TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

Job Number: 240-17317-1

Job Description: RVAAP - ECC

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CASE NARRATIVE

Client: Environmental Chemical Corp.

Project: RVAAP - ECC

Report Number: 240-17317-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

The 353.2 Nitrocellulose, 8330 Nitroguanidine, and 8330B Explosives analysis were performed at the TestAmerica Sacramento Laboratory.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

TestAmerica utilizes USEPA approved methods and DOD QSM, where applicable, in all analytical work. The samples presented in this report were analyzed for the parameter(s) listed on the analytical methods summary page in accordance with the method(s) indicated. A summary of QC data for these analyses is included at the back of the report.

TestAmerica North Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the applicable methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

All solid sample results are reported on an "as received" basis unless otherwise indicated by the presence of a % solids value in the method header.

This laboratory report is confidential and is intended for the sole use of TestAmerica and its client.

All parameters for which TestAmerica North Canton has certification were evaluated to the limit of detection (LOD) and include qualified results where applicable. Parameters not certified under QSM, if any, were evaluated to the detection limit (DL) and include qualified results where applicable.

The sample(s) that contain constituents flagged with U are undetected. The result associated with this flag is the limit of detection (LOD).

RECEIPT

The samples were received on 11/07/2012; the samples arrived in good condition, properly preserved and on ice. The temperatures of the coolers at receipt were 1.8, 2.8 and 5.8 C.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Samples 076SS-0002M-0001-SO (240-17317-1), 076SS-0001M-0001-SO (240-17317-2), 076SS-0005M-0001-SO (240-17317-3), 076SS-0006M-0001-SO (240-17317-4), 068SS-0003M-0001-SO (240-17317-7), 068SS-0004M-0001-SO (240-17317-8), 076SS-0004M-0001-SO (240-17317-9) and 076SS-0003M-0001-SO (240-17317-10) were analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B DoD. The samples were prepared on 11/07/2012 and analyzed on 11/14/2012 and 11/15/2012.

2-Hexanone, Acetone and Methylene Chloride were detected in method blank MB 240-64980/8 at levels that were above the method detection limit but below the reporting limit. The values should be considered estimates, and have been flagged “J”. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged.

4-Methyl-2-pentanone (MIBK), Acetone and Styrene were detected in method blank MB 240-65171/8 at levels that were above the method detection limit but below the reporting limit. The values should be considered estimates, and have been flagged “J”. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged.

Acetone failed the recovery criteria high for MRL 240-64980/33, MRL 240-65171/29 and MRL 240-65171/5. Refer to the QC report for details.

Acetone and Methylene Chloride failed the recovery criteria high for MRL 240-64980/5.

4-Bromofluorobenzene (Surr) failed the surrogate recovery criteria high for 076SS-0005M-0001-SO (240-17317-3).

4-Bromofluorobenzene (Surr) and Toluene-d8 (Surr) failed the surrogate recovery criteria high for 076SS-0004M-0001-SO (240-17317-9).

Internal standard (ISTD) response for the following sample was outside control limits: 076SS-0004M-0001-SO (240-17317-9). The sample was re-analyzed with concurring results. The original set of data has been reported.

Surrogate recovery for the following sample was outside control limits: 076SS-0004M-0001-SO (240-17317-9). Re-extraction and/or re-analysis was performed with concurring results. The original analysis has been reported.

Internal standard (ISTD) response for the following sample was outside of acceptance limits: 076SS-0005M-0001-SO (240-17317-3). The sample was not re-analyzed due to insufficient volume. The second vial did not purge.

Surrogate recovery for the following sample was outside of acceptance limits: 076SS-0005M-0001-SO (240-17317-3). There was insufficient sample to perform a re-extraction; therefore, the data have been reported. The second vial did not purge.

The compound Acetone failed the 70-130% criteria for both the opener and closing MRL in analytical batch 64980. This compound is a common lab contaminate which is effected more at the lower concentrations. The recovery failed high in both analyses.

No other difficulties were encountered during the VOCs analyses. All other quality control parameters were within the acceptance limits.

VOLATILE ORGANIC COMPOUNDS (GC-MS)

Sample 076SS-0027-0001-TB (240-17317-25) was analyzed for volatile organic compounds (GC-MS) in accordance with EPA SW-846 Method 8260B DoD. The samples were analyzed on 11/13/2012.

Methylene Chloride was detected in method blank MB 240-64831/6 at a level exceeding the reporting limit. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged. Refer to the QC report for details.

Methylene Chloride failed the recovery criteria high for MRL 240-64831/12.

Bromomethane, Chloroethane, Chloromethane and Methylene Chloride failed the recovery criteria high for MRL 240-64831/5.

Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with batch 64831.

The method blank for preparation batch 64831 contained Methylene Chloride above the reporting limit (RL). None of the samples associated with this method blank contained the target compound; therefore, re-extraction and/or re-analysis of samples were not performed.

No other difficulties were encountered during the VOCs analysis. All other quality control parameters were within the acceptance limits.

POLYCHLORINATED BIPHENYLS (PCBS) WITH INCREMENTAL SAMPLE PREPARATION

Samples 076SS-0002M-0001-SO (240-17317-1), 076SS-0001M-0001-SO (240-17317-2), 068SS-0001M-0001-SO (240-17317-5), 068SS-0002M-0001-SO (240-17317-6), 068SS-0003M-0001-SO (240-17317-7), 068SS-0004M-0001-SO (240-17317-8), 068SS-0005M-0001-SO (240-17317-14), 068SS-0006M-0001-SO (240-17317-15), 068SS-0007M-0001-SO (240-17317-16), 068SS-0008M-0001-SO (240-17317-17), 076SD-0008-0001-SO (240-17317-18), 076SD-0009-0001-SO (240-17317-19), 076SD-0010-0001-SO (240-17317-20), 076SD-0011-0001-SO (240-17317-21) and 076SD-0012-0001-SO (240-17317-22) were analyzed for Polychlorinated biphenyls (PCBs) with incremental sample preparation in accordance with ITRC Technical and Regulatory Guidance: ISM, February 2012 and EPA SW-846 Method 8082 DOD. The samples began the drying and disaggregation process on 11/09/2012, prepared on 11/16/2012 and analyzed on 11/20/2012.

The following samples required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: 068SS-0001M-0001-SO (240-17317-5), 068SS-0002M-0001-SO (240-17317-6), 068SS-0003M-0001-SO (240-17317-7), 068SS-0003M-0002-SO (240-17317-7 MS), 068SS-0003M-0002-SO (240-17317-7 MSD), 068SS-0004M-0001-SO (240-17317-8), 068SS-0005M-0001-SO (240-17317-14), 068SS-0006M-0001-SO (240-17317-15), 068SS-0007M-0001-SO (240-17317-16), 068SS-0008M-0001-SO (240-17317-17), 076SD-0008-0001-SO (240-17317-18), 076SD-0009-0001-SO (240-17317-19), 076SD-0009-0001-SO (240-17317-19 MS), 076SD-0009-0001-SO (240-17317-19 MSD), 076SD-0010-0001-SO (240-17317-20), 076SD-0011-0001-SO (240-17317-21), 076SD-0012-0001-SO (240-17317-22), 076SS-0001M-0001-SO (240-17317-2), 076SS-0002M-0001-SO (240-17317-1). Lot # S65830.

The DCB surrogate recovery for the following samples was outside acceptance limits (high biased) on the primary column due to matrix interference. The recovery is within acceptance limits on the secondary column, indicating that the extraction process was in control. DCB was reported from the confirmation column.

No other difficulties were encountered during the PCBs analyses. All quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GC-MS) WITH INCREMENTAL SAMPLE PREPARATION

Samples 076SS-0002M-0001-SO (240-17317-1), 076SS-0001M-0001-SO (240-17317-2), 076SS-0005M-0001-SO (240-17317-3), 076SS-0006M-0001-SO (240-17317-4), 068SS-0001M-0001-SO (240-17317-5), 068SS-0002M-0001-SO (240-17317-6),

068SS-0003M-0001-SO (240-17317-7), 068SS-0004M-0001-SO (240-17317-8), 076SS-0004M-0001-SO (240-17317-9), 076SS-0003M-0001-SO (240-17317-10), 068SS-0005M-0001-SO (240-17317-14), 068SS-0006M-0001-SO (240-17317-15), 068SS-0007M-0001-SO (240-17317-16), 068SS-0008M-0001-SO (240-17317-17), 076SD-0008-0001-SO (240-17317-18), 076SD-0009-0001-SO (240-17317-19), 076SD-0010-0001-SO (240-17317-20), 076SD-0011-0001-SO (240-17317-21) and 076SD-0012-0001-SO (240-17317-22) were analyzed for semivolatile organic compounds (GC-MS) with incremental sample preparation in accordance with ITRC Technical and Regulatory Guidance: ISM, February 2012 and EPA SW-846 Method 8270 DoD. The samples began the drying and disaggregation on 11/09/2012, prepared on 11/16/2012 and analyzed on 11/21/2012, 11/23/2012, 11/29/2012, 12/10/2012, 12/12/2012, 12/13/2012 and 12/15/2012.

Bis(2-ethylhexyl) phthalate was detected in method blank MB 240-65352/23-A at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged “J”. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged. Refer to the QC report for details.

3,3'-Dichlorobenzidine, 3-Nitroaniline and 4-Nitroaniline failed the recovery criteria low for the MS/MSD of sample 076SD-0009-0001-SOMS/MSD (240-17317-19) in batch 240-66702.

Samples 076SS-0002M-0001-SO (240-17317-1)[5X], 076SS-0001M-0001-SO (240-17317-2)[12.5X], 076SS-0005M-0001-SO (240-17317-3)[2.5X], 076SS-0006M-0001-SO (240-17317-4)[5X], 068SS-0004M-0001-SO (240-17317-8)[5X], 076SS-0004M-0001-SO (240-17317-9)[10X], 076SS-0003M-0001-SO (240-17317-10)[10X] and 076SD-0012-0001-SO (240-17317-22)[5X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

The following sample(s) was diluted due to the nature of the sample matrix: 068SS-0004M-0001-SO (240-17317-8), 076SS-0005M-0001-SO (240-17317-3), and 076SD-0012-0001-SO (240-17317-22). Elevated reporting limits (RLs) are provided.

The MS/MSD associated with the following sample, 076SD-0009-0001-SO (240-17317-19), was analyzed in a seperate sequence on a previous day. The MRL and MDL closers from that day failed closing criteria. Due to severe matrix interference issues this MS/MSD has been linked with the parent sample from this batch and reported.

No other difficulties were encountered during the SVOCs analyses. All other quality control parameters were within the acceptance limits.

GASOLINE RANGE ORGANICS (GRO)

Samples 070SS-0006M-0001-SO (240-17317-11), 070SS-0007M-0001-SO (240-17317-12) and 070SS-0002M-0001-SO (240-17317-13) were analyzed for gasoline range organics (GRO) in accordance with EPA SW-846 Method 8015B - GRO. The samples were prepared on 11/07/2012 and analyzed on 11/16/2012.

C6-C12 failed the recovery criteria high for MRL 240-65273/10. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

No other difficulties were encountered during the GRO analyses. All quality control parameters were within the acceptance limits.

GASOLINE RANGE ORGANICS (GRO)

Sample 076SS-0027-0001-TB (240-17317-25) was analyzed for gasoline range organics (GRO) in accordance with EPA SW-846 Method 8015B - GRO. The samples were analyzed on 11/15/2012.

C6-C12 was detected in method blank MB 240-65195/7 at a level exceeding the reporting limit. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged. Refer to the QC report for details.

C6-C12 failed the recovery criteria high for MRL 240-65195/26. C6-C12 failed the recovery criteria high for MRL 240-65195/5. The samples associated with this MRL were non-detects for the affected analytes; therefore, the data have been reported.

The Total Petroleum Hydrocarbon - Gasoline Range Organics (TPH GRO) analysis is performed using a Gas Chromatography Flame Ionization Detector (GC FID). The FID measures electrical current generated as carbon containing compounds are burned. An FID is considered a non-selective detector. The TPH GRO method measures any signals generated over a specific carbon range. Standard ranges are C6-C10 or C6-C12 dependent on client/regulatory requirements. Quantitation is based on the summation of peak areas within a carbon range. Because the FID is non-selective, any carbon compound that elutes within the carbon range is included in the quantitation. It is not uncommon to have a low level detection as estimated values due to the non-specificity of the FID Detector. The method blank is reported per PM.

No other difficulties were encountered during the GRO analysis. All other quality control parameters were within the acceptance limits.

PESTICIDES WITH INCREMENTAL SAMPLE PREPARATION

Samples 068SS-0003M-0001-SO (240-17317-7) and 068SS-0004M-0001-SO (240-17317-8) were analyzed for pesticides with incremental sample preparation in accordance with ITRC Technical and Regulatory Guidance: ISM, February 2012 and EPA SW-846 Method 8081 DoD. The samples began the drying and disaggregation process on 11/09/2012, were prepared on 11/16/2012 and analyzed on 11/20/2012.

beta-BHC and Methoxychlor failed the recovery criteria high for the MS of sample 068SS-0003M-0001-SOMS (240-17317-7) in batch 240-65793.

beta-BHC and Methoxychlor failed the recovery criteria high for the MSD of sample 068SS-0003M-0001-SOMSD (240-17317-7) in batch 240-65793. beta-BHC exceeded the rpd limit.

Samples 068SS-0003M-0001-SO (240-17317-7)[10X] and 068SS-0004M-0001-SO (240-17317-8)[10X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

The following samples were diluted due to the nature of the sample matrix: 068SS-0003M-0001-SO (240-17317-7). Elevated reporting limits (RLs) are provided.

Heptachlor Epoxide is reported from the confirmation column in the associated matrix spike (MS) and matrix spike duplicate (MSD) for the following sample 068SS-0003M-0001-SO (240-17317-7) because of matrix interference.

The peaks for DDD and Endosulfan II are merged on the rear column. The associated samples are non-detect for these samples on the front (confirmation) column; therefore the data have been reported.

The peaks for DDD and Endosulfan II are merged on the rear column. The data for these two analytes in the associated QC samples in batch 65793 (LCS 240-65399/6-A), 068SS-0003M-0002-SO (240-17317-7 MS), 068SS-0003M-0002-SO (240-17317-7 MSD) have been reported from the front (confirmation) column.

No other difficulties were encountered during the pesticides analyses. All other quality control parameters were within the acceptance limits.

NITROGUANIDINE (HPLC)

Samples 068SS-0003M-0001-SO (240-17317-7), 068SS-0004M-0001-SO (240-17317-8), 076SD-0008-0001-SO (240-17317-18), 076SD-0009-0001-SO (240-17317-19), 076SD-0010-0001-SO (240-17317-20), 076SD-0011-0001-SO (240-17317-21) and 076SD-0012-0001-SO (240-17317-22) were analyzed for nitroguanidine (HPLC) with incremental sample preparation in accordance with ITRC Technical and Regulatory Guidance: ISM, February 2012 and in accordance with EPA SW-846 Method 8330_Ngu. The samples began the drying and disaggregation process on 11/09/2012, were prepared on 11/16/2012 and analyzed on 11/26/2012.

No difficulties were encountered during the explosives analyses. All quality control parameters were within the acceptance limits.

EXPLOSIVES

Samples 068SS-0003M-0001-SO (240-17317-7), 068SS-0004M-0001-SO (240-17317-8), 076SD-0008-0001-SO (240-17317-18), 076SD-0009-0001-SO (240-17317-19), 076SD-0010-0001-SO (240-17317-20), 076SD-0011-0001-SO (240-17317-21) and 076SD-0012-0001-SO (240-17317-22) were analyzed for explosives with incremental sample preparation in accordance with ITRC Technical and Regulatory Guidance: ISM, February 2012 and in accordance with EPA SW-846 Method 8330B. The samples began the drying and disaggregation process on 11/09/2012, were prepared on 11/16/2012 and analyzed on 11/21/2012 and 11/22/2012.

Tetryl was detected in method blank MB 320-6026/1-A at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged “J”. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged. Refer to the QC report for details.

3,4-Dinitrotoluene failed the surrogate recovery criteria low for MB 320-6026/1-A. Refer to the QC report for details.

The continuing calibration verification at the method reporting limit (CCVL) for analytical batch 6026 exceeded control criteria for Nitrobenzene, o-Nitrotoluene, p-Nitrotoluene, 2,6-Dinitrotoluene, and RDX. The corrective action for this deficiency is an analysis of a standard at apporximately 2x the MDL. The acceptance criterion for the 2x MDL standard is detection of the compound. As the compounds were detected, the data have been qualified and reported.

The continuing calibration verification for method reporting limit (CCVL) for analytical batch 6234 exceeded control criteria for 2,4,6-Trinitroluene and 2,6-Dinitrotoluene. The corrective action for this deficiency is an analysis of a standard at apporximately 2x the MDL. The acceptance criterion for the 2x MDL standard is detection of the compound. As the compounds were detected, the data have been qualified and reported.

No other difficulties were encountered during the explosives analyses. All other quality control parameters were within the acceptance limits.

METALS (ICPMS) WITH INCREMENTAL SAMPLE PREPARATION

Samples 076SS-0002M-0001-SO (240-17317-1), 076SS-0001M-0001-SO (240-17317-2), 076SS-0005M-0001-SO (240-17317-3), 076SS-0006M-0001-SO (240-17317-4), 068SS-0001M-0001-SO (240-17317-5), 068SS-0002M-0001-SO (240-17317-6), 068SS-0003M-0001-SO (240-17317-7), 068SS-0004M-0001-SO (240-17317-8), 076SS-0004M-0001-SO (240-17317-9), 076SS-0003M-0001-SO (240-17317-10), 068SS-0005M-0001-SO (240-17317-14), 068SS-0006M-0001-SO (240-17317-15), 068SS-0007M-0001-SO (240-17317-16), 068SS-0008M-0001-SO (240-17317-17), 076SD-0008-0001-SO (240-17317-18), 076SD-0009-0001-SO (240-17317-19), 076SD-0010-0001-SO (240-17317-20), 076SD-0011-0001-SO (240-17317-21), 076SD-0012-0001-SO (240-17317-22), 079SS-0002M-0001-SO (240-17317-23) and 079SS-0001M-0001-SO (240-17317-24) were analyzed for metals (ICPMS) with incremental sample preparation in accordance with ITRC Technical and Regulatory Guidance: ISM, February 2012 and EPA SW-846 Method 6020 DoD. The samples began the drying and disaggregation process on 11/09/2012, prepared on 11/15/2012 and analyzed on 11/20/2012, 11/23/2012 and 11/30/2012.

Potassium was detected in method blank MB 240-65145/1-A at a level exceeding the reporting limit. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged. Potassium was detected in method blank MB 240-65198/1-A at a level exceeding the reporting limit. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged. Refer to the QC report for details.

Antimony failed the recovery criteria low for the MS of sample 076SD-0009-0001-SOMS (240-17317-19) in batch 240-66205. Aluminum and Iron failed the recovery criteria high.

Antimony, Barium, Iron and Manganese failed the recovery criteria low for the MS of sample 068SS-0003M-0001-SOMS (240-17317-7) in batch 240-66205. Aluminum, Calcium, Magnesium and Zinc failed the recovery criteria high.

For the duplicate of sample 076SD-0009-0001-SODU (240-17317-19). Manganese exceeded the rpd limit for the duplicate of sample 068SS-0003M-0001-SODU (240-17317-7). Refer to the QC report for details.

Samples 076SS-0002M-0001-SO (240-17317-1)[5X], 076SS-0001M-0001-SO (240-17317-2)[5X], 076SS-0005M-0001-SO (240-17317-3)[10X], 076SS-0006M-0001-SO (240-17317-4)[10X], 068SS-0001M-0001-SO (240-17317-5)[2X], 068SS-0002M-0001-SO (240-17317-6)[5X], 068SS-0003M-0001-SO (240-17317-7)[5X], 068SS-0004M-0001-SO (240-17317-8)[5X], 076SS-0004M-0001-SO (240-17317-9)[5X], 076SS-0003M-0001-SO (240-17317-10)[5X], 068SS-0005M-0001-SO (240-17317-14)[10X], 068SS-0006M-0001-SO (240-17317-15)[10X], 068SS-0007M-0001-SO (240-17317-16)[10X], 068SS-0008M-0001-SO (240-17317-17)[5X], 076SD-0008-0001-SO (240-17317-18)[5X], 076SD-0009-0001-SO (240-17317-19)[5X], 076SD-0010-0001-SO (240-17317-20)[5X], 079SS-0002M-0001-SO (240-17317-23)[10X], 079SS-0002M-0001-SO (240-17317-23)[20X] and 079SS-0001M-0001-SO (240-17317-24)[10X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

The following samples were diluted due to the nature of the sample matrices: 068SS-0003M-0001-SO (240-17317-7), 068SS-0004M-0001-SO (240-17317-8), 068SS-0008M-0001-SO (240-17317-17), 076SD-0008-0001-SO (240-17317-18), 076SD-0009-0001-SO (240-17317-19), 076SD-0010-0001-SO (240-17317-20), 076SS-0002M-0001-SO (240-17317-1). Elevated reporting limits (RLs) are provided.

No other difficulties were encountered during the metals analyses. All other quality control parameters were within the acceptance limits.

MERCURY WITH INCREMENTAL SAMPLE PREPARATION

Samples 076SS-0002M-0001-SO (240-17317-1), 076SS-0001M-0001-SO (240-17317-2), 076SS-0005M-0001-SO (240-17317-3), 076SS-0006M-0001-SO (240-17317-4), 068SS-0001M-0001-SO (240-17317-5), 068SS-0002M-0001-SO (240-17317-6), 068SS-0003M-0001-SO (240-17317-7), 068SS-0004M-0001-SO (240-17317-8), 076SS-0004M-0001-SO (240-17317-9), 076SS-0003M-0001-SO (240-17317-10), 068SS-0005M-0001-SO (240-17317-14), 068SS-0006M-0001-SO (240-17317-15), 068SS-0007M-0001-SO (240-17317-16), 068SS-0008M-0001-SO (240-17317-17), 076SD-0008-0001-SO (240-17317-18), 076SD-0009-0001-SO (240-17317-19), 076SD-0010-0001-SO (240-17317-20), 076SD-0011-0001-SO (240-17317-21), 076SD-0012-0001-SO (240-17317-22), 079SS-0002M-0001-SO (240-17317-23) and 079SS-0001M-0001-SO (240-17317-24) were analyzed for mercury with incremental sample preparation in accordance with ITRC Technical and Regulatory Guidance: ISM, February 2012 and EPA SW-846 Method 7471A DOD. The samples began the drying and disaggregation process on 11/09/2012, were prepared on 11/15/2012 and analyzed on 11/16/2012.

Mercury was detected in method blanks MB 240-65191/1-A and MB 240-65204/1-A at levels that were above the detection limit but below the LOQ. The values should be considered estimates, and have been flagged “J”. If the associated sample reported a result above the MDL and/or RL, the result has been “B” flagged.

No other difficulties were encountered during the mercury analyses. All other quality control parameters were within the acceptance limits.

NITROCELLULOSE

Samples 068SS-0003M-0001-SO (240-17317-7), 068SS-0004M-0001-SO (240-17317-8), 076SD-0008-0001-SO (240-17317-18), 076SD-0009-0001-SO (240-17317-19), 076SD-0010-0001-SO (240-17317-20), 076SD-0011-0001-SO (240-17317-21) and 076SD-0012-0001-SO (240-17317-22) were analyzed for Nitrocellulose with incremental sample preparation in accordance with ITRC Technical and Regulatory Guidance: ISM, February 2012 and with EPA Method 353.2. The samples began the drying and disaggregation process on 11/09/2012, were prepared on 11/20/2012 and analyzed on 11/21/2012.

Nitrocellulose failed the recovery criteria low for the MS and MSD of sample 076SD-0009-0001-SOMS/MSD (240-17317-19) in batch 320-6288. Refer to the QC report for details.

The analyst suspects that the matrix (final extracts were cloudy and smelled strongly of sulfur) of samples 240-17317-18, -19, -20, -21, and -22 caused the failure of the bracketing MRL's and CCV's for the following samples (CCB 320-6287/35), (CCB 320-6287/42), (CCV 320-6287/34), (CCV 320-6287/41), (MRL 320-6287/33), (MRL 320-6287/40), 068SS-0003M-0001-SO (240-17317-7), 068SS-0003M-0002-SO (240-17317-7 MS), 068SS-0003M-0002-SO (240-17317-7 MSD), 068SS-0004M-0001-SO (240-17317-8), 076SD-0008-0001-SO (240-17317-18), 076SD-0009-0001-SO (240-17317-19), 076SD-0009-0001-SO (240-17317-19 MS), 076SD-0009-0001-SO (240-17317-19 MSD), 076SD-0010-0001-SO (240-17317-20), 076SD-0011-0001-SO (240-17317-21), 076SD-0012-0001-SO (240-17317-22).

These samples were re-analyzed on the same day within holding time. The analyst set up the re-analysis such that each of the samples with suspect matrix was injected individually and brackted with it's own MRL and CCV. The MS and MSD (240-17317-19MS and

240-17317-19MSD) were injected "back-to-back" and bracketed with their own MRL and CCV. When the samples were injected this way, the MRL and CCV for all samples except the MS/MSD pair were within acceptable control limits. Results are being reported from the re-analysis for the following samples (CCB 320-6287/35), (CCB 320-6287/42), (CCV 320-6287/34), (CCV 320-6287/41), (MRL 320-6287/33), (MRL 320-6287/40), 068SS-0003M-0001-SO (240-17317-7), 068SS-0003M-0002-SO (240-17317-7 MS), 068SS-0003M-0002-SO (240-17317-7 MSD), 068SS-0004M-0001-SO (240-17317-8), 076SD-0008-0001-SO (240-17317-18), 076SD-0009-0001-SO (240-17317-19), 076SD-0009-0001-SO (240-17317-19 MS), 076SD-0009-0001-SO (240-17317-19 MSD), 076SD-0010-0001-SO (240-17317-20), 076SD-0011-0001-SO (240-17317-21), 076SD-0012-0001-SO (240-17317-22).

The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 6288 (240-17317-7MS, 240-17317-7MSD) were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

The matrix spike / matrix spike duplicate (MS/MSD) recoveries for batch 6288 (240-17317-19MS, 240-17317-19MSD) were outside control limits. The associated laboratory control sample (LCS) recovery met acceptance criteria.

The final continuing calibration verification (CCV) and MRL, (CCV 320-6288/42), (MRL 320-6288/41), for analytical batch 6288 were outside of established control limits. The analyst believes that this is due to the nature of the sample matrix (final extracts were cloudy and smelled strongly of sulfur) injected prior to the MRL and CCV pair. (Sample 240-17317-19MS and 240-17317-19MSD. The data have been qualified and reported.

No other difficulties were encountered during the Nitrocellulose analyses. All other quality control parameters were within the acceptance limits.

PERCENT SOLIDS

Samples 076SS-0002M-0001-SO (240-17317-1), 076SS-0001M-0001-SO (240-17317-2), 076SS-0005M-0001-SO (240-17317-3), 076SS-0006M-0001-SO (240-17317-4), 068SS-0001M-0001-SO (240-17317-5), 068SS-0002M-0001-SO (240-17317-6), 068SS-0003M-0001-SO (240-17317-7), 068SS-0004M-0001-SO (240-17317-8), 076SS-0004M-0001-SO (240-17317-9), 076SS-0003M-0001-SO (240-17317-10), 070SS-0006M-0001-SO (240-17317-11), 070SS-0007M-0001-SO (240-17317-12), 070SS-0002M-0001-SO (240-17317-13), 068SS-0005M-0001-SO (240-17317-14), 068SS-0006M-0001-SO (240-17317-15), 068SS-0007M-0001-SO (240-17317-16), 068SS-0008M-0001-SO (240-17317-17), 076SD-0008-0001-SO (240-17317-18), 076SD-0009-0001-SO (240-17317-19), 076SD-0010-0001-SO (240-17317-20), 076SD-0011-0001-SO (240-17317-21), 076SD-0012-0001-SO (240-17317-22), 079SS-0002M-0001-SO (240-17317-23) and 079SS-0001M-0001-SO (240-17317-24) were analyzed for percent solids in accordance with EPA Method 160.3 MOD. The samples were analyzed on 11/15/2012 and 11/16/2012.

Percent Moisture exceeded the rpd limit for the duplicate of sample 076SD-0009-0001-SODU (240-17317-19). Refer to the QC report for details.

No other difficulties were encountered during the % solids analyses. All other quality control parameters were within the acceptance limits.

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Instrument ID: A4HP7 Analysis Batch Number: 64102

Lab Sample ID: STD5 240-64102/2 IC Client Sample ID:

Date Analyzed: 11/07/12 11:44 Lab File ID: 21107002.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	2.51	Poor Chromatography	gruberj	11/07/12 14:47

Lab Sample ID: STD3 240-64102/4 IC Client Sample ID:

Date Analyzed: 11/07/12 12:31 Lab File ID: 21107004.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	2.51	Poor Chromatography	gruberj	11/07/12 14:47
Pyridine	3.02	Poor Chromatography	gruberj	11/07/12 14:49

Lab Sample ID: STD2 240-64102/5 IC Client Sample ID:

Date Analyzed: 11/07/12 12:54 Lab File ID: 21107005.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	2.51	Poor Chromatography	gruberj	11/07/12 14:50
N-Nitrosodimethylamine	2.97	Poor Chromatography	gruberj	11/07/12 14:50
Pyridine	3.03	Poor Chromatography	gruberj	11/07/12 14:50
Ethyl methacrylate	3.63	Poor Chromatography	gruberj	11/07/12 14:50
Malononitrile	4.34	Poor Chromatography	gruberj	11/07/12 14:50

Lab Sample ID: STD1 240-64102/6 IC Client Sample ID:

Date Analyzed: 11/07/12 13:18 Lab File ID: 21107006.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Indeno[1,2,3-cd]pyrene	16.02	Poor Chromatography	gruberj	11/07/12 14:51
Dibenz(a,h)anthracene	16.05	Poor Chromatography	gruberj	11/07/12 14:51
Benzo[g,h,i]perylene	16.45	Poor Chromatography	gruberj	11/07/12 14:51

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Instrument ID: A4HP7 Analysis Batch Number: 64102

Lab Sample ID: STD6 240-64102/10 ICIS Client Sample ID:

Date Analyzed: 11/07/12 14:51 Lab File ID: 21107010.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	2.50	Poor Chromatography	gruberj	11/07/12 15:23

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Instrument ID: A4HP7 Analysis Batch Number: 65876

Lab Sample ID: 240-17317-7 Client Sample ID: 068SS-0003M-0001-SO

Date Analyzed: 11/21/12 13:38 Lab File ID: 21121007.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzo[k]fluoranthene	13.76	Poor Chromatography	gruberj	11/21/12 15:00

Lab Sample ID: 240-17317-5 Client Sample ID: 068SS-0001M-0001-SO

Date Analyzed: 11/21/12 14:48 Lab File ID: 21121010.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Di-n-butyl phthalate	10.19	Poor Chromatography	gruberj	11/21/12 16:01
Benzo[k]fluoranthene	13.76	Poor Chromatography	gruberj	11/21/12 16:01

Lab Sample ID: 240-17317-6 Client Sample ID: 068SS-0002M-0001-SO

Date Analyzed: 11/21/12 15:12 Lab File ID: 21121011.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Di-n-butyl phthalate	10.19	Poor Chromatography	gruberj	11/21/12 15:59
Benzo[k]fluoranthene	13.75	Poor Chromatography	gruberj	11/21/12 15:59

Lab Sample ID: 240-17317-8 Client Sample ID: 068SS-0004M-0001-SO

Date Analyzed: 11/21/12 15:35 Lab File ID: 21121012.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzo[k]fluoranthene	13.76	Poor Chromatography	gruberj	11/21/12 15:58

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Instrument ID: A4HP7 Analysis Batch Number: 65876

Lab Sample ID: 240-17317-1 Client Sample ID: 076SS-0002M-0001-SO

Date Analyzed: 11/21/12 15:59 Lab File ID: 21121013.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzo[k]fluoranthene	13.76	Poor Chromatography	gruberj	11/23/12 09:21
Dibenz(a,h)anthracene	15.94	Poor Chromatography	gruberj	11/23/12 09:21

Lab Sample ID: 240-17317-4 Client Sample ID: 076SS-0006M-0001-SO

Date Analyzed: 11/21/12 16:22 Lab File ID: 21121014.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzo[k]fluoranthene	13.76	Poor Chromatography	gruberj	11/23/12 09:55

Lab Sample ID: 240-17317-3 Client Sample ID: 076SS-0005M-0001-SO

Date Analyzed: 11/21/12 16:46 Lab File ID: 21121015.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzo[k]fluoranthene	13.76	Poor Chromatography	gruberj	11/23/12 09:56
Dibenz(a,h)anthracene	15.96	Poor Chromatography	gruberj	11/23/12 09:56

Lab Sample ID: 240-17317-2 Client Sample ID: 076SS-0001M-0001-SO

Date Analyzed: 11/21/12 17:09 Lab File ID: 21121016.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzo[k]fluoranthene	13.76	Poor Chromatography	gruberj	11/23/12 09:58

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Instrument ID: A4HP7 Analysis Batch Number: 65876

Lab Sample ID: mdll1 LODV Client Sample ID:

Date Analyzed: 11/21/12 17:56 Lab File ID: 21121018.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Indeno[1,2,3-cd]pyrene	15.92	Poor Chromatography	gruberj	11/23/12 08:15
Dibenz(a,h)anthracene	15.95	Poor Chromatography	gruberj	11/23/12 08:15
Benzo[g,h,i]perylene	16.35	Poor Chromatography	gruberj	11/23/12 08:15

Lab Sample ID: mdll2 LODV Client Sample ID:

Date Analyzed: 11/21/12 18:20 Lab File ID: 21121019.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	2.33	Poor Chromatography	gruberj	11/23/12 08:20

Lab Sample ID: mdll3 LODV Client Sample ID:

Date Analyzed: 11/21/12 18:43 Lab File ID: 21121020.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	2.32	Poor Chromatography	gruberj	11/23/12 08:23

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Instrument ID: A4HP7 Analysis Batch Number: 66051

Lab Sample ID: CCV 240-66051/2 Client Sample ID:

Date Analyzed: 11/23/12 09:55 Lab File ID: 21123002.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	2.29	Poor Chromatography	gruberj	11/23/12 10:13

Lab Sample ID: 240-17317-9 Client Sample ID: 076SS-0004M-0001-SO

Date Analyzed: 11/23/12 14:12 Lab File ID: 21123025.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzo[k]fluoranthene	13.73	Poor Chromatography	gruberj	11/26/12 11:28

Lab Sample ID: mdll1 LODV Client Sample ID:

Date Analyzed: 11/23/12 14:58 Lab File ID: 21123014.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2-Fluorophenol (Surr)	4.59	Poor Chromatography	gruberj	11/26/12 10:35
Benzo[a]pyrene	14.18	Poor Chromatography	gruberj	11/26/12 10:35
Indeno[1,2,3-cd]pyrene	15.90	Poor Chromatography	gruberj	11/26/12 10:35
Dibenz(a,h)anthracene	15.93	Poor Chromatography	gruberj	11/26/12 10:35

Lab Sample ID: mdll2 LODV Client Sample ID:

Date Analyzed: 11/23/12 15:21 Lab File ID: 21123015.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	2.29	Poor Chromatography	gruberj	11/26/12 10:38

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Instrument ID: A4HP9 Analysis Batch Number: 66620

Lab Sample ID: STD5 240-66620/2 IC Client Sample ID:

Date Analyzed: 11/28/12 14:27 Lab File ID: 21127102.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	2.56	Poor Chromatography	ulmanm	11/28/12 15:11
Benzoic acid	6.75	Poor Chromatography	ulmanm	11/28/12 15:11
4,6-Dinitro-2-methylphenol	9.00	Poor Chromatography	ulmanm	11/28/12 15:08

Lab Sample ID: STD4 240-66620/3 IC Client Sample ID:

Date Analyzed: 11/28/12 14:52 Lab File ID: 21127103.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
3-Chloropropionitrile	4.04	Poor Chromatography	ulmanm	11/28/12 15:28
Benzoic acid	6.73	Poor Chromatography	ulmanm	11/28/12 15:28

Lab Sample ID: STD3 240-66620/4 IC Client Sample ID:

Date Analyzed: 11/28/12 15:17 Lab File ID: 21127104.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Pyridine	3.09	Poor Chromatography	ulmanm	11/28/12 15:56
Malononitrile	4.38	Poor Chromatography	ulmanm	11/28/12 15:56
Benzoic acid	6.73	Poor Chromatography	ulmanm	11/28/12 15:56
Benzo[k]fluoranthene	13.86	Poor Chromatography	ulmanm	11/28/12 15:56

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Instrument ID: A4HP9 Analysis Batch Number: 66620

Lab Sample ID: STD2 240-66620/5 IC Client Sample ID:

Date Analyzed: 11/28/12 16:06 Lab File ID: 21127105.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
N-Nitrosodimethylamine	3.03	Poor Chromatography	ulmanm	11/28/12 16:45
Pyridine	3.10	Poor Chromatography	ulmanm	11/28/12 16:45
3-Chloropropionitrile	4.04	Poor Chromatography	ulmanm	11/28/12 16:45
Malononitrile	4.37	Poor Chromatography	ulmanm	11/28/12 16:45

Lab Sample ID: STD1 240-66620/6 IC Client Sample ID:

Date Analyzed: 11/28/12 16:31 Lab File ID: 21127106.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzo[k]fluoranthene	13.86	Poor Chromatography	ulmanm	11/28/12 17:07
Indeno[1,2,3-cd]pyrene	16.07	Poor Chromatography	ulmanm	11/28/12 17:07
Dibenz(a,h)anthracene	16.09	Poor Chromatography	ulmanm	11/28/12 17:07
Benzo[g,h,i]perylene	16.50	Poor Chromatography	ulmanm	11/28/12 17:07

Lab Sample ID: STD8 240-66620/8 IC Client Sample ID:

Date Analyzed: 11/28/12 17:21 Lab File ID: 21127108.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzoic acid	6.79	Poor Chromatography	ulmanm	11/29/12 07:15

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Instrument ID: A4HP9 Analysis Batch Number: 66702

Lab Sample ID: 240-17317-14 Client Sample ID: 068SS-0005M-0001-SO

Date Analyzed: 11/29/12 10:52 Lab File ID: 21129008.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzo[k]fluoranthene	13.83	Poor Chromatography	ulmanm	11/29/12 11:34
Indeno[1,2,3-cd]pyrene	16.02	Poor Chromatography	ulmanm	11/29/12 11:34

Lab Sample ID: 240-17317-15 Client Sample ID: 068SS-0006M-0001-SO

Date Analyzed: 11/29/12 11:17 Lab File ID: 21129009.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzo[k]fluoranthene	13.82	Poor Chromatography	ulmanm	11/29/12 11:54

Lab Sample ID: 240-17317-16 Client Sample ID: 068SS-0007M-0001-SO

Date Analyzed: 11/29/12 11:41 Lab File ID: 21129010.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzo[k]fluoranthene	13.82	Poor Chromatography	ulmanm	11/29/12 12:17

Lab Sample ID: 240-17317-10 Client Sample ID: 076SS-0003M-0001-SO

Date Analyzed: 11/29/12 12:30 Lab File ID: 21129012.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzo[k]fluoranthene	13.83	Poor Chromatography	ulmanm	11/29/12 13:08

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Instrument ID: A4HP9 Analysis Batch Number: 66702

Lab Sample ID: 240-17317-22 Client Sample ID: 076SD-0012-0001-SO

Date Analyzed: 11/29/12 12:54 Lab File ID: 21129013.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzo[b]fluoranthene	13.79	Poor Chromatography	ulmanm	11/29/12 13:31
Benzo[k]fluoranthene	13.81	Poor Chromatography	ulmanm	11/29/12 13:31
Indeno[1,2,3-cd]pyrene	16.02	Poor Chromatography	ulmanm	11/29/12 13:31
Benzo[g,h,i]perylene	16.46	Poor Chromatography	ulmanm	11/29/12 13:31

Lab Sample ID: mdll1 LODV Client Sample ID:

Date Analyzed: 11/29/12 13:54 Lab File ID: 21129023.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzo[a]pyrene	14.28	Poor Chromatography	ulmanm	11/29/12 14:48
Indeno[1,2,3-cd]pyrene	16.02	Poor Chromatography	ulmanm	11/29/12 14:48
Dibenz(a,h)anthracene	16.06	Poor Chromatography	ulmanm	11/29/12 14:48
Benzo[g,h,i]perylene	16.46	Poor Chromatography	ulmanm	11/29/12 14:48

Lab Sample ID: mdll2 LODV Client Sample ID:

Date Analyzed: 11/29/12 14:18 Lab File ID: 21129025.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
N-Nitrosodimethylamine	2.99	Poor Chromatography	ulmanm	11/29/12 15:10
Pyridine	3.06	Poor Chromatography	ulmanm	11/29/12 15:10

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Instrument ID: A4HP9 Analysis Batch Number: 66702

Lab Sample ID: mdll1 B LODV Client Sample ID:

Date Analyzed: 11/29/12 17:58 Lab File ID: 21129022.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Indeno[1,2,3-cd]pyrene	16.02	Poor Chromatography	ulmanm	11/30/12 07:54
Dibenz(a,h)anthracene	16.07	Poor Chromatography	ulmanm	11/30/12 07:54
Benzo[g,h,i]perylene	16.48	Poor Chromatography	ulmanm	11/30/12 07:54

Lab Sample ID: mdll2 B LODV Client Sample ID:

Date Analyzed: 11/29/12 18:22 Lab File ID: 21129027.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
N-Nitrosodimethylamine	3.00	Poor Chromatography	ulmanm	11/30/12 07:58
Pyridine	3.07	Poor Chromatography	ulmanm	11/30/12 07:58

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Instrument ID: A4HP9 Analysis Batch Number: 67070

Lab Sample ID: STD5 240-67070/2 IC Client Sample ID:

Date Analyzed: 12/03/12 11:32 Lab File ID: 21203002.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	2.81	Tailing or Fronting	ulmanm	12/03/12 12:20

Lab Sample ID: STD4 240-67070/3 IC Client Sample ID:

Date Analyzed: 12/03/12 11:57 Lab File ID: 21203003.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	2.81	Poor Chromatography	ulmanm	12/03/12 12:35
N-Nitrosodimethylamine	3.30	Poor Chromatography	ulmanm	12/03/12 12:35
3-Chloropropionitrile	4.22	Poor Chromatography	ulmanm	12/03/12 12:35
Benzoic acid	6.86	Poor Chromatography	ulmanm	12/03/12 12:35
Benzidine	11.05	Poor Chromatography	ulmanm	12/03/12 12:35

Lab Sample ID: STD3 240-67070/4 IC Client Sample ID:

Date Analyzed: 12/03/12 12:23 Lab File ID: 21203004.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
N-Nitrosodimethylamine	3.30	Poor Chromatography	ulmanm	12/03/12 13:20
Pyridine	3.33	Poor Chromatography	ulmanm	12/03/12 13:20
Ethyl methacrylate	3.88	Poor Chromatography	ulmanm	12/03/12 13:20
3-Chloropropionitrile	4.23	Poor Chromatography	ulmanm	12/03/12 13:20
Benzoic acid	6.84	Poor Chromatography	ulmanm	12/03/12 13:20
Indeno[1,2,3-cd]pyrene	16.39	Poor Chromatography	ulmanm	12/03/12 13:20

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Instrument ID: A4HP9 Analysis Batch Number: 67070

Lab Sample ID: STD2 240-67070/5 IC Client Sample ID:

Date Analyzed: 12/03/12 12:48 Lab File ID: 21203005.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Pyridine	3.35	Poor Chromatography	ulmanm	12/03/12 13:30
Ethyl methacrylate	3.88	Poor Chromatography	ulmanm	12/03/12 13:30
3-Chloropropionitrile	4.23	Poor Chromatography	ulmanm	12/03/12 13:30
Benzidine	11.05	Poor Chromatography	ulmanm	12/03/12 13:30

Lab Sample ID: STD1 240-67070/6 IC Client Sample ID:

Date Analyzed: 12/03/12 13:13 Lab File ID: 21203006.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzo[b]fluoranthene	14.07	Poor Chromatography	ulmanm	12/03/12 14:05
Indeno[1,2,3-cd]pyrene	16.39	Poor Chromatography	ulmanm	12/03/12 14:05
Dibenz(a,h)anthracene	16.44	Poor Chromatography	ulmanm	12/03/12 14:05
Benzo[g,h,i]perylene	16.87	Poor Chromatography	ulmanm	12/03/12 14:05

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Instrument ID: A4HP9 Analysis Batch Number: 67921

Lab Sample ID: 240-17317-17 Client Sample ID: 068SS-0008M-0001-SO

Date Analyzed: 12/10/12 09:39 Lab File ID: 21210006.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzo[k]fluoranthene	13.90	Poor Chromatography	ulmanm	12/10/12 10:27
Dibenz(a,h)anthracene	16.14	Poor Chromatography	ulmanm	12/10/12 10:27

Lab Sample ID: mdll1 LODV Client Sample ID:

Date Analyzed: 12/10/12 10:58 Lab File ID: 21210009.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Indeno[1,2,3-cd]pyrene	16.11	Poor Chromatography	ulmanm	12/10/12 11:39
Dibenz(a,h)anthracene	16.15	Poor Chromatography	ulmanm	12/10/12 11:39

Lab Sample ID: mdll2 LODV Client Sample ID:

Date Analyzed: 12/10/12 11:23 Lab File ID: 21210010.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
N-Nitrosodimethylamine	2.91	Poor Chromatography	ulmanm	12/10/12 12:00
Pyridine	2.94	Poor Chromatography	ulmanm	12/10/12 12:00

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Instrument ID: A4HP9 Analysis Batch Number: 68161

Lab Sample ID: STD5 240-68161/2 IC Client Sample ID:

Date Analyzed: 12/11/12 12:10 Lab File ID: 21211002.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	2.86	Tailing or Fronting	ulmanm	12/11/12 12:51
Benzoic acid	6.92	Tailing or Fronting	ulmanm	12/11/12 12:51

Lab Sample ID: STD4 240-68161/3 IC Client Sample ID:

Date Analyzed: 12/11/12 12:35 Lab File ID: 21211003.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
N-Nitrosodimethylamine	3.35	Wrong Isomer	ulmanm	12/11/12 13:13
3-Chloropropionitrile	4.27	Tailing or Fronting	ulmanm	12/11/12 13:13
Benzoic acid	6.90	Tailing or Fronting	ulmanm	12/11/12 13:13
Benzidine	11.12	Tailing or Fronting	ulmanm	12/11/12 13:13
3,3'-Dimethoxybenzidine	12.50	Tailing or Fronting	ulmanm	12/11/12 13:13

Lab Sample ID: STD3 240-68161/4 IC Client Sample ID:

Date Analyzed: 12/11/12 12:59 Lab File ID: 21211004.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	2.86	Poor Chromatography	ulmanm	12/11/12 13:36
Pyridine	3.40	Poor Chromatography	ulmanm	12/11/12 13:36
N-Nitrosodimethylamine	3.41	Poor Chromatography	ulmanm	12/11/12 13:36
3-Chloropropionitrile	4.29	Poor Chromatography	ulmanm	12/11/12 13:36
Benzoic acid	6.90	Poor Chromatography	ulmanm	12/11/12 13:36
Benzo[g,h,i]perylene	17.02	Poor Chromatography	ulmanm	12/11/12 13:36

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Instrument ID: A4HP9 Analysis Batch Number: 68161

Lab Sample ID: STD2 240-68161/5 IC Client Sample ID:

Date Analyzed: 12/11/12 13:24 Lab File ID: 21211005.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
N-Nitrosodimethylamine	3.37	Poor Chromatography	ulmanm	12/11/12 14:12
Pyridine	3.41	Poor Chromatography	ulmanm	12/11/12 14:12
Ethyl methacrylate	3.93	Poor Chromatography	ulmanm	12/11/12 14:12
3-Chloropropionitrile	4.28	Poor Chromatography	ulmanm	12/11/12 14:12
Benzo[g,h,i]perylene	17.03	Poor Chromatography	ulmanm	12/11/12 14:16

Lab Sample ID: STD1 240-68161/6 IC Client Sample ID:

Date Analyzed: 12/11/12 13:49 Lab File ID: 21211006.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzo[a]pyrene	14.70	Poor Chromatography	ulmanm	12/11/12 14:44
Indeno[1,2,3-cd]pyrene	16.54	Poor Chromatography	ulmanm	12/11/12 14:44
Dibenz(a,h)anthracene	16.56	Poor Chromatography	ulmanm	12/11/12 14:44
Benzo[g,h,i]perylene	17.03	Poor Chromatography	ulmanm	12/11/12 14:44

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Instrument ID: A4HP9 Analysis Batch Number: 68349

Lab Sample ID: 240-17317-20 Client Sample ID: 076SD-0010-0001-SO

Date Analyzed: 12/12/12 14:22 Lab File ID: 21212110.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzoic acid	6.88	Poor Chromatography	ulmanm	12/12/12 15:05
Benzo[g,h,i]perylene	16.98	Poor Chromatography	ulmanm	12/12/12 15:05

Lab Sample ID: mdll1 LODV Client Sample ID:

Date Analyzed: 12/12/12 15:11 Lab File ID: 21212112.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzo[b]fluoranthene	14.14	Poor Chromatography	ulmanm	12/13/12 09:35
Benzo[a]pyrene	14.65	Poor Chromatography	ulmanm	12/13/12 09:35
Indeno[1,2,3-cd]pyrene	16.48	Poor Chromatography	ulmanm	12/13/12 09:35
Dibenz(a,h)anthracene	16.51	Poor Chromatography	ulmanm	12/13/12 09:35
Benzo[g,h,i]perylene	16.96	Poor Chromatography	ulmanm	12/13/12 09:35

Lab Sample ID: mdll2 LODV Client Sample ID:

Date Analyzed: 12/12/12 15:36 Lab File ID: 21212113.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	2.80	Poor Chromatography	ulmanm	12/13/12 09:40
N-Nitrosodimethylamine	3.31	Poor Chromatography	ulmanm	12/13/12 09:40
Pyridine	3.34	Poor Chromatography	ulmanm	12/13/12 09:40
3,3'-Dichlorobenzidine	12.51	Poor Chromatography	ulmanm	12/13/12 09:40

Lab Sample ID: mdll4 LODV Client Sample ID:

Date Analyzed: 12/12/12 16:26 Lab File ID: 21212115.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Hexachlorocyclopentadiene	7.92	Poor Chromatography	ulmanm	12/13/12 09:49

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Instrument ID: A4HP9 Analysis Batch Number: 68588

Lab Sample ID: CCV 240-68588/2 Client Sample ID:

Date Analyzed: 12/13/12 15:09 Lab File ID: 21213102.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	2.69	Poor Chromatography	ulmanm	12/13/12 15:53

Lab Sample ID: 240-17317-21 Client Sample ID: 076SD-0011-0001-SO

Date Analyzed: 12/13/12 18:03 Lab File ID: 21213109.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Indeno[1,2,3-cd]pyrene	16.42	Poor Chromatography	ulmanm	12/14/12 09:03
Benzo[g,h,i]perylene	16.90	Poor Chromatography	ulmanm	12/14/12 09:03

Lab Sample ID: mdll1 LODV Client Sample ID:

Date Analyzed: 12/13/12 18:52 Lab File ID: 21213111.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Indeno[1,2,3-cd]pyrene	16.41	Poor Chromatography	ulmanm	12/14/12 09:20
Dibenz(a,h)anthracene	16.43	Poor Chromatography	ulmanm	12/14/12 09:20
Benzo[g,h,i]perylene	16.88	Poor Chromatography	ulmanm	12/14/12 09:20

Lab Sample ID: mdll2 LODV Client Sample ID:

Date Analyzed: 12/13/12 19:17 Lab File ID: 21213112.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	2.71	Poor Chromatography	ulmanm	12/14/12 09:31
N-Nitrosodimethylamine	3.22	Poor Chromatography	ulmanm	12/14/12 09:31
Pyridine	3.26	Poor Chromatography	ulmanm	12/14/12 09:31

GC/MS SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Instrument ID: A4HP9 Analysis Batch Number: 68844

Lab Sample ID: 240-17317-19 Client Sample ID: 076SD-0009-0001-SO

Date Analyzed: 12/15/12 14:32 Lab File ID: 21215008.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Indeno[1,2,3-cd]pyrene	16.26	Poor Chromatography	ulmanm	12/17/12 07:59

Lab Sample ID: mdll1 LODV Client Sample ID:

Date Analyzed: 12/15/12 15:22 Lab File ID: 21215010.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Hexachlorobenzene	9.53	Poor Chromatography	ulmanm	12/17/12 09:16
Indeno[1,2,3-cd]pyrene	16.26	Poor Chromatography	ulmanm	12/17/12 09:16
Dibenz(a,h)anthracene	16.29	Poor Chromatography	ulmanm	12/17/12 09:16
Benzo[g,h,i]perylene	16.71	Poor Chromatography	ulmanm	12/17/12 09:16

Lab Sample ID: mdll2 LODV Client Sample ID:

Date Analyzed: 12/15/12 15:47 Lab File ID: 21215011.D GC Column: RXI-5SILMS ID: 0.45(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	2.52	Poor Chromatography	ulmanm	12/17/12 09:20
N-Nitrosodimethylamine	3.03	Poor Chromatography	ulmanm	12/17/12 09:20

GC SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Instrument ID: A2HP9 Analysis Batch Number: 63011

Lab Sample ID: STD 240-63011/12 IC Client Sample ID:

Date Analyzed: 10/27/12 17:31 Lab File ID: P9102712.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Toxaphene Peak 1	9.50	Split Peak	vandorenc	10/30/12 12:07
Toxaphene Peak 2	10.04	Split Peak	vandorenc	10/30/12 12:07
Toxaphene Peak 3	10.11	Split Peak	vandorenc	10/30/12 12:07
Toxaphene Peak 4	10.69	Split Peak	vandorenc	10/30/12 12:07
Toxaphene Peak 5	11.25	Split Peak	vandorenc	10/30/12 12:07

Lab Sample ID: STD 240-63011/12 IC Client Sample ID:

Date Analyzed: 10/27/12 17:31 Lab File ID: P9102712.D GC Column: CLP-2 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Toxaphene Peak 1	10.41	Baseline Event	vandorenc	10/30/12 12:14
Toxaphene Peak 2	11.42	Baseline Event	vandorenc	10/30/12 12:14
Toxaphene Peak 3	11.77	Baseline Event	vandorenc	10/30/12 12:14
Toxaphene Peak 4	12.27	Baseline Event	vandorenc	10/30/12 12:14
Toxaphene Peak 5	12.56	Baseline Event	vandorenc	10/30/12 12:14

Lab Sample ID: STD 240-63011/13 IC Client Sample ID:

Date Analyzed: 10/27/12 17:56 Lab File ID: P9102713.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Toxaphene Peak 1	9.51	Baseline Event	vandorenc	10/30/12 12:06
Toxaphene Peak 2	10.04	Baseline Event	vandorenc	10/30/12 12:06
Toxaphene Peak 3	10.11	Baseline Event	vandorenc	10/30/12 12:06
Toxaphene Peak 4	10.69	Baseline Event	vandorenc	10/30/12 12:06
Toxaphene Peak 5	11.25	Baseline Event	vandorenc	10/30/12 12:06

GC SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Instrument ID: A2HP9 Analysis Batch Number: 63011

Lab Sample ID: STD 240-63011/14 IC Client Sample ID:

Date Analyzed: 10/27/12 18:21 Lab File ID: P9102714.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Toxaphene Peak 1	9.50	Baseline Event	vandorenc	10/30/12 11:59
Toxaphene Peak 2	10.04	Unspecified	vandorenc	10/30/12 12:04
Toxaphene Peak 3	10.11	Unspecified	vandorenc	10/30/12 12:04
Toxaphene Peak 4	10.69	Baseline Event	vandorenc	10/30/12 11:59
Toxaphene Peak 5	11.25	Unspecified	vandorenc	10/30/12 12:04

Lab Sample ID: STD 240-63011/14 IC Client Sample ID:

Date Analyzed: 10/27/12 18:21 Lab File ID: P9102714.D GC Column: CLP-2 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Toxaphene Peak 1	10.41	Unspecified	vandorenc	10/30/12 12:18
Toxaphene Peak 2	11.42	Unspecified	vandorenc	10/30/12 12:18
Toxaphene Peak 3	11.77	Unspecified	vandorenc	10/30/12 12:18
Toxaphene Peak 4	12.27	Unspecified	vandorenc	10/30/12 12:18
Toxaphene Peak 5	12.56	Unspecified	vandorenc	10/30/12 12:18

Lab Sample ID: STD 240-63011/15 IC Client Sample ID:

Date Analyzed: 10/27/12 18:45 Lab File ID: P9102715.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Toxaphene Peak 1	9.51	Baseline Event	vandorenc	10/30/12 12:00
Toxaphene Peak 2	10.04	Unspecified	vandorenc	10/30/12 12:09
Toxaphene Peak 3	10.11	Unspecified	vandorenc	10/30/12 12:09
Toxaphene Peak 4	10.69	Baseline Event	vandorenc	10/30/12 12:00
Toxaphene Peak 5	11.25	Unspecified	vandorenc	10/30/12 12:09

GC SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Instrument ID: A2HP9 Analysis Batch Number: 63011

Lab Sample ID: STD 240-63011/15 IC Client Sample ID:

Date Analyzed: 10/27/12 18:45 Lab File ID: P9102715.D GC Column: CLP-2 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Toxaphene Peak 1	10.41	Unspecified	vandorenc	10/30/12 12:19
Toxaphene Peak 2	11.42	Unspecified	vandorenc	10/30/12 12:19
Toxaphene Peak 3	11.77	Unspecified	vandorenc	10/30/12 12:19
Toxaphene Peak 4	12.27	Unspecified	vandorenc	10/30/12 12:19
Toxaphene Peak 5	12.56	Unspecified	vandorenc	10/30/12 12:19

Lab Sample ID: STD 240-63011/16 IC Client Sample ID:

Date Analyzed: 10/27/12 19:10 Lab File ID: P9102716.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Toxaphene Peak 1	9.50	Baseline Event	vandorenc	10/30/12 12:00
Toxaphene Peak 2	10.04	Unspecified	vandorenc	10/30/12 12:10
Toxaphene Peak 3	10.11	Unspecified	vandorenc	10/30/12 12:10
Toxaphene Peak 4	10.69	Baseline Event	vandorenc	10/30/12 12:00
Toxaphene Peak 5	11.25	Unspecified	vandorenc	10/30/12 12:10

Lab Sample ID: STD 240-63011/16 IC Client Sample ID:

Date Analyzed: 10/27/12 19:10 Lab File ID: P9102716.D GC Column: CLP-2 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Toxaphene Peak 1	10.41	Baseline Event	vandorenc	10/30/12 12:21
Toxaphene Peak 2	11.42	Baseline Event	vandorenc	10/30/12 12:21
Toxaphene Peak 3	11.77	Baseline Event	vandorenc	10/30/12 12:21
Toxaphene Peak 4	12.27	Baseline Event	vandorenc	10/30/12 12:21
Toxaphene Peak 5	12.56	Baseline Event	vandorenc	10/30/12 12:21

GC SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Instrument ID: A2HP9 Analysis Batch Number: 63011

Lab Sample ID: ICV 240-63011/17 Client Sample ID:

Date Analyzed: 10/27/12 19:34 Lab File ID: P9102717.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Toxaphene Peak 1	9.51	Baseline Event	vandorenc	10/30/12 12:23
Toxaphene Peak 2	10.04	Baseline Event	vandorenc	10/30/12 12:23
Toxaphene Peak 3	10.11	Baseline Event	vandorenc	10/30/12 12:23
Toxaphene Peak 4	10.69	Baseline Event	vandorenc	10/30/12 12:23
Toxaphene Peak 5	11.25	Baseline Event	vandorenc	10/30/12 12:23

Lab Sample ID: ICV 240-63011/17 Client Sample ID:

Date Analyzed: 10/27/12 19:34 Lab File ID: P9102717.D GC Column: CLP-2 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Toxaphene Peak 1	10.41	Baseline Event	vandorenc	10/30/12 12:23
Toxaphene Peak 2	11.43	Baseline Event	vandorenc	10/30/12 12:23
Toxaphene Peak 3	11.77	Baseline Event	vandorenc	10/30/12 12:23
Toxaphene Peak 4	12.28	Baseline Event	vandorenc	10/30/12 12:23
Toxaphene Peak 5	12.56	Baseline Event	vandorenc	10/30/12 12:23

GC SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Instrument ID: A2HP9 Analysis Batch Number: 64020

Lab Sample ID: PEM 240-64020/4 Client Sample ID:

Date Analyzed: 11/06/12 18:21 Lab File ID: P9110604.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Endrin	8.91	Baseline Event	vandorenc	11/09/12 08:16

Lab Sample ID: STD 240-64020/5 IC Client Sample ID:

Date Analyzed: 11/06/12 18:50 Lab File ID: P9110605.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
alpha-BHC	4.23	Baseline Event	vandorenc	11/09/12 08:17

GC SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Instrument ID: A2HP9 Analysis Batch Number: 65793

Lab Sample ID: PEM 240-65793/4 Client Sample ID:

Date Analyzed: 11/20/12 08:48 Lab File ID: P9112004.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Endrin aldehyde	10.15	Baseline Event	vandorenc	11/20/12 14:24

Lab Sample ID: CCV 240-65793/7 Client Sample ID:

Date Analyzed: 11/20/12 10:03 Lab File ID: P9112007.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Toxaphene Peak 1	9.48	Baseline Event	vandorenc	11/20/12 14:27
Toxaphene Peak 2	10.02	Baseline Event	vandorenc	11/20/12 14:27
Toxaphene Peak 3	10.09	Baseline Event	vandorenc	11/20/12 14:27
Toxaphene Peak 4	10.67	Baseline Event	vandorenc	11/20/12 14:27
Toxaphene Peak 5	11.23	Baseline Event	vandorenc	11/20/12 14:27

Lab Sample ID: 240-17317-7 MS Client Sample ID: 068SS-0003M-0001-SO MS

Date Analyzed: 11/20/12 14:41 Lab File ID: P9112018.D GC Column: CLP-2 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Methoxychlor	12.37	Poor Chromatography	vandorenc	11/26/12 09:15

Lab Sample ID: 240-17317-7 MSD Client Sample ID: 068SS-0003M-0001-SO MSD

Date Analyzed: 11/20/12 15:06 Lab File ID: P9112019.D GC Column: CLP-2 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Methoxychlor	12.37	Poor Chromatography	vandorenc	11/26/12 09:16

GC SEMI VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Instrument ID: A2HP9 Analysis Batch Number: 65793

Lab Sample ID: CCV 240-65793/27 Client Sample ID:

Date Analyzed: 11/20/12 18:36 Lab File ID: P9112027.D GC Column: CLP-2 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
4,4'-DDE	9.79	Poor Chromatography	vandorenc	11/26/12 09:32

Lab Sample ID: CCV 240-65793/29 Client Sample ID:

Date Analyzed: 11/20/12 19:26 Lab File ID: P9112029.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Toxaphene Peak 1	9.48	Baseline Event	vandorenc	11/26/12 09:35
Toxaphene Peak 2	10.02	Baseline Event	vandorenc	11/26/12 09:35
Toxaphene Peak 3	10.09	Baseline Event	vandorenc	11/26/12 09:35
Toxaphene Peak 4	10.67	Baseline Event	vandorenc	11/26/12 09:35
Toxaphene Peak 5	11.23	Baseline Event	vandorenc	11/26/12 09:35

Lab Sample ID: CCV 240-65793/29 Client Sample ID:

Date Analyzed: 11/20/12 19:26 Lab File ID: P9112029.D GC Column: CLP-2 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Toxaphene Peak 1	10.38	Baseline Event	vandorenc	11/26/12 09:35
Toxaphene Peak 2	11.40	Baseline Event	vandorenc	11/26/12 09:35
Toxaphene Peak 3	11.75	Baseline Event	vandorenc	11/26/12 09:35
Toxaphene Peak 4	12.15	Baseline Event	vandorenc	11/26/12 09:35
Toxaphene Peak 5	12.54	Baseline Event	vandorenc	11/26/12 09:35

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Instrument ID: A2HP13 Analysis Batch Number: 62068

Lab Sample ID: STD005 240-62068/3 IC Client Sample ID:

Date Analyzed: 10/21/12 16:53 Lab File ID: P1300003.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1232 Peak 1	1.59	Baseline Event	hassl	10/22/12 09:01
PCB-1232 Peak 2	1.90	Baseline Event	hassl	10/22/12 09:01
PCB-1232 Peak 3	2.32	Baseline Event	hassl	10/22/12 09:01
PCB-1232 Peak 4	2.46	Baseline Event	hassl	10/22/12 09:01
PCB-1232 Peak 5	2.87	Baseline Event	hassl	10/22/12 09:01

Lab Sample ID: STD01 240-62068/4 IC Client Sample ID:

Date Analyzed: 10/21/12 17:08 Lab File ID: P1300004.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1232 Peak 1	1.59	Split Peak	hassl	10/22/12 09:01
PCB-1232 Peak 2	1.90	Split Peak	hassl	10/22/12 09:01
PCB-1232 Peak 3	2.32	Split Peak	hassl	10/22/12 09:01
PCB-1232 Peak 4	2.46	Split Peak	hassl	10/22/12 09:01
PCB-1232 Peak 5	2.87	Split Peak	hassl	10/22/12 09:01

Lab Sample ID: STD02 240-62068/5 IC Client Sample ID:

Date Analyzed: 10/21/12 17:23 Lab File ID: P1300005.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1232 Peak 1	1.59	Split Peak	hassl	10/22/12 09:01
PCB-1232 Peak 2	1.90	Split Peak	hassl	10/22/12 09:01
PCB-1232 Peak 3	2.32	Split Peak	hassl	10/22/12 09:01
PCB-1232 Peak 4	2.45	Split Peak	hassl	10/22/12 09:01
PCB-1232 Peak 5	2.87	Split Peak	hassl	10/22/12 09:01

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Instrument ID: A2HP13 Analysis Batch Number: 62068

Lab Sample ID: STD05 240-62068/6 IC Client Sample ID:

Date Analyzed: 10/21/12 17:38 Lab File ID: P1300006.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1232 Peak 1	1.59	Split Peak	hassl	10/22/12 09:01
PCB-1232 Peak 2	1.90	Split Peak	hassl	10/22/12 09:01
PCB-1232 Peak 3	2.32	Split Peak	hassl	10/22/12 09:01
PCB-1232 Peak 4	2.45	Split Peak	hassl	10/22/12 09:01
PCB-1232 Peak 5	2.87	Split Peak	hassl	10/22/12 09:01

Lab Sample ID: STD2 240-62068/8 IC Client Sample ID:

Date Analyzed: 10/21/12 18:07 Lab File ID: P1300008.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1232 Peak 1	1.59	Split Peak	hassl	10/22/12 09:02
PCB-1232 Peak 2	1.90	Split Peak	hassl	10/22/12 09:02
PCB-1232 Peak 3	2.32	Split Peak	hassl	10/22/12 09:02
PCB-1232 Peak 4	2.45	Split Peak	hassl	10/22/12 09:02
PCB-1232 Peak 5	2.87	Split Peak	hassl	10/22/12 09:02

Lab Sample ID: STD01 240-62068/10 IC Client Sample ID:

Date Analyzed: 10/21/12 18:37 Lab File ID: P1300010.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1242 Peak 1	1.59	Split Peak	hassl	10/22/12 09:02
PCB-1242 Peak 2	1.90	Split Peak	hassl	10/22/12 09:02
PCB-1242 Peak 3	2.32	Split Peak	hassl	10/22/12 09:02
PCB-1242 Peak 4	2.45	Split Peak	hassl	10/22/12 09:02
PCB-1242 Peak 5	2.87	Split Peak	hassl	10/22/12 09:02

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Instrument ID: A2HP13 Analysis Batch Number: 62068

Lab Sample ID: STD02 240-62068/11 IC Client Sample ID:

Date Analyzed: 10/21/12 18:52 Lab File ID: P1300011.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1242 Peak 1	1.59	Split Peak	hassl	10/22/12 09:03
PCB-1242 Peak 2	1.90	Split Peak	hassl	10/22/12 09:03
PCB-1242 Peak 3	2.32	Split Peak	hassl	10/22/12 09:03
PCB-1242 Peak 4	2.45	Split Peak	hassl	10/22/12 09:03
PCB-1242 Peak 5	2.87	Split Peak	hassl	10/22/12 09:03

Lab Sample ID: STD05 240-62068/12 IC Client Sample ID:

Date Analyzed: 10/21/12 19:07 Lab File ID: P1300012.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1242 Peak 1	1.59	Split Peak	hassl	10/22/12 09:03
PCB-1242 Peak 2	1.90	Split Peak	hassl	10/22/12 09:03
PCB-1242 Peak 3	2.32	Split Peak	hassl	10/22/12 09:03
PCB-1242 Peak 4	2.45	Split Peak	hassl	10/22/12 09:03
PCB-1242 Peak 5	2.87	Split Peak	hassl	10/22/12 09:03

Lab Sample ID: STD1 240-62068/13 IC Client Sample ID:

Date Analyzed: 10/21/12 19:22 Lab File ID: P1300013.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1242 Peak 1	1.59	Split Peak	hassl	10/22/12 09:03
PCB-1242 Peak 2	1.90	Split Peak	hassl	10/22/12 09:03
PCB-1242 Peak 3	2.32	Split Peak	hassl	10/22/12 09:03
PCB-1242 Peak 4	2.45	Split Peak	hassl	10/22/12 09:03
PCB-1242 Peak 5	2.87	Split Peak	hassl	10/22/12 09:03

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Instrument ID: A2HP13 Analysis Batch Number: 62068

Lab Sample ID: STD2 240-62068/14 IC Client Sample ID:

Date Analyzed: 10/21/12 19:37 Lab File ID: P1300014.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1242 Peak 1	1.59	Split Peak	hassl	10/22/12 09:02
PCB-1242 Peak 2	1.90	Split Peak	hassl	10/22/12 09:02
PCB-1242 Peak 3	2.32	Split Peak	hassl	10/22/12 09:02
PCB-1242 Peak 4	2.45	Split Peak	hassl	10/22/12 09:02
PCB-1242 Peak 5	2.87	Split Peak	hassl	10/22/12 09:02

Lab Sample ID: STD005 240-62068/21 IC Client Sample ID:

Date Analyzed: 10/21/12 21:21 Lab File ID: P1300021.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1221 Peak 1	1.44	Split Peak	hassl	10/22/12 09:04
PCB-1221 Peak 2	1.55	Split Peak	hassl	10/22/12 09:04
PCB-1221 Peak 3	1.59	Unspecified	hassl	10/22/12 09:05

Lab Sample ID: STD01 240-62068/22 IC Client Sample ID:

Date Analyzed: 10/21/12 21:36 Lab File ID: P1300022.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1221 Peak 1	1.44	Split Peak	hassl	10/22/12 09:05
PCB-1221 Peak 2	1.55	Split Peak	hassl	10/22/12 09:05
PCB-1221 Peak 3	1.59	Split Peak	hassl	10/22/12 09:05

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Instrument ID: A2HP13 Analysis Batch Number: 62068

Lab Sample ID: STD01 240-62068/22 IC Client Sample ID:

Date Analyzed: 10/21/12 21:36 Lab File ID: P1300022.D GC Column: CLP-2 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1254 Peak 1	4.41	Split Peak	hassl	10/22/12 09:05
PCB-1254 Peak 2	4.92	Split Peak	hassl	10/22/12 09:05
PCB-1254 Peak 3	5.18	Split Peak	hassl	10/22/12 09:05
PCB-1254 Peak 4	5.56	Split Peak	hassl	10/22/12 09:05
PCB-1254 Peak 5	5.78	Split Peak	hassl	10/22/12 09:05

Lab Sample ID: STD02 240-62068/23 IC Client Sample ID:

Date Analyzed: 10/21/12 21:51 Lab File ID: P1300023.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1221 Peak 1	1.44	Split Peak	hassl	10/22/12 09:06
PCB-1221 Peak 2	1.56	Split Peak	hassl	10/22/12 09:06
PCB-1221 Peak 3	1.59	Split Peak	hassl	10/22/12 09:06

Lab Sample ID: STD02 240-62068/23 IC Client Sample ID:

Date Analyzed: 10/21/12 21:51 Lab File ID: P1300023.D GC Column: CLP-2 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1254 Peak 1	4.41	Split Peak	hassl	10/22/12 09:05
PCB-1254 Peak 2	4.92	Split Peak	hassl	10/22/12 09:05
PCB-1254 Peak 3	5.18	Split Peak	hassl	10/22/12 09:05
PCB-1254 Peak 4	5.56	Split Peak	hassl	10/22/12 09:05
PCB-1254 Peak 5	5.78	Split Peak	hassl	10/22/12 09:05

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Instrument ID: A2HP13 Analysis Batch Number: 62068

Lab Sample ID: STD05 240-62068/24 IC Client Sample ID:

Date Analyzed: 10/21/12 22:06 Lab File ID: P1300024.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1221 Peak 1	1.44	Split Peak	hassl	10/22/12 09:07
PCB-1221 Peak 2	1.56	Split Peak	hassl	10/22/12 09:07
PCB-1221 Peak 3	1.59	Split Peak	hassl	10/22/12 09:07

Lab Sample ID: STD1 240-62068/25 IC Client Sample ID:

Date Analyzed: 10/21/12 22:21 Lab File ID: P1300025.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1221 Peak 1	1.44	Split Peak	hassl	10/22/12 09:07
PCB-1221 Peak 2	1.56	Split Peak	hassl	10/22/12 09:07
PCB-1221 Peak 3	1.59	Split Peak	hassl	10/22/12 09:07

Lab Sample ID: STD2 240-62068/26 IC Client Sample ID:

Date Analyzed: 10/21/12 22:36 Lab File ID: P1300026.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1221 Peak 1	1.44	Split Peak	hassl	10/22/12 09:08
PCB-1221 Peak 2	1.56	Split Peak	hassl	10/22/12 09:08
PCB-1221 Peak 3	1.59	Split Peak	hassl	10/22/12 09:08

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Instrument ID: A2HP13 Analysis Batch Number: 62068

Lab Sample ID: STD005 240-62068/27 IC Client Sample ID:

Date Analyzed: 10/21/12 22:51 Lab File ID: P1300027.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1016 Peak 1	1.59	Split Peak	hassl	10/22/12 09:08
PCB-1016 Peak 2	1.90	Split Peak	hassl	10/22/12 09:08
PCB-1016 Peak 3	2.32	Split Peak	hassl	10/22/12 09:08
PCB-1016 Peak 4	2.45	Split Peak	hassl	10/22/12 09:08
PCB-1016 Peak 5	2.87	Split Peak	hassl	10/22/12 09:08

Lab Sample ID: STD01 240-62068/28 IC Client Sample ID:

Date Analyzed: 10/21/12 23:06 Lab File ID: P1300028.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1016 Peak 1	1.59	Split Peak	hassl	10/22/12 09:08
PCB-1016 Peak 2	1.90	Split Peak	hassl	10/22/12 09:08
PCB-1016 Peak 3	2.32	Split Peak	hassl	10/22/12 09:08
PCB-1016 Peak 4	2.45	Split Peak	hassl	10/22/12 09:08
PCB-1016 Peak 5	2.87	Split Peak	hassl	10/22/12 09:08

Lab Sample ID: STD02 240-62068/29 IC Client Sample ID:

Date Analyzed: 10/21/12 23:21 Lab File ID: P1300029.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1016 Peak 1	1.59	Split Peak	hassl	10/22/12 09:09
PCB-1016 Peak 2	1.90	Split Peak	hassl	10/22/12 09:09
PCB-1016 Peak 3	2.32	Split Peak	hassl	10/22/12 09:09
PCB-1016 Peak 4	2.45	Split Peak	hassl	10/22/12 09:09
PCB-1016 Peak 5	2.87	Split Peak	hassl	10/22/12 09:09

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Instrument ID: A2HP13 Analysis Batch Number: 62068

Lab Sample ID: STD05 240-62068/30 ICRT Client Sample ID:

Date Analyzed: 10/21/12 23:36 Lab File ID: P1300030.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1016 Peak 1	1.59	Split Peak	hassl	10/22/12 09:09
PCB-1016 Peak 2	1.90	Split Peak	hassl	10/22/12 09:09
PCB-1016 Peak 3	2.32	Split Peak	hassl	10/22/12 09:09
PCB-1016 Peak 4	2.45	Split Peak	hassl	10/22/12 09:09
PCB-1016 Peak 5	2.87	Split Peak	hassl	10/22/12 09:09

Lab Sample ID: STD1 240-62068/31 IC Client Sample ID:

Date Analyzed: 10/21/12 23:50 Lab File ID: P1300031.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1016 Peak 1	1.59	Split Peak	hassl	10/22/12 09:09
PCB-1016 Peak 2	1.90	Split Peak	hassl	10/22/12 09:09
PCB-1016 Peak 3	2.32	Split Peak	hassl	10/22/12 09:09
PCB-1016 Peak 4	2.45	Split Peak	hassl	10/22/12 09:09
PCB-1016 Peak 5	2.87	Split Peak	hassl	10/22/12 09:09

Lab Sample ID: STD2 240-62068/32 IC Client Sample ID:

Date Analyzed: 10/22/12 00:05 Lab File ID: P1300032.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1016 Peak 1	1.59	Split Peak	hassl	10/22/12 09:09
PCB-1016 Peak 2	1.90	Split Peak	hassl	10/22/12 09:09
PCB-1016 Peak 3	2.32	Split Peak	hassl	10/22/12 09:09
PCB-1016 Peak 4	2.45	Split Peak	hassl	10/22/12 09:09
PCB-1016 Peak 5	2.87	Split Peak	hassl	10/22/12 09:09

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Instrument ID: A2HP13 Analysis Batch Number: 62068

Lab Sample ID: ICV 240-62068/45 Client Sample ID:

Date Analyzed: 10/22/12 03:19 Lab File ID: P1300045.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1221 Peak 1	1.44	Split Peak	hassl	10/22/12 09:10
PCB-1221 Peak 2	1.56	Split Peak	hassl	10/22/12 09:10
PCB-1221 Peak 3	1.59	Split Peak	hassl	10/22/12 09:10

Lab Sample ID: ICV 240-62068/46 Client Sample ID:

Date Analyzed: 10/22/12 03:34 Lab File ID: P1300046.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1232 Peak 1	1.59	Split Peak	hassl	10/22/12 09:16
PCB-1232 Peak 2	1.90	Split Peak	hassl	10/22/12 09:16
PCB-1232 Peak 3	2.32	Split Peak	hassl	10/22/12 09:16
PCB-1232 Peak 4	2.45	Split Peak	hassl	10/22/12 09:16
PCB-1232 Peak 5	2.87	Split Peak	hassl	10/22/12 09:16

Lab Sample ID: ICV 240-62068/47 Client Sample ID:

Date Analyzed: 10/22/12 03:49 Lab File ID: P1300047.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1242 Peak 1	1.59	Split Peak	hassl	10/22/12 09:15
PCB-1242 Peak 2	1.90	Split Peak	hassl	10/22/12 09:15
PCB-1242 Peak 3	2.32	Split Peak	hassl	10/22/12 09:15
PCB-1242 Peak 4	2.45	Split Peak	hassl	10/22/12 09:15
PCB-1242 Peak 5	2.87	Split Peak	hassl	10/22/12 09:15

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Instrument ID: A2HP13 Analysis Batch Number: 62068

Lab Sample ID: ICV 240-62068/50 Client Sample ID:

Date Analyzed: 10/22/12 04:34 Lab File ID: P1300050.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1016 Peak 1	1.59	Split Peak	hassl	10/22/12 09:15
PCB-1016 Peak 2	1.90	Split Peak	hassl	10/22/12 09:15
PCB-1016 Peak 3	2.33	Split Peak	hassl	10/22/12 09:15
PCB-1016 Peak 4	2.45	Split Peak	hassl	10/22/12 09:15
PCB-1016 Peak 5	2.87	Split Peak	hassl	10/22/12 09:15

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Instrument ID: A2HP13 Analysis Batch Number: 65670

Lab Sample ID: 240-17317-7 MS Client Sample ID: 068SS-0003M-0001-SO MS

Date Analyzed: 11/20/12 05:35 Lab File ID: P1300015.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1016 Peak 1	1.59	Split Peak	hassl	11/20/12 11:44
PCB-1016 Peak 2	1.90	Split Peak	hassl	11/20/12 11:44
PCB-1016 Peak 3	2.33	Split Peak	hassl	11/20/12 11:44
PCB-1016 Peak 4	2.46	Split Peak	hassl	11/20/12 11:44
PCB-1016 Peak 5	2.87	Split Peak	hassl	11/20/12 11:44

Lab Sample ID: 240-17317-7 MSD Client Sample ID: 068SS-0003M-0001-SO MSD

Date Analyzed: 11/20/12 05:50 Lab File ID: P1300016.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1016 Peak 1	1.59	Split Peak	hassl	11/20/12 11:45
PCB-1016 Peak 2	1.90	Split Peak	hassl	11/20/12 11:45
PCB-1016 Peak 3	2.33	Split Peak	hassl	11/20/12 11:45
PCB-1016 Peak 4	2.46	Split Peak	hassl	11/20/12 11:45
PCB-1016 Peak 5	2.87	Split Peak	hassl	11/20/12 11:45

Lab Sample ID: CCV 240-65670/21 Client Sample ID:

Date Analyzed: 11/20/12 07:04 Lab File ID: P1300021.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1016 Peak 1	1.59	Split Peak	hassl	11/20/12 14:14
PCB-1016 Peak 2	1.90	Split Peak	hassl	11/20/12 14:14
PCB-1016 Peak 3	2.33	Split Peak	hassl	11/20/12 14:14
PCB-1016 Peak 4	2.46	Split Peak	hassl	11/20/12 14:14
PCB-1016 Peak 5	2.87	Split Peak	hassl	11/20/12 14:14

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Instrument ID: A2HP13 Analysis Batch Number: 65670

Lab Sample ID: 240-17317-19 MS Client Sample ID: 076SD-0009-0001-SO MS

Date Analyzed: 11/20/12 08:19 Lab File ID: P1300026.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1260 Peak 1	4.17	Baseline Event	hassl	11/20/12 11:48
PCB-1260 Peak 2	4.48	Baseline Event	hassl	11/20/12 11:48
PCB-1260 Peak 3	4.77	Baseline Event	hassl	11/20/12 11:48
PCB-1260 Peak 4	5.53	Baseline Event	hassl	11/20/12 11:48
PCB-1260 Peak 5	5.83	Baseline Event	hassl	11/20/12 11:48

Lab Sample ID: LCS 240-65400/24-A Client Sample ID:

Date Analyzed: 11/20/12 09:34 Lab File ID: P1300031.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1016 Peak 1	1.59	Split Peak	hassl	11/20/12 13:44
PCB-1016 Peak 2	1.90	Split Peak	hassl	11/20/12 13:44
PCB-1016 Peak 3	2.33	Split Peak	hassl	11/20/12 13:44
PCB-1016 Peak 4	2.46	Split Peak	hassl	11/20/12 13:44
PCB-1016 Peak 5	2.87	Split Peak	hassl	11/20/12 13:44

PCBS MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Instrument ID: A2HP13 Analysis Batch Number: 65670

Lab Sample ID: CCV 240-65670/40 Client Sample ID:

Date Analyzed: 11/20/12 11:19 Lab File ID: P1300038.D GC Column: CLP-1 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1016 Peak 1	1.59	Baseline Event	hassl	11/20/12 11:55
PCB-1016 Peak 2	1.90	Baseline Event	hassl	11/20/12 11:55
PCB-1016 Peak 3	2.33	Baseline Event	hassl	11/20/12 11:55
PCB-1016 Peak 4	2.46	Baseline Event	hassl	11/20/12 11:55
PCB-1016 Peak 5	2.87	Baseline Event	hassl	11/20/12 11:55
PCB-1260 Peak 1	4.17	Baseline Event	hassl	11/20/12 11:55
PCB-1260 Peak 2	4.48	Baseline Event	hassl	11/20/12 11:55
PCB-1260 Peak 3	4.77	Baseline Event	hassl	11/20/12 11:55
PCB-1260 Peak 4	5.53	Baseline Event	hassl	11/20/12 11:55
PCB-1260 Peak 5	5.83	Baseline Event	hassl	11/20/12 11:55

Lab Sample ID: CCV 240-65670/40 Client Sample ID:

Date Analyzed: 11/20/12 11:19 Lab File ID: P1300038.D GC Column: CLP-2 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PCB-1260 Peak 1	5.14	Baseline Event	hassl	11/20/12 11:55
PCB-1260 Peak 2	5.39	Baseline Event	hassl	11/20/12 11:55
PCB-1260 Peak 3	5.77	Baseline Event	hassl	11/20/12 11:55
PCB-1260 Peak 4	6.51	Baseline Event	hassl	11/20/12 11:55
PCB-1260 Peak 5	6.91	Baseline Event	hassl	11/20/12 11:55

HPLC/IC MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica West Sacramento Job No.: 240-17317-1

SDG No.:

Instrument ID: PDA1 Analysis Batch Number: 4663

Lab Sample ID: CCVL 320-4663/13 Client Sample ID:

Date Analyzed: 10/17/12 11:38 Lab File ID: HPNQL2_00003001-1.d GC Column: Luna NH2 ID: 4.6(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Nitroguanidine	4.23	Split Peak	noonanr	10/17/12 12:29

8330 Modified

HPLC/IC MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica West Sacramento Job No.: 240-17317-1

SDG No.:

Instrument ID: PDA1 Analysis Batch Number: 6340

Lab Sample ID: 240-17317-19 MS Client Sample ID: 076SD-0009-0001-SO MS

Date Analyzed: 11/26/12 15:51 Lab File ID: 320-0001520-018-1.d GC Column: Luna NH2 ID: 4.6(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Nitroguanidine	4.27	Split Peak	noonanr	11/27/12 07:43

Lab Sample ID: 240-17317-19 MSD Client Sample ID: 076SD-0009-0001-SO MSD

Date Analyzed: 11/26/12 16:05 Lab File ID: 320-0001520-019-1.d GC Column: Luna NH2 ID: 4.6(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Nitroguanidine	4.27	Split Peak	noonanr	11/27/12 07:44

8330 Modified

HPLC/IC MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica West Sacramento Job No.: 240-17317-1

SDG No.:

Instrument ID: LC10 Analysis Batch Number: 3377

Lab Sample ID: STD05 320-3377/6 IC Client Sample ID:

Date Analyzed: 09/01/12 14:30 Lab File ID: A-000010.D GC Column: Synergi C18 ID: 4.6(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
3-Nitrotoluene	27.05	Baseline	noonanr	09/13/12 09:42

HPLC/IC MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica West Sacramento Job No.: 240-17317-1

SDG No.:

Instrument ID: LC10 Analysis Batch Number: 6177

Lab Sample ID: CCVL 320-6177/13 Client Sample ID:

Date Analyzed: 11/20/12 21:41 Lab File ID: T-000013.D GC Column: Synergi C18 ID: 4.6(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PETN	28.65	Incomplete Integration	noonanr	11/21/12 12:04

Lab Sample ID: 240-17317-19 MS Client Sample ID: 076SD-0009-0001-SO MS

Date Analyzed: 11/21/12 07:48 Lab File ID: T-000028.D GC Column: Synergi C18 ID: 4.6(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2-Nitrotoluene	22.79	Incomplete Integration	noonanr	11/21/12 12:43

Lab Sample ID: 240-17317-19 MSD Client Sample ID: 076SD-0009-0001-SO MSD

Date Analyzed: 11/21/12 08:29 Lab File ID: T-000029.D GC Column: Synergi C18 ID: 4.6(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PETN	28.71	Incomplete Integration	noonanr	11/21/12 12:44

Lab Sample ID: CCVL 320-6177/43 Client Sample ID:

Date Analyzed: 11/21/12 17:56 Lab File ID: T-000043.D GC Column: Synergi C18 ID: 4.6(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
RDX	7.52	Incomplete Integration	noonanr	11/26/12 08:47
PETN	28.67	Incomplete Integration	noonanr	11/26/12 08:47

HPLC/IC MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica West Sacramento Job No.: 240-17317-1

SDG No.:

Instrument ID: LC12 Analysis Batch Number: 4221

Lab Sample ID: LODV 320-4221/13 Client Sample ID:

Date Analyzed: 10/02/12 00:29 Lab File ID: C-000015.D GC Column: Zorbax CN ID: 4.6(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
PETN	52.75	Baseline	noonanr	10/02/12 09:20

HPLC/IC MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica West Sacramento Job No.: 240-17317-1

SDG No.:

Instrument ID: LC12 Analysis Batch Number: 6234

Lab Sample ID: CCVL 320-6234/4 Client Sample ID:

Date Analyzed: 11/21/12 16:53 Lab File ID: U000004.D GC Column: Zorbax CN ID: 4.6(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,3-Dinitrobenzene	23.39	Incomplete Integration	noonanr	11/26/12 08:51

Lab Sample ID: 240-17317-7 Client Sample ID: 068SS-0003M-0001-SO

Date Analyzed: 11/21/12 22:21 Lab File ID: U000009.D GC Column: Zorbax CN ID: 4.6(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Tetryl	45.27	Split Peak	noonanr	11/26/12 09:01

Lab Sample ID: 240-17317-8 Client Sample ID: 068SS-0004M-0001-SO

Date Analyzed: 11/21/12 23:26 Lab File ID: U000010.D GC Column: Zorbax CN ID: 4.6(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Tetryl	45.24	Split Peak	noonanr	11/26/12 09:02

Lab Sample ID: 240-17317-19 Client Sample ID: 076SD-0009-0001-SO

Date Analyzed: 11/22/12 01:37 Lab File ID: U000012.D GC Column: Zorbax CN ID: 4.6(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
3,4-Dinitrotoluene	36.45	Split Peak	noonanr	11/26/12 09:07

Lab Sample ID: 240-17317-20 Client Sample ID: 076SD-0010-0001-SO

Date Analyzed: 11/22/12 02:43 Lab File ID: U000013.D GC Column: Zorbax CN ID: 4.6(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
3,4-Dinitrotoluene	36.47	Split Peak	noonanr	11/26/12 09:09

HPLC/IC MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica West Sacramento Job No.: 240-17317-1

SDG No.:

Instrument ID: LC12 Analysis Batch Number: 6234

Lab Sample ID: 240-17317-21 Client Sample ID: 076SD-0011-0001-SO

Date Analyzed: 11/22/12 04:54 Lab File ID: U000015.D GC Column: Zorbax CN ID: 4.6(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Tetryl	45.16	Baseline	noonanr	11/26/12 09:13

Lab Sample ID: 240-17317-22 Client Sample ID: 076SD-0012-0001-SO

Date Analyzed: 11/22/12 06:00 Lab File ID: U000016.D GC Column: Zorbax CN ID: 4.6(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
3,4-Dinitrotoluene	36.37	Split Peak	noonanr	11/26/12 09:16

Lab Sample ID: CCVL 320-6234/21 Client Sample ID:

Date Analyzed: 11/22/12 11:27 Lab File ID: U000021.D GC Column: Zorbax CN ID: 4.6(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2,6-Dinitrotoluene	31.66	Split Peak	noonanr	11/26/12 09:45

SAMPLE SUMMARY

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
240-17317-1	076SS-0002M-0001-SO	Solid	11/06/2012 0840	11/07/2012 1730
240-17317-2	076SS-0001M-0001-SO	Solid	11/06/2012 0923	11/07/2012 1730
240-17317-3	076SS-0005M-0001-SO	Solid	11/06/2012 1830	11/07/2012 1730
240-17317-4	076SS-0006M-0001-SO	Solid	11/06/2012 1800	11/07/2012 1730
240-17317-5	068SS-0001M-0001-SO	Solid	11/06/2012 1240	11/07/2012 1730
240-17317-6	068SS-0002M-0001-SO	Solid	11/06/2012 1210	11/07/2012 1730
240-17317-7	068SS-0003M-0001-SO	Solid	11/06/2012 1200	11/07/2012 1730
240-17317-7MS	068SS-0003M-0001-SO	Solid	11/06/2012 1200	11/07/2012 1730
240-17317-7MSD	068SS-0003M-0001-SO	Solid	11/06/2012 1200	11/07/2012 1730
240-17317-7DU	068SS-0003M-0001-SO	Solid	11/06/2012 1200	11/07/2012 1730
240-17317-8	068SS-0004M-0001-SO	Solid	11/06/2012 1200	11/07/2012 1730
240-17317-9	076SS-0004M-0001-SO	Solid	11/06/2012 1000	11/07/2012 1730
240-17317-10	076SS-0003M-0001-SO	Solid	11/06/2012 0920	11/07/2012 1730
240-17317-11	070SS-0006M-0001-SO	Solid	11/07/2012 0850	11/07/2012 1730
240-17317-11MS	070SS-0006M-0001-SO	Solid	11/07/2012 0850	11/07/2012 1730
240-17317-11MSD	070SS-0006M-0001-SO	Solid	11/07/2012 0850	11/07/2012 1730
240-17317-11DU	070SS-0006M-0001-SO	Solid	11/07/2012 0850	11/07/2012 1730
240-17317-12	070SS-0007M-0001-SO	Solid	11/07/2012 0850	11/07/2012 1730
240-17317-13	070SS-0002M-0001-SO	Solid	11/07/2012 0910	11/07/2012 1730
240-17317-14	068SS-0005M-0001-SO	Solid	11/06/2012 1350	11/07/2012 1730
240-17317-15	068SS-0006M-0001-SO	Solid	11/06/2012 1545	11/07/2012 1730
240-17317-16	068SS-0007M-0001-SO	Solid	11/06/2012 1615	11/07/2012 1730
240-17317-17	068SS-0008M-0001-SO	Solid	11/06/2012 1510	11/07/2012 1730
240-17317-18	076SD-0008-0001-SO	Solid	11/06/2012 1810	11/07/2012 1730
240-17317-19	076SD-0009-0001-SO	Solid	11/06/2012 1815	11/07/2012 1730
240-17317-19MS	076SD-0009-0001-SO	Solid	11/06/2012 1815	11/07/2012 1730
240-17317-19MSD	076SD-0009-0001-SO	Solid	11/06/2012 1815	11/07/2012 1730
240-17317-19DU	076SD-0009-0001-SO	Solid	11/06/2012 1815	11/07/2012 1730
240-17317-20	076SD-0010-0001-SO	Solid	11/06/2012 1815	11/07/2012 1730
240-17317-21	076SD-0011-0001-SO	Solid	11/06/2012 1825	11/07/2012 1730
240-17317-22	076SD-0012-0001-SO	Solid	11/06/2012 1830	11/07/2012 1730
240-17317-23	079SS-0002M-0001-SO	Solid	11/07/2012 1325	11/07/2012 1730
240-17317-24	079SS-0001M-0001-SO	Solid	11/07/2012 1230	11/07/2012 1730
240-17317-25	076SS-0027-0001-TB	Water	11/07/2012 0800	11/07/2012 1730

EXECUTIVE SUMMARY - Detections

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-17317-1	**076SS-0002M-0001-SO**					
Acetone		25	J	36	ug/Kg	8260B/DoD
Acenaphthene		220	D	33	ug/Kg	8270C/DoD
Acenaphthylene		28	J D	33	ug/Kg	8270C/DoD
Anthracene		790	D	33	ug/Kg	8270C/DoD
Benzo[a]anthracene		1500	D	33	ug/Kg	8270C/DoD
Benzo[a]pyrene		1300	D	33	ug/Kg	8270C/DoD
Benzo[b]fluoranthene		2000	D	33	ug/Kg	8270C/DoD
Benzo[g,h,i]perylene		600	D	33	ug/Kg	8270C/DoD
Benzo[k]fluoranthene		660	D M	33	ug/Kg	8270C/DoD
Carbazole		490	D	250	ug/Kg	8270C/DoD
Chrysene		1500	D	33	ug/Kg	8270C/DoD
Dibenz(a,h)anthracene		200	D M	33	ug/Kg	8270C/DoD
Dibenzofuran		330	D	250	ug/Kg	8270C/DoD
Fluoranthene		4100	D	33	ug/Kg	8270C/DoD
Fluorene		340	D	33	ug/Kg	8270C/DoD
Indeno[1,2,3-cd]pyrene		610	D	33	ug/Kg	8270C/DoD
2-Methylnaphthalene		210	D	33	ug/Kg	8270C/DoD
Naphthalene		350	D	33	ug/Kg	8270C/DoD
Phenanthrene		3700	D	33	ug/Kg	8270C/DoD
Pyrene		2800	D	33	ug/Kg	8270C/DoD
Aroclor-1260		68		55	ug/Kg	8082/DOD
Aluminum		8900		9.5	mg/Kg	6020/DOD
Antimony		0.43	J D	0.95	mg/Kg	6020/DOD
Arsenic		15		0.48	mg/Kg	6020/DOD
Barium		62	D	2.4	mg/Kg	6020/DOD
Beryllium		0.66		0.095	mg/Kg	6020/DOD
Cadmium		0.33		0.19	mg/Kg	6020/DOD
Calcium		4500		190	mg/Kg	6020/DOD
Chromium		17		0.48	mg/Kg	6020/DOD
Cobalt		7.5		0.095	mg/Kg	6020/DOD
Copper		20		0.38	mg/Kg	6020/DOD
Iron		20000		48	mg/Kg	6020/DOD
Lead		37	D	1.4	mg/Kg	6020/DOD
Magnesium		2400		95	mg/Kg	6020/DOD
Manganese		460		0.48	mg/Kg	6020/DOD
Nickel		24		0.48	mg/Kg	6020/DOD
Potassium		650		95	mg/Kg	6020/DOD
Selenium		0.71		0.48	mg/Kg	6020/DOD
Silver		0.046	J	0.095	mg/Kg	6020/DOD
Sodium		47	J	95	mg/Kg	6020/DOD
Vanadium		15		0.48	mg/Kg	6020/DOD
Zinc		61		3.8	mg/Kg	6020/DOD
Hg		0.099	J	0.11	mg/Kg	7471/DOD
Percent Solids		47		0.10	%	Moisture
Percent Moisture		53		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method

EXECUTIVE SUMMARY - Detections

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-17317-2	**076SS-0001M-0001-SO**					
Carbon disulfide		0.79	J	4.6	ug/Kg	8260B/DoD
Acenaphthene		660	D	83	ug/Kg	8270C/DoD
Acenaphthylene		55	J D	83	ug/Kg	8270C/DoD
Anthracene		2600	D	83	ug/Kg	8270C/DoD
Benzo[a]anthracene		5800	D	83	ug/Kg	8270C/DoD
Benzo[a]pyrene		5100	D	83	ug/Kg	8270C/DoD
Benzo[b]fluoranthene		8000	D	83	ug/Kg	8270C/DoD
Benzo[g,h,i]perylene		2000	D	83	ug/Kg	8270C/DoD
Benzo[k]fluoranthene		2200	D M	83	ug/Kg	8270C/DoD
Carbazole		1700	D	620	ug/Kg	8270C/DoD
Chrysene		6000	D	83	ug/Kg	8270C/DoD
Dibenz(a,h)anthracene		720	D	83	ug/Kg	8270C/DoD
Dibenzofuran		1000	D	620	ug/Kg	8270C/DoD
Fluoranthene		16000	D	83	ug/Kg	8270C/DoD
Fluorene		1000	D	83	ug/Kg	8270C/DoD
Indeno[1,2,3-cd]pyrene		1900	D	83	ug/Kg	8270C/DoD
2-Methylnaphthalene		450	D	83	ug/Kg	8270C/DoD
Naphthalene		700	D	83	ug/Kg	8270C/DoD
Phenanthrene		13000	D	83	ug/Kg	8270C/DoD
Pyrene		11000	D	83	ug/Kg	8270C/DoD
Aroclor-1260		42	J	55	ug/Kg	8082/DOD
Aluminum		13000		8.2	mg/Kg	6020/DOD
Antimony		0.31		0.16	mg/Kg	6020/DOD
Arsenic		12		0.41	mg/Kg	6020/DOD
Barium		130		0.41	mg/Kg	6020/DOD
Beryllium		1.7		0.082	mg/Kg	6020/DOD
Cadmium		1.1		0.16	mg/Kg	6020/DOD
Calcium		44000	D	820	mg/Kg	6020/DOD
Chromium		27		0.41	mg/Kg	6020/DOD
Cobalt		6.1		0.082	mg/Kg	6020/DOD
Copper		17		0.33	mg/Kg	6020/DOD
Iron		20000		41	mg/Kg	6020/DOD
Lead		55		0.25	mg/Kg	6020/DOD
Magnesium		7400		82	mg/Kg	6020/DOD
Manganese		1300	D	2.0	mg/Kg	6020/DOD
Nickel		27		0.41	mg/Kg	6020/DOD
Potassium		840		82	mg/Kg	6020/DOD
Selenium		0.87		0.41	mg/Kg	6020/DOD
Silver		0.047	J	0.082	mg/Kg	6020/DOD
Sodium		180		82	mg/Kg	6020/DOD
Thallium		0.17		0.16	mg/Kg	6020/DOD
Vanadium		14		0.41	mg/Kg	6020/DOD
Zinc		86		3.3	mg/Kg	6020/DOD
Hg		0.084	J	0.11	mg/Kg	7471/DOD
Percent Solids		85		0.10	%	Moisture
Percent Moisture		15		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method

EXECUTIVE SUMMARY - Detections

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-17317-3	**076SS-0005M-0001-SO**					
Acetone		11	J	27	ug/Kg	8260B/DoD
Acenaphthene		86		17	ug/Kg	8270C/DoD
Acenaphthylene		28		17	ug/Kg	8270C/DoD
Anthracene		280		17	ug/Kg	8270C/DoD
Benzo[a]anthracene		540		17	ug/Kg	8270C/DoD
Benzo[a]pyrene		510		17	ug/Kg	8270C/DoD
Benzo[b]fluoranthene		790		17	ug/Kg	8270C/DoD
Benzo[g,h,i]perylene		200		17	ug/Kg	8270C/DoD
Benzo[k]fluoranthene		300	M	17	ug/Kg	8270C/DoD
Carbazole		170		130	ug/Kg	8270C/DoD
Chrysene		570		17	ug/Kg	8270C/DoD
Dibenz(a,h)anthracene		81	M	17	ug/Kg	8270C/DoD
Dibenzofuran		130		130	ug/Kg	8270C/DoD
Fluoranthene		1400		17	ug/Kg	8270C/DoD
Fluorene		130		17	ug/Kg	8270C/DoD
Indeno[1,2,3-cd]pyrene		210		17	ug/Kg	8270C/DoD
2-Methylnaphthalene		140		17	ug/Kg	8270C/DoD
Naphthalene		160		17	ug/Kg	8270C/DoD
Phenanthrene		1200		17	ug/Kg	8270C/DoD
Pyrene		940		17	ug/Kg	8270C/DoD
Aluminum		17000		8.5	mg/Kg	6020/DOD
Antimony		0.23		0.17	mg/Kg	6020/DOD
Arsenic		7.8		0.43	mg/Kg	6020/DOD
Barium		170		0.43	mg/Kg	6020/DOD
Beryllium		2.1		0.085	mg/Kg	6020/DOD
Cadmium		0.30		0.17	mg/Kg	6020/DOD
Calcium		78000	D	1700	mg/Kg	6020/DOD
Chromium		24		0.43	mg/Kg	6020/DOD
Cobalt		5.3		0.085	mg/Kg	6020/DOD
Copper		10		0.34	mg/Kg	6020/DOD
Iron		15000		43	mg/Kg	6020/DOD
Lead		63		0.26	mg/Kg	6020/DOD
Magnesium		11000	D	850	mg/Kg	6020/DOD
Manganese		1900	D	4.3	mg/Kg	6020/DOD
Nickel		16		0.43	mg/Kg	6020/DOD
Potassium		1100		85	mg/Kg	6020/DOD
Selenium		1.2		0.43	mg/Kg	6020/DOD
Silver		0.037	J	0.085	mg/Kg	6020/DOD
Sodium		330		85	mg/Kg	6020/DOD
Thallium		0.14	J	0.17	mg/Kg	6020/DOD
Vanadium		16		0.43	mg/Kg	6020/DOD
Zinc		70		3.4	mg/Kg	6020/DOD
Hg		0.071	J	0.090	mg/Kg	7471/DOD
Percent Solids		88		0.10	%	Moisture
Percent Moisture		12		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-17317-4	**076SS-0006M-0001-SO**					
Acetone		46		23	ug/Kg	8260B/DoD
Carbon disulfide		1.0	J	5.9	ug/Kg	8260B/DoD
Acenaphthene		220	D	34	ug/Kg	8270C/DoD
Acenaphthylene		95	D	34	ug/Kg	8270C/DoD
Anthracene		630	D	34	ug/Kg	8270C/DoD
Benzo[a]anthracene		1700	D	34	ug/Kg	8270C/DoD
Benzo[a]pyrene		1500	D	34	ug/Kg	8270C/DoD
Benzo[b]fluoranthene		2300	D	34	ug/Kg	8270C/DoD
Benzo[g,h,i]perylene		640	D	34	ug/Kg	8270C/DoD
Benzo[k]fluoranthene		830	D M	34	ug/Kg	8270C/DoD
Carbazole		390	D	250	ug/Kg	8270C/DoD
Chrysene		1700	D	34	ug/Kg	8270C/DoD
Dibenz(a,h)anthracene		210	D	34	ug/Kg	8270C/DoD
Dibenzofuran		390	D	250	ug/Kg	8270C/DoD
Fluoranthene		4100	D	34	ug/Kg	8270C/DoD
Fluorene		270	D	34	ug/Kg	8270C/DoD
Indeno[1,2,3-cd]pyrene		650	D	34	ug/Kg	8270C/DoD
2-Methylnaphthalene		1000	D	34	ug/Kg	8270C/DoD
Naphthalene		750	D	34	ug/Kg	8270C/DoD
Phenanthrene		3000	D	34	ug/Kg	8270C/DoD
Pyrene		3000	D	34	ug/Kg	8270C/DoD
Aluminum		11000		7.8	mg/Kg	6020/DOD
Antimony		0.16		0.16	mg/Kg	6020/DOD
Arsenic		8.7		0.39	mg/Kg	6020/DOD
Barium		140		0.39	mg/Kg	6020/DOD
Beryllium		1.8		0.078	mg/Kg	6020/DOD
Cadmium		0.33		0.16	mg/Kg	6020/DOD
Calcium		57000	D	1600	mg/Kg	6020/DOD
Chromium		27		0.39	mg/Kg	6020/DOD
Cobalt		3.7		0.078	mg/Kg	6020/DOD
Copper		11		0.31	mg/Kg	6020/DOD
Iron		12000		39	mg/Kg	6020/DOD
Lead		46		0.23	mg/Kg	6020/DOD
Magnesium		6600		78	mg/Kg	6020/DOD
Manganese		1500	D	3.9	mg/Kg	6020/DOD
Nickel		19		0.39	mg/Kg	6020/DOD
Potassium		840		78	mg/Kg	6020/DOD
Selenium		1.0		0.39	mg/Kg	6020/DOD
Silver		0.039	J	0.078	mg/Kg	6020/DOD
Sodium		280		78	mg/Kg	6020/DOD
Thallium		0.12	J	0.16	mg/Kg	6020/DOD
Vanadium		8.5		0.39	mg/Kg	6020/DOD
Zinc		54		3.1	mg/Kg	6020/DOD
Hg		0.048	J	0.10	mg/Kg	7471/DOD
Percent Solids		83		0.10	%	Moisture
Percent Moisture		17		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Lab Sample ID Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method

EXECUTIVE SUMMARY - Detections

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-17317-5	**068SS-0001M-0001-SO**					
Acenaphthene		5.6	J	6.6	ug/Kg	8270C/DoD
Acenaphthylene		20		6.6	ug/Kg	8270C/DoD
Anthracene		39		6.6	ug/Kg	8270C/DoD
Benzo[a]anthracene		170		6.6	ug/Kg	8270C/DoD
Benzo[a]pyrene		150		6.6	ug/Kg	8270C/DoD
Benzo[b]fluoranthene		300		6.6	ug/Kg	8270C/DoD
Benzo[g,h,i]perylene		78		6.6	ug/Kg	8270C/DoD
Benzo[k]fluoranthene		79	M	6.6	ug/Kg	8270C/DoD
Bis(2-ethylhexyl) phthalate		47	J	50	ug/Kg	8270C/DoD
Chrysene		220		6.6	ug/Kg	8270C/DoD
Dibenz(a,h)anthracene		32		6.6	ug/Kg	8270C/DoD
Dibenzofuran		9.6	J	50	ug/Kg	8270C/DoD
Diethyl phthalate		26	J	50	ug/Kg	8270C/DoD
Di-n-butyl phthalate		31	J M	50	ug/Kg	8270C/DoD
Fluoranthene		260		6.6	ug/Kg	8270C/DoD
Fluorene		7.9		6.6	ug/Kg	8270C/DoD
Indeno[1,2,3-cd]pyrene		76		6.6	ug/Kg	8270C/DoD
Isophorone		22	J	50	ug/Kg	8270C/DoD
2-Methylnaphthalene		18		6.6	ug/Kg	8270C/DoD
Naphthalene		14		6.6	ug/Kg	8270C/DoD
Phenanthrene		76		6.6	ug/Kg	8270C/DoD
Pyrene		200		6.6	ug/Kg	8270C/DoD
Aluminum		13000		9.3	mg/Kg	6020/DOD
Antimony		0.22		0.19	mg/Kg	6020/DOD
Arsenic		9.3		0.47	mg/Kg	6020/DOD
Barium		95		0.47	mg/Kg	6020/DOD
Beryllium		0.90		0.093	mg/Kg	6020/DOD
Cadmium		0.28		0.19	mg/Kg	6020/DOD
Calcium		29000		370	mg/Kg	6020/DOD
Chromium		21		0.47	mg/Kg	6020/DOD
Cobalt		7.8		0.093	mg/Kg	6020/DOD
Copper		16		0.37	mg/Kg	6020/DOD
Iron		23000		47	mg/Kg	6020/DOD
Lead		21		0.28	mg/Kg	6020/DOD
Magnesium		4700		93	mg/Kg	6020/DOD
Manganese		820		0.93	mg/Kg	6020/DOD
Nickel		22		0.47	mg/Kg	6020/DOD
Potassium		1100		93	mg/Kg	6020/DOD
Selenium		0.60		0.47	mg/Kg	6020/DOD
Silver		0.033	J	0.093	mg/Kg	6020/DOD
Sodium		96		93	mg/Kg	6020/DOD
Thallium		0.15	J	0.19	mg/Kg	6020/DOD
Vanadium		19		0.47	mg/Kg	6020/DOD
Zinc		90		3.7	mg/Kg	6020/DOD
Hg		0.13		0.11	mg/Kg	7471/DOD
Percent Solids		85		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
Percent Moisture		15		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-17317-6	**068SS-0002M-0001-SO**					
Acenaphthene		10		6.6	ug/Kg	8270C/DoD
Acenaphthylene		28		6.6	ug/Kg	8270C/DoD
Anthracene		41		6.6	ug/Kg	8270C/DoD
Benzo[a]anthracene		160		6.6	ug/Kg	8270C/DoD
Benzo[a]pyrene		160		6.6	ug/Kg	8270C/DoD
Benzo[b]fluoranthene		410		6.6	ug/Kg	8270C/DoD
Benzo[g,h,i]perylene		120		6.6	ug/Kg	8270C/DoD
Benzo[k]fluoranthene		170	M	6.6	ug/Kg	8270C/DoD
Bis(2-ethylhexyl) phthalate		61		49	ug/Kg	8270C/DoD
Carbazole		29	J	49	ug/Kg	8270C/DoD
Chrysene		240		6.6	ug/Kg	8270C/DoD
Dibenz(a,h)anthracene		37		6.6	ug/Kg	8270C/DoD
Dibenzofuran		19	J	49	ug/Kg	8270C/DoD
Diethyl phthalate		26	J	49	ug/Kg	8270C/DoD
Di-n-butyl phthalate		40	J M	49	ug/Kg	8270C/DoD
Fluoranthene		280		6.6	ug/Kg	8270C/DoD
Fluorene		12		6.6	ug/Kg	8270C/DoD
Indeno[1,2,3-cd]pyrene		100		6.6	ug/Kg	8270C/DoD
Isophorone		22	J	49	ug/Kg	8270C/DoD
2-Methylnaphthalene		37		6.6	ug/Kg	8270C/DoD
Naphthalene		26		6.6	ug/Kg	8270C/DoD
Phenanthrene		110		6.6	ug/Kg	8270C/DoD
Pyrene		230		6.6	ug/Kg	8270C/DoD
Aluminum		11000		8.5	mg/Kg	6020/DOD
Antimony		0.12	J	0.17	mg/Kg	6020/DOD
Arsenic		11		0.42	mg/Kg	6020/DOD
Barium		84		0.42	mg/Kg	6020/DOD
Beryllium		0.80		0.085	mg/Kg	6020/DOD
Cadmium		0.19		0.17	mg/Kg	6020/DOD
Calcium		35000	D	850	mg/Kg	6020/DOD
Chromium		18		0.42	mg/Kg	6020/DOD
Cobalt		7.4		0.085	mg/Kg	6020/DOD
Copper		14		0.34	mg/Kg	6020/DOD
Iron		20000		42	mg/Kg	6020/DOD
Lead		17		0.25	mg/Kg	6020/DOD
Magnesium		4000		85	mg/Kg	6020/DOD
Manganese		690	D	2.1	mg/Kg	6020/DOD
Nickel		24		0.42	mg/Kg	6020/DOD
Potassium		850		85	mg/Kg	6020/DOD
Selenium		0.64		0.42	mg/Kg	6020/DOD
Silver		0.031	J	0.085	mg/Kg	6020/DOD
Sodium		82	J	85	mg/Kg	6020/DOD
Thallium		0.15	J	0.17	mg/Kg	6020/DOD
Vanadium		16		0.42	mg/Kg	6020/DOD
Zinc		74		3.4	mg/Kg	6020/DOD
Hg		0.13		0.11	mg/Kg	7471/DOD

EXECUTIVE SUMMARY - Detections

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
Percent Solids		98	H	0.10	%	Moisture
Percent Moisture		1.6	H	0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-17317-7	**068SS-0003M-0001-SO**					
Carbon disulfide		0.69	J	4.0	ug/Kg	8260B/DoD
Acenaphthene		17		6.7	ug/Kg	8270C/DoD
Acenaphthylene		9.2		6.7	ug/Kg	8270C/DoD
Anthracene		48		6.7	ug/Kg	8270C/DoD
Benzo[a]anthracene		270		6.7	ug/Kg	8270C/DoD
Benzo[a]pyrene		330	J	6.7	ug/Kg	8270C/DoD
Benzo[b]fluoranthene		520		6.7	ug/Kg	8270C/DoD
Benzo[g,h,i]perylene		260	J	6.7	ug/Kg	8270C/DoD
Benzo[k]fluoranthene		180	M	6.7	ug/Kg	8270C/DoD
Bis(2-ethylhexyl) phthalate		34	J	50	ug/Kg	8270C/DoD
Carbazole		44	J	50	ug/Kg	8270C/DoD
Chrysene		340		6.7	ug/Kg	8270C/DoD
Dibenz(a,h)anthracene		57		6.7	ug/Kg	8270C/DoD
Dibenzofuran		15	J	50	ug/Kg	8270C/DoD
Diethyl phthalate		22	J	50	ug/Kg	8270C/DoD
Di-n-butyl phthalate		19	J	50	ug/Kg	8270C/DoD
Fluoranthene		650	J	6.7	ug/Kg	8270C/DoD
Fluorene		16		6.7	ug/Kg	8270C/DoD
Indeno[1,2,3-cd]pyrene		220		6.7	ug/Kg	8270C/DoD
Isophorone		16	J	50	ug/Kg	8270C/DoD
2-Methylnaphthalene		30		6.7	ug/Kg	8270C/DoD
Naphthalene		24		6.7	ug/Kg	8270C/DoD
Phenanthrene		250		6.7	ug/Kg	8270C/DoD
Pyrene		480		6.7	ug/Kg	8270C/DoD
Aluminum		13000	J	8.5	mg/Kg	6020/DOD
Arsenic		12		0.43	mg/Kg	6020/DOD
Barium		95	D J	2.1	mg/Kg	6020/DOD
Beryllium		0.87		0.085	mg/Kg	6020/DOD
Cadmium		0.12	J	0.17	mg/Kg	6020/DOD
Calcium		3900	J	170	mg/Kg	6020/DOD
Chromium		22		0.43	mg/Kg	6020/DOD
Cobalt		13		0.085	mg/Kg	6020/DOD
Copper		18		0.34	mg/Kg	6020/DOD
Iron		31000	D J	210	mg/Kg	6020/DOD
Lead		18	D	1.3	mg/Kg	6020/DOD
Magnesium		3700		85	mg/Kg	6020/DOD
Manganese		520	D J	2.1	mg/Kg	6020/DOD
Nickel		28		0.43	mg/Kg	6020/DOD
Potassium		1200	J	85	mg/Kg	6020/DOD
Selenium		0.57		0.43	mg/Kg	6020/DOD
Silver		0.029	J	0.085	mg/Kg	6020/DOD
Sodium		52	J	85	mg/Kg	6020/DOD
Vanadium		21		0.43	mg/Kg	6020/DOD
Zinc		63		3.4	mg/Kg	6020/DOD
Hg		0.046	J	0.098	mg/Kg	7471/DOD
Percent Solids		88		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
Percent Moisture		12		0.10	%	Moisture
Nitrocellulose		0.88	J	4.8	mg/Kg	WS-WC-0050
Tetryl		0.031	J	0.25	mg/Kg	8330B
240-17317-8	**068SS-0004M-0001-SO**					
Carbon disulfide		0.66	J	3.7	ug/Kg	8260B/DoD
2-Hexanone		0.66	J	15	ug/Kg	8260B/DoD
Styrene		0.14	J	3.7	ug/Kg	8260B/DoD
Anthracene		28	J D	33	ug/Kg	8270C/DoD
Benzo[a]anthracene		190	D	33	ug/Kg	8270C/DoD
Benzo[a]pyrene		250	D	33	ug/Kg	8270C/DoD
Benzo[b]fluoranthene		390	D	33	ug/Kg	8270C/DoD
Benzo[g,h,i]perylene		130	D	33	ug/Kg	8270C/DoD
Benzo[k]fluoranthene		100	D M	33	ug/Kg	8270C/DoD
Chrysene		230	D	33	ug/Kg	8270C/DoD
Fluoranthene		410	D	33	ug/Kg	8270C/DoD
Indeno[1,2,3-cd]pyrene		140	D	33	ug/Kg	8270C/DoD
2-Methylnaphthalene		23	J D	33	ug/Kg	8270C/DoD
Phenanthrene		150	D	33	ug/Kg	8270C/DoD
Pyrene		310	D	33	ug/Kg	8270C/DoD
Aluminum		16000	D	40	mg/Kg	6020/DOD
Arsenic		11		0.40	mg/Kg	6020/DOD
Barium		83	D	2.0	mg/Kg	6020/DOD
Beryllium		0.83		0.079	mg/Kg	6020/DOD
Cadmium		0.10	J	0.16	mg/Kg	6020/DOD
Calcium		3900		160	mg/Kg	6020/DOD
Chromium		24	D	2.0	mg/Kg	6020/DOD
Cobalt		11	D	0.40	mg/Kg	6020/DOD
Copper		22	D	1.6	mg/Kg	6020/DOD
Iron		29000	D	200	mg/Kg	6020/DOD
Lead		16	D	1.2	mg/Kg	6020/DOD
Magnesium		4500	D	400	mg/Kg	6020/DOD
Manganese		280		0.40	mg/Kg	6020/DOD
Nickel		33	D	2.0	mg/Kg	6020/DOD
Potassium		1600		79	mg/Kg	6020/DOD
Selenium		0.56		0.40	mg/Kg	6020/DOD
Silver		0.030	J	0.079	mg/Kg	6020/DOD
Sodium		72	J D	400	mg/Kg	6020/DOD
Thallium		0.26	J D	0.79	mg/Kg	6020/DOD
Vanadium		24	D	2.0	mg/Kg	6020/DOD
Zinc		74	D	16	mg/Kg	6020/DOD
Hg		0.048	J	0.11	mg/Kg	7471/DOD
Percent Solids		98	H	0.10	%	Moisture
Percent Moisture		2.0	H	0.10	%	Moisture
Tetryl		0.039	J	0.25	mg/Kg	8330B

EXECUTIVE SUMMARY - Detections

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-17317-9	**076SS-0004M-0001-SO**					
Styrene		0.21	J	5.0	ug/Kg	8260B/DoD
Toluene		0.41	J	5.0	ug/Kg	8260B/DoD
Acenaphthene		390	D	68	ug/Kg	8270C/DoD
Acenaphthylene		43	J D	68	ug/Kg	8270C/DoD
Anthracene		1500	D	68	ug/Kg	8270C/DoD
Benzo[a]anthracene		3400	D	68	ug/Kg	8270C/DoD
Benzo[a]pyrene		2900	D	68	ug/Kg	8270C/DoD
Benzo[b]fluoranthene		4300	D	68	ug/Kg	8270C/DoD
Benzo[g,h,i]perylene		1700	D	68	ug/Kg	8270C/DoD
Benzo[k]fluoranthene		1300	D M	68	ug/Kg	8270C/DoD
Carbazole		850	D	510	ug/Kg	8270C/DoD
Chrysene		3300	D	68	ug/Kg	8270C/DoD
Dibenz(a,h)anthracene		520	D	68	ug/Kg	8270C/DoD
Dibenzofuran		460	J D	510	ug/Kg	8270C/DoD
Fluoranthene		8800	D	68	ug/Kg	8270C/DoD
Fluorene		570	D	68	ug/Kg	8270C/DoD
Indeno[1,2,3-cd]pyrene		1600	D	68	ug/Kg	8270C/DoD
2-Methylnaphthalene		250	D	68	ug/Kg	8270C/DoD
Naphthalene		330	D	68	ug/Kg	8270C/DoD
Phenanthrene		6800	D	68	ug/Kg	8270C/DoD
Pyrene		6300	D	68	ug/Kg	8270C/DoD
Aluminum		9800		9.9	mg/Kg	6020/DOD
Antimony		0.21		0.20	mg/Kg	6020/DOD
Arsenic		15		0.50	mg/Kg	6020/DOD
Barium		73		0.50	mg/Kg	6020/DOD
Beryllium		0.82		0.099	mg/Kg	6020/DOD
Cadmium		0.59		0.20	mg/Kg	6020/DOD
Calcium		9700		200	mg/Kg	6020/DOD
Chromium		22		0.50	mg/Kg	6020/DOD
Cobalt		7.0		0.099	mg/Kg	6020/DOD
Copper		18		0.40	mg/Kg	6020/DOD
Iron		22000		50	mg/Kg	6020/DOD
Lead		33		0.30	mg/Kg	6020/DOD
Magnesium		3000		99	mg/Kg	6020/DOD
Manganese		690	D	2.5	mg/Kg	6020/DOD
Nickel		22		0.50	mg/Kg	6020/DOD
Potassium		710		99	mg/Kg	6020/DOD
Selenium		0.65		0.50	mg/Kg	6020/DOD
Silver		0.051	J	0.099	mg/Kg	6020/DOD
Sodium		74	J	99	mg/Kg	6020/DOD
Thallium		0.18	J	0.20	mg/Kg	6020/DOD
Vanadium		16		0.50	mg/Kg	6020/DOD
Zinc		97		4.0	mg/Kg	6020/DOD
Hg		0.060	J	0.097	mg/Kg	7471/DOD
Percent Solids		83		0.10	%	Moisture
Percent Moisture		17		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-17317-10	**076SS-0003M-0001-SO**					
Toluene		0.64	J	4.7	ug/Kg	8260B/DoD
Acenaphthene		480	D	67	ug/Kg	8270C/DoD
Anthracene		1800	D	67	ug/Kg	8270C/DoD
Benzo[a]anthracene		2800	D	67	ug/Kg	8270C/DoD
Benzo[a]pyrene		2300	D	67	ug/Kg	8270C/DoD
Benzo[b]fluoranthene		3000	D	67	ug/Kg	8270C/DoD
Benzo[g,h,i]perylene		1400	D	67	ug/Kg	8270C/DoD
Benzo[k]fluoranthene		1200	D M	67	ug/Kg	8270C/DoD
Carbazole		990	D	500	ug/Kg	8270C/DoD
Chrysene		2800	D	67	ug/Kg	8270C/DoD
Dibenz(a,h)anthracene		330	D	67	ug/Kg	8270C/DoD
Dibenzofuran		760	D	500	ug/Kg	8270C/DoD
Fluoranthene		7900	D	67	ug/Kg	8270C/DoD
Fluorene		810	D	67	ug/Kg	8270C/DoD
Indeno[1,2,3-cd]pyrene		1200	D	67	ug/Kg	8270C/DoD
2-Methylnaphthalene		220	D	67	ug/Kg	8270C/DoD
Naphthalene		630	D	67	ug/Kg	8270C/DoD
Phenanthrene		8000	D	67	ug/Kg	8270C/DoD
Pyrene		5700	D	67	ug/Kg	8270C/DoD
Aluminum		9100		8.9	mg/Kg	6020/DOD
Antimony		0.24		0.18	mg/Kg	6020/DOD
Arsenic		13		0.45	mg/Kg	6020/DOD
Barium		98		0.45	mg/Kg	6020/DOD
Beryllium		0.64		0.089	mg/Kg	6020/DOD
Cadmium		0.47		0.18	mg/Kg	6020/DOD
Calcium		6800		180	mg/Kg	6020/DOD
Chromium		22		0.45	mg/Kg	6020/DOD
Cobalt		7.3		0.089	mg/Kg	6020/DOD
Copper		17		0.36	mg/Kg	6020/DOD
Iron		22000		45	mg/Kg	6020/DOD
Lead		34		0.27	mg/Kg	6020/DOD
Magnesium		2700		89	mg/Kg	6020/DOD
Manganese		580	D	2.2	mg/Kg	6020/DOD
Nickel		24		0.45	mg/Kg	6020/DOD
Potassium		690		89	mg/Kg	6020/DOD
Selenium		0.57		0.45	mg/Kg	6020/DOD
Silver		0.052	J	0.089	mg/Kg	6020/DOD
Sodium		54	J	89	mg/Kg	6020/DOD
Thallium		0.15	J	0.18	mg/Kg	6020/DOD
Vanadium		16		0.45	mg/Kg	6020/DOD
Zinc		96		3.6	mg/Kg	6020/DOD
Hg		0.062	J	0.11	mg/Kg	7471/DOD
Percent Solids		87		0.10	%	Moisture
Percent Moisture		13		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-17317-11	**070SS-0006M-0001-SO**					
C6-C12		58	J	92	ug/Kg	8015B
Percent Solids		76		0.10	%	Moisture
Percent Moisture		24		0.10	%	Moisture
240-17317-12	**070SS-0007M-0001-SO**					
Percent Solids		75		0.10	%	Moisture
Percent Moisture		25		0.10	%	Moisture
240-17317-13	**070SS-0002M-0001-SO**					
Percent Solids		75		0.10	%	Moisture
Percent Moisture		25		0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-17317-14	**068SS-0005M-0001-SO**					
Acenaphthene		6.2	J	6.7	ug/Kg	8270C/DoD
Acenaphthylene		6.8		6.7	ug/Kg	8270C/DoD
Anthracene		9.0		6.7	ug/Kg	8270C/DoD
Benzo[a]anthracene		10		6.7	ug/Kg	8270C/DoD
Benzo[a]pyrene		10		6.7	ug/Kg	8270C/DoD
Benzo[b]fluoranthene		13		6.7	ug/Kg	8270C/DoD
Benzo[g,h,i]perylene		12		6.7	ug/Kg	8270C/DoD
Benzo[k]fluoranthene		10	M	6.7	ug/Kg	8270C/DoD
Bis(2-ethylhexyl) phthalate		32	J	50	ug/Kg	8270C/DoD
Chrysene		14		6.7	ug/Kg	8270C/DoD
Dibenzofuran		8.5	J	50	ug/Kg	8270C/DoD
Diethyl phthalate		17	J	50	ug/Kg	8270C/DoD
Di-n-butyl phthalate		20	J	50	ug/Kg	8270C/DoD
Fluoranthene		14		6.7	ug/Kg	8270C/DoD
Fluorene		8.2		6.7	ug/Kg	8270C/DoD
Indeno[1,2,3-cd]pyrene		9.8	M	6.7	ug/Kg	8270C/DoD
2-Methylnaphthalene		13		6.7	ug/Kg	8270C/DoD
Naphthalene		12		6.7	ug/Kg	8270C/DoD
Phenanthrene		15		6.7	ug/Kg	8270C/DoD
Pyrene		13		6.7	ug/Kg	8270C/DoD
Aluminum		11000		7.8	mg/Kg	6020/DOD
Antimony		0.088	J	0.16	mg/Kg	6020/DOD
Arsenic		16		0.39	mg/Kg	6020/DOD
Barium		81		0.39	mg/Kg	6020/DOD
Beryllium		0.79		0.078	mg/Kg	6020/DOD
Cadmium		0.18		0.16	mg/Kg	6020/DOD
Calcium		22000		160	mg/Kg	6020/DOD
Chromium		18		0.39	mg/Kg	6020/DOD
Cobalt		7.5		0.078	mg/Kg	6020/DOD
Copper		13		0.31	mg/Kg	6020/DOD
Iron		23000		39	mg/Kg	6020/DOD
Lead		12		0.23	mg/Kg	6020/DOD
Magnesium		3100		78	mg/Kg	6020/DOD
Manganese		990	D	3.9	mg/Kg	6020/DOD
Nickel		18		0.39	mg/Kg	6020/DOD
Potassium		760		78	mg/Kg	6020/DOD
Selenium		0.53		0.39	mg/Kg	6020/DOD
Silver		0.025	J	0.078	mg/Kg	6020/DOD
Sodium		66	J	78	mg/Kg	6020/DOD
Thallium		0.14	J	0.16	mg/Kg	6020/DOD
Vanadium		18		0.39	mg/Kg	6020/DOD
Zinc		210	D	31	mg/Kg	6020/DOD
Hg		0.049	J	0.10	mg/Kg	7471/DOD
Percent Solids		98	H	0.10	%	Moisture
Percent Moisture		1.6	H	0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-17317-15	**068SS-0006M-0001-SO**					
Acenaphthylene		4.1	J	6.6	ug/Kg	8270C/DoD
Anthracene		7.0		6.6	ug/Kg	8270C/DoD
Benzo[a]anthracene		13		6.6	ug/Kg	8270C/DoD
Benzo[a]pyrene		12		6.6	ug/Kg	8270C/DoD
Benzo[b]fluoranthene		16		6.6	ug/Kg	8270C/DoD
Benzo[g,h,i]perylene		11		6.6	ug/Kg	8270C/DoD
Benzo[k]fluoranthene		11	M	6.6	ug/Kg	8270C/DoD
Bis(2-ethylhexyl) phthalate		75		49	ug/Kg	8270C/DoD
Chrysene		14		6.6	ug/Kg	8270C/DoD
Fluoranthene		19		6.6	ug/Kg	8270C/DoD
Indeno[1,2,3-cd]pyrene		9.2		6.6	ug/Kg	8270C/DoD
Isophorone		13	J	49	ug/Kg	8270C/DoD
2-Methylnaphthalene		11		6.6	ug/Kg	8270C/DoD
Naphthalene		10		6.6	ug/Kg	8270C/DoD
Phenanthrene		18		6.6	ug/Kg	8270C/DoD
Pyrene		17		6.6	ug/Kg	8270C/DoD
Aluminum		10000		8.4	mg/Kg	6020/DOD
Antimony		0.11	J	0.17	mg/Kg	6020/DOD
Arsenic		12		0.42	mg/Kg	6020/DOD
Barium		73		0.42	mg/Kg	6020/DOD
Beryllium		0.62		0.084	mg/Kg	6020/DOD
Cadmium		0.24		0.17	mg/Kg	6020/DOD
Calcium		6100		170	mg/Kg	6020/DOD
Chromium		18		0.42	mg/Kg	6020/DOD
Cobalt		9.7		0.084	mg/Kg	6020/DOD
Copper		24		0.34	mg/Kg	6020/DOD
Iron		21000		42	mg/Kg	6020/DOD
Lead		15		0.25	mg/Kg	6020/DOD
Magnesium		2500		84	mg/Kg	6020/DOD
Manganese		1300	D	4.2	mg/Kg	6020/DOD
Nickel		22		0.42	mg/Kg	6020/DOD
Potassium		750		84	mg/Kg	6020/DOD
Selenium		0.59		0.42	mg/Kg	6020/DOD
Silver		0.033	J	0.084	mg/Kg	6020/DOD
Sodium		46	J	84	mg/Kg	6020/DOD
Thallium		0.16	J	0.17	mg/Kg	6020/DOD
Vanadium		18		0.42	mg/Kg	6020/DOD
Zinc		110		3.4	mg/Kg	6020/DOD
Hg		0.059	J	0.092	mg/Kg	7471/DOD
Percent Solids		99	H	0.10	%	Moisture
Percent Moisture		1.5	H	0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-17317-16	**068SS-0007M-0001-SO**					
Acenaphthene		7.0		6.6	ug/Kg	8270C/DoD
Anthracene		18		6.6	ug/Kg	8270C/DoD
Benzo[a]anthracene		41		6.6	ug/Kg	8270C/DoD
Benzo[a]pyrene		30		6.6	ug/Kg	8270C/DoD
Benzo[b]fluoranthene		44		6.6	ug/Kg	8270C/DoD
Benzo[g,h,i]perylene		20		6.6	ug/Kg	8270C/DoD
Benzo[k]fluoranthene		19	M	6.6	ug/Kg	8270C/DoD
Bis(2-ethylhexyl) phthalate		29	J	50	ug/Kg	8270C/DoD
Chrysene		37		6.6	ug/Kg	8270C/DoD
Dibenzofuran		7.9	J	50	ug/Kg	8270C/DoD
Fluoranthene		88		6.6	ug/Kg	8270C/DoD
Fluorene		9.0		6.6	ug/Kg	8270C/DoD
Indeno[1,2,3-cd]pyrene		18		6.6	ug/Kg	8270C/DoD
2-Methylnaphthalene		9.8		6.6	ug/Kg	8270C/DoD
Naphthalene		9.7		6.6	ug/Kg	8270C/DoD
Phenanthrene		78		6.6	ug/Kg	8270C/DoD
Pyrene		65		6.6	ug/Kg	8270C/DoD
Aluminum		12000		8.2	mg/Kg	6020/DOD
Antimony		0.095	J	0.16	mg/Kg	6020/DOD
Arsenic		10		0.41	mg/Kg	6020/DOD
Barium		79		0.41	mg/Kg	6020/DOD
Beryllium		0.65		0.082	mg/Kg	6020/DOD
Cadmium		0.13	J	0.16	mg/Kg	6020/DOD
Calcium		4600		160	mg/Kg	6020/DOD
Chromium		17		0.41	mg/Kg	6020/DOD
Cobalt		9.4		0.082	mg/Kg	6020/DOD
Copper		11		0.33	mg/Kg	6020/DOD
Iron		22000		41	mg/Kg	6020/DOD
Lead		14		0.25	mg/Kg	6020/DOD
Magnesium		2500		82	mg/Kg	6020/DOD
Manganese		1100	D	4.1	mg/Kg	6020/DOD
Nickel		16		0.41	mg/Kg	6020/DOD
Potassium		790		82	mg/Kg	6020/DOD
Selenium		0.58		0.41	mg/Kg	6020/DOD
Silver		0.044	J	0.082	mg/Kg	6020/DOD
Sodium		42	J	82	mg/Kg	6020/DOD
Thallium		0.16		0.16	mg/Kg	6020/DOD
Vanadium		22		0.41	mg/Kg	6020/DOD
Zinc		53		3.3	mg/Kg	6020/DOD
Hg		0.068	J	0.095	mg/Kg	7471/DOD
Percent Solids		98	H	0.10	%	Moisture
Percent Moisture		1.9	H	0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-17317-17	**068SS-0008M-0001-SO**					
Acenaphthene		21		6.7	ug/Kg	8270C/DoD
Acenaphthylene		18		6.7	ug/Kg	8270C/DoD
Anthracene		67		6.7	ug/Kg	8270C/DoD
Benzo[a]anthracene		270		6.7	ug/Kg	8270C/DoD
Benzo[a]pyrene		300		6.7	ug/Kg	8270C/DoD
Benzo[b]fluoranthene		470		6.7	ug/Kg	8270C/DoD
Benzo[g,h,i]perylene		170		6.7	ug/Kg	8270C/DoD
Benzo[k]fluoranthene		180	M	6.7	ug/Kg	8270C/DoD
Bis(2-ethylhexyl) phthalate		50		50	ug/Kg	8270C/DoD
Carbazole		46	J	50	ug/Kg	8270C/DoD
Chrysene		330		6.7	ug/Kg	8270C/DoD
Dibenz(a,h)anthracene		45	M	6.7	ug/Kg	8270C/DoD
Dibenzofuran		29	J	50	ug/Kg	8270C/DoD
1,4-Dichlorobenzene		21	J	50	ug/Kg	8270C/DoD
Di-n-butyl phthalate		15	J	50	ug/Kg	8270C/DoD
Fluoranthene		650		6.7	ug/Kg	8270C/DoD
Fluorene		27		6.7	ug/Kg	8270C/DoD
Indeno[1,2,3-cd]pyrene		160		6.7	ug/Kg	8270C/DoD
Isophorone		15	J	50	ug/Kg	8270C/DoD
2-Methylnaphthalene		81		6.7	ug/Kg	8270C/DoD
Naphthalene		62		6.7	ug/Kg	8270C/DoD
Phenanthrene		280		6.7	ug/Kg	8270C/DoD
Pyrene		500		6.7	ug/Kg	8270C/DoD
Aluminum		13000		8.0	mg/Kg	6020/DOD
Arsenic		13		0.40	mg/Kg	6020/DOD
Barium		89	D	2.0	mg/Kg	6020/DOD
Beryllium		1.0		0.080	mg/Kg	6020/DOD
Cadmium		0.29		0.16	mg/Kg	6020/DOD
Calcium		7300		160	mg/Kg	6020/DOD
Chromium		21		0.40	mg/Kg	6020/DOD
Cobalt		9.9		0.080	mg/Kg	6020/DOD
Copper		20		0.32	mg/Kg	6020/DOD
Iron		23000		40	mg/Kg	6020/DOD
Lead		28	D	1.2	mg/Kg	6020/DOD
Magnesium		3600		80	mg/Kg	6020/DOD
Manganese		640	D	2.0	mg/Kg	6020/DOD
Nickel		22		0.40	mg/Kg	6020/DOD
Potassium		1200		80	mg/Kg	6020/DOD
Selenium		0.90		0.40	mg/Kg	6020/DOD
Silver		0.039	J	0.080	mg/Kg	6020/DOD
Sodium		76	J	80	mg/Kg	6020/DOD
Vanadium		20		0.40	mg/Kg	6020/DOD
Zinc		120		3.2	mg/Kg	6020/DOD
Hg		0.088	J	0.098	mg/Kg	7471/DOD
Percent Solids		98	H	0.10	%	Moisture
Percent Moisture		2.2	H	0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-17317-18	**076SD-0008-0001-SO**					
Acenaphthene		14		6.8	ug/Kg	8270C/DoD
Acenaphthylene		41		6.8	ug/Kg	8270C/DoD
Anthracene		95		6.8	ug/Kg	8270C/DoD
Benzo[a]anthracene		270		6.8	ug/Kg	8270C/DoD
Benzo[a]pyrene		260		6.8	ug/Kg	8270C/DoD
Benzo[b]fluoranthene		370		6.8	ug/Kg	8270C/DoD
Benzo[g,h,i]perylene		120		6.8	ug/Kg	8270C/DoD
Benzo[k]fluoranthene		150		6.8	ug/Kg	8270C/DoD
Bis(2-ethylhexyl) phthalate		30	J	51	ug/Kg	8270C/DoD
Chrysene		290		6.8	ug/Kg	8270C/DoD
Dibenz(a,h)anthracene		38		6.8	ug/Kg	8270C/DoD
Dibenzofuran		31	J	51	ug/Kg	8270C/DoD
Fluoranthene		720		6.8	ug/Kg	8270C/DoD
Fluorene		42		6.8	ug/Kg	8270C/DoD
Indeno[1,2,3-cd]pyrene		130		6.8	ug/Kg	8270C/DoD
2-Methylnaphthalene		61		6.8	ug/Kg	8270C/DoD
Naphthalene		61		6.8	ug/Kg	8270C/DoD
Phenanthrene		430		6.8	ug/Kg	8270C/DoD
Pyrene		530		6.8	ug/Kg	8270C/DoD
Aluminum		9100		8.7	mg/Kg	6020/DOD
Arsenic		9.4		0.43	mg/Kg	6020/DOD
Barium		65	D	2.2	mg/Kg	6020/DOD
Beryllium		0.54		0.087	mg/Kg	6020/DOD
Cadmium		0.21		0.17	mg/Kg	6020/DOD
Calcium		1600		170	mg/Kg	6020/DOD
Chromium		15		0.43	mg/Kg	6020/DOD
Cobalt		9.6		0.087	mg/Kg	6020/DOD
Copper		15		0.35	mg/Kg	6020/DOD
Iron		17000		43	mg/Kg	6020/DOD
Lead		29	D	1.3	mg/Kg	6020/DOD
Magnesium		1900		87	mg/Kg	6020/DOD
Manganese		330		0.43	mg/Kg	6020/DOD
Nickel		18		0.43	mg/Kg	6020/DOD
Potassium		790		87	mg/Kg	6020/DOD
Selenium		0.65		0.43	mg/Kg	6020/DOD
Silver		0.039	J	0.087	mg/Kg	6020/DOD
Sodium		42	J	87	mg/Kg	6020/DOD
Vanadium		16		0.43	mg/Kg	6020/DOD
Zinc		58		3.5	mg/Kg	6020/DOD
Hg		0.061	J	0.097	mg/Kg	7471/DOD
Percent Solids		98	H	0.10	%	Moisture
Percent Moisture		1.6	H	0.10	%	Moisture
Nitrocellulose		0.94	J	5.0	mg/Kg	WS-WC-0050
Tetryl		0.034	J	0.25	mg/Kg	8330B

EXECUTIVE SUMMARY - Detections

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-17317-19	**076SD-0009-0001-SO**					
Acenaphthene		7.1		6.8	ug/Kg	8270C/DoD
Acenaphthylene		13		6.8	ug/Kg	8270C/DoD
Anthracene		16		6.8	ug/Kg	8270C/DoD
Benzo[a]anthracene		71		6.8	ug/Kg	8270C/DoD
Benzo[a]pyrene		69		6.8	ug/Kg	8270C/DoD
Benzo[b]fluoranthene		110		6.8	ug/Kg	8270C/DoD
Benzo[g,h,i]perylene		39	J	6.8	ug/Kg	8270C/DoD
Benzo[k]fluoranthene		38		6.8	ug/Kg	8270C/DoD
Bis(2-ethylhexyl) phthalate		89		51	ug/Kg	8270C/DoD
Chrysene		73		6.8	ug/Kg	8270C/DoD
Dibenzofuran		14	J	51	ug/Kg	8270C/DoD
Diethyl phthalate		23	J	51	ug/Kg	8270C/DoD
Fluoranthene		120		6.8	ug/Kg	8270C/DoD
Fluorene		12		6.8	ug/Kg	8270C/DoD
Indeno[1,2,3-cd]pyrene		33	M J	6.8	ug/Kg	8270C/DoD
Isophorone		18	J	51	ug/Kg	8270C/DoD
2-Methylnaphthalene		30		6.8	ug/Kg	8270C/DoD
Naphthalene		22		6.8	ug/Kg	8270C/DoD
Phenanthrene		68		6.8	ug/Kg	8270C/DoD
Pyrene		100		6.8	ug/Kg	8270C/DoD
Aluminum		7500	J	9.6	mg/Kg	6020/DOD
Arsenic		9.5		0.48	mg/Kg	6020/DOD
Barium		57	D	2.4	mg/Kg	6020/DOD
Beryllium		0.45		0.096	mg/Kg	6020/DOD
Cadmium		0.16	J	0.19	mg/Kg	6020/DOD
Calcium		1800	J	190	mg/Kg	6020/DOD
Chromium		44		0.48	mg/Kg	6020/DOD
Cobalt		7.3		0.096	mg/Kg	6020/DOD
Copper		15		0.38	mg/Kg	6020/DOD
Iron		19000	J	48	mg/Kg	6020/DOD
Lead		19	D	1.4	mg/Kg	6020/DOD
Magnesium		1800		96	mg/Kg	6020/DOD
Manganese		310		0.48	mg/Kg	6020/DOD
Nickel		30		0.48	mg/Kg	6020/DOD
Potassium		590		96	mg/Kg	6020/DOD
Selenium		0.52		0.48	mg/Kg	6020/DOD
Silver		0.029	J	0.096	mg/Kg	6020/DOD
Sodium		49	J	96	mg/Kg	6020/DOD
Vanadium		14		0.48	mg/Kg	6020/DOD
Zinc		49		3.8	mg/Kg	6020/DOD
Hg		0.053	J	0.095	mg/Kg	7471/DOD
Percent Solids		97	H	0.10	%	Moisture
Percent Moisture		2.6	H	0.10	%	Moisture
Nitrocellulose		2.5	J	4.9	mg/Kg	WS-WC-0050

EXECUTIVE SUMMARY - Detections

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-17317-20	**076SD-0010-0001-SO**					
Acenaphthene		5.6	J	6.7	ug/Kg	8270C/DoD
Acenaphthylene		6.5	J	6.7	ug/Kg	8270C/DoD
Anthracene		11		6.7	ug/Kg	8270C/DoD
Benzo[a]anthracene		46		6.7	ug/Kg	8270C/DoD
Benzo[a]pyrene		52		6.7	ug/Kg	8270C/DoD
Benzo[b]fluoranthene		71		6.7	ug/Kg	8270C/DoD
Benzo[g,h,i]perylene		31	M	6.7	ug/Kg	8270C/DoD
Benzo[k]fluoranthene		28		6.7	ug/Kg	8270C/DoD
Bis(2-ethylhexyl) phthalate		72		51	ug/Kg	8270C/DoD
Chrysene		55		6.7	ug/Kg	8270C/DoD
Dibenzofuran		17	J	51	ug/Kg	8270C/DoD
Fluoranthene		88		6.7	ug/Kg	8270C/DoD
Fluorene		7.8		6.7	ug/Kg	8270C/DoD
Indeno[1,2,3-cd]pyrene		28		6.7	ug/Kg	8270C/DoD
2-Methylnaphthalene		20		6.7	ug/Kg	8270C/DoD
Naphthalene		14		6.7	ug/Kg	8270C/DoD
Phenanthrene		51		6.7	ug/Kg	8270C/DoD
Pyrene		69		6.7	ug/Kg	8270C/DoD
Aluminum		8500	D	49	mg/Kg	6020/DOD
Arsenic		9.7		0.49	mg/Kg	6020/DOD
Barium		58	D	2.4	mg/Kg	6020/DOD
Beryllium		0.46		0.097	mg/Kg	6020/DOD
Cadmium		0.16	J	0.19	mg/Kg	6020/DOD
Calcium		2100	D	970	mg/Kg	6020/DOD
Chromium		25	D	2.4	mg/Kg	6020/DOD
Cobalt		8.0	D	0.49	mg/Kg	6020/DOD
Copper		16	D	1.9	mg/Kg	6020/DOD
Iron		21000	D	240	mg/Kg	6020/DOD
Lead		19	D	1.5	mg/Kg	6020/DOD
Magnesium		2000	D	490	mg/Kg	6020/DOD
Manganese		360	D	2.4	mg/Kg	6020/DOD
Nickel		22	D	2.4	mg/Kg	6020/DOD
Potassium		670	D	490	mg/Kg	6020/DOD
Selenium		0.54		0.49	mg/Kg	6020/DOD
Silver		0.029	J	0.097	mg/Kg	6020/DOD
Vanadium		15	D	2.4	mg/Kg	6020/DOD
Zinc		59	D	19	mg/Kg	6020/DOD
Hg		0.059	J	0.11	mg/Kg	7471/DOD
Percent Solids		98	H	0.10	%	Moisture
Percent Moisture		2.2	H	0.10	%	Moisture
Nitrocellulose		1.9	J	5.0	mg/Kg	WS-WC-0050

EXECUTIVE SUMMARY - Detections

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-17317-21	**076SD-0011-0001-SO**					
Acenaphthene		5.9	J	6.7	ug/Kg	8270C/DoD
Acenaphthylene		7.7		6.7	ug/Kg	8270C/DoD
Anthracene		11		6.7	ug/Kg	8270C/DoD
Benzo[a]anthracene		51		6.7	ug/Kg	8270C/DoD
Benzo[a]pyrene		68		6.7	ug/Kg	8270C/DoD
Benzo[b]fluoranthene		100		6.7	ug/Kg	8270C/DoD
Benzo[g,h,i]perylene		29	M	6.7	ug/Kg	8270C/DoD
Benzo[k]fluoranthene		35		6.7	ug/Kg	8270C/DoD
Bis(2-ethylhexyl) phthalate		50		50	ug/Kg	8270C/DoD
Chrysene		79		6.7	ug/Kg	8270C/DoD
Dibenzofuran		33	J	50	ug/Kg	8270C/DoD
1,4-Dichlorobenzene		76		50	ug/Kg	8270C/DoD
Di-n-butyl phthalate		21	J	50	ug/Kg	8270C/DoD
Fluoranthene		120		6.7	ug/Kg	8270C/DoD
Fluorene		6.7		6.7	ug/Kg	8270C/DoD
Indeno[1,2,3-cd]pyrene		30	M	6.7	ug/Kg	8270C/DoD
Isophorone		20	J	50	ug/Kg	8270C/DoD
2-Methylnaphthalene		35		6.7	ug/Kg	8270C/DoD
Naphthalene		48		6.7	ug/Kg	8270C/DoD
Pentachlorophenol		84	J	150	ug/Kg	8270C/DoD
Phenanthrene		87		6.7	ug/Kg	8270C/DoD
Phenol		49	J	50	ug/Kg	8270C/DoD
Pyrene		83		6.7	ug/Kg	8270C/DoD
Aluminum		9800		9.6	mg/Kg	6020/DOD
Antimony		0.99		0.19	mg/Kg	6020/DOD
Arsenic		7.8		0.48	mg/Kg	6020/DOD
Barium		190		0.48	mg/Kg	6020/DOD
Beryllium		0.49		0.096	mg/Kg	6020/DOD
Cadmium		1.9		0.19	mg/Kg	6020/DOD
Calcium		3000		190	mg/Kg	6020/DOD
Chromium		23		0.48	mg/Kg	6020/DOD
Cobalt		6.1		0.096	mg/Kg	6020/DOD
Copper		32		0.38	mg/Kg	6020/DOD
Iron		22000		48	mg/Kg	6020/DOD
Lead		100		0.29	mg/Kg	6020/DOD
Magnesium		1500		96	mg/Kg	6020/DOD
Manganese		330		0.48	mg/Kg	6020/DOD
Nickel		23		0.48	mg/Kg	6020/DOD
Potassium		830		96	mg/Kg	6020/DOD
Selenium		0.74		0.48	mg/Kg	6020/DOD
Silver		0.16		0.096	mg/Kg	6020/DOD
Sodium		110		96	mg/Kg	6020/DOD
Thallium		0.21		0.19	mg/Kg	6020/DOD
Vanadium		17		0.48	mg/Kg	6020/DOD
Zinc		390		3.8	mg/Kg	6020/DOD
Hg		0.097		0.094	mg/Kg	7471/DOD

EXECUTIVE SUMMARY - Detections

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
Percent Solids		97	H	0.10	%	Moisture
Percent Moisture		3.4	H	0.10	%	Moisture
Nitrocellulose		2.1	J	4.9	mg/Kg	WS-WC-0050
Tetryl		0.052	J	0.24	mg/Kg	8330B
240-17317-22	**076SD-0012-0001-SO**					
Anthracene		40	D	33	ug/Kg	8270C/DoD
Benzo[a]anthracene		84	D	33	ug/Kg	8270C/DoD
Benzo[a]pyrene		74	D	33	ug/Kg	8270C/DoD
Benzo[b]fluoranthene		96	D M	33	ug/Kg	8270C/DoD
Benzo[g,h,i]perylene		47	D M	33	ug/Kg	8270C/DoD
Benzo[k]fluoranthene		56	D M	33	ug/Kg	8270C/DoD
Chrysene		98	D	33	ug/Kg	8270C/DoD
Fluoranthene		200	D	33	ug/Kg	8270C/DoD
Indeno[1,2,3-cd]pyrene		38	D M	33	ug/Kg	8270C/DoD
Phenanthrene		160	D	33	ug/Kg	8270C/DoD
Pyrene		150	D	33	ug/Kg	8270C/DoD
Aluminum		8200		9.8	mg/Kg	6020/DOD
Antimony		0.46		0.20	mg/Kg	6020/DOD
Arsenic		7.1		0.49	mg/Kg	6020/DOD
Barium		63		0.49	mg/Kg	6020/DOD
Beryllium		0.40		0.098	mg/Kg	6020/DOD
Cadmium		0.41		0.20	mg/Kg	6020/DOD
Calcium		1700		200	mg/Kg	6020/DOD
Chromium		16		0.49	mg/Kg	6020/DOD
Cobalt		5.1		0.098	mg/Kg	6020/DOD
Copper		16		0.39	mg/Kg	6020/DOD
Iron		17000		49	mg/Kg	6020/DOD
Lead		49		0.29	mg/Kg	6020/DOD
Magnesium		1500		98	mg/Kg	6020/DOD
Manganese		270		0.49	mg/Kg	6020/DOD
Nickel		12		0.49	mg/Kg	6020/DOD
Potassium		460		98	mg/Kg	6020/DOD
Selenium		0.45	J	0.49	mg/Kg	6020/DOD
Silver		0.064	J	0.098	mg/Kg	6020/DOD
Sodium		65	J	98	mg/Kg	6020/DOD
Thallium		0.19	J	0.20	mg/Kg	6020/DOD
Vanadium		16		0.49	mg/Kg	6020/DOD
Zinc		69		3.9	mg/Kg	6020/DOD
Hg		0.063	J	0.092	mg/Kg	7471/DOD
Percent Solids		98	H	0.10	%	Moisture
Percent Moisture		2.0	H	0.10	%	Moisture
Nitrocellulose		0.86	J	4.9	mg/Kg	WS-WC-0050
Nitroglycerin		0.14	J	0.49	mg/Kg	8330B
Tetryl		0.037	J	0.24	mg/Kg	8330B

EXECUTIVE SUMMARY - Detections

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-17317-23	**079SS-0002M-0001-SO**					
Aluminum		7700		7.8	mg/Kg	6020/DOD
Antimony		0.24		0.16	mg/Kg	6020/DOD
Arsenic		7.2		0.39	mg/Kg	6020/DOD
Barium		110		0.39	mg/Kg	6020/DOD
Beryllium		1.1		0.078	mg/Kg	6020/DOD
Cadmium		0.55		0.16	mg/Kg	6020/DOD
Calcium		57000	D	1600	mg/Kg	6020/DOD
Chromium		19		0.39	mg/Kg	6020/DOD
Cobalt		2.8		0.078	mg/Kg	6020/DOD
Copper		170		0.31	mg/Kg	6020/DOD
Iron		16000		39	mg/Kg	6020/DOD
Lead		95		0.23	mg/Kg	6020/DOD
Magnesium		4500		78	mg/Kg	6020/DOD
Manganese		1300	D	7.8	mg/Kg	6020/DOD
Nickel		25		0.39	mg/Kg	6020/DOD
Potassium		670		78	mg/Kg	6020/DOD
Selenium		0.72		0.39	mg/Kg	6020/DOD
Silver		0.039	J	0.078	mg/Kg	6020/DOD
Sodium		180		78	mg/Kg	6020/DOD
Thallium		0.13	J	0.16	mg/Kg	6020/DOD
Vanadium		6.2		0.39	mg/Kg	6020/DOD
Zinc		1200	D	31	mg/Kg	6020/DOD
Hg		0.034	J	0.091	mg/Kg	7471/DOD
Percent Solids		99	H	0.10	%	Moisture
Percent Moisture		1.3	H	0.10	%	Moisture

EXECUTIVE SUMMARY - Detections

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Lab Sample ID / Analyte	Client Sample ID	Result	Qualifier	Reporting Limit	Units	Method
240-17317-24	**079SS-0001M-0001-SO**					
Aluminum		4300		7.9	mg/Kg	6020/DOD
Antimony		0.21		0.16	mg/Kg	6020/DOD
Arsenic		8.6		0.39	mg/Kg	6020/DOD
Barium		66		0.39	mg/Kg	6020/DOD
Beryllium		0.51		0.079	mg/Kg	6020/DOD
Cadmium		0.34		0.16	mg/Kg	6020/DOD
Calcium		52000	D	1600	mg/Kg	6020/DOD
Chromium		11		0.39	mg/Kg	6020/DOD
Cobalt		2.6		0.079	mg/Kg	6020/DOD
Copper		610		0.31	mg/Kg	6020/DOD
Iron		14000		39	mg/Kg	6020/DOD
Lead		25		0.24	mg/Kg	6020/DOD
Magnesium		2300		79	mg/Kg	6020/DOD
Manganese		650		0.39	mg/Kg	6020/DOD
Nickel		14		0.39	mg/Kg	6020/DOD
Potassium		470		79	mg/Kg	6020/DOD
Selenium		0.47		0.39	mg/Kg	6020/DOD
Silver		0.066	J	0.079	mg/Kg	6020/DOD
Sodium		87		79	mg/Kg	6020/DOD
Thallium		0.13	J	0.16	mg/Kg	6020/DOD
Vanadium		6.1		0.39	mg/Kg	6020/DOD
Zinc		81		3.1	mg/Kg	6020/DOD
Hg		0.041	J	0.088	mg/Kg	7471/DOD
Percent Solids		99	H	0.10	%	Moisture
Percent Moisture		1.0	H	0.10	%	Moisture
240-17317-25	**076SS-0027-0001-TB**					
C6-C12		55	J B	100	ug/L	8015B

METHOD SUMMARY

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Description	Lab Location	Method	Preparation Method
Matrix: Solid			
Volatile Organic Compounds (GC/MS)	TAL NC	SW846 8260B/DoD	
Closed System Purge and Trap	TAL NC		SW846 5035
Semivolatile Organic Compounds (GC/MS)	TAL NC	SW846 8270C/DoD	
Incremental Sampling Method - Dry, Disaggregate, Split	TAL NC		EPA Increment, Prep
Soxhlet Extraction	TAL NC		SW846 3540C
Gasoline Range Organics - (GC)	TAL NC	SW846 8015B	
Closed System Purge and Trap	TAL NC		SW846 5035
Organochlorine Pesticides (GC)	TAL NC	SW846 8081/DOD	
Incremental Sampling Method - Dry, Disaggregate, Split	TAL NC		EPA Increment, Prep
Soxhlet Extraction	TAL NC		SW846 3540C
Polychlorinated Biphenyls (PCBs) by Gas Chromatography	TAL NC	SW846 8082/DOD	
Incremental Sampling Method - Dry, Disaggregate, Split	TAL NC		EPA Increment, Prep
Soxhlet Extraction	TAL NC		SW846 3540C
Metals (ICP/MS)	TAL NC	SW846 6020/DOD	
Incremental Sampling Method - Dry, Disaggregate, Split	TAL NC		EPA Increment, Prep
Preparation, Metals	TAL NC		SW846 3050B
Mercury (CVAA)	TAL NC	SW846 7471/DOD	
Incremental Sampling Method - Dry, Disaggregate, Split	TAL NC		EPA Increment, Prep
Preparation, Mercury	TAL NC		SW846 7471A
Percent Moisture	TAL NC	EPA Moisture	
Nitroguanidine (HPLC)	TAL WSC	SW846 8330 Modified	
Sieve and Ultrasonic Water Bath Extraction (Explosives)	TAL WSC		SW846 Sieve/Ultrasoni
Nitroaromatics and Nitramines (HPLC)	TAL WSC	SW846 8330B	
Sonication Extraction (Explosives)	TAL WSC		SW846 8330B
Nitrocellulose	TAL WSC	TAL-SAC WS-WC-0050	
Nitrocellulose Sample Preparation (Hydrolysis)	TAL WSC		MCAWW 353 (NCell-Hyd)
Nitrocellulose Sample Preparation	TAL WSC		MCAWW 353.2 (NCell)
Matrix: Water			
Volatile Organic Compounds (GC/MS)	TAL NC	SW846 8260B/DoD	
Purge and Trap	TAL NC		SW846 5030B
Gasoline Range Organics - (GC)	TAL NC	SW846 8015B	
Purge and Trap	TAL NC		SW846 5030B

Lab References:

TAL NC = TestAmerica Canton

TAL WSC = TestAmerica West Sacramento

Method References:

EPA = US Environmental Protection Agency

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL-SAC = TestAmerica Laboratories, West Sacramento, Facility Standard Operating Procedure.

METHOD / ANALYST SUMMARY

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Method	Analyst	Analyst ID
SW846 8260B/DoD	Lata, Todd	TL
SW846 8260B/DoD	Macenczak, Steven	SM
SW846 8260B/DoD	Quayle, Rick	RQ
SW846 8270C/DoD	Gruber, John	JG
SW846 8270C/DoD	Ulman, Mark	MU
SW846 8015B	Bosworth, Heather M	HMB
SW846 8081/DOD	Van Doren, Carolyn	CV
SW846 8082/DOD	Hass, Lori	LH
SW846 6020/DOD	Toth, Natalie J	NJT
SW846 7471/DOD	Heakin, David	DH
EPA Moisture	Grossman, Lucas	LG
EPA Moisture	Kuhle, Julie	JK
TAL-SAC WS-WC-0050	Baynes, Jason	JB
SW846 8330 Modified	Noonan, Robyn	RN
SW846 8330B	Noonan, Robyn	RN

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **076SS-0002M-0001-SO**

Lab Sample ID: 240-17317-1 Date Sampled: 11/06/2012 0840
Client Matrix: Solid % Moisture: 52.6 Date Received: 11/07/2012 1730

8260B/DoD Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B/DoD	Analysis Batch:	240-65171	Instrument ID:	A3UX14
Prep Method:	5035	Prep Batch:	240-64810	Lab File ID:	149178.D
Dilution:	1.0			Initial Weight/Volume:	5.929 g
Analysis Date:	11/15/2012 1408			Final Weight/Volume:	5 mL
Prep Date:	11/07/2012 1925				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Acetone		25	J	11	36
Benzene		0.89	U	0.41	8.9
Bromochloromethane		1.8	U	1.3	8.9
Bromodichloromethane		0.89	U	0.50	8.9
Bromoform		0.89	U	0.59	8.9
Bromomethane		1.8	U	0.96	8.9
2-Butanone (MEK)		3.6	U	2.5	36
Carbon disulfide		0.89	U	0.78	8.9
Carbon tetrachloride		0.89	U	0.66	8.9
Chlorobenzene		0.89	U	0.59	8.9
Chloroethane		1.8	U	1.5	8.9
Chloroform		0.89	U	0.52	8.9
Chloromethane		0.89	U	0.73	8.9
cis-1,3-Dichloropropene		0.89	U	0.60	8.9
Dibromochloromethane		1.8	U	0.98	8.9
1,2-Dibromoethane		1.8	U	0.89	8.9
1,1-Dichloroethane		0.89	U	0.64	8.9
1,2-Dichloroethane		0.89	U	0.60	8.9
1,1-Dichloroethene		1.8	U	0.92	8.9
1,2-Dichloroethene, Total		1.8	U	1.4	18
1,2-Dichloropropane		1.8	U	1.2	8.9
Ethylbenzene		0.89	U	0.46	8.9
2-Hexanone		1.8	U	1.1	36
Methylene Chloride		1.8	U	1.2	8.9
4-Methyl-2-pentanone (MIBK)		1.8	U	0.96	36
Styrene		0.89	U	0.27	8.9
1,1,2,2-Tetrachloroethane		0.89	U	0.60	8.9
Tetrachloroethene		1.8	U	0.92	8.9
Toluene		0.89	U	0.48	8.9
trans-1,3-Dichloropropene		1.8	U	0.96	8.9
1,1,1-Trichloroethane		1.8	U	1.0	8.9
1,1,2-Trichloroethane		0.89	U	0.69	8.9
Trichloroethene		0.89	U	0.75	8.9
Vinyl chloride		0.89	U	0.69	8.9
Xylenes, Total		2.7	U	1.2	18

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	93		85 - 120
Dibromofluoromethane (Surr)	83		59 - 138
1,2-Dichloroethane-d4 (Surr)	97		61 - 130
Toluene-d8 (Surr)	91		85 - 115

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **076SS-0001M-0001-SO**

Lab Sample ID: 240-17317-2 Date Sampled: 11/06/2012 0923
Client Matrix: Solid % Moisture: 15.2 Date Received: 11/07/2012 1730

8260B/DoD Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B/DoD	Analysis Batch:	240-64980	Instrument ID:	A3UX14
Prep Method:	5035	Prep Batch:	240-64810	Lab File ID:	149153.D
Dilution:	1.0			Initial Weight/Volume:	6.361 g
Analysis Date:	11/14/2012 1758			Final Weight/Volume:	5 mL
Prep Date:	11/07/2012 1925				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Acetone		5.8	U	5.8	19
Benzene		0.46	U	0.21	4.6
Bromochloromethane		0.93	U	0.66	4.6
Bromodichloromethane		0.46	U	0.26	4.6
Bromoform		0.46	U	0.31	4.6
Bromomethane		0.93	U	0.50	4.6
2-Butanone (MEK)		1.9	U	1.3	19
Carbon disulfide		0.79	J	0.41	4.6
Carbon tetrachloride		0.46	U	0.34	4.6
Chlorobenzene		0.46	U	0.31	4.6
Chloroethane		0.93	U	0.80	4.6
Chloroform		0.46	U	0.27	4.6
Chloromethane		0.46	U	0.38	4.6
cis-1,3-Dichloropropene		0.46	U	0.32	4.6
Dibromochloromethane		0.93	U	0.51	4.6
1,2-Dibromoethane		0.93	U	0.46	4.6
1,1-Dichloroethane		0.46	U	0.33	4.6
1,2-Dichloroethane		0.46	U	0.32	4.6
1,1-Dichloroethene		0.93	U	0.48	4.6
1,2-Dichloroethene, Total		0.93	U	0.71	9.3
1,2-Dichloropropane		0.93	U	0.64	4.6
Ethylbenzene		0.46	U	0.24	4.6
2-Hexanone		0.93	U	0.58	19
Methylene Chloride		0.93	U	0.62	4.6
4-Methyl-2-pentanone (MIBK)		0.93	U	0.50	19
Styrene		0.46	U	0.14	4.6
1,1,2,2-Tetrachloroethane		0.46	U	0.32	4.6
Tetrachloroethene		0.93	U	0.48	4.6
Toluene		0.46	U	0.25	4.6
trans-1,3-Dichloropropene		0.93	U	0.50	4.6
1,1,1-Trichloroethane		0.93	U	0.52	4.6
1,1,2-Trichloroethane		0.46	U	0.36	4.6
Trichloroethene		0.46	U	0.39	4.6
Vinyl chloride		0.46	U	0.36	4.6
Xylenes, Total		1.4	U	0.62	9.3

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	90		85 - 120
Dibromofluoromethane (Surr)	79		59 - 138
1,2-Dichloroethane-d4 (Surr)	102		61 - 130
Toluene-d8 (Surr)	95		85 - 115

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **076SS-0005M-0001-SO**

Lab Sample ID: 240-17317-3 Date Sampled: 11/06/2012 1830
Client Matrix: Solid % Moisture: 11.5 Date Received: 11/07/2012 1730

8260B/DoD Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B/DoD	Analysis Batch:	240-65171	Instrument ID:	A3UX14
Prep Method:	5035	Prep Batch:	240-64810	Lab File ID:	149179.D
Dilution:	1.0			Initial Weight/Volume:	4.152 g
Analysis Date:	11/15/2012 1430			Final Weight/Volume:	5 mL
Prep Date:	11/07/2012 1925				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Acetone		11	J	8.6	27
Benzene		0.68	U	0.31	6.8
Bromochloromethane		1.4	U	0.97	6.8
Bromodichloromethane		0.68	U	0.38	6.8
Bromoform		0.68	U	0.45	6.8
Bromomethane		1.4	U	0.73	6.8
2-Butanone (MEK)		2.7	U	1.9	27
Carbon disulfide		0.68	U	0.60	6.8
Carbon tetrachloride		0.68	U	0.50	6.8
Chlorobenzene		0.68	U	0.45	6.8
Chloroethane		1.4	U	1.2	6.8
Chloroform		0.68	U	0.39	6.8
Chloromethane		0.68	U	0.56	6.8
cis-1,3-Dichloropropene		0.68	U	0.46	6.8
Dibromochloromethane		1.4	U	0.75	6.8
1,2-Dibromoethane		1.4	U	0.68	6.8
1,1-Dichloroethane		0.68	U	0.49	6.8
1,2-Dichloroethane		0.68	U	0.46	6.8
1,1-Dichloroethene		1.4	U	0.71	6.8
1,2-Dichloroethene, Total		1.4	U	1.0	14
1,2-Dichloropropane		1.4	U	0.94	6.8
Ethylbenzene		0.68	U	0.35	6.8
2-Hexanone		1.4	U	0.86	27
Methylene Chloride		1.4	U	0.91	6.8
4-Methyl-2-pentanone (MIBK)		1.4	U	0.73	27
Styrene		0.68	U	0.20	6.8
1,1,2,2-Tetrachloroethane		0.68	U	0.46	6.8
Tetrachloroethene		1.4	U	0.71	6.8
Toluene		0.68	U	0.37	6.8
trans-1,3-Dichloropropene		1.4	U	0.73	6.8
1,1,1-Trichloroethane		1.4	U	0.76	6.8
1,1,2-Trichloroethane		0.68	U	0.53	6.8
Trichloroethene		0.68	U	0.57	6.8
Vinyl chloride		0.68	U	0.53	6.8
Xylenes, Total		2.0	U	0.91	14

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	137	Q	85 - 120
Dibromofluoromethane (Surr)	83		59 - 138
1,2-Dichloroethane-d4 (Surr)	102		61 - 130
Toluene-d8 (Surr)	109		85 - 115

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **076SS-0006M-0001-SO**

Lab Sample ID: 240-17317-4 Date Sampled: 11/06/2012 1800
Client Matrix: Solid % Moisture: 16.8 Date Received: 11/07/2012 1730

8260B/DoD Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B/DoD	Analysis Batch:	240-64980	Instrument ID:	A3UX14
Prep Method:	5035	Prep Batch:	240-64810	Lab File ID:	149155.D
Dilution:	1.0			Initial Weight/Volume:	5.13 g
Analysis Date:	11/14/2012 1841			Final Weight/Volume:	5 mL
Prep Date:	11/07/2012 1925				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Acetone		46		7.4	23
Benzene		0.59	U	0.27	5.9
Bromochloromethane		1.2	U	0.83	5.9
Bromodichloromethane		0.59	U	0.33	5.9
Bromoform		0.59	U	0.39	5.9
Bromomethane		1.2	U	0.63	5.9
2-Butanone (MEK)		2.3	U	1.6	23
Carbon disulfide		1.0	J	0.52	5.9
Carbon tetrachloride		0.59	U	0.43	5.9
Chlorobenzene		0.59	U	0.39	5.9
Chloroethane		1.2	U	1.0	5.9
Chloroform		0.59	U	0.34	5.9
Chloromethane		0.59	U	0.48	5.9
cis-1,3-Dichloropropene		0.59	U	0.40	5.9
Dibromochloromethane		1.2	U	0.64	5.9
1,2-Dibromoethane		1.2	U	0.59	5.9
1,1-Dichloroethane		0.59	U	0.42	5.9
1,2-Dichloroethane		0.59	U	0.40	5.9
1,1-Dichloroethene		1.2	U	0.61	5.9
1,2-Dichloroethene, Total		1.2	U	0.90	12
1,2-Dichloropropane		1.2	U	0.81	5.9
Ethylbenzene		0.59	U	0.30	5.9
2-Hexanone		1.2	U	0.74	23
Methylene Chloride		1.2	U	0.79	5.9
4-Methyl-2-pentanone (MIBK)		1.2	U	0.63	23
Styrene		0.59	U	0.18	5.9
1,1,2,2-Tetrachloroethane		0.59	U	0.40	5.9
Tetrachloroethene		1.2	U	0.61	5.9
Toluene		0.59	U	0.32	5.9
trans-1,3-Dichloropropene		1.2	U	0.63	5.9
1,1,1-Trichloroethane		1.2	U	0.66	5.9
1,1,2-Trichloroethane		0.59	U	0.46	5.9
Trichloroethene		0.59	U	0.49	5.9
Vinyl chloride		0.59	U	0.46	5.9
Xylenes, Total		1.8	U	0.79	12

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	100		85 - 120
Dibromofluoromethane (Surr)	79		59 - 138
1,2-Dichloroethane-d4 (Surr)	97		61 - 130
Toluene-d8 (Surr)	100		85 - 115

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **068SS-0003M-0001-SO**

Lab Sample ID: 240-17317-7 Date Sampled: 11/06/2012 1200
Client Matrix: Solid % Moisture: 12.3 Date Received: 11/07/2012 1730

8260B/DoD Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B/DoD	Analysis Batch:	240-64980	Instrument ID:	A3UX14
Prep Method:	5035	Prep Batch:	240-64810	Lab File ID:	149156.D
Dilution:	1.0			Initial Weight/Volume:	7.124 g
Analysis Date:	11/14/2012 1902			Final Weight/Volume:	5 mL
Prep Date:	11/07/2012 1925				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Acetone		5.0	U	5.0	16
Benzene		0.40	U	0.18	4.0
Bromochloromethane		0.80	U	0.57	4.0
Bromodichloromethane		0.40	U J	0.22	4.0
Bromoform		0.40	U	0.26	4.0
Bromomethane		0.80	U	0.43	4.0
2-Butanone (MEK)		1.6	U	1.1	16
Carbon disulfide		0.69	J	0.35	4.0
Carbon tetrachloride		0.40	U	0.30	4.0
Chlorobenzene		0.40	U J	0.26	4.0
Chloroethane		0.80	U	0.69	4.0
Chloroform		0.40	U	0.23	4.0
Chloromethane		0.40	U	0.33	4.0
cis-1,3-Dichloropropene		0.40	U J	0.27	4.0
Dibromochloromethane		0.80	U	0.44	4.0
1,2-Dibromoethane		0.80	U	0.40	4.0
1,1-Dichloroethane		0.40	U	0.29	4.0
1,2-Dichloroethane		0.40	U	0.27	4.0
1,1-Dichloroethene		0.80	U	0.42	4.0
1,2-Dichloroethene, Total		0.80	U	0.62	8.0
1,2-Dichloropropane		0.80	U	0.55	4.0
Ethylbenzene		0.40	U J	0.21	4.0
2-Hexanone		0.80	U	0.50	16
Methylene Chloride		0.80	U	0.54	4.0
4-Methyl-2-pentanone (MIBK)		0.80	U	0.43	16
Styrene		0.40	U J	0.12	4.0
1,1,2,2-Tetrachloroethane		0.40	U	0.27	4.0
Tetrachloroethene		0.80	U J	0.42	4.0
Toluene		0.40	U J	0.22	4.0
trans-1,3-Dichloropropene		0.80	U	0.43	4.0
1,1,1-Trichloroethane		0.80	U	0.45	4.0
1,1,2-Trichloroethane		0.40	U	0.31	4.0
Trichloroethene		0.40	U	0.34	4.0
Vinyl chloride		0.40	U	0.31	4.0
Xylenes, Total		1.2	U J	0.54	8.0

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	96		85 - 120
Dibromofluoromethane (Surr)	75		59 - 138
1,2-Dichloroethane-d4 (Surr)	96		61 - 130
Toluene-d8 (Surr)	94		85 - 115

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **068SS-0004M-0001-SO**

Lab Sample ID: 240-17317-8 Date Sampled: 11/06/2012 1200
Client Matrix: Solid % Moisture: 2.0 Date Received: 11/07/2012 1730

8260B/DoD Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B/DoD	Analysis Batch:	240-64980	Instrument ID:	A3UX14
Prep Method:	5035	Prep Batch:	240-64810	Lab File ID:	149159.D
Dilution:	1.0			Initial Weight/Volume:	6.948 g
Analysis Date:	11/14/2012 2007			Final Weight/Volume:	5 mL
Prep Date:	11/07/2012 1925				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Acetone		4.6	U	4.6	15
Benzene		0.37	U	0.17	3.7
Bromochloromethane		0.73	U	0.52	3.7
Bromodichloromethane		0.37	U	0.21	3.7
Bromoform		0.37	U	0.24	3.7
Bromomethane		0.73	U	0.40	3.7
2-Butanone (MEK)		1.5	U	1.0	15
Carbon disulfide		0.66	J	0.32	3.7
Carbon tetrachloride		0.37	U	0.27	3.7
Chlorobenzene		0.37	U	0.24	3.7
Chloroethane		0.73	U	0.63	3.7
Chloroform		0.37	U	0.21	3.7
Chloromethane		0.37	U	0.30	3.7
cis-1,3-Dichloropropene		0.37	U	0.25	3.7
Dibromochloromethane		0.73	U	0.40	3.7
1,2-Dibromoethane		0.73	U	0.37	3.7
1,1-Dichloroethane		0.37	U	0.26	3.7
1,2-Dichloroethane		0.37	U	0.25	3.7
1,1-Dichloroethene		0.73	U	0.38	3.7
1,2-Dichloroethene, Total		0.73	U	0.57	7.3
1,2-Dichloropropane		0.73	U	0.51	3.7
Ethylbenzene		0.37	U	0.19	3.7
2-Hexanone		0.66	J	0.46	15
Methylene Chloride		0.73	U	0.49	3.7
4-Methyl-2-pentanone (MIBK)		0.73	U	0.40	15
Styrene		0.14	J	0.11	3.7
1,1,2,2-Tetrachloroethane		0.37	U	0.25	3.7
Tetrachloroethene		0.73	U	0.38	3.7
Toluene		0.37	U	0.20	3.7
trans-1,3-Dichloropropene		0.73	U	0.40	3.7
1,1,1-Trichloroethane		0.73	U	0.41	3.7
1,1,2-Trichloroethane		0.37	U	0.29	3.7
Trichloroethene		0.37	U	0.31	3.7
Vinyl chloride		0.37	U	0.29	3.7
Xylenes, Total		1.1	U	0.49	7.3

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	99		85 - 120
Dibromofluoromethane (Surr)	82		59 - 138
1,2-Dichloroethane-d4 (Surr)	100		61 - 130
Toluene-d8 (Surr)	93		85 - 115

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **076SS-0004M-0001-SO**

Lab Sample ID: 240-17317-9 Date Sampled: 11/06/2012 1000
Client Matrix: Solid % Moisture: 16.6 Date Received: 11/07/2012 1730

8260B/DoD Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B/DoD	Analysis Batch:	240-64980	Instrument ID:	A3UX14
Prep Method:	5035	Prep Batch:	240-64810	Lab File ID:	149160.D
Dilution:	1.0			Initial Weight/Volume:	5.993 g
Analysis Date:	11/14/2012 2029			Final Weight/Volume:	5 mL
Prep Date:	11/07/2012 1925				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Acetone		6.3	U	6.3	20
Benzene		0.50	U	0.23	5.0
Bromochloromethane		1.0	U	0.71	5.0
Bromodichloromethane		0.50	U	0.28	5.0
Bromoform		0.50	U	0.33	5.0
Bromomethane		1.0	U	0.54	5.0
2-Butanone (MEK)		2.0	U	1.4	20
Carbon disulfide		0.50	U	0.44	5.0
Carbon tetrachloride		0.50	U	0.37	5.0
Chlorobenzene		0.50	U	0.33	5.0
Chloroethane		1.0	U	0.86	5.0
Chloroform		0.50	U	0.29	5.0
Chloromethane		0.50	U	0.41	5.0
cis-1,3-Dichloropropene		0.50	U	0.34	5.0
Dibromochloromethane		1.0	U	0.55	5.0
1,2-Dibromoethane		1.0	U	0.50	5.0
1,1-Dichloroethane		0.50	U	0.36	5.0
1,2-Dichloroethane		0.50	U	0.34	5.0
1,1-Dichloroethene		1.0	U	0.52	5.0
1,2-Dichloroethene, Total		1.0	U	0.77	10
1,2-Dichloropropane		1.0	U	0.69	5.0
Ethylbenzene		0.50	U	0.26	5.0
2-Hexanone		1.0	U	0.63	20
Methylene Chloride		1.0	U	0.67	5.0
4-Methyl-2-pentanone (MIBK)		1.0	U	0.54	20
Styrene		0.21	J	0.15	5.0
1,1,2,2-Tetrachloroethane		0.50	U	0.34	5.0
Tetrachloroethene		1.0	U	0.52	5.0
Toluene		0.41	J	0.27	5.0
trans-1,3-Dichloropropene		1.0	U	0.54	5.0
1,1,1-Trichloroethane		1.0	U	0.56	5.0
1,1,2-Trichloroethane		0.50	U	0.39	5.0
Trichloroethene		0.50	U	0.42	5.0
Vinyl chloride		0.50	U	0.39	5.0
Xylenes, Total		1.5	U	0.67	10

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	155	Q	85 - 120
Dibromofluoromethane (Surr)	88		59 - 138
1,2-Dichloroethane-d4 (Surr)	103		61 - 130
Toluene-d8 (Surr)	118	Q	85 - 115

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **076SS-0003M-0001-SO**

Lab Sample ID: 240-17317-10 Date Sampled: 11/06/2012 0920
Client Matrix: Solid % Moisture: 13.3 Date Received: 11/07/2012 1730

8260B/DoD Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B/DoD	Analysis Batch:	240-64980	Instrument ID:	A3UX14
Prep Method:	5035	Prep Batch:	240-64810	Lab File ID:	149161.D
Dilution:	1.0			Initial Weight/Volume:	6.131 g
Analysis Date:	11/14/2012 2050			Final Weight/Volume:	5 mL
Prep Date:	11/07/2012 1925				

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
Acetone		5.9	U	5.9	19
Benzene		0.47	U	0.22	4.7
Bromochloromethane		0.94	U	0.67	4.7
Bromodichloromethane		0.47	U	0.26	4.7
Bromoform		0.47	U	0.31	4.7
Bromomethane		0.94	U	0.51	4.7
2-Butanone (MEK)		1.9	U	1.3	19
Carbon disulfide		0.47	U	0.41	4.7
Carbon tetrachloride		0.47	U	0.35	4.7
Chlorobenzene		0.47	U	0.31	4.7
Chloroethane		0.94	U	0.81	4.7
Chloroform		0.47	U	0.27	4.7
Chloromethane		0.47	U	0.39	4.7
cis-1,3-Dichloropropene		0.47	U	0.32	4.7
Dibromochloromethane		0.94	U	0.52	4.7
1,2-Dibromoethane		0.94	U	0.47	4.7
1,1-Dichloroethane		0.47	U	0.34	4.7
1,2-Dichloroethane		0.47	U	0.32	4.7
1,1-Dichloroethene		0.94	U	0.49	4.7
1,2-Dichloroethene, Total		0.94	U	0.72	9.4
1,2-Dichloropropane		0.94	U	0.65	4.7
Ethylbenzene		0.47	U	0.24	4.7
2-Hexanone		0.94	U	0.59	19
Methylene Chloride		0.94	U	0.63	4.7
4-Methyl-2-pentanone (MIBK)		0.94	U	0.51	19
Styrene		0.47	U	0.14	4.7
1,1,2,2-Tetrachloroethane		0.47	U	0.32	4.7
Tetrachloroethene		0.94	U	0.49	4.7
Toluene		0.64	J	0.25	4.7
trans-1,3-Dichloropropene		0.94	U	0.51	4.7
1,1,1-Trichloroethane		0.94	U	0.53	4.7
1,1,2-Trichloroethane		0.47	U	0.37	4.7
Trichloroethene		0.47	U	0.40	4.7
Vinyl chloride		0.47	U	0.37	4.7
Xylenes, Total		1.4	U	0.63	9.4

Surrogate	%Rec	Qualifier	Acceptance Limits
4-Bromofluorobenzene (Surr)	105		85 - 120
Dibromofluoromethane (Surr)	79		59 - 138
1,2-Dichloroethane-d4 (Surr)	93		61 - 130
Toluene-d8 (Surr)	94		85 - 115

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **076SS-0027-0001-TB**

Lab Sample ID: 240-17317-25 Date Sampled: 11/07/2012 0800
Client Matrix: Water Date Received: 11/07/2012 1730

8260B/DoD Volatile Organic Compounds (GC/MS)

Analysis Method:	8260B/DoD	Analysis Batch:	240-64831	Instrument ID:	A3UX10
Prep Method:	5030B	Prep Batch:	N/A	Lab File ID:	UXX0868.D
Dilution:	1.0			Initial Weight/Volume:	5 mL
Analysis Date:	11/13/2012 1359			Final Weight/Volume:	5 mL
Prep Date:	11/13/2012 1359				

Analyte	Result (ug/L)	Qualifier	DL	LOQ
1,1,1-Trichloroethane	0.25	U	0.22	1.0
1,1,2,2-Tetrachloroethane	0.25	U	0.18	1.0
1,1,2-Trichloroethane	0.50	U	0.27	1.0
1,1-Dichloroethane	0.25	U	0.15	1.0
1,1-Dichloroethene	0.25	U	0.19	1.0
1,2-Dichloroethane	0.25	U	0.22	1.0
1,2-Dichloroethene, Total	0.50	U	0.34	2.0
1,2-Dichloropropane	0.25	U	0.18	1.0
2-Butanone (MEK)	0.57	U	0.57	10
2-Hexanone	0.50	U	0.41	10
4-Methyl-2-pentanone (MIBK)	0.50	U	0.32	10
Acetone	1.1	U	1.1	10
Benzene	0.25	U	0.13	1.0
Bromoform	0.64	U	0.64	1.0
Bromomethane	0.50	U	0.41	1.0
Carbon disulfide	0.25	U	0.13	1.0
Carbon tetrachloride	0.25	U	0.13	1.0
Chlorobenzene	0.25	U	0.15	1.0
Chloromethane	0.50	U	0.30	1.0
cis-1,3-Dichloropropene	0.25	U	0.14	1.0
Dibromochloromethane	0.25	U	0.18	1.0
Bromodichloromethane	0.25	U	0.15	1.0
Ethylbenzene	0.25	U	0.17	1.0
Methyl tert-butyl ether	0.25	U	0.17	1.0
Methylene Chloride	0.50	U	0.33	1.0
Styrene	0.25	U	0.11	1.0
Tetrachloroethene	0.50	U	0.29	1.0
Toluene	0.25	U	0.13	1.0
trans-1,3-Dichloropropene	0.25	U	0.19	1.0
Trichloroethene	0.25	U	0.17	1.0
Vinyl chloride	0.25	U	0.22	1.0
Xylenes, Total	0.75	U	0.28	2.0
Chloroform	0.25	U	0.16	1.0
Bromochloromethane	0.50	U	0.29	1.0
1,2-Dibromoethane	0.25	U	0.24	1.0
Chloroethane	0.50	U	0.29	1.0

Surrogate	%Rec	Qualifier	Acceptance Limits
Toluene-d8 (Surr)	98		85 - 120
1,2-Dichloroethane-d4 (Surr)	99		70 - 120
4-Bromofluorobenzene (Surr)	86		75 - 120
Dibromofluoromethane (Surr)	98		85 - 115

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **076SS-0002M-0001-SO**

Lab Sample ID: 240-17317-1 Date Sampled: 11/06/2012 0840
Client Matrix: Solid Date Received: 11/07/2012 1730

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-65876	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-65352	Lab File ID:	21121013.D
Dilution:	5.0	Leach Batch:	240-64879	Initial Weight/Volume:	30.28 g
Analysis Date:	11/21/2012 1559			Final Weight/Volume:	2 mL
Prep Date:	11/16/2012 1146			Injection Volume:	1 uL
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Acenaphthene		220	D	16	33
Acenaphthylene		28	J D	16	33
Anthracene		790	D	16	33
Benzo[a]anthracene		1500	D	16	33
Benzo[a]pyrene		1300	D	16	33
Benzo[b]fluoranthene		2000	D	16	33
Benzo[g,h,i]perylene		600	D	16	33
Benzoic acid		1600	U	1600	3300
Benzo[k]fluoranthene		660	D M	16	33
Benzyl alcohol		130	U	100	1600
Bis(2-chloroethoxy)methane		130	U	110	500
Bis(2-chloroethyl)ether		16	U	9.9	500
bis (2-chloroisopropyl) ether		130	U	47	500
Bis(2-ethylhexyl) phthalate		130	U	94	250
4-Bromophenyl phenyl ether		130	U	64	250
Butyl benzyl phthalate		130	U	50	250
Carbazole		490	D	130	250
4-Chloroaniline		130	U	84	740
4-Chloro-3-methylphenol		130	U	100	740
2-Chloronaphthalene		16	U	16	250
2-Chlorophenol		130	U	130	250
4-Chlorophenyl phenyl ether		130	U	64	250
Chrysene		1500	D	5.4	33
Dibenz(a,h)anthracene		200	D M	16	33
Dibenzofuran		330	D	16	250
1,4-Dichlorobenzene		130	U	99	250
1,2-Dichlorobenzene		130	U	48	250
1,3-Dichlorobenzene		130	U	54	250
3,3'-Dichlorobenzidine		400	U	89	500
2,4-Dichlorophenol		130	U	99	740
Diethyl phthalate		130	U	79	250
2,4-Dimethylphenol		400	U	99	740
Dimethyl phthalate		130	U	84	250
Di-n-butyl phthalate		130	U	74	250
4,6-Dinitro-2-methylphenol		400	U	400	740
2,4-Dinitrophenol		400	U	400	1600
2,4-Dinitrotoluene		130	U	130	990
2,6-Dinitrotoluene		130	U	100	990
Di-n-octyl phthalate		130	U	130	250
Fluoranthene		4100	D	16	33
Fluorene		340	D	16	33
Hexachlorobenzene		16	U	10	33
Hexachlorobutadiene		130	U	130	250
Hexachlorocyclopentadiene		130	U	130	1600
Hexachloroethane		130	U	45	250

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **076SS-0002M-0001-SO**

Lab Sample ID: 240-17317-1 Date Sampled: 11/06/2012 0840
Client Matrix: Solid Date Received: 11/07/2012 1730

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-65876	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-65352	Lab File ID:	21121013.D
Dilution:	5.0	Leach Batch:	240-64879	Initial Weight/Volume:	30.28 g
Analysis Date:	11/21/2012 1559			Final Weight/Volume:	2 mL
Prep Date:	11/16/2012 1146			Injection Volume:	1 uL
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Indeno[1,2,3-cd]pyrene		610	D	16	33
Isophorone		130	U	64	250
2-Methylnaphthalene		210	D	16	33
2-Methylphenol		400	U	400	990
3 & 4 Methylphenol		400	U	99	2000
Naphthalene		350	D	16	33
2-Nitroaniline		130	U	45	990
3-Nitroaniline		400	U	79	990
4-Nitroaniline		130	U	130	990
Nitrobenzene		16	U	11	500
2-Nitrophenol		130	U	130	250
4-Nitrophenol		400	U	400	1600
N-Nitrosodi-n-propylamine		130	U	130	250
N-Nitrosodiphenylamine		130	U	100	250
Pentachlorophenol		400	U	400	740
Phenanthrene		3700	D	16	33
Phenol		130	U	130	250
Pyrene		2800	D	16	33
1,2,4-Trichlorobenzene		130	U	130	250
2,4,5-Trichlorophenol		130	U	120	740
2,4,6-Trichlorophenol		400	U	400	740

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	64		45 - 105
2-Fluorophenol (Surr)	63		35 - 105
Nitrobenzene-d5 (Surr)	61		35 - 100
Terphenyl-d14 (Surr)	76		30 - 125
2,4,6-Tribromophenol (Surr)	76		35 - 125
Phenol-d5 (Surr)	67		40 - 100

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **076SS-0001M-0001-SO**

Lab Sample ID: 240-17317-2 Date Sampled: 11/06/2012 0923
Client Matrix: Solid Date Received: 11/07/2012 1730

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-65876	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-65352	Lab File ID:	21121016.D
Dilution:	12.5	Leach Batch:	240-64879	Initial Weight/Volume:	30.09 g
Analysis Date:	11/21/2012 1709			Final Weight/Volume:	2 mL
Prep Date:	11/16/2012 1146			Injection Volume:	1 uL
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Acenaphthene		660	D	41	83
Acenaphthylene		55	J D	41	83
Anthracene		2600	D	41	83
Benzo[a]anthracene		5800	D	41	83
Benzo[a]pyrene		5100	D	41	83
Benzo[b]fluoranthene		8000	D	41	83
Benzo[g,h,i]perylene		2000	D	41	83
Benzoic acid		4200	U	4200	8200
Benzo[k]fluoranthene		2200	D M	41	83
Benzyl alcohol		340	U	260	4100
Bis(2-chloroethoxy)methane		340	U	270	1200
Bis(2-chloroethyl)ether		41	U	25	1200
bis (2-chloroisopropyl) ether		340	U	120	1200
Bis(2-ethylhexyl) phthalate		340	U	240	620
4-Bromophenyl phenyl ether		340	U	160	620
Butyl benzyl phthalate		340	U	120	620
Carbazole		1700	D	340	620
4-Chloroaniline		340	U	210	1900
4-Chloro-3-methylphenol		340	U	260	1900
2-Chloronaphthalene		41	U	41	620
2-Chlorophenol		340	U	340	620
4-Chlorophenyl phenyl ether		340	U	160	620
Chrysene		6000	D	14	83
Dibenz(a,h)anthracene		720	D	41	83
Dibenzofuran		1000	D	41	620
1,4-Dichlorobenzene		340	U	250	620
1,2-Dichlorobenzene		340	U	120	620
1,3-Dichlorobenzene		340	U	140	620
3,3'-Dichlorobenzidine		1000	U	220	1200
2,4-Dichlorophenol		340	U	250	1900
Diethyl phthalate		340	U	200	620
2,4-Dimethylphenol		1000	U	250	1900
Dimethyl phthalate		340	U	210	620
Di-n-butyl phthalate		340	U	190	620
4,6-Dinitro-2-methylphenol		1000	U	1000	1900
2,4-Dinitrophenol		1000	U	1000	4100
2,4-Dinitrotoluene		340	U	340	2500
2,6-Dinitrotoluene		340	U	260	2500
Di-n-octyl phthalate		340	U	340	620
Fluoranthene		16000	D	41	83
Fluorene		1000	D	41	83
Hexachlorobenzene		41	U	26	83
Hexachlorobutadiene		340	U	340	620
Hexachlorocyclopentadiene		340	U	340	4100
Hexachloroethane		340	U	110	620

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **076SS-0001M-0001-SO**

Lab Sample ID: 240-17317-2 Date Sampled: 11/06/2012 0923
Client Matrix: Solid Date Received: 11/07/2012 1730

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-65876	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-65352	Lab File ID:	21121016.D
Dilution:	12.5	Leach Batch:	240-64879	Initial Weight/Volume:	30.09 g
Analysis Date:	11/21/2012 1709			Final Weight/Volume:	2 mL
Prep Date:	11/16/2012 1146			Injection Volume:	1 uL
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Indeno[1,2,3-cd]pyrene		1900	D	41	83
Isophorone		340	U	160	620
2-Methylnaphthalene		450	D	41	83
2-Methylphenol		1000	U	1000	2500
3 & 4 Methylphenol		1000	U	250	5000
Naphthalene		700	D	41	83
2-Nitroaniline		340	U	110	2500
3-Nitroaniline		1000	U	200	2500
4-Nitroaniline		340	U	320	2500
Nitrobenzene		41	U	27	1200
2-Nitrophenol		340	U	340	620
4-Nitrophenol		1000	U	1000	4100
N-Nitrosodi-n-propylamine		340	U	340	620
N-Nitrosodiphenylamine		340	U	260	620
Pentachlorophenol		1000	U	1000	1900
Phenanthrene		13000	D	41	83
Phenol		340	U	340	620
Pyrene		11000	D	41	83
1,2,4-Trichlorobenzene		340	U	340	620
2,4,5-Trichlorophenol		340	U	310	1900
2,4,6-Trichlorophenol		1000	U	1000	1900

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	72		45 - 105
2-Fluorophenol (Surr)	63		35 - 105
Nitrobenzene-d5 (Surr)	60		35 - 100
Terphenyl-d14 (Surr)	81		30 - 125
2,4,6-Tribromophenol (Surr)	78		35 - 125
Phenol-d5 (Surr)	72		40 - 100

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **076SS-0005M-0001-SO**

Lab Sample ID: 240-17317-3 Date Sampled: 11/06/2012 1830
Client Matrix: Solid Date Received: 11/07/2012 1730

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-65876	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-65352	Lab File ID:	21121015.D
Dilution:	2.5	Leach Batch:	240-64879	Initial Weight/Volume:	30.00 g
Analysis Date:	11/21/2012 1646			Final Weight/Volume:	2 mL
Prep Date:	11/16/2012 1146			Injection Volume:	1 uL
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Acenaphthene		86		8.3	17
Acenaphthylene		28		8.3	17
Anthracene		280		8.3	17
Benzo[a]anthracene		540		8.3	17
Benzo[a]pyrene		510		8.3	17
Benzo[b]fluoranthene		790		8.3	17
Benzo[g,h,i]perylene		200		8.3	17
Benzoic acid		830	U	830	1700
Benzo[k]fluoranthene		300	M	8.3	17
Benzyl alcohol		68	U	53	830
Bis(2-chloroethoxy)methane		68	U	55	250
Bis(2-chloroethyl)ether		8.3	U	5.0	250
bis (2-chloroisopropyl) ether		68	U	24	250
Bis(2-ethylhexyl) phthalate		68	U	48	130
4-Bromophenyl phenyl ether		68	U	33	130
Butyl benzyl phthalate		68	U	25	130
Carbazole		170		68	130
4-Chloroaniline		68	U	43	380
4-Chloro-3-methylphenol		68	U	53	380
2-Chloronaphthalene		8.3	U	8.3	130
2-Chlorophenol		68	U	68	130
4-Chlorophenyl phenyl ether		68	U	33	130
Chrysene		570		2.8	17
Dibenz(a,h)anthracene		81	M	8.3	17
Dibenzofuran		130		8.3	130
1,4-Dichlorobenzene		68	U	50	130
1,2-Dichlorobenzene		68	U	24	130
1,3-Dichlorobenzene		68	U	28	130
3,3'-Dichlorobenzidine		200	U	45	250
2,4-Dichlorophenol		68	U	50	380
Diethyl phthalate		68	U	40	130
2,4-Dimethylphenol		200	U	50	380
Dimethyl phthalate		68	U	43	130
Di-n-butyl phthalate		68	U	38	130
4,6-Dinitro-2-methylphenol		200	U	200	380
2,4-Dinitrophenol		200	U	200	830
2,4-Dinitrotoluene		68	U	68	500
2,6-Dinitrotoluene		68	U	53	500
Di-n-octyl phthalate		68	U	68	130
Fluoranthene		1400		8.3	17
Fluorene		130		8.3	17
Hexachlorobenzene		8.3	U	5.3	17
Hexachlorobutadiene		68	U	68	130
Hexachlorocyclopentadiene		68	U	68	830
Hexachloroethane		68	U	23	130

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **076SS-0005M-0001-SO**

Lab Sample ID: 240-17317-3 Date Sampled: 11/06/2012 1830
Client Matrix: Solid Date Received: 11/07/2012 1730

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-65876	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-65352	Lab File ID:	21121015.D
Dilution:	2.5	Leach Batch:	240-64879	Initial Weight/Volume:	30.00 g
Analysis Date:	11/21/2012 1646			Final Weight/Volume:	2 mL
Prep Date:	11/16/2012 1146			Injection Volume:	1 uL
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Indeno[1,2,3-cd]pyrene		210		8.3	17
Isophorone		68	U	33	130
2-Methylnaphthalene		140		8.3	17
2-Methylphenol		200	U	200	500
3 & 4 Methylphenol		200	U	50	1000
Naphthalene		160		8.3	17
2-Nitroaniline		68	U	23	500
3-Nitroaniline		200	U	40	500
4-Nitroaniline		68	U	65	500
Nitrobenzene		8.3	U	5.5	250
2-Nitrophenol		68	U	68	130
4-Nitrophenol		200	U	200	830
N-Nitrosodi-n-propylamine		68	U	68	130
N-Nitrosodiphenylamine		68	U	53	130
Pentachlorophenol		200	U	200	380
Phenanthrene		1200		8.3	17
Phenol		68	U	68	130
Pyrene		940		8.3	17
1,2,4-Trichlorobenzene		68	U	68	130
2,4,5-Trichlorophenol		68	U	63	380
2,4,6-Trichlorophenol		200	U	200	380

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	61		45 - 105
2-Fluorophenol (Surr)	57		35 - 105
Nitrobenzene-d5 (Surr)	53		35 - 100
Terphenyl-d14 (Surr)	69		30 - 125
2,4,6-Tribromophenol (Surr)	70		35 - 125
Phenol-d5 (Surr)	59		40 - 100

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **076SS-0006M-0001-SO**

Lab Sample ID: 240-17317-4 Date Sampled: 11/06/2012 1800
Client Matrix: Solid Date Received: 11/07/2012 1730

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-65876	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-65352	Lab File ID:	21121014.D
Dilution:	5.0	Leach Batch:	240-64879	Initial Weight/Volume:	29.59 g
Analysis Date:	11/21/2012 1622			Final Weight/Volume:	2 mL
Prep Date:	11/16/2012 1146			Injection Volume:	1 uL
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Acenaphthene		220	D	17	34
Acenaphthylene		95	D	17	34
Anthracene		630	D	17	34
Benzo[a]anthracene		1700	D	17	34
Benzo[a]pyrene		1500	D	17	34
Benzo[b]fluoranthene		2300	D	17	34
Benzo[g,h,i]perylene		640	D	17	34
Benzoic acid		1700	U	1700	3300
Benzo[k]fluoranthene		830	D M	17	34
Benzyl alcohol		140	U	110	1700
Bis(2-chloroethoxy)methane		140	U	110	510
Bis(2-chloroethyl)ether		17	U	10	510
bis (2-chloroisopropyl) ether		140	U	48	510
Bis(2-ethylhexyl) phthalate		140	U	96	250
4-Bromophenyl phenyl ether		140	U	66	250
Butyl benzyl phthalate		140	U	51	250
Carbazole		390	D	140	250
4-Chloroaniline		140	U	86	760
4-Chloro-3-methylphenol		140	U	110	760
2-Chloronaphthalene		17	U	17	250
2-Chlorophenol		140	U	140	250
4-Chlorophenyl phenyl ether		140	U	66	250
Chrysene		1700	D	5.6	34
Dibenz(a,h)anthracene		210	D	17	34
Dibenzofuran		390	D	17	250
1,4-Dichlorobenzene		140	U	100	250
1,2-Dichlorobenzene		140	U	49	250
1,3-Dichlorobenzene		140	U	56	250
3,3'-Dichlorobenzidine		410	U	91	510
2,4-Dichlorophenol		140	U	100	760
Diethyl phthalate		140	U	81	250
2,4-Dimethylphenol		410	U	100	760
Dimethyl phthalate		140	U	86	250
Di-n-butyl phthalate		140	U	76	250
4,6-Dinitro-2-methylphenol		410	U	410	760
2,4-Dinitrophenol		410	U	410	1700
2,4-Dinitrotoluene		140	U	140	1000
2,6-Dinitrotoluene		140	U	110	1000
Di-n-octyl phthalate		140	U	140	250
Fluoranthene		4100	D	17	34
Fluorene		270	D	17	34
Hexachlorobenzene		17	U	11	34
Hexachlorobutadiene		140	U	140	250
Hexachlorocyclopentadiene		140	U	140	1700
Hexachloroethane		140	U	46	250

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **076SS-0006M-0001-SO**

Lab Sample ID: 240-17317-4 Date Sampled: 11/06/2012 1800
Client Matrix: Solid Date Received: 11/07/2012 1730

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-65876	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-65352	Lab File ID:	21121014.D
Dilution:	5.0	Leach Batch:	240-64879	Initial Weight/Volume:	29.59 g
Analysis Date:	11/21/2012 1622			Final Weight/Volume:	2 mL
Prep Date:	11/16/2012 1146			Injection Volume:	1 uL
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Indeno[1,2,3-cd]pyrene		650	D	17	34
Isophorone		140	U	66	250
2-Methylnaphthalene		1000	D	17	34
2-Methylphenol		410	U	410	1000
3 & 4 Methylphenol		410	U	100	2000
Naphthalene		750	D	17	34
2-Nitroaniline		140	U	46	1000
3-Nitroaniline		410	U	81	1000
4-Nitroaniline		140	U	130	1000
Nitrobenzene		17	U	11	510
2-Nitrophenol		140	U	140	250
4-Nitrophenol		410	U	410	1700
N-Nitrosodi-n-propylamine		140	U	140	250
N-Nitrosodiphenylamine		140	U	110	250
Pentachlorophenol		410	U	410	760
Phenanthrene		3000	D	17	34
Phenol		140	U	140	250
Pyrene		3000	D	17	34
1,2,4-Trichlorobenzene		140	U	140	250
2,4,5-Trichlorophenol		140	U	130	760
2,4,6-Trichlorophenol		410	U	410	760

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	68		45 - 105
2-Fluorophenol (Surr)	60		35 - 105
Nitrobenzene-d5 (Surr)	59		35 - 100
Terphenyl-d14 (Surr)	77		30 - 125
2,4,6-Tribromophenol (Surr)	79		35 - 125
Phenol-d5 (Surr)	69		40 - 100

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **068SS-0001M-0001-SO**

Lab Sample ID: 240-17317-5 Date Sampled: 11/06/2012 1240
Client Matrix: Solid Date Received: 11/07/2012 1730

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-65876	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-65352	Lab File ID:	21121010.D
Dilution:	1.0	Leach Batch:	240-64879	Initial Weight/Volume:	30.15 g
Analysis Date:	11/21/2012 1448			Final Weight/Volume:	2 mL
Prep Date:	11/16/2012 1146			Injection Volume:	1 uL
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Acenaphthene		5.6	J	3.3	6.6
Acenaphthylene		20		3.3	6.6
Anthracene		39		3.3	6.6
Benzo[a]anthracene		170		3.3	6.6
Benzo[a]pyrene		150		3.3	6.6
Benzo[b]fluoranthene		300		3.3	6.6
Benzo[g,h,i]perylene		78		3.3	6.6
Benzoic acid		330	U	330	660
Benzo[k]fluoranthene		79	M	3.3	6.6
Benzyl alcohol		27	U	21	330
Bis(2-chloroethoxy)methane		27	U	22	100
Bis(2-chloroethyl)ether		3.3	U	2.0	100
bis (2-chloroisopropyl) ether		27	U	9.5	100
Bis(2-ethylhexyl) phthalate		47	J	19	50
4-Bromophenyl phenyl ether		27	U	13	50
Butyl benzyl phthalate		27	U	10	50
Carbazole		27	U	27	50
4-Chloroaniline		27	U	17	150
4-Chloro-3-methylphenol		27	U	21	150
2-Chloronaphthalene		3.3	U	3.3	50
2-Chlorophenol		27	U	27	50
4-Chlorophenyl phenyl ether		27	U	13	50
Chrysene		220		1.1	6.6
Dibenz(a,h)anthracene		32		3.3	6.6
Dibenzofuran		9.6	J	3.3	50
1,4-Dichlorobenzene		27	U	20	50
1,2-Dichlorobenzene		27	U	9.7	50
1,3-Dichlorobenzene		27	U	11	50
3,3'-Dichlorobenzidine		80	U	18	100
2,4-Dichlorophenol		27	U	20	150
Diethyl phthalate		26	J	16	50
2,4-Dimethylphenol		80	U	20	150
Dimethyl phthalate		27	U	17	50
Di-n-butyl phthalate		31	J M	15	50
4,6-Dinitro-2-methylphenol		80	U	80	150
2,4-Dinitrophenol		80	U	80	330
2,4-Dinitrotoluene		27	U	27	200
2,6-Dinitrotoluene		27	U	21	200
Di-n-octyl phthalate		27	U	27	50
Fluoranthene		260		3.3	6.6
Fluorene		7.9		3.3	6.6
Hexachlorobenzene		3.3	U	2.1	6.6
Hexachlorobutadiene		27	U	27	50
Hexachlorocyclopentadiene		27	U	27	330
Hexachloroethane		27	U	9.0	50

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **068SS-0001M-0001-SO**

Lab Sample ID: 240-17317-5 Date Sampled: 11/06/2012 1240
Client Matrix: Solid Date Received: 11/07/2012 1730

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-65876	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-65352	Lab File ID:	21121010.D
Dilution:	1.0	Leach Batch:	240-64879	Initial Weight/Volume:	30.15 g
Analysis Date:	11/21/2012 1448			Final Weight/Volume:	2 mL
Prep Date:	11/16/2012 1146			Injection Volume:	1 uL
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Indeno[1,2,3-cd]pyrene		76		3.3	6.6
Isophorone		22	J	13	50
2-Methylnaphthalene		18		3.3	6.6
2-Methylphenol		80	U	80	200
3 & 4 Methylphenol		80	U	20	400
Naphthalene		14		3.3	6.6
2-Nitroaniline		27	U	9.1	200
3-Nitroaniline		80	U	16	200
4-Nitroaniline		27	U	26	200
Nitrobenzene		3.3	U	2.2	100
2-Nitrophenol		27	U	27	50
4-Nitrophenol		80	U	80	330
N-Nitrosodi-n-propylamine		27	U	27	50
N-Nitrosodiphenylamine		27	U	21	50
Pentachlorophenol		80	U	80	150
Phenanthrene		76		3.3	6.6
Phenol		27	U	27	50
Pyrene		200		3.3	6.6
1,2,4-Trichlorobenzene		27	U	27	50
2,4,5-Trichlorophenol		27	U	25	150
2,4,6-Trichlorophenol		80	U	80	150

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	61		45 - 105
2-Fluorophenol (Surr)	66		35 - 105
Nitrobenzene-d5 (Surr)	59		35 - 100
Terphenyl-d14 (Surr)	71		30 - 125
2,4,6-Tribromophenol (Surr)	79		35 - 125
Phenol-d5 (Surr)	68		40 - 100

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **068SS-0002M-0001-SO**

Lab Sample ID: 240-17317-6 Date Sampled: 11/06/2012 1210
Client Matrix: Solid Date Received: 11/07/2012 1730

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-65876	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-65352	Lab File ID:	21121011.D
Dilution:	1.0	Leach Batch:	240-64879	Initial Weight/Volume:	30.44 g
Analysis Date:	11/21/2012 1512			Final Weight/Volume:	2 mL
Prep Date:	11/16/2012 1146			Injection Volume:	1 uL
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Acenaphthene		10		3.3	6.6
Acenaphthylene		28		3.3	6.6
Anthracene		41		3.3	6.6
Benzo[a]anthracene		160		3.3	6.6
Benzo[a]pyrene		160		3.3	6.6
Benzo[b]fluoranthene		410		3.3	6.6
Benzo[g,h,i]perylene		120		3.3	6.6
Benzoic acid		330	U	330	650
Benzo[k]fluoranthene		170	M	3.3	6.6
Benzyl alcohol		27	U	21	330
Bis(2-chloroethoxy)methane		27	U	22	99
Bis(2-chloroethyl)ether		3.3	U	2.0	99
bis (2-chloroisopropyl) ether		27	U	9.4	99
Bis(2-ethylhexyl) phthalate		61		19	49
4-Bromophenyl phenyl ether		27	U	13	49
Butyl benzyl phthalate		27	U	9.9	49
Carbazole		29	J	27	49
4-Chloroaniline		27	U	17	150
4-Chloro-3-methylphenol		27	U	21	150
2-Chloronaphthalene		3.3	U	3.3	49
2-Chlorophenol		27	U	27	49
4-Chlorophenyl phenyl ether		27	U	13	49
Chrysene		240		1.1	6.6
Dibenz(a,h)anthracene		37		3.3	6.6
Dibenzofuran		19	J	3.3	49
1,4-Dichlorobenzene		27	U	20	49
1,2-Dichlorobenzene		27	U	9.6	49
1,3-Dichlorobenzene		27	U	11	49
3,3'-Dichlorobenzidine		79	U	18	99
2,4-Dichlorophenol		27	U	20	150
Diethyl phthalate		26	J	16	49
2,4-Dimethylphenol		79	U	20	150
Dimethyl phthalate		27	U	17	49
Di-n-butyl phthalate		40	J M	15	49
4,6-Dinitro-2-methylphenol		79	U	79	150
2,4-Dinitrophenol		79	U	79	330
2,4-Dinitrotoluene		27	U	27	200
2,6-Dinitrotoluene		27	U	21	200
Di-n-octyl phthalate		27	U	27	49
Fluoranthene		280		3.3	6.6
Fluorene		12		3.3	6.6
Hexachlorobenzene		3.3	U	2.1	6.6
Hexachlorobutadiene		27	U	27	49
Hexachlorocyclopentadiene		27	U	27	330
Hexachloroethane		27	U	8.9	49

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **068SS-0002M-0001-SO**

Lab Sample ID: 240-17317-6 Date Sampled: 11/06/2012 1210
Client Matrix: Solid Date Received: 11/07/2012 1730

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-65876	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-65352	Lab File ID:	21121011.D
Dilution:	1.0	Leach Batch:	240-64879	Initial Weight/Volume:	30.44 g
Analysis Date:	11/21/2012 1512			Final Weight/Volume:	2 mL
Prep Date:	11/16/2012 1146			Injection Volume:	1 uL
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Indeno[1,2,3-cd]pyrene		100		3.3	6.6
Isophorone		22	J	13	49
2-Methylnaphthalene		37		3.3	6.6
2-Methylphenol		79	U	79	200
3 & 4 Methylphenol		79	U	20	390
Naphthalene		26		3.3	6.6
2-Nitroaniline		27	U	9.0	200
3-Nitroaniline		79	U	16	200
4-Nitroaniline		27	U	26	200
Nitrobenzene		3.3	U	2.2	99
2-Nitrophenol		27	U	27	49
4-Nitrophenol		79	U	79	330
N-Nitrosodi-n-propylamine		27	U	27	49
N-Nitrosodiphenylamine		27	U	21	49
Pentachlorophenol		79	U	79	150
Phenanthrene		110		3.3	6.6
Phenol		27	U	27	49
Pyrene		230		3.3	6.6
1,2,4-Trichlorobenzene		27	U	27	49
2,4,5-Trichlorophenol		27	U	25	150
2,4,6-Trichlorophenol		79	U	79	150

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	59		45 - 105
2-Fluorophenol (Surr)	60		35 - 105
Nitrobenzene-d5 (Surr)	60		35 - 100
Terphenyl-d14 (Surr)	73		30 - 125
2,4,6-Tribromophenol (Surr)	78		35 - 125
Phenol-d5 (Surr)	63		40 - 100

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **068SS-0003M-0001-SO**

Lab Sample ID: 240-17317-7 Date Sampled: 11/06/2012 1200
Client Matrix: Solid Date Received: 11/07/2012 1730

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-65876	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-65352	Lab File ID:	21121007.D
Dilution:	1.0	Leach Batch:	240-64879	Initial Weight/Volume:	29.86 g
Analysis Date:	11/21/2012 1338			Final Weight/Volume:	2 mL
Prep Date:	11/16/2012 1146			Injection Volume:	1 uL
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Acenaphthene		17		3.3	6.7
Acenaphthylene		9.2		3.3	6.7
Anthracene		48		3.3	6.7
Benzo[a]anthracene		270		3.3	6.7
Benzo[a]pyrene		330	J	3.3	6.7
Benzo[b]fluoranthene		520		3.3	6.7
Benzo[g,h,i]perylene		260	J	3.3	6.7
Benzoic acid		330	U	330	660
Benzo[k]fluoranthene		180	M	3.3	6.7
Benzyl alcohol		27	U	21	330
Bis(2-chloroethoxy)methane		27	U	22	100
Bis(2-chloroethyl)ether		3.3	U	2.0	100
bis (2-chloroisopropyl) ether		27	U	9.5	100
Bis(2-ethylhexyl) phthalate		34	J	19	50
4-Bromophenyl phenyl ether		27	U	13	50
Butyl benzyl phthalate		27	U	10	50
Carbazole		44	J	27	50
4-Chloroaniline		27	U J	17	150
4-Chloro-3-methylphenol		27	U	21	150
2-Chloronaphthalene		3.3	U	3.3	50
2-Chlorophenol		27	U	27	50
4-Chlorophenyl phenyl ether		27	U	13	50
Chrysene		340		1.1	6.7
Dibenz(a,h)anthracene		57		3.3	6.7
Dibenzofuran		15	J	3.3	50
1,4-Dichlorobenzene		27	U	20	50
1,2-Dichlorobenzene		27	U	9.7	50
1,3-Dichlorobenzene		27	U	11	50
3,3'-Dichlorobenzidine		80	U J	18	100
2,4-Dichlorophenol		27	U	20	150
Diethyl phthalate		22	J	16	50
2,4-Dimethylphenol		80	U	20	150
Dimethyl phthalate		27	U	17	50
Di-n-butyl phthalate		19	J	15	50
4,6-Dinitro-2-methylphenol		80	U	80	150
2,4-Dinitrophenol		80	U	80	330
2,4-Dinitrotoluene		27	U	27	200
2,6-Dinitrotoluene		27	U	21	200
Di-n-octyl phthalate		27	U	27	50
Fluoranthene		650	J	3.3	6.7
Fluorene		16		3.3	6.7
Hexachlorobenzene		3.3	U	2.1	6.7
Hexachlorobutadiene		27	U	27	50
Hexachlorocyclopentadiene		27	U	27	330
Hexachloroethane		27	U	9.0	50

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **068SS-0003M-0001-SO**

Lab Sample ID: 240-17317-7 Date Sampled: 11/06/2012 1200
Client Matrix: Solid Date Received: 11/07/2012 1730

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-65876	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-65352	Lab File ID:	21121007.D
Dilution:	1.0	Leach Batch:	240-64879	Initial Weight/Volume:	29.86 g
Analysis Date:	11/21/2012 1338			Final Weight/Volume:	2 mL
Prep Date:	11/16/2012 1146			Injection Volume:	1 uL
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Indeno[1,2,3-cd]pyrene		220		3.3	6.7
Isophorone		16	J	13	50
2-Methylnaphthalene		30		3.3	6.7
2-Methylphenol		80	U	80	200
3 & 4 Methylphenol		80	U	20	400
Naphthalene		24		3.3	6.7
2-Nitroaniline		27	U	9.1	200
3-Nitroaniline		80	U	16	200
4-Nitroaniline		27	U	26	200
Nitrobenzene		3.3	U	2.2	100
2-Nitrophenol		27	U	27	50
4-Nitrophenol		80	U	80	330
N-Nitrosodi-n-propylamine		27	U	27	50
N-Nitrosodiphenylamine		27	U	21	50
Pentachlorophenol		80	U	80	150
Phenanthrene		250		3.3	6.7
Phenol		27	U	27	50
Pyrene		480		3.3	6.7
1,2,4-Trichlorobenzene		27	U	27	50
2,4,5-Trichlorophenol		27	U	25	150
2,4,6-Trichlorophenol		80	U	80	150

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	71		45 - 105
2-Fluorophenol (Surr)	74		35 - 105
Nitrobenzene-d5 (Surr)	69		35 - 100
Terphenyl-d14 (Surr)	81		30 - 125
2,4,6-Tribromophenol (Surr)	87		35 - 125
Phenol-d5 (Surr)	74		40 - 100

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **068SS-0004M-0001-SO**

Lab Sample ID: 240-17317-8 Date Sampled: 11/06/2012 1200
Client Matrix: Solid Date Received: 11/07/2012 1730

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-65876	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-65352	Lab File ID:	21121012.D
Dilution:	5.0	Leach Batch:	240-64879	Initial Weight/Volume:	30.23 g
Analysis Date:	11/21/2012 1535			Final Weight/Volume:	2 mL
Prep Date:	11/16/2012 1146			Injection Volume:	1 uL
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Acenaphthene		16	U	16	33
Acenaphthylene		16	U	16	33
Anthracene		28	J D	16	33
Benzo[a]anthracene		190	D	16	33
Benzo[a]pyrene		250	D	16	33
Benzo[b]fluoranthene		390	D	16	33
Benzo[g,h,i]perylene		130	D	16	33
Benzoic acid		1700	U	1700	3300
Benzo[k]fluoranthene		100	D M	16	33
Benzyl alcohol		130	U	100	1600
Bis(2-chloroethoxy)methane		130	U	110	500
Bis(2-chloroethyl)ether		16	U	9.9	500
bis (2-chloroisopropyl) ether		130	U	47	500
Bis(2-ethylhexyl) phthalate		130	U	94	250
4-Bromophenyl phenyl ether		130	U	65	250
Butyl benzyl phthalate		130	U	50	250
Carbazole		130	U	130	250
4-Chloroaniline		130	U	84	740
4-Chloro-3-methylphenol		130	U	100	740
2-Chloronaphthalene		16	U	16	250
2-Chlorophenol		130	U	130	250
4-Chlorophenyl phenyl ether		130	U	65	250
Chrysene		230	D	5.5	33
Dibenz(a,h)anthracene		16	U	16	33
Dibenzofuran		16	U	16	250
1,4-Dichlorobenzene		130	U	99	250
1,2-Dichlorobenzene		130	U	48	250
1,3-Dichlorobenzene		130	U	55	250
3,3'-Dichlorobenzidine		400	U	89	500
2,4-Dichlorophenol		130	U	99	740
Diethyl phthalate		130	U	79	250
2,4-Dimethylphenol		400	U	99	740
Dimethyl phthalate		130	U	84	250
Di-n-butyl phthalate		130	U	74	250
4,6-Dinitro-2-methylphenol		400	U	400	740
2,4-Dinitrophenol		400	U	400	1600
2,4-Dinitrotoluene		130	U	130	990
2,6-Dinitrotoluene		130	U	100	990
Di-n-octyl phthalate		130	U	130	250
Fluoranthene		410	D	16	33
Fluorene		16	U	16	33
Hexachlorobenzene		16	U	10	33
Hexachlorobutadiene		130	U	130	250
Hexachlorocyclopentadiene		130	U	130	1600
Hexachloroethane		130	U	45	250

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **068SS-0004M-0001-SO**

Lab Sample ID: 240-17317-8 Date Sampled: 11/06/2012 1200
Client Matrix: Solid Date Received: 11/07/2012 1730

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-65876	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-65352	Lab File ID:	21121012.D
Dilution:	5.0	Leach Batch:	240-64879	Initial Weight/Volume:	30.23 g
Analysis Date:	11/21/2012 1535			Final Weight/Volume:	2 mL
Prep Date:	11/16/2012 1146			Injection Volume:	1 uL
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Indeno[1,2,3-cd]pyrene		140	D	16	33
Isophorone		130	U	65	250
2-Methylnaphthalene		23	J D	16	33
2-Methylphenol		400	U	400	990
3 & 4 Methylphenol		400	U	99	2000
Naphthalene		16	U	16	33
2-Nitroaniline		130	U	45	990
3-Nitroaniline		400	U	79	990
4-Nitroaniline		130	U	130	990
Nitrobenzene		16	U	11	500
2-Nitrophenol		130	U	130	250
4-Nitrophenol		400	U	400	1600
N-Nitrosodi-n-propylamine		130	U	130	250
N-Nitrosodiphenylamine		130	U	100	250
Pentachlorophenol		400	U	400	740
Phenanthrene		150	D	16	33
Phenol		130	U	130	250
Pyrene		310	D	16	33
1,2,4-Trichlorobenzene		130	U	130	250
2,4,5-Trichlorophenol		130	U	120	740
2,4,6-Trichlorophenol		400	U	400	740

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	61		45 - 105
2-Fluorophenol (Surr)	65		35 - 105
Nitrobenzene-d5 (Surr)	57		35 - 100
Terphenyl-d14 (Surr)	72		30 - 125
2,4,6-Tribromophenol (Surr)	75		35 - 125
Phenol-d5 (Surr)	64		40 - 100

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **076SS-0004M-0001-SO**

Lab Sample ID: 240-17317-9 Date Sampled: 11/06/2012 1000
Client Matrix: Solid Date Received: 11/07/2012 1730

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-66051	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-65352	Lab File ID:	21123025.D
Dilution:	10	Leach Batch:	240-64879	Initial Weight/Volume:	29.64 g
Analysis Date:	11/23/2012 1412			Final Weight/Volume:	2 mL
Prep Date:	11/16/2012 1150			Injection Volume:	1 uL
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Acenaphthene		390	D	33	68
Acenaphthylene		43	J D	33	68
Anthracene		1500	D	33	68
Benzo[a]anthracene		3400	D	33	68
Benzo[a]pyrene		2900	D	33	68
Benzo[b]fluoranthene		4300	D	33	68
Benzo[g,h,i]perylene		1700	D	33	68
Benzoic acid		3400	U	3400	6700
Benzo[k]fluoranthene		1300	D M	33	68
Benzyl alcohol		270	U	210	3300
Bis(2-chloroethoxy)methane		270	U	220	1000
Bis(2-chloroethyl)ether		33	U	20	1000
bis (2-chloroisopropyl) ether		270	U	96	1000
Bis(2-ethylhexyl) phthalate		270	U	190	510
4-Bromophenyl phenyl ether		270	U	130	510
Butyl benzyl phthalate		270	U	100	510
Carbazole		850	D	270	510
4-Chloroaniline		270	U	170	1500
4-Chloro-3-methylphenol		270	U	210	1500
2-Chloronaphthalene		33	U	33	510
2-Chlorophenol		270	U	270	510
4-Chlorophenyl phenyl ether		270	U	130	510
Chrysene		3300	D	11	68
Dibenz(a,h)anthracene		520	D	33	68
Dibenzofuran		460	J D	33	510
1,4-Dichlorobenzene		270	U	200	510
1,2-Dichlorobenzene		270	U	98	510
1,3-Dichlorobenzene		270	U	110	510
3,3'-Dichlorobenzidine		810	U	180	1000
2,4-Dichlorophenol		270	U	200	1500
Diethyl phthalate		270	U	160	510
2,4-Dimethylphenol		810	U	200	1500
Dimethyl phthalate		270	U	170	510
Di-n-butyl phthalate		270	U	150	510
4,6-Dinitro-2-methylphenol		810	U	810	1500
2,4-Dinitrophenol		810	U	810	3300
2,4-Dinitrotoluene		270	U	270	2000
2,6-Dinitrotoluene		270	U	210	2000
Di-n-octyl phthalate		270	U	270	510
Fluoranthene		8800	D	33	68
Fluorene		570	D	33	68
Hexachlorobenzene		33	U	21	68
Hexachlorobutadiene		270	U	270	510
Hexachlorocyclopentadiene		270	U	270	3300
Hexachloroethane		270	U	91	510

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **076SS-0004M-0001-SO**

Lab Sample ID: 240-17317-9 Date Sampled: 11/06/2012 1000
Client Matrix: Solid Date Received: 11/07/2012 1730

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-66051	Instrument ID:	A4HP7
Prep Method:	3540C	Prep Batch:	240-65352	Lab File ID:	21123025.D
Dilution:	10	Leach Batch:	240-64879	Initial Weight/Volume:	29.64 g
Analysis Date:	11/23/2012 1412			Final Weight/Volume:	2 mL
Prep Date:	11/16/2012 1150			Injection Volume:	1 uL
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Indeno[1,2,3-cd]pyrene		1600	D	33	68
Isophorone		270	U	130	510
2-Methylnaphthalene		250	D	33	68
2-Methylphenol		810	U	810	2000
3 & 4 Methylphenol		810	U	200	4000
Naphthalene		330	D	33	68
2-Nitroaniline		270	U	92	2000
3-Nitroaniline		810	U	160	2000
4-Nitroaniline		270	U	260	2000
Nitrobenzene		33	U	22	1000
2-Nitrophenol		270	U	270	510
4-Nitrophenol		810	U	810	3300
N-Nitrosodi-n-propylamine		270	U	270	510
N-Nitrosodiphenylamine		270	U	210	510
Pentachlorophenol		810	U	810	1500
Phenanthrene		6800	D	33	68
Phenol		270	U	270	510
Pyrene		6300	D	33	68
1,2,4-Trichlorobenzene		270	U	270	510
2,4,5-Trichlorophenol		270	U	250	1500
2,4,6-Trichlorophenol		810	U	810	1500

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	63		45 - 105
2-Fluorophenol (Surr)	58		35 - 105
Nitrobenzene-d5 (Surr)	59		35 - 100
Terphenyl-d14 (Surr)	72		30 - 125
2,4,6-Tribromophenol (Surr)	72		35 - 125
Phenol-d5 (Surr)	64		40 - 100

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **076SS-0003M-0001-SO**

Lab Sample ID: 240-17317-10 Date Sampled: 11/06/2012 0920
Client Matrix: Solid Date Received: 11/07/2012 1730

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-66702	Instrument ID:	A4HP9
Prep Method:	3540C	Prep Batch:	240-65386	Lab File ID:	21129012.D
Dilution:	10	Leach Batch:	240-64879	Initial Weight/Volume:	29.75 g
Analysis Date:	11/29/2012 1230			Final Weight/Volume:	2 mL
Prep Date:	11/16/2012 1326			Injection Volume:	1 uL
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Acenaphthene		480	D	33	67
Acenaphthylene		33	U	33	67
Anthracene		1800	D	33	67
Benzo[a]anthracene		2800	D	33	67
Benzo[a]pyrene		2300	D	33	67
Benzo[b]fluoranthene		3000	D	33	67
Benzo[g,h,i]perylene		1400	D	33	67
Benzoic acid		3400	U	3400	6700
Benzo[k]fluoranthene		1200	D M	33	67
Benzyl alcohol		270	U	210	3300
Bis(2-chloroethoxy)methane		270	U	220	1000
Bis(2-chloroethyl)ether		33	U	20	1000
bis (2-chloroisopropyl) ether		270	U	96	1000
Bis(2-ethylhexyl) phthalate		270	U	190	500
4-Bromophenyl phenyl ether		270	U	130	500
Butyl benzyl phthalate		270	U	100	500
Carbazole		990	D	270	500
4-Chloroaniline		270	U	170	1500
4-Chloro-3-methylphenol		270	U	210	1500
2-Chloronaphthalene		33	U	33	500
2-Chlorophenol		270	U	270	500
4-Chlorophenyl phenyl ether		270	U	130	500
Chrysene		2800	D	11	67
Dibenz(a,h)anthracene		330	D	33	67
Dibenzofuran		760	D	33	500
1,4-Dichlorobenzene		270	U	200	500
1,2-Dichlorobenzene		270	U	98	500
1,3-Dichlorobenzene		270	U	110	500
3,3'-Dichlorobenzidine		810	U	180	1000
2,4-Dichlorophenol		270	U	200	1500
Diethyl phthalate		270	U	160	500
2,4-Dimethylphenol		810	U	200	1500
Dimethyl phthalate		270	U	170	500
Di-n-butyl phthalate		270	U	150	500
4,6-Dinitro-2-methylphenol		810	U	810	1500
2,4-Dinitrophenol		810	U	810	3300
2,4-Dinitrotoluene		270	U	270	2000
2,6-Dinitrotoluene		270	U	210	2000
Di-n-octyl phthalate		270	U	270	500
Fluoranthene		7900	D	33	67
Fluorene		810	D	33	67
Hexachlorobenzene		33	U	21	67
Hexachlorobutadiene		270	U	270	500
Hexachlorocyclopentadiene		270	U	270	3300
Hexachloroethane		270	U	91	500

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **076SS-0003M-0001-SO**

Lab Sample ID: 240-17317-10 Date Sampled: 11/06/2012 0920
Client Matrix: Solid Date Received: 11/07/2012 1730

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-66702	Instrument ID:	A4HP9
Prep Method:	3540C	Prep Batch:	240-65386	Lab File ID:	21129012.D
Dilution:	10	Leach Batch:	240-64879	Initial Weight/Volume:	29.75 g
Analysis Date:	11/29/2012 1230			Final Weight/Volume:	2 mL
Prep Date:	11/16/2012 1326			Injection Volume:	1 uL
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Indeno[1,2,3-cd]pyrene		1200	D	33	67
Isophorone		270	U	130	500
2-Methylnaphthalene		220	D	33	67
2-Methylphenol		810	U	810	2000
3 & 4 Methylphenol		810	U	200	4000
Naphthalene		630	D	33	67
2-Nitroaniline		270	U	92	2000
3-Nitroaniline		810	U	160	2000
4-Nitroaniline		270	U	260	2000
Nitrobenzene		33	U	22	1000
2-Nitrophenol		270	U	270	500
4-Nitrophenol		810	U	810	3300
N-Nitrosodi-n-propylamine		270	U	270	500
N-Nitrosodiphenylamine		270	U	210	500
Pentachlorophenol		810	U	810	1500
Phenanthrene		8000	D	33	67
Phenol		270	U	270	500
Pyrene		5700	D	33	67
1,2,4-Trichlorobenzene		270	U	270	500
2,4,5-Trichlorophenol		270	U	250	1500
2,4,6-Trichlorophenol		810	U	810	1500

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	62		45 - 105
2-Fluorophenol (Surr)	59		35 - 105
Nitrobenzene-d5 (Surr)	61		35 - 100
Terphenyl-d14 (Surr)	68		30 - 125
2,4,6-Tribromophenol (Surr)	63		35 - 125
Phenol-d5 (Surr)	66		40 - 100

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **068SS-0005M-0001-SO**

Lab Sample ID: 240-17317-14 Date Sampled: 11/06/2012 1350
Client Matrix: Solid Date Received: 11/07/2012 1730

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-66702	Instrument ID:	A4HP9
Prep Method:	3540C	Prep Batch:	240-65386	Lab File ID:	21129008.D
Dilution:	1.0	Leach Batch:	240-64879	Initial Weight/Volume:	30.01 g
Analysis Date:	11/29/2012 1052			Final Weight/Volume:	2 mL
Prep Date:	11/16/2012 1326			Injection Volume:	1 uL
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Acenaphthene		6.2	J	3.3	6.7
Acenaphthylene		6.8		3.3	6.7
Anthracene		9.0		3.3	6.7
Benzo[a]anthracene		10		3.3	6.7
Benzo[a]pyrene		10		3.3	6.7
Benzo[b]fluoranthene		13		3.3	6.7
Benzo[g,h,i]perylene		12		3.3	6.7
Benzoic acid		330	U	330	660
Benzo[k]fluoranthene		10	M	3.3	6.7
Benzyl alcohol		27	U	21	330
Bis(2-chloroethoxy)methane		27	U	22	100
Bis(2-chloroethyl)ether		3.3	U	2.0	100
bis (2-chloroisopropyl) ether		27	U	9.5	100
Bis(2-ethylhexyl) phthalate		32	J	19	50
4-Bromophenyl phenyl ether		27	U	13	50
Butyl benzyl phthalate		27	U	10	50
Carbazole		27	U	27	50
4-Chloroaniline		27	U	17	150
4-Chloro-3-methylphenol		27	U	21	150
2-Chloronaphthalene		3.3	U	3.3	50
2-Chlorophenol		27	U	27	50
4-Chlorophenyl phenyl ether		27	U	13	50
Chrysene		14		1.1	6.7
Dibenz(a,h)anthracene		3.3	U	3.3	6.7
Dibenzofuran		8.5	J	3.3	50
1,4-Dichlorobenzene		27	U	20	50
1,2-Dichlorobenzene		27	U	9.7	50
1,3-Dichlorobenzene		27	U	11	50
3,3'-Dichlorobenzidine		80	U	18	100
2,4-Dichlorophenol		27	U	20	150
Diethyl phthalate		17	J	16	50
2,4-Dimethylphenol		80	U	20	150
Dimethyl phthalate		27	U	17	50
Di-n-butyl phthalate		20	J	15	50
4,6-Dinitro-2-methylphenol		80	U	80	150
2,4-Dinitrophenol		80	U	80	330
2,4-Dinitrotoluene		27	U	27	200
2,6-Dinitrotoluene		27	U	21	200
Di-n-octyl phthalate		27	U	27	50
Fluoranthene		14		3.3	6.7
Fluorene		8.2		3.3	6.7
Hexachlorobenzene		3.3	U	2.1	6.7
Hexachlorobutadiene		27	U	27	50
Hexachlorocyclopentadiene		27	U	27	330
Hexachloroethane		27	U	9.0	50

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **068SS-0005M-0001-SO**

Lab Sample ID: 240-17317-14 Date Sampled: 11/06/2012 1350
Client Matrix: Solid Date Received: 11/07/2012 1730

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-66702	Instrument ID:	A4HP9
Prep Method:	3540C	Prep Batch:	240-65386	Lab File ID:	21129008.D
Dilution:	1.0	Leach Batch:	240-64879	Initial Weight/Volume:	30.01 g
Analysis Date:	11/29/2012 1052			Final Weight/Volume:	2 mL
Prep Date:	11/16/2012 1326			Injection Volume:	1 uL
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Indeno[1,2,3-cd]pyrene		9.8	M	3.3	6.7
Isophorone		27	U	13	50
2-Methylnaphthalene		13		3.3	6.7
2-Methylphenol		80	U	80	200
3 & 4 Methylphenol		80	U	20	400
Naphthalene		12		3.3	6.7
2-Nitroaniline		27	U	9.1	200
3-Nitroaniline		80	U	16	200
4-Nitroaniline		27	U	26	200
Nitrobenzene		3.3	U	2.2	100
2-Nitrophenol		27	U	27	50
4-Nitrophenol		80	U	80	330
N-Nitrosodi-n-propylamine		27	U	27	50
N-Nitrosodiphenylamine		27	U	21	50
Pentachlorophenol		80	U	80	150
Phenanthrene		15		3.3	6.7
Phenol		27	U	27	50
Pyrene		13		3.3	6.7
1,2,4-Trichlorobenzene		27	U	27	50
2,4,5-Trichlorophenol		27	U	25	150
2,4,6-Trichlorophenol		80	U	80	150

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	60		45 - 105
2-Fluorophenol (Surr)	60		35 - 105
Nitrobenzene-d5 (Surr)	60		35 - 100
Terphenyl-d14 (Surr)	64		30 - 125
2,4,6-Tribromophenol (Surr)	63		35 - 125
Phenol-d5 (Surr)	64		40 - 100

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **068SS-0006M-0001-SO**

Lab Sample ID: 240-17317-15 Date Sampled: 11/06/2012 1545
Client Matrix: Solid Date Received: 11/07/2012 1730

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-66702	Instrument ID:	A4HP9
Prep Method:	3540C	Prep Batch:	240-65386	Lab File ID:	21129009.D
Dilution:	1.0	Leach Batch:	240-64879	Initial Weight/Volume:	30.45 g
Analysis Date:	11/29/2012 1117			Final Weight/Volume:	2 mL
Prep Date:	11/16/2012 1326			Injection Volume:	1 uL
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Acenaphthene		3.3	U	3.3	6.6
Acenaphthylene		4.1	J	3.3	6.6
Anthracene		7.0		3.3	6.6
Benzo[a]anthracene		13		3.3	6.6
Benzo[a]pyrene		12		3.3	6.6
Benzo[b]fluoranthene		16		3.3	6.6
Benzo[g,h,i]perylene		11		3.3	6.6
Benzoic acid		330	U	330	650
Benzo[k]fluoranthene		11	M	3.3	6.6
Benzyl alcohol		27	U	21	330
Bis(2-chloroethoxy)methane		27	U	22	99
Bis(2-chloroethyl)ether		3.3	U	2.0	99
bis (2-chloroisopropyl) ether		27	U	9.4	99
Bis(2-ethylhexyl) phthalate		75		19	49
4-Bromophenyl phenyl ether		27	U	13	49
Butyl benzyl phthalate		27	U	9.9	49
Carbazole		27	U	27	49
4-Chloroaniline		27	U	17	150
4-Chloro-3-methylphenol		27	U	21	150
2-Chloronaphthalene		3.3	U	3.3	49
2-Chlorophenol		27	U	27	49
4-Chlorophenyl phenyl ether		27	U	13	49
Chrysene		14		1.1	6.6
Dibenz(a,h)anthracene		3.3	U	3.3	6.6
Dibenzofuran		3.3	U	3.3	49
1,4-Dichlorobenzene		27	U	20	49
1,2-Dichlorobenzene		27	U	9.6	49
1,3-Dichlorobenzene		27	U	11	49
3,3'-Dichlorobenzidine		79	U	18	99
2,4-Dichlorophenol		27	U	20	150
Diethyl phthalate		27	U	16	49
2,4-Dimethylphenol		79	U	20	150
Dimethyl phthalate		27	U	17	49
Di-n-butyl phthalate		27	U	15	49
4,6-Dinitro-2-methylphenol		79	U	79	150
2,4-Dinitrophenol		79	U	79	330
2,4-Dinitrotoluene		27	U	27	200
2,6-Dinitrotoluene		27	U	21	200
Di-n-octyl phthalate		27	U	27	49
Fluoranthene		19		3.3	6.6
Fluorene		3.3	U	3.3	6.6
Hexachlorobenzene		3.3	U	2.1	6.6
Hexachlorobutadiene		27	U	27	49
Hexachlorocyclopentadiene		27	U	27	330
Hexachloroethane		27	U	8.9	49

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **068SS-0006M-0001-SO**

Lab Sample ID: 240-17317-15 Date Sampled: 11/06/2012 1545
Client Matrix: Solid Date Received: 11/07/2012 1730

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-66702	Instrument ID:	A4HP9
Prep Method:	3540C	Prep Batch:	240-65386	Lab File ID:	21129009.D
Dilution:	1.0	Leach Batch:	240-64879	Initial Weight/Volume:	30.45 g
Analysis Date:	11/29/2012 1117			Final Weight/Volume:	2 mL
Prep Date:	11/16/2012 1326			Injection Volume:	1 uL
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Indeno[1,2,3-cd]pyrene		9.2		3.3	6.6
Isophorone		13	J	13	49
2-Methylnaphthalene		11		3.3	6.6
2-Methylphenol		79	U	79	200
3 & 4 Methylphenol		79	U	20	390
Naphthalene		10		3.3	6.6
2-Nitroaniline		27	U	9.0	200
3-Nitroaniline		79	U	16	200
4-Nitroaniline		27	U	26	200
Nitrobenzene		3.3	U	2.2	99
2-Nitrophenol		27	U	27	49
4-Nitrophenol		79	U	79	330
N-Nitrosodi-n-propylamine		27	U	27	49
N-Nitrosodiphenylamine		27	U	21	49
Pentachlorophenol		79	U	79	150
Phenanthrene		18		3.3	6.6
Phenol		27	U	27	49
Pyrene		17		3.3	6.6
1,2,4-Trichlorobenzene		27	U	27	49
2,4,5-Trichlorophenol		27	U	25	150
2,4,6-Trichlorophenol		79	U	79	150

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	64		45 - 105
2-Fluorophenol (Surr)	67		35 - 105
Nitrobenzene-d5 (Surr)	67		35 - 100
Terphenyl-d14 (Surr)	74		30 - 125
2,4,6-Tribromophenol (Surr)	75		35 - 125
Phenol-d5 (Surr)	71		40 - 100

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **068SS-0007M-0001-SO**

Lab Sample ID: 240-17317-16 Date Sampled: 11/06/2012 1615
Client Matrix: Solid Date Received: 11/07/2012 1730

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-66702	Instrument ID:	A4HP9
Prep Method:	3540C	Prep Batch:	240-65386	Lab File ID:	21129010.D
Dilution:	1.0	Leach Batch:	240-64879	Initial Weight/Volume:	30.30 g
Analysis Date:	11/29/2012 1141			Final Weight/Volume:	2 mL
Prep Date:	11/16/2012 1326			Injection Volume:	1 uL
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Acenaphthene		7.0		3.3	6.6
Acenaphthylene		3.3	U	3.3	6.6
Anthracene		18		3.3	6.6
Benzo[a]anthracene		41		3.3	6.6
Benzo[a]pyrene		30		3.3	6.6
Benzo[b]fluoranthene		44		3.3	6.6
Benzo[g,h,i]perylene		20		3.3	6.6
Benzoic acid		330	U	330	650
Benzo[k]fluoranthene		19	M	3.3	6.6
Benzyl alcohol		27	U	21	330
Bis(2-chloroethoxy)methane		27	U	22	99
Bis(2-chloroethyl)ether		3.3	U	2.0	99
bis (2-chloroisopropyl) ether		27	U	9.4	99
Bis(2-ethylhexyl) phthalate		29	J	19	50
4-Bromophenyl phenyl ether		27	U	13	50
Butyl benzyl phthalate		27	U	9.9	50
Carbazole		27	U	27	50
4-Chloroaniline		27	U	17	150
4-Chloro-3-methylphenol		27	U	21	150
2-Chloronaphthalene		3.3	U	3.3	50
2-Chlorophenol		27	U	27	50
4-Chlorophenyl phenyl ether		27	U	13	50
Chrysene		37		1.1	6.6
Dibenz(a,h)anthracene		3.3	U	3.3	6.6
Dibenzofuran		7.9	J	3.3	50
1,4-Dichlorobenzene		27	U	20	50
1,2-Dichlorobenzene		27	U	9.6	50
1,3-Dichlorobenzene		27	U	11	50
3,3'-Dichlorobenzidine		79	U	18	99
2,4-Dichlorophenol		27	U	20	150
Diethyl phthalate		27	U	16	50
2,4-Dimethylphenol		79	U	20	150
Dimethyl phthalate		27	U	17	50
Di-n-butyl phthalate		27	U	15	50
4,6-Dinitro-2-methylphenol		79	U	79	150
2,4-Dinitrophenol		79	U	79	330
2,4-Dinitrotoluene		27	U	27	200
2,6-Dinitrotoluene		27	U	21	200
Di-n-octyl phthalate		27	U	27	50
Fluoranthene		88		3.3	6.6
Fluorene		9.0		3.3	6.6
Hexachlorobenzene		3.3	U	2.1	6.6
Hexachlorobutadiene		27	U	27	50
Hexachlorocyclopentadiene		27	U	27	330
Hexachloroethane		27	U	8.9	50

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **068SS-0007M-0001-SO**

Lab Sample ID: 240-17317-16 Date Sampled: 11/06/2012 1615
Client Matrix: Solid Date Received: 11/07/2012 1730

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-66702	Instrument ID:	A4HP9
Prep Method:	3540C	Prep Batch:	240-65386	Lab File ID:	21129010.D
Dilution:	1.0	Leach Batch:	240-64879	Initial Weight/Volume:	30.30 g
Analysis Date:	11/29/2012 1141			Final Weight/Volume:	2 mL
Prep Date:	11/16/2012 1326			Injection Volume:	1 uL
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Indeno[1,2,3-cd]pyrene		18		3.3	6.6
Isophorone		27	U	13	50
2-Methylnaphthalene		9.8		3.3	6.6
2-Methylphenol		79	U	79	200
3 & 4 Methylphenol		79	U	20	400
Naphthalene		9.7		3.3	6.6
2-Nitroaniline		27	U	9.0	200
3-Nitroaniline		79	U	16	200
4-Nitroaniline		27	U	26	200
Nitrobenzene		3.3	U	2.2	99
2-Nitrophenol		27	U	27	50
4-Nitrophenol		79	U	79	330
N-Nitrosodi-n-propylamine		27	U	27	50
N-Nitrosodiphenylamine		27	U	21	50
Pentachlorophenol		79	U	79	150
Phenanthrene		78		3.3	6.6
Phenol		27	U	27	50
Pyrene		65		3.3	6.6
1,2,4-Trichlorobenzene		27	U	27	50
2,4,5-Trichlorophenol		27	U	25	150
2,4,6-Trichlorophenol		79	U	79	150

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	65		45 - 105
2-Fluorophenol (Surr)	63		35 - 105
Nitrobenzene-d5 (Surr)	62		35 - 100
Terphenyl-d14 (Surr)	78		30 - 125
2,4,6-Tribromophenol (Surr)	77		35 - 125
Phenol-d5 (Surr)	69		40 - 100

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **068SS-0008M-0001-SO**

Lab Sample ID: 240-17317-17 Date Sampled: 11/06/2012 1510
Client Matrix: Solid Date Received: 11/07/2012 1730

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-67921	Instrument ID:	A4HP9
Prep Method:	3540C	Prep Batch:	240-65386	Lab File ID:	21210006.D
Dilution:	1.0	Leach Batch:	240-64879	Initial Weight/Volume:	29.81 g
Analysis Date:	12/10/2012 0939			Final Weight/Volume:	2 mL
Prep Date:	11/16/2012 1326			Injection Volume:	1 uL
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Acenaphthene		21		3.3	6.7
Acenaphthylene		18		3.3	6.7
Anthracene		67		3.3	6.7
Benzo[a]anthracene		270		3.3	6.7
Benzo[a]pyrene		300		3.3	6.7
Benzo[b]fluoranthene		470		3.3	6.7
Benzo[g,h,i]perylene		170		3.3	6.7
Benzoic acid		340	U	340	660
Benzo[k]fluoranthene		180	M	3.3	6.7
Benzyl alcohol		27	U	21	330
Bis(2-chloroethoxy)methane		27	U	22	100
Bis(2-chloroethyl)ether		3.3	U	2.0	100
bis (2-chloroisopropyl) ether		27	U	9.6	100
Bis(2-ethylhexyl) phthalate		50		19	50
4-Bromophenyl phenyl ether		27	U	13	50
Butyl benzyl phthalate		27	U	10	50
Carbazole		46	J	27	50
4-Chloroaniline		27	U	17	150
4-Chloro-3-methylphenol		27	U	21	150
2-Chloronaphthalene		3.3	U	3.3	50
2-Chlorophenol		27	U	27	50
4-Chlorophenyl phenyl ether		27	U	13	50
Chrysene		330		1.1	6.7
Dibenz(a,h)anthracene		45	M	3.3	6.7
Dibenzofuran		29	J	3.3	50
1,4-Dichlorobenzene		21	J	20	50
1,2-Dichlorobenzene		27	U	9.8	50
1,3-Dichlorobenzene		27	U	11	50
3,3'-Dichlorobenzidine		81	U	18	100
2,4-Dichlorophenol		27	U	20	150
Diethyl phthalate		27	U	16	50
2,4-Dimethylphenol		81	U	20	150
Dimethyl phthalate		27	U	17	50
Di-n-butyl phthalate		15	J	15	50
4,6-Dinitro-2-methylphenol		81	U	81	150
2,4-Dinitrophenol		81	U	81	330
2,4-Dinitrotoluene		27	U	27	200
2,6-Dinitrotoluene		27	U	21	200
Di-n-octyl phthalate		27	U	27	50
Fluoranthene		650		3.3	6.7
Fluorene		27		3.3	6.7
Hexachlorobenzene		3.3	U	2.1	6.7
Hexachlorobutadiene		27	U	27	50
Hexachlorocyclopentadiene		27	U	27	330
Hexachloroethane		27	U	9.1	50

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **068SS-0008M-0001-SO**

Lab Sample ID: 240-17317-17 Date Sampled: 11/06/2012 1510
Client Matrix: Solid Date Received: 11/07/2012 1730

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-67921	Instrument ID:	A4HP9
Prep Method:	3540C	Prep Batch:	240-65386	Lab File ID:	21210006.D
Dilution:	1.0	Leach Batch:	240-64879	Initial Weight/Volume:	29.81 g
Analysis Date:	12/10/2012 0939			Final Weight/Volume:	2 mL
Prep Date:	11/16/2012 1326			Injection Volume:	1 uL
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Indeno[1,2,3-cd]pyrene		160		3.3	6.7
Isophorone		15	J	13	50
2-Methylnaphthalene		81		3.3	6.7
2-Methylphenol		81	U	81	200
3 & 4 Methylphenol		81	U	20	400
Naphthalene		62		3.3	6.7
2-Nitroaniline		27	U	9.2	200
3-Nitroaniline		81	U	16	200
4-Nitroaniline		27	U	26	200
Nitrobenzene		3.3	U	2.2	100
2-Nitrophenol		27	U	27	50
4-Nitrophenol		81	U	81	330
N-Nitrosodi-n-propylamine		27	U	27	50
N-Nitrosodiphenylamine		27	U	21	50
Pentachlorophenol		81	U	81	150
Phenanthrene		280		3.3	6.7
Phenol		27	U	27	50
Pyrene		500		3.3	6.7
1,2,4-Trichlorobenzene		27	U	27	50
2,4,5-Trichlorophenol		27	U	25	150
2,4,6-Trichlorophenol		81	U	81	150

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	67		45 - 105
2-Fluorophenol (Surr)	78		35 - 105
Nitrobenzene-d5 (Surr)	70		35 - 100
Terphenyl-d14 (Surr)	75		30 - 125
2,4,6-Tribromophenol (Surr)	79		35 - 125
Phenol-d5 (Surr)	81		40 - 100

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **076SD-0008-0001-SO**

Lab Sample ID: 240-17317-18 Date Sampled: 11/06/2012 1810
Client Matrix: Solid Date Received: 11/07/2012 1730

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-67921	Instrument ID:	A4HP9
Prep Method:	3540C	Prep Batch:	240-65386	Lab File ID:	21210007.D
Dilution:	1.0	Leach Batch:	240-64879	Initial Weight/Volume:	29.57 g
Analysis Date:	12/10/2012 1004			Final Weight/Volume:	2 mL
Prep Date:	11/16/2012 1326			Injection Volume:	1 uL
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Acenaphthene		14		3.3	6.8
Acenaphthylene		41		3.3	6.8
Anthracene		95		3.3	6.8
Benzo[a]anthracene		270		3.3	6.8
Benzo[a]pyrene		260		3.3	6.8
Benzo[b]fluoranthene		370		3.3	6.8
Benzo[g,h,i]perylene		120		3.3	6.8
Benzoic acid		340	U	340	670
Benzo[k]fluoranthene		150		3.3	6.8
Benzyl alcohol		27	U	21	330
Bis(2-chloroethoxy)methane		27	U	22	100
Bis(2-chloroethyl)ether		3.3	U	2.0	100
bis (2-chloroisopropyl) ether		27	U	9.6	100
Bis(2-ethylhexyl) phthalate		30	J	19	51
4-Bromophenyl phenyl ether		27	U	13	51
Butyl benzyl phthalate		27	U	10	51
Carbazole		27	U	27	51
4-Chloroaniline		27	U	17	150
4-Chloro-3-methylphenol		27	U	21	150
2-Chloronaphthalene		3.3	U	3.3	51
2-Chlorophenol		27	U	27	51
4-Chlorophenyl phenyl ether		27	U	13	51
Chrysene		290		1.1	6.8
Dibenz(a,h)anthracene		38		3.3	6.8
Dibenzofuran		31	J	3.3	51
1,4-Dichlorobenzene		27	U	20	51
1,2-Dichlorobenzene		27	U	9.8	51
1,3-Dichlorobenzene		27	U	11	51
3,3'-Dichlorobenzidine		81	U	18	100
2,4-Dichlorophenol		27	U	20	150
Diethyl phthalate		27	U	16	51
2,4-Dimethylphenol		81	U	20	150
Dimethyl phthalate		27	U	17	51
Di-n-butyl phthalate		27	U	15	51
4,6-Dinitro-2-methylphenol		81	U	81	150
2,4-Dinitrophenol		81	U	81	330
2,4-Dinitrotoluene		27	U	27	200
2,6-Dinitrotoluene		27	U	21	200
Di-n-octyl phthalate		27	U	27	51
Fluoranthene		720		3.3	6.8
Fluorene		42		3.3	6.8
Hexachlorobenzene		3.3	U	2.1	6.8
Hexachlorobutadiene		27	U	27	51
Hexachlorocyclopentadiene		27	U	27	330
Hexachloroethane		27	U	9.1	51

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **076SD-0008-0001-SO**

Lab Sample ID: 240-17317-18 Date Sampled: 11/06/2012 1810
Client Matrix: Solid Date Received: 11/07/2012 1730

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-67921	Instrument ID:	A4HP9
Prep Method:	3540C	Prep Batch:	240-65386	Lab File ID:	21210007.D
Dilution:	1.0	Leach Batch:	240-64879	Initial Weight/Volume:	29.57 g
Analysis Date:	12/10/2012 1004			Final Weight/Volume:	2 mL
Prep Date:	11/16/2012 1326			Injection Volume:	1 uL
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Indeno[1,2,3-cd]pyrene		130		3.3	6.8
Isophorone		27	U	13	51
2-Methylnaphthalene		61		3.3	6.8
2-Methylphenol		81	U	81	200
3 & 4 Methylphenol		81	U	20	410
Naphthalene		61		3.3	6.8
2-Nitroaniline		27	U	9.2	200
3-Nitroaniline		81	U	16	200
4-Nitroaniline		27	U	26	200
Nitrobenzene		3.3	U	2.2	100
2-Nitrophenol		27	U	27	51
4-Nitrophenol		81	U	81	330
N-Nitrosodi-n-propylamine		27	U	27	51
N-Nitrosodiphenylamine		27	U	21	51
Pentachlorophenol		81	U	81	150
Phenanthrene		430		3.3	6.8
Phenol		27	U	27	51
Pyrene		530		3.3	6.8
1,2,4-Trichlorobenzene		27	U	27	51
2,4,5-Trichlorophenol		27	U	25	150
2,4,6-Trichlorophenol		81	U	81	150

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	53		45 - 105
2-Fluorophenol (Surr)	67		35 - 105
Nitrobenzene-d5 (Surr)	58		35 - 100
Terphenyl-d14 (Surr)	62		30 - 125
2,4,6-Tribromophenol (Surr)	70		35 - 125
Phenol-d5 (Surr)	69		40 - 100

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **076SD-0009-0001-SO**

Lab Sample ID: 240-17317-19 Date Sampled: 11/06/2012 1815
Client Matrix: Solid Date Received: 11/07/2012 1730

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-68844	Instrument ID:	A4HP9
Prep Method:	3540C	Prep Batch:	240-65386	Lab File ID:	21215008.D
Dilution:	1.0	Leach Batch:	240-64879	Initial Weight/Volume:	29.62 g
Analysis Date:	12/15/2012 1432			Final Weight/Volume:	2 mL
Prep Date:	11/16/2012 1326			Injection Volume:	1 uL
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Acenaphthene		7.1		3.3	6.8
Acenaphthylene		13		3.3	6.8
Anthracene		16		3.3	6.8
Benzo[a]anthracene		71		3.3	6.8
Benzo[a]pyrene		69		3.3	6.8
Benzo[b]fluoranthene		110		3.3	6.8
Benzo[g,h,i]perylene		39	J	3.3	6.8
Benzoic acid		340	U	340	670
Benzo[k]fluoranthene		38		3.3	6.8
Benzyl alcohol		27	U	21	330
Bis(2-chloroethoxy)methane		27	U	22	100
Bis(2-chloroethyl)ether		3.3	U	2.0	100
bis (2-chloroisopropyl) ether		27	U	9.6	100
Bis(2-ethylhexyl) phthalate		89		19	51
4-Bromophenyl phenyl ether		27	U	13	51
Butyl benzyl phthalate		27	U	10	51
Carbazole		27	U	27	51
4-Chloroaniline		27	U J	17	150
4-Chloro-3-methylphenol		27	U	21	150
2-Chloronaphthalene		3.3	U	3.3	51
2-Chlorophenol		27	U	27	51
4-Chlorophenyl phenyl ether		27	U	13	51
Chrysene		73		1.1	6.8
Dibenz(a,h)anthracene		3.3	U	3.3	6.8
Dibenzofuran		14	J	3.3	51
1,4-Dichlorobenzene		27	U	20	51
1,2-Dichlorobenzene		27	U	9.8	51
1,3-Dichlorobenzene		27	U	11	51
3,3'-Dichlorobenzidine		81	U J	18	100
2,4-Dichlorophenol		27	U	20	150
Diethyl phthalate		23	J	16	51
2,4-Dimethylphenol		81	U	20	150
Dimethyl phthalate		27	U	17	51
Di-n-butyl phthalate		27	U	15	51
4,6-Dinitro-2-methylphenol		81	U	81	150
2,4-Dinitrophenol		81	U	81	330
2,4-Dinitrotoluene		27	U	27	200
2,6-Dinitrotoluene		27	U	21	200
Di-n-octyl phthalate		27	U	27	51
Fluoranthene		120		3.3	6.8
Fluorene		12		3.3	6.8
Hexachlorobenzene		3.3	U	2.1	6.8
Hexachlorobutadiene		27	U	27	51
Hexachlorocyclopentadiene		27	U	27	330
Hexachloroethane		27	U J	9.1	51

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **076SD-0009-0001-SO**

Lab Sample ID: 240-17317-19 Date Sampled: 11/06/2012 1815
Client Matrix: Solid Date Received: 11/07/2012 1730

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-68844	Instrument ID:	A4HP9
Prep Method:	3540C	Prep Batch:	240-65386	Lab File ID:	21215008.D
Dilution:	1.0	Leach Batch:	240-64879	Initial Weight/Volume:	29.62 g
Analysis Date:	12/15/2012 1432			Final Weight/Volume:	2 mL
Prep Date:	11/16/2012 1326			Injection Volume:	1 uL
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Indeno[1,2,3-cd]pyrene		33	M J	3.3	6.8
Isophorone		18	J	13	51
2-Methylnaphthalene		30		3.3	6.8
2-Methylphenol		81	U	81	200
3 & 4 Methylphenol		81	U	20	410
Naphthalene		22		3.3	6.8
2-Nitroaniline		27	U	9.2	200
3-Nitroaniline		81	U J	16	200
4-Nitroaniline		27	U J	26	200
Nitrobenzene		3.3	U	2.2	100
2-Nitrophenol		27	U	27	51
4-Nitrophenol		81	U	81	330
N-Nitrosodi-n-propylamine		27	U	27	51
N-Nitrosodiphenylamine		27	U	21	51
Pentachlorophenol		81	U	81	150
Phenanthrene		68		3.3	6.8
Phenol		27	U	27	51
Pyrene		100		3.3	6.8
1,2,4-Trichlorobenzene		27	U	27	51
2,4,5-Trichlorophenol		27	U	25	150
2,4,6-Trichlorophenol		81	U	81	150

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	49		45 - 105
2-Fluorophenol (Surr)	67		35 - 105
Nitrobenzene-d5 (Surr)	51		35 - 100
Terphenyl-d14 (Surr)	66		30 - 125
2,4,6-Tribromophenol (Surr)	82		35 - 125
Phenol-d5 (Surr)	73		40 - 100

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **076SD-0010-0001-SO**

Lab Sample ID: 240-17317-20 Date Sampled: 11/06/2012 1815
Client Matrix: Solid Date Received: 11/07/2012 1730

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-68349	Instrument ID:	A4HP9
Prep Method:	3540C	Prep Batch:	240-65386	Lab File ID:	21212110.D
Dilution:	1.0	Leach Batch:	240-64879	Initial Weight/Volume:	29.70 g
Analysis Date:	12/12/2012 1422			Final Weight/Volume:	2 mL
Prep Date:	11/16/2012 1326			Injection Volume:	1 uL
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Acenaphthene		5.6	J	3.3	6.7
Acenaphthylene		6.5	J	3.3	6.7
Anthracene		11		3.3	6.7
Benzo[a]anthracene		46		3.3	6.7
Benzo[a]pyrene		52		3.3	6.7
Benzo[b]fluoranthene		71		3.3	6.7
Benzo[g,h,i]perylene		31	M	3.3	6.7
Benzoic acid		340	U M	340	670
Benzo[k]fluoranthene		28		3.3	6.7
Benzyl alcohol		27	U	21	330
Bis(2-chloroethoxy)methane		27	U	22	100
Bis(2-chloroethyl)ether		3.3	U	2.0	100
bis (2-chloroisopropyl) ether		27	U	9.6	100
Bis(2-ethylhexyl) phthalate		72		19	51
4-Bromophenyl phenyl ether		27	U	13	51
Butyl benzyl phthalate		27	U	10	51
Carbazole		27	U	27	51
4-Chloroaniline		27	U	17	150
4-Chloro-3-methylphenol		27	U	21	150
2-Chloronaphthalene		3.3	U	3.3	51
2-Chlorophenol		27	U	27	51
4-Chlorophenyl phenyl ether		27	U	13	51
Chrysene		55		1.1	6.7
Dibenz(a,h)anthracene		3.3	U	3.3	6.7
Dibenzofuran		17	J	3.3	51
1,4-Dichlorobenzene		27	U	20	51
1,2-Dichlorobenzene		27	U	9.8	51
1,3-Dichlorobenzene		27	U	11	51
3,3'-Dichlorobenzidine		81	U	18	100
2,4-Dichlorophenol		27	U	20	150
Diethyl phthalate		27	U	16	51
2,4-Dimethylphenol		81	U	20	150
Dimethyl phthalate		27	U	17	51
Di-n-butyl phthalate		27	U	15	51
4,6-Dinitro-2-methylphenol		81	U	81	150
2,4-Dinitrophenol		81	U	81	330
2,4-Dinitrotoluene		27	U	27	200
2,6-Dinitrotoluene		27	U	21	200
Di-n-octyl phthalate		27	U	27	51
Fluoranthene		88		3.3	6.7
Fluorene		7.8		3.3	6.7
Hexachlorobenzene		3.3	U	2.1	6.7
Hexachlorobutadiene		27	U	27	51
Hexachlorocyclopentadiene		27	U	27	330
Hexachloroethane		27	U	9.1	51

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **076SD-0010-0001-SO**

Lab Sample ID: 240-17317-20 Date Sampled: 11/06/2012 1815
Client Matrix: Solid Date Received: 11/07/2012 1730

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-68349	Instrument ID:	A4HP9
Prep Method:	3540C	Prep Batch:	240-65386	Lab File ID:	21212110.D
Dilution:	1.0	Leach Batch:	240-64879	Initial Weight/Volume:	29.70 g
Analysis Date:	12/12/2012 1422			Final Weight/Volume:	2 mL
Prep Date:	11/16/2012 1326			Injection Volume:	1 uL
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Indeno[1,2,3-cd]pyrene		28		3.3	6.7
Isophorone		27	U	13	51
2-Methylnaphthalene		20		3.3	6.7
2-Methylphenol		81	U	81	200
3 & 4 Methylphenol		81	U	20	400
Naphthalene		14		3.3	6.7
2-Nitroaniline		27	U	9.2	200
3-Nitroaniline		81	U	16	200
4-Nitroaniline		27	U	26	200
Nitrobenzene		3.3	U	2.2	100
2-Nitrophenol		27	U	27	51
4-Nitrophenol		81	U	81	330
N-Nitrosodi-n-propylamine		27	U	27	51
N-Nitrosodiphenylamine		27	U	21	51
Pentachlorophenol		81	U	81	150
Phenanthrene		51		3.3	6.7
Phenol		27	U	27	51
Pyrene		69		3.3	6.7
1,2,4-Trichlorobenzene		27	U	27	51
2,4,5-Trichlorophenol		27	U	25	150
2,4,6-Trichlorophenol		81	U	81	150

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	51		45 - 105
2-Fluorophenol (Surr)	69		35 - 105
Nitrobenzene-d5 (Surr)	52		35 - 100
Terphenyl-d14 (Surr)	66		30 - 125
2,4,6-Tribromophenol (Surr)	81		35 - 125
Phenol-d5 (Surr)	73		40 - 100

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **076SD-0011-0001-SO**

Lab Sample ID: 240-17317-21 Date Sampled: 11/06/2012 1825
Client Matrix: Solid Date Received: 11/07/2012 1730

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-68588	Instrument ID:	A4HP9
Prep Method:	3540C	Prep Batch:	240-65386	Lab File ID:	21213109.D
Dilution:	1.0	Leach Batch:	240-64879	Initial Weight/Volume:	29.93 g
Analysis Date:	12/13/2012 1803			Final Weight/Volume:	2 mL
Prep Date:	11/16/2012 1326			Injection Volume:	1 uL
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Acenaphthene		5.9	J	3.3	6.7
Acenaphthylene		7.7		3.3	6.7
Anthracene		11		3.3	6.7
Benzo[a]anthracene		51		3.3	6.7
Benzo[a]pyrene		68		3.3	6.7
Benzo[b]fluoranthene		100		3.3	6.7
Benzo[g,h,i]perylene		29	M	3.3	6.7
Benzoic acid		330	U	330	660
Benzo[k]fluoranthene		35		3.3	6.7
Benzyl alcohol		27	U	21	330
Bis(2-chloroethoxy)methane		27	U	22	100
Bis(2-chloroethyl)ether		3.3	U	2.0	100
bis (2-chloroisopropyl) ether		27	U	9.5	100
Bis(2-ethylhexyl) phthalate		50		19	50
4-Bromophenyl phenyl ether		27	U	13	50
Butyl benzyl phthalate		27	U	10	50
Carbazole		27	U	27	50
4-Chloroaniline		27	U	17	150
4-Chloro-3-methylphenol		27	U	21	150
2-Chloronaphthalene		3.3	U	3.3	50
2-Chlorophenol		27	U	27	50
4-Chlorophenyl phenyl ether		27	U	13	50
Chrysene		79		1.1	6.7
Dibenz(a,h)anthracene		3.3	U	3.3	6.7
Dibenzofuran		33	J	3.3	50
1,4-Dichlorobenzene		76		20	50
1,2-Dichlorobenzene		27	U	9.7	50
1,3-Dichlorobenzene		27	U	11	50
3,3'-Dichlorobenzidine		80	U	18	100
2,4-Dichlorophenol		27	U	20	150
Diethyl phthalate		27	U	16	50
2,4-Dimethylphenol		80	U	20	150
Dimethyl phthalate		27	U	17	50
Di-n-butyl phthalate		21	J	15	50
4,6-Dinitro-2-methylphenol		80	U	80	150
2,4-Dinitrophenol		80	U	80	330
2,4-Dinitrotoluene		27	U	27	200
2,6-Dinitrotoluene		27	U	21	200
Di-n-octyl phthalate		27	U	27	50
Fluoranthene		120		3.3	6.7
Fluorene		6.7		3.3	6.7
Hexachlorobenzene		3.3	U	2.1	6.7
Hexachlorobutadiene		27	U	27	50
Hexachlorocyclopentadiene		27	U	27	330
Hexachloroethane		27	U	9.0	50

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **076SD-0011-0001-SO**

Lab Sample ID: 240-17317-21 Date Sampled: 11/06/2012 1825
Client Matrix: Solid Date Received: 11/07/2012 1730

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-68588	Instrument ID:	A4HP9
Prep Method:	3540C	Prep Batch:	240-65386	Lab File ID:	21213109.D
Dilution:	1.0	Leach Batch:	240-64879	Initial Weight/Volume:	29.93 g
Analysis Date:	12/13/2012 1803			Final Weight/Volume:	2 mL
Prep Date:	11/16/2012 1326			Injection Volume:	1 uL
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Indeno[1,2,3-cd]pyrene		30	M	3.3	6.7
Isophorone		20	J	13	50
2-Methylnaphthalene		35		3.3	6.7
2-Methylphenol		80	U	80	200
3 & 4 Methylphenol		80	U	20	400
Naphthalene		48		3.3	6.7
2-Nitroaniline		27	U	9.1	200
3-Nitroaniline		80	U	16	200
4-Nitroaniline		27	U	26	200
Nitrobenzene		3.3	U	2.2	100
2-Nitrophenol		27	U	27	50
4-Nitrophenol		80	U	80	330
N-Nitrosodi-n-propylamine		27	U	27	50
N-Nitrosodiphenylamine		27	U	21	50
Pentachlorophenol		84	J	80	150
Phenanthrene		87		3.3	6.7
Phenol		49	J	27	50
Pyrene		83		3.3	6.7
1,2,4-Trichlorobenzene		27	U	27	50
2,4,5-Trichlorophenol		27	U	25	150
2,4,6-Trichlorophenol		80	U	80	150

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	50		45 - 105
2-Fluorophenol (Surr)	72		35 - 105
Nitrobenzene-d5 (Surr)	54		35 - 100
Terphenyl-d14 (Surr)	64		30 - 125
2,4,6-Tribromophenol (Surr)	75		35 - 125
Phenol-d5 (Surr)	72		40 - 100

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **076SD-0012-0001-SO**

Lab Sample ID: 240-17317-22 Date Sampled: 11/06/2012 1830
Client Matrix: Solid Date Received: 11/07/2012 1730

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-66702	Instrument ID:	A4HP9
Prep Method:	3540C	Prep Batch:	240-65386	Lab File ID:	21129013.D
Dilution:	5.0	Leach Batch:	240-64879	Initial Weight/Volume:	29.87 g
Analysis Date:	11/29/2012 1254			Final Weight/Volume:	2 mL
Prep Date:	11/16/2012 1326			Injection Volume:	1 uL
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Acenaphthene		17	U	17	33
Acenaphthylene		17	U	17	33
Anthracene		40	D	17	33
Benzo[a]anthracene		84	D	17	33
Benzo[a]pyrene		74	D	17	33
Benzo[b]fluoranthene		96	D M	17	33
Benzo[g,h,i]perylene		47	D M	17	33
Benzoic acid		1700	U	1700	3300
Benzo[k]fluoranthene		56	D M	17	33
Benzyl alcohol		140	U	110	1700
Bis(2-chloroethoxy)methane		140	U	110	500
Bis(2-chloroethyl)ether		17	U	10	500
bis (2-chloroisopropyl) ether		140	U	48	500
Bis(2-ethylhexyl) phthalate		140	U	95	250
4-Bromophenyl phenyl ether		140	U	65	250
Butyl benzyl phthalate		140	U	50	250
Carbazole		140	U	140	250
4-Chloroaniline		140	U	85	750
4-Chloro-3-methylphenol		140	U	110	750
2-Chloronaphthalene		17	U	17	250
2-Chlorophenol		140	U	140	250
4-Chlorophenyl phenyl ether		140	U	65	250
Chrysene		98	D	5.5	33
Dibenz(a,h)anthracene		17	U	17	33
Dibenzofuran		17	U	17	250
1,4-Dichlorobenzene		140	U	100	250
1,2-Dichlorobenzene		140	U	49	250
1,3-Dichlorobenzene		140	U	55	250
3,3'-Dichlorobenzidine		400	U	90	500
2,4-Dichlorophenol		140	U	100	750
Diethyl phthalate		140	U	80	250
2,4-Dimethylphenol		400	U	100	750
Dimethyl phthalate		140	U	85	250
Di-n-butyl phthalate		140	U	75	250
4,6-Dinitro-2-methylphenol		400	U	400	750
2,4-Dinitrophenol		400	U	400	1700
2,4-Dinitrotoluene		140	U	140	1000
2,6-Dinitrotoluene		140	U	110	1000
Di-n-octyl phthalate		140	U	140	250
Fluoranthene		200	D	17	33
Fluorene		17	U	17	33
Hexachlorobenzene		17	U	11	33
Hexachlorobutadiene		140	U	140	250
Hexachlorocyclopentadiene		140	U	140	1700
Hexachloroethane		140	U	45	250

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **076SD-0012-0001-SO**

Lab Sample ID: 240-17317-22 Date Sampled: 11/06/2012 1830
Client Matrix: Solid Date Received: 11/07/2012 1730

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Analysis Method:	8270C/DoD	Analysis Batch:	240-66702	Instrument ID:	A4HP9
Prep Method:	3540C	Prep Batch:	240-65386	Lab File ID:	21129013.D
Dilution:	5.0	Leach Batch:	240-64879	Initial Weight/Volume:	29.87 g
Analysis Date:	11/29/2012 1254			Final Weight/Volume:	2 mL
Prep Date:	11/16/2012 1326			Injection Volume:	1 uL
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Indeno[1,2,3-cd]pyrene		38	D M	17	33
Isophorone		140	U	65	250
2-Methylnaphthalene		17	U	17	33
2-Methylphenol		400	U	400	1000
3 & 4 Methylphenol		400	U	100	2000
Naphthalene		17	U	17	33
2-Nitroaniline		140	U	46	1000
3-Nitroaniline		400	U	80	1000
4-Nitroaniline		140	U	130	1000
Nitrobenzene		17	U	11	500
2-Nitrophenol		140	U	140	250
4-Nitrophenol		400	U	400	1700
N-Nitrosodi-n-propylamine		140	U	140	250
N-Nitrosodiphenylamine		140	U	110	250
Pentachlorophenol		400	U	400	750
Phenanthrene		160	D	17	33
Phenol		140	U	140	250
Pyrene		150	D	17	33
1,2,4-Trichlorobenzene		140	U	140	250
2,4,5-Trichlorophenol		140	U	130	750
2,4,6-Trichlorophenol		400	U	400	750

Surrogate	%Rec	Qualifier	Acceptance Limits
2-Fluorobiphenyl (Surr)	60		45 - 105
2-Fluorophenol (Surr)	63		35 - 105
Nitrobenzene-d5 (Surr)	67		35 - 100
Terphenyl-d14 (Surr)	63		30 - 125
2,4,6-Tribromophenol (Surr)	67		35 - 125
Phenol-d5 (Surr)	68		40 - 100

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **070SS-0006M-0001-SO**

Lab Sample ID: 240-17317-11 Date Sampled: 11/07/2012 0850
Client Matrix: Solid % Moisture: 24.0 Date Received: 11/07/2012 1730

8015B Gasoline Range Organics - (GC)

Analysis Method:	8015B	Analysis Batch:	240-65273	Instrument ID:	YPID
Prep Method:	5035	Prep Batch:	240-64810	Initial Weight/Volume:	7.138 g
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	11/16/2012 1624			Injection Volume:	
Prep Date:	11/07/2012 1925			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
C6-C12		58	J	42	92

Surrogate	%Rec	Qualifier	Acceptance Limits
Trifluorotoluene (Surr)	69		10 - 150

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **070SS-0007M-0001-SO**

Lab Sample ID: 240-17317-12 Date Sampled: 11/07/2012 0850
Client Matrix: Solid % Moisture: 25.0 Date Received: 11/07/2012 1730

8015B Gasoline Range Organics - (GC)

Analysis Method:	8015B	Analysis Batch:	240-65273	Instrument ID:	YPID
Prep Method:	5035	Prep Batch:	240-65380	Initial Weight/Volume:	5.531 g
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	11/16/2012 1819			Injection Volume:	
Prep Date:	11/07/2012 1925			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
C6-C12		60	U	55	120

Surrogate	%Rec	Qualifier	Acceptance Limits
Trifluorotoluene (Surr)	53		10 - 150

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **070SS-0002M-0001-SO**

Lab Sample ID: 240-17317-13 Date Sampled: 11/07/2012 0910
Client Matrix: Solid % Moisture: 25.2 Date Received: 11/07/2012 1730

8015B Gasoline Range Organics - (GC)

Analysis Method:	8015B	Analysis Batch:	240-65273	Instrument ID:	YPID
Prep Method:	5035	Prep Batch:	240-65380	Initial Weight/Volume:	5.151 g
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	11/16/2012 1857			Injection Volume:	
Prep Date:	11/07/2012 1925			Result Type:	PRIMARY

Analyte	DryWt Corrected: Y	Result (ug/Kg)	Qualifier	DL	LOQ
C6-C12		65	U	60	130

Surrogate	%Rec	Qualifier	Acceptance Limits
Trifluorotoluene (Surr)	69		10 - 150

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **076SS-0027-0001-TB**

Lab Sample ID: 240-17317-25 Date Sampled: 11/07/2012 0800
Client Matrix: Water Date Received: 11/07/2012 1730

8015B Gasoline Range Organics - (GC)

Analysis Method:	8015B	Analysis Batch:	240-65195	Instrument ID:	O
Prep Method:	5030B		N/A	Initial Weight/Volume:	5 mL
Dilution:	1.0			Final Weight/Volume:	5 mL
Analysis Date:	11/15/2012 1750			Injection Volume:	
Prep Date:	11/15/2012 1750			Result Type:	PRIMARY

Analyte	Result (ug/L)	Qualifier	DL	LOQ
C6-C12	55	J B	25	100

Surrogate	%Rec	Qualifier	Acceptance Limits
Trifluorotoluene (Surr)	88		10 - 150

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **068SS-0003M-0001-SO**

Lab Sample ID: 240-17317-7 Date Sampled: 11/06/2012 1200
Client Matrix: Solid Date Received: 11/07/2012 1730

8081/DOD Organochlorine Pesticides (GC)

Analysis Method:	8081/DOD	Analysis Batch:	240-65793	Instrument ID:	A2HP9
Prep Method:	3540C	Prep Batch:	240-65399	Initial Weight/Volume:	29.89 g
Dilution:	10	Leach Batch:	240-64879	Final Weight/Volume:	10 mL
Analysis Date:	11/20/2012 1416			Injection Volume:	1 uL
Prep Date:	11/16/2012 1353			Result Type:	PRIMARY
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
4,4'-DDD		6.7	U	6.2	20
4,4'-DDE		6.7	U	3.9	17
4,4'-DDT		6.7	U	6.3	20
Aldrin		13	U	12	40
alpha-BHC		13	U	7.3	25
alpha-Chlordane		13	U	9.4	30
beta-BHC		13	U J	11	35
delta-BHC		13	U	12	40
Dieldrin		6.7	U	4.7	17
Endosulfan I		6.7	U	5.2	17
Endosulfan II		13	U	8.2	25
Endosulfan sulfate		13	U	8.7	30
Endrin		6.7	U	5.0	17
Endrin aldehyde		13	U	10	30
Endrin ketone		6.7	U	6.3	20
gamma-BHC (Lindane)		13	U	7.4	25
gamma-Chlordane		6.7	U	4.2	17
Heptachlor		13	U	11	35
Heptachlor epoxide		13	U J	8.0	25
Methoxychlor		33	U J	15	50
Toxaphene		200	U	190	670

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	86		55 - 130
Tetrachloro-m-xylene	88		70 - 125

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **068SS-0003M-0001-SO**

Lab Sample ID: 240-17317-7 Date Sampled: 11/06/2012 1200
Client Matrix: Solid Date Received: 11/07/2012 1730

8081/DOD Organochlorine Pesticides (GC)

Analysis Method:	8081/DOD	Analysis Batch:	240-65793	Instrument ID:	A2HP9
Prep Method:	3540C	Prep Batch:	240-65399	Initial Weight/Volume:	29.89 g
Dilution:	10	Leach Batch:	240-64879	Final Weight/Volume:	10 mL
Analysis Date:	11/20/2012 1416			Injection Volume:	1 uL
Prep Date:	11/16/2012 1353			Result Type:	SECONDARY
Leach Date:	11/09/2012 1400				

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	163	Q	55 - 130
Tetrachloro-m-xylene	114		70 - 125

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **068SS-0004M-0001-SO**

Lab Sample ID: 240-17317-8 Date Sampled: 11/06/2012 1200
Client Matrix: Solid Date Received: 11/07/2012 1730

8081/DOD Organochlorine Pesticides (GC)

Analysis Method:	8081/DOD	Analysis Batch:	240-65793	Instrument ID:	A2HP9
Prep Method:	3540C	Prep Batch:	240-65399	Initial Weight/Volume:	29.81 g
Dilution:	10	Leach Batch:	240-64879	Final Weight/Volume:	10 mL
Analysis Date:	11/20/2012 1531			Injection Volume:	1 uL
Prep Date:	11/16/2012 1353			Result Type:	PRIMARY
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
4,4'-DDD		6.7	U	6.2	20
4,4'-DDE		6.7	U	3.9	17
4,4'-DDT		6.7	U	6.3	20
Aldrin		13	U	12	40
alpha-BHC		13	U	7.3	25
alpha-Chlordane		13	U	9.5	30
beta-BHC		13	U	11	35
delta-BHC		13	U	12	40
Dieldrin		6.7	U	4.7	17
Endosulfan I		6.7	U	5.2	17
Endosulfan II		13	U	8.3	25
Endosulfan sulfate		13	U	8.8	30
Endrin		6.7	U	5.0	17
Endrin aldehyde		13	U	10	30
Endrin ketone		6.7	U	6.3	20
gamma-BHC (Lindane)		13	U	7.4	25
gamma-Chlordane		6.7	U	4.2	17
Heptachlor		13	U	11	35
Heptachlor epoxide		13	U	8.1	25
Methoxychlor		33	U	15	50
Toxaphene		200	U	190	670

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	97		55 - 130
Tetrachloro-m-xylene	100		70 - 125

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **068SS-0004M-0001-SO**

Lab Sample ID: 240-17317-8 Date Sampled: 11/06/2012 1200
Client Matrix: Solid Date Received: 11/07/2012 1730

8081/DOD Organochlorine Pesticides (GC)

Analysis Method:	8081/DOD	Analysis Batch:	240-65793	Instrument ID:	A2HP9
Prep Method:	3540C	Prep Batch:	240-65399	Initial Weight/Volume:	29.81 g
Dilution:	10	Leach Batch:	240-64879	Final Weight/Volume:	10 mL
Analysis Date:	11/20/2012 1531			Injection Volume:	1 uL
Prep Date:	11/16/2012 1353			Result Type:	SECONDARY
Leach Date:	11/09/2012 1400				

Surrogate	%Rec	Qualifier	Acceptance Limits
DCB Decachlorobiphenyl	172	Q	55 - 130
Tetrachloro-m-xylene	107		70 - 125

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **076SS-0002M-0001-SO**

Lab Sample ID: 240-17317-1 Date Sampled: 11/06/2012 0840
Client Matrix: Solid Date Received: 11/07/2012 1730

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082/DOD	Analysis Batch:	240-65670	Instrument ID:	A2HP13
Prep Method:	3540C	Prep Batch:	240-65400	Initial Weight/Volume:	30.08 g
Dilution:	1.0	Leach Batch:	240-64879	Final Weight/Volume:	10 mL
Analysis Date:	11/20/2012 0435			Injection Volume:	1 mL
Prep Date:	11/16/2012 1356			Result Type:	PRIMARY
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Aroclor-1221		25	U	16	50
Aroclor-1016		25	U	21	65
Aroclor-1232		25	U	14	45
Aroclor-1242		25	U	13	40
Aroclor-1248		25	U	17	55
Aroclor-1254		25	U	17	55
Aroclor-1260		68		17	55

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	70		40 - 140
DCB Decachlorobiphenyl	80		60 - 125

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **076SS-0002M-0001-SO**

Lab Sample ID: 240-17317-1 Date Sampled: 11/06/2012 0840
Client Matrix: Solid Date Received: 11/07/2012 1730

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082/DOD	Analysis Batch:	240-65670	Instrument ID:	A2HP13
Prep Method:	3540C	Prep Batch:	240-65400	Initial Weight/Volume:	30.08 g
Dilution:	1.0	Leach Batch:	240-64879	Final Weight/Volume:	10 mL
Analysis Date:	11/20/2012 0435			Injection Volume:	1 mL
Prep Date:	11/16/2012 1356			Result Type:	SECONDARY
Leach Date:	11/09/2012 1400				

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	60		40 - 140
DCB Decachlorobiphenyl	112		60 - 125

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **076SS-0001M-0001-SO**

Lab Sample ID: 240-17317-2 Date Sampled: 11/06/2012 0923
Client Matrix: Solid Date Received: 11/07/2012 1730

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082/DOD	Analysis Batch:	240-65670	Instrument ID:	A2HP13
Prep Method:	3540C	Prep Batch:	240-65400	Initial Weight/Volume:	29.92 g
Dilution:	1.0	Leach Batch:	240-64879	Final Weight/Volume:	10 mL
Analysis Date:	11/20/2012 0450			Injection Volume:	1 mL
Prep Date:	11/16/2012 1356			Result Type:	PRIMARY
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Aroclor-1221		25	U	16	50
Aroclor-1016		25	U	21	65
Aroclor-1232		25	U	14	45
Aroclor-1242		25	U	13	40
Aroclor-1248		25	U	17	55
Aroclor-1254		25	U	17	55
Aroclor-1260		42	J	17	55

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	83		40 - 140
DCB Decachlorobiphenyl	81		60 - 125

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **076SS-0001M-0001-SO**

Lab Sample ID: 240-17317-2 Date Sampled: 11/06/2012 0923
Client Matrix: Solid Date Received: 11/07/2012 1730

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082/DOD	Analysis Batch:	240-65670	Instrument ID:	A2HP13
Prep Method:	3540C	Prep Batch:	240-65400	Initial Weight/Volume:	29.92 g
Dilution:	1.0	Leach Batch:	240-64879	Final Weight/Volume:	10 mL
Analysis Date:	11/20/2012 0450			Injection Volume:	1 mL
Prep Date:	11/16/2012 1356			Result Type:	SECONDARY
Leach Date:	11/09/2012 1400				

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	78		40 - 140
DCB Decachlorobiphenyl	288	Q	60 - 125

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **068SS-0001M-0001-SO**

Lab Sample ID: 240-17317-5 Date Sampled: 11/06/2012 1240
Client Matrix: Solid Date Received: 11/07/2012 1730

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082/DOD	Analysis Batch:	240-65670	Instrument ID:	A2HP13
Prep Method:	3540C	Prep Batch:	240-65400	Initial Weight/Volume:	29.56 g
Dilution:	1.0	Leach Batch:	240-64879	Final Weight/Volume:	10 mL
Analysis Date:	11/20/2012 0505			Injection Volume:	1 mL
Prep Date:	11/16/2012 1356			Result Type:	PRIMARY
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Aroclor-1221		25	U	16	51
Aroclor-1016		25	U	21	66
Aroclor-1232		25	U	14	46
Aroclor-1242		25	U	13	41
Aroclor-1248		25	U	17	56
Aroclor-1254		25	U	17	56
Aroclor-1260		25	U	17	56

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	73		40 - 140
DCB Decachlorobiphenyl	86		60 - 125

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **068SS-0001M-0001-SO**

Lab Sample ID: 240-17317-5 Date Sampled: 11/06/2012 1240
Client Matrix: Solid Date Received: 11/07/2012 1730

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082/DOD	Analysis Batch:	240-65670	Instrument ID:	A2HP13
Prep Method:	3540C	Prep Batch:	240-65400	Initial Weight/Volume:	29.56 g
Dilution:	1.0	Leach Batch:	240-64879	Final Weight/Volume:	10 mL
Analysis Date:	11/20/2012 0505			Injection Volume:	1 mL
Prep Date:	11/16/2012 1356			Result Type:	SECONDARY
Leach Date:	11/09/2012 1400				

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	60		40 - 140
DCB Decachlorobiphenyl	74		60 - 125

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **068SS-0002M-0001-SO**

Lab Sample ID: 240-17317-6 Date Sampled: 11/06/2012 1210
Client Matrix: Solid Date Received: 11/07/2012 1730

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082/DOD	Analysis Batch:	240-65670	Instrument ID:	A2HP13
Prep Method:	3540C	Prep Batch:	240-65400	Initial Weight/Volume:	30.27 g
Dilution:	1.0	Leach Batch:	240-64879	Final Weight/Volume:	10 mL
Analysis Date:	11/20/2012 1241			Injection Volume:	1 mL
Prep Date:	11/16/2012 1356			Result Type:	PRIMARY
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Aroclor-1221		25	U	16	50
Aroclor-1016		25	U	21	64
Aroclor-1232		25	U	14	45
Aroclor-1242		25	U	13	40
Aroclor-1248		25	U	17	55
Aroclor-1254		25	U	17	55
Aroclor-1260		25	U	17	55

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	63		40 - 140
DCB Decachlorobiphenyl	62		60 - 125

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **068SS-0002M-0001-SO**

Lab Sample ID: 240-17317-6 Date Sampled: 11/06/2012 1210
Client Matrix: Solid Date Received: 11/07/2012 1730

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082/DOD	Analysis Batch:	240-65670	Instrument ID:	A2HP13
Prep Method:	3540C	Prep Batch:	240-65400	Initial Weight/Volume:	30.27 g
Dilution:	1.0	Leach Batch:	240-64879	Final Weight/Volume:	10 mL
Analysis Date:	11/20/2012 1241			Injection Volume:	1 mL
Prep Date:	11/16/2012 1356			Result Type:	SECONDARY
Leach Date:	11/09/2012 1400				

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	55		40 - 140
DCB Decachlorobiphenyl	55	Q	60 - 125

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **068SS-0003M-0001-SO**

Lab Sample ID: 240-17317-7 Date Sampled: 11/06/2012 1200
Client Matrix: Solid Date Received: 11/07/2012 1730

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082/DOD	Analysis Batch:	240-65670	Instrument ID:	A2HP13
Prep Method:	3540C	Prep Batch:	240-65400	Initial Weight/Volume:	29.91 g
Dilution:	1.0	Leach Batch:	240-64879	Final Weight/Volume:	10 mL
Analysis Date:	11/20/2012 0520			Injection Volume:	1 mL
Prep Date:	11/16/2012 1356			Result Type:	PRIMARY
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Aroclor-1221		25	U	16	50
Aroclor-1016		25	U	21	65
Aroclor-1232		25	U	14	45
Aroclor-1242		25	U	13	40
Aroclor-1248		25	U	17	55
Aroclor-1254		25	U	17	55
Aroclor-1260		25	U	17	55

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	84		40 - 140
DCB Decachlorobiphenyl	85		60 - 125

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **068SS-0003M-0001-SO**

Lab Sample ID: 240-17317-7 Date Sampled: 11/06/2012 1200
Client Matrix: Solid Date Received: 11/07/2012 1730

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082/DOD	Analysis Batch:	240-65670	Instrument ID:	A2HP13
Prep Method:	3540C	Prep Batch:	240-65400	Initial Weight/Volume:	29.91 g
Dilution:	1.0	Leach Batch:	240-64879	Final Weight/Volume:	10 mL
Analysis Date:	11/20/2012 0520			Injection Volume:	1 mL
Prep Date:	11/16/2012 1356			Result Type:	SECONDARY
Leach Date:	11/09/2012 1400				

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	73		40 - 140
DCB Decachlorobiphenyl	84		60 - 125

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **068SS-0004M-0001-SO**

Lab Sample ID: 240-17317-8 Date Sampled: 11/06/2012 1200
Client Matrix: Solid Date Received: 11/07/2012 1730

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082/DOD	Analysis Batch:	240-65670	Instrument ID:	A2HP13
Prep Method:	3540C	Prep Batch:	240-65400	Initial Weight/Volume:	29.82 g
Dilution:	1.0	Leach Batch:	240-64879	Final Weight/Volume:	10 mL
Analysis Date:	11/20/2012 0605			Injection Volume:	1 mL
Prep Date:	11/16/2012 1356			Result Type:	PRIMARY
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Aroclor-1221		25	U	16	50
Aroclor-1016		25	U	21	65
Aroclor-1232		25	U	14	45
Aroclor-1242		25	U	13	40
Aroclor-1248		25	U	17	55
Aroclor-1254		25	U	17	55
Aroclor-1260		25	U	17	55

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	79		40 - 140
DCB Decachlorobiphenyl	86		60 - 125

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **068SS-0004M-0001-SO**

Lab Sample ID: 240-17317-8 Date Sampled: 11/06/2012 1200
Client Matrix: Solid Date Received: 11/07/2012 1730

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082/DOD	Analysis Batch:	240-65670	Instrument ID:	A2HP13
Prep Method:	3540C	Prep Batch:	240-65400	Initial Weight/Volume:	29.82 g
Dilution:	1.0	Leach Batch:	240-64879	Final Weight/Volume:	10 mL
Analysis Date:	11/20/2012 0605			Injection Volume:	1 mL
Prep Date:	11/16/2012 1356			Result Type:	SECONDARY
Leach Date:	11/09/2012 1400				

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	71		40 - 140
DCB Decachlorobiphenyl	86		60 - 125

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **068SS-0005M-0001-SO**

Lab Sample ID: 240-17317-14 Date Sampled: 11/06/2012 1350
Client Matrix: Solid Date Received: 11/07/2012 1730

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082/DOD	Analysis Batch:	240-65670	Instrument ID:	A2HP13
Prep Method:	3540C	Prep Batch:	240-65400	Initial Weight/Volume:	30.12 g
Dilution:	1.0	Leach Batch:	240-64879	Final Weight/Volume:	10 mL
Analysis Date:	11/20/2012 0620			Injection Volume:	1 mL
Prep Date:	11/16/2012 1356			Result Type:	PRIMARY
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Aroclor-1221		25	U	16	50
Aroclor-1016		25	U	21	65
Aroclor-1232		25	U	14	45
Aroclor-1242		25	U	13	40
Aroclor-1248		25	U	17	55
Aroclor-1254		25	U	17	55
Aroclor-1260		25	U	17	55

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	75		40 - 140
DCB Decachlorobiphenyl	86		60 - 125

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **068SS-0005M-0001-SO**

Lab Sample ID: 240-17317-14 Date Sampled: 11/06/2012 1350
Client Matrix: Solid Date Received: 11/07/2012 1730

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082/DOD	Analysis Batch:	240-65670	Instrument ID:	A2HP13
Prep Method:	3540C	Prep Batch:	240-65400	Initial Weight/Volume:	30.12 g
Dilution:	1.0	Leach Batch:	240-64879	Final Weight/Volume:	10 mL
Analysis Date:	11/20/2012 0620			Injection Volume:	1 mL
Prep Date:	11/16/2012 1356			Result Type:	SECONDARY
Leach Date:	11/09/2012 1400				

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	68		40 - 140
DCB Decachlorobiphenyl	71		60 - 125

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **068SS-0006M-0001-SO**

Lab Sample ID: 240-17317-15 Date Sampled: 11/06/2012 1545
Client Matrix: Solid Date Received: 11/07/2012 1730

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082/DOD	Analysis Batch:	240-65670	Instrument ID:	A2HP13
Prep Method:	3540C	Prep Batch:	240-65400	Initial Weight/Volume:	30.17 g
Dilution:	1.0	Leach Batch:	240-64879	Final Weight/Volume:	10 mL
Analysis Date:	11/20/2012 0635			Injection Volume:	1 mL
Prep Date:	11/16/2012 1356			Result Type:	PRIMARY
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Aroclor-1221		25	U	16	50
Aroclor-1016		25	U	21	65
Aroclor-1232		25	U	14	45
Aroclor-1242		25	U	13	40
Aroclor-1248		25	U	17	55
Aroclor-1254		25	U	17	55
Aroclor-1260		25	U	17	55

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	76		40 - 140
DCB Decachlorobiphenyl	82		60 - 125

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **068SS-0006M-0001-SO**

Lab Sample ID: 240-17317-15 Date Sampled: 11/06/2012 1545
Client Matrix: Solid Date Received: 11/07/2012 1730

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082/DOD	Analysis Batch:	240-65670	Instrument ID:	A2HP13
Prep Method:	3540C	Prep Batch:	240-65400	Initial Weight/Volume:	30.17 g
Dilution:	1.0	Leach Batch:	240-64879	Final Weight/Volume:	10 mL
Analysis Date:	11/20/2012 0635			Injection Volume:	1 mL
Prep Date:	11/16/2012 1356			Result Type:	SECONDARY
Leach Date:	11/09/2012 1400				

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	72		40 - 140
DCB Decachlorobiphenyl	73		60 - 125

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **068SS-0007M-0001-SO**

Lab Sample ID: 240-17317-16 Date Sampled: 11/06/2012 1615
Client Matrix: Solid Date Received: 11/07/2012 1730

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082/DOD	Analysis Batch:	240-65670	Instrument ID:	A2HP13
Prep Method:	3540C	Prep Batch:	240-65400	Initial Weight/Volume:	29.55 g
Dilution:	1.0	Leach Batch:	240-64879	Final Weight/Volume:	10 mL
Analysis Date:	11/20/2012 0719			Injection Volume:	1 mL
Prep Date:	11/16/2012 1356			Result Type:	PRIMARY
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Aroclor-1221		25	U	16	51
Aroclor-1016		25	U	21	66
Aroclor-1232		25	U	14	46
Aroclor-1242		25	U	13	41
Aroclor-1248		25	U	17	56
Aroclor-1254		25	U	17	56
Aroclor-1260		25	U	17	56

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	79		40 - 140
DCB Decachlorobiphenyl	81		60 - 125

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **068SS-0007M-0001-SO**

Lab Sample ID: 240-17317-16 Date Sampled: 11/06/2012 1615
Client Matrix: Solid Date Received: 11/07/2012 1730

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082/DOD	Analysis Batch:	240-65670	Instrument ID:	A2HP13
Prep Method:	3540C	Prep Batch:	240-65400	Initial Weight/Volume:	29.55 g
Dilution:	1.0	Leach Batch:	240-64879	Final Weight/Volume:	10 mL
Analysis Date:	11/20/2012 0719			Injection Volume:	1 mL
Prep Date:	11/16/2012 1356			Result Type:	SECONDARY
Leach Date:	11/09/2012 1400				

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	72		40 - 140
DCB Decachlorobiphenyl	76		60 - 125

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **068SS-0008M-0001-SO**

Lab Sample ID: 240-17317-17 Date Sampled: 11/06/2012 1510
Client Matrix: Solid Date Received: 11/07/2012 1730

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082/DOD	Analysis Batch:	240-65670	Instrument ID:	A2HP13
Prep Method:	3540C	Prep Batch:	240-65400	Initial Weight/Volume:	30.26 g
Dilution:	1.0	Leach Batch:	240-64879	Final Weight/Volume:	10 mL
Analysis Date:	11/20/2012 0734			Injection Volume:	1 mL
Prep Date:	11/16/2012 1356			Result Type:	PRIMARY
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Aroclor-1221		25	U	16	50
Aroclor-1016		25	U	21	64
Aroclor-1232		25	U	14	45
Aroclor-1242		25	U	13	40
Aroclor-1248		25	U	17	55
Aroclor-1254		25	U	17	55
Aroclor-1260		25	U	17	55

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	77		40 - 140
DCB Decachlorobiphenyl	86		60 - 125

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **068SS-0008M-0001-SO**

Lab Sample ID: 240-17317-17 Date Sampled: 11/06/2012 1510
Client Matrix: Solid Date Received: 11/07/2012 1730

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082/DOD	Analysis Batch:	240-65670	Instrument ID:	A2HP13
Prep Method:	3540C	Prep Batch:	240-65400	Initial Weight/Volume:	30.26 g
Dilution:	1.0	Leach Batch:	240-64879	Final Weight/Volume:	10 mL
Analysis Date:	11/20/2012 0734			Injection Volume:	1 mL
Prep Date:	11/16/2012 1356			Result Type:	SECONDARY
Leach Date:	11/09/2012 1400				

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	70		40 - 140
DCB Decachlorobiphenyl	80		60 - 125

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **076SD-0008-0001-SO**

Lab Sample ID: 240-17317-18 Date Sampled: 11/06/2012 1810
Client Matrix: Solid Date Received: 11/07/2012 1730

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082/DOD	Analysis Batch:	240-65670	Instrument ID:	A2HP13
Prep Method:	3540C	Prep Batch:	240-65400	Initial Weight/Volume:	30.00 g
Dilution:	1.0	Leach Batch:	240-64879	Final Weight/Volume:	10 mL
Analysis Date:	11/20/2012 0749			Injection Volume:	1 mL
Prep Date:	11/16/2012 1356			Result Type:	PRIMARY
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Aroclor-1221		25	U	16	50
Aroclor-1016		25	U	21	65
Aroclor-1232		25	U	14	45
Aroclor-1242		25	U	13	40
Aroclor-1248		25	U	17	55
Aroclor-1254		25	U	17	55
Aroclor-1260		25	U	17	55

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	80		40 - 140
DCB Decachlorobiphenyl	81		60 - 125

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **076SD-0008-0001-SO**

Lab Sample ID: 240-17317-18 Date Sampled: 11/06/2012 1810
Client Matrix: Solid Date Received: 11/07/2012 1730

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082/DOD	Analysis Batch:	240-65670	Instrument ID:	A2HP13
Prep Method:	3540C	Prep Batch:	240-65400	Initial Weight/Volume:	30.00 g
Dilution:	1.0	Leach Batch:	240-64879	Final Weight/Volume:	10 mL
Analysis Date:	11/20/2012 0749			Injection Volume:	1 mL
Prep Date:	11/16/2012 1356			Result Type:	SECONDARY
Leach Date:	11/09/2012 1400				

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	72		40 - 140
DCB Decachlorobiphenyl	92		60 - 125

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **076SD-0009-0001-SO**

Lab Sample ID: 240-17317-19 Date Sampled: 11/06/2012 1815
Client Matrix: Solid Date Received: 11/07/2012 1730

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082/DOD	Analysis Batch:	240-65670	Instrument ID:	A2HP13
Prep Method:	3540C	Prep Batch:	240-65400	Initial Weight/Volume:	30.00 g
Dilution:	1.0	Leach Batch:	240-64879	Final Weight/Volume:	10 mL
Analysis Date:	11/20/2012 0804			Injection Volume:	1 mL
Prep Date:	11/16/2012 1356			Result Type:	PRIMARY
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Aroclor-1221		25	U	16	50
Aroclor-1016		25	U	21	65
Aroclor-1232		25	U	14	45
Aroclor-1242		25	U	13	40
Aroclor-1248		25	U	17	55
Aroclor-1254		25	U	17	55
Aroclor-1260		25	U	17	55

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	76		40 - 140
DCB Decachlorobiphenyl	79		60 - 125

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **076SD-0009-0001-SO**

Lab Sample ID: 240-17317-19 Date Sampled: 11/06/2012 1815
Client Matrix: Solid Date Received: 11/07/2012 1730

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082/DOD	Analysis Batch:	240-65670	Instrument ID:	A2HP13
Prep Method:	3540C	Prep Batch:	240-65400	Initial Weight/Volume:	30.00 g
Dilution:	1.0	Leach Batch:	240-64879	Final Weight/Volume:	10 mL
Analysis Date:	11/20/2012 0804			Injection Volume:	1 mL
Prep Date:	11/16/2012 1356			Result Type:	SECONDARY
Leach Date:	11/09/2012 1400				

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	68		40 - 140
DCB Decachlorobiphenyl	63		60 - 125

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **076SD-0010-0001-SO**

Lab Sample ID: 240-17317-20 Date Sampled: 11/06/2012 1815
Client Matrix: Solid Date Received: 11/07/2012 1730

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082/DOD	Analysis Batch:	240-65670	Instrument ID:	A2HP13
Prep Method:	3540C	Prep Batch:	240-65400	Initial Weight/Volume:	30.03 g
Dilution:	1.0	Leach Batch:	240-64879	Final Weight/Volume:	10 mL
Analysis Date:	11/20/2012 0849			Injection Volume:	1 mL
Prep Date:	11/16/2012 1356			Result Type:	PRIMARY
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Aroclor-1221		25	U	16	50
Aroclor-1016		25	U	21	65
Aroclor-1232		25	U	14	45
Aroclor-1242		25	U	13	40
Aroclor-1248		25	U	17	55
Aroclor-1254		25	U	17	55
Aroclor-1260		25	U	17	55

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	75		40 - 140
DCB Decachlorobiphenyl	73		60 - 125

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **076SD-0010-0001-SO**

Lab Sample ID: 240-17317-20 Date Sampled: 11/06/2012 1815
Client Matrix: Solid Date Received: 11/07/2012 1730

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082/DOD	Analysis Batch:	240-65670	Instrument ID:	A2HP13
Prep Method:	3540C	Prep Batch:	240-65400	Initial Weight/Volume:	30.03 g
Dilution:	1.0	Leach Batch:	240-64879	Final Weight/Volume:	10 mL
Analysis Date:	11/20/2012 0849			Injection Volume:	1 mL
Prep Date:	11/16/2012 1356			Result Type:	SECONDARY
Leach Date:	11/09/2012 1400				

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	69		40 - 140
DCB Decachlorobiphenyl	61		60 - 125

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **076SD-0011-0001-SO**

Lab Sample ID: 240-17317-21 Date Sampled: 11/06/2012 1825
Client Matrix: Solid Date Received: 11/07/2012 1730

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082/DOD	Analysis Batch:	240-65670	Instrument ID:	A2HP13
Prep Method:	3540C	Prep Batch:	240-65400	Initial Weight/Volume:	29.84 g
Dilution:	1.0	Leach Batch:	240-64879	Final Weight/Volume:	10 mL
Analysis Date:	11/20/2012 0904			Injection Volume:	1 mL
Prep Date:	11/16/2012 1356			Result Type:	PRIMARY
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Aroclor-1221		25	U	16	50
Aroclor-1016		25	U	21	65
Aroclor-1232		25	U	14	45
Aroclor-1242		25	U	13	40
Aroclor-1248		25	U	17	55
Aroclor-1254		25	U	17	55
Aroclor-1260		25	U	17	55

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	65		40 - 140
DCB Decachlorobiphenyl	73		60 - 125

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **076SD-0011-0001-SO**

Lab Sample ID: 240-17317-21 Date Sampled: 11/06/2012 1825
Client Matrix: Solid Date Received: 11/07/2012 1730

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082/DOD	Analysis Batch:	240-65670	Instrument ID:	A2HP13
Prep Method:	3540C	Prep Batch:	240-65400	Initial Weight/Volume:	29.84 g
Dilution:	1.0	Leach Batch:	240-64879	Final Weight/Volume:	10 mL
Analysis Date:	11/20/2012 0904			Injection Volume:	1 mL
Prep Date:	11/16/2012 1356			Result Type:	SECONDARY
Leach Date:	11/09/2012 1400				

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	59		40 - 140
DCB Decachlorobiphenyl	157	Q	60 - 125

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **076SD-0012-0001-SO**

Lab Sample ID: 240-17317-22 Date Sampled: 11/06/2012 1830
Client Matrix: Solid Date Received: 11/07/2012 1730

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082/DOD	Analysis Batch:	240-65670	Instrument ID:	A2HP13
Prep Method:	3540C	Prep Batch:	240-65400	Initial Weight/Volume:	29.97 g
Dilution:	1.0	Leach Batch:	240-64879	Final Weight/Volume:	10 mL
Analysis Date:	11/20/2012 0919			Injection Volume:	1 mL
Prep Date:	11/16/2012 1356			Result Type:	PRIMARY
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (ug/Kg)	Qualifier	DL	LOQ
Aroclor-1221		25	U	16	50
Aroclor-1016		25	U	21	65
Aroclor-1232		25	U	14	45
Aroclor-1242		25	U	13	40
Aroclor-1248		25	U	17	55
Aroclor-1254		25	U	17	55
Aroclor-1260		25	U	17	55

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	77		40 - 140
DCB Decachlorobiphenyl	100		60 - 125

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **076SD-0012-0001-SO**

Lab Sample ID: 240-17317-22 Date Sampled: 11/06/2012 1830
Client Matrix: Solid Date Received: 11/07/2012 1730

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analysis Method:	8082/DOD	Analysis Batch:	240-65670	Instrument ID:	A2HP13
Prep Method:	3540C	Prep Batch:	240-65400	Initial Weight/Volume:	29.97 g
Dilution:	1.0	Leach Batch:	240-64879	Final Weight/Volume:	10 mL
Analysis Date:	11/20/2012 0919			Injection Volume:	1 mL
Prep Date:	11/16/2012 1356			Result Type:	SECONDARY
Leach Date:	11/09/2012 1400				

Surrogate	%Rec	Qualifier	Acceptance Limits
Tetrachloro-m-xylene	68		40 - 140
DCB Decachlorobiphenyl	67		60 - 125

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **068SS-0003M-0001-SO**

Lab Sample ID: 240-17317-7 Date Sampled: 11/06/2012 1200
Client Matrix: Solid Date Received: 11/07/2012 1730

8330 Modified Nitroguanidine (HPLC)

Analysis Method:	8330 Modified	Analysis Batch:	320-6340	Instrument ID:	PDA1
Prep Method:	Sieve/Ultrasoni	Prep Batch:	320-6035	Lab File ID:	320-0001520-011-1.d
Dilution:	1.0			Initial Weight/Volume:	2.01 g
Analysis Date:	11/26/2012 1411			Final Weight/Volume:	10 mL
Prep Date:	11/16/2012 1129			Injection Volume:	50 uL

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Nitroguanidine		0.040	U	0.020	0.25

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **068SS-0004M-0001-SO**

Lab Sample ID: 240-17317-8 Date Sampled: 11/06/2012 1200
Client Matrix: Solid Date Received: 11/07/2012 1730

8330 Modified Nitroguanidine (HPLC)

Analysis Method:	8330 Modified	Analysis Batch:	320-6340	Instrument ID:	PDA1
Prep Method:	Sieve/Ultrasoni	Prep Batch:	320-6035	Lab File ID:	320-0001520-015-1.d
Dilution:	1.0			Initial Weight/Volume:	2.01 g
Analysis Date:	11/26/2012 1508			Final Weight/Volume:	10 mL
Prep Date:	11/16/2012 1129			Injection Volume:	50 uL

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Nitroguanidine		0.040	U	0.020	0.25

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **076SD-0008-0001-SO**

Lab Sample ID: 240-17317-18 Date Sampled: 11/06/2012 1810
Client Matrix: Solid Date Received: 11/07/2012 1730

8330 Modified Nitroguanidine (HPLC)

Analysis Method:	8330 Modified	Analysis Batch:	320-6340	Instrument ID:	PDA1
Prep Method:	Sieve/Ultrasoni	Prep Batch:	320-6035	Lab File ID:	320-0001520-016-1.d
Dilution:	1.0			Initial Weight/Volume:	2.04 g
Analysis Date:	11/26/2012 1522			Final Weight/Volume:	10 mL
Prep Date:	11/16/2012 1129			Injection Volume:	50 uL

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Nitroguanidine		0.039	U	0.020	0.25

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **076SD-0009-0001-SO**

Lab Sample ID: 240-17317-19 Date Sampled: 11/06/2012 1815
Client Matrix: Solid Date Received: 11/07/2012 1730

8330 Modified Nitroguanidine (HPLC)

Analysis Method:	8330 Modified	Analysis Batch:	320-6340	Instrument ID:	PDA1
Prep Method:	Sieve/Ultrasoni	Prep Batch:	320-6035	Lab File ID:	320-0001520-017-1.d
Dilution:	1.0			Initial Weight/Volume:	2.02 g
Analysis Date:	11/26/2012 1537			Final Weight/Volume:	10 mL
Prep Date:	11/16/2012 1129			Injection Volume:	50 uL

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Nitroguanidine		0.040	U	0.020	0.25

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **076SD-0010-0001-SO**

Lab Sample ID: 240-17317-20 Date Sampled: 11/06/2012 1815
Client Matrix: Solid Date Received: 11/07/2012 1730

8330 Modified Nitroguanidine (HPLC)

Analysis Method:	8330 Modified	Analysis Batch:	320-6340	Instrument ID:	PDA1
Prep Method:	Sieve/Ultrasoni	Prep Batch:	320-6035	Lab File ID:	320-0001520-020-1.d
Dilution:	1.0			Initial Weight/Volume:	2.01 g
Analysis Date:	11/26/2012 1619			Final Weight/Volume:	10 mL
Prep Date:	11/16/2012 1129			Injection Volume:	50 uL

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Nitroguanidine		0.040	U	0.020	0.25

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **076SD-0011-0001-SO**

Lab Sample ID: 240-17317-21 Date Sampled: 11/06/2012 1825
Client Matrix: Solid Date Received: 11/07/2012 1730

8330 Modified Nitroguanidine (HPLC)

Analysis Method:	8330 Modified	Analysis Batch:	320-6340	Instrument ID:	PDA1
Prep Method:	Sieve/Ultrasoni	Prep Batch:	320-6035	Lab File ID:	320-0001520-021-1.d
Dilution:	1.0			Initial Weight/Volume:	2.03 g
Analysis Date:	11/26/2012 1634			Final Weight/Volume:	10 mL
Prep Date:	11/16/2012 1129			Injection Volume:	50 uL

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Nitroguanidine		0.039	U	0.020	0.25

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **076SD-0012-0001-SO**

Lab Sample ID: 240-17317-22 Date Sampled: 11/06/2012 1830
Client Matrix: Solid Date Received: 11/07/2012 1730

8330 Modified Nitroguanidine (HPLC)

Analysis Method:	8330 Modified	Analysis Batch:	320-6340	Instrument ID:	PDA1
Prep Method:	Sieve/Ultrasoni	Prep Batch:	320-6035	Lab File ID:	320-0001520-022-1.d
Dilution:	1.0			Initial Weight/Volume:	2.05 g
Analysis Date:	11/26/2012 1648			Final Weight/Volume:	10 mL
Prep Date:	11/16/2012 1129			Injection Volume:	50 uL

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Nitroguanidine		0.039	U	0.020	0.24

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **068SS-0003M-0001-SO**

Lab Sample ID: 240-17317-7 Date Sampled: 11/06/2012 1200
Client Matrix: Solid Date Received: 11/07/2012 1730

8330B Nitroaromatics and Nitramines (HPLC)

Analysis Method:	8330B	Analysis Batch:	320-6177	Instrument ID:	LC10
Prep Method:	8330B	Prep Batch:	320-6026	Initial Weight/Volume:	10.00 g
Dilution:	1.0			Final Weight/Volume:	80 mL
Analysis Date:	11/21/2012 0304			Injection Volume:	500 uL
Prep Date:	11/16/2012 1046			Result Type:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
2-Amino-4,6-dinitrotoluene		0.050	U	0.013	0.25
4-Amino-2,6-dinitrotoluene		0.050	U	0.010	0.25
1,3-Dinitrobenzene		0.050	U	0.0042	0.25
2,4-Dinitrotoluene		0.050	U	0.0053	0.25
2,6-Dinitrotoluene		0.050	U	0.0073	0.25
HMX		0.050	U	0.012	0.25
Nitrobenzene		0.050	U	0.018	0.25
Nitroglycerin		0.25	U	0.015	0.50
2-Nitrotoluene		0.050	U	0.013	0.25
3-Nitrotoluene		0.050	U	0.016	0.25
4-Nitrotoluene		0.050	U	0.018	0.25
PETN		0.25	U	0.025	0.50
RDX		0.050	U	0.012	0.25
Tetryl		0.031	J	0.010	0.25
1,3,5-Trinitrobenzene		0.050	U	0.010	0.25
2,4,6-Trinitrotoluene		0.050	U	0.019	0.25

Surrogate	%Rec	Qualifier	Acceptance Limits
3,4-Dinitrotoluene	98		78 - 118

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **068SS-0003M-0001-SO**

Lab Sample ID: 240-17317-7 Date Sampled: 11/06/2012 1200
Client Matrix: Solid Date Received: 11/07/2012 1730

8330B Nitroaromatics and Nitramines (HPLC)

Analysis Method:	8330B	Analysis Batch:	320-6234	Instrument ID:	LC12
Prep Method:	8330B	Prep Batch:	320-6026	Initial Weight/Volume:	10.00 g
Dilution:	1.0			Final Weight/Volume:	80 mL
Analysis Date:	11/21/2012 2221			Injection Volume:	500 uL
Prep Date:	11/16/2012 1046			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
3,4-Dinitrotoluene	258	Q	78 - 118

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **068SS-0004M-0001-SO**

Lab Sample ID: 240-17317-8 Date Sampled: 11/06/2012 1200
Client Matrix: Solid Date Received: 11/07/2012 1730

8330B Nitroaromatics and Nitramines (HPLC)

Analysis Method:	8330B	Analysis Batch:	320-6177	Instrument ID:	LC10
Prep Method:	8330B	Prep Batch:	320-6026	Initial Weight/Volume:	10.01 g
Dilution:	1.0			Final Weight/Volume:	80 mL
Analysis Date:	11/21/2012 0546			Injection Volume:	500 uL
Prep Date:	11/16/2012 1046			Result Type:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
2-Amino-4,6-dinitrotoluene		0.050	U	0.012	0.25
4-Amino-2,6-dinitrotoluene		0.050	U	0.010	0.25
1,3-Dinitrobenzene		0.050	U	0.0042	0.25
2,4-Dinitrotoluene		0.050	U	0.0053	0.25
2,6-Dinitrotoluene		0.050	U	0.0073	0.25
HMX		0.050	U	0.012	0.25
Nitrobenzene		0.050	U	0.018	0.25
Nitroglycerin		0.25	U	0.015	0.50
2-Nitrotoluene		0.050	U	0.013	0.25
3-Nitrotoluene		0.050	U	0.015	0.25
4-Nitrotoluene		0.050	U	0.018	0.25
PETN		0.25	U	0.025	0.50
RDX		0.050	U	0.012	0.25
Tetryl		0.039	J	0.010	0.25
1,3,5-Trinitrobenzene		0.050	U	0.010	0.25
2,4,6-Trinitrotoluene		0.050	U	0.019	0.25

Surrogate	%Rec	Qualifier	Acceptance Limits
3,4-Dinitrotoluene	99		78 - 118

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **068SS-0004M-0001-SO**

Lab Sample ID: 240-17317-8 Date Sampled: 11/06/2012 1200
Client Matrix: Solid Date Received: 11/07/2012 1730

8330B Nitroaromatics and Nitramines (HPLC)

Analysis Method:	8330B	Analysis Batch:	320-6234	Instrument ID:	LC12
Prep Method:	8330B	Prep Batch:	320-6026	Initial Weight/Volume:	10.01 g
Dilution:	1.0			Final Weight/Volume:	80 mL
Analysis Date:	11/21/2012 2326			Injection Volume:	500 uL
Prep Date:	11/16/2012 1046			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
3,4-Dinitrotoluene	205	Q	78 - 118

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **076SD-0008-0001-SO**

Lab Sample ID: 240-17317-18 Date Sampled: 11/06/2012 1810
Client Matrix: Solid Date Received: 11/07/2012 1730

8330B Nitroaromatics and Nitramines (HPLC)

Analysis Method:	8330B	Analysis Batch:	320-6177	Instrument ID:	LC10
Prep Method:	8330B	Prep Batch:	320-6026	Initial Weight/Volume:	10.00 g
Dilution:	1.0			Final Weight/Volume:	80 mL
Analysis Date:	11/21/2012 0627			Injection Volume:	500 uL
Prep Date:	11/16/2012 1046			Result Type:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
2-Amino-4,6-dinitrotoluene		0.050	U	0.013	0.25
4-Amino-2,6-dinitrotoluene		0.050	U	0.010	0.25
1,3-Dinitrobenzene		0.050	U	0.0042	0.25
2,4-Dinitrotoluene		0.050	U	0.0053	0.25
2,6-Dinitrotoluene		0.050	U	0.0073	0.25
HMX		0.050	U	0.012	0.25
Nitrobenzene		0.050	U	0.018	0.25
Nitroglycerin		0.25	U	0.015	0.50
2-Nitrotoluene		0.050	U	0.013	0.25
3-Nitrotoluene		0.050	U	0.016	0.25
4-Nitrotoluene		0.050	U	0.018	0.25
PETN		0.25	U	0.025	0.50
RDX		0.050	U	0.012	0.25
Tetryl		0.034	J	0.010	0.25
1,3,5-Trinitrobenzene		0.050	U	0.010	0.25
2,4,6-Trinitrotoluene		0.050	U	0.019	0.25

Surrogate	%Rec	Qualifier	Acceptance Limits
3,4-Dinitrotoluene	98		78 - 118

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **076SD-0008-0001-SO**

Lab Sample ID: 240-17317-18 Date Sampled: 11/06/2012 1810
Client Matrix: Solid Date Received: 11/07/2012 1730

8330B Nitroaromatics and Nitramines (HPLC)

Analysis Method:	8330B	Analysis Batch:	320-6234	Instrument ID:	LC12
Prep Method:	8330B	Prep Batch:	320-6026	Initial Weight/Volume:	10.00 g
Dilution:	1.0			Final Weight/Volume:	80 mL
Analysis Date:	11/22/2012 0032			Injection Volume:	500 uL
Prep Date:	11/16/2012 1046			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
3,4-Dinitrotoluene	150	Q	78 - 118

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **076SD-0009-0001-SO**

Lab Sample ID: 240-17317-19 Date Sampled: 11/06/2012 1815
Client Matrix: Solid Date Received: 11/07/2012 1730

8330B Nitroaromatics and Nitramines (HPLC)

Analysis Method:	8330B	Analysis Batch:	320-6177	Instrument ID:	LC10
Prep Method:	8330B	Prep Batch:	320-6026	Initial Weight/Volume:	10.07 g
Dilution:	1.0			Final Weight/Volume:	80 mL
Analysis Date:	11/21/2012 0708			Injection Volume:	500 uL
Prep Date:	11/16/2012 1046			Result Type:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
2-Amino-4,6-dinitrotoluene		0.050	U	0.012	0.25
4-Amino-2,6-dinitrotoluene		0.050	U	0.0099	0.25
1,3-Dinitrobenzene		0.050	U	0.0042	0.25
2,4-Dinitrotoluene		0.050	U	0.0053	0.25
2,6-Dinitrotoluene		0.050	U	0.0072	0.25
HMX		0.050	U	0.012	0.25
Nitrobenzene		0.050	U	0.017	0.25
Nitroglycerin		0.25	U	0.015	0.50
2-Nitrotoluene		0.050	U	0.013	0.25
3-Nitrotoluene		0.050	U	0.015	0.25
4-Nitrotoluene		0.050	U	0.018	0.25
PETN		0.25	U	0.025	0.50
RDX		0.050	U	0.012	0.25
1,3,5-Trinitrobenzene		0.050	U	0.0099	0.25
2,4,6-Trinitrotoluene		0.050	U	0.019	0.25

Surrogate	%Rec	Qualifier	Acceptance Limits
3,4-Dinitrotoluene	98		78 - 118

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **076SD-0009-0001-SO**

Lab Sample ID: 240-17317-19 Date Sampled: 11/06/2012 1815
Client Matrix: Solid Date Received: 11/07/2012 1730

8330B Nitroaromatics and Nitramines (HPLC)

Analysis Method:	8330B	Analysis Batch:	320-6234	Instrument ID:	LC12
Prep Method:	8330B	Prep Batch:	320-6026	Initial Weight/Volume:	10.07 g
Dilution:	1.0			Final Weight/Volume:	80 mL
Analysis Date:	11/22/2012 0137			Injection Volume:	500 uL
Prep Date:	11/16/2012 1046			Result Type:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Tetryl		0.050	U	0.0099	0.25

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **076SD-0009-0001-SO**

Lab Sample ID: 240-17317-19 Date Sampled: 11/06/2012 1815
Client Matrix: Solid Date Received: 11/07/2012 1730

8330B Nitroaromatics and Nitramines (HPLC)

Analysis Method:	8330B	Analysis Batch:	320-6234	Instrument ID:	LC12
Prep Method:	8330B	Prep Batch:	320-6026	Initial Weight/Volume:	10.07 g
Dilution:	1.0			Final Weight/Volume:	80 mL
Analysis Date:	11/22/2012 0137			Injection Volume:	500 uL
Prep Date:	11/16/2012 1046			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
3,4-Dinitrotoluene	106	M	78 - 118

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **076SD-0010-0001-SO**

Lab Sample ID: 240-17317-20 Date Sampled: 11/06/2012 1815
Client Matrix: Solid Date Received: 11/07/2012 1730

8330B Nitroaromatics and Nitramines (HPLC)

Analysis Method:	8330B	Analysis Batch:	320-6177	Instrument ID:	LC10
Prep Method:	8330B	Prep Batch:	320-6026	Initial Weight/Volume:	10.03 g
Dilution:	1.0			Final Weight/Volume:	80 mL
Analysis Date:	11/21/2012 0909			Injection Volume:	500 uL
Prep Date:	11/16/2012 1048			Result Type:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
2-Amino-4,6-dinitrotoluene		0.050	U	0.012	0.25
4-Amino-2,6-dinitrotoluene		0.050	U	0.010	0.25
1,3-Dinitrobenzene		0.050	U	0.0042	0.25
2,4-Dinitrotoluene		0.050	U	0.0053	0.25
2,6-Dinitrotoluene		0.050	U	0.0073	0.25
HMX		0.050	U	0.012	0.25
Nitrobenzene		0.050	U	0.018	0.25
Nitroglycerin		0.25	U	0.015	0.50
2-Nitrotoluene		0.050	U	0.013	0.25
3-Nitrotoluene		0.050	U	0.015	0.25
4-Nitrotoluene		0.050	U	0.018	0.25
PETN		0.25	U	0.025	0.50
RDX		0.050	U	0.012	0.25
2,4,6-Trinitrotoluene		0.050	U	0.019	0.25

Surrogate	%Rec	Qualifier	Acceptance Limits
3,4-Dinitrotoluene	97		78 - 118

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **076SD-0010-0001-SO**

Lab Sample ID: 240-17317-20 Date Sampled: 11/06/2012 1815
Client Matrix: Solid Date Received: 11/07/2012 1730

8330B Nitroaromatics and Nitramines (HPLC)

Analysis Method:	8330B	Analysis Batch:	320-6234	Instrument ID:	LC12
Prep Method:	8330B	Prep Batch:	320-6026	Initial Weight/Volume:	10.03 g
Dilution:	1.0			Final Weight/Volume:	80 mL
Analysis Date:	11/22/2012 0243			Injection Volume:	500 uL
Prep Date:	11/16/2012 1048			Result Type:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Tetryl		0.050	U	0.010	0.25
1,3,5-Trinitrobenzene		0.050	U	0.010	0.25

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **076SD-0010-0001-SO**

Lab Sample ID: 240-17317-20 Date Sampled: 11/06/2012 1815
Client Matrix: Solid Date Received: 11/07/2012 1730

8330B Nitroaromatics and Nitramines (HPLC)

Analysis Method:	8330B	Analysis Batch:	320-6234	Instrument ID:	LC12
Prep Method:	8330B	Prep Batch:	320-6026	Initial Weight/Volume:	10.03 g
Dilution:	1.0			Final Weight/Volume:	80 mL
Analysis Date:	11/22/2012 0243			Injection Volume:	500 uL
Prep Date:	11/16/2012 1048			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
3,4-Dinitrotoluene	101	M	78 - 118

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **076SD-0011-0001-SO**

Lab Sample ID: 240-17317-21 Date Sampled: 11/06/2012 1825
Client Matrix: Solid Date Received: 11/07/2012 1730

8330B Nitroaromatics and Nitramines (HPLC)

Analysis Method:	8330B	Analysis Batch:	320-6177	Instrument ID:	LC10
Prep Method:	8330B	Prep Batch:	320-6026	Initial Weight/Volume:	10.35 g
Dilution:	1.0			Final Weight/Volume:	80 mL
Analysis Date:	11/21/2012 0950			Injection Volume:	500 uL
Prep Date:	11/16/2012 1048			Result Type:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
2-Amino-4,6-dinitrotoluene		0.048	U	0.012	0.24
4-Amino-2,6-dinitrotoluene		0.048	U	0.0097	0.24
1,3-Dinitrobenzene		0.048	U	0.0041	0.24
2,4-Dinitrotoluene		0.048	U	0.0051	0.24
2,6-Dinitrotoluene		0.048	U	0.0071	0.24
HMX		0.048	U	0.012	0.24
Nitrobenzene		0.048	U	0.017	0.24
Nitroglycerin		0.24	U	0.014	0.48
2-Nitrotoluene		0.048	U	0.013	0.24
3-Nitrotoluene		0.048	U	0.015	0.24
4-Nitrotoluene		0.048	U	0.018	0.24
PETN		0.24	U	0.024	0.48
RDX		0.048	U	0.012	0.24
Tetryl		0.052	J	0.0097	0.24
1,3,5-Trinitrobenzene		0.048	U	0.0097	0.24
2,4,6-Trinitrotoluene		0.048	U	0.019	0.24

Surrogate	%Rec	Qualifier	Acceptance Limits
3,4-Dinitrotoluene	99		78 - 118

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **076SD-0011-0001-SO**

Lab Sample ID: 240-17317-21 Date Sampled: 11/06/2012 1825
Client Matrix: Solid Date Received: 11/07/2012 1730

8330B Nitroaromatics and Nitramines (HPLC)

Analysis Method:	8330B	Analysis Batch:	320-6234	Instrument ID:	LC12
Prep Method:	8330B	Prep Batch:	320-6026	Initial Weight/Volume:	10.35 g
Dilution:	1.0			Final Weight/Volume:	80 mL
Analysis Date:	11/22/2012 0454			Injection Volume:	500 uL
Prep Date:	11/16/2012 1048			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
3,4-Dinitrotoluene	121	Q	78 - 118

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **076SD-0012-0001-SO**

Lab Sample ID: 240-17317-22 Date Sampled: 11/06/2012 1830
Client Matrix: Solid Date Received: 11/07/2012 1730

8330B Nitroaromatics and Nitramines (HPLC)

Analysis Method:	8330B	Analysis Batch:	320-6177	Instrument ID:	LC10
Prep Method:	8330B	Prep Batch:	320-6026	Initial Weight/Volume:	10.26 g
Dilution:	1.0			Final Weight/Volume:	80 mL
Analysis Date:	11/21/2012 1030			Injection Volume:	500 uL
Prep Date:	11/16/2012 1048			Result Type:	PRIMARY

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
2-Amino-4,6-dinitrotoluene		0.049	U	0.012	0.24
4-Amino-2,6-dinitrotoluene		0.049	U	0.0097	0.24
1,3-Dinitrobenzene		0.049	U	0.0041	0.24
2,4-Dinitrotoluene		0.049	U	0.0052	0.24
2,6-Dinitrotoluene		0.049	U	0.0071	0.24
HMX		0.049	U	0.012	0.24
Nitrobenzene		0.049	U	0.017	0.24
Nitroglycerin		0.14	J	0.015	0.49
2-Nitrotoluene		0.049	U	0.013	0.24
3-Nitrotoluene		0.049	U	0.015	0.24
4-Nitrotoluene		0.049	U	0.018	0.24
PETN		0.24	U	0.024	0.49
RDX		0.049	U	0.012	0.24
Tetryl		0.037	J	0.0097	0.24
1,3,5-Trinitrobenzene		0.049	U	0.0097	0.24
2,4,6-Trinitrotoluene		0.049	U	0.019	0.24

Surrogate	%Rec	Qualifier	Acceptance Limits
3,4-Dinitrotoluene	98		78 - 118

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **076SD-0012-0001-SO**

Lab Sample ID: 240-17317-22 Date Sampled: 11/06/2012 1830
Client Matrix: Solid Date Received: 11/07/2012 1730

8330B Nitroaromatics and Nitramines (HPLC)

Analysis Method:	8330B	Analysis Batch:	320-6234	Instrument ID:	LC12
Prep Method:	8330B	Prep Batch:	320-6026	Initial Weight/Volume:	10.26 g
Dilution:	1.0			Final Weight/Volume:	80 mL
Analysis Date:	11/22/2012 0600			Injection Volume:	500 uL
Prep Date:	11/16/2012 1048			Result Type:	SECONDARY

Surrogate	%Rec	Qualifier	Acceptance Limits
3,4-Dinitrotoluene	108	M	78 - 118

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **076SS-0002M-0001-SO**

Lab Sample ID: 240-17317-1 Date Sampled: 11/06/2012 0840
Client Matrix: Solid Date Received: 11/07/2012 1730

6020/DOD Metals (ICP/MS)

Analysis Method:	6020/DOD	Analysis Batch:	240-65867	Instrument ID:	I8
Prep Method:	3050B	Prep Batch:	240-65145	Lab File ID:	I8112012A.csv
Dilution:	1.0	Leach Batch:	240-64879	Initial Weight/Volume:	1.05 g
Analysis Date:	11/20/2012 1311			Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1009				
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Aluminum		8900		2.4	9.5
Arsenic		15		0.050	0.48
Beryllium		0.66		0.0033	0.095
Cadmium		0.33		0.0030	0.19
Calcium		4500		38	190
Chromium		17		0.15	0.48
Cobalt		7.5		0.0043	0.095
Copper		20		0.10	0.38
Iron		20000		10	48
Magnesium		2400		8.5	95
Manganese		460		0.15	0.48
Nickel		24		0.082	0.48
Potassium		650		3.6	95
Selenium		0.71		0.020	0.48
Silver		0.046	J	0.015	0.095
Sodium		47	J	13	95
Vanadium		15		0.041	0.48
Zinc		61		0.95	3.8

Analysis Method:	6020/DOD	Analysis Batch:	240-66205	Instrument ID:	I8
Prep Method:	3050B	Prep Batch:	240-65145	Lab File ID:	I8112312A.csv
Dilution:	5.0	Leach Batch:	240-64879	Initial Weight/Volume:	1.05 g
Analysis Date:	11/23/2012 1233			Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1009				
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Antimony		0.43	J D	0.30	0.95
Barium		62	D	0.62	2.4
Lead		37	D	0.34	1.4
Thallium		0.71	U	0.27	0.95

7471/DOD Mercury (CVAA)

Analysis Method:	7471/DOD	Analysis Batch:	240-65450	Instrument ID:	H1
Prep Method:	7471A	Prep Batch:	240-65191	Lab File ID:	111612A-HG1.PRN
Dilution:	1.0	Leach Batch:	240-64879	Initial Weight/Volume:	0.55 g
Analysis Date:	11/16/2012 1822			Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1440				
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **076SS-0002M-0001-SO**

Lab Sample ID: 240-17317-1 Date Sampled: 11/06/2012 0840
Client Matrix: Solid Date Received: 11/07/2012 1730

7471/DOD Mercury (CVAA)

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Hg		0.099	J	0.015	0.11

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **076SS-0001M-0001-SO**

Lab Sample ID: 240-17317-2 Date Sampled: 11/06/2012 0923
Client Matrix: Solid Date Received: 11/07/2012 1730

6020/DOD Metals (ICP/MS)

Analysis Method:	6020/DOD	Analysis Batch:	240-65867	Instrument ID:	I8
Prep Method:	3050B	Prep Batch:	240-65145	Lab File ID:	I8112012A.csv
Dilution:	1.0	Leach Batch:	240-64879	Initial Weight/Volume:	1.22 g
Analysis Date:	11/20/2012 1328			Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1009				
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Aluminum		13000		2.0	8.2
Antimony		0.31		0.051	0.16
Arsenic		12		0.043	0.41
Barium		130		0.11	0.41
Beryllium		1.7		0.0029	0.082
Cadmium		1.1		0.0025	0.16
Chromium		27		0.13	0.41
Cobalt		6.1		0.0037	0.082
Copper		17		0.090	0.33
Iron		20000		8.9	41
Lead		55		0.058	0.25
Magnesium		7400		7.3	82
Nickel		27		0.071	0.41
Potassium		840		3.1	82
Selenium		0.87		0.017	0.41
Silver		0.047	J	0.013	0.082
Sodium		180		11	82
Thallium		0.17		0.046	0.16
Vanadium		14		0.035	0.41
Zinc		86		0.82	3.3

Analysis Method:	6020/DOD	Analysis Batch:	240-66205	Instrument ID:	I8
Prep Method:	3050B	Prep Batch:	240-65145	Lab File ID:	I8112312A.csv
Dilution:	5.0	Leach Batch:	240-64879	Initial Weight/Volume:	1.22 g
Analysis Date:	11/23/2012 1238			Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1009				
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Calcium		44000	D	160	820
Manganese		1300	D	0.66	2.0

7471/DOD Mercury (CVAA)

Analysis Method:	7471/DOD	Analysis Batch:	240-65450	Instrument ID:	H1
Prep Method:	7471A	Prep Batch:	240-65191	Lab File ID:	111612A-HG1.PRN
Dilution:	1.0	Leach Batch:	240-64879	Initial Weight/Volume:	0.57 g
Analysis Date:	11/16/2012 1823			Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1440				
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **076SS-0001M-0001-SO**

Lab Sample ID: 240-17317-2 Date Sampled: 11/06/2012 0923
Client Matrix: Solid Date Received: 11/07/2012 1730

7471/DOD Mercury (CVAA)

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Hg		0.084	J	0.015	0.11

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **076SS-0005M-0001-SO**

Lab Sample ID: 240-17317-3 Date Sampled: 11/06/2012 1830
Client Matrix: Solid Date Received: 11/07/2012 1730

6020/DOD Metals (ICP/MS)

Analysis Method:	6020/DOD	Analysis Batch:	240-65867	Instrument ID:	I8
Prep Method:	3050B	Prep Batch:	240-65145	Lab File ID:	I8112012A.csv
Dilution:	1.0	Leach Batch:	240-64879	Initial Weight/Volume:	1.17 g
Analysis Date:	11/20/2012 1333			Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1009				
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Aluminum		17000		2.1	8.5
Antimony		0.23		0.053	0.17
Arsenic		7.8		0.045	0.43
Barium		170		0.11	0.43
Beryllium		2.1		0.0030	0.085
Cadmium		0.30		0.0026	0.17
Chromium		24		0.14	0.43
Cobalt		5.3		0.0038	0.085
Copper		10		0.094	0.34
Iron		15000		9.3	43
Lead		63		0.060	0.26
Nickel		16		0.074	0.43
Potassium		1100		3.2	85
Selenium		1.2		0.018	0.43
Silver		0.037	J	0.014	0.085
Sodium		330		12	85
Thallium		0.14	J	0.048	0.17
Vanadium		16		0.037	0.43
Zinc		70		0.85	3.4

Analysis Method:	6020/DOD	Analysis Batch:	240-66205	Instrument ID:	I8
Prep Method:	3050B	Prep Batch:	240-65145	Lab File ID:	I8112312A.csv
Dilution:	10	Leach Batch:	240-64879	Initial Weight/Volume:	1.17 g
Analysis Date:	11/23/2012 1243			Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1009				
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Calcium		78000	D	340	1700
Magnesium		11000	D	76	850
Manganese		1900	D	1.4	4.3

7471/DOD Mercury (CVAA)

Analysis Method:	7471/DOD	Analysis Batch:	240-65450	Instrument ID:	H1
Prep Method:	7471A	Prep Batch:	240-65191	Lab File ID:	111612A-HG1.PRN
Dilution:	1.0	Leach Batch:	240-64879	Initial Weight/Volume:	0.67 g
Analysis Date:	11/16/2012 1825			Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1440				
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **076SS-0005M-0001-SO**

Lab Sample ID: 240-17317-3 Date Sampled: 11/06/2012 1830
Client Matrix: Solid Date Received: 11/07/2012 1730

7471/DOD Mercury (CVAA)

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Hg		0.071	J	0.013	0.090

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **076SS-0006M-0001-SO**

Lab Sample ID: 240-17317-4 Date Sampled: 11/06/2012 1800
Client Matrix: Solid Date Received: 11/07/2012 1730

6020/DOD Metals (ICP/MS)

Analysis Method:	6020/DOD	Analysis Batch:	240-65867	Instrument ID:	I8
Prep Method:	3050B	Prep Batch:	240-65145	Lab File ID:	I8112012A.csv
Dilution:	1.0	Leach Batch:	240-64879	Initial Weight/Volume:	1.29 g
Analysis Date:	11/20/2012 1337			Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1009				
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Aluminum		11000		1.9	7.8
Antimony		0.16		0.048	0.16
Arsenic		8.7		0.040	0.39
Barium		140		0.10	0.39
Beryllium		1.8		0.0027	0.078
Cadmium		0.33		0.0024	0.16
Chromium		27		0.12	0.39
Cobalt		3.7		0.0035	0.078
Copper		11		0.085	0.31
Iron		12000		8.5	39
Lead		46		0.055	0.23
Magnesium		6600		6.9	78
Nickel		19		0.067	0.39
Potassium		840		2.9	78
Selenium		1.0		0.016	0.39
Silver		0.039	J	0.012	0.078
Sodium		280		11	78
Thallium		0.12	J	0.044	0.16
Vanadium		8.5		0.033	0.39
Zinc		54		0.78	3.1

Analysis Method:	6020/DOD	Analysis Batch:	240-66205	Instrument ID:	I8
Prep Method:	3050B	Prep Batch:	240-65145	Lab File ID:	I8112312A.csv
Dilution:	10	Leach Batch:	240-64879	Initial Weight/Volume:	1.29 g
Analysis Date:	11/23/2012 1248			Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1009				
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Calcium		57000	D	310	1600
Manganese		1500	D	1.2	3.9

7471/DOD Mercury (CVAA)

Analysis Method:	7471/DOD	Analysis Batch:	240-65450	Instrument ID:	H1
Prep Method:	7471A	Prep Batch:	240-65191	Lab File ID:	111612A-HG1.PRN
Dilution:	1.0	Leach Batch:	240-64879	Initial Weight/Volume:	0.58 g
Analysis Date:	11/16/2012 1830			Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1440				
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **076SS-0006M-0001-SO**

Lab Sample ID: 240-17317-4 Date Sampled: 11/06/2012 1800
Client Matrix: Solid Date Received: 11/07/2012 1730

7471/DOD Mercury (CVAA)

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Hg		0.048	J	0.014	0.10

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **068SS-0001M-0001-SO**

Lab Sample ID: 240-17317-5 Date Sampled: 11/06/2012 1240
Client Matrix: Solid Date Received: 11/07/2012 1730

6020/DOD Metals (ICP/MS)

Analysis Method:	6020/DOD	Analysis Batch:	240-65867	Instrument ID:	I8
Prep Method:	3050B	Prep Batch:	240-65145	Lab File ID:	I8112012A.csv
Dilution:	1.0	Leach Batch:	240-64879	Initial Weight/Volume:	1.07 g
Analysis Date:	11/20/2012 1342			Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1009				
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Aluminum		13000		2.3	9.3
Antimony		0.22		0.058	0.19
Arsenic		9.3		0.049	0.47
Barium		95		0.12	0.47
Beryllium		0.90		0.0033	0.093
Cadmium		0.28		0.0029	0.19
Chromium		21		0.15	0.47
Cobalt		7.8		0.0042	0.093
Copper		16		0.10	0.37
Iron		23000		10	47
Lead		21		0.066	0.28
Magnesium		4700		8.3	93
Nickel		22		0.081	0.47
Potassium		1100		3.5	93
Selenium		0.60		0.019	0.47
Silver		0.033	J	0.015	0.093
Sodium		96		13	93
Thallium		0.15	J	0.053	0.19
Vanadium		19		0.040	0.47
Zinc		90		0.93	3.7

Analysis Method:	6020/DOD	Analysis Batch:	240-66205	Instrument ID:	I8
Prep Method:	3050B	Prep Batch:	240-65145	Lab File ID:	I8112312A.csv
Dilution:	2.0	Leach Batch:	240-64879	Initial Weight/Volume:	1.07 g
Analysis Date:	11/23/2012 1305			Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1009				
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Calcium		29000		75	370
Manganese		820		0.30	0.93

7471/DOD Mercury (CVAA)

Analysis Method:	7471/DOD	Analysis Batch:	240-65450	Instrument ID:	H1
Prep Method:	7471A	Prep Batch:	240-65191	Lab File ID:	111612A-HG1.PRN
Dilution:	1.0	Leach Batch:	240-64879	Initial Weight/Volume:	0.56 g
Analysis Date:	11/16/2012 1831			Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1440				
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **068SS-0001M-0001-SO**

Lab Sample ID: 240-17317-5 Date Sampled: 11/06/2012 1240
Client Matrix: Solid Date Received: 11/07/2012 1730

7471/DOD Mercury (CVAA)

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Hg		0.13		0.015	0.11

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **068SS-0002M-0001-SO**

Lab Sample ID: 240-17317-6 Date Sampled: 11/06/2012 1210
Client Matrix: Solid Date Received: 11/07/2012 1730

6020/DOD Metals (ICP/MS)

Analysis Method:	6020/DOD	Analysis Batch:	240-65867	Instrument ID:	I8
Prep Method:	3050B	Prep Batch:	240-65145	Lab File ID:	I8112012A.csv
Dilution:	1.0	Leach Batch:	240-64879	Initial Weight/Volume:	1.18 g
Analysis Date:	11/20/2012 1347			Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1009				
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Aluminum		11000		2.1	8.5
Antimony		0.12	J	0.053	0.17
Arsenic		11		0.044	0.42
Barium		84		0.11	0.42
Beryllium		0.80		0.0030	0.085
Cadmium		0.19		0.0026	0.17
Chromium		18		0.14	0.42
Cobalt		7.4		0.0038	0.085
Copper		14		0.093	0.34
Iron		20000		9.2	42
Lead		17		0.060	0.25
Magnesium		4000		7.5	85
Nickel		24		0.073	0.42
Potassium		850		3.2	85
Selenium		0.64		0.018	0.42
Silver		0.031	J	0.014	0.085
Sodium		82	J	12	85
Thallium		0.15	J	0.048	0.17
Vanadium		16		0.037	0.42
Zinc		74		0.85	3.4

Analysis Method:	6020/DOD	Analysis Batch:	240-66205	Instrument ID:	I8
Prep Method:	3050B	Prep Batch:	240-65145	Lab File ID:	I8112312A.csv
Dilution:	5.0	Leach Batch:	240-64879	Initial Weight/Volume:	1.18 g
Analysis Date:	11/23/2012 1310			Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1009				
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Calcium		35000	D	170	850
Manganese		690	D	0.68	2.1

7471/DOD Mercury (CVAA)

Analysis Method:	7471/DOD	Analysis Batch:	240-65450	Instrument ID:	H1
Prep Method:	7471A	Prep Batch:	240-65191	Lab File ID:	111612A-HG1.PRN
Dilution:	1.0	Leach Batch:	240-64879	Initial Weight/Volume:	0.55 g
Analysis Date:	11/16/2012 1832			Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1440				
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **068SS-0002M-0001-SO**

Lab Sample ID: 240-17317-6 Date Sampled: 11/06/2012 1210
Client Matrix: Solid Date Received: 11/07/2012 1730

7471/DOD Mercury (CVAA)

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Hg		0.13		0.015	0.11

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **068SS-0003M-0001-SO**

Lab Sample ID: 240-17317-7 Date Sampled: 11/06/2012 1200
Client Matrix: Solid Date Received: 11/07/2012 1730

6020/DOD Metals (ICP/MS)

Analysis Method:	6020/DOD	Analysis Batch:	240-65867	Instrument ID:	I8
Prep Method:	3050B	Prep Batch:	240-65145	Lab File ID:	I8112012A.csv
Dilution:	1.0	Leach Batch:	240-64879	Initial Weight/Volume:	1.17 g
Analysis Date:	11/20/2012 1352			Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1009				
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Aluminum		13000	J	2.1	8.5
Arsenic		12		0.045	0.43
Beryllium		0.87		0.0030	0.085
Cadmium		0.12	J	0.0026	0.17
Calcium		3900	J	34	170
Chromium		22		0.14	0.43
Cobalt		13		0.0038	0.085
Copper		18		0.094	0.34
Magnesium		3700		7.6	85
Nickel		28		0.074	0.43
Potassium		1200	J	3.2	85
Selenium		0.57		0.018	0.43
Silver		0.029	J	0.014	0.085
Sodium		52	J	12	85
Vanadium		21		0.037	0.43
Zinc		63		0.85	3.4

Analysis Method:	6020/DOD	Analysis Batch:	240-66205	Instrument ID:	I8
Prep Method:	3050B	Prep Batch:	240-65145	Lab File ID:	I8112312A.csv
Dilution:	5.0	Leach Batch:	240-64879	Initial Weight/Volume:	1.17 g
Analysis Date:	11/23/2012 1315			Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1009				
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Antimony		0.64	U J	0.26	0.85
Barium		95	D J	0.56	2.1
Iron		31000	D J	47	210
Lead		18	D	0.30	1.3
Manganese		520	D J	0.68	2.1
Thallium		0.64	U	0.24	0.85

7471/DOD Mercury (CVAA)

Analysis Method:	7471/DOD	Analysis Batch:	240-65450	Instrument ID:	H1
Prep Method:	7471A	Prep Batch:	240-65191	Lab File ID:	111612A-HG1.PRN
Dilution:	1.0	Leach Batch:	240-64879	Initial Weight/Volume:	0.61 g
Analysis Date:	11/16/2012 1834			Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1440				
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **068SS-0003M-0001-SO**

Lab Sample ID: 240-17317-7 Date Sampled: 11/06/2012 1200
Client Matrix: Solid Date Received: 11/07/2012 1730

7471/DOD Mercury (CVAA)

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Hg		0.046	J	0.014	0.098

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **068SS-0004M-0001-SO**

Lab Sample ID: 240-17317-8 Date Sampled: 11/06/2012 1200
Client Matrix: Solid Date Received: 11/07/2012 1730

6020/DOD Metals (ICP/MS)

Analysis Method:	6020/DOD	Analysis Batch:	240-65867	Instrument ID:	I8
Prep Method:	3050B	Prep Batch:	240-65145	Lab File ID:	I8112012A.csv
Dilution:	1.0	Leach Batch:	240-64879	Initial Weight/Volume:	1.26 g
Analysis Date:	11/20/2012 1409			Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1009				
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Arsenic		11		0.041	0.40
Beryllium		0.83		0.0028	0.079
Cadmium		0.10	J	0.0025	0.16
Calcium		3900		32	160
Manganese		280		0.13	0.40
Potassium		1600		3.0	79
Selenium		0.56		0.016	0.40
Silver		0.030	J	0.013	0.079

Analysis Method:	6020/DOD	Analysis Batch:	240-66205	Instrument ID:	I8
Prep Method:	3050B	Prep Batch:	240-65145	Lab File ID:	I8112312A.csv
Dilution:	5.0	Leach Batch:	240-64879	Initial Weight/Volume:	1.26 g
Analysis Date:	11/23/2012 1336			Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1009				
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Aluminum		16000	D	9.9	40
Antimony		0.60	U	0.25	0.79
Barium		83	D	0.52	2.0
Chromium		24	D	0.63	2.0
Cobalt		11	D	0.018	0.40
Copper		22	D	0.44	1.6
Iron		29000	D	43	200
Lead		16	D	0.28	1.2
Magnesium		4500	D	35	400
Nickel		33	D	0.34	2.0
Sodium		72	J D	56	400
Thallium		0.26	J D	0.22	0.79
Vanadium		24	D	0.17	2.0
Zinc		74	D	4.0	16

7471/DOD Mercury (CVAA)

Analysis Method:	7471/DOD	Analysis Batch:	240-65450	Instrument ID:	H1
Prep Method:	7471A	Prep Batch:	240-65191	Lab File ID:	111612A-HG1.PRN
Dilution:	1.0	Leach Batch:	240-64879	Initial Weight/Volume:	0.53 g
Analysis Date:	11/16/2012 1838			Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1440				
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **068SS-0004M-0001-SO**

Lab Sample ID: 240-17317-8 Date Sampled: 11/06/2012 1200
Client Matrix: Solid Date Received: 11/07/2012 1730

7471/DOD Mercury (CVAA)

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Hg		0.048	J	0.016	0.11

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **076SS-0004M-0001-SO**

Lab Sample ID: 240-17317-9 Date Sampled: 11/06/2012 1000
Client Matrix: Solid Date Received: 11/07/2012 1730

6020/DOD Metals (ICP/MS)

Analysis Method:	6020/DOD	Analysis Batch:	240-65867	Instrument ID:	I8
Prep Method:	3050B	Prep Batch:	240-65145	Lab File ID:	I8112012A.csv
Dilution:	1.0	Leach Batch:	240-64879	Initial Weight/Volume:	1.01 g
Analysis Date:	11/20/2012 1414			Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1009				
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Aluminum		9800		2.5	9.9
Antimony		0.21		0.061	0.20
Arsenic		15		0.052	0.50
Barium		73		0.13	0.50
Beryllium		0.82		0.0035	0.099
Cadmium		0.59		0.0031	0.20
Calcium		9700		40	200
Chromium		22		0.16	0.50
Cobalt		7.0		0.0045	0.099
Copper		18		0.11	0.40
Iron		22000		11	50
Lead		33		0.070	0.30
Magnesium		3000		8.8	99
Nickel		22		0.086	0.50
Potassium		710		3.7	99
Selenium		0.65		0.020	0.50
Silver		0.051	J	0.016	0.099
Sodium		74	J	14	99
Thallium		0.18	J	0.056	0.20
Vanadium		16		0.043	0.50
Zinc		97		0.99	4.0

Analysis Method:	6020/DOD	Analysis Batch:	240-66205	Instrument ID:	I8
Prep Method:	3050B	Prep Batch:	240-65145	Lab File ID:	I8112312A.csv
Dilution:	5.0	Leach Batch:	240-64879	Initial Weight/Volume:	1.01 g
Analysis Date:	11/23/2012 1341			Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1009				
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Manganese		690	D	0.79	2.5

7471/DOD Mercury (CVAA)

Analysis Method:	7471/DOD	Analysis Batch:	240-65450	Instrument ID:	H1
Prep Method:	7471A	Prep Batch:	240-65191	Lab File ID:	111612A-HG1.PRN
Dilution:	1.0	Leach Batch:	240-64879	Initial Weight/Volume:	0.62 g
Analysis Date:	11/16/2012 1839			Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1440				
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **076SS-0004M-0001-SO**

Lab Sample ID: 240-17317-9 Date Sampled: 11/06/2012 1000
Client Matrix: Solid Date Received: 11/07/2012 1730

7471/DOD Mercury (CVAA)

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Hg		0.060	J	0.014	0.097

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **076SS-0003M-0001-SO**

Lab Sample ID: 240-17317-10 Date Sampled: 11/06/2012 0920
Client Matrix: Solid Date Received: 11/07/2012 1730

6020/DOD Metals (ICP/MS)

Analysis Method:	6020/DOD	Analysis Batch:	240-65867	Instrument ID:	I8
Prep Method:	3050B	Prep Batch:	240-65145	Lab File ID:	I8112012A.csv
Dilution:	1.0	Leach Batch:	240-64879	Initial Weight/Volume:	1.12 g
Analysis Date:	11/20/2012 1431			Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1009				
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Aluminum		9100		2.2	8.9
Antimony		0.24		0.055	0.18
Arsenic		13		0.047	0.45
Barium		98		0.12	0.45
Beryllium		0.64		0.0031	0.089
Cadmium		0.47		0.0028	0.18
Calcium		6800		36	180
Chromium		22		0.14	0.45
Cobalt		7.3		0.0040	0.089
Copper		17		0.098	0.36
Iron		22000		9.7	45
Lead		34		0.063	0.27
Magnesium		2700		7.9	89
Nickel		24		0.077	0.45
Potassium		690		3.4	89
Selenium		0.57		0.018	0.45
Silver		0.052	J	0.014	0.089
Sodium		54	J	13	89
Thallium		0.15	J	0.050	0.18
Vanadium		16		0.039	0.45
Zinc		96		0.89	3.6

Analysis Method:	6020/DOD	Analysis Batch:	240-66205	Instrument ID:	I8
Prep Method:	3050B	Prep Batch:	240-65145	Lab File ID:	I8112312A.csv
Dilution:	5.0	Leach Batch:	240-64879	Initial Weight/Volume:	1.12 g
Analysis Date:	11/23/2012 1346			Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1009				
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Manganese		580	D	0.71	2.2

7471/DOD Mercury (CVAA)

Analysis Method:	7471/DOD	Analysis Batch:	240-65450	Instrument ID:	H1
Prep Method:	7471A	Prep Batch:	240-65191	Lab File ID:	111612A-HG1.PRN
Dilution:	1.0	Leach Batch:	240-64879	Initial Weight/Volume:	0.55 g
Analysis Date:	11/16/2012 1841			Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1440				
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **076SS-0003M-0001-SO**

Lab Sample ID: 240-17317-10 Date Sampled: 11/06/2012 0920
Client Matrix: Solid Date Received: 11/07/2012 1730

7471/DOD Mercury (CVAA)

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Hg		0.062	J	0.015	0.11

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **068SS-0005M-0001-SO**

Lab Sample ID: 240-17317-14 Date Sampled: 11/06/2012 1350
Client Matrix: Solid Date Received: 11/07/2012 1730

6020/DOD Metals (ICP/MS)

Analysis Method:	6020/DOD	Analysis Batch:	240-65867	Instrument ID:	I8
Prep Method:	3050B	Prep Batch:	240-65145	Lab File ID:	I8112012A.csv
Dilution:	1.0	Leach Batch:	240-64879	Initial Weight/Volume:	1.28 g
Analysis Date:	11/20/2012 1436			Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1009				
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Aluminum		11000		1.9	7.8
Antimony		0.088	J	0.048	0.16
Arsenic		16		0.041	0.39
Barium		81		0.10	0.39
Beryllium		0.79		0.0027	0.078
Cadmium		0.18		0.0024	0.16
Calcium		22000		31	160
Chromium		18		0.13	0.39
Cobalt		7.5		0.0035	0.078
Copper		13		0.086	0.31
Iron		23000		8.5	39
Lead		12		0.055	0.23
Magnesium		3100		7.0	78
Nickel		18		0.068	0.39
Potassium		760		2.9	78
Selenium		0.53		0.016	0.39
Silver		0.025	J	0.013	0.078
Sodium		66	J	11	78
Thallium		0.14	J	0.044	0.16
Vanadium		18		0.034	0.39

Analysis Method:	6020/DOD	Analysis Batch:	240-66205	Instrument ID:	I8
Prep Method:	3050B	Prep Batch:	240-65145	Lab File ID:	I8112312A.csv
Dilution:	10	Leach Batch:	240-64879	Initial Weight/Volume:	1.28 g
Analysis Date:	11/23/2012 1351			Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1009				
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Manganese		990	D	1.3	3.9
Zinc		210	D	7.8	31

7471/DOD Mercury (CVAA)

Analysis Method:	7471/DOD	Analysis Batch:	240-65450	Instrument ID:	H1
Prep Method:	7471A	Prep Batch:	240-65191	Lab File ID:	111612A-HG1.PRN
Dilution:	1.0	Leach Batch:	240-64879	Initial Weight/Volume:	0.59 g
Analysis Date:	11/16/2012 1842			Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1440				
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **068SS-0005M-0001-SO**

Lab Sample ID: 240-17317-14 Date Sampled: 11/06/2012 1350
Client Matrix: Solid Date Received: 11/07/2012 1730

7471/DOD Mercury (CVAA)

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Hg		0.049	J	0.014	0.10

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **068SS-0006M-0001-SO**

Lab Sample ID: 240-17317-15 Date Sampled: 11/06/2012 1545
Client Matrix: Solid Date Received: 11/07/2012 1730

6020/DOD Metals (ICP/MS)

Analysis Method:	6020/DOD	Analysis Batch:	240-65867	Instrument ID:	I8
Prep Method:	3050B	Prep Batch:	240-65145	Lab File ID:	I8112012A.csv
Dilution:	1.0	Leach Batch:	240-64879	Initial Weight/Volume:	1.19 g
Analysis Date:	11/20/2012 1441			Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1009				
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Aluminum		10000		2.1	8.4
Antimony		0.11	J	0.052	0.17
Arsenic		12		0.044	0.42
Barium		73		0.11	0.42
Beryllium		0.62		0.0029	0.084
Cadmium		0.24		0.0026	0.17
Calcium		6100		34	170
Chromium		18		0.13	0.42
Cobalt		9.7		0.0038	0.084
Copper		24		0.092	0.34
Iron		21000		9.2	42
Lead		15		0.059	0.25
Magnesium		2500		7.5	84
Nickel		22		0.073	0.42
Potassium		750		3.2	84
Selenium		0.59		0.017	0.42
Silver		0.033	J	0.013	0.084
Sodium		46	J	12	84
Thallium		0.16	J	0.047	0.17
Vanadium		18		0.036	0.42
Zinc		110		0.84	3.4

Analysis Method:	6020/DOD	Analysis Batch:	240-66205	Instrument ID:	I8
Prep Method:	3050B	Prep Batch:	240-65145	Lab File ID:	I8112312A.csv
Dilution:	10	Leach Batch:	240-64879	Initial Weight/Volume:	1.19 g
Analysis Date:	11/23/2012 1408			Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1009				
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Manganese		1300	D	1.3	4.2

7471/DOD Mercury (CVAA)

Analysis Method:	7471/DOD	Analysis Batch:	240-65450	Instrument ID:	H1
Prep Method:	7471A	Prep Batch:	240-65191	Lab File ID:	111612A-HG1.PRN
Dilution:	1.0	Leach Batch:	240-64879	Initial Weight/Volume:	0.65 g
Analysis Date:	11/16/2012 1847			Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1440				
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **068SS-0006M-0001-SO**

Lab Sample ID: 240-17317-15 Date Sampled: 11/06/2012 1545
Client Matrix: Solid Date Received: 11/07/2012 1730

7471/DOD Mercury (CVAA)

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Hg		0.059	J	0.013	0.092

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **068SS-0007M-0001-SO**

Lab Sample ID: 240-17317-16 Date Sampled: 11/06/2012 1615
Client Matrix: Solid Date Received: 11/07/2012 1730

6020/DOD Metals (ICP/MS)

Analysis Method:	6020/DOD	Analysis Batch:	240-65867	Instrument ID:	I8
Prep Method:	3050B	Prep Batch:	240-65145	Lab File ID:	I8112012A.csv
Dilution:	1.0	Leach Batch:	240-64879	Initial Weight/Volume:	1.22 g
Analysis Date:	11/20/2012 1446			Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1009				
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Aluminum		12000		2.0	8.2
Antimony		0.095	J	0.051	0.16
Arsenic		10		0.043	0.41
Barium		79		0.11	0.41
Beryllium		0.65		0.0029	0.082
Cadmium		0.13	J	0.0025	0.16
Calcium		4600		33	160
Chromium		17		0.13	0.41
Cobalt		9.4		0.0037	0.082
Copper		11		0.090	0.33
Iron		22000		8.9	41
Lead		14		0.058	0.25
Magnesium		2500		7.3	82
Nickel		16		0.071	0.41
Potassium		790		3.1	82
Selenium		0.58		0.017	0.41
Silver		0.044	J	0.013	0.082
Sodium		42	J	11	82
Thallium		0.16		0.046	0.16
Vanadium		22		0.035	0.41
Zinc		53		0.82	3.3

Analysis Method:	6020/DOD	Analysis Batch:	240-66205	Instrument ID:	I8
Prep Method:	3050B	Prep Batch:	240-65145	Lab File ID:	I8112312A.csv
Dilution:	10	Leach Batch:	240-64879	Initial Weight/Volume:	1.22 g
Analysis Date:	11/23/2012 1413			Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1009				
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Manganese		1100	D	1.3	4.1

7471/DOD Mercury (CVAA)

Analysis Method:	7471/DOD	Analysis Batch:	240-65450	Instrument ID:	H1
Prep Method:	7471A	Prep Batch:	240-65191	Lab File ID:	111612A-HG1.PRN
Dilution:	1.0	Leach Batch:	240-64879	Initial Weight/Volume:	0.63 g
Analysis Date:	11/16/2012 1848			Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1440				
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **068SS-0007M-0001-SO**

Lab Sample ID: 240-17317-16 Date Sampled: 11/06/2012 1615
Client Matrix: Solid Date Received: 11/07/2012 1730

7471/DOD Mercury (CVAA)

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Hg		0.068	J	0.013	0.095

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **068SS-0008M-0001-SO**

Lab Sample ID: 240-17317-17 Date Sampled: 11/06/2012 1510
Client Matrix: Solid Date Received: 11/07/2012 1730

6020/DOD Metals (ICP/MS)

Analysis Method:	6020/DOD	Analysis Batch:	240-65867	Instrument ID:	I8
Prep Method:	3050B	Prep Batch:	240-65145	Lab File ID:	I8112012A.csv
Dilution:	1.0	Leach Batch:	240-64879	Initial Weight/Volume:	1.25 g
Analysis Date:	11/20/2012 1451			Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1009				
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Aluminum		13000		2.0	8.0
Arsenic		13		0.042	0.40
Beryllium		1.0		0.0028	0.080
Cadmium		0.29		0.0025	0.16
Calcium		7300		32	160
Chromium		21		0.13	0.40
Cobalt		9.9		0.0036	0.080
Copper		20		0.088	0.32
Iron		23000		8.7	40
Magnesium		3600		7.1	80
Nickel		22		0.069	0.40
Potassium		1200		3.0	80
Selenium		0.90		0.017	0.40
Silver		0.039	J	0.013	0.080
Sodium		76	J	11	80
Vanadium		20		0.035	0.40
Zinc		120		0.80	3.2

Analysis Method:	6020/DOD	Analysis Batch:	240-66205	Instrument ID:	I8
Prep Method:	3050B	Prep Batch:	240-65145	Lab File ID:	I8112312A.csv
Dilution:	5.0	Leach Batch:	240-64879	Initial Weight/Volume:	1.25 g
Analysis Date:	11/23/2012 1418			Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1009				
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Antimony		0.60	U	0.25	0.80
Barium		89	D	0.52	2.0
Lead		28	D	0.28	1.2
Manganese		640	D	0.64	2.0
Thallium		0.60	U	0.22	0.80

7471/DOD Mercury (CVAA)

Analysis Method:	7471/DOD	Analysis Batch:	240-65450	Instrument ID:	H1
Prep Method:	7471A	Prep Batch:	240-65191	Lab File ID:	111612A-HG1.PRN
Dilution:	1.0	Leach Batch:	240-64879	Initial Weight/Volume:	0.61 g
Analysis Date:	11/16/2012 1850			Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1440				
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **068SS-0008M-0001-SO**

Lab Sample ID: 240-17317-17 Date Sampled: 11/06/2012 1510
Client Matrix: Solid Date Received: 11/07/2012 1730

7471/DOD Mercury (CVAA)

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Hg		0.088	J	0.014	0.098

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **076SD-0008-0001-SO**

Lab Sample ID: 240-17317-18 Date Sampled: 11/06/2012 1810
Client Matrix: Solid Date Received: 11/07/2012 1730

6020/DOD Metals (ICP/MS)

Analysis Method:	6020/DOD	Analysis Batch:	240-65867	Instrument ID:	I8
Prep Method:	3050B	Prep Batch:	240-65145	Lab File ID:	I8112012A.csv
Dilution:	1.0	Leach Batch:	240-64879	Initial Weight/Volume:	1.15 g
Analysis Date:	11/20/2012 1456			Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1009				
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Aluminum		9100		2.2	8.7
Arsenic		9.4		0.045	0.43
Beryllium		0.54		0.0030	0.087
Cadmium		0.21		0.0027	0.17
Calcium		1600		35	170
Chromium		15		0.14	0.43
Cobalt		9.6		0.0039	0.087
Copper		15		0.096	0.35
Iron		17000		9.5	43
Magnesium		1900		7.7	87
Manganese		330		0.14	0.43
Nickel		18		0.075	0.43
Potassium		790		3.3	87
Selenium		0.65		0.018	0.43
Silver		0.039	J	0.014	0.087
Sodium		42	J	12	87
Vanadium		16		0.038	0.43
Zinc		58		0.87	3.5

Analysis Method:	6020/DOD	Analysis Batch:	240-66205	Instrument ID:	I8
Prep Method:	3050B	Prep Batch:	240-65145	Lab File ID:	I8112312A.csv
Dilution:	5.0	Leach Batch:	240-64879	Initial Weight/Volume:	1.15 g
Analysis Date:	11/23/2012 1423			Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1009				
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Antimony		0.65	U	0.27	0.87
Barium		65	D	0.57	2.2
Lead		29	D	0.31	1.3
Thallium		0.65	U	0.24	0.87

7471/DOD Mercury (CVAA)

Analysis Method:	7471/DOD	Analysis Batch:	240-65450	Instrument ID:	H1
Prep Method:	7471A	Prep Batch:	240-65191	Lab File ID:	111612A-HG1.PRN
Dilution:	1.0	Leach Batch:	240-64879	Initial Weight/Volume:	0.62 g
Analysis Date:	11/16/2012 1852			Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1440				
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **076SD-0008-0001-SO**

Lab Sample ID: 240-17317-18 Date Sampled: 11/06/2012 1810
Client Matrix: Solid Date Received: 11/07/2012 1730

7471/DOD Mercury (CVAA)

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Hg		0.061	J	0.014	0.097

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **076SD-0009-0001-SO**

Lab Sample ID: 240-17317-19 Date Sampled: 11/06/2012 1815
Client Matrix: Solid Date Received: 11/07/2012 1730

6020/DOD Metals (ICP/MS)

Analysis Method:	6020/DOD	Analysis Batch:	240-65867	Instrument ID:	I8
Prep Method:	3050B	Prep Batch:	240-65145	Lab File ID:	I8112012A.csv
Dilution:	1.0	Leach Batch:	240-64879	Initial Weight/Volume:	1.04 g
Analysis Date:	11/20/2012 1501			Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1009				
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Aluminum		7500	J	2.4	9.6
Arsenic		9.5		0.050	0.48
Beryllium		0.45		0.0034	0.096
Cadmium		0.16	J	0.0030	0.19
Calcium		1800	J	39	190
Chromium		44		0.15	0.48
Cobalt		7.3		0.0043	0.096
Copper		15		0.11	0.38
Iron		19000	J	10	48
Magnesium		1800		8.6	96
Manganese		310		0.15	0.48
Nickel		30		0.083	0.48
Potassium		590		3.6	96
Selenium		0.52		0.020	0.48
Silver		0.029	J	0.015	0.096
Sodium		49	J	13	96
Vanadium		14		0.042	0.48
Zinc		49		0.96	3.8

Analysis Method:	6020/DOD	Analysis Batch:	240-66205	Instrument ID:	I8
Prep Method:	3050B	Prep Batch:	240-65145	Lab File ID:	I8112312A.csv
Dilution:	5.0	Leach Batch:	240-64879	Initial Weight/Volume:	1.04 g
Analysis Date:	11/23/2012 1428			Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1009				
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Antimony		0.72	U J	0.30	0.96
Barium		57	D	0.63	2.4
Lead		19	D	0.34	1.4
Thallium		0.72	U	0.27	0.96

7471/DOD Mercury (CVAA)

Analysis Method:	7471/DOD	Analysis Batch:	240-65450	Instrument ID:	H1
Prep Method:	7471A	Prep Batch:	240-65191	Lab File ID:	111612A-HG1.PRN
Dilution:	1.0	Leach Batch:	240-64879	Initial Weight/Volume:	0.63 g
Analysis Date:	11/16/2012 1853			Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1440				
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **076SD-0009-0001-SO**

Lab Sample ID: 240-17317-19 Date Sampled: 11/06/2012 1815
Client Matrix: Solid Date Received: 11/07/2012 1730

7471/DOD Mercury (CVAA)

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Hg		0.053	J	0.013	0.095

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **076SD-0010-0001-SO**

Lab Sample ID: 240-17317-20 Date Sampled: 11/06/2012 1815
Client Matrix: Solid Date Received: 11/07/2012 1730

6020/DOD Metals (ICP/MS)

Analysis Method:	6020/DOD	Analysis Batch:	240-65867	Instrument ID:	I8
Prep Method:	3050B	Prep Batch:	240-65145	Lab File ID:	I8112012A.csv
Dilution:	1.0	Leach Batch:	240-64879	Initial Weight/Volume:	1.03 g
Analysis Date:	11/20/2012 1518			Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1009				
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Arsenic		9.7		0.051	0.49
Beryllium		0.46		0.0034	0.097
Cadmium		0.16	J	0.0030	0.19
Selenium		0.54		0.020	0.49
Silver		0.029	J	0.016	0.097

Analysis Method:	6020/DOD	Analysis Batch:	240-66205	Instrument ID:	I8
Prep Method:	3050B	Prep Batch:	240-65145	Lab File ID:	I8112312A.csv
Dilution:	5.0	Leach Batch:	240-64879	Initial Weight/Volume:	1.03 g
Analysis Date:	11/23/2012 1443			Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1009				
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Aluminum		8500	D	12	49
Antimony		0.73	U	0.30	0.97
Barium		58	D	0.63	2.4
Calcium		2100	D	190	970
Chromium		25	D	0.78	2.4
Cobalt		8.0	D	0.022	0.49
Copper		16	D	0.53	1.9
Iron		21000	D	53	240
Lead		19	D	0.34	1.5
Magnesium		2000	D	43	490
Manganese		360	D	0.78	2.4
Nickel		22	D	0.42	2.4
Potassium		670	D	18	490
Sodium		190	U	68	490
Thallium		0.73	U	0.27	0.97
Vanadium		15	D	0.21	2.4
Zinc		59	D	4.9	19

7471/DOD Mercury (CVAA)

Analysis Method:	7471/DOD	Analysis Batch:	240-65450	Instrument ID:	H1
Prep Method:	7471A	Prep Batch:	240-65191	Lab File ID:	111612A-HG1.PRN
Dilution:	1.0	Leach Batch:	240-64879	Initial Weight/Volume:	0.56 g
Analysis Date:	11/16/2012 1857			Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1440				
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **076SD-0010-0001-SO**

Lab Sample ID: 240-17317-20 Date Sampled: 11/06/2012 1815
Client Matrix: Solid Date Received: 11/07/2012 1730

7471/DOD Mercury (CVAA)

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Hg		0.059	J	0.015	0.11

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **076SD-0011-0001-SO**

Lab Sample ID: 240-17317-21 Date Sampled: 11/06/2012 1825
Client Matrix: Solid Date Received: 11/07/2012 1730

6020/DOD Metals (ICP/MS)

Analysis Method:	6020/DOD	Analysis Batch:	240-66205	Instrument ID:	I8
Prep Method:	3050B	Prep Batch:	240-65198	Lab File ID:	I8112312A.csv
Dilution:	1.0	Leach Batch:	240-64879	Initial Weight/Volume:	1.04 g
Analysis Date:	11/23/2012 1552			Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1219				
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Aluminum		9800		2.4	9.6
Antimony		0.99		0.060	0.19
Arsenic		7.8		0.050	0.48
Barium		190		0.13	0.48
Beryllium		0.49		0.0034	0.096
Cadmium		1.9		0.0030	0.19
Calcium		3000		39	190
Chromium		23		0.15	0.48
Cobalt		6.1		0.0043	0.096
Copper		32		0.11	0.38
Iron		22000		10	48
Lead		100		0.068	0.29
Magnesium		1500		8.6	96
Manganese		330		0.15	0.48
Nickel		23		0.083	0.48
Potassium		830		3.6	96
Selenium		0.74		0.020	0.48
Silver		0.16		0.015	0.096
Sodium		110		13	96
Thallium		0.21		0.054	0.19
Vanadium		17		0.042	0.48
Zinc		390		0.96	3.8

7471/DOD Mercury (CVAA)

Analysis Method:	7471/DOD	Analysis Batch:	240-65450	Instrument ID:	H1
Prep Method:	7471A	Prep Batch:	240-65204	Lab File ID:	111612A-HG1.PRN
Dilution:	1.0	Leach Batch:	240-64879	Initial Weight/Volume:	0.64 g
Analysis Date:	11/16/2012 1908			Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1440				
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Hg		0.097		0.013	0.094

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **076SD-0012-0001-SO**

Lab Sample ID: 240-17317-22 Date Sampled: 11/06/2012 1830
Client Matrix: Solid Date Received: 11/07/2012 1730

6020/DOD Metals (ICP/MS)

Analysis Method:	6020/DOD	Analysis Batch:	240-66205	Instrument ID:	I8
Prep Method:	3050B	Prep Batch:	240-65198	Lab File ID:	I8112312A.csv
Dilution:	1.0	Leach Batch:	240-64879	Initial Weight/Volume:	1.02 g
Analysis Date:	11/23/2012 1609			Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1219				
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Aluminum		8200		2.4	9.8
Antimony		0.46		0.061	0.20
Arsenic		7.1		0.051	0.49
Barium		63		0.13	0.49
Beryllium		0.40		0.0034	0.098
Cadmium		0.41		0.0030	0.20
Calcium		1700		39	200
Chromium		16		0.16	0.49
Cobalt		5.1		0.0044	0.098
Copper		16		0.11	0.39
Iron		17000		11	49
Lead		49		0.069	0.29
Magnesium		1500		8.7	98
Manganese		270		0.16	0.49
Nickel		12		0.085	0.49
Potassium		460		3.7	98
Selenium		0.45	J	0.020	0.49
Silver		0.064	J	0.016	0.098
Sodium		65	J	14	98
Thallium		0.19	J	0.055	0.20
Vanadium		16		0.042	0.49
Zinc		69		0.98	3.9

7471/DOD Mercury (CVAA)

Analysis Method:	7471/DOD	Analysis Batch:	240-65450	Instrument ID:	H1
Prep Method:	7471A	Prep Batch:	240-65204	Lab File ID:	111612A-HG1.PRN
Dilution:	1.0	Leach Batch:	240-64879	Initial Weight/Volume:	0.65 g
Analysis Date:	11/16/2012 1910			Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1440				
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Hg		0.063	J	0.013	0.092

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **079SS-0002M-0001-SO**

Lab Sample ID: 240-17317-23 Date Sampled: 11/07/2012 1325
Client Matrix: Solid Date Received: 11/07/2012 1730

6020/DOD Metals (ICP/MS)

Analysis Method:	6020/DOD	Analysis Batch:	240-66205	Instrument ID:	I8
Prep Method:	3050B	Prep Batch:	240-65198	Lab File ID:	I8112312A.csv
Dilution:	1.0	Leach Batch:	240-65056	Initial Weight/Volume:	1.28 g
Analysis Date:	11/23/2012 1614			Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1219				
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Aluminum		7700		1.9	7.8
Antimony		0.24		0.048	0.16
Arsenic		7.2		0.041	0.39
Barium		110		0.10	0.39
Beryllium		1.1		0.0027	0.078
Cadmium		0.55		0.0024	0.16
Chromium		19		0.13	0.39
Cobalt		2.8		0.0035	0.078
Copper		170		0.086	0.31
Iron		16000		8.5	39
Lead		95		0.055	0.23
Magnesium		4500		7.0	78
Nickel		25		0.068	0.39
Potassium		670		2.9	78
Selenium		0.72		0.016	0.39
Silver		0.039	J	0.013	0.078
Sodium		180		11	78
Thallium		0.13	J	0.044	0.16
Vanadium		6.2		0.034	0.39

Analysis Method:	6020/DOD	Analysis Batch:	240-66869	Instrument ID:	I8
Prep Method:	3050B	Prep Batch:	240-65198	Lab File ID:	I8112912A.csv
Dilution:	10	Leach Batch:	240-65056	Initial Weight/Volume:	1.28 g
Analysis Date:	11/30/2012 0527			Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1219				
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Calcium		57000	D	310	1600
Zinc		1200	D	7.8	31

Analysis Method:	6020/DOD	Analysis Batch:	240-67023	Instrument ID:	I8
Prep Method:	3050B	Prep Batch:	240-65198	Lab File ID:	I8113012B.csv
Dilution:	20	Leach Batch:	240-65056	Initial Weight/Volume:	1.28 g
Analysis Date:	11/30/2012 1146			Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1219				
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Manganese		1300	D	2.5	7.8

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **079SS-0002M-0001-SO**

Lab Sample ID: 240-17317-23 Date Sampled: 11/07/2012 1325
Client Matrix: Solid Date Received: 11/07/2012 1730

7471/DOD Mercury (CVAA)

Analysis Method:	7471/DOD	Analysis Batch:	240-65450	Instrument ID:	H1
Prep Method:	7471A	Prep Batch:	240-65204	Lab File ID:	111612A-HG1.PRN
Dilution:	1.0	Leach Batch:	240-65056	Initial Weight/Volume:	0.66 g
Analysis Date:	11/16/2012 1911			Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1440				
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Hg		0.034	J	0.013	0.091

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **079SS-0001M-0001-SO**

Lab Sample ID: 240-17317-24 Date Sampled: 11/07/2012 1230
Client Matrix: Solid Date Received: 11/07/2012 1730

6020/DOD Metals (ICP/MS)

Analysis Method:	6020/DOD	Analysis Batch:	240-66205	Instrument ID:	I8
Prep Method:	3050B	Prep Batch:	240-65198	Lab File ID:	I8112312A.csv
Dilution:	1.0	Leach Batch:	240-65056	Initial Weight/Volume:	1.27 g
Analysis Date:	11/23/2012 1618			Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1219				
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Aluminum		4300		2.0	7.9
Antimony		0.21		0.049	0.16
Arsenic		8.6		0.041	0.39
Barium		66		0.10	0.39
Beryllium		0.51		0.0028	0.079
Cadmium		0.34		0.0024	0.16
Chromium		11		0.13	0.39
Cobalt		2.6		0.0035	0.079
Copper		610		0.087	0.31
Iron		14000		8.6	39
Lead		25		0.056	0.24
Magnesium		2300		7.0	79
Manganese		650		0.13	0.39
Nickel		14		0.068	0.39
Potassium		470		3.0	79
Selenium		0.47		0.016	0.39
Silver		0.066	J	0.013	0.079
Sodium		87		11	79
Thallium		0.13	J	0.044	0.16
Vanadium		6.1		0.034	0.39
Zinc		81		0.79	3.1

Analysis Method:	6020/DOD	Analysis Batch:	240-67023	Instrument ID:	I8
Prep Method:	3050B	Prep Batch:	240-65198	Lab File ID:	I8113012B.csv
Dilution:	10	Leach Batch:	240-65056	Initial Weight/Volume:	1.27 g
Analysis Date:	11/30/2012 1151			Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1219				
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Calcium		52000	D	320	1600

7471/DOD Mercury (CVAA)

Analysis Method:	7471/DOD	Analysis Batch:	240-65450	Instrument ID:	H1
Prep Method:	7471A	Prep Batch:	240-65204	Lab File ID:	111612A-HG1.PRN
Dilution:	1.0	Leach Batch:	240-65056	Initial Weight/Volume:	0.68 g
Analysis Date:	11/16/2012 1912			Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1440				
Leach Date:	11/09/2012 1400				

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Client Sample ID: **079SS-0001M-0001-SO**

Lab Sample ID: 240-17317-24 Date Sampled: 11/07/2012 1230
Client Matrix: Solid Date Received: 11/07/2012 1730

7471/DOD Mercury (CVAA)

Analyte	DryWt Corrected: N	Result (mg/Kg)	Qualifier	DL	LOQ
Hg		0.041	J	0.012	0.088

General Chemistry

Client Sample ID: **076SS-0002M-0001-SO**

Lab Sample ID: 240-17317-1 Date Sampled: 11/06/2012 0840

Client Matrix: Solid Date Received: 11/07/2012 1730

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	47		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-65100	Analysis Date: 11/15/2012 0906						DryWt Corrected: N
Percent Moisture	53		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-65100	Analysis Date: 11/15/2012 0906						DryWt Corrected: N

General Chemistry

Client Sample ID: **076SS-0001M-0001-SO**

Lab Sample ID: 240-17317-2 Date Sampled: 11/06/2012 0923

Client Matrix: Solid Date Received: 11/07/2012 1730

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	85		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-65100	Analysis Date: 11/15/2012 0906						DryWt Corrected: N
Percent Moisture	15		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-65100	Analysis Date: 11/15/2012 0906						DryWt Corrected: N

General Chemistry

Client Sample ID: **076SS-0005M-0001-SO**

Lab Sample ID: 240-17317-3 Date Sampled: 11/06/2012 1830

Client Matrix: Solid Date Received: 11/07/2012 1730

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	88		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-65100	Analysis Date: 11/15/2012 0906						DryWt Corrected: N
Percent Moisture	12		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-65100	Analysis Date: 11/15/2012 0906						DryWt Corrected: N

General Chemistry

Client Sample ID: **076SS-0006M-0001-SO**

Lab Sample ID: 240-17317-4 Date Sampled: 11/06/2012 1800

Client Matrix: Solid Date Received: 11/07/2012 1730

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	83		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-65100	Analysis Date: 11/15/2012 0906						DryWt Corrected: N
Percent Moisture	17		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-65100	Analysis Date: 11/15/2012 0906						DryWt Corrected: N

General Chemistry

Client Sample ID: **068SS-0001M-0001-SO**

Lab Sample ID: 240-17317-5 Date Sampled: 11/06/2012 1240

Client Matrix: Solid Date Received: 11/07/2012 1730

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	85		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-65100	Analysis Date: 11/15/2012 0906						DryWt Corrected: N
Percent Moisture	15		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-65100	Analysis Date: 11/15/2012 0906						DryWt Corrected: N

General Chemistry

Client Sample ID: **068SS-0002M-0001-SO**

Lab Sample ID: 240-17317-6 Date Sampled: 11/06/2012 1210

Client Matrix: Solid Date Received: 11/07/2012 1730

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	98	H	%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-65423	Analysis Date: 11/16/2012 1601						DryWt Corrected: N
Percent Moisture	1.6	H	%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-65423	Analysis Date: 11/16/2012 1601						DryWt Corrected: N

General Chemistry

Client Sample ID: **068SS-0003M-0001-SO**

Lab Sample ID: 240-17317-7 Date Sampled: 11/06/2012 1200

Client Matrix: Solid Date Received: 11/07/2012 1730

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	88		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-65100	Analysis Date: 11/15/2012 0906						DryWt Corrected: N
Percent Moisture	12		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-65100	Analysis Date: 11/15/2012 0906						DryWt Corrected: N
Nitrocellulose	0.88	J	mg/Kg	0.75	4.8	1.0	WS-WC-0050
Analysis Batch: 320-6288	Analysis Date: 11/21/2012 1654						DryWt Corrected: N
Prep Batch: 320-6149	Prep Date: 11/20/2012 0648						

General Chemistry

Client Sample ID: **068SS-0004M-0001-SO**

Lab Sample ID: 240-17317-8 Date Sampled: 11/06/2012 1200

Client Matrix: Solid Date Received: 11/07/2012 1730

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	98	H	%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-65423	Analysis Date: 11/16/2012 1601						DryWt Corrected: N
Percent Moisture	2.0	H	%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-65423	Analysis Date: 11/16/2012 1601						DryWt Corrected: N
Nitrocellulose	1.8	U	mg/Kg	0.78	5.0	1.0	WS-WC-0050
Analysis Batch: 320-6288	Analysis Date: 11/21/2012 1700						DryWt Corrected: N
Prep Batch: 320-6149	Prep Date: 11/20/2012 0648						

General Chemistry

Client Sample ID: **076SS-0004M-0001-SO**

Lab Sample ID: 240-17317-9 Date Sampled: 11/06/2012 1000

Client Matrix: Solid Date Received: 11/07/2012 1730

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	83		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-65100	Analysis Date: 11/15/2012 0906						DryWt Corrected: N
Percent Moisture	17		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-65100	Analysis Date: 11/15/2012 0906						DryWt Corrected: N

General Chemistry

Client Sample ID: **076SS-0003M-0001-SO**

Lab Sample ID: 240-17317-10 Date Sampled: 11/06/2012 0920

Client Matrix: Solid Date Received: 11/07/2012 1730

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	87		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-65100	Analysis Date: 11/15/2012 0906						DryWt Corrected: N
Percent Moisture	13		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-65100	Analysis Date: 11/15/2012 0906						DryWt Corrected: N

General Chemistry

Client Sample ID: **070SS-0006M-0001-SO**

Lab Sample ID: 240-17317-11 Date Sampled: 11/07/2012 0850

Client Matrix: Solid Date Received: 11/07/2012 1730

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	76		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-65100	Analysis Date: 11/15/2012 0906						DryWt Corrected: N
Percent Moisture	24		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-65100	Analysis Date: 11/15/2012 0906						DryWt Corrected: N

General Chemistry

Client Sample ID: **070SS-0007M-0001-SO**

Lab Sample ID: 240-17317-12 Date Sampled: 11/07/2012 0850

Client Matrix: Solid Date Received: 11/07/2012 1730

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	75		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-65100	Analysis Date: 11/15/2012 0906						DryWt Corrected: N
Percent Moisture	25		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-65100	Analysis Date: 11/15/2012 0906						DryWt Corrected: N

General Chemistry

Client Sample ID: **070SS-0002M-0001-SO**

Lab Sample ID: 240-17317-13 Date Sampled: 11/07/2012 0910

Client Matrix: Solid Date Received: 11/07/2012 1730

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	75		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-65100	Analysis Date: 11/15/2012 0906						DryWt Corrected: N
Percent Moisture	25		%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-65100	Analysis Date: 11/15/2012 0906						DryWt Corrected: N

General Chemistry

Client Sample ID: **068SS-0005M-0001-SO**

Lab Sample ID: 240-17317-14 Date Sampled: 11/06/2012 1350

Client Matrix: Solid Date Received: 11/07/2012 1730

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	98	H	%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-65423	Analysis Date: 11/16/2012 1601						DryWt Corrected: N
Percent Moisture	1.6	H	%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-65423	Analysis Date: 11/16/2012 1601						DryWt Corrected: N

General Chemistry

Client Sample ID: **068SS-0006M-0001-SO**

Lab Sample ID: 240-17317-15 Date Sampled: 11/06/2012 1545

Client Matrix: Solid Date Received: 11/07/2012 1730

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	99	H	%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-65423	Analysis Date: 11/16/2012 1601						DryWt Corrected: N
Percent Moisture	1.5	H	%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-65423	Analysis Date: 11/16/2012 1601						DryWt Corrected: N

General Chemistry

Client Sample ID: **068SS-0007M-0001-SO**

Lab Sample ID: 240-17317-16 Date Sampled: 11/06/2012 1615

Client Matrix: Solid Date Received: 11/07/2012 1730

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	98	H	%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-65423	Analysis Date: 11/16/2012 1601						DryWt Corrected: N
Percent Moisture	1.9	H	%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-65423	Analysis Date: 11/16/2012 1601						DryWt Corrected: N

General Chemistry

Client Sample ID: **068SS-0008M-0001-SO**

Lab Sample ID: 240-17317-17 Date Sampled: 11/06/2012 1510

Client Matrix: Solid Date Received: 11/07/2012 1730

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	98	H	%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-65423	Analysis Date: 11/16/2012 1601						DryWt Corrected: N
Percent Moisture	2.2	H	%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-65423	Analysis Date: 11/16/2012 1601						DryWt Corrected: N

General Chemistry

Client Sample ID: **076SD-0008-0001-SO**

Lab Sample ID: 240-17317-18 Date Sampled: 11/06/2012 1810

Client Matrix: Solid Date Received: 11/07/2012 1730

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	98	H	%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-65423	Analysis Date: 11/16/2012 1601						DryWt Corrected: N
Percent Moisture	1.6	H	%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-65423	Analysis Date: 11/16/2012 1601						DryWt Corrected: N
Nitrocellulose	0.94	J	mg/Kg	0.78	5.0	1.0	WS-WC-0050
Analysis Batch: 320-6288	Analysis Date: 11/21/2012 1702						DryWt Corrected: N
Prep Batch: 320-6149	Prep Date: 11/20/2012 0648						

General Chemistry

Client Sample ID: **076SD-0009-0001-SO**

Lab Sample ID: 240-17317-19 Date Sampled: 11/06/2012 1815
Client Matrix: Solid Date Received: 11/07/2012 1730

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	97	H	%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-65423	Analysis Date: 11/16/2012 1601						DryWt Corrected: N
Percent Moisture	2.6	H	%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-65423	Analysis Date: 11/16/2012 1601						DryWt Corrected: N
Nitrocellulose	2.5	J	mg/Kg	0.76	4.9	1.0	WS-WC-0050
Analysis Batch: 320-6288	Analysis Date: 11/21/2012 1732						DryWt Corrected: N
Prep Batch: 320-6149	Prep Date: 11/20/2012 0648						

General Chemistry

Client Sample ID: **076SD-0010-0001-SO**

Lab Sample ID: 240-17317-20 Date Sampled: 11/06/2012 1815
Client Matrix: Solid Date Received: 11/07/2012 1730

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	98	H	%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-65423	Analysis Date: 11/16/2012 1601						DryWt Corrected: N
Percent Moisture	2.2	H	%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-65423	Analysis Date: 11/16/2012 1601						DryWt Corrected: N
Nitrocellulose	1.9	J	mg/Kg	0.77	5.0	1.0	WS-WC-0050
Analysis Batch: 320-6288	Analysis Date: 11/21/2012 1722						DryWt Corrected: N
Prep Batch: 320-6149	Prep Date: 11/20/2012 0648						

General Chemistry

Client Sample ID: **076SD-0011-0001-SO**

Lab Sample ID: 240-17317-21 Date Sampled: 11/06/2012 1825
Client Matrix: Solid Date Received: 11/07/2012 1730

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	97	H	%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-65423	Analysis Date: 11/16/2012 1601						DryWt Corrected: N
Percent Moisture	3.4	H	%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-65423	Analysis Date: 11/16/2012 1601						DryWt Corrected: N
Nitrocellulose	2.1	J	mg/Kg	0.77	4.9	1.0	WS-WC-0050
Analysis Batch: 320-6288	Analysis Date: 11/21/2012 1742						DryWt Corrected: N
Prep Batch: 320-6149	Prep Date: 11/20/2012 0648						

General Chemistry

Client Sample ID: **076SD-0012-0001-SO**

Lab Sample ID: 240-17317-22 Date Sampled: 11/06/2012 1830

Client Matrix: Solid Date Received: 11/07/2012 1730

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	98	H	%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-65423	Analysis Date: 11/16/2012 1601						DryWt Corrected: N
Percent Moisture	2.0	H	%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-65423	Analysis Date: 11/16/2012 1601						DryWt Corrected: N
Nitrocellulose	0.86	J	mg/Kg	0.77	4.9	1.0	WS-WC-0050
Analysis Batch: 320-6288	Analysis Date: 11/21/2012 1712						DryWt Corrected: N
Prep Batch: 320-6149	Prep Date: 11/20/2012 0648						

General Chemistry

Client Sample ID: **079SS-0002M-0001-SO**

Lab Sample ID: 240-17317-23 Date Sampled: 11/07/2012 1325

Client Matrix: Solid Date Received: 11/07/2012 1730

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	99	H	%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-65423	Analysis Date: 11/16/2012 1604						DryWt Corrected: N
Percent Moisture	1.3	H	%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-65423	Analysis Date: 11/16/2012 1604						DryWt Corrected: N

General Chemistry

Client Sample ID: **079SS-0001M-0001-SO**

Lab Sample ID: 240-17317-24 Date Sampled: 11/07/2012 1230

Client Matrix: Solid Date Received: 11/07/2012 1730

Analyte	Result	Qual	Units	DL	LOQ	Dil	Method
Percent Solids	99	H	%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-65423	Analysis Date: 11/16/2012 1604						DryWt Corrected: N
Percent Moisture	1.0	H	%	0.10	0.10	1.0	Moisture
Analysis Batch: 240-65423	Analysis Date: 11/16/2012 1604						DryWt Corrected: N

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Surrogate Recovery Report

8260B/DoD Volatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DBFM %Rec	DCA %Rec	TOL %Rec	BFB %Rec
MRL 240-64980/5		90	96	98	93
MRL 240-64980/33		88	100	97	95
MRL 240-65171/5		89	97	97	95
MRL 240-65171/29		87	100	96	101

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane (Surr)	50-150
DCA = 1,2-Dichloroethane-d4 (Surr)	50-150
TOL = Toluene-d8 (Surr)	50-150
BFB = 4-Bromofluorobenzene (Surr)	50-150

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Surrogate Recovery Report

8260B/DoD Volatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DBFM %Rec	DCA %Rec	TOL %Rec	BFB %Rec
240-17317-1	076SS-0002M-0001-SO	83	97	91	93
240-17317-2	076SS-0001M-0001-SO	79	102	95	90
240-17317-3	076SS-0005M-0001-SO	83	102	109	137Q
240-17317-4	076SS-0006M-0001-SO	79	97	100	100
240-17317-7	068SS-0003M-0001-SO	75	96	94	96
240-17317-8	068SS-0004M-0001-SO	82	100	93	99
240-17317-9	076SS-0004M-0001-SO	88	103	118Q	155Q
240-17317-10	076SS-0003M-0001-SO	79	93	94	105
MB 240-64980/8		82	93	94	90
MB 240-65171/8		83	95	93	97
LCS 240-64980/7		93	96	94	97
LCS 240-65171/7		93	94	97	102
240-17317-7 MS	068SS-0003M-0001-SO MS	96	102	98	103
240-17317-7 MSD	068SS-0003M-0001-SO MSD	89	94	94	101

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane (Surr)	59-138
DCA = 1,2-Dichloroethane-d4 (Surr)	61-130
TOL = Toluene-d8 (Surr)	85-115
BFB = 4-Bromofluorobenzene (Surr)	85-120

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Surrogate Recovery Report

8260B/DoD Volatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DBFM %Rec	DCA %Rec	TOL %Rec	BFB %Rec
MRL 240-64831/5		100	99	104	99
MRL 240-64831/12		104	104	109	97

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane (Surr)	50-150
DCA = 1,2-Dichloroethane-d4 (Surr)	50-150
TOL = Toluene-d8 (Surr)	50-150
BFB = 4-Bromofluorobenzene (Surr)	50-150

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Surrogate Recovery Report

8260B/DoD Volatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	DBFM %Rec	DCA %Rec	TOL %Rec	BFB %Rec
240-17317-25	076SS-0027-0001-TB	98	99	98	86
MB 240-64831/6		101	102	101	94
LCS 240-64831/4		102	105	104	106

Surrogate	Acceptance Limits
DBFM = Dibromofluoromethane (Surr)	85-115
DCA = 1,2-Dichloroethane-d4 (Surr)	70-120
TOL = Toluene-d8 (Surr)	85-120
BFB = 4-Bromofluorobenzene (Surr)	75-120

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Surrogate Recovery Report

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	2FP %Rec	PHL %Rec	NBZ %Rec	FBP %Rec	TBP %Rec	TPH %Rec
240-17317-1	076SS-0002M-0001-SO	63	67	61	64	76	76
240-17317-2	076SS-0001M-0001-SO	63	72	60	72	78	81
240-17317-3	076SS-0005M-0001-SO	57	59	53	61	70	69
240-17317-4	076SS-0006M-0001-SO	60	69	59	68	79	77
240-17317-5	068SS-0001M-0001-SO	66	68	59	61	79	71
240-17317-6	068SS-0002M-0001-SO	60	63	60	59	78	73
240-17317-7	068SS-0003M-0001-SO	74	74	69	71	87	81
240-17317-8	068SS-0004M-0001-SO	65	64	57	61	75	72
240-17317-9	076SS-0004M-0001-SO	58	64	59	63	72	72
240-17317-10	076SS-0003M-0001-SO	59	66	61	62	63	68
240-17317-14	068SS-0005M-0001-SO	60	64	60	60	63	64
240-17317-15	068SS-0006M-0001-SO	67	71	67	64	75	74
240-17317-16	068SS-0007M-0001-SO	63	69	62	65	77	78
240-17317-17	068SS-0008M-0001-SO	78	81	70	67	79	75
240-17317-18	076SD-0008-0001-SO	67	69	58	53	70	62
240-17317-19	076SD-0009-0001-SO	67	73	51	49	82	66
240-17317-20	076SD-0010-0001-SO	69	73	52	51	81	66
240-17317-21	076SD-0011-0001-SO	72	72	54	50	75	64
240-17317-22	076SD-0012-0001-SO	63	68	67	60	67	63
MB 240-65352/23-A		64	63	59	57	61	81
MB 240-65386/21-A		78	84	81	75	67	86

Surrogate	Acceptance Limits
2FP = 2-Fluorophenol (Surr)	35-105
PHL = Phenol-d5 (Surr)	40-100
NBZ = Nitrobenzene-d5 (Surr)	35-100
FBP = 2-Fluorobiphenyl (Surr)	45-105
TBP = 2,4,6-Tribromophenol (Surr)	35-125
TPH = Terphenyl-d14 (Surr)	30-125

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Surrogate Recovery Report

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	2FP %Rec	PHL %Rec	NBZ %Rec	FBP %Rec	TBP %Rec	TPH %Rec
LCS 240-65352/24-A		70	72	70	67	74	79
LCS 240-65386/22-A		65	68	68	66	82	83
240-17317-7 MS	068SS-0003M-0001-SO MS	65	66	63	63	80	75
240-17317-19 MS	076SD-0009-0001-SO MS	64	67	63	60	71	65
240-17317-7 MSD	068SS-0003M-0001-SO MSD	63	65	61	61	74	70
240-17317-19 MSD	076SD-0009-0001-SO MSD	73	79	73	68	79	73

Surrogate	Acceptance Limits
2FP = 2-Fluorophenol (Surr)	35-105
PHL = Phenol-d5 (Surr)	40-100
NBZ = Nitrobenzene-d5 (Surr)	35-100
FBP = 2-Fluorobiphenyl (Surr)	45-105
TBP = 2,4,6-Tribromophenol (Surr)	35-125
TPH = Terphenyl-d14 (Surr)	30-125

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Surrogate Recovery Report

8270C/DoD Semivolatile Organic Compounds (GC/MS)

Client Matrix: Water

Lab Sample ID	Client Sample ID	2FP %Rec	PHL %Rec	NBZ %Rec	FBP %Rec	TBP %Rec	TPH %Rec
MRL 240-65876/4		101	100	105Q	102	112	102
MRL 240-65876/17		101	104Q	105Q	99	119	102
MRL 240-66051/3		100	97	104Q	97	106	101
MRL 240-66051/13		103	104Q	107Q	99	113	101
MRL 240-66702/3		106Q	106Q	109Q	103	111	98
MRL 240-66702/14		104	106Q	106Q	100	108	99
MRL 240-67921/3		95	100	118Q	111Q	97	104
MRL 240-67921/8		104	108Q	120Q	109Q	99	106
MRL 240-68349/4		97	101Q	102Q	97	112	102
MRL 240-68349/11		99	105Q	108Q	96	107	101
MRL 240-68588/4		105	101Q	106Q	98	106	105
MRL 240-68588/10		103	104Q	104Q	91	99	100
MRL 240-68844/3		110Q	112Q	104Q	91	109	103
MRL 240-68844/9		108Q	116Q	104Q	90	95	101

Surrogate	Acceptance Limits
2FP = 2-Fluorophenol (Surr)	50-150
PHL = Phenol-d5 (Surr)	50-150
NBZ = Nitrobenzene-d5 (Surr)	50-150
FBP = 2-Fluorobiphenyl (Surr)	50-150
TBP = 2,4,6-Tribromophenol (Surr)	50-150
TPH = Terphenyl-d14 (Surr)	50-150

Client: Environmental Chemical Corp.

Job Number: 240-17317-1

Surrogate Recovery Report

8015B Gasoline Range Organics - (GC)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	TFT1 %Rec
240-17317-11	070SS-0006M-0001-SO	69
240-17317-12	070SS-0007M-0001-SO	53
240-17317-13	070SS-0002M-0001-SO	69
MB 240-65273/11		73
LCS 240-65273/12		87
240-17317-11 MS	070SS-0006M-0001-SO MS	72
240-17317-11 MSD	070SS-0006M-0001-SO MSD	76

Surrogate	Acceptance Limits
TFT = Trifluorotoluene (Surr)	10-150

Client: Environmental Chemical Corp.

Job Number: 240-17317-1

Surrogate Recovery Report

8015B Gasoline Range Organics - (GC)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	TFT1 %Rec
MRL 240-65273/10		75
MRL 240-65273/21		76

Surrogate	Acceptance Limits
TFT = Trifluorotoluene (Surr)	70-130

Client: Environmental Chemical Corp.

Job Number: 240-17317-1

Surrogate Recovery Report

8015B Gasoline Range Organics - (GC)

Client Matrix: Water

Lab Sample ID	Client Sample ID	TFT2 %Rec
240-17317-25	076SS-0027-0001-TB	88
MB 240-65195/7		87
LCS 240-65195/8		90

Surrogate	Acceptance Limits
TFT = Trifluorotoluene (Surr)	10-150

Client: Environmental Chemical Corp.

Job Number: 240-17317-1

Surrogate Recovery Report

8015B Gasoline Range Organics - (GC)

Client Matrix: Water

Lab Sample ID	Client Sample ID	TFT2 %Rec
MRL 240-65195/5		85
MRL 240-65195/26		89

Surrogate	Acceptance Limits
TFT = Trifluorotoluene (Surr)	70-130

Client: Environmental Chemical Corp.

Job Number: 240-17317-1

Surrogate Recovery Report

8081/DOD Organochlorine Pesticides (GC)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	TCX1 %Rec	TCX2 %Rec	DCB1 %Rec	DCB2 %Rec
240-17317-7	068SS-0003M-0001-SO	114	88	163Q	86
240-17317-8	068SS-0004M-0001-SO	107	100	172Q	97
MB 240-65399/5-A		75	91	79	69
LCS 240-65399/6-A		97	95	85	75
240-17317-7 MS	068SS-0003M-0001-SO MS	108	87	170Q	90
240-17317-7 MSD	068SS-0003M-0001-SO MSD	128Q	111	199Q	85

Surrogate	Acceptance Limits
TCX = Tetrachloro-m-xylene	70-125
DCB = DCB Decachlorobiphenyl	55-130

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Surrogate Recovery Report

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Matrix: Solid

Lab Sample ID	Client Sample ID	TCX1 %Rec	TCX2 %Rec	DCB1 %Rec	DCB2 %Rec
240-17317-1	076SS-0002M-0001-SO	70	60	80	112
240-17317-2	076SS-0001M-0001-SO	83	78	81	288Q
240-17317-5	068SS-0001M-0001-SO	73	60	86	74
240-17317-6	068SS-0002M-0001-SO	63	55	62	55Q
240-17317-7	068SS-0003M-0001-SO	84	73	85	84
240-17317-8	068SS-0004M-0001-SO	79	71	86	86
240-17317-14	068SS-0005M-0001-SO	75	68	86	71
240-17317-15	068SS-0006M-0001-SO	76	72	82	73
240-17317-16	068SS-0007M-0001-SO	79	72	81	76
240-17317-17	068SS-0008M-0001-SO	77	70	86	80
240-17317-18	076SD-0008-0001-SO	80	72	81	92
240-17317-19	076SD-0009-0001-SO	76	68	79	63
240-17317-20	076SD-0010-0001-SO	75	69	73	61
240-17317-21	076SD-0011-0001-SO	65	59	157Q	73
240-17317-22	076SD-0012-0001-SO	77	68	100	67
MB 240-65400/23-A		95	73	95	84
LCS 240-65400/24-A		52	60	69	60
240-17317-7 MS	068SS-0003M-0001-SO MS	82	78	92	88
240-17317-19 MS	076SD-0009-0001-SO MS	69	67	71	59Q
240-17317-7 MSD	068SS-0003M-0001-SO MSD	74	70	82	88
240-17317-19 MSD	076SD-0009-0001-SO MSD	75	72	79	67

Surrogate	Acceptance Limits
TCX = Tetrachloro-m-xylene	40-140
DCB = DCB Decachlorobiphenyl	60-125

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Surrogate Recovery Report

8082/DOD Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Matrix: Water

Lab Sample ID	Client Sample ID	TCX1 %Rec	TCX2 %Rec	DCB1 %Rec	DCB2 %Rec
MRL 240-65670/10		110	115	116	113
MRL 240-65670/41		108	113	139Q	149Q
MRL 240-65670/48		108	114	95	92

Surrogate	Acceptance Limits
TCX = Tetrachloro-m-xylene	50-150
DCB = DCB Decachlorobiphenyl	50-150

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Surrogate Recovery Report

8330B Nitroaromatics and Nitramines (HPLC)

Client Matrix: Solid

Lab Sample ID	Client Sample ID	DNT1 %Rec	DNT2 %Rec
240-17317-7	068SS-0003M-0001-SO	98	
240-17317-7	068SS-0003M-0001-SO		258Q
240-17317-8	068SS-0004M-0001-SO	99	
240-17317-8	068SS-0004M-0001-SO		205Q
240-17317-18	076SD-0008-0001-SO	98	
240-17317-18	076SD-0008-0001-SO		150Q
240-17317-19	076SD-0009-0001-SO	98	
240-17317-19	076SD-0009-0001-SO		106M
240-17317-20	076SD-0010-0001-SO	97	
240-17317-20	076SD-0010-0001-SO		101M
240-17317-21	076SD-0011-0001-SO	99	
240-17317-21	076SD-0011-0001-SO		121Q
240-17317-22	076SD-0012-0001-SO	98	
240-17317-22	076SD-0012-0001-SO		108M
MB 320-6026/1-A		99	
MB 320-6026/1-A			75Q
LCS 320-6026/2-A		99	
240-17317-7 MS	068SS-0003M-0001-SO MS	96	
240-17317-19 MS	076SD-0009-0001-SO MS	97	
240-17317-7 MSD	068SS-0003M-0001-SO MSD	94	
240-17317-19 MSD	076SD-0009-0001-SO MSD	87	

Surrogate	Acceptance Limits
DNT = 3,4-Dinitrotoluene	78-118

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-64810

Method: 8260B/DoD
Preparation: 5035

MS Lab Sample ID:	240-17317-7	Analysis Batch:	240-64980	Instrument ID:	A3UX14
Client Matrix:	Solid	Prep Batch:	240-64810	Lab File ID:	149157.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5.911 g
Analysis Date:	11/14/2012 1924			Final Weight/Volume:	5 mL
Prep Date:	11/07/2012 1925				
Leach Date:	N/A				

MSD Lab Sample ID:	240-17317-7	Analysis Batch:	240-64980	Instrument ID:	A3UX14
Client Matrix:	Solid	Prep Batch:	240-64810	Lab File ID:	149158.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	6.307 g
Analysis Date:	11/14/2012 1945			Final Weight/Volume:	5 mL
Prep Date:	11/07/2012 1925				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Acetone	77	97	20 - 160	17	30		
Benzene	83	87	75 - 125	2	30		
Bromochloromethane	85	90	70 - 125	1	30		
Bromodichloromethane	69	76	70 - 130	3	30	J	
Bromoform	68	77	55 - 135	5	30		
Bromomethane	80	80	30 - 160	6	30		
2-Butanone (MEK)	86	99	30 - 160	7	30		
Carbon disulfide	62	67	45 - 160	1	30		
Carbon tetrachloride	81	84	65 - 135	4	30		
Chlorobenzene	57	67	75 - 125	9	30	J	J
Chloroethane	85	84	40 - 155	7	30		
Chloroform	85	88	70 - 125	3	30		
Chloromethane	92	92	50 - 130	7	30		
cis-1,3-Dichloropropene	68	76	70 - 125	4	30	J	
Dibromochloromethane	71	81	65 - 130	7	30		
1,1-Dichloroethane	92	94	75 - 125	3	30		
1,2-Dichloroethane	89	92	70 - 135	3	30		
1,1-Dichloroethene	92	90	65 - 135	8	30		
1,2-Dichloropropane	86	90	70 - 120	2	30		
Ethylbenzene	53	66	75 - 125	14	30	J	J
2-Hexanone	100	104	45 - 145	2	30		
Methylene Chloride	85	87	55 - 140	4	30		
4-Methyl-2-pentanone (MIBK)	112	112	45 - 145	6	30		
Styrene	54	66	75 - 125	15	30	J	J
1,1,2,2-Tetrachloroethane	91	99	55 - 130	2	30		
Tetrachloroethene	62	72	65 - 140	8	30	J	
Toluene	69	78	70 - 125	5	30	J	
trans-1,3-Dichloropropene	66	75	65 - 125	6	30		
1,1,1-Trichloroethane	91	93	70 - 135	5	30		
1,1,2-Trichloroethane	90	96	60 - 125	0	30		
Trichloroethene	77	82	75 - 125	1	30		
Vinyl chloride	91	89	60 - 125	9	30		
Xylenes, Total	52	64	75 - 125	14	30	J	J

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
4-Bromofluorobenzene (Surr)	103	101	85 - 120
Dibromofluoromethane (Surr)	96	89	59 - 138
1,2-Dichloroethane-d4 (Surr)	102	94	61 - 130
Toluene-d8 (Surr)	98	94	85 - 115

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-64810

Method: 8260B/DoD
Preparation: 5035

MS Lab Sample ID:	240-17317-7	Units: ug/Kg	
Client Matrix:	Solid		
Dilution:	1.0		
Analysis Date:	11/14/2012 1924		
Prep Date:	11/07/2012 1925		
Leach Date:	N/A		

MSD Lab Sample ID:	240-17317-7
Client Matrix:	Solid
Dilution:	1.0
Analysis Date:	11/14/2012 1945
Prep Date:	11/07/2012 1925
Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Acetone	5.0	U	96.5	90.4	74.2		88.1	
Benzene	0.40	U	48.2	45.2	40.1		39.4	
Bromochloromethane	0.80	U	48.2	45.2	41.1		40.5	
Bromodichloromethane	0.40	U	48.2	45.2	33.4	J	34.5	
Bromoform	0.40	U	48.2	45.2	32.9		34.8	
Bromomethane	0.80	U	48.2	45.2	38.6		36.3	
2-Butanone (MEK)	1.6	U	96.5	90.4	83.1		89.1	
Carbon disulfide	0.69	J	48.2	45.2	30.6		30.9	
Carbon tetrachloride	0.40	U	48.2	45.2	39.2		37.8	
Chlorobenzene	0.40	U	48.2	45.2	27.7	J	30.4	J
Chloroethane	0.80	U	48.2	45.2	40.8		38.0	
Chloroform	0.40	U	48.2	45.2	41.0		39.9	
Chloromethane	0.40	U	48.2	45.2	44.4		41.4	
cis-1,3-Dichloropropene	0.40	U	48.2	45.2	32.8	J	34.3	
Dibromochloromethane	0.80	U	48.2	45.2	34.1		36.6	
1,1-Dichloroethane	0.40	U	48.2	45.2	44.2		42.7	
1,2-Dichloroethane	0.40	U	48.2	45.2	43.2		41.7	
1,1-Dichloroethene	0.80	U	48.2	45.2	44.1		40.6	
1,2-Dichloropropane	0.80	U	48.2	45.2	41.6		40.9	
Ethylbenzene	0.40	U	48.2	45.2	25.8	J	29.7	J
2-Hexanone	0.80	U	96.5	90.4	96.3		94.4	
Methylene Chloride	0.80	U	48.2	45.2	40.8		39.1	
4-Methyl-2-pentanone (MIBK)	0.80	U	96.5	90.4	108		102	
Styrene	0.40	U	48.2	45.2	25.8	J	29.9	J
1,1,2,2-Tetrachloroethane	0.40	U	48.2	45.2	43.9		44.8	
Tetrachloroethene	0.80	U	48.2	45.2	29.9	J	32.5	
Toluene	0.40	U	48.2	45.2	33.5	J	35.2	
trans-1,3-Dichloropropene	0.80	U	48.2	45.2	31.9		33.7	
1,1,1-Trichloroethane	0.80	U	48.2	45.2	43.9		42.0	
1,1,2-Trichloroethane	0.40	U	48.2	45.2	43.5		43.4	
Trichloroethene	0.40	U	48.2	45.2	37.0		37.3	
Vinyl chloride	0.40	U	48.2	45.2	43.7		40.1	
Xylenes, Total	1.2	U	145	136	75.7	J	87.3	J

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Method Blank - Batch: 240-64831

Method: 8260B/DoD
Preparation: 5030B

Lab Sample ID:	MB 240-64831/6	Analysis Batch:	240-64831	Instrument ID:	A3UX10
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXX0866.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/13/2012 1255	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	11/13/2012 1255				
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
2-Butanone (MEK)	0.57	U	0.57	10
Acetone	1.1	U	1.1	10
Benzene	0.25	U	0.13	1.0
Bromoform	0.64	U	0.64	1.0
Bromomethane	0.50	U	0.41	1.0
Carbon disulfide	0.25	U	0.13	1.0
Carbon tetrachloride	0.25	U	0.13	1.0
Chlorobenzene	0.25	U	0.15	1.0
1,1-Dichloroethane	0.25	U	0.15	1.0
Chloromethane	0.50	U	0.30	1.0
1,2-Dichloroethane	0.25	U	0.22	1.0
cis-1,3-Dichloropropene	0.25	U	0.14	1.0
1,1-Dichloroethene	0.25	U	0.19	1.0
Dibromochloromethane	0.25	U	0.18	1.0
1,2-Dichloroethene, Total	0.50	U	0.34	2.0
Bromodichloromethane	0.25	U	0.15	1.0
1,2-Dichloropropane	0.25	U	0.18	1.0
Ethylbenzene	0.25	U	0.17	1.0
2-Hexanone	0.50	U	0.41	10
Methyl tert-butyl ether	0.25	U	0.17	1.0
Methylene Chloride	1.37		0.33	1.0
4-Methyl-2-pentanone (MIBK)	0.50	U	0.32	10
Styrene	0.25	U	0.11	1.0
1,1,2,2-Tetrachloroethane	0.25	U	0.18	1.0
Tetrachloroethene	0.50	U	0.29	1.0
Toluene	0.25	U	0.13	1.0
trans-1,3-Dichloropropene	0.25	U	0.19	1.0
Chloroform	0.25	U	0.16	1.0
Bromochloromethane	0.50	U	0.29	1.0
1,1,1-Trichloroethane	0.25	U	0.22	1.0
1,1,2-Trichloroethane	0.50	U	0.27	1.0
1,2-Dibromoethane	0.25	U	0.24	1.0
Trichloroethene	0.25	U	0.17	1.0
Vinyl chloride	0.25	U	0.22	1.0
Xylenes, Total	0.75	U	0.28	2.0
Chloroethane	0.50	U	0.29	1.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	102	70 - 120
Toluene-d8 (Surr)	101	85 - 120
4-Bromofluorobenzene (Surr)	94	75 - 120
Dibromofluoromethane (Surr)	101	85 - 115

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Lab Control Sample - Batch: 240-64831

Method: 8260B/DoD
Preparation: 5030B

Lab Sample ID:	LCS 240-64831/4	Analysis Batch:	240-64831	Instrument ID:	A3UX10
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXX0864.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/13/2012 1210	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	11/13/2012 1210				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
2-Butanone (MEK)	20.0	19.0	95	30 - 150	
Acetone	20.0	21.4	107	40 - 140	
Benzene	10.0	10.4	104	80 - 120	
Bromoform	10.0	9.95	100	70 - 130	
Bromomethane	10.0	10.1	101	30 - 145	
Carbon disulfide	10.0	11.0	110	35 - 160	
Carbon tetrachloride	10.0	10.4	104	65 - 140	
Chlorobenzene	10.0	10.1	101	80 - 120	
1,1-Dichloroethane	10.0	10.8	108	70 - 135	
Chloromethane	10.0	9.74	97	40 - 125	
1,2-Dichloroethane	10.0	10.4	104	70 - 130	
cis-1,3-Dichloropropene	10.0	10.1	101	70 - 130	
1,1-Dichloroethene	10.0	10.9	109	70 - 130	
Dibromochloromethane	10.0	10.1	101	60 - 135	
Bromodichloromethane	10.0	10.5	105	75 - 120	
1,2-Dichloropropane	10.0	10.4	104	75 - 125	
Ethylbenzene	10.0	10.4	104	75 - 125	
2-Hexanone	20.0	20.0	100	55 - 130	
Methyl tert-butyl ether	10.0	10.4	104	65 - 125	
Methylene Chloride	10.0	11.4	114	55 - 140	
4-Methyl-2-pentanone (MIBK)	20.0	20.1	100	60 - 135	
Styrene	10.0	10.7	107	65 - 135	
1,1,2,2-Tetrachloroethane	10.0	9.64	96	65 - 130	
Tetrachloroethene	10.0	9.91	99	45 - 150	
Toluene	10.0	10.4	104	75 - 120	
trans-1,3-Dichloropropene	10.0	10.3	103	55 - 140	
Chloroform	10.0	10.1	101	65 - 135	
Bromochloromethane	10.0	10.2	102	65 - 130	
1,1,1-Trichloroethane	10.0	10.7	107	65 - 130	
1,1,2-Trichloroethane	10.0	10.4	104	75 - 125	
Trichloroethene	10.0	10.4	104	70 - 125	
Vinyl chloride	10.0	10.0	100	50 - 145	
Xylenes, Total	30.0	31.6	105	75 - 130	
Chloroethane	10.0	10.5	105	60 - 135	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	105	70 - 120
Toluene-d8 (Surr)	104	85 - 120
4-Bromofluorobenzene (Surr)	106	75 - 120
Dibromofluoromethane (Surr)	102	85 - 115

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Method Reporting Limit Check - Batch: 240-64831

Method: 8260B/DoD
Preparation: 5030B

Lab Sample ID:	MRL 240-64831/5	Analysis Batch:	240-64831	Instrument ID:	A3UX10
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXX0865.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/13/2012 1233	Units:	ng/uL	Final Weight/Volume:	5 mL
Prep Date:	11/13/2012 1233				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
2-Butanone (MEK)	0.0100	0.00880	88	70 - 130	J
Acetone	0.0100	0.00924	92	70 - 130	J
Benzene	0.00100	0.00113	113	70 - 130	
Bromoform	0.00100	0.000918	92	70 - 130	J
Bromomethane	0.00100	0.00135	135	70 - 130	^
Carbon disulfide	0.00100	0.00101	101	70 - 130	
Carbon tetrachloride	0.00100	0.00106	106	70 - 130	
Chlorobenzene	0.00100	0.00111	111	70 - 130	
1,1-Dichloroethane	0.00100	0.00109	109	70 - 130	
Chloromethane	0.00100	0.00135	135	70 - 130	^
1,2-Dichloroethane	0.00100	0.00113	113	70 - 130	
cis-1,3-Dichloropropene	0.00100	0.000883	88	70 - 130	J
1,1-Dichloroethene	0.00100	0.00102	102	70 - 130	
Dibromochloromethane	0.00100	0.000963	96	70 - 130	J
Bromodichloromethane	0.00100	0.00103	103	70 - 130	
1,2-Dichloropropane	0.00100	0.00102	102	70 - 130	
Ethylbenzene	0.00100	0.00104	104	70 - 130	
2-Hexanone	0.0100	0.00941	94	70 - 130	J
Methyl tert-butyl ether	0.00100	0.00106	106	70 - 130	
Methylene Chloride	0.00100	0.00251	251	70 - 130	^
4-Methyl-2-pentanone (MIBK)	0.0100	0.00913	91	70 - 130	J
Styrene	0.00100	0.000944	94	70 - 130	J
1,1,2,2-Tetrachloroethane	0.00100	0.00115	115	70 - 130	
Tetrachloroethene	0.00100	0.00105	105	70 - 130	
Toluene	0.00100	0.00110	110	70 - 130	
trans-1,3-Dichloropropene	0.00100	0.000895	89	70 - 130	J
Chloroform	0.00100	0.00108	108	70 - 130	
Bromochloromethane	0.00100	0.00103	103	70 - 130	
1,1,1-Trichloroethane	0.00100	0.00112	112	70 - 130	
1,1,2-Trichloroethane	0.00100	0.00107	107	70 - 130	
Trichloroethene	0.00100	0.00105	105	70 - 130	
Vinyl chloride	0.00100	0.00123	123	70 - 130	
Xylenes, Total	0.00300	0.00292	97	70 - 130	
Chloroethane	0.00100	0.00143	143	70 - 130	^

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	99	50 - 150
Toluene-d8 (Surr)	104	50 - 150
4-Bromofluorobenzene (Surr)	99	50 - 150
Dibromofluoromethane (Surr)	100	50 - 150

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Method Reporting Limit Check - Batch: 240-64831

Method: 8260B/DoD
Preparation: 5030B

Lab Sample ID:	MRL 240-64831/12	Analysis Batch:	240-64831	Instrument ID:	A3UX10
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	UXX0872.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/13/2012 1527	Units:	ng/uL	Final Weight/Volume:	5 mL
Prep Date:	11/13/2012 1527				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
2-Butanone (MEK)	0.0100	0.00916	92	70 - 130	J
Acetone	0.0100	0.00985	99	70 - 130	J
Benzene	0.00100	0.00104	104	70 - 130	
Bromoform	0.00100	0.000769	77	70 - 130	J
Bromomethane	0.00100	0.00115	115	70 - 130	
Carbon disulfide	0.00100	0.000973	97	70 - 130	J
Carbon tetrachloride	0.00100	0.00103	103	70 - 130	
Chlorobenzene	0.00100	0.000988	99	70 - 130	J
1,1-Dichloroethane	0.00100	0.00105	105	70 - 130	
Chloromethane	0.00100	0.00124	124	70 - 130	
1,2-Dichloroethane	0.00100	0.00105	105	70 - 130	
cis-1,3-Dichloropropene	0.00100	0.000883	88	70 - 130	J
1,1-Dichloroethene	0.00100	0.00106	106	70 - 130	
Dibromochloromethane	0.00100	0.000853	85	70 - 130	J
Bromodichloromethane	0.00100	0.000934	93	70 - 130	J
1,2-Dichloropropane	0.00100	0.00100	100	70 - 130	
Ethylbenzene	0.00100	0.000902	90	70 - 130	J
2-Hexanone	0.0100	0.00917	92	70 - 130	J
Methyl tert-butyl ether	0.00100	0.000996	100	70 - 130	J
Methylene Chloride	0.00100	0.00273	273	70 - 130	^
4-Methyl-2-pentanone (MIBK)	0.0100	0.00922	92	70 - 130	J
Styrene	0.00100	0.000771	77	70 - 130	J
1,1,2,2-Tetrachloroethane	0.00100	0.00103	103	70 - 130	
Tetrachloroethene	0.00100	0.00103	103	70 - 130	
Toluene	0.00100	0.00108	108	70 - 130	
trans-1,3-Dichloropropene	0.00100	0.000855	85	70 - 130	J
Chloroform	0.00100	0.00107	107	70 - 130	
Bromochloromethane	0.00100	0.00109	109	70 - 130	
1,1,1-Trichloroethane	0.00100	0.00104	104	70 - 130	
1,1,2-Trichloroethane	0.00100	0.00110	110	70 - 130	
Trichloroethene	0.00100	0.00102	102	70 - 130	
Vinyl chloride	0.00100	0.00116	116	70 - 130	
Xylenes, Total	0.00300	0.00260	87	70 - 130	
Chloroethane	0.00100	0.00116	116	70 - 130	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	104	50 - 150
Toluene-d8 (Surr)	109	50 - 150
4-Bromofluorobenzene (Surr)	97	50 - 150
Dibromofluoromethane (Surr)	104	50 - 150

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Method Blank - Batch: 240-64980

Method: 8260B/DoD
Preparation: N/A

Lab Sample ID:	MB 240-64980/8	Analysis Batch:	240-64980	Instrument ID:	A3UX14
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	149143.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	11/14/2012 1423	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
2-Butanone (MEK)	2.0	U	1.4	20
Acetone	6.33	J	6.3	20
Benzene	0.50	U	0.23	5.0
Bromoform	0.50	U	0.33	5.0
Bromomethane	1.0	U	0.54	5.0
Carbon disulfide	0.50	U	0.44	5.0
Carbon tetrachloride	0.50	U	0.37	5.0
Chlorobenzene	0.50	U	0.33	5.0
1,1-Dichloroethane	0.50	U	0.36	5.0
Chloromethane	0.50	U	0.41	5.0
1,2-Dichloroethane	0.50	U	0.34	5.0
cis-1,3-Dichloropropene	0.50	U	0.34	5.0
1,1-Dichloroethene	1.0	U	0.52	5.0
Dibromochloromethane	1.0	U	0.55	5.0
1,2-Dichloroethene, Total	1.0	U	0.77	10
Bromodichloromethane	0.50	U	0.28	5.0
1,2-Dichloropropane	1.0	U	0.69	5.0
Ethylbenzene	0.50	U	0.26	5.0
2-Hexanone	0.802	J	0.63	20
Methylene Chloride	1.54	J	0.67	5.0
4-Methyl-2-pentanone (MIBK)	1.0	U	0.54	20
Styrene	0.50	U	0.15	5.0
1,1,2,2-Tetrachloroethane	0.50	U	0.34	5.0
Tetrachloroethene	1.0	U	0.52	5.0
Toluene	0.50	U	0.27	5.0
trans-1,3-Dichloropropene	1.0	U	0.54	5.0
Chloroform	0.50	U	0.29	5.0
Bromochloromethane	1.0	U	0.71	5.0
1,1,1-Trichloroethane	1.0	U	0.56	5.0
1,1,2-Trichloroethane	0.50	U	0.39	5.0
1,2-Dibromoethane	1.0	U	0.50	5.0
Trichloroethene	0.50	U	0.42	5.0
Vinyl chloride	0.50	U	0.39	5.0
Xylenes, Total	1.5	U	0.67	10
Chloroethane	1.0	U	0.86	5.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	93	61 - 130
Toluene-d8 (Surr)	94	85 - 115
4-Bromofluorobenzene (Surr)	90	85 - 120
Dibromofluoromethane (Surr)	82	59 - 138

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Method Reporting Limit Check - Batch: 240-64980 **Method: 8260B/DoD**
Preparation: N/A

Lab Sample ID:	MRL 240-64980/5	Analysis Batch:	240-64980	Instrument ID:	A3UX14
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	149140.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	11/14/2012 1318	Units:	ng/uL	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
2-Butanone (MEK)	0.0100	0.00959	96	70 - 130	J
Acetone	0.0100	0.0159	159	70 - 130	^
Benzene	0.00500	0.00507	101	70 - 130	
Bromoform	0.00500	0.00619	124	70 - 130	
Bromomethane	0.00500	0.00523	105	70 - 130	
Carbon disulfide	0.00500	0.00387	77	70 - 130	
Carbon tetrachloride	0.00500	0.00459	92	70 - 130	
Chlorobenzene	0.00500	0.00489	98	70 - 130	
1,1-Dichloroethane	0.00500	0.00490	98	70 - 130	
Chloromethane	0.00500	0.00504	101	70 - 130	
1,2-Dichloroethane	0.00500	0.00510	102	70 - 130	
cis-1,3-Dichloropropene	0.00500	0.00512	102	70 - 130	
1,1-Dichloroethene	0.00500	0.00518	104	70 - 130	
Dibromochloromethane	0.00500	0.00493	99	70 - 130	
Bromodichloromethane	0.00500	0.00418	84	70 - 130	
1,2-Dichloropropane	0.00500	0.00488	98	70 - 130	
Ethylbenzene	0.00500	0.00462	92	70 - 130	
2-Hexanone	0.0100	0.00966	97	70 - 130	J
Methylene Chloride	0.00500	0.00796	159	70 - 130	^
4-Methyl-2-pentanone (MIBK)	0.0100	0.0103	103	70 - 130	
Styrene	0.00500	0.00442	88	70 - 130	
1,1,2,2-Tetrachloroethane	0.00500	0.00472	94	70 - 130	
Tetrachloroethene	0.00500	0.00528	106	70 - 130	
Toluene	0.00500	0.00518	104	70 - 130	
trans-1,3-Dichloropropene	0.00500	0.00427	85	70 - 130	
Chloroform	0.00500	0.00486	97	70 - 130	
Bromochloromethane	0.00500	0.00504	101	70 - 130	
1,1,1-Trichloroethane	0.00500	0.00489	98	70 - 130	
1,1,2-Trichloroethane	0.00500	0.00515	103	70 - 130	
Trichloroethene	0.00500	0.00515	103	70 - 130	
Vinyl chloride	0.00500	0.00495	99	70 - 130	
Xylenes, Total	0.0150	0.0146	97	70 - 130	
Chloroethane	0.00500	0.00514	103	70 - 130	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	96	50 - 150
Toluene-d8 (Surr)	98	50 - 150
4-Bromofluorobenzene (Surr)	93	50 - 150
Dibromofluoromethane (Surr)	90	50 - 150

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Lab Control Sample - Batch: 240-64980

Method: 8260B/DoD
Preparation: N/A

Lab Sample ID:	LCS 240-64980/7	Analysis Batch:	240-64980	Instrument ID:	A3UX14
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	149142.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	11/14/2012 1401	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
2-Butanone (MEK)	100	98.9	99	30 - 160	
Acetone	100	119	119	20 - 160	
Benzene	50.0	50.5	101	75 - 125	
Bromoform	50.0	45.5	91	55 - 135	
Bromomethane	50.0	49.8	100	30 - 160	
Carbon disulfide	50.0	42.4	85	45 - 160	
Carbon tetrachloride	50.0	51.1	102	65 - 135	
Chlorobenzene	50.0	48.0	96	75 - 125	
1,1-Dichloroethane	50.0	52.4	105	75 - 125	
Chloromethane	50.0	51.7	103	50 - 130	
1,2-Dichloroethane	50.0	51.4	103	70 - 135	
cis-1,3-Dichloropropene	50.0	45.0	90	70 - 125	
1,1-Dichloroethene	50.0	53.0	106	65 - 135	
Dibromochloromethane	50.0	46.4	93	65 - 130	
Bromodichloromethane	50.0	44.6	89	70 - 130	
1,2-Dichloropropane	50.0	51.4	103	70 - 120	
Ethylbenzene	50.0	49.1	98	75 - 125	
2-Hexanone	100	102	102	45 - 145	
Methylene Chloride	50.0	55.4	111	55 - 140	
4-Methyl-2-pentanone (MIBK)	100	112	112	45 - 145	
Styrene	50.0	50.2	100	75 - 125	
1,1,2,2-Tetrachloroethane	50.0	55.4	111	55 - 130	
Tetrachloroethene	50.0	50.0	100	65 - 140	
Toluene	50.0	50.0	100	70 - 125	
trans-1,3-Dichloropropene	50.0	44.0	88	65 - 125	
Chloroform	50.0	51.1	102	70 - 125	
Bromochloromethane	50.0	50.7	101	70 - 125	
1,1,1-Trichloroethane	50.0	55.9	112	70 - 135	
1,1,2-Trichloroethane	50.0	53.3	107	60 - 125	
Trichloroethene	50.0	51.6	103	75 - 125	
Vinyl chloride	50.0	50.7	101	60 - 125	
Xylenes, Total	150	152	101	75 - 125	
Chloroethane	50.0	51.4	103	40 - 155	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	96	61 - 130
Toluene-d8 (Surr)	94	85 - 115
4-Bromofluorobenzene (Surr)	97	85 - 120
Dibromofluoromethane (Surr)	93	59 - 138

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Method Reporting Limit Check - Batch: 240-64980 **Method: 8260B/DoD**
Preparation: N/A

Lab Sample ID:	MRL 240-64980/33	Analysis Batch:	240-64980	Instrument ID:	A3UX14
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	149168.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	11/14/2012 2321	Units:	ng/uL	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
2-Butanone (MEK)	0.0100	0.00998	100	70 - 130	J
Acetone	0.0100	0.0157	157	70 - 130	^
Benzene	0.00500	0.00502	100	70 - 130	
Bromoform	0.00500	0.00591	118	70 - 130	
Bromomethane	0.00500	0.00480	96	70 - 130	
Carbon disulfide	0.00500	0.00362	72	70 - 130	
Carbon tetrachloride	0.00500	0.00448	90	70 - 130	
Chlorobenzene	0.00500	0.00504	101	70 - 130	
1,1-Dichloroethane	0.00500	0.00480	96	70 - 130	
Chloromethane	0.00500	0.00510	102	70 - 130	
1,2-Dichloroethane	0.00500	0.00537	107	70 - 130	
cis-1,3-Dichloropropene	0.00500	0.00514	103	70 - 130	
1,1-Dichloroethene	0.00500	0.00488	98	70 - 130	
Dibromochloromethane	0.00500	0.00459	92	70 - 130	
Bromodichloromethane	0.00500	0.00390	78	70 - 130	
1,2-Dichloropropane	0.00500	0.00496	99	70 - 130	
Ethylbenzene	0.00500	0.00481	96	70 - 130	
2-Hexanone	0.0100	0.00893	89	70 - 130	J
Methylene Chloride	0.00500	0.00645	129	70 - 130	
4-Methyl-2-pentanone (MIBK)	0.0100	0.00935	94	70 - 130	J
Styrene	0.00500	0.00439	88	70 - 130	
1,1,2,2-Tetrachloroethane	0.00500	0.00491	98	70 - 130	
Tetrachloroethene	0.00500	0.00505	101	70 - 130	
Toluene	0.00500	0.00517	103	70 - 130	
trans-1,3-Dichloropropene	0.00500	0.00397	79	70 - 130	
Chloroform	0.00500	0.00487	97	70 - 130	
Bromochloromethane	0.00500	0.00491	98	70 - 130	
1,1,1-Trichloroethane	0.00500	0.00476	95	70 - 130	
1,1,2-Trichloroethane	0.00500	0.00510	102	70 - 130	
Trichloroethene	0.00500	0.00506	101	70 - 130	
Vinyl chloride	0.00500	0.00505	101	70 - 130	
Xylenes, Total	0.0150	0.0149	99	70 - 130	
Chloroethane	0.00500	0.00518	104	70 - 130	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	100	50 - 150
Toluene-d8 (Surr)	97	50 - 150
4-Bromofluorobenzene (Surr)	95	50 - 150
Dibromofluoromethane (Surr)	88	50 - 150

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Method Blank - Batch: 240-65171

Method: 8260B/DoD
Preparation: N/A

Lab Sample ID:	MB 240-65171/8	Analysis Batch:	240-65171	Instrument ID:	A3UX14
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	149176.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	11/15/2012 1325	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
2-Butanone (MEK)	2.0	U	1.4	20
Acetone	6.41	J	6.3	20
Benzene	0.50	U	0.23	5.0
Bromoform	0.50	U	0.33	5.0
Bromomethane	1.0	U	0.54	5.0
Carbon disulfide	0.50	U	0.44	5.0
Carbon tetrachloride	0.50	U	0.37	5.0
Chlorobenzene	0.50	U	0.33	5.0
1,1-Dichloroethane	0.50	U	0.36	5.0
Chloromethane	0.50	U	0.41	5.0
1,2-Dichloroethane	0.50	U	0.34	5.0
cis-1,3-Dichloropropene	0.50	U	0.34	5.0
1,1-Dichloroethene	1.0	U	0.52	5.0
Dibromochloromethane	1.0	U	0.55	5.0
1,2-Dichloroethene, Total	1.0	U	0.77	10
Bromodichloromethane	0.50	U	0.28	5.0
1,2-Dichloropropane	1.0	U	0.69	5.0
Ethylbenzene	0.50	U	0.26	5.0
2-Hexanone	1.0	U	0.63	20
Methylene Chloride	1.0	U	0.67	5.0
4-Methyl-2-pentanone (MIBK)	0.598	J	0.54	20
Styrene	0.151	J	0.15	5.0
1,1,2,2-Tetrachloroethane	0.50	U	0.34	5.0
Tetrachloroethene	1.0	U	0.52	5.0
Toluene	0.50	U	0.27	5.0
trans-1,3-Dichloropropene	1.0	U	0.54	5.0
Chloroform	0.50	U	0.29	5.0
Bromochloromethane	1.0	U	0.71	5.0
1,1,1-Trichloroethane	1.0	U	0.56	5.0
1,1,2-Trichloroethane	0.50	U	0.39	5.0
1,2-Dibromoethane	1.0	U	0.50	5.0
Trichloroethene	0.50	U	0.42	5.0
Vinyl chloride	0.50	U	0.39	5.0
Xylenes, Total	1.5	U	0.67	10
Chloroethane	1.0	U	0.86	5.0

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	95	61 - 130
Toluene-d8 (Surr)	93	85 - 115
4-Bromofluorobenzene (Surr)	97	85 - 120
Dibromofluoromethane (Surr)	83	59 - 138

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Method Reporting Limit Check - Batch: 240-65171 **Method: 8260B/DoD**
Preparation: N/A

Lab Sample ID:	MRL 240-65171/5	Analysis Batch:	240-65171	Instrument ID:	A3UX14
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	149173.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	11/15/2012 1220	Units:	ng/uL	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
2-Butanone (MEK)	0.0100	0.0102	102	70 - 130	
Acetone	0.0100	0.0175	175	70 - 130	^
Benzene	0.00500	0.00490	98	70 - 130	
Bromoform	0.00500	0.00607	121	70 - 130	
Bromomethane	0.00500	0.00580	116	70 - 130	
Carbon disulfide	0.00500	0.00358	72	70 - 130	
Carbon tetrachloride	0.00500	0.00456	91	70 - 130	
Chlorobenzene	0.00500	0.00498	100	70 - 130	
1,1-Dichloroethane	0.00500	0.00470	94	70 - 130	
Chloromethane	0.00500	0.00583	117	70 - 130	
1,2-Dichloroethane	0.00500	0.00505	101	70 - 130	
cis-1,3-Dichloropropene	0.00500	0.00504	101	70 - 130	
1,1-Dichloroethene	0.00500	0.00478	96	70 - 130	
Dibromochloromethane	0.00500	0.00454	91	70 - 130	
Bromodichloromethane	0.00500	0.00411	82	70 - 130	
1,2-Dichloropropane	0.00500	0.00485	97	70 - 130	
Ethylbenzene	0.00500	0.00470	94	70 - 130	
2-Hexanone	0.0100	0.00914	91	70 - 130	J
Methylene Chloride	0.00500	0.00565	113	70 - 130	
4-Methyl-2-pentanone (MIBK)	0.0100	0.00948	95	70 - 130	J
Styrene	0.00500	0.00411	82	70 - 130	
1,1,2,2-Tetrachloroethane	0.00500	0.00464	93	70 - 130	
Tetrachloroethene	0.00500	0.00523	105	70 - 130	
Toluene	0.00500	0.00494	99	70 - 130	
trans-1,3-Dichloropropene	0.00500	0.00416	83	70 - 130	
Chloroform	0.00500	0.00474	95	70 - 130	
Bromochloromethane	0.00500	0.00475	95	70 - 130	
1,1,1-Trichloroethane	0.00500	0.00465	93	70 - 130	
1,1,2-Trichloroethane	0.00500	0.00489	98	70 - 130	
Trichloroethene	0.00500	0.00490	98	70 - 130	
Vinyl chloride	0.00500	0.00555	111	70 - 130	
Xylenes, Total	0.0150	0.0139	92	70 - 130	
Chloroethane	0.00500	0.00562	112	70 - 130	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	97	50 - 150
Toluene-d8 (Surr)	97	50 - 150
4-Bromofluorobenzene (Surr)	95	50 - 150
Dibromofluoromethane (Surr)	89	50 - 150

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Lab Control Sample - Batch: 240-65171

Method: 8260B/DoD
Preparation: N/A

Lab Sample ID:	LCS 240-65171/7	Analysis Batch:	240-65171	Instrument ID:	A3UX14
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	149175.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	11/15/2012 1303	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
2-Butanone (MEK)	100	107	107	30 - 160	
Acetone	100	116	116	20 - 160	
Benzene	50.0	49.4	99	75 - 125	
Bromoform	50.0	44.8	90	55 - 135	
Bromomethane	50.0	43.0	86	30 - 160	
Carbon disulfide	50.0	38.9	78	45 - 160	
Carbon tetrachloride	50.0	49.1	98	65 - 135	
Chlorobenzene	50.0	48.4	97	75 - 125	
1,1-Dichloroethane	50.0	51.0	102	75 - 125	
Chloromethane	50.0	48.2	96	50 - 130	
1,2-Dichloroethane	50.0	50.2	100	70 - 135	
cis-1,3-Dichloropropene	50.0	46.1	92	70 - 125	
1,1-Dichloroethene	50.0	49.9	100	65 - 135	
Dibromochloromethane	50.0	48.1	96	65 - 130	
Bromodichloromethane	50.0	44.0	88	70 - 130	
1,2-Dichloropropane	50.0	52.2	104	70 - 120	
Ethylbenzene	50.0	49.5	99	75 - 125	
2-Hexanone	100	110	110	45 - 145	
Methylene Chloride	50.0	49.0	98	55 - 140	
4-Methyl-2-pentanone (MIBK)	100	111	111	45 - 145	
Styrene	50.0	52.1	104	75 - 125	
1,1,2,2-Tetrachloroethane	50.0	52.8	106	55 - 130	
Tetrachloroethene	50.0	50.1	100	65 - 140	
Toluene	50.0	49.1	98	70 - 125	
trans-1,3-Dichloropropene	50.0	45.0	90	65 - 125	
Chloroform	50.0	48.8	98	70 - 125	
Bromochloromethane	50.0	49.6	99	70 - 125	
1,1,1-Trichloroethane	50.0	52.5	105	70 - 135	
1,1,2-Trichloroethane	50.0	53.1	106	60 - 125	
Trichloroethene	50.0	50.5	101	75 - 125	
Vinyl chloride	50.0	47.1	94	60 - 125	
Xylenes, Total	150	149	99	75 - 125	
Chloroethane	50.0	44.2	88	40 - 155	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	94	61 - 130
Toluene-d8 (Surr)	97	85 - 115
4-Bromofluorobenzene (Surr)	102	85 - 120
Dibromofluoromethane (Surr)	93	59 - 138

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Method Reporting Limit Check - Batch: 240-65171 **Method: 8260B/DoD**
Preparation: N/A

Lab Sample ID:	MRL 240-65171/29	Analysis Batch:	240-65171	Instrument ID:	A3UX14
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	149197.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	11/15/2012 2117	Units:	ng/uL	Final Weight/Volume:	5 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
2-Butanone (MEK)	0.0100	0.0119	119	70 - 130	
Acetone	0.0100	0.0201	201	70 - 130	^
Benzene	0.00500	0.00504	101	70 - 130	
Bromoform	0.00500	0.00648	130	70 - 130	
Bromomethane	0.00500	0.00491	98	70 - 130	
Carbon disulfide	0.00500	0.00353	71	70 - 130	
Carbon tetrachloride	0.00500	0.00444	89	70 - 130	
Chlorobenzene	0.00500	0.00495	99	70 - 130	
1,1-Dichloroethane	0.00500	0.00476	95	70 - 130	
Chloromethane	0.00500	0.00516	103	70 - 130	
1,2-Dichloroethane	0.00500	0.00522	104	70 - 130	
cis-1,3-Dichloropropene	0.00500	0.00542	108	70 - 130	
1,1-Dichloroethene	0.00500	0.00467	93	70 - 130	
Dibromochloromethane	0.00500	0.00492	98	70 - 130	
Bromodichloromethane	0.00500	0.00433	87	70 - 130	
1,2-Dichloropropane	0.00500	0.00508	102	70 - 130	
Ethylbenzene	0.00500	0.00487	97	70 - 130	
2-Hexanone	0.0100	0.0109	109	70 - 130	
Methylene Chloride	0.00500	0.00528	106	70 - 130	
4-Methyl-2-pentanone (MIBK)	0.0100	0.0102	102	70 - 130	
Styrene	0.00500	0.00453	91	70 - 130	
1,1,2,2-Tetrachloroethane	0.00500	0.00525	105	70 - 130	
Tetrachloroethene	0.00500	0.00537	107	70 - 130	
Toluene	0.00500	0.00512	102	70 - 130	
trans-1,3-Dichloropropene	0.00500	0.00425	85	70 - 130	
Chloroform	0.00500	0.00471	94	70 - 130	
Bromochloromethane	0.00500	0.00472	94	70 - 130	
1,1,1-Trichloroethane	0.00500	0.00437	87	70 - 130	
1,1,2-Trichloroethane	0.00500	0.00567	113	70 - 130	
Trichloroethene	0.00500	0.00521	104	70 - 130	
Vinyl chloride	0.00500	0.00518	104	70 - 130	
Xylenes, Total	0.0150	0.0148	99	70 - 130	
Chloroethane	0.00500	0.00482	96	70 - 130	

Surrogate	% Rec	Acceptance Limits
1,2-Dichloroethane-d4 (Surr)	100	50 - 150
Toluene-d8 (Surr)	96	50 - 150
4-Bromofluorobenzene (Surr)	101	50 - 150
Dibromofluoromethane (Surr)	87	50 - 150

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Method Blank - Batch: 240-65352

Method: 8270C/DoD
Preparation: 3540C

Lab Sample ID:	MB 240-65352/23-A	Analysis Batch:	240-65876	Instrument ID:	A4HP7
Client Matrix:	Solid	Prep Batch:	240-65352	Lab File ID:	21121005.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	11/21/2012 1251	Units:	ug/Kg	Final Weight/Volume:	2 mL
Prep Date:	11/16/2012 1150			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Acenaphthene	3.3	U	3.3	6.7
Acenaphthylene	3.3	U	3.3	6.7
Anthracene	3.3	U	3.3	6.7
Benzo[a]anthracene	3.3	U	3.3	6.7
Benzo[a]pyrene	3.3	U	3.3	6.7
Benzo[b]fluoranthene	3.3	U	3.3	6.7
Benzo[g,h,i]perylene	3.3	U	3.3	6.7
Benzoic acid	330	U	330	660
Benzo[k]fluoranthene	3.3	U	3.3	6.7
Benzyl alcohol	27	U	21	330
Bis(2-chloroethoxy)methane	27	U	22	100
Bis(2-chloroethyl)ether	3.3	U	2.0	100
bis (2-chloroisopropyl) ether	27	U	9.5	100
Bis(2-ethylhexyl) phthalate	20.5	J	19	50
4-Bromophenyl phenyl ether	27	U	13	50
Butyl benzyl phthalate	27	U	10	50
Carbazole	27	U	27	50
4-Chloroaniline	27	U	17	150
4-Chloro-3-methylphenol	27	U	21	150
2-Chloronaphthalene	3.3	U	3.3	50
2-Chlorophenol	27	U	27	50
4-Chlorophenyl phenyl ether	27	U	13	50
Chrysene	3.3	U	1.1	6.7
Dibenz(a,h)anthracene	3.3	U	3.3	6.7
Dibenzofuran	3.3	U	3.3	50
1,4-Dichlorobenzene	27	U	20	50
1,2-Dichlorobenzene	27	U	9.7	50
1,3-Dichlorobenzene	27	U	11	50
3,3'-Dichlorobenzidine	80	U	18	100
2,4-Dichlorophenol	27	U	20	150
Diethyl phthalate	27	U	16	50
2,4-Dimethylphenol	80	U	20	150
Dimethyl phthalate	27	U	17	50
Di-n-butyl phthalate	27	U	15	50
4,6-Dinitro-2-methylphenol	80	U	80	150
2,4-Dinitrophenol	80	U	80	330
2,4-Dinitrotoluene	27	U	27	200
2,6-Dinitrotoluene	27	U	21	200
Di-n-octyl phthalate	27	U	27	50
Fluoranthene	3.3	U	3.3	6.7
Fluorene	3.3	U	3.3	6.7
Hexachlorobenzene	3.3	U	2.1	6.7
Hexachlorobutadiene	27	U	27	50
Hexachlorocyclopentadiene	27	U	27	330
Hexachloroethane	27	U	9.0	50

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Method Blank - Batch: 240-65352

Method: 8270C/DoD
Preparation: 3540C

Lab Sample ID:	MB 240-65352/23-A	Analysis Batch:	240-65876	Instrument ID:	A4HP7
Client Matrix:	Solid	Prep Batch:	240-65352	Lab File ID:	21121005.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	11/21/2012 1251	Units:	ug/Kg	Final Weight/Volume:	2 mL
Prep Date:	11/16/2012 1150			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Indeno[1,2,3-cd]pyrene	3.3	U	3.3	6.7
Isophorone	27	U	13	50
2-Methylnaphthalene	3.3	U	3.3	6.7
2-Methylphenol	80	U	80	200
3 & 4 Methylphenol	80	U	20	400
Naphthalene	3.3	U	3.3	6.7
2-Nitroaniline	27	U	9.1	200
3-Nitroaniline	80	U	16	200
4-Nitroaniline	27	U	26	200
Nitrobenzene	3.3	U	2.2	100
2-Nitrophenol	27	U	27	50
4-Nitrophenol	80	U	80	330
N-Nitrosodi-n-propylamine	27	U	27	50
N-Nitrosodiphenylamine	27	U	21	50
Pentachlorophenol	80	U	80	150
Phenanthrene	3.3	U	3.3	6.7
Phenol	27	U	27	50
Pyrene	3.3	U	3.3	6.7
1,2,4-Trichlorobenzene	27	U	27	50
2,4,5-Trichlorophenol	27	U	25	150
2,4,6-Trichlorophenol	80	U	80	150

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl (Surr)	57	45 - 105
2-Fluorophenol (Surr)	64	35 - 105
Nitrobenzene-d5 (Surr)	59	35 - 100
Terphenyl-d14 (Surr)	81	30 - 125
2,4,6-Tribromophenol (Surr)	61	35 - 125
Phenol-d5 (Surr)	63	40 - 100

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Lab Control Sample - Batch: 240-65352

Method: 8270C/DoD
Preparation: 3540C

Lab Sample ID:	LCS 240-65352/24-A	Analysis Batch:	240-65876	Instrument ID:	A4HP7
Client Matrix:	Solid	Prep Batch:	240-65352	Lab File ID:	21121006.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	11/21/2012 1315	Units:	ug/Kg	Final Weight/Volume:	2 mL
Prep Date:	11/16/2012 1150			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acenaphthene	667	480	72	45 - 110	
Acenaphthylene	667	478	72	45 - 105	
Anthracene	667	491	74	55 - 105	
Benzo[a]anthracene	667	511	77	50 - 110	
Benzo[a]pyrene	667	432	65	50 - 110	
Benzo[b]fluoranthene	667	495	74	45 - 115	
Benzo[g,h,i]perylene	667	545	82	40 - 125	
Benzoic acid	667	330	45	0 - 110	U
Benzo[k]fluoranthene	667	504	76	45 - 125	
Benzyl alcohol	667	486	73	20 - 125	
Bis(2-chloroethoxy)methane	667	452	68	45 - 110	
Bis(2-chloroethyl)ether	667	463	70	40 - 105	
bis (2-chloroisopropyl) ether	667	462	69	20 - 115	
Bis(2-ethylhexyl) phthalate	667	494	74	45 - 125	
4-Bromophenyl phenyl ether	667	506	76	45 - 115	
Butyl benzyl phthalate	667	504	76	50 - 125	
Carbazole	667	490	74	45 - 115	
4-Chloroaniline	667	359	54	10 - 110	
4-Chloro-3-methylphenol	667	523	79	45 - 115	
2-Chloronaphthalene	667	465	70	45 - 105	
2-Chlorophenol	667	470	71	45 - 105	
4-Chlorophenyl phenyl ether	667	501	75	45 - 110	
Chrysene	667	524	79	55 - 110	
Dibenz(a,h)anthracene	667	491	74	40 - 125	
Dibenzofuran	667	490	74	50 - 105	
1,4-Dichlorobenzene	667	444	67	35 - 105	
1,2-Dichlorobenzene	667	443	66	45 - 110	
1,3-Dichlorobenzene	667	435	65	40 - 100	
3,3'-Dichlorobenzidine	667	305	46	10 - 130	
2,4-Dichlorophenol	667	499	75	45 - 110	
Diethyl phthalate	667	513	77	50 - 115	
2,4-Dimethylphenol	667	323	48	30 - 105	
Dimethyl phthalate	667	509	76	50 - 110	
Di-n-butyl phthalate	667	532	80	55 - 110	
4,6-Dinitro-2-methylphenol	667	472	71	30 - 135	
2,4-Dinitrophenol	667	462	69	15 - 130	
2,4-Dinitrotoluene	667	530	79	50 - 115	
2,6-Dinitrotoluene	667	528	79	50 - 110	
Di-n-octyl phthalate	667	476	71	40 - 130	
Fluoranthene	667	526	79	55 - 115	
Fluorene	667	496	74	50 - 110	
Hexachlorobenzene	667	501	75	45 - 120	
Hexachlorobutadiene	667	436	65	40 - 115	
Hexachloroethane	667	437	66	35 - 110	
Indeno[1,2,3-cd]pyrene	667	495	74	40 - 120	
Isophorone	667	496	74	45 - 110	

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Lab Control Sample - Batch: 240-65352

Method: 8270C/DoD
Preparation: 3540C

Lab Sample ID:	LCS 240-65352/24-A	Analysis Batch:	240-65876	Instrument ID:	A4HP7
Client Matrix:	Solid	Prep Batch:	240-65352	Lab File ID:	21121006.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	11/21/2012 1315	Units:	ug/Kg	Final Weight/Volume:	2 mL
Prep Date:	11/16/2012 1150			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
2-Methylnaphthalene	667	467	70	45 - 105	
2-Methylphenol	667	472	71	40 - 105	
3 & 4 Methylphenol	1330	963	72	40 - 105	
Naphthalene	667	467	70	40 - 105	
2-Nitroaniline	667	535	80	45 - 120	
3-Nitroaniline	667	492	74	25 - 110	
4-Nitroaniline	667	495	74	35 - 115	
Nitrobenzene	667	454	68	40 - 115	
2-Nitrophenol	667	484	73	40 - 110	
4-Nitrophenol	667	520	78	15 - 140	
N-Nitrosodi-n-propylamine	667	476	71	40 - 115	
N-Nitrosodiphenylamine	667	489	73	50 - 115	
Pentachlorophenol	667	404	61	25 - 120	
Phenanthrene	667	486	73	50 - 110	
Phenol	667	495	74	40 - 100	
Pyrene	667	483	72	45 - 125	
1,2,4-Trichlorobenzene	667	440	66	45 - 110	
2,4,5-Trichlorophenol	667	522	78	50 - 110	
2,4,6-Trichlorophenol	667	504	76	45 - 110	

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl (Surr)	67	45 - 105
2-Fluorophenol (Surr)	70	35 - 105
Nitrobenzene-d5 (Surr)	70	35 - 100
Terphenyl-d14 (Surr)	79	30 - 125
2,4,6-Tribromophenol (Surr)	74	35 - 125
Phenol-d5 (Surr)	72	40 - 100

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-65352

Method: 8270C/DoD
Preparation: 3540C

MS Lab Sample ID:	240-17317-7	Analysis Batch:	240-65876	Instrument ID:	A4HP7
Client Matrix:	Solid	Prep Batch:	240-65352	Lab File ID:	21121008.D
Dilution:	1.0	Leach Batch:	240-64879	Initial Weight/Volume:	30.09 g
Analysis Date:	11/21/2012 1401			Final Weight/Volume:	2 mL
Prep Date:	11/16/2012 1146			Injection Volume:	1 uL
Leach Date:	11/09/2012 1400				

MSD Lab Sample ID:	240-17317-7	Analysis Batch:	240-65876	Instrument ID:	A4HP7
Client Matrix:	Solid	Prep Batch:	240-65352	Lab File ID:	21121009.D
Dilution:	1.0	Leach Batch:	240-64879	Initial Weight/Volume:	30.40 g
Analysis Date:	11/21/2012 1425			Final Weight/Volume:	2 mL
Prep Date:	11/16/2012 1146			Injection Volume:	1 uL
Leach Date:	11/09/2012 1400				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Acenaphthene	69	65	45 - 110	7	30		
Acenaphthylene	70	65	45 - 105	7	30		
Anthracene	72	68	55 - 105	6	30		
Benzo[a]anthracene	71	65	50 - 110	6	30		
Benzo[a]pyrene	53	46	50 - 110	7	30		J
Benzo[b]fluoranthene	57	49	45 - 115	7	30		
Benzo[g,h,i]perylene	50	36	40 - 125	17	30		J
Benzoic acid	0	0	0 - 110	NC	30	U	U
Benzo[k]fluoranthene	69	64	45 - 125	6	30		
Benzyl alcohol	67	67	20 - 125	2	30		
Bis(2-chloroethoxy)methane	62	62	45 - 110	2	30		
Bis(2-chloroethyl)ether	61	59	40 - 105	5	30		
bis (2-chloroisopropyl) ether	60	58	20 - 115	5	30		
Bis(2-ethylhexyl) phthalate	71	68	45 - 125	5	30		
4-Bromophenyl phenyl ether	71	69	45 - 115	5	30		
Butyl benzyl phthalate	73	71	50 - 125	4	30		
Carbazole	64	62	45 - 115	4	30		
4-Chloroaniline	8	13	10 - 95	39	30	J	J
4-Chloro-3-methylphenol	76	74	45 - 115	4	30		
2-Chloronaphthalene	66	62	45 - 105	8	30		
2-Chlorophenol	63	63	45 - 105	0	30		
4-Chlorophenyl phenyl ether	72	68	45 - 110	7	30		
Chrysene	67	63	55 - 110	4	30		
Dibenz(a,h)anthracene	53	47	40 - 125	12	30		
Dibenzofuran	69	64	50 - 105	8	30		
1,4-Dichlorobenzene	60	57	35 - 105	6	30		
1,2-Dichlorobenzene	57	55	45 - 95	4	30		
1,3-Dichlorobenzene	56	52	40 - 100	7	30		
3,3'-Dichlorobenzidine	4	6	10 - 130	39	30	J	J
2,4-Dichlorophenol	72	70	45 - 110	5	30		
Diethyl phthalate	72	69	50 - 115	5	30		
2,4-Dimethylphenol	65	63	30 - 105	4	30		
Dimethyl phthalate	75	70	50 - 110	8	30		

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-65352

Method: 8270C/DoD
Preparation: 3540C

MS Lab Sample ID:	240-17317-7	Analysis Batch:	240-65876	Instrument ID:	A4HP7
Client Matrix:	Solid	Prep Batch:	240-65352	Lab File ID:	21121008.D
Dilution:	1.0	Leach Batch:	240-64879	Initial Weight/Volume:	30.09 g
Analysis Date:	11/21/2012 1401			Final Weight/Volume:	2 mL
Prep Date:	11/16/2012 1146			Injection Volume:	1 uL
Leach Date:	11/09/2012 1400				

MSD Lab Sample ID:	240-17317-7	Analysis Batch:	240-65876	Instrument ID:	A4HP7
Client Matrix:	Solid	Prep Batch:	240-65352	Lab File ID:	21121009.D
Dilution:	1.0	Leach Batch:	240-64879	Initial Weight/Volume:	30.40 g
Analysis Date:	11/21/2012 1425			Final Weight/Volume:	2 mL
Prep Date:	11/16/2012 1146			Injection Volume:	1 uL
Leach Date:	11/09/2012 1400				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Di-n-butyl phthalate	75	73	55 - 110	4	30		
4,6-Dinitro-2-methylphenol	51	44	30 - 135	15	30		
2,4-Dinitrophenol	37	36	15 - 130	5	30	J	J
2,4-Dinitrotoluene	74	70	50 - 115	6	30		
2,6-Dinitrotoluene	76	73	50 - 110	5	30		
Di-n-octyl phthalate	75	72	40 - 130	5	30		
Fluoranthene	64	54	55 - 115	7	30		J
Fluorene	72	67	50 - 110	8	30		
Hexachlorobenzene	72	70	45 - 120	5	30		
Hexachlorobutadiene	62	61	40 - 115	2	30		
Hexachloroethane	54	49	35 - 110	9	30		
Indeno[1,2,3-cd]pyrene	52	41	40 - 120	15	30		
Isophorone	68	65	45 - 110	5	30		
2-Methylnaphthalene	66	62	45 - 105	7	30		
2-Methylphenol	67	62	40 - 105	8	30		
3 & 4 Methylphenol	67	65	40 - 105	3	30		
Naphthalene	64	61	40 - 105	5	30		
2-Nitroaniline	76	73	45 - 120	5	30		
3-Nitroaniline	30	34	25 - 110	10	30		
4-Nitroaniline	36	41	35 - 115	12	30		
Nitrobenzene	63	61	40 - 115	3	30		
2-Nitrophenol	69	69	40 - 110	2	30		
4-Nitrophenol	77	71	15 - 140	8	30		
N-Nitrosodi-n-propylamine	67	65	40 - 115	4	30		
N-Nitrosodiphenylamine	71	70	50 - 115	3	30		
Pentachlorophenol	67	63	25 - 120	6	30		
Phenanthrene	67	61	50 - 110	6	30		
Phenol	68	66	40 - 100	4	30		
Pyrene	60	54	45 - 125	5	30		
1,2,4-Trichlorobenzene	59	58	45 - 110	4	30		
2,4,5-Trichlorophenol	77	73	50 - 110	7	30		
2,4,6-Trichlorophenol	77	73	45 - 110	6	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
2-Fluorobiphenyl (Surr)	63	61	45 - 105
2-Fluorophenol (Surr)	65	63	35 - 105
Nitrobenzene-d5 (Surr)	63	61	35 - 100
Terphenyl-d14 (Surr)	75	70	30 - 125
2,4,6-Tribromophenol (Surr)	80	74	35 - 125
Phenol-d5 (Surr)	66	65	40 - 100

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-65352

Method: 8270C/DoD
Preparation: 3540C

MS Lab Sample ID:	240-17317-7	Units:	ug/Kg	MSD Lab Sample ID:	240-17317-7
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	11/21/2012 1401			Analysis Date:	11/21/2012 1425
Prep Date:	11/16/2012 1146			Prep Date:	11/16/2012 1146
Leach Date:	11/09/2012 1400			Leach Date:	11/09/2012 1400

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Acenaphthene	17		665	658	475		442	
Acenaphthylene	9.2		665	658	472		439	
Anthracene	48		665	658	524		496	
Benzo[a]anthracene	270		665	658	743		700	
Benzo[a]pyrene	330		665	658	681		633	J
Benzo[b]fluoranthene	520		665	658	896		839	
Benzo[g,h,i]perylene	260		665	658	588		496	J
Benzoic acid	330	U	665	658	330	U	330	U
Benzo[k]fluoranthene	180		665	658	632		595	
Benzyl alcohol	27	U	665	658	448		440	
Bis(2-chloroethoxy)methane	27	U	665	658	415		407	
Bis(2-chloroethyl)ether	3.3	U	665	658	408		387	
bis (2-chloroisopropyl) ether	27	U	665	658	400		379	
Bis(2-ethylhexyl) phthalate	34	J	665	658	503		481	
4-Bromophenyl phenyl ether	27	U	665	658	474		451	
Butyl benzyl phthalate	27	U	665	658	485		466	
Carbazole	44	J	665	658	472		453	
4-Chloroaniline	27	U	665	658	55.8	J	83.2	J
4-Chloro-3-methylphenol	27	U	665	658	505		485	
2-Chloronaphthalene	3.3	U	665	658	441		407	
2-Chlorophenol	27	U	665	658	418		416	
4-Chlorophenyl phenyl ether	27	U	665	658	482		447	
Chrysene	340		665	658	783		751	
Dibenz(a,h)anthracene	57		665	658	412		364	
Dibenzofuran	15	J	665	658	473		438	
1,4-Dichlorobenzene	27	U	665	658	400		377	
1,2-Dichlorobenzene	27	U	665	658	379		365	
1,3-Dichlorobenzene	27	U	665	658	370		344	
3,3'-Dichlorobenzidine	80	U	665	658	25.2	J	37.3	J
2,4-Dichlorophenol	27	U	665	658	479		458	
Diethyl phthalate	22	J	665	658	501		476	
2,4-Dimethylphenol	80	U	665	658	429		413	
Dimethyl phthalate	27	U	665	658	499		459	
Di-n-butyl phthalate	19	J	665	658	518		497	
4,6-Dinitro-2-methylphenol	80	U	665	658	338		290	
2,4-Dinitrophenol	80	U	665	658	247	J	236	J
2,4-Dinitrotoluene	27	U	665	658	490		463	
2,6-Dinitrotoluene	27	U	665	658	505		483	
Di-n-octyl phthalate	27	U	665	658	496		473	
Fluoranthene	650		665	658	1070		1000	J
Fluorene	16		665	658	494		456	
Hexachlorobenzene	3.3	U	665	658	482		458	
Hexachlorobutadiene	27	U	665	658	411		405	

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-65352

Method: 8270C/DoD
Preparation: 3540C

MS Lab Sample ID:	240-17317-7	Units: ug/Kg	
Client Matrix:	Solid		
Dilution:	1.0		
Analysis Date:	11/21/2012 1401		
Prep Date:	11/16/2012 1146		
Leach Date:	11/09/2012 1400		

MSD Lab Sample ID:	240-17317-7
Client Matrix:	Solid
Dilution:	1.0
Analysis Date:	11/21/2012 1425
Prep Date:	11/16/2012 1146
Leach Date:	11/09/2012 1400

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Hexachloroethane	27	U	665	658	356	325
Indeno[1,2,3-cd]pyrene	220		665	658	569	491
Isophorone	16	J	665	658	470	447
2-Methylnaphthalene	30		665	658	469	435
2-Methylphenol	80	U	665	658	444	410
3 & 4 Methylphenol	80	U	1330	1320	890	860
Naphthalene	24		665	658	450	427
2-Nitroaniline	27	U	665	658	504	481
3-Nitroaniline	80	U	665	658	202	222
4-Nitroaniline	27	U	665	658	242	272
Nitrobenzene	3.3	U	665	658	416	402
2-Nitrophenol	27	U	665	658	460	453
4-Nitrophenol	80	U	665	658	510	470
N-Nitrosodi-n-propylamine	27	U	665	658	442	425
N-Nitrosodiphenylamine	27	U	665	658	475	462
Pentachlorophenol	80	U	665	658	445	417
Phenanthrene	250		665	658	697	653
Phenol	27	U	665	658	455	436
Pyrene	480		665	658	881	840
1,2,4-Trichlorobenzene	27	U	665	658	392	379
2,4,5-Trichlorophenol	27	U	665	658	512	478
2,4,6-Trichlorophenol	80	U	665	658	513	481

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Method Blank - Batch: 240-65386

Method: 8270C/DoD
Preparation: 3540C

Lab Sample ID:	MB 240-65386/21-A	Analysis Batch:	240-66702	Instrument ID:	A4HP9
Client Matrix:	Solid	Prep Batch:	240-65386	Lab File ID:	21129004.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	11/29/2012 0913	Units:	ug/Kg	Final Weight/Volume:	2 mL
Prep Date:	11/16/2012 1326			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Acenaphthene	3.3	U	3.3	6.7
Acenaphthylene	3.3	U	3.3	6.7
Anthracene	3.3	U	3.3	6.7
Benzo[a]anthracene	3.3	U	3.3	6.7
Benzo[a]pyrene	3.3	U	3.3	6.7
Benzo[b]fluoranthene	3.3	U	3.3	6.7
Benzo[g,h,i]perylene	3.3	U	3.3	6.7
Benzoic acid	330	U	330	660
Benzo[k]fluoranthene	3.3	U	3.3	6.7
Benzyl alcohol	27	U	21	330
Bis(2-chloroethoxy)methane	27	U	22	100
Bis(2-chloroethyl)ether	3.3	U	2.0	100
bis (2-chloroisopropyl) ether	27	U	9.5	100
Bis(2-ethylhexyl) phthalate	27	U	19	50
4-Bromophenyl phenyl ether	27	U	13	50
Butyl benzyl phthalate	27	U	10	50
Carbazole	27	U	27	50
4-Chloroaniline	27	U	17	150
4-Chloro-3-methylphenol	27	U	21	150
2-Chloronaphthalene	3.3	U	3.3	50
2-Chlorophenol	27	U	27	50
4-Chlorophenyl phenyl ether	27	U	13	50
Chrysene	3.3	U	1.1	6.7
Dibenz(a,h)anthracene	3.3	U	3.3	6.7
Dibenzofuran	3.3	U	3.3	50
1,4-Dichlorobenzene	27	U	20	50
1,2-Dichlorobenzene	27	U	9.7	50
1,3-Dichlorobenzene	27	U	11	50
3,3'-Dichlorobenzidine	80	U	18	100
2,4-Dichlorophenol	27	U	20	150
Diethyl phthalate	27	U	16	50
2,4-Dimethylphenol	80	U	20	150
Dimethyl phthalate	27	U	17	50
Di-n-butyl phthalate	27	U	15	50
4,6-Dinitro-2-methylphenol	80	U	80	150
2,4-Dinitrophenol	80	U	80	330
2,4-Dinitrotoluene	27	U	27	200
2,6-Dinitrotoluene	27	U	21	200
Di-n-octyl phthalate	27	U	27	50
Fluoranthene	3.3	U	3.3	6.7
Fluorene	3.3	U	3.3	6.7
Hexachlorobenzene	3.3	U	2.1	6.7
Hexachlorobutadiene	27	U	27	50
Hexachlorocyclopentadiene	27	U	27	330
Hexachloroethane	27	U	9.0	50

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Method Blank - Batch: 240-65386

Method: 8270C/DoD
Preparation: 3540C

Lab Sample ID:	MB 240-65386/21-A	Analysis Batch:	240-66702	Instrument ID:	A4HP9
Client Matrix:	Solid	Prep Batch:	240-65386	Lab File ID:	21129004.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	11/29/2012 0913	Units:	ug/Kg	Final Weight/Volume:	2 mL
Prep Date:	11/16/2012 1326			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Indeno[1,2,3-cd]pyrene	3.3	U	3.3	6.7
Isophorone	27	U	13	50
2-Methylnaphthalene	3.3	U	3.3	6.7
2-Methylphenol	80	U	80	200
3 & 4 Methylphenol	80	U	20	400
Naphthalene	3.3	U	3.3	6.7
2-Nitroaniline	27	U	9.1	200
3-Nitroaniline	80	U	16	200
4-Nitroaniline	27	U	26	200
Nitrobenzene	3.3	U	2.2	100
2-Nitrophenol	27	U	27	50
4-Nitrophenol	80	U	80	330
N-Nitrosodi-n-propylamine	27	U	27	50
N-Nitrosodiphenylamine	27	U	21	50
Pentachlorophenol	80	U	80	150
Phenanthrene	3.3	U	3.3	6.7
Phenol	27	U	27	50
Pyrene	3.3	U	3.3	6.7
1,2,4-Trichlorobenzene	27	U	27	50
2,4,5-Trichlorophenol	27	U	25	150
2,4,6-Trichlorophenol	80	U	80	150

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl (Surr)	75	45 - 105
2-Fluorophenol (Surr)	78	35 - 105
Nitrobenzene-d5 (Surr)	81	35 - 100
Terphenyl-d14 (Surr)	86	30 - 125
2,4,6-Tribromophenol (Surr)	67	35 - 125
Phenol-d5 (Surr)	84	40 - 100

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Lab Control Sample - Batch: 240-65386

Method: 8270C/DoD
Preparation: 3540C

Lab Sample ID:	LCS 240-65386/22-A	Analysis Batch:	240-66702	Instrument ID:	A4HP9
Client Matrix:	Solid	Prep Batch:	240-65386	Lab File ID:	21129005.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	11/29/2012 0938	Units:	ug/Kg	Final Weight/Volume:	2 mL
Prep Date:	11/16/2012 1326			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acenaphthene	667	463	69	45 - 110	
Acenaphthylene	667	477	72	45 - 105	
Anthracene	667	533	80	55 - 105	
Benzo[a]anthracene	667	510	76	50 - 110	
Benzo[a]pyrene	667	453	68	50 - 110	
Benzo[b]fluoranthene	667	487	73	45 - 115	
Benzo[g,h,i]perylene	667	516	77	40 - 125	
Benzoic acid	667	330	44	0 - 110	U
Benzo[k]fluoranthene	667	495	74	45 - 125	
Benzyl alcohol	667	458	69	20 - 125	
Bis(2-chloroethoxy)methane	667	443	66	45 - 110	
Bis(2-chloroethyl)ether	667	434	65	40 - 105	
bis (2-chloroisopropyl) ether	667	432	65	20 - 115	
Bis(2-ethylhexyl) phthalate	667	535	80	45 - 125	
4-Bromophenyl phenyl ether	667	531	80	45 - 115	
Butyl benzyl phthalate	667	516	77	50 - 125	
Carbazole	667	536	80	45 - 115	
4-Chloroaniline	667	282	42	10 - 110	
4-Chloro-3-methylphenol	667	511	77	45 - 115	
2-Chloronaphthalene	667	452	68	45 - 105	
2-Chlorophenol	667	443	66	45 - 105	
4-Chlorophenyl phenyl ether	667	499	75	45 - 110	
Chrysene	667	527	79	55 - 110	
Dibenz(a,h)anthracene	667	510	76	40 - 125	
Dibenzofuran	667	483	72	50 - 105	
1,4-Dichlorobenzene	667	406	61	35 - 105	
1,2-Dichlorobenzene	667	422	63	45 - 110	
1,3-Dichlorobenzene	667	402	60	40 - 100	
3,3'-Dichlorobenzidine	667	316	47	10 - 130	
2,4-Dichlorophenol	667	460	69	45 - 110	
Diethyl phthalate	667	531	80	50 - 115	
2,4-Dimethylphenol	667	299	45	30 - 105	
Dimethyl phthalate	667	508	76	50 - 110	
Di-n-butyl phthalate	667	544	82	55 - 110	
4,6-Dinitro-2-methylphenol	667	499	75	30 - 135	
2,4-Dinitrophenol	667	483	72	15 - 130	
2,4-Dinitrotoluene	667	574	86	50 - 115	
2,6-Dinitrotoluene	667	580	87	50 - 110	
Di-n-octyl phthalate	667	475	71	40 - 130	
Fluoranthene	667	545	82	55 - 115	
Fluorene	667	485	73	50 - 110	
Hexachlorobenzene	667	513	77	45 - 120	
Hexachlorobutadiene	667	404	61	40 - 115	
Hexachloroethane	667	410	61	35 - 110	
Indeno[1,2,3-cd]pyrene	667	507	76	40 - 120	
Isophorone	667	456	68	45 - 110	

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Lab Control Sample - Batch: 240-65386

Method: 8270C/DoD
Preparation: 3540C

Lab Sample ID:	LCS 240-65386/22-A	Analysis Batch:	240-66702	Instrument ID:	A4HP9
Client Matrix:	Solid	Prep Batch:	240-65386	Lab File ID:	21129005.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	11/29/2012 0938	Units:	ug/Kg	Final Weight/Volume:	2 mL
Prep Date:	11/16/2012 1326			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
2-Methylnaphthalene	667	428	64	45 - 105	
2-Methylphenol	667	427	64	40 - 105	
3 & 4 Methylphenol	1330	892	67	40 - 105	
Naphthalene	667	438	66	40 - 105	
2-Nitroaniline	667	567	85	45 - 120	
3-Nitroaniline	667	455	68	25 - 110	
4-Nitroaniline	667	548	82	35 - 115	
Nitrobenzene	667	453	68	40 - 115	
2-Nitrophenol	667	461	69	40 - 110	
4-Nitrophenol	667	543	81	15 - 140	
N-Nitrosodi-n-propylamine	667	439	66	40 - 115	
N-Nitrosodiphenylamine	667	521	78	50 - 115	
Pentachlorophenol	667	380	57	25 - 120	
Phenanthrene	667	519	78	50 - 110	
Phenol	667	450	68	40 - 100	
Pyrene	667	498	75	45 - 125	
1,2,4-Trichlorobenzene	667	403	60	45 - 110	
2,4,5-Trichlorophenol	667	491	74	50 - 110	
2,4,6-Trichlorophenol	667	481	72	45 - 110	

Surrogate	% Rec	Acceptance Limits
2-Fluorobiphenyl (Surr)	66	45 - 105
2-Fluorophenol (Surr)	65	35 - 105
Nitrobenzene-d5 (Surr)	68	35 - 100
Terphenyl-d14 (Surr)	83	30 - 125
2,4,6-Tribromophenol (Surr)	82	35 - 125
Phenol-d5 (Surr)	68	40 - 100

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-65386

Method: 8270C/DoD
Preparation: 3540C

MS Lab Sample ID:	240-17317-19	Analysis Batch:	240-66702	Instrument ID:	A4HP9
Client Matrix:	Solid	Prep Batch:	240-65386	Lab File ID:	21129018.D
Dilution:	1.0	Leach Batch:	240-64879	Initial Weight/Volume:	29.86 g
Analysis Date:	11/29/2012 1620			Final Weight/Volume:	2 mL
Prep Date:	11/16/2012 1326			Injection Volume:	1 uL
Leach Date:	11/09/2012 1400				

MSD Lab Sample ID:	240-17317-19	Analysis Batch:	240-66702	Instrument ID:	A4HP9
Client Matrix:	Solid	Prep Batch:	240-65386	Lab File ID:	21129019.D
Dilution:	1.0	Leach Batch:	240-64879	Initial Weight/Volume:	30.40 g
Analysis Date:	11/29/2012 1645			Final Weight/Volume:	2 mL
Prep Date:	11/16/2012 1326			Injection Volume:	1 uL
Leach Date:	11/09/2012 1400				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Acenaphthene	63	74	45 - 110	14	30		
Acenaphthylene	62	75	45 - 105	16	30		
Anthracene	70	75	55 - 105	6	30		
Benzo[a]anthracene	63	68	50 - 110	5	30		
Benzo[a]pyrene	55	61	50 - 110	8	30		
Benzo[b]fluoranthene	59	71	45 - 115	14	30		
Benzo[g,h,i]perylene	32	35	40 - 125	4	30	J	J
Benzoic acid	53	61	0 - 110	13	30	J	J
Benzo[k]fluoranthene	66	72	45 - 125	7	30		
Benzyl alcohol	69	84	20 - 125	18	30		
Bis(2-chloroethoxy)methane	62	73	45 - 110	14	30		
Bis(2-chloroethyl)ether	63	77	40 - 105	19	30		
bis (2-chloroisopropyl) ether	62	76	20 - 115	19	30		
Bis(2-ethylhexyl) phthalate	61	70	45 - 125	10	30		
4-Bromophenyl phenyl ether	65	73	45 - 115	11	30		
Butyl benzyl phthalate	67	78	50 - 125	13	30		
Carbazole	67	74	45 - 115	9	30		
4-Chloroaniline	3	3	10 - 95	12	30	J	J
4-Chloro-3-methylphenol	69	83	45 - 115	16	30		
2-Chloronaphthalene	62	71	45 - 105	12	30		
2-Chlorophenol	64	75	45 - 105	14	30		
4-Chlorophenyl phenyl ether	64	74	45 - 110	12	30		
Chrysene	63	72	55 - 110	10	30		
Dibenz(a,h)anthracene	43	47	40 - 125	7	30		
Dibenzofuran	64	73	50 - 105	12	30		
1,4-Dichlorobenzene	53	71	35 - 105	28	30		
1,2-Dichlorobenzene	55	71	45 - 95	24	30		
1,3-Dichlorobenzene	49	66	40 - 100	27	30		
3,3'-Dichlorobenzidine	0	0	10 - 130	NC	30	U J	U J
2,4-Dichlorophenol	69	78	45 - 110	10	30		
Diethyl phthalate	65	74	50 - 115	10	30		
2,4-Dimethylphenol	65	77	30 - 105	14	30		
Dimethyl phthalate	67	76	50 - 110	11	30		

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-65386

Method: 8270C/DoD
Preparation: 3540C

MS Lab Sample ID:	240-17317-19	Analysis Batch:	240-66702	Instrument ID:	A4HP9
Client Matrix:	Solid	Prep Batch:	240-65386	Lab File ID:	21129018.D
Dilution:	1.0	Leach Batch:	240-64879	Initial Weight/Volume:	29.86 g
Analysis Date:	11/29/2012 1620			Final Weight/Volume:	2 mL
Prep Date:	11/16/2012 1326			Injection Volume:	1 uL
Leach Date:	11/09/2012 1400				

MSD Lab Sample ID:	240-17317-19	Analysis Batch:	240-66702	Instrument ID:	A4HP9
Client Matrix:	Solid	Prep Batch:	240-65386	Lab File ID:	21129019.D
Dilution:	1.0	Leach Batch:	240-64879	Initial Weight/Volume:	30.40 g
Analysis Date:	11/29/2012 1645			Final Weight/Volume:	2 mL
Prep Date:	11/16/2012 1326			Injection Volume:	1 uL
Leach Date:	11/09/2012 1400				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Di-n-butyl phthalate	72	79	55 - 110	7	30		
4,6-Dinitro-2-methylphenol	53	61	30 - 135	12	30		
2,4-Dinitrophenol	50	60	15 - 130	16	30		
2,4-Dinitrotoluene	70	82	50 - 115	14	30		
2,6-Dinitrotoluene	73	82	50 - 110	11	30		
Di-n-octyl phthalate	79	95	40 - 130	17	30		
Fluoranthene	69	70	55 - 115	0	30		
Fluorene	65	72	50 - 110	8	30		
Hexachlorobenzene	64	72	45 - 120	10	30		
Hexachlorobutadiene	54	66	40 - 115	18	30		
Hexachloroethane	19	21	35 - 110	9	30	J	J
Indeno[1,2,3-cd]pyrene	39	42	40 - 120	6	30	J	
Isophorone	65	78	45 - 110	15	30		
2-Methylnaphthalene	62	72	45 - 105	12	30		
2-Methylphenol	70	83	40 - 105	16	30		
3 & 4 Methylphenol	69	82	40 - 105	15	30		
Naphthalene	60	72	40 - 105	16	30		
2-Nitroaniline	73	80	45 - 120	8	30		
3-Nitroaniline	0	0	25 - 110	NC	30	U J	U J
4-Nitroaniline	0	0	35 - 115	NC	30	U J	U J
Nitrobenzene	63	71	40 - 115	11	30		
2-Nitrophenol	64	76	40 - 110	15	30		
4-Nitrophenol	66	77	15 - 140	13	30		
N-Nitrosodi-n-propylamine	66	81	40 - 115	18	30		
N-Nitrosodiphenylamine	65	72	50 - 115	8	30		
Pentachlorophenol	57	64	25 - 120	9	30		
Phenanthrene	67	70	50 - 110	2	30		
Phenol	69	83	40 - 100	16	30		
Pyrene	60	65	45 - 125	5	30		
1,2,4-Trichlorobenzene	55	63	45 - 110	11	30		
2,4,5-Trichlorophenol	66	75	50 - 110	11	30		
2,4,6-Trichlorophenol	67	79	45 - 110	15	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
2-Fluorobiphenyl (Surr)	60	68	45 - 105
2-Fluorophenol (Surr)	64	73	35 - 105
Nitrobenzene-d5 (Surr)	63	73	35 - 100
Terphenyl-d14 (Surr)	65	73	30 - 125
2,4,6-Tribromophenol (Surr)	71	79	35 - 125
Phenol-d5 (Surr)	67	79	40 - 100

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-65386

Method: 8270C/DoD
Preparation: 3540C

MS Lab Sample ID:	240-17317-19	Units:	ug/Kg	MSD Lab Sample ID:	240-17317-19
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	11/29/2012 1620			Analysis Date:	11/29/2012 1645
Prep Date:	11/16/2012 1326			Prep Date:	11/16/2012 1326
Leach Date:	11/09/2012 1400			Leach Date:	11/09/2012 1400

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Acenaphthene	7.1		670	658	428		492	
Acenaphthylene	13		670	658	432		506	
Anthracene	16		670	658	482		512	
Benzo[a]anthracene	71		670	658	491		516	
Benzo[a]pyrene	69		670	658	438		473	
Benzo[b]fluoranthene	110		670	658	500		577	
Benzo[g,h,i]perylene	39		670	658	256	J	266	J
Benzoic acid	340	U	670	658	354	J	404	J
Benzo[k]fluoranthene	38		670	658	481		515	
Benzyl alcohol	27	U	670	658	461		550	
Bis(2-chloroethoxy)methane	27	U	670	658	417		479	
Bis(2-chloroethyl)ether	3.3	U	670	658	421		509	
bis (2-chloroisopropyl) ether	27	U	670	658	412		500	
Bis(2-ethylhexyl) phthalate	89		670	658	496		549	
4-Bromophenyl phenyl ether	27	U	670	658	432		481	
Butyl benzyl phthalate	27	U	670	658	449		512	
Carbazole	27	U	670	658	448		489	
4-Chloroaniline	27	U	670	658	21.1	J	18.8	J
4-Chloro-3-methylphenol	27	U	670	658	461		543	
2-Chloronaphthalene	3.3	U	670	658	416		469	
2-Chlorophenol	27	U	670	658	430		496	
4-Chlorophenyl phenyl ether	27	U	670	658	428		484	
Chrysene	73		670	658	493		546	
Dibenz(a,h)anthracene	3.3	U	670	658	287		308	
Dibenzofuran	14	J	670	658	441		496	
1,4-Dichlorobenzene	27	U	670	658	353		469	
1,2-Dichlorobenzene	27	U	670	658	366		466	
1,3-Dichlorobenzene	27	U	670	658	331		434	
3,3'-Dichlorobenzidine	81	U	670	658	80	U J	79	U J
2,4-Dichlorophenol	27	U	670	658	465		515	
Diethyl phthalate	23	J	670	658	461		509	
2,4-Dimethylphenol	81	U	670	658	436		503	
Dimethyl phthalate	27	U	670	658	449		500	
Di-n-butyl phthalate	27	U	670	658	485		520	
4,6-Dinitro-2-methylphenol	81	U	670	658	353		398	
2,4-Dinitrophenol	81	U	670	658	335		394	
2,4-Dinitrotoluene	27	U	670	658	469		538	
2,6-Dinitrotoluene	27	U	670	658	487		541	
Di-n-octyl phthalate	27	U	670	658	527		623	
Fluoranthene	120		670	658	583		584	
Fluorene	12		670	658	446		485	
Hexachlorobenzene	3.3	U	670	658	426		471	
Hexachlorobutadiene	27	U	670	658	361		432	

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-65386

Method: 8270C/DoD
Preparation: 3540C

MS Lab Sample ID:	240-17317-19	Units: ug/Kg	
Client Matrix:	Solid		
Dilution:	1.0		
Analysis Date:	11/29/2012 1620		
Prep Date:	11/16/2012 1326		
Leach Date:	11/09/2012 1400		

MSD Lab Sample ID:	240-17317-19
Client Matrix:	Solid
Dilution:	1.0
Analysis Date:	11/29/2012 1645
Prep Date:	11/16/2012 1326
Leach Date:	11/09/2012 1400

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Hexachloroethane	27	U	670	658	128	J	140	J
Indeno[1,2,3-cd]pyrene	33		670	658	293	J	311	
Isophorone	18	J	670	658	454		530	
2-Methylnaphthalene	30		670	658	443		501	
2-Methylphenol	81	U	670	658	467		549	
3 & 4 Methylphenol	81	U	1340	1320	929		1080	
Naphthalene	22		670	658	425		497	
2-Nitroaniline	27	U	670	658	488		527	
3-Nitroaniline	81	U	670	658	80	U J	79	U J
4-Nitroaniline	27	U	670	658	27	U J	27	U J
Nitrobenzene	3.3	U	670	658	420		470	
2-Nitrophenol	27	U	670	658	429		500	
4-Nitrophenol	81	U	670	658	445		505	
N-Nitrosodi-n-propylamine	27	U	670	658	443		530	
N-Nitrosodiphenylamine	27	U	670	658	437		475	
Pentachlorophenol	81	U	670	658	383		418	
Phenanthrene	68		670	658	517		526	
Phenol	27	U	670	658	465		545	
Pyrene	100		670	658	510		535	
1,2,4-Trichlorobenzene	27	U	670	658	370		412	
2,4,5-Trichlorophenol	27	U	670	658	444		494	
2,4,6-Trichlorophenol	81	U	670	658	449		521	

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Method Reporting Limit Check - Batch: 240-65876 **Method: 8270C/DoD**
Preparation: N/A

Lab Sample ID:	MRL 240-65876/4	Analysis Batch:	240-65876	Instrument ID:	A4HP7
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	21121004.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/21/2012 1228	Units:	ng/uL	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acenaphthene	5.00	5.15	103	70 - 130	
Acenaphthylene	5.00	5.11	102	70 - 130	
Anthracene	5.00	5.10	102	70 - 130	
Benzo[a]anthracene	5.00	5.20	104	70 - 130	
Benzo[a]pyrene	5.00	5.06	101	70 - 130	
Benzo[b]fluoranthene	5.00	5.41	108	70 - 130	
Benzo[g,h,i]perylene	5.00	5.65	113	70 - 130	
Benzoic acid	10.0	9.50	95	70 - 130	
Benzo[k]fluoranthene	5.00	5.37	107	70 - 130	
Benzyl alcohol	5.00	5.18	104	70 - 130	
Bis(2-chloroethoxy)methane	5.00	4.97	99	70 - 130	
Bis(2-chloroethyl)ether	5.00	5.02	100	70 - 130	
Bis(2-ethylhexyl) phthalate	5.00	5.09	102	70 - 130	
4-Bromophenyl phenyl ether	5.00	5.36	107	70 - 130	
Butyl benzyl phthalate	5.00	5.14	103	70 - 130	
Carbazole	5.00	5.02	100	70 - 130	
4-Chloro-3-methylphenol	5.00	5.06	101	70 - 130	
2-Chloronaphthalene	5.00	5.11	102	70 - 130	
2-Chlorophenol	5.00	5.00	100	70 - 130	
4-Chlorophenyl phenyl ether	5.00	5.29	106	70 - 130	
Chrysene	5.00	5.07	101	70 - 130	
Dibenz(a,h)anthracene	5.00	5.14	103	70 - 130	
Dibenzofuran	5.00	5.04	101	70 - 130	
1,4-Dichlorobenzene	5.00	4.97	99	70 - 130	
1,2-Dichlorobenzene	5.00	5.11	102	70 - 130	
1,3-Dichlorobenzene	5.00	5.01	100	70 - 130	
3,3'-Dichlorobenzidine	5.00	5.19	104	70 - 130	
2,4-Dichlorophenol	5.00	5.23	105	70 - 130	
Diethyl phthalate	5.00	5.11	102	70 - 130	
2,4-Dimethylphenol	5.00	5.00	100	70 - 130	
Dimethyl phthalate	5.00	5.14	103	70 - 130	
Di-n-butyl phthalate	5.00	5.10	102	70 - 130	
4,6-Dinitro-2-methylphenol	5.00	5.28	106	70 - 130	
2,4-Dinitrophenol	10.0	10.2	102	70 - 130	
2,4-Dinitrotoluene	5.00	5.26	105	70 - 130	
2,6-Dinitrotoluene	5.00	5.33	107	70 - 130	
Di-n-octyl phthalate	5.00	4.97	99	70 - 130	
Fluoranthene	5.00	5.10	102	70 - 130	
Fluorene	5.00	5.16	103	70 - 130	
Hexachlorobenzene	5.00	5.03	101	70 - 130	
Hexachlorobutadiene	5.00	4.87	97	70 - 130	
Hexachloroethane	5.00	4.79	96	70 - 130	
Indeno[1,2,3-cd]pyrene	5.00	5.29	106	70 - 130	
Isophorone	5.00	5.26	105	70 - 130	
2-Methylnaphthalene	5.00	5.12	102	70 - 130	
2-Methylphenol	5.00	4.95	99	70 - 130	

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Method Reporting Limit Check - Batch: 240-65876 **Method: 8270C/DoD**
Preparation: N/A

Lab Sample ID:	MRL 240-65876/4	Analysis Batch:	240-65876	Instrument ID:	A4HP7
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	21121004.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/21/2012 1228	Units:	ng/uL	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
3 & 4 Methylphenol	5.00	4.93	99	70 - 130	
Naphthalene	5.00	5.05	101	70 - 130	
2-Nitroaniline	5.00	5.42	108	70 - 130	
3-Nitroaniline	5.00	5.34	107	70 - 130	
4-Nitroaniline	5.00	5.23	105	70 - 130	
Nitrobenzene	5.00	5.23	105	70 - 130	
2-Nitrophenol	5.00	5.08	102	70 - 130	
4-Nitrophenol	5.00	5.04	101	70 - 130	
N-Nitrosodi-n-propylamine	5.00	5.22	104	70 - 130	
N-Nitrosodiphenylamine	5.00	4.97	99	70 - 130	
Pentachlorophenol	10.0	10.2	102	70 - 130	
Phenanthrene	5.00	4.94	99	70 - 130	
Phenol	5.00	5.10	102	70 - 130	
Pyrene	5.00	4.99	100	70 - 130	
1,2,4-Trichlorobenzene	5.00	5.09	102	70 - 130	
2,4,5-Trichlorophenol	5.00	5.44	109	70 - 130	
2,4,6-Trichlorophenol	5.00	5.52	110	70 - 130	

Surrogate	% Rec		Acceptance Limits
2-Fluorobiphenyl (Surr)	102		50 - 150
2-Fluorophenol (Surr)	101		50 - 150
Nitrobenzene-d5 (Surr)	105	Q	50 - 150
Terphenyl-d14 (Surr)	102		50 - 150
2,4,6-Tribromophenol (Surr)	112		50 - 150
Phenol-d5 (Surr)	100		50 - 150

Method Reporting Limit Check - Batch: 240-65876 **Method: 8270C/DoD**
Preparation: N/A

Lab Sample ID:	MRL 240-65876/17	Analysis Batch:	240-65876	Instrument ID:	A4HP7
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	21121017.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/21/2012 1733	Units:	ng/uL	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acenaphthene	5.00	5.02	100	70 - 130	
Acenaphthylene	5.00	5.04	101	70 - 130	
Anthracene	5.00	5.11	102	70 - 130	
Benzo[a]anthracene	5.00	5.25	105	70 - 130	
Benzo[a]pyrene	5.00	5.15	103	70 - 130	
Benzo[b]fluoranthene	5.00	5.68	114	70 - 130	
Benzo[g,h,i]perylene	5.00	3.10	62	70 - 130	^

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Method Reporting Limit Check - Batch: 240-65876 **Method: 8270C/DoD**
Preparation: N/A

Lab Sample ID:	MRL 240-65876/17	Analysis Batch:	240-65876	Instrument ID:	A4HP7
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	21121017.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/21/2012 1733	Units:	ng/uL	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzoic acid	10.0	10.0	100	70 - 130	
Benzo[k]fluoranthene	5.00	5.65	113	70 - 130	
Benzyl alcohol	5.00	5.21	104	70 - 130	
Bis(2-chloroethoxy)methane	5.00	5.02	100	70 - 130	
Bis(2-chloroethyl)ether	5.00	4.99	100	70 - 130	
Bis(2-ethylhexyl) phthalate	5.00	5.36	107	70 - 130	
4-Bromophenyl phenyl ether	5.00	5.04	101	70 - 130	
Butyl benzyl phthalate	5.00	5.36	107	70 - 130	
Carbazole	5.00	5.01	100	70 - 130	
4-Chloro-3-methylphenol	5.00	5.41	108	70 - 130	
2-Chloronaphthalene	5.00	4.96	99	70 - 130	
2-Chlorophenol	5.00	5.12	102	70 - 130	
4-Chlorophenyl phenyl ether	5.00	5.24	105	70 - 130	
Chrysene	5.00	5.15	103	70 - 130	
Dibenz(a,h)anthracene	5.00	3.60	72	70 - 130	
Dibenzofuran	5.00	4.95	99	70 - 130	
1,4-Dichlorobenzene	5.00	4.88	98	70 - 130	
1,2-Dichlorobenzene	5.00	4.91	98	70 - 130	
1,3-Dichlorobenzene	5.00	4.95	99	70 - 130	
3,3'-Dichlorobenzidine	5.00	5.24	105	70 - 130	
2,4-Dichlorophenol	5.00	5.23	105	70 - 130	
Diethyl phthalate	5.00	5.21	104	70 - 130	
2,4-Dimethylphenol	5.00	5.30	106	70 - 130	
Dimethyl phthalate	5.00	5.20	104	70 - 130	
Di-n-butyl phthalate	5.00	5.24	105	70 - 130	
4,6-Dinitro-2-methylphenol	5.00	2.95	59	70 - 130	^
2,4-Dinitrophenol	10.0	4.99	50	70 - 130	^
2,4-Dinitrotoluene	5.00	5.25	105	70 - 130	
2,6-Dinitrotoluene	5.00	5.38	108	70 - 130	
Di-n-octyl phthalate	5.00	6.34	127	70 - 130	
Fluoranthene	5.00	5.19	104	70 - 130	
Fluorene	5.00	5.08	102	70 - 130	
Hexachlorobenzene	5.00	5.11	102	70 - 130	
Hexachlorobutadiene	5.00	4.92	98	70 - 130	
Hexachloroethane	5.00	4.61	92	70 - 130	
Indeno[1,2,3-cd]pyrene	5.00	3.48	70	70 - 130	
Isophorone	5.00	5.36	107	70 - 130	
2-Methylnaphthalene	5.00	5.11	102	70 - 130	
2-Methylphenol	5.00	5.12	102	70 - 130	
3 & 4 Methylphenol	5.00	4.98	100	70 - 130	
Naphthalene	5.00	4.98	100	70 - 130	
2-Nitroaniline	5.00	5.66	113	70 - 130	
3-Nitroaniline	5.00	5.53	111	70 - 130	
4-Nitroaniline	5.00	5.39	108	70 - 130	
Nitrobenzene	5.00	5.12	102	70 - 130	
2-Nitrophenol	5.00	5.10	102	70 - 130	

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Method Reporting Limit Check - Batch: 240-65876 **Method: 8270C/DoD**
Preparation: N/A

Lab Sample ID:	MRL 240-65876/17	Analysis Batch:	240-65876	Instrument ID:	A4HP7
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	21121017.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/21/2012 1733	Units:	ng/uL	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
4-Nitrophenol	5.00	5.29	106	70 - 130	
N-Nitrosodi-n-propylamine	5.00	5.23	105	70 - 130	
N-Nitrosodiphenylamine	5.00	0.00080	0	70 - 130	U ^
Pentachlorophenol	10.0	10.1	101	70 - 130	
Phenanthrene	5.00	4.85	97	70 - 130	
Phenol	5.00	5.09	102	70 - 130	
Pyrene	5.00	4.92	98	70 - 130	
1,2,4-Trichlorobenzene	5.00	5.13	103	70 - 130	
2,4,5-Trichlorophenol	5.00	5.42	108	70 - 130	
2,4,6-Trichlorophenol	5.00	5.36	107	70 - 130	

Surrogate	% Rec		Acceptance Limits
2-Fluorobiphenyl (Surr)	99		50 - 150
2-Fluorophenol (Surr)	101		50 - 150
Nitrobenzene-d5 (Surr)	105	Q	50 - 150
Terphenyl-d14 (Surr)	102		50 - 150
2,4,6-Tribromophenol (Surr)	119		50 - 150
Phenol-d5 (Surr)	104	Q	50 - 150

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Method Reporting Limit Check - Batch: 240-66051

Method: 8270C/DoD
Preparation: N/A

Lab Sample ID:	MRL 240-66051/3	Analysis Batch:	240-66051	Instrument ID:	A4HP7
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	21123003.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/23/2012 1018	Units:	ng/uL	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acenaphthene	5.00	4.94	99	70 - 130	
Acenaphthylene	5.00	4.93	99	70 - 130	
Anthracene	5.00	5.01	100	70 - 130	
Benzo[a]anthracene	5.00	5.01	100	70 - 130	
Benzo[a]pyrene	5.00	5.16	103	70 - 130	
Benzo[b]fluoranthene	5.00	5.03	101	70 - 130	
Benzo[g,h,i]perylene	5.00	5.40	108	70 - 130	
Benzoic acid	10.0	8.86	89	70 - 130	
Benzo[k]fluoranthene	5.00	5.30	106	70 - 130	
Benzyl alcohol	5.00	4.88	98	70 - 130	
Bis(2-chloroethoxy)methane	5.00	5.01	100	70 - 130	
Bis(2-chloroethyl)ether	5.00	4.91	98	70 - 130	
Bis(2-ethylhexyl) phthalate	5.00	5.19	104	70 - 130	
4-Bromophenyl phenyl ether	5.00	5.06	101	70 - 130	
Butyl benzyl phthalate	5.00	5.09	102	70 - 130	
Carbazole	5.00	4.97	99	70 - 130	
4-Chloro-3-methylphenol	5.00	5.07	101	70 - 130	
2-Chloronaphthalene	5.00	4.85	97	70 - 130	
2-Chlorophenol	5.00	4.82	96	70 - 130	
4-Chlorophenyl phenyl ether	5.00	4.97	99	70 - 130	
Chrysene	5.00	4.95	99	70 - 130	
Dibenz(a,h)anthracene	5.00	4.89	98	70 - 130	
Dibenzofuran	5.00	4.80	96	70 - 130	
1,4-Dichlorobenzene	5.00	4.91	98	70 - 130	
1,2-Dichlorobenzene	5.00	4.84	97	70 - 130	
1,3-Dichlorobenzene	5.00	4.81	96	70 - 130	
3,3'-Dichlorobenzidine	5.00	5.12	102	70 - 130	
2,4-Dichlorophenol	5.00	5.14	103	70 - 130	
Diethyl phthalate	5.00	4.91	98	70 - 130	
2,4-Dimethylphenol	5.00	5.19	104	70 - 130	
Dimethyl phthalate	5.00	4.95	99	70 - 130	
Di-n-butyl phthalate	5.00	5.20	104	70 - 130	
4,6-Dinitro-2-methylphenol	5.00	5.07	101	70 - 130	
2,4-Dinitrophenol	10.0	9.52	95	70 - 130	
2,4-Dinitrotoluene	5.00	5.07	101	70 - 130	
2,6-Dinitrotoluene	5.00	5.13	103	70 - 130	
Di-n-octyl phthalate	5.00	5.20	104	70 - 130	
Fluoranthene	5.00	5.14	103	70 - 130	
Fluorene	5.00	4.96	99	70 - 130	
Hexachlorobenzene	5.00	5.13	103	70 - 130	
Hexachlorobutadiene	5.00	4.91	98	70 - 130	
Hexachloroethane	5.00	4.93	99	70 - 130	
Indeno[1,2,3-cd]pyrene	5.00	5.10	102	70 - 130	
Isophorone	5.00	5.11	102	70 - 130	
2-Methylnaphthalene	5.00	4.96	99	70 - 130	
2-Methylphenol	5.00	4.98	100	70 - 130	

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Method Reporting Limit Check - Batch: 240-66051 **Method: 8270C/DoD**
Preparation: N/A

Lab Sample ID:	MRL 240-66051/3	Analysis Batch:	240-66051	Instrument ID:	A4HP7
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	21123003.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/23/2012 1018	Units:	ng/uL	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
3 & 4 Methylphenol	5.00	4.90	98	70 - 130	
Naphthalene	5.00	4.87	97	70 - 130	
2-Nitroaniline	5.00	5.46	109	70 - 130	
3-Nitroaniline	5.00	5.23	105	70 - 130	
4-Nitroaniline	5.00	5.06	101	70 - 130	
Nitrobenzene	5.00	5.19	104	70 - 130	
2-Nitrophenol	5.00	5.38	108	70 - 130	
4-Nitrophenol	5.00	5.22	104	70 - 130	
N-Nitrosodi-n-propylamine	5.00	5.23	105	70 - 130	
N-Nitrosodiphenylamine	5.00	5.01	100	70 - 130	
Pentachlorophenol	10.0	9.75	98	70 - 130	
Phenanthrene	5.00	4.95	99	70 - 130	
Phenol	5.00	4.88	98	70 - 130	
Pyrene	5.00	4.97	99	70 - 130	
1,2,4-Trichlorobenzene	5.00	5.00	100	70 - 130	
2,4,5-Trichlorophenol	5.00	5.12	102	70 - 130	
2,4,6-Trichlorophenol	5.00	5.24	105	70 - 130	

Surrogate	% Rec		Acceptance Limits
2-Fluorobiphenyl (Surr)	97		50 - 150
2-Fluorophenol (Surr)	100		50 - 150
Nitrobenzene-d5 (Surr)	104	Q	50 - 150
Terphenyl-d14 (Surr)	101		50 - 150
2,4,6-Tribromophenol (Surr)	106		50 - 150
Phenol-d5 (Surr)	97		50 - 150

Method Reporting Limit Check - Batch: 240-66051 **Method: 8270C/DoD**
Preparation: N/A

Lab Sample ID:	MRL 240-66051/13	Analysis Batch:	240-66051	Instrument ID:	A4HP7
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	21123013.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/23/2012 1435	Units:	ng/uL	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acenaphthene	5.00	5.03	101	70 - 130	
Acenaphthylene	5.00	5.02	100	70 - 130	
Anthracene	5.00	5.00	100	70 - 130	
Benzo[a]anthracene	5.00	5.21	104	70 - 130	
Benzo[a]pyrene	5.00	5.05	101	70 - 130	
Benzo[b]fluoranthene	5.00	5.31	106	70 - 130	
Benzo[g,h,i]perylene	5.00	4.59	92	70 - 130	

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Method Reporting Limit Check - Batch: 240-66051 **Method: 8270C/DoD**
Preparation: N/A

Lab Sample ID:	MRL 240-66051/13	Analysis Batch:	240-66051	Instrument ID:	A4HP7
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	21123013.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/23/2012 1435	Units:	ng/uL	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzoic acid	10.0	10.3	103	70 - 130	
Benzo[k]fluoranthene	5.00	4.90	98	70 - 130	
Benzyl alcohol	5.00	5.10	102	70 - 130	
Bis(2-chloroethoxy)methane	5.00	4.99	100	70 - 130	
Bis(2-chloroethyl)ether	5.00	5.03	101	70 - 130	
Bis(2-ethylhexyl) phthalate	5.00	5.36	107	70 - 130	
4-Bromophenyl phenyl ether	5.00	5.01	100	70 - 130	
Butyl benzyl phthalate	5.00	5.37	107	70 - 130	
Carbazole	5.00	4.91	98	70 - 130	
4-Chloro-3-methylphenol	5.00	5.40	108	70 - 130	
2-Chloronaphthalene	5.00	4.97	99	70 - 130	
2-Chlorophenol	5.00	5.12	102	70 - 130	
4-Chlorophenyl phenyl ether	5.00	5.14	103	70 - 130	
Chrysene	5.00	5.08	102	70 - 130	
Dibenz(a,h)anthracene	5.00	4.66	93	70 - 130	
Dibenzofuran	5.00	4.99	100	70 - 130	
1,4-Dichlorobenzene	5.00	5.00	100	70 - 130	
1,2-Dichlorobenzene	5.00	5.07	101	70 - 130	
1,3-Dichlorobenzene	5.00	4.94	99	70 - 130	
3,3'-Dichlorobenzidine	5.00	5.19	104	70 - 130	
2,4-Dichlorophenol	5.00	5.12	102	70 - 130	
Diethyl phthalate	5.00	5.22	104	70 - 130	
2,4-Dimethylphenol	5.00	5.12	102	70 - 130	
Dimethyl phthalate	5.00	5.19	104	70 - 130	
Di-n-butyl phthalate	5.00	5.14	103	70 - 130	
4,6-Dinitro-2-methylphenol	5.00	4.24	85	70 - 130	
2,4-Dinitrophenol	10.0	8.11	81	70 - 130	
2,4-Dinitrotoluene	5.00	5.46	109	70 - 130	
2,6-Dinitrotoluene	5.00	5.33	107	70 - 130	
Di-n-octyl phthalate	5.00	5.40	108	70 - 130	
Fluoranthene	5.00	5.10	102	70 - 130	
Fluorene	5.00	5.04	101	70 - 130	
Hexachlorobenzene	5.00	4.97	99	70 - 130	
Hexachlorobutadiene	5.00	5.08	102	70 - 130	
Hexachloroethane	5.00	4.90	98	70 - 130	
Indeno[1,2,3-cd]pyrene	5.00	4.66	93	70 - 130	
Isophorone	5.00	5.36	107	70 - 130	
2-Methylnaphthalene	5.00	4.90	98	70 - 130	
2-Methylphenol	5.00	5.08	102	70 - 130	
3 & 4 Methylphenol	5.00	5.17	103	70 - 130	
Naphthalene	5.00	5.01	100	70 - 130	
2-Nitroaniline	5.00	5.54	111	70 - 130	
3-Nitroaniline	5.00	5.54	111	70 - 130	
4-Nitroaniline	5.00	5.47	109	70 - 130	
Nitrobenzene	5.00	5.23	105	70 - 130	
2-Nitrophenol	5.00	5.43	109	70 - 130	

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Method Reporting Limit Check - Batch: 240-66051 **Method: 8270C/DoD**
Preparation: N/A

Lab Sample ID:	MRL 240-66051/13	Analysis Batch:	240-66051	Instrument ID:	A4HP7
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	21123013.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/23/2012 1435	Units:	ng/uL	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
4-Nitrophenol	5.00	5.32	106	70 - 130	
N-Nitrosodi-n-propylamine	5.00	5.43	109	70 - 130	
N-Nitrosodiphenylamine	5.00	4.89	98	70 - 130	
Pentachlorophenol	10.0	9.97	100	70 - 130	
Phenanthrene	5.00	4.72	94	70 - 130	
Phenol	5.00	5.28	106	70 - 130	
Pyrene	5.00	4.96	99	70 - 130	
1,2,4-Trichlorobenzene	5.00	5.26	105	70 - 130	
2,4,5-Trichlorophenol	5.00	5.55	111	70 - 130	
2,4,6-Trichlorophenol	5.00	5.55	111	70 - 130	

Surrogate	% Rec		Acceptance Limits
2-Fluorobiphenyl (Surr)	99		50 - 150
2-Fluorophenol (Surr)	103		50 - 150
Nitrobenzene-d5 (Surr)	107	Q	50 - 150
Terphenyl-d14 (Surr)	101		50 - 150
2,4,6-Tribromophenol (Surr)	113		50 - 150
Phenol-d5 (Surr)	104	Q	50 - 150

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Method Reporting Limit Check - Batch: 240-66702

Method: 8270C/DoD
Preparation: N/A

Lab Sample ID:	MRL 240-66702/3	Analysis Batch:	240-66702	Instrument ID:	A4HP9
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	21129003.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/29/2012 0848	Units:	ng/uL	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acenaphthene	5.00	4.94	99	70 - 130	
Acenaphthylene	5.00	5.05	101	70 - 130	
Anthracene	5.00	5.18	104	70 - 130	
Benzo[a]anthracene	5.00	5.15	103	70 - 130	
Benzo[a]pyrene	5.00	5.19	104	70 - 130	
Benzo[b]fluoranthene	5.00	5.05	101	70 - 130	
Benzo[g,h,i]perylene	5.00	5.24	105	70 - 130	
Benzoic acid	10.0	10.5	105	70 - 130	
Benzo[k]fluoranthene	5.00	5.08	102	70 - 130	
Benzyl alcohol	5.00	5.24	105	70 - 130	
Bis(2-chloroethoxy)methane	5.00	5.26	105	70 - 130	
Bis(2-chloroethyl)ether	5.00	5.09	102	70 - 130	
Bis(2-ethylhexyl) phthalate	5.00	5.23	105	70 - 130	
4-Bromophenyl phenyl ether	5.00	5.13	103	70 - 130	
Butyl benzyl phthalate	5.00	5.15	103	70 - 130	
Carbazole	5.00	5.17	103	70 - 130	
4-Chloro-3-methylphenol	5.00	5.25	105	70 - 130	
2-Chloronaphthalene	5.00	4.78	96	70 - 130	
2-Chlorophenol	5.00	5.08	102	70 - 130	
4-Chlorophenyl phenyl ether	5.00	4.98	100	70 - 130	
Chrysene	5.00	5.16	103	70 - 130	
Dibenz(a,h)anthracene	5.00	5.31	106	70 - 130	
Dibenzofuran	5.00	4.95	99	70 - 130	
1,4-Dichlorobenzene	5.00	5.16	103	70 - 130	
1,2-Dichlorobenzene	5.00	5.06	101	70 - 130	
1,3-Dichlorobenzene	5.00	5.19	104	70 - 130	
3,3'-Dichlorobenzidine	5.00	5.20	104	70 - 130	
2,4-Dichlorophenol	5.00	5.05	101	70 - 130	
Diethyl phthalate	5.00	4.72	94	70 - 130	
2,4-Dimethylphenol	5.00	5.28	106	70 - 130	
Dimethyl phthalate	5.00	4.81	96	70 - 130	
Di-n-butyl phthalate	5.00	5.01	100	70 - 130	
4,6-Dinitro-2-methylphenol	5.00	5.27	105	70 - 130	
2,4-Dinitrophenol	10.0	9.89	99	70 - 130	
2,4-Dinitrotoluene	5.00	5.20	104	70 - 130	
2,6-Dinitrotoluene	5.00	5.06	101	70 - 130	
Di-n-octyl phthalate	5.00	4.95	99	70 - 130	
Fluoranthene	5.00	4.97	99	70 - 130	
Fluorene	5.00	4.83	97	70 - 130	
Hexachlorobenzene	5.00	4.91	98	70 - 130	
Hexachlorobutadiene	5.00	4.95	99	70 - 130	
Hexachloroethane	5.00	4.91	98	70 - 130	
Indeno[1,2,3-cd]pyrene	5.00	5.31	106	70 - 130	
Isophorone	5.00	5.20	104	70 - 130	
2-Methylnaphthalene	5.00	5.17	103	70 - 130	
2-Methylphenol	5.00	5.14	103	70 - 130	

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Method Reporting Limit Check - Batch: 240-66702 **Method: 8270C/DoD**
Preparation: N/A

Lab Sample ID:	MRL 240-66702/3	Analysis Batch:	240-66702	Instrument ID:	A4HP9
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	21129003.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/29/2012 0848	Units:	ng/uL	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
3 & 4 Methylphenol	5.00	5.03	101	70 - 130	
Naphthalene	5.00	5.11	102	70 - 130	
2-Nitroaniline	5.00	5.38	108	70 - 130	
3-Nitroaniline	5.00	5.29	106	70 - 130	
4-Nitroaniline	5.00	5.26	105	70 - 130	
Nitrobenzene	5.00	5.43	109	70 - 130	
2-Nitrophenol	5.00	5.62	112	70 - 130	
4-Nitrophenol	5.00	4.99	100	70 - 130	
N-Nitrosodi-n-propylamine	5.00	5.12	102	70 - 130	
N-Nitrosodiphenylamine	5.00	5.10	102	70 - 130	
Pentachlorophenol	10.0	10.1	101	70 - 130	
Phenanthrene	5.00	4.91	98	70 - 130	
Phenol	5.00	5.49	110	70 - 130	
Pyrene	5.00	5.08	102	70 - 130	
1,2,4-Trichlorobenzene	5.00	5.02	100	70 - 130	
2,4,5-Trichlorophenol	5.00	5.00	100	70 - 130	
2,4,6-Trichlorophenol	5.00	5.00	100	70 - 130	

Surrogate	% Rec		Acceptance Limits
2-Fluorobiphenyl (Surr)	103		50 - 150
2-Fluorophenol (Surr)	106	Q	50 - 150
Nitrobenzene-d5 (Surr)	109	Q	50 - 150
Terphenyl-d14 (Surr)	98		50 - 150
2,4,6-Tribromophenol (Surr)	111		50 - 150
Phenol-d5 (Surr)	106	Q	50 - 150

Method Reporting Limit Check - Batch: 240-66702 **Method: 8270C/DoD**
Preparation: N/A

Lab Sample ID:	MRL 240-66702/14	Analysis Batch:	240-66702	Instrument ID:	A4HP9
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	21129014.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/29/2012 1319	Units:	ng/uL	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acenaphthene	5.00	5.03	101	70 - 130	
Acenaphthylene	5.00	5.01	100	70 - 130	
Anthracene	5.00	5.26	105	70 - 130	
Benzo[a]anthracene	5.00	4.92	98	70 - 130	
Benzo[a]pyrene	5.00	5.15	103	70 - 130	
Benzo[b]fluoranthene	5.00	4.92	98	70 - 130	
Benzo[g,h,i]perylene	5.00	5.06	101	70 - 130	

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Method Reporting Limit Check - Batch: 240-66702 **Method: 8270C/DoD**
Preparation: N/A

Lab Sample ID:	MRL 240-66702/14	Analysis Batch:	240-66702	Instrument ID:	A4HP9
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	21129014.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/29/2012 1319	Units:	ng/uL	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzoic acid	10.0	9.65	97	70 - 130	
Benzo[k]fluoranthene	5.00	4.81	96	70 - 130	
Benzyl alcohol	5.00	4.96	99	70 - 130	
Bis(2-chloroethoxy)methane	5.00	5.24	105	70 - 130	
Bis(2-chloroethyl)ether	5.00	4.96	99	70 - 130	
Bis(2-ethylhexyl) phthalate	5.00	5.39	108	70 - 130	
4-Bromophenyl phenyl ether	5.00	5.07	101	70 - 130	
Butyl benzyl phthalate	5.00	5.46	109	70 - 130	
Carbazole	5.00	5.15	103	70 - 130	
4-Chloro-3-methylphenol	5.00	5.20	104	70 - 130	
2-Chloronaphthalene	5.00	4.99	100	70 - 130	
2-Chlorophenol	5.00	5.14	103	70 - 130	
4-Chlorophenyl phenyl ether	5.00	5.02	100	70 - 130	
Chrysene	5.00	4.95	99	70 - 130	
Dibenz(a,h)anthracene	5.00	5.13	103	70 - 130	
Dibenzofuran	5.00	5.09	102	70 - 130	
1,4-Dichlorobenzene	5.00	4.86	97	70 - 130	
1,2-Dichlorobenzene	5.00	5.08	102	70 - 130	
1,3-Dichlorobenzene	5.00	5.08	102	70 - 130	
3,3'-Dichlorobenzidine	5.00	5.23	105	70 - 130	
2,4-Dichlorophenol	5.00	5.28	106	70 - 130	
Diethyl phthalate	5.00	4.93	99	70 - 130	
2,4-Dimethylphenol	5.00	5.27	105	70 - 130	
Dimethyl phthalate	5.00	4.94	99	70 - 130	
Di-n-butyl phthalate	5.00	5.09	102	70 - 130	
4,6-Dinitro-2-methylphenol	5.00	4.46	89	70 - 130	
2,4-Dinitrophenol	10.0	7.58	76	70 - 130	
2,4-Dinitrotoluene	5.00	5.52	110	70 - 130	
2,6-Dinitrotoluene	5.00	5.15	103	70 - 130	
Di-n-octyl phthalate	5.00	5.18	104	70 - 130	
Fluoranthene	5.00	5.09	102	70 - 130	
Fluorene	5.00	5.02	100	70 - 130	
Hexachlorobenzene	5.00	5.01	100	70 - 130	
Hexachlorobutadiene	5.00	5.05	101	70 - 130	
Hexachloroethane	5.00	4.71	94	70 - 130	
Indeno[1,2,3-cd]pyrene	5.00	5.13	103	70 - 130	
Isophorone	5.00	5.32	106	70 - 130	
2-Methylnaphthalene	5.00	4.96	99	70 - 130	
2-Methylphenol	5.00	5.10	102	70 - 130	
3 & 4 Methylphenol	5.00	5.11	102	70 - 130	
Naphthalene	5.00	5.13	103	70 - 130	
2-Nitroaniline	5.00	5.50	110	70 - 130	
3-Nitroaniline	5.00	5.39	108	70 - 130	
4-Nitroaniline	5.00	5.81	116	70 - 130	
Nitrobenzene	5.00	5.38	108	70 - 130	
2-Nitrophenol	5.00	5.33	107	70 - 130	

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Method Reporting Limit Check - Batch: 240-66702 **Method: 8270C/DoD**
Preparation: N/A

Lab Sample ID:	MRL 240-66702/14	Analysis Batch:	240-66702	Instrument ID:	A4HP9
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	21129014.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/29/2012 1319	Units:	ng/uL	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
4-Nitrophenol	5.00	4.66	93	70 - 130	
N-Nitrosodi-n-propylamine	5.00	5.03	101	70 - 130	
N-Nitrosodiphenylamine	5.00	5.00	100	70 - 130	
Pentachlorophenol	10.0	10.1	101	70 - 130	
Phenanthrene	5.00	4.84	97	70 - 130	
Phenol	5.00	5.39	108	70 - 130	
Pyrene	5.00	5.06	101	70 - 130	
1,2,4-Trichlorobenzene	5.00	4.85	97	70 - 130	
2,4,5-Trichlorophenol	5.00	5.22	104	70 - 130	
2,4,6-Trichlorophenol	5.00	5.16	103	70 - 130	

Surrogate	% Rec		Acceptance Limits
2-Fluorobiphenyl (Surr)	100		50 - 150
2-Fluorophenol (Surr)	104		50 - 150
Nitrobenzene-d5 (Surr)	106	Q	50 - 150
Terphenyl-d14 (Surr)	99		50 - 150
2,4,6-Tribromophenol (Surr)	108		50 - 150
Phenol-d5 (Surr)	106	Q	50 - 150

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Method Reporting Limit Check - Batch: 240-67921

Method: 8270C/DoD
Preparation: N/A

Lab Sample ID:	MRL 240-67921/3	Analysis Batch:	240-67921	Instrument ID:	A4HP9
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	21210003.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/10/2012 0820	Units:	ng/uL	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acenaphthene	5.00	4.69	94	70 - 130	
Acenaphthylene	5.00	4.82	96	70 - 130	
Anthracene	5.00	4.73	95	70 - 130	
Benzo[a]anthracene	5.00	4.45	89	70 - 130	
Benzo[a]pyrene	5.00	4.42	88	70 - 130	
Benzo[b]fluoranthene	5.00	4.22	84	70 - 130	
Benzo[g,h,i]perylene	5.00	4.50	90	70 - 130	
Benzoic acid	10.0	9.05	90	70 - 130	
Benzo[k]fluoranthene	5.00	4.62	92	70 - 130	
Benzyl alcohol	5.00	4.87	97	70 - 130	
Bis(2-chloroethoxy)methane	5.00	5.85	117	70 - 130	
Bis(2-chloroethyl)ether	5.00	5.72	114	70 - 130	
Bis(2-ethylhexyl) phthalate	5.00	4.10	82	70 - 130	
4-Bromophenyl phenyl ether	5.00	6.12	122	70 - 130	
Butyl benzyl phthalate	5.00	4.24	85	70 - 130	
Carbazole	5.00	4.63	93	70 - 130	
4-Chloro-3-methylphenol	5.00	4.93	99	70 - 130	
2-Chloronaphthalene	5.00	5.69	114	70 - 130	
2-Chlorophenol	5.00	4.95	99	70 - 130	
4-Chlorophenyl phenyl ether	5.00	5.56	111	70 - 130	
Chrysene	5.00	4.52	90	70 - 130	
Dibenz(a,h)anthracene	5.00	4.57	91	70 - 130	
Dibenzofuran	5.00	4.71	94	70 - 130	
1,4-Dichlorobenzene	5.00	4.78	96	70 - 130	
1,2-Dichlorobenzene	5.00	5.65	113	70 - 130	
1,3-Dichlorobenzene	5.00	5.83	117	70 - 130	
3,3'-Dichlorobenzidine	5.00	4.45	89	70 - 130	
2,4-Dichlorophenol	5.00	4.81	96	70 - 130	
Diethyl phthalate	5.00	4.52	90	70 - 130	
2,4-Dimethylphenol	5.00	4.76	95	70 - 130	
Dimethyl phthalate	5.00	4.63	93	70 - 130	
Di-n-butyl phthalate	5.00	4.33	87	70 - 130	
4,6-Dinitro-2-methylphenol	5.00	4.64	93	70 - 130	
2,4-Dinitrophenol	10.0	9.07	91	70 - 130	
2,4-Dinitrotoluene	5.00	6.14	123	70 - 130	
2,6-Dinitrotoluene	5.00	5.96	119	70 - 130	
Di-n-octyl phthalate	5.00	4.07	81	70 - 130	
Fluoranthene	5.00	4.47	89	70 - 130	
Fluorene	5.00	4.61	92	70 - 130	
Hexachlorobenzene	5.00	6.10	122	70 - 130	
Hexachlorobutadiene	5.00	5.87	117	70 - 130	
Hexachloroethane	5.00	5.57	111	70 - 130	
Indeno[1,2,3-cd]pyrene	5.00	4.45	89	70 - 130	
Isophorone	5.00	4.63	93	70 - 130	
2-Methylnaphthalene	5.00	4.81	96	70 - 130	
2-Methylphenol	5.00	4.93	99	70 - 130	

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Method Reporting Limit Check - Batch: 240-67921 **Method: 8270C/DoD**
Preparation: N/A

Lab Sample ID:	MRL 240-67921/3	Analysis Batch:	240-67921	Instrument ID:	A4HP9
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	21210003.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/10/2012 0820	Units:	ng/uL	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
3 & 4 Methylphenol	5.00	5.03	101	70 - 130	
Naphthalene	5.00	4.76	95	70 - 130	
2-Nitroaniline	5.00	4.92	98	70 - 130	
3-Nitroaniline	5.00	5.13	103	70 - 130	
4-Nitroaniline	5.00	5.22	104	70 - 130	
Nitrobenzene	5.00	5.83	117	70 - 130	
2-Nitrophenol	5.00	5.17	103	70 - 130	
4-Nitrophenol	5.00	4.64	93	70 - 130	
N-Nitrosodi-n-propylamine	5.00	5.12	102	70 - 130	
N-Nitrosodiphenylamine	5.00	4.79	96	70 - 130	
Pentachlorophenol	10.0	8.95	89	70 - 130	
Phenanthrene	5.00	4.57	91	70 - 130	
Phenol	5.00	4.98	100	70 - 130	
Pyrene	5.00	4.51	90	70 - 130	
1,2,4-Trichlorobenzene	5.00	5.96	119	70 - 130	
2,4,5-Trichlorophenol	5.00	4.63	93	70 - 130	
2,4,6-Trichlorophenol	5.00	5.03	101	70 - 130	

Surrogate	% Rec		Acceptance Limits
2-Fluorobiphenyl (Surr)	111	Q	50 - 150
2-Fluorophenol (Surr)	95		50 - 150
Nitrobenzene-d5 (Surr)	118	Q	50 - 150
Terphenyl-d14 (Surr)	104		50 - 150
2,4,6-Tribromophenol (Surr)	97		50 - 150
Phenol-d5 (Surr)	100		50 - 150

Method Reporting Limit Check - Batch: 240-67921 **Method: 8270C/DoD**
Preparation: N/A

Lab Sample ID:	MRL 240-67921/8	Analysis Batch:	240-67921	Instrument ID:	A4HP9
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	21210008.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/10/2012 1028	Units:	ng/uL	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acenaphthene	5.00	4.62	92	70 - 130	
Acenaphthylene	5.00	4.77	95	70 - 130	
Anthracene	5.00	4.61	92	70 - 130	
Benzo[a]anthracene	5.00	4.45	89	70 - 130	
Benzo[a]pyrene	5.00	4.47	89	70 - 130	
Benzo[b]fluoranthene	5.00	4.41	88	70 - 130	
Benzo[g,h,i]perylene	5.00	3.74	75	70 - 130	

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Method Reporting Limit Check - Batch: 240-67921

Method: 8270C/DoD
Preparation: N/A

Lab Sample ID:	MRL 240-67921/8	Analysis Batch:	240-67921	Instrument ID:	A4HP9
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	21210008.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/10/2012 1028	Units:	ng/uL	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzoic acid	10.0	8.61	86	70 - 130	
Benzo[k]fluoranthene	5.00	4.62	92	70 - 130	
Benzyl alcohol	5.00	5.26	105	70 - 130	
Bis(2-chloroethoxy)methane	5.00	6.07	121	70 - 130	
Bis(2-chloroethyl)ether	5.00	6.23	125	70 - 130	
Bis(2-ethylhexyl) phthalate	5.00	4.48	90	70 - 130	
4-Bromophenyl phenyl ether	5.00	5.96	119	70 - 130	
Butyl benzyl phthalate	5.00	4.67	93	70 - 130	
Carbazole	5.00	4.41	88	70 - 130	
4-Chloro-3-methylphenol	5.00	4.94	99	70 - 130	
2-Chloronaphthalene	5.00	5.56	111	70 - 130	
2-Chlorophenol	5.00	5.16	103	70 - 130	
4-Chlorophenyl phenyl ether	5.00	5.47	109	70 - 130	
Chrysene	5.00	4.45	89	70 - 130	
Dibenz(a,h)anthracene	5.00	4.01	80	70 - 130	
Dibenzofuran	5.00	4.72	94	70 - 130	
1,4-Dichlorobenzene	5.00	5.02	100	70 - 130	
1,2-Dichlorobenzene	5.00	5.90	118	70 - 130	
1,3-Dichlorobenzene	5.00	6.04	121	70 - 130	
3,3'-Dichlorobenzidine	5.00	4.72	94	70 - 130	
2,4-Dichlorophenol	5.00	4.95	99	70 - 130	
Diethyl phthalate	5.00	4.50	90	70 - 130	
2,4-Dimethylphenol	5.00	4.83	97	70 - 130	
Dimethyl phthalate	5.00	4.58	92	70 - 130	
Di-n-butyl phthalate	5.00	4.42	88	70 - 130	
4,6-Dinitro-2-methylphenol	5.00	3.37	67	70 - 130	^
2,4-Dinitrophenol	10.0	5.44	54	70 - 130	^
2,4-Dinitrotoluene	5.00	5.86	117	70 - 130	
2,6-Dinitrotoluene	5.00	5.94	119	70 - 130	
Di-n-octyl phthalate	5.00	4.83	97	70 - 130	
Fluoranthene	5.00	4.35	87	70 - 130	
Fluorene	5.00	4.58	92	70 - 130	
Hexachlorobenzene	5.00	5.72	114	70 - 130	
Hexachlorobutadiene	5.00	5.67	113	70 - 130	
Hexachloroethane	5.00	4.50	90	70 - 130	
Indeno[1,2,3-cd]pyrene	5.00	3.95	79	70 - 130	
Isophorone	5.00	4.80	96	70 - 130	
2-Methylnaphthalene	5.00	4.86	97	70 - 130	
2-Methylphenol	5.00	5.50	110	70 - 130	
3 & 4 Methylphenol	5.00	5.37	107	70 - 130	
Naphthalene	5.00	4.72	94	70 - 130	
2-Nitroaniline	5.00	5.16	103	70 - 130	
3-Nitroaniline	5.00	5.30	106	70 - 130	
4-Nitroaniline	5.00	4.88	98	70 - 130	
Nitrobenzene	5.00	5.94	119	70 - 130	
2-Nitrophenol	5.00	5.41	108	70 - 130	

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Method Reporting Limit Check - Batch: 240-67921 **Method: 8270C/DoD**
Preparation: N/A

Lab Sample ID:	MRL 240-67921/8	Analysis Batch:	240-67921	Instrument ID:	A4HP9
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	21210008.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/10/2012 1028	Units:	ng/uL	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
4-Nitrophenol	5.00	4.51	90	70 - 130	
N-Nitrosodi-n-propylamine	5.00	5.37	107	70 - 130	
N-Nitrosodiphenylamine	5.00	4.73	95	70 - 130	
Pentachlorophenol	10.0	7.69	77	70 - 130	
Phenanthrene	5.00	4.37	87	70 - 130	
Phenol	5.00	5.23	105	70 - 130	
Pyrene	5.00	4.57	91	70 - 130	
1,2,4-Trichlorobenzene	5.00	5.79	116	70 - 130	
2,4,5-Trichlorophenol	5.00	4.45	89	70 - 130	
2,4,6-Trichlorophenol	5.00	4.85	97	70 - 130	

Surrogate	% Rec		Acceptance Limits
2-Fluorobiphenyl (Surr)	109	Q	50 - 150
2-Fluorophenol (Surr)	104		50 - 150
Nitrobenzene-d5 (Surr)	120	Q	50 - 150
Terphenyl-d14 (Surr)	106		50 - 150
2,4,6-Tribromophenol (Surr)	99		50 - 150
Phenol-d5 (Surr)	108	Q	50 - 150

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Method Reporting Limit Check - Batch: 240-68349

Method: 8270C/DoD
Preparation: N/A

Lab Sample ID:	MRL 240-68349/4	Analysis Batch:	240-68349	Instrument ID:	A4HP9
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	21212104.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/12/2012 1151	Units:	ng/uL	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acenaphthene	5.00	4.93	99	70 - 130	
Acenaphthylene	5.00	5.02	100	70 - 130	
Anthracene	5.00	5.31	106	70 - 130	
Benzo[a]anthracene	5.00	5.00	100	70 - 130	
Benzo[a]pyrene	5.00	5.10	102	70 - 130	
Benzo[b]fluoranthene	5.00	5.06	101	70 - 130	
Benzo[g,h,i]perylene	5.00	5.20	104	70 - 130	
Benzoic acid	10.0	9.45	95	70 - 130	
Benzo[k]fluoranthene	5.00	5.38	108	70 - 130	
Benzyl alcohol	5.00	4.88	98	70 - 130	
Bis(2-chloroethoxy)methane	5.00	4.88	98	70 - 130	
Bis(2-chloroethyl)ether	5.00	4.97	99	70 - 130	
Bis(2-ethylhexyl) phthalate	5.00	5.16	103	70 - 130	
4-Bromophenyl phenyl ether	5.00	4.95	99	70 - 130	
Butyl benzyl phthalate	5.00	4.95	99	70 - 130	
Carbazole	5.00	5.06	101	70 - 130	
4-Chloro-3-methylphenol	5.00	4.85	97	70 - 130	
2-Chloronaphthalene	5.00	5.02	100	70 - 130	
2-Chlorophenol	5.00	4.94	99	70 - 130	
4-Chlorophenyl phenyl ether	5.00	4.89	98	70 - 130	
Chrysene	5.00	4.88	98	70 - 130	
Dibenz(a,h)anthracene	5.00	5.02	100	70 - 130	
Dibenzofuran	5.00	4.93	99	70 - 130	
1,4-Dichlorobenzene	5.00	5.00	100	70 - 130	
1,2-Dichlorobenzene	5.00	4.87	97	70 - 130	
1,3-Dichlorobenzene	5.00	4.86	97	70 - 130	
3,3'-Dichlorobenzidine	5.00	5.37	107	70 - 130	
2,4-Dichlorophenol	5.00	4.85	97	70 - 130	
Diethyl phthalate	5.00	5.03	101	70 - 130	
2,4-Dimethylphenol	5.00	4.93	99	70 - 130	
Dimethyl phthalate	5.00	4.96	99	70 - 130	
Di-n-butyl phthalate	5.00	4.89	98	70 - 130	
4,6-Dinitro-2-methylphenol	5.00	5.10	102	70 - 130	
2,4-Dinitrophenol	10.0	9.53	95	70 - 130	
2,4-Dinitrotoluene	5.00	5.20	104	70 - 130	
2,6-Dinitrotoluene	5.00	5.16	103	70 - 130	
Di-n-octyl phthalate	5.00	4.61	92	70 - 130	
Fluoranthene	5.00	5.09	102	70 - 130	
Fluorene	5.00	4.84	97	70 - 130	
Hexachlorobenzene	5.00	4.99	100	70 - 130	
Hexachlorobutadiene	5.00	4.81	96	70 - 130	
Hexachloroethane	5.00	4.95	99	70 - 130	
Indeno[1,2,3-cd]pyrene	5.00	5.10	102	70 - 130	
Isophorone	5.00	4.81	96	70 - 130	
2-Methylnaphthalene	5.00	4.60	92	70 - 130	
2-Methylphenol	5.00	4.92	98	70 - 130	

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Method Reporting Limit Check - Batch: 240-68349

Method: 8270C/DoD
Preparation: N/A

Lab Sample ID:	MRL 240-68349/4	Analysis Batch:	240-68349	Instrument ID:	A4HP9
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	21212104.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/12/2012 1151	Units:	ng/uL	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
3 & 4 Methylphenol	5.00	4.97	99	70 - 130	
Naphthalene	5.00	4.81	96	70 - 130	
2-Nitroaniline	5.00	5.13	103	70 - 130	
3-Nitroaniline	5.00	5.26	105	70 - 130	
4-Nitroaniline	5.00	5.02	100	70 - 130	
Nitrobenzene	5.00	5.10	102	70 - 130	
2-Nitrophenol	5.00	4.90	98	70 - 130	
4-Nitrophenol	5.00	4.32	86	70 - 130	
N-Nitrosodi-n-propylamine	5.00	5.05	101	70 - 130	
N-Nitrosodiphenylamine	5.00	5.33	107	70 - 130	
Pentachlorophenol	10.0	10.1	101	70 - 130	
Phenanthrene	5.00	4.93	99	70 - 130	
Phenol	5.00	5.05	101	70 - 130	
Pyrene	5.00	4.97	99	70 - 130	
1,2,4-Trichlorobenzene	5.00	4.84	97	70 - 130	
2,4,5-Trichlorophenol	5.00	5.06	101	70 - 130	
2,4,6-Trichlorophenol	5.00	5.21	104	70 - 130	

Surrogate	% Rec		Acceptance Limits
2-Fluorobiphenyl (Surr)	97		50 - 150
2-Fluorophenol (Surr)	97		50 - 150
Nitrobenzene-d5 (Surr)	102	Q	50 - 150
Terphenyl-d14 (Surr)	102		50 - 150
2,4,6-Tribromophenol (Surr)	112		50 - 150
Phenol-d5 (Surr)	101	Q	50 - 150

Method Reporting Limit Check - Batch: 240-68349

Method: 8270C/DoD
Preparation: N/A

Lab Sample ID:	MRL 240-68349/11	Analysis Batch:	240-68349	Instrument ID:	A4HP9
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	21212111.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/12/2012 1447	Units:	ng/uL	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acenaphthene	5.00	4.83	97	70 - 130	
Acenaphthylene	5.00	5.01	100	70 - 130	
Anthracene	5.00	5.11	102	70 - 130	
Benzo[a]anthracene	5.00	4.95	99	70 - 130	
Benzo[a]pyrene	5.00	5.13	103	70 - 130	
Benzo[b]fluoranthene	5.00	4.83	97	70 - 130	
Benzo[g,h,i]perylene	5.00	4.77	95	70 - 130	

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Method Reporting Limit Check - Batch: 240-68349 **Method: 8270C/DoD**
Preparation: N/A

Lab Sample ID:	MRL 240-68349/11	Analysis Batch:	240-68349	Instrument ID:	A4HP9
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	21212111.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/12/2012 1447	Units:	ng/uL	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzoic acid	10.0	9.23	92	70 - 130	
Benzo[k]fluoranthene	5.00	4.88	98	70 - 130	
Benzyl alcohol	5.00	5.10	102	70 - 130	
Bis(2-chloroethoxy)methane	5.00	5.04	101	70 - 130	
Bis(2-chloroethyl)ether	5.00	4.98	100	70 - 130	
Bis(2-ethylhexyl) phthalate	5.00	5.41	108	70 - 130	
4-Bromophenyl phenyl ether	5.00	5.01	100	70 - 130	
Butyl benzyl phthalate	5.00	5.52	110	70 - 130	
Carbazole	5.00	4.78	96	70 - 130	
4-Chloro-3-methylphenol	5.00	5.07	101	70 - 130	
2-Chloronaphthalene	5.00	4.96	99	70 - 130	
2-Chlorophenol	5.00	4.97	99	70 - 130	
4-Chlorophenyl phenyl ether	5.00	4.82	96	70 - 130	
Chrysene	5.00	4.88	98	70 - 130	
Dibenz(a,h)anthracene	5.00	4.77	95	70 - 130	
Dibenzofuran	5.00	4.93	99	70 - 130	
1,4-Dichlorobenzene	5.00	4.85	97	70 - 130	
1,2-Dichlorobenzene	5.00	4.82	96	70 - 130	
1,3-Dichlorobenzene	5.00	4.86	97	70 - 130	
3,3'-Dichlorobenzidine	5.00	5.09	102	70 - 130	
2,4-Dichlorophenol	5.00	5.02	100	70 - 130	
Diethyl phthalate	5.00	4.81	96	70 - 130	
2,4-Dimethylphenol	5.00	5.24	105	70 - 130	
Dimethyl phthalate	5.00	4.94	99	70 - 130	
Di-n-butyl phthalate	5.00	4.94	99	70 - 130	
4,6-Dinitro-2-methylphenol	5.00	4.78	96	70 - 130	
2,4-Dinitrophenol	10.0	8.78	88	70 - 130	
2,4-Dinitrotoluene	5.00	5.08	102	70 - 130	
2,6-Dinitrotoluene	5.00	5.26	105	70 - 130	
Di-n-octyl phthalate	5.00	5.60	112	70 - 130	
Fluoranthene	5.00	4.76	95	70 - 130	
Fluorene	5.00	4.91	98	70 - 130	
Hexachlorobenzene	5.00	4.66	93	70 - 130	
Hexachlorobutadiene	5.00	4.85	97	70 - 130	
Hexachloroethane	5.00	3.26	65	70 - 130	^
Indeno[1,2,3-cd]pyrene	5.00	4.74	95	70 - 130	
Isophorone	5.00	5.15	103	70 - 130	
2-Methylnaphthalene	5.00	4.91	98	70 - 130	
2-Methylphenol	5.00	5.17	103	70 - 130	
3 & 4 Methylphenol	5.00	5.13	103	70 - 130	
Naphthalene	5.00	4.89	98	70 - 130	
2-Nitroaniline	5.00	5.26	105	70 - 130	
3-Nitroaniline	5.00	5.43	109	70 - 130	
4-Nitroaniline	5.00	5.15	103	70 - 130	
Nitrobenzene	5.00	5.12	102	70 - 130	
2-Nitrophenol	5.00	5.44	109	70 - 130	

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Method Reporting Limit Check - Batch: 240-68349 **Method: 8270C/DoD**
Preparation: N/A

Lab Sample ID:	MRL 240-68349/11	Analysis Batch:	240-68349	Instrument ID:	A4HP9
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	21212111.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/12/2012 1447	Units:	ng/uL	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
4-Nitrophenol	5.00	4.29	86	70 - 130	
N-Nitrosodi-n-propylamine	5.00	5.31	106	70 - 130	
N-Nitrosodiphenylamine	5.00	5.01	100	70 - 130	
Pentachlorophenol	10.0	8.82	88	70 - 130	
Phenanthrene	5.00	4.60	92	70 - 130	
Phenol	5.00	4.95	99	70 - 130	
Pyrene	5.00	4.99	100	70 - 130	
1,2,4-Trichlorobenzene	5.00	4.88	98	70 - 130	
2,4,5-Trichlorophenol	5.00	4.98	100	70 - 130	
2,4,6-Trichlorophenol	5.00	4.93	99	70 - 130	

Surrogate	% Rec		Acceptance Limits
2-Fluorobiphenyl (Surr)	96		50 - 150
2-Fluorophenol (Surr)	99		50 - 150
Nitrobenzene-d5 (Surr)	108	Q	50 - 150
Terphenyl-d14 (Surr)	101		50 - 150
2,4,6-Tribromophenol (Surr)	107		50 - 150
Phenol-d5 (Surr)	105	Q	50 - 150

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Method Reporting Limit Check - Batch: 240-68588

Method: 8270C/DoD
Preparation: N/A

Lab Sample ID:	MRL 240-68588/4	Analysis Batch:	240-68588	Instrument ID:	A4HP9
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	21213104.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/13/2012 1558	Units:	ng/uL	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acenaphthene	5.00	4.92	98	70 - 130	
Acenaphthylene	5.00	5.12	102	70 - 130	
Anthracene	5.00	5.14	103	70 - 130	
Benzo[a]anthracene	5.00	4.92	98	70 - 130	
Benzo[a]pyrene	5.00	5.17	103	70 - 130	
Benzo[b]fluoranthene	5.00	4.95	99	70 - 130	
Benzo[g,h,i]perylene	5.00	5.18	104	70 - 130	
Benzoic acid	10.0	9.15	92	70 - 130	
Benzo[k]fluoranthene	5.00	5.11	102	70 - 130	
Benzyl alcohol	5.00	5.15	103	70 - 130	
Bis(2-chloroethoxy)methane	5.00	5.20	104	70 - 130	
Bis(2-chloroethyl)ether	5.00	5.29	106	70 - 130	
Bis(2-ethylhexyl) phthalate	5.00	4.84	97	70 - 130	
4-Bromophenyl phenyl ether	5.00	5.02	100	70 - 130	
Butyl benzyl phthalate	5.00	4.81	96	70 - 130	
Carbazole	5.00	4.96	99	70 - 130	
4-Chloro-3-methylphenol	5.00	4.89	98	70 - 130	
2-Chloronaphthalene	5.00	5.33	107	70 - 130	
2-Chlorophenol	5.00	4.94	99	70 - 130	
4-Chlorophenyl phenyl ether	5.00	5.10	102	70 - 130	
Chrysene	5.00	5.02	100	70 - 130	
Dibenz(a,h)anthracene	5.00	4.79	96	70 - 130	
Dibenzofuran	5.00	5.07	101	70 - 130	
1,4-Dichlorobenzene	5.00	4.83	97	70 - 130	
1,2-Dichlorobenzene	5.00	4.92	98	70 - 130	
1,3-Dichlorobenzene	5.00	5.00	100	70 - 130	
3,3'-Dichlorobenzidine	5.00	5.39	108	70 - 130	
2,4-Dichlorophenol	5.00	5.13	103	70 - 130	
Diethyl phthalate	5.00	5.00	100	70 - 130	
2,4-Dimethylphenol	5.00	5.22	104	70 - 130	
Dimethyl phthalate	5.00	5.08	102	70 - 130	
Di-n-butyl phthalate	5.00	4.98	100	70 - 130	
4,6-Dinitro-2-methylphenol	5.00	4.97	99	70 - 130	
2,4-Dinitrophenol	10.0	8.93	89	70 - 130	
2,4-Dinitrotoluene	5.00	5.31	106	70 - 130	
2,6-Dinitrotoluene	5.00	5.29	106	70 - 130	
Di-n-octyl phthalate	5.00	4.45	89	70 - 130	
Fluoranthene	5.00	4.94	99	70 - 130	
Fluorene	5.00	5.08	102	70 - 130	
Hexachlorobenzene	5.00	5.11	102	70 - 130	
Hexachlorobutadiene	5.00	4.90	98	70 - 130	
Hexachloroethane	5.00	4.85	97	70 - 130	
Indeno[1,2,3-cd]pyrene	5.00	4.89	98	70 - 130	
Isophorone	5.00	5.18	104	70 - 130	
2-Methylnaphthalene	5.00	4.85	97	70 - 130	
2-Methylphenol	5.00	4.93	99	70 - 130	

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Method Reporting Limit Check - Batch: 240-68588 **Method: 8270C/DoD**
Preparation: N/A

Lab Sample ID:	MRL 240-68588/4	Analysis Batch:	240-68588	Instrument ID:	A4HP9
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	21213104.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/13/2012 1558	Units:	ng/uL	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
3 & 4 Methylphenol	5.00	5.17	103	70 - 130	
Naphthalene	5.00	5.02	100	70 - 130	
2-Nitroaniline	5.00	5.34	107	70 - 130	
3-Nitroaniline	5.00	5.26	105	70 - 130	
4-Nitroaniline	5.00	5.28	106	70 - 130	
Nitrobenzene	5.00	5.15	103	70 - 130	
2-Nitrophenol	5.00	5.06	101	70 - 130	
4-Nitrophenol	5.00	4.79	96	70 - 130	
N-Nitrosodi-n-propylamine	5.00	5.23	105	70 - 130	
N-Nitrosodiphenylamine	5.00	5.05	101	70 - 130	
Pentachlorophenol	10.0	9.62	96	70 - 130	
Phenanthrene	5.00	4.95	99	70 - 130	
Phenol	5.00	5.04	101	70 - 130	
Pyrene	5.00	4.92	98	70 - 130	
1,2,4-Trichlorobenzene	5.00	5.10	102	70 - 130	
2,4,5-Trichlorophenol	5.00	5.15	103	70 - 130	
2,4,6-Trichlorophenol	5.00	5.23	105	70 - 130	

Surrogate	% Rec		Acceptance Limits
2-Fluorobiphenyl (Surr)	98		50 - 150
2-Fluorophenol (Surr)	105		50 - 150
Nitrobenzene-d5 (Surr)	106	Q	50 - 150
Terphenyl-d14 (Surr)	105		50 - 150
2,4,6-Tribromophenol (Surr)	106		50 - 150
Phenol-d5 (Surr)	101	Q	50 - 150

Method Reporting Limit Check - Batch: 240-68588 **Method: 8270C/DoD**
Preparation: N/A

Lab Sample ID:	MRL 240-68588/10	Analysis Batch:	240-68588	Instrument ID:	A4HP9
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	21213110.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/13/2012 1827	Units:	ng/uL	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acenaphthene	5.00	4.65	93	70 - 130	
Acenaphthylene	5.00	4.86	97	70 - 130	
Anthracene	5.00	5.08	102	70 - 130	
Benzo[a]anthracene	5.00	4.90	98	70 - 130	
Benzo[a]pyrene	5.00	5.08	102	70 - 130	
Benzo[b]fluoranthene	5.00	4.77	95	70 - 130	
Benzo[g,h,i]perylene	5.00	4.20	84	70 - 130	

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Method Reporting Limit Check - Batch: 240-68588 **Method: 8270C/DoD**
Preparation: N/A

Lab Sample ID:	MRL 240-68588/10	Analysis Batch:	240-68588	Instrument ID:	A4HP9
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	21213110.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/13/2012 1827	Units:	ng/uL	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzoic acid	10.0	9.09	91	70 - 130	
Benzo[k]fluoranthene	5.00	5.16	103	70 - 130	
Benzyl alcohol	5.00	4.99	100	70 - 130	
Bis(2-chloroethoxy)methane	5.00	5.07	101	70 - 130	
Bis(2-chloroethyl)ether	5.00	5.10	102	70 - 130	
Bis(2-ethylhexyl) phthalate	5.00	5.50	110	70 - 130	
4-Bromophenyl phenyl ether	5.00	5.16	103	70 - 130	
Butyl benzyl phthalate	5.00	5.29	106	70 - 130	
Carbazole	5.00	4.96	99	70 - 130	
4-Chloro-3-methylphenol	5.00	5.05	101	70 - 130	
2-Chloronaphthalene	5.00	4.83	97	70 - 130	
2-Chlorophenol	5.00	5.09	102	70 - 130	
4-Chlorophenyl phenyl ether	5.00	4.61	92	70 - 130	
Chrysene	5.00	4.92	98	70 - 130	
Dibenz(a,h)anthracene	5.00	4.20	84	70 - 130	
Dibenzofuran	5.00	4.72	94	70 - 130	
1,4-Dichlorobenzene	5.00	4.90	98	70 - 130	
1,2-Dichlorobenzene	5.00	5.01	100	70 - 130	
1,3-Dichlorobenzene	5.00	4.92	98	70 - 130	
3,3'-Dichlorobenzidine	5.00	5.24	105	70 - 130	
2,4-Dichlorophenol	5.00	5.06	101	70 - 130	
Diethyl phthalate	5.00	4.97	99	70 - 130	
2,4-Dimethylphenol	5.00	5.17	103	70 - 130	
Dimethyl phthalate	5.00	4.86	97	70 - 130	
Di-n-butyl phthalate	5.00	5.02	100	70 - 130	
4,6-Dinitro-2-methylphenol	5.00	4.03	81	70 - 130	
2,4-Dinitrophenol	10.0	5.50	55	70 - 130	^
2,4-Dinitrotoluene	5.00	4.90	98	70 - 130	
2,6-Dinitrotoluene	5.00	5.08	102	70 - 130	
Di-n-octyl phthalate	5.00	5.43	109	70 - 130	
Fluoranthene	5.00	4.86	97	70 - 130	
Fluorene	5.00	4.67	93	70 - 130	
Hexachlorobenzene	5.00	4.92	98	70 - 130	
Hexachlorobutadiene	5.00	5.02	100	70 - 130	
Hexachloroethane	5.00	3.19	64	70 - 130	^
Indeno[1,2,3-cd]pyrene	5.00	4.33	87	70 - 130	
Isophorone	5.00	5.30	106	70 - 130	
2-Methylnaphthalene	5.00	4.91	98	70 - 130	
2-Methylphenol	5.00	5.27	105	70 - 130	
3 & 4 Methylphenol	5.00	5.04	101	70 - 130	
Naphthalene	5.00	4.98	100	70 - 130	
2-Nitroaniline	5.00	5.22	104	70 - 130	
3-Nitroaniline	5.00	5.38	108	70 - 130	
4-Nitroaniline	5.00	5.17	103	70 - 130	
Nitrobenzene	5.00	5.25	105	70 - 130	
2-Nitrophenol	5.00	5.20	104	70 - 130	

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Method Reporting Limit Check - Batch: 240-68588 **Method: 8270C/DoD**
Preparation: N/A

Lab Sample ID:	MRL 240-68588/10	Analysis Batch:	240-68588	Instrument ID:	A4HP9
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	21213110.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/13/2012 1827	Units:	ng/uL	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
4-Nitrophenol	5.00	4.58	92	70 - 130	
N-Nitrosodi-n-propylamine	5.00	5.20	104	70 - 130	
N-Nitrosodiphenylamine	5.00	5.28	106	70 - 130	
Pentachlorophenol	10.0	9.39	94	70 - 130	
Phenanthrene	5.00	4.71	94	70 - 130	
Phenol	5.00	5.20	104	70 - 130	
Pyrene	5.00	4.86	97	70 - 130	
1,2,4-Trichlorobenzene	5.00	4.98	100	70 - 130	
2,4,5-Trichlorophenol	5.00	4.83	97	70 - 130	
2,4,6-Trichlorophenol	5.00	5.10	102	70 - 130	

Surrogate	% Rec		Acceptance Limits
2-Fluorobiphenyl (Surr)	91		50 - 150
2-Fluorophenol (Surr)	103		50 - 150
Nitrobenzene-d5 (Surr)	104	Q	50 - 150
Terphenyl-d14 (Surr)	100		50 - 150
2,4,6-Tribromophenol (Surr)	99		50 - 150
Phenol-d5 (Surr)	104	Q	50 - 150

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Method Reporting Limit Check - Batch: 240-68844 **Method: 8270C/DoD**
Preparation: N/A

Lab Sample ID:	MRL 240-68844/3	Analysis Batch:	240-68844	Instrument ID:	A4HP9
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	21215003.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/15/2012 1212	Units:	ng/uL	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acenaphthene	5.00	4.69	94	70 - 130	
Acenaphthylene	5.00	4.74	95	70 - 130	
Anthracene	5.00	5.14	103	70 - 130	
Benzo[a]anthracene	5.00	5.04	101	70 - 130	
Benzo[a]pyrene	5.00	5.25	105	70 - 130	
Benzo[b]fluoranthene	5.00	4.95	99	70 - 130	
Benzo[g,h,i]perylene	5.00	5.23	105	70 - 130	
Benzoic acid	10.0	7.40	74	70 - 130	
Benzo[k]fluoranthene	5.00	5.28	106	70 - 130	
Benzyl alcohol	5.00	5.14	103	70 - 130	
Bis(2-chloroethoxy)methane	5.00	5.01	100	70 - 130	
Bis(2-chloroethyl)ether	5.00	5.46	109	70 - 130	
Bis(2-ethylhexyl) phthalate	5.00	4.93	99	70 - 130	
4-Bromophenyl phenyl ether	5.00	5.15	103	70 - 130	
Butyl benzyl phthalate	5.00	5.02	100	70 - 130	
Carbazole	5.00	4.91	98	70 - 130	
4-Chloro-3-methylphenol	5.00	4.98	100	70 - 130	
2-Chloronaphthalene	5.00	4.84	97	70 - 130	
2-Chlorophenol	5.00	5.48	110	70 - 130	
4-Chlorophenyl phenyl ether	5.00	4.63	93	70 - 130	
Chrysene	5.00	5.21	104	70 - 130	
Dibenz(a,h)anthracene	5.00	4.75	95	70 - 130	
Dibenzofuran	5.00	4.87	97	70 - 130	
1,4-Dichlorobenzene	5.00	5.34	107	70 - 130	
1,2-Dichlorobenzene	5.00	5.32	106	70 - 130	
1,3-Dichlorobenzene	5.00	5.21	104	70 - 130	
3,3'-Dichlorobenzidine	5.00	5.27	105	70 - 130	
2,4-Dichlorophenol	5.00	4.83	97	70 - 130	
Diethyl phthalate	5.00	4.70	94	70 - 130	
2,4-Dimethylphenol	5.00	5.00	100	70 - 130	
Dimethyl phthalate	5.00	4.79	96	70 - 130	
Di-n-butyl phthalate	5.00	4.69	94	70 - 130	
4,6-Dinitro-2-methylphenol	5.00	4.89	98	70 - 130	
2,4-Dinitrophenol	10.0	7.94	79	70 - 130	
2,4-Dinitrotoluene	5.00	4.95	99	70 - 130	
2,6-Dinitrotoluene	5.00	4.90	98	70 - 130	
Di-n-octyl phthalate	5.00	4.52	90	70 - 130	
Fluoranthene	5.00	5.10	102	70 - 130	
Fluorene	5.00	4.65	93	70 - 130	
Hexachlorobenzene	5.00	5.32	106	70 - 130	
Hexachlorobutadiene	5.00	5.04	101	70 - 130	
Hexachloroethane	5.00	5.38	108	70 - 130	
Indeno[1,2,3-cd]pyrene	5.00	4.94	99	70 - 130	
Isophorone	5.00	5.16	103	70 - 130	
2-Methylnaphthalene	5.00	4.78	96	70 - 130	
2-Methylphenol	5.00	5.32	106	70 - 130	

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Method Reporting Limit Check - Batch: 240-68844

Method: 8270C/DoD
Preparation: N/A

Lab Sample ID:	MRL 240-68844/3	Analysis Batch:	240-68844	Instrument ID:	A4HP9
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	21215003.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/15/2012 1212	Units:	ng/uL	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
3 & 4 Methylphenol	5.00	5.29	106	70 - 130	
Naphthalene	5.00	4.74	95	70 - 130	
2-Nitroaniline	5.00	5.29	106	70 - 130	
3-Nitroaniline	5.00	4.97	99	70 - 130	
4-Nitroaniline	5.00	5.30	106	70 - 130	
Nitrobenzene	5.00	5.06	101	70 - 130	
2-Nitrophenol	5.00	5.12	102	70 - 130	
4-Nitrophenol	5.00	3.83	77	70 - 130	
N-Nitrosodi-n-propylamine	5.00	5.66	113	70 - 130	
N-Nitrosodiphenylamine	5.00	5.28	106	70 - 130	
Pentachlorophenol	10.0	8.49	85	70 - 130	
Phenanthrene	5.00	4.88	98	70 - 130	
Phenol	5.00	5.46	109	70 - 130	
Pyrene	5.00	4.93	99	70 - 130	
1,2,4-Trichlorobenzene	5.00	4.78	96	70 - 130	
2,4,5-Trichlorophenol	5.00	4.64	93	70 - 130	
2,4,6-Trichlorophenol	5.00	4.58	92	70 - 130	

Surrogate	% Rec		Acceptance Limits
2-Fluorobiphenyl (Surr)	91		50 - 150
2-Fluorophenol (Surr)	110	Q	50 - 150
Nitrobenzene-d5 (Surr)	104	Q	50 - 150
Terphenyl-d14 (Surr)	103		50 - 150
2,4,6-Tribromophenol (Surr)	109		50 - 150
Phenol-d5 (Surr)	112	Q	50 - 150

Method Reporting Limit Check - Batch: 240-68844

Method: 8270C/DoD
Preparation: N/A

Lab Sample ID:	MRL 240-68844/9	Analysis Batch:	240-68844	Instrument ID:	A4HP9
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	21215009.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/15/2012 1457	Units:	ng/uL	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Acenaphthene	5.00	4.62	92	70 - 130	
Acenaphthylene	5.00	4.76	95	70 - 130	
Anthracene	5.00	5.08	102	70 - 130	
Benzo[a]anthracene	5.00	4.89	98	70 - 130	
Benzo[a]pyrene	5.00	5.05	101	70 - 130	
Benzo[b]fluoranthene	5.00	4.75	95	70 - 130	
Benzo[g,h,i]perylene	5.00	4.38	88	70 - 130	

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Method Reporting Limit Check - Batch: 240-68844 **Method: 8270C/DoD**
Preparation: N/A

Lab Sample ID:	MRL 240-68844/9	Analysis Batch:	240-68844	Instrument ID:	A4HP9
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	21215009.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/15/2012 1457	Units:	ng/uL	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Benzoic acid	10.0	6.26	63	70 - 130	^
Benzo[k]fluoranthene	5.00	5.01	100	70 - 130	
Benzyl alcohol	5.00	5.15	103	70 - 130	
Bis(2-chloroethoxy)methane	5.00	5.11	102	70 - 130	
Bis(2-chloroethyl)ether	5.00	5.35	107	70 - 130	
Bis(2-ethylhexyl) phthalate	5.00	5.38	108	70 - 130	
4-Bromophenyl phenyl ether	5.00	5.15	103	70 - 130	
Butyl benzyl phthalate	5.00	5.39	108	70 - 130	
Carbazole	5.00	4.87	97	70 - 130	
4-Chloro-3-methylphenol	5.00	5.00	100	70 - 130	
2-Chloronaphthalene	5.00	4.76	95	70 - 130	
2-Chlorophenol	5.00	5.43	109	70 - 130	
4-Chlorophenyl phenyl ether	5.00	4.74	95	70 - 130	
Chrysene	5.00	4.98	100	70 - 130	
Dibenz(a,h)anthracene	5.00	4.45	89	70 - 130	
Dibenzofuran	5.00	4.64	93	70 - 130	
1,4-Dichlorobenzene	5.00	5.10	102	70 - 130	
1,2-Dichlorobenzene	5.00	5.32	106	70 - 130	
1,3-Dichlorobenzene	5.00	5.22	104	70 - 130	
3,3'-Dichlorobenzidine	5.00	5.17	103	70 - 130	
2,4-Dichlorophenol	5.00	4.94	99	70 - 130	
Diethyl phthalate	5.00	4.78	96	70 - 130	
2,4-Dimethylphenol	5.00	5.06	101	70 - 130	
Dimethyl phthalate	5.00	4.57	91	70 - 130	
Di-n-butyl phthalate	5.00	5.00	100	70 - 130	
4,6-Dinitro-2-methylphenol	5.00	4.29	86	70 - 130	
2,4-Dinitrophenol	10.0	5.31	53	70 - 130	^
2,4-Dinitrotoluene	5.00	5.07	101	70 - 130	
2,6-Dinitrotoluene	5.00	4.81	96	70 - 130	
Di-n-octyl phthalate	5.00	5.51	110	70 - 130	
Fluoranthene	5.00	4.78	96	70 - 130	
Fluorene	5.00	4.58	92	70 - 130	
Hexachlorobenzene	5.00	5.09	102	70 - 130	
Hexachlorobutadiene	5.00	4.73	95	70 - 130	
Hexachloroethane	5.00	2.92	58	70 - 130	^
Indeno[1,2,3-cd]pyrene	5.00	4.56	91	70 - 130	
Isophorone	5.00	5.25	105	70 - 130	
2-Methylnaphthalene	5.00	4.77	95	70 - 130	
2-Methylphenol	5.00	5.61	112	70 - 130	
3 & 4 Methylphenol	5.00	5.47	109	70 - 130	
Naphthalene	5.00	4.84	97	70 - 130	
2-Nitroaniline	5.00	5.06	101	70 - 130	
3-Nitroaniline	5.00	5.04	101	70 - 130	
4-Nitroaniline	5.00	4.99	100	70 - 130	
Nitrobenzene	5.00	5.23	105	70 - 130	
2-Nitrophenol	5.00	5.02	100	70 - 130	

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Method Reporting Limit Check - Batch: 240-68844 **Method: 8270C/DoD**
Preparation: N/A

Lab Sample ID:	MRL 240-68844/9	Analysis Batch:	240-68844	Instrument ID:	A4HP9
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	21215009.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	12/15/2012 1457	Units:	ng/uL	Final Weight/Volume:	
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
4-Nitrophenol	5.00	3.48	70	70 - 130	
N-Nitrosodi-n-propylamine	5.00	5.49	110	70 - 130	
N-Nitrosodiphenylamine	5.00	5.00	100	70 - 130	
Pentachlorophenol	10.0	6.11	61	70 - 130	^
Phenanthrene	5.00	4.72	94	70 - 130	
Phenol	5.00	5.58	112	70 - 130	
Pyrene	5.00	4.97	99	70 - 130	
1,2,4-Trichlorobenzene	5.00	4.76	95	70 - 130	
2,4,5-Trichlorophenol	5.00	4.52	90	70 - 130	
2,4,6-Trichlorophenol	5.00	4.49	90	70 - 130	

Surrogate	% Rec		Acceptance Limits
2-Fluorobiphenyl (Surr)	90		50 - 150
2-Fluorophenol (Surr)	108	Q	50 - 150
Nitrobenzene-d5 (Surr)	104	Q	50 - 150
Terphenyl-d14 (Surr)	101		50 - 150
2,4,6-Tribromophenol (Surr)	95		50 - 150
Phenol-d5 (Surr)	116	Q	50 - 150

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-64810

Method: 8015B
Preparation: 5035

MS Lab Sample ID:	240-17317-11	Analysis Batch:	240-65273	Instrument ID:	YPID
Client Matrix:	Solid	Prep Batch:	240-64810	Lab File ID:	YF111616.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	6.451 g
Analysis Date:	11/16/2012 1703			Final Weight/Volume:	5 mL
Prep Date:	11/07/2012 1925			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

MSD Lab Sample ID:	240-17317-11	Analysis Batch:	240-65273	Instrument ID:	YPID
Client Matrix:	Solid	Prep Batch:	240-64810	Lab File ID:	YF111617.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5.949 g
Analysis Date:	11/16/2012 1741			Final Weight/Volume:	5 mL
Prep Date:	11/07/2012 1925			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
C6-C12	61	84	10 - 142	35	94		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Trifluorotoluene (Surr)	72	76	10 - 150

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-64810

Method: 8015B
Preparation: 5035

MS Lab Sample ID:	240-17317-11	Units:	ug/Kg	MSD Lab Sample ID:	240-17317-11
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	11/16/2012 1703			Analysis Date:	11/16/2012 1741
Prep Date:	11/07/2012 1925			Prep Date:	11/07/2012 1925
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
C6-C12	58	J	816	885	559	800

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Method Blank - Batch: 240-65195

Method: 8015B
Preparation: 5030B

Lab Sample ID:	MB 240-65195/7	Analysis Batch:	240-65195	Instrument ID:	O
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	O1111507.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/15/2012 1607	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	11/15/2012 1607			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	DL	LOQ
C6-C12	52.5	J	25	100

Surrogate	% Rec	Acceptance Limits
Trifluorotoluene (Surr)	87	10 - 150

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Method Reporting Limit Check - Batch: 240-65195

Method: 8015B
Preparation: 5030B

Lab Sample ID:	MRL 240-65195/5	Analysis Batch:	240-65195	Instrument ID:	O
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	O1111505.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/15/2012 1459	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	11/15/2012 1459			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
C6-C12	100	143	143	70 - 130	^

Surrogate	% Rec	Acceptance Limits
Trifluorotoluene (Surr)	85	70 - 130

Lab Control Sample - Batch: 240-65195

Method: 8015B
Preparation: 5030B

Lab Sample ID:	LCS 240-65195/8	Analysis Batch:	240-65195	Instrument ID:	O
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	O1111508.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/15/2012 1642	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	11/15/2012 1642			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
C6-C12	800	792	99	72 - 140	

Surrogate	% Rec	Acceptance Limits
Trifluorotoluene (Surr)	90	10 - 150

Method Reporting Limit Check - Batch: 240-65195

Method: 8015B
Preparation: 5030B

Lab Sample ID:	MRL 240-65195/26	Analysis Batch:	240-65195	Instrument ID:	O
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	O1111526.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/16/2012 0251	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	11/16/2012 0251			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
C6-C12	100	131	131	70 - 130	^

Surrogate	% Rec	Acceptance Limits
Trifluorotoluene (Surr)	89	70 - 130

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Method Blank - Batch: 240-65273

Method: 8015B
Preparation: N/A

Lab Sample ID:	MB 240-65273/11	Analysis Batch:	240-65273	Instrument ID:	YPID
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	YF111611.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	11/16/2012 1332	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	DL	LOQ
C6-C12	50	U	46	100

Surrogate	% Rec	Acceptance Limits
Trifluorotoluene (Surr)	73	10 - 150

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Method Reporting Limit Check - Batch: 240-65273

Method: 8015B
Preparation: N/A

Lab Sample ID:	MRL 240-65273/10	Analysis Batch:	240-65273	Instrument ID:	YPID
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	YF111610.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/16/2012 1253	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	N/A			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
C6-C12	100	133	133	70 - 130	^

Surrogate	% Rec	Acceptance Limits
Trifluorotoluene (Surr)	75	70 - 130

Lab Control Sample - Batch: 240-65273

Method: 8015B
Preparation: N/A

Lab Sample ID:	LCS 240-65273/12	Analysis Batch:	240-65273	Instrument ID:	YPID
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	YF111612.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 g
Analysis Date:	11/16/2012 1411	Units:	ug/Kg	Final Weight/Volume:	5 mL
Prep Date:	N/A			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
C6-C12	800	1000	125	60 - 142	

Surrogate	% Rec	Acceptance Limits
Trifluorotoluene (Surr)	87	10 - 150

Method Reporting Limit Check - Batch: 240-65273

Method: 8015B
Preparation: N/A

Lab Sample ID:	MRL 240-65273/21	Analysis Batch:	240-65273	Instrument ID:	YPID
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	YF111621.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	5 mL
Analysis Date:	11/16/2012 2013	Units:	ug/L	Final Weight/Volume:	5 mL
Prep Date:	N/A			Injection Volume:	
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
C6-C12	100	121	121	70 - 130	

Surrogate	% Rec	Acceptance Limits
Trifluorotoluene (Surr)	76	70 - 130

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Method Blank - Batch: 240-65399

Method: 8081/DOD
Preparation: 3540C

Lab Sample ID:	MB 240-65399/5-A	Analysis Batch:	240-65793	Instrument ID:	A2HP9
Client Matrix:	Solid	Prep Batch:	240-65399	Lab File ID:	P9112021.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	11/20/2012 1557	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	11/16/2012 1353			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	DL	LOQ
4,4'-DDD	0.67	U	0.62	2.0
4,4'-DDE	0.67	U	0.39	1.7
4,4'-DDT	0.67	U	0.63	2.0
Aldrin	1.3	U	1.2	4.0
alpha-BHC	1.3	U	0.73	2.5
alpha-Chlordane	1.3	U	0.94	3.0
beta-BHC	1.3	U	1.1	3.5
delta-BHC	1.3	U	1.2	4.0
Dieldrin	0.67	U	0.47	1.7
Endosulfan I	0.67	U	0.52	1.7
Endosulfan II	1.3	U	0.82	2.5
Endosulfan sulfate	1.3	U	0.87	3.0
Endrin	0.67	U	0.50	1.7
Endrin aldehyde	1.3	U	1.0	3.0
Endrin ketone	0.67	U	0.63	2.0
gamma-BHC (Lindane)	1.3	U	0.74	2.5
gamma-Chlordane	0.67	U	0.42	1.7
Heptachlor	1.3	U	1.1	3.5
Heptachlor epoxide	1.3	U	0.80	2.5
Methoxychlor	3.3	U	1.5	5.0
Toxaphene	20	U	19	67

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	69	55 - 130
Tetrachloro-m-xylene	91	70 - 125

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	79	55 - 130
Tetrachloro-m-xylene	75	70 - 125

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Lab Control Sample - Batch: 240-65399

Method: 8081/DOD
Preparation: 3540C

Lab Sample ID:	LCS 240-65399/6-A	Analysis Batch:	240-65793	Instrument ID:	A2HP9
Client Matrix:	Solid	Prep Batch:	240-65399	Lab File ID:	P9112022.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	11/20/2012 1622	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	11/16/2012 1353			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
4,4'-DDD	33.3	35.5	107	30 - 135	
4,4'-DDE	33.3	27.9	84	70 - 125	
4,4'-DDT	33.3	30.4	91	45 - 140	
Aldrin	33.3	27.6	83	45 - 140	
alpha-BHC	33.3	30.1	90	60 - 125	
alpha-Chlordane	33.3	27.6	83	65 - 120	
beta-BHC	33.3	28.4	85	60 - 125	
delta-BHC	33.3	30.2	91	55 - 130	
Dieldrin	33.3	30.4	91	65 - 125	
Endosulfan I	33.3	22.7	68	15 - 135	
Endosulfan II	33.3	26.7	80	35 - 140	
Endosulfan sulfate	33.3	29.8	89	60 - 135	
Endrin	33.3	30.3	91	60 - 135	
Endrin aldehyde	33.3	34.5	103	35 - 145	
Endrin ketone	33.3	30.8	92	65 - 135	
gamma-BHC (Lindane)	33.3	31.1	93	60 - 125	
gamma-Chlordane	33.3	27.7	83	65 - 125	
Heptachlor	33.3	26.1	78	50 - 140	
Heptachlor epoxide	33.3	29.7	89	65 - 130	
Methoxychlor	33.3	28.9	87	55 - 145	

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	75	55 - 130
Tetrachloro-m-xylene	95	70 - 125

Surrogate	% Rec	Acceptance Limits
DCB Decachlorobiphenyl	85	55 - 130
Tetrachloro-m-xylene	97	70 - 125

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-65399

Method: 8081/DOD
Preparation: 3540C

MS Lab Sample ID:	240-17317-7	Analysis Batch:	240-65793	Instrument ID:	A2HP9
Client Matrix:	Solid	Prep Batch:	240-65399	Lab File ID:	P9112018.D
Dilution:	10	Leach Batch:	240-64879	Initial Weight/Volume:	30.15 g
Analysis Date:	11/20/2012 1441			Final Weight/Volume:	10 mL
Prep Date:	11/16/2012 1353			Injection Volume:	1 uL
Leach Date:	11/09/2012 1400			Column ID:	PRIMARY

MSD Lab Sample ID:	240-17317-7	Analysis Batch:	240-65793	Instrument ID:	A2HP9
Client Matrix:	Solid	Prep Batch:	240-65399	Lab File ID:	P9112019.D
Dilution:	10	Leach Batch:	240-64879	Initial Weight/Volume:	30.04 g
Analysis Date:	11/20/2012 1506			Final Weight/Volume:	10 mL
Prep Date:	11/16/2012 1353			Injection Volume:	1 uL
Leach Date:	11/09/2012 1400			Column ID:	PRIMARY

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
4,4'-DDD	99	103	30 - 135	5	30	D	D
4,4'-DDE	86	87	70 - 125	1	30	D	D
4,4'-DDT	89	95	45 - 140	7	30	D	D
Aldrin	79	81	45 - 140	3	30	J D	J D
alpha-BHC	75	79	60 - 125	6	30	J D	D
alpha-Chlordane	80	80	65 - 120	0	30	J D	J D
beta-BHC	211	312	60 - 125	39	30	D J	D J
delta-BHC	79	89	55 - 130	11	30	J D	J D
Dieldrin	87	86	65 - 125	1	30	D	D
Endosulfan I	70	67	15 - 135	4	30	D	D
Endosulfan II	79	81	35 - 140	3	30	D	D
Endosulfan sulfate	87	86	60 - 135	1	30	J D	J D
Endrin	88	92	60 - 135	5	30	D	D
Endrin aldehyde	101	112	35 - 145	11	30	D	D
Endrin ketone	104	103	65 - 135	0	30	D	D
gamma-BHC (Lindane)	91	97	60 - 125	6	30	D	D
gamma-Chlordane	100	109	65 - 125	9	30	D	D
Heptachlor	100	120	50 - 140	19	30	J D	D
Heptachlor epoxide	93	98	65 - 130	6	30	J D	J D
Methoxychlor	147	147	55 - 145	1	30	D M J	D M J

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
DCB Decachlorobiphenyl	90	85	55 - 130
Tetrachloro-m-xylene	87	111	70 - 125

Surrogate	MS % Rec		MSD % Rec		Acceptance Limits
DCB Decachlorobiphenyl	170	Q	199	Q	55 - 130
Tetrachloro-m-xylene	108		128	Q	70 - 125

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-65399

Method: 8081/DOD
Preparation: 3540C

MS Lab Sample ID:	240-17317-7	Units:	ug/Kg	MSD Lab Sample ID:	240-17317-7
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	10			Dilution:	10
Analysis Date:	11/20/2012 1441			Analysis Date:	11/20/2012 1506
Prep Date:	11/16/2012 1353			Prep Date:	11/16/2012 1353
Leach Date:	11/09/2012 1400			Leach Date:	11/09/2012 1400

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
4,4'-DDD	6.7	U	33.2	33.3	32.8	D	34.4	D
4,4'-DDE	6.7	U	33.2	33.3	28.5	D	28.8	D
4,4'-DDT	6.7	U	33.2	33.3	29.6	D	31.6	D
Aldrin	13	U	33.2	33.3	26.2	J D	27.1	J D
alpha-BHC	13	U	33.2	33.3	24.9	J D	26.3	D
alpha-Chlordane	13	U	33.2	33.3	26.4	J D	26.5	J D
beta-BHC	13	U	33.2	33.3	69.8	D J	104	D J
delta-BHC	13	U	33.2	33.3	26.3	J D	29.5	J D
Dieldrin	6.7	U	33.2	33.3	28.8	D	28.6	D
Endosulfan I	6.7	U	33.2	33.3	23.3	D	22.3	D
Endosulfan II	13	U	33.2	33.3	26.3	D	27.1	D
Endosulfan sulfate	13	U	33.2	33.3	28.9	J D	28.6	J D
Endrin	6.7	U	33.2	33.3	29.2	D	30.8	D
Endrin aldehyde	13	U	33.2	33.3	33.4	D	37.2	D
Endrin ketone	6.7	U	33.2	33.3	34.4	D	34.2	D
gamma-BHC (Lindane)	13	U	33.2	33.3	30.3	D	32.3	D
gamma-Chlordane	6.7	U	33.2	33.3	33.3	D	36.3	D
Heptachlor	13	U	33.2	33.3	33.1	J D	40.0	D
Heptachlor epoxide	13	U	33.2	33.3	30.9	J D	32.7	J D
Methoxychlor	33	U	33.2	33.3	48.8	D M J	49.1	D M J

Method Reporting Limit Check - Batch: 240-65793 **Method: 8081/DOD**
Preparation: N/A

Lab Sample ID:	MRL 240-65793/16	Analysis Batch:	240-65793	Instrument ID:	A2HP9
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P9112016.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/20/2012 1351	Units:	ng/uL	Final Weight/Volume:	1.0 mL
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
4,4'-DDD	0.00500	0.00527	105	70 - 130	
4,4'-DDE	0.00500	0.00469	94	70 - 130	J
4,4'-DDT	0.00500	0.00475	95	70 - 130	J
Aldrin	0.00500	0.00466	93	70 - 130	J
alpha-BHC	0.00500	0.00446	89	70 - 130	J
alpha-Chlordane	0.00500	0.00488	98	70 - 130	J
beta-BHC	0.00500	0.00541	108	70 - 130	
delta-BHC	0.00500	0.00454	91	70 - 130	J
Dieldrin	0.00500	0.00499	100	70 - 130	J
Endosulfan I	0.00500	0.00531	106	70 - 130	
Endosulfan II	0.00500	0.00527	105	70 - 130	
Endosulfan sulfate	0.00500	0.00481	96	70 - 130	J
Endrin	0.00500	0.00543	109	70 - 130	
Endrin aldehyde	0.00500	0.00590	118	70 - 130	
Endrin ketone	0.00500	0.00551	110	70 - 130	
gamma-BHC (Lindane)	0.00500	0.00498	100	70 - 130	J
gamma-Chlordane	0.00500	0.00483	97	70 - 130	J
Heptachlor	0.00500	0.00600	120	70 - 130	
Heptachlor epoxide	0.00500	0.00509	102	70 - 130	
Methoxychlor	0.00500	0.00525	105	70 - 130	J

Method Reporting Limit Check - Batch: 240-65793 **Method: 8081/DOD**
Preparation: N/A

Lab Sample ID:	MRL 240-65793/16	Analysis Batch:	240-65793	Instrument ID:	A2HP9
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P9112016.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/20/2012 1351	Units:	ng/uL	Final Weight/Volume:	1.0 mL
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
4,4'-DDD	0.00500	0.00574	115	70 - 130	
4,4'-DDE	0.00500	0.00506	101	70 - 130	
4,4'-DDT	0.00500	0.00481	96	70 - 130	J
Aldrin	0.00500	0.00485	97	70 - 130	J
alpha-BHC	0.00500	0.00498	100	70 - 130	J
alpha-Chlordane	0.00500	0.00499	100	70 - 130	J
beta-BHC	0.00500	0.00536	107	70 - 130	
delta-BHC	0.00500	0.00491	98	70 - 130	J
Dieldrin	0.00500	0.00524	105	70 - 130	
Endosulfan I	0.00500	0.00540	108	70 - 130	
Endosulfan II	0.00500	0.00548	110	70 - 130	
Endosulfan sulfate	0.00500	0.00516	103	70 - 130	

Method Reporting Limit Check - Batch: 240-65793 **Method: 8081/DOD**
Preparation: N/A

Lab Sample ID:	MRL 240-65793/16	Analysis Batch:	240-65793	Instrument ID:	A2HP9
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P9112016.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/20/2012 1351	Units:	ng/uL	Final Weight/Volume:	1.0 mL
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Endrin	0.00500	0.00579	116	70 - 130	
Endrin aldehyde	0.00500	0.00603	121	70 - 130	
Endrin ketone	0.00500	0.00590	118	70 - 130	
gamma-BHC (Lindane)	0.00500	0.00529	106	70 - 130	
gamma-Chlordane	0.00500	0.00489	98	70 - 130	J
Heptachlor	0.00500	0.00597	119	70 - 130	
Heptachlor epoxide	0.00500	0.00521	104	70 - 130	
Methoxychlor	0.00500	0.00556	111	70 - 130	J

Method Reporting Limit Check - Batch: 240-65793 **Method: 8081/DOD**
Preparation: N/A

Lab Sample ID:	MRL 240-65793/28	Analysis Batch:	240-65793	Instrument ID:	A2HP9
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P9112028.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/20/2012 1902	Units:	ng/uL	Final Weight/Volume:	1.0 mL
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
4,4'-DDD	0.00500	0.00527	105	70 - 130	
4,4'-DDE	0.00500	0.00481	96	70 - 130	J
4,4'-DDT	0.00500	0.00425	85	70 - 130	J
Aldrin	0.00500	0.00506	101	70 - 130	
alpha-BHC	0.00500	0.00488	98	70 - 130	J
alpha-Chlordane	0.00500	0.00508	102	70 - 130	
beta-BHC	0.00500	0.00570	114	70 - 130	
delta-BHC	0.00500	0.00480	96	70 - 130	J
Dieldrin	0.00500	0.00516	103	70 - 130	
Endosulfan I	0.00500	0.00556	111	70 - 130	
Endosulfan II	0.00500	0.00527	105	70 - 130	
Endosulfan sulfate	0.00500	0.00461	92	70 - 130	J
Endrin	0.00500	0.00550	110	70 - 130	
Endrin aldehyde	0.00500	0.00555	111	70 - 130	
Endrin ketone	0.00500	0.00504	101	70 - 130	
gamma-BHC (Lindane)	0.00500	0.00516	103	70 - 130	
gamma-Chlordane	0.00500	0.00496	99	70 - 130	J
Heptachlor	0.00500	0.00597	119	70 - 130	
Heptachlor epoxide	0.00500	0.00545	109	70 - 130	
Methoxychlor	0.00500	0.00458	92	70 - 130	J

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Method Reporting Limit Check - Batch: 240-65793

Method: 8081/DOD
Preparation: N/A

Lab Sample ID:	MRL 240-65793/28	Analysis Batch:	240-65793	Instrument ID:	A2HP9
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P9112028.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/20/2012 1902	Units:	ng/uL	Final Weight/Volume:	1.0 mL
Prep Date:	N/A			Injection Volume:	1 uL
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
4,4'-DDD	0.00500	0.00610	122	70 - 130	
4,4'-DDE	0.00500	0.00538	108	70 - 130	
4,4'-DDT	0.00500	0.00456	91	70 - 130	J
Aldrin	0.00500	0.00540	108	70 - 130	
alpha-BHC	0.00500	0.00551	110	70 - 130	
alpha-Chlordane	0.00500	0.00543	109	70 - 130	
beta-BHC	0.00500	0.00577	115	70 - 130	
delta-BHC	0.00500	0.00517	103	70 - 130	
Dieldrin	0.00500	0.00577	115	70 - 130	
Endosulfan I	0.00500	0.00594	119	70 - 130	
Endosulfan II	0.00500	0.00569	114	70 - 130	
Endosulfan sulfate	0.00500	0.00521	104	70 - 130	
Endrin	0.00500	0.00622	124	70 - 130	
Endrin aldehyde	0.00500	0.00597	119	70 - 130	
Endrin ketone	0.00500	0.00569	114	70 - 130	
gamma-BHC (Lindane)	0.00500	0.00558	112	70 - 130	
gamma-Chlordane	0.00500	0.00527	105	70 - 130	
Heptachlor	0.00500	0.00608	122	70 - 130	
Heptachlor epoxide	0.00500	0.00587	117	70 - 130	
Methoxychlor	0.00500	0.00530	106	70 - 130	J

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Method Blank - Batch: 240-65400

Method: 8082/DOD
Preparation: 3540C

Lab Sample ID:	MB 240-65400/23-A	Analysis Batch:	240-65670	Instrument ID:	A2HP13
Client Matrix:	Solid	Prep Batch:	240-65400	Lab File ID:	P1300020.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	11/20/2012 0649	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	11/16/2012 1356			Injection Volume:	1 mL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	DL	LOQ
Aroclor-1221	25	U	16	50
Aroclor-1016	25	U	21	65
Aroclor-1232	25	U	14	45
Aroclor-1242	25	U	13	40
Aroclor-1248	25	U	17	55
Aroclor-1254	25	U	17	55
Aroclor-1260	25	U	17	55

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	95	40 - 140
DCB Decachlorobiphenyl	95	60 - 125

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	73	40 - 140
DCB Decachlorobiphenyl	84	60 - 125

Lab Control Sample - Batch: 240-65400

Method: 8082/DOD
Preparation: 3540C

Lab Sample ID:	LCS 240-65400/24-A	Analysis Batch:	240-65670	Instrument ID:	A2HP13
Client Matrix:	Solid	Prep Batch:	240-65400	Lab File ID:	P1300031.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	30.00 g
Analysis Date:	11/20/2012 0934	Units:	ug/Kg	Final Weight/Volume:	10 mL
Prep Date:	11/16/2012 1356			Injection Volume:	1 mL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor-1016	333	219	66	40 - 140	
Aroclor-1260	333	243	73	60 - 130	

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	52	40 - 140
DCB Decachlorobiphenyl	69	60 - 125

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	60	40 - 140
DCB Decachlorobiphenyl	60	60 - 125

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-65400

Method: 8082/DOD
Preparation: 3540C

MS Lab Sample ID:	240-17317-7	Analysis Batch:	240-65670	Instrument ID:	A2HP13
Client Matrix:	Solid	Prep Batch:	240-65400	Lab File ID:	P1300015.D
Dilution:	1.0	Leach Batch:	240-64879	Initial Weight/Volume:	29.96 g
Analysis Date:	11/20/2012 0535			Final Weight/Volume:	10 mL
Prep Date:	11/16/2012 1356			Injection Volume:	1 mL
Leach Date:	11/09/2012 1400			Column ID:	PRIMARY

MSD Lab Sample ID:	240-17317-7	Analysis Batch:	240-65670	Instrument ID:	A2HP13
Client Matrix:	Solid	Prep Batch:	240-65400	Lab File ID:	P1300016.D
Dilution:	1.0	Leach Batch:	240-64879	Initial Weight/Volume:	29.91 g
Analysis Date:	11/20/2012 0550			Final Weight/Volume:	10 mL
Prep Date:	11/16/2012 1356			Injection Volume:	1 mL
Leach Date:	11/09/2012 1400			Column ID:	PRIMARY

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Aroclor-1016	88	79	40 - 140	10	30		
Aroclor-1260	88	80	60 - 130	10	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Tetrachloro-m-xylene	82	74	40 - 140
DCB Decachlorobiphenyl	92	82	60 - 125

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Tetrachloro-m-xylene	78	70	40 - 140
DCB Decachlorobiphenyl	88	88	60 - 125

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-65400

Method: 8082/DOD
Preparation: 3540C

MS Lab Sample ID:	240-17317-19	Analysis Batch:	240-65670	Instrument ID:	A2HP13
Client Matrix:	Solid	Prep Batch:	240-65400	Lab File ID:	P1300026.D
Dilution:	1.0	Leach Batch:	240-64879	Initial Weight/Volume:	30.17 g
Analysis Date:	11/20/2012 0819			Final Weight/Volume:	10 mL
Prep Date:	11/16/2012 1356			Injection Volume:	1 mL
Leach Date:	11/09/2012 1400			Column ID:	PRIMARY

MSD Lab Sample ID:	240-17317-19	Analysis Batch:	240-65670	Instrument ID:	A2HP13
Client Matrix:	Solid	Prep Batch:	240-65400	Lab File ID:	P1300027.D
Dilution:	1.0	Leach Batch:	240-64879	Initial Weight/Volume:	30.12 g
Analysis Date:	11/20/2012 0834			Final Weight/Volume:	10 mL
Prep Date:	11/16/2012 1356			Injection Volume:	1 mL
Leach Date:	11/09/2012 1400			Column ID:	PRIMARY

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Aroclor-1016	70	77	40 - 140	9	30		
Aroclor-1260	72	76	60 - 130	6	30		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
Tetrachloro-m-xylene	69	75	40 - 140
DCB Decachlorobiphenyl	71	79	60 - 125

Surrogate	MS % Rec		MSD % Rec	Acceptance Limits
Tetrachloro-m-xylene	67		72	40 - 140
DCB Decachlorobiphenyl	59	Q	67	60 - 125

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-65400

Method: 8082/DOD
Preparation: 3540C

MS Lab Sample ID:	240-17317-7	Units: ug/Kg	
Client Matrix:	Solid		
Dilution:	1.0		
Analysis Date:	11/20/2012 0535		
Prep Date:	11/16/2012 1356		
Leach Date:	11/09/2012 1400		

MSD Lab Sample ID:	240-17317-7
Client Matrix:	Solid
Dilution:	1.0
Analysis Date:	11/20/2012 0550
Prep Date:	11/16/2012 1356
Leach Date:	11/09/2012 1400

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Aroclor-1016	25	U	334	334	293	265
Aroclor-1260	25	U	334	334	295	266

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 240-65400

Method: 8082/DOD
Preparation: 3540C

MS Lab Sample ID:	240-17317-19	Units: ug/Kg	
Client Matrix:	Solid		
Dilution:	1.0		
Analysis Date:	11/20/2012 0819		
Prep Date:	11/16/2012 1356		
Leach Date:	11/09/2012 1400		

MSD Lab Sample ID:	240-17317-19
Client Matrix:	Solid
Dilution:	1.0
Analysis Date:	11/20/2012 0834
Prep Date:	11/16/2012 1356
Leach Date:	11/09/2012 1400

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
Aroclor-1016	25	U	331	332	234	255
Aroclor-1260	25	U	331	332	238	252

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Method Reporting Limit Check - Batch: 240-65670 **Method: 8082/DOD**
Preparation: N/A

Lab Sample ID:	MRL 240-65670/10	Analysis Batch:	240-65670	Instrument ID:	A2HP13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P1300010.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/20/2012 0415	Units:	ng/uL	Final Weight/Volume:	1.0 mL
Prep Date:	N/A			Injection Volume:	1 mL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor-1016	0.0500	0.0582	116	70 - 130	
Aroclor-1260	0.0500	0.0560	112	70 - 130	

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	110	50 - 150
DCB Decachlorobiphenyl	116	50 - 150

Method Reporting Limit Check - Batch: 240-65670 **Method: 8082/DOD**
Preparation: N/A

Lab Sample ID:	MRL 240-65670/10	Analysis Batch:	240-65670	Instrument ID:	A2HP13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P1300010.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/20/2012 0415	Units:	ng/uL	Final Weight/Volume:	1.0 mL
Prep Date:	N/A			Injection Volume:	1 mL
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor-1016	0.0500	0.0584	117	70 - 130	
Aroclor-1260	0.0500	0.0564	113	70 - 130	

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	115	50 - 150
DCB Decachlorobiphenyl	113	50 - 150

Method Reporting Limit Check - Batch: 240-65670 **Method: 8082/DOD**
Preparation: N/A

Lab Sample ID:	MRL 240-65670/41	Analysis Batch:	240-65670	Instrument ID:	A2HP13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P1300039.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/20/2012 1134	Units:	ng/uL	Final Weight/Volume:	1.0 mL
Prep Date:	N/A			Injection Volume:	1 mL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor-1016	0.0500	0.0577	115	70 - 130	
Aroclor-1260	0.0500	0.0442	88	70 - 130	J

Surrogate	% Rec		Acceptance Limits
Tetrachloro-m-xylene	108		50 - 150
DCB Decachlorobiphenyl	139	Q	50 - 150

Method Reporting Limit Check - Batch: 240-65670 **Method: 8082/DOD**
Preparation: N/A

Lab Sample ID:	MRL 240-65670/41	Analysis Batch:	240-65670	Instrument ID:	A2HP13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P1300039.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/20/2012 1134	Units:	ng/uL	Final Weight/Volume:	1.0 mL
Prep Date:	N/A			Injection Volume:	1 mL
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor-1016	0.0500	0.0553	111	70 - 130	
Aroclor-1260	0.0500	0.0445	89	70 - 130	J

Surrogate	% Rec		Acceptance Limits
Tetrachloro-m-xylene	113		50 - 150
DCB Decachlorobiphenyl	149	Q	50 - 150

Method Reporting Limit Check - Batch: 240-65670 **Method: 8082/DOD**
Preparation: N/A

Lab Sample ID:	MRL 240-65670/48	Analysis Batch:	240-65670	Instrument ID:	A2HP13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P1300047.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/20/2012 1325	Units:	ng/uL	Final Weight/Volume:	1.0 mL
Prep Date:	N/A			Injection Volume:	1 mL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor-1016	0.0500	0.0584	117	70 - 130	
Aroclor-1260	0.0500	0.0463	93	70 - 130	J

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	108	50 - 150
DCB Decachlorobiphenyl	95	50 - 150

Method Reporting Limit Check - Batch: 240-65670 **Method: 8082/DOD**
Preparation: N/A

Lab Sample ID:	MRL 240-65670/48	Analysis Batch:	240-65670	Instrument ID:	A2HP13
Client Matrix:	Water	Prep Batch:	N/A	Lab File ID:	P1300047.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1 mL
Analysis Date:	11/20/2012 1325	Units:	ng/uL	Final Weight/Volume:	1.0 mL
Prep Date:	N/A			Injection Volume:	1 mL
Leach Date:	N/A			Column ID:	SECONDARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aroclor-1016	0.0500	0.0525	105	70 - 130	
Aroclor-1260	0.0500	0.0484	97	70 - 130	J

Surrogate	% Rec	Acceptance Limits
Tetrachloro-m-xylene	114	50 - 150
DCB Decachlorobiphenyl	92	50 - 150

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Method Blank - Batch: 320-6035

Method: 8330 Modified
Preparation: Sieve/Ultrasoni

Lab Sample ID:	MB 320-6035/1-A	Analysis Batch:	320-6340	Instrument ID:	PDA1
Client Matrix:	Solid	Prep Batch:	320-6035	Lab File ID:	320-0001520-005-1.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	2.00 g
Analysis Date:	11/26/2012 1245	Units:	mg/Kg	Final Weight/Volume:	10 mL
Prep Date:	11/16/2012 1129			Injection Volume:	50 uL
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Nitroguanidine	0.040	U	0.020	0.25

Lab Control Sample - Batch: 320-6035

Method: 8330 Modified
Preparation: Sieve/Ultrasoni

Lab Sample ID:	LCS 320-6035/2-A	Analysis Batch:	320-6340	Instrument ID:	PDA1
Client Matrix:	Solid	Prep Batch:	320-6035	Lab File ID:	320-0001520-006-1.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	2.00 g
Analysis Date:	11/26/2012 1259	Units:	mg/Kg	Final Weight/Volume:	10 mL
Prep Date:	11/16/2012 1129			Injection Volume:	50 uL
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Nitroguanidine	1.00	0.983	98	72 - 121	

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 320-6035

Method: 8330 Modified
Preparation: Sieve/Ultrasoni

MS Lab Sample ID:	240-17317-7	Analysis Batch:	320-6340	Instrument ID:	PDA1
Client Matrix:	Solid	Prep Batch:	320-6035	Lab File ID:	320-0001520-012-1.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	2.00 g
Analysis Date:	11/26/2012 1425			Final Weight/Volume:	10 mL
Prep Date:	11/16/2012 1129			Injection Volume:	50 uL
Leach Date:	N/A				

MSD Lab Sample ID:	240-17317-7	Analysis Batch:	320-6340	Instrument ID:	PDA1
Client Matrix:	Solid	Prep Batch:	320-6035	Lab File ID:	320-0001520-013-1.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	2.01 g
Analysis Date:	11/26/2012 1439			Final Weight/Volume:	10 mL
Prep Date:	11/16/2012 1129			Injection Volume:	50 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Nitroguanidine	94	93	72 - 121	2	20		

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 320-6035

Method: 8330 Modified
Preparation: Sieve/Ultrasoni

MS Lab Sample ID:	240-17317-19	Analysis Batch:	320-6340	Instrument ID:	PDA1
Client Matrix:	Solid	Prep Batch:	320-6035	Lab File ID:	320-0001520-018-1.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	2.06 g
Analysis Date:	11/26/2012 1551			Final Weight/Volume:	10 mL
Prep Date:	11/16/2012 1129			Injection Volume:	50 uL
Leach Date:	N/A				

MSD Lab Sample ID:	240-17317-19	Analysis Batch:	320-6340	Instrument ID:	PDA1
Client Matrix:	Solid	Prep Batch:	320-6035	Lab File ID:	320-0001520-019-1.d
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.98 g
Analysis Date:	11/26/2012 1605			Final Weight/Volume:	10 mL
Prep Date:	11/16/2012 1129			Injection Volume:	50 uL
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Nitroguanidine	92	91	72 - 121	4	20	M	M

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 320-6035

Method: 8330 Modified
Preparation: Sieve/Ultrasoni

MS Lab Sample ID:	240-17317-7	Units: mg/Kg	
Client Matrix:	Solid		
Dilution:	1.0		
Analysis Date:	11/26/2012 1425		
Prep Date:	11/16/2012 1129		
Leach Date:	N/A		

MSD Lab Sample ID:	240-17317-7
Client Matrix:	Solid
Dilution:	1.0
Analysis Date:	11/26/2012 1439
Prep Date:	11/16/2012 1129
Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Nitroguanidine	0.040	U	1.00	0.995	0.940		0.923	

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 320-6035

Method: 8330 Modified
Preparation: Sieve/Ultrasoni

MS Lab Sample ID:	240-17317-19	Units: mg/Kg	
Client Matrix:	Solid		
Dilution:	1.0		
Analysis Date:	11/26/2012 1551		
Prep Date:	11/16/2012 1129		
Leach Date:	N/A		

MSD Lab Sample ID:	240-17317-19
Client Matrix:	Solid
Dilution:	1.0
Analysis Date:	11/26/2012 1605
Prep Date:	11/16/2012 1129
Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Nitroguanidine	0.040	U	0.971	1.01	0.889	M	0.921	M

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Method Blank - Batch: 320-6026

Method: 8330B
Preparation: 8330B

Lab Sample ID:	MB 320-6026/1-A	Analysis Batch:	320-6177	Instrument ID:	LC10
Client Matrix:	Solid	Prep Batch:	320-6026	Lab File ID:	T-000014.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10.00 g
Analysis Date:	11/20/2012 2221	Units:	mg/Kg	Final Weight/Volume:	80 mL
Prep Date:	11/16/2012 1046			Injection Volume:	500 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	DL	LOQ
2-Amino-4,6-dinitrotoluene	0.050	U	0.013	0.25
4-Amino-2,6-dinitrotoluene	0.050	U	0.010	0.25
1,3-Dinitrobenzene	0.050	U	0.0042	0.25
2,4-Dinitrotoluene	0.050	U	0.0053	0.25
2,6-Dinitrotoluene	0.050	U	0.0073	0.25
HMX	0.050	U	0.012	0.25
Nitrobenzene	0.050	U	0.018	0.25
Nitroglycerin	0.25	U	0.015	0.50
2-Nitrotoluene	0.050	U	0.013	0.25
3-Nitrotoluene	0.050	U	0.016	0.25
4-Nitrotoluene	0.050	U	0.018	0.25
PETN	0.25	U	0.025	0.50
RDX	0.050	U	0.012	0.25
Tetryl	0.050	U	0.010	0.25
1,3,5-Trinitrobenzene	0.050	U	0.010	0.25
2,4,6-Trinitrotoluene	0.050	U	0.019	0.25

Surrogate	% Rec	Acceptance Limits
3,4-Dinitrotoluene	99	78 - 118

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Method Blank - Batch: 320-6026

Method: 8330B
Preparation: 8330B

Lab Sample ID:	MB 320-6026/1-A	Analysis Batch:	320-6234	Instrument ID:	LC12
Client Matrix:	Solid	Prep Batch:	320-6026	Lab File ID:	U000005.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10.00 g
Analysis Date:	11/21/2012 1759	Units:	mg/Kg	Final Weight/Volume:	80 mL
Prep Date:	11/16/2012 1046			Injection Volume:	500 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Result	Qual	DL	LOQ
2-Amino-4,6-dinitrotoluene	0.050	U	0.013	0.25
4-Amino-2,6-dinitrotoluene	0.050	U	0.010	0.25
1,3-Dinitrobenzene	0.050	U	0.0042	0.25
2,4-Dinitrotoluene	0.050	U	0.0053	0.25
2,6-Dinitrotoluene	0.050	U	0.0073	0.25
HMX	0.050	U	0.012	0.25
Nitrobenzene	0.050	U	0.018	0.25
Nitroglycerin	0.25	U	0.015	0.50
2-Nitrotoluene	0.050	U	0.013	0.25
3-Nitrotoluene	0.050	U	0.016	0.25
4-Nitrotoluene	0.050	U	0.018	0.25
PETN	0.25	U	0.025	0.50
RDX	0.050	U	0.012	0.25
Tetryl	0.0189	J	0.010	0.25
1,3,5-Trinitrobenzene	0.050	U	0.010	0.25
2,4,6-Trinitrotoluene	0.050	U	0.019	0.25

Surrogate	% Rec		Acceptance Limits
3,4-Dinitrotoluene	75	Q	78 - 118

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Lab Control Sample - Batch: 320-6026

Method: 8330B
Preparation: 8330B

Lab Sample ID:	LCS 320-6026/2-A	Analysis Batch:	320-6177	Instrument ID:	LC10
Client Matrix:	Solid	Prep Batch:	320-6026	Lab File ID:	T-000015.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10.00 g
Analysis Date:	11/20/2012 2302	Units:	mg/Kg	Final Weight/Volume:	80 mL
Prep Date:	11/16/2012 1046			Injection Volume:	500 uL
Leach Date:	N/A			Column ID:	PRIMARY

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
2-Amino-4,6-dinitrotoluene	0.500	0.494	99	79 - 119	
4-Amino-2,6-dinitrotoluene	0.500	0.519	104	81 - 121	
1,3-Dinitrobenzene	0.500	0.508	102	81 - 121	
2,4-Dinitrotoluene	0.500	0.503	101	79 - 119	
2,6-Dinitrotoluene	0.500	0.483	97	79 - 119	
HMX	0.500	0.512	102	80 - 120	
Nitrobenzene	0.500	0.497	99	80 - 120	
Nitroglycerin	1.00	0.973	97	76 - 116	
2-Nitrotoluene	0.500	0.472	94	78 - 118	
3-Nitrotoluene	0.500	0.493	99	77 - 117	
4-Nitrotoluene	0.500	0.481	96	78 - 118	
PETN	1.00	0.995	99	76 - 116	
RDX	0.500	0.503	101	82 - 122	
Tetryl	0.500	0.425	85	63 - 120	
1,3,5-Trinitrobenzene	0.500	0.505	101	81 - 121	
2,4,6-Trinitrotoluene	0.500	0.421	84	65 - 105	

Surrogate	% Rec	Acceptance Limits
3,4-Dinitrotoluene	99	78 - 118

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 320-6026

Method: 8330B
Preparation: 8330B

MS Lab Sample ID:	240-17317-7	Analysis Batch:	320-6177	Instrument ID:	LC10
Client Matrix:	Solid	Prep Batch:	320-6026	Lab File ID:	T-000022.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10.10 g
Analysis Date:	11/21/2012 0345			Final Weight/Volume:	80 mL
Prep Date:	11/16/2012 1046			Injection Volume:	500 uL
Leach Date:	N/A			Column ID:	PRIMARY

MSD Lab Sample ID:	240-17317-7	Analysis Batch:	320-6177	Instrument ID:	LC10
Client Matrix:	Solid	Prep Batch:	320-6026	Lab File ID:	T-000023.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10.07 g
Analysis Date:	11/21/2012 0425			Final Weight/Volume:	80 mL
Prep Date:	11/16/2012 1046			Injection Volume:	500 uL
Leach Date:	N/A			Column ID:	PRIMARY

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
2-Amino-4,6-dinitrotoluene	96	97	79 - 119	1	20		
4-Amino-2,6-dinitrotoluene	100	98	81 - 121	1	20		
1,3-Dinitrobenzene	102	102	81 - 121	0	20		
2,4-Dinitrotoluene	98	98	79 - 119	1	20		
2,6-Dinitrotoluene	92	91	79 - 119	0	20		
HMX	100	98	80 - 120	2	20		
Nitrobenzene	100	99	80 - 120	0	20		
Nitroglycerin	90	91	76 - 116	2	20		
2-Nitrotoluene	89	89	78 - 118	1	20		
3-Nitrotoluene	93	96	77 - 117	3	20		
4-Nitrotoluene	89	91	78 - 118	2	20		
PETN	76	85	76 - 116	10	20		
RDX	89	87	82 - 122	2	20		
Tetryl	78	75	63 - 120	3	20		
1,3,5-Trinitrobenzene	100	101	81 - 121	1	20		
2,4,6-Trinitrotoluene	83	82	65 - 105	0	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
3,4-Dinitrotoluene	96	94	78 - 118

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 320-6026

Method: 8330B
Preparation: 8330B

MS Lab Sample ID:	240-17317-19	Analysis Batch:	320-6177	Instrument ID:	LC10
Client Matrix:	Solid	Prep Batch:	320-6026	Lab File ID:	T-000028.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10.07 g
Analysis Date:	11/21/2012 0748			Final Weight/Volume:	80 mL
Prep Date:	11/16/2012 1046			Injection Volume:	500 uL
Leach Date:	N/A			Column ID:	PRIMARY

MSD Lab Sample ID:	240-17317-19	Analysis Batch:	320-6177	Instrument ID:	LC10
Client Matrix:	Solid	Prep Batch:	320-6026	Lab File ID:	T-000029.D
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	10.00 g
Analysis Date:	11/21/2012 0829			Final Weight/Volume:	80 mL
Prep Date:	11/16/2012 1046			Injection Volume:	500 uL
Leach Date:	N/A			Column ID:	PRIMARY

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
2-Amino-4,6-dinitrotoluene	98	93	79 - 119	4	20		
4-Amino-2,6-dinitrotoluene	100	92	81 - 121	7	20		
1,3-Dinitrobenzene	102	101	81 - 121	0	20		
2,4-Dinitrotoluene	99	97	79 - 119	2	20		
2,6-Dinitrotoluene	97	93	79 - 119	3	20		
HMX	103	100	80 - 120	2	20		
Nitrobenzene	100	96	80 - 120	3	20		
Nitroglycerin	96	94	76 - 116	2	20		
2-Nitrotoluene	93	96	78 - 118	4	20	M	
3-Nitrotoluene	94	97	77 - 117	3	20		
4-Nitrotoluene	95	94	78 - 118	1	20		
PETN	96	93	76 - 116	2	20		M
RDX	98	92	82 - 122	5	20		
Tetryl	69	60	63 - 120	12	20		J
1,3,5-Trinitrobenzene	102	100	81 - 121	1	20		
2,4,6-Trinitrotoluene	87	82	65 - 105	5	20		

Surrogate	MS % Rec	MSD % Rec	Acceptance Limits
3,4-Dinitrotoluene	97	87	78 - 118

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 320-6026

Method: 8330B
Preparation: 8330B

MS Lab Sample ID:	240-17317-7	Units:	mg/Kg	MSD Lab Sample ID:	240-17317-7
Client Matrix:	Solid			Client Matrix:	Solid
Dilution:	1.0			Dilution:	1.0
Analysis Date:	11/21/2012 0345			Analysis Date:	11/21/2012 0425
Prep Date:	11/16/2012 1046			Prep Date:	11/16/2012 1046
Leach Date:	N/A			Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual	MSD Result/Qual
2-Amino-4,6-dinitrotoluene	0.050	U	0.495	0.497	0.477	0.483
4-Amino-2,6-dinitrotoluene	0.050	U	0.495	0.497	0.493	0.488
1,3-Dinitrobenzene	0.050	U	0.495	0.497	0.506	0.507
2,4-Dinitrotoluene	0.050	U	0.495	0.497	0.485	0.488
2,6-Dinitrotoluene	0.015	J	0.495	0.497	0.469	0.468
HMX	0.050	U	0.495	0.497	0.496	0.486
Nitrobenzene	0.050	U	0.495	0.497	0.494	0.492
Nitroglycerin	0.072	J	0.990	0.993	0.961	0.980
2-Nitrotoluene	0.027	J	0.495	0.497	0.465	0.470
3-Nitrotoluene	0.019	J	0.495	0.497	0.479	0.495
4-Nitrotoluene	0.027	J	0.495	0.497	0.465	0.476
PETN	0.12	J	0.990	0.993	0.871	0.962
RDX	0.050	U	0.495	0.497	0.441	0.432
Tetryl	0.018	J	0.495	0.497	0.406	0.392
1,3,5-Trinitrobenzene	0.050	U	0.495	0.497	0.496	0.500
2,4,6-Trinitrotoluene	0.050	U	0.495	0.497	0.410	0.409

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 320-6026

Method: 8330B
Preparation: 8330B

MS Lab Sample ID:	240-17317-19	Units: mg/Kg	
Client Matrix:	Solid		
Dilution:	1.0		
Analysis Date:	11/21/2012 0748		
Prep Date:	11/16/2012 1046		
Leach Date:	N/A		

MSD Lab Sample ID:	240-17317-19
Client Matrix:	Solid
Dilution:	1.0
Analysis Date:	11/21/2012 0829
Prep Date:	11/16/2012 1046
Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
2-Amino-4,6-dinitrotoluene	0.050	U	0.497	0.500	0.486		0.467	
4-Amino-2,6-dinitrotoluene	0.050	U	0.497	0.500	0.496		0.462	
1,3-Dinitrobenzene	0.050	U	0.497	0.500	0.506		0.506	
2,4-Dinitrotoluene	0.050	U	0.497	0.500	0.494		0.483	
2,6-Dinitrotoluene	0.050	U	0.497	0.500	0.481		0.466	
HMX	0.050	U	0.497	0.500	0.512		0.500	
Nitrobenzene	0.050	U	0.497	0.500	0.496		0.482	
Nitroglycerin	0.25	U	0.993	1.00	0.954		0.939	
2-Nitrotoluene	0.050	U	0.497	0.500	0.464	M	0.482	
3-Nitrotoluene	0.050	U	0.497	0.500	0.468		0.485	
4-Nitrotoluene	0.050	U	0.497	0.500	0.472		0.469	
PETN	0.25	U	0.993	1.00	0.952		0.930	M
RDX	0.050	U	0.497	0.500	0.485		0.462	
Tetryl	0.053	J	0.497	0.500	0.395		0.351	J
1,3,5-Trinitrobenzene	0.050	U	0.497	0.500	0.506		0.501	
2,4,6-Trinitrotoluene	0.050	U	0.497	0.500	0.432		0.410	

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Method Blank - Batch: 240-65145

Method: 6020/DOD
Preparation: 3050B

Lab Sample ID:	MB 240-65145/1-A	Analysis Batch:	240-65867	Instrument ID:	I8
Client Matrix:	Solid	Prep Batch:	240-65145	Lab File ID:	I8112012A.csv
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.00 g
Analysis Date:	11/20/2012 1220	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1009				
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Aluminum	4.0	U	2.5	10
Antimony	0.15	U	0.062	0.20
Arsenic	0.15	U	0.052	0.50
Barium	0.30	U	0.13	0.50
Beryllium	0.010	U	0.0035	0.10
Cadmium	0.010	U	0.0031	0.20
Calcium	100	U	40	200
Chromium	0.45	U	0.16	0.50
Cobalt	0.015	U	0.0045	0.10
Copper	0.30	U	0.11	0.40
Iron	30	U	11	50
Lead	0.20	U	0.071	0.30
Magnesium	25	U	8.9	100
Manganese	0.40	U	0.16	0.50
Nickel	0.25	U	0.086	0.50
Potassium	4.74	J	3.8	100
Selenium	0.060	U	0.021	0.50
Silver	0.050	U	0.016	0.10
Sodium	40	U	14	100
Thallium	0.15	U	0.056	0.20
Vanadium	0.10	U	0.043	0.50
Zinc	2.0	U	1.0	4.0

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Lab Control Sample - Batch: 240-65145

Method: 6020/DOD
Preparation: 3050B

Lab Sample ID:	LCS 240-65145/2-A	Analysis Batch:	240-65867	Instrument ID:	I8
Client Matrix:	Solid	Prep Batch:	240-65145	Lab File ID:	I8112012A.csv
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.00 g
Analysis Date:	11/20/2012 1225	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1009				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	1000	940	94	80 - 120	
Antimony	10.0	9.23	92	68 - 113	
Arsenic	100	90.1	90	73 - 110	
Barium	100	93.3	93	70 - 110	
Beryllium	100	99.8	100	79 - 110	
Cadmium	100	96.1	96	74 - 110	
Calcium	1000	930	93	80 - 120	
Chromium	100	94.8	95	70 - 110	
Cobalt	100	92.7	93	74 - 110	
Copper	100	95.9	96	73 - 110	
Iron	1000	939	94	80 - 120	
Lead	100	89.1	89	75 - 110	
Magnesium	1000	964	96	80 - 120	
Manganese	100	95.9	96	80 - 120	
Nickel	100	94.5	95	75 - 110	
Potassium	1000	937	94	80 - 120	
Selenium	100	89.7	90	65 - 110	
Silver	10.0	9.99	100	60 - 114	
Sodium	1000	940	94	80 - 120	
Thallium	25.0	22.2	89	71 - 110	
Vanadium	100	91.0	91	72 - 110	
Zinc	100	97.1	97	72 - 113	

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Matrix Spike - Batch: 240-65145

Method: 6020/DOD
Preparation: 3050B

Lab Sample ID:	240-17317-19	Analysis Batch:	240-65867	Instrument ID:	I8
Client Matrix:	Solid	Prep Batch:	240-65145	Lab File ID:	I8112012A.csv
Dilution:	1.0	Leach Batch:	240-64879	Initial Weight/Volume:	1.04 g
Analysis Date:	11/20/2012 1511	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1009				
Leach Date:	11/09/2012 1400				

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	7500		962	10700	338	70 - 130	4
Arsenic	9.5		9.62	19.2	101	23 - 131	
Beryllium	0.45		9.62	9.66	96	58 - 112	
Cadmium	0.16	J	9.62	8.92	91	58 - 110	
Calcium	1800		962	3130	143	70 - 130	J
Chromium	44		9.62	48.8	52	10 - 199	4
Cobalt	7.3		9.62	16.1	91	55 - 110	
Copper	15		9.62	23.8	90	10 - 199	
Iron	19000		962	20500	192	70 - 130	4
Magnesium	1800		962	2910	119	70 - 130	
Manganese	310		9.62	327	189	10 - 199	4
Nickel	30		9.62	36.5	71	10 - 176	
Potassium	590		962	1770	123	70 - 130	
Selenium	0.52		9.62	8.58	84	39 - 116	
Silver	0.029	J	9.62	8.86	92	75 - 125	
Sodium	49	J	962	902	89	70 - 130	
Vanadium	14		9.62	25.4	122	39 - 129	
Zinc	49		9.62	65.5	176	10 - 199	4

Matrix Spike - Batch: 240-65145

Method: 6020/DOD
Preparation: 3050B

Lab Sample ID:	240-17317-7	Analysis Batch:	240-66205	Instrument ID:	I8
Client Matrix:	Solid	Prep Batch:	240-65145	Lab File ID:	I8112312A.csv
Dilution:	5.0	Leach Batch:	240-64879	Initial Weight/Volume:	1.17 g
Analysis Date:	11/23/2012 1325	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1009				
Leach Date:	11/09/2012 1400				

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Antimony	0.64	U	8.55	2.16	25	75 - 125	D J
Barium	95		8.55	90.5	-52	10 - 199	D 4
Iron	31000		855	29800	-160	70 - 130	D 4
Lead	18		8.55	26.3	94	10 - 199	D
Manganese	520		8.55	386	-1520	10 - 199	D 4
Thallium	0.64	U	8.55	7.97	93	82 - 110	D

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Matrix Spike - Batch: 240-65145

Method: 6020/DOD
Preparation: 3050B

Lab Sample ID:	240-17317-7	Analysis Batch:	240-66205	Instrument ID:	I8
Client Matrix:	Solid	Prep Batch:	240-65145	Lab File ID:	I8112312A.csv
Dilution:	5.0	Leach Batch:	240-64879	Initial Weight/Volume:	1.17 g
Analysis Date:	11/23/2012 1331	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1009				
Leach Date:	11/09/2012 1400				

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	13000		855	14700	233	70 - 130	D 4
Arsenic	12		8.55	21.2	112	23 - 131	D
Beryllium	0.87		8.55	9.42	100	58 - 112	D
Cadmium	0.12	J	8.55	8.60	99	58 - 110	D
Calcium	3900		855	5750	221	70 - 130	D 4
Chromium	22		8.55	31.5	110	10 - 199	D
Cobalt	13		8.55	20.7	92	55 - 110	D
Copper	18		8.55	28.2	121	10 - 199	D
Magnesium	3700		855	5030	161	70 - 130	D 4
Nickel	28		8.55	39.3	134	10 - 176	D
Potassium	1200		855	1990	90	70 - 130	D
Selenium	0.57		8.55	8.05	87	39 - 116	D
Silver	0.029	J	8.55	8.66	101	75 - 125	D
Sodium	52	J	855	898	99	70 - 130	D
Vanadium	21		8.55	29.6	95	39 - 129	D
Zinc	63		8.55	81.2	209	10 - 199	D 4

Matrix Spike - Batch: 240-65145

Method: 6020/DOD
Preparation: 3050B

Lab Sample ID:	240-17317-19	Analysis Batch:	240-66205	Instrument ID:	I8
Client Matrix:	Solid	Prep Batch:	240-65145	Lab File ID:	I8112312A.csv
Dilution:	5.0	Leach Batch:	240-64879	Initial Weight/Volume:	1.04 g
Analysis Date:	11/23/2012 1438	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1009				
Leach Date:	11/09/2012 1400				

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Antimony	0.72	U	9.62	2.88	30	75 - 125	D J
Barium	57		9.62	69.6	135	10 - 199	D 4
Lead	19		9.62	28.2	97	10 - 199	D
Thallium	0.72	U	9.62	9.13	95	82 - 110	D

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Duplicate - Batch: 240-65145

Method: 6020/DOD
Preparation: 3050B

Lab Sample ID:	240-17317-7	Analysis Batch:	240-65867	Instrument ID:	I8
Client Matrix:	Solid	Prep Batch:	240-65145	Lab File ID:	I8112012A.csv
Dilution:	1.0	Leach Batch:	240-64879	Initial Weight/Volume:	1.17 g
Analysis Date:	11/20/2012 1357	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1009				
Leach Date:	11/09/2012 1400				

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Aluminum	13000		11700	9	20	
Arsenic	12		11.2	4	20	
Beryllium	0.87		0.790	9	20	
Cadmium	0.12	J	0.116	4	20	J
Calcium	3900		4560	17	20	
Chromium	22		21.1	5	20	
Cobalt	13		11.0	16	20	
Copper	18		17.2	4	20	
Magnesium	3700		3670	0.5	20	
Nickel	28		26.8	4	20	
Potassium	1200		1060	15	20	
Selenium	0.57		0.543	6	20	
Silver	0.029	J	0.0282	4	20	J
Sodium	52	J	54.1	3	20	J
Vanadium	21		19.6	9	20	
Zinc	63		57.4	10	20	

Duplicate - Batch: 240-65145

Method: 6020/DOD
Preparation: 3050B

Lab Sample ID:	240-17317-19	Analysis Batch:	240-65867	Instrument ID:	I8
Client Matrix:	Solid	Prep Batch:	240-65145	Lab File ID:	I8112012A.csv
Dilution:	1.0	Leach Batch:	240-64879	Initial Weight/Volume:	1.04 g
Analysis Date:	11/20/2012 1506	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1009				
Leach Date:	11/09/2012 1400				

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Aluminum	7500		8220	10	20	
Arsenic	9.5		10.7	12	20	
Beryllium	0.45		0.494	10	20	
Cadmium	0.16	J	0.180	10	20	J
Calcium	1800		1860	6	20	
Chromium	44		34.7	23	20	J
Cobalt	7.3		7.60	4	20	
Copper	15		15.8	4	20	
Iron	19000		19400	4	20	
Magnesium	1800		1860	5	20	
Manganese	310		321	4	20	
Nickel	30		25.8	14	20	
Potassium	590		672	14	20	

Duplicate - Batch: 240-65145 **Method: 6020/DOD**
Preparation: 3050B

Lab Sample ID:	240-17317-19	Analysis Batch:	240-65867	Instrument ID:	I8
Client Matrix:	Solid	Prep Batch:	240-65145	Lab File ID:	I8112012A.csv
Dilution:	1.0	Leach Batch:	240-64879	Initial Weight/Volume:	1.04 g
Analysis Date:	11/20/2012 1506	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1009				
Leach Date:	11/09/2012 1400				

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Selenium	0.52		0.583	12	20	
Silver	0.029	J	0.0286	3	20	J
Sodium	49	J	51.9	6	20	J
Vanadium	14		15.4	12	20	
Zinc	49		53.2	9	20	

Duplicate - Batch: 240-65145 **Method: 6020/DOD**
Preparation: 3050B

Lab Sample ID:	240-17317-7	Analysis Batch:	240-66205	Instrument ID:	I8
Client Matrix:	Solid	Prep Batch:	240-65145	Lab File ID:	I8112312A.csv
Dilution:	5.0	Leach Batch:	240-64879	Initial Weight/Volume:	1.17 g
Analysis Date:	11/23/2012 1320	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1009				
Leach Date:	11/09/2012 1400				

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Antimony	0.64	U	0.64	NC	20	U
Barium	95		83.7	13	20	D
Iron	31000		29000	7	20	D
Lead	18		18.0	2	20	D
Manganese	520		372	33	20	D J
Thallium	0.64	U	0.64	NC	20	U

Duplicate - Batch: 240-65145 **Method: 6020/DOD**
Preparation: 3050B

Lab Sample ID:	240-17317-19	Analysis Batch:	240-66205	Instrument ID:	I8
Client Matrix:	Solid	Prep Batch:	240-65145	Lab File ID:	I8112312A.csv
Dilution:	5.0	Leach Batch:	240-64879	Initial Weight/Volume:	1.04 g
Analysis Date:	11/23/2012 1433	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1009				
Leach Date:	11/09/2012 1400				

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Antimony	0.72	U	1.87	NC	20	D
Barium	57		60.3	6	20	D
Lead	19		20.5	8	20	D
Thallium	0.72	U	0.72	NC	20	U

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Method Blank - Batch: 240-65198

Method: 6020/DOD
Preparation: 3050B

Lab Sample ID:	MB 240-65198/1-A	Analysis Batch:	240-66205	Instrument ID:	I8
Client Matrix:	Solid	Prep Batch:	240-65198	Lab File ID:	I8112312A.csv
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.00 g
Analysis Date:	11/23/2012 1510	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1219				
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Aluminum	4.0	U	2.5	10
Antimony	0.15	U	0.062	0.20
Arsenic	0.15	U	0.052	0.50
Barium	0.30	U	0.13	0.50
Beryllium	0.010	U	0.0035	0.10
Cadmium	0.010	U	0.0031	0.20
Calcium	100	U	40	200
Chromium	0.45	U	0.16	0.50
Cobalt	0.015	U	0.0045	0.10
Copper	0.30	U	0.11	0.40
Iron	30	U	11	50
Lead	0.20	U	0.071	0.30
Magnesium	25	U	8.9	100
Manganese	0.40	U	0.16	0.50
Nickel	0.25	U	0.086	0.50
Potassium	4.92	J	3.8	100
Selenium	0.060	U	0.021	0.50
Silver	0.050	U	0.016	0.10
Sodium	40	U	14	100
Thallium	0.15	U	0.056	0.20
Vanadium	0.10	U	0.043	0.50
Zinc	2.0	U	1.0	4.0

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Lab Control Sample - Batch: 240-65198

Method: 6020/DOD
Preparation: 3050B

Lab Sample ID:	LCS 240-65198/2-A	Analysis Batch:	240-66205	Instrument ID:	I8
Client Matrix:	Solid	Prep Batch:	240-65198	Lab File ID:	I8112312A.csv
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.00 g
Analysis Date:	11/23/2012 1515	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1219				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Aluminum	1000	936	94	80 - 120	
Antimony	10.0	9.31	93	68 - 113	
Arsenic	100	86.3	86	73 - 110	
Barium	100	93.6	94	70 - 110	
Beryllium	100	93.4	93	79 - 110	
Cadmium	100	97.4	97	74 - 110	
Calcium	1000	902	90	80 - 120	
Chromium	100	93.0	93	70 - 110	
Cobalt	100	91.9	92	74 - 110	
Copper	100	94.5	95	73 - 110	
Iron	1000	984	98	80 - 120	
Lead	100	91.9	92	75 - 110	
Magnesium	1000	986	99	80 - 120	
Manganese	100	94.5	94	80 - 120	
Nickel	100	93.4	93	75 - 110	
Potassium	1000	966	97	80 - 120	
Selenium	100	85.5	85	65 - 110	
Silver	10.0	10.2	102	60 - 114	
Sodium	1000	994	99	80 - 120	
Thallium	25.0	22.3	89	71 - 110	
Vanadium	100	89.0	89	72 - 110	
Zinc	100	93.3	93	72 - 113	

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Method Blank - Batch: 240-65191

Method: 7471/DOD
Preparation: 7471A

Lab Sample ID:	MB 240-65191/1-A	Analysis Batch:	240-65450	Instrument ID:	H1
Client Matrix:	Solid	Prep Batch:	240-65191	Lab File ID:	111612A-HG1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.60 g
Analysis Date:	11/16/2012 1811	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1440				
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Hg	0.0245	J	0.014	0.10

Lab Control Sample - Batch: 240-65191

Method: 7471/DOD
Preparation: 7471A

Lab Sample ID:	LCS 240-65191/2-A	Analysis Batch:	240-65450	Instrument ID:	H1
Client Matrix:	Solid	Prep Batch:	240-65191	Lab File ID:	111612A-HG1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.60 g
Analysis Date:	11/16/2012 1813	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1440				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Hg	0.833	0.689	83	80 - 120	

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Matrix Spike - Batch: 240-65191

Method: 7471/DOD
Preparation: 7471A

Lab Sample ID:	240-17317-7	Analysis Batch:	240-65450	Instrument ID:	H1
Client Matrix:	Solid	Prep Batch:	240-65191	Lab File ID:	111612A-HG1.PRN
Dilution:	1.0	Leach Batch:	240-64879	Initial Weight/Volume:	0.61 g
Analysis Date:	11/16/2012 1836	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1440				
Leach Date:	11/09/2012 1400				

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Hg	0.046	J	0.164	0.187	85	80 - 120	

Matrix Spike - Batch: 240-65191

Method: 7471/DOD
Preparation: 7471A

Lab Sample ID:	240-17317-19	Analysis Batch:	240-65450	Instrument ID:	H1
Client Matrix:	Solid	Prep Batch:	240-65191	Lab File ID:	111612A-HG1.PRN
Dilution:	1.0	Leach Batch:	240-64879	Initial Weight/Volume:	0.63 g
Analysis Date:	11/16/2012 1856	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1440				
Leach Date:	11/09/2012 1400				

Analyte	Sample Result/Qual		Spike Amount	Result	% Rec.	Limit	Qual
Hg	0.053	J	0.159	0.191	87	80 - 120	

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Duplicate - Batch: 240-65191

Method: 7471/DOD
Preparation: 7471A

Lab Sample ID:	240-17317-7	Analysis Batch:	240-65450	Instrument ID:	H1
Client Matrix:	Solid	Prep Batch:	240-65191	Lab File ID:	111612A-HG1.PRN
Dilution:	1.0	Leach Batch:	240-64879	Initial Weight/Volume:	0.61 g
Analysis Date:	11/16/2012 1835	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1440				
Leach Date:	11/09/2012 1400				

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Hg	0.046	J	0.0485	4		J

Duplicate - Batch: 240-65191

Method: 7471/DOD
Preparation: 7471A

Lab Sample ID:	240-17317-19	Analysis Batch:	240-65450	Instrument ID:	H1
Client Matrix:	Solid	Prep Batch:	240-65191	Lab File ID:	111612A-HG1.PRN
Dilution:	1.0	Leach Batch:	240-64879	Initial Weight/Volume:	0.63 g
Analysis Date:	11/16/2012 1854	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1440				
Leach Date:	11/09/2012 1400				

Analyte	Sample Result/Qual		Result	RPD	Limit	Qual
Hg	0.053	J	0.0548	2		J

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Method Blank - Batch: 240-65204

Method: 7471/DOD
Preparation: 7471A

Lab Sample ID:	MB 240-65204/1-A	Analysis Batch:	240-65450	Instrument ID:	H1
Client Matrix:	Solid	Prep Batch:	240-65204	Lab File ID:	111612A-HG1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.60 g
Analysis Date:	11/16/2012 1859	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1440				
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Hg	0.0276	J	0.014	0.10

Lab Control Sample - Batch: 240-65204

Method: 7471/DOD
Preparation: 7471A

Lab Sample ID:	LCS 240-65204/2-A	Analysis Batch:	240-65450	Instrument ID:	H1
Client Matrix:	Solid	Prep Batch:	240-65204	Lab File ID:	111612A-HG1.PRN
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	0.60 g
Analysis Date:	11/16/2012 1900	Units:	mg/Kg	Final Weight/Volume:	100 mL
Prep Date:	11/15/2012 1440				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Hg	0.833	0.705	85	80 - 120	

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Duplicate - Batch: 240-65100 **Method: Moisture**
Preparation: N/A

Lab Sample ID:	240-17317-11	Analysis Batch:	240-65100	Instrument ID:	No Equipment
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	11/15/2012 0906	Units:	%	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Solids	76	78	2	20	
Percent Moisture	24	22	7	20	

Duplicate - Batch: 240-65100 **Method: Moisture**
Preparation: N/A

Lab Sample ID:	240-17317-7	Analysis Batch:	240-65100	Instrument ID:	No Equipment
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	11/15/2012 0906	Units:	%	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Solids	88	81	8	20	
Percent Moisture	12	19	43	20	J

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Duplicate - Batch: 240-65423

Method: Moisture
Preparation: N/A

Lab Sample ID:	240-17317-14	Analysis Batch:	240-65423	Instrument ID:	No Equipment
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	11/16/2012 1601	Units:	%	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Solids	98	98	0.3	20	
Percent Moisture	1.6	1.8	15	20	

Duplicate - Batch: 240-65423

Method: Moisture
Preparation: N/A

Lab Sample ID:	240-17317-19	Analysis Batch:	240-65423	Instrument ID:	No Equipment
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	N/A
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	
Analysis Date:	11/16/2012 1601	Units:	%	Final Weight/Volume:	
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Sample Result/Qual	Result	RPD	Limit	Qual
Percent Solids	97	98	0.5	20	H
Percent Moisture	2.6	2.1	22	20	H J

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Method Blank - Batch: 320-6149

Method: WS-WC-0050
Preparation: 353 (NCell-Hyd)

Lab Sample ID:	MB 320-6087/1-B	Analysis Batch:	320-6287	Instrument ID:	FS4
Client Matrix:	Solid	Prep Batch:	320-6149	Lab File ID:	112112B.TXT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	45 mL
Analysis Date:	11/21/2012 1430	Units:	mg/Kg	Final Weight/Volume:	40 mL
Prep Date:	11/20/2012 0648				
Leach Date:	N/A				

Analyte	Result	Qual	DL	LOQ
Nitrocellulose	1.8	U	0.78	5.0

Lab Control Sample - Batch: 320-6149

Method: WS-WC-0050
Preparation: 353 (NCell-Hyd)

Lab Sample ID:	LCS 320-6087/2-B	Analysis Batch:	320-6287	Instrument ID:	FS4
Client Matrix:	Solid	Prep Batch:	320-6149	Lab File ID:	112112B.TXT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	45 mL
Analysis Date:	11/21/2012 1432	Units:	mg/Kg	Final Weight/Volume:	40 mL
Prep Date:	11/20/2012 0648				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Nitrocellulose	50.6	30.2	60	34 - 115	

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 320-6149

Method: WS-WC-0050
Preparation: 353 (NCell-Hyd)

MS Lab Sample ID:	240-17317-7	Analysis Batch:	320-6288	Instrument ID:	FS4
Client Matrix:	Solid	Prep Batch:	320-6149	Lab File ID:	112112D.TXT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	45 mL
Analysis Date:	11/21/2012 1656			Final Weight/Volume:	40 mL
Prep Date:	11/20/2012 0648				
Leach Date:	N/A				

MSD Lab Sample ID:	240-17317-7	Analysis Batch:	320-6288	Instrument ID:	FS4
Client Matrix:	Solid	Prep Batch:	320-6149	Lab File ID:	112112D.TXT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	45 mL
Analysis Date:	11/21/2012 1658			Final Weight/Volume:	40 mL
Prep Date:	11/20/2012 0648				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Nitrocellulose	32	32	34 - 115	3	71	J	J

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 320-6149

Method: WS-WC-0050
Preparation: 353 (NCell-Hyd)

MS Lab Sample ID:	240-17317-19	Analysis Batch:	320-6288	Instrument ID:	FS4
Client Matrix:	Solid	Prep Batch:	320-6149	Lab File ID:	112112D.TXT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	45 mL
Analysis Date:	11/21/2012 1752			Final Weight/Volume:	40 mL
Prep Date:	11/20/2012 0648				
Leach Date:	N/A				

MSD Lab Sample ID:	240-17317-19	Analysis Batch:	320-6288	Instrument ID:	FS4
Client Matrix:	Solid	Prep Batch:	320-6149	Lab File ID:	112112D.TXT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	45 mL
Analysis Date:	11/21/2012 1754			Final Weight/Volume:	40 mL
Prep Date:	11/20/2012 0648				
Leach Date:	N/A				

	% Rec.						
Analyte	MS	MSD	Limit	RPD	RPD Limit	MS Qual	MSD Qual
Nitrocellulose	14	9	34 - 115	24	71	J Q	Q J

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 320-6149

Method: WS-WC-0050
Preparation: 353 (NCell-Hyd)

MS Lab Sample ID:	240-17317-7	Units: mg/Kg	
Client Matrix:	Solid		
Dilution:	1.0		
Analysis Date:	11/21/2012 1656		
Prep Date:	11/20/2012 0648		
Leach Date:	N/A		

MSD Lab Sample ID:	240-17317-7
Client Matrix:	Solid
Dilution:	1.0
Analysis Date:	11/21/2012 1658
Prep Date:	11/20/2012 0648
Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Nitrocellulose	0.88	J	49.6	50.4	16.6	J	17.1	J

Matrix Spike/
Matrix Spike Duplicate Recovery Report - Batch: 320-6149

Method: WS-WC-0050
Preparation: 353 (NCell-Hyd)

MS Lab Sample ID:	240-17317-19	Units: mg/Kg	
Client Matrix:	Solid		
Dilution:	1.0		
Analysis Date:	11/21/2012 1752		
Prep Date:	11/20/2012 0648		
Leach Date:	N/A		

MSD Lab Sample ID:	240-17317-19
Client Matrix:	Solid
Dilution:	1.0
Analysis Date:	11/21/2012 1754
Prep Date:	11/20/2012 0648
Leach Date:	N/A

Analyte	Sample Result/Qual		MS Spike Amount	MSD Spike Amount	MS Result/Qual		MSD Result/Qual	
Nitrocellulose	2.5	J	47.9	49.3	8.98	J Q	7.05	Q J

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Method Reporting Limit Check - Batch: 320-6288 **Method: WS-WC-0050**
Preparation: N/A

Lab Sample ID:	MRL 320-6288/15	Analysis Batch:	320-6288	Instrument ID:	FS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	112112D.TXT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.0 mL
Analysis Date:	11/21/2012 1704	Units:	mg/L	Final Weight/Volume:	1.0 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Nitrocellulose	0.424	1.0	83	70 - 130	U

Method Reporting Limit Check - Batch: 320-6288 **Method: WS-WC-0050**
Preparation: N/A

Lab Sample ID:	MRL 320-6288/20	Analysis Batch:	320-6288	Instrument ID:	FS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	112112D.TXT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.0 mL
Analysis Date:	11/21/2012 1714	Units:	mg/L	Final Weight/Volume:	1.0 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Nitrocellulose	0.424	1.0	83	70 - 130	U

Method Reporting Limit Check - Batch: 320-6288 **Method: WS-WC-0050**
Preparation: N/A

Lab Sample ID:	MRL 320-6288/25	Analysis Batch:	320-6288	Instrument ID:	FS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	112112D.TXT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.0 mL
Analysis Date:	11/21/2012 1724	Units:	mg/L	Final Weight/Volume:	1.0 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Nitrocellulose	0.424	1.0	89	70 - 130	U

Method Reporting Limit Check - Batch: 320-6288 **Method: WS-WC-0050**
Preparation: N/A

Lab Sample ID:	MRL 320-6288/30	Analysis Batch:	320-6288	Instrument ID:	FS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	112112D.TXT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.0 mL
Analysis Date:	11/21/2012 1734	Units:	mg/L	Final Weight/Volume:	1.0 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Nitrocellulose	0.424	1.0	87	70 - 130	U

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Method Reporting Limit Check - Batch: 320-6288

Method: WS-WC-0050
Preparation: N/A

Lab Sample ID:	MRL 320-6288/35	Analysis Batch:	320-6288	Instrument ID:	FS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	112112D.TXT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.0 mL
Analysis Date:	11/21/2012 1744	Units:	mg/L	Final Weight/Volume:	1.0 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Nitrocellulose	0.424	1.0	77	70 - 130	U

Method Reporting Limit Check - Batch: 320-6288

Method: WS-WC-0050
Preparation: N/A

Lab Sample ID:	MRL 320-6288/41	Analysis Batch:	320-6288	Instrument ID:	FS4
Client Matrix:	Solid	Prep Batch:	N/A	Lab File ID:	112112D.TXT
Dilution:	1.0	Leach Batch:	N/A	Initial Weight/Volume:	1.0 mL
Analysis Date:	11/21/2012 1756	Units:	mg/L	Final Weight/Volume:	1.0 mL
Prep Date:	N/A				
Leach Date:	N/A				

Analyte	Spike Amount	Result	% Rec.	Limit	Qual
Nitrocellulose	0.424	1.0	54	70 - 130	U ^

DATA REPORTING QUALIFIERS

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Lab Section	Qualifier	Description
GC/MS VOA		
	J	Estimated: The analyte was positively identified; the quantitation is an estimation
	J	Estimated: The quantitation is an estimation due to discrepancies in meeting certain analyte-specific quality control criteria.
	^	Instrument related QC exceeds the control limits
	Q	One or more quality control criteria failed.
	U	Undetected at the Limit of Detection.
GC/MS Semi VOA		
	J	Estimated: The analyte was positively identified; the quantitation is an estimation
	J	Estimated: The quantitation is an estimation due to discrepancies in meeting certain analyte-specific quality control criteria.
	^	Instrument related QC exceeds the control limits
	M	Manual integrated compound.
	Q	One or more quality control criteria failed.
	D	The reported value is from a dilution.
	U	Undetected at the Limit of Detection.
GC VOA		
	B	Blank contamination: The analyte was detected above one-half the reporting limit in an associated blank.
	J	Estimated: The analyte was positively identified; the quantitation is an estimation
	^	Instrument related QC exceeds the control limits
	U	Undetected at the Limit of Detection.

DATA REPORTING QUALIFIERS

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Lab Section	Qualifier	Description
GC Semi VOA		
	J	Estimated: The analyte was positively identified; the quantitation is an estimation
	J	Estimated: The quantitation is an estimation due to discrepancies in meeting certain analyte-specific quality control criteria.
	M	Manual integrated compound.
	Q	One or more quality control criteria failed.
	D	The reported value is from a dilution.
	U	Undetected at the Limit of Detection.
HPLC/IC		
	J	Estimated: The analyte was positively identified; the quantitation is an estimation
	J	Estimated: The quantitation is an estimation due to discrepancies in meeting certain analyte-specific quality control criteria.
	M	Manual integrated compound.
	Q	One or more quality control criteria failed.
	U	Undetected at the Limit of Detection.
Metals		
	J	Estimated: The analyte was positively identified; the quantitation is an estimation
	J	Estimated: The quantitation is an estimation due to discrepancies in meeting certain analyte-specific quality control criteria.
	4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.
	Q	One or more quality control criteria failed.
	D	The reported value is from a dilution.
	U	Undetected at the Limit of Detection.

DATA REPORTING QUALIFIERS

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Lab Section	Qualifier	Description
General Chemistry		
	J	Estimated: The analyte was positively identified; the quantitation is an estimation
	J	Estimated: The quantitation is an estimation due to discrepancies in meeting certain analyte-specific quality control criteria.
	^	Instrument related QC exceeds the control limits
	Q	One or more quality control criteria failed.
	H	Sample was prepped or analyzed beyond the specified holding time
	U	Undetected at the Limit of Detection.

Client: Environmental Chemical Corp. Job Number: 240-17317-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Prep Batch: 240-64810					
240-17317-1	076SS-0002M-0001-SO	T	Solid	5035	
240-17317-2	076SS-0001M-0001-SO	T	Solid	5035	
240-17317-3	076SS-0005M-0001-SO	T	Solid	5035	
240-17317-4	076SS-0006M-0001-SO	T	Solid	5035	
240-17317-7	068SS-0003M-0001-SO	T	Solid	5035	
240-17317-7MS	Matrix Spike	T	Solid	5035	
240-17317-7MSD	Matrix Spike Duplicate	T	Solid	5035	
240-17317-8	068SS-0004M-0001-SO	T	Solid	5035	
240-17317-9	076SS-0004M-0001-SO	T	Solid	5035	
240-17317-10	076SS-0003M-0001-SO	T	Solid	5035	
Analysis Batch:240-64831					
LCS 240-64831/4	Lab Control Sample	T	Water	8260B/DoD	
MB 240-64831/6	Method Blank	T	Water	8260B/DoD	
240-17317-25	076SS-0027-0001-TB	T	Water	8260B/DoD	
Analysis Batch:240-64980					
LCS 240-64980/7	Lab Control Sample	T	Solid	8260B/DoD	
MB 240-64980/8	Method Blank	T	Solid	8260B/DoD	
240-17317-2	076SS-0001M-0001-SO	T	Solid	8260B/DoD	240-64810
240-17317-4	076SS-0006M-0001-SO	T	Solid	8260B/DoD	240-64810
240-17317-7	068SS-0003M-0001-SO	T	Solid	8260B/DoD	240-64810
240-17317-7MS	Matrix Spike	T	Solid	8260B/DoD	240-64810
240-17317-7MSD	Matrix Spike Duplicate	T	Solid	8260B/DoD	240-64810
240-17317-8	068SS-0004M-0001-SO	T	Solid	8260B/DoD	240-64810
240-17317-9	076SS-0004M-0001-SO	T	Solid	8260B/DoD	240-64810
240-17317-10	076SS-0003M-0001-SO	T	Solid	8260B/DoD	240-64810
Analysis Batch:240-65171					
LCS 240-65171/7	Lab Control Sample	T	Solid	8260B/DoD	
MB 240-65171/8	Method Blank	T	Solid	8260B/DoD	
240-17317-1	076SS-0002M-0001-SO	T	Solid	8260B/DoD	240-64810
240-17317-3	076SS-0005M-0001-SO	T	Solid	8260B/DoD	240-64810

Report Basis

T = Total

Client: Environmental Chemical Corp. Job Number: 240-17317-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Prep Batch: 240-64879					
240-17317-1	076SS-0002M-0001-SO	T	Solid	Increment, Prep	
240-17317-2	076SS-0001M-0001-SO	T	Solid	Increment, Prep	
240-17317-3	076SS-0005M-0001-SO	T	Solid	Increment, Prep	
240-17317-4	076SS-0006M-0001-SO	T	Solid	Increment, Prep	
240-17317-5	068SS-0001M-0001-SO	T	Solid	Increment, Prep	
240-17317-6	068SS-0002M-0001-SO	T	Solid	Increment, Prep	
240-17317-7	068SS-0003M-0001-SO	T	Solid	Increment, Prep	
240-17317-7MS	Matrix Spike	T	Solid	Increment, Prep	
240-17317-7MSD	Matrix Spike Duplicate	T	Solid	Increment, Prep	
240-17317-8	068SS-0004M-0001-SO	T	Solid	Increment, Prep	
240-17317-9	076SS-0004M-0001-SO	T	Solid	Increment, Prep	
240-17317-10	076SS-0003M-0001-SO	T	Solid	Increment, Prep	
240-17317-14	068SS-0005M-0001-SO	T	Solid	Increment, Prep	
240-17317-15	068SS-0006M-0001-SO	T	Solid	Increment, Prep	
240-17317-16	068SS-0007M-0001-SO	T	Solid	Increment, Prep	
240-17317-17	068SS-0008M-0001-SO	T	Solid	Increment, Prep	
240-17317-18	076SD-0008-0001-SO	T	Solid	Increment, Prep	
240-17317-19	076SD-0009-0001-SO	T	Solid	Increment, Prep	
240-17317-19MS	Matrix Spike	T	Solid	Increment, Prep	
240-17317-19MSD	Matrix Spike Duplicate	T	Solid	Increment, Prep	
240-17317-20	076SD-0010-0001-SO	T	Solid	Increment, Prep	
240-17317-21	076SD-0011-0001-SO	T	Solid	Increment, Prep	
240-17317-22	076SD-0012-0001-SO	T	Solid	Increment, Prep	
Prep Batch: 240-65352					
LCS 240-65352/24-A	Lab Control Sample	T	Solid	3540C	
MB 240-65352/23-A	Method Blank	T	Solid	3540C	
240-17317-1	076SS-0002M-0001-SO	T	Solid	3540C	240-64879
240-17317-2	076SS-0001M-0001-SO	T	Solid	3540C	240-64879
240-17317-3	076SS-0005M-0001-SO	T	Solid	3540C	240-64879
240-17317-4	076SS-0006M-0001-SO	T	Solid	3540C	240-64879
240-17317-5	068SS-0001M-0001-SO	T	Solid	3540C	240-64879
240-17317-6	068SS-0002M-0001-SO	T	Solid	3540C	240-64879
240-17317-7	068SS-0003M-0001-SO	T	Solid	3540C	240-64879
240-17317-7MS	Matrix Spike	T	Solid	3540C	240-64879
240-17317-7MSD	Matrix Spike Duplicate	T	Solid	3540C	240-64879
240-17317-8	068SS-0004M-0001-SO	T	Solid	3540C	240-64879
240-17317-9	076SS-0004M-0001-SO	T	Solid	3540C	240-64879

Client: Environmental Chemical Corp. Job Number: 240-17317-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Prep Batch: 240-65386					
LCS 240-65386/22-A	Lab Control Sample	T	Solid	3540C	
MB 240-65386/21-A	Method Blank	T	Solid	3540C	
240-17317-10	076SS-0003M-0001-SO	T	Solid	3540C	240-64879
240-17317-14	068SS-0005M-0001-SO	T	Solid	3540C	240-64879
240-17317-15	068SS-0006M-0001-SO	T	Solid	3540C	240-64879
240-17317-16	068SS-0007M-0001-SO	T	Solid	3540C	240-64879
240-17317-17	068SS-0008M-0001-SO	T	Solid	3540C	240-64879
240-17317-18	076SD-0008-0001-SO	T	Solid	3540C	240-64879
240-17317-19	076SD-0009-0001-SO	T	Solid	3540C	240-64879
240-17317-19MS	Matrix Spike	T	Solid	3540C	240-64879
240-17317-19MSD	Matrix Spike Duplicate	T	Solid	3540C	240-64879
240-17317-20	076SD-0010-0001-SO	T	Solid	3540C	240-64879
240-17317-21	076SD-0011-0001-SO	T	Solid	3540C	240-64879
240-17317-22	076SD-0012-0001-SO	T	Solid	3540C	240-64879
Analysis Batch:240-65876					
LCS 240-65352/24-A	Lab Control Sample	T	Solid	8270C/DoD	240-65352
MB 240-65352/23-A	Method Blank	T	Solid	8270C/DoD	240-65352
240-17317-1	076SS-0002M-0001-SO	T	Solid	8270C/DoD	240-65352
240-17317-2	076SS-0001M-0001-SO	T	Solid	8270C/DoD	240-65352
240-17317-3	076SS-0005M-0001-SO	T	Solid	8270C/DoD	240-65352
240-17317-4	076SS-0006M-0001-SO	T	Solid	8270C/DoD	240-65352
240-17317-5	068SS-0001M-0001-SO	T	Solid	8270C/DoD	240-65352
240-17317-6	068SS-0002M-0001-SO	T	Solid	8270C/DoD	240-65352
240-17317-7	068SS-0003M-0001-SO	T	Solid	8270C/DoD	240-65352
240-17317-7MS	Matrix Spike	T	Solid	8270C/DoD	240-65352
240-17317-7MSD	Matrix Spike Duplicate	T	Solid	8270C/DoD	240-65352
240-17317-8	068SS-0004M-0001-SO	T	Solid	8270C/DoD	240-65352
Analysis Batch:240-66051					
240-17317-9	076SS-0004M-0001-SO	T	Solid	8270C/DoD	240-65352
Analysis Batch:240-66702					
LCS 240-65386/22-A	Lab Control Sample	T	Solid	8270C/DoD	240-65386
MB 240-65386/21-A	Method Blank	T	Solid	8270C/DoD	240-65386
240-17317-10	076SS-0003M-0001-SO	T	Solid	8270C/DoD	240-65386
240-17317-14	068SS-0005M-0001-SO	T	Solid	8270C/DoD	240-65386
240-17317-15	068SS-0006M-0001-SO	T	Solid	8270C/DoD	240-65386
240-17317-16	068SS-0007M-0001-SO	T	Solid	8270C/DoD	240-65386
240-17317-19MS	Matrix Spike	T	Solid	8270C/DoD	240-65386
240-17317-19MSD	Matrix Spike Duplicate	T	Solid	8270C/DoD	240-65386
240-17317-22	076SD-0012-0001-SO	T	Solid	8270C/DoD	240-65386

Client: Environmental Chemical Corp. Job Number: 240-17317-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS Semi VOA					
Analysis Batch:240-67921					
240-17317-17	068SS-0008M-0001-SO	T	Solid	8270C/DoD	240-65386
240-17317-18	076SD-0008-0001-SO	T	Solid	8270C/DoD	240-65386
Analysis Batch:240-68349					
240-17317-20	076SD-0010-0001-SO	T	Solid	8270C/DoD	240-65386
Analysis Batch:240-68588					
240-17317-21	076SD-0011-0001-SO	T	Solid	8270C/DoD	240-65386
Analysis Batch:240-68844					
240-17317-19	076SD-0009-0001-SO	T	Solid	8270C/DoD	240-65386

Report Basis
T = Total

GC VOA					
Prep Batch: 240-64810					
240-17317-11	070SS-0006M-0001-SO	T	Solid	5035	
240-17317-11MS	Matrix Spike	T	Solid	5035	
240-17317-11MSD	Matrix Spike Duplicate	T	Solid	5035	
Analysis Batch:240-65195					
LCS 240-65195/8	Lab Control Sample	T	Water	8015B	
MB 240-65195/7	Method Blank	T	Water	8015B	
240-17317-25	076SS-0027-0001-TB	T	Water	8015B	
Analysis Batch:240-65273					
LCS 240-65273/12	Lab Control Sample	T	Solid	8015B	
MB 240-65273/11	Method Blank	T	Solid	8015B	
240-17317-11	070SS-0006M-0001-SO	T	Solid	8015B	240-64810
240-17317-11MS	Matrix Spike	T	Solid	8015B	240-64810
240-17317-11MSD	Matrix Spike Duplicate	T	Solid	8015B	240-64810
240-17317-12	070SS-0007M-0001-SO	T	Solid	8015B	240-65380
240-17317-13	070SS-0002M-0001-SO	T	Solid	8015B	240-65380
Prep Batch: 240-65380					
240-17317-12	070SS-0007M-0001-SO	T	Solid	5035	
240-17317-13	070SS-0002M-0001-SO	T	Solid	5035	

Report Basis
T = Total

Client: Environmental Chemical Corp. Job Number: 240-17317-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 240-64879					
240-17317-1	076SS-0002M-0001-SO	T	Solid	Increment, Prep	
240-17317-2	076SS-0001M-0001-SO	T	Solid	Increment, Prep	
240-17317-5	068SS-0001M-0001-SO	T	Solid	Increment, Prep	
240-17317-6	068SS-0002M-0001-SO	T	Solid	Increment, Prep	
240-17317-7	068SS-0003M-0001-SO	T	Solid	Increment, Prep	
240-17317-7MS	Matrix Spike	T	Solid	Increment, Prep	
240-17317-7MSD	Matrix Spike Duplicate	T	Solid	Increment, Prep	
240-17317-8	068SS-0004M-0001-SO	T	Solid	Increment, Prep	
240-17317-14	068SS-0005M-0001-SO	T	Solid	Increment, Prep	
240-17317-15	068SS-0006M-0001-SO	T	Solid	Increment, Prep	
240-17317-16	068SS-0007M-0001-SO	T	Solid	Increment, Prep	
240-17317-17	068SS-0008M-0001-SO	T	Solid	Increment, Prep	
240-17317-18	076SD-0008-0001-SO	T	Solid	Increment, Prep	
240-17317-19	076SD-0009-0001-SO	T	Solid	Increment, Prep	
240-17317-19MS	Matrix Spike	T	Solid	Increment, Prep	
240-17317-19MSD	Matrix Spike Duplicate	T	Solid	Increment, Prep	
240-17317-20	076SD-0010-0001-SO	T	Solid	Increment, Prep	
240-17317-21	076SD-0011-0001-SO	T	Solid	Increment, Prep	
240-17317-22	076SD-0012-0001-SO	T	Solid	Increment, Prep	
Prep Batch: 240-65399					
LCS 240-65399/6-A	Lab Control Sample	T	Solid	3540C	
MB 240-65399/5-A	Method Blank	T	Solid	3540C	
240-17317-7	068SS-0003M-0001-SO	T	Solid	3540C	240-64879
240-17317-7MS	Matrix Spike	T	Solid	3540C	240-64879
240-17317-7MSD	Matrix Spike Duplicate	T	Solid	3540C	240-64879
240-17317-8	068SS-0004M-0001-SO	T	Solid	3540C	240-64879

Client: Environmental Chemical Corp. Job Number: 240-17317-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Prep Batch: 240-65400					
LCS 240-65400/24-A	Lab Control Sample	T	Solid	3540C	
MB 240-65400/23-A	Method Blank	T	Solid	3540C	
240-17317-1	076SS-0002M-0001-SO	T	Solid	3540C	240-64879
240-17317-2	076SS-0001M-0001-SO	T	Solid	3540C	240-64879
240-17317-5	068SS-0001M-0001-SO	T	Solid	3540C	240-64879
240-17317-6	068SS-0002M-0001-SO	T	Solid	3540C	240-64879
240-17317-7	068SS-0003M-0001-SO	T	Solid	3540C	240-64879
240-17317-7MS	Matrix Spike	T	Solid	3540C	240-64879
240-17317-7MSD	Matrix Spike Duplicate	T	Solid	3540C	240-64879
240-17317-8	068SS-0004M-0001-SO	T	Solid	3540C	240-64879
240-17317-14	068SS-0005M-0001-SO	T	Solid	3540C	240-64879
240-17317-15	068SS-0006M-0001-SO	T	Solid	3540C	240-64879
240-17317-16	068SS-0007M-0001-SO	T	Solid	3540C	240-64879
240-17317-17	068SS-0008M-0001-SO	T	Solid	3540C	240-64879
240-17317-18	076SD-0008-0001-SO	T	Solid	3540C	240-64879
240-17317-19	076SD-0009-0001-SO	T	Solid	3540C	240-64879
240-17317-19MS	Matrix Spike	T	Solid	3540C	240-64879
240-17317-19MSD	Matrix Spike Duplicate	T	Solid	3540C	240-64879
240-17317-20	076SD-0010-0001-SO	T	Solid	3540C	240-64879
240-17317-21	076SD-0011-0001-SO	T	Solid	3540C	240-64879
240-17317-22	076SD-0012-0001-SO	T	Solid	3540C	240-64879
Analysis Batch:240-65670					
LCS 240-65400/24-A	Lab Control Sample	T	Solid	8082/DOD	240-65400
MB 240-65400/23-A	Method Blank	T	Solid	8082/DOD	240-65400
240-17317-1	076SS-0002M-0001-SO	T	Solid	8082/DOD	240-65400
240-17317-2	076SS-0001M-0001-SO	T	Solid	8082/DOD	240-65400
240-17317-5	068SS-0001M-0001-SO	T	Solid	8082/DOD	240-65400
240-17317-6	068SS-0002M-0001-SO	T	Solid	8082/DOD	240-65400
240-17317-7	068SS-0003M-0001-SO	T	Solid	8082/DOD	240-65400
240-17317-7MS	Matrix Spike	T	Solid	8082/DOD	240-65400
240-17317-7MSD	Matrix Spike Duplicate	T	Solid	8082/DOD	240-65400
240-17317-8	068SS-0004M-0001-SO	T	Solid	8082/DOD	240-65400
240-17317-14	068SS-0005M-0001-SO	T	Solid	8082/DOD	240-65400
240-17317-15	068SS-0006M-0001-SO	T	Solid	8082/DOD	240-65400
240-17317-16	068SS-0007M-0001-SO	T	Solid	8082/DOD	240-65400
240-17317-17	068SS-0008M-0001-SO	T	Solid	8082/DOD	240-65400
240-17317-18	076SD-0008-0001-SO	T	Solid	8082/DOD	240-65400
240-17317-19	076SD-0009-0001-SO	T	Solid	8082/DOD	240-65400
240-17317-19MS	Matrix Spike	T	Solid	8082/DOD	240-65400
240-17317-19MSD	Matrix Spike Duplicate	T	Solid	8082/DOD	240-65400
240-17317-20	076SD-0010-0001-SO	T	Solid	8082/DOD	240-65400
240-17317-21	076SD-0011-0001-SO	T	Solid	8082/DOD	240-65400
240-17317-22	076SD-0012-0001-SO	T	Solid	8082/DOD	240-65400

Client: Environmental Chemical Corp. Job Number: 240-17317-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC Semi VOA					
Analysis Batch:240-65793					
LCS 240-65399/6-A	Lab Control Sample	T	Solid	8081/DOD	240-65399
MB 240-65399/5-A	Method Blank	T	Solid	8081/DOD	240-65399
240-17317-7	068SS-0003M-0001-SO	T	Solid	8081/DOD	240-65399
240-17317-7MS	Matrix Spike	T	Solid	8081/DOD	240-65399
240-17317-7MSD	Matrix Spike Duplicate	T	Solid	8081/DOD	240-65399
240-17317-8	068SS-0004M-0001-SO	T	Solid	8081/DOD	240-65399

Report Basis
T = Total

Client: Environmental Chemical Corp. Job Number: 240-17317-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 240-64879					
240-17317-1	076SS-0002M-0001-SO	T	Solid	Increment, Prep	
240-17317-2	076SS-0001M-0001-SO	T	Solid	Increment, Prep	
240-17317-3	076SS-0005M-0001-SO	T	Solid	Increment, Prep	
240-17317-4	076SS-0006M-0001-SO	T	Solid	Increment, Prep	
240-17317-5	068SS-0001M-0001-SO	T	Solid	Increment, Prep	
240-17317-6	068SS-0002M-0001-SO	T	Solid	Increment, Prep	
240-17317-7	068SS-0003M-0001-SO	T	Solid	Increment, Prep	
240-17317-7DU	Duplicate	T	Solid	Increment, Prep	
240-17317-7MS	Matrix Spike	T	Solid	Increment, Prep	
240-17317-8	068SS-0004M-0001-SO	T	Solid	Increment, Prep	
240-17317-9	076SS-0004M-0001-SO	T	Solid	Increment, Prep	
240-17317-10	076SS-0003M-0001-SO	T	Solid	Increment, Prep	
240-17317-14	068SS-0005M-0001-SO	T	Solid	Increment, Prep	
240-17317-15	068SS-0006M-0001-SO	T	Solid	Increment, Prep	
240-17317-16	068SS-0007M-0001-SO	T	Solid	Increment, Prep	
240-17317-17	068SS-0008M-0001-SO	T	Solid	Increment, Prep	
240-17317-18	076SD-0008-0001-SO	T	Solid	Increment, Prep	
240-17317-19	076SD-0009-0001-SO	T	Solid	Increment, Prep	
240-17317-19DU	Duplicate	T	Solid	Increment, Prep	
240-17317-19MS	Matrix Spike	T	Solid	Increment, Prep	
240-17317-20	076SD-0010-0001-SO	T	Solid	Increment, Prep	
240-17317-21	076SD-0011-0001-SO	T	Solid	Increment, Prep	
240-17317-22	076SD-0012-0001-SO	T	Solid	Increment, Prep	
Prep Batch: 240-65056					
240-17317-23	079SS-0002M-0001-SO	T	Solid	Increment, Prep	
240-17317-24	079SS-0001M-0001-SO	T	Solid	Increment, Prep	

Client: Environmental Chemical Corp. Job Number: 240-17317-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 240-65145					
LCS 240-65145/2-A	Lab Control Sample	T	Solid	3050B	
MB 240-65145/1-A	Method Blank	T	Solid	3050B	
240-17317-1	076SS-0002M-0001-SO	T	Solid	3050B	240-64879
240-17317-2	076SS-0001M-0001-SO	T	Solid	3050B	240-64879
240-17317-3	076SS-0005M-0001-SO	T	Solid	3050B	240-64879
240-17317-4	076SS-0006M-0001-SO	T	Solid	3050B	240-64879
240-17317-5	068SS-0001M-0001-SO	T	Solid	3050B	240-64879
240-17317-6	068SS-0002M-0001-SO	T	Solid	3050B	240-64879
240-17317-7	068SS-0003M-0001-SO	T	Solid	3050B	240-64879
240-17317-7DU	Duplicate	T	Solid	3050B	240-64879
240-17317-7MS	Matrix Spike	T	Solid	3050B	240-64879
240-17317-8	068SS-0004M-0001-SO	T	Solid	3050B	240-64879
240-17317-9	076SS-0004M-0001-SO	T	Solid	3050B	240-64879
240-17317-10	076SS-0003M-0001-SO	T	Solid	3050B	240-64879
240-17317-14	068SS-0005M-0001-SO	T	Solid	3050B	240-64879
240-17317-15	068SS-0006M-0001-SO	T	Solid	3050B	240-64879
240-17317-16	068SS-0007M-0001-SO	T	Solid	3050B	240-64879
240-17317-17	068SS-0008M-0001-SO	T	Solid	3050B	240-64879
240-17317-18	076SD-0008-0001-SO	T	Solid	3050B	240-64879
240-17317-19	076SD-0009-0001-SO	T	Solid	3050B	240-64879
240-17317-19DU	Duplicate	T	Solid	3050B	240-64879
240-17317-19MS	Matrix Spike	T	Solid	3050B	240-64879
240-17317-20	076SD-0010-0001-SO	T	Solid	3050B	240-64879

Client: Environmental Chemical Corp. Job Number: 240-17317-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Prep Batch: 240-65191					
LCS 240-65191/2-A	Lab Control Sample	T	Solid	7471A	
MB 240-65191/1-A	Method Blank	T	Solid	7471A	
240-17317-1	076SS-0002M-0001-SO	T	Solid	7471A	240-64879
240-17317-2	076SS-0001M-0001-SO	T	Solid	7471A	240-64879
240-17317-3	076SS-0005M-0001-SO	T	Solid	7471A	240-64879
240-17317-4	076SS-0006M-0001-SO	T	Solid	7471A	240-64879
240-17317-5	068SS-0001M-0001-SO	T	Solid	7471A	240-64879
240-17317-6	068SS-0002M-0001-SO	T	Solid	7471A	240-64879
240-17317-7	068SS-0003M-0001-SO	T	Solid	7471A	240-64879
240-17317-7DU	Duplicate	T	Solid	7471A	240-64879
240-17317-7MS	Matrix Spike	T	Solid	7471A	240-64879
240-17317-8	068SS-0004M-0001-SO	T	Solid	7471A	240-64879
240-17317-9	076SS-0004M-0001-SO	T	Solid	7471A	240-64879
240-17317-10	076SS-0003M-0001-SO	T	Solid	7471A	240-64879
240-17317-14	068SS-0005M-0001-SO	T	Solid	7471A	240-64879
240-17317-15	068SS-0006M-0001-SO	T	Solid	7471A	240-64879
240-17317-16	068SS-0007M-0001-SO	T	Solid	7471A	240-64879
240-17317-17	068SS-0008M-0001-SO	T	Solid	7471A	240-64879
240-17317-18	076SD-0008-0001-SO	T	Solid	7471A	240-64879
240-17317-19	076SD-0009-0001-SO	T	Solid	7471A	240-64879
240-17317-19DU	Duplicate	T	Solid	7471A	240-64879
240-17317-19MS	Matrix Spike	T	Solid	7471A	240-64879
240-17317-20	076SD-0010-0001-SO	T	Solid	7471A	240-64879
Prep Batch: 240-65198					
LCS 240-65198/2-A	Lab Control Sample	T	Solid	3050B	
MB 240-65198/1-A	Method Blank	T	Solid	3050B	
240-17317-21	076SD-0011-0001-SO	T	Solid	3050B	240-64879
240-17317-22	076SD-0012-0001-SO	T	Solid	3050B	240-64879
240-17317-23	079SS-0002M-0001-SO	T	Solid	3050B	240-65056
240-17317-24	079SS-0001M-0001-SO	T	Solid	3050B	240-65056
Prep Batch: 240-65204					
LCS 240-65204/2-A	Lab Control Sample	T	Solid	7471A	
MB 240-65204/1-A	Method Blank	T	Solid	7471A	
240-17317-21	076SD-0011-0001-SO	T	Solid	7471A	240-64879
240-17317-22	076SD-0012-0001-SO	T	Solid	7471A	240-64879
240-17317-23	079SS-0002M-0001-SO	T	Solid	7471A	240-65056
240-17317-24	079SS-0001M-0001-SO	T	Solid	7471A	240-65056

Client: Environmental Chemical Corp. Job Number: 240-17317-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Analysis Batch:240-65450					
LCS 240-65191/2-A	Lab Control Sample	T	Solid	7471/DOD	240-65191
MB 240-65191/1-A	Method Blank	T	Solid	7471/DOD	240-65191
LCS 240-65204/2-A	Lab Control Sample	T	Solid	7471/DOD	240-65204
MB 240-65204/1-A	Method Blank	T	Solid	7471/DOD	240-65204
240-17317-1	076SS-0002M-0001-SO	T	Solid	7471/DOD	240-65191
240-17317-2	076SS-0001M-0001-SO	T	Solid	7471/DOD	240-65191
240-17317-3	076SS-0005M-0001-SO	T	Solid	7471/DOD	240-65191
240-17317-4	076SS-0006M-0001-SO	T	Solid	7471/DOD	240-65191
240-17317-5	068SS-0001M-0001-SO	T	Solid	7471/DOD	240-65191
240-17317-6	068SS-0002M-0001-SO	T	Solid	7471/DOD	240-65191
240-17317-7	068SS-0003M-0001-SO	T	Solid	7471/DOD	240-65191
240-17317-7DU	Duplicate	T	Solid	7471/DOD	240-65191
240-17317-7MS	Matrix Spike	T	Solid	7471/DOD	240-65191
240-17317-8	068SS-0004M-0001-SO	T	Solid	7471/DOD	240-65191
240-17317-9	076SS-0004M-0001-SO	T	Solid	7471/DOD	240-65191
240-17317-10	076SS-0003M-0001-SO	T	Solid	7471/DOD	240-65191
240-17317-14	068SS-0005M-0001-SO	T	Solid	7471/DOD	240-65191
240-17317-15	068SS-0006M-0001-SO	T	Solid	7471/DOD	240-65191
240-17317-16	068SS-0007M-0001-SO	T	Solid	7471/DOD	240-65191
240-17317-17	068SS-0008M-0001-SO	T	Solid	7471/DOD	240-65191
240-17317-18	076SD-0008-0001-SO	T	Solid	7471/DOD	240-65191
240-17317-19	076SD-0009-0001-SO	T	Solid	7471/DOD	240-65191
240-17317-19DU	Duplicate	T	Solid	7471/DOD	240-65191
240-17317-19MS	Matrix Spike	T	Solid	7471/DOD	240-65191
240-17317-20	076SD-0010-0001-SO	T	Solid	7471/DOD	240-65191
240-17317-21	076SD-0011-0001-SO	T	Solid	7471/DOD	240-65204
240-17317-22	076SD-0012-0001-SO	T	Solid	7471/DOD	240-65204
240-17317-23	079SS-0002M-0001-SO	T	Solid	7471/DOD	240-65204
240-17317-24	079SS-0001M-0001-SO	T	Solid	7471/DOD	240-65204

Client: Environmental Chemical Corp. Job Number: 240-17317-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Analysis Batch:240-65867					
LCS 240-65145/2-A	Lab Control Sample	T	Solid	6020/DOD	240-65145
MB 240-65145/1-A	Method Blank	T	Solid	6020/DOD	240-65145
240-17317-1	076SS-0002M-0001-SO	T	Solid	6020/DOD	240-65145
240-17317-2	076SS-0001M-0001-SO	T	Solid	6020/DOD	240-65145
240-17317-3	076SS-0005M-0001-SO	T	Solid	6020/DOD	240-65145
240-17317-4	076SS-0006M-0001-SO	T	Solid	6020/DOD	240-65145
240-17317-5	068SS-0001M-0001-SO	T	Solid	6020/DOD	240-65145
240-17317-6	068SS-0002M-0001-SO	T	Solid	6020/DOD	240-65145
240-17317-7	068SS-0003M-0001-SO	T	Solid	6020/DOD	240-65145
240-17317-7DU	Duplicate	T	Solid	6020/DOD	240-65145
240-17317-7MS	Matrix Spike	T	Solid	6020/DOD	240-65145
240-17317-8	068SS-0004M-0001-SO	T	Solid	6020/DOD	240-65145
240-17317-9	076SS-0004M-0001-SO	T	Solid	6020/DOD	240-65145
240-17317-10	076SS-0003M-0001-SO	T	Solid	6020/DOD	240-65145
240-17317-14	068SS-0005M-0001-SO	T	Solid	6020/DOD	240-65145
240-17317-15	068SS-0006M-0001-SO	T	Solid	6020/DOD	240-65145
240-17317-16	068SS-0007M-0001-SO	T	Solid	6020/DOD	240-65145
240-17317-17	068SS-0008M-0001-SO	T	Solid	6020/DOD	240-65145
240-17317-18	076SD-0008-0001-SO	T	Solid	6020/DOD	240-65145
240-17317-19	076SD-0009-0001-SO	T	Solid	6020/DOD	240-65145
240-17317-19DU	Duplicate	T	Solid	6020/DOD	240-65145
240-17317-19MS	Matrix Spike	T	Solid	6020/DOD	240-65145
240-17317-20	076SD-0010-0001-SO	T	Solid	6020/DOD	240-65145

Client: Environmental Chemical Corp. Job Number: 240-17317-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Metals					
Analysis Batch:240-66205					
LCS 240-65198/2-A	Lab Control Sample	T	Solid	6020/DOD	240-65198
MB 240-65198/1-A	Method Blank	T	Solid	6020/DOD	240-65198
240-17317-1	076SS-0002M-0001-SO	T	Solid	6020/DOD	240-65145
240-17317-2	076SS-0001M-0001-SO	T	Solid	6020/DOD	240-65145
240-17317-3	076SS-0005M-0001-SO	T	Solid	6020/DOD	240-65145
240-17317-4	076SS-0006M-0001-SO	T	Solid	6020/DOD	240-65145
240-17317-5	068SS-0001M-0001-SO	T	Solid	6020/DOD	240-65145
240-17317-6	068SS-0002M-0001-SO	T	Solid	6020/DOD	240-65145
240-17317-7	068SS-0003M-0001-SO	T	Solid	6020/DOD	240-65145
240-17317-7DU	Duplicate	T	Solid	6020/DOD	240-65145
240-17317-7MS	Matrix Spike	T	Solid	6020/DOD	240-65145
240-17317-8	068SS-0004M-0001-SO	T	Solid	6020/DOD	240-65145
240-17317-9	076SS-0004M-0001-SO	T	Solid	6020/DOD	240-65145
240-17317-10	076SS-0003M-0001-SO	T	Solid	6020/DOD	240-65145
240-17317-14	068SS-0005M-0001-SO	T	Solid	6020/DOD	240-65145
240-17317-15	068SS-0006M-0001-SO	T	Solid	6020/DOD	240-65145
240-17317-16	068SS-0007M-0001-SO	T	Solid	6020/DOD	240-65145
240-17317-17	068SS-0008M-0001-SO	T	Solid	6020/DOD	240-65145
240-17317-18	076SD-0008-0001-SO	T	Solid	6020/DOD	240-65145
240-17317-19	076SD-0009-0001-SO	T	Solid	6020/DOD	240-65145
240-17317-19DU	Duplicate	T	Solid	6020/DOD	240-65145
240-17317-19MS	Matrix Spike	T	Solid	6020/DOD	240-65145
240-17317-20	076SD-0010-0001-SO	T	Solid	6020/DOD	240-65145
240-17317-21	076SD-0011-0001-SO	T	Solid	6020/DOD	240-65198
240-17317-22	076SD-0012-0001-SO	T	Solid	6020/DOD	240-65198
240-17317-23	079SS-0002M-0001-SO	T	Solid	6020/DOD	240-65198
240-17317-24	079SS-0001M-0001-SO	T	Solid	6020/DOD	240-65198
Analysis Batch:240-66869					
240-17317-23	079SS-0002M-0001-SO	T	Solid	6020/DOD	240-65198
240-17317-24	079SS-0001M-0001-SO	T	Solid	6020/DOD	240-65198
Analysis Batch:240-67023					
240-17317-23	079SS-0002M-0001-SO	T	Solid	6020/DOD	240-65198
240-17317-24	079SS-0001M-0001-SO	T	Solid	6020/DOD	240-65198

Report Basis
T = Total

Client: Environmental Chemical Corp. Job Number: 240-17317-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Prep Batch: 320-6149					
LCS 320-6087/2-B	Lab Control Sample	T	Solid	353 (NCell-Hyd)	
MB 320-6087/1-B	Method Blank	T	Solid	353 (NCell-Hyd)	
240-17317-7	068SS-0003M-0001-SO	T	Solid	353 (NCell-Hyd)	
240-17317-7MS	Matrix Spike	T	Solid	353 (NCell-Hyd)	
240-17317-7MSD	Matrix Spike Duplicate	T	Solid	353 (NCell-Hyd)	
240-17317-8	068SS-0004M-0001-SO	T	Solid	353 (NCell-Hyd)	
240-17317-18	076SD-0008-0001-SO	T	Solid	353 (NCell-Hyd)	
240-17317-19	076SD-0009-0001-SO	T	Solid	353 (NCell-Hyd)	
240-17317-19MS	Matrix Spike	T	Solid	353 (NCell-Hyd)	
240-17317-19MSD	Matrix Spike Duplicate	T	Solid	353 (NCell-Hyd)	
240-17317-20	076SD-0010-0001-SO	T	Solid	353 (NCell-Hyd)	
240-17317-21	076SD-0011-0001-SO	T	Solid	353 (NCell-Hyd)	
240-17317-22	076SD-0012-0001-SO	T	Solid	353 (NCell-Hyd)	
Analysis Batch:320-6287					
LCS 320-6087/2-B	Lab Control Sample	T	Solid	WS-WC-0050	320-6149
MB 320-6087/1-B	Method Blank	T	Solid	WS-WC-0050	320-6149
Analysis Batch:320-6288					
240-17317-7	068SS-0003M-0001-SO	T	Solid	WS-WC-0050	320-6149
240-17317-7MS	Matrix Spike	T	Solid	WS-WC-0050	320-6149
240-17317-7MSD	Matrix Spike Duplicate	T	Solid	WS-WC-0050	320-6149
240-17317-8	068SS-0004M-0001-SO	T	Solid	WS-WC-0050	320-6149
240-17317-18	076SD-0008-0001-SO	T	Solid	WS-WC-0050	320-6149
240-17317-19	076SD-0009-0001-SO	T	Solid	WS-WC-0050	320-6149
240-17317-19MS	Matrix Spike	T	Solid	WS-WC-0050	320-6149
240-17317-19MSD	Matrix Spike Duplicate	T	Solid	WS-WC-0050	320-6149
240-17317-20	076SD-0010-0001-SO	T	Solid	WS-WC-0050	320-6149
240-17317-21	076SD-0011-0001-SO	T	Solid	WS-WC-0050	320-6149
240-17317-22	076SD-0012-0001-SO	T	Solid	WS-WC-0050	320-6149
Analysis Batch:240-65100					
240-17317-1	076SS-0002M-0001-SO	T	Solid	Moisture	
240-17317-2	076SS-0001M-0001-SO	T	Solid	Moisture	
240-17317-3	076SS-0005M-0001-SO	T	Solid	Moisture	
240-17317-4	076SS-0006M-0001-SO	T	Solid	Moisture	
240-17317-5	068SS-0001M-0001-SO	T	Solid	Moisture	
240-17317-7	068SS-0003M-0001-SO	T	Solid	Moisture	
240-17317-7DU	Duplicate	T	Solid	Moisture	
240-17317-9	076SS-0004M-0001-SO	T	Solid	Moisture	
240-17317-10	076SS-0003M-0001-SO	T	Solid	Moisture	
240-17317-11	070SS-0006M-0001-SO	T	Solid	Moisture	
240-17317-11DU	Duplicate	T	Solid	Moisture	
240-17317-12	070SS-0007M-0001-SO	T	Solid	Moisture	
240-17317-13	070SS-0002M-0001-SO	T	Solid	Moisture	

Client: Environmental Chemical Corp. Job Number: 240-17317-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
General Chemistry					
Analysis Batch:240-65423					
240-17317-6	068SS-0002M-0001-SO	T	Solid	Moisture	
240-17317-8	068SS-0004M-0001-SO	T	Solid	Moisture	
240-17317-14	068SS-0005M-0001-SO	T	Solid	Moisture	
240-17317-14DU	Duplicate	T	Solid	Moisture	
240-17317-15	068SS-0006M-0001-SO	T	Solid	Moisture	
240-17317-16	068SS-0007M-0001-SO	T	Solid	Moisture	
240-17317-17	068SS-0008M-0001-SO	T	Solid	Moisture	
240-17317-18	076SD-0008-0001-SO	T	Solid	Moisture	
240-17317-19	076SD-0009-0001-SO	T	Solid	Moisture	
240-17317-19DU	Duplicate	T	Solid	Moisture	
240-17317-20	076SD-0010-0001-SO	T	Solid	Moisture	
240-17317-21	076SD-0011-0001-SO	T	Solid	Moisture	
240-17317-22	076SD-0012-0001-SO	T	Solid	Moisture	
240-17317-23	079SS-0002M-0001-SO	T	Solid	Moisture	
240-17317-24	079SS-0001M-0001-SO	T	Solid	Moisture	

Report Basis
T = Total

Client: Environmental Chemical Corp. Job Number: 240-17317-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
HPLC/IC					
Prep Batch: 320-6026					
LCS 320-6026/2-A	Lab Control Sample	T	Solid	8330B	
MB 320-6026/1-A	Method Blank	T	Solid	8330B	
240-17317-7	068SS-0003M-0001-SO	T	Solid	8330B	
240-17317-7MS	Matrix Spike	T	Solid	8330B	
240-17317-7MSD	Matrix Spike Duplicate	T	Solid	8330B	
240-17317-8	068SS-0004M-0001-SO	T	Solid	8330B	
240-17317-18	076SD-0008-0001-SO	T	Solid	8330B	
240-17317-19	076SD-0009-0001-SO	T	Solid	8330B	
240-17317-19MS	Matrix Spike	T	Solid	8330B	
240-17317-19MSD	Matrix Spike Duplicate	T	Solid	8330B	
240-17317-20	076SD-0010-0001-SO	T	Solid	8330B	
240-17317-21	076SD-0011-0001-SO	T	Solid	8330B	
240-17317-22	076SD-0012-0001-SO	T	Solid	8330B	
Prep Batch: 320-6035					
LCS 320-6035/2-A	Lab Control Sample	T	Solid	Sieve/Ultrasoni	
MB 320-6035/1-A	Method Blank	T	Solid	Sieve/Ultrasoni	
240-17317-7	068SS-0003M-0001-SO	T	Solid	Sieve/Ultrasoni	
240-17317-7MS	Matrix Spike	T	Solid	Sieve/Ultrasoni	
240-17317-7MSD	Matrix Spike Duplicate	T	Solid	Sieve/Ultrasoni	
240-17317-8	068SS-0004M-0001-SO	T	Solid	Sieve/Ultrasoni	
240-17317-18	076SD-0008-0001-SO	T	Solid	Sieve/Ultrasoni	
240-17317-19	076SD-0009-0001-SO	T	Solid	Sieve/Ultrasoni	
240-17317-19MS	Matrix Spike	T	Solid	Sieve/Ultrasoni	
240-17317-19MSD	Matrix Spike Duplicate	T	Solid	Sieve/Ultrasoni	
240-17317-20	076SD-0010-0001-SO	T	Solid	Sieve/Ultrasoni	
240-17317-21	076SD-0011-0001-SO	T	Solid	Sieve/Ultrasoni	
240-17317-22	076SD-0012-0001-SO	T	Solid	Sieve/Ultrasoni	
Analysis Batch:320-6177					
LCS 320-6026/2-A	Lab Control Sample	T	Solid	8330B	320-6026
MB 320-6026/1-A	Method Blank	T	Solid	8330B	320-6026
240-17317-7	068SS-0003M-0001-SO	T	Solid	8330B	320-6026
240-17317-7MS	Matrix Spike	T	Solid	8330B	320-6026
240-17317-7MSD	Matrix Spike Duplicate	T	Solid	8330B	320-6026
240-17317-8	068SS-0004M-0001-SO	T	Solid	8330B	320-6026
240-17317-18	076SD-0008-0001-SO	T	Solid	8330B	320-6026
240-17317-19	076SD-0009-0001-SO	T	Solid	8330B	320-6026
240-17317-19MS	Matrix Spike	T	Solid	8330B	320-6026
240-17317-19MSD	Matrix Spike Duplicate	T	Solid	8330B	320-6026
240-17317-20	076SD-0010-0001-SO	T	Solid	8330B	320-6026
240-17317-21	076SD-0011-0001-SO	T	Solid	8330B	320-6026
240-17317-22	076SD-0012-0001-SO	T	Solid	8330B	320-6026

Client: Environmental Chemical Corp. Job Number: 240-17317-1

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
HPLC/IC					
Analysis Batch:320-6234					
MB 320-6026/1-A	Method Blank	T	Solid	8330B	320-6026
240-17317-7	068SS-0003M-0001-SO	T	Solid	8330B	320-6026
240-17317-8	068SS-0004M-0001-SO	T	Solid	8330B	320-6026
240-17317-18	076SD-0008-0001-SO	T	Solid	8330B	320-6026
240-17317-19	076SD-0009-0001-SO	T	Solid	8330B	320-6026
240-17317-20	076SD-0010-0001-SO	T	Solid	8330B	320-6026
240-17317-21	076SD-0011-0001-SO	T	Solid	8330B	320-6026
240-17317-22	076SD-0012-0001-SO	T	Solid	8330B	320-6026
Analysis Batch:320-6340					
LCS 320-6035/2-A	Lab Control Sample	T	Solid	8330 Modified	320-6035
MB 320-6035/1-A	Method Blank	T	Solid	8330 Modified	320-6035
240-17317-7	068SS-0003M-0001-SO	T	Solid	8330 Modified	320-6035
240-17317-7MS	Matrix Spike	T	Solid	8330 Modified	320-6035
240-17317-7MSD	Matrix Spike Duplicate	T	Solid	8330 Modified	320-6035
240-17317-8	068SS-0004M-0001-SO	T	Solid	8330 Modified	320-6035
240-17317-18	076SD-0008-0001-SO	T	Solid	8330 Modified	320-6035
240-17317-19	076SD-0009-0001-SO	T	Solid	8330 Modified	320-6035
240-17317-19MS	Matrix Spike	T	Solid	8330 Modified	320-6035
240-17317-19MSD	Matrix Spike Duplicate	T	Solid	8330 Modified	320-6035
240-17317-20	076SD-0010-0001-SO	T	Solid	8330 Modified	320-6035
240-17317-21	076SD-0011-0001-SO	T	Solid	8330 Modified	320-6035
240-17317-22	076SD-0012-0001-SO	T	Solid	8330 Modified	320-6035

Report Basis
T = Total

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Laboratory Chronicle

Lab ID: 240-17317-1 **Client ID:** 076SS-0002M-0001-SO

Sample Date/Time: 11/06/2012 08:40 Received Date/Time: 11/07/2012 17:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	240-17317-C-1-A		240-65171	240-64810	11/07/2012 19:25	1	TAL NC	LM
A:8260B/DoD	240-17317-C-1-A		240-65171	240-64810	11/15/2012 14:08	1	TAL NC	TL
P:3540C	240-17317-A-1-E		240-65876	240-65352	11/16/2012 11:46	5	TAL NC	CC
A:8270C/DoD	240-17317-A-1-E		240-65876	240-65352	11/21/2012 15:59	5	TAL NC	JG
P:3540C	240-17317-A-1-F		240-65670	240-65400	11/16/2012 13:56	1	TAL NC	CC
A:8082/DOD	240-17317-A-1-F		240-65670	240-65400	11/20/2012 04:35	1	TAL NC	LH
P:3050B	240-17317-A-1-C		240-65867	240-65145	11/15/2012 10:09	1	TAL NC	DE
A:6020/DOD	240-17317-A-1-C		240-65867	240-65145	11/20/2012 13:11	1	TAL NC	NJT
P:3050B	240-17317-A-1-C ^5		240-66205	240-65145	11/15/2012 10:09	5	TAL NC	DE
A:6020/DOD	240-17317-A-1-C ^5		240-66205	240-65145	11/23/2012 12:33	5	TAL NC	NJT
P:7471A	240-17317-A-1-D		240-65450	240-65191	11/15/2012 14:40	1	TAL NC	DE
A:7471/DOD	240-17317-A-1-D		240-65450	240-65191	11/16/2012 18:22	1	TAL NC	DH
A:Moisture	240-17317-D-1		240-65100		11/15/2012 09:06	1	TAL NC	LG

Lab ID: 240-17317-2 **Client ID:** 076SS-0001M-0001-SO

Sample Date/Time: 11/06/2012 09:23 Received Date/Time: 11/07/2012 17:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	240-17317-B-2-A		240-64980	240-64810	11/07/2012 19:25	1	TAL NC	LM
A:8260B/DoD	240-17317-B-2-A		240-64980	240-64810	11/14/2012 17:58	1	TAL NC	SM
P:3540C	240-17317-A-2-E		240-65876	240-65352	11/16/2012 11:46	12.5	TAL NC	CC
A:8270C/DoD	240-17317-A-2-E		240-65876	240-65352	11/21/2012 17:09	12.5	TAL NC	JG
P:3540C	240-17317-A-2-F		240-65670	240-65400	11/16/2012 13:56	1	TAL NC	CC
A:8082/DOD	240-17317-A-2-F		240-65670	240-65400	11/20/2012 04:50	1	TAL NC	LH
P:3050B	240-17317-A-2-C		240-65867	240-65145	11/15/2012 10:09	1	TAL NC	DE
A:6020/DOD	240-17317-A-2-C		240-65867	240-65145	11/20/2012 13:28	1	TAL NC	NJT
P:3050B	240-17317-A-2-C ^5		240-66205	240-65145	11/15/2012 10:09	5	TAL NC	DE
A:6020/DOD	240-17317-A-2-C ^5		240-66205	240-65145	11/23/2012 12:38	5	TAL NC	NJT
P:7471A	240-17317-A-2-D		240-65450	240-65191	11/15/2012 14:40	1	TAL NC	DE
A:7471/DOD	240-17317-A-2-D		240-65450	240-65191	11/16/2012 18:23	1	TAL NC	DH
A:Moisture	240-17317-D-2		240-65100		11/15/2012 09:06	1	TAL NC	LG

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Laboratory Chronicle

Lab ID: 240-17317-3 **Client ID: 076SS-0005M-0001-SO**

Sample Date/Time: 11/06/2012 18:30 Received Date/Time: 11/07/2012 17:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	240-17317-C-3-A		240-65171	240-64810	11/07/2012 19:25	1	TAL NC	LM
A:8260B/DoD	240-17317-C-3-A		240-65171	240-64810	11/15/2012 14:30	1	TAL NC	TL
P:3540C	240-17317-A-3-E		240-65876	240-65352	11/16/2012 11:46	2.5	TAL NC	CC
A:8270C/DoD	240-17317-A-3-E		240-65876	240-65352	11/21/2012 16:46	2.5	TAL NC	JG
P:3050B	240-17317-A-3-C		240-65867	240-65145	11/15/2012 10:09	1	TAL NC	DE
A:6020/DOD	240-17317-A-3-C		240-65867	240-65145	11/20/2012 13:33	1	TAL NC	NJT
P:3050B	240-17317-A-3-C ^10		240-66205	240-65145	11/15/2012 10:09	10	TAL NC	DE
A:6020/DOD	240-17317-A-3-C ^10		240-66205	240-65145	11/23/2012 12:43	10	TAL NC	NJT
P:7471A	240-17317-A-3-D		240-65450	240-65191	11/15/2012 14:40	1	TAL NC	DE
A:7471/DOD	240-17317-A-3-D		240-65450	240-65191	11/16/2012 18:25	1	TAL NC	DH
A:Moisture	240-17317-D-3		240-65100		11/15/2012 09:06	1	TAL NC	LG

Lab ID: 240-17317-4 **Client ID: 076SS-0006M-0001-SO**

Sample Date/Time: 11/06/2012 18:00 Received Date/Time: 11/07/2012 17:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	240-17317-B-4-A		240-64980	240-64810	11/07/2012 19:25	1	TAL NC	LM
A:8260B/DoD	240-17317-B-4-A		240-64980	240-64810	11/14/2012 18:41	1	TAL NC	SM
P:3540C	240-17317-A-4-E		240-65876	240-65352	11/16/2012 11:46	5	TAL NC	CC
A:8270C/DoD	240-17317-A-4-E		240-65876	240-65352	11/21/2012 16:22	5	TAL NC	JG
P:3050B	240-17317-A-4-C		240-65867	240-65145	11/15/2012 10:09	1	TAL NC	DE
A:6020/DOD	240-17317-A-4-C		240-65867	240-65145	11/20/2012 13:37	1	TAL NC	NJT
P:3050B	240-17317-A-4-C ^10		240-66205	240-65145	11/15/2012 10:09	10	TAL NC	DE
A:6020/DOD	240-17317-A-4-C ^10		240-66205	240-65145	11/23/2012 12:48	10	TAL NC	NJT
P:7471A	240-17317-A-4-D		240-65450	240-65191	11/15/2012 14:40	1	TAL NC	DE
A:7471/DOD	240-17317-A-4-D		240-65450	240-65191	11/16/2012 18:30	1	TAL NC	DH
A:Moisture	240-17317-D-4		240-65100		11/15/2012 09:06	1	TAL NC	LG

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Laboratory Chronicle

Lab ID: 240-17317-5 **Client ID: 068SS-0001M-0001-SO**

Sample Date/Time: 11/06/2012 12:40 Received Date/Time: 11/07/2012 17:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3540C	240-17317-A-5-D		240-65876	240-65352	11/16/2012 11:46	1	TAL NC	CC
A:8270C/DoD	240-17317-A-5-D		240-65876	240-65352	11/21/2012 14:48	1	TAL NC	JG
P:3540C	240-17317-A-5-E		240-65670	240-65400	11/16/2012 13:56	1	TAL NC	CC
A:8082/DOD	240-17317-A-5-E		240-65670	240-65400	11/20/2012 05:05	1	TAL NC	LH
P:3050B	240-17317-A-5-B		240-65867	240-65145	11/15/2012 10:09	1	TAL NC	DE
A:6020/DOD	240-17317-A-5-B		240-65867	240-65145	11/20/2012 13:42	1	TAL NC	NJT
P:3050B	240-17317-A-5-B ^2		240-66205	240-65145	11/15/2012 10:09	2	TAL NC	DE
A:6020/DOD	240-17317-A-5-B ^2		240-66205	240-65145	11/23/2012 13:05	2	TAL NC	NJT
P:7471A	240-17317-A-5-C		240-65450	240-65191	11/15/2012 14:40	1	TAL NC	DE
A:7471/DOD	240-17317-A-5-C		240-65450	240-65191	11/16/2012 18:31	1	TAL NC	DH
A:Moisture	240-17317-A-5		240-65100		11/15/2012 09:06	1	TAL NC	LG

Lab ID: 240-17317-6 **Client ID: 068SS-0002M-0001-SO**

Sample Date/Time: 11/06/2012 12:10 Received Date/Time: 11/07/2012 17:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3540C	240-17317-A-6-D		240-65876	240-65352	11/16/2012 11:46	1	TAL NC	CC
A:8270C/DoD	240-17317-A-6-D		240-65876	240-65352	11/21/2012 15:12	1	TAL NC	JG
P:3540C	240-17317-A-6-E		240-65670	240-65400	11/16/2012 13:56	1	TAL NC	CC
A:8082/DOD	240-17317-A-6-E		240-65670	240-65400	11/20/2012 12:41	1	TAL NC	LH
P:3050B	240-17317-A-6-B		240-65867	240-65145	11/15/2012 10:09	1	TAL NC	DE
A:6020/DOD	240-17317-A-6-B		240-65867	240-65145	11/20/2012 13:47	1	TAL NC	NJT
P:3050B	240-17317-A-6-B ^5		240-66205	240-65145	11/15/2012 10:09	5	TAL NC	DE
A:6020/DOD	240-17317-A-6-B ^5		240-66205	240-65145	11/23/2012 13:10	5	TAL NC	NJT
P:7471A	240-17317-A-6-C		240-65450	240-65191	11/15/2012 14:40	1	TAL NC	DE
A:7471/DOD	240-17317-A-6-C		240-65450	240-65191	11/16/2012 18:32	1	TAL NC	DH
A:Moisture	240-17317-A-6		240-65423		11/16/2012 16:01	1	TAL NC	JK

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Laboratory Chronicle

Lab ID: 240-17317-7 **Client ID:** 068SS-0003M-0001-SO

Sample Date/Time: 11/06/2012 12:00 Received Date/Time: 11/07/2012 17:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	240-17317-D-7-A		240-64980	240-64810	11/07/2012 19:25	1	TAL NC	LM
A:8260B/DoD	240-17317-D-7-A		240-64980	240-64810	11/14/2012 19:02	1	TAL NC	SM
P:3540C	240-17317-A-7-N		240-65876	240-65352	11/16/2012 11:46	1	TAL NC	CC
A:8270C/DoD	240-17317-A-7-N		240-65876	240-65352	11/21/2012 13:38	1	TAL NC	JG
P:3540C	240-17317-A-7-Q		240-65793	240-65399	11/16/2012 13:53	10	TAL NC	CC
A:8081/DOD	240-17317-A-7-Q		240-65793	240-65399	11/20/2012 14:16	10	TAL NC	CV
P:3540C	240-17317-A-7-T		240-65670	240-65400	11/16/2012 13:56	1	TAL NC	CC
A:8082/DOD	240-17317-A-7-T		240-65670	240-65400	11/20/2012 05:20	1	TAL NC	LH
P:Sieve/Ultrasoni	240-17317-A-7-W		320-6340	320-6035	11/16/2012 11:29	1	TAL WSC	TP
A:8330 Modified	240-17317-A-7-W		320-6340	320-6035	11/26/2012 14:11	1	TAL WSC	RN
P:8330B	240-17317-P-7-C		320-6177	320-6026	11/16/2012 10:46	1	TAL WSC	TP
A:8330B	240-17317-P-7-C		320-6177	320-6026	11/21/2012 03:04	1	TAL WSC	RN
P:8330B	240-17317-P-7-C		320-6234	320-6026	11/16/2012 10:46	1	TAL WSC	TP
A:8330B	240-17317-P-7-C		320-6234	320-6026	11/21/2012 22:21	1	TAL WSC	RN
P:3050B	240-17317-A-7-E		240-65867	240-65145	11/15/2012 10:09	1	TAL NC	DE
A:6020/DOD	240-17317-A-7-E		240-65867	240-65145	11/20/2012 13:52	1	TAL NC	NJT
P:3050B	240-17317-A-7-E ^5		240-66205	240-65145	11/15/2012 10:09	5	TAL NC	DE
A:6020/DOD	240-17317-A-7-E ^5		240-66205	240-65145	11/23/2012 13:15	5	TAL NC	NJT
P:7471A	240-17317-A-7-I		240-65450	240-65191	11/15/2012 14:40	1	TAL NC	DE
A:7471/DOD	240-17317-A-7-I		240-65450	240-65191	11/16/2012 18:34	1	TAL NC	DH
A:Moisture	240-17317-K-7		240-65100		11/15/2012 09:06	1	TAL NC	LG
P:353 (NCell-Hyd)	240-17317-P-7-J		320-6288	320-6149	11/20/2012 06:48	1	TAL WSC	TP
A:WS-WC-0050	240-17317-P-7-J		320-6288	320-6149	11/21/2012 16:54	1	TAL WSC	JB

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Laboratory Chronicle

Lab ID: 240-17317-7 **Client ID:** 068SS-0003M-0001-SO

Sample Date/Time: 11/06/2012 12:00 Received Date/Time: 11/07/2012 17:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	240-17317-F-7-A MS		240-64980	240-64810	11/07/2012 19:25	1	TAL NC	LM
A:8260B/DoD	240-17317-F-7-A MS		240-64980	240-64810	11/14/2012 19:24	1	TAL NC	SM
P:3540C	240-17317-A-7-O MS		240-65876	240-65352	11/16/2012 11:46	1	TAL NC	CC
A:8270C/DoD	240-17317-A-7-O MS		240-65876	240-65352	11/21/2012 14:01	1	TAL NC	JG
P:3540C	240-17317-A-7-R MS		240-65793	240-65399	11/16/2012 13:53	10	TAL NC	CC
A:8081/DOD	240-17317-A-7-R MS		240-65793	240-65399	11/20/2012 14:41	10	TAL NC	CV
P:3540C	240-17317-A-7-U MS		240-65670	240-65400	11/16/2012 13:56	1	TAL NC	CC
A:8082/DOD	240-17317-A-7-U MS		240-65670	240-65400	11/20/2012 05:35	1	TAL NC	LH
P:Sieve/Ultrasoni	240-17317-A-7-X MS		320-6340	320-6035	11/16/2012 11:29	1	TAL WSC	TP
A:8330 Modified	240-17317-A-7-X MS		320-6340	320-6035	11/26/2012 14:25	1	TAL WSC	RN
P:8330B	240-17317-P-7-D MS		320-6177	320-6026	11/16/2012 10:46	1	TAL WSC	TP
A:8330B	240-17317-P-7-D MS		320-6177	320-6026	11/21/2012 03:45	1	TAL WSC	RN
P:3050B	240-17317-A-7-H MS ^5		240-66205	240-65145	11/15/2012 10:09	5	TAL NC	DE
A:6020/DOD	240-17317-A-7-H MS ^5		240-66205	240-65145	11/23/2012 13:25	5	TAL NC	NJT
P:3050B	240-17317-A-7-H MS ^5		240-66205	240-65145	11/15/2012 10:09	5	TAL NC	DE
A:6020/DOD	240-17317-A-7-H MS ^5		240-66205	240-65145	11/23/2012 13:31	5	TAL NC	NJT
P:7471A	240-17317-A-7-J MS		240-65450	240-65191	11/15/2012 14:40	1	TAL NC	DE
A:7471/DOD	240-17317-A-7-J MS		240-65450	240-65191	11/16/2012 18:36	1	TAL NC	DH
P:353 (NCell-Hyd)	240-17317-P-7-K MS		320-6288	320-6149	11/20/2012 06:48	1	TAL WSC	TP
A:WS-WC-0050	240-17317-P-7-K MS		320-6288	320-6149	11/21/2012 16:56	1	TAL WSC	JB

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Laboratory Chronicle

Lab ID: 240-17317-7 **Client ID: 068SS-0003M-0001-SO**

Sample Date/Time: 11/06/2012 12:00 Received Date/Time: 11/07/2012 17:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	240-17317-H-7-A MSD		240-64980	240-64810	11/07/2012 19:25	1	TAL NC	LM
A:8260B/DoD	240-17317-H-7-A MSD		240-64980	240-64810	11/14/2012 19:45	1	TAL NC	SM
P:3540C	240-17317-A-7-P MSD		240-65876	240-65352	11/16/2012 11:46	1	TAL NC	CC
A:8270C/DoD	240-17317-A-7-P MSD		240-65876	240-65352	11/21/2012 14:25	1	TAL NC	JG
P:3540C	240-17317-A-7-S MSD		240-65793	240-65399	11/16/2012 13:53	10	TAL NC	CC
A:8081/DOD	240-17317-A-7-S MSD		240-65793	240-65399	11/20/2012 15:06	10	TAL NC	CV
P:3540C	240-17317-A-7-V MSD		240-65670	240-65400	11/16/2012 13:56	1	TAL NC	CC
A:8082/DOD	240-17317-A-7-V MSD		240-65670	240-65400	11/20/2012 05:50	1	TAL NC	LH
P:Sieve/Ultrasoni	240-17317-P-7-F MSD		320-6340	320-6035	11/16/2012 11:29	1	TAL WSC	TP
A:8330 Modified	240-17317-P-7-F MSD		320-6340	320-6035	11/26/2012 14:39	1	TAL WSC	RN
P:8330B	240-17317-P-7-E MSD		320-6177	320-6026	11/16/2012 10:46	1	TAL WSC	TP
A:8330B	240-17317-P-7-E MSD		320-6177	320-6026	11/21/2012 04:25	1	TAL WSC	RN
P:353 (NCell-Hyd)	240-17317-P-7-L MSD		320-6288	320-6149	11/20/2012 06:48	1	TAL WSC	TP
A:WS-WC-0050	240-17317-P-7-L MSD		320-6288	320-6149	11/21/2012 16:58	1	TAL WSC	JB

Lab ID: 240-17317-7 **Client ID: 068SS-0003M-0001-SO**

Sample Date/Time: 11/06/2012 12:00 Received Date/Time: 11/07/2012 17:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3050B	240-17317-A-7-L DU		240-65867	240-65145	11/15/2012 10:09	1	TAL NC	DE
A:6020/DOD	240-17317-A-7-L DU		240-65867	240-65145	11/20/2012 13:57	1	TAL NC	NJT
P:3050B	240-17317-A-7-L DU ^5		240-66205	240-65145	11/15/2012 10:09	5	TAL NC	DE
A:6020/DOD	240-17317-A-7-L DU ^5		240-66205	240-65145	11/23/2012 13:20	5	TAL NC	NJT
P:7471A	240-17317-A-7-M DU		240-65450	240-65191	11/15/2012 14:40	1	TAL NC	DE
A:7471/DOD	240-17317-A-7-M DU		240-65450	240-65191	11/16/2012 18:35	1	TAL NC	DH
A:Moisture	240-17317-J-7 DU		240-65100		11/15/2012 09:06	1	TAL NC	LG

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Laboratory Chronicle

Lab ID: 240-17317-8 **Client ID: 068SS-0004M-0001-SO**

Sample Date/Time: 11/06/2012 12:00 Received Date/Time: 11/07/2012 17:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	240-17317-C-8-A		240-64980	240-64810	11/07/2012 19:25	1	TAL NC	LM
A:8260B/DoD	240-17317-C-8-A		240-64980	240-64810	11/14/2012 20:07	1	TAL NC	SM
P:3540C	240-17317-A-8-D		240-65876	240-65352	11/16/2012 11:46	5	TAL NC	CC
A:8270C/DoD	240-17317-A-8-D		240-65876	240-65352	11/21/2012 15:35	5	TAL NC	JG
P:3540C	240-17317-A-8-E		240-65793	240-65399	11/16/2012 13:53	10	TAL NC	CC
A:8081/DOD	240-17317-A-8-E		240-65793	240-65399	11/20/2012 15:31	10	TAL NC	CV
P:3540C	240-17317-A-8-F		240-65670	240-65400	11/16/2012 13:56	1	TAL NC	CC
A:8082/DOD	240-17317-A-8-F		240-65670	240-65400	11/20/2012 06:05	1	TAL NC	LH
P:Sieve/Ultrasoni	240-17317-F-8-C		320-6340	320-6035	11/16/2012 11:29	1	TAL WSC	TP
A:8330 Modified	240-17317-F-8-C		320-6340	320-6035	11/26/2012 15:08	1	TAL WSC	RN
P:8330B	240-17317-F-8-B		320-6177	320-6026	11/16/2012 10:46	1	TAL WSC	TP
A:8330B	240-17317-F-8-B		320-6177	320-6026	11/21/2012 05:46	1	TAL WSC	RN
P:8330B	240-17317-F-8-B		320-6234	320-6026	11/16/2012 10:46	1	TAL WSC	TP
A:8330B	240-17317-F-8-B		320-6234	320-6026	11/21/2012 23:26	1	TAL WSC	RN
P:3050B	240-17317-A-8-B		240-65867	240-65145	11/15/2012 10:09	1	TAL NC	DE
A:6020/DOD	240-17317-A-8-B		240-65867	240-65145	11/20/2012 14:09	1	TAL NC	NJT
P:3050B	240-17317-A-8-B ^5		240-66205	240-65145	11/15/2012 10:09	5	TAL NC	DE
A:6020/DOD	240-17317-A-8-B ^5		240-66205	240-65145	11/23/2012 13:36	5	TAL NC	NJT
P:7471A	240-17317-A-8-C		240-65450	240-65191	11/15/2012 14:40	1	TAL NC	DE
A:7471/DOD	240-17317-A-8-C		240-65450	240-65191	11/16/2012 18:38	1	TAL NC	DH
A:Moisture	240-17317-A-8		240-65423		11/16/2012 16:01	1	TAL NC	JK
P:353 (NCell-Hyd)	240-17317-F-8-E		320-6288	320-6149	11/20/2012 06:48	1	TAL WSC	TP
A:WS-WC-0050	240-17317-F-8-E		320-6288	320-6149	11/21/2012 17:00	1	TAL WSC	JB

Lab ID: 240-17317-9 **Client ID: 076SS-0004M-0001-SO**

Sample Date/Time: 11/06/2012 10:00 Received Date/Time: 11/07/2012 17:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	240-17317-B-9-A		240-64980	240-64810	11/07/2012 19:25	1	TAL NC	LM
A:8260B/DoD	240-17317-B-9-A		240-64980	240-64810	11/14/2012 20:29	1	TAL NC	SM
P:3540C	240-17317-A-9-E		240-66051	240-65352	11/16/2012 11:50	10	TAL NC	CC
A:8270C/DoD	240-17317-A-9-E		240-66051	240-65352	11/23/2012 14:12	10	TAL NC	JG
P:3050B	240-17317-A-9-C		240-65867	240-65145	11/15/2012 10:09	1	TAL NC	DE
A:6020/DOD	240-17317-A-9-C		240-65867	240-65145	11/20/2012 14:14	1	TAL NC	NJT
P:3050B	240-17317-A-9-C ^5		240-66205	240-65145	11/15/2012 10:09	5	TAL NC	DE
A:6020/DOD	240-17317-A-9-C ^5		240-66205	240-65145	11/23/2012 13:41	5	TAL NC	NJT
P:7471A	240-17317-A-9-D		240-65450	240-65191	11/15/2012 14:40	1	TAL NC	DE
A:7471/DOD	240-17317-A-9-D		240-65450	240-65191	11/16/2012 18:39	1	TAL NC	DH
A:Moisture	240-17317-D-9		240-65100		11/15/2012 09:06	1	TAL NC	LG

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Laboratory Chronicle

Lab ID: 240-17317-10 **Client ID: 076SS-0003M-0001-SO**

Sample Date/Time: 11/06/2012 09:20 Received Date/Time: 11/07/2012 17:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	240-17317-D-10-A		240-64980	240-64810	11/07/2012 19:25	1	TAL NC	LM
A:8260B/DoD	240-17317-D-10-A		240-64980	240-64810	11/14/2012 20:50	1	TAL NC	SM
P:3540C	240-17317-A-10-D		240-66702	240-65386	11/16/2012 13:26	10	TAL NC	CC
A:8270C/DoD	240-17317-A-10-D		240-66702	240-65386	11/29/2012 12:30	10	TAL NC	MU
P:3050B	240-17317-A-10-B		240-65867	240-65145	11/15/2012 10:09	1	TAL NC	DE
A:6020/DOD	240-17317-A-10-B		240-65867	240-65145	11/20/2012 14:31	1	TAL NC	NJT
P:3050B	240-17317-A-10-B ^5		240-66205	240-65145	11/15/2012 10:09	5	TAL NC	DE
A:6020/DOD	240-17317-A-10-B ^5		240-66205	240-65145	11/23/2012 13:46	5	TAL NC	NJT
P:7471A	240-17317-A-10-C		240-65450	240-65191	11/15/2012 14:40	1	TAL NC	DE
A:7471/DOD	240-17317-A-10-C		240-65450	240-65191	11/16/2012 18:41	1	TAL NC	DH
A:Moisture	240-17317-A-10		240-65100		11/15/2012 09:06	1	TAL NC	LG

Lab ID: 240-17317-11 **Client ID: 070SS-0006M-0001-SO**

Sample Date/Time: 11/07/2012 08:50 Received Date/Time: 11/07/2012 17:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	240-17317-D-11-A		240-65273	240-64810	11/07/2012 19:25	1	TAL NC	LM
A:8015B	240-17317-D-11-A		240-65273	240-64810	11/16/2012 16:24	1	TAL NC	HMB
A:Moisture	240-17317-K-11		240-65100		11/15/2012 09:06	1	TAL NC	LG

Lab ID: 240-17317-11 **Client ID: 070SS-0006M-0001-SO**

Sample Date/Time: 11/07/2012 08:50 Received Date/Time: 11/07/2012 17:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	240-17317-F-11-A MS		240-65273	240-64810	11/07/2012 19:25	1	TAL NC	LM
A:8015B	240-17317-F-11-A MS		240-65273	240-64810	11/16/2012 17:03	1	TAL NC	HMB

Lab ID: 240-17317-11 **Client ID: 070SS-0006M-0001-SO**

Sample Date/Time: 11/07/2012 08:50 Received Date/Time: 11/07/2012 17:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	240-17317-H-11-A MSD		240-65273	240-64810	11/07/2012 19:25	1	TAL NC	LM
A:8015B	240-17317-H-11-A MSD		240-65273	240-64810	11/16/2012 17:41	1	TAL NC	HMB

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Laboratory Chronicle

Lab ID: 240-17317-11 **Client ID: 070SS-0006M-0001-SO**

Sample Date/Time: 11/07/2012 08:50 Received Date/Time: 11/07/2012 17:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:Moisture	240-17317-J-11 DU		240-65100		11/15/2012 09:06	1	TAL NC	LG

Lab ID: 240-17317-12 **Client ID: 070SS-0007M-0001-SO**

Sample Date/Time: 11/07/2012 08:50 Received Date/Time: 11/07/2012 17:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	240-17317-C-12-A		240-65273	240-65380	11/07/2012 19:25	1	TAL NC	HMB
A:8015B	240-17317-C-12-A		240-65273	240-65380	11/16/2012 18:19	1	TAL NC	HMB
A:Moisture	240-17317-D-12		240-65100		11/15/2012 09:06	1	TAL NC	LG

Lab ID: 240-17317-13 **Client ID: 070SS-0002M-0001-SO**

Sample Date/Time: 11/07/2012 09:10 Received Date/Time: 11/07/2012 17:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5035	240-17317-C-13-A		240-65273	240-65380	11/07/2012 19:25	1	TAL NC	HMB
A:8015B	240-17317-C-13-A		240-65273	240-65380	11/16/2012 18:57	1	TAL NC	HMB
A:Moisture	240-17317-D-13		240-65100		11/15/2012 09:06	1	TAL NC	LG

Lab ID: 240-17317-14 **Client ID: 068SS-0005M-0001-SO**

Sample Date/Time: 11/06/2012 13:50 Received Date/Time: 11/07/2012 17:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3540C	240-17317-A-14-D		240-66702	240-65386	11/16/2012 13:26	1	TAL NC	CC
A:8270C/DoD	240-17317-A-14-D		240-66702	240-65386	11/29/2012 10:52	1	TAL NC	MU
P:3540C	240-17317-A-14-E		240-65670	240-65400	11/16/2012 13:56	1	TAL NC	CC
A:8082/DOD	240-17317-A-14-E		240-65670	240-65400	11/20/2012 06:20	1	TAL NC	LH
P:3050B	240-17317-A-14-B		240-65867	240-65145	11/15/2012 10:09	1	TAL NC	DE
A:6020/DOD	240-17317-A-14-B		240-65867	240-65145	11/20/2012 14:36	1	TAL NC	NJT
P:3050B	240-17317-A-14-B ^10		240-66205	240-65145	11/15/2012 10:09	10	TAL NC	DE
A:6020/DOD	240-17317-A-14-B ^10		240-66205	240-65145	11/23/2012 13:51	10	TAL NC	NJT
P:7471A	240-17317-A-14-C		240-65450	240-65191	11/15/2012 14:40	1	TAL NC	DE
A:7471/DOD	240-17317-A-14-C		240-65450	240-65191	11/16/2012 18:42	1	TAL NC	DH
A:Moisture	240-17317-A-14		240-65423		11/16/2012 16:01	1	TAL NC	JK

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Laboratory Chronicle

Lab ID: 240-17317-14 DU **Client ID: 068SS-0005M-0001-SO**

Sample Date/Time: 11/06/2012 13:50 Received Date/Time: 11/07/2012 17:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
A:Moisture	240-17317-A-14 DU		240-65423		11/16/2012 16:01	1	TAL NC	JK

Lab ID: 240-17317-15 **Client ID: 068SS-0006M-0001-SO**

Sample Date/Time: 11/06/2012 15:45 Received Date/Time: 11/07/2012 17:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3540C	240-17317-A-15-D		240-66702	240-65386	11/16/2012 13:26	1	TAL NC	CC
A:8270C/DoD	240-17317-A-15-D		240-66702	240-65386	11/29/2012 11:17	1	TAL NC	MU
P:3540C	240-17317-A-15-E		240-65670	240-65400	11/16/2012 13:56	1	TAL NC	CC
A:8082/DOD	240-17317-A-15-E		240-65670	240-65400	11/20/2012 06:35	1	TAL NC	LH
P:3050B	240-17317-A-15-B		240-65867	240-65145	11/15/2012 10:09	1	TAL NC	DE
A:6020/DOD	240-17317-A-15-B		240-65867	240-65145	11/20/2012 14:41	1	TAL NC	NJT
P:3050B	240-17317-A-15-B ^10		240-66205	240-65145	11/15/2012 10:09	10	TAL NC	DE
A:6020/DOD	240-17317-A-15-B ^10		240-66205	240-65145	11/23/2012 14:08	10	TAL NC	NJT
P:7471A	240-17317-A-15-C		240-65450	240-65191	11/15/2012 14:40	1	TAL NC	DE
A:7471/DOD	240-17317-A-15-C		240-65450	240-65191	11/16/2012 18:47	1	TAL NC	DH
A:Moisture	240-17317-A-15		240-65423		11/16/2012 16:01	1	TAL NC	JK

Lab ID: 240-17317-16 **Client ID: 068SS-0007M-0001-SO**

Sample Date/Time: 11/06/2012 16:15 Received Date/Time: 11/07/2012 17:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3540C	240-17317-A-16-D		240-66702	240-65386	11/16/2012 13:26	1	TAL NC	CC
A:8270C/DoD	240-17317-A-16-D		240-66702	240-65386	11/29/2012 11:41	1	TAL NC	MU
P:3540C	240-17317-A-16-E		240-65670	240-65400	11/16/2012 13:56	1	TAL NC	CC
A:8082/DOD	240-17317-A-16-E		240-65670	240-65400	11/20/2012 07:19	1	TAL NC	LH
P:3050B	240-17317-A-16-B		240-65867	240-65145	11/15/2012 10:09	1	TAL NC	DE
A:6020/DOD	240-17317-A-16-B		240-65867	240-65145	11/20/2012 14:46	1	TAL NC	NJT
P:3050B	240-17317-A-16-B ^10		240-66205	240-65145	11/15/2012 10:09	10	TAL NC	DE
A:6020/DOD	240-17317-A-16-B ^10		240-66205	240-65145	11/23/2012 14:13	10	TAL NC	NJT
P:7471A	240-17317-A-16-C		240-65450	240-65191	11/15/2012 14:40	1	TAL NC	DE
A:7471/DOD	240-17317-A-16-C		240-65450	240-65191	11/16/2012 18:48	1	TAL NC	DH
A:Moisture	240-17317-A-16		240-65423		11/16/2012 16:01	1	TAL NC	JK

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Laboratory Chronicle

Lab ID: 240-17317-17 **Client ID: 068SS-0008M-0001-SO**

Sample Date/Time: 11/06/2012 15:10 Received Date/Time: 11/07/2012 17:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3540C	240-17317-A-17-D		240-67921	240-65386	11/16/2012 13:26	1	TAL NC	CC
A:8270C/DoD	240-17317-A-17-D		240-67921	240-65386	12/10/2012 09:39	1	TAL NC	MU
P:3540C	240-17317-A-17-E		240-65670	240-65400	11/16/2012 13:56	1	TAL NC	CC
A:8082/DOD	240-17317-A-17-E		240-65670	240-65400	11/20/2012 07:34	1	TAL NC	LH
P:3050B	240-17317-A-17-B		240-65867	240-65145	11/15/2012 10:09	1	TAL NC	DE
A:6020/DOD	240-17317-A-17-B		240-65867	240-65145	11/20/2012 14:51	1	TAL NC	NJT
P:3050B	240-17317-A-17-B ^5		240-66205	240-65145	11/15/2012 10:09	5	TAL NC	DE
A:6020/DOD	240-17317-A-17-B ^5		240-66205	240-65145	11/23/2012 14:18	5	TAL NC	NJT
P:7471A	240-17317-A-17-C		240-65450	240-65191	11/15/2012 14:40	1	TAL NC	DE
A:7471/DOD	240-17317-A-17-C		240-65450	240-65191	11/16/2012 18:50	1	TAL NC	DH
A:Moisture	240-17317-A-17		240-65423		11/16/2012 16:01	1	TAL NC	JK

Lab ID: 240-17317-18 **Client ID: 076SD-0008-0001-SO**

Sample Date/Time: 11/06/2012 18:10 Received Date/Time: 11/07/2012 17:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3540C	240-17317-A-18-D		240-67921	240-65386	11/16/2012 13:26	1	TAL NC	CC
A:8270C/DoD	240-17317-A-18-D		240-67921	240-65386	12/10/2012 10:04	1	TAL NC	MU
P:3540C	240-17317-A-18-E		240-65670	240-65400	11/16/2012 13:56	1	TAL NC	CC
A:8082/DOD	240-17317-A-18-E		240-65670	240-65400	11/20/2012 07:49	1	TAL NC	LH
P:Sieve/Ultrasoni	240-17317-C-18-C		320-6340	320-6035	11/16/2012 11:29	1	TAL WSC	TP
A:8330 Modified	240-17317-C-18-C		320-6340	320-6035	11/26/2012 15:22	1	TAL WSC	RN
P:8330B	240-17317-C-18-B		320-6177	320-6026	11/16/2012 10:46	1	TAL WSC	TP
A:8330B	240-17317-C-18-B		320-6177	320-6026	11/21/2012 06:27	1	TAL WSC	RN
P:8330B	240-17317-C-18-B		320-6234	320-6026	11/16/2012 10:46	1	TAL WSC	TP
A:8330B	240-17317-C-18-B		320-6234	320-6026	11/22/2012 00:32	1	TAL WSC	RN
P:3050B	240-17317-A-18-B		240-65867	240-65145	11/15/2012 10:09	1	TAL NC	DE
A:6020/DOD	240-17317-A-18-B		240-65867	240-65145	11/20/2012 14:56	1	TAL NC	NJT
P:3050B	240-17317-A-18-B ^5		240-66205	240-65145	11/15/2012 10:09	5	TAL NC	DE
A:6020/DOD	240-17317-A-18-B ^5		240-66205	240-65145	11/23/2012 14:23	5	TAL NC	NJT
P:7471A	240-17317-A-18-C		240-65450	240-65191	11/15/2012 14:40	1	TAL NC	DE
A:7471/DOD	240-17317-A-18-C		240-65450	240-65191	11/16/2012 18:52	1	TAL NC	DH
A:Moisture	240-17317-A-18		240-65423		11/16/2012 16:01	1	TAL NC	JK
P:353 (NCell-Hyd)	240-17317-C-18-E		320-6288	320-6149	11/20/2012 06:48	1	TAL WSC	TP
A:WS-WC-0050	240-17317-C-18-E		320-6288	320-6149	11/21/2012 17:02	1	TAL WSC	JB

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Laboratory Chronicle

Lab ID: 240-17317-19 **Client ID:** 076SD-0009-0001-SO

Sample Date/Time: 11/06/2012 18:15 Received Date/Time: 11/07/2012 17:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3540C	240-17317-A-19-M		240-68844	240-65386	11/16/2012 13:26	1	TAL NC	CC
A:8270C/DoD	240-17317-A-19-M		240-68844	240-65386	12/15/2012 14:32	1	TAL NC	MU
P:3540C	240-17317-A-19-P		240-65670	240-65400	11/16/2012 13:56	1	TAL NC	CC
A:8082/DOD	240-17317-A-19-P		240-65670	240-65400	11/20/2012 08:04	1	TAL NC	LH
P:Sieve/Ultrasoni	240-17317-E-19-F		320-6340	320-6035	11/16/2012 11:29	1	TAL WSC	TP
A:8330 Modified	240-17317-E-19-F		320-6340	320-6035	11/26/2012 15:37	1	TAL WSC	RN
P:8330B	240-17317-E-19-C		320-6177	320-6026	11/16/2012 10:46	1	TAL WSC	TP
A:8330B	240-17317-E-19-C		320-6177	320-6026	11/21/2012 07:08	1	TAL WSC	RN
P:8330B	240-17317-E-19-C		320-6234	320-6026	11/16/2012 10:46	1	TAL WSC	TP
A:8330B	240-17317-E-19-C		320-6234	320-6026	11/22/2012 01:37	1	TAL WSC	RN
P:3050B	240-17317-A-19-D		240-65867	240-65145	11/15/2012 10:09	1	TAL NC	DE
A:6020/DOD	240-17317-A-19-D		240-65867	240-65145	11/20/2012 15:01	1	TAL NC	NJT
P:3050B	240-17317-A-19-D ^5		240-66205	240-65145	11/15/2012 10:09	5	TAL NC	DE
A:6020/DOD	240-17317-A-19-D ^5		240-66205	240-65145	11/23/2012 14:28	5	TAL NC	NJT
P:7471A	240-17317-A-19-H		240-65450	240-65191	11/15/2012 14:40	1	TAL NC	DE
A:7471/DOD	240-17317-A-19-H		240-65450	240-65191	11/16/2012 18:53	1	TAL NC	DH
A:Moisture	240-17317-B-19		240-65423		11/16/2012 16:01	1	TAL NC	JK
P:353 (NCell-Hyd)	240-17317-E-19-L		320-6288	320-6149	11/20/2012 06:48	1	TAL WSC	TP
A:WS-WC-0050	240-17317-E-19-L		320-6288	320-6149	11/21/2012 17:32	1	TAL WSC	JB

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Laboratory Chronicle

Lab ID: 240-17317-19 **Client ID:** 076SD-0009-0001-SO

Sample Date/Time: 11/06/2012 18:15 Received Date/Time: 11/07/2012 17:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3540C	240-17317-A-19-N MS		240-66702	240-65386	11/16/2012 13:26	1	TAL NC	CC
A:8270C/DoD	240-17317-A-19-N MS		240-66702	240-65386	11/29/2012 16:20	1	TAL NC	MU
P:3540C	240-17317-A-19-Q MS		240-65670	240-65400	11/16/2012 13:56	1	TAL NC	CC
A:8082/DOD	240-17317-A-19-Q MS		240-65670	240-65400	11/20/2012 08:19	1	TAL NC	LH
P:Sieve/Ultrasoni	240-17317-E-19-G MS		320-6340	320-6035	11/16/2012 11:29	1	TAL WSC	TP
A:8330 Modified	240-17317-E-19-G MS		320-6340	320-6035	11/26/2012 15:51	1	TAL WSC	RN
P:8330B	240-17317-E-19-D MS		320-6177	320-6026	11/16/2012 10:46	1	TAL WSC	TP
A:8330B	240-17317-E-19-D MS		320-6177	320-6026	11/21/2012 07:48	1	TAL WSC	RN
P:3050B	240-17317-A-19-G MS		240-65867	240-65145	11/15/2012 10:09	1	TAL NC	DE
A:6020/DOD	240-17317-A-19-G MS		240-65867	240-65145	11/20/2012 15:11	1	TAL NC	NJT
P:3050B	240-17317-A-19-G MS ^5		240-66205	240-65145	11/15/2012 10:09	5	TAL NC	DE
A:6020/DOD	240-17317-A-19-G MS ^5		240-66205	240-65145	11/23/2012 14:38	5	TAL NC	NJT
P:7471A	240-17317-A-19-I MS		240-65450	240-65191	11/15/2012 14:40	1	TAL NC	DE
A:7471/DOD	240-17317-A-19-I MS		240-65450	240-65191	11/16/2012 18:56	1	TAL NC	DH
P:353 (NCell-Hyd)	240-17317-E-19-M MS		320-6288	320-6149	11/20/2012 06:48	1	TAL WSC	TP
A:WS-WC-0050	240-17317-E-19-M MS		320-6288	320-6149	11/21/2012 17:52	1	TAL WSC	JB

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Laboratory Chronicle

Lab ID: 240-17317-19 **Client ID: 076SD-0009-0001-SO**

Sample Date/Time: 11/06/2012 18:15 Received Date/Time: 11/07/2012 17:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3540C	240-17317-A-19-O MSD		240-66702	240-65386	11/16/2012 13:26	1	TAL NC	CC
A:8270C/DoD	240-17317-A-19-O MSD		240-66702	240-65386	11/29/2012 16:45	1	TAL NC	MU
P:3540C	240-17317-A-19-R MSD		240-65670	240-65400	11/16/2012 13:56	1	TAL NC	CC
A:8082/DOD	240-17317-A-19-R MSD		240-65670	240-65400	11/20/2012 08:34	1	TAL NC	LH
P:Sieve/Ultrasoni	240-17317-E-19-H MSD		320-6340	320-6035	11/16/2012 11:29	1	TAL WSC	TP
A:8330 Modified	240-17317-E-19-H MSD		320-6340	320-6035	11/26/2012 16:05	1	TAL WSC	RN
P:8330B	240-17317-E-19-E MSD		320-6177	320-6026	11/16/2012 10:46	1	TAL WSC	TP
A:8330B	240-17317-E-19-E MSD		320-6177	320-6026	11/21/2012 08:29	1	TAL WSC	RN
P:353 (NCell-Hyd)	240-17317-E-19-N MSD		320-6288	320-6149	11/20/2012 06:48	1	TAL WSC	TP
A:WS-WC-0050	240-17317-E-19-N MSD		320-6288	320-6149	11/21/2012 17:54	1	TAL WSC	JB

Lab ID: 240-17317-19 **Client ID: 076SD-0009-0001-SO**

Sample Date/Time: 11/06/2012 18:15 Received Date/Time: 11/07/2012 17:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3050B	240-17317-A-19-K DU		240-65867	240-65145	11/15/2012 10:09	1	TAL NC	DE
A:6020/DOD	240-17317-A-19-K DU		240-65867	240-65145	11/20/2012 15:06	1	TAL NC	NJT
P:3050B	240-17317-A-19-K DU ^5		240-66205	240-65145	11/15/2012 10:09	5	TAL NC	DE
A:6020/DOD	240-17317-A-19-K DU ^5		240-66205	240-65145	11/23/2012 14:33	5	TAL NC	NJT
P:7471A	240-17317-A-19-L DU		240-65450	240-65191	11/15/2012 14:40	1	TAL NC	DE
A:7471/DOD	240-17317-A-19-L DU		240-65450	240-65191	11/16/2012 18:54	1	TAL NC	DH
A:Moisture	240-17317-A-19 DU		240-65423		11/16/2012 16:01	1	TAL NC	JK

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Laboratory Chronicle

Lab ID: 240-17317-20 **Client ID: 076SD-0010-0001-SO**

Sample Date/Time: 11/06/2012 18:15 Received Date/Time: 11/07/2012 17:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3540C	240-17317-A-20-D		240-68349	240-65386	11/16/2012 13:26	1	TAL NC	CC
A:8270C/DoD	240-17317-A-20-D		240-68349	240-65386	12/12/2012 14:22	1	TAL NC	MU
P:3540C	240-17317-A-20-E		240-65670	240-65400	11/16/2012 13:56	1	TAL NC	CC
A:8082/DOD	240-17317-A-20-E		240-65670	240-65400	11/20/2012 08:49	1	TAL NC	LH
P:Sieve/Ultrasoni	240-17317-C-20-C		320-6340	320-6035	11/16/2012 11:29	1	TAL WSC	TP
A:8330 Modified	240-17317-C-20-C		320-6340	320-6035	11/26/2012 16:19	1	TAL WSC	RN
P:8330B	240-17317-C-20-B		320-6177	320-6026	11/16/2012 10:48	1	TAL WSC	TP
A:8330B	240-17317-C-20-B		320-6177	320-6026	11/21/2012 09:09	1	TAL WSC	RN
P:8330B	240-17317-C-20-B		320-6234	320-6026	11/16/2012 10:48	1	TAL WSC	TP
A:8330B	240-17317-C-20-B		320-6234	320-6026	11/22/2012 02:43	1	TAL WSC	RN
P:3050B	240-17317-A-20-B		240-65867	240-65145	11/15/2012 10:09	1	TAL NC	DE
A:6020/DOD	240-17317-A-20-B		240-65867	240-65145	11/20/2012 15:18	1	TAL NC	NJT
P:3050B	240-17317-A-20-B ^5		240-66205	240-65145	11/15/2012 10:09	5	TAL NC	DE
A:6020/DOD	240-17317-A-20-B ^5		240-66205	240-65145	11/23/2012 14:43	5	TAL NC	NJT
P:7471A	240-17317-A-20-C		240-65450	240-65191	11/15/2012 14:40	1	TAL NC	DE
A:7471/DOD	240-17317-A-20-C		240-65450	240-65191	11/16/2012 18:57	1	TAL NC	DH
A:Moisture	240-17317-A-20		240-65423		11/16/2012 16:01	1	TAL NC	JK
P:353 (NCell-Hyd)	240-17317-C-20-E		320-6288	320-6149	11/20/2012 06:48	1	TAL WSC	TP
A:WS-WC-0050	240-17317-C-20-E		320-6288	320-6149	11/21/2012 17:22	1	TAL WSC	JB

Lab ID: 240-17317-21 **Client ID: 076SD-0011-0001-SO**

Sample Date/Time: 11/06/2012 18:25 Received Date/Time: 11/07/2012 17:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3540C	240-17317-A-21-D		240-68588	240-65386	11/16/2012 13:26	1	TAL NC	CC
A:8270C/DoD	240-17317-A-21-D		240-68588	240-65386	12/13/2012 18:03	1	TAL NC	MU
P:3540C	240-17317-A-21-E		240-65670	240-65400	11/16/2012 13:56	1	TAL NC	CC
A:8082/DOD	240-17317-A-21-E		240-65670	240-65400	11/20/2012 09:04	1	TAL NC	LH
P:Sieve/Ultrasoni	240-17317-C-21-C		320-6340	320-6035	11/16/2012 11:29	1	TAL WSC	TP
A:8330 Modified	240-17317-C-21-C		320-6340	320-6035	11/26/2012 16:34	1	TAL WSC	RN
P:8330B	240-17317-C-21-B		320-6177	320-6026	11/16/2012 10:48	1	TAL WSC	TP
A:8330B	240-17317-C-21-B		320-6177	320-6026	11/21/2012 09:50	1	TAL WSC	RN
P:8330B	240-17317-C-21-B		320-6234	320-6026	11/16/2012 10:48	1	TAL WSC	TP
A:8330B	240-17317-C-21-B		320-6234	320-6026	11/22/2012 04:54	1	TAL WSC	RN
P:3050B	240-17317-A-21-B		240-66205	240-65198	11/15/2012 12:19	1	TAL NC	SG
A:6020/DOD	240-17317-A-21-B		240-66205	240-65198	11/23/2012 15:52	1	TAL NC	NJT
P:7471A	240-17317-A-21-C		240-65450	240-65204	11/15/2012 14:40	1	TAL NC	SG
A:7471/DOD	240-17317-A-21-C		240-65450	240-65204	11/16/2012 19:08	1	TAL NC	DH
A:Moisture	240-17317-A-21		240-65423		11/16/2012 16:01	1	TAL NC	JK
P:353 (NCell-Hyd)	240-17317-C-21-E		320-6288	320-6149	11/20/2012 06:48	1	TAL WSC	TP
A:WS-WC-0050	240-17317-C-21-E		320-6288	320-6149	11/21/2012 17:42	1	TAL WSC	JB

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Laboratory Chronicle

Lab ID: 240-17317-22 **Client ID: 076SD-0012-0001-SO**

Sample Date/Time: 11/06/2012 18:30 Received Date/Time: 11/07/2012 17:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3540C	240-17317-A-22-D		240-66702	240-65386	11/16/2012 13:26	5	TAL NC	CC
A:8270C/DoD	240-17317-A-22-D		240-66702	240-65386	11/29/2012 12:54	5	TAL NC	MU
P:3540C	240-17317-A-22-E		240-65670	240-65400	11/16/2012 13:56	1	TAL NC	CC
A:8082/DOD	240-17317-A-22-E		240-65670	240-65400	11/20/2012 09:19	1	TAL NC	LH
P:Sieve/Ultrasoni	240-17317-C-22-B		320-6340	320-6035	11/16/2012 11:29	1	TAL WSC	TP
A:8330 Modified	240-17317-C-22-B		320-6340	320-6035	11/26/2012 16:48	1	TAL WSC	RN
P:8330B	240-17317-C-22-A		320-6177	320-6026	11/16/2012 10:48	1	TAL WSC	TP
A:8330B	240-17317-C-22-A		320-6177	320-6026	11/21/2012 10:30	1	TAL WSC	RN
P:8330B	240-17317-C-22-A		320-6234	320-6026	11/16/2012 10:48	1	TAL WSC	TP
A:8330B	240-17317-C-22-A		320-6234	320-6026	11/22/2012 06:00	1	TAL WSC	RN
P:3050B	240-17317-A-22-B		240-66205	240-65198	11/15/2012 12:19	1	TAL NC	SG
A:6020/DOD	240-17317-A-22-B		240-66205	240-65198	11/23/2012 16:09	1	TAL NC	NJT
P:7471A	240-17317-A-22-C		240-65450	240-65204	11/15/2012 14:40	1	TAL NC	SG
A:7471/DOD	240-17317-A-22-C		240-65450	240-65204	11/16/2012 19:10	1	TAL NC	DH
A:Moisture	240-17317-A-22		240-65423		11/16/2012 16:01	1	TAL NC	JK
P:353 (NCell-Hyd)	240-17317-C-22-D		320-6288	320-6149	11/20/2012 06:48	1	TAL WSC	TP
A:WS-WC-0050	240-17317-C-22-D		320-6288	320-6149	11/21/2012 17:12	1	TAL WSC	JB

Lab ID: 240-17317-23 **Client ID: 079SS-0002M-0001-SO**

Sample Date/Time: 11/07/2012 13:25 Received Date/Time: 11/07/2012 17:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3050B	240-17317-A-23-B		240-66205	240-65198	11/15/2012 12:19	1	TAL NC	SG
A:6020/DOD	240-17317-A-23-B		240-66205	240-65198	11/23/2012 16:14	1	TAL NC	NJT
P:3050B	240-17317-A-23-B ^10		240-66869	240-65198	11/15/2012 12:19	10	TAL NC	SG
A:6020/DOD	240-17317-A-23-B ^10		240-66869	240-65198	11/30/2012 05:27	10	TAL NC	NJT
P:3050B	240-17317-A-23-B ^20		240-67023	240-65198	11/15/2012 12:19	20	TAL NC	SG
A:6020/DOD	240-17317-A-23-B ^20		240-67023	240-65198	11/30/2012 11:46	20	TAL NC	NJT
P:7471A	240-17317-A-23-C		240-65450	240-65204	11/15/2012 14:40	1	TAL NC	SG
A:7471/DOD	240-17317-A-23-C		240-65450	240-65204	11/16/2012 19:11	1	TAL NC	DH
A:Moisture	240-17317-A-23		240-65423		11/16/2012 16:04	1	TAL NC	JK

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Laboratory Chronicle

Lab ID: 240-17317-24 **Client ID: 079SS-0001M-0001-SO**

Sample Date/Time: 11/07/2012 12:30 Received Date/Time: 11/07/2012 17:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:3050B	240-17317-A-24-B		240-66205	240-65198	11/15/2012 12:19	1	TAL NC	SG
A:6020/DOD	240-17317-A-24-B		240-66205	240-65198	11/23/2012 16:18	1	TAL NC	NJT
P:3050B	240-17317-A-24-B ^10		240-67023	240-65198	11/15/2012 12:19	10	TAL NC	SG
A:6020/DOD	240-17317-A-24-B ^10		240-67023	240-65198	11/30/2012 11:51	10	TAL NC	NJT
P:7471A	240-17317-A-24-C		240-65450	240-65204	11/15/2012 14:40	1	TAL NC	SG
A:7471/DOD	240-17317-A-24-C		240-65450	240-65204	11/16/2012 19:12	1	TAL NC	DH
A:Moisture	240-17317-A-24		240-65423		11/16/2012 16:04	1	TAL NC	JK

Lab ID: 240-17317-25 **Client ID: 076SS-0027-0001-TB**

Sample Date/Time: 11/07/2012 08:00 Received Date/Time: 11/07/2012 17:30

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	240-17317-A-25		240-64831		11/13/2012 13:59	1	TAL NC	RQ
A:8260B/DoD	240-17317-A-25		240-64831		11/13/2012 13:59	1	TAL NC	RQ
P:5030B	240-17317-B-25		240-65195		11/15/2012 17:50	1	TAL NC	HMB
A:8015B	240-17317-B-25		240-65195		11/15/2012 17:50	1	TAL NC	HMB

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Laboratory Chronicle

Lab ID: MB **Client ID:** N/A

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	MB 240-64831/6		240-64831		11/13/2012 12:55	1	TAL NC	RQ
A:8260B/DoD	MB 240-64831/6		240-64831		11/13/2012 12:55	1	TAL NC	RQ
A:8260B/DoD	MB 240-64980/8		240-64980		11/14/2012 14:23	1	TAL NC	SM
A:8260B/DoD	MB 240-65171/8		240-65171		11/15/2012 13:25	1	TAL NC	TL
P:3540C	MB 240-65352/23-A		240-65876	240-65352	11/16/2012 11:50	1	TAL NC	CC
A:8270C/DoD	MB 240-65352/23-A		240-65876	240-65352	11/21/2012 12:51	1	TAL NC	JG
P:3540C	MB 240-65386/21-A		240-66702	240-65386	11/16/2012 13:26	1	TAL NC	CC
A:8270C/DoD	MB 240-65386/21-A		240-66702	240-65386	11/29/2012 09:13	1	TAL NC	MU
P:5030B	MB 240-65195/7		240-65195		11/15/2012 16:07	1	TAL NC	HMB
A:8015B	MB 240-65195/7		240-65195		11/15/2012 16:07	1	TAL NC	HMB
A:8015B	MB 240-65273/11		240-65273		11/16/2012 13:32	1	TAL NC	HMB
P:3540C	MB 240-65399/5-A		240-65793	240-65399	11/16/2012 13:53	1	TAL NC	CC
A:8081/DOD	MB 240-65399/5-A		240-65793	240-65399	11/20/2012 15:57	1	TAL NC	CV
P:3540C	MB 240-65400/23-A		240-65670	240-65400	11/16/2012 13:56	1	TAL NC	CC
A:8082/DOD	MB 240-65400/23-A		240-65670	240-65400	11/20/2012 06:49	1	TAL NC	LH
P:Sieve/Ultrasoni	MB 320-6035/1-A		320-6340	320-6035	11/16/2012 11:29	1	TAL WSC	TP
A:8330 Modified	MB 320-6035/1-A		320-6340	320-6035	11/26/2012 12:45	1	TAL WSC	RN
P:8330B	MB 320-6026/1-A		320-6177	320-6026	11/16/2012 10:46	1	TAL WSC	TP
A:8330B	MB 320-6026/1-A		320-6177	320-6026	11/20/2012 22:21	1	TAL WSC	RN
P:8330B	MB 320-6026/1-A		320-6234	320-6026	11/16/2012 10:46	1	TAL WSC	TP
A:8330B	MB 320-6026/1-A		320-6234	320-6026	11/21/2012 17:59	1	TAL WSC	RN
P:3050B	MB 240-65145/1-A		240-65867	240-65145	11/15/2012 10:09	1	TAL NC	DE
A:6020/DOD	MB 240-65145/1-A		240-65867	240-65145	11/20/2012 12:20	1	TAL NC	NJT
P:3050B	MB 240-65198/1-A		240-66205	240-65198	11/15/2012 12:19	1	TAL NC	SG
A:6020/DOD	MB 240-65198/1-A		240-66205	240-65198	11/23/2012 15:10	1	TAL NC	NJT
P:7471A	MB 240-65191/1-A		240-65450	240-65191	11/15/2012 14:40	1	TAL NC	DE
A:7471/DOD	MB 240-65191/1-A		240-65450	240-65191	11/16/2012 18:11	1	TAL NC	DH
P:7471A	MB 240-65204/1-A		240-65450	240-65204	11/15/2012 14:40	1	TAL NC	SG
A:7471/DOD	MB 240-65204/1-A		240-65450	240-65204	11/16/2012 18:59	1	TAL NC	DH
P:353 (NCell-Hyd)	MB 320-6087/1-B		320-6287	320-6149	11/20/2012 06:48	1	TAL WSC	TP
A:WS-WC-0050	MB 320-6087/1-B		320-6287	320-6149	11/21/2012 14:30	1	TAL WSC	JB

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Laboratory Chronicle

Lab ID: LCS **Client ID:** N/A

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	LCS 240-64831/4		240-64831		11/13/2012 12:10	1	TAL NC	RQ
A:8260B/DoD	LCS 240-64831/4		240-64831		11/13/2012 12:10	1	TAL NC	RQ
A:8260B/DoD	LCS 240-64980/7		240-64980		11/14/2012 14:01	1	TAL NC	SM
A:8260B/DoD	LCS 240-65171/7		240-65171		11/15/2012 13:03	1	TAL NC	TL
P:3540C	LCS 240-65352/24-A		240-65876	240-65352	11/16/2012 11:50	1	TAL NC	CC
A:8270C/DoD	LCS 240-65352/24-A		240-65876	240-65352	11/21/2012 13:15	1	TAL NC	JG
P:3540C	LCS 240-65386/22-A		240-66702	240-65386	11/16/2012 13:26	1	TAL NC	CC
A:8270C/DoD	LCS 240-65386/22-A		240-66702	240-65386	11/29/2012 09:38	1	TAL NC	MU
P:5030B	LCS 240-65195/8		240-65195		11/15/2012 16:42	1	TAL NC	HMB
A:8015B	LCS 240-65195/8		240-65195		11/15/2012 16:42	1	TAL NC	HMB
A:8015B	LCS 240-65273/12		240-65273		11/16/2012 14:11	1	TAL NC	HMB
P:3540C	LCS 240-65399/6-A		240-65793	240-65399	11/16/2012 13:53	1	TAL NC	CC
A:8081/DOD	LCS 240-65399/6-A		240-65793	240-65399	11/20/2012 16:22	1	TAL NC	CV
P:3540C	LCS 240-65400/24-A		240-65670	240-65400	11/16/2012 13:56	1	TAL NC	CC
A:8082/DOD	LCS 240-65400/24-A		240-65670	240-65400	11/20/2012 09:34	1	TAL NC	LH
P:Sieve/Ultrasoni	LCS 320-6035/2-A		320-6340	320-6035	11/16/2012 11:29	1	TAL WSC	TP
A:8330 Modified	LCS 320-6035/2-A		320-6340	320-6035	11/26/2012 12:59	1	TAL WSC	RN
P:8330B	LCS 320-6026/2-A		320-6177	320-6026	11/16/2012 10:46	1	TAL WSC	TP
A:8330B	LCS 320-6026/2-A		320-6177	320-6026	11/20/2012 23:02	1	TAL WSC	RN
P:3050B	LCS 240-65145/2-A		240-65867	240-65145	11/15/2012 10:09	1	TAL NC	DE
A:6020/DOD	LCS 240-65145/2-A		240-65867	240-65145	11/20/2012 12:25	1	TAL NC	NJT
P:3050B	LCS 240-65198/2-A		240-66205	240-65198	11/15/2012 12:19	1	TAL NC	SG
A:6020/DOD	LCS 240-65198/2-A		240-66205	240-65198	11/23/2012 15:15	1	TAL NC	NJT
P:7471A	LCS 240-65191/2-A		240-65450	240-65191	11/15/2012 14:40	1	TAL NC	DE
A:7471/DOD	LCS 240-65191/2-A		240-65450	240-65191	11/16/2012 18:13	1	TAL NC	DH
P:7471A	LCS 240-65204/2-A		240-65450	240-65204	11/15/2012 14:40	1	TAL NC	SG
A:7471/DOD	LCS 240-65204/2-A		240-65450	240-65204	11/16/2012 19:00	1	TAL NC	DH
P:353 (NCell-Hyd)	LCS 320-6087/2-B		320-6287	320-6149	11/20/2012 06:48	1	TAL WSC	TP
A:WS-WC-0050	LCS 320-6087/2-B		320-6287	320-6149	11/21/2012 14:32	1	TAL WSC	JB

Client: Environmental Chemical Corp. Job Number: 240-17317-1

Laboratory Chronicle

Lab ID: MRL **Client ID:** N/A

Sample Date/Time: N/A Received Date/Time: N/A

Method	Bottle ID	Run	Analysis Batch	Prep Batch	Date Prepared / Analyzed	Dil	Lab	Analyst
P:5030B	MRL 240-64831/5		240-64831		11/13/2012 12:33	1	TAL NC	RQ
A:8260B/DoD	MRL 240-64831/5		240-64831		11/13/2012 12:33	1	TAL NC	RQ
P:5030B	MRL 240-64831/12		240-64831		11/13/2012 15:27	1	TAL NC	RQ
A:8260B/DoD	MRL 240-64831/12		240-64831		11/13/2012 15:27	1	TAL NC	RQ
A:8260B/DoD	MRL 240-64980/5		240-64980		11/14/2012 13:18	1	TAL NC	SM
A:8260B/DoD	MRL 240-64980/33		240-64980		11/14/2012 23:21	1	TAL NC	SM
A:8260B/DoD	MRL 240-65171/5		240-65171		11/15/2012 12:20	1	TAL NC	TL
A:8260B/DoD	MRL 240-65171/29		240-65171		11/15/2012 21:17	1	TAL NC	TL
A:8270C/DoD	MRL 240-65876/4		240-65876		11/21/2012 12:28	1	TAL NC	JG
A:8270C/DoD	MRL 240-65876/17		240-65876		11/21/2012 17:33	1	TAL NC	JG
A:8270C/DoD	MRL 240-66051/3		240-66051		11/23/2012 10:18	1	TAL NC	JG
A:8270C/DoD	MRL 240-66051/13		240-66051		11/23/2012 14:35	1	TAL NC	JG
A:8270C/DoD	MRL 240-66702/3		240-66702		11/29/2012 08:48	1	TAL NC	MU
A:8270C/DoD	MRL 240-66702/14		240-66702		11/29/2012 13:19	1	TAL NC	MU
A:8270C/DoD	MRL 240-67921/3		240-67921		12/10/2012 08:20	1	TAL NC	MU
A:8270C/DoD	MRL 240-67921/8		240-67921		12/10/2012 10:28	1	TAL NC	MU
A:8270C/DoD	MRL 240-68349/4		240-68349		12/12/2012 11:51	1	TAL NC	MU
A:8270C/DoD	MRL 240-68349/11		240-68349		12/12/2012 14:47	1	TAL NC	MU
A:8270C/DoD	MRL 240-68588/4		240-68588		12/13/2012 15:58	1	TAL NC	MU
A:8270C/DoD	MRL 240-68588/10		240-68588		12/13/2012 18:27	1	TAL NC	MU
A:8270C/DoD	MRL 240-68844/3		240-68844		12/15/2012 12:12	1	TAL NC	MU
A:8270C/DoD	MRL 240-68844/9		240-68844		12/15/2012 14:57	1	TAL NC	MU
P:5030B	MRL 240-65195/5		240-65195		11/15/2012 14:59	1	TAL NC	HMB
A:8015B	MRL 240-65195/5		240-65195		11/15/2012 14:59	1	TAL NC	HMB
P:5030B	MRL 240-65195/26		240-65195		11/16/2012 02:51	1	TAL NC	HMB
A:8015B	MRL 240-65195/26		240-65195		11/16/2012 02:51	1	TAL NC	HMB
A:8015B	MRL 240-65273/10		240-65273		11/16/2012 12:53	1	TAL NC	HMB
A:8015B	MRL 240-65273/21		240-65273		11/16/2012 20:13	1	TAL NC	HMB
A:8081/DOD	MRL 240-65793/16		240-65793		11/20/2012 13:51	1	TAL NC	CV
A:8081/DOD	MRL 240-65793/28		240-65793		11/20/2012 19:02	1	TAL NC	CV
A:8082/DOD	MRL 240-65670/10		240-65670		11/20/2012 04:15	1	TAL NC	LH
A:8082/DOD	MRL 240-65670/41		240-65670		11/20/2012 11:34	1	TAL NC	LH
A:8082/DOD	MRL 240-65670/48		240-65670		11/20/2012 13:25	1	TAL NC	LH
A:WS-WC-0050	MRL 320-6288/15		320-6288		11/21/2012 17:04	1	TAL WSC	JB
A:WS-WC-0050	MRL 320-6288/20		320-6288		11/21/2012 17:14	1	TAL WSC	JB
A:WS-WC-0050	MRL 320-6288/25		320-6288		11/21/2012 17:24	1	TAL WSC	JB
A:WS-WC-0050	MRL 320-6288/30		320-6288		11/21/2012 17:34	1	TAL WSC	JB
A:WS-WC-0050	MRL 320-6288/35		320-6288		11/21/2012 17:44	1	TAL WSC	JB
A:WS-WC-0050	MRL 320-6288/41		320-6288		11/21/2012 17:56	1	TAL WSC	JB

Lab References:

TAL NC = TestAmerica Canton

TAL WSC = TestAmerica West Sacramento

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
EX10PPMSPK_00006	01/25/13	07/25/12	MEOH, Lot 117046	1000 mL	EXPCB1016_00004	2 mL	Aroclor-1016	10 ug/mL
					EXPCB1260_00004	2 mL	Aroclor-1260	10 ug/mL
.EXPCB1016_00004	12/06/15	AccuStandard, Inc., Lot B5120059			(Purchased Reagent)		Aroclor-1016	5000 ug/mL
.EXPCB1260_00004	06/25/13	AccuStandard, Lot B3060258			(Purchased Reagent)		Aroclor-1260	5000 ug/mL
EX2/.2SURRW_00019	04/19/13	10/19/12	MEOH, Lot 123279	2000 mL	EX2/.2SURR_00002	2 mL	DCB Decachlorobiphenyl	0.2 ug/mL
							Tetrachloro-m-xylene	0.2 ug/mL
.EX2/.2SURR_00002	10/01/13	Ultra Scientific, Lot CG-3165			(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
EXBNALCS1_00029	06/30/13	10/26/12	MEOH, Lot 123279	200 mL	EXBNALCS_00009	40 mL	1,2,4-Trichlorobenzene	20 ug/mL
							1,2-Dichlorobenzene	20 ug/mL
							1,2-Dinitrobenzene	20 ug/mL
							1,2-Diphenylhydrazine	20 ug/mL
							1,3-Dichlorobenzene	20 ug/mL
							1,3-Dinitrobenzene	20 ug/mL
							1,4-Dichlorobenzene	20 ug/mL
							1,4-Dinitrobenzene	20 ug/mL
							1-Methylnaphthalene	20 ug/mL
							2,3,4,6-Tetrachlorophenol	20 ug/mL
							2,3,5,6-Tetrachlorophenol	20 ug/mL
							2,4,5-Trichlorophenol	20 ug/mL
							2,4,6-Trichlorophenol	20 ug/mL
							2,4-Dichlorophenol	20 ug/mL
							2,4-Dimethylphenol	20 ug/mL
							2,4-Dinitrophenol	20 ug/mL
							2,4-Dinitrotoluene	20 ug/mL
							2,6-Dinitrotoluene	20 ug/mL
							2-Chloronaphthalene	20 ug/mL
							2-Chlorophenol	20 ug/mL
							2-Methylnaphthalene	20 ug/mL
							2-Methylphenol	20 ug/mL
							2-Nitroaniline	20 ug/mL
							2-Nitrophenol	20 ug/mL
							3 & 4 Methylphenol	40 ug/mL
							3,3'-Dichlorobenzidine	20 ug/mL
							3-Nitroaniline	20 ug/mL
							4,6-Dinitro-2-methylphenol	20 ug/mL
							4-Bromophenyl phenyl ether	20 ug/mL
							4-Chloro-3-methylphenol	20 ug/mL
							4-Chloroaniline	20 ug/mL
							4-Chlorophenyl phenyl ether	20 ug/mL
							4-Nitroaniline	20 ug/mL
							4-Nitrophenol	20 ug/mL
							Acenaphthene	20 ug/mL
							Acenaphthylene	20 ug/mL
							Aniline	20.02 ug/mL
							Anthracene	20 ug/mL
							Azobenzene	20 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzo[a]anthracene	20 ug/mL
							Benzo[a]pyrene	20 ug/mL
							Benzo[b]fluoranthene	20 ug/mL
							Benzo[g,h,i]perylene	20 ug/mL
							Benzo[k]fluoranthene	20 ug/mL
							Benzoic acid	20 ug/mL
							Benzyl alcohol	20 ug/mL
							bis (2-chloroisopropyl) ether	20 ug/mL
							Bis(2-chloroethoxy)methane	20 ug/mL
							Bis(2-chloroethyl)ether	20 ug/mL
							Bis(2-ethylhexyl) phthalate	20 ug/mL
							Butyl benzyl phthalate	20 ug/mL
							Carbazole	20 ug/mL
							Chrysene	20 ug/mL
							Di(2-ethylhexyl)adipate	20 ug/mL
							Di-n-butyl phthalate	20 ug/mL
							Di-n-octyl phthalate	20 ug/mL
							Dibenz(a,h)anthracene	20 ug/mL
							Dibenzofuran	20 ug/mL
							Diethyl phthalate	20 ug/mL
							Dimethyl phthalate	20 ug/mL
							Fluoranthene	20 ug/mL
							Fluorene	20 ug/mL
							Hexachlorobenzene	20 ug/mL
							Hexachlorobutadiene	20 ug/mL
							Hexachlorocyclopentadiene	20 ug/mL
							Hexachloroethane	20 ug/mL
							Indeno[1,2,3-cd]pyrene	20 ug/mL
							Isophorone	20 ug/mL
							N-Nitrosodi-n-propylamine	20 ug/mL
							N-Nitrosodimethylamine	20.02 ug/mL
							N-Nitrosodiphenylamine	20 ug/mL
							Naphthalene	20 ug/mL
							Nitrobenzene	20 ug/mL
							Pentachlorophenol	20 ug/mL
							Phenanthrene	20 ug/mL
							Phenol	20 ug/mL
							Pyrene	20 ug/mL
							Pyridine	20 ug/mL
.EXBNALCS_00009	06/30/13		SUPELCO, Lot LB93716		(Purchased Reagent)		1,2,4-Trichlorobenzene	100 ug/mL
							1,2-Dichlorobenzene	100 ug/mL
							1,2-Dinitrobenzene	100 ug/mL
							1,2-Diphenylhydrazine	100 ug/mL
							1,3-Dichlorobenzene	100 ug/mL
							1,3-Dinitrobenzene	100 ug/mL
							1,4-Dichlorobenzene	100 ug/mL
							1,4-Dinitrobenzene	100 ug/mL
							1-Methylnaphthalene	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2,3,4,6-Tetrachlorophenol	100 ug/mL
							2,3,5,6-Tetrachlorophenol	100 ug/mL
							2,4,5-Trichlorophenol	100 ug/mL
							2,4,6-Trichlorophenol	100 ug/mL
							2,4-Dichlorophenol	100 ug/mL
							2,4-Dimethylphenol	100 ug/mL
							2,4-Dinitrophenol	100 ug/mL
							2,4-Dinitrotoluene	100 ug/mL
							2,6-Dinitrotoluene	100 ug/mL
							2-Chloronaphthalene	100 ug/mL
							2-Chlorophenol	100 ug/mL
							2-Methylnaphthalene	100 ug/mL
							2-Methylphenol	100 ug/mL
							2-Nitroaniline	100 ug/mL
							2-Nitrophenol	100 ug/mL
							3 & 4 Methylphenol	200 ug/mL
							3,3'-Dichlorobenzidine	100 ug/mL
							3-Nitroaniline	100 ug/mL
							4,6-Dinitro-2-methylphenol	100 ug/mL
							4-Bromophenyl phenyl ether	100 ug/mL
							4-Chloro-3-methylphenol	100 ug/mL
							4-Chloroaniline	100 ug/mL
							4-Chlorophenyl phenyl ether	100 ug/mL
							4-Nitroaniline	100 ug/mL
							4-Nitrophenol	100 ug/mL
							Acenaphthene	100 ug/mL
							Acenaphthylene	100 ug/mL
							Aniline	100.1 ug/mL
							Anthracene	100 ug/mL
							Azobenzene	100 ug/mL
							Benzo[a]anthracene	100 ug/mL
							Benzo[a]pyrene	100 ug/mL
							Benzo[b]fluoranthene	100 ug/mL
							Benzo[g,h,i]perylene	100 ug/mL
							Benzo[k]fluoranthene	100 ug/mL
							Benzoic acid	100 ug/mL
							Benzyl alcohol	100 ug/mL
							bis (2-chloroisopropyl) ether	100 ug/mL
							Bis(2-chloroethoxy)methane	100 ug/mL
							Bis(2-chloroethyl)ether	100 ug/mL
							Bis(2-ethylhexyl) phthalate	100 ug/mL
							Butyl benzyl phthalate	100 ug/mL
							Carbazole	100 ug/mL
							Chrysene	100 ug/mL
							Di(2-ethylhexyl)adipate	100 ug/mL
							Di-n-butyl phthalate	100 ug/mL
							Di-n-octyl phthalate	100 ug/mL
							Dibenz(a,h)anthracene	100 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Dibenzofuran	100 ug/mL
							Diethyl phthalate	100 ug/mL
							Dimethyl phthalate	100 ug/mL
							Fluoranthene	100 ug/mL
							Fluorene	100 ug/mL
							Hexachlorobenzene	100 ug/mL
							Hexachlorobutadiene	100 ug/mL
							Hexachlorocyclopentadiene	100 ug/mL
							Hexachloroethane	100 ug/mL
							Indeno[1,2,3-cd]pyrene	100 ug/mL
							Isophorone	100 ug/mL
							N-Nitrosodi-n-propylamine	100 ug/mL
							N-Nitrosodimethylamine	100.1 ug/mL
							N-Nitrosodiphenylamine	100 ug/mL
							Naphthalene	100 ug/mL
							Nitrobenzene	100 ug/mL
							Pentachlorophenol	100 ug/mL
							Phenanthrene	100 ug/mL
							Phenol	100 ug/mL
							Pyrene	100 ug/mL
							Pyridine	100 ug/mL
EXBNALCS1_00030	06/30/13	11/15/12	MEOH, Lot 123279	200 mL	EXBNALCS_00009	40 mL	1,2,4-Trichlorobenzene	20 ug/mL
							1,2-Dichlorobenzene	20 ug/mL
							1,2-Dinitrobenzene	20 ug/mL
							1,2-Diphenylhydrazine	20 ug/mL
							1,3-Dichlorobenzene	20 ug/mL
							1,3-Dinitrobenzene	20 ug/mL
							1,4-Dichlorobenzene	20 ug/mL
							1,4-Dinitrobenzene	20 ug/mL
							1-Methylnaphthalene	20 ug/mL
							2,3,4,6-Tetrachlorophenol	20 ug/mL
							2,3,5,6-Tetrachlorophenol	20 ug/mL
							2,4,5-Trichlorophenol	20 ug/mL
							2,4,6-Trichlorophenol	20 ug/mL
							2,4-Dichlorophenol	20 ug/mL
							2,4-Dimethylphenol	20 ug/mL
							2,4-Dinitrophenol	20 ug/mL
							2,4-Dinitrotoluene	20 ug/mL
							2,6-Dinitrotoluene	20 ug/mL
							2-Chloronaphthalene	20 ug/mL
							2-Chlorophenol	20 ug/mL
							2-Methylnaphthalene	20 ug/mL
							2-Methylphenol	20 ug/mL
							2-Nitroaniline	20 ug/mL
							2-Nitrophenol	20 ug/mL
							3 & 4 Methylphenol	40 ug/mL
							3,3'-Dichlorobenzidine	20 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							3-Nitroaniline	20 ug/mL
							4,6-Dinitro-2-methylphenol	20 ug/mL
							4-Bromophenyl phenyl ether	20 ug/mL
							4-Chloro-3-methylphenol	20 ug/mL
							4-Chloroaniline	20 ug/mL
							4-Chlorophenyl phenyl ether	20 ug/mL
							4-Nitroaniline	20 ug/mL
							4-Nitrophenol	20 ug/mL
							Acenaphthene	20 ug/mL
							Acenaphthylene	20 ug/mL
							Aniline	20.02 ug/mL
							Anthracene	20 ug/mL
							Azobenzene	20 ug/mL
							Benzo[a]anthracene	20 ug/mL
							Benzo[a]pyrene	20 ug/mL
							Benzo[b]fluoranthene	20 ug/mL
							Benzo[g,h,i]perylene	20 ug/mL
							Benzo[k]fluoranthene	20 ug/mL
							Benzoic acid	20 ug/mL
							Benzyl alcohol	20 ug/mL
							bis (2-chloroisopropyl) ether	20 ug/mL
							Bis(2-chloroethoxy)methane	20 ug/mL
							Bis(2-chloroethyl)ether	20 ug/mL
							Bis(2-ethylhexyl) phthalate	20 ug/mL
							Butyl benzyl phthalate	20 ug/mL
							Carbazole	20 ug/mL
							Chrysene	20 ug/mL
							Di(2-ethylhexyl)adipate	20 ug/mL
							Di-n-butyl phthalate	20 ug/mL
							Di-n-octyl phthalate	20 ug/mL
							Dibenz(a,h)anthracene	20 ug/mL
							Dibenzofuran	20 ug/mL
							Diethyl phthalate	20 ug/mL
							Dimethyl phthalate	20 ug/mL
							Fluoranthene	20 ug/mL
							Fluorene	20 ug/mL
							Hexachlorobenzene	20 ug/mL
							Hexachlorobutadiene	20 ug/mL
							Hexachlorocyclopentadiene	20 ug/mL
							Hexachloroethane	20 ug/mL
							Indeno[1,2,3-cd]pyrene	20 ug/mL
							Isophorone	20 ug/mL
							N-Nitrosodi-n-propylamine	20 ug/mL
							N-Nitrosodimethylamine	20.02 ug/mL
							N-Nitrosodiphenylamine	20 ug/mL
							Naphthalene	20 ug/mL
							Nitrobenzene	20 ug/mL
							Pentachlorophenol	20 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Phenanthrene	20 ug/mL
							Phenol	20 ug/mL
							Pyrene	20 ug/mL
							Pyridine	20 ug/mL
.EXBNALCS_00009	06/30/13		SUPELCO, Lot LB93716		(Purchased Reagent)		1,2,4-Trichlorobenzene	100 ug/mL
							1,2-Dichlorobenzene	100 ug/mL
							1,2-Dinitrobenzene	100 ug/mL
							1,2-Diphenylhydrazine	100 ug/mL
							1,3-Dichlorobenzene	100 ug/mL
							1,3-Dinitrobenzene	100 ug/mL
							1,4-Dichlorobenzene	100 ug/mL
							1,4-Dinitrobenzene	100 ug/mL
							1-Methylnaphthalene	100 ug/mL
							2,3,4,6-Tetrachlorophenol	100 ug/mL
							2,3,5,6-Tetrachlorophenol	100 ug/mL
							2,4,5-Trichlorophenol	100 ug/mL
							2,4,6-Trichlorophenol	100 ug/mL
							2,4-Dichlorophenol	100 ug/mL
							2,4-Dimethylphenol	100 ug/mL
							2,4-Dinitrophenol	100 ug/mL
							2,4-Dinitrotoluene	100 ug/mL
							2,6-Dinitrotoluene	100 ug/mL
							2-Chloronaphthalene	100 ug/mL
							2-Chlorophenol	100 ug/mL
							2-Methylnaphthalene	100 ug/mL
							2-Methylphenol	100 ug/mL
							2-Nitroaniline	100 ug/mL
							2-Nitrophenol	100 ug/mL
							3 & 4 Methylphenol	200 ug/mL
							3,3'-Dichlorobenzidine	100 ug/mL
							3-Nitroaniline	100 ug/mL
							4,6-Dinitro-2-methylphenol	100 ug/mL
							4-Bromophenyl phenyl ether	100 ug/mL
							4-Chloro-3-methylphenol	100 ug/mL
							4-Chloroaniline	100 ug/mL
							4-Chlorophenyl phenyl ether	100 ug/mL
							4-Nitroaniline	100 ug/mL
							4-Nitrophenol	100 ug/mL
							Acenaphthene	100 ug/mL
							Acenaphthylene	100 ug/mL
							Aniline	100.1 ug/mL
							Anthracene	100 ug/mL
							Azobenzene	100 ug/mL
							Benzo[a]anthracene	100 ug/mL
							Benzo[a]pyrene	100 ug/mL
							Benzo[b]fluoranthene	100 ug/mL
							Benzo[g,h,i]perylene	100 ug/mL
							Benzo[k]fluoranthene	100 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzoic acid	100 ug/mL
							Benzyl alcohol	100 ug/mL
							bis (2-chloroisopropyl) ether	100 ug/mL
							Bis(2-chloroethoxy)methane	100 ug/mL
							Bis(2-chloroethyl)ether	100 ug/mL
							Bis(2-ethylhexyl) phthalate	100 ug/mL
							Butyl benzyl phthalate	100 ug/mL
							Carbazole	100 ug/mL
							Chrysene	100 ug/mL
							Di(2-ethylhexyl)adipate	100 ug/mL
							Di-n-butyl phthalate	100 ug/mL
							Di-n-octyl phthalate	100 ug/mL
							Dibenz(a,h)anthracene	100 ug/mL
							Dibenzofuran	100 ug/mL
							Diethyl phthalate	100 ug/mL
							Dimethyl phthalate	100 ug/mL
							Fluoranthene	100 ug/mL
							Fluorene	100 ug/mL
							Hexachlorobenzene	100 ug/mL
							Hexachlorobutadiene	100 ug/mL
							Hexachlorocyclopentadiene	100 ug/mL
							Hexachloroethane	100 ug/mL
							Indeno[1,2,3-cd]pyrene	100 ug/mL
							Isophorone	100 ug/mL
							N-Nitrosodi-n-propylamine	100 ug/mL
							N-Nitrosodimethylamine	100.1 ug/mL
							N-Nitrosodiphenylamine	100 ug/mL
							Naphthalene	100 ug/mL
							Nitrobenzene	100 ug/mL
							Pentachlorophenol	100 ug/mL
							Phenanthrene	100 ug/mL
							Phenol	100 ug/mL
							Pyrene	100 ug/mL
							Pyridine	100 ug/mL
EXBNASURRW_00020	07/31/15	10/26/12	MEOH, Lot 123279	2000 mL	EXBNASURR_00007	400 mL	2,4,6-Tribromophenol (Surr)	30 ug/mL
							2-Fluorobiphenyl (Surr)	20 ug/mL
							2-Fluorophenol (Surr)	30 ug/mL
							Nitrobenzene-d5 (Surr)	20 ug/mL
							Phenol-d5 (Surr)	30 ug/mL
							Terphenyl-d14 (Surr)	20 ug/mL
.EXBNASURR_00007	07/31/15	SUPELCO, Lot lb88729			(Purchased Reagent)		2,4,6-Tribromophenol (Surr)	150 ug/mL
							2-Fluorobiphenyl (Surr)	100 ug/mL
							2-Fluorophenol (Surr)	150 ug/mL
							Nitrobenzene-d5 (Surr)	100 ug/mL
							Phenol-d5 (Surr)	150 ug/mL
							Terphenyl-d14 (Surr)	100 ug/mL
EXPSTNPDESSPW_00011	02/01/13	08/01/12	MEOH, Lot 117046	200 mL	EXPELCSSTOCK_00002	20 mL	4,4'-DDD	1 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4,4'-DDE	1 ug/mL
							4,4'-DDT	1 ug/mL
							Aldrin	1 ug/mL
							alpha-BHC	1 ug/mL
							alpha-Chlordane	1 ug/mL
							beta-BHC	1 ug/mL
							delta-BHC	1 ug/mL
							Dieldrin	1 ug/mL
							Endosulfan I	1 ug/mL
							Endosulfan II	1 ug/mL
							Endosulfan sulfate	1 ug/mL
							Endrin	1 ug/mL
							Endrin aldehyde	1 ug/mL
							Endrin ketone	1 ug/mL
							gamma-BHC (Lindane)	1 ug/mL
							gamma-Chlordane	1 ug/mL
							Heptachlor	1 ug/mL
							Heptachlor epoxide	1 ug/mL
							Methoxychlor	1 ug/mL
.EXPELCSSTOCK_00002	04/30/13	08/02/11	MEOH, Lot 117046	100 mL	EXPESTSTOCK_00005	1 mL	4,4'-DDD	10 ug/mL
							4,4'-DDE	10 ug/mL
							4,4'-DDT	10 ug/mL
							Aldrin	10 ug/mL
							alpha-BHC	10 ug/mL
							alpha-Chlordane	10 ug/mL
							beta-BHC	10 ug/mL
							delta-BHC	10 ug/mL
							Dieldrin	10 ug/mL
							Endosulfan I	10 ug/mL
							Endosulfan II	10 ug/mL
							Endosulfan sulfate	10 ug/mL
							Endrin	10 ug/mL
							Endrin aldehyde	10 ug/mL
							Endrin ketone	10 ug/mL
							gamma-BHC (Lindane)	10 ug/mL
							gamma-Chlordane	10 ug/mL
							Heptachlor	10 ug/mL
							Heptachlor epoxide	10 ug/mL
							Methoxychlor	10 ug/mL
..EXPESTSTOCK_00005	04/30/13		ULTRA, Lot CH-0689		(Purchased Reagent)		4,4'-DDD	1000 ug/mL
							4,4'-DDE	1000 ug/mL
							4,4'-DDT	1000 ug/mL
							Aldrin	1000 ug/mL
							alpha-BHC	1000 ug/mL
							alpha-Chlordane	1000 ug/mL
							beta-BHC	1000 ug/mL
							delta-BHC	1000 ug/mL
							Dieldrin	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Endosulfan I	1000 ug/mL
							Endosulfan II	1000 ug/mL
							Endosulfan sulfate	1000 ug/mL
							Endrin	1000 ug/mL
							Endrin aldehyde	1000 ug/mL
							Endrin ketone	1000 ug/mL
							gamma-BHC (Lindane)	1000 ug/mL
							gamma-Chlordane	1000 ug/mL
							Heptachlor	1000 ug/mL
							Heptachlor epoxide	1000 ug/mL
							Methoxychlor	1000 ug/mL
EXRESTEKSPKW_00016	12/20/12	10/26/12	MEOH, Lot 123279	200 mL	EXBNARESSPK_00006	40 mL	1,1'-Biphenyl	20 ug/mL
							1,4-Dioxane	20 ug/mL
							2-Picoline	20 ug/mL
							Acetophenone	20 ug/mL
							Atrazine	20 ug/mL
							Benzaldehyde	20 ug/mL
							Caprolactam	20 ug/mL
							Chloroacetophenone	20 ug/mL
							Chlorobenzilate	20 ug/mL
							Ethyl methanesulfonate	20 ug/mL
							Phenacetin	20 ug/mL
							Phorate	20 ug/mL
							Pronamide	20 ug/mL
							Quinoline	20 ug/mL
							Safrole, Total	20 ug/mL
.EXBNARESSPK_00006	12/13/13	Restek, Lot A089172			(Purchased Reagent)		1,1'-Biphenyl	100 ug/mL
							1,4-Dioxane	100 ug/mL
							2-Picoline	100 ug/mL
							Acetophenone	100 ug/mL
							Atrazine	100 ug/mL
							Benzaldehyde	100 ug/mL
							Caprolactam	100 ug/mL
							Chloroacetophenone	100 ug/mL
							Chlorobenzilate	100 ug/mL
							Ethyl methanesulfonate	100 ug/mL
							Phenacetin	100 ug/mL
							Phorate	100 ug/mL
							Pronamide	100 ug/mL
							Quinoline	100 ug/mL
							Safrole, Total	100 ug/mL
MT1TO1HN03_00376	11/15/12	11/15/12	DIWATER, Lot DI WATER	1000 mL	MTHNO3_00036	500 mL	Nitric acid	0.5 mL/mL
.MTHNO3_00036	10/26/14	Macron Chemicals, Lot L08022			(Purchased Reagent)		Nitric acid	100 %
MTAQUAREGIA_00392	11/15/12	11/15/12	NA, Lot NA	320 mL	MTHCL_00047	240 mL	Hydrogen Chloride	0.75 mL/mL
					MTHNO3_00036	80 mL	Nitric acid	0.25 mL/mL
.MTHCL_00047	11/12/14	Macron Chemical, Lot 0000013500			(Purchased Reagent)		Hydrogen Chloride	100 %
.MTHNO3_00036	10/26/14	Macron Chemicals, Lot L08022			(Purchased Reagent)		Nitric acid	100 %

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
MTH202_00012	11/30/13	Macron, Lot K45A06			(Purchased Reagent)		Hydrogen Peroxide	30 %
MTHCL_00047	11/12/14	Macron Chemical, Lot 0000013500			(Purchased Reagent)		Hydrogen Chloride	100 %
MTHGCALW_00280	11/15/12	11/15/12	DIWATER, Lot DIWATER	100 mL	MTHGCAL_00006	1 mL	Hg	100 ug/L
					MTHNO3_00036	0.15 mL	Nitric acid	1500000 ug/L
.MTHGCAL_00006	08/20/13	High Purity, Lot 1221902			(Purchased Reagent)		Hg	10 ug/mL
.MTHNO3_00036	10/26/14	Macron Chemicals, Lot L08022			(Purchased Reagent)		Nitric acid	100 %
MTHGICVW_00428	11/15/12	11/15/12	DIWATER, Lot DIWATER	100 mL	MTHgStd_00007	1 mL	Hg	500 ug/L
					MTHNO3_00035	0.15 mL	Nitric acid	1500000 ug/L
.MTHgStd_00007	02/16/14	CPI, Lot 10E072			(Purchased Reagent)		Hg	50 ug/mL
.MTHNO3_00035	10/09/14	Macron Chemicals, Lot L03021			(Purchased Reagent)		Nitric acid	100 %
MTHNO3_00036	10/26/14	Macron Chemicals, Lot L08022			(Purchased Reagent)		Nitric acid	100 %
MTICPMS2_00009	07/10/13	High Purity Standards, Lot 1218529			(Purchased Reagent)		Aluminum	1000 ug/mL
							Calcium	1000 ug/mL
							Iron	1000 ug/mL
							Magnesium	1000 ug/mL
							Potassium	1000 ug/mL
							Sodium	1000 ug/mL
MTICPMSA_00007	01/10/13	High Purity Standards, Lot 1102022			(Purchased Reagent)		Arsenic	10 ug/mL
							B	10 ug/mL
							Barium	10 ug/mL
							Beryllium	10 ug/mL
							Cadmium	10 ug/mL
							Chromium	10 ug/mL
							Cobalt	10 ug/mL
							Copper	10 ug/mL
							Lead	10 ug/mL
							Manganese	10 ug/mL
							Nickel	10 ug/mL
							Selenium	10 ug/mL
							Sr	10 ug/mL
							Thallium	10 ug/mL
							Vanadium	10 ug/mL
							Zinc	10 ug/mL
MTICPMSA_00010	09/11/13	High Purity Standards, Lot 1225405			(Purchased Reagent)		Arsenic	100 ug/mL
							Barium	100 ug/mL
							Beryllium	100 ug/mL
							Cadmium	100 ug/mL
							Chromium	100 ug/mL
							Cobalt	100 ug/mL
							Copper	100 ug/mL
							Lead	100 ug/mL
							Manganese	100 ug/mL
							Nickel	100 ug/mL
							Selenium	100 ug/mL
							Sr	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Thallium	25 ug/mL
							Vanadium	100 ug/mL
							Zinc	100 ug/mL
MTICPMSB_00007	01/10/13	High Purity Standards, Lot 1102023			(Purchased Reagent)		Antimony	10 ug/mL
							Mo	10 ug/mL
							Silver	10 ug/mL
							Sn	10 ug/mL
							Ti	10 ug/mL
							W	10 ug/mL
							Zr	10 ug/mL
MTICPMSB_00010	09/11/13	High Purity Standards, Lot 1225412			(Purchased Reagent)		Antimony	10 ug/mL
							B	10 ug/mL
							Mo	10 ug/mL
							Silver	10 ug/mL
							Sn	10 ug/mL
							Ti	10 ug/mL
							W	10 ug/mL
MTKMnO4Liq_00005	10/31/14	Ricca Chemical Company, Lot 2210830			(Purchased Reagent)		Potassium Permanganate	1 g
MTMSCAL2CCVW_00053	05/07/13	11/07/12	DIWATER, Lot DIWATER	500 mL	MTMSCAL3_00005	10 mL	Aluminum	500 ug/L
							Arsenic	100 ug/L
							Barium	100 ug/L
							Beryllium	100 ug/L
							Cadmium	100 ug/L
							Calcium	50000 ug/L
							Chromium	100 ug/L
							Cobalt	100 ug/L
							Copper	100 ug/L
							Iron	25000 ug/L
							Lead	100 ug/L
							Magnesium	50000 ug/L
							Manganese	500 ug/L
							Nickel	100 ug/L
							Potassium	50000 ug/L
							Selenium	100 ug/L
							Silver	100 ug/L
							Sodium	50000 ug/L
							Thallium	100 ug/L
							Vanadium	100 ug/L
							Zinc	100 ug/L
					MTMSCAL4_00006	10 mL	Antimony	100 ug/L
.MTMSCAL3_00005	08/01/13	INORGANIC VENTURES, Lot F2-MEB428149			(Purchased Reagent)		Aluminum	25 ug/mL
							Arsenic	5 ug/mL
							Barium	5 ug/mL
							Beryllium	5 ug/mL
							Cadmium	5 ug/mL
							Calcium	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chromium	5 ug/mL
							Cobalt	5 ug/mL
							Copper	5 ug/mL
							Iron	1250 ug/mL
							Lead	5 ug/mL
							Magnesium	2500 ug/mL
							Manganese	25 ug/mL
							Nickel	5 ug/mL
							Potassium	2500 ug/mL
							Selenium	5 ug/mL
							Silver	5 ug/mL
							Sodium	2500 ug/mL
							Thallium	5 ug/mL
							Vanadium	5 ug/mL
							Zinc	5 ug/mL
.MTMSCAL4_00006	08/01/13	INORGANIC VENTURES, Lot F2-MEB428150			(Purchased Reagent)		Antimony	5 ug/mL
MTMSCAL2CCVW_00054	05/29/13	11/29/12	DIWATER, Lot DIWATER	500 mL	MTMSCAL3_00005	10 mL	Aluminum	500 ug/L
							Arsenic	100 ug/L
							Barium	100 ug/L
							Beryllium	100 ug/L
							Cadmium	100 ug/L
							Calcium	50000 ug/L
							Chromium	100 ug/L
							Cobalt	100 ug/L
							Copper	100 ug/L
							Iron	25000 ug/L
							Lead	100 ug/L
							Magnesium	50000 ug/L
							Manganese	500 ug/L
							Nickel	100 ug/L
							Potassium	50000 ug/L
							Selenium	100 ug/L
							Silver	100 ug/L
							Sodium	50000 ug/L
							Thallium	100 ug/L
							Vanadium	100 ug/L
							Zinc	100 ug/L
					MTMSCAL4_00006	10 mL	Antimony	100 ug/L
.MTMSCAL3_00005	08/01/13	INORGANIC VENTURES, Lot F2-MEB428149			(Purchased Reagent)		Aluminum	25 ug/mL
							Arsenic	5 ug/mL
							Barium	5 ug/mL
							Beryllium	5 ug/mL
							Cadmium	5 ug/mL
							Calcium	2500 ug/mL
							Chromium	5 ug/mL
							Cobalt	5 ug/mL
							Copper	5 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Iron	1250 ug/mL
							Lead	5 ug/mL
							Magnesium	2500 ug/mL
							Manganese	25 ug/mL
							Nickel	5 ug/mL
							Potassium	2500 ug/mL
							Selenium	5 ug/mL
							Silver	5 ug/mL
							Sodium	2500 ug/mL
							Thallium	5 ug/mL
							Vanadium	5 ug/mL
							Zinc	5 ug/mL
.MTMSCAL4_00006	08/01/13	INORGANIC VENTURES, Lot F2-MEB428150			(Purchased Reagent)		Antimony	5 ug/mL
MTMSCAL3W_00016	03/28/13	09/28/12	DIWATER, Lot DIWATER	250 mL	MTMSCAL3_00005	10 mL	Aluminum	1000 ug/L
							Arsenic	200 ug/L
							Barium	200 ug/L
							Beryllium	200 ug/L
							Cadmium	200 ug/L
							Calcium	100000 ug/L
							Chromium	200 ug/L
							Cobalt	200 ug/L
							Copper	200 ug/L
							Iron	50000 ug/L
							Lead	200 ug/L
							Magnesium	100000 ug/L
							Manganese	1000 ug/L
							Nickel	200 ug/L
							Potassium	100000 ug/L
							Selenium	200 ug/L
							Silver	200 ug/L
							Sodium	100000 ug/L
							Thallium	200 ug/L
							Vanadium	200 ug/L
							Zinc	200 ug/L
.MTMSCAL3_00005	08/01/13	INORGANIC VENTURES, Lot F2-MEB428149			(Purchased Reagent)		Aluminum	25 ug/mL
							Arsenic	5 ug/mL
							Barium	5 ug/mL
							Beryllium	5 ug/mL
							Cadmium	5 ug/mL
							Calcium	2500 ug/mL
							Chromium	5 ug/mL
							Cobalt	5 ug/mL
							Copper	5 ug/mL
							Iron	1250 ug/mL
							Lead	5 ug/mL
							Magnesium	2500 ug/mL
							Manganese	25 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Nickel	5 ug/mL
							Potassium	2500 ug/mL
							Selenium	5 ug/mL
							Silver	5 ug/mL
							Sodium	2500 ug/mL
							Thallium	5 ug/mL
							Vanadium	5 ug/mL
							Zinc	5 ug/mL
MTMSCAL4W_00014	03/28/13	09/28/12	DIWATER, Lot DIWATER	250 mL	MTMSCAL4_00006	10 mL	Antimony	200 ug/L
.MTMSCAL4_00006	08/01/13	INORGANIC VENTURES, Lot F2-MEB428150			(Purchased Reagent)		Antimony	5 ug/mL
MTMSCRIW_00028	05/20/13	11/20/12	DIWATER, Lot DIWATER	200 mL	MTMSCRI_00004	1 mL	Aluminum	50 ug/L
							Antimony	2 ug/L
							Arsenic	2 ug/L
							Barium	1 ug/L
							Beryllium	1 ug/L
							Cadmium	0.5 ug/L
							Calcium	1000 ug/L
							Chromium	2 ug/L
							Cobalt	1 ug/L
							Copper	2 ug/L
							Iron	50 ug/L
							Lead	1 ug/L
							Magnesium	1000 ug/L
							Manganese	1 ug/L
							Nickel	2 ug/L
							Potassium	1000 ug/L
							Selenium	2 ug/L
							Silver	0.5 ug/L
							Sodium	1000 ug/L
							Thallium	1 ug/L
							Vanadium	5 ug/L
							Zinc	10 ug/L
.MTMSCRI_00004	09/28/13	HIGH PURITY STANDARDS, Lot 1226917			(Purchased Reagent)		Aluminum	10 ug/mL
							Antimony	0.4 ug/mL
							Arsenic	0.4 ug/mL
							Barium	0.2 ug/mL
							Beryllium	0.2 ug/mL
							Cadmium	0.1 ug/mL
							Calcium	200 ug/mL
							Chromium	0.4 ug/mL
							Cobalt	0.2 ug/mL
							Copper	0.4 ug/mL
							Iron	10 ug/mL
							Lead	0.2 ug/mL
							Magnesium	200 ug/mL
							Manganese	0.2 ug/mL
							Nickel	0.4 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Potassium	200 ug/mL
							Selenium	0.4 ug/mL
							Silver	0.1 ug/mL
							Sodium	200 ug/mL
							Thallium	0.2 ug/mL
							Vanadium	1 ug/mL
							Zinc	2 ug/mL
MTMSICSABW_00019	05/01/13	11/05/12	DIWATER, Lot DIWATER	200 mL	MTMSICSA_00007	10 mL	Aluminum	50000 ug/L
							Calcium	50000 ug/L
							Iron	50000 ug/L
							Magnesium	50000 ug/L
							Mo	1100 ug/L
							Potassium	50000 ug/L
							Sodium	50000 ug/L
					MTMSICSABSOLA_00003	1 mL	Arsenic	100 ug/L
							B	100 ug/L
							Barium	100 ug/L
							Beryllium	100 ug/L
							Cadmium	100 ug/L
							Chromium	100 ug/L
							Cobalt	100 ug/L
							Copper	100 ug/L
							Lead	100 ug/L
							Manganese	100 ug/L
							Nickel	100 ug/L
							Selenium	100 ug/L
							Sr	100 ug/L
							Thallium	100 ug/L
							Vanadium	100 ug/L
							Zinc	100 ug/L
					MTMSICSABSOLB_00003	1 mL	Antimony	100 ug/L
							Mo	1100 ug/L
							Silver	100 ug/L
							Sn	100 ug/L
.MTMSICSA_00007	05/01/13		INORGANIC VENTURES, Lot E2MEB371022		(Purchased Reagent)		Aluminum	1000 ug/mL
							Calcium	1000 ug/mL
							Iron	1000 ug/mL
							Magnesium	1000 ug/mL
							Mo	20 ug/mL
							Potassium	1000 ug/mL
							Sodium	1000 ug/mL
.MTMSICSABSOLA_00003	07/10/13		HIGH PURITY STANDARDS, Lot 1218526		(Purchased Reagent)		Arsenic	20 ug/mL
							B	20 ug/mL
							Barium	20 ug/mL
							Beryllium	20 ug/mL
							Cadmium	20 ug/mL
							Chromium	20 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Cobalt	20 ug/mL
							Copper	20 ug/mL
							Lead	20 ug/mL
							Manganese	20 ug/mL
							Nickel	20 ug/mL
							Selenium	20 ug/mL
							Sr	20 ug/mL
							Thallium	20 ug/mL
							Vanadium	20 ug/mL
							Zinc	20 ug/mL
.MTMSICSABSOLB_00003	07/10/13	HIGH PURITY STANDARDS, Lot 1218527			(Purchased Reagent)		Antimony	20 ug/mL
							Mo	20 ug/mL
							Silver	20 ug/mL
							Sn	20 ug/mL
MTMSICSAW_00019	04/09/13	10/09/12	DIWATER, Lot DIWATER	200 mL	MTMSICSA_00007	10 mL	Aluminum	50000 ug/L
							Calcium	50000 ug/L
							Iron	50000 ug/L
							Magnesium	50000 ug/L
							Mo	1000 ug/L
							Potassium	50000 ug/L
							Sodium	50000 ug/L
.MTMSICSA_00007	05/01/13	INORGANIC VENTURES, Lot E2MEB371022			(Purchased Reagent)		Aluminum	1000 ug/mL
							Calcium	1000 ug/mL
							Iron	1000 ug/mL
							Magnesium	1000 ug/mL
							Mo	20 ug/mL
							Potassium	1000 ug/mL
							Sodium	1000 ug/mL
MTMSICSAW_00020	05/01/13	11/07/12	DIWATER, Lot DIWATER	200 mL	MTMSICSA_00007	10 mL	Aluminum	50000 ug/L
							Calcium	50000 ug/L
							Iron	50000 ug/L
							Magnesium	50000 ug/L
							Mo	1000 ug/L
							Potassium	50000 ug/L
							Sodium	50000 ug/L
.MTMSICSA_00007	05/01/13	INORGANIC VENTURES, Lot E2MEB371022			(Purchased Reagent)		Aluminum	1000 ug/mL
							Calcium	1000 ug/mL
							Iron	1000 ug/mL
							Magnesium	1000 ug/mL
							Mo	20 ug/mL
							Potassium	1000 ug/mL
							Sodium	1000 ug/mL
MTMSICVW_00017	01/16/13	09/28/12	DIWATER, Lot DIWATER	250 mL	MTMSICV1_00003	10 mL	Aluminum	400 ug/L
							Arsenic	80 ug/L
							Barium	80 ug/L
							Beryllium	80 ug/L
							Cadmium	80 ug/L

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Calcium	40000 ug/L
							Chromium	80 ug/L
							Cobalt	80 ug/L
							Copper	80 ug/L
							Iron	20000 ug/L
							Lead	80 ug/L
							Magnesium	40000 ug/L
							Manganese	400 ug/L
							Nickel	80 ug/L
							Potassium	40000 ug/L
							Selenium	80 ug/L
							Silver	80 ug/L
							Sodium	40000 ug/L
							Thallium	80 ug/L
							Vanadium	80 ug/L
							Zinc	80 ug/L
					MTMSICV2_00003	10 mL	Antimony	80 ug/L
.MTMSICV1_00003	01/16/13	HIGH PURITY STANDARDS, Lot 1201317			(Purchased Reagent)		Aluminum	10 ug/mL
							Arsenic	2 ug/mL
							Barium	2 ug/mL
							Beryllium	2 ug/mL
							Cadmium	2 ug/mL
							Calcium	1000 ug/mL
							Chromium	2 ug/mL
							Cobalt	2 ug/mL
							Copper	2 ug/mL
							Iron	500 ug/mL
							Lead	2 ug/mL
							Magnesium	1000 ug/mL
							Manganese	10 ug/mL
							Nickel	2 ug/mL
							Potassium	1000 ug/mL
							Selenium	2 ug/mL
							Silver	2 ug/mL
							Sodium	1000 ug/mL
							Thallium	2 ug/mL
							Vanadium	2 ug/mL
							Zinc	2 ug/mL
.MTMSICV2_00003	07/10/13	HIGH PURITY STANDARDS, Lot 1218720			(Purchased Reagent)		Antimony	2 ug/mL
SG 1660 ICV_00003	07/03/13	07/03/12	HEXANE, Lot K42e19	10 mL	SG 1016 ICV_00004	1 mL	Aroclor-1016	10 ug/mL
					SG 1260 ICV_00005	1 mL	Aroclor-1260	10 ug/mL
.SG 1016 ICV_00004	03/31/17	ULTRA, Lot CF-0785			(Purchased Reagent)		Aroclor-1016	100 ug/mL
.SG 1260 ICV_00005	12/31/14	ULTRA, Lot CC-3829			(Purchased Reagent)		Aroclor-1260	100 ug/mL
SG1221ICV_00006	08/27/13	08/27/12	HEXANE, Lot L03E01	10 mL	SG 1221 ICV_00003	1 mL	Aroclor-1221	10000 ug/L
.SG 1221 ICV_00003	12/31/14	Ultra Scientific, Lot CB-1791z			(Purchased Reagent)		Aroclor-1221	100 ug/mL
SG1232@0.05PP_00005	12/05/12	06/05/12	HEXANE, Lot J42E19	100 mL	SG1232@10ppm_00002	0.5 mL	PCB-1232 Peak 1	0.05 ug/mL
							PCB-1232 Peak 2	0.05 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1232 Peak 3	0.05 ug/mL
							PCB-1232 Peak 4	0.05 ug/mL
							PCB-1232 Peak 5	0.05 ug/mL
.SG1232@10ppm_00002	12/08/12	12/08/11	HEXANE, Lot K14e23	100 mL	SGPCB1232STD_00004	1 mL	PCB-1232 Peak 1	10 ug/mL
							PCB-1232 Peak 2	10 ug/mL
							PCB-1232 Peak 3	10 ug/mL
							PCB-1232 Peak 4	10 ug/mL
							PCB-1232 Peak 5	10 ug/mL
..SGPCB1232STD_00004	06/09/14		restek, Lot a052599		(Purchased Reagent)		PCB-1232 Peak 1	1000 ug/mL
							PCB-1232 Peak 2	1000 ug/mL
							PCB-1232 Peak 3	1000 ug/mL
							PCB-1232 Peak 4	1000 ug/mL
							PCB-1232 Peak 5	1000 ug/mL
SG1232@0.1PPM_00004	12/05/12	06/05/12	HEXANE, Lot K42E19	100 mL	SG1232@10ppm_00002	1 mL	PCB-1232 Peak 1	0.1 ug/mL
							PCB-1232 Peak 2	0.1 ug/mL
							PCB-1232 Peak 3	0.1 ug/mL
							PCB-1232 Peak 4	0.1 ug/mL
							PCB-1232 Peak 5	0.1 ug/mL
.SG1232@10ppm_00002	12/08/12	12/08/11	HEXANE, Lot K14e23	100 mL	SGPCB1232STD_00004	1 mL	PCB-1232 Peak 1	10 ug/mL
							PCB-1232 Peak 2	10 ug/mL
							PCB-1232 Peak 3	10 ug/mL
							PCB-1232 Peak 4	10 ug/mL
							PCB-1232 Peak 5	10 ug/mL
..SGPCB1232STD_00004	06/09/14		restek, Lot a052599		(Purchased Reagent)		PCB-1232 Peak 1	1000 ug/mL
							PCB-1232 Peak 2	1000 ug/mL
							PCB-1232 Peak 3	1000 ug/mL
							PCB-1232 Peak 4	1000 ug/mL
							PCB-1232 Peak 5	1000 ug/mL
SG1232@0.2PPM_00004	12/05/12	06/05/12	HEXANE, Lot K42e19	100 mL	SG1232@10ppm_00002	2 mL	PCB-1232 Peak 1	0.2 ug/mL
							PCB-1232 Peak 2	0.2 ug/mL
							PCB-1232 Peak 3	0.2 ug/mL
							PCB-1232 Peak 4	0.2 ug/mL
							PCB-1232 Peak 5	0.2 ug/mL
.SG1232@10ppm_00002	12/08/12	12/08/11	HEXANE, Lot K14e23	100 mL	SGPCB1232STD_00004	1 mL	PCB-1232 Peak 1	10 ug/mL
							PCB-1232 Peak 2	10 ug/mL
							PCB-1232 Peak 3	10 ug/mL
							PCB-1232 Peak 4	10 ug/mL
							PCB-1232 Peak 5	10 ug/mL
..SGPCB1232STD_00004	06/09/14		restek, Lot a052599		(Purchased Reagent)		PCB-1232 Peak 1	1000 ug/mL
							PCB-1232 Peak 2	1000 ug/mL
							PCB-1232 Peak 3	1000 ug/mL
							PCB-1232 Peak 4	1000 ug/mL
							PCB-1232 Peak 5	1000 ug/mL
SG1232@0.5PPM_00008	12/08/12	07/12/12	HEXANE, Lot K42e19	100 mL	SG1232@10ppm_00002	5 mL	PCB-1232 Peak 1	0.5 ug/mL
							PCB-1232 Peak 2	0.5 ug/mL
							PCB-1232 Peak 3	0.5 ug/mL
							PCB-1232 Peak 4	0.5 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1232 Peak 5	0.5 ug/mL
.SG1232@10ppm_00002	12/08/12	12/08/11	HEXANE, Lot K14e23	100 mL	SGPCB1232STD_00004	1 mL	PCB-1232 Peak 1	10 ug/mL
							PCB-1232 Peak 2	10 ug/mL
							PCB-1232 Peak 3	10 ug/mL
							PCB-1232 Peak 4	10 ug/mL
							PCB-1232 Peak 5	10 ug/mL
..SGPCB1232STD_00004	06/09/14		restek, Lot a052599		(Purchased Reagent)		PCB-1232 Peak 1	1000 ug/mL
							PCB-1232 Peak 2	1000 ug/mL
							PCB-1232 Peak 3	1000 ug/mL
							PCB-1232 Peak 4	1000 ug/mL
							PCB-1232 Peak 5	1000 ug/mL
SG1232@1.0PPM_00004	12/05/12	06/05/12	HEXANE, Lot K42E19	100 mL	SG1232@10ppm_00002	10 mL	PCB-1232 Peak 1	1 ug/mL
							PCB-1232 Peak 2	1 ug/mL
							PCB-1232 Peak 3	1 ug/mL
							PCB-1232 Peak 4	1 ug/mL
							PCB-1232 Peak 5	1 ug/mL
.SG1232@10ppm_00002	12/08/12	12/08/11	HEXANE, Lot K14e23	100 mL	SGPCB1232STD_00004	1 mL	PCB-1232 Peak 1	10 ug/mL
							PCB-1232 Peak 2	10 ug/mL
							PCB-1232 Peak 3	10 ug/mL
							PCB-1232 Peak 4	10 ug/mL
							PCB-1232 Peak 5	10 ug/mL
..SGPCB1232STD_00004	06/09/14		restek, Lot a052599		(Purchased Reagent)		PCB-1232 Peak 1	1000 ug/mL
							PCB-1232 Peak 2	1000 ug/mL
							PCB-1232 Peak 3	1000 ug/mL
							PCB-1232 Peak 4	1000 ug/mL
							PCB-1232 Peak 5	1000 ug/mL
SG1232@2.0PPM_00004	12/05/12	06/05/12	HEXANE, Lot K42E19	100 mL	SG1232@10ppm_00002	20 mL	PCB-1232 Peak 1	2 ug/mL
							PCB-1232 Peak 2	2 ug/mL
							PCB-1232 Peak 3	2 ug/mL
							PCB-1232 Peak 4	2 ug/mL
							PCB-1232 Peak 5	2 ug/mL
.SG1232@10ppm_00002	12/08/12	12/08/11	HEXANE, Lot K14e23	100 mL	SGPCB1232STD_00004	1 mL	PCB-1232 Peak 1	10 ug/mL
							PCB-1232 Peak 2	10 ug/mL
							PCB-1232 Peak 3	10 ug/mL
							PCB-1232 Peak 4	10 ug/mL
							PCB-1232 Peak 5	10 ug/mL
..SGPCB1232STD_00004	06/09/14		restek, Lot a052599		(Purchased Reagent)		PCB-1232 Peak 1	1000 ug/mL
							PCB-1232 Peak 2	1000 ug/mL
							PCB-1232 Peak 3	1000 ug/mL
							PCB-1232 Peak 4	1000 ug/mL
							PCB-1232 Peak 5	1000 ug/mL
SG1232ICV_00003	05/16/13	05/16/12	HEXANE, Lot K42E19	10 mL	SG 1232 ICV_00003	1 mL	Aroclor-1232	10 ug/mL
.SG 1232 ICV_00003	10/31/14		Ultra Scientific, Lot CG-3213		(Purchased Reagent)		Aroclor-1232	100 ug/mL
SG1242@.05ppm_00004	01/03/13	07/03/12	HEXANE, Lot k142e19	100 mL	SG1242@10ppm_00002	0.5 mL	PCB-1242 Peak 1	0.05 ug/mL
							PCB-1242 Peak 2	0.05 ug/mL
							PCB-1242 Peak 3	0.05 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1242 Peak 4	0.05 ug/mL
							PCB-1242 Peak 5	0.05 ug/mL
.SG1242@10ppm_00002	01/05/13	01/05/12	HEXANE, Lot K14e23	100 mL	SG1242_00002	1 mL	PCB-1242 Peak 1	10 ug/mL
							PCB-1242 Peak 2	10 ug/mL
							PCB-1242 Peak 3	10 ug/mL
							PCB-1242 Peak 4	10 ug/mL
							PCB-1242 Peak 5	10 ug/mL
..SG1242_00002	07/31/16		Restek, Lot A068369		(Purchased Reagent)		PCB-1242 Peak 1	1000 ug/mL
							PCB-1242 Peak 2	1000 ug/mL
							PCB-1242 Peak 3	1000 ug/mL
							PCB-1242 Peak 4	1000 ug/mL
							PCB-1242 Peak 5	1000 ug/mL
SG1242@0.1ppm_00004	01/03/13	07/03/12	HEXANE, Lot K42e19	100 mL	SG1242@10ppm_00002	1 mL	PCB-1242 Peak 1	0.1 ug/mL
							PCB-1242 Peak 2	0.1 ug/mL
							PCB-1242 Peak 3	0.1 ug/mL
							PCB-1242 Peak 4	0.1 ug/mL
							PCB-1242 Peak 5	0.1 ug/mL
.SG1242@10ppm_00002	01/05/13	01/05/12	HEXANE, Lot K14e23	100 mL	SG1242_00002	1 mL	PCB-1242 Peak 1	10 ug/mL
							PCB-1242 Peak 2	10 ug/mL
							PCB-1242 Peak 3	10 ug/mL
							PCB-1242 Peak 4	10 ug/mL
							PCB-1242 Peak 5	10 ug/mL
..SG1242_00002	07/31/16		Restek, Lot A068369		(Purchased Reagent)		PCB-1242 Peak 1	1000 ug/mL
							PCB-1242 Peak 2	1000 ug/mL
							PCB-1242 Peak 3	1000 ug/mL
							PCB-1242 Peak 4	1000 ug/mL
							PCB-1242 Peak 5	1000 ug/mL
SG1242@0.2ppm_00004	01/03/13	07/03/12	HEXANE, Lot K42e19	100 mL	SG1242@10ppm_00002	2 mL	PCB-1242 Peak 1	0.2 ug/mL
							PCB-1242 Peak 2	0.2 ug/mL
							PCB-1242 Peak 3	0.2 ug/mL
							PCB-1242 Peak 4	0.2 ug/mL
							PCB-1242 Peak 5	0.2 ug/mL
.SG1242@10ppm_00002	01/05/13	01/05/12	HEXANE, Lot K14e23	100 mL	SG1242_00002	1 mL	PCB-1242 Peak 1	10 ug/mL
							PCB-1242 Peak 2	10 ug/mL
							PCB-1242 Peak 3	10 ug/mL
							PCB-1242 Peak 4	10 ug/mL
							PCB-1242 Peak 5	10 ug/mL
..SG1242_00002	07/31/16		Restek, Lot A068369		(Purchased Reagent)		PCB-1242 Peak 1	1000 ug/mL
							PCB-1242 Peak 2	1000 ug/mL
							PCB-1242 Peak 3	1000 ug/mL
							PCB-1242 Peak 4	1000 ug/mL
							PCB-1242 Peak 5	1000 ug/mL
SG1242@0.5ppm_00006	01/03/13	07/03/12	HEXANE, Lot K42e19	100 mL	SG1242@10ppm_00002	5 mL	PCB-1242 Peak 1	0.5 ug/mL
							PCB-1242 Peak 2	0.5 ug/mL
							PCB-1242 Peak 3	0.5 ug/mL
							PCB-1242 Peak 4	0.5 ug/mL
							PCB-1242 Peak 5	0.5 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
.SG1242@10ppm_00002	01/05/13	01/05/12	HEXANE, Lot K14e23	100 mL	SG1242_00002	1 mL	PCB-1242 Peak 1	10 ug/mL
							PCB-1242 Peak 2	10 ug/mL
							PCB-1242 Peak 3	10 ug/mL
							PCB-1242 Peak 4	10 ug/mL
							PCB-1242 Peak 5	10 ug/mL
..SG1242_00002	07/31/16		Restek, Lot A068369		(Purchased Reagent)		PCB-1242 Peak 1	1000 ug/mL
							PCB-1242 Peak 2	1000 ug/mL
							PCB-1242 Peak 3	1000 ug/mL
							PCB-1242 Peak 4	1000 ug/mL
							PCB-1242 Peak 5	1000 ug/mL
SG1242@1.0ppm_00004	01/03/13	07/03/12	HEXANE, Lot K42e19	100 mL	SG1242@10ppm_00002	10 mL	PCB-1242 Peak 1	1 ug/mL
							PCB-1242 Peak 2	1 ug/mL
							PCB-1242 Peak 3	1 ug/mL
							PCB-1242 Peak 4	1 ug/mL
							PCB-1242 Peak 5	1 ug/mL
.SG1242@10ppm_00002	01/05/13	01/05/12	HEXANE, Lot K14e23	100 mL	SG1242_00002	1 mL	PCB-1242 Peak 1	10 ug/mL
							PCB-1242 Peak 2	10 ug/mL
							PCB-1242 Peak 3	10 ug/mL
							PCB-1242 Peak 4	10 ug/mL
							PCB-1242 Peak 5	10 ug/mL
..SG1242_00002	07/31/16		Restek, Lot A068369		(Purchased Reagent)		PCB-1242 Peak 1	1000 ug/mL
							PCB-1242 Peak 2	1000 ug/mL
							PCB-1242 Peak 3	1000 ug/mL
							PCB-1242 Peak 4	1000 ug/mL
							PCB-1242 Peak 5	1000 ug/mL
SG1242@2.0ppm_00004	01/03/13	07/03/12	HEXANE, Lot K42e19	100 mL	SG1242@10ppm_00002	20 mL	PCB-1242 Peak 1	2 ug/mL
							PCB-1242 Peak 2	2 ug/mL
							PCB-1242 Peak 3	2 ug/mL
							PCB-1242 Peak 4	2 ug/mL
							PCB-1242 Peak 5	2 ug/mL
.SG1242@10ppm_00002	01/05/13	01/05/12	HEXANE, Lot K14e23	100 mL	SG1242_00002	1 mL	PCB-1242 Peak 1	10 ug/mL
							PCB-1242 Peak 2	10 ug/mL
							PCB-1242 Peak 3	10 ug/mL
							PCB-1242 Peak 4	10 ug/mL
							PCB-1242 Peak 5	10 ug/mL
..SG1242_00002	07/31/16		Restek, Lot A068369		(Purchased Reagent)		PCB-1242 Peak 1	1000 ug/mL
							PCB-1242 Peak 2	1000 ug/mL
							PCB-1242 Peak 3	1000 ug/mL
							PCB-1242 Peak 4	1000 ug/mL
							PCB-1242 Peak 5	1000 ug/mL
SG1242ICV_00003	08/09/13	08/09/12	HEXANE, Lot L08E17	10 mL	SG 1242 ICV_00003	1 mL	Aroclor-1242	10 ug/mL
.SG 1242 ICV_00003	09/30/19		Ultra Scientific, Lot CH-2711		(Purchased Reagent)		Aroclor-1242	100 ug/mL
SG1248@.05ppm_00006	01/04/13	07/04/12	HEXANE, Lot K42E19	100 mL	SG1248@10ppm_00003	0.5 mL	PCB-1248 Peak 1	0.05 ug/mL
							PCB-1248 Peak 2	0.05 ug/mL
							PCB-1248 Peak 3	0.05 ug/mL
							PCB-1248 Peak 4	0.05 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1248 Peak 5	0.05 ug/mL
.SG1248@10ppm_00003	01/05/13	01/05/12	Hexane, Lot K14e23	100 mL	SG1248_00001	1 mL	PCB-1248 Peak 1	10 ug/mL
							PCB-1248 Peak 2	10 ug/mL
							PCB-1248 Peak 3	10 ug/mL
							PCB-1248 Peak 4	10 ug/mL
							PCB-1248 Peak 5	10 ug/mL
..SG1248_00001	04/20/15		Restek, Lot A059172		(Purchased Reagent)		PCB-1248 Peak 1	1000 ug/mL
							PCB-1248 Peak 2	1000 ug/mL
							PCB-1248 Peak 3	1000 ug/mL
							PCB-1248 Peak 4	1000 ug/mL
							PCB-1248 Peak 5	1000 ug/mL
SG1248@0.1PPM_00005	01/04/13	07/04/12	HEXANE, Lot k42E19	100 mL	SG1248@10ppm_00003	1 mL	PCB-1248 Peak 1	0.1 ug/mL
							PCB-1248 Peak 2	0.1 ug/mL
							PCB-1248 Peak 3	0.1 ug/mL
							PCB-1248 Peak 4	0.1 ug/mL
							PCB-1248 Peak 5	0.1 ug/mL
.SG1248@10ppm_00003	01/05/13	01/05/12	Hexane, Lot K14e23	100 mL	SG1248_00001	1 mL	PCB-1248 Peak 1	10 ug/mL
							PCB-1248 Peak 2	10 ug/mL
							PCB-1248 Peak 3	10 ug/mL
							PCB-1248 Peak 4	10 ug/mL
							PCB-1248 Peak 5	10 ug/mL
..SG1248_00001	04/20/15		Restek, Lot A059172		(Purchased Reagent)		PCB-1248 Peak 1	1000 ug/mL
							PCB-1248 Peak 2	1000 ug/mL
							PCB-1248 Peak 3	1000 ug/mL
							PCB-1248 Peak 4	1000 ug/mL
							PCB-1248 Peak 5	1000 ug/mL
SG1248@0.2ppm_00005	01/04/13	07/04/12	HEXANE, Lot K42E19	100 mL	SG1248@10ppm_00003	2 mL	PCB-1248 Peak 1	0.2 ug/mL
							PCB-1248 Peak 2	0.2 ug/mL
							PCB-1248 Peak 3	0.2 ug/mL
							PCB-1248 Peak 4	0.2 ug/mL
							PCB-1248 Peak 5	0.2 ug/mL
.SG1248@10ppm_00003	01/05/13	01/05/12	Hexane, Lot K14e23	100 mL	SG1248_00001	1 mL	PCB-1248 Peak 1	10 ug/mL
							PCB-1248 Peak 2	10 ug/mL
							PCB-1248 Peak 3	10 ug/mL
							PCB-1248 Peak 4	10 ug/mL
							PCB-1248 Peak 5	10 ug/mL
..SG1248_00001	04/20/15		Restek, Lot A059172		(Purchased Reagent)		PCB-1248 Peak 1	1000 ug/mL
							PCB-1248 Peak 2	1000 ug/mL
							PCB-1248 Peak 3	1000 ug/mL
							PCB-1248 Peak 4	1000 ug/mL
							PCB-1248 Peak 5	1000 ug/mL
SG1248@0.5ppm_00006	01/04/13	07/04/12	HEXANE, Lot K42e19	100 mL	SG1248@10ppm_00003	5 mL	PCB-1248 Peak 1	0.5 ug/mL
							PCB-1248 Peak 2	0.5 ug/mL
							PCB-1248 Peak 3	0.5 ug/mL
							PCB-1248 Peak 4	0.5 ug/mL
							PCB-1248 Peak 5	0.5 ug/mL
.SG1248@10ppm_00003	01/05/13	01/05/12	Hexane, Lot K14e23	100 mL	SG1248_00001	1 mL	PCB-1248 Peak 1	10 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1248 Peak 2	10 ug/mL
							PCB-1248 Peak 3	10 ug/mL
							PCB-1248 Peak 4	10 ug/mL
							PCB-1248 Peak 5	10 ug/mL
..SG1248_00001	04/20/15	Restek, Lot A059172			(Purchased Reagent)		PCB-1248 Peak 1	1000 ug/mL
							PCB-1248 Peak 2	1000 ug/mL
							PCB-1248 Peak 3	1000 ug/mL
							PCB-1248 Peak 4	1000 ug/mL
							PCB-1248 Peak 5	1000 ug/mL
SG1248@1.0ppm_00004	01/04/13	07/04/12	HEXANE, Lot K42e19	100 mL	SG1248@10ppm_00003	10 mL	PCB-1248 Peak 1	1 ug/mL
							PCB-1248 Peak 2	1 ug/mL
							PCB-1248 Peak 3	1 ug/mL
							PCB-1248 Peak 4	1 ug/mL
							PCB-1248 Peak 5	1 ug/mL
.SG1248@10ppm_00003	01/05/13	01/05/12	Hexane, Lot K14e23	100 mL	SG1248_00001	1 mL	PCB-1248 Peak 1	10 ug/mL
							PCB-1248 Peak 2	10 ug/mL
							PCB-1248 Peak 3	10 ug/mL
							PCB-1248 Peak 4	10 ug/mL
							PCB-1248 Peak 5	10 ug/mL
..SG1248_00001	04/20/15	Restek, Lot A059172			(Purchased Reagent)		PCB-1248 Peak 1	1000 ug/mL
							PCB-1248 Peak 2	1000 ug/mL
							PCB-1248 Peak 3	1000 ug/mL
							PCB-1248 Peak 4	1000 ug/mL
							PCB-1248 Peak 5	1000 ug/mL
SG1248@2.0ppm_00004	01/04/13	07/04/12	HEXANE, Lot K42e19	100 mL	SG1248@10ppm_00003	20 mL	PCB-1248 Peak 1	2 ug/mL
							PCB-1248 Peak 2	2 ug/mL
							PCB-1248 Peak 3	2 ug/mL
							PCB-1248 Peak 4	2 ug/mL
							PCB-1248 Peak 5	2 ug/mL
.SG1248@10ppm_00003	01/05/13	01/05/12	Hexane, Lot K14e23	100 mL	SG1248_00001	1 mL	PCB-1248 Peak 1	10 ug/mL
							PCB-1248 Peak 2	10 ug/mL
							PCB-1248 Peak 3	10 ug/mL
							PCB-1248 Peak 4	10 ug/mL
							PCB-1248 Peak 5	10 ug/mL
..SG1248_00001	04/20/15	Restek, Lot A059172			(Purchased Reagent)		PCB-1248 Peak 1	1000 ug/mL
							PCB-1248 Peak 2	1000 ug/mL
							PCB-1248 Peak 3	1000 ug/mL
							PCB-1248 Peak 4	1000 ug/mL
							PCB-1248 Peak 5	1000 ug/mL
SG1248ICV_00005	02/20/13	02/20/12	HEXANE, Lot K29E03	10 mL	SG 1248 ICV_00003	1 mL	Aroclor-1248	10 ug/mL
.SG 1248 ICV_00003	11/30/19	Ultra Scientific, Lot CH-3256			(Purchased Reagent)		Aroclor-1248	100 ug/mL
SG1254ICV_00004	02/22/13	02/22/12	HEXANE, Lot K29e03	10 mL	SG 1254 ICV_00003	1 mL	Aroclor-1254	10 ug/mL
.SG 1254 ICV_00003	05/31/17	Ultra Scientific, Lot CF-1469			(Purchased Reagent)		Aroclor-1254	100 ug/mL
SG1660@.05PPM_00005	03/03/13	09/03/12	HEXANE, Lot 0000013019	100 mL	SG1016/1260_00005	0.5 mL	Aroclor-1016	0.05 ug/mL
							Aroclor-1260	0.05 ug/mL
							PCB-1016 Peak 1	0.05 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1016 Peak 2	0.05 ug/mL
							PCB-1016 Peak 3	0.05 ug/mL
							PCB-1016 Peak 4	0.05 ug/mL
							PCB-1016 Peak 5	0.05 ug/mL
							PCB-1260 Peak 1	0.05 ug/mL
							PCB-1260 Peak 2	0.05 ug/mL
							PCB-1260 Peak 3	0.05 ug/mL
							PCB-1260 Peak 4	0.05 ug/mL
							PCB-1260 Peak 5	0.05 ug/mL
					SGPCGSURRSTK_00003	0.125 mL	DCB Decachlorobiphenyl	0.0025 ug/mL
							Tetrachloro-m-xylene	0.0025 ug/mL
.SG1016/1260_00005	05/30/13	05/30/12	HEXANE, Lot K42e19	100 mL	SG1016/1260MX_00004	1 mL	Aroclor-1016	10 ug/mL
							Aroclor-1260	10 ug/mL
							PCB-1016 Peak 1	10 ug/mL
							PCB-1016 Peak 2	10 ug/mL
							PCB-1016 Peak 3	10 ug/mL
							PCB-1016 Peak 4	10 ug/mL
							PCB-1016 Peak 5	10 ug/mL
							PCB-1260 Peak 1	10 ug/mL
							PCB-1260 Peak 2	10 ug/mL
							PCB-1260 Peak 3	10 ug/mL
							PCB-1260 Peak 4	10 ug/mL
							PCB-1260 Peak 5	10 ug/mL
..SG1016/1260MX_00004	08/31/18	Restek, Lot a082781			(Purchased Reagent)		Aroclor-1016	1000 ug/mL
							Aroclor-1260	1000 ug/mL
							PCB-1016 Peak 1	1000 ug/mL
							PCB-1016 Peak 2	1000 ug/mL
							PCB-1016 Peak 3	1000 ug/mL
							PCB-1016 Peak 4	1000 ug/mL
							PCB-1016 Peak 5	1000 ug/mL
							PCB-1260 Peak 1	1000 ug/mL
							PCB-1260 Peak 2	1000 ug/mL
							PCB-1260 Peak 3	1000 ug/mL
							PCB-1260 Peak 4	1000 ug/mL
							PCB-1260 Peak 5	1000 ug/mL
.SGPCGSURRSTK_00003	08/31/13	08/31/12	HEXANE, Lot L03E01	100 mL	SGPCBSURRMX_00004	1 mL	DCB Decachlorobiphenyl	2 ug/mL
							Tetrachloro-m-xylene	2 ug/mL
..SGPCBSURRMX_00004	07/31/16	restek, Lot a065184			(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
SG1660@0.2ppm_00005	03/03/13	09/03/12	HEXANE, Lot 0000013019	100 mL	SG1016/1260_00005	2 mL	PCB-1016 Peak 1	0.2 ug/mL
							PCB-1016 Peak 2	0.2 ug/mL
							PCB-1016 Peak 3	0.2 ug/mL
							PCB-1016 Peak 4	0.2 ug/mL
							PCB-1016 Peak 5	0.2 ug/mL
							PCB-1260 Peak 1	0.2 ug/mL
							PCB-1260 Peak 2	0.2 ug/mL
							PCB-1260 Peak 3	0.2 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1260 Peak 4	0.2 ug/mL
							PCB-1260 Peak 5	0.2 ug/mL
					SGPCGSURRSTK_00003	0.5 mL	DCB Decachlorobiphenyl	0.01 ug/mL
							Tetrachloro-m-xylene	0.01 ug/mL
.SG1016/1260_00005	05/30/13	05/30/12	HEXANE, Lot K42e19	100 mL	SG1016/1260MX_00004	1 mL	PCB-1016 Peak 1	10 ug/mL
							PCB-1016 Peak 2	10 ug/mL
							PCB-1016 Peak 3	10 ug/mL
							PCB-1016 Peak 4	10 ug/mL
							PCB-1016 Peak 5	10 ug/mL
							PCB-1260 Peak 1	10 ug/mL
							PCB-1260 Peak 2	10 ug/mL
							PCB-1260 Peak 3	10 ug/mL
							PCB-1260 Peak 4	10 ug/mL
							PCB-1260 Peak 5	10 ug/mL
..SG1016/1260MX_00004	08/31/18	Restek, Lot a082781			(Purchased Reagent)		PCB-1016 Peak 1	1000 ug/mL
							PCB-1016 Peak 2	1000 ug/mL
							PCB-1016 Peak 3	1000 ug/mL
							PCB-1016 Peak 4	1000 ug/mL
							PCB-1016 Peak 5	1000 ug/mL
							PCB-1260 Peak 1	1000 ug/mL
							PCB-1260 Peak 2	1000 ug/mL
							PCB-1260 Peak 3	1000 ug/mL
							PCB-1260 Peak 4	1000 ug/mL
							PCB-1260 Peak 5	1000 ug/mL
.SGPCGSURRSTK_00003	08/31/13	08/31/12	HEXANE, Lot L03E01	100 mL	SGPCBSURRMX_00004	1 mL	DCB Decachlorobiphenyl	2 ug/mL
							Tetrachloro-m-xylene	2 ug/mL
..SGPCBSURRMX_00004	07/31/16	restek, Lot a065184			(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
SG1660@0.5PPM_00012	03/03/13	09/03/12	HEXANE, Lot 0000013019	200 mL	SG1016/1260_00005	10 mL	Aroclor-1016	0.5 ug/mL
							Aroclor-1260	0.5 ug/mL
							PCB-1016 Peak 1	0.5 ug/mL
							PCB-1016 Peak 2	0.5 ug/mL
							PCB-1016 Peak 3	0.5 ug/mL
							PCB-1016 Peak 4	0.5 ug/mL
							PCB-1016 Peak 5	0.5 ug/mL
							PCB-1260 Peak 1	0.5 ug/mL
							PCB-1260 Peak 2	0.5 ug/mL
							PCB-1260 Peak 3	0.5 ug/mL
							PCB-1260 Peak 4	0.5 ug/mL
							PCB-1260 Peak 5	0.5 ug/mL
					SGPCGSURRSTK_00003	2.5 mL	DCB Decachlorobiphenyl	0.025 ug/mL
							Tetrachloro-m-xylene	0.025 ug/mL
.SG1016/1260_00005	05/30/13	05/30/12	HEXANE, Lot K42e19	100 mL	SG1016/1260MX_00004	1 mL	Aroclor-1016	10 ug/mL
							Aroclor-1260	10 ug/mL
							PCB-1016 Peak 1	10 ug/mL
							PCB-1016 Peak 2	10 ug/mL
							PCB-1016 Peak 3	10 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1016 Peak 4	10 ug/mL
							PCB-1016 Peak 5	10 ug/mL
							PCB-1260 Peak 1	10 ug/mL
							PCB-1260 Peak 2	10 ug/mL
							PCB-1260 Peak 3	10 ug/mL
							PCB-1260 Peak 4	10 ug/mL
							PCB-1260 Peak 5	10 ug/mL
..SG1016/1260MX_00004	08/31/18		Restek, Lot a082781		(Purchased Reagent)		Aroclor-1016	1000 ug/mL
							Aroclor-1260	1000 ug/mL
							PCB-1016 Peak 1	1000 ug/mL
							PCB-1016 Peak 2	1000 ug/mL
							PCB-1016 Peak 3	1000 ug/mL
							PCB-1016 Peak 4	1000 ug/mL
							PCB-1016 Peak 5	1000 ug/mL
							PCB-1260 Peak 1	1000 ug/mL
							PCB-1260 Peak 2	1000 ug/mL
							PCB-1260 Peak 3	1000 ug/mL
							PCB-1260 Peak 4	1000 ug/mL
							PCB-1260 Peak 5	1000 ug/mL
.SGPCGSURRSTK_00003	08/31/13	08/31/12	HEXANE, Lot L03E01	100 mL	SGPCBSURRMX_00004	1 mL	DCB Decachlorobiphenyl	2 ug/mL
							Tetrachloro-m-xylene	2 ug/mL
..SGPCBSURRMX_00004	07/31/16		restek, Lot a065184		(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
SG1660@1.0PPM_00005	03/03/13	09/03/12	HEXANE, Lot 0000013019	100 mL	SG1016/1260_00005	10 mL	PCB-1016 Peak 1	1 ug/mL
							PCB-1016 Peak 2	1 ug/mL
							PCB-1016 Peak 3	1 ug/mL
							PCB-1016 Peak 4	1 ug/mL
							PCB-1016 Peak 5	1 ug/mL
							PCB-1260 Peak 1	1 ug/mL
							PCB-1260 Peak 2	1 ug/mL
							PCB-1260 Peak 3	1 ug/mL
							PCB-1260 Peak 4	1 ug/mL
							PCB-1260 Peak 5	1 ug/mL
					SGPCGSURRSTK_00003	2.5 mL	DCB Decachlorobiphenyl	0.05 ug/mL
							Tetrachloro-m-xylene	0.05 ug/mL
.SG1016/1260_00005	05/30/13	05/30/12	HEXANE, Lot K42e19	100 mL	SG1016/1260MX_00004	1 mL	PCB-1016 Peak 1	10 ug/mL
							PCB-1016 Peak 2	10 ug/mL
							PCB-1016 Peak 3	10 ug/mL
							PCB-1016 Peak 4	10 ug/mL
							PCB-1016 Peak 5	10 ug/mL
							PCB-1260 Peak 1	10 ug/mL
							PCB-1260 Peak 2	10 ug/mL
							PCB-1260 Peak 3	10 ug/mL
							PCB-1260 Peak 4	10 ug/mL
							PCB-1260 Peak 5	10 ug/mL
..SG1016/1260MX_00004	08/31/18		Restek, Lot a082781		(Purchased Reagent)		PCB-1016 Peak 1	1000 ug/mL
							PCB-1016 Peak 2	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1016 Peak 3	1000 ug/mL
							PCB-1016 Peak 4	1000 ug/mL
							PCB-1016 Peak 5	1000 ug/mL
							PCB-1260 Peak 1	1000 ug/mL
							PCB-1260 Peak 2	1000 ug/mL
							PCB-1260 Peak 3	1000 ug/mL
							PCB-1260 Peak 4	1000 ug/mL
							PCB-1260 Peak 5	1000 ug/mL
.SGPCGSURRSTK_00003	08/31/13	08/31/12	HEXANE, Lot L03E01	100 mL	SGPCBSURRMX_00004	1 mL	DCB Decachlorobiphenyl	2 ug/mL
							Tetrachloro-m-xylene	2 ug/mL
..SGPCBSURRMX_00004	07/31/16		restek, Lot a065184		(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
SG1660@2.0PPM_00005	03/03/13	09/03/12	HEXANE, Lot 0000013019	100 mL	SG1016/1260_00005	20 mL	PCB-1016 Peak 1	2 ug/mL
							PCB-1016 Peak 2	2 ug/mL
							PCB-1016 Peak 3	2 ug/mL
							PCB-1016 Peak 4	2 ug/mL
							PCB-1016 Peak 5	2 ug/mL
							PCB-1260 Peak 1	2 ug/mL
							PCB-1260 Peak 2	2 ug/mL
							PCB-1260 Peak 3	2 ug/mL
							PCB-1260 Peak 4	2 ug/mL
							PCB-1260 Peak 5	2 ug/mL
					SGPCGSURRSTK_00003	5 mL	DCB Decachlorobiphenyl	0.1 ug/mL
							Tetrachloro-m-xylene	0.1 ug/mL
.SG1016/1260_00005	05/30/13	05/30/12	HEXANE, Lot K42e19	100 mL	SG1016/1260MX_00004	1 mL	PCB-1016 Peak 1	10 ug/mL
							PCB-1016 Peak 2	10 ug/mL
							PCB-1016 Peak 3	10 ug/mL
							PCB-1016 Peak 4	10 ug/mL
							PCB-1016 Peak 5	10 ug/mL
							PCB-1260 Peak 1	10 ug/mL
							PCB-1260 Peak 2	10 ug/mL
							PCB-1260 Peak 3	10 ug/mL
							PCB-1260 Peak 4	10 ug/mL
							PCB-1260 Peak 5	10 ug/mL
..SG1016/1260MX_00004	08/31/18		Restek, Lot a082781		(Purchased Reagent)		PCB-1016 Peak 1	1000 ug/mL
							PCB-1016 Peak 2	1000 ug/mL
							PCB-1016 Peak 3	1000 ug/mL
							PCB-1016 Peak 4	1000 ug/mL
							PCB-1016 Peak 5	1000 ug/mL
							PCB-1260 Peak 1	1000 ug/mL
							PCB-1260 Peak 2	1000 ug/mL
							PCB-1260 Peak 3	1000 ug/mL
							PCB-1260 Peak 4	1000 ug/mL
							PCB-1260 Peak 5	1000 ug/mL
.SGPCGSURRSTK_00003	08/31/13	08/31/12	HEXANE, Lot L03E01	100 mL	SGPCBSURRMX_00004	1 mL	DCB Decachlorobiphenyl	2 ug/mL
							Tetrachloro-m-xylene	2 ug/mL
..SGPCBSURRMX_00004	07/31/16		restek, Lot a065184		(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Tetrachloro-m-xylene	200 ug/mL
SG1660STD@0.1_00005	03/03/13	09/03/12	HEXANE, Lot 0000013019	100 mL	SG1016/1260_00005	1 mL	PCB-1016 Peak 1	0.1 ug/mL
							PCB-1016 Peak 2	0.1 ug/mL
							PCB-1016 Peak 3	0.1 ug/mL
							PCB-1016 Peak 4	0.1 ug/mL
							PCB-1016 Peak 5	0.1 ug/mL
							PCB-1260 Peak 1	0.1 ug/mL
							PCB-1260 Peak 2	0.1 ug/mL
							PCB-1260 Peak 3	0.1 ug/mL
							PCB-1260 Peak 4	0.1 ug/mL
							PCB-1260 Peak 5	0.1 ug/mL
					SGPCGSURRSTK_00003	0.25 mL	DCB Decachlorobiphenyl	0.005 ug/mL
							Tetrachloro-m-xylene	0.005 ug/mL
.SG1016/1260_00005	05/30/13	05/30/12	HEXANE, Lot K42e19	100 mL	SG1016/1260MX_00004	1 mL	PCB-1016 Peak 1	10 ug/mL
							PCB-1016 Peak 2	10 ug/mL
							PCB-1016 Peak 3	10 ug/mL
							PCB-1016 Peak 4	10 ug/mL
							PCB-1016 Peak 5	10 ug/mL
							PCB-1260 Peak 1	10 ug/mL
							PCB-1260 Peak 2	10 ug/mL
							PCB-1260 Peak 3	10 ug/mL
							PCB-1260 Peak 4	10 ug/mL
							PCB-1260 Peak 5	10 ug/mL
..SG1016/1260MX_00004	08/31/18	Restek, Lot a082781			(Purchased Reagent)		PCB-1016 Peak 1	1000 ug/mL
							PCB-1016 Peak 2	1000 ug/mL
							PCB-1016 Peak 3	1000 ug/mL
							PCB-1016 Peak 4	1000 ug/mL
							PCB-1016 Peak 5	1000 ug/mL
							PCB-1260 Peak 1	1000 ug/mL
							PCB-1260 Peak 2	1000 ug/mL
							PCB-1260 Peak 3	1000 ug/mL
							PCB-1260 Peak 4	1000 ug/mL
							PCB-1260 Peak 5	1000 ug/mL
.SGPCGSURRSTK_00003	08/31/13	08/31/12	HEXANE, Lot L03E01	100 mL	SGPCBSURRMX_00004	1 mL	DCB Decachlorobiphenyl	2 ug/mL
							Tetrachloro-m-xylene	2 ug/mL
..SGPCBSURRMX_00004	07/31/16	restek, Lot a065184			(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
SG2154@0.05PP_00003	01/31/13	08/02/12	HEXANE, Lot L08E17	100 mL	SG2154@10ppm_00002	0.5 mL	PCB-1221 Peak 1	0.05 ug/mL
							PCB-1221 Peak 2	0.05 ug/mL
							PCB-1221 Peak 3	0.05 ug/mL
							PCB-1254 Peak 1	0.05 ug/mL
							PCB-1254 Peak 2	0.05 ug/mL
							PCB-1254 Peak 3	0.05 ug/mL
							PCB-1254 Peak 4	0.05 ug/mL
							PCB-1254 Peak 5	0.05 ug/mL
.SG2154@10ppm_00002	01/31/13	01/31/12	HEXANE, Lot K29E03	100 mL	SGPCB1221_00002	1 mL	PCB-1221 Peak 1	10 ug/mL
							PCB-1221 Peak 2	10 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1221 Peak 3	10 ug/mL
					SGPCB1254_00005	1 mL	PCB-1254 Peak 1	10 ug/mL
							PCB-1254 Peak 2	10 ug/mL
							PCB-1254 Peak 3	10 ug/mL
							PCB-1254 Peak 4	10 ug/mL
							PCB-1254 Peak 5	10 ug/mL
..SGPCB1221_00002	06/17/16		RESTEK, Lot a074947		(Purchased Reagent)		PCB-1221 Peak 1	1000 ug/mL
							PCB-1221 Peak 2	1000 ug/mL
							PCB-1221 Peak 3	1000 ug/mL
..SGPCB1254_00005	09/30/17		restek, Lot A076437		(Purchased Reagent)		PCB-1254 Peak 1	1000 ug/mL
							PCB-1254 Peak 2	1000 ug/mL
							PCB-1254 Peak 3	1000 ug/mL
							PCB-1254 Peak 4	1000 ug/mL
							PCB-1254 Peak 5	1000 ug/mL
SG2154@0.2PPM_00004	01/31/13	08/02/12	HEXANE, Lot L08e17	100 mL	SG2154@10ppm_00002	2 mL	PCB-1221 Peak 1	0.2 ug/mL
							PCB-1221 Peak 2	0.2 ug/mL
							PCB-1221 Peak 3	0.2 ug/mL
							PCB-1254 Peak 1	0.2 ug/mL
							PCB-1254 Peak 2	0.2 ug/mL
							PCB-1254 Peak 3	0.2 ug/mL
							PCB-1254 Peak 4	0.2 ug/mL
							PCB-1254 Peak 5	0.2 ug/mL
.SG2154@10ppm_00002	01/31/13	01/31/12	HEXANE, Lot K29E03	100 mL	SGPCB1221_00002	1 mL	PCB-1221 Peak 1	10 ug/mL
							PCB-1221 Peak 2	10 ug/mL
							PCB-1221 Peak 3	10 ug/mL
					SGPCB1254_00005	1 mL	PCB-1254 Peak 1	10 ug/mL
							PCB-1254 Peak 2	10 ug/mL
							PCB-1254 Peak 3	10 ug/mL
							PCB-1254 Peak 4	10 ug/mL
							PCB-1254 Peak 5	10 ug/mL
..SGPCB1221_00002	06/17/16		RESTEK, Lot a074947		(Purchased Reagent)		PCB-1221 Peak 1	1000 ug/mL
							PCB-1221 Peak 2	1000 ug/mL
							PCB-1221 Peak 3	1000 ug/mL
..SGPCB1254_00005	09/30/17		restek, Lot A076437		(Purchased Reagent)		PCB-1254 Peak 1	1000 ug/mL
							PCB-1254 Peak 2	1000 ug/mL
							PCB-1254 Peak 3	1000 ug/mL
							PCB-1254 Peak 4	1000 ug/mL
							PCB-1254 Peak 5	1000 ug/mL
SG2154@0.5PPM_00006	01/31/13	08/02/12	HEXANE, Lot L08e17	100 mL	SG2154@10ppm_00002	5 mL	PCB-1221 Peak 1	0.5 ug/mL
							PCB-1221 Peak 2	0.5 ug/mL
							PCB-1221 Peak 3	0.5 ug/mL
							PCB-1254 Peak 1	0.5 ug/mL
							PCB-1254 Peak 2	0.5 ug/mL
							PCB-1254 Peak 3	0.5 ug/mL
							PCB-1254 Peak 4	0.5 ug/mL
							PCB-1254 Peak 5	0.5 ug/mL
.SG2154@10ppm_00002	01/31/13	01/31/12	HEXANE, Lot K29E03	100 mL	SGPCB1221_00002	1 mL	PCB-1221 Peak 1	10 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							PCB-1221 Peak 2	10 ug/mL
							PCB-1221 Peak 3	10 ug/mL
					SGPCB1254_00005	1 mL	PCB-1254 Peak 1	10 ug/mL
							PCB-1254 Peak 2	10 ug/mL
							PCB-1254 Peak 3	10 ug/mL
							PCB-1254 Peak 4	10 ug/mL
							PCB-1254 Peak 5	10 ug/mL
..SGPCB1221_00002	06/17/16		RESTEK, Lot a074947		(Purchased Reagent)		PCB-1221 Peak 1	1000 ug/mL
							PCB-1221 Peak 2	1000 ug/mL
							PCB-1221 Peak 3	1000 ug/mL
..SGPCB1254_00005	09/30/17		restek, Lot A076437		(Purchased Reagent)		PCB-1254 Peak 1	1000 ug/mL
							PCB-1254 Peak 2	1000 ug/mL
							PCB-1254 Peak 3	1000 ug/mL
							PCB-1254 Peak 4	1000 ug/mL
							PCB-1254 Peak 5	1000 ug/mL
SG2154@1.0PPM_00004	01/31/13	08/02/12	HEXANE, Lot L08E17	100 mL	SG2154@10ppm_00002	10 mL	PCB-1221 Peak 1	1 ug/mL
							PCB-1221 Peak 2	1 ug/mL
							PCB-1221 Peak 3	1 ug/mL
							PCB-1254 Peak 1	1 ug/mL
							PCB-1254 Peak 2	1 ug/mL
							PCB-1254 Peak 3	1 ug/mL
							PCB-1254 Peak 4	1 ug/mL
							PCB-1254 Peak 5	1 ug/mL
.SG2154@10ppm_00002	01/31/13	01/31/12	HEXANE, Lot K29E03	100 mL	SGPCB1221_00002	1 mL	PCB-1221 Peak 1	10 ug/mL
							PCB-1221 Peak 2	10 ug/mL
							PCB-1221 Peak 3	10 ug/mL
					SGPCB1254_00005	1 mL	PCB-1254 Peak 1	10 ug/mL
							PCB-1254 Peak 2	10 ug/mL
							PCB-1254 Peak 3	10 ug/mL
							PCB-1254 Peak 4	10 ug/mL
							PCB-1254 Peak 5	10 ug/mL
..SGPCB1221_00002	06/17/16		RESTEK, Lot a074947		(Purchased Reagent)		PCB-1221 Peak 1	1000 ug/mL
							PCB-1221 Peak 2	1000 ug/mL
							PCB-1221 Peak 3	1000 ug/mL
..SGPCB1254_00005	09/30/17		restek, Lot A076437		(Purchased Reagent)		PCB-1254 Peak 1	1000 ug/mL
							PCB-1254 Peak 2	1000 ug/mL
							PCB-1254 Peak 3	1000 ug/mL
							PCB-1254 Peak 4	1000 ug/mL
							PCB-1254 Peak 5	1000 ug/mL
SG2154@2.0PPM_00004	01/31/13	08/02/12	HEXANE, Lot L08E17	100 mL	SG2154@10ppm_00002	20 mL	PCB-1221 Peak 1	2 ug/mL
							PCB-1221 Peak 2	2 ug/mL
							PCB-1221 Peak 3	2 ug/mL
							PCB-1254 Peak 1	2 ug/mL
							PCB-1254 Peak 2	2 ug/mL
							PCB-1254 Peak 3	2 ug/mL
							PCB-1254 Peak 4	2 ug/mL
							PCB-1254 Peak 5	2 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
.SG2154@10ppm_00002	01/31/13	01/31/12	HEXANE, Lot K29E03	100 mL	SGPCB1221_00002	1 mL	PCB-1221 Peak 1	10 ug/mL
							PCB-1221 Peak 2	10 ug/mL
							PCB-1221 Peak 3	10 ug/mL
					SGPCB1254_00005	1 mL	PCB-1254 Peak 1	10 ug/mL
							PCB-1254 Peak 2	10 ug/mL
							PCB-1254 Peak 3	10 ug/mL
							PCB-1254 Peak 4	10 ug/mL
							PCB-1254 Peak 5	10 ug/mL
..SGPCB1221_00002	06/17/16		RESTEK, Lot a074947		(Purchased Reagent)		PCB-1221 Peak 1	1000 ug/mL
							PCB-1221 Peak 2	1000 ug/mL
							PCB-1221 Peak 3	1000 ug/mL
..SGPCB1254_00005	09/30/17		restek, Lot A076437		(Purchased Reagent)		PCB-1254 Peak 1	1000 ug/mL
							PCB-1254 Peak 2	1000 ug/mL
							PCB-1254 Peak 3	1000 ug/mL
							PCB-1254 Peak 4	1000 ug/mL
							PCB-1254 Peak 5	1000 ug/mL
SG2154@O.1PPM_00004	01/31/13	08/02/12	HEXANE, Lot L08E17	100 mL	SG2154@10ppm_00002	1 mL	PCB-1221 Peak 1	0.1 ug/mL
							PCB-1221 Peak 2	0.1 ug/mL
							PCB-1221 Peak 3	0.1 ug/mL
							PCB-1254 Peak 1	0.1 ug/mL
							PCB-1254 Peak 2	0.1 ug/mL
							PCB-1254 Peak 3	0.1 ug/mL
							PCB-1254 Peak 4	0.1 ug/mL
							PCB-1254 Peak 5	0.1 ug/mL
.SG2154@10ppm_00002	01/31/13	01/31/12	HEXANE, Lot K29E03	100 mL	SGPCB1221_00002	1 mL	PCB-1221 Peak 1	10 ug/mL
							PCB-1221 Peak 2	10 ug/mL
							PCB-1221 Peak 3	10 ug/mL
					SGPCB1254_00005	1 mL	PCB-1254 Peak 1	10 ug/mL
							PCB-1254 Peak 2	10 ug/mL
							PCB-1254 Peak 3	10 ug/mL
							PCB-1254 Peak 4	10 ug/mL
							PCB-1254 Peak 5	10 ug/mL
..SGPCB1221_00002	06/17/16		RESTEK, Lot a074947		(Purchased Reagent)		PCB-1221 Peak 1	1000 ug/mL
							PCB-1221 Peak 2	1000 ug/mL
							PCB-1221 Peak 3	1000 ug/mL
..SGPCB1254_00005	09/30/17		restek, Lot A076437		(Purchased Reagent)		PCB-1254 Peak 1	1000 ug/mL
							PCB-1254 Peak 2	1000 ug/mL
							PCB-1254 Peak 3	1000 ug/mL
							PCB-1254 Peak 4	1000 ug/mL
							PCB-1254 Peak 5	1000 ug/mL
SGPestAB1_00003	03/08/13	09/07/12	HEXANE, Lot 0000013019	100 mL	SGPESTABST_00004	25 uL	4,4'-DDD	0.005 ug/mL
							4,4'-DDE	0.005 ug/mL
							4,4'-DDT	0.005 ug/mL
							Aldrin	0.005 ug/mL
							alpha-BHC	0.005 ug/mL
							alpha-Chlordane	0.005 ug/mL
							beta-BHC	0.005 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							delta-BHC	0.005 ug/mL
							Dieldrin	0.005 ug/mL
							Endosulfan I	0.005 ug/mL
							Endosulfan II	0.005 ug/mL
							Endosulfan sulfate	0.005 ug/mL
							Endrin	0.005 ug/mL
							Endrin aldehyde	0.005 ug/mL
							Endrin ketone	0.005 ug/mL
							gamma-BHC (Lindane)	0.005 ug/mL
							gamma-Chlordane	0.005 ug/mL
							Heptachlor	0.005 ug/mL
							Heptachlor epoxide	0.005 ug/mL
							Methoxychlor	0.005 ug/mL
							DCB Decachlorobiphenyl	0.005 ug/mL
							Tetrachloro-m-xylene	0.005 ug/mL
.SGPESTABST_00004	09/07/13	09/07/12	HEXANE, Lot 0000013019	10 mL	SGPESTAB_00006	1 mL	4,4'-DDD	20 ug/mL
							4,4'-DDE	20 ug/mL
							4,4'-DDT	20 ug/mL
							Aldrin	20 ug/mL
							alpha-BHC	20 ug/mL
							alpha-Chlordane	20 ug/mL
							beta-BHC	20 ug/mL
							delta-BHC	20 ug/mL
							Dieldrin	20 ug/mL
							Endosulfan I	20 ug/mL
							Endosulfan II	20 ug/mL
							Endosulfan sulfate	20 ug/mL
							Endrin	20 ug/mL
							Endrin aldehyde	20 ug/mL
							Endrin ketone	20 ug/mL
							gamma-BHC (Lindane)	20 ug/mL
							gamma-Chlordane	20 ug/mL
							Heptachlor	20 ug/mL
							Heptachlor epoxide	20 ug/mL
							Methoxychlor	20 ug/mL
					SGPESTSURR_00003	1 mL	DCB Decachlorobiphenyl	20 ug/mL
							Tetrachloro-m-xylene	20 ug/mL
..SGPESTAB_00006	08/31/14		Restek, Lot A076528		(Purchased Reagent)		4,4'-DDD	200 ug/mL
							4,4'-DDE	200 ug/mL
							4,4'-DDT	200 ug/mL
							Aldrin	200 ug/mL
							alpha-BHC	200 ug/mL
							alpha-Chlordane	200 ug/mL
							beta-BHC	200 ug/mL
							delta-BHC	200 ug/mL
							Dieldrin	200 ug/mL
							Endosulfan I	200 ug/mL
							Endosulfan II	200 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Endosulfan sulfate	200 ug/mL
							Endrin	200 ug/mL
							Endrin aldehyde	200 ug/mL
							Endrin ketone	200 ug/mL
							gamma-BHC (Lindane)	200 ug/mL
							gamma-Chlordane	200 ug/mL
							Heptachlor	200 ug/mL
							Heptachlor epoxide	200 ug/mL
							Methoxychlor	200 ug/mL
..SGPESTSURR_00003	04/30/19		Restek, Lot A084532		(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
SGPestAB2_00003	03/07/13	03/07/12	HEXANE, Lot 0000013019	100 mL	SGPESTABST_00004	50 uL	4,4'-DDD	0.01 ug/mL
							4,4'-DDE	0.01 ug/mL
							4,4'-DDT	0.01 ug/mL
							Aldrin	0.01 ug/mL
							alpha-BHC	0.01 ug/mL
							alpha-Chlordane	0.01 ug/mL
							beta-BHC	0.01 ug/mL
							delta-BHC	0.01 ug/mL
							Dieldrin	0.01 ug/mL
							Endosulfan I	0.01 ug/mL
							Endosulfan II	0.01 ug/mL
							Endosulfan sulfate	0.01 ug/mL
							Endrin	0.01 ug/mL
							Endrin aldehyde	0.01 ug/mL
							Endrin ketone	0.01 ug/mL
							gamma-BHC (Lindane)	0.01 ug/mL
							gamma-Chlordane	0.01 ug/mL
							Heptachlor	0.01 ug/mL
							Heptachlor epoxide	0.01 ug/mL
							Methoxychlor	0.01 ug/mL
							DCB Decachlorobiphenyl	0.01 ug/mL
							Tetrachloro-m-xylene	0.01 ug/mL
.SGPESTABST_00004	09/07/13	09/07/12	HEXANE, Lot 0000013019	10 mL	SGPESTAB_00006	1 mL	4,4'-DDD	20 ug/mL
							4,4'-DDE	20 ug/mL
							4,4'-DDT	20 ug/mL
							Aldrin	20 ug/mL
							alpha-BHC	20 ug/mL
							alpha-Chlordane	20 ug/mL
							beta-BHC	20 ug/mL
							delta-BHC	20 ug/mL
							Dieldrin	20 ug/mL
							Endosulfan I	20 ug/mL
							Endosulfan II	20 ug/mL
							Endosulfan sulfate	20 ug/mL
							Endrin	20 ug/mL
							Endrin aldehyde	20 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Endrin ketone	20 ug/mL
							gamma-BHC (Lindane)	20 ug/mL
							gamma-Chlordane	20 ug/mL
							Heptachlor	20 ug/mL
							Heptachlor epoxide	20 ug/mL
							Methoxychlor	20 ug/mL
					SGPESTSURR_00003	1 mL	DCB Decachlorobiphenyl	20 ug/mL
							Tetrachloro-m-xylene	20 ug/mL
..SGPESTAB_00006	08/31/14	Restek, Lot A076528			(Purchased Reagent)		4,4'-DDD	200 ug/mL
							4,4'-DDE	200 ug/mL
							4,4'-DDT	200 ug/mL
							Aldrin	200 ug/mL
							alpha-BHC	200 ug/mL
							alpha-Chlordane	200 ug/mL
							beta-BHC	200 ug/mL
							delta-BHC	200 ug/mL
							Dieldrin	200 ug/mL
							Endosulfan I	200 ug/mL
							Endosulfan II	200 ug/mL
							Endosulfan sulfate	200 ug/mL
							Endrin	200 ug/mL
							Endrin aldehyde	200 ug/mL
							Endrin ketone	200 ug/mL
							gamma-BHC (Lindane)	200 ug/mL
							gamma-Chlordane	200 ug/mL
							Heptachlor	200 ug/mL
							Heptachlor epoxide	200 ug/mL
							Methoxychlor	200 ug/mL
..SGPESTSURR_00003	04/30/19	Restek, Lot A084532			(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
SGPestAB3_00004	02/03/13	08/03/12	HEXANE, Lot L08E17	200 mL	SGPESTABST_00003	0.25 mL	4,4'-DDD	0.025 ug/mL
							4,4'-DDE	0.025 ug/mL
							4,4'-DDT	0.025 ug/mL
							Aldrin	0.025 ug/mL
							alpha-BHC	0.025 ug/mL
							alpha-Chlordane	0.025 ug/mL
							beta-BHC	0.025 ug/mL
							delta-BHC	0.025 ug/mL
							Dieldrin	0.025 ug/mL
							Endosulfan I	0.025 ug/mL
							Endosulfan II	0.025 ug/mL
							Endosulfan sulfate	0.025 ug/mL
							Endrin	0.025 ug/mL
							Endrin aldehyde	0.025 ug/mL
							Endrin ketone	0.025 ug/mL
							gamma-BHC (Lindane)	0.025 ug/mL
							gamma-Chlordane	0.025 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Heptachlor	0.025 ug/mL
							Heptachlor epoxide	0.025 ug/mL
							Methoxychlor	0.025 ug/mL
							DCB Decachlorobiphenyl	0.025 ug/mL
							Tetrachloro-m-xylene	0.025 ug/mL
.SGPESTABST_00003	03/08/13	03/07/12	HEXANE, Lot K29E03	10 mL	SGPESTAB_00004	1 mL	4,4'-DDD	20 ug/mL
							4,4'-DDE	20 ug/mL
							4,4'-DDT	20 ug/mL
							Aldrin	20 ug/mL
							alpha-BHC	20 ug/mL
							alpha-Chlordane	20 ug/mL
							beta-BHC	20 ug/mL
							delta-BHC	20 ug/mL
							Dieldrin	20 ug/mL
							Endosulfan I	20 ug/mL
							Endosulfan II	20 ug/mL
							Endosulfan sulfate	20 ug/mL
							Endrin	20 ug/mL
							Endrin aldehyde	20 ug/mL
							Endrin ketone	20 ug/mL
							gamma-BHC (Lindane)	20 ug/mL
							gamma-Chlordane	20 ug/mL
							Heptachlor	20 ug/mL
							Heptachlor epoxide	20 ug/mL
							Methoxychlor	20 ug/mL
					SGPESTSURR_00004	1 mL	DCB Decachlorobiphenyl	20 ug/mL
							Tetrachloro-m-xylene	20 ug/mL
..SGPESTAB_00004	08/31/14		Restek, Lot A076528		(Purchased Reagent)		4,4'-DDD	200 ug/mL
							4,4'-DDE	200 ug/mL
							4,4'-DDT	200 ug/mL
							Aldrin	200 ug/mL
							alpha-BHC	200 ug/mL
							alpha-Chlordane	200 ug/mL
							beta-BHC	200 ug/mL
							delta-BHC	200 ug/mL
							Dieldrin	200 ug/mL
							Endosulfan I	200 ug/mL
							Endosulfan II	200 ug/mL
							Endosulfan sulfate	200 ug/mL
							Endrin	200 ug/mL
							Endrin aldehyde	200 ug/mL
							Endrin ketone	200 ug/mL
							gamma-BHC (Lindane)	200 ug/mL
							gamma-Chlordane	200 ug/mL
							Heptachlor	200 ug/mL
							Heptachlor epoxide	200 ug/mL
							Methoxychlor	200 ug/mL
..SGPESTSURR_00004	04/30/19		Restek, Lot A084532		(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Tetrachloro-m-xylene	200 ug/mL
SGPestAB4_00003	03/07/13	03/07/12	HEXANE, Lot 0000013019	100 mL	SGPESTABST_00004	250 uL	4,4'-DDD	0.05 ug/mL
							4,4'-DDE	0.05 ug/mL
							4,4'-DDT	0.05 ug/mL
							Aldrin	0.05 ug/mL
							alpha-BHC	0.05 ug/mL
							alpha-Chlordane	0.05 ug/mL
							beta-BHC	0.05 ug/mL
							delta-BHC	0.05 ug/mL
							Dieldrin	0.05 ug/mL
							Endosulfan I	0.05 ug/mL
							Endosulfan II	0.05 ug/mL
							Endosulfan sulfate	0.05 ug/mL
							Endrin	0.05 ug/mL
							Endrin aldehyde	0.05 ug/mL
							Endrin ketone	0.05 ug/mL
							gamma-BHC (Lindane)	0.05 ug/mL
							gamma-Chlordane	0.05 ug/mL
							Heptachlor	0.05 ug/mL
							Heptachlor epoxide	0.05 ug/mL
							Methoxychlor	0.05 ug/mL
							DCB Decachlorobiphenyl	0.05 ug/mL
							Tetrachloro-m-xylene	0.05 ug/mL
.SGPESTABST_00004	09/07/13	09/07/12	HEXANE, Lot 0000013019	10 mL	SGPESTAB_00006	1 mL	4,4'-DDD	20 ug/mL
							4,4'-DDE	20 ug/mL
							4,4'-DDT	20 ug/mL
							Aldrin	20 ug/mL
							alpha-BHC	20 ug/mL
							alpha-Chlordane	20 ug/mL
							beta-BHC	20 ug/mL
							delta-BHC	20 ug/mL
							Dieldrin	20 ug/mL
							Endosulfan I	20 ug/mL
							Endosulfan II	20 ug/mL
							Endosulfan sulfate	20 ug/mL
							Endrin	20 ug/mL
							Endrin aldehyde	20 ug/mL
							Endrin ketone	20 ug/mL
							gamma-BHC (Lindane)	20 ug/mL
							gamma-Chlordane	20 ug/mL
							Heptachlor	20 ug/mL
							Heptachlor epoxide	20 ug/mL
							Methoxychlor	20 ug/mL
					SGPESTSURR_00003	1 mL	DCB Decachlorobiphenyl	20 ug/mL
							Tetrachloro-m-xylene	20 ug/mL
..SGPESTAB_00006	08/31/14		Restek, Lot A076528		(Purchased Reagent)		4,4'-DDD	200 ug/mL
							4,4'-DDE	200 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4,4'-DDT	200 ug/mL
							Aldrin	200 ug/mL
							alpha-BHC	200 ug/mL
							alpha-Chlordane	200 ug/mL
							beta-BHC	200 ug/mL
							delta-BHC	200 ug/mL
							Dieldrin	200 ug/mL
							Endosulfan I	200 ug/mL
							Endosulfan II	200 ug/mL
							Endosulfan sulfate	200 ug/mL
							Endrin	200 ug/mL
							Endrin aldehyde	200 ug/mL
							Endrin ketone	200 ug/mL
							gamma-BHC (Lindane)	200 ug/mL
							gamma-Chlordane	200 ug/mL
							Heptachlor	200 ug/mL
							Heptachlor epoxide	200 ug/mL
							Methoxychlor	200 ug/mL
..SGPESTSURR_00003	04/30/19		Restek, Lot A084532		(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
SGPestAB5_00003	03/07/13	03/07/12	HEXANE, Lot 0000013019	100 mL	SGPESTABST_00004	500 uL	4,4'-DDD	0.1 ug/mL
							4,4'-DDE	0.1 ug/mL
							4,4'-DDT	0.1 ug/mL
							Aldrin	0.1 ug/mL
							alpha-BHC	0.1 ug/mL
							alpha-Chlordane	0.1 ug/mL
							beta-BHC	0.1 ug/mL
							delta-BHC	0.1 ug/mL
							Dieldrin	0.1 ug/mL
							Endosulfan I	0.1 ug/mL
							Endosulfan II	0.1 ug/mL
							Endosulfan sulfate	0.1 ug/mL
							Endrin	0.1 ug/mL
							Endrin aldehyde	0.1 ug/mL
							Endrin ketone	0.1 ug/mL
							gamma-BHC (Lindane)	0.1 ug/mL
							gamma-Chlordane	0.1 ug/mL
							Heptachlor	0.1 ug/mL
							Heptachlor epoxide	0.1 ug/mL
							Methoxychlor	0.1 ug/mL
							DCB Decachlorobiphenyl	0.1 ug/mL
							Tetrachloro-m-xylene	0.1 ug/mL
.SGPESTABST_00004	09/07/13	09/07/12	HEXANE, Lot 0000013019	10 mL	SGPESTAB_00006	1 mL	4,4'-DDD	20 ug/mL
							4,4'-DDE	20 ug/mL
							4,4'-DDT	20 ug/mL
							Aldrin	20 ug/mL
							alpha-BHC	20 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							alpha-Chlordane	20 ug/mL
							beta-BHC	20 ug/mL
							delta-BHC	20 ug/mL
							Dieldrin	20 ug/mL
							Endosulfan I	20 ug/mL
							Endosulfan II	20 ug/mL
							Endosulfan sulfate	20 ug/mL
							Endrin	20 ug/mL
							Endrin aldehyde	20 ug/mL
							Endrin ketone	20 ug/mL
							gamma-BHC (Lindane)	20 ug/mL
							gamma-Chlordane	20 ug/mL
							Heptachlor	20 ug/mL
							Heptachlor epoxide	20 ug/mL
							Methoxychlor	20 ug/mL
					SGPESTSURR_00003	1 mL	DCB Decachlorobiphenyl	20 ug/mL
							Tetrachloro-m-xylene	20 ug/mL
..SGPESTAB_00006	08/31/14		Restek, Lot A076528		(Purchased Reagent)		4,4'-DDD	200 ug/mL
							4,4'-DDE	200 ug/mL
							4,4'-DDT	200 ug/mL
							Aldrin	200 ug/mL
							alpha-BHC	200 ug/mL
							alpha-Chlordane	200 ug/mL
							beta-BHC	200 ug/mL
							delta-BHC	200 ug/mL
							Dieldrin	200 ug/mL
							Endosulfan I	200 ug/mL
							Endosulfan II	200 ug/mL
							Endosulfan sulfate	200 ug/mL
							Endrin	200 ug/mL
							Endrin aldehyde	200 ug/mL
							Endrin ketone	200 ug/mL
							gamma-BHC (Lindane)	200 ug/mL
							gamma-Chlordane	200 ug/mL
							Heptachlor	200 ug/mL
							Heptachlor epoxide	200 ug/mL
							Methoxychlor	200 ug/mL
..SGPESTSURR_00003	04/30/19		Restek, Lot A084532		(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
SGPestAB6_00003	03/07/13	03/07/12	HEXANE, Lot 0000013019	100 mL	SGPESTABST_00004	1 mL	4,4'-DDD	0.2 ug/mL
							4,4'-DDE	0.2 ug/mL
							4,4'-DDT	0.2 ug/mL
							Aldrin	0.2 ug/mL
							alpha-BHC	0.2 ug/mL
							alpha-Chlordane	0.2 ug/mL
							beta-BHC	0.2 ug/mL
							delta-BHC	0.2 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Dieldrin	0.2 ug/mL
							Endosulfan I	0.2 ug/mL
							Endosulfan II	0.2 ug/mL
							Endosulfan sulfate	0.2 ug/mL
							Endrin	0.2 ug/mL
							Endrin aldehyde	0.2 ug/mL
							Endrin ketone	0.2 ug/mL
							gamma-BHC (Lindane)	0.2 ug/mL
							gamma-Chlordane	0.2 ug/mL
							Heptachlor	0.2 ug/mL
							Heptachlor epoxide	0.2 ug/mL
							Methoxychlor	0.2 ug/mL
							DCB Decachlorobiphenyl	0.2 ug/mL
							Tetrachloro-m-xylene	0.2 ug/mL
.SGPESTABST_00004	09/07/13	09/07/12	HEXANE, Lot 0000013019	10 mL	SGPESTAB_00006	1 mL	4,4'-DDD	20 ug/mL
							4,4'-DDE	20 ug/mL
							4,4'-DDT	20 ug/mL
							Aldrin	20 ug/mL
							alpha-BHC	20 ug/mL
							alpha-Chlordane	20 ug/mL
							beta-BHC	20 ug/mL
							delta-BHC	20 ug/mL
							Dieldrin	20 ug/mL
							Endosulfan I	20 ug/mL
							Endosulfan II	20 ug/mL
							Endosulfan sulfate	20 ug/mL
							Endrin	20 ug/mL
							Endrin aldehyde	20 ug/mL
							Endrin ketone	20 ug/mL
							gamma-BHC (Lindane)	20 ug/mL
							gamma-Chlordane	20 ug/mL
							Heptachlor	20 ug/mL
							Heptachlor epoxide	20 ug/mL
							Methoxychlor	20 ug/mL
					SGPESTSURR_00003	1 mL	DCB Decachlorobiphenyl	20 ug/mL
							Tetrachloro-m-xylene	20 ug/mL
..SGPESTAB_00006	08/31/14		Restek, Lot A076528		(Purchased Reagent)		4,4'-DDD	200 ug/mL
							4,4'-DDE	200 ug/mL
							4,4'-DDT	200 ug/mL
							Aldrin	200 ug/mL
							alpha-BHC	200 ug/mL
							alpha-Chlordane	200 ug/mL
							beta-BHC	200 ug/mL
							delta-BHC	200 ug/mL
							Dieldrin	200 ug/mL
							Endosulfan I	200 ug/mL
							Endosulfan II	200 ug/mL
							Endosulfan sulfate	200 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Endrin	200 ug/mL
							Endrin aldehyde	200 ug/mL
							Endrin ketone	200 ug/mL
							gamma-BHC (Lindane)	200 ug/mL
							gamma-Chlordane	200 ug/mL
							Heptachlor	200 ug/mL
							Heptachlor epoxide	200 ug/mL
							Methoxychlor	200 ug/mL
..SGPESTSURR_00003	04/30/19		Restek, Lot A084532		(Purchased Reagent)		DCB Decachlorobiphenyl	200 ug/mL
							Tetrachloro-m-xylene	200 ug/mL
SGPESTABCV_00010	01/27/13	08/02/12	HEXANE, Lot L08E19	100 mL	SGPESTABIC_00004	250 uL	4,4'-DDD	0.025 ug/mL
							4,4'-DDE	0.025 ug/mL
							4,4'-DDT	0.025 ug/mL
							Aldrin	0.025 ug/mL
							alpha-BHC	0.025 ug/mL
							alpha-Chlordane	0.025 ug/mL
							beta-BHC	0.025 ug/mL
							delta-BHC	0.025 ug/mL
							Dieldrin	0.025 ug/mL
							Endosulfan I	0.025 ug/mL
							Endosulfan II	0.025 ug/mL
							Endosulfan sulfate	0.025 ug/mL
							Endrin	0.025 ug/mL
							Endrin aldehyde	0.025 ug/mL
							Endrin ketone	0.025 ug/mL
							gamma-BHC (Lindane)	0.025 ug/mL
							gamma-Chlordane	0.025 ug/mL
							Heptachlor	0.025 ug/mL
							Heptachlor epoxide	0.025 ug/mL
							Methoxychlor	0.025 ug/mL
.SGPESTABIC_00004	07/27/13	07/27/12	HEXANE, Lot L08E17	100 mL	SGPESTABIV_00007	1 mL	4,4'-DDD	10 ug/mL
							4,4'-DDE	10 ug/mL
							4,4'-DDT	10 ug/mL
							Aldrin	10 ug/mL
							alpha-BHC	10 ug/mL
							alpha-Chlordane	10 ug/mL
							beta-BHC	10 ug/mL
							delta-BHC	10 ug/mL
							Dieldrin	10 ug/mL
							Endosulfan I	10 ug/mL
							Endosulfan II	10 ug/mL
							Endosulfan sulfate	10 ug/mL
							Endrin	10 ug/mL
							Endrin aldehyde	10 ug/mL
							Endrin ketone	10 ug/mL
							gamma-BHC (Lindane)	10 ug/mL
							gamma-Chlordane	10 ug/mL

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Heptachlor	10 ug/mL
							Heptachlor epoxide	10 ug/mL
							Methoxychlor	10 ug/mL
..SGPESTABIV_00007	12/31/13	Ultra Scientific, Lot CH-3658			(Purchased Reagent)		4,4'-DDD	1000 ug/mL
							4,4'-DDE	1000 ug/mL
							4,4'-DDT	1000 ug/mL
							Aldrin	1000 ug/mL
							alpha-BHC	1000 ug/mL
							alpha-Chlordane	1000 ug/mL
							beta-BHC	1000 ug/mL
							delta-BHC	1000 ug/mL
							Dieldrin	1000 ug/mL
							Endosulfan I	1000 ug/mL
							Endosulfan II	1000 ug/mL
							Endosulfan sulfate	1000 ug/mL
							Endrin	1000 ug/mL
							Endrin aldehyde	1000 ug/mL
							Endrin ketone	1000 ug/mL
							gamma-BHC (Lindane)	1000 ug/mL
							gamma-Chlordane	1000 ug/mL
							Heptachlor	1000 ug/mL
							Heptachlor epoxide	1000 ug/mL
							Methoxychlor	1000 ug/mL
SGPESTPEM_00007	01/11/13	07/14/11	HEXANE, Lot K42E19	100 mL	SGPESTPEMS_00006	1 mL	4,4'-DDT	0.1 ug/mL
							alpha-BHC	0.01 ug/mL
							beta-BHC	0.01 ug/mL
							Endrin	0.05 ug/mL
							gamma-BHC (Lindane)	0.01 ug/mL
							Methoxychlor	0.25 ug/mL
							Tetrachloro-m-xylene	0.01 ug/mL
.SGPESTPEMS_00006	02/28/14	Restek, Lot A073209			(Purchased Reagent)		4,4'-DDT	10 ug/mL
							alpha-BHC	1 ug/mL
							beta-BHC	1 ug/mL
							Endrin	5 ug/mL
							gamma-BHC (Lindane)	1 ug/mL
							Methoxychlor	25 ug/mL
							Tetrachloro-m-xylene	1 ug/mL
SGPESTTOXI_00003	02/02/13	01/10/12	HEXANE, Lot K12E23	100 mL	SGPESTTOX_00011	1 mL	Toxaphene	10 ug/mL
							Toxaphene Peak 1	10 ug/mL
							Toxaphene Peak 2	10 ug/mL
							Toxaphene Peak 3	10 ug/mL
							Toxaphene Peak 4	10 ug/mL
							Toxaphene Peak 5	10 ug/mL
.SGPESTTOX_00011	02/28/14	SUPELCO, Lot LB82082			(Purchased Reagent)		Toxaphene	1000 ug/mL
							Toxaphene Peak 1	1000 ug/mL
							Toxaphene Peak 2	1000 ug/mL
							Toxaphene Peak 3	1000 ug/mL

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Toxaphene Peak 4	1000 ug/mL
							Toxaphene Peak 5	1000 ug/mL
SGPESTTOXS_00006	07/27/13	07/31/12	HEXANE, Lot L08E17	100 mL	SGPESTTOX_00012	1 mL	Toxaphene	10 ug/mL
							Toxaphene Peak 1	10 ug/mL
							Toxaphene Peak 2	10 ug/mL
							Toxaphene Peak 3	10 ug/mL
							Toxaphene Peak 4	10 ug/mL
							Toxaphene Peak 5	10 ug/mL
.SGPESTTOX_00012	06/30/15		Restek, Lot A080394		(Purchased Reagent)		Toxaphene	1000 ug/mL
							Toxaphene Peak 1	1000 ug/mL
							Toxaphene Peak 2	1000 ug/mL
							Toxaphene Peak 3	1000 ug/mL
							Toxaphene Peak 4	1000 ug/mL
							Toxaphene Peak 5	1000 ug/mL
SMDoDSS Ind W_00001	08/31/13	02/16/12	MECL2, Lot K48E14	10 mL	SMDoDSSInd ST_00001	1 mL	1,2,4-Trichlorobenzene	10 ug/mL
							1,2-Dichlorobenzene	10 ug/mL
							1,3-Dichlorobenzene	10 ug/mL
							1,4-Dichlorobenzene	10 ug/mL
							2,4,5-Trichlorophenol	10 ug/mL
							2,4,6-Trichlorophenol	10 ug/mL
							2,4-Dichlorophenol	10 ug/mL
							2,4-Dimethylphenol	10 ug/mL
							2,4-Dinitrophenol	20 ug/mL
							2,4-Dinitrotoluene	10 ug/mL
							2,6-Dinitrotoluene	10 ug/mL
							2-Chloronaphthalene	10 ug/mL
							2-Chlorophenol	10 ug/mL
							2-Methylnaphthalene	10 ug/mL
							2-Methylphenol	10 ug/mL
							2-Nitroaniline	10 ug/mL
							2-Nitrophenol	10 ug/mL
							3 & 4 Methylphenol	10 ug/mL
							3,3'-Dichlorobenzidine	10 ug/mL
							3-Nitroaniline	10 ug/mL
							4,6-Dinitro-2-methylphenol	10 ug/mL
							4-Bromophenyl phenyl ether	10 ug/mL
							4-Chloro-3-methylphenol	10 ug/mL
							4-Chlorophenyl phenyl ether	10 ug/mL
							4-Nitroaniline	10 ug/mL
							4-Nitrophenol	10 ug/mL
							Acenaphthene	10 ug/mL
							Acenaphthylene	10 ug/mL
							Anthracene	10 ug/mL
							Benzo[a]anthracene	10 ug/mL
							Benzo[a]pyrene	10 ug/mL
							Benzo[b]fluoranthene	10 ug/mL
							Benzo[g,h,i]perylene	10 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzo[k]fluoranthene	10 ug/mL
							Benzoic acid	20 ug/mL
							Benzyl alcohol	10 ug/mL
							Bis(2-chloroethoxy)methane	10 ug/mL
							Bis(2-chloroethyl)ether	10 ug/mL
							Bis(2-ethylhexyl) phthalate	10 ug/mL
							Butyl benzyl phthalate	10 ug/mL
							Carbazole	10 ug/mL
							Chrysene	10 ug/mL
							Di-n-butyl phthalate	10 ug/mL
							Di-n-octyl phthalate	10 ug/mL
							Dibenz(a,h)anthracene	10 ug/mL
							Dibenzofuran	10 ug/mL
							Diethyl phthalate	10 ug/mL
							Dimethyl phthalate	10 ug/mL
							Fluoranthene	10 ug/mL
							Fluorene	10 ug/mL
							Hexachlorobenzene	10 ug/mL
							Hexachlorobutadiene	10 ug/mL
							Hexachlorocyclopentadiene	10 ug/mL
							Hexachloroethane	10 ug/mL
							Indeno[1,2,3-cd]pyrene	10 ug/mL
							Isophorone	10 ug/mL
							N-Nitrosodi-n-propylamine	10 ug/mL
							N-Nitrosodiphenylamine	10 ug/mL
							Naphthalene	10 ug/mL
							Nitrobenzene	10 ug/mL
							Pentachlorophenol	20 ug/mL
							Phenanthrene	10 ug/mL
							Phenol	10 ug/mL
							Pyrene	10 ug/mL
.SMDoDSSInd ST_00001	08/31/13	02/16/12	MECL2, Lot K48E14	10 mL	SMDoD IND SS_00001	1 mL	1,2,4-Trichlorobenzene	100 ug/mL
							1,2-Dichlorobenzene	100 ug/mL
							1,3-Dichlorobenzene	100 ug/mL
							1,4-Dichlorobenzene	100 ug/mL
							2,4,5-Trichlorophenol	100 ug/mL
							2,4,6-Trichlorophenol	100 ug/mL
							2,4-Dichlorophenol	100 ug/mL
							2,4-Dimethylphenol	100 ug/mL
							2,4-Dinitrophenol	200 ug/mL
							2,4-Dinitrotoluene	100 ug/mL
							2,6-Dinitrotoluene	100 ug/mL
							2-Chloronaphthalene	100 ug/mL
							2-Chlorophenol	100 ug/mL
							2-Methylnaphthalene	100 ug/mL
							2-Methylphenol	100 ug/mL
							2-Nitroaniline	100 ug/mL
							2-Nitrophenol	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							3 & 4 Methylphenol	100 ug/mL
							3,3'-Dichlorobenzidine	100 ug/mL
							3-Nitroaniline	100 ug/mL
							4,6-Dinitro-2-methylphenol	100 ug/mL
							4-Bromophenyl phenyl ether	100 ug/mL
							4-Chloro-3-methylphenol	100 ug/mL
							4-Chlorophenyl phenyl ether	100 ug/mL
							4-Nitroaniline	100 ug/mL
							4-Nitrophenol	100 ug/mL
							Acenaphthene	100 ug/mL
							Acenaphthylene	100 ug/mL
							Anthracene	100 ug/mL
							Benzo[a]anthracene	100 ug/mL
							Benzo[a]pyrene	100 ug/mL
							Benzo[b]fluoranthene	100 ug/mL
							Benzo[g,h,i]perylene	100 ug/mL
							Benzo[k]fluoranthene	100 ug/mL
							Benzoic acid	200 ug/mL
							Benzyl alcohol	100 ug/mL
							Bis(2-chloroethoxy)methane	100 ug/mL
							Bis(2-chloroethyl)ether	100 ug/mL
							Bis(2-ethylhexyl) phthalate	100 ug/mL
							Butyl benzyl phthalate	100 ug/mL
							Carbazole	100 ug/mL
							Chrysene	100 ug/mL
							Di-n-butyl phthalate	100 ug/mL
							Di-n-octyl phthalate	100 ug/mL
							Dibenz(a,h)anthracene	100 ug/mL
							Dibenzofuran	100 ug/mL
							Diethyl phthalate	100 ug/mL
							Dimethyl phthalate	100 ug/mL
							Fluoranthene	100 ug/mL
							Fluorene	100 ug/mL
							Hexachlorobenzene	100 ug/mL
							Hexachlorobutadiene	100 ug/mL
							Hexachlorocyclopentadiene	100 ug/mL
							Hexachloroethane	100 ug/mL
							Indeno[1,2,3-cd]pyrene	100 ug/mL
							Isophorone	100 ug/mL
							N-Nitrosodi-n-propylamine	100 ug/mL
							N-Nitrosodiphenylamine	100 ug/mL
							Naphthalene	100 ug/mL
							Nitrobenzene	100 ug/mL
							Pentachlorophenol	200 ug/mL
							Phenanthrene	100 ug/mL
							Phenol	100 ug/mL
							Pyrene	100 ug/mL
..SMDoD IND SS_00001	08/31/13		Sigma-Aldrich, Lot LB90764		(Purchased Reagent)		1,2,4-Trichlorobenzene	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dichlorobenzene	1000 ug/mL
							1,3-Dichlorobenzene	1000 ug/mL
							1,4-Dichlorobenzene	1000 ug/mL
							2,4,5-Trichlorophenol	1000 ug/mL
							2,4,6-Trichlorophenol	1000 ug/mL
							2,4-Dichlorophenol	1000 ug/mL
							2,4-Dimethylphenol	1000 ug/mL
							2,4-Dinitrophenol	2000 ug/mL
							2,4-Dinitrotoluene	1000 ug/mL
							2,6-Dinitrotoluene	1000 ug/mL
							2-Chloronaphthalene	1000 ug/mL
							2-Chlorophenol	1000 ug/mL
							2-Methylnaphthalene	1000 ug/mL
							2-Methylphenol	1000 ug/mL
							2-Nitroaniline	1000 ug/mL
							2-Nitrophenol	1000 ug/mL
							3 & 4 Methylphenol	1000 ug/mL
							3,3'-Dichlorobenzidine	1000 ug/mL
							3-Nitroaniline	1000 ug/mL
							4,6-Dinitro-2-methylphenol	1000 ug/mL
							4-Bromophenyl phenyl ether	1000 ug/mL
							4-Chloro-3-methylphenol	1000 ug/mL
							4-Chlorophenyl phenyl ether	1000 ug/mL
							4-Nitroaniline	1000 ug/mL
							4-Nitrophenol	1000 ug/mL
							Acenaphthene	1000 ug/mL
							Acenaphthylene	1000 ug/mL
							Anthracene	1000 ug/mL
							Benzo[a]anthracene	1000 ug/mL
							Benzo[a]pyrene	1000 ug/mL
							Benzo[b]fluoranthene	1000 ug/mL
							Benzo[g,h,i]perylene	1000 ug/mL
							Benzo[k]fluoranthene	1000 ug/mL
							Benzoic acid	2000 ug/mL
							Benzyl alcohol	1000 ug/mL
							Bis(2-chloroethoxy)methane	1000 ug/mL
							Bis(2-chloroethyl)ether	1000 ug/mL
							Bis(2-ethylhexyl) phthalate	1000 ug/mL
							Butyl benzyl phthalate	1000 ug/mL
							Carbazole	1000 ug/mL
							Chrysene	1000 ug/mL
							Di-n-butyl phthalate	1000 ug/mL
							Di-n-octyl phthalate	1000 ug/mL
							Dibenz(a,h)anthracene	1000 ug/mL
							Dibenzofuran	1000 ug/mL
							Diethyl phthalate	1000 ug/mL
							Dimethyl phthalate	1000 ug/mL
							Fluoranthene	1000 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Fluorene	1000 ug/mL
							Hexachlorobenzene	1000 ug/mL
							Hexachlorobutadiene	1000 ug/mL
							Hexachlorocyclopentadiene	1000 ug/mL
							Hexachloroethane	1000 ug/mL
							Indeno[1,2,3-cd]pyrene	1000 ug/mL
							Isophorone	1000 ug/mL
							N-Nitrosodi-n-propylamine	1000 ug/mL
							N-Nitrosodiphenylamine	1000 ug/mL
							Naphthalene	1000 ug/mL
							Nitrobenzene	1000 ug/mL
							Pentachlorophenol	2000 ug/mL
							Phenanthrene	1000 ug/mL
							Phenol	1000 ug/mL
							Pyrene	1000 ug/mL
SMTCL L1 W_00007	04/30/13	09/10/12	MECL2, Lot 0000001289	2 mL	SMIS80PPMW_00006	100 uL	1,4-Dichlorobenzene-d4	4 ug/mL
							Acenaphthene-d10	4 ug/mL
							Chrysene-d12	4 ug/mL
							Naphthalene-d8	4 ug/mL
							Perylene-d12	4 ug/mL
							Phenanthrene-d10	4 ug/mL
					SMSUP ST_00003	2 uL	2,4-Dinitrophenol	0.2 ug/mL
							Benzoic acid	0.2 ug/mL
							Pentachlorophenol	0.2 ug/mL
					SMTCL DPH ST_00003	2 uL	1,4-Dichlorobenzene	0.1 ug/mL
							2,4,5-Trichlorophenol	0.1 ug/mL
							2,4,6-Tribromophenol (Surr)	0.1 ug/mL
							2,4,6-Trichlorophenol	0.1 ug/mL
							2,4-Dichlorophenol	0.1 ug/mL
							2,4-Dimethylphenol	0.1 ug/mL
							2,4-Dinitrophenol	0.2 ug/mL
							2-Chlorophenol	0.1 ug/mL
							2-Fluorophenol (Surr)	0.1 ug/mL
							2-Methylphenol	0.1 ug/mL
							2-Nitrophenol	0.1 ug/mL
							3 & 4 Methylphenol	0.1 ug/mL
							4,6-Dinitro-2-methylphenol	0.1 ug/mL
							4-Chloro-3-methylphenol	0.1 ug/mL
							4-Nitrophenol	0.1 ug/mL
							Benzoic acid	0.2 ug/mL
							Benzyl alcohol	0.1 ug/mL
							Pentachlorophenol	0.2 ug/mL
							Phenol	0.1 ug/mL
							Phenol-d5 (Surr)	0.1 ug/mL
							2-Nitroaniline	0.1 ug/mL
							3,3'-Dichlorobenzidine	0.1 ug/mL
							3-Nitroaniline	0.1 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Nitroaniline	0.1 ug/mL
							N-Nitrosodi-n-propylamine	0.1 ug/mL
							N-Nitrosodiphenylamine	0.1 ug/mL
							1,1'-Biphenyl	0.1 ug/mL
							1-Methylnaphthalene	0.1 ug/mL
							2-Methylnaphthalene	0.1 ug/mL
							Acenaphthene	0.1 ug/mL
							Acenaphthylene	0.1 ug/mL
							Anthracene	0.1 ug/mL
							Benzo[a]anthracene	0.1 ug/mL
							Benzo[a]pyrene	0.1 ug/mL
							Benzo[b]fluoranthene	0.1 ug/mL
							Benzo[g,h,i]perylene	0.1 ug/mL
							Benzo[k]fluoranthene	0.1 ug/mL
							Bis(2-ethylhexyl) phthalate	0.1 ug/mL
							Butyl benzyl phthalate	0.1 ug/mL
							Carbazole	0.1 ug/mL
							Chrysene	0.1 ug/mL
							Di-n-butyl phthalate	0.1 ug/mL
							Di-n-octyl phthalate	0.1 ug/mL
							Dibenz(a,h)anthracene	0.1 ug/mL
							Dibenzofuran	0.1 ug/mL
							Diethyl phthalate	0.1 ug/mL
							Dimethyl phthalate	0.1 ug/mL
							Fluoranthene	0.1 ug/mL
							Fluorene	0.1 ug/mL
							Indeno[1,2,3-cd]pyrene	0.1 ug/mL
							Isophorone	0.1 ug/mL
							Naphthalene	0.1 ug/mL
							Phenanthrene	0.1 ug/mL
							Pyrene	0.1 ug/mL
							1,2,4-Trichlorobenzene	0.1 ug/mL
							1,2-Dichlorobenzene	0.1 ug/mL
							1,3-Dichlorobenzene	0.1 ug/mL
							2,4-Dinitrotoluene	0.1 ug/mL
							2,6-Dinitrotoluene	0.1 ug/mL
							2-Chloronaphthalene	0.1 ug/mL
							2-Fluorobiphenyl (Surr)	0.1 ug/mL
							4-Bromophenyl phenyl ether	0.1 ug/mL
							4-Chlorophenyl phenyl ether	0.1 ug/mL
							Benzaldehyde	0.1 ug/mL
							Bis(2-chloroethoxy)methane	0.1 ug/mL
							Bis(2-chloroethyl)ether	0.1 ug/mL
							Hexachlorobenzene	0.1 ug/mL
							Hexachlorobutadiene	0.1 ug/mL
							Hexachlorocyclopentadiene	0.1 ug/mL
							Hexachloroethane	0.1 ug/mL
							Nitrobenzene	0.1 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Nitrobenzene-d5 (Surr)	0.1 ug/mL
							Terphenyl-d14 (Surr)	0.1 ug/mL
.SMIS80PPMW_00006	09/11/13	09/10/12	MECL2, Lot 0000001289	50 mL	SMIS_00004	1 mL	1,4-Dichlorobenzene-d4	80 ug/mL
							Acenaphthene-d10	80 ug/mL
							Chrysene-d12	80 ug/mL
							Naphthalene-d8	80 ug/mL
							Perylene-d12	80 ug/mL
							Phenanthrene-d10	80 ug/mL
..SMIS_00004	06/30/14	UltraScientific, Lot CH-1761			(Purchased Reagent)		1,4-Dichlorobenzene-d4	4000 ug/mL
							Acenaphthene-d10	4000 ug/mL
							Chrysene-d12	4000 ug/mL
							Naphthalene-d8	4000 ug/mL
							Perylene-d12	4000 ug/mL
							Phenanthrene-d10	4000 ug/mL
.SMSUP ST_00003	09/10/13	09/10/12	MECL2, Lot 0000001289	10 mL	SMACIDSUP1_00003	200 uL	2,4-Dinitrophenol	100 ug/mL
					SMACIDSUP2_00003	500 uL	Benzoic acid	100 ug/mL
					SMACIDSUP3_00003	500 uL	Pentachlorophenol	100 ug/mL
..SMACIDSUP1_00003	04/10/17	Absolute Standard, Lot B7040078			(Purchased Reagent)		2,4-Dinitrophenol	5000 ug/mL
..SMACIDSUP2_00003	06/07/21	Absolute Standards, Lot 211061093			(Purchased Reagent)		Benzoic acid	2000 ug/mL
..SMACIDSUP3_00003	04/01/21	Absolute Standards, Lot 211041014			(Purchased Reagent)		Pentachlorophenol	2000 ug/mL
.SMTCL DPH ST_00003	04/30/13	09/10/12	MECL2, Lot 0000001289	8 mL	SM8270TCL1_00003	2 mL	1,4-Dichlorobenzene	100 ug/mL
							2,4,5-Trichlorophenol	100 ug/mL
							2,4,6-Tribromophenol (Surr)	100 ug/mL
							2,4,6-Trichlorophenol	100 ug/mL
							2,4-Dichlorophenol	100 ug/mL
							2,4-Dimethylphenol	100 ug/mL
							2,4-Dinitrophenol	100 ug/mL
							2-Chlorophenol	100 ug/mL
							2-Fluorophenol (Surr)	100 ug/mL
							2-Methylphenol	100 ug/mL
							2-Nitrophenol	100 ug/mL
							3 & 4 Methylphenol	100 ug/mL
							4,6-Dinitro-2-methylphenol	100 ug/mL
							4-Chloro-3-methylphenol	100 ug/mL
							4-Nitrophenol	100 ug/mL
							Benzoic acid	100 ug/mL
							Benzyl alcohol	100 ug/mL
							Pentachlorophenol	100 ug/mL
							Phenol	100 ug/mL
							Phenol-d5 (Surr)	100 ug/mL
					SM8270TCL2_00003	2 mL	2-Nitroaniline	100 ug/mL
							3,3'-Dichlorobenzidine	100 ug/mL
							3-Nitroaniline	100 ug/mL
							4-Nitroaniline	100 ug/mL
							N-Nitrosodi-n-propylamine	100 ug/mL
							N-Nitrosodiphenylamine	100 ug/mL
					SM8270TCL3DPH_00002	2 mL	1,1'-Biphenyl	100 ug/mL
							1-Methylnaphthalene	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Methylnaphthalene	100 ug/mL
							Acenaphthene	100 ug/mL
							Acenaphthylene	100 ug/mL
							Anthracene	100 ug/mL
							Benzo[a]anthracene	100 ug/mL
							Benzo[a]pyrene	100 ug/mL
							Benzo[b]fluoranthene	100 ug/mL
							Benzo[g,h,i]perylene	100 ug/mL
							Benzo[k]fluoranthene	100 ug/mL
							Bis(2-ethylhexyl) phthalate	100 ug/mL
							Butyl benzyl phthalate	100 ug/mL
							Carbazole	100 ug/mL
							Chrysene	100 ug/mL
							Di-n-butyl phthalate	100 ug/mL
							Di-n-octyl phthalate	100 ug/mL
							Dibenz(a,h)anthracene	100 ug/mL
							Dibenzofuran	100 ug/mL
							Diethyl phthalate	100 ug/mL
							Dimethyl phthalate	100 ug/mL
							Fluoranthene	100 ug/mL
							Fluorene	100 ug/mL
							Indeno[1,2,3-cd]pyrene	100 ug/mL
							Isophorone	100 ug/mL
							Naphthalene	100 ug/mL
							Phenanthrene	100 ug/mL
							Pyrene	100 ug/mL
					SM8270TCL4_00004	2 mL	1,2,4-Trichlorobenzene	100 ug/mL
							1,2-Dichlorobenzene	100 ug/mL
							1,3-Dichlorobenzene	100 ug/mL
							2,4-Dinitrotoluene	100 ug/mL
							2,6-Dinitrotoluene	100 ug/mL
							2-Chloronaphthalene	100 ug/mL
							2-Fluorobiphenyl (Surr)	100 ug/mL
							4-Bromophenyl phenyl ether	100 ug/mL
							4-Chlorophenyl phenyl ether	100 ug/mL
							Benzaldehyde	100 ug/mL
							Bis(2-chloroethoxy)methane	100 ug/mL
							Bis(2-chloroethyl)ether	100 ug/mL
							Hexachlorobenzene	100 ug/mL
							Hexachlorobutadiene	100 ug/mL
							Hexachlorocyclopentadiene	100 ug/mL
							Hexachloroethane	100 ug/mL
							Nitrobenzene	100 ug/mL
							Nitrobenzene-d5 (Surr)	100 ug/mL
							Terphenyl-d14 (Surr)	100 ug/mL
..SM8270TCL1_00003	05/31/16		RESTEK, Lot A081795		(Purchased Reagent)		1,4-Dichlorobenzene	400 ug/mL
							2,4,5-Trichlorophenol	400 ug/mL
							2,4,6-Tribromophenol (Surr)	400 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2,4,6-Trichlorophenol	400 ug/mL
							2,4-Dichlorophenol	400 ug/mL
							2,4-Dimethylphenol	400 ug/mL
							2,4-Dinitrophenol	400 ug/mL
							2-Chlorophenol	400 ug/mL
							2-Fluorophenol (Surr)	400 ug/mL
							2-Methylphenol	400 ug/mL
							2-Nitrophenol	400 ug/mL
							3 & 4 Methylphenol	400 ug/mL
							4,6-Dinitro-2-methylphenol	400 ug/mL
							4-Chloro-3-methylphenol	400 ug/mL
							4-Nitrophenol	400 ug/mL
							Benzoic acid	400 ug/mL
							Benzyl alcohol	400 ug/mL
							Pentachlorophenol	400 ug/mL
							Phenol	400 ug/mL
							Phenol-d5 (Surr)	400 ug/mL
..SM8270TCL2_00003	04/30/13		RESTEK, Lot A081245		(Purchased Reagent)		2-Nitroaniline	400 ug/mL
							3,3'-Dichlorobenzidine	400 ug/mL
							3-Nitroaniline	400 ug/mL
							4-Nitroaniline	400 ug/mL
							N-Nitrosodi-n-propylamine	400 ug/mL
							N-Nitrosodiphenylamine	400 ug/mL
..SM8270TCL3DPH_00002	12/31/14		Restek, Lot A083779		(Purchased Reagent)		1,1'-Biphenyl	400 ug/mL
							1-Methylnaphthalene	400 ug/mL
							2-Methylnaphthalene	400 ug/mL
							Acenaphthene	400 ug/mL
							Acenaphthylene	400 ug/mL
							Anthracene	400 ug/mL
							Benzo[a]anthracene	400 ug/mL
							Benzo[a]pyrene	400 ug/mL
							Benzo[b]fluoranthene	400 ug/mL
							Benzo[g,h,i]perylene	400 ug/mL
							Benzo[k]fluoranthene	400 ug/mL
							Bis(2-ethylhexyl) phthalate	400 ug/mL
							Butyl benzyl phthalate	400 ug/mL
							Carbazole	400 ug/mL
							Chrysene	400 ug/mL
							Di-n-butyl phthalate	400 ug/mL
							Di-n-octyl phthalate	400 ug/mL
							Dibenz(a,h)anthracene	400 ug/mL
							Dibenzofuran	400 ug/mL
							Diethyl phthalate	400 ug/mL
							Dimethyl phthalate	400 ug/mL
							Fluoranthene	400 ug/mL
							Fluorene	400 ug/mL
							Indeno[1,2,3-cd]pyrene	400 ug/mL
							Isophorone	400 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Naphthalene	400 ug/mL
							Phenanthrene	400 ug/mL
							Pyrene	400 ug/mL
..SM8270TCL4_00004	05/31/14		Restek, Lot A081933		(Purchased Reagent)		1,2,4-Trichlorobenzene	400 ug/mL
							1,2-Dichlorobenzene	400 ug/mL
							1,3-Dichlorobenzene	400 ug/mL
							2,4-Dinitrotoluene	400 ug/mL
							2,6-Dinitrotoluene	400 ug/mL
							2-Chloronaphthalene	400 ug/mL
							2-Fluorobiphenyl (Surr)	400 ug/mL
							4-Bromophenyl phenyl ether	400 ug/mL
							4-Chlorophenyl phenyl ether	400 ug/mL
							Benzaldehyde	400 ug/mL
							Bis(2-chloroethoxy)methane	400 ug/mL
							Bis(2-chloroethyl)ether	400 ug/mL
							Hexachlorobenzene	400 ug/mL
							Hexachlorobutadiene	400 ug/mL
							Hexachlorocyclopentadiene	400 ug/mL
							Hexachloroethane	400 ug/mL
							Nitrobenzene	400 ug/mL
							Nitrobenzene-d5 (Surr)	400 ug/mL
							Terphenyl-d14 (Surr)	400 ug/mL
SMTCL L2 W_00007	04/30/13	09/10/12	MECL2, Lot 0000001289	2 mL	SMIS80PPMW_00006	100 uL	1,4-Dichlorobenzene-d4	4 ug/mL
							Acenaphthene-d10	4 ug/mL
							Chrysene-d12	4 ug/mL
							Naphthalene-d8	4 ug/mL
							Perylene-d12	4 ug/mL
							Phenanthrene-d10	4 ug/mL
					SMSUP ST_00003	10 uL	2,4-Dinitrophenol	1 ug/mL
							Benzoic acid	1 ug/mL
							Pentachlorophenol	1 ug/mL
					SMTCL DPH ST_00003	10 uL	1,4-Dichlorobenzene	0.5 ug/mL
							1,4-Dioxane	0.5 ug/mL
							2,3,5,6-Tetrachlorophenol	0.5 ug/mL
							2,4,5-Trichlorophenol	0.5 ug/mL
							2,4,6-Tribromophenol (Surr)	0.5 ug/mL
							2,4,6-Trichlorophenol	0.5 ug/mL
							2,4-Dichlorophenol	0.5 ug/mL
							2,4-Dimethylphenol	0.5 ug/mL
							2,4-Dinitrophenol	1 ug/mL
							2-Chlorophenol	0.5 ug/mL
							2-Fluorophenol (Surr)	0.5 ug/mL
							2-Methylphenol	0.5 ug/mL
							2-Nitrophenol	0.5 ug/mL
							3 & 4 Methylphenol	0.5 ug/mL
							4,6-Dinitro-2-methylphenol	0.5 ug/mL
							4-Chloro-3-methylphenol	0.5 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Nitrophenol	0.5 ug/mL
							Benzoic acid	1 ug/mL
							Benzyl alcohol	0.5 ug/mL
							Pentachlorophenol	1 ug/mL
							Phenol	0.5 ug/mL
							Phenol-d5 (Surr)	0.5 ug/mL
							2,4-Toluene diamine	0.5 ug/mL
							2-Nitroaniline	0.5 ug/mL
							3,3'-Dichlorobenzidine	0.5 ug/mL
							3,3'-Dimethoxybenzidine	0.5 ug/mL
							3-Nitroaniline	0.5 ug/mL
							4,4'-Methylene bis(2-chloroaniline)	0.5 ug/mL
							4-Chloroaniline	0.5 ug/mL
							4-Nitroaniline	0.5 ug/mL
							Aniline	0.5 ug/mL
							Atrazine	0.5 ug/mL
							Benzidine	0.5 ug/mL
							N-Nitrosodi-n-propylamine	0.5 ug/mL
							N-Nitrosodimethylamine	0.5 ug/mL
							N-Nitrosodiphenylamine	0.5 ug/mL
							Pyridine	0.5 ug/mL
							1,1'-Biphenyl	0.5 ug/mL
							1,2-Diphenylhydrazine	0.5 ug/mL
							1-Methylnaphthalene	0.5 ug/mL
							2-Methylnaphthalene	0.5 ug/mL
							Acenaphthene	0.5 ug/mL
							Acenaphthylene	0.5 ug/mL
							Acetophenone	0.5 ug/mL
							Anthracene	0.5 ug/mL
							Azobenzene	0.5 ug/mL
							Benzo[a]anthracene	0.5 ug/mL
							Benzo[a]pyrene	0.5 ug/mL
							Benzo[b]fluoranthene	0.5 ug/mL
							Benzo[g,h,i]perylene	0.5 ug/mL
							Benzo[k]fluoranthene	0.5 ug/mL
							Bis(2-ethylhexyl) phthalate	0.5 ug/mL
							Butyl benzyl phthalate	0.5 ug/mL
							Caprolactam	0.5 ug/mL
							Carbazole	0.5 ug/mL
							Chrysene	0.5 ug/mL
							Di-n-butyl phthalate	0.5 ug/mL
							Di-n-octyl phthalate	0.5 ug/mL
							Dibenz(a,h)anthracene	0.5 ug/mL
							Dibenzofuran	0.5 ug/mL
							Diethyl phthalate	0.5 ug/mL
							Dimethyl phthalate	0.5 ug/mL
							Ethyl methacrylate	0.5 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Fluoranthene	0.5 ug/mL
							Fluorene	0.5 ug/mL
							Indeno[1,2,3-cd]pyrene	0.5 ug/mL
							Isophorone	0.5 ug/mL
							Naphthalene	0.5 ug/mL
							Phenanthrene	0.5 ug/mL
							Pyrene	0.5 ug/mL
							1,2,3,5-Tetrachlorobenzene	0.5 ug/mL
							1,2,4-Trichlorobenzene	0.5 ug/mL
							1,2-Dichlorobenzene	0.5 ug/mL
							1,2-Dinitrobenzene	0.5 ug/mL
							1,3,5-Trichlorobenzene	0.5 ug/mL
							1,3-Dichlorobenzene	0.5 ug/mL
							2,4-Dinitrotoluene	0.5 ug/mL
							2,6-Dinitrotoluene	0.5 ug/mL
							2-Chloronaphthalene	0.5 ug/mL
							2-Fluorobiphenyl (Surr)	0.5 ug/mL
							3-Chloropropionitrile	0.5 ug/mL
							4-Bromophenyl phenyl ether	0.5 ug/mL
							4-Chlorophenyl phenyl ether	0.5 ug/mL
							Benzaldehyde	0.5 ug/mL
							bis (2-chloroisopropyl) ether	0.5 ug/mL
							Bis(2-chloroethoxy)methane	0.5 ug/mL
							Bis(2-chloroethyl)ether	0.5 ug/mL
							Hexachlorobenzene	0.5 ug/mL
							Hexachlorobutadiene	0.5 ug/mL
							Hexachlorocyclopentadiene	0.5 ug/mL
							Hexachloroethane	0.5 ug/mL
							Malononitrile	0.5 ug/mL
							Nitrobenzene	0.5 ug/mL
							Nitrobenzene-d5 (Surr)	0.5 ug/mL
							Terphenyl-d14 (Surr)	0.5 ug/mL
.SMIS80PPMW_00006	09/11/13	09/10/12	MECL2, Lot 0000001289	50 mL	SMIS_00004	1 mL	1,4-Dichlorobenzene-d4	80 ug/mL
							Acenaphthene-d10	80 ug/mL
							Chrysene-d12	80 ug/mL
							Naphthalene-d8	80 ug/mL
							Perylene-d12	80 ug/mL
							Phenanthrene-d10	80 ug/mL
..SMIS_00004	06/30/14	UltraScientific, Lot CH-1761			(Purchased Reagent)		1,4-Dichlorobenzene-d4	4000 ug/mL
							Acenaphthene-d10	4000 ug/mL
							Chrysene-d12	4000 ug/mL
							Naphthalene-d8	4000 ug/mL
							Perylene-d12	4000 ug/mL
							Phenanthrene-d10	4000 ug/mL
.SMSUP ST_00003	09/10/13	09/10/12	MECL2, Lot 0000001289	10 mL	SMACIDSUP1_00003	200 uL	2,4-Dinitrophenol	100 ug/mL
					SMACIDSUP2_00003	500 uL	Benzoic acid	100 ug/mL
					SMACIDSUP3_00003	500 uL	Pentachlorophenol	100 ug/mL
..SMACIDSUP1_00003	04/10/17	Absolute Standard, Lot B7040078			(Purchased Reagent)		2,4-Dinitrophenol	5000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..SMACIDSUP2_00003	06/07/21	Absolute Standards, Lot 211061093			(Purchased Reagent)		Benzoic acid	2000 ug/mL
..SMACIDSUP3_00003	04/01/21	Absolute Standards, Lot 211041014			(Purchased Reagent)		Pentachlorophenol	2000 ug/mL
.SMTCL DPH ST_00003	04/30/13	09/10/12	MECL2, Lot 0000001289	8 mL	SM8270TCL1_00003	2 mL	1,4-Dichlorobenzene	100 ug/mL
							1,4-Dioxane	100 ug/mL
							2,3,5,6-Tetrachlorophenol	100 ug/mL
							2,4,5-Trichlorophenol	100 ug/mL
							2,4,6-Tribromophenol (Surr)	100 ug/mL
							2,4,6-Trichlorophenol	100 ug/mL
							2,4-Dichlorophenol	100 ug/mL
							2,4-Dimethylphenol	100 ug/mL
							2,4-Dinitrophenol	100 ug/mL
							2-Chlorophenol	100 ug/mL
							2-Fluorophenol (Surr)	100 ug/mL
							2-Methylphenol	100 ug/mL
							2-Nitrophenol	100 ug/mL
							3 & 4 Methylphenol	100 ug/mL
							4,6-Dinitro-2-methylphenol	100 ug/mL
							4-Chloro-3-methylphenol	100 ug/mL
							4-Nitrophenol	100 ug/mL
							Benzoic acid	100 ug/mL
							Benzyl alcohol	100 ug/mL
							Pentachlorophenol	100 ug/mL
							Phenol	100 ug/mL
							Phenol-d5 (Surr)	100 ug/mL
					SM8270TCL2_00003	2 mL	2,4-Toluene diamine	100 ug/mL
							2-Nitroaniline	100 ug/mL
							3,3'-Dichlorobenzidine	100 ug/mL
							3,3'-Dimethoxybenzidine	100 ug/mL
							3-Nitroaniline	100 ug/mL
							4,4'-Methylene bis(2-chloroaniline)	100 ug/mL
							4-Chloroaniline	100 ug/mL
							4-Nitroaniline	100 ug/mL
							Aniline	100 ug/mL
							Atrazine	100 ug/mL
							Benzidine	100 ug/mL
							N-Nitrosodi-n-propylamine	100 ug/mL
							N-Nitrosodimethylamine	100 ug/mL
							N-Nitrosodiphenylamine	100 ug/mL
							Pyridine	100 ug/mL
					SM8270TCL3DPH_00002	2 mL	1,1'-Biphenyl	100 ug/mL
							1,2-Diphenylhydrazine	100 ug/mL
							1-Methylnaphthalene	100 ug/mL
							2-Methylnaphthalene	100 ug/mL
							Acenaphthene	100 ug/mL
							Acenaphthylene	100 ug/mL
							Acetophenone	100 ug/mL
							Anthracene	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Azobenzene	100 ug/mL
							Benzo[a]anthracene	100 ug/mL
							Benzo[a]pyrene	100 ug/mL
							Benzo[b]fluoranthene	100 ug/mL
							Benzo[g,h,i]perylene	100 ug/mL
							Benzo[k]fluoranthene	100 ug/mL
							Bis(2-ethylhexyl) phthalate	100 ug/mL
							Butyl benzyl phthalate	100 ug/mL
							Caprolactam	100 ug/mL
							Carbazole	100 ug/mL
							Chrysene	100 ug/mL
							Di-n-butyl phthalate	100 ug/mL
							Di-n-octyl phthalate	100 ug/mL
							Dibenz(a,h)anthracene	100 ug/mL
							Dibenzofuran	100 ug/mL
							Diethyl phthalate	100 ug/mL
							Dimethyl phthalate	100 ug/mL
							Ethyl methacrylate	100 ug/mL
							Fluoranthene	100 ug/mL
							Fluorene	100 ug/mL
							Indeno[1,2,3-cd]pyrene	100 ug/mL
							Isophorone	100 ug/mL
							Naphthalene	100 ug/mL
							Phenanthrene	100 ug/mL
							Pyrene	100 ug/mL
					SM8270TCL4_00004	2 mL	1,2,3,5-Tetrachlorobenzene	100 ug/mL
							1,2,4-Trichlorobenzene	100 ug/mL
							1,2-Dichlorobenzene	100 ug/mL
							1,2-Dinitrobenzene	100 ug/mL
							1,3,5-Trichlorobenzene	100 ug/mL
							1,3-Dichlorobenzene	100 ug/mL
							2,4-Dinitrotoluene	100 ug/mL
							2,6-Dinitrotoluene	100 ug/mL
							2-Chloronaphthalene	100 ug/mL
							2-Fluorobiphenyl (Surr)	100 ug/mL
							3-Chloropropionitrile	100 ug/mL
							4-Bromophenyl phenyl ether	100 ug/mL
							4-Chlorophenyl phenyl ether	100 ug/mL
							Benzaldehyde	100 ug/mL
							bis (2-chloroisopropyl) ether	100 ug/mL
							Bis(2-chloroethoxy)methane	100 ug/mL
							Bis(2-chloroethyl)ether	100 ug/mL
							Hexachlorobenzene	100 ug/mL
							Hexachlorobutadiene	100 ug/mL
							Hexachlorocyclopentadiene	100 ug/mL
							Hexachloroethane	100 ug/mL
							Malononitrile	100 ug/mL
							Nitrobenzene	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Nitrobenzene-d5 (Surr)	100 ug/mL
							Terphenyl-d14 (Surr)	100 ug/mL
..SM8270TCL1_00003	05/31/16		RESTEK, Lot A081795		(Purchased Reagent)		1,4-Dichlorobenzene	400 ug/mL
							1,4-Dioxane	400 ug/mL
							2,3,5,6-Tetrachlorophenol	400 ug/mL
							2,4,5-Trichlorophenol	400 ug/mL
							2,4,6-Tribromophenol (Surr)	400 ug/mL
							2,4,6-Trichlorophenol	400 ug/mL
							2,4-Dichlorophenol	400 ug/mL
							2,4-Dimethylphenol	400 ug/mL
							2,4-Dinitrophenol	400 ug/mL
							2-Chlorophenol	400 ug/mL
							2-Fluorophenol (Surr)	400 ug/mL
							2-Methylphenol	400 ug/mL
							2-Nitrophenol	400 ug/mL
							3 & 4 Methylphenol	400 ug/mL
							4,6-Dinitro-2-methylphenol	400 ug/mL
							4-Chloro-3-methylphenol	400 ug/mL
							4-Nitrophenol	400 ug/mL
							Benzoic acid	400 ug/mL
							Benzyl alcohol	400 ug/mL
							Pentachlorophenol	400 ug/mL
							Phenol	400 ug/mL
							Phenol-d5 (Surr)	400 ug/mL
..SM8270TCL2_00003	04/30/13		RESTEK, Lot A081245		(Purchased Reagent)		2,4-Toluene diamine	400 ug/mL
							2-Nitroaniline	400 ug/mL
							3,3'-Dichlorobenzidine	400 ug/mL
							3,3'-Dimethoxybenzidine	400 ug/mL
							3-Nitroaniline	400 ug/mL
							4,4'-Methylene bis(2-chloroaniline)	400 ug/mL
							4-Chloroaniline	400 ug/mL
							4-Nitroaniline	400 ug/mL
							Aniline	400 ug/mL
							Atrazine	400 ug/mL
							Benzidine	400 ug/mL
							N-Nitrosodi-n-propylamine	400 ug/mL
							N-Nitrosodimethylamine	400 ug/mL
							N-Nitrosodiphenylamine	400 ug/mL
							Pyridine	400 ug/mL
..SM8270TCL3DPH_00002	12/31/14		Restek, Lot A083779		(Purchased Reagent)		1,1'-Biphenyl	400 ug/mL
							1,2-Diphenylhydrazine	400 ug/mL
							1-Methylnaphthalene	400 ug/mL
							2-Methylnaphthalene	400 ug/mL
							Acenaphthene	400 ug/mL
							Acenaphthylene	400 ug/mL
							Acetophenone	400 ug/mL
							Anthracene	400 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Azobenzene	400 ug/mL
							Benzo[a]anthracene	400 ug/mL
							Benzo[a]pyrene	400 ug/mL
							Benzo[b]fluoranthene	400 ug/mL
							Benzo[g,h,i]perylene	400 ug/mL
							Benzo[k]fluoranthene	400 ug/mL
							Bis(2-ethylhexyl) phthalate	400 ug/mL
							Butyl benzyl phthalate	400 ug/mL
							Caprolactam	400 ug/mL
							Carbazole	400 ug/mL
							Chrysene	400 ug/mL
							Di-n-butyl phthalate	400 ug/mL
							Di-n-octyl phthalate	400 ug/mL
							Dibenz(a,h)anthracene	400 ug/mL
							Dibenzofuran	400 ug/mL
							Diethyl phthalate	400 ug/mL
							Dimethyl phthalate	400 ug/mL
							Ethyl methacrylate	400 ug/mL
							Fluoranthene	400 ug/mL
							Fluorene	400 ug/mL
							Indeno[1,2,3-cd]pyrene	400 ug/mL
							Isophorone	400 ug/mL
							Naphthalene	400 ug/mL
							Phenanthrene	400 ug/mL
							Pyrene	400 ug/mL
..SM8270TCL4_00004	05/31/14		Restek, Lot A081933		(Purchased Reagent)		1,2,3,5-Tetrachlorobenzene	400 ug/mL
							1,2,4-Trichlorobenzene	400 ug/mL
							1,2-Dichlorobenzene	400 ug/mL
							1,2-Dinitrobenzene	400 ug/mL
							1,3,5-Trichlorobenzene	400 ug/mL
							1,3-Dichlorobenzene	400 ug/mL
							2,4-Dinitrotoluene	400 ug/mL
							2,6-Dinitrotoluene	400 ug/mL
							2-Chloronaphthalene	400 ug/mL
							2-Fluorobiphenyl (Surr)	400 ug/mL
							3-Chloropropionitrile	400 ug/mL
							4-Bromophenyl phenyl ether	400 ug/mL
							4-Chlorophenyl phenyl ether	400 ug/mL
							Benzaldehyde	400 ug/mL
							bis (2-chloroisopropyl) ether	400 ug/mL
							Bis(2-chloroethoxy)methane	400 ug/mL
							Bis(2-chloroethyl)ether	400 ug/mL
							Hexachlorobenzene	400 ug/mL
							Hexachlorobutadiene	400 ug/mL
							Hexachlorocyclopentadiene	400 ug/mL
							Hexachloroethane	400 ug/mL
							Malononitrile	400 ug/mL
							Nitrobenzene	400 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Nitrobenzene-d5 (Surr)	400 ug/mL
							Terphenyl-d14 (Surr)	400 ug/mL
SMTCL L3 W_00007	04/30/13	09/10/12	MECL2, Lot 0000001289	2 mL	SMIS80PPMW_00006	100 uL	1,4-Dichlorobenzene-d4	4 ug/mL
							Acenaphthene-d10	4 ug/mL
							Chrysene-d12	4 ug/mL
							Naphthalene-d8	4 ug/mL
							Perylene-d12	4 ug/mL
							Phenanthrene-d10	4 ug/mL
					SMSUP ST_00003	20 uL	2,4-Dinitrophenol	2 ug/mL
							Benzoic acid	2 ug/mL
							Pentachlorophenol	2 ug/mL
					SMTCL DPH ST_00003	20 uL	1,4-Dichlorobenzene	1 ug/mL
							1,4-Dioxane	1 ug/mL
							2,3,5,6-Tetrachlorophenol	1 ug/mL
							2,4,5-Trichlorophenol	1 ug/mL
							2,4,6-Tribromophenol (Surr)	1 ug/mL
							2,4,6-Trichlorophenol	1 ug/mL
							2,4-Dichlorophenol	1 ug/mL
							2,4-Dimethylphenol	1 ug/mL
							2,4-Dinitrophenol	2 ug/mL
							2-Chlorophenol	1 ug/mL
							2-Fluorophenol (Surr)	1 ug/mL
							2-Methylphenol	1 ug/mL
							2-Nitrophenol	1 ug/mL
							3 & 4 Methylphenol	1 ug/mL
							4,6-Dinitro-2-methylphenol	1 ug/mL
							4-Chloro-3-methylphenol	1 ug/mL
							4-Nitrophenol	1 ug/mL
							Benzoic acid	2 ug/mL
							Benzyl alcohol	1 ug/mL
							Pentachlorophenol	2 ug/mL
							Phenol	1 ug/mL
							Phenol-d5 (Surr)	1 ug/mL
							2,4-Toluene diamine	1 ug/mL
							2-Nitroaniline	1 ug/mL
							3,3'-Dichlorobenzidine	1 ug/mL
							3,3'-Dimethoxybenzidine	1 ug/mL
							3-Nitroaniline	1 ug/mL
							4,4'-Methylene bis(2-chloroaniline)	1 ug/mL
							4-Chloroaniline	1 ug/mL
							4-Nitroaniline	1 ug/mL
							Aniline	1 ug/mL
							Atrazine	1 ug/mL
							Benzidine	1 ug/mL
							N-Nitrosodi-n-propylamine	1 ug/mL
							N-Nitrosodimethylamine	1 ug/mL
							N-Nitrosodiphenylamine	1 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Pyridine	1 ug/mL
							1,1'-Biphenyl	1 ug/mL
							1,2-Diphenylhydrazine	1 ug/mL
							1-Methylnaphthalene	1 ug/mL
							2-Methylnaphthalene	1 ug/mL
							Acenaphthene	1 ug/mL
							Acenaphthylene	1 ug/mL
							Acetophenone	1 ug/mL
							Anthracene	1 ug/mL
							Azobenzene	1 ug/mL
							Benzo[a]anthracene	1 ug/mL
							Benzo[a]pyrene	1 ug/mL
							Benzo[b]fluoranthene	1 ug/mL
							Benzo[g,h,i]perylene	1 ug/mL
							Benzo[k]fluoranthene	1 ug/mL
							Bis(2-ethylhexyl) phthalate	1 ug/mL
							Butyl benzyl phthalate	1 ug/mL
							Caprolactam	1 ug/mL
							Carbazole	1 ug/mL
							Chrysene	1 ug/mL
							Di-n-butyl phthalate	1 ug/mL
							Di-n-octyl phthalate	1 ug/mL
							Dibenz(a,h)anthracene	1 ug/mL
							Dibenzofuran	1 ug/mL
							Diethyl phthalate	1 ug/mL
							Dimethyl phthalate	1 ug/mL
							Ethyl methacrylate	1 ug/mL
							Fluoranthene	1 ug/mL
							Fluorene	1 ug/mL
							Indeno[1,2,3-cd]pyrene	1 ug/mL
							Isophorone	1 ug/mL
							Naphthalene	1 ug/mL
							Phenanthrene	1 ug/mL
							Pyrene	1 ug/mL
							1,2,3,5-Tetrachlorobenzene	1 ug/mL
							1,2,4-Trichlorobenzene	1 ug/mL
							1,2-Dichlorobenzene	1 ug/mL
							1,2-Dinitrobenzene	1 ug/mL
							1,3,5-Trichlorobenzene	1 ug/mL
							1,3-Dichlorobenzene	1 ug/mL
							2,4-Dinitrotoluene	1 ug/mL
							2,6-Dinitrotoluene	1 ug/mL
							2-Chloronaphthalene	1 ug/mL
							2-Fluorobiphenyl (Surr)	1 ug/mL
							3-Chloropropionitrile	1 ug/mL
							4-Bromophenyl phenyl ether	1 ug/mL
							4-Chlorophenyl phenyl ether	1 ug/mL
							Benzaldehyde	1 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							bis (2-chloroisopropyl) ether	1 ug/mL
							Bis(2-chloroethoxy)methane	1 ug/mL
							Bis(2-chloroethyl)ether	1 ug/mL
							Hexachlorobenzene	1 ug/mL
							Hexachlorobutadiene	1 ug/mL
							Hexachlorocyclopentadiene	1 ug/mL
							Hexachloroethane	1 ug/mL
							Malononitrile	1 ug/mL
							Nitrobenzene	1 ug/mL
							Nitrobenzene-d5 (Surr)	1 ug/mL
							Terphenyl-d14 (Surr)	1 ug/mL
.SMIS80PPMW_00006	09/11/13	09/10/12	MECL2, Lot 0000001289	50 mL	SMIS_00004	1 mL	1,4-Dichlorobenzene-d4	80 ug/mL
							Acenaphthene-d10	80 ug/mL
							Chrysene-d12	80 ug/mL
							Naphthalene-d8	80 ug/mL
							Perylene-d12	80 ug/mL
							Phenanthrene-d10	80 ug/mL
..SMIS_00004	06/30/14	UltraScientific, Lot CH-1761			(Purchased Reagent)		1,4-Dichlorobenzene-d4	4000 ug/mL
							Acenaphthene-d10	4000 ug/mL
							Chrysene-d12	4000 ug/mL
							Naphthalene-d8	4000 ug/mL
							Perylene-d12	4000 ug/mL
							Phenanthrene-d10	4000 ug/mL
.SMSUP ST_00003	09/10/13	09/10/12	MECL2, Lot 0000001289	10 mL	SMACIDSUP1_00003	200 uL	2,4-Dinitrophenol	100 ug/mL
					SMACIDSUP2_00003	500 uL	Benzoic acid	100 ug/mL
					SMACIDSUP3_00003	500 uL	Pentachlorophenol	100 ug/mL
..SMACIDSUP1_00003	04/10/17	Absolute Standard, Lot B7040078			(Purchased Reagent)		2,4-Dinitrophenol	5000 ug/mL
..SMACIDSUP2_00003	06/07/21	Absolute Standards, Lot 211061093			(Purchased Reagent)		Benzoic acid	2000 ug/mL
..SMACIDSUP3_00003	04/01/21	Absolute Standards, Lot 211041014			(Purchased Reagent)		Pentachlorophenol	2000 ug/mL
.SMTCL DPH ST_00003	04/30/13	09/10/12	MECL2, Lot 0000001289	8 mL	SM8270TCL1_00003	2 mL	1,4-Dichlorobenzene	100 ug/mL
							1,4-Dioxane	100 ug/mL
							2,3,5,6-Tetrachlorophenol	100 ug/mL
							2,4,5-Trichlorophenol	100 ug/mL
							2,4,6-Tribromophenol (Surr)	100 ug/mL
							2,4,6-Trichlorophenol	100 ug/mL
							2,4-Dichlorophenol	100 ug/mL
							2,4-Dimethylphenol	100 ug/mL
							2,4-Dinitrophenol	100 ug/mL
							2-Chlorophenol	100 ug/mL
							2-Fluorophenol (Surr)	100 ug/mL
							2-Methylphenol	100 ug/mL
							2-Nitrophenol	100 ug/mL
							3 & 4 Methylphenol	100 ug/mL
							4,6-Dinitro-2-methylphenol	100 ug/mL
							4-Chloro-3-methylphenol	100 ug/mL
							4-Nitrophenol	100 ug/mL
							Benzoic acid	100 ug/mL
							Benzyl alcohol	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Pentachlorophenol	100 ug/mL
							Phenol	100 ug/mL
							Phenol-d5 (Surr)	100 ug/mL
					SM8270TCL2_00003	2 mL	2,4-Toluene diamine	100 ug/mL
							2-Nitroaniline	100 ug/mL
							3,3'-Dichlorobenzidine	100 ug/mL
							3,3'-Dimethoxybenzidine	100 ug/mL
							3-Nitroaniline	100 ug/mL
							4,4'-Methylene bis(2-chloroaniline)	100 ug/mL
							4-Chloroaniline	100 ug/mL
							4-Nitroaniline	100 ug/mL
							Aniline	100 ug/mL
							Atrazine	100 ug/mL
							Benzidine	100 ug/mL
							N-Nitrosodi-n-propylamine	100 ug/mL
							N-Nitrosodimethylamine	100 ug/mL
							N-Nitrosodiphenylamine	100 ug/mL
							Pyridine	100 ug/mL
					SM8270TCL3DPH_00002	2 mL	1,1'-Biphenyl	100 ug/mL
							1,2-Diphenylhydrazine	100 ug/mL
							1-Methylnaphthalene	100 ug/mL
							2-Methylnaphthalene	100 ug/mL
							Acenaphthene	100 ug/mL
							Acenaphthylene	100 ug/mL
							Acetophenone	100 ug/mL
							Anthracene	100 ug/mL
							Azobenzene	100 ug/mL
							Benzo[a]anthracene	100 ug/mL
							Benzo[a]pyrene	100 ug/mL
							Benzo[b]fluoranthene	100 ug/mL
							Benzo[g,h,i]perylene	100 ug/mL
							Benzo[k]fluoranthene	100 ug/mL
							Bis(2-ethylhexyl) phthalate	100 ug/mL
							Butyl benzyl phthalate	100 ug/mL
							Caprolactam	100 ug/mL
							Carbazole	100 ug/mL
							Chrysene	100 ug/mL
							Di-n-butyl phthalate	100 ug/mL
							Di-n-octyl phthalate	100 ug/mL
							Dibenz(a,h)anthracene	100 ug/mL
							Dibenzofuran	100 ug/mL
							Diethyl phthalate	100 ug/mL
							Dimethyl phthalate	100 ug/mL
							Ethyl methacrylate	100 ug/mL
							Fluoranthene	100 ug/mL
							Fluorene	100 ug/mL
							Indeno[1,2,3-cd]pyrene	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Isophorone	100 ug/mL
							Naphthalene	100 ug/mL
							Phenanthrene	100 ug/mL
							Pyrene	100 ug/mL
					SM8270TCL4_00004	2 mL	1,2,3,5-Tetrachlorobenzene	100 ug/mL
							1,2,4-Trichlorobenzene	100 ug/mL
							1,2-Dichlorobenzene	100 ug/mL
							1,2-Dinitrobenzene	100 ug/mL
							1,3,5-Trichlorobenzene	100 ug/mL
							1,3-Dichlorobenzene	100 ug/mL
							2,4-Dinitrotoluene	100 ug/mL
							2,6-Dinitrotoluene	100 ug/mL
							2-Chloronaphthalene	100 ug/mL
							2-Fluorobiphenyl (Surr)	100 ug/mL
							3-Chloropropionitrile	100 ug/mL
							4-Bromophenyl phenyl ether	100 ug/mL
							4-Chlorophenyl phenyl ether	100 ug/mL
							Benzaldehyde	100 ug/mL
							bis (2-chloroisopropyl) ether	100 ug/mL
							Bis(2-chloroethoxy)methane	100 ug/mL
							Bis(2-chloroethyl)ether	100 ug/mL
							Hexachlorobenzene	100 ug/mL
							Hexachlorobutadiene	100 ug/mL
							Hexachlorocyclopentadiene	100 ug/mL
							Hexachloroethane	100 ug/mL
							Malononitrile	100 ug/mL
							Nitrobenzene	100 ug/mL
							Nitrobenzene-d5 (Surr)	100 ug/mL
							Terphenyl-d14 (Surr)	100 ug/mL
..SM8270TCL1_00003	05/31/16		RESTEK, Lot A081795		(Purchased Reagent)		1,4-Dichlorobenzene	400 ug/mL
							1,4-Dioxane	400 ug/mL
							2,3,5,6-Tetrachlorophenol	400 ug/mL
							2,4,5-Trichlorophenol	400 ug/mL
							2,4,6-Tribromophenol (Surr)	400 ug/mL
							2,4,6-Trichlorophenol	400 ug/mL
							2,4-Dichlorophenol	400 ug/mL
							2,4-Dimethylphenol	400 ug/mL
							2,4-Dinitrophenol	400 ug/mL
							2-Chlorophenol	400 ug/mL
							2-Fluorophenol (Surr)	400 ug/mL
							2-Methylphenol	400 ug/mL
							2-Nitrophenol	400 ug/mL
							3 & 4 Methylphenol	400 ug/mL
							4,6-Dinitro-2-methylphenol	400 ug/mL
							4-Chloro-3-methylphenol	400 ug/mL
							4-Nitrophenol	400 ug/mL
							Benzoic acid	400 ug/mL
							Benzyl alcohol	400 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Pentachlorophenol	400 ug/mL
							Phenol	400 ug/mL
							Phenol-d5 (Surr)	400 ug/mL
..SM8270TCL2_00003	04/30/13		RESTEK, Lot A081245		(Purchased Reagent)		2,4-Toluene diamine	400 ug/mL
							2-Nitroaniline	400 ug/mL
							3,3'-Dichlorobenzidine	400 ug/mL
							3,3'-Dimethoxybenzidine	400 ug/mL
							3-Nitroaniline	400 ug/mL
							4,4'-Methylene bis(2-chloroaniline)	400 ug/mL
							4-Chloroaniline	400 ug/mL
							4-Nitroaniline	400 ug/mL
							Aniline	400 ug/mL
							Atrazine	400 ug/mL
							Benzidine	400 ug/mL
							N-Nitrosodi-n-propylamine	400 ug/mL
							N-Nitrosodimethylamine	400 ug/mL
							N-Nitrosodiphenylamine	400 ug/mL
							Pyridine	400 ug/mL
..SM8270TCL3DPH_00002	12/31/14		Restek, Lot A083779		(Purchased Reagent)		1,1'-Biphenyl	400 ug/mL
							1,2-Diphenylhydrazine	400 ug/mL
							1-Methylnaphthalene	400 ug/mL
							2-Methylnaphthalene	400 ug/mL
							Acenaphthene	400 ug/mL
							Acenaphthylene	400 ug/mL
							Acetophenone	400 ug/mL
							Anthracene	400 ug/mL
							Azobenzene	400 ug/mL
							Benzo[a]anthracene	400 ug/mL
							Benzo[a]pyrene	400 ug/mL
							Benzo[b]fluoranthene	400 ug/mL
							Benzo[g,h,i]perylene	400 ug/mL
							Benzo[k]fluoranthene	400 ug/mL
							Bis(2-ethylhexyl) phthalate	400 ug/mL
							Butyl benzyl phthalate	400 ug/mL
							Caprolactam	400 ug/mL
							Carbazole	400 ug/mL
							Chrysene	400 ug/mL
							Di-n-butyl phthalate	400 ug/mL
							Di-n-octyl phthalate	400 ug/mL
							Dibenz(a,h)anthracene	400 ug/mL
							Dibenzofuran	400 ug/mL
							Diethyl phthalate	400 ug/mL
							Dimethyl phthalate	400 ug/mL
							Ethyl methacrylate	400 ug/mL
							Fluoranthene	400 ug/mL
							Fluorene	400 ug/mL
							Indeno[1,2,3-cd]pyrene	400 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Isophorone	400 ug/mL
							Naphthalene	400 ug/mL
							Phenanthrene	400 ug/mL
							Pyrene	400 ug/mL
..SM8270TCL4_00004	05/31/14		Restek, Lot A081933		(Purchased Reagent)		1,2,3,5-Tetrachlorobenzene	400 ug/mL
							1,2,4-Trichlorobenzene	400 ug/mL
							1,2-Dichlorobenzene	400 ug/mL
							1,2-Dinitrobenzene	400 ug/mL
							1,3,5-Trichlorobenzene	400 ug/mL
							1,3-Dichlorobenzene	400 ug/mL
							2,4-Dinitrotoluene	400 ug/mL
							2,6-Dinitrotoluene	400 ug/mL
							2-Chloronaphthalene	400 ug/mL
							2-Fluorobiphenyl (Surr)	400 ug/mL
							3-Chloropropionitrile	400 ug/mL
							4-Bromophenyl phenyl ether	400 ug/mL
							4-Chlorophenyl phenyl ether	400 ug/mL
							Benzaldehyde	400 ug/mL
							bis (2-chloroisopropyl) ether	400 ug/mL
							Bis(2-chloroethoxy)methane	400 ug/mL
							Bis(2-chloroethyl)ether	400 ug/mL
							Hexachlorobenzene	400 ug/mL
							Hexachlorobutadiene	400 ug/mL
							Hexachlorocyclopentadiene	400 ug/mL
							Hexachloroethane	400 ug/mL
							Malononitrile	400 ug/mL
							Nitrobenzene	400 ug/mL
							Nitrobenzene-d5 (Surr)	400 ug/mL
							Terphenyl-d14 (Surr)	400 ug/mL
SMTCL L4 W_00007	04/30/13	09/10/12	MECL2, Lot 0000001289	2 mL	SMIS80PPMW_00006	100 uL	1,4-Dichlorobenzene-d4	4 ug/mL
							Acenaphthene-d10	4 ug/mL
							Chrysene-d12	4 ug/mL
							Naphthalene-d8	4 ug/mL
							Perylene-d12	4 ug/mL
							Phenanthrene-d10	4 ug/mL
					SMSUP ST_00003	40 uL	2,4-Dinitrophenol	4 ug/mL
							Benzoic acid	4 ug/mL
							Pentachlorophenol	4 ug/mL
					SMTCL DPH ST_00003	40 uL	1,4-Dichlorobenzene	2 ug/mL
							1,4-Dioxane	2 ug/mL
							2,3,5,6-Tetrachlorophenol	2 ug/mL
							2,4,5-Trichlorophenol	2 ug/mL
							2,4,6-Tribromophenol (Surr)	2 ug/mL
							2,4,6-Trichlorophenol	2 ug/mL
							2,4-Dichlorophenol	2 ug/mL
							2,4-Dimethylphenol	2 ug/mL
							2,4-Dinitrophenol	4 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Chlorophenol	2 ug/mL
							2-Fluorophenol (Surr)	2 ug/mL
							2-Methylphenol	2 ug/mL
							2-Nitrophenol	2 ug/mL
							3 & 4 Methylphenol	2 ug/mL
							4,6-Dinitro-2-methylphenol	2 ug/mL
							4-Chloro-3-methylphenol	2 ug/mL
							4-Nitrophenol	2 ug/mL
							Benzoic acid	4 ug/mL
							Benzyl alcohol	2 ug/mL
							Pentachlorophenol	4 ug/mL
							Phenol	2 ug/mL
							Phenol-d5 (Surr)	2 ug/mL
							2,4-Toluene diamine	2 ug/mL
							2-Nitroaniline	2 ug/mL
							3,3'-Dichlorobenzidine	2 ug/mL
							3,3'-Dimethoxybenzidine	2 ug/mL
							3-Nitroaniline	2 ug/mL
							4,4'-Methylene bis(2-chloroaniline)	2 ug/mL
							4-Chloroaniline	2 ug/mL
							4-Nitroaniline	2 ug/mL
							Aniline	2 ug/mL
							Atrazine	2 ug/mL
							Benzidine	2 ug/mL
							N-Nitrosodi-n-propylamine	2 ug/mL
							N-Nitrosodimethylamine	2 ug/mL
							N-Nitrosodiphenylamine	2 ug/mL
							Pyridine	2 ug/mL
							1,1'-Biphenyl	2 ug/mL
							1,2-Diphenylhydrazine	2 ug/mL
							1-Methylnaphthalene	2 ug/mL
							2-Methylnaphthalene	2 ug/mL
							Acenaphthene	2 ug/mL
							Acenaphthylene	2 ug/mL
							Acetophenone	2 ug/mL
							Anthracene	2 ug/mL
							Azobenzene	2 ug/mL
							Benzo[a]anthracene	2 ug/mL
							Benzo[a]pyrene	2 ug/mL
							Benzo[b]fluoranthene	2 ug/mL
							Benzo[g,h,i]perylene	2 ug/mL
							Benzo[k]fluoranthene	2 ug/mL
							Bis(2-ethylhexyl) phthalate	2 ug/mL
							Butyl benzyl phthalate	2 ug/mL
							Caprolactam	2 ug/mL
							Carbazole	2 ug/mL
							Chrysene	2 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Di-n-butyl phthalate	2 ug/mL
							Di-n-octyl phthalate	2 ug/mL
							Dibenz(a,h)anthracene	2 ug/mL
							Dibenzofuran	2 ug/mL
							Diethyl phthalate	2 ug/mL
							Dimethyl phthalate	2 ug/mL
							Ethyl methacrylate	2 ug/mL
							Fluoranthene	2 ug/mL
							Fluorene	2 ug/mL
							Indeno[1,2,3-cd]pyrene	2 ug/mL
							Isophorone	2 ug/mL
							Naphthalene	2 ug/mL
							Phenanthrene	2 ug/mL
							Pyrene	2 ug/mL
							1,2,3,5-Tetrachlorobenzene	2 ug/mL
							1,2,4-Trichlorobenzene	2 ug/mL
							1,2-Dichlorobenzene	2 ug/mL
							1,2-Dinitrobenzene	2 ug/mL
							1,3,5-Trichlorobenzene	2 ug/mL
							1,3-Dichlorobenzene	2 ug/mL
							2,4-Dinitrotoluene	2 ug/mL
							2,6-Dinitrotoluene	2 ug/mL
							2-Chloronaphthalene	2 ug/mL
							2-Fluorobiphenyl (Surr)	2 ug/mL
							3-Chloropropionitrile	2 ug/mL
							4-Bromophenyl phenyl ether	2 ug/mL
							4-Chlorophenyl phenyl ether	2 ug/mL
							Benzaldehyde	2 ug/mL
							bis (2-chloroisopropyl) ether	2 ug/mL
							Bis(2-chloroethoxy)methane	2 ug/mL
							Bis(2-chloroethyl)ether	2 ug/mL
							Hexachlorobenzene	2 ug/mL
							Hexachlorobutadiene	2 ug/mL
							Hexachlorocyclopentadiene	2 ug/mL
							Hexachloroethane	2 ug/mL
							Malononitrile	2 ug/mL
							Nitrobenzene	2 ug/mL
							Nitrobenzene-d5 (Surr)	2 ug/mL
							Terphenyl-d14 (Surr)	2 ug/mL
.SMIS80PPMW_00006	09/11/13	09/10/12	MECL2, Lot 0000001289	50 mL	SMIS_00004	1 mL	1,4-Dichlorobenzene-d4	80 ug/mL
							Acenaphthene-d10	80 ug/mL
							Chrysene-d12	80 ug/mL
							Naphthalene-d8	80 ug/mL
							Perylene-d12	80 ug/mL
							Phenanthrene-d10	80 ug/mL
..SMIS_00004	06/30/14	UltraScientific, Lot CH-1761			(Purchased Reagent)		1,4-Dichlorobenzene-d4	4000 ug/mL
							Acenaphthene-d10	4000 ug/mL
							Chrysene-d12	4000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Naphthalene-d8	4000 ug/mL
							Perylene-d12	4000 ug/mL
							Phenanthrene-d10	4000 ug/mL
.SMSUP ST_00003	09/10/13	09/10/12	MECL2, Lot 0000001289	10 mL	SMACIDSUP1_00003	200 uL	2,4-Dinitrophenol	100 ug/mL
					SMACIDSUP2_00003	500 uL	Benzoic acid	100 ug/mL
					SMACIDSUP3_00003	500 uL	Pentachlorophenol	100 ug/mL
..SMACIDSUP1_00003	04/10/17	Absolute Standard, Lot B7040078			(Purchased Reagent)		2,4-Dinitrophenol	5000 ug/mL
..SMACIDSUP2_00003	06/07/21	Absolute Standards, Lot 211061093			(Purchased Reagent)		Benzoic acid	2000 ug/mL
..SMACIDSUP3_00003	04/01/21	Absolute Standards, Lot 211041014			(Purchased Reagent)		Pentachlorophenol	2000 ug/mL
.SMTCL DPH ST_00003	04/30/13	09/10/12	MECL2, Lot 0000001289	8 mL	SM8270TCL1_00003	2 mL	1,4-Dichlorobenzene	100 ug/mL
							1,4-Dioxane	100 ug/mL
							2,3,5,6-Tetrachlorophenol	100 ug/mL
							2,4,5-Trichlorophenol	100 ug/mL
							2,4,6-Tribromophenol (Surr)	100 ug/mL
							2,4,6-Trichlorophenol	100 ug/mL
							2,4-Dichlorophenol	100 ug/mL
							2,4-Dimethylphenol	100 ug/mL
							2,4-Dinitrophenol	100 ug/mL
							2-Chlorophenol	100 ug/mL
							2-Fluorophenol (Surr)	100 ug/mL
							2-Methylphenol	100 ug/mL
							2-Nitrophenol	100 ug/mL
							3 & 4 Methylphenol	100 ug/mL
							4,6-Dinitro-2-methylphenol	100 ug/mL
							4-Chloro-3-methylphenol	100 ug/mL
							4-Nitrophenol	100 ug/mL
							Benzoic acid	100 ug/mL
							Benzyl alcohol	100 ug/mL
							Pentachlorophenol	100 ug/mL
							Phenol	100 ug/mL
							Phenol-d5 (Surr)	100 ug/mL
					SM8270TCL2_00003	2 mL	2,4-Toluene diamine	100 ug/mL
							2-Nitroaniline	100 ug/mL
							3,3'-Dichlorobenzidine	100 ug/mL
							3,3'-Dimethoxybenzidine	100 ug/mL
							3-Nitroaniline	100 ug/mL
							4,4'-Methylene bis(2-chloroaniline)	100 ug/mL
							4-Chloroaniline	100 ug/mL
							4-Nitroaniline	100 ug/mL
							Aniline	100 ug/mL
							Atrazine	100 ug/mL
							Benzidine	100 ug/mL
							N-Nitrosodi-n-propylamine	100 ug/mL
							N-Nitrosodimethylamine	100 ug/mL
							N-Nitrosodiphenylamine	100 ug/mL
							Pyridine	100 ug/mL
					SM8270TCL3DPH_00002	2 mL	1,1'-Biphenyl	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Diphenylhydrazine	100 ug/mL
							1-Methylnaphthalene	100 ug/mL
							2-Methylnaphthalene	100 ug/mL
							Acenaphthene	100 ug/mL
							Acenaphthylene	100 ug/mL
							Acetophenone	100 ug/mL
							Anthracene	100 ug/mL
							Azobenzene	100 ug/mL
							Benzo[a]anthracene	100 ug/mL
							Benzo[a]pyrene	100 ug/mL
							Benzo[b]fluoranthene	100 ug/mL
							Benzo[g,h,i]perylene	100 ug/mL
							Benzo[k]fluoranthene	100 ug/mL
							Bis(2-ethylhexyl) phthalate	100 ug/mL
							Butyl benzyl phthalate	100 ug/mL
							Caprolactam	100 ug/mL
							Carbazole	100 ug/mL
							Chrysene	100 ug/mL
							Di-n-butyl phthalate	100 ug/mL
							Di-n-octyl phthalate	100 ug/mL
							Dibenz(a,h)anthracene	100 ug/mL
							Dibenzofuran	100 ug/mL
							Diethyl phthalate	100 ug/mL
							Dimethyl phthalate	100 ug/mL
							Ethyl methacrylate	100 ug/mL
							Fluoranthene	100 ug/mL
							Fluorene	100 ug/mL
							Indeno[1,2,3-cd]pyrene	100 ug/mL
							Isophorone	100 ug/mL
							Naphthalene	100 ug/mL
							Phenanthrene	100 ug/mL
							Pyrene	100 ug/mL
					SM8270TCL4_00004	2 mL	1,2,3,5-Tetrachlorobenzene	100 ug/mL
							1,2,4-Trichlorobenzene	100 ug/mL
							1,2-Dichlorobenzene	100 ug/mL
							1,2-Dinitrobenzene	100 ug/mL
							1,3,5-Trichlorobenzene	100 ug/mL
							1,3-Dichlorobenzene	100 ug/mL
							2,4-Dinitrotoluene	100 ug/mL
							2,6-Dinitrotoluene	100 ug/mL
							2-Chloronaphthalene	100 ug/mL
							2-Fluorobiphenyl (Surr)	100 ug/mL
							3-Chloropropionitrile	100 ug/mL
							4-Bromophenyl phenyl ether	100 ug/mL
							4-Chlorophenyl phenyl ether	100 ug/mL
							Benzaldehyde	100 ug/mL
							bis (2-chloroisopropyl) ether	100 ug/mL
							Bis(2-chloroethoxy)methane	100 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bis(2-chloroethyl)ether	100 ug/mL
							Hexachlorobenzene	100 ug/mL
							Hexachlorobutadiene	100 ug/mL
							Hexachlorocyclopentadiene	100 ug/mL
							Hexachloroethane	100 ug/mL
							Malononitrile	100 ug/mL
							Nitrobenzene	100 ug/mL
							Nitrobenzene-d5 (Surr)	100 ug/mL
							Terphenyl-d14 (Surr)	100 ug/mL
..SM8270TCL1_00003	05/31/16		RESTEK, Lot A081795		(Purchased Reagent)		1,4-Dichlorobenzene	400 ug/mL
							1,4-Dioxane	400 ug/mL
							2,3,5,6-Tetrachlorophenol	400 ug/mL
							2,4,5-Trichlorophenol	400 ug/mL
							2,4,6-Tribromophenol (Surr)	400 ug/mL
							2,4,6-Trichlorophenol	400 ug/mL
							2,4-Dichlorophenol	400 ug/mL
							2,4-Dimethylphenol	400 ug/mL
							2,4-Dinitrophenol	400 ug/mL
							2-Chlorophenol	400 ug/mL
							2-Fluorophenol (Surr)	400 ug/mL
							2-Methylphenol	400 ug/mL
							2-Nitrophenol	400 ug/mL
							3 & 4 Methylphenol	400 ug/mL
							4,6-Dinitro-2-methylphenol	400 ug/mL
							4-Chloro-3-methylphenol	400 ug/mL
							4-Nitrophenol	400 ug/mL
							Benzoic acid	400 ug/mL
							Benzyl alcohol	400 ug/mL
							Pentachlorophenol	400 ug/mL
							Phenol	400 ug/mL
							Phenol-d5 (Surr)	400 ug/mL
..SM8270TCL2_00003	04/30/13		RESTEK, Lot A081245		(Purchased Reagent)		2,4-Toluene diamine	400 ug/mL
							2-Nitroaniline	400 ug/mL
							3,3'-Dichlorobenzidine	400 ug/mL
							3,3'-Dimethoxybenzidine	400 ug/mL
							3-Nitroaniline	400 ug/mL
							4,4'-Methylene bis(2-chloroaniline)	400 ug/mL
							4-Chloroaniline	400 ug/mL
							4-Nitroaniline	400 ug/mL
							Aniline	400 ug/mL
							Atrazine	400 ug/mL
							Benzidine	400 ug/mL
							N-Nitrosodi-n-propylamine	400 ug/mL
							N-Nitrosodimethylamine	400 ug/mL
							N-Nitrosodiphenylamine	400 ug/mL
							Pyridine	400 ug/mL
..SM8270TCL3DPH_00002	12/31/14		Restek, Lot A083779		(Purchased Reagent)		1,1'-Biphenyl	400 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Diphenylhydrazine	400 ug/mL
							1-Methylnaphthalene	400 ug/mL
							2-Methylnaphthalene	400 ug/mL
							Acenaphthene	400 ug/mL
							Acenaphthylene	400 ug/mL
							Acetophenone	400 ug/mL
							Anthracene	400 ug/mL
							Azobenzene	400 ug/mL
							Benzo[a]anthracene	400 ug/mL
							Benzo[a]pyrene	400 ug/mL
							Benzo[b]fluoranthene	400 ug/mL
							Benzo[g,h,i]perylene	400 ug/mL
							Benzo[k]fluoranthene	400 ug/mL
							Bis(2-ethylhexyl) phthalate	400 ug/mL
							Butyl benzyl phthalate	400 ug/mL
							Caprolactam	400 ug/mL
							Carbazole	400 ug/mL
							Chrysene	400 ug/mL
							Di-n-butyl phthalate	400 ug/mL
							Di-n-octyl phthalate	400 ug/mL
							Dibenz(a,h)anthracene	400 ug/mL
							Dibenzofuran	400 ug/mL
							Diethyl phthalate	400 ug/mL
							Dimethyl phthalate	400 ug/mL
							Ethyl methacrylate	400 ug/mL
							Fluoranthene	400 ug/mL
							Fluorene	400 ug/mL
							Indeno[1,2,3-cd]pyrene	400 ug/mL
							Isophorone	400 ug/mL
							Naphthalene	400 ug/mL
							Phenanthrene	400 ug/mL
							Pyrene	400 ug/mL
..SM8270TCL4_00004	05/31/14		Restek, Lot A081933		(Purchased Reagent)		1,2,3,5-Tetrachlorobenzene	400 ug/mL
							1,2,4-Trichlorobenzene	400 ug/mL
							1,2-Dichlorobenzene	400 ug/mL
							1,2-Dinitrobenzene	400 ug/mL
							1,3,5-Trichlorobenzene	400 ug/mL
							1,3-Dichlorobenzene	400 ug/mL
							2,4-Dinitrotoluene	400 ug/mL
							2,6-Dinitrotoluene	400 ug/mL
							2-Chloronaphthalene	400 ug/mL
							2-Fluorobiphenyl (Surr)	400 ug/mL
							3-Chloropropionitrile	400 ug/mL
							4-Bromophenyl phenyl ether	400 ug/mL
							4-Chlorophenyl phenyl ether	400 ug/mL
							Benzaldehyde	400 ug/mL
							bis (2-chloroisopropyl) ether	400 ug/mL
							Bis(2-chloroethoxy)methane	400 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bis(2-chloroethyl)ether	400 ug/mL
							Hexachlorobenzene	400 ug/mL
							Hexachlorobutadiene	400 ug/mL
							Hexachlorocyclopentadiene	400 ug/mL
							Hexachloroethane	400 ug/mL
							Malononitrile	400 ug/mL
							Nitrobenzene	400 ug/mL
							Nitrobenzene-d5 (Surr)	400 ug/mL
							Terphenyl-d14 (Surr)	400 ug/mL
SMTCL L5 W_00007	04/30/13	09/10/12	MECL2, Lot 0000001289	2 mL	SMIS80PPMW_00006	100 uL	1,4-Dichlorobenzene-d4	4 ug/mL
							Acenaphthene-d10	4 ug/mL
							Chrysene-d12	4 ug/mL
							Naphthalene-d8	4 ug/mL
							Perylene-d12	4 ug/mL
							Phenanthrene-d10	4 ug/mL
					SMSUP ST_00003	100 uL	2,4-Dinitrophenol	10 ug/mL
							Benzoic acid	10 ug/mL
							Pentachlorophenol	10 ug/mL
					SMTCL DPH ST_00003	100 uL	1,4-Dichlorobenzene	5 ug/mL
							1,4-Dioxane	5 ug/mL
							2,3,5,6-Tetrachlorophenol	5 ug/mL
							2,4,5-Trichlorophenol	5 ug/mL
							2,4,6-Tribromophenol (Surr)	5 ug/mL
							2,4,6-Trichlorophenol	5 ug/mL
							2,4-Dichlorophenol	5 ug/mL
							2,4-Dimethylphenol	5 ug/mL
							2,4-Dinitrophenol	10 ug/mL
							2-Chlorophenol	5 ug/mL
							2-Fluorophenol (Surr)	5 ug/mL
							2-Methylphenol	5 ug/mL
							2-Nitrophenol	5 ug/mL
							3 & 4 Methylphenol	5 ug/mL
							4,6-Dinitro-2-methylphenol	5 ug/mL
							4-Chloro-3-methylphenol	5 ug/mL
							4-Nitrophenol	5 ug/mL
							Benzoic acid	10 ug/mL
							Benzyl alcohol	5 ug/mL
							Pentachlorophenol	10 ug/mL
							Phenol	5 ug/mL
							Phenol-d5 (Surr)	5 ug/mL
							2,4-Toluene diamine	5 ug/mL
							2-Nitroaniline	5 ug/mL
							3,3'-Dichlorobenzidine	5 ug/mL
							3,3'-Dimethoxybenzidine	5 ug/mL
							3-Nitroaniline	5 ug/mL
							4,4'-Methylene bis(2-chloroaniline)	5 ug/mL
							4-Chloroaniline	5 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Nitroaniline	5 ug/mL
							Aniline	5 ug/mL
							Atrazine	5 ug/mL
							Benzidine	5 ug/mL
							N-Nitrosodi-n-propylamine	5 ug/mL
							N-Nitrosodimethylamine	5 ug/mL
							N-Nitrosodiphenylamine	5 ug/mL
							Pyridine	5 ug/mL
							1,1'-Biphenyl	5 ug/mL
							1,2-Diphenylhydrazine	5 ug/mL
							1-Methylnaphthalene	5 ug/mL
							2-Methylnaphthalene	5 ug/mL
							Acenaphthene	5 ug/mL
							Acenaphthylene	5 ug/mL
							Acetophenone	5 ug/mL
							Anthracene	5 ug/mL
							Azobenzene	5 ug/mL
							Benzo[a]anthracene	5 ug/mL
							Benzo[a]pyrene	5 ug/mL
							Benzo[b]fluoranthene	5 ug/mL
							Benzo[g,h,i]perylene	5 ug/mL
							Benzo[k]fluoranthene	5 ug/mL
							Bis(2-ethylhexyl) phthalate	5 ug/mL
							Butyl benzyl phthalate	5 ug/mL
							Caprolactam	5 ug/mL
							Carbazole	5 ug/mL
							Chrysene	5 ug/mL
							Di-n-butyl phthalate	5 ug/mL
							Di-n-octyl phthalate	5 ug/mL
							Dibenz(a,h)anthracene	5 ug/mL
							Dibenzofuran	5 ug/mL
							Diethyl phthalate	5 ug/mL
							Dimethyl phthalate	5 ug/mL
							Ethyl methacrylate	5 ug/mL
							Fluoranthene	5 ug/mL
							Fluorene	5 ug/mL
							Indeno[1,2,3-cd]pyrene	5 ug/mL
							Isophorone	5 ug/mL
							Naphthalene	5 ug/mL
							Phenanthrene	5 ug/mL
							Pyrene	5 ug/mL
							1,2,3,5-Tetrachlorobenzene	5 ug/mL
							1,2,4-Trichlorobenzene	5 ug/mL
							1,2-Dichlorobenzene	5 ug/mL
							1,2-Dinitrobenzene	5 ug/mL
							1,3,5-Trichlorobenzene	5 ug/mL
							1,3-Dichlorobenzene	5 ug/mL
							2,4-Dinitrotoluene	5 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2,6-Dinitrotoluene	5 ug/mL
							2-Chloronaphthalene	5 ug/mL
							2-Fluorobiphenyl (Surr)	5 ug/mL
							3-Chloropropionitrile	5 ug/mL
							4-Bromophenyl phenyl ether	5 ug/mL
							4-Chlorophenyl phenyl ether	5 ug/mL
							Benzaldehyde	5 ug/mL
							bis (2-chloroisopropyl) ether	5 ug/mL
							Bis(2-chloroethoxy)methane	5 ug/mL
							Bis(2-chloroethyl)ether	5 ug/mL
							Hexachlorobenzene	5 ug/mL
							Hexachlorobutadiene	5 ug/mL
							Hexachlorocyclopentadiene	5 ug/mL
							Hexachloroethane	5 ug/mL
							Malononitrile	5 ug/mL
							Nitrobenzene	5 ug/mL
							Nitrobenzene-d5 (Surr)	5 ug/mL
							Terphenyl-d14 (Surr)	5 ug/mL
.SMIS80PPMW_00006	09/11/13	09/10/12	MECL2, Lot 0000001289	50 mL	SMIS_00004	1 mL	1,4-Dichlorobenzene-d4	80 ug/mL
							Acenaphthene-d10	80 ug/mL
							Chrysene-d12	80 ug/mL
							Naphthalene-d8	80 ug/mL
							Perylene-d12	80 ug/mL
							Phenanthrene-d10	80 ug/mL
..SMIS_00004	06/30/14	UltraScientific, Lot CH-1761			(Purchased Reagent)		1,4-Dichlorobenzene-d4	4000 ug/mL
							Acenaphthene-d10	4000 ug/mL
							Chrysene-d12	4000 ug/mL
							Naphthalene-d8	4000 ug/mL
							Perylene-d12	4000 ug/mL
							Phenanthrene-d10	4000 ug/mL
.SMSUP ST_00003	09/10/13	09/10/12	MECL2, Lot 0000001289	10 mL	SMACIDSUP1_00003	200 uL	2,4-Dinitrophenol	100 ug/mL
					SMACIDSUP2_00003	500 uL	Benzoic acid	100 ug/mL
					SMACIDSUP3_00003	500 uL	Pentachlorophenol	100 ug/mL
..SMACIDSUP1_00003	04/10/17	Absolute Standard, Lot B7040078			(Purchased Reagent)		2,4-Dinitrophenol	5000 ug/mL
..SMACIDSUP2_00003	06/07/21	Absolute Standards, Lot 211061093			(Purchased Reagent)		Benzoic acid	2000 ug/mL
..SMACIDSUP3_00003	04/01/21	Absolute Standards, Lot 211041014			(Purchased Reagent)		Pentachlorophenol	2000 ug/mL
.SMTCL DPH ST_00003	04/30/13	09/10/12	MECL2, Lot 0000001289	8 mL	SM8270TCL1_00003	2 mL	1,4-Dichlorobenzene	100 ug/mL
							1,4-Dioxane	100 ug/mL
							2,3,5,6-Tetrachlorophenol	100 ug/mL
							2,4,5-Trichlorophenol	100 ug/mL
							2,4,6-Tribromophenol (Surr)	100 ug/mL
							2,4,6-Trichlorophenol	100 ug/mL
							2,4-Dichlorophenol	100 ug/mL
							2,4-Dimethylphenol	100 ug/mL
							2,4-Dinitrophenol	100 ug/mL
							2-Chlorophenol	100 ug/mL
							2-Fluorophenol (Surr)	100 ug/mL
							2-Methylphenol	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Nitrophenol	100 ug/mL
							3 & 4 Methylphenol	100 ug/mL
							4,6-Dinitro-2-methylphenol	100 ug/mL
							4-Chloro-3-methylphenol	100 ug/mL
							4-Nitrophenol	100 ug/mL
							Benzoic acid	100 ug/mL
							Benzyl alcohol	100 ug/mL
							Pentachlorophenol	100 ug/mL
							Phenol	100 ug/mL
							Phenol-d5 (Surr)	100 ug/mL
					SM8270TCL2_00003	2 mL	2,4-Toluene diamine	100 ug/mL
							2-Nitroaniline	100 ug/mL
							3,3'-Dichlorobenzidine	100 ug/mL
							3,3'-Dimethoxybenzidine	100 ug/mL
							3-Nitroaniline	100 ug/mL
							4,4'-Methylene bis(2-chloroaniline)	100 ug/mL
							4-Chloroaniline	100 ug/mL
							4-Nitroaniline	100 ug/mL
							Aniline	100 ug/mL
							Atrazine	100 ug/mL
							Benzidine	100 ug/mL
							N-Nitrosodi-n-propylamine	100 ug/mL
							N-Nitrosodimethylamine	100 ug/mL
							N-Nitrosodiphenylamine	100 ug/mL
							Pyridine	100 ug/mL
					SM8270TCL3DPH_00002	2 mL	1,1'-Biphenyl	100 ug/mL
							1,2-Diphenylhydrazine	100 ug/mL
							1-Methylnaphthalene	100 ug/mL
							2-Methylnaphthalene	100 ug/mL
							Acenaphthene	100 ug/mL
							Acenaphthylene	100 ug/mL
							Acetophenone	100 ug/mL
							Anthracene	100 ug/mL
							Azobenzene	100 ug/mL
							Benzo[a]anthracene	100 ug/mL
							Benzo[a]pyrene	100 ug/mL
							Benzo[b]fluoranthene	100 ug/mL
							Benzo[g,h,i]perylene	100 ug/mL
							Benzo[k]fluoranthene	100 ug/mL
							Bis(2-ethylhexyl) phthalate	100 ug/mL
							Butyl benzyl phthalate	100 ug/mL
							Caprolactam	100 ug/mL
							Carbazole	100 ug/mL
							Chrysene	100 ug/mL
							Di-n-butyl phthalate	100 ug/mL
							Di-n-octyl phthalate	100 ug/mL
							Dibenz(a,h)anthracene	100 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Dibenzofuran	100 ug/mL
							Diethyl phthalate	100 ug/mL
							Dimethyl phthalate	100 ug/mL
							Ethyl methacrylate	100 ug/mL
							Fluoranthene	100 ug/mL
							Fluorene	100 ug/mL
							Indeno[1,2,3-cd]pyrene	100 ug/mL
							Isophorone	100 ug/mL
							Naphthalene	100 ug/mL
							Phenanthrene	100 ug/mL
							Pyrene	100 ug/mL
					SM8270TCL4_00004	2 mL	1,2,3,5-Tetrachlorobenzene	100 ug/mL
							1,2,4-Trichlorobenzene	100 ug/mL
							1,2-Dichlorobenzene	100 ug/mL
							1,2-Dinitrobenzene	100 ug/mL
							1,3,5-Trichlorobenzene	100 ug/mL
							1,3-Dichlorobenzene	100 ug/mL
							2,4-Dinitrotoluene	100 ug/mL
							2,6-Dinitrotoluene	100 ug/mL
							2-Chloronaphthalene	100 ug/mL
							2-Fluorobiphenyl (Surr)	100 ug/mL
							3-Chloropropionitrile	100 ug/mL
							4-Bromophenyl phenyl ether	100 ug/mL
							4-Chlorophenyl phenyl ether	100 ug/mL
							Benzaldehyde	100 ug/mL
							bis (2-chloroisopropyl) ether	100 ug/mL
							Bis(2-chloroethoxy)methane	100 ug/mL
							Bis(2-chloroethyl)ether	100 ug/mL
							Hexachlorobenzene	100 ug/mL
							Hexachlorobutadiene	100 ug/mL
							Hexachlorocyclopentadiene	100 ug/mL
							Hexachloroethane	100 ug/mL
							Malononitrile	100 ug/mL
							Nitrobenzene	100 ug/mL
							Nitrobenzene-d5 (Surr)	100 ug/mL
							Terphenyl-d14 (Surr)	100 ug/mL
..SM8270TCL1_00003	05/31/16		RESTEK, Lot A081795		(Purchased Reagent)		1,4-Dichlorobenzene	400 ug/mL
							1,4-Dioxane	400 ug/mL
							2,3,5,6-Tetrachlorophenol	400 ug/mL
							2,4,5-Trichlorophenol	400 ug/mL
							2,4,6-Tribromophenol (Surr)	400 ug/mL
							2,4,6-Trichlorophenol	400 ug/mL
							2,4-Dichlorophenol	400 ug/mL
							2,4-Dimethylphenol	400 ug/mL
							2,4-Dinitrophenol	400 ug/mL
							2-Chlorophenol	400 ug/mL
							2-Fluorophenol (Surr)	400 ug/mL
							2-Methylphenol	400 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Nitrophenol	400 ug/mL
							3 & 4 Methylphenol	400 ug/mL
							4,6-Dinitro-2-methylphenol	400 ug/mL
							4-Chloro-3-methylphenol	400 ug/mL
							4-Nitrophenol	400 ug/mL
							Benzoic acid	400 ug/mL
							Benzyl alcohol	400 ug/mL
							Pentachlorophenol	400 ug/mL
							Phenol	400 ug/mL
							Phenol-d5 (Surr)	400 ug/mL
..SM8270TCL2_00003	04/30/13		RESTEK, Lot A081245		(Purchased Reagent)		2,4-Toluene diamine	400 ug/mL
							2-Nitroaniline	400 ug/mL
							3,3'-Dichlorobenzidine	400 ug/mL
							3,3'-Dimethoxybenzidine	400 ug/mL
							3-Nitroaniline	400 ug/mL
							4,4'-Methylene bis(2-chloroaniline)	400 ug/mL
							4-Chloroaniline	400 ug/mL
							4-Nitroaniline	400 ug/mL
							Aniline	400 ug/mL
							Atrazine	400 ug/mL
							Benzidine	400 ug/mL
							N-Nitrosodi-n-propylamine	400 ug/mL
							N-Nitrosodimethylamine	400 ug/mL
							N-Nitrosodiphenylamine	400 ug/mL
							Pyridine	400 ug/mL
..SM8270TCL3DPH_00002	12/31/14		Restek, Lot A083779		(Purchased Reagent)		1,1'-Biphenyl	400 ug/mL
							1,2-Diphenylhydrazine	400 ug/mL
							1-Methylnaphthalene	400 ug/mL
							2-Methylnaphthalene	400 ug/mL
							Acenaphthene	400 ug/mL
							Acenaphthylene	400 ug/mL
							Acetophenone	400 ug/mL
							Anthracene	400 ug/mL
							Azobenzene	400 ug/mL
							Benzo[a]anthracene	400 ug/mL
							Benzo[a]pyrene	400 ug/mL
							Benzo[b]fluoranthene	400 ug/mL
							Benzo[g,h,i]perylene	400 ug/mL
							Benzo[k]fluoranthene	400 ug/mL
							Bis(2-ethylhexyl) phthalate	400 ug/mL
							Butyl benzyl phthalate	400 ug/mL
							Caprolactam	400 ug/mL
							Carbazole	400 ug/mL
							Chrysene	400 ug/mL
							Di-n-butyl phthalate	400 ug/mL
							Di-n-octyl phthalate	400 ug/mL
							Dibenz(a,h)anthracene	400 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Dibenzofuran	400 ug/mL
							Diethyl phthalate	400 ug/mL
							Dimethyl phthalate	400 ug/mL
							Ethyl methacrylate	400 ug/mL
							Fluoranthene	400 ug/mL
							Fluorene	400 ug/mL
							Indeno[1,2,3-cd]pyrene	400 ug/mL
							Isophorone	400 ug/mL
							Naphthalene	400 ug/mL
							Phenanthrene	400 ug/mL
							Pyrene	400 ug/mL
..SM8270TCL4_00004	05/31/14		Restek, Lot A081933		(Purchased Reagent)		1,2,3,5-Tetrachlorobenzene	400 ug/mL
							1,2,4-Trichlorobenzene	400 ug/mL
							1,2-Dichlorobenzene	400 ug/mL
							1,2-Dinitrobenzene	400 ug/mL
							1,3,5-Trichlorobenzene	400 ug/mL
							1,3-Dichlorobenzene	400 ug/mL
							2,4-Dinitrotoluene	400 ug/mL
							2,6-Dinitrotoluene	400 ug/mL
							2-Chloronaphthalene	400 ug/mL
							2-Fluorobiphenyl (Surr)	400 ug/mL
							3-Chloropropionitrile	400 ug/mL
							4-Bromophenyl phenyl ether	400 ug/mL
							4-Chlorophenyl phenyl ether	400 ug/mL
							Benzaldehyde	400 ug/mL
							bis (2-chloroisopropyl) ether	400 ug/mL
							Bis(2-chloroethoxy)methane	400 ug/mL
							Bis(2-chloroethyl)ether	400 ug/mL
							Hexachlorobenzene	400 ug/mL
							Hexachlorobutadiene	400 ug/mL
							Hexachlorocyclopentadiene	400 ug/mL
							Hexachloroethane	400 ug/mL
							Malononitrile	400 ug/mL
							Nitrobenzene	400 ug/mL
							Nitrobenzene-d5 (Surr)	400 ug/mL
							Terphenyl-d14 (Surr)	400 ug/mL
SMTCL L6 W_00007	04/30/13	09/10/12	MECL2, Lot 0000001289	2 mL	SMIS80PPMW_00006	100 uL	1,4-Dichlorobenzene-d4	4 ug/mL
							Acenaphthene-d10	4 ug/mL
							Chrysene-d12	4 ug/mL
							Naphthalene-d8	4 ug/mL
							Perylene-d12	4 ug/mL
							Phenanthrene-d10	4 ug/mL
					SMSUP ST_00003	200 uL	2,4-Dinitrophenol	20 ug/mL
							Benzoic acid	20 ug/mL
							Pentachlorophenol	20 ug/mL
					SMTCL DPH ST_00003	200 uL	1,4-Dichlorobenzene	10 ug/mL
							1,4-Dioxane	10 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2,3,5,6-Tetrachlorophenol	10 ug/mL
							2,4,5-Trichlorophenol	10 ug/mL
							2,4,6-Tribromophenol (Surr)	10 ug/mL
							2,4,6-Trichlorophenol	10 ug/mL
							2,4-Dichlorophenol	10 ug/mL
							2,4-Dimethylphenol	10 ug/mL
							2,4-Dinitrophenol	20 ug/mL
							2-Chlorophenol	10 ug/mL
							2-Fluorophenol (Surr)	10 ug/mL
							2-Methylphenol	10 ug/mL
							2-Nitrophenol	10 ug/mL
							3 & 4 Methylphenol	10 ug/mL
							4,6-Dinitro-2-methylphenol	10 ug/mL
							4-Chloro-3-methylphenol	10 ug/mL
							4-Nitrophenol	10 ug/mL
							Benzoic acid	20 ug/mL
							Benzyl alcohol	10 ug/mL
							Pentachlorophenol	20 ug/mL
							Phenol	10 ug/mL
							Phenol-d5 (Surr)	10 ug/mL
							2,4-Toluene diamine	10 ug/mL
							2-Nitroaniline	10 ug/mL
							3,3'-Dichlorobenzidine	10 ug/mL
							3,3'-Dimethoxybenzidine	10 ug/mL
							3-Nitroaniline	10 ug/mL
							4,4'-Methylene bis(2-chloroaniline)	10 ug/mL
							4-Chloroaniline	10 ug/mL
							4-Nitroaniline	10 ug/mL
							Aniline	10 ug/mL
							Atrazine	10 ug/mL
							Benzidine	10 ug/mL
							N-Nitrosodi-n-propylamine	10 ug/mL
							N-Nitrosodimethylamine	10 ug/mL
							N-Nitrosodiphenylamine	10 ug/mL
							Pyridine	10 ug/mL
							1,1'-Biphenyl	10 ug/mL
							1,2-Diphenylhydrazine	10 ug/mL
							1-Methylnaphthalene	10 ug/mL
							2-Methylnaphthalene	10 ug/mL
							Acenaphthene	10 ug/mL
							Acenaphthylene	10 ug/mL
							Acetophenone	10 ug/mL
							Anthracene	10 ug/mL
							Azobenzene	10 ug/mL
							Benzo[a]anthracene	10 ug/mL
							Benzo[a]pyrene	10 ug/mL
							Benzo[b]fluoranthene	10 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzo[g,h,i]perylene	10 ug/mL
							Benzo[k]fluoranthene	10 ug/mL
							Bis(2-ethylhexyl) phthalate	10 ug/mL
							Butyl benzyl phthalate	10 ug/mL
							Caprolactam	10 ug/mL
							Carbazole	10 ug/mL
							Chrysene	10 ug/mL
							Di-n-butyl phthalate	10 ug/mL
							Di-n-octyl phthalate	10 ug/mL
							Dibenz(a,h)anthracene	10 ug/mL
							Dibenzofuran	10 ug/mL
							Diethyl phthalate	10 ug/mL
							Dimethyl phthalate	10 ug/mL
							Ethyl methacrylate	10 ug/mL
							Fluoranthene	10 ug/mL
							Fluorene	10 ug/mL
							Indeno[1,2,3-cd]pyrene	10 ug/mL
							Isophorone	10 ug/mL
							Naphthalene	10 ug/mL
							Phenanthrene	10 ug/mL
							Pyrene	10 ug/mL
							1,2,3,5-Tetrachlorobenzene	10 ug/mL
							1,2,4-Trichlorobenzene	10 ug/mL
							1,2-Dichlorobenzene	10 ug/mL
							1,2-Dinitrobenzene	10 ug/mL
							1,3,5-Trichlorobenzene	10 ug/mL
							1,3-Dichlorobenzene	10 ug/mL
							2,4-Dinitrotoluene	10 ug/mL
							2,6-Dinitrotoluene	10 ug/mL
							2-Chloronaphthalene	10 ug/mL
							2-Fluorobiphenyl (Surr)	10 ug/mL
							3-Chloropropionitrile	10 ug/mL
							4-Bromophenyl phenyl ether	10 ug/mL
							4-Chlorophenyl phenyl ether	10 ug/mL
							Benzaldehyde	10 ug/mL
							bis (2-chloroisopropyl) ether	10 ug/mL
							Bis(2-chloroethoxy)methane	10 ug/mL
							Bis(2-chloroethyl)ether	10 ug/mL
							Hexachlorobenzene	10 ug/mL
							Hexachlorobutadiene	10 ug/mL
							Hexachlorocyclopentadiene	10 ug/mL
							Hexachloroethane	10 ug/mL
							Malononitrile	10 ug/mL
							Nitrobenzene	10 ug/mL
							Nitrobenzene-d5 (Surr)	10 ug/mL
							Terphenyl-d14 (Surr)	10 ug/mL
.SMIS80PPMW_00006	09/11/13	09/10/12	MECL2, Lot 0000001289	50 mL	SMIS_00004	1 mL	1,4-Dichlorobenzene-d4	80 ug/mL
							Acenaphthene-d10	80 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chrysene-d12	80 ug/mL
							Naphthalene-d8	80 ug/mL
							Perylene-d12	80 ug/mL
							Phenanthrene-d10	80 ug/mL
..SMIS_00004	06/30/14	UltraScientific, Lot CH-1761			(Purchased Reagent)		1,4-Dichlorobenzene-d4	4000 ug/mL
							Acenaphthene-d10	4000 ug/mL
							Chrysene-d12	4000 ug/mL
							Naphthalene-d8	4000 ug/mL
							Perylene-d12	4000 ug/mL
							Phenanthrene-d10	4000 ug/mL
.SMSUP ST_00003	09/10/13	09/10/12	MECL2, Lot 0000001289	10 mL	SMACIDSUP1_00003	200 uL	2,4-Dinitrophenol	100 ug/mL
					SMACIDSUP2_00003	500 uL	Benzoic acid	100 ug/mL
					SMACIDSUP3_00003	500 uL	Pentachlorophenol	100 ug/mL
..SMACIDSUP1_00003	04/10/17	Absolute Standard, Lot B7040078			(Purchased Reagent)		2,4-Dinitrophenol	5000 ug/mL
..SMACIDSUP2_00003	06/07/21	Absolute Standards, Lot 211061093			(Purchased Reagent)		Benzoic acid	2000 ug/mL
..SMACIDSUP3_00003	04/01/21	Absolute Standards, Lot 211041014			(Purchased Reagent)		Pentachlorophenol	2000 ug/mL
.SMTCL DPH ST_00003	04/30/13	09/10/12	MECL2, Lot 0000001289	8 mL	SM8270TCL1_00003	2 mL	1,4-Dichlorobenzene	100 ug/mL
							1,4-Dioxane	100 ug/mL
							2,3,5,6-Tetrachlorophenol	100 ug/mL
							2,4,5-Trichlorophenol	100 ug/mL
							2,4,6-Tribromophenol (Surr)	100 ug/mL
							2,4,6-Trichlorophenol	100 ug/mL
							2,4-Dichlorophenol	100 ug/mL
							2,4-Dimethylphenol	100 ug/mL
							2,4-Dinitrophenol	100 ug/mL
							2-Chlorophenol	100 ug/mL
							2-Fluorophenol (Surr)	100 ug/mL
							2-Methylphenol	100 ug/mL
							2-Nitrophenol	100 ug/mL
							3 & 4 Methylphenol	100 ug/mL
							4,6-Dinitro-2-methylphenol	100 ug/mL
							4-Chloro-3-methylphenol	100 ug/mL
							4-Nitrophenol	100 ug/mL
							Benzoic acid	100 ug/mL
							Benzyl alcohol	100 ug/mL
							Pentachlorophenol	100 ug/mL
							Phenol	100 ug/mL
							Phenol-d5 (Surr)	100 ug/mL
					SM8270TCL2_00003	2 mL	2,4-Toluene diamine	100 ug/mL
							2-Nitroaniline	100 ug/mL
							3,3'-Dichlorobenzidine	100 ug/mL
							3,3'-Dimethoxybenzidine	100 ug/mL
							3-Nitroaniline	100 ug/mL
							4,4'-Methylene bis(2-chloroaniline)	100 ug/mL
							4-Chloroaniline	100 ug/mL
							4-Nitroaniline	100 ug/mL
							Aniline	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Atrazine	100 ug/mL
							Benzidine	100 ug/mL
							N-Nitrosodi-n-propylamine	100 ug/mL
							N-Nitrosodimethylamine	100 ug/mL
							N-Nitrosodiphenylamine	100 ug/mL
							Pyridine	100 ug/mL
					SM8270TCL3DPH_00002	2 mL	1,1'-Biphenyl	100 ug/mL
							1,2-Diphenylhydrazine	100 ug/mL
							1-Methylnaphthalene	100 ug/mL
							2-Methylnaphthalene	100 ug/mL
							Acenaphthene	100 ug/mL
							Acenaphthylene	100 ug/mL
							Acetophenone	100 ug/mL
							Anthracene	100 ug/mL
							Azobenzene	100 ug/mL
							Benzo[a]anthracene	100 ug/mL
							Benzo[a]pyrene	100 ug/mL
							Benzo[b]fluoranthene	100 ug/mL
							Benzo[g,h,i]perylene	100 ug/mL
							Benzo[k]fluoranthene	100 ug/mL
							Bis(2-ethylhexyl) phthalate	100 ug/mL
							Butyl benzyl phthalate	100 ug/mL
							Caprolactam	100 ug/mL
							Carbazole	100 ug/mL
							Chrysene	100 ug/mL
							Di-n-butyl phthalate	100 ug/mL
							Di-n-octyl phthalate	100 ug/mL
							Dibenz(a,h)anthracene	100 ug/mL
							Dibenzofuran	100 ug/mL
							Diethyl phthalate	100 ug/mL
							Dimethyl phthalate	100 ug/mL
							Ethyl methacrylate	100 ug/mL
							Fluoranthene	100 ug/mL
							Fluorene	100 ug/mL
							Indeno[1,2,3-cd]pyrene	100 ug/mL
							Isophorone	100 ug/mL
							Naphthalene	100 ug/mL
							Phenanthrene	100 ug/mL
							Pyrene	100 ug/mL
					SM8270TCL4_00004	2 mL	1,2,3,5-Tetrachlorobenzene	100 ug/mL
							1,2,4-Trichlorobenzene	100 ug/mL
							1,2-Dichlorobenzene	100 ug/mL
							1,2-Dinitrobenzene	100 ug/mL
							1,3,5-Trichlorobenzene	100 ug/mL
							1,3-Dichlorobenzene	100 ug/mL
							2,4-Dinitrotoluene	100 ug/mL
							2,6-Dinitrotoluene	100 ug/mL
							2-Chloronaphthalene	100 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Fluorobiphenyl (Surr)	100 ug/mL
							3-Chloropropionitrile	100 ug/mL
							4-Bromophenyl phenyl ether	100 ug/mL
							4-Chlorophenyl phenyl ether	100 ug/mL
							Benzaldehyde	100 ug/mL
							bis (2-chloroisopropyl) ether	100 ug/mL
							Bis(2-chloroethoxy)methane	100 ug/mL
							Bis(2-chloroethyl)ether	100 ug/mL
							Hexachlorobenzene	100 ug/mL
							Hexachlorobutadiene	100 ug/mL
							Hexachlorocyclopentadiene	100 ug/mL
							Hexachloroethane	100 ug/mL
							Malononitrile	100 ug/mL
							Nitrobenzene	100 ug/mL
							Nitrobenzene-d5 (Surr)	100 ug/mL
							Terphenyl-d14 (Surr)	100 ug/mL
..SM8270TCL1_00003	05/31/16		RESTEK, Lot A081795		(Purchased Reagent)		1,4-Dichlorobenzene	400 ug/mL
							1,4-Dioxane	400 ug/mL
							2,3,5,6-Tetrachlorophenol	400 ug/mL
							2,4,5-Trichlorophenol	400 ug/mL
							2,4,6-Tribromophenol (Surr)	400 ug/mL
							2,4,6-Trichlorophenol	400 ug/mL
							2,4-Dichlorophenol	400 ug/mL
							2,4-Dimethylphenol	400 ug/mL
							2,4-Dinitrophenol	400 ug/mL
							2-Chlorophenol	400 ug/mL
							2-Fluorophenol (Surr)	400 ug/mL
							2-Methylphenol	400 ug/mL
							2-Nitrophenol	400 ug/mL
							3 & 4 Methylphenol	400 ug/mL
							4,6-Dinitro-2-methylphenol	400 ug/mL
							4-Chloro-3-methylphenol	400 ug/mL
							4-Nitrophenol	400 ug/mL
							Benzoic acid	400 ug/mL
							Benzyl alcohol	400 ug/mL
							Pentachlorophenol	400 ug/mL
							Phenol	400 ug/mL
							Phenol-d5 (Surr)	400 ug/mL
..SM8270TCL2_00003	04/30/13		RESTEK, Lot A081245		(Purchased Reagent)		2,4-Toluene diamine	400 ug/mL
							2-Nitroaniline	400 ug/mL
							3,3'-Dichlorobenzidine	400 ug/mL
							3,3'-Dimethoxybenzidine	400 ug/mL
							3-Nitroaniline	400 ug/mL
							4,4'-Methylene bis(2-chloroaniline)	400 ug/mL
							4-Chloroaniline	400 ug/mL
							4-Nitroaniline	400 ug/mL
							Aniline	400 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Atrazine	400 ug/mL
							Benzidine	400 ug/mL
							N-Nitrosodi-n-propylamine	400 ug/mL
							N-Nitrosodimethylamine	400 ug/mL
							N-Nitrosodiphenylamine	400 ug/mL
							Pyridine	400 ug/mL
..SM8270TCL3DPH_00002	12/31/14		Restek, Lot A083779		(Purchased Reagent)		1,1'-Biphenyl	400 ug/mL
							1,2-Diphenylhydrazine	400 ug/mL
							1-Methylnaphthalene	400 ug/mL
							2-Methylnaphthalene	400 ug/mL
							Acenaphthene	400 ug/mL
							Acenaphthylene	400 ug/mL
							Acetophenone	400 ug/mL
							Anthracene	400 ug/mL
							Azobenzene	400 ug/mL
							Benzo[a]anthracene	400 ug/mL
							Benzo[a]pyrene	400 ug/mL
							Benzo[b]fluoranthene	400 ug/mL
							Benzo[g,h,i]perylene	400 ug/mL
							Benzo[k]fluoranthene	400 ug/mL
							Bis(2-ethylhexyl) phthalate	400 ug/mL
							Butyl benzyl phthalate	400 ug/mL
							Caprolactam	400 ug/mL
							Carbazole	400 ug/mL
							Chrysene	400 ug/mL
							Di-n-butyl phthalate	400 ug/mL
							Di-n-octyl phthalate	400 ug/mL
							Dibenz(a,h)anthracene	400 ug/mL
							Dibenzofuran	400 ug/mL
							Diethyl phthalate	400 ug/mL
							Dimethyl phthalate	400 ug/mL
							Ethyl methacrylate	400 ug/mL
							Fluoranthene	400 ug/mL
							Fluorene	400 ug/mL
							Indeno[1,2,3-cd]pyrene	400 ug/mL
							Isophorone	400 ug/mL
							Naphthalene	400 ug/mL
							Phenanthrene	400 ug/mL
							Pyrene	400 ug/mL
..SM8270TCL4_00004	05/31/14		Restek, Lot A081933		(Purchased Reagent)		1,2,3,5-Tetrachlorobenzene	400 ug/mL
							1,2,4-Trichlorobenzene	400 ug/mL
							1,2-Dichlorobenzene	400 ug/mL
							1,2-Dinitrobenzene	400 ug/mL
							1,3,5-Trichlorobenzene	400 ug/mL
							1,3-Dichlorobenzene	400 ug/mL
							2,4-Dinitrotoluene	400 ug/mL
							2,6-Dinitrotoluene	400 ug/mL
							2-Chloronaphthalene	400 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Fluorobiphenyl (Surr)	400 ug/mL
							3-Chloropropionitrile	400 ug/mL
							4-Bromophenyl phenyl ether	400 ug/mL
							4-Chlorophenyl phenyl ether	400 ug/mL
							Benzaldehyde	400 ug/mL
							bis (2-chloroisopropyl) ether	400 ug/mL
							Bis(2-chloroethoxy)methane	400 ug/mL
							Bis(2-chloroethyl)ether	400 ug/mL
							Hexachlorobenzene	400 ug/mL
							Hexachlorobutadiene	400 ug/mL
							Hexachlorocyclopentadiene	400 ug/mL
							Hexachloroethane	400 ug/mL
							Malononitrile	400 ug/mL
							Nitrobenzene	400 ug/mL
							Nitrobenzene-d5 (Surr)	400 ug/mL
							Terphenyl-d14 (Surr)	400 ug/mL
SMTCL L7 W_00007	04/30/13	09/10/12	MECL2, Lot 0000001289	2 mL	SMIS80PPMW_00006	100 uL	1,4-Dichlorobenzene-d4	4 ug/mL
							Acenaphthene-d10	4 ug/mL
							Chrysene-d12	4 ug/mL
							Naphthalene-d8	4 ug/mL
							Perylene-d12	4 ug/mL
							Phenanthrene-d10	4 ug/mL
					SMSUP ST_00003	300 uL	2,4-Dinitrophenol	30 ug/mL
							Benzoic acid	30 ug/mL
							Pentachlorophenol	30 ug/mL
					SMTCL DPH ST_00003	300 uL	1,4-Dichlorobenzene	15 ug/mL
							1,4-Dioxane	15 ug/mL
							2,3,5,6-Tetrachlorophenol	15 ug/mL
							2,4,5-Trichlorophenol	15 ug/mL
							2,4,6-Tribromophenol (Surr)	15 ug/mL
							2,4,6-Trichlorophenol	15 ug/mL
							2,4-Dichlorophenol	15 ug/mL
							2,4-Dimethylphenol	15 ug/mL
							2,4-Dinitrophenol	30 ug/mL
							2-Chlorophenol	15 ug/mL
							2-Fluorophenol (Surr)	15 ug/mL
							2-Methylphenol	15 ug/mL
							2-Nitrophenol	15 ug/mL
							3 & 4 Methylphenol	15 ug/mL
							4,6-Dinitro-2-methylphenol	15 ug/mL
							4-Chloro-3-methylphenol	15 ug/mL
							4-Nitrophenol	15 ug/mL
							Benzoic acid	30 ug/mL
							Benzyl alcohol	15 ug/mL
							Pentachlorophenol	30 ug/mL
							Phenol	15 ug/mL
							Phenol-d5 (Surr)	15 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2,4-Toluene diamine	15 ug/mL
							2-Nitroaniline	15 ug/mL
							3,3'-Dichlorobenzidine	15 ug/mL
							3,3'-Dimethoxybenzidine	15 ug/mL
							3-Nitroaniline	15 ug/mL
							4,4'-Methylene bis(2-chloroaniline)	15 ug/mL
							4-Chloroaniline	15 ug/mL
							4-Nitroaniline	15 ug/mL
							Aniline	15 ug/mL
							Atrazine	15 ug/mL
							Benzidine	15 ug/mL
							N-Nitrosodi-n-propylamine	15 ug/mL
							N-Nitrosodimethylamine	15 ug/mL
							N-Nitrosodiphenylamine	15 ug/mL
							Pyridine	15 ug/mL
							1,1'-Biphenyl	15 ug/mL
							1,2-Diphenylhydrazine	15 ug/mL
							1-Methylnaphthalene	15 ug/mL
							2-Methylnaphthalene	15 ug/mL
							Acenaphthene	15 ug/mL
							Acenaphthylene	15 ug/mL
							Acetophenone	15 ug/mL
							Anthracene	15 ug/mL
							Azobenzene	15 ug/mL
							Benzo[a]anthracene	15 ug/mL
							Benzo[a]pyrene	15 ug/mL
							Benzo[b]fluoranthene	15 ug/mL
							Benzo[g,h,i]perylene	15 ug/mL
							Benzo[k]fluoranthene	15 ug/mL
							Bis(2-ethylhexyl) phthalate	15 ug/mL
							Butyl benzyl phthalate	15 ug/mL
							Caprolactam	15 ug/mL
							Carbazole	15 ug/mL
							Chrysene	15 ug/mL
							Di-n-butyl phthalate	15 ug/mL
							Di-n-octyl phthalate	15 ug/mL
							Dibenz(a,h)anthracene	15 ug/mL
							Dibenzofuran	15 ug/mL
							Diethyl phthalate	15 ug/mL
							Dimethyl phthalate	15 ug/mL
							Ethyl methacrylate	15 ug/mL
							Fluoranthene	15 ug/mL
							Fluorene	15 ug/mL
							Indeno[1,2,3-cd]pyrene	15 ug/mL
							Isophorone	15 ug/mL
							Naphthalene	15 ug/mL
							Phenanthrene	15 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Pyrene	15 ug/mL
							1,2,3,5-Tetrachlorobenzene	15 ug/mL
							1,2,4-Trichlorobenzene	15 ug/mL
							1,2-Dichlorobenzene	15 ug/mL
							1,2-Dinitrobenzene	15 ug/mL
							1,3,5-Trichlorobenzene	15 ug/mL
							1,3-Dichlorobenzene	15 ug/mL
							2,4-Dinitrotoluene	15 ug/mL
							2,6-Dinitrotoluene	15 ug/mL
							2-Chloronaphthalene	15 ug/mL
							2-Fluorobiphenyl (Surr)	15 ug/mL
							3-Chloropropionitrile	15 ug/mL
							4-Bromophenyl phenyl ether	15 ug/mL
							4-Chlorophenyl phenyl ether	15 ug/mL
							Benzaldehyde	15 ug/mL
							bis (2-chloroisopropyl) ether	15 ug/mL
							Bis(2-chloroethoxy)methane	15 ug/mL
							Bis(2-chloroethyl)ether	15 ug/mL
							Hexachlorobenzene	15 ug/mL
							Hexachlorobutadiene	15 ug/mL
							Hexachlorocyclopentadiene	15 ug/mL
							Hexachloroethane	15 ug/mL
							Malononitrile	15 ug/mL
							Nitrobenzene	15 ug/mL
							Nitrobenzene-d5 (Surr)	15 ug/mL
							Terphenyl-d14 (Surr)	15 ug/mL
.SMIS80PPMW_00006	09/11/13	09/10/12	MECL2, Lot 0000001289	50 mL	SMIS_00004	1 mL	1,4-Dichlorobenzene-d4	80 ug/mL
							Acenaphthene-d10	80 ug/mL
							Chrysene-d12	80 ug/mL
							Naphthalene-d8	80 ug/mL
							Perylene-d12	80 ug/mL
							Phenanthrene-d10	80 ug/mL
..SMIS_00004	06/30/14	UltraScientific, Lot CH-1761			(Purchased Reagent)		1,4-Dichlorobenzene-d4	4000 ug/mL
							Acenaphthene-d10	4000 ug/mL
							Chrysene-d12	4000 ug/mL
							Naphthalene-d8	4000 ug/mL
							Perylene-d12	4000 ug/mL
							Phenanthrene-d10	4000 ug/mL
.SMSUP ST_00003	09/10/13	09/10/12	MECL2, Lot 0000001289	10 mL	SMACIDSUP1_00003	200 uL	2,4-Dinitrophenol	100 ug/mL
					SMACIDSUP2_00003	500 uL	Benzoic acid	100 ug/mL
					SMACIDSUP3_00003	500 uL	Pentachlorophenol	100 ug/mL
..SMACIDSUP1_00003	04/10/17	Absolute Standard, Lot B7040078			(Purchased Reagent)		2,4-Dinitrophenol	5000 ug/mL
..SMACIDSUP2_00003	06/07/21	Absolute Standards, Lot 211061093			(Purchased Reagent)		Benzoic acid	2000 ug/mL
..SMACIDSUP3_00003	04/01/21	Absolute Standards, Lot 211041014			(Purchased Reagent)		Pentachlorophenol	2000 ug/mL
.SMTCL DPH ST_00003	04/30/13	09/10/12	MECL2, Lot 0000001289	8 mL	SM8270TCL1_00003	2 mL	1,4-Dichlorobenzene	100 ug/mL
							1,4-Dioxane	100 ug/mL
							2,3,5,6-Tetrachlorophenol	100 ug/mL
							2,4,5-Trichlorophenol	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2,4,6-Tribromophenol (Surr)	100 ug/mL
							2,4,6-Trichlorophenol	100 ug/mL
							2,4-Dichlorophenol	100 ug/mL
							2,4-Dimethylphenol	100 ug/mL
							2,4-Dinitrophenol	100 ug/mL
							2-Chlorophenol	100 ug/mL
							2-Fluorophenol (Surr)	100 ug/mL
							2-Methylphenol	100 ug/mL
							2-Nitrophenol	100 ug/mL
							3 & 4 Methylphenol	100 ug/mL
							4,6-Dinitro-2-methylphenol	100 ug/mL
							4-Chloro-3-methylphenol	100 ug/mL
							4-Nitrophenol	100 ug/mL
							Benzoic acid	100 ug/mL
							Benzyl alcohol	100 ug/mL
							Pentachlorophenol	100 ug/mL
							Phenol	100 ug/mL
							Phenol-d5 (Surr)	100 ug/mL
					SM8270TCL2_00003	2 mL	2,4-Toluene diamine	100 ug/mL
							2-Nitroaniline	100 ug/mL
							3,3'-Dichlorobenzidine	100 ug/mL
							3,3'-Dimethoxybenzidine	100 ug/mL
							3-Nitroaniline	100 ug/mL
							4,4'-Methylene bis(2-chloroaniline)	100 ug/mL
							4-Chloroaniline	100 ug/mL
							4-Nitroaniline	100 ug/mL
							Aniline	100 ug/mL
							Atrazine	100 ug/mL
							Benzidine	100 ug/mL
							N-Nitrosodi-n-propylamine	100 ug/mL
							N-Nitrosodimethylamine	100 ug/mL
							N-Nitrosodiphenylamine	100 ug/mL
							Pyridine	100 ug/mL
					SM8270TCL3DPH_00002	2 mL	1,1'-Biphenyl	100 ug/mL
							1,2-Diphenylhydrazine	100 ug/mL
							1-Methylnaphthalene	100 ug/mL
							2-Methylnaphthalene	100 ug/mL
							Acenaphthene	100 ug/mL
							Acenaphthylene	100 ug/mL
							Acetophenone	100 ug/mL
							Anthracene	100 ug/mL
							Azobenzene	100 ug/mL
							Benzo[a]anthracene	100 ug/mL
							Benzo[a]pyrene	100 ug/mL
							Benzo[b]fluoranthene	100 ug/mL
							Benzo[g,h,i]perylene	100 ug/mL
							Benzo[k]fluoranthene	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bis(2-ethylhexyl) phthalate	100 ug/mL
							Butyl benzyl phthalate	100 ug/mL
							Caprolactam	100 ug/mL
							Carbazole	100 ug/mL
							Chrysene	100 ug/mL
							Di-n-butyl phthalate	100 ug/mL
							Di-n-octyl phthalate	100 ug/mL
							Dibenz(a,h)anthracene	100 ug/mL
							Dibenzofuran	100 ug/mL
							Diethyl phthalate	100 ug/mL
							Dimethyl phthalate	100 ug/mL
							Ethyl methacrylate	100 ug/mL
							Fluoranthene	100 ug/mL
							Fluorene	100 ug/mL
							Indeno[1,2,3-cd]pyrene	100 ug/mL
							Isophorone	100 ug/mL
							Naphthalene	100 ug/mL
							Phenanthrene	100 ug/mL
							Pyrene	100 ug/mL
					SM8270TCL4_00004	2 mL	1,2,3,5-Tetrachlorobenzene	100 ug/mL
							1,2,4-Trichlorobenzene	100 ug/mL
							1,2-Dichlorobenzene	100 ug/mL
							1,2-Dinitrobenzene	100 ug/mL
							1,3,5-Trichlorobenzene	100 ug/mL
							1,3-Dichlorobenzene	100 ug/mL
							2,4-Dinitrotoluene	100 ug/mL
							2,6-Dinitrotoluene	100 ug/mL
							2-Chloronaphthalene	100 ug/mL
							2-Fluorobiphenyl (Surr)	100 ug/mL
							3-Chloropropionitrile	100 ug/mL
							4-Bromophenyl phenyl ether	100 ug/mL
							4-Chlorophenyl phenyl ether	100 ug/mL
							Benzaldehyde	100 ug/mL
							bis (2-chloroisopropyl) ether	100 ug/mL
							Bis(2-chloroethoxy)methane	100 ug/mL
							Bis(2-chloroethyl)ether	100 ug/mL
							Hexachlorobenzene	100 ug/mL
							Hexachlorobutadiene	100 ug/mL
							Hexachlorocyclopentadiene	100 ug/mL
							Hexachloroethane	100 ug/mL
							Malononitrile	100 ug/mL
							Nitrobenzene	100 ug/mL
							Nitrobenzene-d5 (Surr)	100 ug/mL
							Terphenyl-d14 (Surr)	100 ug/mL
..SM8270TCL1_00003	05/31/16		RESTEK, Lot A081795		(Purchased Reagent)		1,4-Dichlorobenzene	400 ug/mL
							1,4-Dioxane	400 ug/mL
							2,3,5,6-Tetrachlorophenol	400 ug/mL
							2,4,5-Trichlorophenol	400 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2,4,6-Tribromophenol (Surr)	400 ug/mL
							2,4,6-Trichlorophenol	400 ug/mL
							2,4-Dichlorophenol	400 ug/mL
							2,4-Dimethylphenol	400 ug/mL
							2,4-Dinitrophenol	400 ug/mL
							2-Chlorophenol	400 ug/mL
							2-Fluorophenol (Surr)	400 ug/mL
							2-Methylphenol	400 ug/mL
							2-Nitrophenol	400 ug/mL
							3 & 4 Methylphenol	400 ug/mL
							4,6-Dinitro-2-methylphenol	400 ug/mL
							4-Chloro-3-methylphenol	400 ug/mL
							4-Nitrophenol	400 ug/mL
							Benzoic acid	400 ug/mL
							Benzyl alcohol	400 ug/mL
							Pentachlorophenol	400 ug/mL
							Phenol	400 ug/mL
							Phenol-d5 (Surr)	400 ug/mL
..SM8270TCL2_00003	04/30/13		RESTEK, Lot A081245		(Purchased Reagent)		2,4-Toluene diamine	400 ug/mL
							2-Nitroaniline	400 ug/mL
							3,3'-Dichlorobenzidine	400 ug/mL
							3,3'-Dimethoxybenzidine	400 ug/mL
							3-Nitroaniline	400 ug/mL
							4,4'-Methylene bis(2-chloroaniline)	400 ug/mL
							4-Chloroaniline	400 ug/mL
							4-Nitroaniline	400 ug/mL
							Aniline	400 ug/mL
							Atrazine	400 ug/mL
							Benzidine	400 ug/mL
							N-Nitrosodi-n-propylamine	400 ug/mL
							N-Nitrosodimethylamine	400 ug/mL
							N-Nitrosodiphenylamine	400 ug/mL
							Pyridine	400 ug/mL
..SM8270TCL3DPH_00002	12/31/14		Restek, Lot A083779		(Purchased Reagent)		1,1'-Biphenyl	400 ug/mL
							1,2-Diphenylhydrazine	400 ug/mL
							1-Methylnaphthalene	400 ug/mL
							2-Methylnaphthalene	400 ug/mL
							Acenaphthene	400 ug/mL
							Acenaphthylene	400 ug/mL
							Acetophenone	400 ug/mL
							Anthracene	400 ug/mL
							Azobenzene	400 ug/mL
							Benzo[a]anthracene	400 ug/mL
							Benzo[a]pyrene	400 ug/mL
							Benzo[b]fluoranthene	400 ug/mL
							Benzo[g,h,i]perylene	400 ug/mL
							Benzo[k]fluoranthene	400 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bis(2-ethylhexyl) phthalate	400 ug/mL
							Butyl benzyl phthalate	400 ug/mL
							Caprolactam	400 ug/mL
							Carbazole	400 ug/mL
							Chrysene	400 ug/mL
							Di-n-butyl phthalate	400 ug/mL
							Di-n-octyl phthalate	400 ug/mL
							Dibenz(a,h)anthracene	400 ug/mL
							Dibenzofuran	400 ug/mL
							Diethyl phthalate	400 ug/mL
							Dimethyl phthalate	400 ug/mL
							Ethyl methacrylate	400 ug/mL
							Fluoranthene	400 ug/mL
							Fluorene	400 ug/mL
							Indeno[1,2,3-cd]pyrene	400 ug/mL
							Isophorone	400 ug/mL
							Naphthalene	400 ug/mL
							Phenanthrene	400 ug/mL
							Pyrene	400 ug/mL
..SM8270TCL4_00004	05/31/14		Restek, Lot A081933		(Purchased Reagent)		1,2,3,5-Tetrachlorobenzene	400 ug/mL
							1,2,4-Trichlorobenzene	400 ug/mL
							1,2-Dichlorobenzene	400 ug/mL
							1,2-Dinitrobenzene	400 ug/mL
							1,3,5-Trichlorobenzene	400 ug/mL
							1,3-Dichlorobenzene	400 ug/mL
							2,4-Dinitrotoluene	400 ug/mL
							2,6-Dinitrotoluene	400 ug/mL
							2-Chloronaphthalene	400 ug/mL
							2-Fluorobiphenyl (Surr)	400 ug/mL
							3-Chloropropionitrile	400 ug/mL
							4-Bromophenyl phenyl ether	400 ug/mL
							4-Chlorophenyl phenyl ether	400 ug/mL
							Benzaldehyde	400 ug/mL
							bis (2-chloroisopropyl) ether	400 ug/mL
							Bis(2-chloroethoxy)methane	400 ug/mL
							Bis(2-chloroethyl)ether	400 ug/mL
							Hexachlorobenzene	400 ug/mL
							Hexachlorobutadiene	400 ug/mL
							Hexachlorocyclopentadiene	400 ug/mL
							Hexachloroethane	400 ug/mL
							Malononitrile	400 ug/mL
							Nitrobenzene	400 ug/mL
							Nitrobenzene-d5 (Surr)	400 ug/mL
							Terphenyl-d14 (Surr)	400 ug/mL
SMTCL L8 W_00007	04/30/13	09/10/12	MECL2, Lot 0000001289	2 mL	SMIS80PPMW_00006	100 uL	1,4-Dichlorobenzene-d4	4 ug/mL
							Acenaphthene-d10	4 ug/mL
							Chrysene-d12	4 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Naphthalene-d8	4 ug/mL
							Perylene-d12	4 ug/mL
							Phenanthrene-d10	4 ug/mL
					SMSUP ST_00003	400 uL	2,4-Dinitrophenol	40 ug/mL
							Benzoic acid	40 ug/mL
							Pentachlorophenol	40 ug/mL
					SMTCL DPH ST_00003	400 uL	1,4-Dichlorobenzene	20 ug/mL
							1,4-Dioxane	20 ug/mL
							2,3,5,6-Tetrachlorophenol	20 ug/mL
							2,4,5-Trichlorophenol	20 ug/mL
							2,4,6-Tribromophenol (Surr)	20 ug/mL
							2,4,6-Trichlorophenol	20 ug/mL
							2,4-Dichlorophenol	20 ug/mL
							2,4-Dimethylphenol	20 ug/mL
							2,4-Dinitrophenol	40 ug/mL
							2-Chlorophenol	20 ug/mL
							2-Fluorophenol (Surr)	20 ug/mL
							2-Methylphenol	20 ug/mL
							2-Nitrophenol	20 ug/mL
							3 & 4 Methylphenol	20 ug/mL
							4,6-Dinitro-2-methylphenol	20 ug/mL
							4-Chloro-3-methylphenol	20 ug/mL
							4-Nitrophenol	20 ug/mL
							Benzoic acid	40 ug/mL
							Benzyl alcohol	20 ug/mL
							Pentachlorophenol	40 ug/mL
							Phenol	20 ug/mL
							Phenol-d5 (Surr)	20 ug/mL
							2,4-Toluene diamine	20 ug/mL
							2-Nitroaniline	20 ug/mL
							3,3'-Dichlorobenzidine	20 ug/mL
							3,3'-Dimethoxybenzidine	20 ug/mL
							3-Nitroaniline	20 ug/mL
							4,4'-Methylene bis(2-chloroaniline)	20 ug/mL
							4-Chloroaniline	20 ug/mL
							4-Nitroaniline	20 ug/mL
							Aniline	20 ug/mL
							Atrazine	20 ug/mL
							Benzidine	20 ug/mL
							N-Nitrosodi-n-propylamine	20 ug/mL
							N-Nitrosodimethylamine	20 ug/mL
							N-Nitrosodiphenylamine	20 ug/mL
							Pyridine	20 ug/mL
							1,1'-Biphenyl	20 ug/mL
							1,2-Diphenylhydrazine	20 ug/mL
							1-Methylnaphthalene	20 ug/mL
							2-Methylnaphthalene	20 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Acenaphthene	20 ug/mL
							Acenaphthylene	20 ug/mL
							Acetophenone	20 ug/mL
							Anthracene	20 ug/mL
							Azobenzene	20 ug/mL
							Benzo[a]anthracene	20 ug/mL
							Benzo[a]pyrene	20 ug/mL
							Benzo[b]fluoranthene	20 ug/mL
							Benzo[g,h,i]perylene	20 ug/mL
							Benzo[k]fluoranthene	20 ug/mL
							Bis(2-ethylhexyl) phthalate	20 ug/mL
							Butyl benzyl phthalate	20 ug/mL
							Caprolactam	20 ug/mL
							Carbazole	20 ug/mL
							Chrysene	20 ug/mL
							Di-n-butyl phthalate	20 ug/mL
							Di-n-octyl phthalate	20 ug/mL
							Dibenz(a,h)anthracene	20 ug/mL
							Dibenzofuran	20 ug/mL
							Diethyl phthalate	20 ug/mL
							Dimethyl phthalate	20 ug/mL
							Ethyl methacrylate	20 ug/mL
							Fluoranthene	20 ug/mL
							Fluorene	20 ug/mL
							Indeno[1,2,3-cd]pyrene	20 ug/mL
							Isophorone	20 ug/mL
							Naphthalene	20 ug/mL
							Phenanthrene	20 ug/mL
							Pyrene	20 ug/mL
							1,2,3,5-Tetrachlorobenzene	20 ug/mL
							1,2,4-Trichlorobenzene	20 ug/mL
							1,2-Dichlorobenzene	20 ug/mL
							1,2-Dinitrobenzene	20 ug/mL
							1,3,5-Trichlorobenzene	20 ug/mL
							1,3-Dichlorobenzene	20 ug/mL
							2,4-Dinitrotoluene	20 ug/mL
							2,6-Dinitrotoluene	20 ug/mL
							2-Chloronaphthalene	20 ug/mL
							2-Fluorobiphenyl (Surr)	20 ug/mL
							3-Chloropropionitrile	20 ug/mL
							4-Bromophenyl phenyl ether	20 ug/mL
							4-Chlorophenyl phenyl ether	20 ug/mL
							Benzaldehyde	20 ug/mL
							bis (2-chloroisopropyl) ether	20 ug/mL
							Bis(2-chloroethoxy)methane	20 ug/mL
							Bis(2-chloroethyl)ether	20 ug/mL
							Hexachlorobenzene	20 ug/mL
							Hexachlorobutadiene	20 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Hexachlorocyclopentadiene	20 ug/mL
							Hexachloroethane	20 ug/mL
							Malononitrile	20 ug/mL
							Nitrobenzene	20 ug/mL
							Nitrobenzene-d5 (Surr)	20 ug/mL
							Terphenyl-d14 (Surr)	20 ug/mL
.SMIS80PPMW_00006	09/11/13	09/10/12	MECL2, Lot 0000001289	50 mL	SMIS_00004	1 mL	1,4-Dichlorobenzene-d4	80 ug/mL
							Acenaphthene-d10	80 ug/mL
							Chrysene-d12	80 ug/mL
							Naphthalene-d8	80 ug/mL
							Perylene-d12	80 ug/mL
							Phenanthrene-d10	80 ug/mL
..SMIS_00004	06/30/14	UltraScientific, Lot CH-1761			(Purchased Reagent)		1,4-Dichlorobenzene-d4	4000 ug/mL
							Acenaphthene-d10	4000 ug/mL
							Chrysene-d12	4000 ug/mL
							Naphthalene-d8	4000 ug/mL
							Perylene-d12	4000 ug/mL
							Phenanthrene-d10	4000 ug/mL
.SMSUP ST_00003	09/10/13	09/10/12	MECL2, Lot 0000001289	10 mL	SMACIDSUP1_00003	200 uL	2,4-Dinitrophenol	100 ug/mL
					SMACIDSUP2_00003	500 uL	Benzoic acid	100 ug/mL
					SMACIDSUP3_00003	500 uL	Pentachlorophenol	100 ug/mL
..SMACIDSUP1_00003	04/10/17	Absolute Standard, Lot B7040078			(Purchased Reagent)		2,4-Dinitrophenol	5000 ug/mL
..SMACIDSUP2_00003	06/07/21	Absolute Standards, Lot 211061093			(Purchased Reagent)		Benzoic acid	2000 ug/mL
..SMACIDSUP3_00003	04/01/21	Absolute Standards, Lot 211041014			(Purchased Reagent)		Pentachlorophenol	2000 ug/mL
.SMTCL DPH ST_00003	04/30/13	09/10/12	MECL2, Lot 0000001289	8 mL	SM8270TCL1_00003	2 mL	1,4-Dichlorobenzene	100 ug/mL
							1,4-Dioxane	100 ug/mL
							2,3,5,6-Tetrachlorophenol	100 ug/mL
							2,4,5-Trichlorophenol	100 ug/mL
							2,4,6-Tribromophenol (Surr)	100 ug/mL
							2,4,6-Trichlorophenol	100 ug/mL
							2,4-Dichlorophenol	100 ug/mL
							2,4-Dimethylphenol	100 ug/mL
							2,4-Dinitrophenol	100 ug/mL
							2-Chlorophenol	100 ug/mL
							2-Fluorophenol (Surr)	100 ug/mL
							2-Methylphenol	100 ug/mL
							2-Nitrophenol	100 ug/mL
							3 & 4 Methylphenol	100 ug/mL
							4,6-Dinitro-2-methylphenol	100 ug/mL
							4-Chloro-3-methylphenol	100 ug/mL
							4-Nitrophenol	100 ug/mL
							Benzoic acid	100 ug/mL
							Benzyl alcohol	100 ug/mL
							Pentachlorophenol	100 ug/mL
							Phenol	100 ug/mL
							Phenol-d5 (Surr)	100 ug/mL
					SM8270TCL2_00003	2 mL	2,4-Toluene diamine	100 ug/mL
							2-Nitroaniline	100 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							3,3'-Dichlorobenzidine	100 ug/mL
							3,3'-Dimethoxybenzidine	100 ug/mL
							3-Nitroaniline	100 ug/mL
							4,4'-Methylene bis(2-chloroaniline)	100 ug/mL
							4-Chloroaniline	100 ug/mL
							4-Nitroaniline	100 ug/mL
							Aniline	100 ug/mL
							Atrazine	100 ug/mL
							Benzidine	100 ug/mL
							N-Nitrosodi-n-propylamine	100 ug/mL
							N-Nitrosodimethylamine	100 ug/mL
							N-Nitrosodiphenylamine	100 ug/mL
							Pyridine	100 ug/mL
					SM8270TCL3DPH_00002	2 mL	1,1'-Biphenyl	100 ug/mL
							1,2-Diphenylhydrazine	100 ug/mL
							1-Methylnaphthalene	100 ug/mL
							2-Methylnaphthalene	100 ug/mL
							Acenaphthene	100 ug/mL
							Acenaphthylene	100 ug/mL
							Acetophenone	100 ug/mL
							Anthracene	100 ug/mL
							Azobenzene	100 ug/mL
							Benzo[a]anthracene	100 ug/mL
							Benzo[a]pyrene	100 ug/mL
							Benzo[b]fluoranthene	100 ug/mL
							Benzo[g,h,i]perylene	100 ug/mL
							Benzo[k]fluoranthene	100 ug/mL
							Bis(2-ethylhexyl) phthalate	100 ug/mL
							Butyl benzyl phthalate	100 ug/mL
							Caprolactam	100 ug/mL
							Carbazole	100 ug/mL
							Chrysene	100 ug/mL
							Di-n-butyl phthalate	100 ug/mL
							Di-n-octyl phthalate	100 ug/mL
							Dibenz(a,h)anthracene	100 ug/mL
							Dibenzofuran	100 ug/mL
							Diethyl phthalate	100 ug/mL
							Dimethyl phthalate	100 ug/mL
							Ethyl methacrylate	100 ug/mL
							Fluoranthene	100 ug/mL
							Fluorene	100 ug/mL
							Indeno[1,2,3-cd]pyrene	100 ug/mL
							Isophorone	100 ug/mL
							Naphthalene	100 ug/mL
							Phenanthrene	100 ug/mL
							Pyrene	100 ug/mL
					SM8270TCL4_00004	2 mL	1,2,3,5-Tetrachlorobenzene	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,4-Trichlorobenzene	100 ug/mL
							1,2-Dichlorobenzene	100 ug/mL
							1,2-Dinitrobenzene	100 ug/mL
							1,3,5-Trichlorobenzene	100 ug/mL
							1,3-Dichlorobenzene	100 ug/mL
							2,4-Dinitrotoluene	100 ug/mL
							2,6-Dinitrotoluene	100 ug/mL
							2-Chloronaphthalene	100 ug/mL
							2-Fluorobiphenyl (Surr)	100 ug/mL
							3-Chloropropionitrile	100 ug/mL
							4-Bromophenyl phenyl ether	100 ug/mL
							4-Chlorophenyl phenyl ether	100 ug/mL
							Benzaldehyde	100 ug/mL
							bis (2-chloroisopropyl) ether	100 ug/mL
							Bis(2-chloroethoxy)methane	100 ug/mL
							Bis(2-chloroethyl)ether	100 ug/mL
							Hexachlorobenzene	100 ug/mL
							Hexachlorobutadiene	100 ug/mL
							Hexachlorocyclopentadiene	100 ug/mL
							Hexachloroethane	100 ug/mL
							Malononitrile	100 ug/mL
							Nitrobenzene	100 ug/mL
							Nitrobenzene-d5 (Surr)	100 ug/mL
							Terphenyl-d14 (Surr)	100 ug/mL
..SM8270TCL1_00003	05/31/16		RESTEK, Lot A081795		(Purchased Reagent)		1,4-Dichlorobenzene	400 ug/mL
							1,4-Dioxane	400 ug/mL
							2,3,5,6-Tetrachlorophenol	400 ug/mL
							2,4,5-Trichlorophenol	400 ug/mL
							2,4,6-Tribromophenol (Surr)	400 ug/mL
							2,4,6-Trichlorophenol	400 ug/mL
							2,4-Dichlorophenol	400 ug/mL
							2,4-Dimethylphenol	400 ug/mL
							2,4-Dinitrophenol	400 ug/mL
							2-Chlorophenol	400 ug/mL
							2-Fluorophenol (Surr)	400 ug/mL
							2-Methylphenol	400 ug/mL
							2-Nitrophenol	400 ug/mL
							3 & 4 Methylphenol	400 ug/mL
							4,6-Dinitro-2-methylphenol	400 ug/mL
							4-Chloro-3-methylphenol	400 ug/mL
							4-Nitrophenol	400 ug/mL
							Benzoic acid	400 ug/mL
							Benzyl alcohol	400 ug/mL
							Pentachlorophenol	400 ug/mL
							Phenol	400 ug/mL
							Phenol-d5 (Surr)	400 ug/mL
..SM8270TCL2_00003	04/30/13		RESTEK, Lot A081245		(Purchased Reagent)		2,4-Toluene diamine	400 ug/mL
							2-Nitroaniline	400 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							3,3'-Dichlorobenzidine	400 ug/mL
							3,3'-Dimethoxybenzidine	400 ug/mL
							3-Nitroaniline	400 ug/mL
							4,4'-Methylene bis(2-chloroaniline)	400 ug/mL
							4-Chloroaniline	400 ug/mL
							4-Nitroaniline	400 ug/mL
							Aniline	400 ug/mL
							Atrazine	400 ug/mL
							Benzidine	400 ug/mL
							N-Nitrosodi-n-propylamine	400 ug/mL
							N-Nitrosodimethylamine	400 ug/mL
							N-Nitrosodiphenylamine	400 ug/mL
							Pyridine	400 ug/mL
..SM8270TCL3DPH_00002	12/31/14		Restek, Lot A083779		(Purchased Reagent)		1,1'-Biphenyl	400 ug/mL
							1,2-Diphenylhydrazine	400 ug/mL
							1-Methylnaphthalene	400 ug/mL
							2-Methylnaphthalene	400 ug/mL
							Acenaphthene	400 ug/mL
							Acenaphthylene	400 ug/mL
							Acetophenone	400 ug/mL
							Anthracene	400 ug/mL
							Azobenzene	400 ug/mL
							Benzo[a]anthracene	400 ug/mL
							Benzo[a]pyrene	400 ug/mL
							Benzo[b]fluoranthene	400 ug/mL
							Benzo[g,h,i]perylene	400 ug/mL
							Benzo[k]fluoranthene	400 ug/mL
							Bis(2-ethylhexyl) phthalate	400 ug/mL
							Butyl benzyl phthalate	400 ug/mL
							Caprolactam	400 ug/mL
							Carbazole	400 ug/mL
							Chrysene	400 ug/mL
							Di-n-butyl phthalate	400 ug/mL
							Di-n-octyl phthalate	400 ug/mL
							Dibenz(a,h)anthracene	400 ug/mL
							Dibenzofuran	400 ug/mL
							Diethyl phthalate	400 ug/mL
							Dimethyl phthalate	400 ug/mL
							Ethyl methacrylate	400 ug/mL
							Fluoranthene	400 ug/mL
							Fluorene	400 ug/mL
							Indeno[1,2,3-cd]pyrene	400 ug/mL
							Isophorone	400 ug/mL
							Naphthalene	400 ug/mL
							Phenanthrene	400 ug/mL
							Pyrene	400 ug/mL
..SM8270TCL4_00004	05/31/14		Restek, Lot A081933		(Purchased Reagent)		1,2,3,5-Tetrachlorobenzene	400 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,4-Trichlorobenzene	400 ug/mL
							1,2-Dichlorobenzene	400 ug/mL
							1,2-Dinitrobenzene	400 ug/mL
							1,3,5-Trichlorobenzene	400 ug/mL
							1,3-Dichlorobenzene	400 ug/mL
							2,4-Dinitrotoluene	400 ug/mL
							2,6-Dinitrotoluene	400 ug/mL
							2-Chloronaphthalene	400 ug/mL
							2-Fluorobiphenyl (Surr)	400 ug/mL
							3-Chloropropionitrile	400 ug/mL
							4-Bromophenyl phenyl ether	400 ug/mL
							4-Chlorophenyl phenyl ether	400 ug/mL
							Benzaldehyde	400 ug/mL
							bis (2-chloroisopropyl) ether	400 ug/mL
							Bis(2-chloroethoxy)methane	400 ug/mL
							Bis(2-chloroethyl)ether	400 ug/mL
							Hexachlorobenzene	400 ug/mL
							Hexachlorobutadiene	400 ug/mL
							Hexachlorocyclopentadiene	400 ug/mL
							Hexachloroethane	400 ug/mL
							Malononitrile	400 ug/mL
							Nitrobenzene	400 ug/mL
							Nitrobenzene-d5 (Surr)	400 ug/mL
							Terphenyl-d14 (Surr)	400 ug/mL
SMTCL L9 W_00007	04/30/13	09/10/12	MECL2, Lot 0000001289	2 mL	SMIS80PPMW_00006	100 uL	1,4-Dichlorobenzene-d4	4 ug/mL
							Acenaphthene-d10	4 ug/mL
							Chrysene-d12	4 ug/mL
							Naphthalene-d8	4 ug/mL
							Perylene-d12	4 ug/mL
							Phenanthrene-d10	4 ug/mL
					SMSUP ST_00003	500 uL	2,4-Dinitrophenol	50 ug/mL
							Benzoic acid	50 ug/mL
							Pentachlorophenol	50 ug/mL
					SMTCL DPH ST_00003	500 uL	1,4-Dichlorobenzene	25 ug/mL
							1,4-Dioxane	25 ug/mL
							2,3,5,6-Tetrachlorophenol	25 ug/mL
							2,4,5-Trichlorophenol	25 ug/mL
							2,4,6-Tribromophenol (Surr)	25 ug/mL
							2,4,6-Trichlorophenol	25 ug/mL
							2,4-Dichlorophenol	25 ug/mL
							2,4-Dimethylphenol	25 ug/mL
							2,4-Dinitrophenol	50 ug/mL
							2-Chlorophenol	25 ug/mL
							2-Fluorophenol (Surr)	25 ug/mL
							2-Methylphenol	25 ug/mL
							2-Nitrophenol	25 ug/mL
							3 & 4 Methylphenol	25 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4,6-Dinitro-2-methylphenol	25 ug/mL
							4-Chloro-3-methylphenol	25 ug/mL
							4-Nitrophenol	25 ug/mL
							Benzoic acid	50 ug/mL
							Benzyl alcohol	25 ug/mL
							Pentachlorophenol	50 ug/mL
							Phenol	25 ug/mL
							Phenol-d5 (Surr)	25 ug/mL
							2,4-Toluene diamine	25 ug/mL
							2-Nitroaniline	25 ug/mL
							3,3'-Dichlorobenzidine	25 ug/mL
							3,3'-Dimethoxybenzidine	25 ug/mL
							3-Nitroaniline	25 ug/mL
							4,4'-Methylene bis(2-chloroaniline)	25 ug/mL
							4-Chloroaniline	25 ug/mL
							4-Nitroaniline	25 ug/mL
							Aniline	25 ug/mL
							Atrazine	25 ug/mL
							Benzidine	25 ug/mL
							N-Nitrosodi-n-propylamine	25 ug/mL
							N-Nitrosodimethylamine	25 ug/mL
							N-Nitrosodiphenylamine	25 ug/mL
							Pyridine	25 ug/mL
							1,1'-Biphenyl	25 ug/mL
							1,2-Diphenylhydrazine	25 ug/mL
							1-Methylnaphthalene	25 ug/mL
							2-Methylnaphthalene	25 ug/mL
							Acenaphthene	25 ug/mL
							Acenaphthylene	25 ug/mL
							Acetophenone	25 ug/mL
							Anthracene	25 ug/mL
							Azobenzene	25 ug/mL
							Benzo[a]anthracene	25 ug/mL
							Benzo[a]pyrene	25 ug/mL
							Benzo[b]fluoranthene	25 ug/mL
							Benzo[g,h,i]perylene	25 ug/mL
							Benzo[k]fluoranthene	25 ug/mL
							Bis(2-ethylhexyl) phthalate	25 ug/mL
							Butyl benzyl phthalate	25 ug/mL
							Caprolactam	25 ug/mL
							Carbazole	25 ug/mL
							Chrysene	25 ug/mL
							Di-n-butyl phthalate	25 ug/mL
							Di-n-octyl phthalate	25 ug/mL
							Dibenz(a,h)anthracene	25 ug/mL
							Dibenzofuran	25 ug/mL
							Diethyl phthalate	25 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Dimethyl phthalate	25 ug/mL
							Ethyl methacrylate	25 ug/mL
							Fluoranthene	25 ug/mL
							Fluorene	25 ug/mL
							Indeno[1,2,3-cd]pyrene	25 ug/mL
							Isophorone	25 ug/mL
							Naphthalene	25 ug/mL
							Phenanthrene	25 ug/mL
							Pyrene	25 ug/mL
							1,2,3,5-Tetrachlorobenzene	25 ug/mL
							1,2,4-Trichlorobenzene	25 ug/mL
							1,2-Dichlorobenzene	25 ug/mL
							1,2-Dinitrobenzene	25 ug/mL
							1,3,5-Trichlorobenzene	25 ug/mL
							1,3-Dichlorobenzene	25 ug/mL
							2,4-Dinitrotoluene	25 ug/mL
							2,6-Dinitrotoluene	25 ug/mL
							2-Chloronaphthalene	25 ug/mL
							2-Fluorobiphenyl (Surr)	25 ug/mL
							3-Chloropropionitrile	25 ug/mL
							4-Bromophenyl phenyl ether	25 ug/mL
							4-Chlorophenyl phenyl ether	25 ug/mL
							Benzaldehyde	25 ug/mL
							bis (2-chloroisopropyl) ether	25 ug/mL
							Bis(2-chloroethoxy)methane	25 ug/mL
							Bis(2-chloroethyl)ether	25 ug/mL
							Hexachlorobenzene	25 ug/mL
							Hexachlorobutadiene	25 ug/mL
							Hexachlorocyclopentadiene	25 ug/mL
							Hexachloroethane	25 ug/mL
							Malononitrile	25 ug/mL
							Nitrobenzene	25 ug/mL
							Nitrobenzene-d5 (Surr)	25 ug/mL
							Terphenyl-d14 (Surr)	25 ug/mL
.SMIS80PPMW_00006	09/11/13	09/10/12	MECL2, Lot 0000001289	50 mL	SMIS_00004	1 mL	1,4-Dichlorobenzene-d4	80 ug/mL
							Acenaphthene-d10	80 ug/mL
							Chrysene-d12	80 ug/mL
							Naphthalene-d8	80 ug/mL
							Perylene-d12	80 ug/mL
							Phenanthrene-d10	80 ug/mL
..SMIS_00004	06/30/14	UltraScientific, Lot CH-1761			(Purchased Reagent)		1,4-Dichlorobenzene-d4	4000 ug/mL
							Acenaphthene-d10	4000 ug/mL
							Chrysene-d12	4000 ug/mL
							Naphthalene-d8	4000 ug/mL
							Perylene-d12	4000 ug/mL
							Phenanthrene-d10	4000 ug/mL
.SMSUP ST_00003	09/10/13	09/10/12	MECL2, Lot 0000001289	10 mL	SMACIDSUP1_00003	200 uL	2,4-Dinitrophenol	100 ug/mL
					SMACIDSUP2_00003	500 uL	Benzoic acid	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					SMACIDSUP3_00003	500 uL	Pentachlorophenol	100 ug/mL
..SMACIDSUP1_00003	04/10/17	Absolute Standard, Lot B7040078			(Purchased Reagent)		2,4-Dinitrophenol	5000 ug/mL
..SMACIDSUP2_00003	06/07/21	Absolute Standards, Lot 211061093			(Purchased Reagent)		Benzoic acid	2000 ug/mL
..SMACIDSUP3_00003	04/01/21	Absolute Standards, Lot 211041014			(Purchased Reagent)		Pentachlorophenol	2000 ug/mL
.SMTCL DPH ST_00003	04/30/13	09/10/12	MECL2, Lot 0000001289	8 mL	SM8270TCL1_00003	2 mL	1,4-Dichlorobenzene	100 ug/mL
							1,4-Dioxane	100 ug/mL
							2,3,5,6-Tetrachlorophenol	100 ug/mL
							2,4,5-Trichlorophenol	100 ug/mL
							2,4,6-Tribromophenol (Surr)	100 ug/mL
							2,4,6-Trichlorophenol	100 ug/mL
							2,4-Dichlorophenol	100 ug/mL
							2,4-Dimethylphenol	100 ug/mL
							2,4-Dinitrophenol	100 ug/mL
							2-Chlorophenol	100 ug/mL
							2-Fluorophenol (Surr)	100 ug/mL
							2-Methylphenol	100 ug/mL
							2-Nitrophenol	100 ug/mL
							3 & 4 Methylphenol	100 ug/mL
							4,6-Dinitro-2-methylphenol	100 ug/mL
							4-Chloro-3-methylphenol	100 ug/mL
							4-Nitrophenol	100 ug/mL
							Benzoic acid	100 ug/mL
							Benzyl alcohol	100 ug/mL
							Pentachlorophenol	100 ug/mL
							Phenol	100 ug/mL
							Phenol-d5 (Surr)	100 ug/mL
					SM8270TCL2_00003	2 mL	2,4-Toluene diamine	100 ug/mL
							2-Nitroaniline	100 ug/mL
							3,3'-Dichlorobenzidine	100 ug/mL
							3,3'-Dimethoxybenzidine	100 ug/mL
							3-Nitroaniline	100 ug/mL
							4,4'-Methylene bis(2-chloroaniline)	100 ug/mL
							4-Chloroaniline	100 ug/mL
							4-Nitroaniline	100 ug/mL
							Aniline	100 ug/mL
							Atrazine	100 ug/mL
							Benzidine	100 ug/mL
							N-Nitrosodi-n-propylamine	100 ug/mL
							N-Nitrosodimethylamine	100 ug/mL
							N-Nitrosodiphenylamine	100 ug/mL
							Pyridine	100 ug/mL
					SM8270TCL3DPH_00002	2 mL	1,1'-Biphenyl	100 ug/mL
							1,2-Diphenylhydrazine	100 ug/mL
							1-Methylnaphthalene	100 ug/mL
							2-Methylnaphthalene	100 ug/mL
							Acenaphthene	100 ug/mL
							Acenaphthylene	100 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Acetophenone	100 ug/mL
							Anthracene	100 ug/mL
							Azobenzene	100 ug/mL
							Benzo[a]anthracene	100 ug/mL
							Benzo[a]pyrene	100 ug/mL
							Benzo[b]fluoranthene	100 ug/mL
							Benzo[g,h,i]perylene	100 ug/mL
							Benzo[k]fluoranthene	100 ug/mL
							Bis(2-ethylhexyl) phthalate	100 ug/mL
							Butyl benzyl phthalate	100 ug/mL
							Caprolactam	100 ug/mL
							Carbazole	100 ug/mL
							Chrysene	100 ug/mL
							Di-n-butyl phthalate	100 ug/mL
							Di-n-octyl phthalate	100 ug/mL
							Dibenz(a,h)anthracene	100 ug/mL
							Dibenzofuran	100 ug/mL
							Diethyl phthalate	100 ug/mL
							Dimethyl phthalate	100 ug/mL
							Ethyl methacrylate	100 ug/mL
							Fluoranthene	100 ug/mL
							Fluorene	100 ug/mL
							Indeno[1,2,3-cd]pyrene	100 ug/mL
							Isophorone	100 ug/mL
							Naphthalene	100 ug/mL
							Phenanthrene	100 ug/mL
							Pyrene	100 ug/mL
					SM8270TCL4_00004	2 mL	1,2,3,5-Tetrachlorobenzene	100 ug/mL
							1,2,4-Trichlorobenzene	100 ug/mL
							1,2-Dichlorobenzene	100 ug/mL
							1,2-Dinitrobenzene	100 ug/mL
							1,3,5-Trichlorobenzene	100 ug/mL
							1,3-Dichlorobenzene	100 ug/mL
							2,4-Dinitrotoluene	100 ug/mL
							2,6-Dinitrotoluene	100 ug/mL
							2-Chloronaphthalene	100 ug/mL
							2-Fluorobiphenyl (Surr)	100 ug/mL
							3-Chloropropionitrile	100 ug/mL
							4-Bromophenyl phenyl ether	100 ug/mL
							4-Chlorophenyl phenyl ether	100 ug/mL
							Benzaldehyde	100 ug/mL
							bis (2-chloroisopropyl) ether	100 ug/mL
							Bis(2-chloroethoxy)methane	100 ug/mL
							Bis(2-chloroethyl)ether	100 ug/mL
							Hexachlorobenzene	100 ug/mL
							Hexachlorobutadiene	100 ug/mL
							Hexachlorocyclopentadiene	100 ug/mL
							Hexachloroethane	100 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Malononitrile	100 ug/mL
							Nitrobenzene	100 ug/mL
							Nitrobenzene-d5 (Surr)	100 ug/mL
							Terphenyl-d14 (Surr)	100 ug/mL
..SM8270TCL1_00003	05/31/16		RESTEK, Lot A081795		(Purchased Reagent)		1,4-Dichlorobenzene	400 ug/mL
							1,4-Dioxane	400 ug/mL
							2,3,5,6-Tetrachlorophenol	400 ug/mL
							2,4,5-Trichlorophenol	400 ug/mL
							2,4,6-Tribromophenol (Surr)	400 ug/mL
							2,4,6-Trichlorophenol	400 ug/mL
							2,4-Dichlorophenol	400 ug/mL
							2,4-Dimethylphenol	400 ug/mL
							2,4-Dinitrophenol	400 ug/mL
							2-Chlorophenol	400 ug/mL
							2-Fluorophenol (Surr)	400 ug/mL
							2-Methylphenol	400 ug/mL
							2-Nitrophenol	400 ug/mL
							3 & 4 Methylphenol	400 ug/mL
							4,6-Dinitro-2-methylphenol	400 ug/mL
							4-Chloro-3-methylphenol	400 ug/mL
							4-Nitrophenol	400 ug/mL
							Benzoic acid	400 ug/mL
							Benzyl alcohol	400 ug/mL
							Pentachlorophenol	400 ug/mL
							Phenol	400 ug/mL
							Phenol-d5 (Surr)	400 ug/mL
..SM8270TCL2_00003	04/30/13		RESTEK, Lot A081245		(Purchased Reagent)		2,4-Toluene diamine	400 ug/mL
							2-Nitroaniline	400 ug/mL
							3,3'-Dichlorobenzidine	400 ug/mL
							3,3'-Dimethoxybenzidine	400 ug/mL
							3-Nitroaniline	400 ug/mL
							4,4'-Methylene bis(2-chloroaniline)	400 ug/mL
							4-Chloroaniline	400 ug/mL
							4-Nitroaniline	400 ug/mL
							Aniline	400 ug/mL
							Atrazine	400 ug/mL
							Benzidine	400 ug/mL
							N-Nitrosodi-n-propylamine	400 ug/mL
							N-Nitrosodimethylamine	400 ug/mL
							N-Nitrosodiphenylamine	400 ug/mL
							Pyridine	400 ug/mL
..SM8270TCL3DPH_00002	12/31/14		Restek, Lot A083779		(Purchased Reagent)		1,1'-Biphenyl	400 ug/mL
							1,2-Diphenylhydrazine	400 ug/mL
							1-Methylnaphthalene	400 ug/mL
							2-Methylnaphthalene	400 ug/mL
							Acenaphthene	400 ug/mL
							Acenaphthylene	400 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Acetophenone	400 ug/mL
							Anthracene	400 ug/mL
							Azobenzene	400 ug/mL
							Benzo[a]anthracene	400 ug/mL
							Benzo[a]pyrene	400 ug/mL
							Benzo[b]fluoranthene	400 ug/mL
							Benzo[g,h,i]perylene	400 ug/mL
							Benzo[k]fluoranthene	400 ug/mL
							Bis(2-ethylhexyl) phthalate	400 ug/mL
							Butyl benzyl phthalate	400 ug/mL
							Caprolactam	400 ug/mL
							Carbazole	400 ug/mL
							Chrysene	400 ug/mL
							Di-n-butyl phthalate	400 ug/mL
							Di-n-octyl phthalate	400 ug/mL
							Dibenz(a,h)anthracene	400 ug/mL
							Dibenzofuran	400 ug/mL
							Diethyl phthalate	400 ug/mL
							Dimethyl phthalate	400 ug/mL
							Ethyl methacrylate	400 ug/mL
							Fluoranthene	400 ug/mL
							Fluorene	400 ug/mL
							Indeno[1,2,3-cd]pyrene	400 ug/mL
							Isophorone	400 ug/mL
							Naphthalene	400 ug/mL
							Phenanthrene	400 ug/mL
							Pyrene	400 ug/mL
..SM8270TCL4_00004	05/31/14		Restek, Lot A081933		(Purchased Reagent)		1,2,3,5-Tetrachlorobenzene	400 ug/mL
							1,2,4-Trichlorobenzene	400 ug/mL
							1,2-Dichlorobenzene	400 ug/mL
							1,2-Dinitrobenzene	400 ug/mL
							1,3,5-Trichlorobenzene	400 ug/mL
							1,3-Dichlorobenzene	400 ug/mL
							2,4-Dinitrotoluene	400 ug/mL
							2,6-Dinitrotoluene	400 ug/mL
							2-Chloronaphthalene	400 ug/mL
							2-Fluorobiphenyl (Surr)	400 ug/mL
							3-Chloropropionitrile	400 ug/mL
							4-Bromophenyl phenyl ether	400 ug/mL
							4-Chlorophenyl phenyl ether	400 ug/mL
							Benzaldehyde	400 ug/mL
							bis (2-chloroisopropyl) ether	400 ug/mL
							Bis(2-chloroethoxy)methane	400 ug/mL
							Bis(2-chloroethyl)ether	400 ug/mL
							Hexachlorobenzene	400 ug/mL
							Hexachlorobutadiene	400 ug/mL
							Hexachlorocyclopentadiene	400 ug/mL
							Hexachloroethane	400 ug/mL

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Malononitrile	400 ug/mL
							Nitrobenzene	400 ug/mL
							Nitrobenzene-d5 (Surr)	400 ug/mL
							Terphenyl-d14 (Surr)	400 ug/mL
VGGASCAL_00021	11/03/12	08/03/12	MEOH, Lot 117046	50 mL	VGGASDIL_00006	500 uL	C6-C10	100 ug/mL
							C6-C12	100 ug/mL
.VGGASDIL_00006	12/28/12	06/28/12	MEOH, Lot 117046	50 mL	VGGASSTOCK_00013	0.5 g	C6-C10	10000 ug/mL
							C6-C12	10000 ug/mL
..VGGASSTOCK_00013	10/31/13		ULTRA SCIENTIFIC, Lot S-0681W		(Purchased Reagent)		C6-C10	1 g/g
							C6-C12	1 g/g
VGGASCAL_00022	12/28/12	10/31/12	MEOH, Lot 123279	50 mL	VGGASDIL_00006	500 uL	C6-C12	100 ug/mL
.VGGASDIL_00006	12/28/12	06/28/12	MEOH, Lot 117046	50 mL	VGGASSTOCK_00013	0.5 g	C6-C12	10000 ug/mL
..VGGASSTOCK_00013	10/31/13		ULTRA SCIENTIFIC, Lot S-0681W		(Purchased Reagent)		C6-C12	1 g/g
VGGASCHK_00019	10/27/12	07/27/12	MEOH, Lot 115869	50 mL	VGGASCHKSTK_00016	1 mL	C6-C12	100 ug/mL
.VGGASCHKSTK_00016	04/05/15		ACCU STANDARD, Lot B5040009		(Purchased Reagent)		C6-C12	5 mg/mL
VGGASCHK_00021	11/29/12	08/29/12	MEOH, Lot 117046	50 mL	VGGASCHKSTK_00016	1 mL	C6-C12	100 ug/mL
.VGGASCHKSTK_00016	04/05/15		ACCU STANDARD, Lot B5040009		(Purchased Reagent)		C6-C12	5 mg/mL
VGGASCHK_00023	01/31/13	10/31/12	MEOH, Lot 123279	50 mL	VGGASCHKSTK_00017	1 mL	C6-C12	100 ug/mL
.VGGASCHKSTK_00017	04/05/15		ACCU STANDARD, Lot B5040009		(Purchased Reagent)		C6-C12	5 mg/mL
VGGASURROGATE_00014	12/05/12	06/05/12	MEOH, Lot 51304	50 mL	VGSURRSTKGAS_00012	1.25 mL	Trifluorotoluene (Surr)	50 ug/mL
.VGSURRSTKGAS_00012	07/31/14		ULTRA SCIENTIFIC, Lot CE-1903A		(Purchased Reagent)		Trifluorotoluene (Surr)	2000 ug/mL
VGGASURROGATE_00015	02/17/13	08/17/12	MEOH, Lot 51304	50 mL	VGSURRSTKGAS_00012	1.25 mL	Trifluorotoluene (Surr)	50 ug/mL
.VGSURRSTKGAS_00012	07/31/14		ULTRA SCIENTIFIC, Lot CE-1903A		(Purchased Reagent)		Trifluorotoluene (Surr)	2000 ug/mL
VGGASURROGATE_00016	01/12/13	10/12/12	MEOH, Lot 123279	50 mL	VGSURRSTKGAS_00013	1.25 mL	Trifluorotoluene (Surr)	50 ug/mL
.VGSURRSTKGAS_00013	07/31/14		ULTRA SCIENTIFIC, Lot CE-1903A		(Purchased Reagent)		Trifluorotoluene (Surr)	2000 ug/mL
VM250-IS_00012	04/10/13	10/10/12	MEOH, Lot 123279	100 mL	vmcus8126_00007	1 mL	1,4-Dichlorobenzene-d4	250 ug/mL
							Chlorobenzene-d5	250 ug/mL
							Fluorobenzene	250 ug/mL
.vmcus8126_00007	09/30/14		Ultra Scientific, Lot CJ-3237		(Purchased Reagent)		1,4-Dichlorobenzene-d4	25000 ug/mL
							Chlorobenzene-d5	25000 ug/mL
							Fluorobenzene	25000 ug/mL
VM250SS_00009	03/05/13	09/05/12	MEOH, Lot 117046	100 mL	VMCUS8125_00007	1 mL	1,2-Dichloroethane-d4 (Surr)	250 ug/mL
							4-Bromofluorobenzene (Surr)	250 ug/mL
							Dibromofluoromethane (Surr)	250 ug/mL
							Toluene-d8 (Surr)	250 ug/mL
.VMCUS8125_00007	10/31/14		Ultra Scientific, Lot CG-3334		(Purchased Reagent)		1,2-Dichloroethane-d4 (Surr)	25000 ug/mL
							4-Bromofluorobenzene (Surr)	25000 ug/mL
							Dibromofluoromethane (Surr)	25000 ug/mL
							Toluene-d8 (Surr)	25000 ug/mL
VM2MNP_00062	12/09/12	11/09/12	MEOH, Lot na	1 mL	VMSV200_00008	1 mL	2-Methylnaphthalene	100 ug/mL
.VMSV200_00008	08/31/14		ULTRA, Lot CC-1268Z		(Purchased Reagent)		2-Methylnaphthalene	100 ug/mL
VM50IS_00021	11/21/12	08/21/12	MEOH, Lot 117046	50 mL	VMSTM520_00016	1 mL	1,4-Dichlorobenzene-d4	50 ug/mL
							Chlorobenzene-d5	50 ug/mL
							Fluorobenzene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
.VMSTM520_00016	12/31/14	Ultra Scientific, Lot CH-3660			(Purchased Reagent)		1,4-Dichlorobenzene-d4	2500 ug/mL
							Chlorobenzene-d5	2500 ug/mL
							Fluorobenzene	2500 ug/mL
vm50ss_00082	11/12/12	11/05/12	MEOH, Lot na	2 mL	vm50ss_stk_00041	2 mL	1,2-Dichloroethane-d4 (Surr)	50 ug/mL
							4-Bromofluorobenzene (Surr)	50 ug/mL
							Dibromofluoromethane (Surr)	50 ug/mL
							Toluene-d8 (Surr)	50 ug/mL
.vm50ss_stk_00041	01/02/13	10/03/12	MEOH, Lot 117046	50 mL	VMstm530_00014	1 mL	1,2-Dichloroethane-d4 (Surr)	50 ug/mL
							4-Bromofluorobenzene (Surr)	50 ug/mL
							Dibromofluoromethane (Surr)	50 ug/mL
							Toluene-d8 (Surr)	50 ug/mL
..VMstm530_00014	05/31/15	Ultra Scientific, Lot CJ-1280			(Purchased Reagent)		1,2-Dichloroethane-d4 (Surr)	2500 ug/mL
							4-Bromofluorobenzene (Surr)	2500 ug/mL
							Dibromofluoromethane (Surr)	2500 ug/mL
							Toluene-d8 (Surr)	2500 ug/mL
vm50ss_00083	11/20/12	11/13/12	MEOH, Lot na	2 mL	vm50ss_stk_00043	2 mL	1,2-Dichloroethane-d4 (Surr)	50 ug/mL
							4-Bromofluorobenzene (Surr)	50 ug/mL
							Dibromofluoromethane (Surr)	50 ug/mL
							Toluene-d8 (Surr)	50 ug/mL
.vm50ss_stk_00043	02/12/13	11/12/12	MEOH, Lot 123279	50 mL	VMstm530_00016	1 mL	1,2-Dichloroethane-d4 (Surr)	50 ug/mL
							4-Bromofluorobenzene (Surr)	50 ug/mL
							Dibromofluoromethane (Surr)	50 ug/mL
							Toluene-d8 (Surr)	50 ug/mL
..VMstm530_00016	05/31/15	Ultra Scientific, Lot CJ-1280			(Purchased Reagent)		1,2-Dichloroethane-d4 (Surr)	2500 ug/mL
							4-Bromofluorobenzene (Surr)	2500 ug/mL
							Dibromofluoromethane (Surr)	2500 ug/mL
							Toluene-d8 (Surr)	2500 ug/mL
vmap9_00099	11/16/12	11/09/12	MEOH, Lot na	1 mL	VMCU12302_00010	1 mL	1,2,3-Trimethylbenzene	50 ug/mL
							2-Chloro-1,3-butadiene	50 ug/mL
							2-Nitropropane	100 ug/mL
							3-Chloro-1-propene	50 ug/mL
							Cyclohexanone	500 ug/mL
							Dichlorofluoromethane	50 ug/mL
							Ethyl acetate	100 ug/mL
							Ethyl ether	50 ug/mL
							Isobutyl alcohol	1000 ug/mL
							Isopropyl ether	250 ug/mL
							Methacrylonitrile	50 ug/mL
							Methyl methacrylate	50 ug/mL
							n-Butanol	1000 ug/mL
							n-Heptane	50 ug/mL
							Propionitrile	100 ug/mL
							Tert-amyl methyl ether	50 ug/mL
							Tert-butyl ethyl ether	50 ug/mL
.VMCU12302_00010	09/30/14	Ultra Scientific, Lot CJ-3239			(Purchased Reagent)		1,2,3-Trimethylbenzene	50 ug/mL
							2-Chloro-1,3-butadiene	50 ug/mL
							2-Nitropropane	100 ug/mL

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Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							3-Chloro-1-propene	50 ug/mL
							Cyclohexanone	500 ug/mL
							Dichlorofluoromethane	50 ug/mL
							Ethyl acetate	100 ug/mL
							Ethyl ether	50 ug/mL
							Isobutyl alcohol	1000 ug/mL
							Isopropyl ether	250 ug/mL
							Methacrylonitrile	50 ug/mL
							Methyl methacrylate	50 ug/mL
							n-Butanol	1000 ug/mL
							n-Heptane	50 ug/mL
							Propionitrile	100 ug/mL
							Tert-amyl methyl ether	50 ug/mL
							Tert-butyl ethyl ether	50 ug/mL
VMCGAS_00095	11/12/12	11/05/12	MEOH, Lot 123279	10 mL	VMDWM544_00011	0.25 mL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.VMDWM544_00011	04/30/15		ULTRA, Lot CJ-0858		(Purchased Reagent)		Bromomethane	2000 ug/mL
							Chloroethane	2000 ug/mL
							Chloromethane	2000 ug/mL
							Dichlorodifluoromethane	2000 ug/mL
							Trichlorofluoromethane	2000 ug/mL
							Vinyl chloride	2000 ug/mL
VMCGAS_00096	11/20/12	11/13/12	MEOH, Lot 123279	10 mL	VMDWM544_00011	0.25 mL	Bromomethane	50 ug/mL
							Chloroethane	50 ug/mL
							Chloromethane	50 ug/mL
							Dichlorodifluoromethane	50 ug/mL
							Trichlorofluoromethane	50 ug/mL
							Vinyl chloride	50 ug/mL
.VMDWM544_00011	04/30/15		ULTRA, Lot CJ-0858		(Purchased Reagent)		Bromomethane	2000 ug/mL
							Chloroethane	2000 ug/mL
							Chloromethane	2000 ug/mL
							Dichlorodifluoromethane	2000 ug/mL
							Trichlorofluoromethane	2000 ug/mL
							Vinyl chloride	2000 ug/mL
VMFASWS_00116	11/15/12	11/08/12	MEOH, Lot na	3 mL	VMFAS_00032	3 mL	Bromomethane	25 ug/mL
							Chloroethane	25 ug/mL
							Chloromethane	25 ug/mL
							Vinyl chloride	25 ug/mL
							1,1,1-Trichloroethane	25 ug/mL
							1,1,2,2-Tetrachloroethane	25 ug/mL
							1,1,2-Trichloroethane	25 ug/mL
							1,1-Dichloroethane	25 ug/mL
							1,1-Dichloroethene	25 ug/mL

REAGENT TRACEABILITY SUMMARY

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dibromoethane	25 ug/mL
							1,2-Dichloroethane	25 ug/mL
							1,2-Dichloroethene, Total	50 ug/mL
							1,2-Dichloropropane	25 ug/mL
							Benzene	25 ug/mL
							Bromodichloromethane	25 ug/mL
							Bromoform	25 ug/mL
							Carbon disulfide	25 ug/mL
							Carbon tetrachloride	25 ug/mL
							Chlorobenzene	25 ug/mL
							Chloroform	25 ug/mL
							cis-1,2-Dichloroethene	25 ug/mL
							cis-1,3-Dichloropropene	25 ug/mL
							Dibromochloromethane	25 ug/mL
							Ethylbenzene	25 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl tert-butyl ether	25 ug/mL
							Methylene Chloride	25 ug/mL
							o-Xylene	25 ug/mL
							Styrene	25 ug/mL
							Tetrachloroethene	25 ug/mL
							Toluene	25 ug/mL
							trans-1,2-Dichloroethene	25 ug/mL
							trans-1,3-Dichloropropene	25 ug/mL
							Trichloroethene	25 ug/mL
							Xylenes, Total	75 ug/mL
							Bromochloromethane	25 ug/mL
							2-Butanone (MEK)	50 ug/mL
							2-Hexanone	50 ug/mL
							4-Methyl-2-pentanone (MIBK)	50 ug/mL
							Acetone	50 ug/mL
.VMFAS_00032	11/22/12	10/22/12	MEOH, Lot 123279	100 mL	VM48799U_00009	1.25 mL	Bromomethane	25 ug/mL
							Chloroethane	25 ug/mL
							Chloromethane	25 ug/mL
							Vinyl chloride	25 ug/mL
					VM556005_00011	1 mL	1,1,1-Trichloroethane	25 ug/mL
							1,1,2,2-Tetrachloroethane	25 ug/mL
							1,1,2-Trichloroethane	25 ug/mL
							1,1-Dichloroethane	25 ug/mL
							1,1-Dichloroethene	25 ug/mL
							1,2-Dibromoethane	25 ug/mL
							1,2-Dichloroethane	25 ug/mL
							1,2-Dichloroethene, Total	50 ug/mL
							1,2-Dichloropropane	25 ug/mL
							Benzene	25 ug/mL
							Bromodichloromethane	25 ug/mL
							Bromoform	25 ug/mL
							Carbon disulfide	25 ug/mL

REAGENT TRACEABILITY SUMMARY

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Carbon tetrachloride	25 ug/mL
							Chlorobenzene	25 ug/mL
							Chloroform	25 ug/mL
							cis-1,2-Dichloroethene	25 ug/mL
							cis-1,3-Dichloropropene	25 ug/mL
							Dibromochloromethane	25 ug/mL
							Ethylbenzene	25 ug/mL
							m-Xylene & p-Xylene	50 ug/mL
							Methyl tert-butyl ether	25 ug/mL
							Methylene Chloride	25 ug/mL
							o-Xylene	25 ug/mL
							Styrene	25 ug/mL
							Tetrachloroethene	25 ug/mL
							Toluene	25 ug/mL
							trans-1,2-Dichloroethene	25 ug/mL
							trans-1,3-Dichloropropene	25 ug/mL
							Trichloroethene	25 ug/mL
							Xylenes, Total	75 ug/mL
					VM563136_00007	1 mL	Bromochloromethane	25 ug/mL
					VM861149_00015	2.5 mL	2-Butanone (MEK)	50 ug/mL
							2-Hexanone	50 ug/mL
							4-Methyl-2-pentanone (MIBK)	50 ug/mL
							Acetone	50 ug/mL
..VM48799U_00009	06/30/13		Supelco, Lot LB91213		(Purchased Reagent)		Bromomethane	2000 ug/mL
							Chloroethane	2000 ug/mL
							Chloromethane	2000 ug/mL
							Vinyl chloride	2000 ug/mL
..VM556005_00011	05/31/13		Restek, Lot A085142		(Purchased Reagent)		1,1,1-Trichloroethane	2500 ug/mL
							1,1,2,2-Tetrachloroethane	2500 ug/mL
							1,1,2-Trichloroethane	2500 ug/mL
							1,1-Dichloroethane	2500 ug/mL
							1,1-Dichloroethene	2500 ug/mL
							1,2-Dibromoethane	2500 ug/mL
							1,2-Dichloroethane	2500 ug/mL
							1,2-Dichloroethene, Total	5000 ug/mL
							1,2-Dichloropropane	2500 ug/mL
							Benzene	2500 ug/mL
							Bromodichloromethane	2500 ug/mL
							Bromoform	2500 ug/mL
							Carbon disulfide	2500 ug/mL
							Carbon tetrachloride	2500 ug/mL
							Chlorobenzene	2500 ug/mL
							Chloroform	2500 ug/mL
							cis-1,2-Dichloroethene	2500 ug/mL
							cis-1,3-Dichloropropene	2500 ug/mL
							Dibromochloromethane	2500 ug/mL
							Ethylbenzene	2500 ug/mL
							m-Xylene & p-Xylene	5000 ug/mL

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methyl tert-butyl ether	2500 ug/mL
							Methylene Chloride	2500 ug/mL
							o-Xylene	2500 ug/mL
							Styrene	2500 ug/mL
							Tetrachloroethene	2500 ug/mL
							Toluene	2500 ug/mL
							trans-1,2-Dichloroethene	2500 ug/mL
							trans-1,3-Dichloropropene	2500 ug/mL
							Trichloroethene	2500 ug/mL
							Xylenes, Total	7500 ug/mL
..VM563136_00007	11/30/16		Restek, Lot A085140		(Purchased Reagent)		Bromochloromethane	2500 ug/mL
..VM861149_00015	11/30/13		Supelco, Lot LB85301		(Purchased Reagent)		2-Butanone (MEK)	2000 ug/mL
							2-Hexanone	2000 ug/mL
							4-Methyl-2-pentanone (MIBK)	2000 ug/mL
							Acetone	2000 ug/mL
VMPRIMARY_00146	11/16/12	11/09/12	MEOH, Lot na	1 mL	VMCUS7814_00019	1 mL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloroethene, Total	100 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trichlorobenzene	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							1,4-Dioxane	2500 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							2-Methyl-2-propanol	1000 ug/mL
							4-Chlorotoluene	50 ug/mL
							4-Isopropyltoluene	50 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromochloromethane	50 ug/mL

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Cyclohexane	50 ug/mL
							Dibromochloromethane	50 ug/mL
							Dibromomethane	50 ug/mL
							Ethyl methacrylate	50 ug/mL
							Ethylbenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Hexane	50 ug/mL
							Iodomethane	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	100 ug/mL
							Methyl acetate	50 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylcyclohexane	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Tetrahydrofuran	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
							Trichloroethene	50 ug/mL
							Xylenes, Total	150 ug/mL
.VMCUS7814_00019	02/28/14		Ultra Scientific, Lot CJ-0210		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL

REAGENT TRACEABILITY SUMMARY

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloroethene, Total	100 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trichlorobenzene	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							1,4-Dioxane	2500 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							2-Methyl-2-propanol	1000 ug/mL
							4-Chlorotoluene	50 ug/mL
							4-Isopropyltoluene	50 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromochloromethane	50 ug/mL
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Cyclohexane	50 ug/mL
							Dibromochloromethane	50 ug/mL
							Dibromomethane	50 ug/mL
							Ethyl methacrylate	50 ug/mL
							Ethylbenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Hexane	50 ug/mL
							Iodomethane	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	100 ug/mL
							Methyl acetate	50 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylcyclohexane	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Tetrahydrofuran	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
							Trichloroethene	50 ug/mL
							Xylenes, Total	150 ug/mL
VMPRIMARY_00147	11/20/12	11/13/12	MEOH, Lot na	1 mL	VMCUS7814_00019	1 mL	1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane	50 ug/mL
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloroethene, Total	100 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trichlorobenzene	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							1,4-Dioxane	2500 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							2-Methyl-2-propanol	1000 ug/mL
							4-Chlorotoluene	50 ug/mL
							4-Isopropyltoluene	50 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromochloromethane	50 ug/mL
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chlorobenzene	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Cyclohexane	50 ug/mL
							Dibromochloromethane	50 ug/mL
							Dibromomethane	50 ug/mL
							Ethyl methacrylate	50 ug/mL
							Ethylbenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Hexane	50 ug/mL
							Iodomethane	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	100 ug/mL
							Methyl acetate	50 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylcyclohexane	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL
							Tetrahydrofuran	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
							Trichloroethene	50 ug/mL
							Xylenes, Total	150 ug/mL
.VMCUS7814_00019	02/28/14		Ultra Scientific, Lot CJ-0210		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	50 ug/mL
							1,1,1-Trichloroethane	50 ug/mL
							1,1,2,2-Tetrachloroethane	50 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	50 ug/mL
							1,1,2-Trichloroethane	50 ug/mL
							1,1-Dichloroethane	50 ug/mL
							1,1-Dichloroethene	50 ug/mL
							1,1-Dichloropropene	50 ug/mL
							1,2,3-Trichlorobenzene	50 ug/mL
							1,2,3-Trichloropropane	50 ug/mL
							1,2,4-Trichlorobenzene	50 ug/mL
							1,2,4-Trimethylbenzene	50 ug/mL
							1,2-Dibromo-3-Chloropropane	50 ug/mL
							1,2-Dibromoethane	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dichlorobenzene	50 ug/mL
							1,2-Dichloroethane	50 ug/mL
							1,2-Dichloroethene, Total	100 ug/mL
							1,2-Dichloropropane	50 ug/mL
							1,3,5-Trichlorobenzene	50 ug/mL
							1,3,5-Trimethylbenzene	50 ug/mL
							1,3-Dichlorobenzene	50 ug/mL
							1,3-Dichloropropane	50 ug/mL
							1,4-Dichlorobenzene	50 ug/mL
							1,4-Dioxane	2500 ug/mL
							2,2-Dichloropropane	50 ug/mL
							2-Chlorotoluene	50 ug/mL
							2-Methyl-2-propanol	1000 ug/mL
							4-Chlorotoluene	50 ug/mL
							4-Isopropyltoluene	50 ug/mL
							Benzene	50 ug/mL
							Bromobenzene	50 ug/mL
							Bromochloromethane	50 ug/mL
							Bromodichloromethane	50 ug/mL
							Bromoform	50 ug/mL
							Carbon disulfide	50 ug/mL
							Carbon tetrachloride	50 ug/mL
							Chlorobenzene	50 ug/mL
							Chloroform	50 ug/mL
							cis-1,2-Dichloroethene	50 ug/mL
							cis-1,3-Dichloropropene	50 ug/mL
							Cyclohexane	50 ug/mL
							Dibromochloromethane	50 ug/mL
							Dibromomethane	50 ug/mL
							Ethyl methacrylate	50 ug/mL
							Ethylbenzene	50 ug/mL
							Hexachlorobutadiene	50 ug/mL
							Hexane	50 ug/mL
							Iodomethane	50 ug/mL
							Isopropylbenzene	50 ug/mL
							m-Xylene & p-Xylene	100 ug/mL
							Methyl acetate	50 ug/mL
							Methyl tert-butyl ether	50 ug/mL
							Methylcyclohexane	50 ug/mL
							Methylene Chloride	50 ug/mL
							n-Butylbenzene	50 ug/mL
							N-Propylbenzene	50 ug/mL
							Naphthalene	50 ug/mL
							o-Xylene	50 ug/mL
							sec-Butylbenzene	50 ug/mL
							Styrene	50 ug/mL
							tert-Butylbenzene	50 ug/mL
							Tetrachloroethene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Tetrahydrofuran	50 ug/mL
							Toluene	50 ug/mL
							trans-1,2-Dichloroethene	50 ug/mL
							trans-1,3-Dichloropropene	50 ug/mL
							trans-1,4-Dichloro-2-butene	50 ug/mL
							Trichloroethene	50 ug/mL
							Xylenes, Total	150 ug/mL
VMSUPPW_00099	11/16/12	11/09/12	MEOH, Lot na	1 mL	VMSUPP_00018	1 mL	2-Butanone (MEK)	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone (MIBK)	100 ug/mL
							Acetone	100 ug/mL
							Vinyl acetate	50 ug/mL
							Acetonitrile	500 ug/mL
							Acrolein	500 ug/mL
							Acrylonitrile	100 ug/mL
							2-Chloroethyl vinyl ether	100 ug/mL
.VMSUPP_00018	01/31/13	09/27/12	MEOH, Lot 123279	50 mL	VM30006_00004	1 mL	2-Butanone (MEK)	100 ug/mL
							2-Hexanone	100 ug/mL
							4-Methyl-2-pentanone (MIBK)	100 ug/mL
							Acetone	100 ug/mL
					VMCU5013_00008	1 mL	Vinyl acetate	50 ug/mL
					VMCUS8634_00007	1 mL	Acetonitrile	500 ug/mL
							Acrolein	500 ug/mL
							Acrylonitrile	100 ug/mL
					VMEPA1016_00003	1 mL	2-Chloroethyl vinyl ether	100 ug/mL
..VM30006_00004	11/30/13	Restek, Lot A076449			(Purchased Reagent)		2-Butanone (MEK)	5000 ug/mL
							2-Hexanone	5000 ug/mL
							4-Methyl-2-pentanone (MIBK)	5000 ug/mL
							Acetone	5000 ug/mL
..VMCU5013_00008	01/31/13	Ultra, Lot CJ-3443			(Purchased Reagent)		Vinyl acetate	2500 ug/mL
..VMCUS8634_00007	01/31/13	Ultra, Lot CJ-3453			(Purchased Reagent)		Acetonitrile	25000 ug/mL
							Acrolein	25000 ug/mL
							Acrylonitrile	5000 ug/mL
..VMEPA1016_00003	04/30/13	Ultra, Lot CG-0850			(Purchased Reagent)		2-Chloroethyl vinyl ether	5000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica West Sacramento Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
HP34DNTSU_00007	03/13/13	09/13/12	Acetonitrile, Lot 0000732	50 mL	HP8330SU_00007	2.5 mL	3,4-Dinitrotoluene	50 ug/mL
.HP8330SU_00007	03/13/13	Restek, Lot A087054			(Purchased Reagent)		3,4-Dinitrotoluene	1000 ug/mL
HP8330IC_00005	10/19/12	06/13/12	25% 0.1%HOAc in ACN, Lot 4457-41A	10 mL	HP8330TA_00007	25 uL	1,3,5-Trinitrobenzene	500 ng/mL
							1,3-Dinitrobenzene	500 ng/mL
							2,4,6-Trinitrotoluene	500 ng/mL
							2,4-Dinitrotoluene	500 ng/mL
							2,6-Dinitrotoluene	500 ng/mL
							2-Amino-4,6-dinitrotoluene	500 ng/mL
							2-Nitrotoluene	500 ng/mL
							3-Nitrotoluene	500 ng/mL
							4-Amino-2,6-dinitrotoluene	500 ng/mL
							4-Nitrotoluene	500 ng/mL
							HMX	500 ng/mL
							Nitrobenzene	500 ng/mL
							RDX	500 ng/mL
							Tetryl	500 ng/mL
					HPNGTA_00011	5 uL	Nitroglycerin	500 ng/mL
					HPPETNTA_00006	5 uL	PETN	500 ng/mL
.HP8330TA_00007	10/30/12	Cerilliant, Lot ER083011-01			(Purchased Reagent)		1,3,5-Trinitrobenzene	200 ug/mL
							1,3-Dinitrobenzene	200 ug/mL
							2,4,6-Trinitrotoluene	200 ug/mL
							2,4-Dinitrotoluene	200 ug/mL
							2,6-Dinitrotoluene	200 ug/mL
							2-Amino-4,6-dinitrotoluene	200 ug/mL
							2-Nitrotoluene	200 ug/mL
							3-Nitrotoluene	200 ug/mL
							4-Amino-2,6-dinitrotoluene	200 ug/mL
							4-Nitrotoluene	200 ug/mL
							HMX	200 ug/mL
							Nitrobenzene	200 ug/mL
							RDX	200 ug/mL
							Tetryl	200 ug/mL
.HPNGTA_00011	10/31/12	Cerilliant, Lot FN052106-01			(Purchased Reagent)		Nitroglycerin	1000 ug/mL
.HPPETNTA_00006	10/30/12	Cerilliant, Lot FN102810-02			(Purchased Reagent)		PETN	1000 ug/mL
HP8330ICL_00002	12/07/12	07/27/12	25:75 HOAc/ACN, Lot 4457-41E	50 mL	HP34DNTSU_00004	20 uL	3,4-Dinitrotoluene	20 ng/mL
					HP8330SP_00006	5 uL	1,3,5-Trinitrobenzene	5 ng/mL
							1,3-Dinitrobenzene	5 ng/mL
							2,4,6-Trinitrotoluene	5 ng/mL
							2,4-Dinitrotoluene	5 ng/mL
							2,6-Dinitrotoluene	5 ng/mL
							2-Amino-4,6-dinitrotoluene	5 ng/mL
							2-Nitrotoluene	5 ng/mL
							3-Nitrotoluene	5 ng/mL
							4-Amino-2,6-dinitrotoluene	5 ng/mL

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Nitrotoluene	5 ng/mL
							HMX	5 ng/mL
							Nitrobenzene	5 ng/mL
							RDX	5 ng/mL
							Tetryl	5 ng/mL
					HPNGSP_00004	20 uL	Nitroglycerin	20 ng/mL
					HPPETNSP_00003	20 uL	PETN	20 ng/mL
.HP34DNTSU_00004	12/07/12	06/07/12	Acetonitrile, Lot K41815	50 mL	HP8330SU_00004	2.5 mL	3,4-Dinitrotoluene	50 ug/mL
..HP8330SU_00004	12/07/13		Restek, Lot A082463		(Purchased Reagent)		3,4-Dinitrotoluene	1000 ug/mL
.HP8330SP_00006	12/11/12	06/11/12	Acetonitrile, Lot K41815	50 mL	HP8330SP_00005	2.5 mL	1,3,5-Trinitrobenzene	50 ug/mL
							1,3-Dinitrobenzene	50 ug/mL
							2,4,6-Trinitrotoluene	50 ug/mL
							2,4-Dinitrotoluene	50 ug/mL
							2,6-Dinitrotoluene	50 ug/mL
							2-Amino-4,6-dinitrotoluene	50 ug/mL
							2-Nitrotoluene	50 ug/mL
							3-Nitrotoluene	50 ug/mL
							4-Amino-2,6-dinitrotoluene	50 ug/mL
							4-Nitrotoluene	50 ug/mL
							HMX	50 ug/mL
							Nitrobenzene	50 ug/mL
							RDX	50 ug/mL
							Tetryl	50 ug/mL
..HP8330SP_00005	12/11/12		Restek, Lot A078069		(Purchased Reagent)		1,3,5-Trinitrobenzene	1000 ug/mL
							1,3-Dinitrobenzene	1000 ug/mL
							2,4,6-Trinitrotoluene	1000 ug/mL
							2,4-Dinitrotoluene	1000 ug/mL
							2,6-Dinitrotoluene	1000 ug/mL
							2-Amino-4,6-dinitrotoluene	1000 ug/mL
							2-Nitrotoluene	1000 ug/mL
							3-Nitrotoluene	1000 ug/mL
							4-Amino-2,6-dinitrotoluene	1000 ug/mL
							4-Nitrotoluene	1000 ug/mL
							HMX	1000 ug/mL
							Nitrobenzene	1000 ug/mL
							RDX	1000 ug/mL
							Tetryl	1000 ug/mL
.HPNGSP_00004	12/07/12	06/07/12	Methanol, Lot K18E18	50 mL	HPNGTA_00002	2.5 mL	Nitroglycerin	50 ug/mL
..HPNGTA_00002	12/07/12		Restek, Lot A082035		(Purchased Reagent)		Nitroglycerin	1000 ug/mL
.HPPETNSP_00003	12/07/12	06/07/12	Methanol, Lot K41815	50 mL	HPPETNTA_00008	2.5 mL	PETN	50 ug/mL
..HPPETNTA_00008	12/07/12		Restek, Lot A085138		(Purchased Reagent)		PETN	1000 ug/mL
HP8330L1_00004	12/07/12	08/29/12	25% 1%HoAC in ACN 75, Lot 4457-51G	50 mL	HP8330L4_00003	5 mL	3,4-Dinitrotoluene	5 ng/mL
							3,5-Dinitroaniline	5 ng/mL
							1,3,5-Trinitrobenzene	5 ng/mL
							1,3-Dinitrobenzene	5 ng/mL

Lab Name: TestAmerica West Sacramento Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2,4,6-Trinitrotoluene	5 ng/mL
							2,4-Dinitrotoluene	5 ng/mL
							2,6-Dinitrotoluene	5 ng/mL
							2-Amino-4,6-dinitrotoluene	5 ng/mL
							2-Nitrotoluene	5 ng/mL
							3-Nitrotoluene	5 ng/mL
							4-Amino-2,6-dinitrotoluene	5 ng/mL
							4-Nitrotoluene	5 ng/mL
							HMX	5 ng/mL
							Nitrobenzene	5 ng/mL
							RDX	5 ng/mL
							Tetryl	5 ng/mL
							Ethylene glycol dinitrate	5 ng/mL
							Nitroglycerin	5 ng/mL
							2,4,6-Trinitrophenol	10 ng/mL
							PETN	5 ng/mL
.HP8330L4_00003	12/07/12	08/29/12	25% 0.1%HoAC in ACN, Lot 4457-51G	50 mL	HP34DNTSU_00005	50 uL	3,4-Dinitrotoluene	50 ng/mL
					HP8330SP_00008	50 uL	3,5-Dinitroaniline	50 ng/mL
							1,3,5-Trinitrobenzene	50 ng/mL
							1,3-Dinitrobenzene	50 ng/mL
							2,4,6-Trinitrotoluene	50 ng/mL
							2,4-Dinitrotoluene	50 ng/mL
							2,6-Dinitrotoluene	50 ng/mL
							2-Amino-4,6-dinitrotoluene	50 ng/mL
							2-Nitrotoluene	50 ng/mL
							3-Nitrotoluene	50 ng/mL
							4-Amino-2,6-dinitrotoluene	50 ng/mL
							4-Nitrotoluene	50 ng/mL
							HMX	50 ng/mL
							Nitrobenzene	50 ng/mL
							RDX	50 ng/mL
							Tetryl	50 ng/mL
					HPEGDNSP_00003	50 uL	Ethylene glycol dinitrate	50 ng/mL
					HPNGSP_00004	50 uL	Nitroglycerin	50 ng/mL
					HPPASP_00006	100 uL	2,4,6-Trinitrophenol	100 ng/mL
					HPPETNSP_00003	50 uL	PETN	50 ng/mL
..HP34DNTSU_00005	01/27/13	07/27/12	Acetonitrile, Lot K41815	50 mL	HP8330SU_00006	2.5 mL	3,4-Dinitrotoluene	50 ug/mL
...HP8330SU_00006	01/27/13	Restek, Lot A082463			(Purchased Reagent)		3,4-Dinitrotoluene	1000 ug/mL
..HP8330SP_00008	02/28/13	08/28/12	Acetonitrile, Lot K49817	50 mL	HP35DNATA_00009	2.5 mL	3,5-Dinitroaniline	50 ug/mL
					HP8330TA_00008	2.5 mL	1,3,5-Trinitrobenzene	50 ug/mL
							1,3-Dinitrobenzene	50 ug/mL
							2,4,6-Trinitrotoluene	50 ug/mL
							2,4-Dinitrotoluene	50 ug/mL
							2,6-Dinitrotoluene	50 ug/mL
							2-Amino-4,6-dinitrotoluene	50 ug/mL

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Nitrotoluene	50 ug/mL
							3-Nitrotoluene	50 ug/mL
							4-Amino-2,6-dinitrotoluene	50 ug/mL
							4-Nitrotoluene	50 ug/mL
							HMX	50 ug/mL
							Nitrobenzene	50 ug/mL
							RDX	50 ug/mL
							Tetryl	50 ug/mL
...HP35DNATA_00009	07/31/16		Restek, Lot A085338		(Purchased Reagent)		3,5-Dinitroaniline	1000 ug/mL
...HP8330TA_00008	05/30/15		Restek, Lot A084334		(Purchased Reagent)		1,3,5-Trinitrobenzene	1000 ug/mL
							1,3-Dinitrobenzene	1000 ug/mL
							2,4,6-Trinitrotoluene	1000 ug/mL
							2,4-Dinitrotoluene	1000 ug/mL
							2,6-Dinitrotoluene	1000 ug/mL
							2-Amino-4,6-dinitrotoluene	1000 ug/mL
							2-Nitrotoluene	1000 ug/mL
							3-Nitrotoluene	1000 ug/mL
							4-Amino-2,6-dinitrotoluene	1000 ug/mL
							4-Nitrotoluene	1000 ug/mL
							HMX	1000 ug/mL
							Nitrobenzene	1000 ug/mL
							RDX	1000 ug/mL
							Tetryl	1000 ug/mL
..HPEGDNSP_00003	12/07/12	06/07/12	Acetonitrile, Lot K41815	50 mL	HPEGDNTA_00004	2.5 mL	Ethylene glycol dinitrate	50 ug/mL
...HPEGDNTA_00004	12/07/12		Restek, Lot A066822		(Purchased Reagent)		Ethylene glycol dinitrate	1000 ug/mL
..HPNGSP_00004	12/07/12	06/07/12	Methanol, Lot K18E18	50 mL	HPNGTA_00002	2.5 mL	Nitroglycerin	50 ug/mL
...HPNGTA_00002	12/07/12		Restek, Lot A082035		(Purchased Reagent)		Nitroglycerin	1000 ug/mL
..HPPASP_00006	12/11/12	06/11/12	Acetonitrile, Lot K41815	50 mL	HPPATA_00005	2.5 mL	2,4,6-Trinitrophenol	50 ug/mL
...HPPATA_00005	12/11/12		Restek, Lot A086505		(Purchased Reagent)		2,4,6-Trinitrophenol	1000 ug/mL
..HPPETNSP_00003	12/07/12	06/07/12	Methanol, Lot K41815	50 mL	HPPETNTA_00008	2.5 mL	PETN	50 ug/mL
...HPPETNTA_00008	12/07/12		Restek, Lot A085138		(Purchased Reagent)		PETN	1000 ug/mL
HP8330L2_00003	12/07/12	08/29/12	25% 0.1%HoAC in ACN, Lot 4457-51G	50 mL	HP34DNTSU_00005	10 uL	3,4-Dinitrotoluene	10 ng/mL
					HP8330SP_00008	10 uL	3,5-Dinitroaniline	10 ng/mL
							1,3,5-Trinitrobenzene	10 ng/mL
							1,3-Dinitrobenzene	10 ng/mL
							2,4,6-Trinitrotoluene	10 ng/mL
							2,4-Dinitrotoluene	10 ng/mL
							2,6-Dinitrotoluene	10 ng/mL
							2-Amino-4,6-dinitrotoluene	10 ng/mL
							2-Nitrotoluene	10 ng/mL
							3-Nitrotoluene	10 ng/mL
							4-Amino-2,6-dinitrotoluene	10 ng/mL
							4-Nitrotoluene	10 ng/mL
							HMX	10 ng/mL
							Nitrobenzene	10 ng/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica West Sacramento Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							RDX	10 ng/mL
							Tetryl	10 ng/mL
					HPEGDNSP_00003	10 uL	Ethylene glycol dinitrate	10 ng/mL
					HPNGSP_00004	10 uL	Nitroglycerin	10 ng/mL
					HPPASP_00006	20 uL	2,4,6-Trinitrophenol	20 ng/mL
					HPPETNSP_00003	10 uL	PETN	10 ng/mL
.HP34DNTSU_00005	01/27/13	07/27/12	Acetonitrile, Lot K41815	50 mL	HP8330SU_00006	2.5 mL	3,4-Dinitrotoluene	50 ug/mL
..HP8330SU_00006	01/27/13		Restek, Lot A082463		(Purchased Reagent)		3,4-Dinitrotoluene	1000 ug/mL
.HP8330SP_00008	02/28/13	08/28/12	Acetonitrile, Lot K49817	50 mL	HP35DNATA_00009	2.5 mL	3,5-Dinitroaniline	50 ug/mL
					HP8330TA_00008	2.5 mL	1,3,5-Trinitrobenzene	50 ug/mL
							1,3-Dinitrobenzene	50 ug/mL
							2,4,6-Trinitrotoluene	50 ug/mL
							2,4-Dinitrotoluene	50 ug/mL
							2,6-Dinitrotoluene	50 ug/mL
							2-Amino-4,6-dinitrotoluene	50 ug/mL
							2-Nitrotoluene	50 ug/mL
							3-Nitrotoluene	50 ug/mL
							4-Amino-2,6-dinitrotoluene	50 ug/mL
							4-Nitrotoluene	50 ug/mL
							HMX	50 ug/mL
							Nitrobenzene	50 ug/mL
							RDX	50 ug/mL
							Tetryl	50 ug/mL
..HP35DNATA_00009	07/31/16		Restek, Lot A085338		(Purchased Reagent)		3,5-Dinitroaniline	1000 ug/mL
..HP8330TA_00008	05/30/15		Restek, Lot A084334		(Purchased Reagent)		1,3,5-Trinitrobenzene	1000 ug/mL
							1,3-Dinitrobenzene	1000 ug/mL
							2,4,6-Trinitrotoluene	1000 ug/mL
							2,4-Dinitrotoluene	1000 ug/mL
							2,6-Dinitrotoluene	1000 ug/mL
							2-Amino-4,6-dinitrotoluene	1000 ug/mL
							2-Nitrotoluene	1000 ug/mL
							3-Nitrotoluene	1000 ug/mL
							4-Amino-2,6-dinitrotoluene	1000 ug/mL
							4-Nitrotoluene	1000 ug/mL
							HMX	1000 ug/mL
							Nitrobenzene	1000 ug/mL
							RDX	1000 ug/mL
							Tetryl	1000 ug/mL
.HPEGDNSP_00003	12/07/12	06/07/12	Acetonitrile, Lot K41815	50 mL	HPEGDNTA_00004	2.5 mL	Ethylene glycol dinitrate	50 ug/mL
..HPEGDNTA_00004	12/07/12		Restek, Lot A066822		(Purchased Reagent)		Ethylene glycol dinitrate	1000 ug/mL
.HPNGSP_00004	12/07/12	06/07/12	Methanol, Lot K18E18	50 mL	HPNGTA_00002	2.5 mL	Nitroglycerin	50 ug/mL
..HPNGTA_00002	12/07/12		Restek, Lot A082035		(Purchased Reagent)		Nitroglycerin	1000 ug/mL
.HPPASP_00006	12/11/12	06/11/12	Acetonitrile, Lot K41815	50 mL	HPPATA_00005	2.5 mL	2,4,6-Trinitrophenol	50 ug/mL
..HPPATA_00005	12/11/12		Restek, Lot A086505		(Purchased Reagent)		2,4,6-Trinitrophenol	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica West Sacramento Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
.HPPETNSP_00003	12/07/12	06/07/12	Methanol, Lot K41815	50 mL	HPPETNTA_00008	2.5 mL	PETN	50 ug/mL
..HPPETNTA_00008	12/07/12		Restek, Lot A085138		(Purchased Reagent)		PETN	1000 ug/mL
HP8330L3_00003	12/07/12	08/29/12	25% 0.1%HoAC in ACN, Lot 4457-51G	50 mL	HP34DNTSU_00005	20 uL	3,4-Dinitrotoluene	20 ng/mL
					HP8330SP_00008	20 uL	3,5-Dinitroaniline	20 ng/mL
							1,3,5-Trinitrobenzene	20 ng/mL
							1,3-Dinitrobenzene	20 ng/mL
							2,4,6-Trinitrotoluene	20 ng/mL
							2,4-Dinitrotoluene	20 ng/mL
							2,6-Dinitrotoluene	20 ng/mL
							2-Amino-4,6-dinitrotoluene	20 ng/mL
							2-Nitrotoluene	20 ng/mL
							3-Nitrotoluene	20 ng/mL
							4-Amino-2,6-dinitrotoluene	20 ng/mL
							4-Nitrotoluene	20 ng/mL
							HMX	20 ng/mL
							Nitrobenzene	20 ng/mL
							RDX	20 ng/mL
							Tetryl	20 ng/mL
					HPEGDNSP_00003	20 uL	Ethylene glycol dinitrate	20 ng/mL
					HPNGSP_00004	20 uL	Nitroglycerin	20 ng/mL
					HPPASP_00006	50 uL	2,4,6-Trinitrophenol	50 ng/mL
					HPPETNSP_00003	20 uL	PETN	20 ng/mL
.HP34DNTSU_00005	01/27/13	07/27/12	Acetonitrile, Lot K41815	50 mL	HP8330SU_00006	2.5 mL	3,4-Dinitrotoluene	50 ug/mL
..HP8330SU_00006	01/27/13		Restek, Lot A082463		(Purchased Reagent)		3,4-Dinitrotoluene	1000 ug/mL
.HP8330SP_00008	02/28/13	08/28/12	Acetonitrile, Lot K49817	50 mL	HP35DNATA_00009	2.5 mL	3,5-Dinitroaniline	50 ug/mL
					HP8330TA_00008	2.5 mL	1,3,5-Trinitrobenzene	50 ug/mL
							1,3-Dinitrobenzene	50 ug/mL
							2,4,6-Trinitrotoluene	50 ug/mL
							2,4-Dinitrotoluene	50 ug/mL
							2,6-Dinitrotoluene	50 ug/mL
							2-Amino-4,6-dinitrotoluene	50 ug/mL
							2-Nitrotoluene	50 ug/mL
							3-Nitrotoluene	50 ug/mL
							4-Amino-2,6-dinitrotoluene	50 ug/mL
							4-Nitrotoluene	50 ug/mL
							HMX	50 ug/mL
							Nitrobenzene	50 ug/mL
							RDX	50 ug/mL
							Tetryl	50 ug/mL
..HP35DNATA_00009	07/31/16		Restek, Lot A085338		(Purchased Reagent)		3,5-Dinitroaniline	1000 ug/mL
..HP8330TA_00008	05/30/15		Restek, Lot A084334		(Purchased Reagent)		1,3,5-Trinitrobenzene	1000 ug/mL
							1,3-Dinitrobenzene	1000 ug/mL
							2,4,6-Trinitrotoluene	1000 ug/mL
							2,4-Dinitrotoluene	1000 ug/mL
							2,6-Dinitrotoluene	1000 ug/mL

Lab Name: TestAmerica West Sacramento Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Amino-4,6-dinitrotoluene	1000 ug/mL
							2-Nitrotoluene	1000 ug/mL
							3-Nitrotoluene	1000 ug/mL
							4-Amino-2,6-dinitrotoluene	1000 ug/mL
							4-Nitrotoluene	1000 ug/mL
							HMX	1000 ug/mL
							Nitrobenzene	1000 ug/mL
							RDX	1000 ug/mL
							Tetryl	1000 ug/mL
.HPEGDNSP_00003	12/07/12	06/07/12	Acetonitrile, Lot K41815	50 mL	HPEGDNTA_00004	2.5 mL	Ethylene glycol dinitrate	50 ug/mL
..HPEGDNTA_00004	12/07/12		Restek, Lot A066822		(Purchased Reagent)		Ethylene glycol dinitrate	1000 ug/mL
.HPNGSP_00004	12/07/12	06/07/12	Methanol, Lot K18E18	50 mL	HPNGTA_00002	2.5 mL	Nitroglycerin	50 ug/mL
..HPNGTA_00002	12/07/12		Restek, Lot A082035		(Purchased Reagent)		Nitroglycerin	1000 ug/mL
.HPPASP_00006	12/11/12	06/11/12	Acetonitrile, Lot K41815	50 mL	HPPATA_00005	2.5 mL	2,4,6-Trinitrophenol	50 ug/mL
..HPPATA_00005	12/11/12		Restek, Lot A086505		(Purchased Reagent)		2,4,6-Trinitrophenol	1000 ug/mL
.HPPETNSP_00003	12/07/12	06/07/12	Methanol, Lot K41815	50 mL	HPPETNTA_00008	2.5 mL	PETN	50 ug/mL
..HPPETNTA_00008	12/07/12		Restek, Lot A085138		(Purchased Reagent)		PETN	1000 ug/mL
HP8330L4_00003	12/07/12	08/29/12	25% 0.1%HoAC in ACN, Lot 4457-51G	50 mL	HP34DNTSU_00005	50 uL	3,4-Dinitrotoluene	50 ng/mL
					HP8330SP_00008	50 uL	3,5-Dinitroaniline	50 ng/mL
							1,3,5-Trinitrobenzene	50 ng/mL
							1,3-Dinitrobenzene	50 ng/mL
							2,4,6-Trinitrotoluene	50 ng/mL
							2,4-Dinitrotoluene	50 ng/mL
							2,6-Dinitrotoluene	50 ng/mL
							2-Amino-4,6-dinitrotoluene	50 ng/mL
							2-Nitrotoluene	50 ng/mL
							3-Nitrotoluene	50 ng/mL
							4-Amino-2,6-dinitrotoluene	50 ng/mL
							4-Nitrotoluene	50 ng/mL
							HMX	50 ng/mL
							Nitrobenzene	50 ng/mL
							RDX	50 ng/mL
							Tetryl	50 ng/mL
					HPEGDNSP_00003	50 uL	Ethylene glycol dinitrate	50 ng/mL
					HPNGSP_00004	50 uL	Nitroglycerin	50 ng/mL
					HPPASP_00006	100 uL	2,4,6-Trinitrophenol	100 ng/mL
					HPPETNSP_00003	50 uL	PETN	50 ng/mL
.HP34DNTSU_00005	01/27/13	07/27/12	Acetonitrile, Lot K41815	50 mL	HP8330SU_00006	2.5 mL	3,4-Dinitrotoluene	50 ug/mL
..HP8330SU_00006	01/27/13		Restek, Lot A082463		(Purchased Reagent)		3,4-Dinitrotoluene	1000 ug/mL
.HP8330SP_00008	02/28/13	08/28/12	Acetonitrile, Lot K49817	50 mL	HP35DNATA_00009	2.5 mL	3,5-Dinitroaniline	50 ug/mL
					HP8330TA_00008	2.5 mL	1,3,5-Trinitrobenzene	50 ug/mL
							1,3-Dinitrobenzene	50 ug/mL
							2,4,6-Trinitrotoluene	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica West Sacramento Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2,4-Dinitrotoluene	50 ug/mL
							2,6-Dinitrotoluene	50 ug/mL
							2-Amino-4,6-dinitrotoluene	50 ug/mL
							2-Nitrotoluene	50 ug/mL
							3-Nitrotoluene	50 ug/mL
							4-Amino-2,6-dinitrotoluene	50 ug/mL
							4-Nitrotoluene	50 ug/mL
							HMX	50 ug/mL
							Nitrobenzene	50 ug/mL
							RDX	50 ug/mL
							Tetryl	50 ug/mL
..HP35DNATA_00009	07/31/16		Restek, Lot A085338		(Purchased Reagent)		3,5-Dinitroaniline	1000 ug/mL
..HP8330TA_00008	05/30/15		Restek, Lot A084334		(Purchased Reagent)		1,3,5-Trinitrobenzene	1000 ug/mL
							1,3-Dinitrobenzene	1000 ug/mL
							2,4,6-Trinitrotoluene	1000 ug/mL
							2,4-Dinitrotoluene	1000 ug/mL
							2,6-Dinitrotoluene	1000 ug/mL
							2-Amino-4,6-dinitrotoluene	1000 ug/mL
							2-Nitrotoluene	1000 ug/mL
							3-Nitrotoluene	1000 ug/mL
							4-Amino-2,6-dinitrotoluene	1000 ug/mL
							4-Nitrotoluene	1000 ug/mL
							HMX	1000 ug/mL
							Nitrobenzene	1000 ug/mL
							RDX	1000 ug/mL
							Tetryl	1000 ug/mL
.HPEGDNSP_00003	12/07/12	06/07/12	Acetonitrile, Lot K41815	50 mL	HPEGDNTA_00004	2.5 mL	Ethylene glycol dinitrate	50 ug/mL
..HPEGDNTA_00004	12/07/12		Restek, Lot A066822		(Purchased Reagent)		Ethylene glycol dinitrate	1000 ug/mL
.HPNGSP_00004	12/07/12	06/07/12	Methanol, Lot K18E18	50 mL	HPNGTA_00002	2.5 mL	Nitroglycerin	50 ug/mL
..HPNGTA_00002	12/07/12		Restek, Lot A082035		(Purchased Reagent)		Nitroglycerin	1000 ug/mL
.HPPASP_00006	12/11/12	06/11/12	Acetonitrile, Lot K41815	50 mL	HPPATA_00005	2.5 mL	2,4,6-Trinitrophenol	50 ug/mL
..HPPATA_00005	12/11/12		Restek, Lot A086505		(Purchased Reagent)		2,4,6-Trinitrophenol	1000 ug/mL
.HPPETNSP_00003	12/07/12	06/07/12	Methanol, Lot K41815	50 mL	HPPETNTA_00008	2.5 mL	PETN	50 ug/mL
..HPPETNTA_00008	12/07/12		Restek, Lot A085138		(Purchased Reagent)		PETN	1000 ug/mL
HP8330L5_00004	12/07/12	08/29/12	25% 1%HoAC in ACN 75, Lot 4457-17F	200 mL	HP34DNTSU_00005	400 uL	3,4-Dinitrotoluene	100 ng/mL
					HP8330SP_00008	400 uL	3,5-Dinitroaniline	100 ng/mL
							1,3,5-Trinitrobenzene	100 ng/mL
							1,3-Dinitrobenzene	100 ng/mL
							2,4,6-Trinitrotoluene	100 ng/mL
							2,4-Dinitrotoluene	100 ng/mL
							2,6-Dinitrotoluene	100 ng/mL
							2-Amino-4,6-dinitrotoluene	100 ng/mL
							2-Nitrotoluene	100 ng/mL
							3-Nitrotoluene	100 ng/mL
							4-Amino-2,6-dinitrotoluene	100 ng/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica West Sacramento Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Nitrotoluene	100 ng/mL
							HMX	100 ng/mL
							Nitrobenzene	100 ng/mL
							RDX	100 ng/mL
							Tetryl	100 ng/mL
					HPEGDNSP_00003	400 uL	Ethylene glycol dinitrate	100 ng/mL
					HPNGSP_00004	400 uL	Nitroglycerin	100 ng/mL
					HPPASP_00006	800 uL	2,4,6-Trinitrophenol	200 ng/mL
					HPPETNSP_00003	400 uL	PETN	100 ng/mL
.HP34DNTSU_00005	01/27/13	07/27/12	Acetonitrile, Lot K41815	50 mL	HP8330SU_00006	2.5 mL	3,4-Dinitrotoluene	50 ug/mL
..HP8330SU_00006	01/27/13	Restek, Lot A082463			(Purchased Reagent)		3,4-Dinitrotoluene	1000 ug/mL
.HP8330SP_00008	02/28/13	08/28/12	Acetonitrile, Lot K49817	50 mL	HP35DNATA_00009	2.5 mL	3,5-Dinitroaniline	50 ug/mL
					HP8330TA_00008	2.5 mL	1,3,5-Trinitrobenzene	50 ug/mL
							1,3-Dinitrobenzene	50 ug/mL
							2,4,6-Trinitrotoluene	50 ug/mL
							2,4-Dinitrotoluene	50 ug/mL
							2,6-Dinitrotoluene	50 ug/mL
							2-Amino-4,6-dinitrotoluene	50 ug/mL
							2-Nitrotoluene	50 ug/mL
							3-Nitrotoluene	50 ug/mL
							4-Amino-2,6-dinitrotoluene	50 ug/mL
							4-Nitrotoluene	50 ug/mL
							HMX	50 ug/mL
							Nitrobenzene	50 ug/mL
							RDX	50 ug/mL
							Tetryl	50 ug/mL
..HP35DNATA_00009	07/31/16	Restek, Lot A085338			(Purchased Reagent)		3,5-Dinitroaniline	1000 ug/mL
..HP8330TA_00008	05/30/15	Restek, Lot A084334			(Purchased Reagent)		1,3,5-Trinitrobenzene	1000 ug/mL
							1,3-Dinitrobenzene	1000 ug/mL
							2,4,6-Trinitrotoluene	1000 ug/mL
							2,4-Dinitrotoluene	1000 ug/mL
							2,6-Dinitrotoluene	1000 ug/mL
							2-Amino-4,6-dinitrotoluene	1000 ug/mL
							2-Nitrotoluene	1000 ug/mL
							3-Nitrotoluene	1000 ug/mL
							4-Amino-2,6-dinitrotoluene	1000 ug/mL
							4-Nitrotoluene	1000 ug/mL
							HMX	1000 ug/mL
							Nitrobenzene	1000 ug/mL
							RDX	1000 ug/mL
							Tetryl	1000 ug/mL
.HPEGDNSP_00003	12/07/12	06/07/12	Acetonitrile, Lot K41815	50 mL	HPEGDNTA_00004	2.5 mL	Ethylene glycol dinitrate	50 ug/mL
..HPEGDNTA_00004	12/07/12	Restek, Lot A066822			(Purchased Reagent)		Ethylene glycol dinitrate	1000 ug/mL
.HPNGSP_00004	12/07/12	06/07/12	Methanol, Lot K18E18	50 mL	HPNGTA_00002	2.5 mL	Nitroglycerin	50 ug/mL
..HPNGTA_00002	12/07/12	Restek, Lot A082035			(Purchased Reagent)		Nitroglycerin	1000 ug/mL

Lab Name: TestAmerica West Sacramento Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
.HPPASP_00006	12/11/12	06/11/12	Acetonitrile, Lot K41815	50 mL	HPPATA_00005	2.5 mL	2,4,6-Trinitrophenol	50 ug/mL
..HPPATA_00005	12/11/12		Restek, Lot A086505		(Purchased Reagent)		2,4,6-Trinitrophenol	1000 ug/mL
.HPPETNSP_00003	12/07/12	06/07/12	Methanol, Lot K41815	50 mL	HPPETNTA_00008	2.5 mL	PETN	50 ug/mL
..HPPETNTA_00008	12/07/12		Restek, Lot A085138		(Purchased Reagent)		PETN	1000 ug/mL
HP8330L6_00004	12/07/12	08/29/12	25% 0.1%HoAC in ACN, Lot 4457-51G	100 mL	HP34DNTSU_00005	400 uL	3,4-Dinitrotoluene	200 ng/mL
					HP8330SP_00008	400 uL	3,5-Dinitroaniline	200 ng/mL
							1,3,5-Trinitrobenzene	200 ng/mL
							1,3-Dinitrobenzene	200 ng/mL
							2,4,6-Trinitrotoluene	200 ng/mL
							2,4-Dinitrotoluene	200 ng/mL
							2,6-Dinitrotoluene	200 ng/mL
							2-Amino-4,6-dinitrotoluene	200 ng/mL
							2-Nitrotoluene	200 ng/mL
							3-Nitrotoluene	200 ng/mL
							4-Amino-2,6-dinitrotoluene	200 ng/mL
							4-Nitrotoluene	200 ng/mL
							HMX	200 ng/mL
							Nitrobenzene	200 ng/mL
							RDX	200 ng/mL
							Tetryl	200 ng/mL
					HPEGDNSP_00003	400 uL	Ethylene glycol dinitrate	200 ng/mL
					HPNGSP_00004	400 uL	Nitroglycerin	200 ng/mL
					HPPASP_00006	1000 uL	2,4,6-Trinitrophenol	500 ng/mL
					HPPETNSP_00003	400 uL	PETN	200 ng/mL
.HP34DNTSU_00005	01/27/13	07/27/12	Acetonitrile, Lot K41815	50 mL	HP8330SU_00006	2.5 mL	3,4-Dinitrotoluene	50 ug/mL
..HP8330SU_00006	01/27/13		Restek, Lot A082463		(Purchased Reagent)		3,4-Dinitrotoluene	1000 ug/mL
.HP8330SP_00008	02/28/13	08/28/12	Acetonitrile, Lot K49817	50 mL	HP35DNATA_00009	2.5 mL	3,5-Dinitroaniline	50 ug/mL
					HP8330TA_00008	2.5 mL	1,3,5-Trinitrobenzene	50 ug/mL
							1,3-Dinitrobenzene	50 ug/mL
							2,4,6-Trinitrotoluene	50 ug/mL
							2,4-Dinitrotoluene	50 ug/mL
							2,6-Dinitrotoluene	50 ug/mL
							2-Amino-4,6-dinitrotoluene	50 ug/mL
							2-Nitrotoluene	50 ug/mL
							3-Nitrotoluene	50 ug/mL
							4-Amino-2,6-dinitrotoluene	50 ug/mL
							4-Nitrotoluene	50 ug/mL
							HMX	50 ug/mL
							Nitrobenzene	50 ug/mL
							RDX	50 ug/mL
							Tetryl	50 ug/mL
..HP35DNATA_00009	07/31/16		Restek, Lot A085338		(Purchased Reagent)		3,5-Dinitroaniline	1000 ug/mL
..HP8330TA_00008	05/30/15		Restek, Lot A084334		(Purchased Reagent)		1,3,5-Trinitrobenzene	1000 ug/mL
							1,3-Dinitrobenzene	1000 ug/mL

Lab Name: TestAmerica West Sacramento Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2,4,6-Trinitrotoluene	1000 ug/mL
							2,4-Dinitrotoluene	1000 ug/mL
							2,6-Dinitrotoluene	1000 ug/mL
							2-Amino-4,6-dinitrotoluene	1000 ug/mL
							2-Nitrotoluene	1000 ug/mL
							3-Nitrotoluene	1000 ug/mL
							4-Amino-2,6-dinitrotoluene	1000 ug/mL
							4-Nitrotoluene	1000 ug/mL
							HMX	1000 ug/mL
							Nitrobenzene	1000 ug/mL
							RDX	1000 ug/mL
							Tetryl	1000 ug/mL
.HPEGDNSP_00003	12/07/12	06/07/12	Acetonitrile, Lot K41815	50 mL	HPEGDNTA_00004	2.5 mL	Ethylene glycol dinitrate	50 ug/mL
..HPEGDNTA_00004	12/07/12		Restek, Lot A066822		(Purchased Reagent)		Ethylene glycol dinitrate	1000 ug/mL
.HPNGSP_00004	12/07/12	06/07/12	Methanol, Lot K18E18	50 mL	HPNGTA_00002	2.5 mL	Nitroglycerin	50 ug/mL
..HPNGTA_00002	12/07/12		Restek, Lot A082035		(Purchased Reagent)		Nitroglycerin	1000 ug/mL
.HPPASP_00006	12/11/12	06/11/12	Acetonitrile, Lot K41815	50 mL	HPPATA_00005	2.5 mL	2,4,6-Trinitrophenol	50 ug/mL
..HPPATA_00005	12/11/12		Restek, Lot A086505		(Purchased Reagent)		2,4,6-Trinitrophenol	1000 ug/mL
.HPPETNSP_00003	12/07/12	06/07/12	Methanol, Lot K41815	50 mL	HPPETNTA_00008	2.5 mL	PETN	50 ug/mL
..HPPETNTA_00008	12/07/12		Restek, Lot A085138		(Purchased Reagent)		PETN	1000 ug/mL
HP8330L7_00003	12/07/12	08/29/12	25% 0.1%HoAC in ACN, Lot 4457-51G	25 mL	HP34DNTSU_00005	150 uL	3,4-Dinitrotoluene	300 ng/mL
					HP8330SP_00008	250 uL	3,5-Dinitroaniline	500 ng/mL
							1,3,5-Trinitrobenzene	500 ng/mL
							1,3-Dinitrobenzene	500 ng/mL
							2,4,6-Trinitrotoluene	500 ng/mL
							2,4-Dinitrotoluene	500 ng/mL
							2,6-Dinitrotoluene	500 ng/mL
							2-Amino-4,6-dinitrotoluene	500 ng/mL
							2-Nitrotoluene	500 ng/mL
							3-Nitrotoluene	500 ng/mL
							4-Amino-2,6-dinitrotoluene	500 ng/mL
							4-Nitrotoluene	500 ng/mL
							HMX	500 ng/mL
							Nitrobenzene	500 ng/mL
							RDX	500 ng/mL
							Tetryl	500 ng/mL
					HPEGDNSP_00003	250 uL	Ethylene glycol dinitrate	500 ng/mL
					HPNGSP_00004	250 uL	Nitroglycerin	500 ng/mL
					HPPASP_00006	500 uL	2,4,6-Trinitrophenol	1000 ng/mL
					HPPETNSP_00003	250 uL	PETN	500 ng/mL
.HP34DNTSU_00005	01/27/13	07/27/12	Acetonitrile, Lot K41815	50 mL	HP8330SU_00006	2.5 mL	3,4-Dinitrotoluene	50 ug/mL
..HP8330SU_00006	01/27/13		Restek, Lot A082463		(Purchased Reagent)		3,4-Dinitrotoluene	1000 ug/mL
.HP8330SP_00008	02/28/13	08/28/12	Acetonitrile, Lot K49817	50 mL	HP35DNATA_00009	2.5 mL	3,5-Dinitroaniline	50 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica West Sacramento Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					HP8330TA_00008	2.5 mL	1,3,5-Trinitrobenzene	50 ug/mL
							1,3-Dinitrobenzene	50 ug/mL
							2,4,6-Trinitrotoluene	50 ug/mL
							2,4-Dinitrotoluene	50 ug/mL
							2,6-Dinitrotoluene	50 ug/mL
							2-Amino-4,6-dinitrotoluene	50 ug/mL
							2-Nitrotoluene	50 ug/mL
							3-Nitrotoluene	50 ug/mL
							4-Amino-2,6-dinitrotoluene	50 ug/mL
							4-Nitrotoluene	50 ug/mL
							HMX	50 ug/mL
							Nitrobenzene	50 ug/mL
							RDX	50 ug/mL
							Tetryl	50 ug/mL
..HP35DNATA_00009	07/31/16		Restek, Lot A085338		(Purchased Reagent)		3,5-Dinitroaniline	1000 ug/mL
..HP8330TA_00008	05/30/15		Restek, Lot A084334		(Purchased Reagent)		1,3,5-Trinitrobenzene	1000 ug/mL
							1,3-Dinitrobenzene	1000 ug/mL
							2,4,6-Trinitrotoluene	1000 ug/mL
							2,4-Dinitrotoluene	1000 ug/mL
							2,6-Dinitrotoluene	1000 ug/mL
							2-Amino-4,6-dinitrotoluene	1000 ug/mL
							2-Nitrotoluene	1000 ug/mL
							3-Nitrotoluene	1000 ug/mL
							4-Amino-2,6-dinitrotoluene	1000 ug/mL
							4-Nitrotoluene	1000 ug/mL
							HMX	1000 ug/mL
							Nitrobenzene	1000 ug/mL
							RDX	1000 ug/mL
							Tetryl	1000 ug/mL
.HPEGDNSP_00003	12/07/12	06/07/12	Acetonitrile, Lot K41815	50 mL	HPEGDNTA_00004	2.5 mL	Ethylene glycol dinitrate	50 ug/mL
..HPEGDNTA_00004	12/07/12		Restek, Lot A066822		(Purchased Reagent)		Ethylene glycol dinitrate	1000 ug/mL
.HPNGSP_00004	12/07/12	06/07/12	Methanol, Lot K18E18	50 mL	HPNGTA_00002	2.5 mL	Nitroglycerin	50 ug/mL
..HPNGTA_00002	12/07/12		Restek, Lot A082035		(Purchased Reagent)		Nitroglycerin	1000 ug/mL
.HPPASP_00006	12/11/12	06/11/12	Acetonitrile, Lot K41815	50 mL	HPPATA_00005	2.5 mL	2,4,6-Trinitrophenol	50 ug/mL
..HPPATA_00005	12/11/12		Restek, Lot A086505		(Purchased Reagent)		2,4,6-Trinitrophenol	1000 ug/mL
.HPPETNSP_00003	12/07/12	06/07/12	Methanol, Lot K41815	50 mL	HPPETNTA_00008	2.5 mL	PETN	50 ug/mL
..HPPETNTA_00008	12/07/12		Restek, Lot A085138		(Purchased Reagent)		PETN	1000 ug/mL
HP8330L8_00003	12/07/12	08/29/12	25% 0.1%HoAC in ACN, Lot 4457-51G	25 mL	HP34DNTSU_00005	250 uL	3,4-Dinitrotoluene	500 ng/mL
					HP8330SP_00008	500 uL	3,5-Dinitroaniline	1000 ng/mL
							1,3,5-Trinitrobenzene	1000 ng/mL
							1,3-Dinitrobenzene	1000 ng/mL
							2,4,6-Trinitrotoluene	1000 ng/mL
							2,4-Dinitrotoluene	1000 ng/mL
							2,6-Dinitrotoluene	1000 ng/mL
							2-Amino-4,6-dinitrotoluene	1000 ng/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica West Sacramento Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Nitrotoluene	1000 ng/mL
							3-Nitrotoluene	1000 ng/mL
							4-Amino-2,6-dinitrotoluene	1000 ng/mL
							4-Nitrotoluene	1000 ng/mL
							HMX	1000 ng/mL
							Nitrobenzene	1000 ng/mL
							RDX	1000 ng/mL
							Tetryl	1000 ng/mL
					HPEGDNSP_00003	500 uL	Ethylene glycol dinitrate	1000 ng/mL
					HPNGSP_00004	500 uL	Nitroglycerin	1000 ng/mL
					HPPASP_00006	1 mL	2,4,6-Trinitrophenol	2000 ng/mL
					HPPETNSP_00003	500 uL	PETN	1000 ng/mL
.HP34DNTSU_00005	01/27/13	07/27/12	Acetonitrile, Lot K41815	50 mL	HP8330SU_00006	2.5 mL	3,4-Dinitrotoluene	50 ug/mL
..HP8330SU_00006	01/27/13	Restek, Lot A082463			(Purchased Reagent)		3,4-Dinitrotoluene	1000 ug/mL
.HP8330SP_00008	02/28/13	08/28/12	Acetonitrile, Lot K49817	50 mL	HP35DNATA_00009	2.5 mL	3,5-Dinitroaniline	50 ug/mL
					HP8330TA_00008	2.5 mL	1,3,5-Trinitrobenzene	50 ug/mL
							1,3-Dinitrobenzene	50 ug/mL
							2,4,6-Trinitrotoluene	50 ug/mL
							2,4-Dinitrotoluene	50 ug/mL
							2,6-Dinitrotoluene	50 ug/mL
							2-Amino-4,6-dinitrotoluene	50 ug/mL
							2-Nitrotoluene	50 ug/mL
							3-Nitrotoluene	50 ug/mL
							4-Amino-2,6-dinitrotoluene	50 ug/mL
							4-Nitrotoluene	50 ug/mL
							HMX	50 ug/mL
							Nitrobenzene	50 ug/mL
							RDX	50 ug/mL
							Tetryl	50 ug/mL
..HP35DNATA_00009	07/31/16	Restek, Lot A085338			(Purchased Reagent)		3,5-Dinitroaniline	1000 ug/mL
..HP8330TA_00008	05/30/15	Restek, Lot A084334			(Purchased Reagent)		1,3,5-Trinitrobenzene	1000 ug/mL
							1,3-Dinitrobenzene	1000 ug/mL
							2,4,6-Trinitrotoluene	1000 ug/mL
							2,4-Dinitrotoluene	1000 ug/mL
							2,6-Dinitrotoluene	1000 ug/mL
							2-Amino-4,6-dinitrotoluene	1000 ug/mL
							2-Nitrotoluene	1000 ug/mL
							3-Nitrotoluene	1000 ug/mL
							4-Amino-2,6-dinitrotoluene	1000 ug/mL
							4-Nitrotoluene	1000 ug/mL
							HMX	1000 ug/mL
							Nitrobenzene	1000 ug/mL
							RDX	1000 ug/mL
							Tetryl	1000 ug/mL
.HPEGDNSP_00003	12/07/12	06/07/12	Acetonitrile, Lot K41815	50 mL	HPEGDNTA_00004	2.5 mL	Ethylene glycol dinitrate	50 ug/mL

Lab Name: TestAmerica West Sacramento Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..HPEGDNTA_00004	12/07/12		Restek, Lot A066822		(Purchased Reagent)		Ethylene glycol dinitrate	1000 ug/mL
.HPNGSP_00004	12/07/12	06/07/12	Methanol, Lot K18E18	50 mL	HPNGTA_00002	2.5 mL	Nitroglycerin	50 ug/mL
..HPNGTA_00002	12/07/12		Restek, Lot A082035		(Purchased Reagent)		Nitroglycerin	1000 ug/mL
.HPPASP_00006	12/11/12	06/11/12	Acetonitrile, Lot K41815	50 mL	HPPATA_00005	2.5 mL	2,4,6-Trinitrophenol	50 ug/mL
..HPPATA_00005	12/11/12		Restek, Lot A086505		(Purchased Reagent)		2,4,6-Trinitrophenol	1000 ug/mL
.HPPETNSP_00003	12/07/12	06/07/12	Methanol, Lot K41815	50 mL	HPPETNTA_00008	2.5 mL	PETN	50 ug/mL
..HPPETNTA_00008	12/07/12		Restek, Lot A085138		(Purchased Reagent)		PETN	1000 ug/mL
HP8330SP_00008	02/28/13	08/28/12	Acetonitrile, Lot K49817	50 mL	HP35DNATA_00009	2.5 mL	3,5-Dinitroaniline	50 ug/mL
					HP8330TA_00008	2.5 mL	1,3,5-Trinitrobenzene	50 ug/mL
							1,3-Dinitrobenzene	50 ug/mL
							2,4,6-Trinitrotoluene	50 ug/mL
							2,4-Dinitrotoluene	50 ug/mL
							2,6-Dinitrotoluene	50 ug/mL
							2-Amino-4,6-dinitrotoluene	50 ug/mL
							2-Nitrotoluene	50 ug/mL
							3-Nitrotoluene	50 ug/mL
							4-Amino-2,6-dinitrotoluene	50 ug/mL
							4-Nitrotoluene	50 ug/mL
							HMX	50 ug/mL
							Nitrobenzene	50 ug/mL
							RDX	50 ug/mL
							Tetryl	50 ug/mL
.HP35DNATA_00009	07/31/16		Restek, Lot A085338		(Purchased Reagent)		3,5-Dinitroaniline	1000 ug/mL
.HP8330TA_00008	05/30/15		Restek, Lot A084334		(Purchased Reagent)		1,3,5-Trinitrobenzene	1000 ug/mL
							1,3-Dinitrobenzene	1000 ug/mL
							2,4,6-Trinitrotoluene	1000 ug/mL
							2,4-Dinitrotoluene	1000 ug/mL
							2,6-Dinitrotoluene	1000 ug/mL
							2-Amino-4,6-dinitrotoluene	1000 ug/mL
							2-Nitrotoluene	1000 ug/mL
							3-Nitrotoluene	1000 ug/mL
							4-Amino-2,6-dinitrotoluene	1000 ug/mL
							4-Nitrotoluene	1000 ug/mL
							HMX	1000 ug/mL
							Nitrobenzene	1000 ug/mL
							RDX	1000 ug/mL
							Tetryl	1000 ug/mL
HPNCSP_00006	11/21/12	06/21/12	Acetone, Lot K43E07	200 mL	HPNCTA_00001	0.1011 g	Nitrocellulose	505.5 ug/mL
.HPNCTA_00001	03/19/17		Theater Affects, Lot 031912		(Purchased Reagent)		Nitrocellulose	1 g/g
HPNGSP_00006	12/07/12	09/05/12	Methanol, Lot K18E18	50 mL	HPNGTA_00003	2.5 mL	Nitroglycerin	50 ug/mL
.HPNGTA_00003	03/06/13		Restek, Lot A082035		(Purchased Reagent)		Nitroglycerin	1000 ug/mL
HPNQ2xMDL_00002	04/15/13	10/16/12	DI Water, Lot M10152012	4 mL	HPNQL2_00003	1 mL	Nitroguanidine	5 ng/mL
.HPNQL2_00003	04/15/13	10/16/12	Water, Lot M10152012	50 mL	HPNQSP_00006	20 uL	Nitroguanidine	20 ng/mL
..HPNQSP_00006	04/15/13	10/15/12	Methanol, Lot K18E18	25 mL	HPNQTA_00002	1.25 mL	Nitroguanidine	50 ug/mL
...HPNQTA_00002	04/15/13		Restek, Lot A076817		(Purchased Reagent)		Nitroguanidine	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica West Sacramento Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
HPNQIC_00002	12/12/12	06/12/12	Water, Lot NA	50 mL	HPNQTA_00009	0.1 mL	Nitroguanidine	200 ng/mL
.HPNQTA_00009	12/12/12	AccuStandard, Inc, Lot 211111014			(Purchased Reagent)		Nitroguanidine	100 ug/mL
HPNQL2_00003	04/15/13	10/16/12	Water, Lot M10152012	50 mL	HPNQSP_00006	20 uL	Nitroguanidine	20 ng/mL
.HPNQSP_00006	04/15/13	10/15/12	Methanol, Lot K18E18	25 mL	HPNQTA_00002	1.25 mL	Nitroguanidine	50 ug/mL
..HPNQTA_00002	04/15/13	Restek, Lot A076817			(Purchased Reagent)		Nitroguanidine	1000 ug/mL
HPNQL3_00003	04/15/13	10/12/12	Water, Lot M10152012	50 mL	HPNQSP_00006	50 uL	Nitroguanidine	50 ng/mL
.HPNQSP_00006	04/15/13	10/15/12	Methanol, Lot K18E18	25 mL	HPNQTA_00002	1.25 mL	Nitroguanidine	50 ug/mL
..HPNQTA_00002	04/15/13	Restek, Lot A076817			(Purchased Reagent)		Nitroguanidine	1000 ug/mL
HPNQL4_00003	04/15/13	10/16/12	Water, Lot M10152012	50 mL	HPNQSP_00006	100 uL	Nitroguanidine	100 ng/mL
.HPNQSP_00006	04/15/13	10/15/12	Methanol, Lot K18E18	25 mL	HPNQTA_00002	1.25 mL	Nitroguanidine	50 ug/mL
..HPNQTA_00002	04/15/13	Restek, Lot A076817			(Purchased Reagent)		Nitroguanidine	1000 ug/mL
HPNQL5_00003	04/15/13	10/16/12	Water, Lot M10152012	50 mL	HPNQSP_00006	200 uL	Nitroguanidine	200 ng/mL
.HPNQSP_00006	04/15/13	10/15/12	Methanol, Lot K18E18	25 mL	HPNQTA_00002	1.25 mL	Nitroguanidine	50 ug/mL
..HPNQTA_00002	04/15/13	Restek, Lot A076817			(Purchased Reagent)		Nitroguanidine	1000 ug/mL
HPNQL6_00003	04/15/13	10/16/12	Water, Lot M10152012	25 mL	HPNQSP_00006	250 uL	Nitroguanidine	500 ng/mL
.HPNQSP_00006	04/15/13	10/15/12	Methanol, Lot K18E18	25 mL	HPNQTA_00002	1.25 mL	Nitroguanidine	50 ug/mL
..HPNQTA_00002	04/15/13	Restek, Lot A076817			(Purchased Reagent)		Nitroguanidine	1000 ug/mL
HPNQL7_00003	04/15/13	10/16/12	Water, Lot M10152012	25 mL	HPNQSP_00006	500 uL	Nitroguanidine	1000 ng/mL
.HPNQSP_00006	04/15/13	10/15/12	Methanol, Lot K18E18	25 mL	HPNQTA_00002	1.25 mL	Nitroguanidine	50 ug/mL
..HPNQTA_00002	04/15/13	Restek, Lot A076817			(Purchased Reagent)		Nitroguanidine	1000 ug/mL
HPNQSP_00006	04/15/13	10/15/12	Methanol, Lot K18E18	25 mL	HPNQTA_00002	1.25 mL	Nitroguanidine	50 ug/mL
.HPNQTA_00002	04/15/13	Restek, Lot A076817			(Purchased Reagent)		Nitroguanidine	1000 ug/mL
HPPETNSP_00005	03/05/13	09/05/12	Methanol, Lot K41815	50 mL	HPPETNTA_00009	2.5 mL	PETN	50 ug/mL
.HPPETNTA_00009	03/05/13	Restek, Lot A085138			(Purchased Reagent)		PETN	1000 ug/mL
WC-353.2-ICV_00010	12/14/12	11/14/12	DI Water, Lot xxxx	100 mL	WC-N02-1000_00014	0.05 mL	Nitrate Nitrite as N	1 mg/L as N
					WC-N03-1000_00002	0.05 mL	Nitrate Nitrite as N	1 mg/L as N
.WC-N02-1000_00014	08/14/13	CPI International, Lot 12B200			(Purchased Reagent)		Nitrate Nitrite as N	1000 mg/L as N
.WC-N03-1000_00002	08/14/13	RICCA, Lot 1204143			(Purchased Reagent)		Nitrate Nitrite as N	1000 mg/L as N
WC-353.2-L1_00011	12/14/12	11/14/12	DI Water, Lot xxxx	100 mL	WC-353.2-INT_00009	0.05 mL	Nitrocellulose	0.42375 mg/L as N
.WC-353.2-INT_00009	12/14/12	11/14/12	DI Water, Lot xxxxxxx	10 mL	WC-N02-1000_00013	0.5 mL	Nitrocellulose	847.5 mg/L as N
					WC-N03-1000_00003	0.5 mL	Nitrocellulose	847.5 mg/L as N
..WC-N02-1000_00013	11/09/13	ERA, Lot 210912			(Purchased Reagent)		Nitrocellulose	8475 mg/L as N
..WC-N03-1000_00003	04/19/13	ERA, Lot 2040212			(Purchased Reagent)		Nitrocellulose	8475 mg/L as N
WC-353.2-L4_00008	12/14/12	11/14/12	DI Water, Lot xxxx	100 mL	WC-353.2-INT_00009	1 mL	Nitrate Nitrite as N	1 mg/L as N
							Nitrocellulose	8.475 mg/L as N
.WC-353.2-INT_00009	12/14/12	11/14/12	DI Water, Lot xxxxxxx	10 mL	WC-N02-1000_00013	0.5 mL	Nitrate Nitrite as N	100 mg/L as N

REAGENT TRACEABILITY SUMMARY

Lab Name: TestAmerica West Sacramento Job No.: 240-17317-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Nitrocellulose	847.5 mg/L as N
					WC-N03-1000_00003	0.5 mL	Nitrate Nitrite as N	100 mg/L as N
							Nitrocellulose	847.5 mg/L as N
..WC-N02-1000_00013	11/09/13	ERA, Lot 210912			(Purchased Reagent)		Nitrate Nitrite as N	1000 mg/L as N
							Nitrocellulose	8475 mg/L as N
..WC-N03-1000_00003	04/19/13	ERA, Lot 2040212			(Purchased Reagent)		Nitrate Nitrite as N	1000 mg/L as N
							Nitrocellulose	8475 mg/L as N

HIGH-PURITY STANDARDS
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P.O. Box 41727
Charleston, SC 29423
Phone (843) 767-7900
Fax (843) 767-7906

Certificate of Analysis

rec'd SG 8-24-12

Product Description:

Name:	Mercury	Source Material:	Mercury Metal
Part Number:	**10 33-1**	Material Purity:	99.9998%
Lot Number:	**1221902**	Matrix:	5% (v/v) HNO_3

Certified Value: 10.0 µg/mL ± 0.1 µg/mL

The Certified value is based on gravimetric and volumetric preparation, and confirmed against SRM 3133 (lot number 061204) via inductively coupled plasma optical emission spectrometry (ICP-OES) using an internal laboratory-developed method. The uncertainty in the certified value is calculated for a 95% confidence interval and coverage factor *k* is about 2.

Preparation Information:

The standard solution is prepared using high purity materials and assayed by analytical methods for conformity prior to use. This standard was prepared using the methods developed at NIST for SRM Spectrometric Standard Solutions under appropriate laboratory conditions.

Sub-boiling distilled high-purity acid has been used to place the materials in solution and to stabilize the standard. The matrix is as noted above in 18 mega ohm deionized water.

Traceability Information:

The traceability of this standard is maintained through an unbroken chain of comparisons to appropriate standards with suitable procedure and measurement uncertainties. The maintenance of the base and derived units of International System of Units (SI) with traceability of measurement results (contemporary metrology) to SI ensures their comparability over time as follows.

a. **Standard Weight and Analytical Balance**
The standard weights (NBS weights Inventory No 20231A) are calibrated every two years by South Carolina Metrology Laboratory that is a participant in "NIST Weights and Measures Measurement Assurance Program" with a certificate of measurement traceability to NIST primary standards.
The balances are calibrated yearly by the ISO 17025 accredited metrology service, and are verified weekly by an in-house method using standard weights.

b. **Volumetric Device**
The calibration of volumetric vessels is checked annually using the NBS 602 method.

c. **Thermometer**
The standard thermometers are calibrated every year by the ISO 17025 accredited metrology service. The thermometers used in-house are verified against the standard thermometers yearly.

d. **Calibration Standards:**
The Calibration Standard is directly traceable to SRM 3100 Series Spectrometric Standard Solutions.

Packaging and Storage Conditions:

The standard is packaged in a pre-cleaned polyethylene bottle. To maintain the integrity of this product, the solution should be kept tightly capped and stored under normal laboratory conditions.

High-Purity Standards is certified to ISO 9001:2008 and accredited to ISO/IEC 17025:2005 and ISO Guide 34:2009.

Refer to Material Safety Datasheet (MSDS) for hazardous information.

Expiration Information:

The expiry date is guaranteed to be valid for twelve months from the shipping date provided. For this reason, standards from the same lot may have different expiration dates.

Preparation Date: August 6, 2012
Shipped Date: AUG 2 0 2012
Expiration Date: AUG 2 0 2013
Certificate Issue Date: August 7, 2012

Quality Information:

ISO/IEC 17025:2005 Accreditation
Certificate Number AT-1529

Vanny T. Yib,
Inorganic Laboratory Manager

Angel Sellers
Quality Manager

NOTICE: HPS products are intended for laboratory use only. All products should be handled and used by trained professional personnel. The responsibility for the safe handling and use of these products rests solely with the buyer and/or user. The data and information as stated was furnished by the manufacturer of the product. The information provided in this certificate pertains only to the lot number specified. None of the information provided in this certificate may be used, reproduced or transmitted in any form or by any means without written approval from High Purity Standards.

High-Purity Standards is certified to ISO 9001:2008 and accredited to ISO/IEC 17025:2005 and ISO Guide 34:2009.

HIGH-PURITY STANDARDS
www.highpuritystandards.com

P.O. Box 41727
Charleston, SC 29423
Phone (843) 767-7900
Fax (843) 767-7906

Certificate of Analysis

rec'd 7-12-12 SG

Product Description:

Name:	ICP-MS-2
Part Number:	**SM-606-049**
Lot Number:	**1218529**
Matrix:	5% HNO_3
Purity:	99.98% - 99.9995%

Certified Values:

Element	(µg/mL)	SRM ID	SRM Lot#	Element	(µg/mL)	SRM ID	SRM Lot#
Al	1000 ± 5	3101a	060502	Mg	1000 ± 5	3131a	050302
Ca	1000 ± 5	3109a	050825	K	1000 ± 5	3141a	051220
Fe	1000 ± 5	3126a	051031	Na	1000 ± 5	3152a	010728

The Certified values are based on gravimetric and volumetric preparation, and verified against SRM 3100 series developed by National Institute of Standards and Technology (NIST) via inductively coupled plasma optical emission spectrometry (ICP-OES) using an internal laboratory developed method. The uncertainty in the certified value is calculated for a 95% confidence interval and coverage factor *k* is about 2

* Refer to Traceability Information, Section d

Preparation Information:

The standard is generally prepared from single element standard solutions that are ISO Guide 34 certified reference materials. Highest purity source materials were purchased from qualified vendors per ISO 9001:2008 guidelines and assayed by ICP-OES for conformity prior to use. Sub-boiling distilled high-purity acid has been used to place the materials in solution and to stabilize the standard. The matrix is as noted above in 18 megaohm deionized water.

Traceability Information:

The traceability of this standard is maintained through an unbroken chain of comparisons to appropriate standards with suitable procedure and measurement uncertainties. The maintenance of the base and derived units of International System of Units (SI) with traceability of measurement results (contemporary metrology) to SI ensures their comparability over time as follows.

a. **Standard Weight and Analytical Balance**
The standard weights (NBS weights Inventory No 20231A) are calibrated every two years by South Carolina Metrology Laboratory that is a participant in "NIST Weights and Measures Measurement Assurance Program" with a certificate of measurement traceability to NIST primary standards.
The balances are calibrated yearly by the ISO 17025 accredited metrology service, and are verified weekly by an in-house method using standard weights.

b. **Volumetric Device**
The calibration of volumetric vessels is checked annually using the NBS 602 method.

High-Purity Standards is certified to ISO 9001:2008 and accredited to ISO/IEC 17025:2005 and ISO Guide 34:2009.

c. **Thermometer**
The standard thermometers are calibrated every year by the ISO 17025 accredited metrology service. The thermometers used in-house are verified against the standard thermometers yearly.

d. **Calibration Standards**
The Calibration Standards are traceable to SRM 3100 Series Spectrometric Standard Solutions or second sources.

Packaging and Storage Conditions:

The standard is packaged in a pre-cleaned polyethylene bottle. To maintain the integrity of this product, the solution should be kept tightly capped and stored under normal laboratory conditions.

Refer to Material Safety Datasheet (MSDS) for hazardous information.

Expiration Information:

The expiry date is guaranteed to be valid for twelve months from the shipping date provided. For this reason, standards from the same lot may have different expiration dates.

Preparation Date: July 3, 2012
Shipped Date: JUL 10 2012
Expiration Date: JUL 10 2013
Certificate Issue Date: July 5, 2012

Quality Information:

ACLASS ACCREDITED TESTING

ISO/IEC 17025:2005 Accreditation
Certificate Number AT-1529

Vanny T. Yib,
Inorganic Laboratory Manager

Angel Sellers
Quality Manager

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Recd 1.12.12 4PM

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P.O. Box 41727
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Phone (843) 767-7900
Fax (843) 767-7906

Certificate of Analysis

SM-606-021 (ICV/LCS-1 10ppm)

Solution A

Lot # 1200416

Source	Source Purity	Matrix	Standard Concentration
High Purity Metals, Salts or Oxides	99.997+%	HNO_3, 2%	10 µg/mL ± 0.5% See element list on reverse

This spectrometric standard solution has been prepared from high-purity reference materials. Sub-boiling distilled high-purity acid has been used to place the materials in solution and to stabilize the standard. The matrix is as noted above in 18 megaohm deionized water. The reference materials have been assayed by inductively coupled plasma optical emission spectrometry (ICP-OES).

The standard has been prepared gravimetrically by weighing the reference material to 5 significant figures. Volumetric glassware has been calibrated gravimetrically to 5 significant figures. The standard concentration has been verified by ICP-OES against an independent source which is directly traceable to National Institute of Standards and Technology, Standard Reference Material No. 3100 series.

This standard is valid for one year from the shipping date provided the solution is kept tightly capped and stored under normal laboratory conditions.

Theodore C. Rains

Theodore C. Rains, Ph.D.
President

Exp Date: JAN 10 2013

MSDS ATTACHED

SM-606-021 (ICV/LCS-1 10ppm)
Solution A
Element List
(10 µg/mL)

Arsenic
Barium
Beryllium
Boron
Cadmium
Chromium
Cobalt
Copper
Lead
Manganese
Nickel
Selenium
Strontium
Thallium
Vanadium
Zinc

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Certificate of Analysis

Rec'd 9-13-12 km

Product Description:

Name:	ICPMS 1A
Part Number:	**SM-606-119**
	Solution A
Lot Number:	**1225405**
Matrix:	2% HNO_3
* Purity:	99.995% - 99.9999%

Certified Values:

Element	(µg/mL)	SRM ID	SRM Lot#	Element	(µg/mL)	SRM ID	SRM Lot#
As	100 ± 1	3103a	100818	Mn	100 ± 1	3132	050429
Ba	100.0 ± 0.6	3104a	070222	Ni	100.0 ± 0.5	3136	000612
Be	100 ± 1	3105a	090514	Se	100 ± 1	3149	100901
Cd	100.0 ± 0.5	3108	060531	Sr	100.0 ± 0.5	3153a	990906
Cr	100.0 ± 0.5	3112a	030730	Tl	25 ± 0.2	3158	993012
Co	100.0 ± 0.5	3113	000630	V	100.0 ± 0.6	3165	992706
Cu	100.0 ± 0.5	3114	011017	Zn	100.0 ± 0.5	3168a	080123
Pb	100.0 ± 0.6	3128	101026				

The Certified values are based on gravimetric and volumetric preparation, and verified against SRM 3100 series developed by National Institute of Standards and Technology (NIST) via inductively coupled plasma optical emission spectrometry (ICP-OES) using an internal laboratory developed method. The uncertainty in the certified value is calculated for a 95% confidence interval and coverage factor *k* is about 2

* Refer to Traceability Information, Section d

Preparation Information:

The standard is generally prepared from single element standard solutions that are ISO Guide 34 certified reference materials. Highest purity source materials were purchased from qualified vendors per ISO 9001:2008 guidelines and assayed by ICP-OES for conformity prior to use. Sub-boiling distilled high-purity acid has been used to place the materials in solution and to stabilize the standard. The matrix is as noted above in 18 megaohm deionized water.

Traceability Information:

The traceability of this standard is maintained through an unbroken chain of comparisons to appropriate standards with suitable procedure and measurement uncertainties. The maintenance of the base and derived units of International System of Units (SI) with traceability of measurement results (contemporary metrology) to SI ensures their comparability over time as follows.

High-Purity Standards is certified to ISO 9001:2008 and accredited to ISO/IEC 17025:2005 and ISO Guide 34:2009.

a. **Standard Weight and Analytical Balance**
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The balances are calibrated yearly by the ISO 17025 accredited metrology service, and are verified weekly by an in-house method using standard weights.

b. **Volumetric Device**
The calibration of volumetric vessels is checked annually using the NBS 602 method.

c. **Thermometer**
The standard thermometers are calibrated every year by the ISO 17025 accredited metrology service. The thermometers used in-house are verified against the standard thermometers yearly.

d. **Calibration Standards**
The Calibration Standards are traceable to SRM 3100 Series Spectrometric Standard Solutions or second sources.

Packaging and Storage Conditions:

The standard is packaged in a pre-cleaned polyethylene bottle. To maintain the integrity of this product, the solution should be kept tightly capped and stored under normal laboratory conditions.

Refer to Material Safety Datasheet (MSDS) for hazardous information.

Expiration Information:

The expiry date is guaranteed to be valid for twelve months from the shipping date provided. For this reason, standards from the same lot may have different expiration dates.

Preparation Date: **September 10, 2012**
Shipped Date: SEP 1 1 2012
Expiration Date: SEP 1 1 2013
Certificate Issue Date: **September 10, 2012**

Quality Information:

ACLASS ACCREDITED TESTING
ISO/IEC 17025:2005 Accreditation
Certificate Number AT-1529

Vanny T. Yib,
Inorganic Laboratory Manager

Angel Sellers
Quality Manager

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Recd 1.12.12 VPM

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Certificate of Analysis

SM-606-021 (ICV/LCS-1 10ppm)

Solution B

Lot # 1200435

Source	Source Purity	Matrix	Standard Concentration
High Purity Metals, Salts or Oxides	99.8+%	HNO_3, 2% + Tr HF	10 µg/mL ± 0.5%

Antimony, Molybdenum, Silver, Tin, Titanium, Tungsten, Zirconium

This spectrometric standard solution has been prepared from high-purity reference materials. Sub-boiling distilled high-purity acid has been used to place the materials in solution and to stabilize the standard. The matrix is as noted above in 18 megaohm deionized water. The reference materials have been assayed by inductively coupled plasma optical emission spectrometry (ICP-OES).

The standard has been prepared gravimetrically by weighing the reference material to 5 significant figures. Volumetric glassware has been calibrated gravimetrically to 5 significant figures. The standard concentration has been verified by ICP-OES against an independent source which is directly traceable to National Institute of Standards and Technology, Standard Reference Material No. 3100 series.

This standard is valid for one year from the shipping date provided the solution is kept tightly capped and stored under normal laboratory conditions.

Theodore C. Rains

Theodore C. Rains, Ph.D.
President

Exp Date: JAN 10 2013

MSDS ATTACHED

HIGH-PURITY STANDARDS
www.highpuritystandards.com

P.O. Box 41727
Charleston, SC 29423
Phone (843) 767-7900
Fax (843) 767-7906

Certificate of Analysis

Rec'd 9-13-12 km

Product Description:

Name:	ICPMS 1B
Part Number:	**SM-606-119**
	Soluiton B
Lot Number:	**1225412**
Matrix:	2% HNO_3 + Tr HF
Purity:	99.98% - 99.999%

Certified Values:

Element	(µg/mL)	SRM ID	SRM Lot#	Element	(µg/mL)	SRM ID	SRM Lot#
Sb	10.0 ± 0.6	3102a	061229	Sn	10.0 ± 0.6	3161a	070330
B	10.0 ± 0.5	3107	070514	Ti	10.0 ± 0.6	3162a	060808
Mo	10.0 ± 0.6	3134	891307	W	10.0 ± 0.6	3163	080331
Ag	10.0 ± 0.5	3151	992212				

The Certified values are based on gravimetric and volumetric preparation, and verified against SRM 3100 series developed by National Institute of Standards and Technology (NIST) via inductively coupled plasma optical emission spectrometry (ICP-OES) using an internal laboratory developed method. The uncertainty in the certified value is calculated for a 95% confidence interval and coverage factor *k* is about 2

* Refer to Traceability Information, Section d

Preparation Information:

The standard is generally prepared from single element standard solutions that are ISO Guide 34 certified reference materials. Highest purity source materials were purchased from qualified vendors per ISO 9001:2008 guidelines and assayed by ICP-OES for conformity prior to use. Sub-boiling distilled high-purity acid has been used to place the materials in solution and to stabilize the standard. The matrix is as noted above in 18 megaohm deionized water.

Traceability Information:

The traceability of this standard is maintained through an unbroken chain of comparisons to appropriate standards with suitable procedure and measurement uncertainties. The maintenance of the base and derived units of International System of Units (SI) with traceability of measurement results (contemporary metrology) to SI ensures their comparability over time as follows.

a. **Standard Weight and Analytical Balance**
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High-Purity Standards is certified to ISO 9001:2008 and accredited to ISO/IEC 17025:2005 and ISO Guide 34:2009.

b. **Volumetric Device**
The calibration of volumetric vessels is checked annually using the NBS 602 method.

c. **Thermometer**
The standard thermometers are calibrated every year by the ISO 17025 accredited metrology service. The thermometers used in-house are verified against the standard thermometers yearly.

d. **Calibration Standards**
The Calibration Standards are traceable to SRM 3100 Series Spectrometric Standard Solutions or second sources.

Packaging and Storage Conditions:

The standard is packaged in a pre-cleaned polyethylene bottle. To maintain the integrity of this product, the solution should be kept tightly capped and stored under normal laboratory conditions.

Refer to Material Safety Datasheet (MSDS) for hazardous information.

Expiration Information:

The expiry date is guaranteed to be valid for twelve months from the shipping date provided. For this reason, standards from the same lot may have different expiration dates.

Preparation Date: September 10, 2012
Shipped Date: SEP 1 1 2012
Expiration Date: SEP 1 1 2013
Certificate Issue Date: September 10, 2012

Quality Information:

ACLASS ACCREDITED TESTING

ISO/IEC 17025:2005 Accreditation
Certificate Number AT-1529

Vanny T. Yib,
Inorganic Laboratory Manager

Angel Sellers
Quality Manager

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INORGANIC VENTURES™
300 Technology Drive
Christiansburg, VA 24073 • USA
inorganicventures.com

CERTIFICATE OF ANALYSIS

tel: 800.669.6799 • 540.585.3030
fax: 540.585.3012
info@inorganicventures.com

1.0 **INORGANIC VENTURES** is an ISO Guide 34 "General Requirements for the Competence of Reference Material Producers" and ISO 9001 registered manufacturer. Our manufacturing laboratory is accredited to ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories."

ACCREDITED Testing Laboratory Certificate 883.01 — ACCREDITED Reference Material Producer Certificate 883.02

2.0 **DESCRIPTION OF CRM** Custom Solution

Catalog No.: STLPA-CAL-SPECA-REV

Lot Number: **F2-MEB428149**

Matrix: 3% HNO3(v/v)

2,500 µg/mL ea:
Ca, K, Mg, Na,

1,250 µg/mL ea:
Fe,

25 µg/mL ea:
Al, Mn,

5 µg/mL ea:
Ag, As, Ba, Be, Cd, Co, Cr3, Cu, Ni,
Pb, Se, Sr, Tl, V, Zn

3.0 CERTIFIED VALUES AND UNCERTAINTIES

ELEMENT	CERTIFIED VALUE	ELEMENT	CERTIFIED VALUE	ELEMENT	CERTIFIED VALUE
Aluminum, Al	24.99 ± 0.20 µg/mL	Arsenic, As	5.001 ± 0.032 µg/mL	Barium, Ba	5.000 ± 0.036 µg/mL
Beryllium, Be	5.000 ± 0.036 µg/mL	Cadmium, Cd	5.000 ± 0.032 µg/mL	Calcium, Ca	2,500 ± 17 µg/mL
Chromium+3, Cr3	5.001 ± 0.032 µg/mL	Cobalt, Co	5.001 ± 0.032 µg/mL	Copper, Cu	5.000 ± 0.032 µg/mL
Iron, Fe	1,250 ± 8 µg/mL	Lead, Pb	5.000 ± 0.032 µg/mL	Magnesium, Mg	2,500 ± 16 µg/mL
Manganese, Mn	24.99 ± 0.19 µg/mL	Nickel, Ni	5.000 ± 0.028 µg/mL	Potassium, K	2,500 ± 18 µg/mL
Selenium, Se	5.000 ± 0.028 µg/mL	Silver, Ag	5.000 ± 0.032 µg/mL	Sodium, Na	2,500 ± 17 µg/mL
Strontium, Sr	5.000 ± 0.032 µg/mL	Thallium, Tl	5.000 ± 0.032 µg/mL	Vanadium, V	5.001 ± 0.032 µg/mL
Zinc, Zn	5.001 ± 0.032 µg/mL				

Certified Density: 1.051 g/mL (measured at 20 ± 1° C)

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

Certified Value $(\bar{x}) = \frac{\sum x_i}{n}$ ($\bar{x}$) = mean

x_i = individual results

n = number of measurements

Uncertainty (±) = $2 [\Sigma(s_i)^2]^{½}$ 2 = the coverage factor.

$[\Sigma(s_i)^2]^{½}$ = The square root of the sum of the squares of the most common errors (where 's' stands for the standard deviation) from instrumental measurement, density, NIST SRM uncertainty, weighing, dilution to volume, homogeneity, long term stability and short term stability.

4.0 TRACEBILITY TO NIST AND VALUES OBTAINED BY INDEPENDENT METHODS

· "Property of the result of a measurement or the value of a standard whereby it can be related to stated references, usually national or international standards, through an unbroken chain of comparisons all having stated uncertainties." (ISO VIM, 2nd ed., 1993, definition 6.10)

· This product is Traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRMs are available, the term 'in-house std.' is specified.

4.1 ASSAY INFORMATION

ELEMENT	METHOD	NIST SRM#	SRM LOT#	ELEMENT	METHOD	NIST SRM#	SRM LOT#
Ag	ICP Assay	3151	992212	Ag	Volhard	999b	999b
Al	ICP Assay	3101a	060502	Al	EDTA	928	928
As	Calculated		See Sec. 4.2	As	ICP Assay	3103a	010713
Ba	Gravimetric		See Sec. 4.2	Ba	ICP Assay	3104a	070222
Be	Calculated		See Sec. 4.2	Be	ICP Assay	3105a	892707
Ca	ICP Assay	3109a	050825	Ca	EDTA	928	928
Cd	ICP Assay	3108	060531	Cd	EDTA	928	928
Co	ICP Assay	3113	00630	Co	EDTA	928	928
Cr3	Calculated		See Sec. 4.2	Cr3	ICP Assay	3112a	030730
Cu	ICP Assay	3114	011017	Cu	EDTA	928	928
Fe	ICP Assay	3126a	051031	Fe	EDTA	928	928
K	Gravimetric		See Sec. 4.2	K	ICP Assay	3141a	051220
Mg	ICP Assay	3131a	050302	Mg	EDTA	928	928
Mn	ICP Assay	3132	050429	Mn	EDTA	928	928
Na	Gravimetric		See Sec. 4.2	Na	ICP Assay	3152a	010728
Ni	ICP Assay	3136	000612	Ni	EDTA	928	928
Pb	ICP Assay	3128	101026	Pb	EDTA	928	928
Se	Calculated		See Sec. 4.2	Se	ICP Assay	3149	992106
Sr	ICP Assay	3153a	990906	Sr	EDTA	928	928
Tl	Calculated		See Sec. 4.2	Tl	ICP Assay	3158	993012
V	ICP Assay	3165	992706	V	EDTA	928	928
Zn	ICP Assay	3168a	080123	Zn	EDTA	928	928

4.2 **BALANCE CALIBRATION** - All analytical balances are calibrated yearly by an A2LA accredited calibration laboratory and are traceable to a class E 2 analytical weight set with NIST Traceability. All balances are checked daily using an in-house procedure. The weights used for testing are annually compared to master weights and are traceable to the National Institute of Standards and Technology (NIST).

4.3 **THERMOMETER CALIBRATION** - All thermometers are NIST traceable through thermometers that are calibrated by an A2LA accredited calibration laboratory.

4.4 **GLASSWARE CALIBRATION** - An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM's.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES IN µg/mL - N/A

6.0 INTENDED USE

For the calibration of analytical instruments including but not limited to the following:
HPLC, IC, TLC, ISE, IR, NMR, UV/VIS, MS, Capillary Electrophoresis, Potentiometry, Wet Chemistry and Voltammetry
For the validation of analytical methods
For the preparation of "working reference samples"
For interference studies and the determination of correction coefficients
For detection limit and linearity studies
For additional intended uses, contact Technical Staff

This CRM was manufactured using 18 megohm doubly deionized water that has been filtered through a 0.2 micron filter.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

Storage & Handling - Keep **Tightly** sealed when not in use. Store and use at 20 ± 4ºC. **Do Not** pipette from the container. **Do Not** return portions removed from pipetting to container.

Element Specific Information - For specific information regarding any element: Contact technical staff.

Uranium Note: If uranium is present in this standard, it is natural abundance unless specified in Section 3.0.

Low Silver Note: This solution contains "LOW" levels of Silver. Please store this entire bottle inside a sealed glass jar.

8.0 HAZARDOUS INFORMATION - Please refer to the enclosed Material Safety Data sheet for information regarding this CRM.

9.0 HOMOGENEITY - This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous.

Inorganic Ventures homogeneity data indicate that the end user should take a minimum sample size of 0.2mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 **ISO 9001 Quality Management System Registration**
- QMI File Number 010105

10.2 **ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration"**
- Chemical Testing - Accredited A2LA Certificate Number 883.01

10.3 **ISO/IEC Guide 34 "General Requirements for the Competence of Reference Material Producers"**
- Reference Materials Production - Accredited A2LA Certificate Number 883.02

10.4 **10CFR50 Appendix B - Nuclear Regulatory Commission**
- Domestic Licensing of Production and Utilization Facilities

10.5 **10CFR21 - Nuclear Regulatory Commission**
- Reporting Defects and Non-Compliance

11.0 DATE OF CERTIFICATION AND PERIOD OF VALIDITY

11.1 Shelf Life - The period of time during which the concentration of the analyte(s) in a properly packaged, unopened, and unused standard stored under environmentally controlled and monitored conditions will remain within the specified uncertainty range. Shelf life is limited primarily by transpiration (loss of water from the solution) and infrequently, by chemical instability. Transpiration studies of chemically-stable solutions performed at the manufacturer's facility show a CRM shelf-life of twenty one months for solutions packaged in 125-mL low density polyethylene bottles. When stored under special conditions that minimize transpiration and instability, the shelf life can be extended past this limit.

11.2 Expiration Date - The date after which a CRM should not be used. Routine laboratory use of a CRM increases transpiration losses and the chance of contamination which affect the integrity of the CRM and limit its useful life. Manufacturer concurs with state and federal regulatory agencies' recommendations that solution standards be assigned a one-year expiration date.

11.3 Chemical Stability - Studies have been conducted on this or similar CRMs and it has been demonstrated that this CRM is chemically stable for a period of not less than two years provided the "Storage & Handling" conditions are followed that are described in section 7.0.

Certification Date: July 03, 2012

Expiration Date: EXPIRES 01 2013

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Prepared By: Christy Shortridge
Product Documentation Technician

Christy Shortridge

Certificate Approved By: Brian Alexander
PhD., Quality Control Supervisor

Brian Alexander

Certifying Officer: Paul Gaines
PhD., Senior Technical Director

Paul R Gaines

INORGANIC VENTURES™
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CERTIFICATE OF ANALYSIS

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ACCREDITED Testing Laboratory Certificate 883.01 ACCREDITED Reference Material Producer Certificate 883.02

2.0 **DESCRIPTION OF CRM** Custom Solution

Catalog No.: CAL-SPECC

Lot Number: **F2-MEB428150**

Matrix: tr. HF, 3% HNO3(v/v)

Reed 7/13/12

5 µg/mL ea:

B, Mo, Sb, Sn, Ti, W

3.0 **CERTIFIED VALUES AND UNCERTAINTIES**

ELEMENT	CERTIFIED VALUE	ELEMENT	CERTIFIED VALUE	ELEMENT	CERTIFIED VALUE
Antimony, Sb	4.999 ± 0.046 µg/mL	Boron, B	4.999 ± 0.032 µg/mL	Molybdenum, Mo	4.999 ± 0.036 µg/mL
Tin, Sn	4.999 ± 0.041 µg/mL	Titanium, Ti	4.999 ± 0.040 µg/mL	Tungsten, W	5.000 ± 0.032 µg/mL

Certified Density: 1.014 g/mL (measured at 20 ± 1° C)

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

$$\text{Certified Value } (\bar{x}) = \frac{\Sigma x_i}{n}$$

$$\text{Uncertainty } (\pm) = 2\,[\,\Sigma(s_i)^2\,]^{1/2}$$

$(\bar{x})$ = mean

x_i = individual results

n = number of measurements

2 = the coverage factor.

$[\,\Sigma(s_i)^2\,]^{1/2}$ = The square root of the sum of the squares of the most common errors (where 's' stands for the standard deviation) from instrumental measurement, density, NIST SRM uncertainty, weighing, dilution to volume, homogeneity, long term stability and short term stability.

4.0 **TRACEBILITY TO NIST AND VALUES OBTAINED BY INDEPENDENT METHODS**

· "Property of the result of a measurement or the value of a standard whereby it can be related to stated references, usually national or international standards, through an unbroken chain of comparisons all having stated uncertainties." (ISO VIM, 2nd ed., 1993, definition 6.10)

· This product is Traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRMs are available, the term 'in-house std.' is specified.

4.1 **ASSAY INFORMATION**

ELEMENT	METHOD	NIST SRM#	SRM LOT#	ELEMENT	METHOD	NIST SRM#	SRM LOT#
B	Calculated		See Sec. 4.2	B	ICP Assay	3107	070514
Mo	Calculated		See Sec. 4.2	Mo	ICP Assay	3134	891307
Sb	Calculated		See Sec. 4.2	Sb	ICP Assay	3102A	061229
Sn	Calculated		See Sec. 4.2	Sn	ICP Assay	3161a	070330
Ti	Calculated		See Sec. 4.2	Ti	ICP Assay	3162a	060808
W	Calculated		See Sec. 4.2	W	ICP Assay	3163	080331

4.2 **BALANCE CALIBRATION -** All analytical balances are calibrated yearly by an A2LA accredited calibration laboratory and are traceable to a class E 2 analytical weight set with NIST Traceability. All balances are checked daily using an in-house procedure. The weights used for testing are annually compared to master weights and are traceable to the National Institute of Standards and Technology (NIST).

4.3 **THERMOMETER CALIBRATION -** All thermometers are NIST traceable through thermometers that are calibrated by an A2LA accredited calibration laboratory.

4.4 **GLASSWARE CALIBRATION -** An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM's.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES IN µg/mL - N/A

6.0 INTENDED USE

For the calibration of analytical instruments including but not limited to the following:
HPLC, IC, TLC, ISE, IR, NMR, UV/VIS, MS, Capillary Electrophoresis, Potentiometry, Wet Chemistry and Voltammetry
For the validation of analytical methods
For the preparation of "working reference samples"
For interference studies and the determination of correction coefficients
For detection limit and linearity studies
For additional intended uses, contact Technical Staff

This CRM was manufactured using 18 megohm doubly deionized water that has been filtered through a 0.2 micron filter.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

Storage & Handling - Keep **Tightly** sealed when not in use. Store and use at 20 ± 4°C. **Do Not** pipette from the container. **Do Not** return portions removed from pipetting to container.

Element Specific Information - For specific information regarding any element: Contact technical staff.

Uranium Note: If uranium is present in this standard, it is natural abundance unless specified in Section 3.0.

HF Note: This standard should not be prepared or stored in glass.

8.0 HAZARDOUS INFORMATION - Please refer to the enclosed Material Safety Data sheet for information regarding this CRM.

9.0 HOMOGENEITY - This solution was mixed according to an in-house procedure and is guaranteed to be homogeneous.

Inorganic Ventures homogeneity data indicate that the end user should take a minimum sample size of 0.2mL to assure homogeneity.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration
- QMI File Number 010105

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration"
- Chemical Testing - Accredited A2LA Certificate Number 883.01

10.3 ISO/IEC Guide 34 "General Requirements for the Competence of Reference Material Producers"
- Reference Materials Production - Accredited A2LA Certificate Number 883.02

10.4 10CFR50 Appendix B - Nuclear Regulatory Commission
- Domestic Licensing of Production and Utilization Facilities

10.5 10CFR21 - Nuclear Regulatory Commission
- Reporting Defects and Non-Compliance

11.0 DATE OF CERTIFICATION AND PERIOD OF VALIDITY

11.1 Shelf Life - The period of time during which the concentration of the analyte(s) in a properly packaged, unopened, and unused standard stored under environmentally controlled and monitored conditions will remain within the specified uncertainty range. Shelf life is limited primarily by transpiration (loss of water from the solution) and infrequently, by chemical instability. Transpiration studies of chemically-stable solutions performed at the manufacturer's facility show a CRM shelf-life of twenty one months for solutions packaged in 125-mL low density polyethylene bottles. When stored under special conditions that minimize transpiration and instability, the shelf life can be extended past this limit.

11.2 Expiration Date - The date after which a CRM should not be used. Routine laboratory use of a CRM increases transpiration losses and the chance of contamination which affect the integrity of the CRM and limit its useful life. Manufacturer concurs with state and federal regulatory agencies' recommendations that solution standards be assigned a one-year expiration date.

11.3 Chemical Stability - Studies have been conducted on this or similar CRMs and it has been demonstrated that this CRM is chemically stable for a period of not less than two years provided the "Storage & Handling" conditions are followed that are described in section 7.0.

Certification Date: July 03, 2012

Expiration Date: EXPIRES 01 2013

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Prepared By: Christy Shortridge
Product Documentation Technician

Christy Shortridge

Certificate Approved By: Brian Alexander
PhD., Quality Control Supervisor

Brian Alexander

Certifying Officer: Paul Gaines
PhD., Senior Technical Director

Paul R Gaines

HIGH-PURITY STANDARDS
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Charleston, SC 29423
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Certificate of Analysis

Read 10/2/12
BLD

Product Description:

Name:	ICPMS RL-R
Part Number:	**SM-606-087**
Lot Number:	**1226917**
Matrix:	2% HNO_3 + Tr HF
Purity:	99.98% - 99.9999%

Certified Values:

Element	(µg/mL)	SRM ID	SRM Lot#	Element	(µg/mL)	SRM ID	SRM Lot#
Al	10.00 ± 0.05	3101a	060502	Mn	0.200 ± 0.002	3132	050429
Sb	0.400 ± 0.004	3102a	061229	Mo	2.00 ± 0.02	3134	891307
As	0.400 ± 0.004	3103a	100818	Ni	0.400 ± 0.004	3136	000612
Ba	0.200 ± 0.002	3104a	070222	K	200 ± 1	3141a	051220
Be	0.200 ± 0.002	3105a	090514	Se	0.400 ± 0.004	3149	100901
B	2.00 ± 0.01	3107	070514	Ag	0.100 ± 0.001	3151	992212
Cd	0.100 ± 0.001	3108	060531	Na	200 ± 1	3152a	010728
Ca	200 ± 1	3109a	050825	Sr	2.00 ± 0.01	3153a	990906
Cr	0.400 ± 0.004	3112a	030730	Tl	0.200 ± 0.002	3158	993012
Co	0.200 ± 0.002	3113	000630	Sn	2.00 ± 0.02	3161a	070330
Cu	0.400 ± 0.004	3114	011017	Ti	2.00 ± 0.02	3162a	060808
Fe	10.00 ± 0.05	3126a	051031	W	2.00 ± 0.02	3163	080331
Pb	0.200 ± 0.002	3128	101026	V	1.00 ± 0.01	3165	992706
Mg	200 ± 1	3131a	050302	Zn	2.00 ± 0.01	3168a	080123

The Certified values are based on gravimetric and volumetric preparation, and verified against SRM 3100 series developed by National Institute of Standards and Technology (NIST) via inductively coupled plasma optical emission spectrometry (ICP-OES) using an internal laboratory developed method. The uncertainty in the certified value is calculated for a 95% confidence interval and coverage factor *k* is about 2
* Refer to Traceability Information, Section d

Preparation Information:

The standard is generally prepared from single element standard solutions that are ISO Guide 34 certified reference materials. Highest purity source materials were purchased from qualified vendors per ISO 9001:2008 guidelines and assayed by ICP-OES for conformity prior to use. Sub-boiling distilled high-purity acid has been used to place the materials in solution and to stabilize the standard. The matrix is as noted above in 18 megaohm deionized water.

Traceability Information:

The traceability of this standard is maintained through an unbroken chain of comparisons to appropriate standards with suitable procedure and measurement uncertainties. The maintenance of the base and derived

units of International System of Units (SI) with traceability of measurement results (contemporary metrology) to SI ensures their comparability over time as follows.

a. **Standard Weight and Analytical Balance**
The standard weights (NBS weights Inventory No 20231A) are calibrated every two years by South Carolina Metrology Laboratory that is a participant in "NIST Weights and Measures Measurement Assurance Program" with a certificate of measurement traceability to NIST primary standards.
The balances are calibrated yearly by the ISO 17025 accredited metrology service, and are verified weekly by an in-house method using standard weights.

b. **Volumetric Device**
The calibration of volumetric vessels is checked annually using the NBS 602 method.

c. **Thermometer**
The standard thermometers are calibrated every year by the ISO 17025 accredited metrology service. The thermometers used in-house are verified against the standard thermometers yearly.

d. **Calibration Standards**
The Calibration Standards are traceable to SRM 3100 Series Spectrometric Standard Solutions or second sources.

Packaging and Storage Conditions:

The standard is packaged in a pre-cleaned polyethylene bottle. To maintain the integrity of this product, the solution should be kept tightly capped and stored under normal laboratory conditions.

Refer to Material Safety Datasheet (MSDS) for hazardous information.

Expiration Information:

The expiry date is guaranteed to be valid for twelve months from the shipping date provided. For this reason, standards from the same lot may have different expiration dates.

Preparation Date: September 25, 2012
Shipped Date: SEP 2 8 2012
Expiration Date: SEP 2 8 2013
Certificate Issue Date: September 27, 2012

Quality Information:

ACLASS ACCREDITED TESTING
ISO/IEC 17025:2005 Accreditation
Certificate Number AT-1529

Vanny T. Yib,
Inorganic Laboratory Manager

Angel Sellers
Quality Manager

NOTICE: HPS products are intended for laboratory use only. All products should be handled and used by trained professional personnel. The responsibility for the safe handling and use of these products rests solely with the buyer and/or user. The data and information as stated was furnished by the manufacturer of the product. The information provided in this certificate pertains only to the lot number specified. None of the information provided in this certificate may be used, reproduced or transmitted in any form or by any means without written approval from High Purity Standards.

INORGANIC VENTURES™
300 Technology Drive
Christiansburg, VA 24073 • USA
inorganicventures.com

CERTIFICATE OF ANALYSIS

tel: 800.669.6799 • 540.585.3030
fax: 540.585.3012
info@inorganicventures.com

1.0 **INORGANIC VENTURES** is an ISO Guide 34 "General Requirements for the Competence of Reference Material Producers" and ISO 9001 registered manufacturer. Our manufacturing laboratory is accredited to ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration Laboratories."

ACCREDITED Testing Laboratory Certificate 683.01 ACCREDITED Reference Material Producer Certificate 683.02

2.0 **DESCRIPTION OF CRM**

	Stock Solution
Catalog No.:	6020ICS-0A
Lot Number:	**E2-MEB371022**
Matrix:	1.4% HNO3(v/v)

Rec'd 4/16/12 BLD

10,000 µg/mL ea:
Chloride,

2,000 µg/mL ea:
C,

1,000 µg/mL ea:
Al, Ca, Fe, K, Mg, Na, P, S,

20 µg/mL ea:
Mo, Ti

3.0 **CERTIFIED VALUES AND UNCERTAINTIES**

ELEMENT	CERTIFIED VALUE	ELEMENT	CERTIFIED VALUE	ELEMENT	CERTIFIED VALUE
Aluminum, Al	1,002 ± 6 µg/mL	Calcium, Ca	1,002 ± 6 µg/mL	Carbon, C	2,004 ± 10 µg/mL
Chloride, Chloride	10,020.0 ± 20.0 µg/mL	Iron, Fe	1,002 ± 3 µg/mL	Magnesium, Mg	1,002 ± 7 µg/mL
Molybdenum, Mo	20.04 ± 0.10 µg/mL	Phosphorus, P	1,002 ± 5 µg/mL	Potassium, K	1,002 ± 5 µg/mL
Sodium, Na	1,002 ± 3 µg/mL	Sulfur, S	1,002 ± 5 µg/mL	Titanium, Ti	20.04 ± 0.10 µg/mL

Certified Density: 1.032 g/mL (measured at 20 ± 1° C)

The following equations are used in the calculation of the certified value and the uncertainty. Reported uncertainties represent expanded uncertainties expressed at approximately the 95% confidence level using a coverage factor of k = 2.

$$\text{Certified Value } (\bar{x}) = \frac{\Sigma x_i}{n}$$

$$\text{Uncertainty } (\pm) = \frac{2\,[(\Sigma s_i)^2]^{1/2}}{(n)^{1/2}}$$

($\bar{x}$) = mean
x_i = individual results
n = number of measurements
Σs_i = The summation of all significant estimated errors (Most common are the errors from instrumental measurement, weighing, dilution to volume and the fixed error reported on the NIST SRM certificate of analysis)

4.0 TRACEBILITY TO NIST AND VALUES OBTAINED BY INDEPENDENT METHODS

· "Property of the result of a measurement or the value of a standard whereby it can be related to stated references, usually national or international standards, through an unbroken chain of comparisons all having stated uncertainties." (ISO VIM, 2nd ed., 1993, definition 6.10)

· This product is Traceable to NIST via an unbroken chain of comparisons. The uncertainties for each certified value are reported, taking into account the SRM uncertainty error and the measurement, weighing and volume dilution errors. In rare cases where no NIST SRMs are available, the term 'in-house std.' is specified.

4.1 ASSAY INFORMATION

ELEMENT	METHOD	NIST SRM#	SRM LOT#
Al	ICP Assay	3101a	060502
C	Gravimetric		See Sec. 4.2
Ca	EDTA	928	928
Chloride	Volhard	999b	999b
Fe	EDTA	928	928
K	ICP Assay	3141a	051220
Mg	EDTA	928	928
Mo	ICP Assay	3134	891307
Na	ICP Assay	3152a	010728
P	Acidimetric	84k	84k
S	Acidimetric	84k	84k
Ti	ICP Assay	3162a	060808

ELEMENT	METHOD	NIST SRM#	SRM LOT#
Al	EDTA	928	928
Ca	ICP Assay	3109a	050825
Chloride	IC Assay	3182	060925
Fe	ICP Assay	3126a	051031
K	Calculated		See Sec. 4.2
Mg	ICP Assay	3131a	050302
Mo	Calculated		See Sec. 4.2
Na	Gravimetric		See Sec. 4.2
P	ICP Assay	3139a	890607
S	ICP Assay	3154	892205
Ti	Calculated		See Sec. 4.2

4.2 BALANCE CALIBRATION - All analytical balances are calibrated yearly by an A2LA accredited calibration laboratory and are traceable to a class E 2 analytical weight set with NIST Traceability. All balances are checked daily using an in-house procedure. The weights used for testing are annually compared to master weights and are traceable to the National Institute of Standards and Technology (NIST).

4.3 THERMOMETER CALIBRATION - All thermometers are NIST traceable through thermometers that are calibrated by an A2LA accredited calibration laboratory.

4.4 GLASSWARE CALIBRATION - An in-house procedure is used to calibrate all Class A glassware used in the manufacturing and quality control of CRM's.

5.0 TRACE METALLIC IMPURITIES (TMI) DETERMINED BY ICP-MS AND ICP-OES IN µg/mL

Custom-Grade solutions are tested for trace metallic impurities by Axial ICP-OES and ICP-MS. The result from the most sensitive method for each element, is reported below. Solutions tested by ICP-MS were analyzed in an ULPA-Filtered Clean Room. An ULPA-Filter is 99.9985% efficient for the removal of particles down to 0.3 µm.

s	Al		M	Dy	< 0.006000	O	Li	0.002200	M	Pr	< 0.000300	M	Te	< 0.030000
M	Sb	< 0.000500	M	Er	< 0.005000	M	Lu	< 0.000400	M	Re	< 0.001000	M	Tb	< 0.000300
O	As	< 0.006000	M	Eu	< 0.003000	s	Mg		M	Rh	< 0.001000	M	Tl	< 0.001000
O	Ba	0.001200	M	Gd	< 0.001000	O	Mn	< 0.010000	M	Rb	0.051999	M	Th	< 0.001000
O	Be	< 0.000090	M	Ga	< 0.001000	O	Hg	< 0.014000	M	Ru	< 0.002000	M	Tm	< 0.000400
M	Bi	< 0.000400	O	Ge	< 0.010000	s	Mo		M	Sm	< 0.001000	M	Sn	< 0.005000
O	B	< 0.050000	M	Au	< 0.003000	M	Nd	< 0.002000	M	Sc	< 0.010000	s	Ti	
O	Cd	< 0.005000	M	Hf	< 0.002000	O	Ni	< 0.010000	M	Se	< 0.299996	M	W	< 0.010000
s	Ca		M	Ho	< 0.000500	M	Nb	< 0.000500	N	Si		M	U	< 0.002000
M	Ce	< 0.005000	M	In	< 0.010000	n	Os		M	Ag	< 0.002000	O	V	< 0.010000
M	Cs	0.042999	M	Ir	< 0.005000	M	Pd	< 0.005000	s	Na		M	Yb	< 0.001000
O	Cr	< 0.010000	s	Fe		s	P		O	Sr	0.003200	M	Y	< 0.039999
M	Co	< 0.003000	M	La	< 0.000500	M	Pt	< 0.002000	s	S		O	Zn	< 0.020000
M	Cu	< 0.006000	M	Pb	< 0.003000	s	K		M	Ta	< 0.007000	M	Zr	< 0.005000

M - Checked by ICP-MS O - Checked by ICP-OES i - Spectral Interference n - Not Checked For s - Solution Standard Element

6.0 INTENDED USE

For the calibration of analytical instruments including but not limited to the following:
HPLC, IC, TLC, ISE, IR, NMR, UV/VIS, MS, Capillary Electrophoresis, Potentiometry, Wet Chemistry and Voltammetry
For the validation of analytical methods
For the preparation of "working reference samples"
For interference studies and the determination of correction coefficients
For detection limit and linearity studies
For additional intended uses, contact Technical Staff

This CRM was manufactured using 18 megohm doubly deionized water that has been filtered through a 0.2 micron filter.

7.0 INSTRUCTIONS FOR THE CORRECT USE OF THIS REFERENCE MATERIAL

Storage & Handling - Keep **Tightly** sealed when not in use. Store and use at 20 ± 4ºC. **Do Not** pipette from the container. **Do Not** return portions removed from pipetting to container.

Element Specific Information - For specific information regarding any element; Contact technical staff.

Uranium Note: If uranium is present in this standard, it is natural abundance unless specified in Section 3.0.

8.0 HAZARDOUS INFORMATION - Please refer to the enclosed Material Safety Data sheet for information regarding this CRM.

9.0 HOMOGENEITY - This solution was mixed according to in-house procedure IV-MPM-004 and is guaranteed to be homogeneous.

10.0 QUALITY STANDARD DOCUMENTATION

10.1 ISO 9001 Quality Management System Registration
- QMI Certificate Number 010105

10.2 ISO/IEC 17025 "General Requirements for the Competence of Testing and Calibration"
- Chemical Testing - Accredited A2LA Certificate Number 883.01

10.3 ISO/IEC Guide 34 "General Requirements for the Competence of Reference Material Producers"
- Reference Materials Production - Accredited A2LA Certificate Number 883.02

10.4 10CFR50 Appendix B - Nuclear Regulatory Commission
- Domestic Licensing of Production and Utilization Facilities

10.5 10CFR21 - Nuclear Regulatory Commission
- Reporting Defects and Non-Compliance

11.0 DATE OF CERTIFICATION AND PERIOD OF VALIDITY

11.1 Shelf Life - The period of time during which the concentration of the analyte(s) in a properly packaged, unopened, and unused standard stored under environmentally controlled and monitored conditions will remain within the specified uncertainty range. Shelf life is limited primarily by transpiration (loss of water from the solution) and infrequently, by chemical instability. Transpiration studies of chemically-stable solutions performed at the manufacturer's facility show a CRM shelf-life of twenty one months for solutions packaged in 125-mL low density polyethylene bottles. When stored under special conditions that minimize transpiration and instability, the shelf life can be extended past this limit.

11.2 Expiration Date - The date after which a CRM should not be used. Routine laboratory use of a CRM increases transpiration losses and the chance of contamination which affect the integrity of the CRM and limit its useful life. Manufacturer concurs with state and federal regulatory agencies' recommendations that solution standards be assigned a one-year expiration date.

11.3 Chemical Stability - Studies have been conducted on this or similar CRMs and it has been demonstrated that this CRM is chemically stable for a period of not less than two years provided the "Storage & Handling" conditions are followed that are described in section 7.0.

Certification Date: April 01, 2011

Expiration Date: EXPIRES 01 M 2013

12.0 NAMES AND SIGNATURES OF CERTIFYING OFFICERS

Certificate Prepared By: Brenda Francis, Product Documentation Technician

Certificate Approved By: Madeline Gozzi, Quality Control Supervisor

Certifying Officer: Paul Gaines, PhD., Senior Technical Director

HIGH-PURITY STANDARDS
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Certificate of Analysis

rec'd 7-12-12 SG

Product Description:

Part Number:	**SM-606-031**
	Solution A
Lot Number:	**1218526**
Matrix:	2% HNO_3
Purity:	99.997% - 99.9999%

Certified Values:

Element	(µg/mL)	SRM ID	SRM Lot#	Element	(µg/mL)	SRM ID	SRM Lot#
As	20.0 ± 0.2	3103a	100818	Pb	20.00 ± 0.12	3128	101026
Ba	20.00 ± 0.12	3104a	070222	Mn	20.0 ± 0.2	3132	050429
Be	20.0 ± 0.2	3105a	090514	Ni	20.0 ± 0.1	3136	000612
B	20.0 ± 0.1	3107	070514	Se	20.0 ± 0.2	3149	100901
Cd	20.0 ± 0.1	3108	060531	Sr	20.0 ± 0.1	3153a	990906
Cr	20.0 ± 0.1	3112a	030730	Tl	20.0 ± 0.1	3158	993012
Co	20.0 ± 0.1	3113	000630	V	20.00 ± 0.12	3165	992706
Cu	20.0 ± 0.1	3114	011017	Zn	20.0 ± 0.1	3168a	080123

The Certified values are based on gravimetric and volumetric preparation, and verified against SRM 3100 series developed by National Institute of Standards and Technology (NIST) via inductively coupled plasma optical emission spectrometry (ICP-OES) using an internal laboratory developed method. The uncertainty in the certified value is calculated for a 95% confidence interval and coverage factor *k* is about 2

* Refer to Traceability Information, Section d

Preparation Information:

The standard is generally prepared from single element standard solutions that are ISO Guide 34 certified reference materials. Highest purity source materials were purchased from qualified vendors per ISO 9001:2008 guidelines and assayed by ICP-OES for conformity prior to use. Sub-boiling distilled high-purity acid has been used to place the materials in solution and to stabilize the standard. The matrix is as noted above in 18 megaohm deionized water.

Traceability Information:

The traceability of this standard is maintained through an unbroken chain of comparisons to appropriate standards with suitable procedure and measurement uncertainties. The maintenance of the base and derived units of International System of Units (SI) with traceability of measurement results (contemporary metrology) to SI ensures their comparability over time as follows.

a. **Standard Weight and Analytical Balance**
The standard weights (NBS weights Inventory No 20231A) are calibrated every two years by South Carolina Metrology Laboratory that is a participant in "NIST Weights and Measures Measurement Assurance Program" with a certificate of measurement traceability to NIST primary standards.

The balances are calibrated yearly by the ISO 17025 accredited metrology service, and are verified weekly by an in-house method using standard weights.

b. **Volumetric Device**
The calibration of volumetric vessels is checked annually using the NBS 602 method.

c. **Thermometer**
The standard thermometers are calibrated every year by the ISO 17025 accredited metrology service. The thermometers used in-house are verified against the standard thermometers yearly.

d. **Calibration Standards**
The Calibration Standards are traceable to SRM 3100 Series Spectrometric Standard Solutions or second sources.

Packaging and Storage Conditions:

The standard is packaged in a pre-cleaned polyethylene bottle. To maintain the integrity of this product, the solution should be kept tightly capped and stored under normal laboratory conditions.

Refer to Material Safety Datasheet (MSDS) for hazardous information.

Expiration Information:

The expiry date is guaranteed to be valid for twelve months from the shipping date provided. For this reason, standards from the same lot may have different expiration dates.

Preparation Date: July 3, 2012
Shipped Date: JUL 10 2012
Expiration Date: JUL 10 2013
Certificate Issue Date: July 9, 2012

Quality Information:

ACLASS ACCREDITED TESTING

ISO/IEC 17025:2005 Accreditation
Certificate Number AT-1529

Vanny T. Yib,
Inorganic Laboratory Manager

Angel Sellers
Quality Manager

NOTICE: HPS products are intended for laboratory use only. All products should be handled and used by trained professional personnel. The responsibility for the safe handling and use of these products rests solely with the buyer and/or user. The data and information as stated was furnished by the manufacturer of the product. The information provided in this certificate pertains only to the lot number specified. None of the information provided in this certificate may be used, reproduced or transmitted in any form or by any means without written approval from High Purity Standards.

HIGH-PURITY STANDARDS
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P.O. Box 41727
Charleston, SC 29423
Phone (843) 767-7900
Fax (843) 767-7906

Certificate of Analysis

rec'd 7-12-12 SG

Product Description:

Part Number:	**SM-606-031**
	Solution B
Lot Number:	**1218527**
Matrix:	2% HNO_3 + Tr HF
Purity:	99.8% - 99.9999%

Certified Values:

Element	(µg/mL)	SRM ID	SRM Lot#	Element	(µg/mL)	SRM ID	SRM Lot#
Sb	20.00 ± 0.12	3102a	061229	Ti	20.00 ± 0.12	3162a	060808
Mo	20.00 ± 0.12	3134	891307	W	20.00 ± 0.12	3163	080331
Ag	20.0 ± 0.1	3151	992212	Zr	20.00 ± 0.12	3169	071226
Sn	20.00 ± 0.12	3161a	070330				

The Certified values are based on gravimetric and volumetric preparation, and verified against SRM 3100 series developed by National Institute of Standards and Technology (NIST) via inductively coupled plasma optical emission spectrometry (ICP-OES) using an internal laboratory developed method. The uncertainty in the certified value is calculated for a 95% confidence interval and coverage factor *k* is about 2

* Refer to Traceability Information, Section d

Preparation Information:

The standard is generally prepared from single element standard solutions that are ISO Guide 34 certified reference materials. Highest purity source materials were purchased from qualified vendors per ISO 9001:2008 guidelines and assayed by ICP-OES for conformity prior to use. Sub-boiling distilled high-purity acid has been used to place the materials in solution and to stabilize the standard. The matrix is as noted above in 18 megaohm deionized water.

Traceability Information:

The traceability of this standard is maintained through an unbroken chain of comparisons to appropriate standards with suitable procedure and measurement uncertainties. The maintenance of the base and derived units of International System of Units (SI) with traceability of measurement results (contemporary metrology) to SI ensures their comparability over time as follows.

a. **Standard Weight and Analytical Balance**
The standard weights (NBS weights Inventory No 20231A) are calibrated every two years by South Carolina Metrology Laboratory that is a participant in "NIST Weights and Measures Measurement Assurance Program" with a certificate of measurement traceability to NIST primary standards.
The balances are calibrated yearly by the ISO 17025 accredited metrology service, and are verified weekly by an in-house method using standard weights.

b. **Volumetric Device**
The calibration of volumetric vessels is checked annually using the NBS 602 method.

High-Purity Standards is certified to ISO 9001:2008 and accredited to ISO/IEC 17025:2005 and ISO Guide 34:2009.

c. **Thermometer**
The standard thermometers are calibrated every year by the ISO 17025 accredited metrology service. The thermometers used in-house are verified against the standard thermometers yearly.

d. **Calibration Standards**
The Calibration Standards are traceable to SRM 3100 Series Spectrometric Standard Solutions or second sources.

Packaging and Storage Conditions:

The standard is packaged in a pre-cleaned polyethylene bottle. To maintain the integrity of this product, the solution should be kept tightly capped and stored under normal laboratory conditions.

Refer to Material Safety Datasheet (MSDS) for hazardous information.

Expiration Information:

The expiry date is guaranteed to be valid for twelve months from the shipping date provided. For this reason, standards from the same lot may have different expiration dates.

Preparation Date: July 3, 2012
Shipped Date: JUL 10 2012
Expiration Date: JUL 10 2013
Certificate Issue Date: July 9, 2012

Quality Information:

ACLASS ACCREDITED TESTING

ISO/IEC 17025:2005 Accreditation
Certificate Number AT-1529

Vanny T. Yib,
Inorganic Laboratory Manager

Angel Sellers
Quality Manager

NOTICE: HPS products are intended for laboratory use only. All products should be handled and used by trained professional personnel. The responsibility for the safe handling and use of these products rests solely with the buyer and/or user. The data and information as stated was furnished by the manufacturer of the product. The information provided in this certificate pertains only to the lot number specified. None of the information provided in this certificate may be used, reproduced or transmitted in any form or by any means without written approval from High Purity Standards.

HIGH-PURITY STANDARDS
www.highpuritystandards.com

P.O. Box 41727
Charleston, SC 29423
Phone (843) 767-7900
Fax (843) 767-7906

Certificate of Analysis

Revd 1-18-12 hjm

SM-606-102 (ICPMS ICV)

Lot # 1201317

Source	Source Purity	Matrix	Standard Concentration
High Purity Metals, Salts and Oxides	99.98+%	HNO_3, 2%	µg/mL ± 0.5% See element list on reverse

This spectrometric standard solution has been prepared from high-purity reference materials. Sub-boiling distilled high-purity acid has been used to place the materials in solution and to stabilize the standard. The matrix is as noted above in 18 megaohm deionized water. The reference materials have been assayed by inductively coupled plasma optical emission spectrometry (ICP-OES).

The standard has been prepared gravimetrically by weighing the reference material to 5 significant figures. Volumetric glassware has been calibrated gravimetrically to 5 significant figures. The standard concentration has been verified by ICP-OES against an independent source which is directly traceable to National Institute of Standards and Technology, Standard Reference Material No. 3100 series.

This standard is valid for one year from the shipping date provided the solution is kept tightly capped and stored under normal laboratory conditions.

Theodore C Rains

Theodore C. Rains, Ph.D.
President

Exp Date: JAN 16 2013
MSDS ATTACHED

SM-606-102
(ICPMS ICV)
Element List
(µg/mL)

Aluminum	10
Arsenic	2
Barium	2
Beryllium	2
Cadmium	2
Calcium	1000
Chromium	2
Cobalt	2
Copper	2
Iron	500
Lead	2
Magnesium	1000
Manganese	10
Nickel	2
Potassium	1000
Selenium	2
Silver	2
Sodium	1000
Strontium	2
Thallium	2
Vanadium	2
Zinc	2

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Charleston, SC 29423
Phone (843) 767-7900
Fax (843) 767-7906

Certificate of Analysis

rec'd 7-12-12 SC

Product Description:

Name:	ICV-SPECC
Part Number:	**SM-606-079**
Lot Number:	**1218720**
Matrix:	2% HNO_3 + 0.1% HF
Purity:	99.98% - 99.999%

Certified Values:

Element	(µg/mL)	SRM ID	SRM Lot#	Element	(µg/mL)	SRM ID	SRM Lot#
Sb	2.00 ± 0.01	3102a	061229	Sn	2.00 ± 0.01	3161a	070330
B	2.00 ± 0.01	3107	070514	Ti	2.00 ± 0.01	3162a	060808
Mo	2.00 ± 0.01	3134	891307	W	2.00 ± 0.01	3163	080331

The Certified values are based on gravimetric and volumetric preparation, and verified against SRM 3100 series developed by National Institute of Standards and Technology (NIST) via inductively coupled plasma optical emission spectrometry (ICP-OES) using an internal laboratory developed method. The uncertainty in the certified value is calculated for a 95% confidence interval and coverage factor *k* is about 2

* Refer to Traceability Information, Section d

Preparation Information:

The standard is generally prepared from single element standard solutions that are ISO Guide 34 certified reference materials. Highest purity source materials were purchased from qualified vendors per ISO 9001:2008 guidelines and assayed by ICP-OES for conformity prior to use. Sub-boiling distilled high-purity acid has been used to place the materials in solution and to stabilize the standard. The matrix is as noted above in 18 megaohm deionized water.

Traceability Information:

The traceability of this standard is maintained through an unbroken chain of comparisons to appropriate standards with suitable procedure and measurement uncertainties. The maintenance of the base and derived units of International System of Units (SI) with traceability of measurement results (contemporary metrology) to SI ensures their comparability over time as follows.

a. **Standard Weight and Analytical Balance**
The standard weights (NBS weights Inventory No 20231A) are calibrated every two years by South Carolina Metrology Laboratory that is a participant in "NIST Weights and Measures Measurement Assurance Program" with a certificate of measurement traceability to NIST primary standards.
The balances are calibrated yearly by the ISO 17025 accredited metrology service, and are verified weekly by an in-house method using standard weights.

b. **Volumetric Device**
The calibration of volumetric vessels is checked annually using the NBS 602 method.

c. **Thermometer**
The standard thermometers are calibrated every year by the ISO 17025 accredited metrology service. The thermometers used in-house are verified against the standard thermometers yearly.

d. **Calibration Standards**
The Calibration Standards are traceable to SRM 3100 Series Spectrometric Standard Solutions or second sources.

Packaging and Storage Conditions:

The standard is packaged in a pre-cleaned polyethylene bottle. To maintain the integrity of this product, the solution should be kept tightly capped and stored under normal laboratory conditions.

Refer to Material Safety Datasheet (MSDS) for hazardous information.

Expiration Information:

The expiry date is guaranteed to be valid for twelve months from the shipping date provided. For this reason, standards from the same lot may have different expiration dates.

Preparation Date: July 5, 2012
Shipped Date: JUL 10 2012
Expiration Date: JUL 10 2013
Certificate Issue Date: July 10, 2012

Quality Information:

ACLASS ACCREDITED TESTING

ISO/IEC 17025:2005 Accreditation
Certificate Number AT-1529

Vanny T. Yib,
Inorganic Laboratory Manager

Angel Sellers
Quality Manager

NOTICE: HPS products are intended for laboratory use only. All products should be handled and used by trained professional personnel. The responsibility for the safe handling and use of these products rests solely with the buyer and/or user. The data and information as stated was furnished by the manufacturer of the product. The information provided in this certificate pertains only to the lot number specified. None of the information provided in this certificate may be used, reproduced or transmitted in any form or by any means without written approval from High Purity Standards.

Certificate of Analysis

Aroclor 1016 Solution

Product Number: PP-281 **Page:** 1 of 1

Lot Number: CF-0785 **Lot Issue Date:** 26-Feb-2009 **Expiration Date:** 31-Mar-2017

This Certified Reference Material (RM) was manufactured and verified in accordance with ULTRA's ISO 9001 registered quality system, and the analyte concentrations were verified by our ISO 17025 accredited laboratory. The true value and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	True Value
Aroclor 1016	012674-11-2	F216A	100.3 ± 0.5 µg/mL

Matrix: hexane

Storage: Store at Room Temperature (18-25° C)

ULTRA uses balances calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z-540-1 and ISO 9001, and calibrated Class A glassware in the manufacturing of these standards.

ACCREDITED
ISO 17025:2005 Accredited A2LA Cert. No. 0851-01
ISO 9001:2008 Registered TUV USA, Inc. Cert. No. 09-1009

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401-294-9400 Fax: 295-2330
wwww.ultrasci.com

William J. Leary
Quality Assurance Manager

Certificate of Analysis

Aroclor 1221 Solution

Product Number: PP-291 **Page:** 1 of 1

Lot Number: CB-1791Z **Lot Issue Date:** 01-Nov-2011 **Expiration Date:** 31-Dec-2014

This Certified Reference Material (RM) was manufactured and verified in accordance with ULTRA's ISO 9001 registered quality system, and the analyte concentrations were verified by our ISO 17025 accredited laboratory. The true value and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	True Value
Aroclor 1221	011104-28-2	AM-24	100.4 ± 0.5 µg/mL

Matrix: hexane

Storage: Store at Room Temperature (18-25° C)

ULTRA uses balances calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z-540-1 and ISO 9001, and calibrated Class A glassware in the manufacturing of these standards.

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Accredited
A2LA
Cert. No. 0851-01

ISO 9001:2008
Registered
TUV USA, Inc.
Cert. No. 09-1009

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William J. Leary
Quality Assurance Manager

ULTRA SCIENTIFIC
Analytical Standards

Certificate of Analysis

Aroclor 1232 Solution

Product Number: PP-301 **Page:** 1 of 1

Lot Number: CG-3213 **Lot Issue Date:** 28-Sep-2010 **Expiration Date:** 31-Oct-2014

This Certified Reference Material (RM) was manufactured and verified in accordance with ULTRA's ISO 9001 registered quality system, and the analyte concentrations were verified by our ISO 17025 accredited laboratory. The true value and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	True Value
Aroclor 1232	011141-16-5	NT01717	100.3 ± 0.5 µg/mL

Matrix: hexane

Storage: Store at Room Temperature (18-25° C)

ULTRA uses balances calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z-540-1 and ISO 9001, and calibrated Class A glassware in the manufacturing of these standards.

A2LA ACCREDITED
ISO 17025:2005 Accredited A2LA Cert. No. 0851-01

ISO 9001:2008 Registered TUV USA, Inc. Cert. No. 09-1009

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William J. Leary
Quality Assurance Manager

Certificate of Analysis

Aroclor 1242 Solution

Product Number: PP-311 **Page:** 1 of 1

Lot Number: CH-2711 **Lot Issue Date:** 25-Aug-2011 **Expiration Date:** 30-Sep-2019

This Certified Reference Material (RM) was manufactured and verified in accordance with ULTRA's ISO 9001 registered quality system, and the analyte concentrations were verified by our ISO 17025 accredited laboratory. The true value and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	True Value
Aroclor 1242	053469-21-9	NT01020	100.4 ± 0.5 µg/mL

Matrix: hexane

Storage: Store at Room Temperature (18-25° C)

ULTRA uses balances calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z-540-1 and ISO 9001, and calibrated Class A glassware in the manufacturing of these standards.

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William J. Leary
Quality Assurance Manager

Certificate of Analysis

Aroclor 1248 Solution

Product Number: PP-341 **Page:** 1 of 1

Lot Number: CH-3256 **Lot Issue Date:** 27-Oct-2011 **Expiration Date:** 30-Nov-2019

This Certified Reference Material (RM) was manufactured and verified in accordance with ULTRA's ISO 9001 registered quality system, and the analyte concentrations were verified by our ISO 17025 accredited laboratory. The true value and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	True Value
Aroclor 1248	012672-29-6	NT01718	100.5 ± 0.5 µg/mL

Matrix: hexane

Storage: Store at Room Temperature (18-25° C)

ULTRA uses balances calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z-540-1 and ISO 9001, and calibrated Class A glassware in the manufacturing of these standards.

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ISO 9001:2008 Registered TUV USA, Inc. Cert. No. 09-1009

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William J. Leary
Quality Assurance Manager

Certificate of Analysis

Aroclor 1254 Solution

Product Number: PP-351 **Page:** 1 of 1

Lot Number: CF-1469 **Lot Issue Date:** 14-Apr-2009 **Expiration Date:** 31-May-2017

This Certified Reference Material (RM) was manufactured and verified in accordance with ULTRA's ISO 9001 registered quality system, and the analyte concentrations were verified by our ISO 17025 accredited laboratory. The true value and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	True Value
Aroclor 1254	011097-69-1	K040	100.2 ± 0.5 µg/mL

Matrix: hexane

Storage: Store at Room Temperature (18-25° C)

ULTRA uses balances calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z-540-1 and ISO 9001, and calibrated Class A glassware in the manufacturing of these standards.

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ISO 9001:2008 Registered TUV USA, Inc. Cert. No. 09-1009

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William J. Leary
Quality Assurance Manager

Certificate of Analysis

Aroclor 1260 Solution

Product Number: PP-361 **Page:** 1 of 1

Lot Number: CG-3829 **Lot Issue Date:** 04-Nov-2010 **Expiration Date:** 31-Dec-2014

This Certified Reference Material (RM) was manufactured and verified in accordance with ULTRA's ISO 9001 registered quality system, and the analyte concentrations were verified by our ISO 17025 accredited laboratory. The true value and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	True Value
Aroclor 1260	011096-82-5	NT01023	100.5 ± 0.5 µg/mL

Matrix: hexane

Storage: Store at Room Temperature (18-25° C)

ULTRA uses balances calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z-540-1 and ISO 9001, and calibrated Class A glassware in the manufacturing of these standards.

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ISO 9001:2008 Registered TUV USA, Inc. Cert. No. 09-1009

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William J. Leary
Quality Assurance Manager

JVIMS Received 12/13/11

RESTEK

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Fax: (814)353-1309

www.Restek.com

Certificate of Analysis

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

Catalog No. : 32039 **Lot No.:** A082781

Description : Aroclor® 1016/1260 Mix

PCB Mix, Aroclor 1016/1260, 1,000µg/ml, Hexane, 1ml/ampule

Container Size : [5] 2 mL **Pkg Amt:** [5] > 1 mL

Expiration Date : [1] August 2018 **Storage:** 25°C nominal

Handling: This product contains PCB's

Elution Order	Compound	CAS #	Percent Purity [2]	Grav. Conc. (weight/volume) [3]	Grav.Uncert. (95% C.L.; K=2) [4]
1	Aroclor 1016	12674-11-2	----%	1,000.0 ug/mL	+/- 5.8275 ug/mL
2	Aroclor 1260	11096-82-5	----%	1,000.0 ug/mL	+/- 5.8275 ug/mL
Solvent:	Hexane	110-54-3	99%		

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

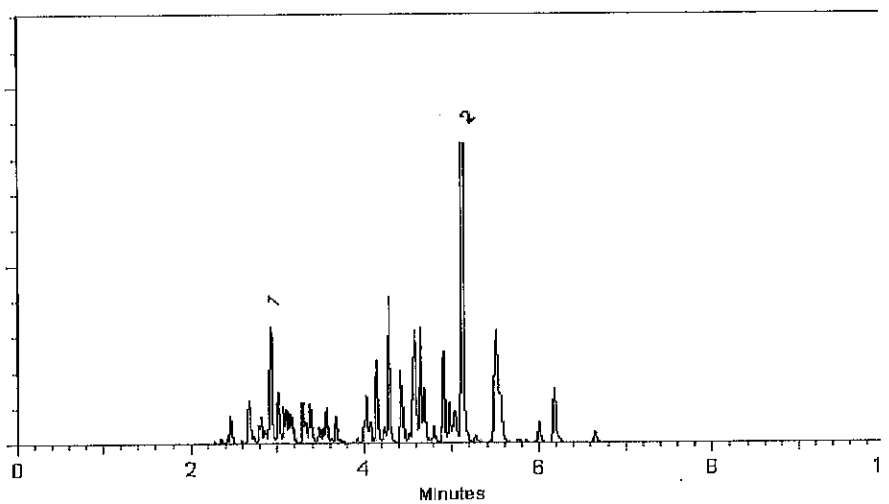
Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD



Certificate of Analysis

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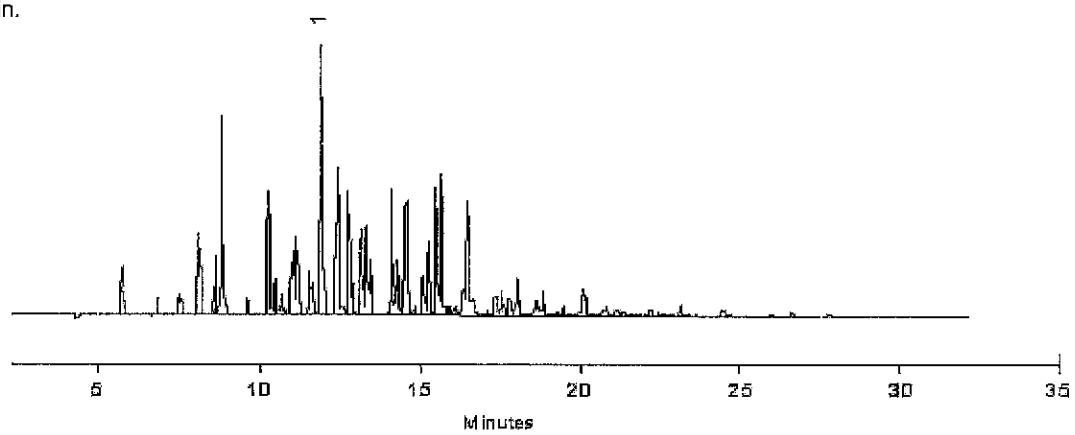
FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

Catalog No.: 32008 **Lot No.:** A052599
Description : Aroclor® 1232 Standard
Expiration Date[1]**:** June 2014 **Storage:** Room Temperature
Handling: Contains PCB's. Warm & Sonicate Prior to Use

Elution Order	Compound	CAS #	Percent Purity [2]	Concentration [3] (weight/volume)	Percent Uncertainty [4]
1	Aroclor 1232	11141-16-5	99%	1,000.000 ug/ml	+/-0.05 %
Solvent:	Hexane	110-54-3	99%		

Column: 30m x .32mm x .5um
Rtx-CLPesticides II
Carrier Gas: helium @ 40 cm/sec.
Temp. Program: 150°C to 300°C @ 5°C/min.

Inj. Temp: 250°C
Det. Temp: 300°C
Det. Type: ECD



Sara Eyster / QA Analyst

Balance 1119141429

1 Expiration date of the unopened ampul stored at recommended temperature.
2 Purity was determined by one or more of the following techniques: GC/FID, HPLC, GC/ECD, GC/MS. Value rounded to the nearest LOWER whole percentage. In addition to detectors listed above, chemical identity and purity are confirmed using 1 or more of the following: MS, DSC, solid probe MS, GC/FPD, GC/NPD, GC/TC, FTIR, melting point, refractive index, and Karl Fisher. See data pack or contact Restek for further details.
3 Based upon gravimetric preperation with balance calibration verified using NIST traceable weights (seven mass levels).
4 Percent Uncertainty based upon balance AND ASTM Class A volumetric glassware accuracy.

ISO 9001 REGISTERED
Manufactured under Restek's ISO 9001 Registered Quality System
Certificate #FM80397

REC 9/7/07

Certificate of Analysis

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FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

Catalog No.: 32009 **Lot No.:** A068369
Description: Aroclor® 1242 Standard
Expiration Date[1]: July 2016 **Storage:** Room Temperature
Handling: This product contains PCB's

Elution Order	Compound	CAS #	Percent Purity [2]	Concentration [3] (weight/volume)	% Uncertainty [4] (95% C.L.; K=2)
1	Aroclor 1242	53469-21-9	----%	1,000.000 ug/ml	+/-0.58 %
Solvent:	Hexane	110-54-3	99%		

Column:
30m x .25mm x .2um
Rtx-CLPesticides (cat.# 11323)

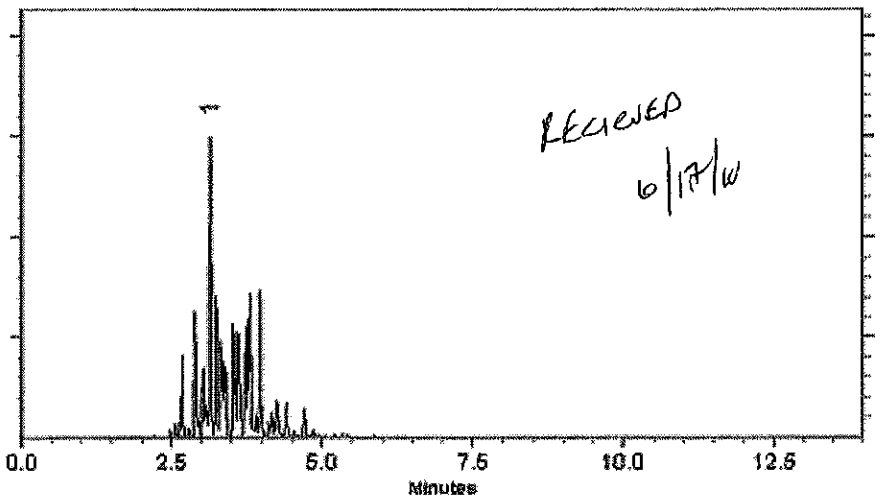
Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD



RECIEVED
6/17/09

Date Passed: 07/03/2009 **Balance:** 1128342314

Manufactured under Restek's ISO 9001-2000 Registered Quality System Certificate #FMB0397

1 Expiration date of the unopened ampule stored at recommended temperature.
2A Purity was determined by one or more of the following techniques: GC/FID, HPLC, GC/ECD, GC/MS. Value rounded to the nearest whole number. In addition to detectors listed above, chemical identity and purity are confirmed using one or more of the following: MS, DSC, solid probe MS, GC/FPD, GC/NPD, GC/TC, FTIR, melting point, refractive index, and Karl Fisher. See data pack or contact Restek for further details.
2B Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities.
2C Compounds with a listed purity of less than 99% may be salts, derivatives, or hydrates. The listed purity is actually a correction factor that was used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound.
2D Purity of isomeric compounds is reported as the sum of the isomers. Value is rounded to the nearest whole number after summation.
3 Based upon gravimetric preparation with balance calibration verified using NIST traceable weights (seven mass levels).
4 Uncertainties determined using repeatability and reproducibility data for balances and glassware from measurement systems analysis methodology, balance and glassware tolerances, raw material purity, and, where applicable, eccentricity and linearity values from an accredited calibration laboratory.

Certificate of Analysis

110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

Catalog No.: 32009 **Lot No.:** A068369
Description: Aroclor® 1242 Standard
Expiration Date[1]: July 2016 **Storage:** Room Temperature
Handling: This product contains PCB's

Elution Order	Compound	CAS #	Percent Purity [2]	Concentration [3] (weight/volume)	% Uncertainty [4] (95% C.L.; K=2)
1	Aroclor 1242	53469-21-9	----%	1,000.000 ug/ml	+/-0.58 %
Solvent:	Hexane	110-54-3	99%		

Column:
30m x .25mm x .2um
Rtx-CLPesticides (cat.# 11323)

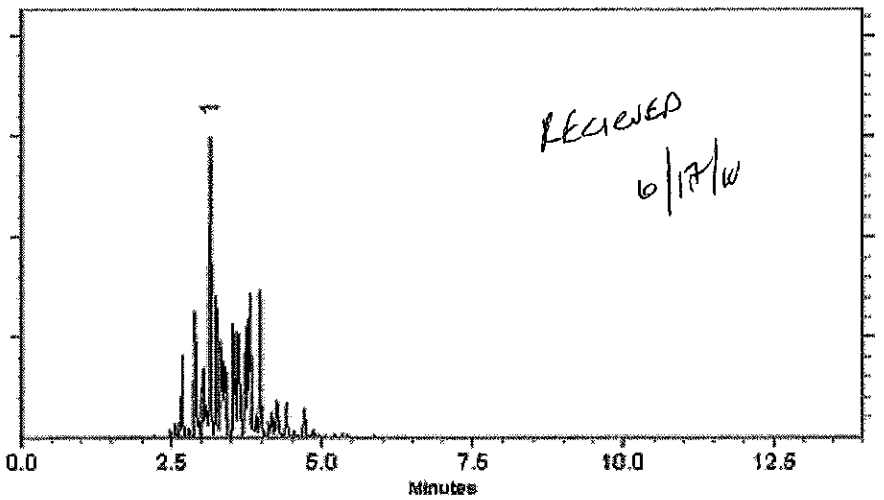
Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD



RECIEVED
6/17/09

Date Passed: 07/03/2009 **Balance:** 1128342314

Manufactured under Restek's ISO 9001-2000 Registered Quality System Certificate #FMB0397

1 Expiration date of the unopened ampule stored at recommended temperature.
2A Purity was determined by one or more of the following techniques: GC/FID, HPLC, GC/ECD, GC/MS. Value rounded to the nearest whole number. In addition to detectors listed above, chemical identity and purity are confirmed using one or more of the following: MS, DSC, solid probe MS, GC/FPD, GC/NPD, GC/TC, FTIR, melting point, refractive index, and Karl Fisher. See data pack or contact Restek for further details.
2B Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities.
2C Compounds with a listed purity of less than 99% may be salts, derivatives, or hydrates. The listed purity is actually a correction factor that was used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound.
2D Purity of isomeric compounds is reported as the sum of the isomers. Value is rounded to the nearest whole number after summation.
3 Based upon gravimetric preparation with balance calibration verified using NIST traceable weights (seven mass levels).
4 Uncertainties determined using repeatability and reproducibility data for balances and glassware from measurement systems analysis methodology, balance and glassware tolerances, raw material purity, and, where applicable, eccentricity and linearity values from an accredited calibration laboratory.

Certificate of Analysis

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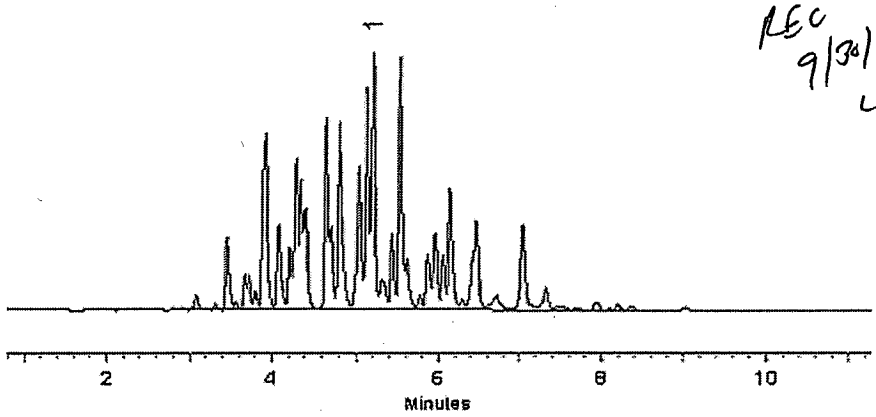
FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

Catalog No. : 32010 **Lot No.:** A059172
Description : Aroclor® 1248 Standard
Expiration Date[1]**:** April 2015 **Storage:** Room Temperature
Handling: This product contains PCB's

Elution Order	Compound	CAS #	Percent Purity [2]	Concentration [3] (weight/volume)	Percent Uncertainty [4]
1	Aroclor 1248	12672-29-6	----%	1,000.000 ug/ml	+/-0.05 %
Solvent:	Hexane	110-54-3	99%		

Column: 30m x .32mm x .25um Rtx-CLPesticides II
Carrier Gas: helium @ 40cm/sec.
Temp. Program: 200°C to 300°C @ 10°C/min. (hold 5 min.)
Inj. Temp: 250°C
Det. Temp: 300°C
Det. Type: ECD



REC 9/30/13 LSH

Sara Eyster QA Analyst

Balance 1128360905

1 Expiration date of the unopened ampul stored at recommended temperature.
2 Purity was determined by one or more of the following techniques: GC/FID, HPLC, GC/ECD, GC/MS. Value rounded to the nearest LOWER whole percentage. In addtion to detectors listed above, chemical identity and purity are confirmed using 1 or more of the following: MS, DSC, solid probe MS, GC/FPD, GC/NPD, GC/TC, FTIR, melting point, refractive index, and Karl Fisher. See data pack or contact Restek for further details.
3 Based upon gravimetric preperation with balance calibration verified using NIST traceable weights (seven mass levels).
4 Percent Uncertainty based upon balance AND ASTM Class A volumetric glassware accuracy.

ISO 9001 REGISTERED
Manufactured under Restek's ISO 9001 Registered Quality System
Certificate #FM80397

RESTEK

Certificate of Analysis

110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

Catalog No. : 32007 Lot No.: A074947

Description : Aroclor® 1221 Standard

Expiration Date[1]: June 2017 Storage: Room Temperature

Handling: Contains PCB's. Warm & Sonicate Prior to Use

Elution Order	Compound	CAS #	Percent Purity [2]	Concentration [3] (weight/volume)	% Uncertainty [4] (95% C.L.; K=2)
1	Aroclor 1221	11104-28-2	----%	1,000.000 ug/ml	+/-0.59 %
Solvent:	Hexane	110-54-3	99%		

Column:
30m x.25mm x .2um
Rtx-CLPesticides (cat.# 11323)

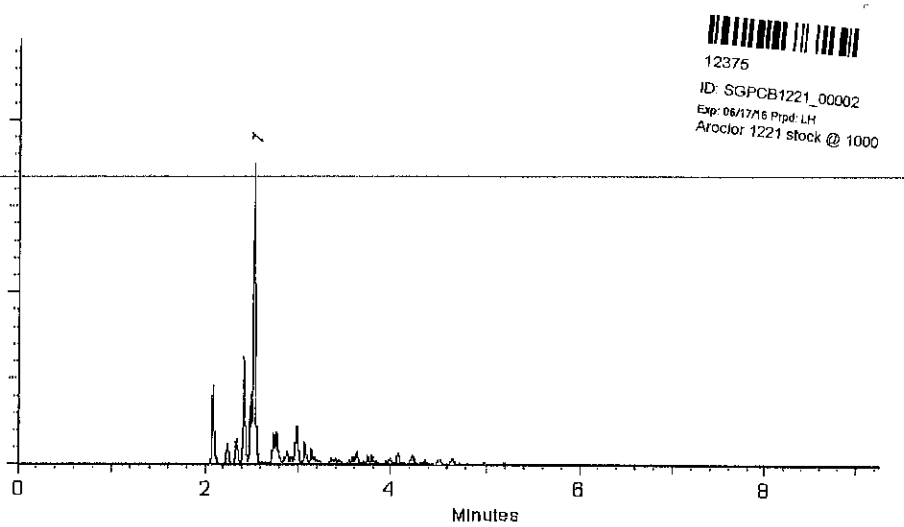
Carrier Gas:
hellum-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD



Diana Shaffer
Diana Shaffer - QA Analyst

Date Passed: 24-May-2010 Balance: 1128360905

Manufactured under Restek's ISO 9001:2008
Registered Quality System
Certificate #FM 80397

1 Expiration date of the unopened ampule stored at the recommended storage condition.

2A Purity is determined by one or more of the following techniques: GC/FID, HPLC, GC/ECD, GC/MS. Value is rounded to the nearest whole number. Chemical identity is confirmed using GC/MS. See data pack or contact provider for further details.

2B Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities.

2C The following types of compounds will have a listed purity of less than 99%: Aldehyde/Ketone-DNPH compounds, Bromides, Chlorides, HCL salts, HBR salts, sulfates, hydrates, and other compounds as necessary. The listed purity is a correction factor that is equivalent to the percentage of parent compound in the molecule. This correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution. The concentration listed on the certificate is the concentration of the parent compound in the solution.

2D Purity of isomeric compounds is reported as the sum of the isomers. Value is rounded to the nearest whole number after summation.

3 Based upon gravimetric preparation with balance calibration verified using NIST traceable weights (seven mass levels) and/or class A glassware used for dilutions.

4 Uncertainties determined using data for balances and glassware from measurement systems analysis methodology, raw material purity, and, when significant, equipment tolerances or calibration results.

Received 2 vials
E
7/27/16

RESTEK

Certificate of Analysis

110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

Catalog No. : 32011 **Lot No.:** A076437

Description : Aroclor® 1254 Standard

Expiration Date[1]**:** September 2017 **Storage:** Room Temperature

Handling: This product contains PCB's

Elution Order	Compound	CAS #	Percent Purity [2]	Concentration [3] (weight/volume)	% Uncertainty [4] (95% C.L.; K=2)
1	Aroclor 1254	11097-69-1	----%	1,001.600 ug/ml	+/-0.59 %
Solvent:	Hexane	110-54-3	99%		

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

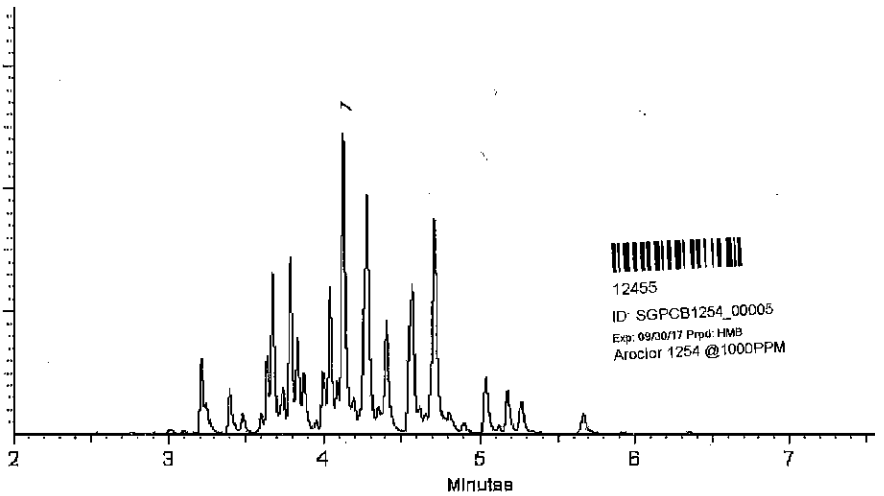
Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD



Diane Shaffer - QA Analyst **Date Passed:** 23-Aug-2010 **Balance:** 1128360905

Manufactured under Restek's ISO 9001:2008 Registered Quality System Certificate #FM 80397

1 Expiration date of the unopened ampule stored at the recommended storage condition.

2A Purity is determined by one or more of the following techniques: GC/FID, HPLC, GC/ECD, GC/MS. Value is rounded to the nearest whole number. Chemical identity is confirmed using GC/MS. See data pack or contact provider for further details.

2B Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities.

2C The following types of compounds will have a listed purity of less than 99%: Aldehyde/Ketone-DNPH compounds, Bromides, Chlorides, HCL salts, HBR salts, sulfates, hydrates, and other compounds as necessary. The listed purity is a correction factor that is equivalent to the percentage of parent compound in the molecule. This correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution. The concentration listed on the certificate is the concentration of the parent compound in the solution.

2D Purity of isomeric compounds is reported as the sum of the isomers. Value is rounded to the nearest whole number after summation.

3 Based upon gravimetric preparation with balance calibration verified using NIST traceable weights (seven mass levels) and/or class A glassware used for dilutions.

4 Uncertainties determined using data for balances and glassware from measurement systems analysis methodology, raw material purity, and, when significant, equipment tolerances or calibration results.

Received 2 vials 7/23/11

RESTEK

Certificate of Analysis

110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

Catalog No. : 32007 **Lot No.:** A074947

Description : Aroclor® 1221 Standard

Expiration Date[1]**:** June 2017 **Storage:** Room Temperature

Handling: Contains PCB's. Warm & Sonicate Prior to Use

Elution Order	Compound	CAS #	Percent Purity [2]	Concentration [3] (weight/volume)	% Uncertainty [4] (95% C.L.; K=2)
1	Aroclor 1221	11104-28-2	----%	1,000.000 ug/ml	+/-0.59 %
Solvent:	Hexane	110-54-3	99%		

Column:
30m x .25mm x .2um
Rtx-CLPesticides (cat.# 11323)

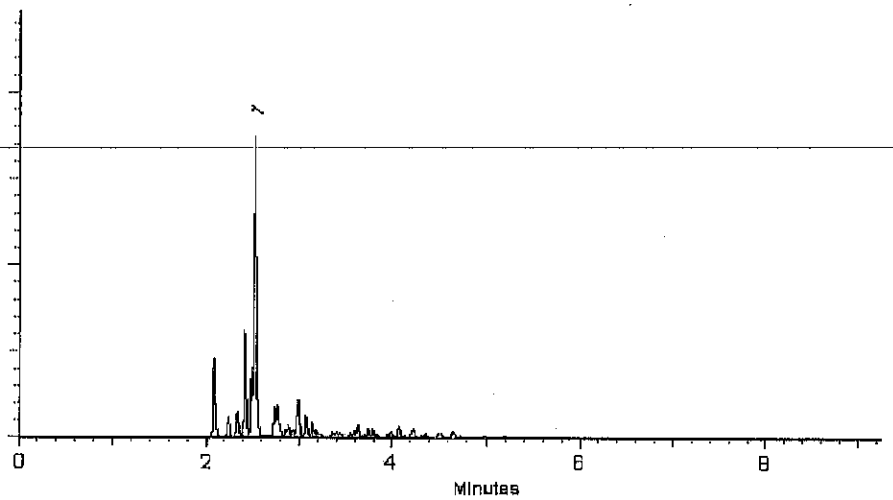
Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD



Diane Shaffer - QA Analyst **Date Passed:** 24-May-2010 **Balance:** 1128360905

Manufactured under Restek's ISO 9001:2008 Registered Quality System Certificate #FM 80397

1 Expiration date of the unopened ampule stored at the recommended storage condition.

2A Purity is determined by one or more of the following techniques: GC/FID, HPLC, GC/ECD, GC/MS. Value is rounded to the nearest whole number. Chemical identity is confirmed using GC/MS. See data pack or contact provider for further details.

2B Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities.

2C The following types of compounds will have a listed purity of less than 99%: Aldehyde/Ketone-DNPH compounds, Bromides, Chlorides, HCL salts, HBR salts, sulfates, hydrates, and other compounds as necessary. The listed purity is a correction factor that is equivalent to the percentage of parent compound in the molecule. This correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution. The concentration listed on the certificate is the concentration of the parent compound in the solution.

2D Purity of isomeric compounds is reported as the sum of the isomers. Value is rounded to the nearest whole number after summation.

3 Based upon gravimetric preparation with balance calibration verified using NIST traceable weights (seven mass levels) and/or class A glassware used for dilutions.

4 Uncertainties determined using data for balances and glassware from measurement systems analysis methodology, raw material purity, and, when significant, equipment tolerances or calibration results.

Received 2 vials
E
7/27/10

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Reagent ID: VGINTSTD_00001

		Expiration Date:	10/08/2011
Description:	INTERNAL STANDARD	Laboratory:	TestAmerica North Canton
No. of Bottles:	2	Prepared By:	Bolgrin, Deborah
Storage Location:	F022	Solvent:	MEOH
Reagent Volume:	50.000 mL	Solvent Lot:	50349
Creation Date:	04/08/2011		
Container(s):	12414, 12415		
Comment:			

Reagent Analyte Information

Analyte	Source ID	Source Expiration Date	Source Conc.	Source Conc. Units	Final Conc.	Final Conc. Units
Fluorobenzene	VGISSTOCK_00001	12/31/2012	2000.000	ug/mL	50.00000	ug/mL

Source Reagents

Reagent	Description	Type	Expiration	Vendor	Vendor Lot #	Vendor Cat Lot #	Volume Used	Volume Units
VGISSTOCK_00001	IS FLOROBENZENE	ASTD	12/31/12	ULTRA SCIENTIFIC	CE-4128	STS-160	1.2500	mL

RESTEK

Certificate of Analysis

110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

Catalog No. : 32011 **Lot No.:** A076437

Description : Aroclor® 1254 Standard

Expiration Date[1]**:** September 2017 **Storage:** Room Temperature

Handling: This product contains PCB's

Elution Order	Compound	CAS #	Percent Purity [2]	Concentration [3] (weight/volume)	% Uncertainty [4] (95% C.L.; K=2)
1	Aroclor 1254	11097-69-1	----%	1,001.600 ug/ml	+/-0.59 %
Solvent:	Hexane	110-54-3	99%		

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

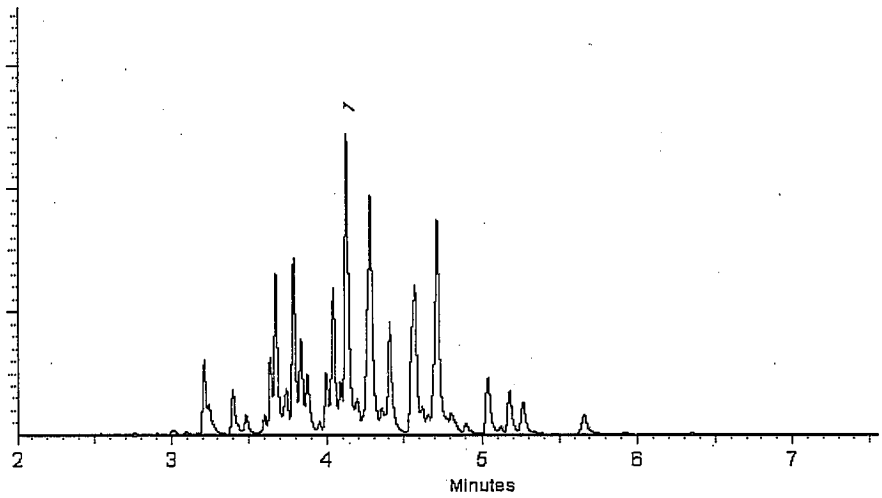
Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD



Diane Shaffer - QA Analyst **Date Passed:** 23-Aug-2010 **Balance:** 1128360905

Manufactured under Restek's ISO 9001:2008 Registered Quality System Certificate #FM 80397

1 Expiration date of the unopened ampule stored at the recommended storage condition.

2A Purity is determined by one or more of the following techniques: GC/FID, HPLC, GC/ECD, GC/MS. Value is rounded to the nearest whole number. Chemical identity is confirmed using GC/MS. See data pack or contact provider for further details.

2B Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities.

2C The following types of compounds will have a listed purity of less than 99%: Aldehyde/Ketone-DNPH compounds, Bromides, Chlorides, HCL salts, HBR salts, sulfates, hydrates, and other compounds as necessary. The listed purity is a correction factor that is equivalent to the percentage of parent compound in the molecule. This correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution. The concentration listed on the certificate is the concentration of the parent compound in the solution.

2D Purity of isomeric compounds is reported as the sum of the isomers. Value is rounded to the nearest whole number after summation.

3 Based upon gravimetric preparation with balance calibration verified using NIST traceable weights (seven mass levels) and/or class A glassware used for dilutions.

4 Uncertainties determined using data for balances and glassware from measurement systems analysis methodology, raw material purity, and, when significant, equipment tolerances or calibration results.

Received 2 vials 3/23/11

Certificate of Analysis

110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

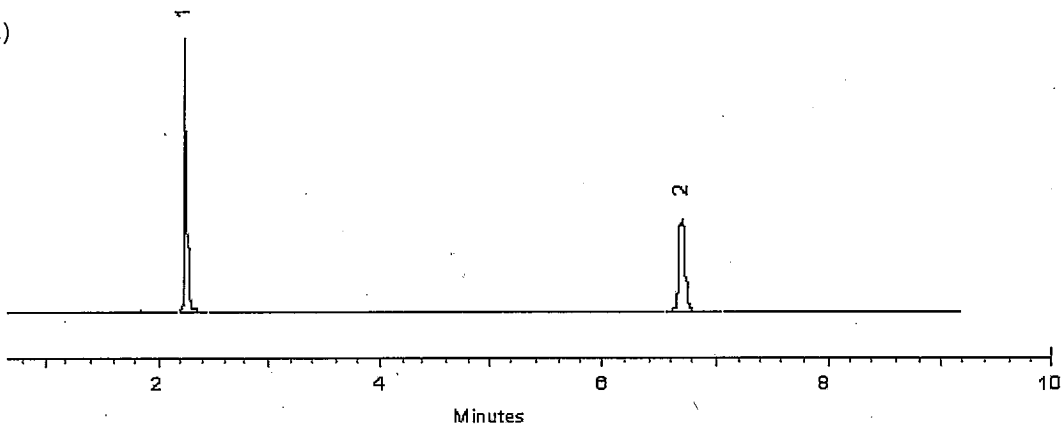
FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

Catalog No. : 32000 **Lot No.:** A057014
Description : Pesticide Surrogate Mix
Expiration Date[1]**:** June 2015 **Storage:** Refrigerate
Handling: Warm & Sonicate prior to use

Elution Order	Compound	CAS #	Percent Purity [2]	Concentration [3] (weight/volume)	Percent Uncertainty [4]
1	2,4,5,6-Tetrachloro-m-xylene	877-09-8	98%	200.018 ug/ml	+/-0.03 %
2	Decachlorobiphenyl	2051-24-3	99%	200.000 ug/ml	+/-0.03 %
Solvent:	Acetone	67-64-1	99%		

LEC 7/13/08
LOT

Column: 30m x .32mm x .25um
Rtx-CLPesticides II
Carrier Gas: helium @ 40cm/sec.
Temp. Program: 200°C to 300°C
@ 15°C/min. (hold 12 min.)
Inj. Temp: 250°C
Det. Temp: 300°C
Det. Type: ECD



Sara Eyster QA Analyst

Balance 1128342313

1 Expiration date of the unopened ampul stored at recommended temperature.
2 Purity was determined by one or more of the following techniques: GC/FID, HPLC, GC/ECD, GC/MS. Value rounded to the nearest LOWER whole percentage. In addition to detectors listed above, chemical identity and purity are confirmed using 1 or more of the following: MS, DSC, solid probe MS, GC/FPD, GC/NPD, GC/TC, FTIR, melting point, refractive index, and Karl Fisher. See data pack or contact Restek for further details.
3 Based upon gravimetric preperation with balance calibration verified using NIST traceable weights (seven mass levels).
4 Percent Uncertainty based upon balance AND ASTM Class A volumetric glassware accuracy.

ISO 9001 REGISTERED

Manufactured under Restek's ISO 9001 Registered Quality System
Certificate #FM80397

Tech Tip:

Decachlorobiphenyl has poor solubility in most organic solvents. The maximum concentration that can be prepared in acetone, hexane, or isooctane is 200µg/mL. Temperature will affect the solubility as well. Storing solutions at reduced temperatures will cause decachlorobiphenyl to precipitate.

Products containing decachlorobiphenyl must be sonicated for a minimum of 10 minutes prior to opening the ampul. Because each ultrasonic bath operates at a different energy level, 10 minutes is a guideline only. Longer sonication time will not affect product quality.

These precautions apply to working solutions prepared in your laboratory as well. The amount of compound that precipitates depends on concentration AND temperature. If you store your your standards at a temperature lower than 4°C (even dilute solutions), allow extra sonication time.

Rcvd 12-8-11 Recd 3 vials

RESTEK

Certificate of Analysis

110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

Catalog No.: 32291 **Lot No.:** A076528

Description : Organochlorine Pesticide Mix AB #1

Expiration Date[1]**:** August 2014 **Storage:** Refrigerate

Elution Order	Compound	CAS #	Percent Purity [2]	Concentration [3] (weight/volume)	% Uncertainty [4] (95% C.L.; K=2)
1	alpha-BHC	319-84-6	99%	200.000 ug/ml	+/-0.59 %
2	gamma-BHC (Lindane)	58-89-9	99%	200.200 ug/ml	+/-0.59 %
3	beta-BHC	319-85-7	99%	200.000 ug/ml	+/-0.59 %
4	delta-BHC	319-86-8	99%	200.000 ug/ml	+/-0.59 %
5	Heptachlor	76-44-8	99%	200.000 ug/ml	+/-0.59 %
6	Aldrin	309-00-2	99%	200.000 ug/ml	+/-0.59 %
7	Heptachlor epoxide (isomer B)	1024-57-3	99%	200.000 ug/ml	+/-0.59 %
8	trans-Chlordane	5103-74-2	99%	200.000 ug/ml	+/-0.59 %
9	cis-Chlordane	5103-71-9	97%	200.014 ug/ml	+/-0.59 %
10	4,4'-DDE	72-55-9	99%	200.200 ug/ml	+/-0.59 %
11	Endosulfan I	959-98-8	99%	200.000 ug/ml	+/-0.59 %
12	Dieldrin	60-57-1	99%	200.200 ug/ml	+/-0.59 %
13	Endrin	72-20-8	97%	200.208 ug/ml	+/-0.59 %
14	4,4'-DDD	72-54-8	97%	200.014 ug/ml	+/-0.59 %
15	Endosulfan II	33213-65-9	99%	200.000 ug/ml	+/-0.59 %
16	4,4'-DDT	50-29-3	99%	200.000 ug/ml	+/-0.59 %
17	Endrin aldehyde	7421-93-4	98%	200.116 ug/ml	+/-0.59 %
18	Methoxychlor	72-43-5	99%	200.000 ug/ml	+/-0.59 %
19	Endosulfan sulfate	1031-07-8	99%	200.000 ug/ml	+/-0.59 %
20	Endrin ketone	53494-70-5	95%	200.260 ug/ml	+/-0.59 %
Solvent:	Hexane/Toluene (50:50)	110-54-3/108-88-3	99%		

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

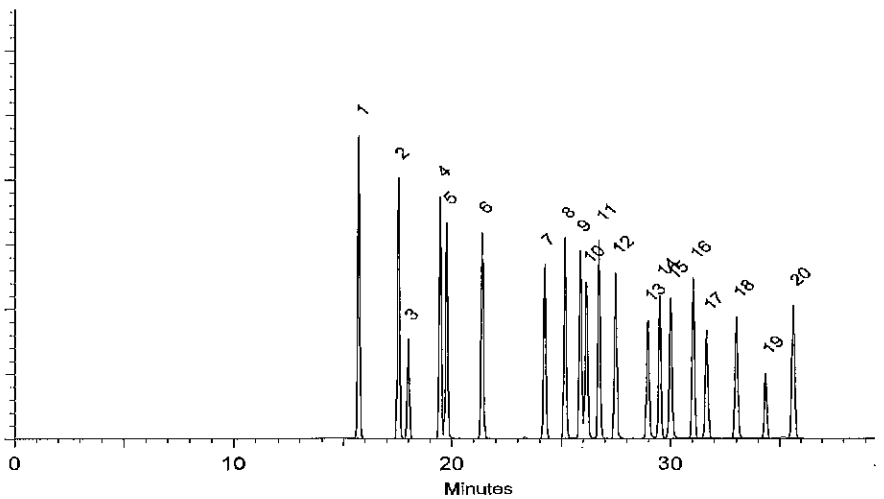
Carrier Gas:
hellium-constant pressure 20 psi.

Temp. Program:
150°C to 300°C
@ 4°C/min. (hold 5 min.)

Inj. Temp:
200°C

Det. Temp:
300°C

Det. Type:
ECD



Rcvd 12-8-11 Recd 3 vials

RESTEK

Certificate of Analysis

110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

Catalog No.: 32291 **Lot No.:** A076528

Description : Organochlorine Pesticide Mix AB #1

Expiration Date[1]**:** August 2014 **Storage:** Refrigerate

Elution Order	Compound	CAS #	Percent Purity [2]	Concentration [3] (weight/volume)	% Uncertainty [4] (95% C.L.; K=2)
1	alpha-BHC	319-84-6	99%	200.000 ug/ml	+/-0.59 %
2	gamma-BHC (Lindane)	58-89-9	99%	200.200 ug/ml	+/-0.59 %
3	beta-BHC	319-85-7	99%	200.000 ug/ml	+/-0.59 %
4	delta-BHC	319-86-8	99%	200.000 ug/ml	+/-0.59 %
5	Heptachlor	76-44-8	99%	200.000 ug/ml	+/-0.59 %
6	Aldrin	309-00-2	99%	200.000 ug/ml	+/-0.59 %
7	Heptachlor epoxide (isomer B)	1024-57-3	99%	200.000 ug/ml	+/-0.59 %
8	trans-Chlordane	5103-74-2	99%	200.000 ug/ml	+/-0.59 %
9	cis-Chlordane	5103-71-9	97%	200.014 ug/ml	+/-0.59 %
10	4,4'-DDE	72-55-9	99%	200.200 ug/ml	+/-0.59 %
11	Endosulfan I	959-98-8	99%	200.000 ug/ml	+/-0.59 %
12	Dieldrin	60-57-1	99%	200.200 ug/ml	+/-0.59 %
13	Endrin	72-20-8	97%	200.208 ug/ml	+/-0.59 %
14	4,4'-DDD	72-54-8	97%	200.014 ug/ml	+/-0.59 %
15	Endosulfan II	33213-65-9	99%	200.000 ug/ml	+/-0.59 %
16	4,4'-DDT	50-29-3	99%	200.000 ug/ml	+/-0.59 %
17	Endrin aldehyde	7421-93-4	98%	200.116 ug/ml	+/-0.59 %
18	Methoxychlor	72-43-5	99%	200.000 ug/ml	+/-0.59 %
19	Endosulfan sulfate	1031-07-8	99%	200.000 ug/ml	+/-0.59 %
20	Endrin ketone	53494-70-5	95%	200.260 ug/ml	+/-0.59 %
Solvent:	Hexane/Toluene (50:50)	110-54-3/108-88-3	99%		

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

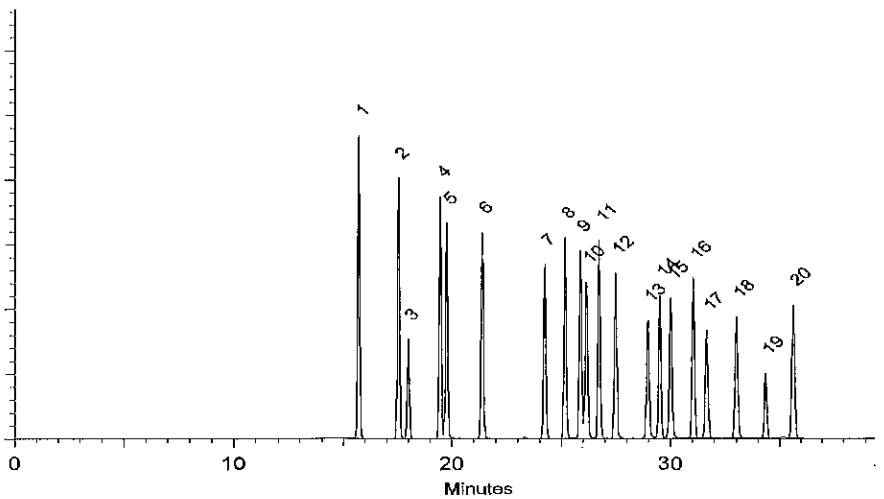
Carrier Gas:
hellium-constant pressure 20 psi.

Temp. Program:
150°C to 300°C
@ 4°C/min. (hold 5 min.)

Inj. Temp:
200°C

Det. Temp:
300°C

Det. Type:
ECD



ULTRA SCIENTIFIC
Analytical Solutions

Certificate of Analysis

Organochlorine Pesticides Mixture

Product Number: PPM-808C

Page: 1 of 2

Lot Number: CH-3658 **Lot Issue Date:** 01-Dec-2011 **Expiration Date:** 31-Dec-2013

This Certified Reference Material (RM) was manufactured and verified in accordance with ULTRA's ISO 9001 registered quality system, and the analyte concentrations were verified by our ISO 17025 accredited laboratory. The true value and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

1:100 (1ml in 100)
1:400 (250uls in 100uls)

Analyte	CAS#	Analyte Lot	True Value
aldrin	000309-00-2	RM00635-01	1002 ± 5 µg/mL
alpha-BHC	000319-84-6	RM02725-01	1002 ± 5 µg/mL
beta-BHC	000319-85-7	RM02724-02	1002 ± 5 µg/mL
delta-BHC	000319-86-8	RM02723-05	1002 ± 5 µg/mL
gamma-BHC	000058-89-9	RM02694-04	1002 ± 5 µg/mL
alpha-chlordane	005103-71-9	RM02742-03	1002 ± 5 µg/mL
gamma-chlordane	005103-74-2	RM02726-08	1002 ± 5 µg/mL
4,4'-DDD	000072-54-8	RM00615-01	1002 ± 5 µg/mL
4,4'-DDE	000072-55-9	RM02892-02	1002 ± 5 µg/mL
4,4'-DDT	000050-29-3	RM02881-01	1002 ± 5 µg/mL
dieldrin	000060-57-1	RM03957-01	1002 ± 5 µg/mL
endosulfan I	000959-98-8	RM00834-01	1002 ± 5 µg/mL
endosulfan II	033213-65-9	RM02906-02	1002 ± 5 µg/mL
endosulfan sulfate	001031-07-8	RM02897-01	1002 ± 5 µg/mL
endrin	000072-20-8	256-27A	1002 ± 5 µg/mL
endrin aldehyde	007421-93-4	ER082306-01	1002 ± 5 µg/mL
endrin ketone	053494-70-5	RM00212-02	1002 ± 5 µg/mL
heptachlor	000076-44-8	RM03111-02	1002 ± 5 µg/mL
heptachlor epoxide - isomer B	001024-57-3	RM03131-03	1002 ± 5 µg/mL

ULTRA uses balances calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z-540-1 and ISO 9001, and calibrated Class A glassware in the manufacturing of these standards.

A2LA ACCREDITED
ISO 17025:2005 Accredited A2LA Cert. No. 0851-01

ISO 9001:2008 Registered TUV USA, Inc. Cert. No. 09-1009

250 Smith Street, North Kingstown, RI 02852 USA
401-294-9400 Fax: 295-2330
wwww.ultrasci.com

William J. Leary
Quality Assurance Manager

ULTRA SCIENTIFIC
Analytical Solutions

Certificate of Analysis

Organochlorine Pesticides Mixture

Product Number: PPM-808C

Lot Number: CH-3658 **Lot Issue Date:** 01-Dec-2011 **Expiration Date:** 31-Dec-2013

This Certified Reference Material (RM) was manufactured and verified in accordance with ULTRA's ISO 9001 registered quality system, and the analyte concentrations were verified by our ISO 17025 accredited laboratory. The true value and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

methoxychlor	000072-43-5	RM01712-05	1002 ± 5 µg/mL

Matrix: hexane/toluene (1:1)

Storage: Store at Room Temperature (18-25°C). Do Not Refrigerate.

ULTRA uses balances calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z-540-1 and ISO 9001, and calibrated Class A glassware in the manufacturing of these standards.

ACCREDITED
ISO 17025:2005
Accredited
A2LA
Cert. No. 0851-01

ISO 9001:2008
Registered
TUV USA, Inc.
Cert. No. 09-1009

250 Smith Street, North Kingstown, RI 02852 USA
401-294-9400 Fax: 295-2330
wwww.ultrasci.com

William J. Leary
Quality Assurance Manager

Rcvd 12-8-11 Recd 3 vials

RESTEK

Certificate of Analysis

110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

Catalog No.: 32291 **Lot No.:** A076528

Description : Organochlorine Pesticide Mix AB #1

Expiration Date[1]**:** August 2014 **Storage:** Refrigerate

Elution Order	Compound	CAS #	Percent Purity [2]	Concentration [3] (weight/volume)	% Uncertainty [4] (95% C.L.; K=2)
1	alpha-BHC	319-84-6	99%	200.000 ug/ml	+/-0.59 %
2	gamma-BHC (Lindane)	58-89-9	99%	200.200 ug/ml	+/-0.59 %
3	beta-BHC	319-85-7	99%	200.000 ug/ml	+/-0.59 %
4	delta-BHC	319-86-8	99%	200.000 ug/ml	+/-0.59 %
5	Heptachlor	76-44-8	99%	200.000 ug/ml	+/-0.59 %
6	Aldrin	309-00-2	99%	200.000 ug/ml	+/-0.59 %
7	Heptachlor epoxide (isomer B)	1024-57-3	99%	200.000 ug/ml	+/-0.59 %
8	trans-Chlordane	5103-74-2	99%	200.000 ug/ml	+/-0.59 %
9	cis-Chlordane	5103-71-9	97%	200.014 ug/ml	+/-0.59 %
10	4,4'-DDE	72-55-9	99%	200.200 ug/ml	+/-0.59 %
11	Endosulfan I	959-98-8	99%	200.000 ug/ml	+/-0.59 %
12	Dieldrin	60-57-1	99%	200.200 ug/ml	+/-0.59 %
13	Endrin	72-20-8	97%	200.208 ug/ml	+/-0.59 %
14	4,4'-DDD	72-54-8	97%	200.014 ug/ml	+/-0.59 %
15	Endosulfan II	33213-65-9	99%	200.000 ug/ml	+/-0.59 %
16	4,4'-DDT	50-29-3	99%	200.000 ug/ml	+/-0.59 %
17	Endrin aldehyde	7421-93-4	98%	200.116 ug/ml	+/-0.59 %
18	Methoxychlor	72-43-5	99%	200.000 ug/ml	+/-0.59 %
19	Endosulfan sulfate	1031-07-8	99%	200.000 ug/ml	+/-0.59 %
20	Endrin ketone	53494-70-5	95%	200.260 ug/ml	+/-0.59 %
Solvent:	Hexane/Toluene (50:50)	110-54-3/108-88-3	99%		

Column:
30m x .25mm x .20m
Rtx-CLP II (cat.# 11323)

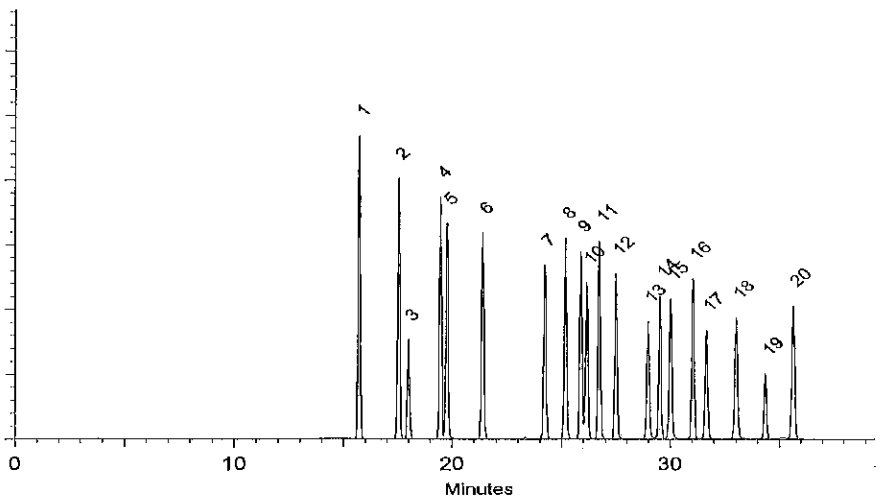
Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
150°C to 300°C
@ 4°C/min. (hold 5 min.)

Inj. Temp:
200°C

Det. Temp:
300°C

Det. Type:
ECD



Rcvd 12-8-11 Recd 3 vials

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FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

Catalog No.: 32291 **Lot No.:** A076528

Description : Organochlorine Pesticide Mix AB #1

Expiration Date[1]**:** August 2014 **Storage:** Refrigerate

Elution Order	Compound	CAS #	Percent Purity [2]	Concentration [3] (weight/volume)	% Uncertainty [4] (95% C.L.; K=2)
1	alpha-BHC	319-84-6	99%	200.000 ug/ml	+/-0.59 %
2	gamma-BHC (Lindane)	58-89-9	99%	200.200 ug/ml	+/-0.59 %
3	beta-BHC	319-85-7	99%	200.000 ug/ml	+/-0.59 %
4	delta-BHC	319-86-8	99%	200.000 ug/ml	+/-0.59 %
5	Heptachlor	76-44-8	99%	200.000 ug/ml	+/-0.59 %
6	Aldrin	309-00-2	99%	200.000 ug/ml	+/-0.59 %
7	Heptachlor epoxide (isomer B)	1024-57-3	99%	200.000 ug/ml	+/-0.59 %
8	trans-Chlordane	5103-74-2	99%	200.000 ug/ml	+/-0.59 %
9	cis-Chlordane	5103-71-9	97%	200.014 ug/ml	+/-0.59 %
10	4,4'-DDE	72-55-9	99%	200.200 ug/ml	+/-0.59 %
11	Endosulfan I	959-98-8	99%	200.000 ug/ml	+/-0.59 %
12	Dieldrin	60-57-1	99%	200.200 ug/ml	+/-0.59 %
13	Endrin	72-20-8	97%	200.208 ug/ml	+/-0.59 %
14	4,4'-DDD	72-54-8	97%	200.014 ug/ml	+/-0.59 %
15	Endosulfan II	33213-65-9	99%	200.000 ug/ml	+/-0.59 %
16	4,4'-DDT	50-29-3	99%	200.000 ug/ml	+/-0.59 %
17	Endrin aldehyde	7421-93-4	98%	200.116 ug/ml	+/-0.59 %
18	Methoxychlor	72-43-5	99%	200.000 ug/ml	+/-0.59 %
19	Endosulfan sulfate	1031-07-8	99%	200.000 ug/ml	+/-0.59 %
20	Endrin ketone	53494-70-5	95%	200.260 ug/ml	+/-0.59 %
Solvent:	Hexane/Toluene (50:50)	110-54-3/108-88-3	99%		

Column:
30m x .25mm x .20m
Rtx-CLP II (cat.# 11323)

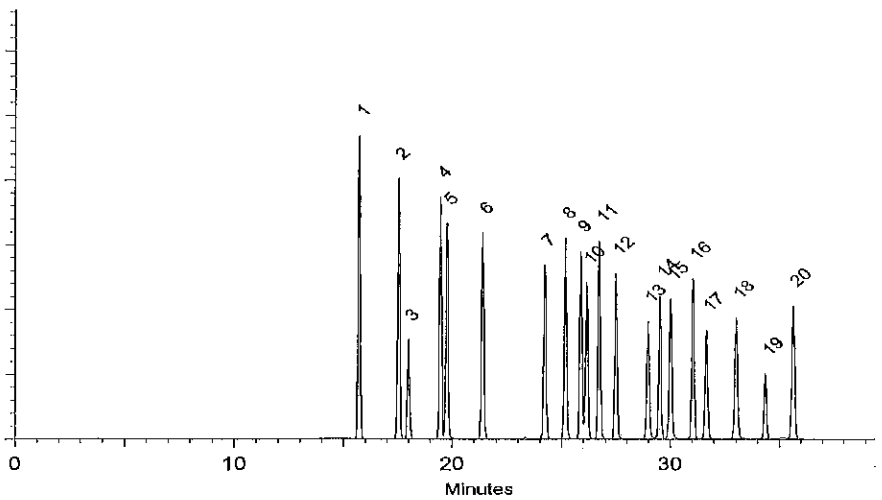
Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
150°C to 300°C
@ 4°C/min. (hold 5 min.)

Inj. Temp:
200°C

Det. Temp:
300°C

Det. Type:
ECD



Certificate of Analysis

DESCRIPTION: Toxaphene

CATALOG NO.: 48103 MFG DATE: Feb-2011

LOT NO.: LB82082 EXPIRATION DATE: Feb-2014

SOLVENT: ISOOCTANE

ANALYTE	CAS NUMBER	PERCENT PURITY(1)	WEIGHT(2) CONCENTRATION	ANALYTICAL(3) CONCENTRATION	STD DEV	SUPELCO LOT NO
TOXAPHENE	8001-35-2	N/A (a)	1000	956	+/- 16.2	LA47407

SGPESTTOX 00011

Rec'd 12-12-11 1 vial

(1) Determined by capillary GC-FID, unless otherwise noted.
a) Complex mix - Can't Determine

(2) NIST traceable weights are used to verify balance calibration with the preparation of each lot. Concentration of analyte in solution is ug/ml +/- 0.5%, uncertainty based upon balance and Class A volumetric glassware. Weights are corrected for analytes less than 98% pure.

(3) Determined by chromatographic analysis against an independently prepared reference lot. Mean of replicate injections.

Elwood Doughty
Quality Control Supervisor

Supelco warrants that its products conform to the information contained in this publication. Purchaser must determine the suitability of the product for its particular use. Please see the latest catalog or order invoice and packing slip for additional terms and conditions of sale.

SUPELCO® Analytical
595 North Harrison Road
Bellefonte, PA 16823-0048 USA
Phone (814) 359-3441

Rec'd 12-8-11. 2vials

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FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

Catalog No. : 32005 **Lot No.:** A080394

Description : Toxaphene Standard

Pesticide Mix, toxaphene, 1,000µg/ml, Hexane, 1ml/ampule

Container Size : [5] 2 mL **Pkg Amt:** [5] > 1 mL

Expiration Date : [1] June 2015 **Storage:** 10°C or colder

Elution Order	Compound	CAS #	Percent Purity [2]	Grav. Conc. (weight/volume) [3]	% Grav.Uncert. (95% C.L.; K=2) [4]
1	Toxaphene	8001-35-2	99%	1,000.0 ug/ml	+/-0.59 %
Solvent:	Hexane	110-54-3	99%		

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

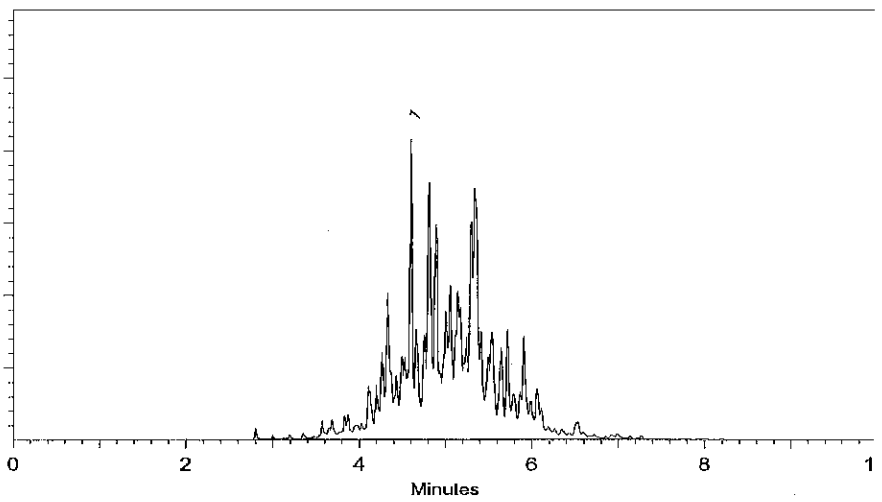
Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD



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Catalog No. : 566300 **Lot No.:** A081795

Description : Custom Revised 8270 Mix #1

Container Size : [5] 5 mL **Pkg Amt:** [5] > 2 mL

Expiration Date : [1] May 2016 **Storage:** 10°C or colder

Elution Order	Compound	CAS #	Percent Purity [2]	Grav. Conc. [3] (weight/volume)	Grav.Uncert. [4] (95% C.L.; K=2)
1	1,4-Dioxane	123-91-1	99%	400.000 ug/mL	+/- 2.7 ug/mL
2	2-Fluorophenol	367-12-4	99%	400.000 ug/mL	+/- 2.7 ug/mL
3	2-Chlorophenol-d4	93951-73-6	99%	400.000 ug/mL	+/- 2.7 ug/mL
4	Phenol-d6	13127-88-3	99%	400.000 ug/mL	+/- 2.7 ug/mL
5	2-Chlorophenol	95-57-8	99%	400.000 ug/mL	+/- 3.0 ug/mL
6	Phenol	108-95-2	99%	400.000 ug/mL	+/- 3.0 ug/mL
7	1,4-Dichlorobenzene	106-46-7	99%	400.000 ug/mL	+/- 2.7 ug/mL
8	Benzyl alcohol	100-51-6	99%	400.000 ug/mL	+/- 2.7 ug/mL
9	2-Methylphenol (o-cresol)	95-48-7	99%	400.000 ug/mL	+/- 3.0 ug/mL
10	4-Methylphenol (p-cresol)	106-44-5	99%	400.000 ug/mL	+/- 3.0 ug/mL
11	2-Nitrophenol	88-75-5	99%	400.000 ug/mL	+/- 3.0 ug/mL
12	2,4-Dimethylphenol	105-67-9	99%	400.000 ug/mL	+/- 3.0 ug/mL
13	2,4-Dichlorophenol	120-83-2	99%	400.000 ug/mL	+/- 3.0 ug/mL
14	Benzoic acid	65-85-0	99%	400.000 ug/mL	+/- 3.0 ug/mL
15	4-Chloro-3-methylphenol	59-50-7	99%	400.000 ug/mL	+/- 3.0 ug/mL
16	2,4,6-Trichlorophenol	88-06-2	99%	400.000 ug/mL	+/- 3.0 ug/mL
17	2,4,5-Trichlorophenol	95-95-4	99%	400.000 ug/mL	+/- 3.0 ug/mL
18	2,4-Dinitrophenol	51-28-5	97%	399.989 ug/mL	+/- 3.0 ug/mL
19	2,3,5,6-Tetrachlorophenol	935-95-5	99%	400.000 ug/mL	+/- 2.7 ug/mL
20	4-Nitrophenol	100-02-7	99%	400.000 ug/mL	+/- 3.0 ug/mL
21	4,6-Dinitro-2-methylphenol (Dinitro-o-cresol)	534-52-1	99%	400.000 ug/mL	+/- 3.0 ug/mL
22	2,4,6-Tribromophenol	118-79-6	99%	400.000 ug/mL	+/- 2.7 ug/mL
23	Pentachlorophenol	87-86-5	97%	399.989 ug/mL	+/- 3.0 ug/mL

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FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

Catalog No. : 57833 **Lot No.:** A081245
Description : Custom Revised 8270 Mix # 2
Container Size : [5] 2 mL **Pkg Amt:** [5] > 2 mL
Expiration Date : [1] April 2013 **Storage:** 0°C or colder

Elution Order	Compound	CAS #	Percent Purity [2]	Grav. Conc. (weight/volume) [3]	% Grav.Uncert. (95% C.L.; K=2) [4]
1	N-Nitrosodimethylamine	62-75-9	99%	400.000 ug/mL	+/-0.67 %
2	Pyridine	110-86-1	99%	400.000 ug/mL	+/-0.67 %
3	Aniline	62-53-3	100%	400.000 ug/mL	+/-0.67 %
4	N-Nitroso-di-n-propylamine	621-64-7	99%	400.000 ug/mL	+/-0.67 %
5	4-Chloroaniline	106-47-8	99%	400.000 ug/mL	+/-0.67 %
6	2,4-Diaminotoluene	95-80-7	99%	400.000 ug/mL	+/-0.67 %
7	3-Nitroaniline	99-09-2	99%	400.000 ug/mL	+/-0.67 %
8	2-Nitroaniline	88-74-4	99%	400.000 ug/mL	+/-0.67 %
9	4-Nitroaniline	100-01-6	99%	400.000 ug/mL	+/-0.67 %
10	N-Nitrosodiphenylamine	86-30-6	97%	399.640 ug/mL	+/-0.67 %
11	Atrazine	1912-24-9	99%	400.000 ug/mL	+/-0.67 %
12	Benzidine	92-87-5	99%	400.000 ug/mL	+/-0.67 %
13	3,3'-Dichlorobenzidine	91-94-1	99%	400.000 ug/mL	+/-0.67 %
14	4,4-Methylene-bis(2-chloroaniline)	101-14-4	98%	399.840 ug/mL	+/-0.67 %
15	3,3'-Dimethoxybenzidine	119-90-4	99%	400.000 ug/mL	+/-0.67 %
Solvent:	Methylene Chloride (MEOH FREE)	75-09-2	99%		

Column:
30m x .25mm x .25um
Rtx-5 (cat.#10223)

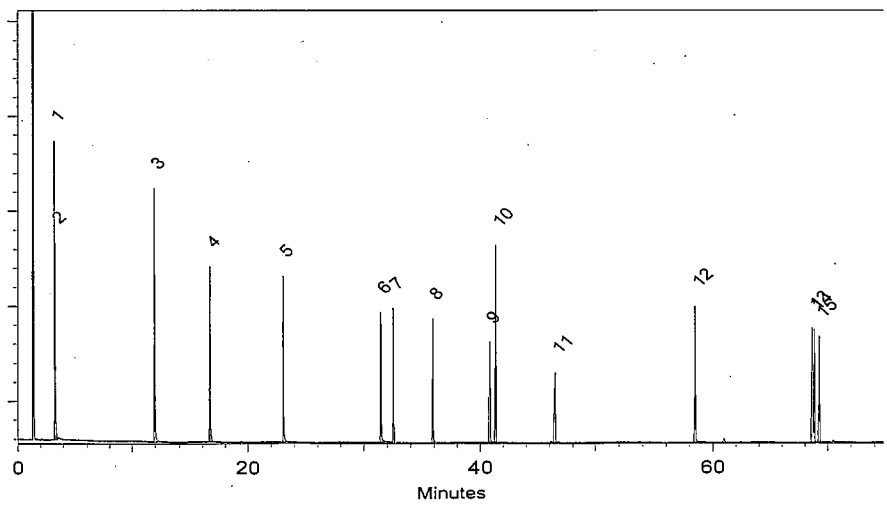
Carrier Gas:
hydrogen-constant pressure 10 psi

Temp. Program:
35°C (hold 3 min.) to 330°C
@ 3°C/min. (hold 3 min.)

Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
FID



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FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

Catalog No. : 57834 **Lot No.:** A083779

Description : Custom Revised 8270 Mix # 3

Container Size : [5] 2 mL **Pkg Amt:** [5] > 2 mL

Expiration Date : [1] December 2014 **Storage:** 10°C or colder

Handling: Sonication required. Mix is photosensitive.

Elution Order	Compound	CAS #	Percent Purity [2]	Grav. Conc. (weight/volume) [3]	Grav.Uncert. (95% C.L.; K=2) [4]
1	Ethyl methacrylate	97-63-2	99%	400.0 ug/mL	+/- 2.8363 ug/mL
2	Acetophenone	98-86-2	99%	400.0 ug/mL	+/- 2.8363 ug/mL
3	Isophorone	78-59-1	99%	400.0 ug/mL	+/- 2.8363 ug/mL
4	Naphthalene	91-20-3	99%	400.0 ug/mL	+/- 2.8363 ug/mL
5	epsilon-Caprolactam	105-60-2	99%	400.0 ug/mL	+/- 2.8363 ug/mL
6	1-Methylnaphthalene	90-12-0	99%	400.0 ug/mL	+/- 2.8363 ug/mL
7	2-Methylnaphthalene	91-57-6	97%	399.6 ug/mL	+/- 2.8338 ug/mL
8	Biphenyl	92-52-4	99%	400.0 ug/mL	+/- 2.8363 ug/mL
9	Acenaphthylene	208-96-8	99%	400.0 ug/mL	+/- 2.8363 ug/mL
10	Dimethylphthalate	131-11-3	99%	400.0 ug/mL	+/- 2.8363 ug/mL
11	Acenaphthene	83-32-9	99%	400.0 ug/mL	+/- 2.8363 ug/mL
12	Dibenzofuran	132-64-9	99%	400.0 ug/mL	+/- 2.8363 ug/mL
13	Fluorene	86-73-7	99%	400.0 ug/mL	+/- 2.8363 ug/mL
14	Diethylphthalate	84-66-2	99%	400.0 ug/mL	+/- 2.8363 ug/mL
15	Azobenzene	103-33-3	99%	400.0 ug/mL	+/- 2.8363 ug/mL
16	Sulfotepp	3689-24-5	99%	400.0 ug/mL	+/- 2.8363 ug/mL
17	Phenanthrene	85-01-8	99%	400.0 ug/mL	+/- 2.8363 ug/mL
18	Anthracene	120-12-7	99%	400.0 ug/mL	+/- 2.8363 ug/mL
19	Carbazole	86-74-8	98%	399.8 ug/mL	+/- 2.8352 ug/mL
20	Di-n-butylphthalate	84-74-2	99%	400.0 ug/mL	+/- 2.8363 ug/mL
21	Fluoranthene	206-44-0	98%	399.8 ug/mL	+/- 2.8352 ug/mL
22	Pyrene	129-00-0	98%	399.8 ug/mL	+/- 2.8352 ug/mL
23	Benzyl butyl phthalate	85-68-7	99%	400.0 ug/mL	+/- 2.8363 ug/mL
24	Benz(a)anthracene	56-55-3	99%	400.0 ug/mL	+/- 2.8363 ug/mL
25	Chrysene	218-01-9	99%	400.0 ug/mL	+/- 2.8363 ug/mL
26	Bis(2-ethylhexyl)phthalate	117-81-7	99%	400.0 ug/mL	+/- 2.8363 ug/mL
27	Di-n-octyl phthalate	117-84-0	98%	399.8 ug/mL	+/- 2.8352 ug/mL
28	Benzo(b)fluoranthene	205-99-2	99%	400.0 ug/mL	+/- 2.8363 ug/mL
29	Benzo(k)fluoranthene	207-08-9	99%	400.0 ug/mL	+/- 2.8363 ug/mL
30	Benzo(a)pyrene	50-32-8	99%	400.0 ug/mL	+/- 2.8363 ug/mL
31	Indeno(1,2,3-cd)pyrene	193-39-5	99%	400.0 ug/mL	+/- 2.8363 ug/mL
32	Dibenz(a,h)anthracene	53-70-3	99%	400.0 ug/mL	+/- 2.8363 ug/mL
33	Benzo(g,h,i)perylene	191-24-2	99%	400.0 ug/mL	+/- 2.8363 ug/mL

Solvent: Methylene Chloride (MEOH FREE) 75-09-2 99%

Column:
30m x .25mm x .25um
Rtx-5 (cat.#10223)

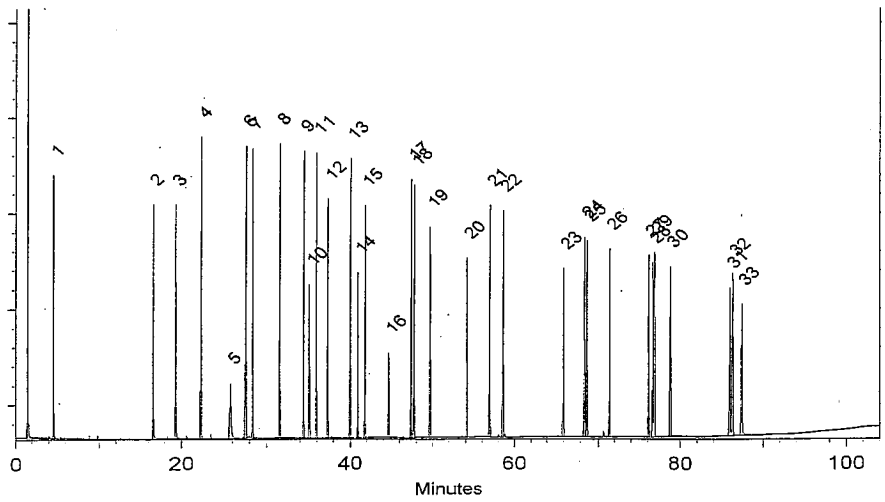
Carrier Gas:
hydrogen-constant pressure 10 psi

Temp. Program:
35°C (hold 3 min.) to 330°C
@ 3°C/min. (hold 3 min.)

Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
FID



John Lidgett - QA Analyst **Date Passed:** 12-Sep-2011 **Balance:** 1128342314

Manufactured under Restek's ISO 9001:2008 Registered Quality System Certificate #FM 80397

1 Expiration date of the unopened ampule stored at the recommended storage condition is the last day of the month listed.

2A Purity and chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/ECD, GC/MS. Purity value is rounded to the nearest whole number. See data pack or contact Restek for further details.

2B Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities.

2C The following types of compounds will have a listed purity of less than 99%: Aldehyde/Ketone-DNPH compounds, Bromides, Chlorides, HCL salts, HBR salts, sulfates, hydrates, and other compounds as necessary. The listed purity is a correction factor that is equivalent to the percentage of parent compound in the molecule. This correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution. The concentration listed on the certificate is the concentration of the parent compound in the solution.

2D Purity of isomeric compounds is reported as the sum of the isomers. Value is rounded to the nearest whole number after summation.

3 Based upon gravimetric preparation with balance calibration verified using NIST traceable weights (seven mass levels) and/or class A glassware used for dilutions.

4 Uncertainties determined using data for balances and glassware from measurement systems analysis methodology, raw material purity, and, when significant, equipment tolerances or calibration results.

5A Containers are overfilled to ensure the packaged amount, as a minimum.

5B Restek supplies deactivated vials along with most standards packed in 2 mL ampules, for the handling and storage of standards. Due to space constraints, Restek does not supply vials for larger volume ampules. Samples should be transferred into deactivated vials for handling and storage. Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31840, which includes complete instructions. Restek will also deactivate larger volume vials from our inventory, as a custom ordered item. Contact your Restek sales or customer service representative for details.

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FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

Catalog No. : 566299 **Lot No.:** A081933

Description : Custom Revised 8270 Mix #4

Container Size : [5] 5 mL **Pkg Amt:** [5] > 2 mL

Expiration Date : [1] May 2014 **Storage:** 10°C or colder

Handling: Sonicate prior to use.

Elution Order	Compound	CAS #	Percent Purity [2]	Grav. Conc. (weight/volume) [3]	Grav.Uncert. (95% C.L.; K=2) [4]
1	3-Chloropropionitrile	542-76-7	99%	400.0 ug/mL	+/- 2.7 ug/mL
2	Malononitrile	109-77-3	99%	400.0 ug/mL	+/- 2.7 ug/mL
3	Benzaldehyde	100-52-7	99%	400.0 ug/mL	+/- 2.7 ug/mL
4	Bis(2-chloroethyl)ether	111-44-4	99%	400.0 ug/mL	+/- 2.7 ug/mL
5	1,3-Dichlorobenzene	541-73-1	99%	400.0 ug/mL	+/- 2.7 ug/mL
6	1,2-Dichlorobenzene-d4	2199-69-1	99%	400.0 ug/mL	+/- 2.7 ug/mL
7	1,2-Dichlorobenzene	95-50-1	99%	400.0 ug/mL	+/- 2.7 ug/mL
8	Bis(2-chloroisopropyl)ether	108-60-1	99%	400.0 ug/mL	+/- 2.7 ug/mL
9	Hexachloroethane	67-72-1	99%	400.0 ug/mL	+/- 2.7 ug/mL
10	Nitrobenzene-d5	4165-60-0	99%	400.0 ug/mL	+/- 2.7 ug/mL
11	Nitrobenzene	98-95-3	99%	400.0 ug/mL	+/- 2.7 ug/mL
12	1,2,4-Trichlorobenzene	120-82-1	97%	399.6 ug/mL	+/- 2.7 ug/mL
13	Bis(2-chloroethoxy)methane	111-91-1	99%	400.0 ug/mL	+/- 2.7 ug/mL
14	1,3,5-Trichlorobenzene	108-70-3	99%	400.0 ug/mL	+/- 2.7 ug/mL
15	1,2,3-Trichlorobenzene	87-61-6	99%	400.0 ug/mL	+/- 2.7 ug/mL
16	Hexachlorobutadiene	87-68-3	98%	399.8 ug/mL	+/- 2.7 ug/mL
17	1,2,3,4-Tetrachlorobenzene	634-66-2	95%	400.0 ug/mL	+/- 2.7 ug/mL
18	Hexachlorocyclopentadiene	77-47-4	99%	400.0 ug/mL	+/- 2.7 ug/mL
19	2-Fluorobiphenyl	321-60-8	99%	400.0 ug/mL	+/- 2.7 ug/mL
20	2-Chloronaphthalene	91-58-7	99%	400.0 ug/mL	+/- 2.7 ug/mL
21	1,2,3,5-Tetrachlorobenzene	634-90-2	99%	400.0 ug/mL	+/- 2.7 ug/mL
22	2,6-Dinitrotoluene	606-20-2	99%	400.0 ug/mL	+/- 2.7 ug/mL
23	1,2-Dinitrobenzene	528-29-0	99%	400.0 ug/mL	+/- 2.7 ug/mL
24	2,4-Dinitrotoluene	121-14-2	99%	400.0 ug/mL	+/- 2.7 ug/mL
25	4-Chlorophenyl phenyl ether	7005-72-3	99%	400.0 ug/mL	+/- 2.7 ug/mL
26	4-Bromophenyl phenyl ether	101-55-3	98%	399.8 ug/mL	+/- 2.7 ug/mL
27	Hexachlorobenzene	118-74-1	99%	400.0 ug/mL	+/- 2.7 ug/mL
28	p-Terphenyl-d14	1718-51-0	97%	399.6 ug/mL	+/- 2.7 ug/mL

125 Market Street
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USA

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CERTIFICATE OF ANALYSIS

Catalog No: APP-9-091-50X
Description: 2,4-Dinitrophenol
Lot: B7040078
Solvent: Methanol

Date Certified: Apr 10, 2007
Expiration: Apr 10, 2017
Sample Size: 1 mL
Storage Condition: Ambient
Hazards: HIGHLY FLAMMABLE

[X] Included on ISO/IEC 17025 Scope of Accreditation
[X] Included on ISO Guide 34 Scope of Accreditation

Component	CAS #	Purity % (GC/MS)	Prepared Concentration[1] (µg/mL)	Certified Analyte Concentration[2] (µg/mL)
2,4-Dinitrophenol	51-28-5	100	5003	5003

AccuStandard follows U.S. conventions in reporting numerical values on both certificates and labels:

A comma (,) is used to separate units of one-thousand or greater.
A period (.) is used as a decimal place marker.

1. All weights are traceable through NIST, Test No.822/272103-05
2. Certified Analyte Concentration = Purity x Prepared Concentration. The Uncertainty associated with the gravimetric values reported on this certificate is ±0.24%. The CRM Uncertainty calculated for this product is ±5%. These values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.
3. A product with a suffix (-1A, -2B, etc. or -01, -02, etc.) on its lot# has had its expiration date extended and is identical to the same lot# without the suffix.

For use in routine laboratory analysis.

See reverse side for additional information
Refer to the MSDS for additional safety information

Certified by: R. Cooper
Russ Cooper, QC Manager

CERTIFICATION REPORT

1. **Quality Documentation:** This certificate is designed in accordance with ISO Guide 31 (Reference Materials - Contents of Certificates and Labels) and ISO Guide 35 (Reference Materials – General and Statistical Principles for Certification).

2. **Quality Standards:**

   ISO Guide 34 - General Requirements for the Competence of Reference Material Producers ACLASS Certificate Number AR-1463

   AR-1463

   ISO/IEC 17025:2005 - General Requirements for the Competence of Testing and Calibration Laboratories ACLASS Certificate Number AT-1339

   AT-1339

   ISO 9001:2008 Quality Management System - Requirements Eagle Registrations Certificate Number 3774

3. **Intended Use:** The product covered by this certificate is designed for calibration or for use in quality control procedures for the specified chemical compounds listed on the reverse side. This product can be used for quantification and/or identification. This product can also be used as a reference material to validate analytical procedures, subject to the conditions under Section 11. If dilution is required, use only Class A glassware and diluent compatible with all certified analytes in this preparation. All solutions should be thoroughly mixed prior to use.

4. **Raw Materials:** Reference standards are prepared from the highest quality starting materials with defined purities. All analytes and solvents are obtained from pre-qualified vendors and then analyzed or evaluated prior to use.

5. **Manufacturing:** All balances are calibrated daily using an in-house procedure with weights that are compared annually to master weights and traceable to NIST. The balances are also calibrated annually by an ISO/IEC 17025 accredited calibration laboratory. Please refer to the NIST test number listed on the front of this certificate. Class A glassware is used in the manufacture and quality control of all standards and calibrated using an in-house procedure. Good Laboratory Practices have been used throughout the preparation of this CRM.

6. **Homogeneity Assessment:** Homogeneity of the finished product is assessed by analyzing sample batches or by other methods consistent with the intended use of the product and by procedures that comply with the appropriate Quality System requirements, and ISO Guide 35.

7. **Stability Assessment:** The manufacturer guarantees the stability of this solution through the expiration date stated on the label, when handled and stored according to the conditions stated on the label. To ensure a uniform solution, mix the contents of the sealed container thoroughly prior to use. Care should be taken not to contaminate the contents of the original container.

8. **Analytical Quality Control:** Products are tested by validated analytical methods specified in the manufacturer's quality system.

9. **Uncertainty Statistics and Confidence Limits:** The uncertainty values as stated on the face of this certificate have been determined using the EURACHEM/CITAC Guide (Quantifying Uncertainty in Analytical Measurement). We have evaluated both Type A (based on a series of observations) and Type B (manufacturers specifications and calibration data) factors and report a combined expanded uncertainty equal to the positive square root of the total variance of the uncertainty of the components using the following formula: $u_m = \sqrt{(u(P))^2 + (u(m))^2 + (u(V))^2}$. The expanded uncertainty, U, assumes a normal distribution and a coverage factor of k=2 is chosen using approximately a 95% confidence level. Laboratories accredited to ISO/IEC 17025 and ISO Guide 34 are required to estimate uncertainty budgets associated with the measurements they make. However, for analysis, the certified value should be used as the actual value.

10. **Warranties:** The manufacturer warrants that its products shall conform to the description of such products as provided in its catalog or on the specific product label. This warranty is exclusive, and the manufacturer makes no other warranty, express or implied, including any implied warranty of merchantability or fitness for any particular purpose.

11. **Legal Notice and Limit of Liability:** This product is for routine laboratory analysis and research purposes only. Due to the hazardous nature, only trained personnel should handle this product. The company's liability will be limited to replacement of product or refund of purchase price. Notice of claims must be made within thirty (30) days from date of delivery.

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CERTIFICATE OF ANALYSIS

Catalog No: Z-014D-1
Description: Benzoic acid
Lot: 211061093
Solvent: Dichloromethane

Date Certified: Jun 7, 2011
Expiration: Jun 7, 2021
Sample Size: 1 mL
Storage Condition: Ambient
Hazards: HARMFUL

[X] Included on ISO/IEC 17025 Scope of Accreditation
[X] Included on ISO Guide 34 Scope of Accreditation

Component	CAS #	Purity % MFG	Prepared Concentration[1] (µg/mL)	Certified Analyte Concentration[2] (µg/mL)
Benzoic acid	65-85-0	99.5	2004	1994

AccuStandard follows U.S. conventions in reporting numerical values on both certificates and labels:

A comma (,) is used to separate units of one-thousand or greater.
A period (.) is used as a decimal place marker.

1. All weights are traceable through NIST, Test No.822/272103-05
2. Certified Analyte Concentration = Purity x Prepared Concentration. The Uncertainty associated with the gravimetric values reported on this certificate is ±0.24%. The CRM Uncertainty calculated for this product is ±5%. These values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.
3. A product with a suffix (-1A, -2B, etc. or -01, -02, etc.) on its lot# has had its expiration date extended and is identical to the same lot# without the suffix.

For use in routine laboratory analysis.

See reverse side for additional information
Refer to the MSDS for additional safety information

Certified by: R. Cooper
Russ Cooper, QC Manager

CERTIFICATION REPORT

1. **Quality Documentation:** This certificate is designed in accordance with ISO Guide 31 (Reference Materials - Contents of Certificates and Labels) and ISO Guide 35 (Reference Materials – General and Statistical Principles for Certification).

2. **Quality Standards:**

   ISO Guide 34 – General Requirements for the Competence of Reference Material Producers ACLASS Certificate Number AR-1463

   AR-1463

   ISO/IEC 17025:2005 - General Requirements for the Competence of Testing and Calibration Laboratories ACLASS Certificate Number AT-1339

   AT-1339

   ISO 9001:2008 Quality Management System - Requirements
   Eagle Registrations Certificate Number 3774

3. **Intended Use:** The product covered by this certificate is designed for calibration or for use in quality control procedures for the specified chemical compounds listed on the reverse side. This product can be used for quantification and/or identification. This product can also be used as a reference material to validate analytical procedures, subject to the conditions under Section 11. If dilution is required, use only Class A glassware and diluent compatible with all certified analytes in this preparation. All solutions should be thoroughly mixed prior to use.

4. **Raw Materials:** Reference standards are prepared from the highest quality starting materials with defined purities. All analytes and solvents are obtained from pre-qualified vendors and then analyzed or evaluated prior to use.

5. **Manufacturing:** All balances are calibrated daily using an in-house procedure with weights that are compared annually to master weights and traceable to NIST. The balances are also calibrated annually by an ISO/IEC 17025 accredited calibration laboratory. Please refer to the NIST test number listed on the front of this certificate. Class A glassware is used in the manufacture and quality control of all standards and calibrated.using an in-house procedure. Good Laboratory Practices have been used throughout the preparation of this CRM.

6. **Homogeneity Assessment:** Homogeneity of the finished product is assessed by analyzing sample batches or by other methods consistent with the intended use of the product and by procedures that comply with the appropriate Quality System requirements, and ISO Guide 35.

7. **Stability Assessment:** The manufacturer guarantees the stability of this solution through the expiration date stated on the label, when handled and stored according to the conditions stated on the label. To ensure a uniform solution, mix the contents of the sealed container thoroughly prior to use. Care should be taken not to contaminate the contents of the original container.

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CERTIFICATE OF ANALYSIS

Catalog No: APP-9-176-D-20X
Description: Pentachlorophenol
Lot: 211041014
Solvent: Dichloromethane

Date Certified: Apr 1, 2011
Expiration: Apr 1, 2021
Sample Size: 1 mL
Storage Condition: Ambient
Hazards: HARMFUL

[X] Included on ISO/IEC 17025 Scope of Accreditation
[X] Included on ISO Guide 34 Scope of Accreditation

Component	CAS #	Purity % (GC/FID)	Prepared Concentration[1] (µg/mL)	Certified Analyte Concentration[2] (µg/mL)
Pentachlorophenol	87-86-5	99.0	2007	1987

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For use in routine laboratory analysis.

See reverse side for additional information
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Certified by: R. Cooper
Russ Cooper, QC Manager

AccuStandard is accredited to ISO Guide 34, ISO/IEC 17025 and certified to ISO 9001

CERTIFICATION REPORT

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   AR-1463

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   AT-1339

   ISO 9001:2008 Quality Management System - Requirements Eagle Registrations Certificate Number 3774

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Certificate of Composition

DESCRIPTION: TEST AMERICA

QUOTE 21492575 LOT NO.: LB90764 EXPIRATION DATE: Aug-2013

SOLVENT: BENZENE 25 %
METHYLENE CHLORIDE 75 %

ANALYTE (1)	CAS NUMBER	PERCENT PURITY (2)		WEIGHT CONCENTRATION (3)			SUPELCO LOT NO
ACENAPHTHENE	83-32-9	99.9		1000	+/-	5.0	LB82590
ACENAPHTHYLENE	208-96-8	99.9		1000	+/-	5.0	LB84923
ACETOPHENONE	98-86-2	99.2		1001	+/-	5.0	LB61700
ANILINE	62-53-3	99.9		1000	+/-	5.0	LA41596
ANTHRACENE	120-12-7	99.5		1000	+/-	5.0	LB77576
ATRAZINE	1912-24-9	99.9		1000	+/-	5.0	LB77962
AZOBENZENE	103-33-3	99.9		1000	+/-	5.0	LB83060
BENZALDEHYDE	100-52-7	99.9		999	+/-	5.0	LB82946
BENZIDINE	92-87-5	99.9		1000	+/-	5.0	LB83682
BENZO (A) ANTHRACENE	56-55-3	99.4	(a)	1000	+/-	5.0	LB78146
BENZO (A) PYRENE	50-32-8	99.9	(a)	1000	+/-	5.0	LB79478
BENZO (B) FLUORANTHENE	205-99-2	99.9		1000	+/-	5.0	LB77269
BENZO (G,H,I) PERYLENE	191-24-2	99.6		1000	+/-	5.0	LB62550
BENZO (K) FLUORANTHENE	207-08-9	99.9		1000	+/-	5.0	LB84765
BENZOIC ACID	65-85-0	99.9		2001	+/-	10.0	LA84486
BENZYL ALCOHOL	100-51-6	99.9		1001	+/-	5.0	LB48374
BENZYL BUTYL PHTHALATE	85-68-7	98.6		1000	+/-	5.0	LB60340
BIPHENYL	92-52-4	99.9		1002	+/-	5.0	LB30457
BIS (2-CHLOROETHOXY) METHANE	111-91-1	98.5		1000	+/-	5.0	LB71304

(1) Listed in alphabetical order.

(2) Determined by capillary GC-FID, unless otherwise noted.
a) HPLC UV-254NM

(3) NIST traceable weights are used to verify balance calibration with the preparation of each lot. Concentration of analyte in solution is ug/ml +/- 0.5%, uncertainty based upon balance and Class A volumetric glassware. Weights are corrected for analytes less than 98% pure.

Elwood Doughty
QA Manager

Supelco warrants that its products conform to the information contained in this publication. Purchaser must determine the suitability of the product for its particular use. Please see the latest catalog or order invoice and packing slip for additional terms and conditions of sale.

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Certificate of Composition

DESCRIPTION: TEST AMERICA

QUOTE 21492575 LOT NO.: LB90764 EXPIRATION DATE: Aug-2013

SOLVENT: BENZENE 25 %
METHYLENE CHLORIDE 75 %

ANALYTE (1)	CAS NUMBER	PERCENT PURITY (2)	WEIGHT CONCENTRATION (3)			SUPELCO LOT NO
BIS (2-CHLOROETHYL) ETHER	111-44-4	99.9	1000	+/-	5.0	LB33319
BIS (2-CHLOROISOPROPYL) ETHER	108-60-1	97.4	1000	+/-	5.0	LB84548
BIS (2-ETHYLHEXYL) PHTHALATE	117-81-7	99.7	1000	+/-	5.0	LB58359
CAPROLACTAM	105-60-2	99.9	1000	+/-	5.0	LB34145
CARBAZOLE	86-74-8	99.9	1000	+/-	5.0	LB60643
CHRYSENE	218-01-9	98.4	1000	+/-	5.0	LB85109
DI-N-BUTYL PHTHALATE	84-74-2	99.5	1000	+/-	5.0	LB64921
DI-N-OCTYL PHTHALATE	117-84-0	99.9	1000	+/-	5.0	LB83131
DIBENZ (A,H) ANTHRACENE	53-70-3	99.9	1000	+/-	5.0	LB87229
DIBENZOFURAN	132-64-9	98.9	1000	+/-	5.0	LB78814
DIETHYL PHTHALATE	84-66-2	99.2	1000	+/-	5.0	LB60384
DIMETHYL PHTHALATE	131-11-3	99.9	1000	+/-	5.0	LB30494
FLUORANTHENE	206-44-0	99.5	1000	+/-	5.0	LB36331
FLUORENE	86-73-7	98.5	1000	+/-	5.0	LB82164
HEXACHLOROBENZENE	118-74-1	99.9	1000	+/-	5.0	LB87401
HEXACHLOROBUTADIENE	87-68-3	96.2	1000	+/-	5.0	LB67777
HEXACHLOROCYCLOPENTADIENE	77-47-4	97.2	1000	+/-	5.0	LB84590
HEXACHLOROETHANE	67-72-1	99.9	1000	+/-	5.0	LB29072
INDENO (1,2,3-CD) PYRENE	193-39-5	99.7	1000	+/-	5.0	LB87713

(1) Listed in alphabetical order.

(2) Determined by capillary GC-FID, unless otherwise noted.
a) HPLC UV-254NM

(3) NIST traceable weights are used to verify balance calibration with the preparation of each lot. Concentration of analyte in solution is ug/ml +/- 0.5%, uncertainty based upon balance and Class A volumetric glassware. Weights are corrected for analytes less than 98% pure.

Elwood Doughty
QA Manager

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Certificate of Composition

DESCRIPTION: TEST AMERICA

QUOTE 21492575 LOT NO.: LB90764 EXPIRATION DATE: Aug-2013

SOLVENT: BENZENE 25 %
METHYLENE CHLORIDE 75 %

ANALYTE (1)	CAS NUMBER	PERCENT PURITY (2)	WEIGHT CONCENTRATION (3)			SUPELCO LOT NO
ISOPHORONE	78-59-1	99.1	1000	+/-	5.0	LB45460
N-NITROSODI-N-PROPYLAMINE	621-64-7	99.9	1000	+/-	5.0	LB79763
N-NITROSODIMETHYLAMINE	62-75-9	99.9	1000	+/-	5.0	LB83854
N-NITROSODIPHENYLAMINE	86-30-6	98.6	1001	+/-	5.0	LB17295
N-NITROSOPYRROLIDINE	930-55-2	99.9	1001	+/-	5.0	LB78816
NAPHTHALENE	91-20-3	99.9	1000	+/-	5.0	LB77841
NITROBENZENE	98-95-3	99.9	1000	+/-	5.0	LB47070
PENTACHLOROPHENOL	87-86-5	99.9	2000	+/-	10.0	LB75554
PHENANTHRENE	85-01-8	99.1	1000	+/-	5.0	LB68872
PHENOL	108-95-2	99.9	1002	+/-	5.0	LB57703
PYRENE	129-00-0	97.5	1000	+/-	5.0	LB70761
1,2-DICHLOROBENZENE	95-50-1	99.9	1000	+/-	5.0	LA96474
1,2,4-TRICHLOROBENZENE	120-82-1	99.5	1000	+/-	5.0	LB48083
1,2,4,5-TETRACHLOROBENZENE	95-94-3	99.9	1000	+/-	5.0	LB61817
1,3-DICHLOROBENZENE	541-73-1	99.9	1000	+/-	5.0	LB68066
1,4-DICHLOROBENZENE	106-46-7	99.9	1000	+/-	5.0	LB69983
1,4-DIOXANE	123-91-1	99.9	1002	+/-	5.0	LB82982
2-CHLORONAPHTHALENE	91-58-7	99.4	1000	+/-	5.0	LB48170
2-CHLOROPHENOL	95-57-8	99.6	999	+/-	5.0	LB83266

(1) Listed in alphabetical order.

(2) Determined by capillary GC-FID, unless otherwise noted.
a) HPLC UV-254NM

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Elwood Doughty
QA Manager

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Certificate of Composition

DESCRIPTION: TEST AMERICA

QUOTE 21492575 LOT NO.: LB90764 EXPIRATION DATE: Aug-2013

SOLVENT: BENZENE 25 %
METHYLENE CHLORIDE 75 %

ANALYTE (1)	CAS NUMBER	PERCENT PURITY (2)	WEIGHT CONCENTRATION (3)	SUPELCO LOT NO
2-METHYL-4,6-DINITROPHENOL	534-52-1	99.9	1001 +/- 5.0	LB31592
2-METHYLNAPHTHALENE	91-57-6	98.3	1000 +/- 5.0	LB44448
2-METHYLPHENOL	95-48-7	99.8	1000 +/- 5.0	LB30223
2-NITROANILINE	88-74-4	99.9	1000 +/- 5.0	LB49936
2-NITROPHENOL	88-75-5	99.9	1000 +/- 5.0	LB44736
2,3,4,6-TETRACHLOROPHENOL	58-90-2	98.4	1000 +/- 5.0	LB75078
2,4-DICHLOROPHENOL	120-83-2	98.8	1002 +/- 5.0	LB76837
2,4-DIMETHYLPHENOL	105-67-9	99.9	1000 +/- 5.0	LB88935
2,4-DINITROPHENOL	51-28-5	98.6	2003 +/- 10.0	LB28389
2,4-DINITROTOLUENE	121-14-2	96.0	1000 +/- 5.0	LB46632
2,4,5-TRICHLOROPHENOL	95-95-4	99.9	1000 +/- 5.0	LB35288
2,4,6-TRICHLOROPHENOL	88-06-2	99.9	1000 +/- 5.0	LB65559
2,6-DICHLOROPHENOL	87-65-0	99.9	1002 +/- 5.0	LB03525
2,6-DINITROTOLUENE	606-20-2	99.9	1000 +/- 5.0	LB79891
3-NITROANILINE	99-09-2	99.9	1000 +/- 5.0	LB73829
3,3-DICHLOROBENZIDINE	91-94-1	99.4	1000 +/- 5.0	LB68654
4-BROMOPHENYLPHENYL ETHER	101-55-3	98.8	1000 +/- 5.0	LB63786
4-CHLORO-3-METHYLPHENOL	59-50-7	99.9	1000 +/- 5.0	LB83265
4-CHLOROANILINE	106-47-8	99.9	1000 +/- 5.0	LB82916

(1) Listed in alphabetical order.

(2) Determined by capillary GC-FID, unless otherwise noted.
a) HPLC UV-254NM

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Elwood Doughty
QA Manager

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SUPELCO® Analytical
595 North Harrison Road • Bellefonte, PA
16823-0048 USA • Phone (814) 359-3441

Certificate of Composition

DESCRIPTION: TEST AMERICA

QUOTE 21492575 LOT NO.: LB90764 EXPIRATION DATE: Aug-2013

SOLVENT: BENZENE 25 %
METHYLENE CHLORIDE 75 %

ANALYTE (1)	CAS NUMBER	PERCENT PURITY (2)	WEIGHT CONCENTRATION (3)	SUPELCO LOT NO
4-CHLOROPHENYLPHENYL ETHER	7005-72-3	99.9	1000 +/- 5.0	LB72185
4-METHYLPHENOL	106-44-5	99.9	1000 +/- 5.0	LB32518
4-NITROANILINE	100-01-6	99.9	1000 +/- 5.0	LB42566
4-NITROPHENOL	100-02-7	99.9	1001 +/- 5.0	LB83255

(1) Listed in alphabetical order.

(2) Determined by capillary GC-FID, unless otherwise noted.
a) HPLC UV-254NM

(3) NIST traceable weights are used to verify balance calibration with the preparation of each lot. Concentration of analyte in solution is ug/ml +/- 0.5%, uncertainty based upon balance and Class A volumetric glassware. Weights are corrected for analytes less than 98% pure.

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ANALYTE (1)	CAS NUMBER	PERCENT PURITY (2)		WEIGHT CONCENTRATION (3)			SUPELCO LOT NO
ACENAPHTHENE	83-32-9	99.9		1000	+/-	5.0	LB82590
ACENAPHTHYLENE	208-96-8	99.9		1000	+/-	5.0	LB84923
ACETOPHENONE	98-86-2	99.2		1001	+/-	5.0	LB61700
ANILINE	62-53-3	99.9		1000	+/-	5.0	LA41596
ANTHRACENE	120-12-7	99.5		1000	+/-	5.0	LB77576
ATRAZINE	1912-24-9	99.9		1000	+/-	5.0	LB77962
AZOBENZENE	103-33-3	99.9		1000	+/-	5.0	LB83060
BENZALDEHYDE	100-52-7	99.9		999	+/-	5.0	LB82946
BENZIDINE	92-87-5	99.9		1000	+/-	5.0	LB83682
BENZO (A) ANTHRACENE	56-55-3	99.4	(a)	1000	+/-	5.0	LB78146
BENZO (A) PYRENE	50-32-8	99.9	(a)	1000	+/-	5.0	LB79478
BENZO (B) FLUORANTHENE	205-99-2	99.9		1000	+/-	5.0	LB77269
BENZO (G,H,I) PERYLENE	191-24-2	99.6		1000	+/-	5.0	LB62550
BENZO (K) FLUORANTHENE	207-08-9	99.9		1000	+/-	5.0	LB84765
BENZOIC ACID	65-85-0	99.9		2001	+/-	10.0	LA84486
BENZYL ALCOHOL	100-51-6	99.9		1001	+/-	5.0	LB48374
BENZYL BUTYL PHTHALATE	85-68-7	98.6		1000	+/-	5.0	LB60340
BIPHENYL	92-52-4	99.9		1002	+/-	5.0	LB30457
BIS (2-CHLOROETHOXY) METHANE	111-91-1	98.5		1000	+/-	5.0	LB71304

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ANALYTE (1)	CAS NUMBER	PERCENT PURITY (2)	WEIGHT CONCENTRATION (3)			SUPELCO LOT NO
BIS (2-CHLOROETHYL) ETHER	111-44-4	99.9	1000	+/-	5.0	LB33319
BIS (2-CHLOROISOPROPYL) ETHER	108-60-1	97.4	1000	+/-	5.0	LB84548
BIS (2-ETHYLHEXYL) PHTHALATE	117-81-7	99.7	1000	+/-	5.0	LB58359
CAPROLACTAM	105-60-2	99.9	1000	+/-	5.0	LB34145
CARBAZOLE	86-74-8	99.9	1000	+/-	5.0	LB60643
CHRYSENE	218-01-9	98.4	1000	+/-	5.0	LB85109
DI-N-BUTYL PHTHALATE	84-74-2	99.5	1000	+/-	5.0	LB64921
DI-N-OCTYL PHTHALATE	117-84-0	99.9	1000	+/-	5.0	LB83131
DIBENZ (A,H) ANTHRACENE	53-70-3	99.9	1000	+/-	5.0	LB87229
DIBENZOFURAN	132-64-9	98.9	1000	+/-	5.0	LB78814
DIETHYL PHTHALATE	84-66-2	99.2	1000	+/-	5.0	LB60384
DIMETHYL PHTHALATE	131-11-3	99.9	1000	+/-	5.0	LB30494
FLUORANTHENE	206-44-0	99.5	1000	+/-	5.0	LB36331
FLUORENE	86-73-7	98.5	1000	+/-	5.0	LB82164
HEXACHLOROBENZENE	118-74-1	99.9	1000	+/-	5.0	LB87401
HEXACHLOROBUTADIENE	87-68-3	96.2	1000	+/-	5.0	LB67777
HEXACHLOROCYCLOPENTADIENE	77-47-4	97.2	1000	+/-	5.0	LB84590
HEXACHLOROETHANE	67-72-1	99.9	1000	+/-	5.0	LB29072
INDENO (1,2,3-CD) PYRENE	193-39-5	99.7	1000	+/-	5.0	LB87713

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ANALYTE (1)	CAS NUMBER	PERCENT PURITY (2)	WEIGHT CONCENTRATION (3)			SUPELCO LOT NO
ISOPHORONE	78-59-1	99.1	1000	+/-	5.0	LB45460
N-NITROSODI-N-PROPYLAMINE	621-64-7	99.9	1000	+/-	5.0	LB79763
N-NITROSODIMETHYLAMINE	62-75-9	99.9	1000	+/-	5.0	LB83854
N-NITROSODIPHENYLAMINE	86-30-6	98.6	1001	+/-	5.0	LB17295
N-NITROSOPYRROLIDINE	930-55-2	99.9	1001	+/-	5.0	LB78816
NAPHTHALENE	91-20-3	99.9	1000	+/-	5.0	LB77841
NITROBENZENE	98-95-3	99.9	1000	+/-	5.0	LB47070
PENTACHLOROPHENOL	87-86-5	99.9	2000	+/-	10.0	LB75554
PHENANTHRENE	85-01-8	99.1	1000	+/-	5.0	LB68872
PHENOL	108-95-2	99.9	1002	+/-	5.0	LB57703
PYRENE	129-00-0	97.5	1000	+/-	5.0	LB70761
1,2-DICHLOROBENZENE	95-50-1	99.9	1000	+/-	5.0	LA96474
1,2,4-TRICHLOROBENZENE	120-82-1	99.5	1000	+/-	5.0	LB48083
1,2,4,5-TETRACHLOROBENZENE	95-94-3	99.9	1000	+/-	5.0	LB61817
1,3-DICHLOROBENZENE	541-73-1	99.9	1000	+/-	5.0	LB68066
1,4-DICHLOROBENZENE	106-46-7	99.9	1000	+/-	5.0	LB69983
1,4-DIOXANE	123-91-1	99.9	1002	+/-	5.0	LB82982
2-CHLORONAPHTHALENE	91-58-7	99.4	1000	+/-	5.0	LB48170
2-CHLOROPHENOL	95-57-8	99.6	999	+/-	5.0	LB83266

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a) HPLC UV-254NM

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ANALYTE (1)	CAS NUMBER	PERCENT PURITY (2)	WEIGHT CONCENTRATION (3)	SUPELCO LOT NO
2-METHYL-4,6-DINITROPHENOL	534-52-1	99.9	1001 +/- 5.0	LB31592
2-METHYLNAPHTHALENE	91-57-6	98.3	1000 +/- 5.0	LB44448
2-METHYLPHENOL	95-48-7	99.8	1000 +/- 5.0	LB30223
2-NITROANILINE	88-74-4	99.9	1000 +/- 5.0	LB49936
2-NITROPHENOL	88-75-5	99.9	1000 +/- 5.0	LB44736
2,3,4,6-TETRACHLOROPHENOL	58-90-2	98.4	1000 +/- 5.0	LB75078
2,4-DICHLOROPHENOL	120-83-2	98.8	1002 +/- 5.0	LB76837
2,4-DIMETHYLPHENOL	105-67-9	99.9	1000 +/- 5.0	LB88935
2,4-DINITROPHENOL	51-28-5	98.6	2003 +/- 10.0	LB28389
2,4-DINITROTOLUENE	121-14-2	96.0	1000 +/- 5.0	LB46632
2,4,5-TRICHLOROPHENOL	95-95-4	99.9	1000 +/- 5.0	LB35288
2,4,6-TRICHLOROPHENOL	88-06-2	99.9	1000 +/- 5.0	LB65559
2,6-DICHLOROPHENOL	87-65-0	99.9	1002 +/- 5.0	LB03525
2,6-DINITROTOLUENE	606-20-2	99.9	1000 +/- 5.0	LB79891
3-NITROANILINE	99-09-2	99.9	1000 +/- 5.0	LB73829
3,3-DICHLOROBENZIDINE	91-94-1	99.4	1000 +/- 5.0	LB68654
4-BROMOPHENYLPHENYL ETHER	101-55-3	98.8	1000 +/- 5.0	LB63786
4-CHLORO-3-METHYLPHENOL	59-50-7	99.9	1000 +/- 5.0	LB83265
4-CHLOROANILINE	106-47-8	99.9	1000 +/- 5.0	LB82916

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a) HPLC UV-254NM

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4-CHLOROPHENYLPHENYL ETHER	7005-72-3	99.9	1000 +/- 5.0	LB72185
4-METHYLPHENOL	106-44-5	99.9	1000 +/- 5.0	LB32518
4-NITROANILINE	100-01-6	99.9	1000 +/- 5.0	LB42566
4-NITROPHENOL	100-02-7	99.9	1001 +/- 5.0	LB83255

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ACENAPHTHENE	83-32-9	99.9		1000	+/-	5.0	LB82590
ACENAPHTHYLENE	208-96-8	99.9		1000	+/-	5.0	LB84923
ACETOPHENONE	98-86-2	99.2		1001	+/-	5.0	LB61700
ANILINE	62-53-3	99.9		1000	+/-	5.0	LA41596
ANTHRACENE	120-12-7	99.5		1000	+/-	5.0	LB77576
ATRAZINE	1912-24-9	99.9		1000	+/-	5.0	LB77962
AZOBENZENE	103-33-3	99.9		1000	+/-	5.0	LB83060
BENZALDEHYDE	100-52-7	99.9		999	+/-	5.0	LB82946
BENZIDINE	92-87-5	99.9		1000	+/-	5.0	LB83682
BENZO (A) ANTHRACENE	56-55-3	99.4	(a)	1000	+/-	5.0	LB78146
BENZO (A) PYRENE	50-32-8	99.9	(a)	1000	+/-	5.0	LB79478
BENZO (B) FLUORANTHENE	205-99-2	99.9		1000	+/-	5.0	LB77269
BENZO (G,H,I) PERYLENE	191-24-2	99.6		1000	+/-	5.0	LB62550
BENZO (K) FLUORANTHENE	207-08-9	99.9		1000	+/-	5.0	LB84765
BENZOIC ACID	65-85-0	99.9		2001	+/-	10.0	LA84486
BENZYL ALCOHOL	100-51-6	99.9		1001	+/-	5.0	LB48374
BENZYL BUTYL PHTHALATE	85-68-7	98.6		1000	+/-	5.0	LB60340
BIPHENYL	92-52-4	99.9		1002	+/-	5.0	LB30457
BIS (2-CHLOROETHOXY) METHANE	111-91-1	98.5		1000	+/-	5.0	LB71304

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BIS (2-CHLOROETHYL) ETHER	111-44-4	99.9	1000	+/-	5.0	LB33319
BIS (2-CHLOROISOPROPYL) ETHER	108-60-1	97.4	1000	+/-	5.0	LB84548
BIS (2-ETHYLHEXYL) PHTHALATE	117-81-7	99.7	1000	+/-	5.0	LB58359
CAPROLACTAM	105-60-2	99.9	1000	+/-	5.0	LB34145
CARBAZOLE	86-74-8	99.9	1000	+/-	5.0	LB60643
CHRYSENE	218-01-9	98.4	1000	+/-	5.0	LB85109
DI-N-BUTYL PHTHALATE	84-74-2	99.5	1000	+/-	5.0	LB64921
DI-N-OCTYL PHTHALATE	117-84-0	99.9	1000	+/-	5.0	LB83131
DIBENZ (A,H) ANTHRACENE	53-70-3	99.9	1000	+/-	5.0	LB87229
DIBENZOFURAN	132-64-9	98.9	1000	+/-	5.0	LB78814
DIETHYL PHTHALATE	84-66-2	99.2	1000	+/-	5.0	LB60384
DIMETHYL PHTHALATE	131-11-3	99.9	1000	+/-	5.0	LB30494
FLUORANTHENE	206-44-0	99.5	1000	+/-	5.0	LB36331
FLUORENE	86-73-7	98.5	1000	+/-	5.0	LB82164
HEXACHLOROBENZENE	118-74-1	99.9	1000	+/-	5.0	LB87401
HEXACHLOROBUTADIENE	87-68-3	96.2	1000	+/-	5.0	LB67777
HEXACHLOROCYCLOPENTADIENE	77-47-4	97.2	1000	+/-	5.0	LB84590
HEXACHLOROETHANE	67-72-1	99.9	1000	+/-	5.0	LB29072
INDENO (1,2,3-CD) PYRENE	193-39-5	99.7	1000	+/-	5.0	LB87713

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ISOPHORONE	78-59-1	99.1	1000	+/-	5.0	LB45460
N-NITROSODI-N-PROPYLAMINE	621-64-7	99.9	1000	+/-	5.0	LB79763
N-NITROSODIMETHYLAMINE	62-75-9	99.9	1000	+/-	5.0	LB83854
N-NITROSODIPHENYLAMINE	86-30-6	98.6	1001	+/-	5.0	LB17295
N-NITROSOPYRROLIDINE	930-55-2	99.9	1001	+/-	5.0	LB78816
NAPHTHALENE	91-20-3	99.9	1000	+/-	5.0	LB77841
NITROBENZENE	98-95-3	99.9	1000	+/-	5.0	LB47070
PENTACHLOROPHENOL	87-86-5	99.9	2000	+/-	10.0	LB75554
PHENANTHRENE	85-01-8	99.1	1000	+/-	5.0	LB68872
PHENOL	108-95-2	99.9	1002	+/-	5.0	LB57703
PYRENE	129-00-0	97.5	1000	+/-	5.0	LB70761
1,2-DICHLOROBENZENE	95-50-1	99.9	1000	+/-	5.0	LA96474
1,2,4-TRICHLOROBENZENE	120-82-1	99.5	1000	+/-	5.0	LB48083
1,2,4,5-TETRACHLOROBENZENE	95-94-3	99.9	1000	+/-	5.0	LB61817
1,3-DICHLOROBENZENE	541-73-1	99.9	1000	+/-	5.0	LB68066
1,4-DICHLOROBENZENE	106-46-7	99.9	1000	+/-	5.0	LB69983
1,4-DIOXANE	123-91-1	99.9	1002	+/-	5.0	LB82982
2-CHLORONAPHTHALENE	91-58-7	99.4	1000	+/-	5.0	LB48170
2-CHLOROPHENOL	95-57-8	99.6	999	+/-	5.0	LB83266

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2-METHYL-4,6-DINITROPHENOL	534-52-1	99.9	1001 +/- 5.0	LB31592
2-METHYLNAPHTHALENE	91-57-6	98.3	1000 +/- 5.0	LB44448
2-METHYLPHENOL	95-48-7	99.8	1000 +/- 5.0	LB30223
2-NITROANILINE	88-74-4	99.9	1000 +/- 5.0	LB49936
2-NITROPHENOL	88-75-5	99.9	1000 +/- 5.0	LB44736
2,3,4,6-TETRACHLOROPHENOL	58-90-2	98.4	1000 +/- 5.0	LB75078
2,4-DICHLOROPHENOL	120-83-2	98.8	1002 +/- 5.0	LB76837
2,4-DIMETHYLPHENOL	105-67-9	99.9	1000 +/- 5.0	LB88935
2,4-DINITROPHENOL	51-28-5	98.6	2003 +/- 10.0	LB28389
2,4-DINITROTOLUENE	121-14-2	96.0	1000 +/- 5.0	LB46632
2,4,5-TRICHLOROPHENOL	95-95-4	99.9	1000 +/- 5.0	LB35288
2,4,6-TRICHLOROPHENOL	88-06-2	99.9	1000 +/- 5.0	LB65559
2,6-DICHLOROPHENOL	87-65-0	99.9	1002 +/- 5.0	LB03525
2,6-DINITROTOLUENE	606-20-2	99.9	1000 +/- 5.0	LB79891
3-NITROANILINE	99-09-2	99.9	1000 +/- 5.0	LB73829
3,3-DICHLOROBENZIDINE	91-94-1	99.4	1000 +/- 5.0	LB68654
4-BROMOPHENYLPHENYL ETHER	101-55-3	98.8	1000 +/- 5.0	LB63786
4-CHLORO-3-METHYLPHENOL	59-50-7	99.9	1000 +/- 5.0	LB83265
4-CHLOROANILINE	106-47-8	99.9	1000 +/- 5.0	LB82916

(1) Listed in alphabetical order.

(2) Determined by capillary GC-FID, unless otherwise noted.
a) HPLC UV-254NM

(3) NIST traceable weights are used to verify balance calibration with the preparation of each lot. Concentration of analyte in solution is ug/ml +/- 0.5%, uncertainty based upon balance and Class A volumetric glassware. Weights are corrected for analytes less than 98% pure.

Elwood Doughty
QA Manager

Supelco warrants that its products conform to the information contained in this publication. Purchaser must determine the suitability of the product for its particular use. Please see the latest catalog or order invoice and packing slip for additional terms and conditions of sale.

SUPELCO® Analytical
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Certificate of Composition

DESCRIPTION: TEST AMERICA

QUOTE 21492575 LOT NO.: LB90764 EXPIRATION DATE: Aug-2013

SOLVENT: BENZENE 25 %
METHYLENE CHLORIDE 75 %

ANALYTE (1)	CAS NUMBER	PERCENT PURITY (2)	WEIGHT CONCENTRATION (3)	SUPELCO LOT NO
4-CHLOROPHENYLPHENYL ETHER	7005-72-3	99.9	1000 +/- 5.0	LB72185
4-METHYLPHENOL	106-44-5	99.9	1000 +/- 5.0	LB32518
4-NITROANILINE	100-01-6	99.9	1000 +/- 5.0	LB42566
4-NITROPHENOL	100-02-7	99.9	1001 +/- 5.0	LB83255

(1) Listed in alphabetical order.

(2) Determined by capillary GC-FID, unless otherwise noted.
a) HPLC UV-254NM

(3) NIST traceable weights are used to verify balance calibration with the preparation of each lot. Concentration of analyte in solution is ug/ml +/- 0.5%, uncertainty based upon balance and Class A volumetric glassware. Weights are corrected for analytes less than 98% pure.

Elwood Doughty
QA Manager

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Certificate of Analysis

Semi-Volatiles Internal Standard Mixture

Product Number: US-108N **Page:** 1 of 1

Lot Number: CH-1761 **Lot Issue Date:** 02-Jun-2011 **Expiration Date:** 30-Jun-2014

This Certified Reference Material (RM) was manufactured and verified in accordance with ULTRA's ISO 9001 registered quality system, and the analyte concentrations were verified by our ISO 17025 accredited laboratory. The true value and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	True Value
acenaphthene-d10	015067-26-2	RM01458/PR-19991	4013 ± 20 µg/mL
chrysene-d12	001719-03-5	RM01460/Z421P15	4013 ± 20 µg/mL
1,4-dichlorobenzene-d4	003855-82-1	RM01700/PR-12866	4013 ± 20 µg/mL
naphthalene-d8	001146-65-2	RM01459/PR-19724	4013 ± 20 µg/mL
perylene-d12	001520-96-3	RM01461/P199BP2	4014 ± 20 µg/mL
phenanthrene-d10	001517-22-2	RM01462/PR-19222	4013 ± 20 µg/mL

Matrix: methylene chloride (dichloromethane)

Storage: Store at Room Temperature (18-25° C)

ULTRA uses balances calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z-540-1 and ISO 9001, and calibrated Class A glassware in the manufacturing of these standards.

ACCREDITED
ISO 17025:2005 Accredited A2LA Cert. No. 0861-01
ISO 9001:2008 Registered TUV USA, Inc. Cert. No. 09-100.

250 Smith Street, North Kingstown, RI 02852 USA
401-294-9400 Fax: 295-2330
www.ultrasci.com

William J. Leary
Quality Assurance Manager

Semi-Volatiles Internal Standard Mixture

Print Components

Component Information for US-108N

Analyte	Concentration
acenaphthene-d10	4000 µg/mL
chrysene-d12	4000 µg/mL
1,4-dichlorobenzene-d4	4000 µg/mL
naphthalene-d8	4000 µg/mL
perylene-d12	4000 µg/mL
phenanthrene-d10	4000 µg/mL

Matrix Details

Matrix	methylene chloride (dichloromethane)

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SMIS_00004

US-108N
Lot: CH-1761
Exp: 06/30/2014
ULTRA
1 mL
Semi-Volatiles Internal Standard Mixture
6 analyte(s) at 4000 µg/mL in dichloromethane
For Lab Use Only
250 Smith St, No Kingstown, RI 02852 USA

125 Market Street
New Haven, CT 06513
USA

AccuStandard® Inc.

Tel (203)786-5290
Fax (203)786-5287
www.AccuStandard.com

CERTIFICATE OF ANALYSIS

CATALOG NO: AK-101.0-GCS-BTEX
DESCRIPTION: Gasoline Calibration Standard
LOT: B5040009
SOLVENT: Methanol

EXPIRATION: Apr 5 , 2015
DATE CERTIFIED: Apr 5, 2005
SAMPLE SIZE: disc.
STORAGE CONDITION: Ambient
HAZARDS: HIGHLY FLAMMABLE

Refer to the MSDS for additional safety information

[X] Included on ISO/IEC 17025 Scope of Accreditation
[X] Included on ISO Guide 34 Scope of Accreditation

Component	Cas Number	Purity % (GC/FID)	Prepared Concentration[1] %w/v	Certified Analyte Concentration[2] %w/v
Benzene	71-43-2	0.006	0.008	.000
Toluene	108-88-3	0.027	0.034	.000
Ethylbenzene	100-41-4	0.006	0.008	.000
m+p-Xylene	N/A	0.023	0.029	.000
o-Xylene	95-47-6	0.009	0.012	.000

5 Components

Premium, Regular leaded, and Regular unleaded gasoline mix. The BTEX concentrations were determined analytically.

1. All weights are traceable through NIST, Test No. 822/254480
2. Certified Analyte Concentration = Purity x Prepared Concentration. The Uncertainty associated with the gravimetric values reported on this certificate is ±0.24%. The CRM Uncertainty calculated for this product is ±6%. These values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.
3. A product with a suffix (-1A, -2B, etc. or -01, -02, etc.) on its lot# has had its expiration date extended and is identical to the same lot# without the suffix.

For use in routine laboratory analysis.

Certified by: R. Cooper
Russ Cooper, QC Manager

ULTRA SCIENTIFIC
Analytical Solutions

Certificate of Analysis

Reid 7/6/12

BTEX in Gasoline

Product Number: BTX-3000 **Page:** 1 of 1

Lot Number: S-0681W **Lot Issue Date:** Sep-2010 **Expiration Date:** Oct-2013

This Certified Reference Material (RM) was manufactured and verified in accordance with ULTRA's ISO 9001 registered quality system, and the analyte concentrations were verified by our ISO 17025 accredited laboratory. The true value and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	True Value
tert-butylmethyl ether	001634-04-4	100	108511 ± 543 µg/mL
benzene	000071-43-2	100	5456 ± 27 µg/mL
toluene	000108-88-3	100	23472 ± 117 µg/mL
ethylbenzene	000100-41-4	100	7802 ± 39 µg/mL
o-xylene	000095-47-6	100	9803 ± 49 µg/mL
m/p-xylenes	001330-20-7	100	23364 ± 117 µg/mL
isopropylbenzene	000098-82-8	100	830.1 ± 4.2 µg/mL
naphthalene	000091-20-3	100	1904 ± 10 µg/mL

Matrix: gasoline

Storage: Store at Room Temperature (18-25° C)

ULTRA uses balances calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z-540-1 and ISO 9001, and calibrated Class A glassware in the manufacturing of these standards.

ACCREDITED

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Cert. No. 0851-01

ISO 9001:2008
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www.ultrasci.com

William J. Leary
Quality Assurance Manager

Surrogate

ULTRA SCIENTIFIC
Analytical Solutions

Certificate of Analysis

alpha,alpha,alpha-Trifluorotoluene Solution

Received 11/10/14

Product Number: STS-220N **Page:** 1 of 1

Lot Number: CE-1903A **Lot Issue Date:** 28-Jun-2011 **Expiration Date:** 31-Jul-2014

This Certified Reference Material (RM) was manufactured and verified in accordance with ULTRA's ISO 9001 registered quality system, and the analyte concentrations were verified by our ISO 17025 accredited laboratory. The true value and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	True Value
a,a,a-trifluorotoluene	000098-08-8	TS 11520AS	2010 ± 10 µg/mL

Matrix: methanol (methyl alcohol)

Storage: Store at < 4° C

ULTRA uses balances calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z-540-1 and ISO 9001, and calibrated Class A glassware in the manufacturing of these standards.

A2LA ACCREDITED
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ISO 9001:2008 Registered TUV USA, Inc. Cert. No. 09-1009

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William J. Leary
Quality Assurance Manager

Surrogate

ULTRA SCIENTIFIC
Analytical Standards

Certificate of Analysis

alpha,alpha,alpha-Trifluorotoluene Solution

Product Number: STS-220N **Page:** 1 of 1

Lot Number: CE-1903A **Lot Issue Date:** 28-Jun-2011 **Expiration Date:** 31-Jul-2014

This Certified Reference Material (RM) was manufactured and verified in accordance with ULTRA's ISO 9001 registered quality system, and the analyte concentrations were verified by our ISO 17025 accredited laboratory. The true value and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	True Value
a,a,a-trifluorotoluene	000098-08-8	TS 11520AS	2010 ± 10 µg/mL

Matrix: methanol (methyl alcohol)

Storage: Store at < 4° C

ULTRA uses balances calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z-540-1 and ISO 9001, and calibrated Class A glassware in the manufacturing of these standards.

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William J. Leary
Quality Assurance Manager

3/15/11
TS

RESTEK

Certificate of Analysis

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Fax: (814)353-1309

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

Catalog No. : 30006 **Lot No.:** A076449

Description : VOA Calibration Mix #1

Expiration Date[1]**:** November 2013 **Storage:** Freezer

Elution Order	Compound	CAS #	Percent Purity [2]	Concentration [3] (weight/volume)	% Uncertainty [4] (95% C.L.; K=2)
1	Acetone	67-64-1	99%	5,000.000 ug/ml	+/-0.58 %
2	2-Butanone (MEK)	78-93-3	99%	5,000.000 ug/ml	+/-0.58 %
3	4-Methyl-2-pentanone (MIBK)	108-10-1	99%	5,000.000 ug/ml	+/-0.58 %
4	2-Hexanone	591-78-6	99%	5,000.000 ug/ml	+/-0.58 %
Solvent:	P&T Methanol/Water (90:10)	67-56-1/7732-18-5	99%		

Column:
105m x .53mm x 3.0um
Rtx-502.2 (cat.#10910)

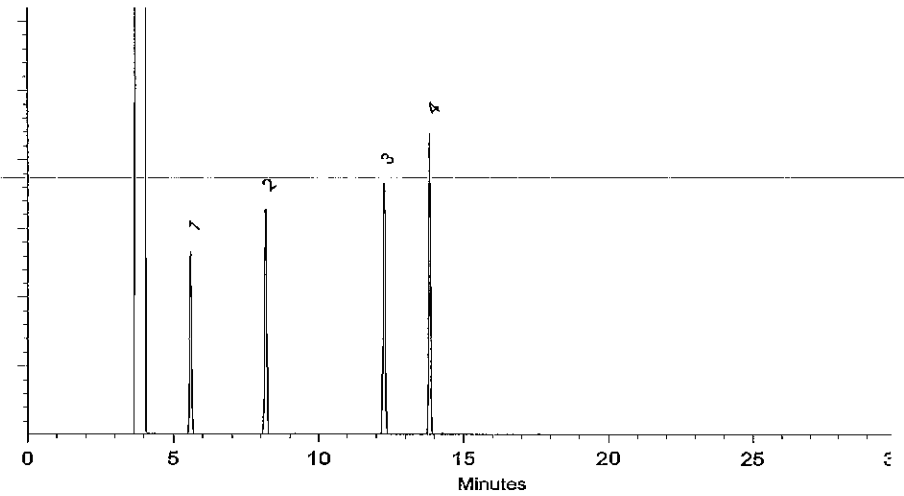
Carrier Gas:
hydrogen-constant pressure 11.0 psi.

Temp. Program:
40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID



Sara Eyster QA Analyst

Date Passed: 25-Aug-2010 **Balance:** 1128353505

Manufactured under Restek's ISO 9001:2008 Registered Quality System Certificate #FM 80397

1 Expiration date of the unopened ampule stored at the recommended storage condition.

2A Purity is determined by one or more of the following techniques: GC/FID, HPLC, GC/ECD, GC/MS. Value is rounded to the nearest whole number. Chemical identity is confirmed using GC/MS. See data pack or contact provider for further details.

2B Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities.

2C The following types of compounds will have a listed purity of less than 99%: Aldehyde/Ketone-DNPH compounds, Bromides, Chlorides, HCL salts, HBR salts, sulfates, hydrates, and other compounds as necessary. The listed purity is a correction factor that is equivalent to the percentage of parent compound in the molecule. This correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution. The concentration listed on the certificate is the concentration of the parent compound in the solution.

2D Purity of isomeric compounds is reported as the sum of the isomers. Value is rounded to the nearest whole number after summation.

3 Based upon gravimetric preparation with balance calibration verified using NIST traceable weights (seven mass levels) and/or class A glassware used for dilutions.

4 Uncertainties determined using data for balances and glassware from measurement systems analysis methodology, raw material purity, and, when significant, equipment tolerances or calibration results.

Certificate of Analysis

8/23/12 TS

DESCRIPTION: Volatile Organic Compounds Mix 6

CATALOG NO.: 48799-U MFG DATE: Mar-2012

LOT NO.: LB91213 EXPIRATION DATE: Jun-2013

SOLVENT: METHANOL

ANALYTE (1)	CAS NUMBER	PERCENT PURITY(2)	WEIGHT(3) CONCENTRATION	ANALYTICAL(4) CONCENTRATION		STD DEV	SUPELCO LOT NO
BROMOMETHANE	74-83-9	99.9 (a)	2000	2041	+/-	35.1	LB68220
CHLOROETHANE	75-00-3	99.9 (a)	2000	2079	+/-	46.9	LB55667
CHLOROMETHANE	74-87-3	99.9	2000	2116	+/-	61.9	LB64986
DICHLORODIFLUOROMETHANE	75-71-8	99.9 (a)	2000	2044	+/-	88.1	LB68837
TRICHLOROFLUOROMETHANE	75-69-4	99.9 (a)	2000	2088	+/-	44.9	LA91320
VINYL CHLORIDE	75-01-4	99.9 (a)	2000	2141	+/-	45.7	LB89571

(1) Listed in alphabetical order.

(2) Determined by capillary GC-FID, unless otherwise noted.
a) GC; detector HALL

(3) NIST traceable weights are used to verify balance calibration with the preparation of each lot. Concentration of analyte in solution is ug/ml +/- 0.5%, uncertainty based upon balance and Class A volumetric glassware. Weights are corrected for analytes less than 98% pure.

(4) Determined by chromatographic analysis against an independently prepared reference lot. Mean of replicate injections.

Elwood Doughty
Quality Control Supervisor

Supelco warrants that its products conform to the information contained in this publication. Purchaser must determine the suitability of the product for its particular use. Please see the latest catalog or order invoice and packing slip for additional terms and conditions of sale.

SUPELCO Analytical
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11/23/11
FS

Certificate of Analysis

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

Catalog No. : 556005 **Lot No.:** A085142

Description : Custom Volatiles Mix 2

Container Size : [5] 2 mL **Pkg Amt:** [5] > 1 mL

Expiration Date : [1] May 2013 **Storage:** 0°C or colder

Elution Order	Compound	CAS #	Percent Purity [2]	Grav. Conc. (weight/volume) [3]	Grav.Uncert. (95% C.L.; K=2) [4]
1	1,1,2-Trichlorotrifluoroethane (CFC-113)	76-13-1	97%	2,500.2 ug/mL	+/- 14.6724 ug/mL
2	1,1-dichloroethene	75-35-4	99%	2,500.0 ug/mL	+/- 17.8402 ug/mL
3	Methyl acetate	79-20-9	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
4	Carbon disulfide	75-15-0	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
5	Methylene chloride (dichloromethane)	75-09-2	99%	2,500.0 ug/mL	+/- 17.8402 ug/mL
6	Methyl-tert-butyl ether (MTBE)	1634-04-4	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
7	cis-1,2-Dichloroethene	156-59-2	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
8	n-Hexane (C6)	110-54-3	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
9	1,1-Dichloroethane	75-34-3	98%	2,500.0 ug/mL	+/- 17.8401 ug/mL
10	trans-1,2-Dichloroethene	156-60-5	99%	2,500.0 ug/mL	+/- 17.8402 ug/mL
11	chloroform	67-66-3	99%	2,500.0 ug/mL	+/- 17.8402 ug/mL
12	1,1,1-trichloroethane	71-55-6	99%	2,500.0 ug/mL	+/- 17.8402 ug/mL
13	Cyclohexane	110-82-7	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
14	carbon tetrachloride	56-23-5	99%	2,500.0 ug/mL	+/- 17.8402 ug/mL
15	1,2-Dichloroethane	107-06-2	99%	2,500.0 ug/mL	+/- 17.8402 ug/mL
16	Benzene	71-43-2	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
17	Trichloroethene	79-01-6	99%	2,500.0 ug/mL	+/- 17.8402 ug/mL
18	Methylcyclohexane	108-87-2	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
19	1,2-Dichloropropane	78-87-5	99%	2,500.0 ug/mL	+/- 17.8402 ug/mL
20	bromodichloromethane	75-27-4	98%	2,500.0 ug/mL	+/- 17.8401 ug/mL
21	cis-1,3-Dichloropropene	10061-01-5	97%	2,500.0 ug/mL	+/- 17.8401 ug/mL
22	Toluene	108-88-3	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
23	trans-1,3-Dichloropropene	10061-02-6	99%	2,500.0 ug/mL	+/- 17.8402 ug/mL
24	1,1,2-Trichloroethane	79-00-5	98%	2,500.0 ug/mL	+/- 17.8401 ug/mL
25	Tetrachloroethene	127-18-4	99%	2,500.0 ug/mL	+/- 17.8402 ug/mL
26	dibromochloromethane	124-48-1	99%	2,500.0 ug/mL	+/- 17.8402 ug/mL
27	1,2-Dibromoethane (EDB)	106-93-4	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
28	Chlorobenzene	108-90-7	99%	2,500.0 ug/mL	+/- 17.8402 ug/mL
29	Ethylbenzene	100-41-4	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
30	m-Xylene	108-38-3	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
31	p-Xylene	106-42-3	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
32	o-Xylene	95-47-6	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
33	Styrene	100-42-5	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL

11/22/11 TS

RESTEK

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Certificate of Analysis

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

Catalog No. : 563136 **Lot No.:** A085140

Description : Custom Revised Supplemental Spike Mix

Container Size : [5] 2 mL **Pkg Amt:** [5] > 1 mL

Expiration Date : [1] November 2016 **Storage:** 0°C or colder

Elution Order	Compound	CAS #	Percent Purity [2]	Grav. Conc. (weight/volume) [3]	Grav.Uncert. (95% C.L.; K=2) [4]
1	Diethyl ether (ethyl ether)	60-29-7	98%	2,500.2 ug/mL	+/- 14.6724 ug/mL
2	tert-Butanol (TBA)	75-65-0	99%	50,001.6 ug/mL	+/- 292.755 ug/mL
3	Iodomethane (methyl iodide)	74-88-4	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
4	Diisopropyl ether (DIPE)	108-20-3	99%	2,500.4 ug/mL	+/- 14.6737 ug/mL
5	2,2-Dichloropropane	594-20-7	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
6	Isobutanol (2-Methyl-1-propanol)	78-83-1	99%	125,004.4 ug/mL	+/- 731.89 ug/mL
7	Bromochloromethane	74-97-5	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
8	Tetrahydrofuran	109-99-9	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
9	1,1-Dichloropropene	563-58-6	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
10	Dibromomethane	74-95-3	98%	2,500.2 ug/mL	+/- 14.6724 ug/mL
11	1,3-Dichloropropane	142-28-9	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
12	1,1,1,2-Tetrachloroethane	630-20-6	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
13	1,2,3-Trichloropropane	96-18-4	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
14	trans-1,4-dichloro-2-butene	110-57-6	98%	5,008.2 ug/mL	+/- 29.3241 ug/mL
15	n-Propylbenzene	103-65-1	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
16	Bromobenzene	108-86-1	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
17	1,3,5-Trimethylbenzene	108-67-8	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
18	2-Chlorotoluene	95-49-8	99%	2,501.2 ug/mL	+/- 14.6784 ug/mL
19	4-Chlorotoluene	106-43-4	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
20	tert-Butylbenzene	98-06-6	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
21	1,2,4-Trimethylbenzene	95-63-6	99%	2,500.4 ug/mL	+/- 14.6737 ug/mL
22	sec-Butylbenzene	135-98-8	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
23	4-Isopropyltoluene (p-Cymene)	99-87-6	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
24	1,2,3-Trimethylbenzene	526-73-8	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
25	n-Butylbenzene	104-51-8	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
26	Hexachlorobutadiene	87-68-3	98%	2,500.2 ug/mL	+/- 14.6724 ug/mL
27	Naphthalene	91-20-3	99%	2,500.0 ug/mL	+/- 14.6714 ug/mL
28	1,2,3-Trichlorobenzene	87-61-6	99%	2,500.4 ng/mL	+/- 14.6737 ug/mL

Certificate of Analysis

6/2/12
TS

DESCRIPTION: 8260 Ketones Mix

CATALOG NO.: 861149 MFG DATE: Jun-2011

LOT NO.: LB85301 EXPIRATION DATE: Nov-2013

SOLVENT: METHANOL:WATER (30:70)

ANALYTE (1)	CAS NUMBER	PERCENT PURITY(2)	WEIGHT(3) CONCENTRATION	ANALYTICAL(4) CONCENTRATION	STD DEV	SUPELCO LOT NO
ACETONE	67-64-1	99.9	2000	1891	+/- 75.1	LB60265
CYCLOHEXANONE	108-94-1	99.5	20002	18806	+/- 673.6	LB67851
2-BUTANONE	78-93-3	99.9	2001	1888	+/- 78.2	LB38154
2-HEXANONE	591-78-6	99.9	2001	1877	+/- 70.9	LB57500
4-METHYL-2-PENTANONE	108-10-1	99.9	2001	1910	+/- 71.4	LB80301

VM 861149_ 00015

(1) Listed in alphabetical order.

(2) Determined by capillary GC-FID, unless otherwise noted.

(3) NIST traceable weights are used to verify balance calibration with the preparation of each lot. Concentration of analyte in solution is ug/ml +/- 0.5%, uncertainty based upon balance and Class A volumetric glassware. Weights are corrected for analytes less than 98% pure.

(4) Determined by chromatographic analysis against an independently prepared reference lot. Mean of replicate injections.

Elwood Doughty
Quality Control Supervisor

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Product Number: CUS-12302 **Page:** 1 of 2

Lot Number: CJ-3239 **Lot Issue Date:** 24-Aug-2012 **Expiration Date:** 30-Sep-2014

This certified Reference Material (RM) was manufactured and verified in accordance with ULTRA Scientific's ISO 9001 registered quality system. A review of the gravimetric preparation data by our ISO 17025 accredited laboratory serves to verify the concentration of each analyte. The true value and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	True Value
allyl chloride	000107-05-1	NT00409	50.3 ± 0.3 µg/mL
dichlorofluoromethane	000075-43-4	rm05287	50.2 ± 0.3 µg/mL
isopropyl ether	000108-20-3	RM04345	251.3 ± 1.3 µg/mL
chloroprene	000126-99-8	rm03863	50.0 ± 0.3 µg/mL
n-butyl alcohol	000071-36-3	RM01319	1005 ± 5 µg/mL
propionitrile	000107-12-0	RM05687	100.5 ± 0.5 µg/mL
methacrylonitrile	000126-98-7	RM05541	50.2 ± 0.3 µg/mL
isobutyl alcohol	000078-83-1	RM00981	1005 ± 5 µg/mL
methyl methacrylate	000080-62-6	RM00686	50.3 ± 0.3 µg/mL
diethyl ether	000060-29-7	RM04318	50.3 ± 0.3 µg/mL
ethyl acetate	000141-78-6	RM01211	100.4 ± 0.5 µg/mL
2-nitropropane	000079-46-9	RM02410	100.5 ± 0.5 µg/mL
cyclohexanone	000108-94-1	RM00480	502.4 ± 2.5 µg/mL
ETBE	000637-92-3	RM05301	50.3 ± 0.3 µg/mL
TAME	000994-05-8	RM00554	50.3 ± 0.3 µg/mL
1,2,3-trimethylbenzene	000526-73-8	RM00843	50.3 ± 0.3 µg/mL
n-heptane	000142-82-5	RM04192	50.0 ± 0.3 µg/mL
n-butyl acetate	000123-86-4	RM01217	100.2 ± 0.5 µg/mL

ULTRA uses balances calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z-540-1 and ISO 9001, and calibrated Class A glassware in the manufacturing of these standards.

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Product Number: CUS-12302 **Page:** 2 of 2

Lot Number: CJ-3239 **Lot Issue Date:** 24-Aug-2012 **Expiration Date:** 30-Sep-2014

This certified Reference Material (RM) was manufactured and verified in accordance with ULTRA Scientific's ISO 9001 registered quality system. A review of the gravimetric preparation data by our ISO 17025 accredited laboratory serves to verify the concentration of each analyte. The true value and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Matrix: methanol (methyl alcohol)

Storage: Store at < 4° C

ULTRA uses balances calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z-540-1 and ISO 9001, and calibrated Class A glassware in the manufacturing of these standards.

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Product Number: CUS-5013 **Page:** 1 of 1

Lot Number: CJ-3443 **Lot Issue Date:** 13-Sep-2012 **Expiration Date:** 31-Jan-2013

This certified Reference Material (RM) was manufactured and verified in accordance with ULTRA Scientific's ISO 9001 registered quality system. A review of the gravimetric preparation data by our ISO 17025 accredited laboratory serves to verify the concentration of each analyte. The true value and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	True Value
vinyl acetate	000108-05-4	RM04478	2507 ± 13 µg/mL
methyl acetate	000079-20-9	NT02091	2505 ± 13 µg/mL

Matrix: methanol (methyl alcohol)

Storage: Store at < 4° C

ULTRA uses balances calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z-540-1 and ISO 9001, and calibrated Class A glassware in the manufacturing of these standards.

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Product Number: CUS-7814 **Page:** 1 of 4

Lot Number: CJ-0210 **Lot Issue Date:** 24-Jan-2012 **Expiration Date:** 28-Feb-2014

This Certified Reference Material (RM) was manufactured and verified in accordance with ULTRA Scientific's ISO 9001 registered quality system. A review of the gravimetric preparation data by our ISO 17025 accredited laboratory serves to verify the concentration of each analyte. The true value and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	True Value
1,1,2-trichlorotrifluoroethane	000076-13-1	1367777	50.2 ± 0.3 µg/mL
methyl iodide	000074-88-4	13302PC	50.2 ± 0.3 µg/mL
carbon disulfide	000075-15-0	AI-12071LU	50.2 ± 0.3 µg/mL
methylene chloride	000075-09-2	48248	50.2 ± 0.3 µg/mL
tert-butanol	000075-65-0	RM00555-0	1005 ± 5 µg/mL
1,1-dichloroethene	000075-35-4	02226CH	50.2 ± 0.3 µg/mL
1,1-dichloroethane	000075-34-3	64552/1	50.2 ± 0.3 µg/mL
trans-1,2-dichloroethene	000156-60-5	01306HD	50.2 ± 0.3 µg/mL
MTBE	001634-04-4	45123	50.2 ± 0.3 µg/mL
n-hexane	000110-54-3	4120791	50.2 ± 0.3 µg/mL
cis-1,2-dichloroethene	000156-59-2	MKBB9714	50.2 ± 0.3 µg/mL
tetrahydrofuran	000109-99-9	04928DN	50.2 ± 0.3 µg/mL
chloroform	000067-66-3	05143MN	50.2 ± 0.3 µg/mL
1,2-dichloroethane	000107-06-2	KN-09446KN	50.2 ± 0.3 µg/mL
dibromomethane	000074-95-3	EM-01514TJ	50.2 ± 0.3 µg/mL
1,4-dioxane	000123-91-1	RM02104-01	2501 ± 13 µg/mL
1,1,1-trichloroethane	000071-55-6	LU-13149TR	50.2 ± 0.3 µg/mL
carbon tetrachloride	000056-23-5	01704MF	50.2 ± 0.3 µg/mL
bromodichloromethane	000075-27-4	10529HD	50.2 ± 0.3 µg/mL

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Product Number: CUS-7814 **Page:** 2 of 4

Lot Number: CJ-0210 **Lot Issue Date:** 24-Jan-2012 **Expiration Date:** 28-Feb-2014

This Certified Reference Material (RM) was manufactured and verified in accordance with ULTRA Scientific's ISO 9001 registered quality system. A review of the gravimetric preparation data by our ISO 17025 accredited laboratory serves to verify the concentration of each analyte. The true value and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

1,2-dichloropropane	000078-87-5	DC-120777	50.2 ± 0.3 µg/mL
cis-1,3-dichloropropene	010061-01-5	PR-110509-01	50.2 ± 0.3 µg/mL
trichloroethene	000079-01-6	KN-08846KN	50.2 ± 0.3 µg/mL
dibromochloromethane	000124-48-1	MU-07705AN	50.2 ± 0.3 µg/mL
1,2-dibromoethane	000106-93-4	TB-101777	50.2 ± 0.3 µg/mL
1,2,3-trichloropropane	000096-18-4	01610KH	50.2 ± 0.3 µg/mL
1,1,2-trichloroethane	000079-00-5	JB-0701HH	50.2 ± 0.3 µg/mL
benzene	000071-43-2	34097	50.2 ± 0.3 µg/mL
ethyl methacrylate	000097-63-2	04004EH	50.2 ± 0.3 µg/mL
trans-1,3-dichloropropene	010061-02-6	SR101007-01	50.2 ± 0.3 µg/mL
bromoform	000075-25-2	12312KC	50.2 ± 0.3 µg/mL
tetrachloroethene	000127-18-4	PS-00344BR	50.2 ± 0.3 µg/mL
toluene	000108-88-3	47144	50.2 ± 0.3 µg/mL
1,1,2,2-tetrachloroethane	000079-34-5	10917TB	50.2 ± 0.3 µg/mL
chlorobenzene	000108-90-7	07774MG	50.2 ± 0.3 µg/mL
ethylbenzene	000100-41-4	01558CC	50.2 ± 0.3 µg/mL
styrene	000100-42-5	LR-11228MQ	50.2 ± 0.3 µg/mL
trans-1,4-dichloro-2-butene	000110-57-6	17013BH	50.2 ± 0.3 µg/mL
m-xylene	000108-38-3	DI-00459CI	50.2 ± 0.3 µg/mL

ULTRA uses balances calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z-540-1 and ISO 9001, and calibrated Class A glassware in the manufacturing of these standards.

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Product Number: CUS-7814 **Page:** 3 of 4

Lot Number: CJ-0210 **Lot Issue Date:** 24-Jan-2012 **Expiration Date:** 28-Feb-2014

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p-xylene	000106-42-3	03747LN	50.2 ± 0.3 µg/mL
o-xylene	000095-47-6	DO-06834CO	50.2 ± 0.3 µg/mL
1,3-dichlorobenzene	000541-73-1	JN-05902LZ	50.2 ± 0.3 µg/mL
1,4-dichlorobenzene	000106-46-7	22628EB	50.2 ± 0.3 µg/mL
1,2-dichlorobenzene	000095-50-1	08946KY	50.2 ± 0.3 µg/mL
bromochloromethane	000074-97-5	JS-16015HS	50.2 ± 0.3 µg/mL
bromobenzene	000108-86-1	CG-02513MF	50.2 ± 0.3 µg/mL
isopropylbenzene	000098-82-8	02827BH	50.2 ± 0.3 µg/mL
n-propylbenzene	000103-65-1	LO-14503MR	50.2 ± 0.3 µg/mL
n-butylbenzene	000104-51-8	AA-28519CO	50.2 ± 0.3 µg/mL
sec-butylbenzene	000135-98-8	07610JE	50.2 ± 0.3 µg/mL
tert-butylbenzene	000098-06-6	MQ-04010MQ	50.2 ± 0.3 µg/mL
1,2,4-trimethylbenzene	000095-63-6	BO-13528BI	50.2 ± 0.3 µg/mL
1,3,5-trimethylbenzene	000108-67-8	KM-02011HM	50.2 ± 0.3 µg/mL
1,2,3-trichlorobenzene	000087-61-6	12912PF	50.2 ± 0.3 µg/mL
1,2,4-trichlorobenzene	000120-82-1	00334TQ	50.2 ± 0.3 µg/mL
1,1-dichloropropene	000563-58-6	PR-11130-8	50.2 ± 0.3 µg/mL
1,3-dichloropropane	000142-28-9	PR-17916MR	50.2 ± 0.3 µg/mL
2,2-dichloropropane	000594-20-7	03503TD	50.2 ± 0.3 µg/mL

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Product Number: CUS-7814 **Page:** 4 of 4

Lot Number: CJ-0210 **Lot Issue Date:** 24-Jan-2012 **Expiration Date:** 28-Feb-2014

This Certified Reference Material (RM) was manufactured and verified in accordance with ULTRA Scientific's ISO 9001 registered quality system. A review of the gravimetric preparation data by our ISO 17025 accredited laboratory serves to verify the concentration of each analyte. The true value and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

2-chlorotoluene	000095-49-8	KZ-03621HX	50.2 ± 0.3 µg/mL
4-chlorotoluene	000106-43-4	03327TH	50.2 ± 0.3 µg/mL
4-isopropyltoluene	000099-87-6	PP-05104CP	50.2 ± 0.3 µg/mL
1,2-dibromo-3-chloropropane	000096-12-8	FBL-01	50.2 ± 0.3 µg/mL
hexachlorobutadiene	000087-68-3	339923/1	50.1 ± 0.3 µg/mL
1,1,1,2-tetrachloroethane	000630-20-6	10312DD	50.2 ± 0.3 µg/mL
naphthalene	000091-20-3	14205KB	50.2 ± 0.3 µg/mL
methyl acetate	000079-20-9	16318HA	50.2 ± 0.3 µg/mL
methylcyclohexane	000108-87-2	02348HD	50.2 ± 0.3 µg/mL
cyclohexane	000110-82-7	46184	50.2 ± 0.3 µg/mL
1,3,5-trichlorobenzene	000108-70-3	HW-00718EV	50.2 ± 0.3 µg/mL

Matrix: methanol (methyl alcohol)

Storage: Store at < 4° C

ULTRA uses balances calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z-540-1 and ISO 9001, and calibrated Class A glassware in the manufacturing of these standards.

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Product Number: CUS-8125 **Page:** 1 of 1

Lot Number: CG-3334 **Lot Issue Date:** Sep-2010 **Expiration Date:** Oct-2012

This Certified Reference Material (RM) was manufactured and verified in accordance with ULTRA's ISO 9001 registered quality system, and the analyte concentrations were verified by our ISO 17025 accredited laboratory. The true value and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	True Value
4-bromofluorobenzene	000460-00-4	01127CO	25046 ± 125 µg/mL
dibromofluoromethane	001868-53-7	RM01021	25120 ± 126 µg/mL
1,2-dichloroethane-d4	017060-07-0	9H-136	25058 ± 125 µg/mL
toluene-d8	002037-26-5	E90P1	25096 ± 125 µg/mL

Matrix: methanol (methyl alcohol)

Storage: Store at < 4° C

VM CUS 8125- 00007

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Product Number: CUS-8126 **Page:** 1 of 1

Lot Number: CJ-3237 **Lot Issue Date:** 23-Aug-2012 **Expiration Date:** 30-Sep-2014

This certified Reference Material (RM) was manufactured and verified in accordance with ULTRA Scientific's ISO 9001 registered quality system. A review of the gravimetric preparation data by our ISO 17025 accredited laboratory serves to verify the concentration of each analyte. The true value and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	True Value
chlorobenzene-d5	003114-55-4	RM05018	25079 ± 125 µg/mL
1,4-dichlorobenzene-d4	003855-82-1	RM05021	25046 ± 125 µg/mL
fluorobenzene	000462-06-6	RM03366	25081 ± 125 µg/mL

Matrix: methanol (methyl alcohol)

Storage: Store at Room Temperature (18-25° C)

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Product Number: CUS-8634 **Page:** 1 of 1

Lot Number: CJ-3453 **Lot Issue Date:** 13-Sep-2012 **Expiration Date:** 31-Jan-2013

This certified Reference Material (RM) was manufactured and verified in accordance with ULTRA Scientific's ISO 9001 registered quality system. A review of the gravimetric preparation data by our ISO 17025 accredited laboratory serves to verify the concentration of each analyte. The true value and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	True Value
acrylonitrile	000107-13-1	RM05172	5015 ± 25 µg/mL
acetonitrile	000075-05-8	RM01645	25035 ± 125 µg/mL
acrolein	000107-02-8	RM01532	25058 ± 125 µg/mL

Matrix: methanol (methyl alcohol)

Storage: Store at < 4° C

ULTRA uses balances calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z-540-1 and ISO 9001, and calibrated Class A glassware in the manufacturing of these standards.

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VOC Gas Mixture

Product Number: DWM-544 **Page:** 1 of 1

Lot Number: CJ-0858 **Lot Issue Date:** 15-Mar-2012 **Expiration Date:** 30-Apr-2015

This certified Reference Material (RM) was manufactured and verified in accordance with ULTRA's ISO 9001 registered quality system, and the analyte concentrations were verified by our ISO 17025 accredited laboratory. The true value and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	True Value
bromomethane	000074-83-9	06623AQ	2008 ± 10 µg/mL
chloroethane	000075-00-3	00223KG	2009 ± 10 µg/mL
chloromethane	000074-87-3	07-44048	2008 ± 10 µg/mL
dichlorodifluoromethane	000075-71-8	Q96-67	2008 ± 10 µg/mL
trichlorofluoromethane	000075-69-4	DR-16417BR	2006 ± 10 µg/mL
vinyl chloride	000075-01-4	1201FC10	2008 ± 10 µg/mL

Matrix: methanol (methyl alcohol)

Storage: Store at < 4° C

VM DWM544_00011

ULTRA uses balances calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z-540-1 and ISO 9001, and calibrated Class A glassware in the manufacturing of these standards.

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2-Chloroethylvinyl Ether Solution

Product Number: EPA-1016 **Page:** 1 of 1

Lot Number: CG-0850 **Lot Issue Date:** Mar-2010 **Expiration Date:** Apr-2013

This Certified Reference Material (RM) was manufactured and verified in accordance with ULTRA's ISO 9001 registered quality system, and the analyte concentrations were verified by our ISO 17025 accredited laboratory. The true value and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	True Value
2-chloroethylvinyl ether	000110-75-8	04606CJ	5015 ± 25 µg/mL

Matrix: methanol (methyl alcohol)

VMGPA1016_ 00003

ULTRA uses balances calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z-540-1 and ISO 9001, and calibrated Class A glassware in the manufacturing of these standards.

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5-15-12

Internal Standard Mixture

Product Number: STM-520 **Page:** 1 of 1

Lot Number: CH-3660 **Lot Issue Date:** 15-Nov-2011 **Expiration Date:** 31-Dec-2014

This Certified Reference Material (RM) was manufactured and verified in accordance with ULTRA's ISO 9001 registered quality system, and the analyte concentrations were verified by our ISO 17025 accredited laboratory. The true value and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	True Value
chlorobenzene-d5	003114-55-4	RM01430-01	2503 ± 13 µg/mL
1,4-dichlorobenzene-d4	003855-82-1	RM01700-06	2500 ± 13 µg/mL
fluorobenzene	000462-06-6	RM03366-01	2513 ± 13 µg/mL

Matrix: methanol (methyl alcohol)

Storage: Store at < 4° C

VMSTM520_00016

ULTRA uses balances calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z-540-1 and ISO 9001, and calibrated Class A glassware in the manufacturing of these standards.

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RECD 5-15-12

Method 8260 Surrogate Standard Mixture

Product Number: STM-530 **Page:** 1 of 1

Lot Number: CJ-1280 **Lot Issue Date:** 17-Apr-2012 **Expiration Date:** 31-May-2015

This certified Reference Material (RM) was manufactured and verified in accordance with ULTRA's ISO 9001 registered quality system, and the analyte concentrations were verified by our ISO 17025 accredited laboratory. The true value and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	True Value
4-bromofluorobenzene	000460-00-4	RM03908-	2512 ± 13 µg/mL
dibromofluoromethane	001868-53-7	RM04871-01	2512 ± 13 µg/mL
1,2-dichloroethane-d4	017060-07-0	RM04304-	2512 ± 13 µg/mL
toluene-d8	002037-26-5	RM04138-	2512 ± 13 µg/mL

Matrix: methanol (methyl alcohol)

Storage: Store at < 4° C

VMSTM530_ 00014

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Certificate of Analysis

ULTRA SCIENTIFIC
Analytical Solutions

Method 8260 Surrogate Standard Mixture

Product Number: STM-530 **Page:** 1 of 1

Lot Number: CJ-1280 **Lot Issue Date:** 17-Apr-2012 **Expiration Date:** 31-May-2015

This certified Reference Material (RM) was manufactured and verified in accordance with ULTRA's ISO 9001 registered quality system, and the analyte concentrations were verified by our ISO 17025 accredited laboratory. The true value and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	True Value
4-bromofluorobenzene	000460-00-4	RM03908-	2512 ± 13 µg/mL
dibromofluoromethane	001868-53-7	RM04871-01	2512 ± 13 µg/mL
1,2-dichloroethane-d4	017060-07-0	RM04304-	2512 ± 13 µg/mL
toluene-d8	002037-26-5	RM04138-	2512 ± 13 µg/mL

Matrix: methanol (methyl alcohol)

Storage: Store at < 4° C

ULTRA uses balances calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z-540-1 and ISO 9001, and calibrated Class A glassware in the manufacturing of these standards.

ACCREDITED
ISO 17025:2005 Accredited A2LA Cert. No. 0851-01
ISO 9001:2008 Registered TUV USA, Inc. Cert. No. 09-1009

250 Smith Street, North Kingstown, RI 02852 USA
401-294-9400 Fax: 295-2330
wwww.ultrasci.com

William J. Leary
Quality Assurance Manager

ULTRA SCIENTIFIC
Analytical Solutions

Certificate of Analysis

RECD
5-15-M

2-Methylnaphthalene Solution

Product Number: SV-200 **Page:** 1 of 1

Lot Number: CC-1268Z **Lot Issue Date:** 15-Jul-2011 **Expiration Date:** 31-Aug-2014

This Certified Reference Material (RM) was manufactured and verified in accordance with ULTRA's ISO 9001 registered quality system, and the analyte concentrations were verified by our ISO 17025 accredited laboratory. The true value and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	True Value
2-methylnaphthalene	000091-57-6	15416DA	100.4 ± 0.5 µg/mL

Matrix: methanol (methyl alcohol)

Storage: Store at Room Temperature (18-25° C)

VMSV200_00008

ULTRA uses balances calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z-540-1 and ISO 9001, and calibrated Class A glassware in the manufacturing of these standards.

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ISO 17025:2005 Accredited A2LA Cert. No. 0851-01
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William J. Leary
Quality Assurance Manager

RESTEK

Certificate of Analysis

110 Benner Circle
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Tel: (800)356-1688
Fax: (814)353-1309

Recvd 3/11/11 Scanned 4/19/11

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

Catalog No. : 33905 **Lot No.:** A078069

Description : 8330 Calibration Standard

Container Size : [5] 2 mL **Pkg Amt:** [5] > 1 mL

Expiration Date : [1] June 2014 **Storage:** 10°C or colder

Elution Order	Compound	CAS #	Percent Purity [2]	Grav. Conc. (weight/volume) [3]	% Grav.Uncert. (95% C.L.; K=2) [4]
1	HMX	2691-41-0	99%	1,000.0 ug/ml	+/-0.59 %
2	RDX	121-82-4	98%	999.6 ug/ml	+/-0.59 %
3	1,3,5-Trinitrobenzene	99-35-4	99%	1,000.0 ug/ml	+/-0.59 %
4	1,3-Dinitrobenzene	99-65-0	97%	1,000.1 ug/ml	+/-0.59 %
5	Nitrobenzene	98-95-3	99%	1,000.0 ug/ml	+/-0.59 %
6	Tetryl	479-45-8	99%	1,000.0 ug/ml	+/-0.59 %
7	2,4,6-Trinitrotoluene	118-96-7	98%	999.6 ug/ml	+/-0.59 %
8	2-Amino-4,6-dinitrotoluene	35572-78-2	99%	1,000.0 ug/ml	+/-0.59 %
9	4-Amino-2,6-dinitrotoluene	19406-51-0	98%	999.6 ug/ml	+/-0.59 %
10	2,4-Dinitrotoluene	121-14-2	99%	1,000.0 ug/ml	+/-0.59 %
11	2,6-Dinitrotoluene	606-20-2	99%	1,000.0 ug/ml	+/-0.59 %
12	2-Nitrotoluene	88-72-2	99%	1,000.0 ug/ml	+/-0.59 %
13	4-Nitrotoluene	99-99-0	99%	1,000.0 ug/ml	+/-0.59 %
14	3-Nitrotoluene	99-08-1	99%	1,000.0 ug/ml	+/-0.59 %
Solvent:	Acetonitrile	75-05-8	99%		

Column:
250mm x 4.6mm
Ultra C18 (cat.# 9174575)

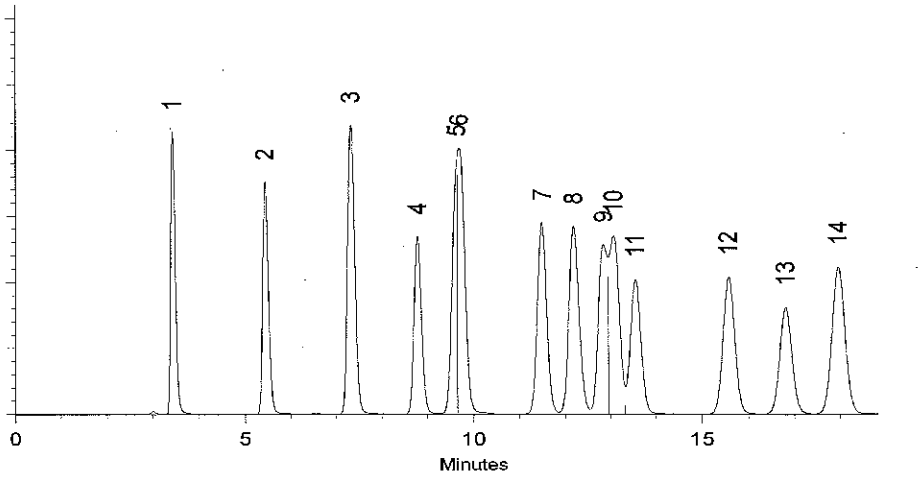
Flow Rate:
1.0 ml/min.

Mobile Phase A:
water:methanol (44:56 V/V)

Mobile Phase B:

Mobile Phase Comp

Det. Type:
Wavelength: 210 nm



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Certificate of Analysis

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

Catalog No. : 31452 **Lot No.:** A082463

Description : 8330 Internal Standard Mix

SV Mix, 8000 Series Method, 8330 Internal Std, 3,4-dinitrotoluene, 1,000µg/ml, Methanol, 1ml/ampule

Container Size : [5] 2 mL **Pkg Amt:** [5] > 1 mL

Expiration Date : [1] June 2016 **Storage:** 10°C or colder

Elution Order	Compound	CAS #	Percent Purity [2]	Grav. Conc. (weight/volume) [3]	Grav.Uncert. (95% C.L., K=2) [4]
1	3,4-Dinitrotoluene	610-39-9	99%	1,000.0 ug/mL	+/- 5.9 ug/mL
Solvent:	Methanol	67-56-1	99%		

Column:
250mm x 4.6mm
Ultra C18 (cat.# 9174575)

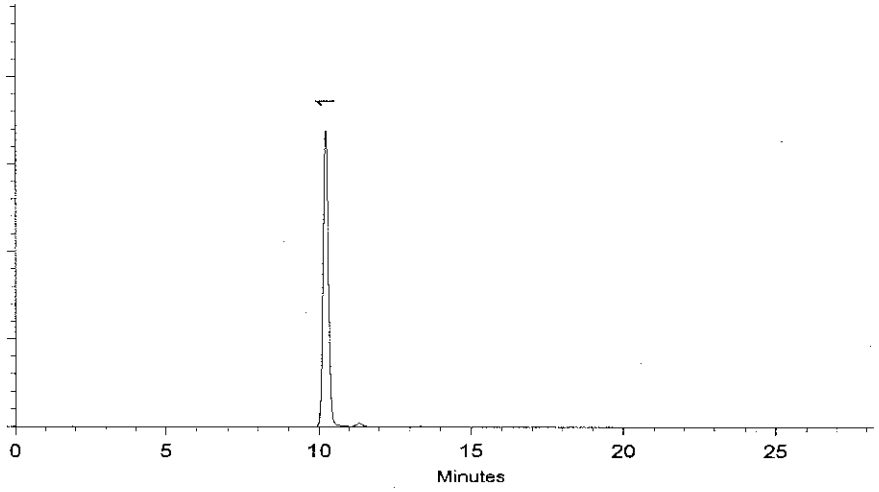
Flow Rate:
1.0 ml/min.

Mobile Phase A:
water:methanol (44:56 V/V)

Mobile Phase B:

Mobile Phase Comp

Det. Type:
Wavelength: 210 nm



Rcvd 11/5/12

John Lidgett - QA Analyst

Date Passed: 23-Jun-2011 **Balance:** 1125113331

Manufactured under Restek's ISO 9001:2008 Registered Quality System Certificate #FM 80397

1 Expiration date of the unopened ampule stored at the recommended storage condition is the last day of the month listed.

2A Purity and chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/ECD, GC/MS. Purity value is rounded to the nearest whole number. See data pack or contact Restek for further details.

2B Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities.

2C The following types of compounds will have a listed purity of less than 99%: Aldehyde/Ketone-DNPH compounds, Bromides, Chlorides, HCL salts, HBR salts, sulfates, hydrates, and other compounds as necessary. The listed purity is a correction factor that is equivalent to the percentage of parent compound in the molecule. This correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution. The concentration listed on the certificate is the concentration of the parent compound in the solution.

2D Purity of isomeric compounds is reported as the sum of the isomers. Value is rounded to the nearest whole number after summation.

3 Based upon gravimetric preparation with balance calibration verified using NIST traceable weights (seven mass levels) and/or class A glassware used for dilutions.

4 Uncertainties determined using data for balances and glassware from measurement systems analysis methodology, raw material purity, and, when significant, equipment tolerances or calibration results.

5A Containers are overfilled to ensure the packaged amount, as a minimum.

5B Restek supplies deactivated vials along with most standards packed in 2 mL ampules, for the handling and storage of standards. Due to space constraints, Restek does not supply vials for larger volume ampules. Samples should be transferred into deactivated vials for handling and storage. Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31840, which includes complete instructions. Restek will also deactivate larger volume vials from our inventory, as a custom ordered item. Contact your Restek sales or customer service representative for details.

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Certificate of Analysis

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

Catalog No. : 31452 **Lot No.:** A082463

Description : 8330 Internal Standard Mix

SV Mix, 8000 Series Method, 8330 Internal Std, 3,4-dinitrotoluene, 1,000µg/ml, Methanol, 1ml/ampule

Container Size : [5] 2 mL **Pkg Amt:** [5] > 1 mL

Expiration Date : [1] June 2016 **Storage:** 10°C or colder

Elution Order	Compound	CAS #	Percent Purity [2]	Grav. Conc. (weight/volume) [3]	Grav.Uncert. (95% C.L., K=2) [4]
1	3,4-Dinitrotoluene	610-39-9	99%	1,000.0 ug/mL	+/- 5.9 ug/mL
Solvent:	Methanol	67-56-1	99%		

Column:
250mm x 4.6mm
Ultra C18 (cat.# 9174575)

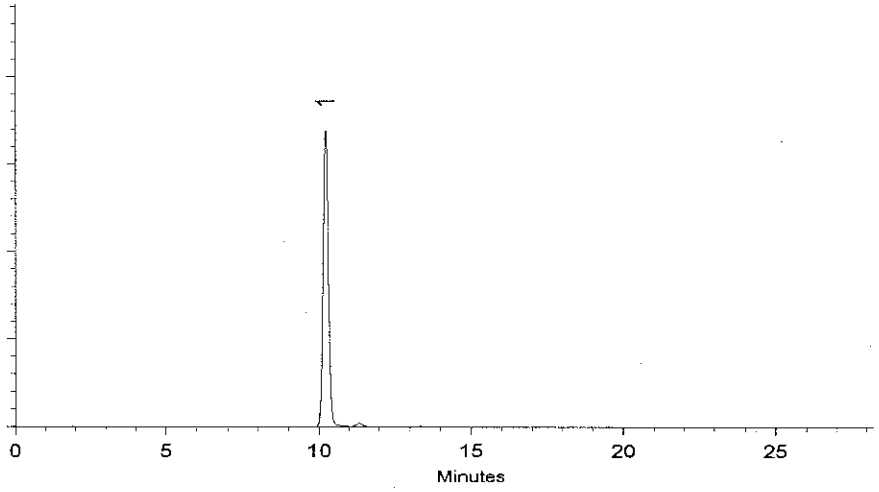
Flow Rate:
1.0 ml/min.

Mobile Phase A:
water:methanol (44:56 V/V)

Mobile Phase B:

Mobile Phase Comp

Det. Type:
Wavelength: 210 nm



Rcvd 11/5/12

John Lidgett - QA Analyst

Date Passed: 23-Jun-2011 **Balance:** 1125113331

Manufactured under Restek's ISO 9001:2008 Registered Quality System Certificate #FM 80397

1 Expiration date of the unopened ampule stored at the recommended storage condition is the last day of the month listed.

2A Purity and chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/ECD, GC/MS. Purity value is rounded to the nearest whole number. See data pack or contact Restek for further details.

2B Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities.

2C The following types of compounds will have a listed purity of less than 99%: Aldehyde/Ketone-DNPH compounds, Bromides, Chlorides, HCL salts, HBR salts, sulfates, hydrates, and other compounds as necessary. The listed purity is a correction factor that is equivalent to the percentage of parent compound in the molecule. This correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution. The concentration listed on the certificate is the concentration of the parent compound in the solution.

2D Purity of isomeric compounds is reported as the sum of the isomers. Value is rounded to the nearest whole number after summation.

3 Based upon gravimetric preparation with balance calibration verified using NIST traceable weights (seven mass levels) and/or class A glassware used for dilutions.

4 Uncertainties determined using data for balances and glassware from measurement systems analysis methodology, raw material purity, and, when significant, equipment tolerances or calibration results.

5A Containers are overfilled to ensure the packaged amount, as a minimum.

5B Restek supplies deactivated vials along with most standards packed in 2 mL ampules, for the handling and storage of standards. Due to space constraints, Restek does not supply vials for larger volume ampules. Samples should be transferred into deactivated vials for handling and storage. Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31840, which includes complete instructions. Restek will also deactivate larger volume vials from our inventory, as a custom ordered item. Contact your Restek sales or customer service representative for details.

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Rcvd 8/28/17 RM

Certificate of Analysis

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Reference Material Producer
Certificate #3222.01

ilac-MRA

ACCREDITED
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31452 **Lot No.:** A087054

Description : 8330 Internal Standard Mix

8330 Internal Std 3, 4-Dinitrotoluene 1000ug/mL, Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : March 2017 **Storage:** 10°C or colder

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)		
1	3,4-Dinitrotoluene	1,000.0 ug/mL	+/- 5.9397	ug/mL	Gravimetric
	CAS # 610-39-9		+/- 12.1149	ug/mL	Unstressed
	Purity 99%		+/- 13.6550	ug/mL	Stressed

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Column:
250mm x 4.6mm
Ultra C18 (cat.# 9174575)

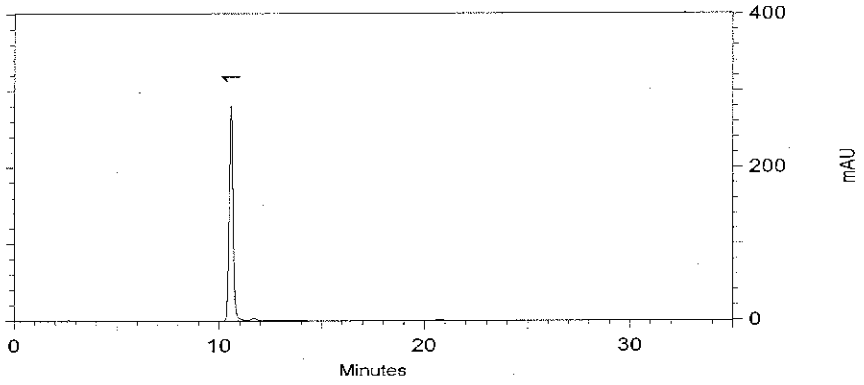
Flow Rate:
1.0 ml/min.

Mobile Phase A:
water:methanol (44:56 V/V)

Mobile Phase B:

Mobile Phase Comp

Det. Type:
Wavelength: 210 nm



Valerie N. Walters - QA Analyst

Date Passed: 06-Apr-2012 **Balance:** 1128360905

Manufactured under Restek's ISO 9001:2008
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date of the unopened ampul stored at the recommended storage condition is the last day of the month listed in the expiration date field.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO Guides 34 and 35. The certified combined stressed uncertainty value (includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ stressed} = k\sqrt{U^2_{gravimetric} + U^2_{homogeneity} + U^2_{storage\ stability} + U^2_{shipping\ stability}}$$

  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- It is important to note that the shipping stability uncertainty was obtained under temperature extremes for specific time intervals; therefore, the certified combined stressed uncertainty value should only be applied to the product if it was stored at non-standard temperature conditions up to and including 7 days. Contact Restek Technical Service at www.restek.com/Contact-Us for use recommendations if your shipment was in-transit for more than 7 days at non-standard temperature conditions.
- Apply the certified combined unstressed uncertainty value if the product was received under standard shipping conditions. Apply the certified combined stressed uncertainty value if the product was received under non-standard conditions as specified below.

Label Conditions	Standard Conditions	Non-Standard Conditions
25°C Nominal (Room Temperature)	< 60°C	≥ 60°C up to 7 days
10°C or colder (Refrigerate)	< 40°C	≥ 40°C up to 7 days
0°C or colder (Freezer)	< 25°C	≥ 25°C up to 7 days

- Separate (not combined) uncertainty values for gravimetric uncertainty are also displayed on the certificate, if needed, separate homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty values are available by contacting Restek Technical Service at www.restek.com/Contact-Us.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampules are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Samples should be transferred into deactivated vials for handling and storage. Restek supplies deactivated vials along with most standards packed in 2 mL ampules. Due to space constraints, Restek does not supply vials for larger volume ampules. Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31840, which includes complete instructions. Restek will also deactivate larger volume vials from our inventory as a custom ordered item. Contact your Restek sales or customer service representative for details.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

Standard Solution Assay Parameters

Analysis Method:	HPLC/UV
Column:	Prodigy ODS 3, 4.6 x 250 mm
Mobile Phase:	A: Water B: Methanol

Gradient Program:

Time (mins)	%A	%B
0.0	50	50
10.0	40	60
25.0	40	60

Flow Rate:	0.8 mL/min
Wavelength:	254 nm

Calibration Curve

Calibration Curve:	Linear Regression
Number of Points:	1

Solution Standard Verification and Homogeneity

Compound	Verified Concentration µg/mL	Acceptance Criteria	%RSD - Homogeneity %	Acceptance Criteria
2-Amino-4,6-dinitrotoluene	199.9	± 10%	0.8	≤ 3%
4-Amino-2,6-dinitrotoluene	201.3	± 10%	1.4	≤ 3%
1,3-Dinitrobenzene	199.5	± 10%	0.7	≤ 3%
2,4-Dinitrotoluene	200.1	± 10%	0.6	≤ 3%
2,6-Dinitrotoluene	197.7	± 10%	0.9	≤ 3%
HMX	199.5	± 10%	0.7	≤ 3%
Nitrobenzene	199.8	± 10%	0.5	≤ 3%
2-Nitrotoluene	199.5	± 10%	0.2	≤ 3%
3-Nitrotoluene	199.0	± 10%	0.5	≤ 3%
4-Nitrotoluene	199.4	± 10%	0.6	≤ 3%
RDX	199.4	± 10%	0.7	≤ 3%
Tetryl	197.8	± 10%	0.7	≤ 3%
1,3,5-Trinitrobenzene	199.3	± 10%	0.7	≤ 3%
2,4,6-Trinitrotoluene (TNT)	198.6	± 10%	1.0	≤ 3%

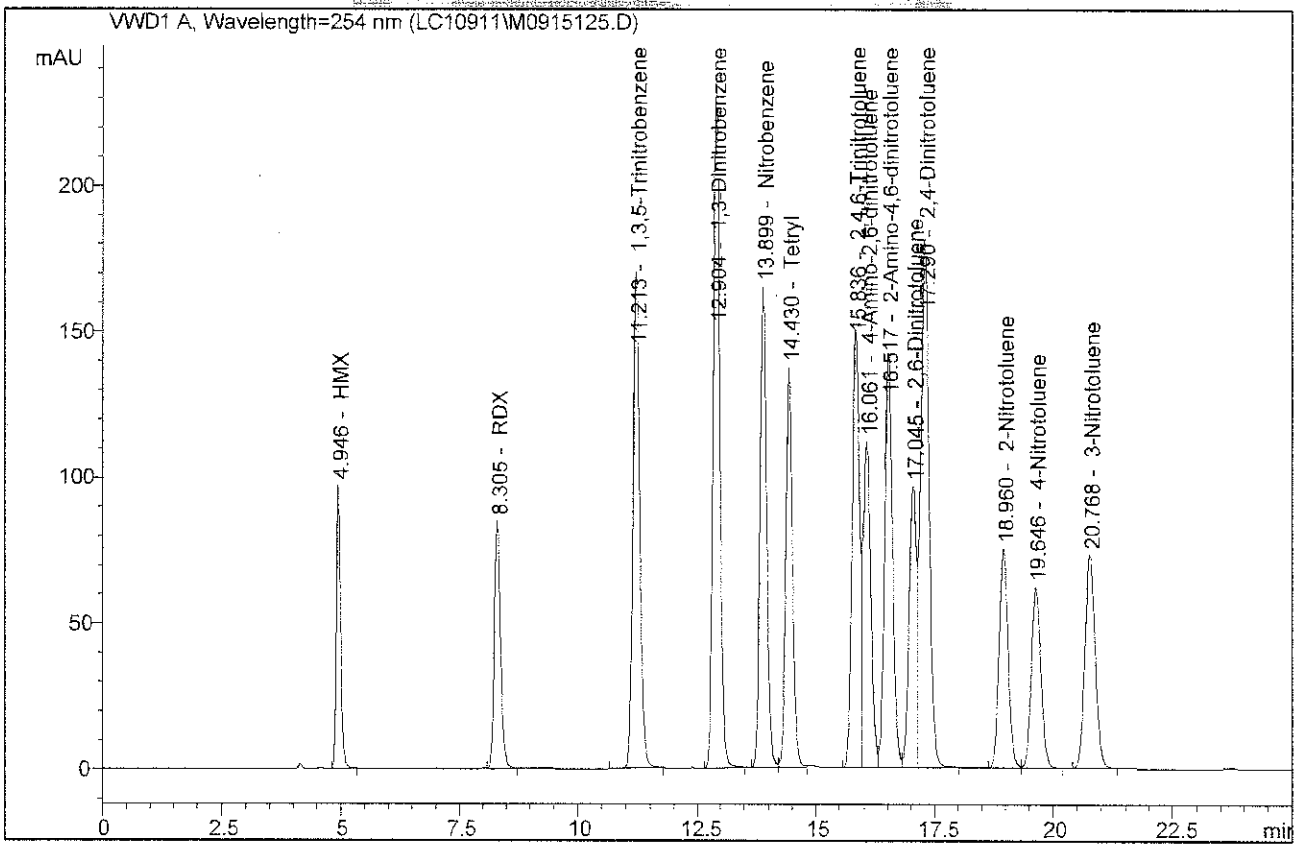
- Concentration is verified through multiple analyses and is calculated as the average of multiple analyses compared to an independently prepared calibration curve.
- Homogeneity is ensured through rigorous production process controls statistically analyzed to evaluate risk and verified by analysis. The %RSD of samples pulled from across the lot demonstrate homogeneity.
- Product is compared to prior lot and meets acceptance criteria of ± 10%.

Neat Material Data

Compound	Lot Number	CAS Number	Chemical Formula	Molecular Weight	Chromatographic Purity
2-Amino-4,6-dinitrotoluene	29550-55	35572-78-2	$C_7H_7N_3O_4$	197.15	99.98%
4-Amino-2,6-dinitrotoluene	ER070908-01	19406-51-0	$C_7H_7N_3O_4$	197.15	99.88%
1,3-Dinitrobenzene	EB-1876	99-65-0	$C_6H_4N_2O_4$	168.11	98.72%
2,4-Dinitrotoluene	EB-1379	121-14-2	$C_7H_6N_2O_4$	182.14	99.00%
2,6-Dinitrotoluene	PER-083-93401	606-20-2	$C_7H_6N_2O_4$	182.14	99.59%
HMX	ER052908-01	2691-41-0	$C_4H_8N_8O_8$	296.16	98.41%
Nitrobenzene	PR090310-01	98-95-3	$C_6H_5NO_2$	123.11	99.96%
2-Nitrotoluene	EB-1509	88-72-2	$C_7H_7NO_2$	137.14	99.95%
3-Nitrotoluene	EB-1519	99-08-1	$C_7H_7NO_2$	137.14	99.94%
4-Nitrotoluene	EB-1816	99-99-0	$C_7H_7NO_2$	137.14	99.81%
RDX	ER091609-04	121-82-4	$C_3H_6N_6O_6$	222.12	99.94%
Tetryl	34268-43	479-45-8	$C_7H_5N_5O_8$	287.15	98.67%
1,3,5-Trinitrobenzene	PR122706-01	99-35-4	$C_6H_3N_3O_6$	213.11	99.96%
2,4,6-Trinitrotoluene (TNT)	PR041911-01	118-96-7	$C_7H_5N_3O_6$	227.13	99.89%

♦ Purity Factor = [(100 - wt% residual solvent - wt% residual water - wt% residual inorganics) x Chromatographic Purity/100].

Product Analysis



Recd 3/16/12

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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31601 **Lot No.:** A085885

Description : EGDN Standard

1000ug/mL, Methanol, 1mL/ampul *PGI BOX REQUIRED* SHIP FED EX GROUND ONLY

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : January 2017 **Storage:** 10°C or colder

Elution Order	Compound	CAS #	Percent Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)
1	EGDN	628-96-6	99%	1,000.0 ug/mL	+/- 5.9397 ug/mL
Solvent:	Methanol	67-56-1	99%		

Column:
250mm x 4.6mm
Ultra C18 (cat.# 9174575)

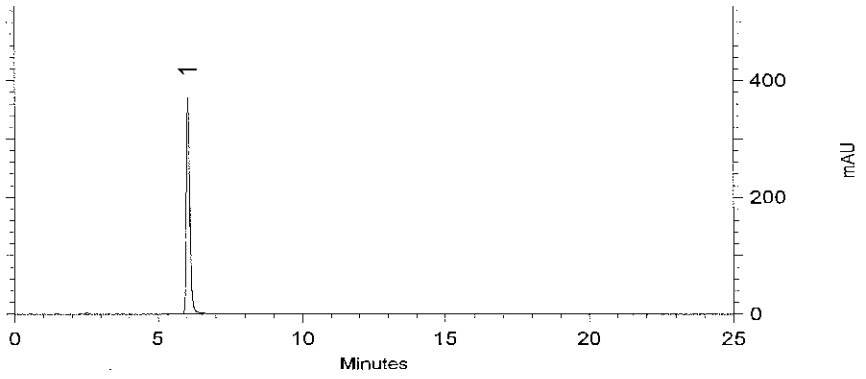
Flow Rate:
1.0 ml/min.

Mobile Phase A:
water:methanol (44:56 V/V)

Mobile Phase B:

Mobile Phase Comp

Det. Type:
Wavelength: 210 nm



Diane Shaffer - QA Analyst

Date Passed: 16-Jan-2012 **Balance:** 1128360905

Manufactured under Restek's ISO 9001:2008
Registered Quality System
Certificate #FM 80397

General Reference Material Notes

Expiration Notes:

- Expiration date of the unopened ampul stored at the recommended storage condition is the last day of the month listed in the expiration date field.
- Uncertainty, concentration, and expiration of the RM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Uncertainty Value Notes:

- Uncertainties are determined using data from balances and glassware, raw material purity, and, when significant, equipment tolerances or calibration results.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Samples should be transferred into deactivated vials for handling and storage. Restek supplies deactivated vials along with most standards packed in 2 mL ampules. Due to space constraints, Restek does not supply vials for larger volume ampules. Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31840, which includes complete instructions. Restek will also deactivate larger volume vials from our inventory as a custom ordered item. Contact your Restek sales or customer service representative for details.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

HP NGTA – 00001

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Catalog No. : 31498 **Lot No.:** A082035

Description : Nitroglycerin Standard

SV Mix, Nitroglycerin Standard, 1,000µg/ml, Methanol, 1ml/ampule

Container Size : [5] 2 mL **Pkg Amt:** [5] > 1 mL

Expiration Date : [1] May 2016 **Storage:** 10°C or colder

Elution Order	Compound	CAS #	Percent Purity [2]	Grav. Conc. (weight/volume) [3]	Grav.Uncert. (95% C.L.; K=2) [4]
1	Nitroglycerin	55-63-0	99%	1,000.0 ug/mL	+/- 5.9 ug/mL
Solvent:	Methanol	67-56-1	99%		

Column:
250mm x 4.6mm
Ultra C18 (cat.# 9174575)

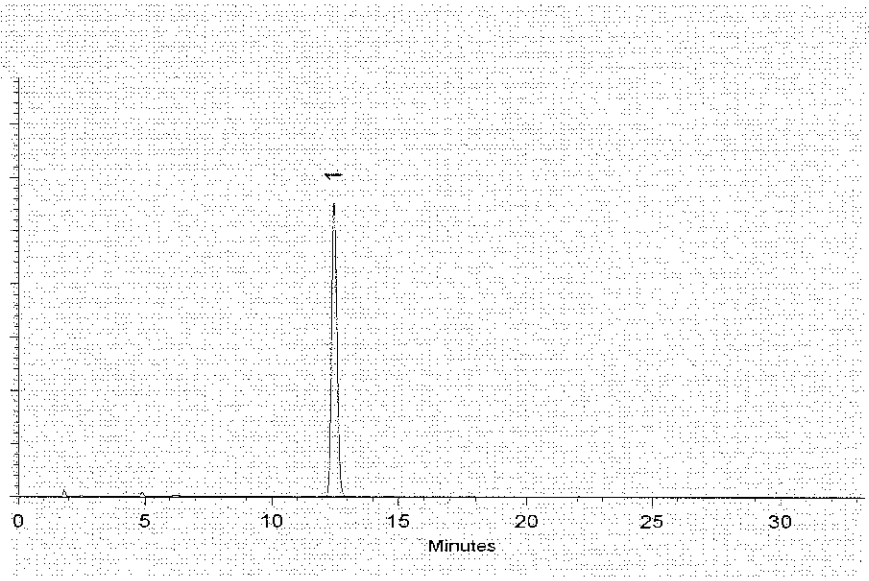
Flow Rate:
1.0 ml/min.

Mobile Phase A:
water:methanol (44:56 V/V)

Mobile Phase B:

Mobile Phase Comp

Det. Type:
Wavelength: 210 nm



HP NGTA – 00001

RESTEK

110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

www.Restek.com

Certificate of Analysis

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

Catalog No. : 31498 **Lot No.:** A082035

Description : Nitroglycerin Standard

SV Mix, Nitroglycerin Standard, 1,000µg/ml, Methanol, 1ml/ampule

Container Size : [5] 2 mL **Pkg Amt:** [5] > 1 mL

Expiration Date : [1] May 2016 **Storage:** 10°C or colder

Elution Order	Compound	CAS #	Percent [2] Purity	Grav. Conc. [3] (weight/volume)	Grav.Uncert. [4] (95% C.L.; K=2)
1	Nitroglycerin	55-63-0	99%	1,000.0 ug/mL	+/- 5.9 ug/mL
Solvent:	Methanol	67-56-1	99%		

Column:
250mm x 4.6mm
Ultra C18 (cat.# 9174575)

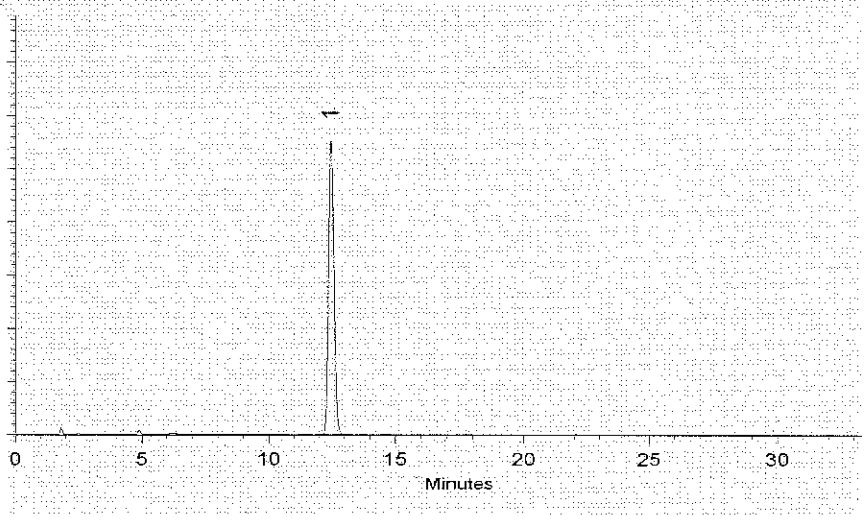
Flow Rate:
1.0 ml/min.

Mobile Phase A:
water:methanol (44:56 V/V)

Mobile Phase B:

Mobile Phase Comp

Det. Type:
Wavelength: 210 nm



HPNGTA-00001

5

10

RESTEK

Certificate of Analysis

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Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

Catalog No. :	31602	**Lot No.:**	A076817
Description :	Nitroguanidine Standard		
Container Size :	2 mL	**Pkg Amt:**	> 1 mL
Expiration Date : [1]	September 2015	**Storage:**	Refrigerate

Elution Order	Compound	CAS #	Percent Purity [2]	Grav. Conc. [3] (weight/volume)	% Grav.Uncert. [4] (95% C.L., K=2)
1	Nitroguanidine	556-88-7	99%	1,000.000 ug/ml	+/-0.59 %
Solvent:	Methanol	67-56-1	99%		

Column:
250mm x 4.6mm
Ultra C18 (cat.# 9174575)

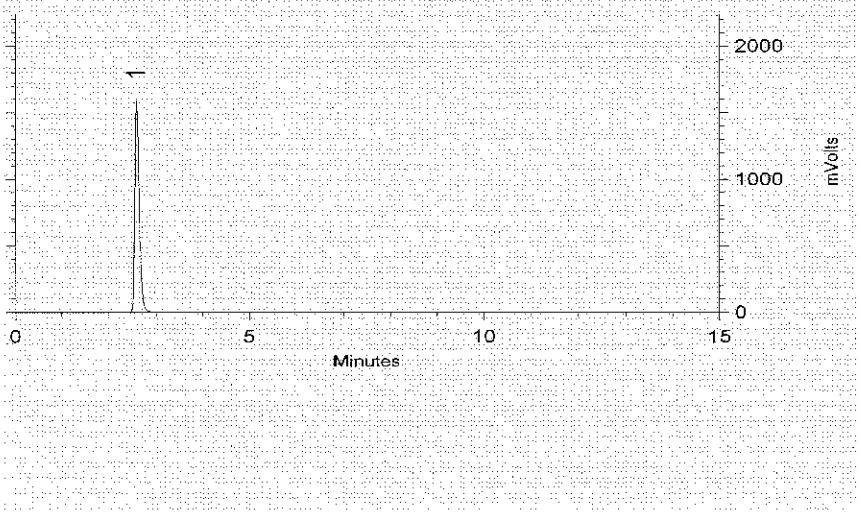
Flow Rate:
1.0 ml/min.

Mobile Phase A:
water:methanol (44:56 V/V)

Mobile Phase B:

Mobile Phase Comp

Det. Type:
Wavelength: 210 nm



Diane Shaffer - QA Analyst

Date Passed: 16-Sep-2010 **Balance:** 1128342313

Manufactured under Restek's ISO 9001:2008
Registered Quality System
Certificate #FM 80397

1 Expiration date of the unopened ampule stored at the recommended storage condition.

2A Purity is determined by one or more of the following techniques: GC/FID, HPLC, GC/ECD, GC/MS. Value is rounded to the nearest whole number. Chemical identity is confirmed using GC/MS. See data pack or contact provider for further details.

2B Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities.

2C The following types of compounds will have a listed purity of less than 99%: Aldehyde/Ketone-DNPH compounds, Bromides, Chlorides, HCL salts, HBR salts, sulfates, hydrates, and other compounds as necessary. The listed purity is a correction factor that is equivalent to the percentage of parent compound in the molecule. This correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution. The concentration listed on the certificate is the concentration of the parent compound in the solution.

2D Purity of isomeric compounds is reported as the sum of the isomers. Value is rounded to the nearest whole number after summation.

3 Based upon gravimetric preparation with balance calibration verified using NIST traceable weights (seven mass levels) and/or class A glassware used for dilutions.

4 Uncertainties determined using data for balances and glassware from measurement systems analysis methodology, raw material purity, and, when significant, equipment tolerances or calibration results.

125 Market Street
New Haven, CT 06513
USA

AccuStandard® Inc.

Tel (203)786-5290
Fax (203)786-5287
www.AccuStandard.com

CERTIFICATE OF ANALYSIS

Catalog No: M-8330-ADD-6
Description: Nitroguanidine
Lot: 211111014
Solvent: Methanol

Date Certified: Nov 1, 2011
Expiration: Nov 1, 2013
Sample Size: 1 mL
Storage Condition: Freeze (<-10° C)
Hazards: HIGHLY FLAMMABLE

[X] Included on ISO/IEC 17025 Scope of Accreditation
[X] Included on ISO Guide 34 Scope of Accreditation

Component	CAS #	Purity % (HPLC)	Prepared Concentration[1] (µg/mL)	Certified Analyte Concentration[2] (µg/mL)
Nitroguanidine	556-88-7	100	100.5	100.5

Rcvd 5/25/12

AccuStandard follows U.S. conventions in reporting numerical values on both certificates and labels:

A comma (,) is used to separate units of one-thousand or greater.
A period (.) is used as a decimal place marker.

1. All weights are traceable through NIST, Test No.822-275872-11
2. Certified Analyte Concentration = Purity x Prepared Concentration. The Uncertainty associated with the gravimetric values reported on this certificate is ±0.24%. The CRM Uncertainty calculated for this product is ±5%. These values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.
3. A product with a suffix (-1A, -2B, etc. or -01, -02, etc.) on its lot# has had its expiration date extended and is identical to the same lot# without the suffix.

For use in routine laboratory analysis.

See reverse side for additional information
Refer to the MSDS for additional safety information

Certified by: R. Cooper
Russ Cooper, QC Manager

Rcvd 3/20/12

RESTEK

110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

www.Restek.com

ACCREDITED
Reference Material Producer
Certificate #3222.01

ilac-MRA

ACCREDITED
Testing Laboratory
Certificate #3222.02

Certificate of Analysis

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 31499 **Lot No.:** A086505

Description : Picric Acid Standard

1000ug/mL, Methanol, 1mL/ampul *PGI BOX REQUIRED* SHIP FED EX GROUND ONLY

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : February 2017 **Storage:** 10°C or colder

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)		
1	Picric Acid	1,000.0 ug/mL	+/- 5.9397	ug/mL	Gravimetric
	CAS # 88-89-1		+/- 32.2037	ug/mL	Unstressed
	Purity 99%		+/- 44.7693	ug/mL	Stressed

Solvent: Methanol
CAS # 67-56-1
Purity 99%

Column:
30m x 0.53mm x 0.5um
Rtx-5 (cat.# 10240)

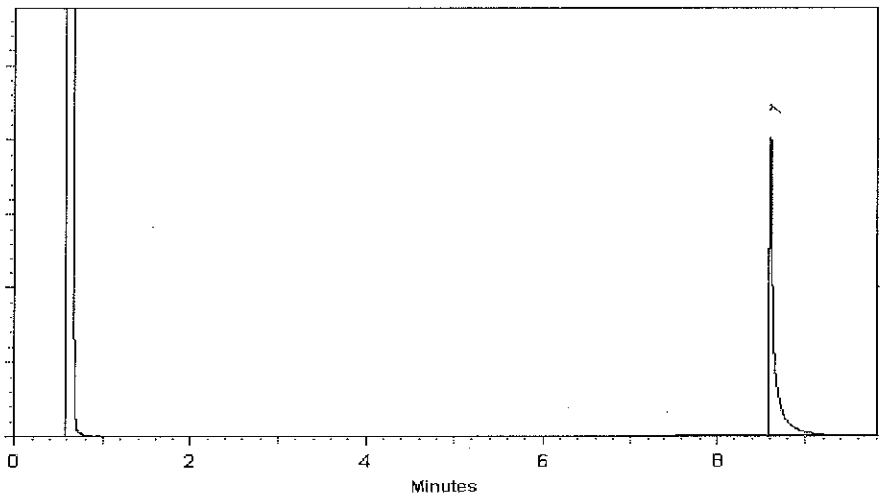
Carrier Gas:
hydrogen-constant flow 11 mL/min

Temp. Program:
70°C (hold 2 min.) to 225°C
@ 20°C/min.

Inj. Temp:
cold on-column

Det. Temp:
335°C

Det. Type:
FID



Valerie N. Walters - QA Analyst

Date Passed: 16-Mar-2012 **Balance:** 1128342313

Manufactured under Restek's ISO 9001:2008
Registered Quality System
Certificate #FM 80397

Rec'd 3/16/12

RESTEK

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Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

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Certificate of Analysis

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

Catalog No. : 31600 **Lot No.:** A085138

Description : PETN Standard

SV Mix, PETN Standard, 1,000µg/ml, Methanol, 1ml/ampule

Container Size : [5] 2 mL **Pkg Amt:** [5] > 1 mL

Expiration Date : [1] November 2016 **Storage:** 10°C or colder

Elution Order	Compound	CAS #	Percent Purity [2]	Grav. Conc. (weight/volume) [3]	Grav.Uncert. (95% C.L.; K=2) [4]
1	PETN	78-11-5	99%	1,000.0 ug/mL	+/- 5.8686 ug/mL
Solvent:	Methanol	67-56-1	99%		

Column:
250mm x 4.6mm
Ultra C18 (cat.# 9174575)

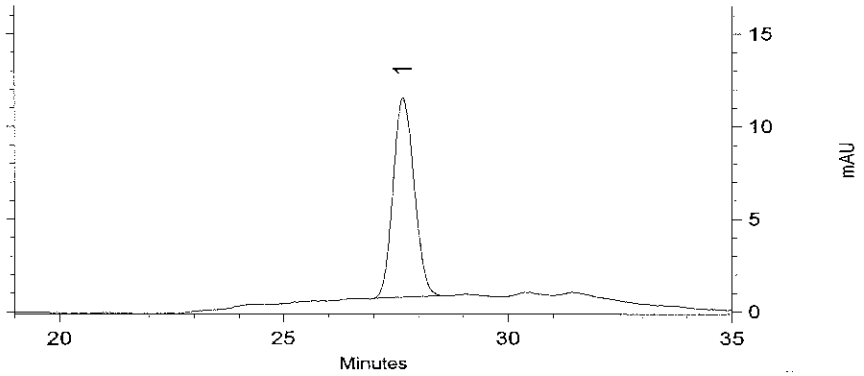
Flow Rate:
1.0 ml/min.

Mobile Phase A:
water:methanol (44:56 V/V)

Mobile Phase B:

Mobile Phase Comp

Det. Type:
Wavelength: 210 nm



Diane Shaffer - QA Analyst

Date Passed: 23-Nov-2011 **Balance:** 1128353505

Manufactured under Restek's ISO 9001:2008
Registered Quality System
Certificate #FM 80397

1 Expiration date of the unopened ampule stored at the recommended storage condition is the last day of the month listed.

2A Purity and chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/ECD, GC/MS. Purity value is rounded to the nearest whole number. See data pack or contact Restek for further details.

2B Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities.

2C The following types of compounds will have a listed purity of less than 99%: Aldehyde/Ketone-DNPH compounds, Bromides, Chlorides, HCL salts, HBR salts, sulfates, hydrates, and other compounds as necessary. The listed purity is a correction factor that is equivalent to the percentage of parent compound in the molecule. This correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution. The concentration listed on the certificate is the concentration of the parent compound in the solution.

2D Purity of isomeric compounds is reported as the sum of the isomers. Value is rounded to the nearest whole number after summation.

3 Based upon gravimetric preparation with balance calibration verified using NIST traceable weights (seven mass levels) and/or class A glassware used for dilutions.

4 Uncertainties determined using data for balances and glassware from measurement systems analysis methodology, raw material purity, and, when significant, equipment tolerances or calibration results.

5A Containers are overfilled to ensure the packaged amount, as a minimum.

5B Restek supplies deactivated vials along with most standards packed in 2 mL ampules, for the handling and storage of standards. Due to space constraints, Restek does not supply vials for larger volume ampules. Samples should be transferred into deactivated vials for handling and storage. Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31840, which includes complete instructions. Restek will also deactivate larger volume vials from our inventory, as a custom ordered item. Contact your Restek sales or customer service representative for details.

Rec'd 3/16/12

RESTEK

110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

www.Restek.com

Certificate of Analysis

FOR LABORATORY USE ONLY-READ MSDS PRIOR TO USE.

Catalog No. : 31600 **Lot No.:** A085138

Description : PETN Standard

SV Mix, PETN Standard, 1,000µg/ml, Methanol, 1ml/ampule

Container Size : [5] 2 mL **Pkg Amt:** [5] > 1 mL

Expiration Date : [1] November 2016 **Storage:** 10°C or colder

Elution Order	Compound	CAS #	Percent Purity [2]	Grav. Conc. (weight/volume) [3]	Grav.Uncert. (95% C.L.; K=2) [4]
1	PETN	78-11-5	99%	1,000.0 ug/mL	+/- 5.8686 ug/mL
Solvent:	Methanol	67-56-1	99%		

Column:
250mm x 4.6mm
Ultra C18 (cat.# 9174575)

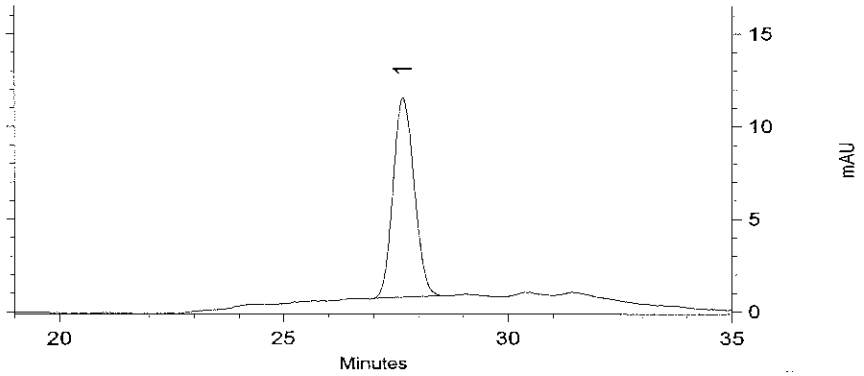
Flow Rate:
1.0 ml/min.

Mobile Phase A:
water:methanol (44:56 V/V)

Mobile Phase B:

Mobile Phase Comp

Det. Type:
Wavelength: 210 nm



Diane Shaffer - QA Analyst

Date Passed: 23-Nov-2011 **Balance:** 1128353505

Manufactured under Restek's ISO 9001:2008 Registered Quality System Certificate #FM 80397

1 Expiration date of the unopened ampule stored at the recommended storage condition is the last day of the month listed.

2A Purity and chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/ECD, GC/MS. Purity value is rounded to the nearest whole number. See data pack or contact Restek for further details.

2B Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities.

2C The following types of compounds will have a listed purity of less than 99%: Aldehyde/Ketone-DNPH compounds, Bromides, Chlorides, HCL salts, HBR salts, sulfates, hydrates, and other compounds as necessary. The listed purity is a correction factor that is equivalent to the percentage of parent compound in the molecule. This correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution. The concentration listed on the certificate is the concentration of the parent compound in the solution.

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3 Based upon gravimetric preparation with balance calibration verified using NIST traceable weights (seven mass levels) and/or class A glassware used for dilutions.

4 Uncertainties determined using data for balances and glassware from measurement systems analysis methodology, raw material purity, and, when significant, equipment tolerances or calibration results.

5A Containers are overfilled to ensure the packaged amount, as a minimum.

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ERA

A Waters Company

Certificate of Analysis

Rcd 11/6/12

PRODUCT:	1000 mg/L Nitrite as N (NO_2-N)
CATALOG NUMBER:	053 -125 mL; 990 - 500 mL
LOT NUMBER:	210912
ISSUE DATE:	September 21, 2012
REVISION DATE:	Original
STARTING MATERIAL:	Sodium Nitrite ($NaNO_2$)
CERTIFIED CONCENTRATION[1]:	1000 mg/L
UNCERTAINTY[2]:	0.6%
MATRIX:	18 megohm deionized water
DENSITY:	1.0007 ± 0.0008 g/mL at 21.5°C and 778 mm Hg
TRACEABILITY[3]:	NA
NIST/SRM:	SRM not available
VERIFICATION METHOD:	Ion Chromatography
STORAGE:	Store at 20-25°C

1. The **Certified Concentration** is the actual made-to concentration confirmed by ERA analytical verification.

2. The stated **Uncertainty** is the total propagated uncertainty at the 95% confidence interval. The uncertainty is based on the preparation and internal analytical verification of the product by ERA, multiplied by a coverage factor which is equal to the student t factor at a 95% confidence interval at n-1 degrees of freedom. The uncertainty applies to the product as supplied and does not take into account any required or optional dilutions and/or preparations the laboratory may perform while using this product.

3. Traceability Recovery = ((% Recovery certified standard)/(% Recovery NIST SRM))*100.

   The traceability data shown were compiled by analyzing the ERA standards or their associated stock solutions against the applicable NIST SRMs.

This standard **expires 9/2014**. The certified values are monitored and purchasers will be notified of any significant changes resulting in recertification or withdrawal of this certified reference material during the period of validity of this certificate.

This product is intended to be used as either a calibration standard or a quality control check of the entire analytical process for the analytes/matrix included in the standard.

If you have any questions or need technical assistance, please call ERA technical assistance at 1-800-372-0122 or email to info@eraqc.com

Certifying Officer: Tom Widera

ACCREDITED

REFERENCE MATERIAL PRODUCER
CERT # 1539.03

16341 Table Mtn Pkwy, Golden, CO 80403 800-372-0122 fax: 303-421-0159 www.eraqc.com

DEC 1 9 2013

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5580 Skylane Boulevard P: 707.525.5788
Santa Rosa, CA 95403 P: 800.878.7654
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1000 CS Amsterdam F: +31 20 420 28 36
The Netherlands

CPI INTERNATIONAL

Advanced Analytical, Semiconductor and Life Science Solutions

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CERTIFICATE OF ANALYSIS

P/N 4400-IC12M

Ion Chromatography Nitrogen Standard
N in H_2O
1000 µg/mL ± 0.5%

Lot # 12B200

Material Source: Sodium nitrite ($NaNO_2$)
Source Purity: 99.99%

This standard solution was prepared using a high-purity starting material and 18-megaohm deionized water. The starting material was weighed to five significant figures and diluted in a Class A volumetric glassware calibrated in accordance with National Bureau of Standards Circular 602. All balances are routinely calibrated using Class F NIST traceable weights.

This solution was certified instrumentally against the National Institute of Standards and Technology's SRM 3100 series.

Accuracy and stability are guaranteed to within plus or minus 0.5% of the certified value for 18 months after the date of shipment. The solution should be kept tightly capped and stored under normal laboratory conditions. See attached MSDS for proper handling information.

For questions or comments please call 1-800-878-7654 in the USA or +31 20 638 05 97 in Europe.

ISO 9001:2008 ACLASS ISO 17025

colitag™ PEAK PERFORMANCE™ CERTIFIED REFERENCE MATERIALS MOD BLOCK Accu•prep 7000™ Extraction Manifold Nu•Phase™ SPE Disks

Certification Summary

Client: Environmental Chemical Corp.
Project/Site: RVAAP - ECC

TestAmerica Job ID: 240-17317-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica Canton	California	NELAC	9	01144CA
TestAmerica Canton	Connecticut	State Program	1	PH-0590
TestAmerica Canton	Florida	NELAC	4	E87225
TestAmerica Canton	Georgia	State Program	4	N/A
TestAmerica Canton	Illinois	NELAC	5	200004
TestAmerica Canton	Kansas	NELAC	7	E-10336
TestAmerica Canton	Kentucky	State Program	4	58
TestAmerica Canton	L-A-B	DoD ELAP		L2315
TestAmerica Canton	Minnesota	NELAC	5	039-999-348
TestAmerica Canton	Nevada	State Program	9	OH-000482008A
TestAmerica Canton	New Jersey	NELAC	2	OH001
TestAmerica Canton	New York	NELAC	2	10975
TestAmerica Canton	Ohio VAP	State Program	5	CL0024
TestAmerica Canton	Pennsylvania	NELAC	3	68-00340
TestAmerica Canton	Texas	NELAC	6	
TestAmerica Canton	USDA	Federal		P330-11-00328
TestAmerica Canton	Virginia	NELAC	3	460175
TestAmerica Canton	Washington	State Program	10	C971
TestAmerica Canton	West Virginia DEP	State Program	3	210
TestAmerica Canton	Wisconsin	State Program	5	999518190
TestAmerica West Sacramento	A2LA	DoD ELAP		2928-01
TestAmerica West Sacramento	Arizona	State Program	9	AZ0708
TestAmerica West Sacramento	Arkansas DEQ	State Program	6	88-0691
TestAmerica West Sacramento	California	NELAC	9	1119CA
TestAmerica West Sacramento	Colorado	State Program	8	N/A
TestAmerica West Sacramento	Connecticut	State Program	1	PH-0691
TestAmerica West Sacramento	Florida	NELAC	4	E87570
TestAmerica West Sacramento	Guam	State Program	9	N/A
TestAmerica West Sacramento	Hawaii	State Program	9	N/A
TestAmerica West Sacramento	Illinois	NELAC	5	200060
TestAmerica West Sacramento	Kansas	NELAC	7	E-10375
TestAmerica West Sacramento	Louisiana	NELAC	6	30612
TestAmerica West Sacramento	Michigan	State Program	5	9947
TestAmerica West Sacramento	Nevada	State Program	9	CA44
TestAmerica West Sacramento	New Jersey	NELAC	2	CA005
TestAmerica West Sacramento	New York	NELAC	2	11666
TestAmerica West Sacramento	Northern Mariana Islands	State Program	9	MP0007
TestAmerica West Sacramento	Oregon	NELAC	10	CA200005
TestAmerica West Sacramento	Pennsylvania	NELAC	3	68-01272
TestAmerica West Sacramento	South Carolina	State Program	4	87014
TestAmerica West Sacramento	Texas	NELAC	6	T104704399-08-TX
TestAmerica West Sacramento	US Fish & Wildlife	Federal		LE148388-0
TestAmerica West Sacramento	USDA	Federal		P330-11-00436
TestAmerica West Sacramento	Utah	NELAC	8	QUAN1
TestAmerica West Sacramento	Washington	State Program	10	C581
TestAmerica West Sacramento	West Virginia	State Program	3	9930C
TestAmerica West Sacramento	West Virginia DEP	State Program	3	334
TestAmerica West Sacramento	Wyoming	State Program	8	8TMS-Q

Accreditation may not be offered or required for all methods and analytes reported in this package Please contact your project manager for the laboratory's current list of certified methods and analytes.

Method 8260B DOD

Volatile Organic Compounds (GC/MS) by Method 8260B/DOD

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): DB-624 ID: 0.18 (mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
	MRL 240-64980/5	90	96	98	93
	MRL 240-64980/33	88	100	97	95
	MRL 240-65171/5	89	97	97	95
	MRL 240-65171/29	87	100	96	101

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	50-150
DCA = 1,2-Dichloroethane-d4 (Surr)	50-150
TOL = Toluene-d8 (Surr)	50-150
BFB = 4-Bromofluorobenzene (Surr)	50-150

Column to be used to flag recovery values

FORM II 8260B/DoD

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): DB-624 ID: 0.18 (mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
076SS-0002M-0001-SO	240-17317-1	83	97	91	93
076SS-0001M-0001-SO	240-17317-2	79	102	95	90
076SS-0005M-0001-SO	240-17317-3	83	102	109	137 Q
076SS-0006M-0001-SO	240-17317-4	79	97	100	100
068SS-0003M-0001-SO	240-17317-7	75	96	94	96
068SS-0004M-0001-SO	240-17317-8	82	100	93	99
076SS-0004M-0001-SO	240-17317-9	88	103	118 Q	155 Q
076SS-0003M-0001-SO	240-17317-10	79	93	94	105
	MB 240-64980/8	82	93	94	90
	MB 240-65171/8	83	95	93	97
	LCS 240-64980/7	93	96	94	97
	LCS 240-65171/7	93	94	97	102
068SS-0003M-0001-SO MS	240-17317-7 MS	96	102	98	103
068SS-0003M-0001-SO MSD	240-17317-7 MSD	89	94	94	101

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	59-138
DCA = 1,2-Dichloroethane-d4 (Surr)	61-130
TOL = Toluene-d8 (Surr)	85-115
BFB = 4-Bromofluorobenzene (Surr)	85-120

Column to be used to flag recovery values

FORM II 8260B/DoD

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): DB-624 ID: 0.18 (mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
	MRL 240-64831/5	100	99	104	99
	MRL 240-64831/12	104	104	109	97

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	50-150
DCA = 1,2-Dichloroethane-d4 (Surr)	50-150
TOL = Toluene-d8 (Surr)	50-150
BFB = 4-Bromofluorobenzene (Surr)	50-150

Column to be used to flag recovery values

FORM II 8260B/DoD

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): DB-624 ID: 0.18 (mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
076SS-0027-0001-TB	240-17317-25	98	99	98	86
	MB 240-64831/6	101	102	101	94
	LCS 240-64831/4	102	105	104	106

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	85-115
DCA = 1,2-Dichloroethane-d4 (Surr)	70-120
TOL = Toluene-d8 (Surr)	85-120
BFB = 4-Bromofluorobenzene (Surr)	75-120

Column to be used to flag recovery values

FORM II 8260B/DoD

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Matrix: Water Level: Low Lab File ID: UXX0864.D

Lab ID: LCS 240-64831/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
2-Butanone (MEK)	20.0	19.0	95	30-150	
Acetone	20.0	21.4	107	40-140	
Benzene	10.0	10.4	104	80-120	
Bromoform	10.0	9.95	100	70-130	
Bromomethane	10.0	10.1	101	30-145	
Carbon disulfide	10.0	11.0	110	35-160	
Carbon tetrachloride	10.0	10.4	104	65-140	
1,1-Dichloroethane	10.0	10.8	108	70-135	
Chlorobenzene	10.0	10.1	101	80-120	
1,2-Dichloroethane	10.0	10.4	104	70-130	
Chloromethane	10.0	9.74	97	40-125	
1,1-Dichloroethene	10.0	10.9	109	70-130	
cis-1,3-Dichloropropene	10.0	10.1	101	70-130	
Dibromochloromethane	10.0	10.1	101	60-135	
1,2-Dichloropropane	10.0	10.4	104	75-125	
Bromodichloromethane	10.0	10.5	105	75-120	
Ethylbenzene	10.0	10.4	104	75-125	
2-Hexanone	20.0	20.0	100	55-130	
Methyl tert-butyl ether	10.0	10.4	104	65-125	
Methylene Chloride	10.0	11.4	114	55-140	
4-Methyl-2-pentanone (MIBK)	20.0	20.1	100	60-135	
Styrene	10.0	10.7	107	65-135	
1,1,2,2-Tetrachloroethane	10.0	9.64	96	65-130	
Tetrachloroethene	10.0	9.91	99	45-150	
Toluene	10.0	10.4	104	75-120	
Chloroform	10.0	10.1	101	65-135	
trans-1,3-Dichloropropene	10.0	10.3	103	55-140	
1,1,1-Trichloroethane	10.0	10.7	107	65-130	
Bromochloromethane	10.0	10.2	102	65-130	
1,1,2-Trichloroethane	10.0	10.4	104	75-125	
Trichloroethene	10.0	10.4	104	70-125	
Vinyl chloride	10.0	10.0	100	50-145	
Chloroethane	10.0	10.5	105	60-135	
Xylenes, Total	30.0	31.6	105	75-130	

Column to be used to flag recovery and RPD values

FORM III 8260B/DoD

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 149142.D

Lab ID: LCS 240-64980/7 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
2-Butanone (MEK)	100	98.9	99	30-160	
Acetone	100	119	119	20-160	
Benzene	50.0	50.5	101	75-125	
Bromoform	50.0	45.5	91	55-135	
Bromomethane	50.0	49.8	100	30-160	
Carbon disulfide	50.0	42.4	85	45-160	
Carbon tetrachloride	50.0	51.1	102	65-135	
1,1-Dichloroethane	50.0	52.4	105	75-125	
Chlorobenzene	50.0	48.0	96	75-125	
1,2-Dichloroethane	50.0	51.4	103	70-135	
Chloromethane	50.0	51.7	103	50-130	
1,1-Dichloroethene	50.0	53.0	106	65-135	
cis-1,3-Dichloropropene	50.0	45.0	90	70-125	
Dibromochloromethane	50.0	46.4	93	65-130	
1,2-Dichloropropane	50.0	51.4	103	70-120	
Bromodichloromethane	50.0	44.6	89	70-130	
Ethylbenzene	50.0	49.1	98	75-125	
2-Hexanone	100	102	102	45-145	
Methylene Chloride	50.0	55.4	111	55-140	
4-Methyl-2-pentanone (MIBK)	100	112	112	45-145	
Styrene	50.0	50.2	100	75-125	
1,1,2,2-Tetrachloroethane	50.0	55.4	111	55-130	
Tetrachloroethene	50.0	50.0	100	65-140	
Toluene	50.0	50.0	100	70-125	
Chloroform	50.0	51.1	102	70-125	
trans-1,3-Dichloropropene	50.0	44.0	88	65-125	
1,1,1-Trichloroethane	50.0	55.9	112	70-135	
Bromochloromethane	50.0	50.7	101	70-125	
1,1,2-Trichloroethane	50.0	53.3	107	60-125	
Trichloroethene	50.0	51.6	103	75-125	
Vinyl chloride	50.0	50.7	101	60-125	
Chloroethane	50.0	51.4	103	40-155	
Xylenes, Total	150	152	101	75-125	

Column to be used to flag recovery and RPD values

FORM III 8260B/DoD

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 149175.D

Lab ID: LCS 240-65171/7 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
2-Butanone (MEK)	100	107	107	30-160	
Acetone	100	116	116	20-160	
Benzene	50.0	49.4	99	75-125	
Bromoform	50.0	44.8	90	55-135	
Bromomethane	50.0	43.0	86	30-160	
Carbon disulfide	50.0	38.9	78	45-160	
Carbon tetrachloride	50.0	49.1	98	65-135	
1,1-Dichloroethane	50.0	51.0	102	75-125	
Chlorobenzene	50.0	48.4	97	75-125	
1,2-Dichloroethane	50.0	50.2	100	70-135	
Chloromethane	50.0	48.2	96	50-130	
1,1-Dichloroethene	50.0	49.9	100	65-135	
cis-1,3-Dichloropropene	50.0	46.1	92	70-125	
Dibromochloromethane	50.0	48.1	96	65-130	
1,2-Dichloropropane	50.0	52.2	104	70-120	
Bromodichloromethane	50.0	44.0	88	70-130	
Ethylbenzene	50.0	49.5	99	75-125	
2-Hexanone	100	110	110	45-145	
Methylene Chloride	50.0	49.0	98	55-140	
4-Methyl-2-pentanone (MIBK)	100	111	111	45-145	
Styrene	50.0	52.1	104	75-125	
1,1,2,2-Tetrachloroethane	50.0	52.8	106	55-130	
Tetrachloroethene	50.0	50.1	100	65-140	
Toluene	50.0	49.1	98	70-125	
Chloroform	50.0	48.8	98	70-125	
trans-1,3-Dichloropropene	50.0	45.0	90	65-125	
1,1,1-Trichloroethane	50.0	52.5	105	70-135	
Bromochloromethane	50.0	49.6	99	70-125	
1,1,2-Trichloroethane	50.0	53.1	106	60-125	
Trichloroethene	50.0	50.5	101	75-125	
Vinyl chloride	50.0	47.1	94	60-125	
Chloroethane	50.0	44.2	88	40-155	
Xylenes, Total	150	149	99	75-125	

Column to be used to flag recovery and RPD values

FORM III 8260B/DoD

FORM III
GC/MS VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Matrix: Water Level: Low Lab File ID: UXX0865.D

Lab ID: MRL 240-64831/5 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
2-Butanone (MEK)	0.0100	0.00880 J	88	70-130	
Acetone	0.0100	0.00924 J	92	70-130	
Benzene	0.00100	0.00113	113	70-130	
Bromoform	0.00100	0.000918 J	92	70-130	
Bromomethane	0.00100	0.00135	135	70-130	^
Carbon disulfide	0.00100	0.00101	101	70-130	
Carbon tetrachloride	0.00100	0.00106	106	70-130	
1,1-Dichloroethane	0.00100	0.00109	109	70-130	
Chlorobenzene	0.00100	0.00111	111	70-130	
1,2-Dichloroethane	0.00100	0.00113	113	70-130	
Chloromethane	0.00100	0.00135	135	70-130	^
1,1-Dichloroethene	0.00100	0.00102	102	70-130	
cis-1,3-Dichloropropene	0.00100	0.000883 J	88	70-130	
Dibromochloromethane	0.00100	0.000963 J	96	70-130	
1,2-Dichloropropane	0.00100	0.00102	102	70-130	
Bromodichloromethane	0.00100	0.00103	103	70-130	
Ethylbenzene	0.00100	0.00104	104	70-130	
2-Hexanone	0.0100	0.00941 J	94	70-130	
Methyl tert-butyl ether	0.00100	0.00106	106	70-130	
Methylene Chloride	0.00100	0.00251	251	70-130	^
4-Methyl-2-pentanone (MIBK)	0.0100	0.00913 J	91	70-130	
Styrene	0.00100	0.000944 J	94	70-130	
1,1,2,2-Tetrachloroethane	0.00100	0.00115	115	70-130	
Tetrachloroethene	0.00100	0.00105	105	70-130	
Toluene	0.00100	0.00110	110	70-130	
Chloroform	0.00100	0.00108	108	70-130	
trans-1,3-Dichloropropene	0.00100	0.000895 J	89	70-130	
1,1,1-Trichloroethane	0.00100	0.00112	112	70-130	
Bromochloromethane	0.00100	0.00103	103	70-130	
1,1,2-Trichloroethane	0.00100	0.00107	107	70-130	
Trichloroethene	0.00100	0.00105	105	70-130	
Vinyl chloride	0.00100	0.00123	123	70-130	
Chloroethane	0.00100	0.00143	143	70-130	^
Xylenes, Total	0.00300	0.00292	97	70-130	

Column to be used to flag recovery and RPD values

FORM III 8260B/DoD

FORM III
GC/MS VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Matrix: Water Level: Low Lab File ID: UXX0872.D

Lab ID: MRL 240-64831/12 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
2-Butanone (MEK)	0.0100	0.00916 J	92	70-130	
Acetone	0.0100	0.00985 J	99	70-130	
Benzene	0.00100	0.00104	104	70-130	
Bromoform	0.00100	0.000769 J	77	70-130	
Bromomethane	0.00100	0.00115	115	70-130	
Carbon disulfide	0.00100	0.000973 J	97	70-130	
Carbon tetrachloride	0.00100	0.00103	103	70-130	
1,1-Dichloroethane	0.00100	0.00105	105	70-130	
Chlorobenzene	0.00100	0.000988 J	99	70-130	
1,2-Dichloroethane	0.00100	0.00105	105	70-130	
Chloromethane	0.00100	0.00124	124	70-130	
1,1-Dichloroethene	0.00100	0.00106	106	70-130	
cis-1,3-Dichloropropene	0.00100	0.000883 J	88	70-130	
Dibromochloromethane	0.00100	0.000853 J	85	70-130	
1,2-Dichloropropane	0.00100	0.00100	100	70-130	
Bromodichloromethane	0.00100	0.000934 J	93	70-130	
Ethylbenzene	0.00100	0.000902 J	90	70-130	
2-Hexanone	0.0100	0.00917 J	92	70-130	
Methyl tert-butyl ether	0.00100	0.000996 J	100	70-130	
Methylene Chloride	0.00100	0.00273	273	70-130	^
4-Methyl-2-pentanone (MIBK)	0.0100	0.00922 J	92	70-130	
Styrene	0.00100	0.000771 J	77	70-130	
1,1,2,2-Tetrachloroethane	0.00100	0.00103	103	70-130	
Tetrachloroethene	0.00100	0.00103	103	70-130	
Toluene	0.00100	0.00108	108	70-130	
Chloroform	0.00100	0.00107	107	70-130	
trans-1,3-Dichloropropene	0.00100	0.000855 J	85	70-130	
1,1,1-Trichloroethane	0.00100	0.00104	104	70-130	
Bromochloromethane	0.00100	0.00109	109	70-130	
1,1,2-Trichloroethane	0.00100	0.00110	110	70-130	
Trichloroethene	0.00100	0.00102	102	70-130	
Vinyl chloride	0.00100	0.00116	116	70-130	
Chloroethane	0.00100	0.00116	116	70-130	
Xylenes, Total	0.00300	0.00260	87	70-130	

Column to be used to flag recovery and RPD values

FORM III 8260B/DoD

FORM III
GC/MS VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 149140.D

Lab ID: MRL 240-64980/5 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
2-Butanone (MEK)	0.0100	0.00959 J	96	70-130	
Acetone	0.0100	0.0159	159	70-130	^
Benzene	0.00500	0.00507	101	70-130	
Bromoform	0.00500	0.00619	124	70-130	
Bromomethane	0.00500	0.00523	105	70-130	
Carbon disulfide	0.00500	0.00387	77	70-130	
Carbon tetrachloride	0.00500	0.00459	92	70-130	
1,1-Dichloroethane	0.00500	0.00490	98	70-130	
Chlorobenzene	0.00500	0.00489	98	70-130	
1,2-Dichloroethane	0.00500	0.00510	102	70-130	
Chloromethane	0.00500	0.00504	101	70-130	
1,1-Dichloroethene	0.00500	0.00518	104	70-130	
cis-1,3-Dichloropropene	0.00500	0.00512	102	70-130	
Dibromochloromethane	0.00500	0.00493	99	70-130	
1,2-Dichloropropane	0.00500	0.00488	98	70-130	
Bromodichloromethane	0.00500	0.00418	84	70-130	
Ethylbenzene	0.00500	0.00462	92	70-130	
2-Hexanone	0.0100	0.00966 J	97	70-130	
Methylene Chloride	0.00500	0.00796	159	70-130	^
4-Methyl-2-pentanone (MIBK)	0.0100	0.0103	103	70-130	
Styrene	0.00500	0.00442	88	70-130	
1,1,2,2-Tetrachloroethane	0.00500	0.00472	94	70-130	
Tetrachloroethene	0.00500	0.00528	106	70-130	
Toluene	0.00500	0.00518	104	70-130	
Chloroform	0.00500	0.00486	97	70-130	
trans-1,3-Dichloropropene	0.00500	0.00427	85	70-130	
1,1,1-Trichloroethane	0.00500	0.00489	98	70-130	
Bromochloromethane	0.00500	0.00504	101	70-130	
1,1,2-Trichloroethane	0.00500	0.00515	103	70-130	
Trichloroethene	0.00500	0.00515	103	70-130	
Vinyl chloride	0.00500	0.00495	99	70-130	
Chloroethane	0.00500	0.00514	103	70-130	
Xylenes, Total	0.0150	0.0146	97	70-130	

Column to be used to flag recovery and RPD values

FORM III 8260B/DoD

FORM III
GC/MS VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 149168.D

Lab ID: MRL 240-64980/33 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
2-Butanone (MEK)	0.0100	0.00998 J	100	70-130	
Acetone	0.0100	0.0157	157	70-130	^
Benzene	0.00500	0.00502	100	70-130	
Bromoform	0.00500	0.00591	118	70-130	
Bromomethane	0.00500	0.00480	96	70-130	
Carbon disulfide	0.00500	0.00362	72	70-130	
Carbon tetrachloride	0.00500	0.00448	90	70-130	
1,1-Dichloroethane	0.00500	0.00480	96	70-130	
Chlorobenzene	0.00500	0.00504	101	70-130	
1,2-Dichloroethane	0.00500	0.00537	107	70-130	
Chloromethane	0.00500	0.00510	102	70-130	
1,1-Dichloroethene	0.00500	0.00488	98	70-130	
cis-1,3-Dichloropropene	0.00500	0.00514	103	70-130	
Dibromochloromethane	0.00500	0.00459	92	70-130	
1,2-Dichloropropane	0.00500	0.00496	99	70-130	
Bromodichloromethane	0.00500	0.00390	78	70-130	
Ethylbenzene	0.00500	0.00481	96	70-130	
2-Hexanone	0.0100	0.00893 J	89	70-130	
Methylene Chloride	0.00500	0.00645	129	70-130	
4-Methyl-2-pentanone (MIBK)	0.0100	0.00935 J	94	70-130	
Styrene	0.00500	0.00439	88	70-130	
1,1,2,2-Tetrachloroethane	0.00500	0.00491	98	70-130	
Tetrachloroethene	0.00500	0.00505	101	70-130	
Toluene	0.00500	0.00517	103	70-130	
Chloroform	0.00500	0.00487	97	70-130	
trans-1,3-Dichloropropene	0.00500	0.00397	79	70-130	
1,1,1-Trichloroethane	0.00500	0.00476	95	70-130	
Bromochloromethane	0.00500	0.00491	98	70-130	
1,1,2-Trichloroethane	0.00500	0.00510	102	70-130	
Trichloroethene	0.00500	0.00506	101	70-130	
Vinyl chloride	0.00500	0.00505	101	70-130	
Chloroethane	0.00500	0.00518	104	70-130	
Xylenes, Total	0.0150	0.0149	99	70-130	

Column to be used to flag recovery and RPD values

FORM III 8260B/DoD

FORM III
GC/MS VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 149173.D

Lab ID: MRL 240-65171/5 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
2-Butanone (MEK)	0.0100	0.0102	102	70-130	
Acetone	0.0100	0.0175	175	70-130	^
Benzene	0.00500	0.00490	98	70-130	
Bromoform	0.00500	0.00607	121	70-130	
Bromomethane	0.00500	0.00580	116	70-130	
Carbon disulfide	0.00500	0.00358	72	70-130	
Carbon tetrachloride	0.00500	0.00456	91	70-130	
1,1-Dichloroethane	0.00500	0.00470	94	70-130	
Chlorobenzene	0.00500	0.00498	100	70-130	
1,2-Dichloroethane	0.00500	0.00505	101	70-130	
Chloromethane	0.00500	0.00583	117	70-130	
1,1-Dichloroethene	0.00500	0.00478	96	70-130	
cis-1,3-Dichloropropene	0.00500	0.00504	101	70-130	
Dibromochloromethane	0.00500	0.00454	91	70-130	
1,2-Dichloropropane	0.00500	0.00485	97	70-130	
Bromodichloromethane	0.00500	0.00411	82	70-130	
Ethylbenzene	0.00500	0.00470	94	70-130	
2-Hexanone	0.0100	0.00914 J	91	70-130	
Methylene Chloride	0.00500	0.00565	113	70-130	
4-Methyl-2-pentanone (MIBK)	0.0100	0.00948 J	95	70-130	
Styrene	0.00500	0.00411	82	70-130	
1,1,2,2-Tetrachloroethane	0.00500	0.00464	93	70-130	
Tetrachloroethene	0.00500	0.00523	105	70-130	
Toluene	0.00500	0.00494	99	70-130	
Chloroform	0.00500	0.00474	95	70-130	
trans-1,3-Dichloropropene	0.00500	0.00416	83	70-130	
1,1,1-Trichloroethane	0.00500	0.00465	93	70-130	
Bromochloromethane	0.00500	0.00475	95	70-130	
1,1,2-Trichloroethane	0.00500	0.00489	98	70-130	
Trichloroethene	0.00500	0.00490	98	70-130	
Vinyl chloride	0.00500	0.00555	111	70-130	
Chloroethane	0.00500	0.00562	112	70-130	
Xylenes, Total	0.0150	0.0139	92	70-130	

Column to be used to flag recovery and RPD values

FORM III 8260B/DoD

FORM III
GC/MS VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 149197.D

Lab ID: MRL 240-65171/29 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
2-Butanone (MEK)	0.0100	0.0119	119	70-130	
Acetone	0.0100	0.0201	201	70-130	^
Benzene	0.00500	0.00504	101	70-130	
Bromoform	0.00500	0.00648	130	70-130	
Bromomethane	0.00500	0.00491	98	70-130	
Carbon disulfide	0.00500	0.00353	71	70-130	
Carbon tetrachloride	0.00500	0.00444	89	70-130	
1,1-Dichloroethane	0.00500	0.00476	95	70-130	
Chlorobenzene	0.00500	0.00495	99	70-130	
1,2-Dichloroethane	0.00500	0.00522	104	70-130	
Chloromethane	0.00500	0.00516	103	70-130	
1,1-Dichloroethene	0.00500	0.00467	93	70-130	
cis-1,3-Dichloropropene	0.00500	0.00542	108	70-130	
Dibromochloromethane	0.00500	0.00492	98	70-130	
1,2-Dichloropropane	0.00500	0.00508	102	70-130	
Bromodichloromethane	0.00500	0.00433	87	70-130	
Ethylbenzene	0.00500	0.00487	97	70-130	
2-Hexanone	0.0100	0.0109	109	70-130	
Methylene Chloride	0.00500	0.00528	106	70-130	
4-Methyl-2-pentanone (MIBK)	0.0100	0.0102	102	70-130	
Styrene	0.00500	0.00453	91	70-130	
1,1,2,2-Tetrachloroethane	0.00500	0.00525	105	70-130	
Tetrachloroethene	0.00500	0.00537	107	70-130	
Toluene	0.00500	0.00512	102	70-130	
Chloroform	0.00500	0.00471	94	70-130	
trans-1,3-Dichloropropene	0.00500	0.00425	85	70-130	
1,1,1-Trichloroethane	0.00500	0.00437	87	70-130	
Bromochloromethane	0.00500	0.00472	94	70-130	
1,1,2-Trichloroethane	0.00500	0.00567	113	70-130	
Trichloroethene	0.00500	0.00521	104	70-130	
Vinyl chloride	0.00500	0.00518	104	70-130	
Chloroethane	0.00500	0.00482	96	70-130	
Xylenes, Total	0.0150	0.0148	99	70-130	

Column to be used to flag recovery and RPD values

FORM III 8260B/DoD

FORM III
GC/MS VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 149157.D

Lab ID: 240-17317-7 MS Client ID: 068SS-0003M-0001-SO MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Acetone	96.5	5.0 U	74.2	77	20-160	
Benzene	48.2	0.40 U	40.1	83	75-125	
Bromochloromethane	48.2	0.80 U	41.1	85	70-125	
Bromodichloromethane	48.2	0.40 U	33.4	69	70-130	J
Bromoform	48.2	0.40 U	32.9	68	55-135	
Bromomethane	48.2	0.80 U	38.6	80	30-160	
2-Butanone (MEK)	96.5	1.6 U	83.1	86	30-160	
Carbon disulfide	48.2	0.69 J	30.6	62	45-160	
Carbon tetrachloride	48.2	0.40 U	39.2	81	65-135	
Chlorobenzene	48.2	0.40 U	27.7	57	75-125	J
Chloroethane	48.2	0.80 U	40.8	85	40-155	
Chloroform	48.2	0.40 U	41.0	85	70-125	
Chloromethane	48.2	0.40 U	44.4	92	50-130	
cis-1,3-Dichloropropene	48.2	0.40 U	32.8	68	70-125	J
Dibromochloromethane	48.2	0.80 U	34.1	71	65-130	
1,1-Dichloroethane	48.2	0.40 U	44.2	92	75-125	
1,2-Dichloroethane	48.2	0.40 U	43.2	89	70-135	
1,1-Dichloroethene	48.2	0.80 U	44.1	92	65-135	
1,2-Dichloropropane	48.2	0.80 U	41.6	86	70-120	
Ethylbenzene	48.2	0.40 U	25.8	53	75-125	J
2-Hexanone	96.5	0.80 U	96.3	100	45-145	
Methylene Chloride	48.2	0.80 U	40.8	85	55-140	
4-Methyl-2-pentanone (MIBK)	96.5	0.80 U	108	112	45-145	
Styrene	48.2	0.40 U	25.8	54	75-125	J
1,1,2,2-Tetrachloroethane	48.2	0.40 U	43.9	91	55-130	
Tetrachloroethene	48.2	0.80 U	29.9	62	65-140	J
Toluene	48.2	0.40 U	33.5	69	70-125	J
trans-1,3-Dichloropropene	48.2	0.80 U	31.9	66	65-125	
1,1,1-Trichloroethane	48.2	0.80 U	43.9	91	70-135	
1,1,2-Trichloroethane	48.2	0.40 U	43.5	90	60-125	
Trichloroethene	48.2	0.40 U	37.0	77	75-125	
Vinyl chloride	48.2	0.40 U	43.7	91	60-125	
Xylenes, Total	145	1.2 U	75.7	52	75-125	J

Column to be used to flag recovery and RPD values

FORM III 8260B/DoD

FORM III
GC/MS VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 149158.D

Lab ID: 240-17317-7 MSD Client ID: 068SS-0003M-0001-SO MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Acetone	90.4	88.1	97	17	30	20-160	
Benzene	45.2	39.4	87	2	30	75-125	
Bromochloromethane	45.2	40.5	90	1	30	70-125	
Bromodichloromethane	45.2	34.5	76	3	30	70-130	
Bromoform	45.2	34.8	77	5	30	55-135	
Bromomethane	45.2	36.3	80	6	30	30-160	
2-Butanone (MEK)	90.4	89.1	99	7	30	30-160	
Carbon disulfide	45.2	30.9	67	1	30	45-160	
Carbon tetrachloride	45.2	37.8	84	4	30	65-135	
Chlorobenzene	45.2	30.4	67	9	30	75-125	J
Chloroethane	45.2	38.0	84	7	30	40-155	
Chloroform	45.2	39.9	88	3	30	70-125	
Chloromethane	45.2	41.4	92	7	30	50-130	
cis-1,3-Dichloropropene	45.2	34.3	76	4	30	70-125	
Dibromochloromethane	45.2	36.6	81	7	30	65-130	
1,1-Dichloroethane	45.2	42.7	94	3	30	75-125	
1,2-Dichloroethane	45.2	41.7	92	3	30	70-135	
1,1-Dichloroethene	45.2	40.6	90	8	30	65-135	
1,2-Dichloropropane	45.2	40.9	90	2	30	70-120	
Ethylbenzene	45.2	29.7	66	14	30	75-125	J
2-Hexanone	90.4	94.4	104	2	30	45-145	
Methylene Chloride	45.2	39.1	87	4	30	55-140	
4-Methyl-2-pentanone (MIBK)	90.4	102	112	6	30	45-145	
Styrene	45.2	29.9	66	15	30	75-125	J
1,1,2,2-Tetrachloroethane	45.2	44.8	99	2	30	55-130	
Tetrachloroethene	45.2	32.5	72	8	30	65-140	
Toluene	45.2	35.2	78	5	30	70-125	
trans-1,3-Dichloropropene	45.2	33.7	75	6	30	65-125	
1,1,1-Trichloroethane	45.2	42.0	93	5	30	70-135	
1,1,2-Trichloroethane	45.2	43.4	96	0	30	60-125	
Trichloroethene	45.2	37.3	82	1	30	75-125	
Vinyl chloride	45.2	40.1	89	9	30	60-125	
Xylenes, Total	136	87.3	64	14	30	75-125	J

Column to be used to flag recovery and RPD values

FORM III 8260B/DoD

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab File ID: 149143.D Lab Sample ID: MB 240-64980/8

Matrix: Solid Heated Purge:(Y/N) Y

Instrument ID: A3UX14 Date Analyzed: 11/14/2012 14:23

GC Column: DB-624 ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 240-64980/7	149142.D	11/14/2012 14:01
076SS-0001M-0001-SO	240-17317-2	149153.D	11/14/2012 17:58
076SS-0006M-0001-SO	240-17317-4	149155.D	11/14/2012 18:41
068SS-0003M-0001-SO	240-17317-7	149156.D	11/14/2012 19:02
068SS-0003M-0001-SO MS	240-17317-7 MS	149157.D	11/14/2012 19:24
068SS-0003M-0001-SO MSD	240-17317-7 MSD	149158.D	11/14/2012 19:45
068SS-0004M-0001-SO	240-17317-8	149159.D	11/14/2012 20:07
076SS-0004M-0001-SO	240-17317-9	149160.D	11/14/2012 20:29
076SS-0003M-0001-SO	240-17317-10	149161.D	11/14/2012 20:50

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab File ID: 149176.D Lab Sample ID: MB 240-65171/8

Matrix: Solid Heated Purge:(Y/N) Y

Instrument ID: A3UX14 Date Analyzed: 11/15/2012 13:25

GC Column: DB-624 ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 240-65171/7	149175.D	11/15/2012 13:03
076SS-0002M-0001-SO	240-17317-1	149178.D	11/15/2012 14:08
076SS-0005M-0001-SO	240-17317-3	149179.D	11/15/2012 14:30

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab File ID: UXX0866.D Lab Sample ID: MB 240-64831/6

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: A3UX10 Date Analyzed: 11/13/2012 12:55

GC Column: DB-624 ID: 0.18(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 240-64831/4	UXX0864.D	11/13/2012 12:10
076SS-0027-0001-TB	240-17317-25	UXX0868.D	11/13/2012 13:59

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab File ID: BFB5043.D BFB Injection Date: 11/12/2012

Instrument ID: A3UX10 BFB Injection Time: 13:44

Analysis Batch No.: 64678

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	16.1	
75	30.0 - 60.0 % of mass 95	45.0	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.3	
173	Less than 2.0 % of mass 174	0.4	(0.5)1
174	50.0 - 120.00 % of mass 95	84.3	
175	5.0 - 9.0 % of mass 174	5.5	(6.5)1
176	95.0 - 101.0 % of mass 174	83.6	(99.2)1
177	5.0 - 9.0 % of mass 176	5.2	(6.2)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD8260 240-64678/2	UXX0846.D	11/12/2012	15:10
	STD8260 240-64678/3	UXX0847.D	11/12/2012	15:33
	STD8260 240-64678/4	UXX0848.D	11/12/2012	15:55
	STD8260 240-64678/5	UXX0849.D	11/12/2012	16:17
	STD8260 240-64678/6	UXX0850.D	11/12/2012	16:40
	STD8260 240-64678/7	UXX0851.D	11/12/2012	17:02
	STDA9 240-64678/8	UXX0852.D	11/12/2012	17:24
	STDA9 240-64678/9	UXX0853.D	11/12/2012	17:46
	STDA9 240-64678/10	UXX0854.D	11/12/2012	18:09
	STDA9 240-64678/11	UXX0855.D	11/12/2012	18:31
	STDA9 240-64678/12	UXX0856.D	11/12/2012	18:53
	STDA9 240-64678/13	UXX0857.D	11/12/2012	19:16
	ICV 240-64678/14	UXX0858.D	11/12/2012	19:38

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab File ID: BFB5045.D BFB Injection Date: 11/13/2012

Instrument ID: A3UX10 BFB Injection Time: 10:58

Analysis Batch No.: 64831

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	17.3	
75	30.0 - 60.0 % of mass 95	45.6	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.2	
173	Less than 2.0 % of mass 174	0.5	(0.7)1
174	50.0 - 120.00 % of mass 95	78.2	
175	5.0 - 9.0 % of mass 174	5.1	(6.5)1
176	95.0 - 101.0 % of mass 174	75.2	(96.2)1
177	5.0 - 9.0 % of mass 176	4.9	(6.5)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCV 240-64831/2	UXX0862.D	11/13/2012	11:25
	CCV 240-64831/3	UXX0863.D	11/13/2012	11:47
	LCS 240-64831/4	UXX0864.D	11/13/2012	12:10
	MRL 240-64831/5	UXX0865.D	11/13/2012	12:33
	MB 240-64831/6	UXX0866.D	11/13/2012	12:55
076SS-0027-0001-TB	240-17317-25	UXX0868.D	11/13/2012	13:59
	MRL 240-64831/12	UXX0872.D	11/13/2012	15:27

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab File ID: BFB14279.D BFB Injection Date: 11/13/2012

Instrument ID: A3UX14 BFB Injection Time: 16:10

Analysis Batch No.: 64859

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	27.1	
75	30.0 - 60.0 % of mass 95	49.8	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.9	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	84.1	
175	5.0 - 9.0 % of mass 174	6.2	(7.4)1
176	95.0 - 101.0 % of mass 174	82.1	(97.6)1
177	5.0 - 9.0 % of mass 176	5.4	(6.6)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 240-64859/3	149105.D	11/13/2012	16:53
	IC 240-64859/4	149106.D	11/13/2012	17:15
	IC 240-64859/5	149107.D	11/13/2012	17:36
	ICIS 240-64859/6	149108.D	11/13/2012	17:58
	IC 240-64859/7	149109.D	11/13/2012	18:19
	IC 240-64859/8	149110.D	11/13/2012	18:41
	IC 240-64859/9	149111.D	11/13/2012	19:02
	IC 240-64859/10	149112.D	11/13/2012	19:24
	IC 240-64859/11	149113.D	11/13/2012	19:45
	ICV 240-64859/21	149123.D	11/13/2012	23:21

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab File ID: BFB14280.D BFB Injection Date: 11/14/2012

Instrument ID: A3UX14 BFB Injection Time: 11:52

Analysis Batch No.: 64980

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	26.1	
75	30.0 - 60.0 % of mass 95	49.3	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.7	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	82.7	
175	5.0 - 9.0 % of mass 174	6.4	(7.7)1
176	95.0 - 101.0 % of mass 174	80.7	(97.7)1
177	5.0 - 9.0 % of mass 176	5.2	(6.5)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCV 240-64980/3	149138.D	11/14/2012	12:35
	CCV 240-64980/4	149139.D	11/14/2012	12:57
	MRL 240-64980/5	149140.D	11/14/2012	13:18
	LCS 240-64980/7	149142.D	11/14/2012	14:01
	MB 240-64980/8	149143.D	11/14/2012	14:23
076SS-0001M-0001-SO	240-17317-2	149153.D	11/14/2012	17:58
076SS-0006M-0001-SO	240-17317-4	149155.D	11/14/2012	18:41
068SS-0003M-0001-SO	240-17317-7	149156.D	11/14/2012	19:02
068SS-0003M-0001-SO MS	240-17317-7 MS	149157.D	11/14/2012	19:24
068SS-0003M-0001-SO MSD	240-17317-7 MSD	149158.D	11/14/2012	19:45
068SS-0004M-0001-SO	240-17317-8	149159.D	11/14/2012	20:07
076SS-0004M-0001-SO	240-17317-9	149160.D	11/14/2012	20:29
076SS-0003M-0001-SO	240-17317-10	149161.D	11/14/2012	20:50
	MRL 240-64980/33	149168.D	11/14/2012	23:21

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab File ID: BFB14281.D BFB Injection Date: 11/15/2012

Instrument ID: A3UX14 BFB Injection Time: 10:54

Analysis Batch No.: 65171

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	26.5	
75	30.0 - 60.0 % of mass 95	48.8	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.6	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	83.8	
175	5.0 - 9.0 % of mass 174	6.4	(7.7)1
176	95.0 - 101.0 % of mass 174	82.0	(97.9)1
177	5.0 - 9.0 % of mass 176	5.3	(6.5)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCV 240-65171/3	149171.D	11/15/2012	11:37
	CCV 240-65171/4	149172.D	11/15/2012	11:58
	MRL 240-65171/5	149173.D	11/15/2012	12:20
	LCS 240-65171/7	149175.D	11/15/2012	13:03
	MB 240-65171/8	149176.D	11/15/2012	13:25
076SS-0002M-0001-SO	240-17317-1	149178.D	11/15/2012	14:08
076SS-0005M-0001-SO	240-17317-3	149179.D	11/15/2012	14:30
	MRL 240-65171/29	149197.D	11/15/2012	21:17

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Sample No.: STD8260 240-64678/4 Date Analyzed: 11/12/2012 15:55

Instrument ID: A3UX10 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): UXX0848.D Heated Purge: (Y/N) N

Calibration ID: 12291

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		1810823	5.21	1245256	7.88	654209	10.13
UPPER LIMIT		3621646	5.71	2490512	8.38	1308418	10.63
LOWER LIMIT		905412	4.71	622628	7.38	327105	9.63
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 240-64678/14		1733806	5.20	1200825	7.88	656657	10.13
CCV 240-64831/2		1839118	5.21	1242750	7.88	643308	10.13
CCV 240-64831/3		1787210	5.20	1174475	7.88	595661	10.13
LCS 240-64831/4		1769688	5.21	1198428	7.88	646160	10.13
MRL 240-64831/5		1759380	5.20	1181717	7.88	617475	10.13
MB 240-64831/6		1739044	5.21	1174487	7.88	575968	10.13
240-17317-25	076SS-0027-0001-TB	1666338	5.21	1085459	7.88	507410	10.13
MRL 240-64831/12		1651119	5.21	1086824	7.88	561675	10.13

FB = Fluorobenzene
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B/DOD

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Sample No.: ICIS 240-64859/6 Date Analyzed: 11/13/2012 17:58

Instrument ID: A3UX14 GC Column: DB-624 ID: 0.18(mm)

Lab File ID (Standard): 149108.D Heated Purge: (Y/N) Y

Calibration ID: 12306

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		1409266	6.89	863084	9.59	502466	11.57
UPPER LIMIT		2818532	7.39	1726168	10.09	1004932	12.07
LOWER LIMIT		704633	6.39	431542	9.09	251233	11.07
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 240-64859/21		1402420	6.89	854220	9.59	486670	11.57
CCV 240-64980/3		1470862	6.89	885740	9.60	498264	11.57
CCV 240-64980/4		1468981	6.89	849356	9.59	475734	11.57
MRL 240-64980/5		1381950	6.89	775093	9.59	460392	11.57
LCS 240-64980/7		1212877	6.89	713375	9.60	399822	11.57
MB 240-64980/8		1385123	6.89	758736	9.59	439705	11.57
240-17317-2	076SS-0001M-0001-SO	1411214	6.89	756643	9.59	452279	11.57
240-17317-4	076SS-0006M-0001-SO	1389991	6.89	737088	9.59	368508	11.57
240-17317-7	068SS-0003M-0001-SO	1508187	6.89	854572	9.59	471274	11.57
240-17317-7 MS	068SS-0003M-0001-SO MS	1433918	6.89	844910	9.59	464777	11.57
240-17317-7 MSD	068SS-0003M-0001-SO MSD	1500938	6.89	879184	9.59	469993	11.57
240-17317-8	068SS-0004M-0001-SO	1536819	6.89	912195	9.59	505972	11.57
240-17317-9	076SS-0004M-0001-SO	1223783	6.89	466155	9.60	118161Q	11.57
240-17317-10	076SS-0003M-0001-SO	1437609	6.89	810413	9.59	393023	11.57
MRL 240-64980/33		1408920	6.89	813956	9.59	475795	11.57
CCV 240-65171/3		1544375	6.89	914414	9.60	487749	11.57
CCV 240-65171/4		1510710	6.89	849252	9.59	467693	11.57
MRL 240-65171/5		1409743	6.89	806452	9.59	463255	11.57
LCS 240-65171/7		1527929	6.89	912135	9.59	499171	11.57
MB 240-65171/8		1456000	6.89	834335	9.60	466314	11.57
240-17317-1	076SS-0002M-0001-SO	1228709	6.89	688102	9.59	369532	11.56
240-17317-3	076SS-0005M-0001-SO	1347246	6.89	620255	9.59	196431Q	11.57
MRL 240-65171/29		1532149	6.89	930246	9.59	522429	11.57

FB = Fluorobenzene
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B/DOD

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: 076SS-0002M-0001-SO | Lab Sample ID: 240-17317-1

Matrix: Solid | Lab File ID: 149178.D

Analysis Method: 8260B/DoD | Date Collected: 11/06/2012 08:40

Sample wt/vol: 5.929(g) | Date Analyzed: 11/15/2012 14:08

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 52.6 | Level: (low/med) Low

Analysis Batch No.: 65171 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
67-64-1	Acetone	25	J	36	11	11
71-43-2	Benzene	0.89	U	8.9	0.89	0.41
74-97-5	Bromochloromethane	1.8	U	8.9	1.8	1.3
75-27-4	Bromodichloromethane	0.89	U	8.9	0.89	0.50
75-25-2	Bromoform	0.89	U	8.9	0.89	0.59
74-83-9	Bromomethane	1.8	U	8.9	1.8	0.96
78-93-3	2-Butanone (MEK)	3.6	U	36	3.6	2.5
75-15-0	Carbon disulfide	0.89	U	8.9	0.89	0.78
56-23-5	Carbon tetrachloride	0.89	U	8.9	0.89	0.66
108-90-7	Chlorobenzene	0.89	U	8.9	0.89	0.59
75-00-3	Chloroethane	1.8	U	8.9	1.8	1.5
67-66-3	Chloroform	0.89	U	8.9	0.89	0.52
74-87-3	Chloromethane	0.89	U	8.9	0.89	0.73
10061-01-5	cis-1,3-Dichloropropene	0.89	U	8.9	0.89	0.60
124-48-1	Dibromochloromethane	1.8	U	8.9	1.8	0.98
106-93-4	1,2-Dibromoethane	1.8	U	8.9	1.8	0.89
75-34-3	1,1-Dichloroethane	0.89	U	8.9	0.89	0.64
107-06-2	1,2-Dichloroethane	0.89	U	8.9	0.89	0.60
75-35-4	1,1-Dichloroethene	1.8	U	8.9	1.8	0.92
540-59-0	1,2-Dichloroethene, Total	1.8	U	18	1.8	1.4
78-87-5	1,2-Dichloropropane	1.8	U	8.9	1.8	1.2
100-41-4	Ethylbenzene	0.89	U	8.9	0.89	0.46
591-78-6	2-Hexanone	1.8	U	36	1.8	1.1
75-09-2	Methylene Chloride	1.8	U	8.9	1.8	1.2
108-10-1	4-Methyl-2-pentanone (MIBK)	1.8	U	36	1.8	0.96
100-42-5	Styrene	0.89	U	8.9	0.89	0.27
79-34-5	1,1,2,2-Tetrachloroethane	0.89	U	8.9	0.89	0.60
127-18-4	Tetrachloroethene	1.8	U	8.9	1.8	0.92
108-88-3	Toluene	0.89	U	8.9	0.89	0.48
10061-02-6	trans-1,3-Dichloropropene	1.8	U	8.9	1.8	0.96
71-55-6	1,1,1-Trichloroethane	1.8	U	8.9	1.8	1.0
79-00-5	1,1,2-Trichloroethane	0.89	U	8.9	0.89	0.69
79-01-6	Trichloroethene	0.89	U	8.9	0.89	0.75
75-01-4	Vinyl chloride	0.89	U	8.9	0.89	0.69
1330-20-7	Xylenes, Total	2.7	U	18	2.7	1.2

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Client Sample ID: 076SS-0002M-0001-SO Lab Sample ID: 240-17317-1

Matrix: Solid Lab File ID: 149178.D

Analysis Method: 8260B/DoD Date Collected: 11/06/2012 08:40

Sample wt/vol: 5.929(g) Date Analyzed: 11/15/2012 14:08

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 52.6 Level: (low/med) Low

Analysis Batch No.: 65171 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	93		85-120
1868-53-7	Dibromofluoromethane (Surr)	83		59-138
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		61-130
2037-26-5	Toluene-d8 (Surr)	91		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX14\20121115-14986.b\149178.D
Lims ID: 240-17317-C-1-A Client ID: 076SS-0002M-0001-SO
Inject. Date: 15-Nov-2012 14:08:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-17317-c-1-a
Misc. Info.: 240-0014986-010 =240-0014986-010
Operator: 002808 Instrument ID: A3UX14
Purge Vol: 5.000 mL ALS Bottle#: 9
Lims Batch ID: 65171 Lims Sample ID: 10
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX14\20121115-14986.b\8260_14.m
Last Update: 16-Nov-2012 09:58:08 Calib Date: 13-Nov-2012 22:59:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX14\20121113-14916.b\149122.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK015

First Level Reviewer: macenczaks Date: 15-Nov-2012 15:26:16

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	1228709	50.0	
* 2 Chlorobenzene-d5	117	9.594	9.594	0.0	91	688102	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.559	11.570	-0.011	97	369532	50.0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	77	268693	41.3	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.542	6.541	0.001	93	341327	48.6	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	86	941143	45.6	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	90	286093	46.7	
13 Chloromethane	50		1.607					9
14 Vinyl chloride	62		1.737					
15 Bromomethane	94		2.069					9
16 Chloroethane	64		2.187					
21 1,1-Dichloroethene	96		3.146					
22 Acetone	43	3.252	3.252	0.0	95	35411	13.9	
26 Carbon disulfide	76		3.418					
30 Methylene Chloride	84	3.879	3.879	0.0	88	44908	0.1707	
33 trans-1,2-Dichloroethene	96		4.317					
34 Methyl tert-butyl ether	73		4.353					
36 1,1-Dichloroethane	63		4.921					
42 cis-1,2-Dichloroethene	96		5.654					
41 2-Butanone (MEK)	43		5.701					
47 Chlorobromomethane	128		5.926					
49 Chloroform	83		6.033					9
50 1,1,1-Trichloroethane	97		6.210					
53 Carbon tetrachloride	117		6.388					
55 Benzene	78		6.601					9
56 1,2-Dichloroethane	62		6.624					
60 Trichloroethene	130	7.240	7.240	0.0	53	1147	0.1479	
62 1,2-Dichloropropane	63		7.453					
67 Dichlorobromomethane	83		7.713					
70 cis-1,3-Dichloropropene	75		8.115					

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
71 4-Methyl-2-pentanone (MIBK)	43		8.257					9
72 Toluene	91	8.411	8.411	0.0	59	4151	0.1716	
73 trans-1,3-Dichloropropene	75		8.601					
75 1,1,2-Trichloroethane	97		8.766					9
77 Tetrachloroethene	164	8.885	8.885	0.0	54	588	0.1066	
78 2-Hexanone	43		8.979					
79 Chlorodibromomethane	129		9.109					
123 Ethylene Dibromide	107		9.204					
82 Chlorobenzene	112		9.618					9
84 Ethylbenzene	106	9.713	9.713	0.0	1	618	0.0722	7
10 m-Xylene & p-Xylene	106	9.807	9.808	-0.001	65	1578	0.1504	
85 o-Xylene	106		10.151					
86 Styrene	104		10.162					9
87 Bromoform	173		10.328					
90 1,1,2,2-Tetrachloroethane	83		10.707					
S 11 1,2-Dichloroethene, Total	96		1.140					
S 114 Xylenes, Total	106				0		0.1504	

QC Flag Legend

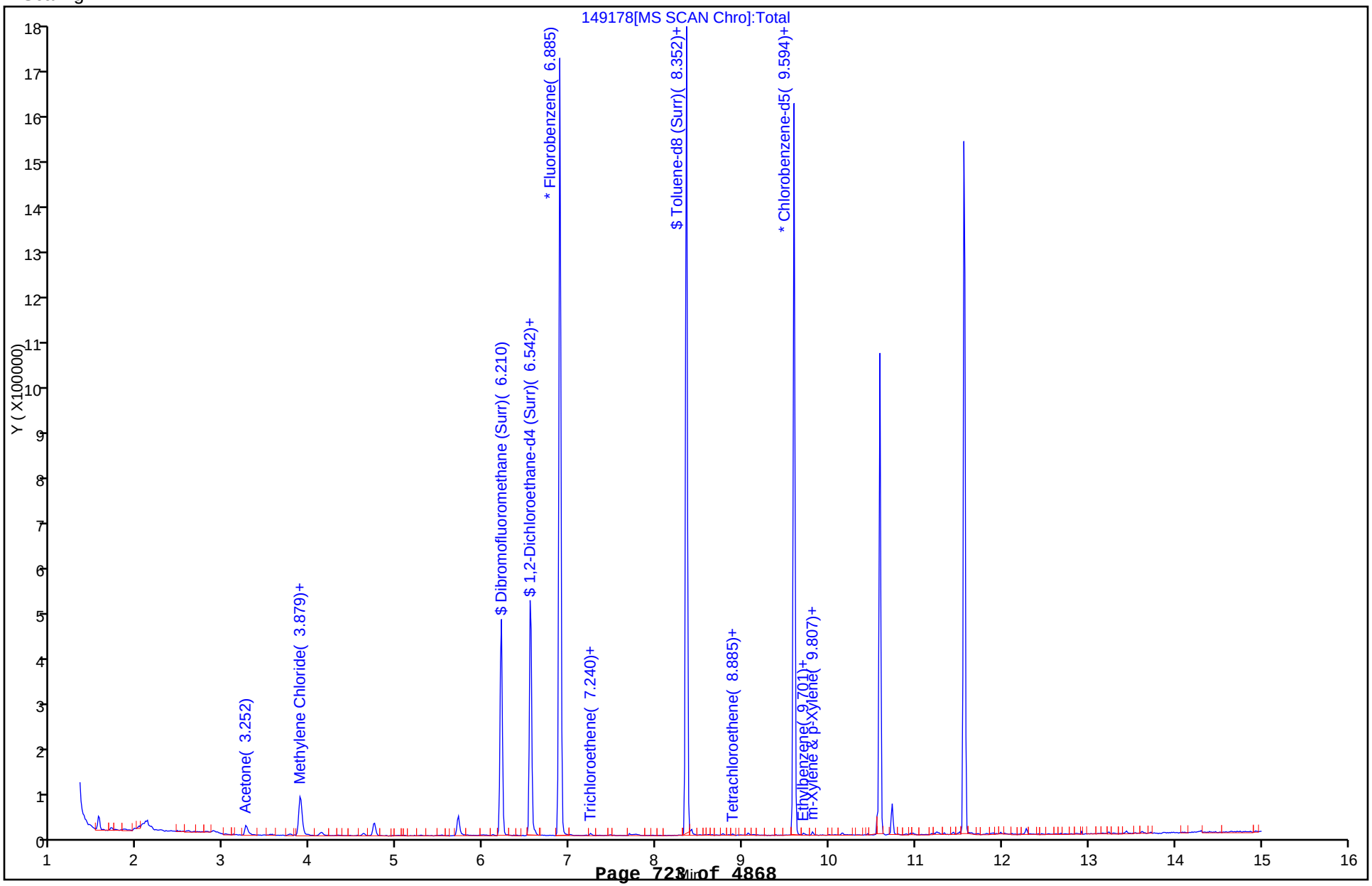
Processing Flags
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

Report Date: 16-Nov-2012 09:58:13 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\NCChrom\ChromData\A3UX14\20121115-14986.b\149178.D		
Injection Date:	15-Nov-2012 14:08:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SS-0002M-0001-SO	Instrument ID:	A3UX14
Lims Batch ID:	65171	Lims Sample ID:	10
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



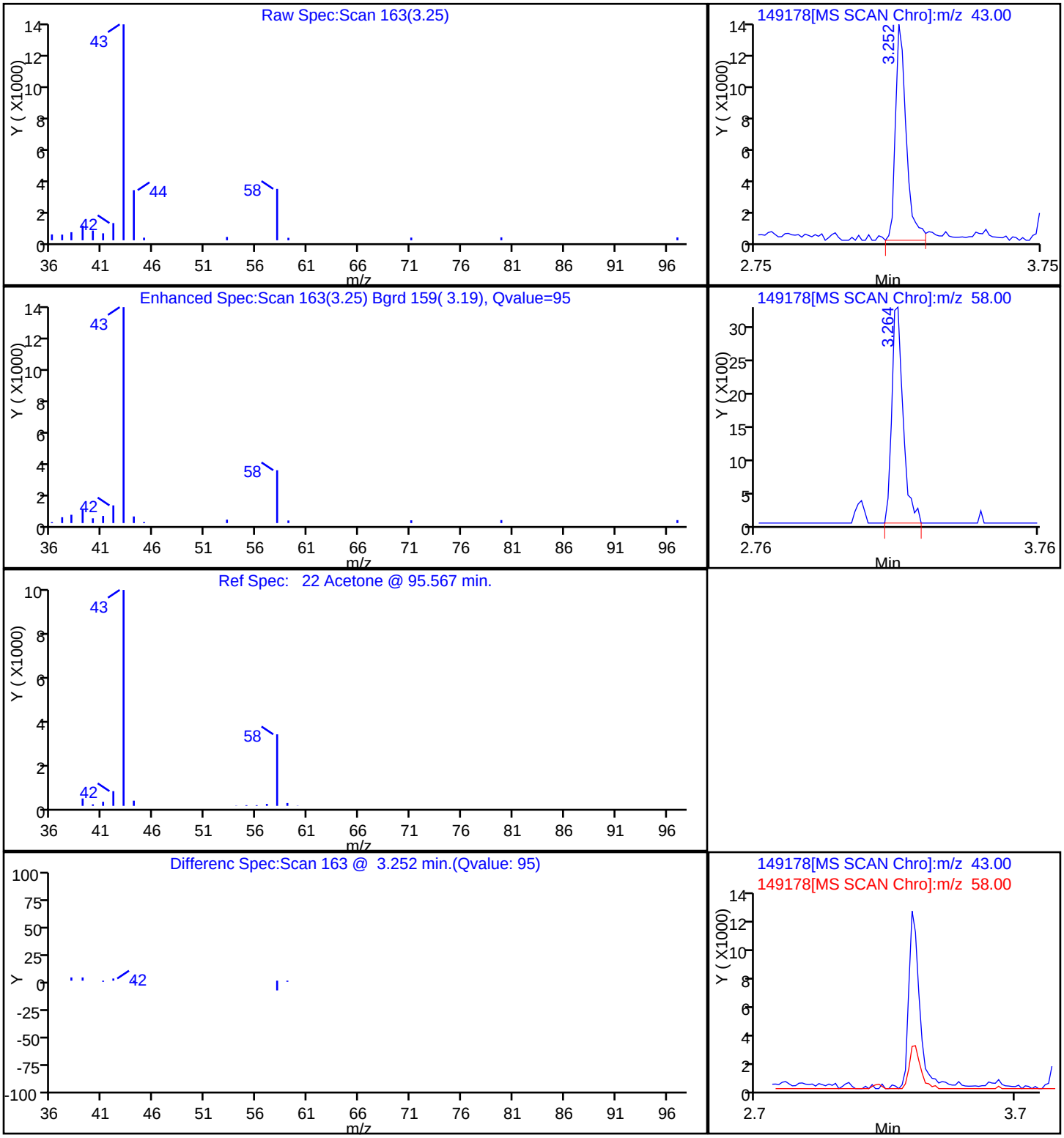
Report Date: 16-Nov-2012 09:58:13 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121115-14986.b\149178.D

Injection Date:	15-Nov-2012 14:08:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SS-0002M-0001-SO	Instrument ID:	A3UX14
Lims Batch ID:	65171	Lims Sample ID:	10
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

22 Acetone



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: 076SS-0001M-0001-SO | Lab Sample ID: 240-17317-2

Matrix: Solid | Lab File ID: 149153.D

Analysis Method: 8260B/DoD | Date Collected: 11/06/2012 09:23

Sample wt/vol: 6.361(g) | Date Analyzed: 11/14/2012 17:58

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 15.2 | Level: (low/med) Low

Analysis Batch No.: 64980 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
67-64-1	Acetone	5.8	U	19	5.8	5.8
71-43-2	Benzene	0.46	U	4.6	0.46	0.21
74-97-5	Bromochloromethane	0.93	U	4.6	0.93	0.66
75-27-4	Bromodichloromethane	0.46	U	4.6	0.46	0.26
75-25-2	Bromoform	0.46	U	4.6	0.46	0.31
74-83-9	Bromomethane	0.93	U	4.6	0.93	0.50
78-93-3	2-Butanone (MEK)	1.9	U	19	1.9	1.3
75-15-0	Carbon disulfide	0.79	J	4.6	0.46	0.41
56-23-5	Carbon tetrachloride	0.46	U	4.6	0.46	0.34
108-90-7	Chlorobenzene	0.46	U	4.6	0.46	0.31
75-00-3	Chloroethane	0.93	U	4.6	0.93	0.80
67-66-3	Chloroform	0.46	U	4.6	0.46	0.27
74-87-3	Chloromethane	0.46	U	4.6	0.46	0.38
10061-01-5	cis-1,3-Dichloropropene	0.46	U	4.6	0.46	0.32
124-48-1	Dibromochloromethane	0.93	U	4.6	0.93	0.51
106-93-4	1,2-Dibromoethane	0.93	U	4.6	0.93	0.46
75-34-3	1,1-Dichloroethane	0.46	U	4.6	0.46	0.33
107-06-2	1,2-Dichloroethane	0.46	U	4.6	0.46	0.32
75-35-4	1,1-Dichloroethene	0.93	U	4.6	0.93	0.48
540-59-0	1,2-Dichloroethene, Total	0.93	U	9.3	0.93	0.71
78-87-5	1,2-Dichloropropane	0.93	U	4.6	0.93	0.64
100-41-4	Ethylbenzene	0.46	U	4.6	0.46	0.24
591-78-6	2-Hexanone	0.93	U	19	0.93	0.58
75-09-2	Methylene Chloride	0.93	U	4.6	0.93	0.62
108-10-1	4-Methyl-2-pentanone (MIBK)	0.93	U	19	0.93	0.50
100-42-5	Styrene	0.46	U	4.6	0.46	0.14
79-34-5	1,1,2,2-Tetrachloroethane	0.46	U	4.6	0.46	0.32
127-18-4	Tetrachloroethene	0.93	U	4.6	0.93	0.48
108-88-3	Toluene	0.46	U	4.6	0.46	0.25
10061-02-6	trans-1,3-Dichloropropene	0.93	U	4.6	0.93	0.50
71-55-6	1,1,1-Trichloroethane	0.93	U	4.6	0.93	0.52
79-00-5	1,1,2-Trichloroethane	0.46	U	4.6	0.46	0.36
79-01-6	Trichloroethene	0.46	U	4.6	0.46	0.39
75-01-4	Vinyl chloride	0.46	U	4.6	0.46	0.36
1330-20-7	Xylenes, Total	1.4	U	9.3	1.4	0.62

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Client Sample ID: 076SS-0001M-0001-SO Lab Sample ID: 240-17317-2

Matrix: Solid Lab File ID: 149153.D

Analysis Method: 8260B/DoD Date Collected: 11/06/2012 09:23

Sample wt/vol: 6.361(g) Date Analyzed: 11/14/2012 17:58

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 15.2 Level: (low/med) Low

Analysis Batch No.: 64980 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	90		85-120
1868-53-7	Dibromofluoromethane (Surr)	79		59-138
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		61-130
2037-26-5	Toluene-d8 (Surr)	95		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX14\20121114-14942.b\149153.D
Lims ID: 240-17317-B-2-A Client ID: 076SS-0001M-0001-SO
Inject. Date: 14-Nov-2012 17:58:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-17317-b-2-a
Misc. Info.: 240-0014942-018 =240-0014942-018
Operator: 002808 Instrument ID: A3UX14
Purge Vol: 5.000 mL ALS Bottle#: 17
Lims Batch ID: 64980 Lims Sample ID: 18
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX14\20121114-14942.b\8260_14.m
Last Update: 15-Nov-2012 10:40:32 Calib Date: 13-Nov-2012 22:59:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX14\20121113-14916.b\149122.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK015

First Level Reviewer: macenczaks Date: 15-Nov-2012 09:39:15

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	1411214	50.0	
* 2 Chlorobenzene-d5	117	9.594	9.594	0.0	91	756643	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.570	11.571	-0.001	99	452279	50.0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	63	295067	39.5	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.541	6.542	-0.001	92	409428	50.9	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	85	1071585	47.3	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	89	338388	45.2	
13 Chloromethane	50		1.607					9
14 Vinyl chloride	62		1.737					
15 Bromomethane	94		2.069					
16 Chloroethane	64		2.187					
21 1,1-Dichloroethene	96		3.146					
22 Acetone	43	3.264	3.252	0.012	89	13525	0.2364	
26 Carbon disulfide	76	3.406	3.418	-0.012	59	885	0.8474	
30 Methylene Chloride	84		3.891					
33 trans-1,2-Dichloroethene	96		4.317					
34 Methyl tert-butyl ether	73		4.353					
36 1,1-Dichloroethane	63		4.921					
42 cis-1,2-Dichloroethene	96		5.654					
41 2-Butanone (MEK)	43		5.701					
47 Chlorobromomethane	128		5.926					
49 Chloroform	83		6.033					9
50 1,1,1-Trichloroethane	97		6.210					
53 Carbon tetrachloride	117		6.388					
55 Benzene	78		6.601					9
56 1,2-Dichloroethane	62		6.624					
60 Trichloroethene	130		7.240					9
62 1,2-Dichloropropane	63		7.453					
67 Dichlorobromomethane	83		7.713					
70 cis-1,3-Dichloropropene	75		8.115					

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
71 4-Methyl-2-pentanone (MIBK)	43		8.257					
72 Toluene	91	8.411	8.411	0.0	55	3084	0.1159	
73 trans-1,3-Dichloropropene	75		8.601					
75 1,1,2-Trichloroethane	97		8.766					
77 Tetrachloroethene	164		8.885					
78 2-Hexanone	43		8.979					9
79 Chlorodibromomethane	129		9.109					
123 Ethylene Dibromide	107		9.204					
82 Chlorobenzene	112		9.618					9
84 Ethylbenzene	106		9.713					
10 m-Xylene & p-Xylene	106	9.807	9.807	0.0	67	1379	0.1195	
85 o-Xylene	106		10.151					
86 Styrene	104		10.162					9
87 Bromoform	173		10.328					
90 1,1,2,2-Tetrachloroethane	83		10.707					9
S 11 1,2-Dichloroethene, Total	96		1.140					
S 114 Xylenes, Total	106				0		0.1195	

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

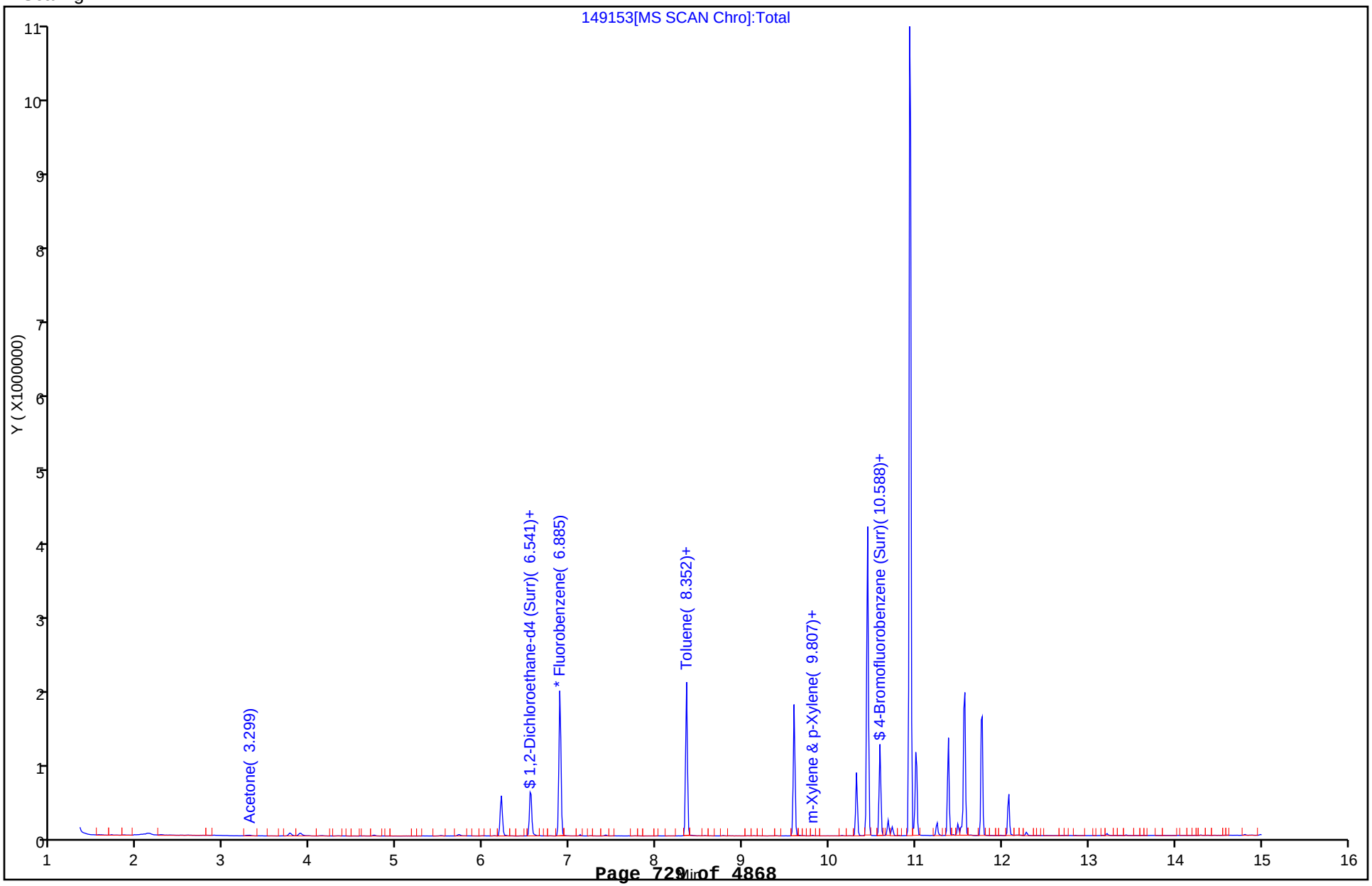
Report Date: 16-Nov-2012 16:03:42 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121114-14942.b\149153.D

Injection Date:	14-Nov-2012 17:58:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SS-0001M-0001-SO	Instrument ID:	A3UX14
Lims Batch ID:	64980	Lims Sample ID:	18
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



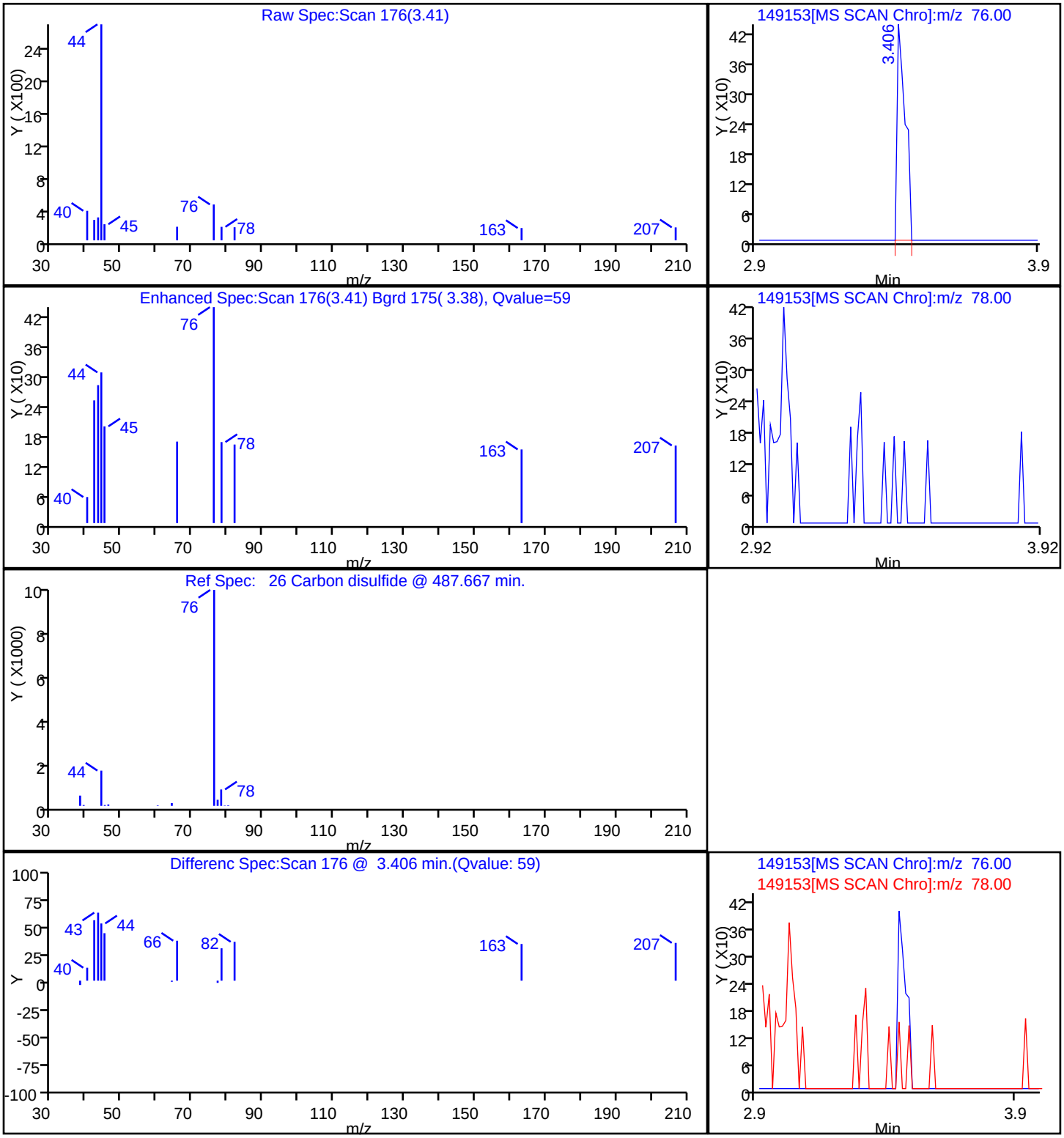
Report Date: 16-Nov-2012 16:03:42 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121114-14942.b\149153.D

Injection Date:	14-Nov-2012 17:58:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SS-0001M-0001-SO	Instrument ID:	A3UX14
Lims Batch ID:	64980	Lims Sample ID:	18
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

26 Carbon disulfide



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: 076SS-0005M-0001-SO | Lab Sample ID: 240-17317-3

Matrix: Solid | Lab File ID: 149179.D

Analysis Method: 8260B/DoD | Date Collected: 11/06/2012 18:30

Sample wt/vol: 4.152(g) | Date Analyzed: 11/15/2012 14:30

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 11.5 | Level: (low/med) Low

Analysis Batch No.: 65171 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
67-64-1	Acetone	11	J	27	8.6	8.6
71-43-2	Benzene	0.68	U	6.8	0.68	0.31
74-97-5	Bromochloromethane	1.4	U	6.8	1.4	0.97
75-27-4	Bromodichloromethane	0.68	U	6.8	0.68	0.38
75-25-2	Bromoform	0.68	U	6.8	0.68	0.45
74-83-9	Bromomethane	1.4	U	6.8	1.4	0.73
78-93-3	2-Butanone (MEK)	2.7	U	27	2.7	1.9
75-15-0	Carbon disulfide	0.68	U	6.8	0.68	0.60
56-23-5	Carbon tetrachloride	0.68	U	6.8	0.68	0.50
108-90-7	Chlorobenzene	0.68	U	6.8	0.68	0.45
75-00-3	Chloroethane	1.4	U	6.8	1.4	1.2
67-66-3	Chloroform	0.68	U	6.8	0.68	0.39
74-87-3	Chloromethane	0.68	U	6.8	0.68	0.56
10061-01-5	cis-1,3-Dichloropropene	0.68	U	6.8	0.68	0.46
124-48-1	Dibromochloromethane	1.4	U	6.8	1.4	0.75
106-93-4	1,2-Dibromoethane	1.4	U	6.8	1.4	0.68
75-34-3	1,1-Dichloroethane	0.68	U	6.8	0.68	0.49
107-06-2	1,2-Dichloroethane	0.68	U	6.8	0.68	0.46
75-35-4	1,1-Dichloroethene	1.4	U	6.8	1.4	0.71
540-59-0	1,2-Dichloroethene, Total	1.4	U	14	1.4	1.0
78-87-5	1,2-Dichloropropane	1.4	U	6.8	1.4	0.94
100-41-4	Ethylbenzene	0.68	U	6.8	0.68	0.35
591-78-6	2-Hexanone	1.4	U	27	1.4	0.86
75-09-2	Methylene Chloride	1.4	U	6.8	1.4	0.91
108-10-1	4-Methyl-2-pentanone (MIBK)	1.4	U	27	1.4	0.73
100-42-5	Styrene	0.68	U	6.8	0.68	0.20
79-34-5	1,1,2,2-Tetrachloroethane	0.68	U	6.8	0.68	0.46
127-18-4	Tetrachloroethene	1.4	U	6.8	1.4	0.71
108-88-3	Toluene	0.68	U	6.8	0.68	0.37
10061-02-6	trans-1,3-Dichloropropene	1.4	U	6.8	1.4	0.73
71-55-6	1,1,1-Trichloroethane	1.4	U	6.8	1.4	0.76
79-00-5	1,1,2-Trichloroethane	0.68	U	6.8	0.68	0.53
79-01-6	Trichloroethene	0.68	U	6.8	0.68	0.57
75-01-4	Vinyl chloride	0.68	U	6.8	0.68	0.53
1330-20-7	Xylenes, Total	2.0	U	14	2.0	0.91

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Client Sample ID: 076SS-0005M-0001-SO Lab Sample ID: 240-17317-3

Matrix: Solid Lab File ID: 149179.D

Analysis Method: 8260B/DoD Date Collected: 11/06/2012 18:30

Sample wt/vol: 4.152(g) Date Analyzed: 11/15/2012 14:30

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 11.5 Level: (low/med) Low

Analysis Batch No.: 65171 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	137	Q	85-120
1868-53-7	Dibromofluoromethane (Surr)	83		59-138
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		61-130
2037-26-5	Toluene-d8 (Surr)	109		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX14\20121115-14986.b\149179.D
Lims ID: 240-17317-C-3-A Client ID: 076SS-0005M-0001-SO
Inject. Date: 15-Nov-2012 14:30:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-17317-c-3-a
Misc. Info.: 240-0014986-011 =240-0014986-011
Operator: 002808 Instrument ID: A3UX14
Purge Vol: 5.000 mL ALS Bottle#: 10
Lims Batch ID: 65171 Lims Sample ID: 11
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX14\20121115-14986.b\8260_14.m
Last Update: 16-Nov-2012 09:58:08 Calib Date: 13-Nov-2012 22:59:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX14\20121113-14916.b\149122.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK015

First Level Reviewer: macenczaks Date: 15-Nov-2012 15:27:06

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	1347246	50.0	
* 2 Chlorobenzene-d5	117	9.594	9.594	0.0	90	620255	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.570	11.570	0.0	98	196431	50.0	s
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	67	296893	41.7	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.541	6.541	0.0	93	392914	51.1	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	86	1012280	54.6	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	88	224211	68.4	
13 Chloromethane	50		1.607					9
14 Vinyl chloride	62		1.737					
15 Bromomethane	94		2.069					9
16 Chloroethane	64		2.187					
21 1,1-Dichloroethene	96		3.146					9
22 Acetone	43	3.264	3.252	0.012	95	28032	8.22	
26 Carbon disulfide	76		3.418					9
30 Methylene Chloride	84		3.879					
33 trans-1,2-Dichloroethene	96		4.317					
34 Methyl tert-butyl ether	73		4.353					
36 1,1-Dichloroethane	63		4.921					
42 cis-1,2-Dichloroethene	96		5.654					
41 2-Butanone (MEK)	43		5.701					
47 Chlorobromomethane	128		5.926					
49 Chloroform	83		6.033					
50 1,1,1-Trichloroethane	97		6.210					
53 Carbon tetrachloride	117		6.388					
55 Benzene	78		6.601					9
56 1,2-Dichloroethane	62		6.624					
60 Trichloroethene	130		7.240					9
62 1,2-Dichloropropane	63		7.453					
67 Dichlorobromomethane	83		7.713					
70 cis-1,3-Dichloropropene	75		8.115					

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
71 4-Methyl-2-pentanone (MIBK)	43		8.257					9
72 Toluene	91	8.411	8.411	0.0	80	4592	0.2106	
73 trans-1,3-Dichloropropene	75		8.601					
75 1,1,2-Trichloroethane	97		8.766					
77 Tetrachloroethene	164		8.885					9
78 2-Hexanone	43		8.979					9
79 Chlorodibromomethane	129		9.109					
123 Ethylene Dibromide	107		9.204					
82 Chlorobenzene	112		9.618					9
84 Ethylbenzene	106	9.713	9.713	0.0	30	539	0.0698	7
10 m-Xylene & p-Xylene	106	9.807	9.808	-0.001	92	2056	0.2174	
85 o-Xylene	106		10.151					
86 Styrene	104		10.162					9
87 Bromoform	173		10.328					
90 1,1,2,2-Tetrachloroethane	83		10.707					
S 11 1,2-Dichloroethene, Total	96		1.140					
S 114 Xylenes, Total	106				0		0.2174	

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test
s - Failed ISTD Recovery Test

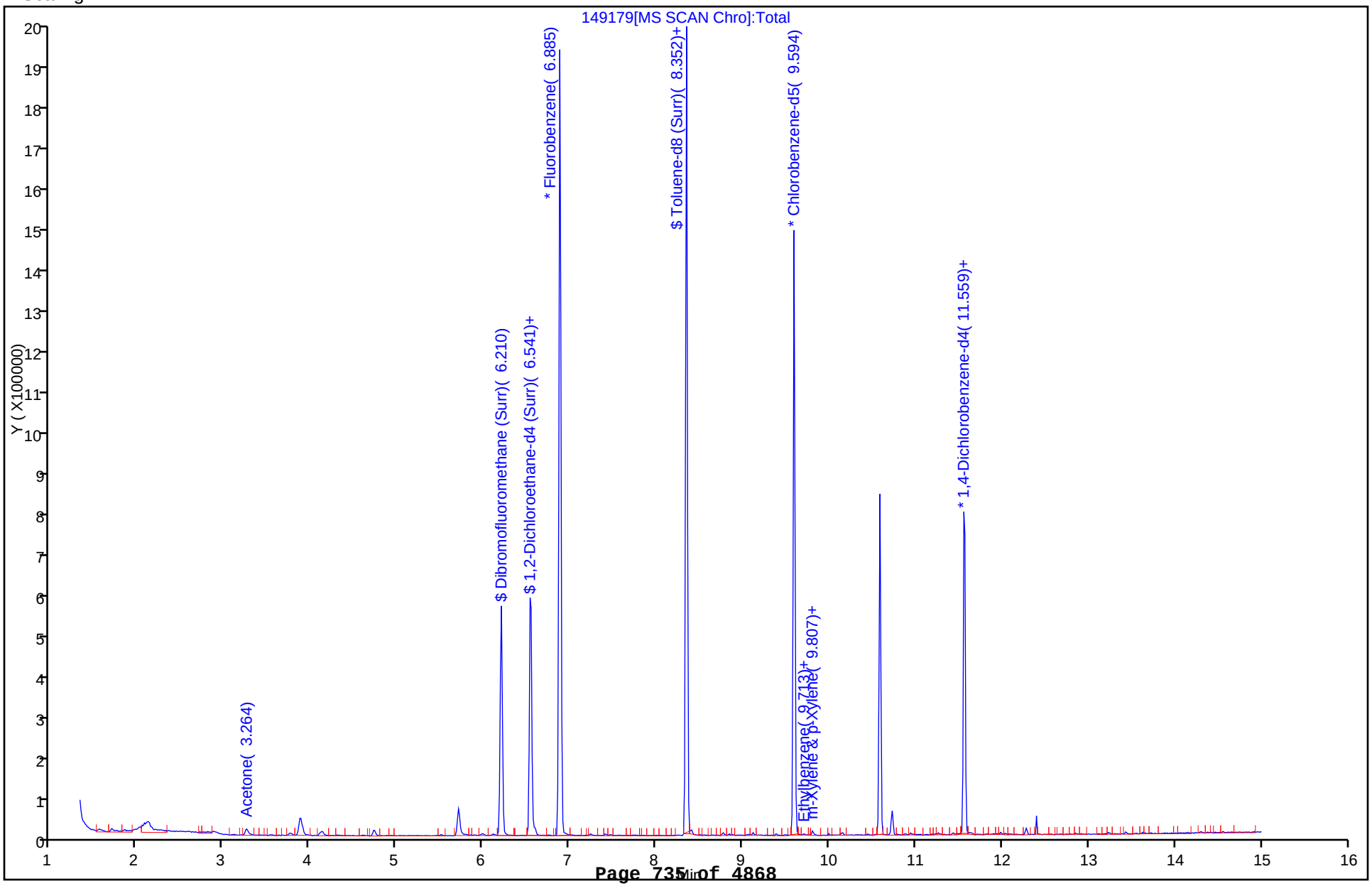
Report Date: 16-Nov-2012 09:58:14 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121115-14986.b\149179.D

Injection Date:	15-Nov-2012 14:30:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SS-0005M-0001-SO	Instrument ID:	A3UX14
Lims Batch ID:	65171	Lims Sample ID:	11
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



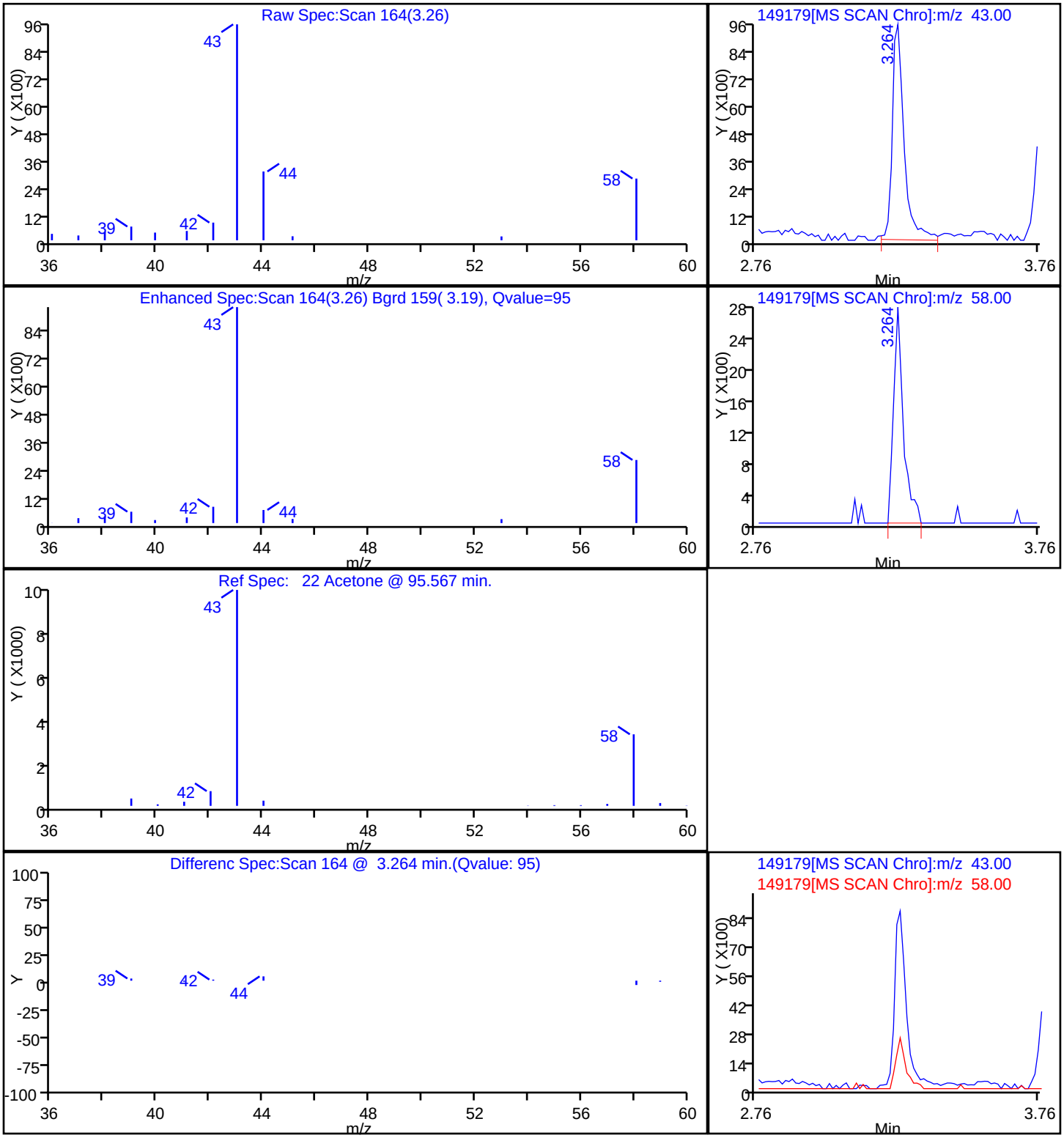
Report Date: 16-Nov-2012 09:58:14 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121115-14986.b\149179.D

Injection Date:	15-Nov-2012 14:30:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SS-0005M-0001-SO	Instrument ID:	A3UX14
Lims Batch ID:	65171	Lims Sample ID:	11
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

22 Acetone



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: 076SS-0006M-0001-SO | Lab Sample ID: 240-17317-4

Matrix: Solid | Lab File ID: 149155.D

Analysis Method: 8260B/DoD | Date Collected: 11/06/2012 18:00

Sample wt/vol: 5.13(g) | Date Analyzed: 11/14/2012 18:41

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 16.8 | Level: (low/med) Low

Analysis Batch No.: 64980 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
67-64-1	Acetone	46		23	7.4	7.4
71-43-2	Benzene	0.59	U	5.9	0.59	0.27
74-97-5	Bromochloromethane	1.2	U	5.9	1.2	0.83
75-27-4	Bromodichloromethane	0.59	U	5.9	0.59	0.33
75-25-2	Bromoform	0.59	U	5.9	0.59	0.39
74-83-9	Bromomethane	1.2	U	5.9	1.2	0.63
78-93-3	2-Butanone (MEK)	2.3	U	23	2.3	1.6
75-15-0	Carbon disulfide	1.0	J	5.9	0.59	0.52
56-23-5	Carbon tetrachloride	0.59	U	5.9	0.59	0.43
108-90-7	Chlorobenzene	0.59	U	5.9	0.59	0.39
75-00-3	Chloroethane	1.2	U	5.9	1.2	1.0
67-66-3	Chloroform	0.59	U	5.9	0.59	0.34
74-87-3	Chloromethane	0.59	U	5.9	0.59	0.48
10061-01-5	cis-1,3-Dichloropropene	0.59	U	5.9	0.59	0.40
124-48-1	Dibromochloromethane	1.2	U	5.9	1.2	0.64
106-93-4	1,2-Dibromoethane	1.2	U	5.9	1.2	0.59
75-34-3	1,1-Dichloroethane	0.59	U	5.9	0.59	0.42
107-06-2	1,2-Dichloroethane	0.59	U	5.9	0.59	0.40
75-35-4	1,1-Dichloroethene	1.2	U	5.9	1.2	0.61
540-59-0	1,2-Dichloroethene, Total	1.2	U	12	1.2	0.90
78-87-5	1,2-Dichloropropane	1.2	U	5.9	1.2	0.81
100-41-4	Ethylbenzene	0.59	U	5.9	0.59	0.30
591-78-6	2-Hexanone	1.2	U	23	1.2	0.74
75-09-2	Methylene Chloride	1.2	U	5.9	1.2	0.79
108-10-1	4-Methyl-2-pentanone (MIBK)	1.2	U	23	1.2	0.63
100-42-5	Styrene	0.59	U	5.9	0.59	0.18
79-34-5	1,1,2,2-Tetrachloroethane	0.59	U	5.9	0.59	0.40
127-18-4	Tetrachloroethene	1.2	U	5.9	1.2	0.61
108-88-3	Toluene	0.59	U	5.9	0.59	0.32
10061-02-6	trans-1,3-Dichloropropene	1.2	U	5.9	1.2	0.63
71-55-6	1,1,1-Trichloroethane	1.2	U	5.9	1.2	0.66
79-00-5	1,1,2-Trichloroethane	0.59	U	5.9	0.59	0.46
79-01-6	Trichloroethene	0.59	U	5.9	0.59	0.49
75-01-4	Vinyl chloride	0.59	U	5.9	0.59	0.46
1330-20-7	Xylenes, Total	1.8	U	12	1.8	0.79

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Client Sample ID: 076SS-0006M-0001-SO Lab Sample ID: 240-17317-4

Matrix: Solid Lab File ID: 149155.D

Analysis Method: 8260B/DoD Date Collected: 11/06/2012 18:00

Sample wt/vol: 5.13(g) Date Analyzed: 11/14/2012 18:41

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 16.8 Level: (low/med) Low

Analysis Batch No.: 64980 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	100		85-120
1868-53-7	Dibromofluoromethane (Surr)	79		59-138
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		61-130
2037-26-5	Toluene-d8 (Surr)	100		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX14\20121114-14942.b\149155.D
Lims ID: 240-17317-B-4-A
Client ID: 076SS-0006M-0001-SO
Inject. Date: 14-Nov-2012 18:41:30
Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-17317-b-4-a
Misc. Info.: 240-0014942-020 =240-0014942-020
Operator: 002808
Instrument ID: A3UX14
Purge Vol: 5.000 mL
ALS Bottle#: 19
Lims Batch ID: 64980
Lims Sample ID: 20
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX14\20121114-14942.b\8260_14.m
Last Update: 15-Nov-2012 10:40:32
Calib Date: 13-Nov-2012 22:59:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX14\20121113-14916.b\149122.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: DB-624
Column Dia: 0.18 mm
Process Host: XAWRK015

First Level Reviewer: macenczaks
Date: 15-Nov-2012 09:39:59

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	1389991	50.0	
* 2 Chlorobenzene-d5	117	9.594	9.594	0.0	96	737088	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.570	11.571	-0.001	98	368508	50.0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	63	290210	39.4	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.541	6.542	-0.001	93	385587	48.6	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	95	1104373	50.1	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	89	306444	50.2	
13 Chloromethane	50		1.607					9
14 Vinyl chloride	62		1.737					
15 Bromomethane	94		2.069					9
16 Chloroethane	64		2.187					
21 1,1-Dichloroethene	96		3.146					
22 Acetone	43	3.264	3.252	0.012	97	90084	39.5	
26 Carbon disulfide	76	3.418	3.418	0.0	55	1666	0.8808	
30 Methylene Chloride	84		3.891					
33 trans-1,2-Dichloroethene	96		4.317					
34 Methyl tert-butyl ether	73		4.353					
36 1,1-Dichloroethane	63		4.921					
42 cis-1,2-Dichloroethene	96		5.654					
41 2-Butanone (MEK)	43		5.701					
47 Chlorobromomethane	128		5.926					
49 Chloroform	83		6.033					9
50 1,1,1-Trichloroethane	97		6.210					
53 Carbon tetrachloride	117		6.388					
55 Benzene	78		6.601					9
56 1,2-Dichloroethane	62		6.624					
60 Trichloroethene	130		7.240					9
62 1,2-Dichloropropane	63		7.453					
67 Dichlorobromomethane	83		7.713					
70 cis-1,3-Dichloropropene	75		8.115					

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
71 4-Methyl-2-pentanone (MIBK)	43		8.257					9
72 Toluene	91	8.411	8.411	0.0	71	3415	0.1318	
73 trans-1,3-Dichloropropene	75		8.601					
75 1,1,2-Trichloroethane	97		8.766					
77 Tetrachloroethene	164		8.885					9
78 2-Hexanone	43		8.979					9
79 Chlorodibromomethane	129		9.109					
123 Ethylene Dibromide	107		9.204					
82 Chlorobenzene	112		9.618					9
84 Ethylbenzene	106		9.713					9
10 m-Xylene & p-Xylene	106		9.807					9
85 o-Xylene	106		10.151					
86 Styrene	104		10.162					9
87 Bromoform	173		10.328					
90 1,1,2,2-Tetrachloroethane	83		10.707					
S 11 1,2-Dichloroethene, Total	96		1.140					
S 114 Xylenes, Total	106		16.530					

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

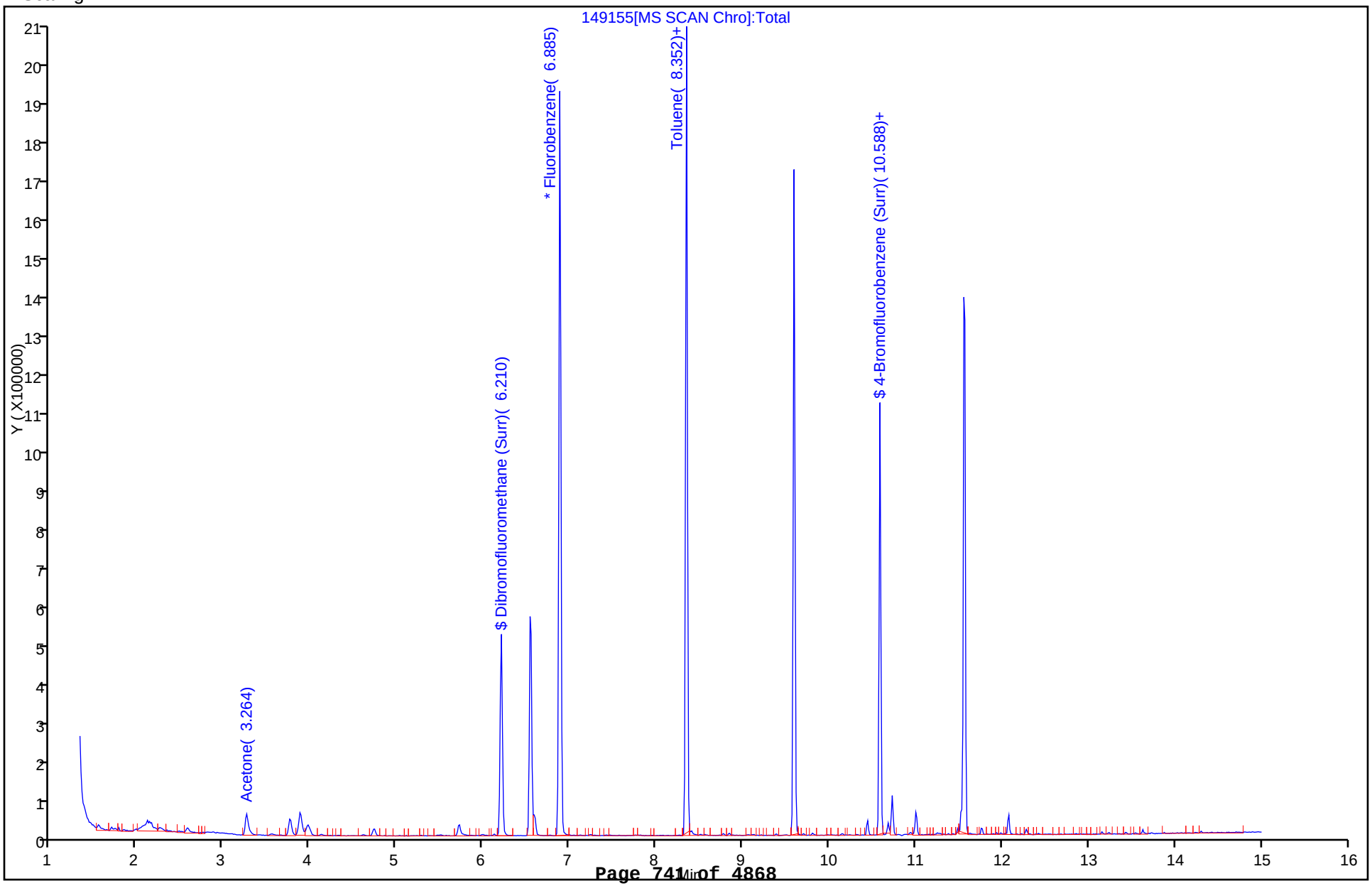
Report Date: 16-Nov-2012 16:03:43 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121114-14942.b\149155.D

Injection Date:	14-Nov-2012 18:41:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SS-0006M-0001-SO	Instrument ID:	A3UX14
Lims Batch ID:	64980	Lims Sample ID:	20
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



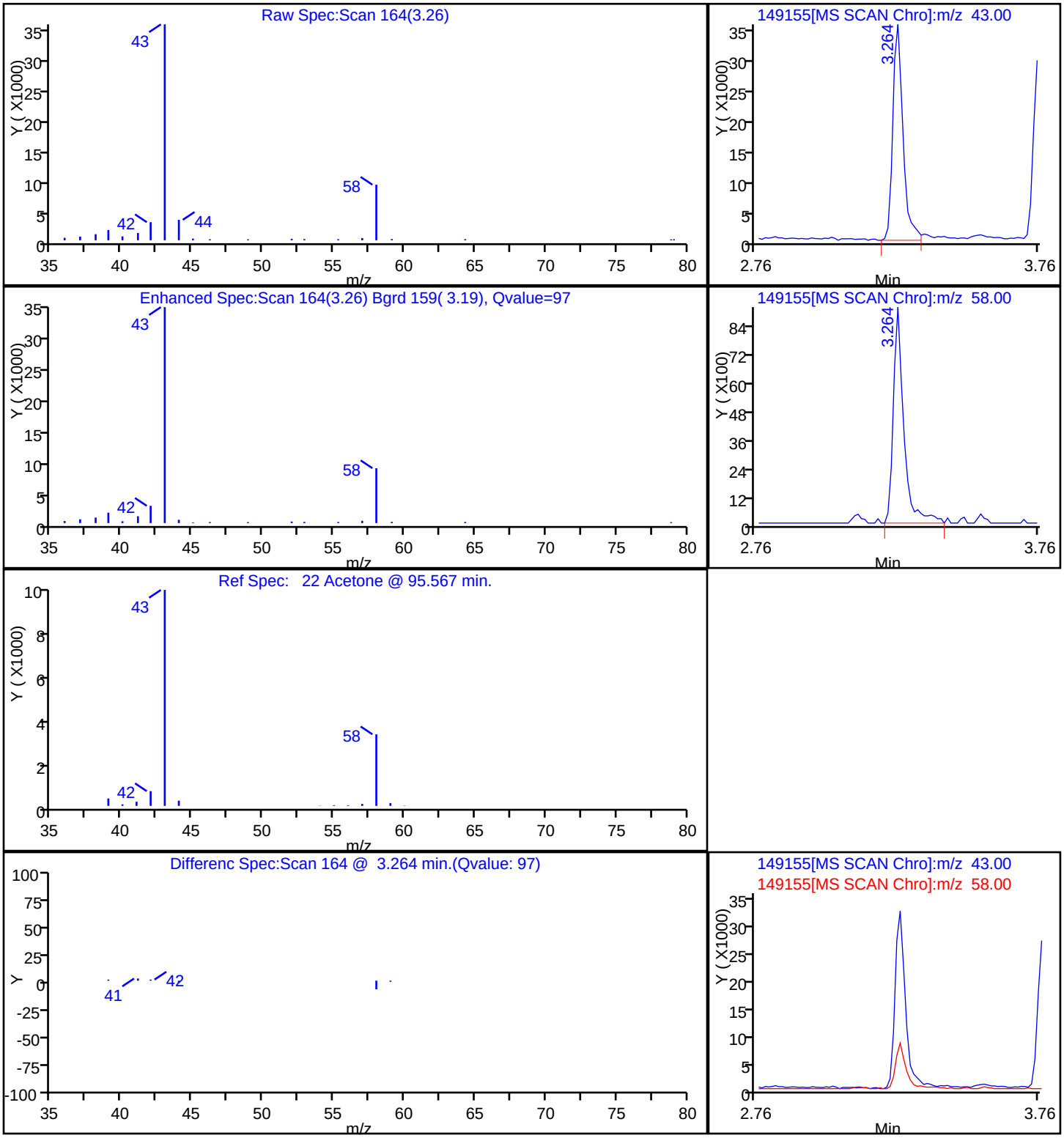
Report Date: 16-Nov-2012 16:03:43 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121114-14942.b\149155.D

Injection Date:	14-Nov-2012 18:41:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SS-0006M-0001-SO	Instrument ID:	A3UX14
Lims Batch ID:	64980	Lims Sample ID:	20
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

22 Acetone



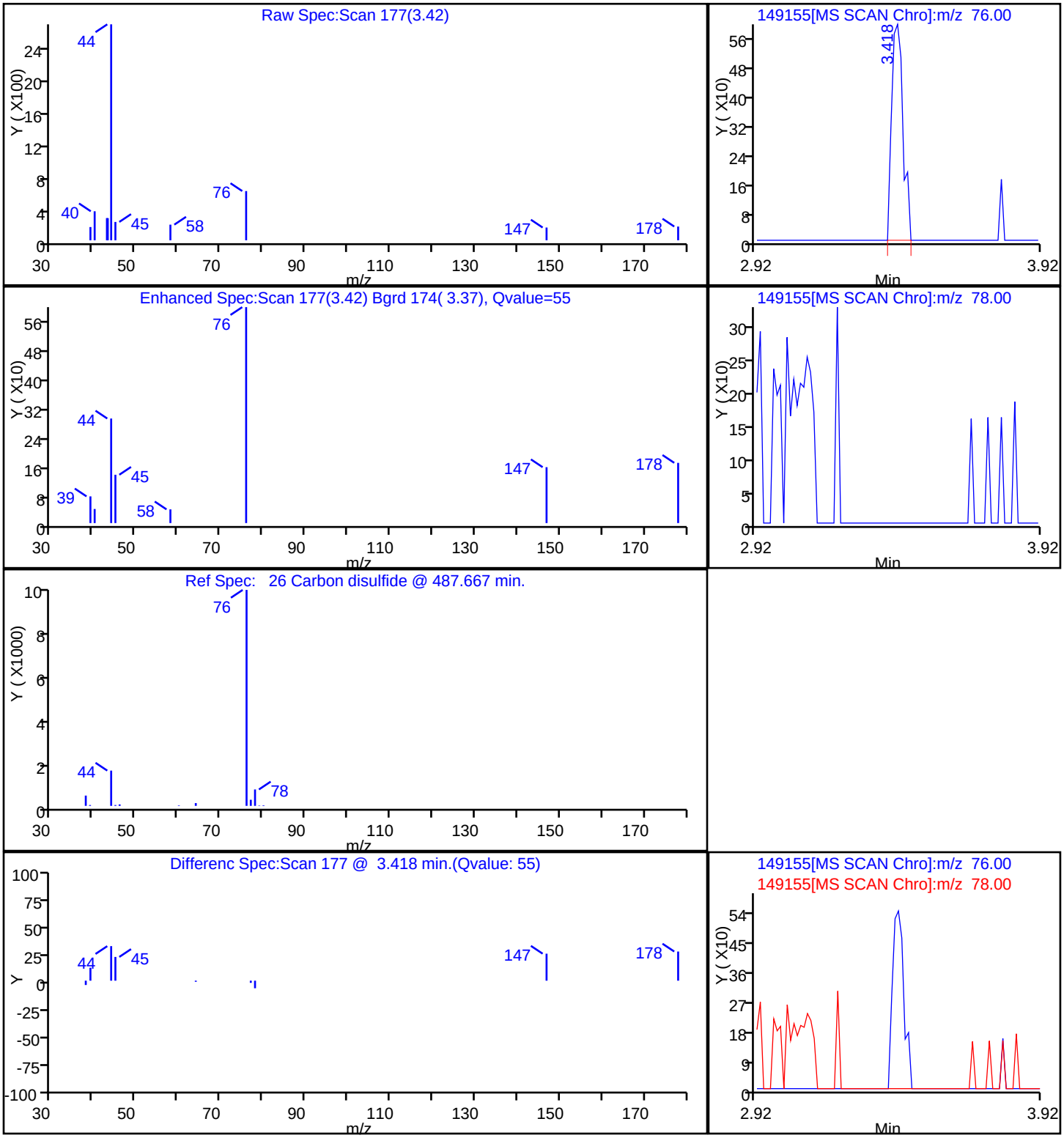
Report Date: 16-Nov-2012 16:03:43 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121114-14942.b\149155.D

Injection Date:	14-Nov-2012 18:41:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SS-0006M-0001-SO	Instrument ID:	A3UX14
Lims Batch ID:	64980	Lims Sample ID:	20
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

26 Carbon disulfide



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: 068SS-0003M-0001-SO | Lab Sample ID: 240-17317-7

Matrix: Solid | Lab File ID: 149156.D

Analysis Method: 8260B/DoD | Date Collected: 11/06/2012 12:00

Sample wt/vol: 7.124(g) | Date Analyzed: 11/14/2012 19:02

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 12.3 | Level: (low/med) Low

Analysis Batch No.: 64980 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
67-64-1	Acetone	5.0	U	16	5.0	5.0
71-43-2	Benzene	0.40	U	4.0	0.40	0.18
74-97-5	Bromochloromethane	0.80	U	4.0	0.80	0.57
75-27-4	Bromodichloromethane	0.40	U J	4.0	0.40	0.22
75-25-2	Bromoform	0.40	U	4.0	0.40	0.26
74-83-9	Bromomethane	0.80	U	4.0	0.80	0.43
78-93-3	2-Butanone (MEK)	1.6	U	16	1.6	1.1
75-15-0	Carbon disulfide	0.69	J	4.0	0.40	0.35
56-23-5	Carbon tetrachloride	0.40	U	4.0	0.40	0.30
108-90-7	Chlorobenzene	0.40	U J	4.0	0.40	0.26
75-00-3	Chloroethane	0.80	U	4.0	0.80	0.69
67-66-3	Chloroform	0.40	U	4.0	0.40	0.23
74-87-3	Chloromethane	0.40	U	4.0	0.40	0.33
10061-01-5	cis-1,3-Dichloropropene	0.40	U J	4.0	0.40	0.27
124-48-1	Dibromochloromethane	0.80	U	4.0	0.80	0.44
106-93-4	1,2-Dibromoethane	0.80	U	4.0	0.80	0.40
75-34-3	1,1-Dichloroethane	0.40	U	4.0	0.40	0.29
107-06-2	1,2-Dichloroethane	0.40	U	4.0	0.40	0.27
75-35-4	1,1-Dichloroethene	0.80	U	4.0	0.80	0.42
540-59-0	1,2-Dichloroethene, Total	0.80	U	8.0	0.80	0.62
78-87-5	1,2-Dichloropropane	0.80	U	4.0	0.80	0.55
100-41-4	Ethylbenzene	0.40	U J	4.0	0.40	0.21
591-78-6	2-Hexanone	0.80	U	16	0.80	0.50
75-09-2	Methylene Chloride	0.80	U	4.0	0.80	0.54
108-10-1	4-Methyl-2-pentanone (MIBK)	0.80	U	16	0.80	0.43
100-42-5	Styrene	0.40	U J	4.0	0.40	0.12
79-34-5	1,1,2,2-Tetrachloroethane	0.40	U	4.0	0.40	0.27
127-18-4	Tetrachloroethene	0.80	U J	4.0	0.80	0.42
108-88-3	Toluene	0.40	U J	4.0	0.40	0.22
10061-02-6	trans-1,3-Dichloropropene	0.80	U	4.0	0.80	0.43
71-55-6	1,1,1-Trichloroethane	0.80	U	4.0	0.80	0.45
79-00-5	1,1,2-Trichloroethane	0.40	U	4.0	0.40	0.31
79-01-6	Trichloroethene	0.40	U	4.0	0.40	0.34
75-01-4	Vinyl chloride	0.40	U	4.0	0.40	0.31
1330-20-7	Xylenes, Total	1.2	U J	8.0	1.2	0.54

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Client Sample ID: 068SS-0003M-0001-SO Lab Sample ID: 240-17317-7

Matrix: Solid Lab File ID: 149156.D

Analysis Method: 8260B/DoD Date Collected: 11/06/2012 12:00

Sample wt/vol: 7.124(g) Date Analyzed: 11/14/2012 19:02

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 12.3 Level: (low/med) Low

Analysis Batch No.: 64980 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	96		85-120
1868-53-7	Dibromofluoromethane (Surr)	75		59-138
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		61-130
2037-26-5	Toluene-d8 (Surr)	94		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX14\20121114-14942.b\149156.D
Lims ID: 240-17317-D-7-A
Client ID: 068SS-0003M-0001-SO
Inject. Date: 14-Nov-2012 19:02:30
Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-17317-d-7-a
Misc. Info.: 240-0014942-021 =240-0014942-021
Operator: 002808
Instrument ID: A3UX14
Purge Vol: 5.000 mL
ALS Bottle#: 20
Lims Batch ID: 64980
Lims Sample ID: 21
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX14\20121114-14942.b\8260_14.m
Last Update: 15-Nov-2012 10:40:32
Calib Date: 13-Nov-2012 22:59:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX14\20121113-14916.b\149122.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: DB-624
Column Dia: 0.18 mm
Process Host: XAWRK015

First Level Reviewer: macenczaks
Date: 15-Nov-2012 09:41:29

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	1508187	50.0	
* 2 Chlorobenzene-d5	117	9.594	9.594	0.0	92	854572	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.571	11.571	0.0	99	471274	50.0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	63	301699	37.7	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.542	6.542	0.0	92	415438	48.2	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	86	1206001	47.1	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	89	376154	48.2	
135 1,4-Dichlorobutane	1		0.000					
134 Chlorodifluoromethane TIC	1		0.000					
133 Benzyl chloride	126		0.000					
138 Butyl Methacrylate TIC	1		0.000					
136 Hexachloroethane TIC	1		0.000					
12 Dichlorodifluoromethane	85		1.442					9
13 Chloromethane	50		1.607					9
14 Vinyl chloride	62		1.737					
15 Bromomethane	94		2.069					
16 Chloroethane	64		2.187					
17 Dichlorofluoromethane	67		2.447					9
18 Trichlorofluoromethane	101		2.507					
19 Ethyl ether	59		2.873					9
25 Methylal	45	2.862	2.932	-0.070	79	3288	0	
20 Acrolein	56	3.027	3.027	0.0	67	1162	1.13	
21 1,1-Dichloroethene	96		3.146					
23 1,1,2-Trichloro-1,2,2-trifluoroe	151		3.181					
22 Acetone	43	3.252	3.252	0.0	90	15991	0.9608	
24 Iodomethane	142		3.347					
26 Carbon disulfide	76	3.406	3.418	-0.012	76	1211	0.8577	
27 Acetonitrile	41		3.666					
29 3-Chloro-1-propene	76		3.690					9
28 Methyl acetate	43	3.761	3.761	0.0	94	10606	1.72	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
30 Methylene Chloride	84		3.891					
31 2-Methyl-2-propanol	59		4.187					
32 Acrylonitrile	53		4.305					
33 trans-1,2-Dichloroethene	96		4.317					
34 Methyl tert-butyl ether	73		4.353					
35 Hexane	86	4.743	4.743	0.0	90	1103	0.4813	
36 1,1-Dichloroethane	63		4.921					
39 2-Chloro-1,3-butadiene	53		5.039					
37 Vinyl acetate	86		5.039					
38 Isopropyl ether	87		5.074					
40 Tert-butyl ethyl ether	59		5.524					
61 Ethyl acrylate	55		5.605					
43 2,2-Dichloropropane	77		5.642					9
42 cis-1,2-Dichloroethene	96		5.654					
41 2-Butanone (MEK)	43		5.701					
44 Propionitrile	54		5.761					
45 Ethyl acetate	43		5.796					9
46 Methacrylonitrile	41		5.926					9
47 Chlorobromomethane	128		5.926					
48 Tetrahydrofuran	42	5.997	5.985	0.012	79	2303	0.7255	
49 Chloroform	83		6.033					
50 1,1,1-Trichloroethane	97		6.210					
51 Cyclohexane	56		6.258					
52 1,1-Dichloropropene	75		6.388					9
53 Carbon tetrachloride	117		6.388					
54 Isobutyl alcohol	41		6.589					
55 Benzene	78		6.601					9
56 1,2-Dichloroethane	62		6.624					
57 Tert-amyl methyl ether	73		6.743					
58 n-Heptane	100		6.897					
59 n-Butanol	56		7.228					9
60 Trichloroethene	130		7.240					9
80 Tetrahydrothiophene	60		7.255					9
63 Methylcyclohexane	83		7.417					
62 1,2-Dichloropropane	63		7.453					
65 Dibromomethane	93		7.559					
64 Methyl methacrylate	41		7.583					9
66 1,4-Dioxane	88		7.583					
67 Dichlorobromomethane	83		7.713					
68 2-Nitropropane	41		7.914					
69 2-Chloroethyl vinyl ether	63		7.997					
70 cis-1,3-Dichloropropene	75		8.115					
71 4-Methyl-2-pentanone (MIBK)	43		8.257					9
72 Toluene	91	8.411	8.411	0.0	70	4720	0.1571	
73 trans-1,3-Dichloropropene	75		8.601					
74 Ethyl methacrylate	69		8.683					
75 1,1,2-Trichloroethane	97		8.766					9
77 Tetrachloroethene	164		8.885					9
76 1,3-Dichloropropane	76		8.908					
78 2-Hexanone	43		8.979					
132 n-Butyl acetate	43		9.086					14
79 Chlorodibromomethane	129		9.109					

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
123 Ethylene Dibromide	107		9.204					
81 1-Chlorohexane	91		9.594					9
82 Chlorobenzene	112		9.618					9
83 1,1,1,2-Tetrachloroethane	131		9.689					
84 Ethylbenzene	106	9.713	9.713	0.0	1	373	0.0351	7
10 m-Xylene & p-Xylene	106	9.807	9.807	0.0	73	1329	0.1020	
85 o-Xylene	106		10.151					
86 Styrene	104		10.162					9
87 Bromoform	173		10.328					
88 Isopropylbenzene	105		10.458					9
89 Cyclohexanone	55		10.541					
90 1,1,2,2-Tetrachloroethane	83		10.707					
91 Bromobenzene	156		10.719					9
92 1,2,3-Trichloropropane	110		10.742					
93 trans-1,4-Dichloro-2-butene	53		10.754					
94 N-Propylbenzene	120		10.801					9
95 2-Chlorotoluene	126		10.884					9
96 1,3,5-Trimethylbenzene	105		10.943					9
104 4-Chlorotoluene	126		10.967					9
97 tert-Butylbenzene	119		11.227					
98 1,2,4-Trimethylbenzene	105		11.263					9
99 sec-Butylbenzene	105		11.417					9
100 1,3-Dichlorobenzene	146		11.511					
101 4-Isopropyltoluene	119		11.535					
102 1,4-Dichlorobenzene	146	11.582	11.582	0.0	34	1725	0.1003	
103 1,2,3-Trimethylbenzene	105		11.630					
105 n-Butylbenzene	91		11.878					9
106 1,2-Dichlorobenzene	146		11.902					9
107 1,2-Dibromo-3-Chloropropane	157		12.553					
108 1,3,5-Trichlorobenzene	180		12.730					9
109 1,2,4-Trichlorobenzene	180		13.239					9
110 Hexachlorobutadiene	225		13.369					
111 Naphthalene	128	13.440	13.440	0.0	34	2706	0.1394	
112 1,2,3-Trichlorobenzene	180		13.630					9
113 2-Methylnaphthalene	142		14.304					9
A 140 C6-C10	1	7.589	3.915 - 11.263		0	810890	0	
A 139 C6-C12	1	8.388	3.915 - 12.860		0	907557	0	
S 137 Trihalomethanes, Total	1		0.000					
S 11 1,2-Dichloroethene, Total	96		1.140					
S 9 1,3-Dichloropropene, Total	75		6.760					
S 114 Xylenes, Total	106				0		0.1020	

QC Flag Legend

Processing Flags
1 - Missing Peaks
4 - Failed Signal Ratio Test
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

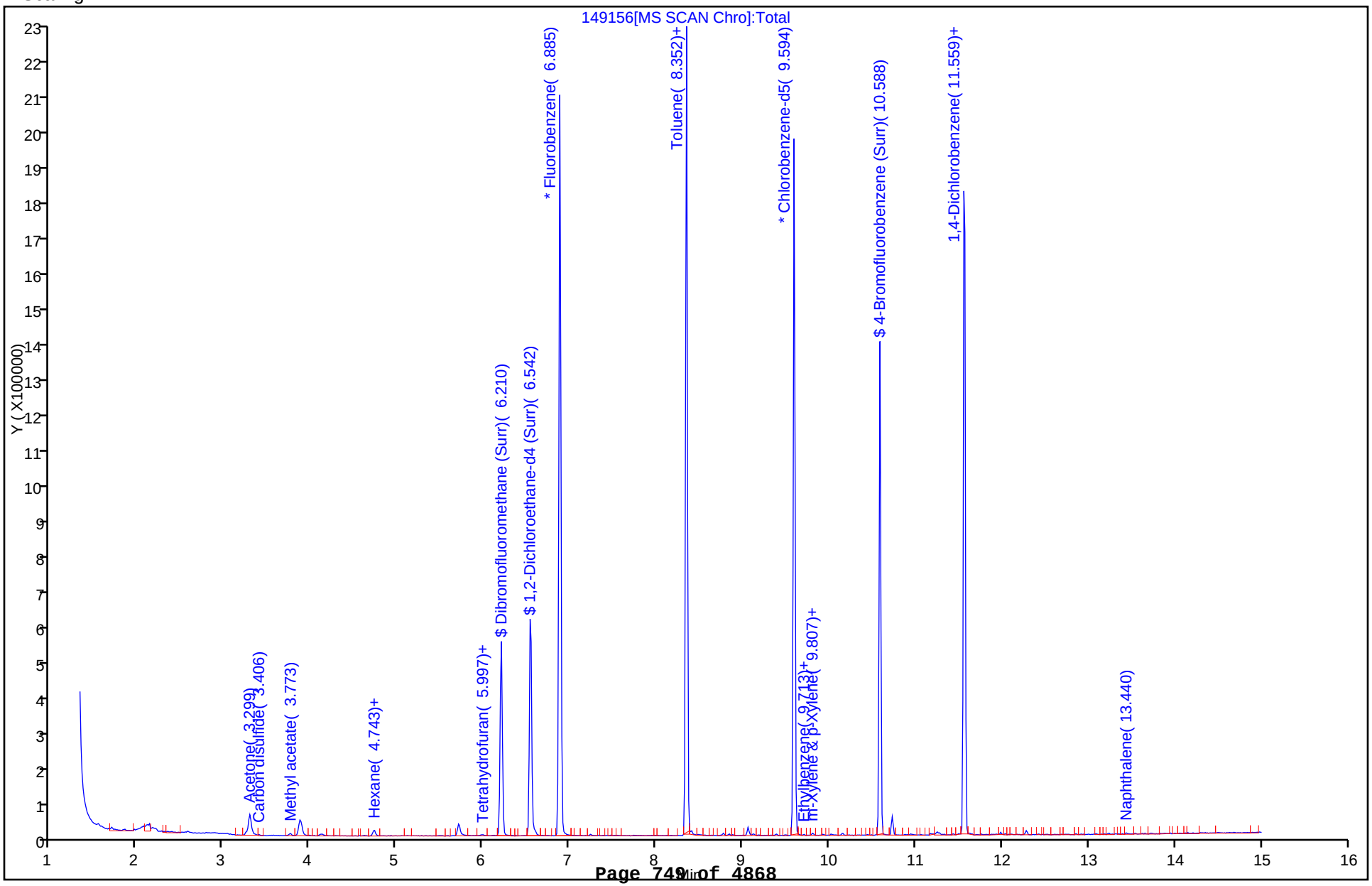
Report Date: 16-Nov-2012 16:03:43 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121114-14942.b\149156.D

Injection Date:	14-Nov-2012 19:02:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	068SS-0003M-0001-SO	Instrument ID:	A3UX14
Lims Batch ID:	64980	Lims Sample ID:	21
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



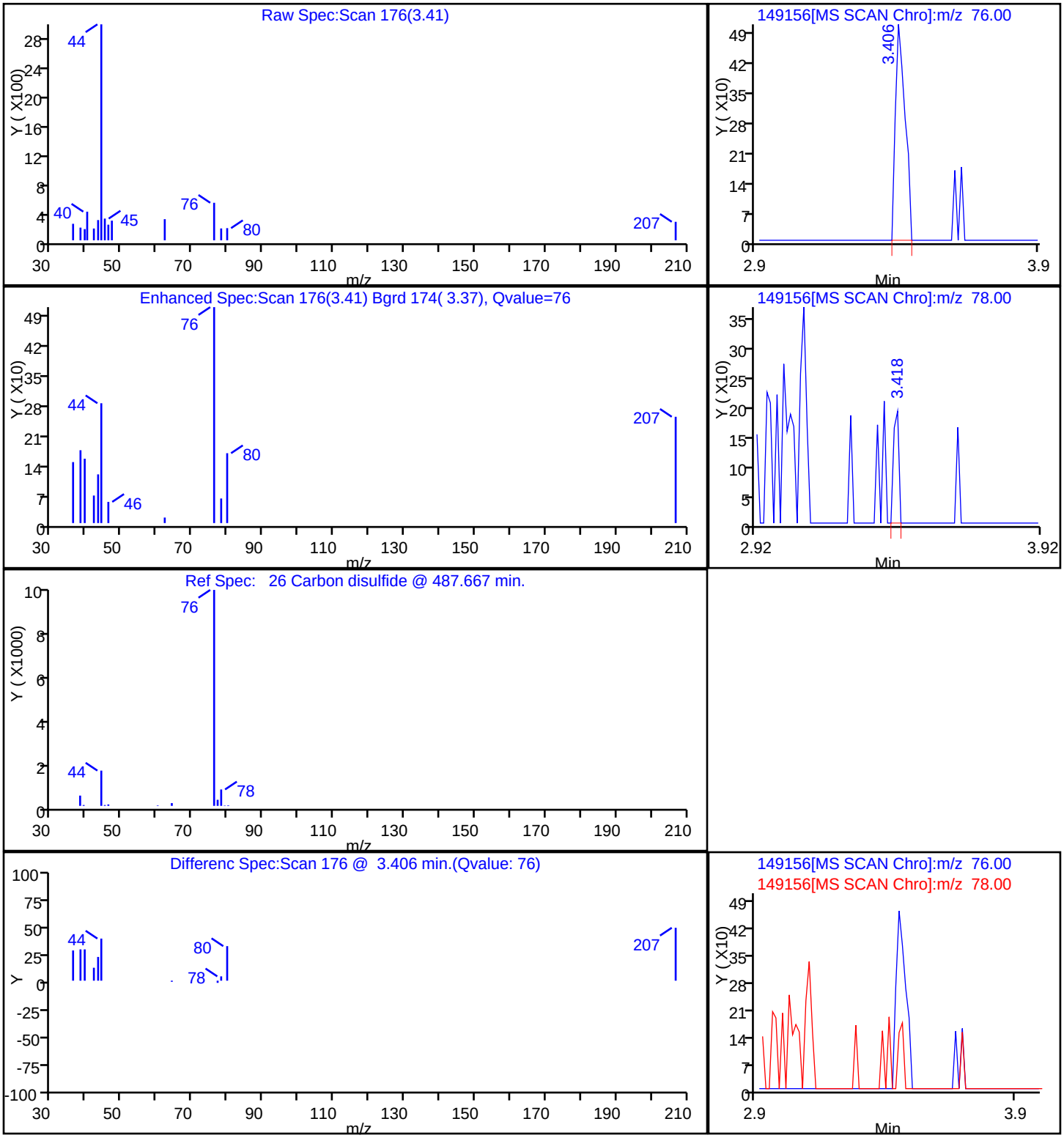
Report Date: 16-Nov-2012 16:03:43 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121114-14942.b\149156.D

Injection Date:	14-Nov-2012 19:02:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	068SS-0003M-0001-SO	Instrument ID:	A3UX14
Lims Batch ID:	64980	Lims Sample ID:	21
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

26 Carbon disulfide



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: 068SS-0004M-0001-SO | Lab Sample ID: 240-17317-8

Matrix: Solid | Lab File ID: 149159.D

Analysis Method: 8260B/DoD | Date Collected: 11/06/2012 12:00

Sample wt/vol: 6.948(g) | Date Analyzed: 11/14/2012 20:07

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 2.0 | Level: (low/med) Low

Analysis Batch No.: 64980 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
67-64-1	Acetone	4.6	U	15	4.6	4.6
71-43-2	Benzene	0.37	U	3.7	0.37	0.17
74-97-5	Bromochloromethane	0.73	U	3.7	0.73	0.52
75-27-4	Bromodichloromethane	0.37	U	3.7	0.37	0.21
75-25-2	Bromoform	0.37	U	3.7	0.37	0.24
74-83-9	Bromomethane	0.73	U	3.7	0.73	0.40
78-93-3	2-Butanone (MEK)	1.5	U	15	1.5	1.0
75-15-0	Carbon disulfide	0.66	J	3.7	0.37	0.32
56-23-5	Carbon tetrachloride	0.37	U	3.7	0.37	0.27
108-90-7	Chlorobenzene	0.37	U	3.7	0.37	0.24
75-00-3	Chloroethane	0.73	U	3.7	0.73	0.63
67-66-3	Chloroform	0.37	U	3.7	0.37	0.21
74-87-3	Chloromethane	0.37	U	3.7	0.37	0.30
10061-01-5	cis-1,3-Dichloropropene	0.37	U	3.7	0.37	0.25
124-48-1	Dibromochloromethane	0.73	U	3.7	0.73	0.40
106-93-4	1,2-Dibromoethane	0.73	U	3.7	0.73	0.37
75-34-3	1,1-Dichloroethane	0.37	U	3.7	0.37	0.26
107-06-2	1,2-Dichloroethane	0.37	U	3.7	0.37	0.25
75-35-4	1,1-Dichloroethene	0.73	U	3.7	0.73	0.38
540-59-0	1,2-Dichloroethene, Total	0.73	U	7.3	0.73	0.57
78-87-5	1,2-Dichloropropane	0.73	U	3.7	0.73	0.51
100-41-4	Ethylbenzene	0.37	U	3.7	0.37	0.19
591-78-6	2-Hexanone	0.66	J	15	0.73	0.46
75-09-2	Methylene Chloride	0.73	U	3.7	0.73	0.49
108-10-1	4-Methyl-2-pentanone (MIBK)	0.73	U	15	0.73	0.40
100-42-5	Styrene	0.14	J	3.7	0.37	0.11
79-34-5	1,1,2,2-Tetrachloroethane	0.37	U	3.7	0.37	0.25
127-18-4	Tetrachloroethene	0.73	U	3.7	0.73	0.38
108-88-3	Toluene	0.37	U	3.7	0.37	0.20
10061-02-6	trans-1,3-Dichloropropene	0.73	U	3.7	0.73	0.40
71-55-6	1,1,1-Trichloroethane	0.73	U	3.7	0.73	0.41
79-00-5	1,1,2-Trichloroethane	0.37	U	3.7	0.37	0.29
79-01-6	Trichloroethene	0.37	U	3.7	0.37	0.31
75-01-4	Vinyl chloride	0.37	U	3.7	0.37	0.29
1330-20-7	Xylenes, Total	1.1	U	7.3	1.1	0.49

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Client Sample ID: 068SS-0004M-0001-SO Lab Sample ID: 240-17317-8

Matrix: Solid Lab File ID: 149159.D

Analysis Method: 8260B/DoD Date Collected: 11/06/2012 12:00

Sample wt/vol: 6.948(g) Date Analyzed: 11/14/2012 20:07

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 2.0 Level: (low/med) Low

Analysis Batch No.: 64980 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	99		85-120
1868-53-7	Dibromofluoromethane (Surr)	82		59-138
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		61-130
2037-26-5	Toluene-d8 (Surr)	93		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX14\20121114-14942.b\149159.D
Lims ID: 240-17317-C-8-A Client ID: 068SS-0004M-0001-SO
Inject. Date: 14-Nov-2012 20:07:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-17317-c-8-a
Misc. Info.: 240-0014942-024 =240-0014942-024
Operator: 002808 Instrument ID: A3UX14
Purge Vol: 5.000 mL ALS Bottle#: 23
Lims Batch ID: 64980 Lims Sample ID: 24
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX14\20121114-14942.b\8260_14.m
Last Update: 15-Nov-2012 10:40:32 Calib Date: 13-Nov-2012 22:59:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX14\20121113-14916.b\149122.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK015

First Level Reviewer: stillert Date: 21-Nov-2012 15:34:30

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	1536819	50.0	
* 2 Chlorobenzene-d5	117	9.594	9.594	0.0	92	912195	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.571	11.571	0.0	99	505972	50.0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	66	333731	41.1	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.542	6.542	0.0	93	439468	50.1	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	85	1271858	46.5	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	88	415857	49.6	
13 Chloromethane	50		1.607					
14 Vinyl chloride	62		1.737					
15 Bromomethane	94		2.069					
16 Chloroethane	64		2.187					
21 1,1-Dichloroethene	96		3.146					
22 Acetone	43	3.252	3.252	0.0	89	22130	3.66	
26 Carbon disulfide	76	3.418	3.418	0.0	77	2230	0.8955	
30 Methylene Chloride	84		3.891					
33 trans-1,2-Dichloroethene	96		4.317					9
34 Methyl tert-butyl ether	73		4.353					
36 1,1-Dichloroethane	63		4.921					
42 cis-1,2-Dichloroethene	96		5.654					9
41 2-Butanone (MEK)	43	5.701	5.701	0.0	32	7741	1.07	
47 Chlorobromomethane	128		5.926					9
49 Chloroform	83		6.033					9
50 1,1,1-Trichloroethane	97		6.210					
53 Carbon tetrachloride	117		6.388					
55 Benzene	78		6.601					9
56 1,2-Dichloroethane	62		6.624					
60 Trichloroethene	130		7.240					9
62 1,2-Dichloropropane	63		7.453					
67 Dichlorobromomethane	83		7.713					
70 cis-1,3-Dichloropropene	75		8.115					9

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
71 4-Methyl-2-pentanone (MIBK)	43	8.257	8.257	0.0	67	3010	0.5350	
72 Toluene	91	8.411	8.411	0.0	61	4993	0.1557	
73 trans-1,3-Dichloropropene	75		8.601					9
75 1,1,2-Trichloroethane	97		8.766					9
77 Tetrachloroethene	164		8.885					9
78 2-Hexanone	43	8.979	8.979	0.0	71	2634	0.8994	
79 Chlorodibromomethane	129		9.109					
123 Ethylene Dibromide	107	9.204	9.204	0.0	41	670	0.1579	
82 Chlorobenzene	112		9.618					9
84 Ethylbenzene	106	9.713	9.713	0.0	39	1031	0.0908	7
10 m-Xylene & p-Xylene	106	9.807	9.807	0.0	64	2515	0.1808	
85 o-Xylene	106		10.151					
86 Styrene	104	10.151	10.162	-0.011	69	3667	0.1930	
87 Bromoform	173		10.328					
90 1,1,2,2-Tetrachloroethane	83		10.707					9
S 11 1,2-Dichloroethene, Total	96		1.140					
S 114 Xylenes, Total	106				0		0.1808	

QC Flag Legend

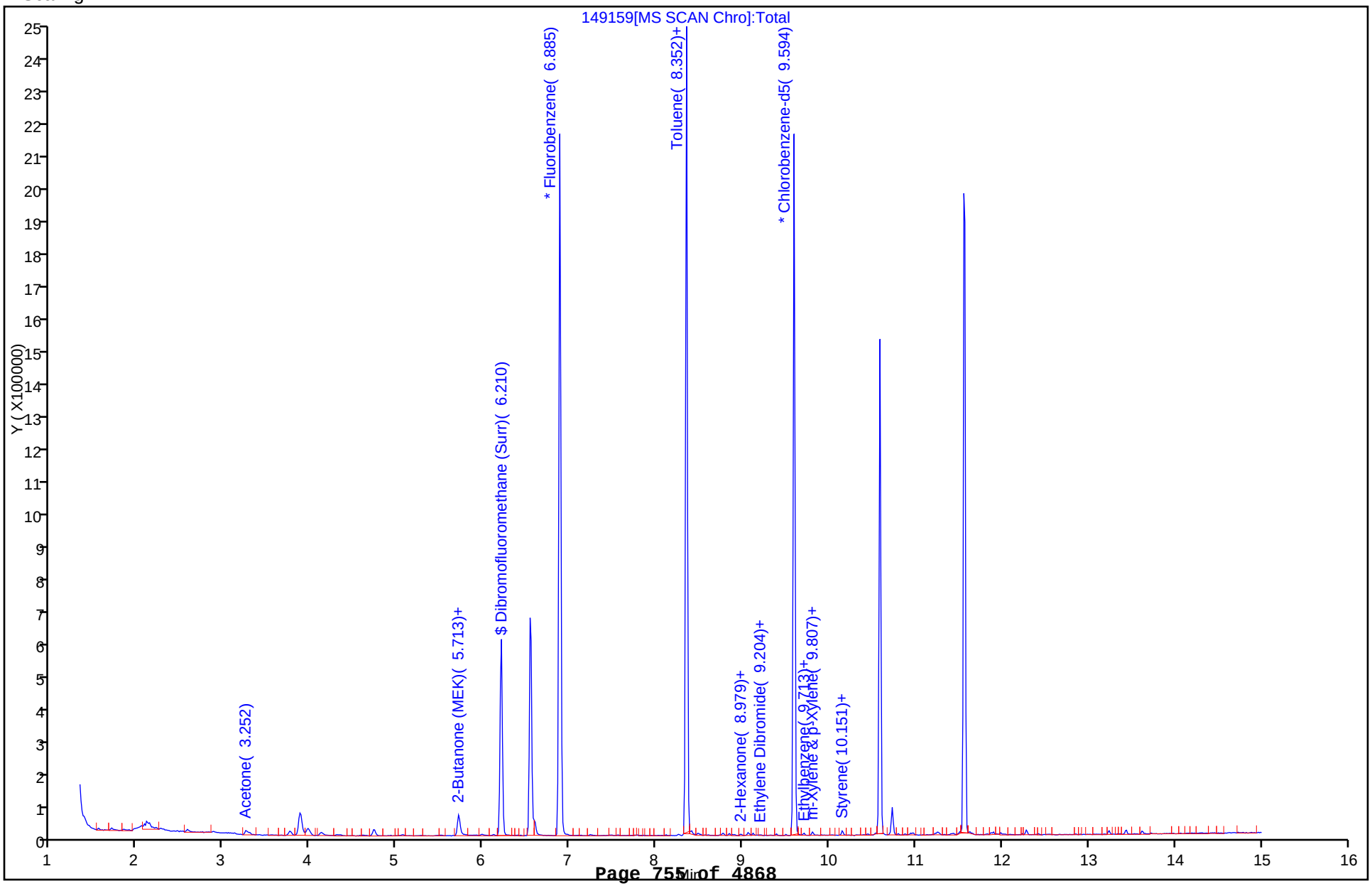
Processing Flags
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

Report Date: 21-Nov-2012 15:34:31 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\NCChrom\ChromData\A3UX14\20121114-14942.b\149159.D		
Injection Date:	14-Nov-2012 20:07:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	068SS-0004M-0001-SO	Instrument ID:	A3UX14
Lims Batch ID:	64980	Lims Sample ID:	24
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



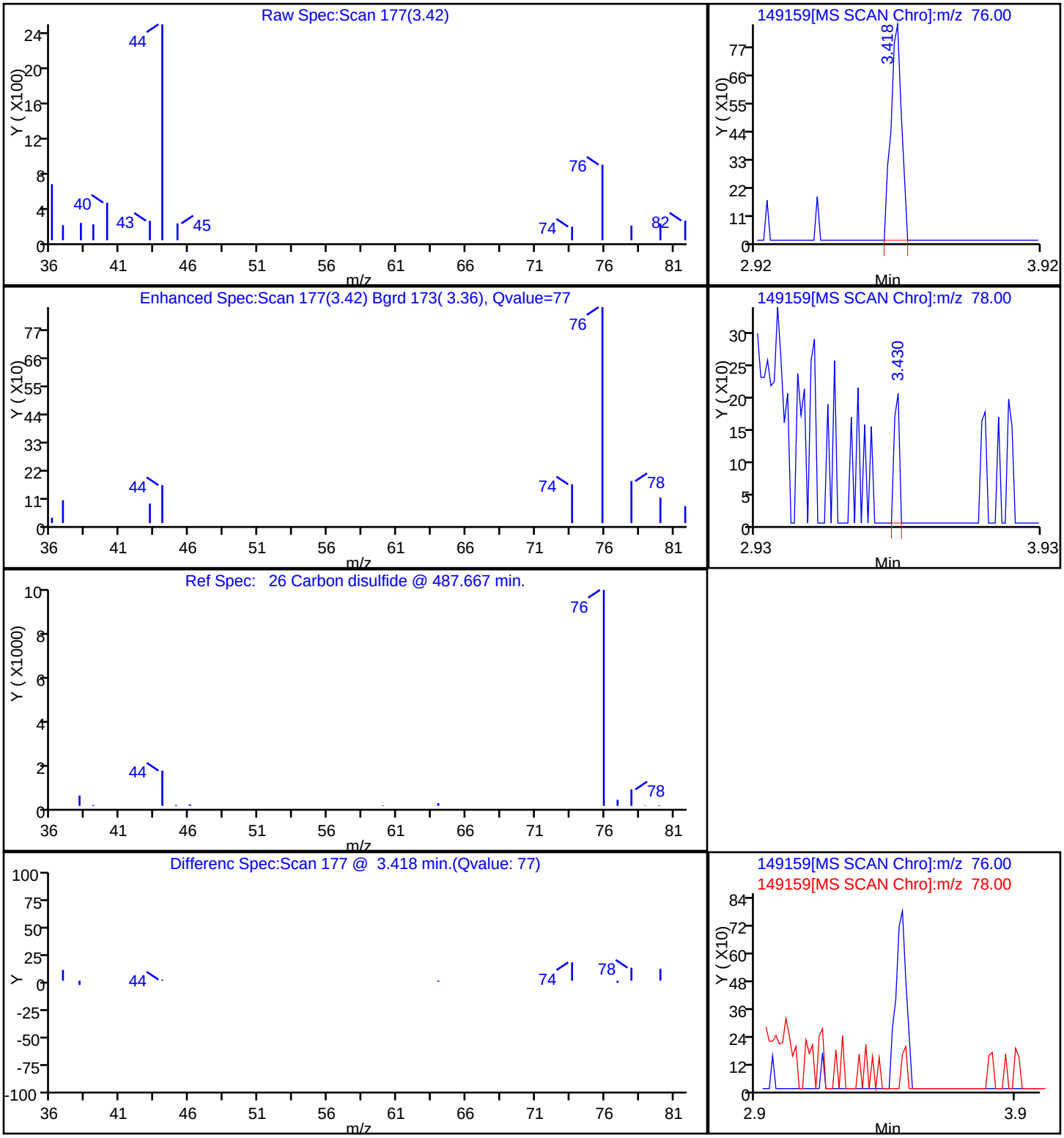
Report Date: 21-Nov-2012 15:34:31 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121114-14942.b\149159.D

Injection Date:	14-Nov-2012 20:07:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	068SS-0004M-0001-SO	Instrument ID:	A3UX14
Lims Batch ID:	64980	Lims Sample ID:	24
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

26 Carbon disulfide



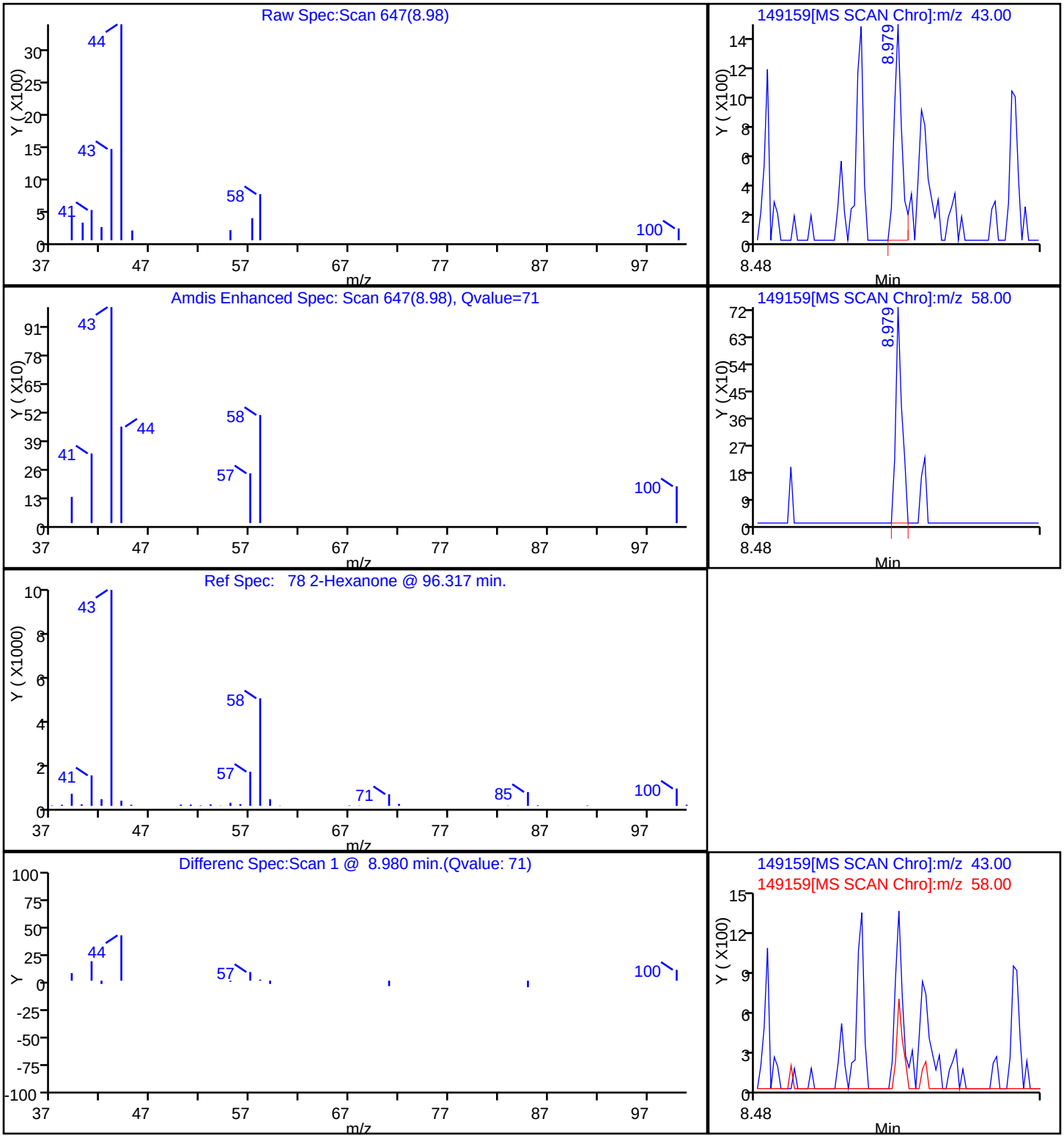
Report Date: 21-Nov-2012 15:34:31 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121114-14942.b\149159.D

Injection Date:	14-Nov-2012 20:07:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	068SS-0004M-0001-SO	Instrument ID:	A3UX14
Lims Batch ID:	64980	Lims Sample ID:	24
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

78 2-Hexanone

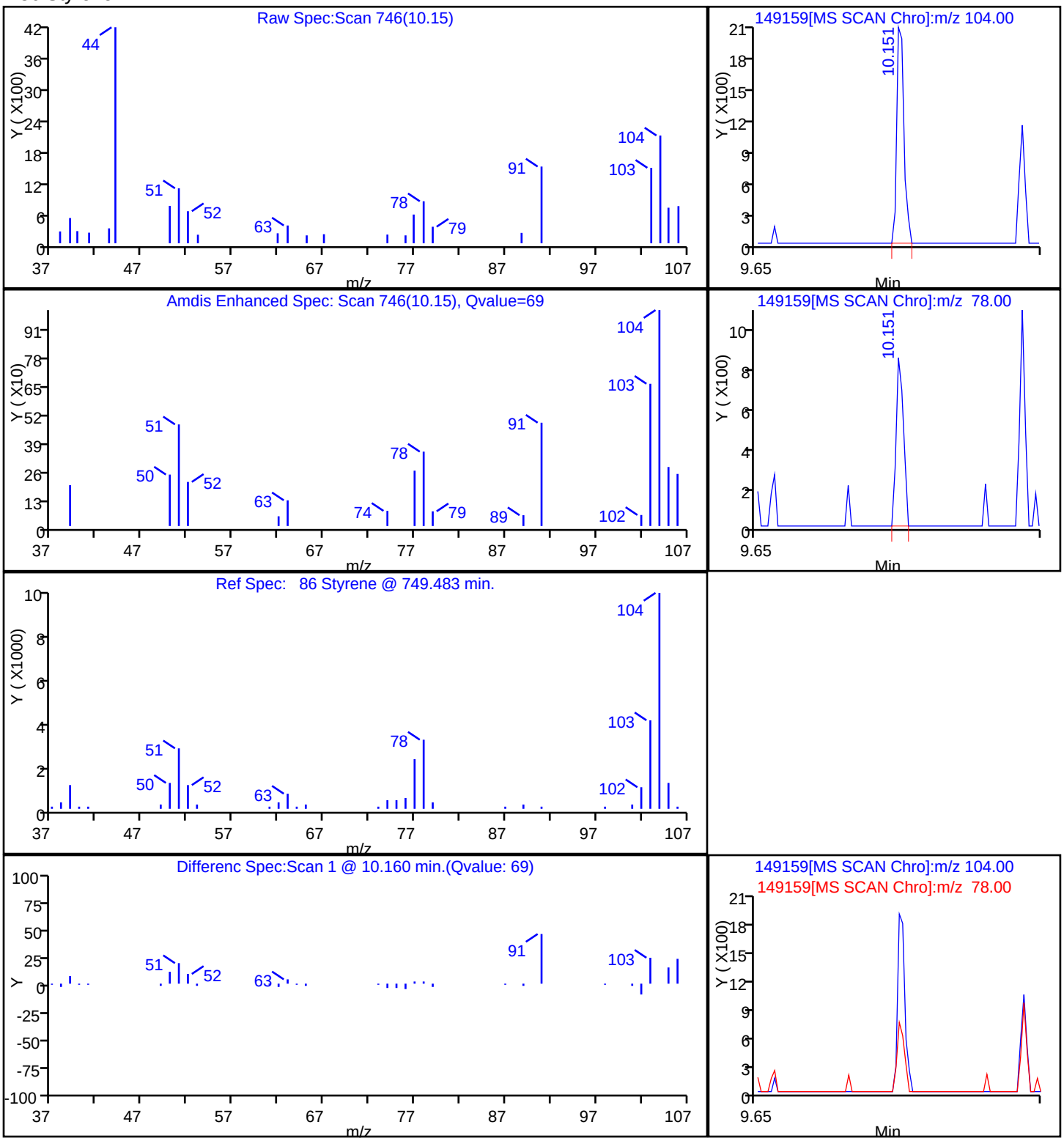


Report Date: 21-Nov-2012 15:34:31 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\NCChrom\ChromData\A3UX14\20121114-14942.b\149159.D		
Injection Date:	14-Nov-2012 20:07:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	068SS-0004M-0001-SO	Instrument ID:	A3UX14
Lims Batch ID:	64980	Lims Sample ID:	24
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

86 Styrene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: 076SS-0004M-0001-SO | Lab Sample ID: 240-17317-9

Matrix: Solid | Lab File ID: 149160.D

Analysis Method: 8260B/DoD | Date Collected: 11/06/2012 10:00

Sample wt/vol: 5.993(g) | Date Analyzed: 11/14/2012 20:29

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 16.6 | Level: (low/med) Low

Analysis Batch No.: 64980 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
67-64-1	Acetone	6.3	U	20	6.3	6.3
71-43-2	Benzene	0.50	U	5.0	0.50	0.23
74-97-5	Bromochloromethane	1.0	U	5.0	1.0	0.71
75-27-4	Bromodichloromethane	0.50	U	5.0	0.50	0.28
75-25-2	Bromoform	0.50	U	5.0	0.50	0.33
74-83-9	Bromomethane	1.0	U	5.0	1.0	0.54
78-93-3	2-Butanone (MEK)	2.0	U	20	2.0	1.4
75-15-0	Carbon disulfide	0.50	U	5.0	0.50	0.44
56-23-5	Carbon tetrachloride	0.50	U	5.0	0.50	0.37
108-90-7	Chlorobenzene	0.50	U	5.0	0.50	0.33
75-00-3	Chloroethane	1.0	U	5.0	1.0	0.86
67-66-3	Chloroform	0.50	U	5.0	0.50	0.29
74-87-3	Chloromethane	0.50	U	5.0	0.50	0.41
10061-01-5	cis-1,3-Dichloropropene	0.50	U	5.0	0.50	0.34
124-48-1	Dibromochloromethane	1.0	U	5.0	1.0	0.55
106-93-4	1,2-Dibromoethane	1.0	U	5.0	1.0	0.50
75-34-3	1,1-Dichloroethane	0.50	U	5.0	0.50	0.36
107-06-2	1,2-Dichloroethane	0.50	U	5.0	0.50	0.34
75-35-4	1,1-Dichloroethene	1.0	U	5.0	1.0	0.52
540-59-0	1,2-Dichloroethene, Total	1.0	U	10	1.0	0.77
78-87-5	1,2-Dichloropropane	1.0	U	5.0	1.0	0.69
100-41-4	Ethylbenzene	0.50	U	5.0	0.50	0.26
591-78-6	2-Hexanone	1.0	U	20	1.0	0.63
75-09-2	Methylene Chloride	1.0	U	5.0	1.0	0.67
108-10-1	4-Methyl-2-pentanone (MIBK)	1.0	U	20	1.0	0.54
100-42-5	Styrene	0.21	J	5.0	0.50	0.15
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	5.0	0.50	0.34
127-18-4	Tetrachloroethene	1.0	U	5.0	1.0	0.52
108-88-3	Toluene	0.41	J	5.0	0.50	0.27
10061-02-6	trans-1,3-Dichloropropene	1.0	U	5.0	1.0	0.54
71-55-6	1,1,1-Trichloroethane	1.0	U	5.0	1.0	0.56
79-00-5	1,1,2-Trichloroethane	0.50	U	5.0	0.50	0.39
79-01-6	Trichloroethene	0.50	U	5.0	0.50	0.42
75-01-4	Vinyl chloride	0.50	U	5.0	0.50	0.39
1330-20-7	Xylenes, Total	1.5	U	10	1.5	0.67

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Client Sample ID: 076SS-0004M-0001-SO Lab Sample ID: 240-17317-9

Matrix: Solid Lab File ID: 149160.D

Analysis Method: 8260B/DoD Date Collected: 11/06/2012 10:00

Sample wt/vol: 5.993(g) Date Analyzed: 11/14/2012 20:29

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 16.6 Level: (low/med) Low

Analysis Batch No.: 64980 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	155	Q	85-120
1868-53-7	Dibromofluoromethane (Surr)	88		59-138
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		61-130
2037-26-5	Toluene-d8 (Surr)	118	Q	85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX14\20121114-14942.b\149160.D
Lims ID: 240-17317-B-9-A Client ID: 076SS-0004M-0001-SO
Inject. Date: 14-Nov-2012 20:29:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-17317-b-9-a
Misc. Info.: 240-0014942-025 =240-0014942-025
Operator: 002808 Instrument ID: A3UX14
Purge Vol: 5.000 mL ALS Bottle#: 24
Lims Batch ID: 64980 Lims Sample ID: 25
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX14\20121114-14942.b\8260_14.m
Last Update: 15-Nov-2012 10:40:32 Calib Date: 13-Nov-2012 22:59:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX14\20121113-14916.b\149122.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK015

First Level Reviewer: macenczaks Date: 15-Nov-2012 09:49:43

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	1223783	50.0	
* 2 Chlorobenzene-d5	117	9.595	9.594	0.001	92	466155	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.571	11.571	0.0	99	118161	50.0	s
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	63	285613	44.2	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.542	6.542	0.0	93	360001	51.6	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	95	817340	58.8	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	89	153750	77.5	
13 Chloromethane	50		1.607					9
14 Vinyl chloride	62		1.737					
15 Bromomethane	94		2.069					
16 Chloroethane	64		2.187					
21 1,1-Dichloroethene	96		3.146					
22 Acetone	43	3.252	3.252	0.0	86	19546	4.78	
26 Carbon disulfide	76		3.418					9
30 Methylene Chloride	84		3.891					
33 trans-1,2-Dichloroethene	96		4.317					
34 Methyl tert-butyl ether	73		4.353					
36 1,1-Dichloroethane	63		4.921					
42 cis-1,2-Dichloroethene	96		5.654					
41 2-Butanone (MEK)	43		5.701					9
47 Chlorobromomethane	128		5.926					
49 Chloroform	83		6.033					9
50 1,1,1-Trichloroethane	97		6.210					
53 Carbon tetrachloride	117		6.388					
55 Benzene	78		6.601					
56 1,2-Dichloroethane	62		6.624					
60 Trichloroethene	130		7.240					9
62 1,2-Dichloropropane	63		7.453					
67 Dichlorobromomethane	83		7.713					
70 cis-1,3-Dichloropropene	75		8.115					

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
71 4-Methyl-2-pentanone (MIBK)	43		8.257					9
72 Toluene	91	8.411	8.411	0.0	79	6719	0.4100	
73 trans-1,3-Dichloropropene	75		8.601					9
75 1,1,2-Trichloroethane	97		8.766					9
77 Tetrachloroethene	164		8.885					9
78 2-Hexanone	43		8.979					9
79 Chlorodibromomethane	129		9.109					
123 Ethylene Dibromide	107		9.204					
82 Chlorobenzene	112		9.618					9
84 Ethylbenzene	106	9.713	9.713	0.0	43	615	0.1060	
10 m-Xylene & p-Xylene	106	9.808	9.807	0.001	84	1899	0.2671	
85 o-Xylene	106	10.151	10.151	0.0	65	1017	0.1341	
86 Styrene	104	10.163	10.162	0.0	68	1989	0.2048	
87 Bromoform	173		10.328					
90 1,1,2,2-Tetrachloroethane	83		10.707					
S 11 1,2-Dichloroethene, Total	96		1.140					
S 114 Xylenes, Total	106				0		0.4012	

QC Flag Legend

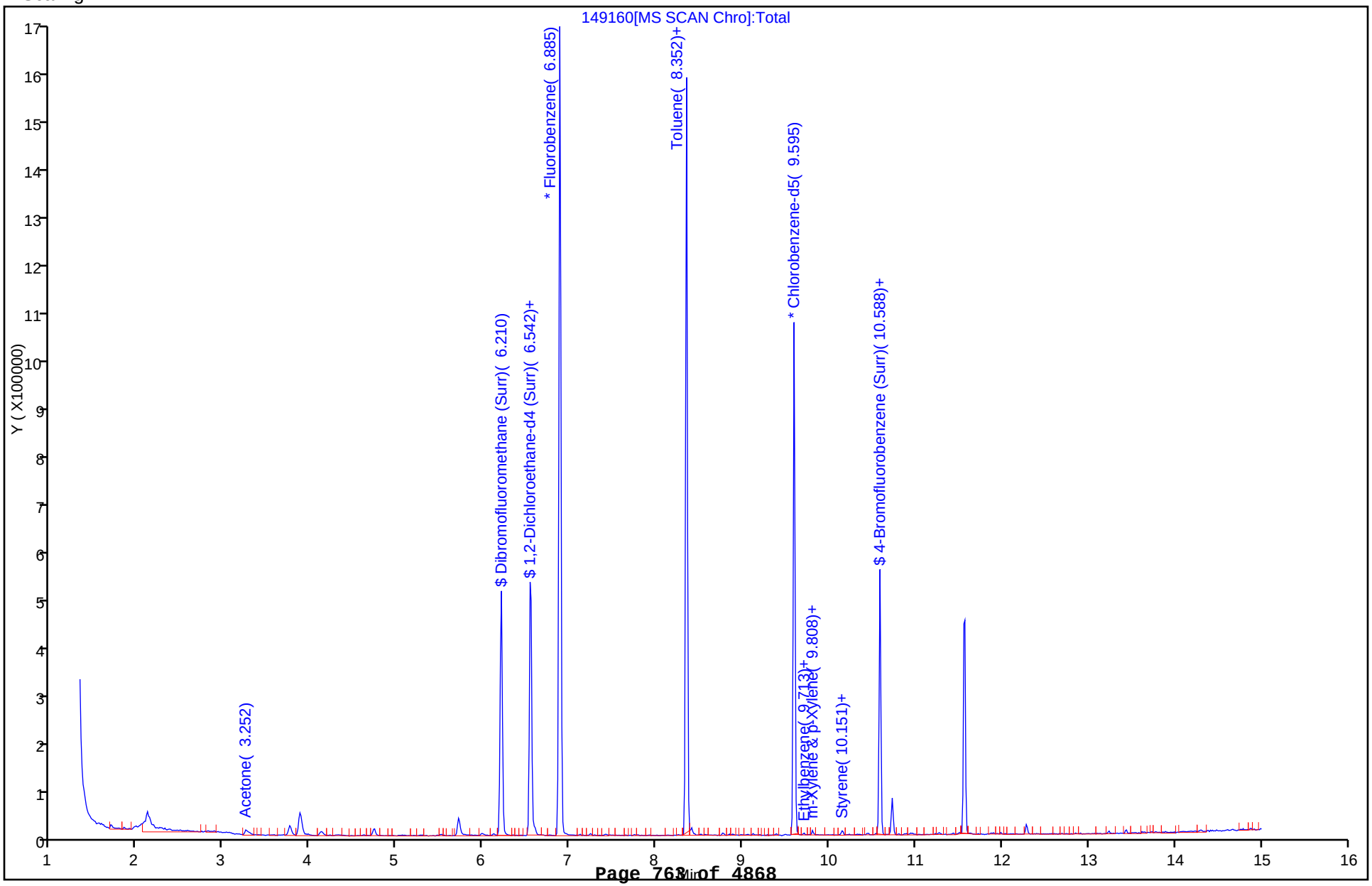
Processing Flags
9 - Failed A Reference Spectral Test
s - Failed ISTD Recovery Test

Report Date: 16-Nov-2012 16:03:47 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\NCChrom\ChromData\A3UX14\20121114-14942.b\149160.D		
Injection Date:	14-Nov-2012 20:29:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SS-0004M-0001-SO	Instrument ID:	A3UX14
Lims Batch ID:	64980	Lims Sample ID:	25
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



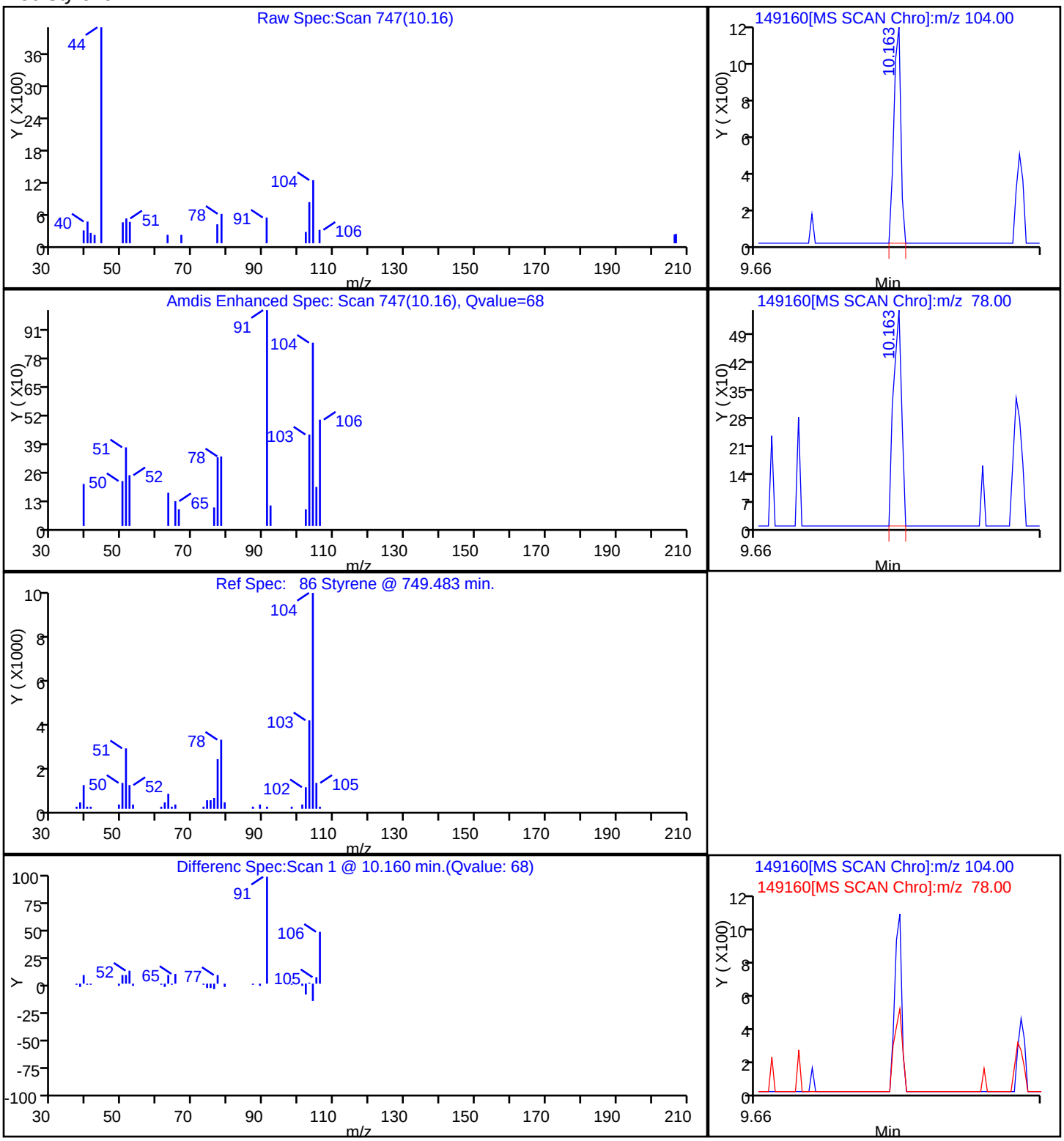
Report Date: 16-Nov-2012 16:03:47 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121114-14942.b\149160.D

Injection Date:	14-Nov-2012 20:29:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SS-0004M-0001-SO	Instrument ID:	A3UX14
Lims Batch ID:	64980	Lims Sample ID:	25
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

86 Styrene



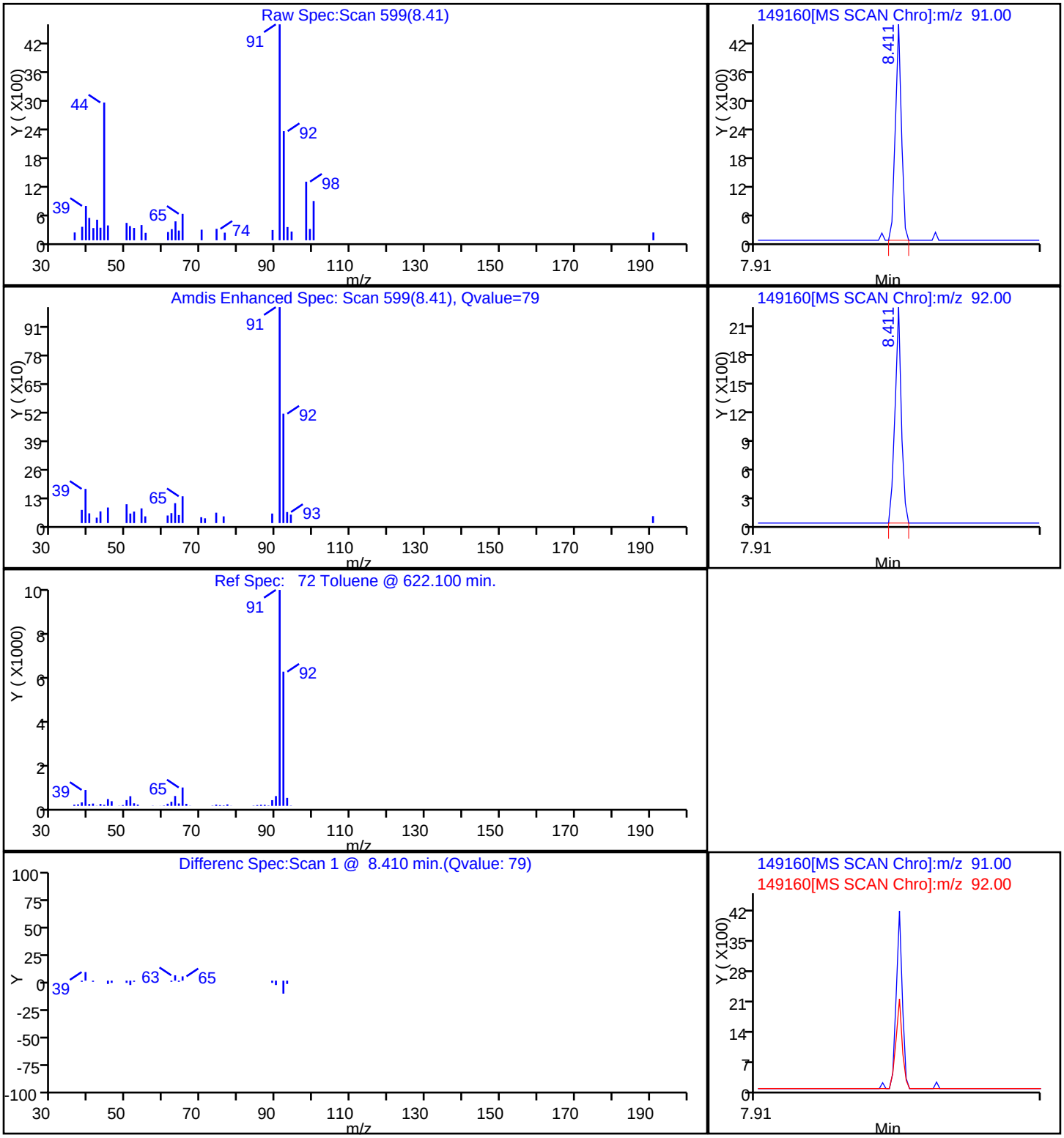
Report Date: 16-Nov-2012 16:03:47 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121114-14942.b\149160.D

Injection Date:	14-Nov-2012 20:29:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SS-0004M-0001-SO	Instrument ID:	A3UX14
Lims Batch ID:	64980	Lims Sample ID:	25
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

72 Toluene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: 076SS-0003M-0001-SO | Lab Sample ID: 240-17317-10

Matrix: Solid | Lab File ID: 149161.D

Analysis Method: 8260B/DoD | Date Collected: 11/06/2012 09:20

Sample wt/vol: 6.131(g) | Date Analyzed: 11/14/2012 20:50

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 13.3 | Level: (low/med) Low

Analysis Batch No.: 64980 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
67-64-1	Acetone	5.9	U	19	5.9	5.9
71-43-2	Benzene	0.47	U	4.7	0.47	0.22
74-97-5	Bromochloromethane	0.94	U	4.7	0.94	0.67
75-27-4	Bromodichloromethane	0.47	U	4.7	0.47	0.26
75-25-2	Bromoform	0.47	U	4.7	0.47	0.31
74-83-9	Bromomethane	0.94	U	4.7	0.94	0.51
78-93-3	2-Butanone (MEK)	1.9	U	19	1.9	1.3
75-15-0	Carbon disulfide	0.47	U	4.7	0.47	0.41
56-23-5	Carbon tetrachloride	0.47	U	4.7	0.47	0.35
108-90-7	Chlorobenzene	0.47	U	4.7	0.47	0.31
75-00-3	Chloroethane	0.94	U	4.7	0.94	0.81
67-66-3	Chloroform	0.47	U	4.7	0.47	0.27
74-87-3	Chloromethane	0.47	U	4.7	0.47	0.39
10061-01-5	cis-1,3-Dichloropropene	0.47	U	4.7	0.47	0.32
124-48-1	Dibromochloromethane	0.94	U	4.7	0.94	0.52
106-93-4	1,2-Dibromoethane	0.94	U	4.7	0.94	0.47
75-34-3	1,1-Dichloroethane	0.47	U	4.7	0.47	0.34
107-06-2	1,2-Dichloroethane	0.47	U	4.7	0.47	0.32
75-35-4	1,1-Dichloroethene	0.94	U	4.7	0.94	0.49
540-59-0	1,2-Dichloroethene, Total	0.94	U	9.4	0.94	0.72
78-87-5	1,2-Dichloropropane	0.94	U	4.7	0.94	0.65
100-41-4	Ethylbenzene	0.47	U	4.7	0.47	0.24
591-78-6	2-Hexanone	0.94	U	19	0.94	0.59
75-09-2	Methylene Chloride	0.94	U	4.7	0.94	0.63
108-10-1	4-Methyl-2-pentanone (MIBK)	0.94	U	19	0.94	0.51
100-42-5	Styrene	0.47	U	4.7	0.47	0.14
79-34-5	1,1,2,2-Tetrachloroethane	0.47	U	4.7	0.47	0.32
127-18-4	Tetrachloroethene	0.94	U	4.7	0.94	0.49
108-88-3	Toluene	0.64	J	4.7	0.47	0.25
10061-02-6	trans-1,3-Dichloropropene	0.94	U	4.7	0.94	0.51
71-55-6	1,1,1-Trichloroethane	0.94	U	4.7	0.94	0.53
79-00-5	1,1,2-Trichloroethane	0.47	U	4.7	0.47	0.37
79-01-6	Trichloroethene	0.47	U	4.7	0.47	0.40
75-01-4	Vinyl chloride	0.47	U	4.7	0.47	0.37
1330-20-7	Xylenes, Total	1.4	U	9.4	1.4	0.63

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Client Sample ID: 076SS-0003M-0001-SO Lab Sample ID: 240-17317-10

Matrix: Solid Lab File ID: 149161.D

Analysis Method: 8260B/DoD Date Collected: 11/06/2012 09:20

Sample wt/vol: 6.131(g) Date Analyzed: 11/14/2012 20:50

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 13.3 Level: (low/med) Low

Analysis Batch No.: 64980 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	105		85-120
1868-53-7	Dibromofluoromethane (Surr)	79		59-138
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		61-130
2037-26-5	Toluene-d8 (Surr)	94		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX14\20121114-14942.b\149161.D
Lims ID: 240-17317-D-10-A Client ID: 076SS-0003M-0001-SO
Inject. Date: 14-Nov-2012 20:50:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-17317-d-10-a
Misc. Info.: 240-0014942-026 =240-0014942-026
Operator: 002808 Instrument ID: A3UX14
Purge Vol: 5.000 mL ALS Bottle#: 25
Lims Batch ID: 64980 Lims Sample ID: 26
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX14\20121114-14942.b\8260_14.m
Last Update: 15-Nov-2012 10:40:32 Calib Date: 13-Nov-2012 22:59:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX14\20121113-14916.b\149122.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK015

First Level Reviewer: macenczaks Date: 15-Nov-2012 09:52:21

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	1437609	50.0	
* 2 Chlorobenzene-d5	117	9.594	9.594	0.0	91	810413	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.571	11.571	0.0	99	393023	50.0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	64	300274	39.5	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.542	6.542	0.0	93	383694	46.7	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	86	1146891	47.2	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	89	343143	52.6	
13 Chloromethane	50		1.607					9
14 Vinyl chloride	62		1.737					
15 Bromomethane	94		2.069					
16 Chloroethane	64		2.187					
21 1,1-Dichloroethene	96		3.146					
22 Acetone	43	3.252	3.252	0.0	89	15453	1.06	
26 Carbon disulfide	76		3.418					9
30 Methylene Chloride	84		3.891					
33 trans-1,2-Dichloroethene	96		4.317					
34 Methyl tert-butyl ether	73		4.353					
36 1,1-Dichloroethane	63		4.921					
42 cis-1,2-Dichloroethene	96		5.654					
41 2-Butanone (MEK)	43		5.701					9
47 Chlorobromomethane	128		5.926					
49 Chloroform	83		6.033					9
50 1,1,1-Trichloroethane	97		6.210					
53 Carbon tetrachloride	117		6.388					
55 Benzene	78	6.601	6.601	0.0	19	4518	0.1411	
56 1,2-Dichloroethane	62		6.624					
60 Trichloroethene	130		7.240					
62 1,2-Dichloropropane	63		7.453					
67 Dichlorobromomethane	83		7.713					
70 cis-1,3-Dichloropropene	75		8.115					

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
71 4-Methyl-2-pentanone (MIBK)	43		8.257					9
72 Toluene	91	8.411	8.411	0.0	94	19420	0.6817	
73 trans-1,3-Dichloropropene	75		8.601					
75 1,1,2-Trichloroethane	97		8.766					9
77 Tetrachloroethene	164	8.884	8.885	-0.001	80	3158	0.4862	
78 2-Hexanone	43		8.979					9
79 Chlorodibromomethane	129		9.109					
123 Ethylene Dibromide	107		9.204					
82 Chlorobenzene	112		9.618					9
84 Ethylbenzene	106	9.713	9.713	0.0	36	1089	0.1080	
10 m-Xylene & p-Xylene	106	9.807	9.807	0.0	91	3758	0.3041	
85 o-Xylene	106	10.151	10.151	0.0	70	1845	0.1399	
86 Styrene	104	10.162	10.162	0.0	61	2151	0.1274	
87 Bromoform	173		10.328					
90 1,1,2,2-Tetrachloroethane	83		10.707					
S 11 1,2-Dichloroethene, Total	96		1.140					
S 114 Xylenes, Total	106				0		0.4440	

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

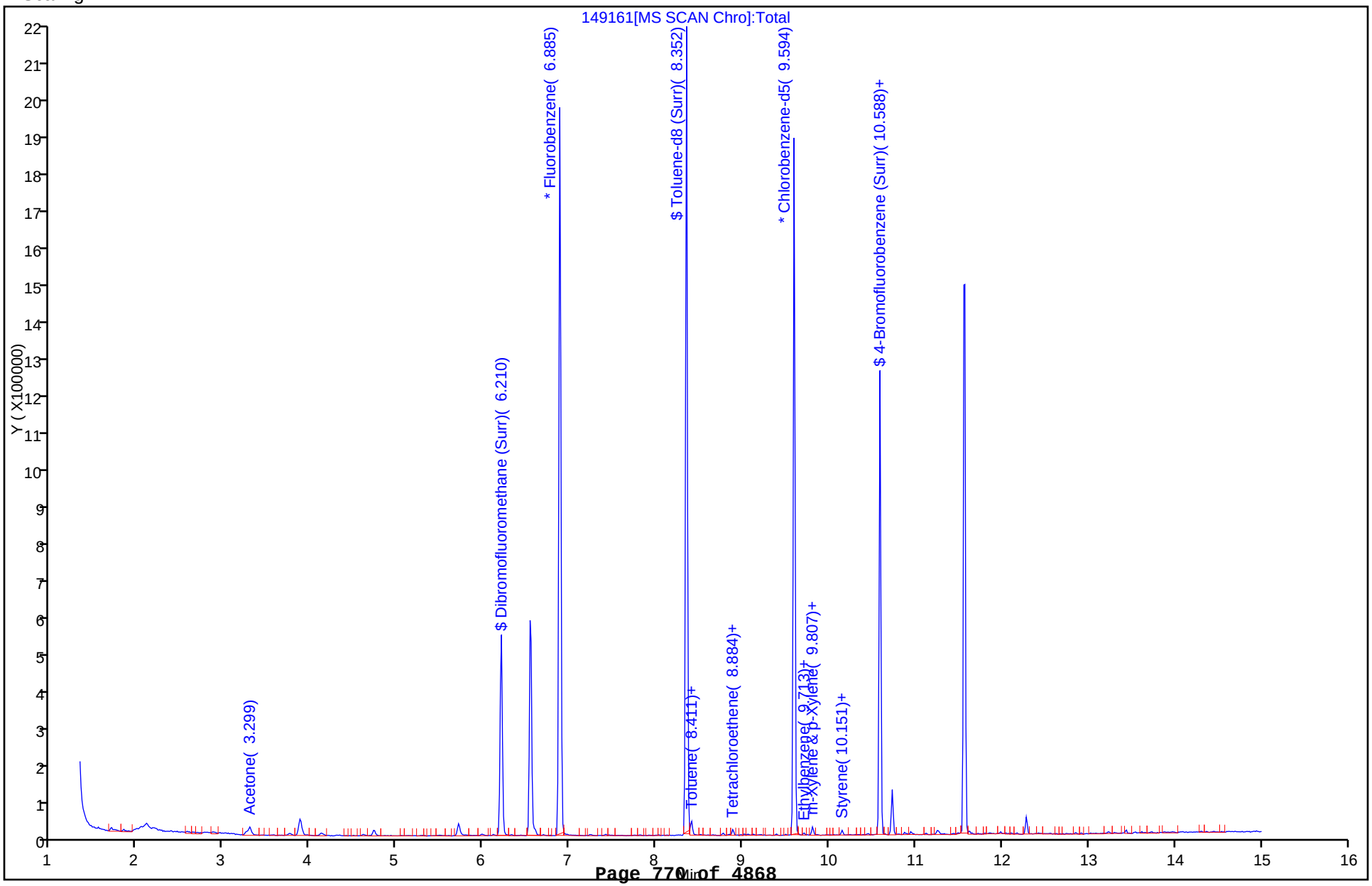
Report Date: 16-Nov-2012 16:03:48 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121114-14942.b\149161.D

Injection Date:	14-Nov-2012 20:50:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SS-0003M-0001-SO	Instrument ID:	A3UX14
Lims Batch ID:	64980	Lims Sample ID:	26
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



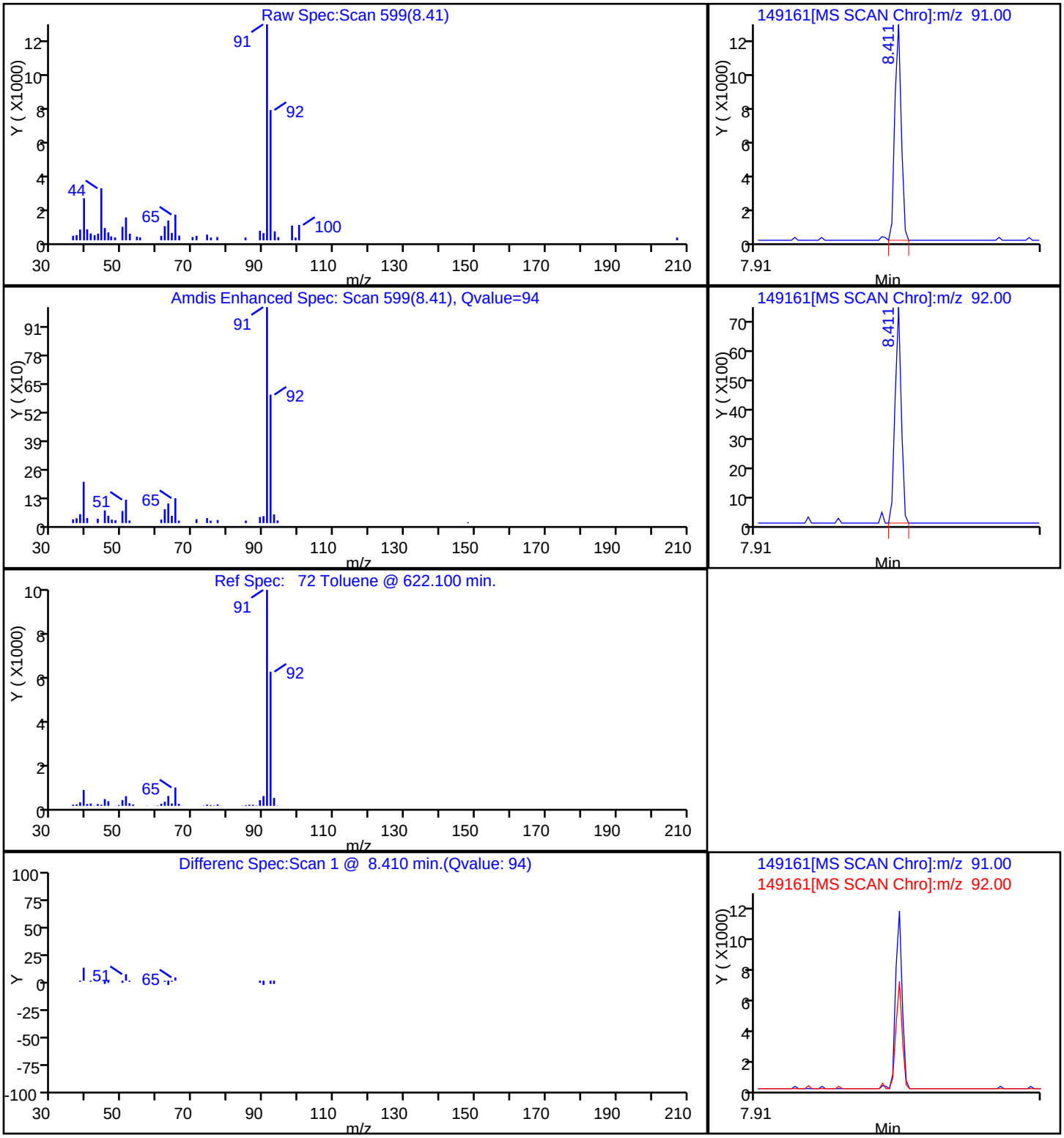
Report Date: 16-Nov-2012 16:03:48 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121114-14942.b\149161.D

Injection Date:	14-Nov-2012 20:50:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SS-0003M-0001-SO	Instrument ID:	A3UX14
Lims Batch ID:	64980	Lims Sample ID:	26
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

72 Toluene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: 076SS-0027-0001-TB | Lab Sample ID: 240-17317-25

Matrix: Water | Lab File ID: UXX0868.D

Analysis Method: 8260B/DoD | Date Collected: 11/07/2012 08:00

Sample wt/vol: 5(mL) | Date Analyzed: 11/13/2012 13:59

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 64831 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
71-55-6	1,1,1-Trichloroethane	0.25	U	1.0	0.25	0.22
79-34-5	1,1,2,2-Tetrachloroethane	0.25	U	1.0	0.25	0.18
79-00-5	1,1,2-Trichloroethane	0.50	U	1.0	0.50	0.27
75-34-3	1,1-Dichloroethane	0.25	U	1.0	0.25	0.15
75-35-4	1,1-Dichloroethene	0.25	U	1.0	0.25	0.19
107-06-2	1,2-Dichloroethane	0.25	U	1.0	0.25	0.22
540-59-0	1,2-Dichloroethene, Total	0.50	U	2.0	0.50	0.34
78-87-5	1,2-Dichloropropane	0.25	U	1.0	0.25	0.18
78-93-3	2-Butanone (MEK)	0.57	U	10	0.57	0.57
591-78-6	2-Hexanone	0.50	U	10	0.50	0.41
108-10-1	4-Methyl-2-pentanone (MIBK)	0.50	U	10	0.50	0.32
67-64-1	Acetone	1.1	U	10	1.1	1.1
71-43-2	Benzene	0.25	U	1.0	0.25	0.13
75-25-2	Bromoform	0.64	U	1.0	0.64	0.64
74-83-9	Bromomethane	0.50	U	1.0	0.50	0.41
75-15-0	Carbon disulfide	0.25	U	1.0	0.25	0.13
56-23-5	Carbon tetrachloride	0.25	U	1.0	0.25	0.13
108-90-7	Chlorobenzene	0.25	U	1.0	0.25	0.15
74-87-3	Chloromethane	0.50	U	1.0	0.50	0.30
10061-01-5	cis-1,3-Dichloropropene	0.25	U	1.0	0.25	0.14
124-48-1	Dibromochloromethane	0.25	U	1.0	0.25	0.18
75-27-4	Bromodichloromethane	0.25	U	1.0	0.25	0.15
100-41-4	Ethylbenzene	0.25	U	1.0	0.25	0.17
1634-04-4	Methyl tert-butyl ether	0.25	U	1.0	0.25	0.17
75-09-2	Methylene Chloride	0.50	U	1.0	0.50	0.33
100-42-5	Styrene	0.25	U	1.0	0.25	0.11
127-18-4	Tetrachloroethene	0.50	U	1.0	0.50	0.29
108-88-3	Toluene	0.25	U	1.0	0.25	0.13
10061-02-6	trans-1,3-Dichloropropene	0.25	U	1.0	0.25	0.19
79-01-6	Trichloroethene	0.25	U	1.0	0.25	0.17
75-01-4	Vinyl chloride	0.25	U	1.0	0.25	0.22
1330-20-7	Xylenes, Total	0.75	U	2.0	0.75	0.28
67-66-3	Chloroform	0.25	U	1.0	0.25	0.16
74-97-5	Bromochloromethane	0.50	U	1.0	0.50	0.29
106-93-4	1,2-Dibromoethane	0.25	U	1.0	0.25	0.24
75-00-3	Chloroethane	0.50	U	1.0	0.50	0.29

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Client Sample ID: 076SS-0027-0001-TB Lab Sample ID: 240-17317-25

Matrix: Water Lab File ID: UXX0868.D

Analysis Method: 8260B/DoD Date Collected: 11/07/2012 08:00

Sample wt/vol: 5(mL) Date Analyzed: 11/13/2012 13:59

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 64831 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
2037-26-5	Toluene-d8 (Surr)	98		85-120
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		70-120
460-00-4	4-Bromofluorobenzene (Surr)	86		75-120
1868-53-7	Dibromofluoromethane (Surr)	98		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX10\20121113-14902.b\UXX0868.D
Lims ID: 240-17317-A-25 Client ID: 076SS-0027-0001-TB
Inject. Date: 13-Nov-2012 13:59:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0014902-008
Misc. Info.: P21113A,8260LLUX10,,1904 =P21113A,8260LLUX10,,1904
Operator: 1904 Instrument ID: A3UX10
Purge Vol: 5.000 mL ALS Bottle#: 7
Lims Batch ID: 64831 Lims Sample ID: 8
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX10\20121113-14902.b\8260_10.m
Last Update: 14-Nov-2012 13:08:23 Calib Date: 12-Nov-2012 19:16:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0857.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK020

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.205	5.204	0.001	99	1666338	10.0	
* 2 Chlorobenzene-d5	117	7.879	7.878	0.001	84	1085459	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.127	10.126	0.001	94	507410	10.0	
$ 5 Dibromofluoromethane (Surr)	113	4.625	4.627	-0.002	59	447813	9.81	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.921	4.911	0.010	0	532879	9.93	
$ 7 Toluene-d8 (Surr)	98	6.565	6.567	-0.002	93	1682786	9.85	
$ 8 4-Bromofluorobenzene (Surr)	95	8.991	8.993	-0.002	92	486447	8.61	
13 Chloromethane	50	1.690	1.692	-0.002	80	17812	0.2782	
14 Vinyl chloride	62		1.799					
16 Bromomethane	94		2.083					9
17 Chloroethane	64		2.165					9
23 1,1-Dichloroethene	96		2.804					
24 Acetone	43		2.816					
27 Carbon disulfide	76		3.006					9
31 Methylene Chloride	84	3.193	3.195	-0.002	82	17343	0.3016	
34 trans-1,2-Dichloroethene	96		3.431					
35 Methyl tert-butyl ether	73		3.431					
37 1,1-Dichloroethane	63		3.763					
42 2-Butanone (MEK)	43	4.234	4.236	-0.002	58	6545	0.2990	
43 cis-1,2-Dichloroethene	96		4.248					
48 Chlorobromomethane	128		4.437					
50 Chloroform	83		4.496					
51 1,1,1-Trichloroethane	97		4.674					
54 Carbon tetrachloride	117		4.816					
57 Benzene	78		4.982					9
56 1,2-Dichloroethane	62		4.982					
61 Trichloroethene	130		5.514					
64 1,2-Dichloropropane	63		5.703					
68 Dichlorobromomethane	83		5.928					
71 cis-1,3-Dichloropropene	75		6.319					
72 4-Methyl-2-pentanone (MIBK)	43		6.437					
73 Toluene	91		6.626					9

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
74 trans-1,3-Dichloropropene	75		6.792					
76 1,1,2-Trichloroethane	97		6.969					
78 Tetrachloroethene	164		7.135					
79 2-Hexanone	43		7.182					
81 Chlorodibromomethane	129		7.336					
83 Ethylene Dibromide	107		7.455					
85 Chlorobenzene	112		7.904					
87 Ethylbenzene	106		8.011					
88 m-Xylene & p-Xylene	106		8.117					
89 o-Xylene	106		8.496					
90 Styrene	104		8.508					
91 Bromoform	173		8.685					
95 1,1,2,2-Tetrachloroethane	83		9.111					
S 120 1,2-Dichloroethene, Total	96		1.140					7
S 122 Xylenes, Total	106		16.530					7

QC Flag Legend

Processing Flags
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

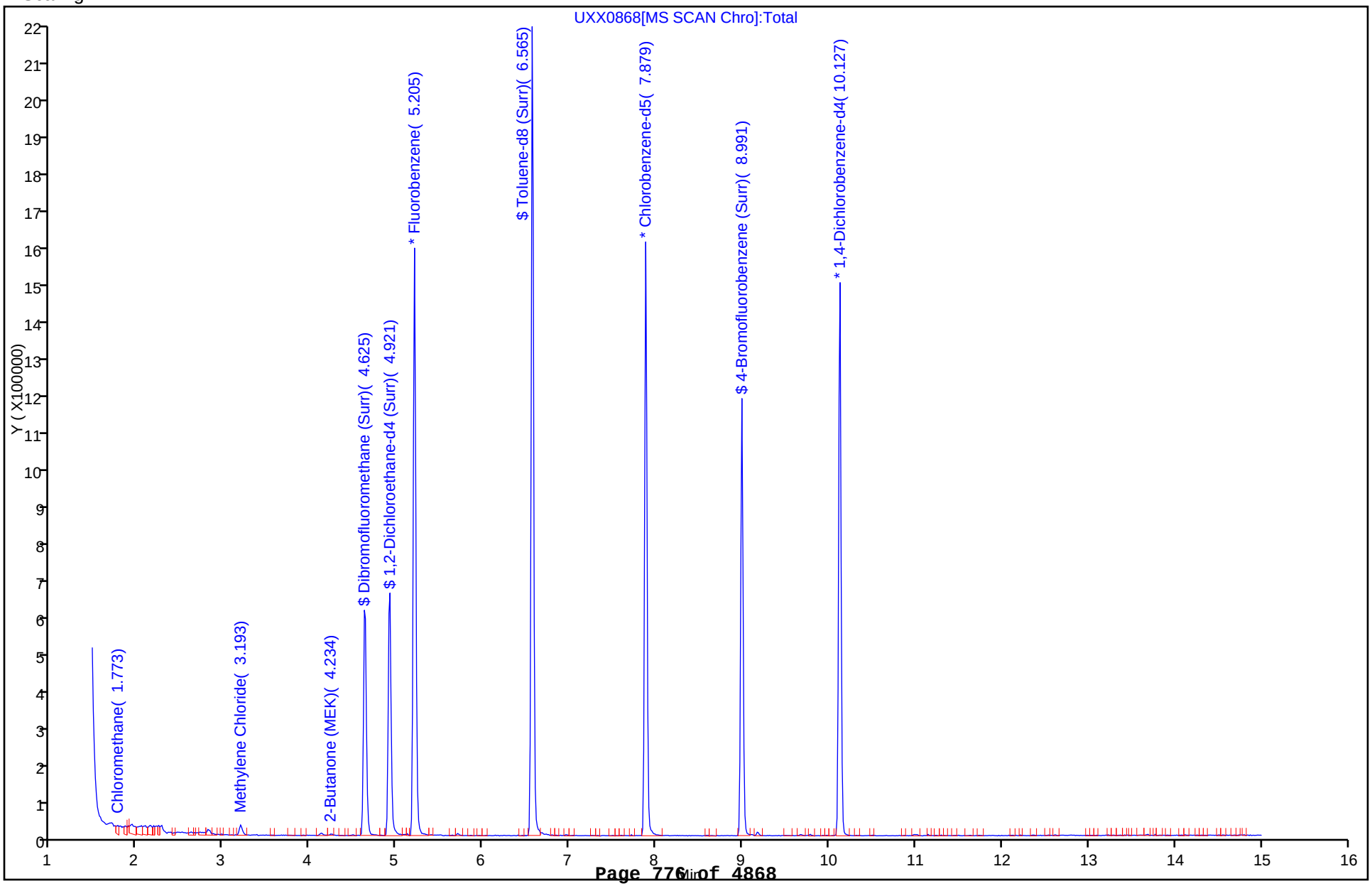
Report Date: 15-Nov-2012 13:50:59 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121113-14902.b\UXX0868.D

Injection Date:	13-Nov-2012 13:59:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	076SS-0027-0001-TB	Instrument ID:	A3UX10
Lims Batch ID:	64831	Lims Sample ID:	8
Operator ID:	1904	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-17317-1 Analy Batch No.: 64678

SDG No.:

Instrument ID: A3UX10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/12/2012 15:10 Calibration End Date: 11/12/2012 17:02 Calibration ID: 12291

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8260 240-64678/7	UXX0851.D
Level 2	STD8260 240-64678/6	UXX0850.D
Level 3	STD8260 240-64678/5	UXX0849.D
Level 4	STD8260 240-64678/4	UXX0848.D
Level 5	STD8260 240-64678/3	UXX0847.D
Level 6	STD8260 240-64678/2	UXX0846.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Dichlorodifluoromethane	0.1989 0.2041	0.2025	0.1993	0.2061	0.1849	Ave		0.1993			0.1000	3.8		15.0			
Chloromethane	0.4442 0.3339	0.4489	0.3848	0.3484	0.3457	Ave		0.3843			0.1000	13.0		15.0			
Vinyl chloride	0.3144 0.2884	0.3231	0.3099	0.3010	0.2881	Ave		0.3042			0.1000	4.7		15.0			
Bromomethane	0.1621 0.1324	0.1622	0.1367	0.1309	0.1294	Ave		0.1423			0.0500	11.0		15.0			
Chloroethane	0.1612 0.1409	0.1694	0.1398	0.1352	0.1359	Ave		0.1471				9.9		15.0			
Trichlorofluoromethane	0.2188 0.2421	0.2204	0.2101	0.2221	0.2114	Ave		0.2208			0.1000	5.2		15.0			
Acrolein	0.0374 0.0346	0.0355	0.0342	0.0356	0.0352	Ave		0.0354				3.2		15.0			
1,1-Dichloroethene	0.2563 0.2519	0.2432	0.2412	0.2414	0.2340	Ave		0.2447			0.1000	3.3		15.0			
Acetone	0.1289 0.0702	0.0998	0.0933	0.0815	0.0776	Lin1	0.1304	0.0715			0.0500				0.9960		0.9950
1,1,2-Trichloro-1,2,2-trifluoroethane	0.1806 0.1919	0.1893	0.1835	0.1920	0.1745	Ave		0.1853			0.0500	3.8		15.0			
Iodomethane	0.4406 0.3945	0.4633	0.4182	0.3914	0.3897	Ave		0.4163				7.3		15.0			
Carbon disulfide	0.7843 0.8231	0.7867	0.7688	0.7446	0.7488	Ave		0.7761			0.1000	3.7		15.0			
Acetonitrile	0.0376 0.0238	0.0345	0.0320	0.0298	0.0275	Qua	0.0892	0.0306	0						1.0000		0.9900
Methyl acetate	0.2579 0.2103	0.2481	0.2370	0.2264	0.2231	Ave		0.2338			0.1000	7.5		15.0			
Methylene Chloride	0.4165 0.3189	0.3801	0.3325	0.3090	0.3137	Ave		0.3451			0.1000	13.0		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-17317-1 Analy Batch No.: 64678

SDG No.:

Instrument ID: A3UX10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/12/2012 15:10 Calibration End Date: 11/12/2012 17:02 Calibration ID: 12291

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
2-Methyl-2-propanol	0.0231 0.0151	0.0220	0.0209	0.0203	0.0198	Ave		0.0202				14.0		15.0			
Acrylonitrile	0.1223 0.1112	0.1158	0.1213	0.1164	0.1163	Ave		0.1172				3.5		15.0			
Methyl tert-butyl ether	0.8827 0.8678	0.8781	0.8738	0.8392	0.8830	Ave		0.8708			0.1000	1.9		15.0			
trans-1,2-Dichloroethene	0.3020 0.3064	0.3058	0.3007	0.2902	0.2935	Ave		0.2998			0.1000	2.2		15.0			
Hexane	0.0438 0.0532	0.0514	0.0432	0.0507	0.0446	Ave		0.0478				9.3		15.0			
1,1-Dichloroethane	0.5407 0.5150	0.5261	0.5080	0.4741	0.5029	Ave		0.5111			0.1000	4.4		15.0			
Vinyl acetate	0.0478 0.0588	0.0484	0.0506	0.0555	0.0571	Ave		0.0530				8.9		15.0			
2-Butanone (MEK)	0.1466 0.1153	0.1377	0.1344	0.1292	0.1249	Ave		0.1314			0.0500	8.2		15.0			
cis-1,2-Dichloroethene	0.3434 0.3406	0.3378	0.3321	0.3149	0.3313	Ave		0.3334			0.1000	3.1		15.0			
2,2-Dichloropropane	0.2985 0.3018	0.2994	0.2904	0.2816	0.2841	Ave		0.2926				2.9		15.0			
Bromochloromethane	0.1745 0.1603	0.1650	0.1579	0.1524	0.1600	Ave		0.1617				4.6		15.0			
Tetrahydrofuran	0.1623 0.0770	0.1268	0.1019	0.0945	0.0906	Qua	0.0510	0.0977	-0.001						1.0000		0.9900
Chloroform	0.5382 0.5104	0.5344	0.5141	0.4847	0.5051	Ave		0.5145				3.8		15.0			
1,1,1-Trichloroethane	0.3435 0.3635	0.3603	0.3531	0.3495	0.3459	Ave		0.3526			0.1000	2.3		15.0			
Cyclohexane	0.3924 0.4297	0.3928	0.3828	0.4176	0.3822	Ave		0.3996			0.1000	4.9		15.0			
1,1-Dichloropropene	0.3666 0.3817	0.3585	0.3484	0.3567	0.3593	Ave		0.3619				3.1		15.0			
Carbon tetrachloride	0.2800 0.2944	0.2895	0.2827	0.2798	0.2804	Ave		0.2845			0.1000	2.1		15.0			
1,2-Dichloroethane	0.3753 0.3636	0.3888	0.3748	0.3532	0.3679	Ave		0.3706			0.1000	3.3		15.0			
Benzene	1.3377 1.2769	1.2734	1.2459	1.1756	1.2375	Ave		1.2578			0.5000	4.3		15.0			
Trichloroethene	0.3319 0.3129	0.3175	0.3008	0.2936	0.3049	Ave		0.3103			0.2000	4.4		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-17317-1 Analy Batch No.: 64678

SDG No.:

Instrument ID: A3UX10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/12/2012 15:10 Calibration End Date: 11/12/2012 17:02 Calibration ID: 12291

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2-Dichloropropane	0.2943 0.2967	0.2997	0.2914	0.2787	0.2906	Ave		0.2919			0.1000	2.5		15.0			
Methylcyclohexane	0.3048 0.3820	0.3122	0.3088	0.3523	0.3165	Ave		0.3294			0.1000	9.4		15.0			
Dibromomethane	0.1719 0.1654	0.1776	0.1687	0.1613	0.1693	Ave		0.1691				3.3		15.0			
1,4-Dioxane	0.0032 0.0019	0.0035	0.0031	0.0032	0.0028	Qua	-0.045	0.0037	0						0.9990		0.9900
Bromodichloromethane	0.3305 0.3666	0.3535	0.3408	0.3314	0.3579	Ave		0.3468			0.1000	4.3		15.0			
2-Chloroethyl vinyl ether	0.1453 0.1796	0.1517	0.1668	0.1668	0.1838	Ave		0.1657				9.1		15.0			
cis-1,3-Dichloropropene	0.3841 0.4756	0.4149	0.4156	0.4175	0.4608	Ave		0.4281			0.1500	7.9		15.0			
4-Methyl-2-pentanone (MIBK)	0.2502 0.2431	0.2520	0.2578	0.2546	0.2644	Ave		0.2537			0.0500	2.8		15.0			
Toluene	1.8664 1.9630	1.9065	1.8992	1.8001	1.8781	Ave		1.8855			0.4000	2.8		15.0			
trans-1,3-Dichloropropene	0.4843 0.5851	0.5120	0.5214	0.5271	0.5752	Ave		0.5342			0.1000	7.2		15.0			
Ethyl methacrylate	0.4175 0.5248	0.4537	0.4976	0.5155	0.5358	Ave		0.4908				9.4		15.0			
1,1,2-Trichloroethane	0.3965 0.3639	0.3986	0.3947	0.3693	0.3697	Ave		0.3821			0.1000	4.2		15.0			
1,3-Dichloropropane	0.6981 0.6579	0.7006	0.6719	0.6455	0.6646	Ave		0.6731				3.3		15.0			
Tetrachloroethene	0.3597 0.3421	0.3494	0.3394	0.3274	0.3239	Ave		0.3403			0.2000	3.9		15.0			
2-Hexanone	0.2126 0.2211	0.2276	0.2441	0.2370	0.2427	Ave		0.2308			0.0500	5.5		15.0			
Dibromochloromethane	0.3322 0.4007	0.3628	0.3736	0.3663	0.3888	Ave		0.3707				6.4		15.0			
1,2-Dibromoethane	0.3784 0.3620	0.3712	0.3747	0.3568	0.3796	Ave		0.3704				2.5		15.0			
Chlorobenzene	1.2245 1.2162	1.1857	1.2088	1.1348	1.1884	Ave		1.1931			0.3000	2.7		15.0			
1,1,1,2-Tetrachloroethane	0.4228 0.4179	0.4074	0.4195	0.3970	0.4190	Ave		0.4139				2.4		15.0			
Ethylbenzene	0.5412 0.6396	0.5736	0.6094	0.5997	0.6150	Ave		0.5964				5.8		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-17317-1 Analy Batch No.: 64678

SDG No.:

Instrument ID: A3UX10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/12/2012 15:10 Calibration End Date: 11/12/2012 17:02 Calibration ID: 12291

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
m-Xylene & p-Xylene	0.6972 0.8248	0.7263	0.7597	0.7488	0.7812	Ave		0.7563				5.8		15.0			
o-Xylene	0.6828 0.7903	0.7132	0.7597	0.7334	0.7722	Ave		0.7419				5.4		15.0			
Styrene	1.0085 1.3633	1.0896	1.1898	1.1917	1.3011	Ave		1.1907			0.3000	11.0		15.0			
Bromoform	0.2037 0.2410	0.2123	0.2232	0.2246	0.2417	Ave		0.2244			0.1000	6.8		15.0			
Isopropylbenzene	1.5016 1.8634	1.5874	1.6652	1.6598	1.7248	Ave		1.6670			0.1000	7.4		15.0			
1,1,2,2-Tetrachloroethane	0.9993 0.8703	0.9692	0.9229	0.9160	0.9142	Ave		0.9320			0.3000	4.9		15.0			
Bromobenzene	0.9066 0.9891	0.9305	0.9192	0.9074	0.9325	Ave		0.9309				3.3		15.0			
1,2,3-Trichloropropane	0.3141 0.2807	0.3294	0.2942	0.2917	0.2971	Ave		0.3012				5.8		15.0			
trans-1,4-Dichloro-2-butene	0.1535 0.2176	0.1449	0.1624	0.1859	0.1964	Lin1	-0.107	0.2101							0.9950		0.9950
N-Propylbenzene	0.7428 0.9160	0.8241	0.8091	0.8068	0.8366	Ave		0.8226				6.8		15.0			
2-Chlorotoluene	0.7886 0.8627	0.8575	0.8175	0.7989	0.8347	Ave		0.8267				3.7		15.0			
1,3,5-Trimethylbenzene	2.3054 2.8184	2.4085	2.5167	2.5446	2.6165	Ave		2.5350				7.0		15.0			
4-Chlorotoluene	0.8271 0.9287	0.9160	0.8864	0.8522	0.8747	Ave		0.8808				4.3		15.0			
tert-Butylbenzene	1.8150 2.4805	2.0046	2.0255	2.0722	2.0913	Ave		2.0815				11.0		15.0			
1,2,4-Trimethylbenzene	2.3225 2.8553	2.5618	2.6034	2.6596	2.7260	Ave		2.6214				6.8		15.0			
sec-Butylbenzene	2.4876 2.9246	2.5564	2.5936	2.6735	2.6770	Ave		2.6521				5.7		15.0			
1,3-Dichlorobenzene	1.7689 1.6631	1.7710	1.6117	1.5728	1.6251	Ave		1.6688			0.6000	5.0		15.0			
4-Isopropyltoluene	1.9274 2.4835	2.1614	2.2101	2.2659	2.3252	Ave		2.2289				8.3		15.0			
1,4-Dichlorobenzene	1.9138 1.7559	1.9110	1.7950	1.6808	1.7314	Ave		1.7980			0.5000	5.3		15.0			
n-Butylbenzene	1.5952 1.9531	1.7170	1.7201	1.8049	1.7969	Ave		1.7645				6.8		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-17317-1 Analy Batch No.: 64678

SDG No.:

Instrument ID: A3UX10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/12/2012 15:10 Calibration End Date: 11/12/2012 17:02 Calibration ID: 12291

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2-Dichlorobenzene	1.7369 1.5919	1.7869	1.6727	1.5983	1.6348	Ave		1.6702			0.4000	4.7		15.0			
1,2-Dibromo-3-Chloropropane	0.1560 0.1265	0.1750	0.1482	0.1702	0.1674	Ave		0.1572			0.0500	11.0		15.0			
1,3,5-Trichlorobenzene	1.0120 0.7612	1.0543	0.9110	0.9328	0.9131	Ave		0.9307				11.0		15.0			
1,2,4-Trichlorobenzene	0.8797 0.6225	0.9696	0.8584	0.9081	0.8514	Ave		0.8483			0.2000	14.0		15.0			
Hexachlorobutadiene	0.4057 0.1875	0.4181	0.3466	0.3516	0.2693	Qua	0.1206	0.3580	-0.004						0.9980		0.9900
Naphthalene	2.3166 +++++	2.7051	2.4216	2.8654	2.6168	Ave		2.5851				8.5		15.0			
1,2,3-Trichlorobenzene	0.9662 +++++	1.0400	0.8872	0.9193	0.7679	Ave		0.9161				11.0		15.0			
Dibromofluoromethane (Surr)	0.2741 0.2764	0.2745	0.2863	0.2620	0.2701	Ave		0.2739				2.9		15.0			
1,2-Dichloroethane-d4 (Surr)	0.3189 0.3200	0.3315	0.3353	0.3006	0.3252	Ave		0.3219				3.8		15.0			
Toluene-d8 (Surr)	1.5102 1.6599	1.5163	1.6282	1.5503	1.5788	Ave		1.5740				3.8		15.0			
4-Bromofluorobenzene (Surr)	0.5032 0.5358	0.5103	0.5387	0.5055	0.5296	Ave		0.5205				3.1		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-17317-1 Analy Batch No.: 64678

SDG No.:

Instrument ID: A3UX10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/12/2012 15:10 Calibration End Date: 11/12/2012 17:02 Calibration ID: 12291

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8260 240-64678/7	UXX0851.D
Level 2	STD8260 240-64678/6	UXX0850.D
Level 3	STD8260 240-64678/5	UXX0849.D
Level 4	STD8260 240-64678/4	UXX0848.D
Level 5	STD8260 240-64678/3	UXX0847.D
Level 6	STD8260 240-64678/2	UXX0846.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Dichlorodifluoromethane	FB	Ave	34671 1517107	70486	177301	373185	669856	1.00 40.0	2.00	5.00	10.0	20.0
Chloromethane	FB	Ave	77442 2482208	156281	342304	630854	1252314	1.00 40.0	2.00	5.00	10.0	20.0
Vinyl chloride	FB	Ave	54815 2144335	112499	275699	545008	1043756	1.00 40.0	2.00	5.00	10.0	20.0
Bromomethane	FB	Ave	28264 983996	56470	121597	236981	468904	1.00 40.0	2.00	5.00	10.0	20.0
Chloroethane	FB	Ave	28099 1047754	58980	124356	244780	492362	1.00 40.0	2.00	5.00	10.0	20.0
Trichlorofluoromethane	FB	Ave	38147 1799625	76738	186904	402134	765812	1.00 40.0	2.00	5.00	10.0	20.0
Acrolein	FB	Ave	65268 2570338	123569	304469	644261	1273557	10.0 400	20.0	50.0	100	200
1,1-Dichloroethene	FB	Ave	44690 1872976	84658	214549	437052	847885	1.00 40.0	2.00	5.00	10.0	20.0
Acetone	FB	Lin1	44960 1043547	69478	166058	295160	562559	2.00 80.0	4.00	10.0	20.0	40.0
1,1,2-Trichloro-1,2,2-trifluoroetha ne	FB	Ave	31497 1426944	65909	163255	347682	632122	1.00 40.0	2.00	5.00	10.0	20.0
Iodomethane	FB	Ave	76830 2933107	161277	372028	708810	1411863	1.00 40.0	2.00	5.00	10.0	20.0
Carbon disulfide	FB	Ave	136745 6119513	273875	683913	1348377	2713083	1.00 40.0	2.00	5.00	10.0	20.0
Acetonitrile	FB	Qua	65625 1767771	120215	284821	538745	994750	10.0 400	20.0	50.0	100	200
Methyl acetate	FB	Ave	89933 3126431	172767	421663	819857	1616797	2.00 80.0	4.00	10.0	20.0	40.0
Methylene Chloride	FB	Ave	72627 2370613	132313	295754	559579	1136559	1.00 40.0	2.00	5.00	10.0	20.0
2-Methyl-2-propanol	FB	Ave	80525 2241645	153465	372177	736635	1437321	20.0 800	40.0	100	200	400

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-17317-1 Analy Batch No.: 64678

SDG No.:

Instrument ID: A3UX10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/12/2012 15:10 Calibration End Date: 11/12/2012 17:02 Calibration ID: 12291

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Acrylonitrile	FB	Ave	42638 1653968	80637	215874	421506	842773	2.00 80.0	4.00	10.0	20.0	40.0
Methyl tert-butyl ether	FB	Ave	153912 6451424	305714	777265	1519712	3199056	1.00 40.0	2.00	5.00	10.0	20.0
trans-1,2-Dichloroethene	FB	Ave	52663 2277605	106452	267462	525590	1063185	1.00 40.0	2.00	5.00	10.0	20.0
Hexane	FB	Ave	7645 395795	17904	38466	91773	161419	1.00 40.0	2.00	5.00	10.0	20.0
1,1-Dichloroethane	FB	Ave	94279 3828847	183164	451913	858573	1821871	1.00 40.0	2.00	5.00	10.0	20.0
Vinyl acetate	FB	Ave	8334 437314	16843	44995	100425	206976	1.00 40.0	2.00	5.00	10.0	20.0
2-Butanone (MEK)	FB	Ave	51121 1714375	95911	239039	468043	904760	2.00 80.0	4.00	10.0	20.0	40.0
cis-1,2-Dichloroethene	FB	Ave	59877 2532393	117608	295440	570139	1200218	1.00 40.0	2.00	5.00	10.0	20.0
2,2-Dichloropropane	FB	Ave	52041 2243724	104223	258332	509922	1029269	1.00 40.0	2.00	5.00	10.0	20.0
Bromochloromethane	FB	Ave	30419 1191655	57430	140473	275976	579619	1.00 40.0	2.00	5.00	10.0	20.0
Tetrahydrofuran	FB	Qua	28303 572725	44131	90634	171197	328102	1.00 40.0	2.00	5.00	10.0	20.0
Chloroform	FB	Ave	93846 3794429	186053	457349	877735	1830142	1.00 40.0	2.00	5.00	10.0	20.0
1,1,1-Trichloroethane	FB	Ave	59884 2702490	125449	314125	632967	1253228	1.00 40.0	2.00	5.00	10.0	20.0
Cyclohexane	FB	Ave	68421 3194526	136757	340535	756268	1384706	1.00 40.0	2.00	5.00	10.0	20.0
1,1-Dichloropropene	FB	Ave	63924 2837459	124802	309947	645899	1301656	1.00 40.0	2.00	5.00	10.0	20.0
Carbon tetrachloride	FB	Ave	48821 2188730	100798	251500	506633	1015979	1.00 40.0	2.00	5.00	10.0	20.0
1,2-Dichloroethane	FB	Ave	65431 2702867	135372	333387	639567	1332741	1.00 40.0	2.00	5.00	10.0	20.0
Benzene	FB	Ave	233228 9493368	443302	1108291	2128801	4483517	1.00 40.0	2.00	5.00	10.0	20.0
Trichloroethene	FB	Ave	57861 2326533	110526	267568	531723	1104556	1.00 40.0	2.00	5.00	10.0	20.0
1,2-Dichloropropane	FB	Ave	51313 2205915	104320	259174	504756	1052699	1.00 40.0	2.00	5.00	10.0	20.0
Methylcyclohexane	FB	Ave	53144 2839694	108692	274651	637965	1146512	1.00 40.0	2.00	5.00	10.0	20.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-17317-1 Analy Batch No.: 64678

SDG No.:

Instrument ID: A3UX10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/12/2012 15:10 Calibration End Date: 11/12/2012 17:02 Calibration ID: 12291

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Dibromomethane	FB	Ave	29978 1229677	61839	150074	292142	613551	1.00 40.0	2.00	5.00	10.0	20.0
1,4-Dioxane	FB	Qua	27535 720574	60682	137374	288501	512220	50.0 2000	100	250	500	1000
Bromodichloromethane	FB	Ave	57623 2725858	123061	303148	600098	1296764	1.00 40.0	2.00	5.00	10.0	20.0
2-Chloroethyl vinyl ether	FB	Ave	50671 2670875	105614	296796	604141	1331531	2.00 80.0	4.00	10.0	20.0	40.0
cis-1,3-Dichloropropene	FB	Ave	66977 3536095	144437	369728	755964	1669482	1.00 40.0	2.00	5.00	10.0	20.0
4-Methyl-2-pentanone (MIBK)	FB	Ave	87243 3614614	175491	458647	922094	1915881	2.00 80.0	4.00	10.0	20.0	40.0
Toluene	CBZ	Ave	217546 10274925	451655	1132310	2241611	4790661	1.00 40.0	2.00	5.00	10.0	20.0
trans-1,3-Dichloropropene	CBZ	Ave	56453 3062643	121296	310855	656429	1467254	1.00 40.0	2.00	5.00	10.0	20.0
Ethyl methacrylate	CBZ	Ave	48665 2746746	107493	296669	641991	1366660	1.00 40.0	2.00	5.00	10.0	20.0
1,1,2-Trichloroethane	CBZ	Ave	46213 1904687	94427	235302	459854	943086	1.00 40.0	2.00	5.00	10.0	20.0
1,3-Dichloropropane	CBZ	Ave	81372 3443790	165969	400610	803827	1695247	1.00 40.0	2.00	5.00	10.0	20.0
Tetrachloroethene	CBZ	Ave	41923 1790634	82786	202364	407744	826165	1.00 40.0	2.00	5.00	10.0	20.0
2-Hexanone	CBZ	Ave	49559 2314236	107859	291062	590164	1237996	2.00 80.0	4.00	10.0	20.0	40.0
Dibromochloromethane	CBZ	Ave	38720 2097297	85958	222734	456198	991725	1.00 40.0	2.00	5.00	10.0	20.0
1,2-Dibromoethane	CBZ	Ave	44106 1895026	87936	223365	444348	968223	1.00 40.0	2.00	5.00	10.0	20.0
Chlorobenzene	CBZ	Ave	142728 6365963	280902	720708	1413092	3031433	1.00 40.0	2.00	5.00	10.0	20.0
1,1,1,2-Tetrachloroethane	CBZ	Ave	49287 2187416	96510	250128	494391	1068740	1.00 40.0	2.00	5.00	10.0	20.0
Ethylbenzene	CBZ	Ave	63081 3347620	135894	363350	746753	1568837	1.00 40.0	2.00	5.00	10.0	20.0
m-Xylene & p-Xylene	CBZ	Ave	162535 8634865	344119	905853	1864879	3985489	2.00 80.0	4.00	10.0	20.0	40.0
o-Xylene	CBZ	Ave	79587 4136461	168969	452959	913272	1969700	1.00 40.0	2.00	5.00	10.0	20.0
Styrene	CBZ	Ave	117552 7135888	258133	709345	1484029	3318900	1.00 40.0	2.00	5.00	10.0	20.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-17317-1 Analy Batch No.: 64678

SDG No.:

Instrument ID: A3UX10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/12/2012 15:10 Calibration End Date: 11/12/2012 17:02 Calibration ID: 12291

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Bromoform	CBZ	Ave	23746 1261483	50285	133051	279702	616561	1.00 40.0	2.00	5.00	10.0	20.0
Isopropylbenzene	CBZ	Ave	175027 9753706	376054	992795	2066828	4399760	1.00 40.0	2.00	5.00	10.0	20.0
1,1,2,2-Tetrachloroethane	DCB	Ave	59590 2260530	119752	294932	599230	1229157	1.00 40.0	2.00	5.00	10.0	20.0
Bromobenzene	DCB	Ave	54065 2569216	114972	293754	593639	1253824	1.00 40.0	2.00	5.00	10.0	20.0
1,2,3-Trichloropropane	DCB	Ave	18732 729085	40695	94024	190863	399459	1.00 40.0	2.00	5.00	10.0	20.0
trans-1,4-Dichloro-2-butene	DCB	Lin1	9151 565293	17898	51883	121595	264109	1.00 40.0	2.00	5.00	10.0	20.0
N-Propylbenzene	DCB	Ave	44296 2379317	101816	258545	527842	1124810	1.00 40.0	2.00	5.00	10.0	20.0
2-Chlorotoluene	DCB	Ave	47028 2240856	105949	261247	522662	1122340	1.00 40.0	2.00	5.00	10.0	20.0
1,3,5-Trimethylbenzene	DCB	Ave	137475 7320946	297581	804267	1664702	3517956	1.00 40.0	2.00	5.00	10.0	20.0
4-Chlorotoluene	DCB	Ave	49320 2412432	113179	283249	557492	1176060	1.00 40.0	2.00	5.00	10.0	20.0
tert-Butylbenzene	DCB	Ave	108234 6443256	247676	647284	1355669	2811782	1.00 40.0	2.00	5.00	10.0	20.0
1,2,4-Trimethylbenzene	DCB	Ave	138495 7416636	316517	831957	1739940	3665232	1.00 40.0	2.00	5.00	10.0	20.0
sec-Butylbenzene	DCB	Ave	148343 7596669	315856	828824	1749001	3599319	1.00 40.0	2.00	5.00	10.0	20.0
1,3-Dichlorobenzene	DCB	Ave	105483 4319964	218816	515050	1028971	2184946	1.00 40.0	2.00	5.00	10.0	20.0
4-Isopropyltoluene	DCB	Ave	114936 6450809	267048	706275	1482377	3126343	1.00 40.0	2.00	5.00	10.0	20.0
1,4-Dichlorobenzene	DCB	Ave	114122 4561039	236109	573628	1099593	2327891	1.00 40.0	2.00	5.00	10.0	20.0
n-Butylbenzene	DCB	Ave	95124 5073281	212137	549686	1180776	2416052	1.00 40.0	2.00	5.00	10.0	20.0
1,2-Dichlorobenzene	DCB	Ave	103573 4134855	220774	534538	1045591	2198021	1.00 40.0	2.00	5.00	10.0	20.0
1,2-Dibromo-3-Chloropropane	DCB	Ave	9302 328665	21622	47356	111358	225061	1.00 40.0	2.00	5.00	10.0	20.0
1,3,5-Trichlorobenzene	DCB	Ave	60345 1977219	130259	291118	610228	1227759	1.00 40.0	2.00	5.00	10.0	20.0
1,2,4-Trichlorobenzene	DCB	Ave	52456 1616850	119798	274305	594109	1144674	1.00 40.0	2.00	5.00	10.0	20.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-17317-1 Analy Batch No.: 64678

SDG No.:

Instrument ID: A3UX10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/12/2012 15:10 Calibration End Date: 11/12/2012 17:02 Calibration ID: 12291

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Hexachlorobutadiene	DCB	Qua	24195 487092	51657	110766	230031	362028	1.00 40.0	2.00	5.00	10.0	20.0
Naphthalene	DCB	Ave	138144 +++++	334220	773873	1874568	3518446	1.00 +++++	2.00	5.00	10.0	20.0
1,2,3-Trichlorobenzene	DCB	Ave	57614 +++++	128490	283525	601412	1032422	1.00 +++++	2.00	5.00	10.0	20.0
Dibromofluoromethane (Surr)	FB	Ave	47796 2054581	95558	254654	474438	978409	1.00 40.0	2.00	5.00	10.0	20.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	55605 2378828	115392	298265	544354	1178172	1.00 40.0	2.00	5.00	10.0	20.0
Toluene-d8 (Surr)	CBZ	Ave	176027 8688536	359210	970714	1930573	4027368	1.00 40.0	2.00	5.00	10.0	20.0
4-Bromofluorobenzene (Surr)	CBZ	Ave	58658 2804504	120897	321161	629515	1350915	1.00 40.0	2.00	5.00	10.0	20.0

Curve Type Legend:

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD
Qua = Quadratic ISTD

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0846.D
Lims ID: STD8260 L6 Client ID:
Inject. Date: 12-Nov-2012 15:10:30 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 6
Sample ID: 240-0014871-001
Misc. Info.: P21112A-IC,8260LLUX10,,1904 =P21112A-IC,8260LLUX10,,1904
Operator: 1904 Instrument ID: A3UX10
Purge Vol: 5.000 mL ALS Bottle#: 1
Lims Batch ID: 64678 Lims Sample ID: 2
Sublist: chrom-8260_10*sub25
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX10\20121112-14871.b\8260_10.m
Last Update: 14-Nov-2012 12:22:53 Calib Date: 12-Nov-2012 19:16:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0857.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK005

First Level Reviewer: quayler Date: 12-Nov-2012 15:41:27

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.204	5.204	0.0	99	1858646	10.0	
* 2 Chlorobenzene-d5	117	7.878	7.878	0.0	83	1308572	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.126	10.127	-0.001	72	649378	10.0	
$ 5 Dibromofluoromethane (Surr)	113	4.636	4.627	0.009	59	2054581	40.4	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.920	4.923	-0.002	0	2378828	39.8	
$ 7 Toluene-d8 (Surr)	98	6.564	6.567	-0.003	92	8688536	42.2	
$ 8 4-Bromofluorobenzene (Surr)	95	8.990	8.993	-0.003	91	2804504	41.2	
12 Dichlorodifluoromethane	85	1.559	1.562	-0.003	88	1517107	41.0	
13 Chloromethane	50	1.701	1.704	-0.003	89	2482208	34.8	
14 Vinyl chloride	62	1.808	1.799	0.009	82	2144335	37.9	
16 Bromomethane	94	2.092	2.094	-0.002	88	983996	37.2	
17 Chloroethane	64	2.174	2.177	-0.003	99	1047754	38.3	
19 Trichlorofluoromethane	101	2.399	2.390	0.009	97	1799625	43.9	
21 Acrolein	56	2.695	2.698	-0.003	96	2570338	390.5	
23 1,1-Dichloroethene	96	2.813	2.816	-0.003	88	1872976	41.2	
24 Acetone	43	2.825	2.828	-0.003	100	1043547	76.7	
25 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.837	2.840	-0.003	83	1426944	41.4	
26 Iodomethane	142	2.943	2.935	0.008	96	2933107	37.9	
27 Carbon disulfide	76	3.003	3.006	-0.003	98	6119513	42.4	
28 Acetonitrile	41	3.050	3.053	-0.003	98	1767771	400.1	
30 Methyl acetate	43	3.097	3.100	-0.003	95	3126431	71.9	
31 Methylene Chloride	84	3.192	3.195	-0.003	79	2370613	37.0	
32 2-Methyl-2-propanol	59	3.263	3.266	-0.003	96	2241645	596.5	
33 Acrylonitrile	53	3.381	3.384	-0.003	100	1653968	75.9	
35 Methyl tert-butyl ether	73	3.429	3.432	-0.003	87	6451424	39.9	
34 trans-1,2-Dichloroethene	96	3.429	3.432	-0.003	61	2277605	40.9	
36 Hexane	86	3.665	3.656	0.009	91	395795	44.5	
37 1,1-Dichloroethane	63	3.772	3.775	-0.003	96	3828847	40.3	
38 Vinyl acetate	86	3.795	3.798	-0.003	96	437314	44.4	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
42 2-Butanone (MEK)	43	4.233	4.236	-0.003	95	1714375	70.2	
43 cis-1,2-Dichloroethene	96	4.245	4.248	-0.003	68	2532393	40.9	
44 2,2-Dichloropropane	77	4.257	4.260	-0.003	87	2243724	41.3	
48 Chlorobromomethane	128	4.446	4.449	-0.003	89	1191655	39.7	
49 Tetrahydrofuran	42	4.482	4.485	-0.003	95	572725	39.9	
50 Chloroform	83	4.494	4.497	-0.003	81	3794429	39.7	
51 1,1,1-Trichloroethane	97	4.671	4.674	-0.003	89	2702490	41.2	
52 Cyclohexane	56	4.742	4.745	-0.003	86	3194526	43.0	
53 1,1-Dichloropropene	75	4.813	4.804	0.009	95	2837459	42.2	
54 Carbon tetrachloride	117	4.825	4.816	0.009	89	2188730	41.4	
56 1,2-Dichloroethane	62	4.979	4.982	-0.003	78	2702867	39.2	
57 Benzene	78	4.979	4.982	-0.003	94	9493368	40.6	
61 Trichloroethene	130	5.523	5.514	0.009	92	2326533	40.3	
63 Methylcyclohexane	83	5.701	5.703	-0.003	88	2839694	46.4	
64 1,2-Dichloropropane	63	5.701	5.703	-0.003	92	2205915	40.7	
66 Dibromomethane	93	5.807	5.798	0.009	89	1229677	39.1	
67 1,4-Dioxane	88	5.807	5.810	-0.003	89	720574	1977.5	
68 Dichlorobromomethane	83	5.925	5.928	-0.003	94	2725858	42.3	
70 2-Chloroethyl vinyl ether	63	6.174	6.177	-0.003	91	2670875	86.7	
71 cis-1,3-Dichloropropene	75	6.316	6.319	-0.003	94	3536095	44.4	
72 4-Methyl-2-pentanone (MIBK)	43	6.446	6.437	0.009	95	3614614	76.7	
73 Toluene	91	6.623	6.626	-0.003	97	10274925	41.6	
74 trans-1,3-Dichloropropene	75	6.801	6.804	-0.003	87	3062643	43.8	
75 Ethyl methacrylate	69	6.872	6.875	-0.003	88	2746746	42.8	
76 1,1,2-Trichloroethane	97	6.967	6.970	-0.003	84	1904687	38.1	
77 1,3-Dichloropropane	76	7.120	7.123	-0.003	92	3443790	39.1	
78 Tetrachloroethene	164	7.132	7.135	-0.003	90	1790634	40.2	
79 2-Hexanone	43	7.180	7.183	-0.003	95	2314236	76.6	
81 Chlorodibromomethane	129	7.333	7.336	-0.003	88	2097297	43.2	
83 Ethylene Dibromide	107	7.452	7.455	-0.003	99	1895026	39.1	
85 Chlorobenzene	112	7.913	7.904	0.009	98	6365963	40.8	
86 1,1,1,2-Tetrachloroethane	131	7.972	7.975	-0.003	85	2187416	40.4	
87 Ethylbenzene	106	8.008	8.011	-0.003	97	3347620	42.9	
88 m-Xylene & p-Xylene	106	8.114	8.117	-0.003	98	8634865	87.2	
89 o-Xylene	106	8.493	8.496	-0.003	92	4136461	42.6	
90 Styrene	104	8.505	8.508	-0.003	93	7135888	45.8	
91 Bromoform	173	8.682	8.685	-0.003	99	1261483	43.0	
92 Isopropylbenzene	105	8.848	8.851	-0.003	94	9753706	44.7	
95 1,1,2,2-Tetrachloroethane	83	9.108	9.111	-0.003	85	2260530	37.4	
96 Bromobenzene	156	9.144	9.147	-0.003	90	2569216	42.5	
97 1,2,3-Trichloropropane	110	9.156	9.159	-0.003	71	729085	37.3	
98 trans-1,4-Dichloro-2-butene	53	9.168	9.170	-0.002	72	565293	41.9	
99 N-Propylbenzene	120	9.250	9.241	0.009	98	2379317	44.5	
100 2-Chlorotoluene	126	9.333	9.336	-0.003	97	2240856	41.7	
101 1,3,5-Trimethylbenzene	105	9.416	9.407	0.009	92	7320946	44.5	
102 4-Chlorotoluene	126	9.440	9.431	0.009	98	2412432	42.2	
103 tert-Butylbenzene	119	9.735	9.738	-0.003	90	6443256	47.7	
104 1,2,4-Trimethylbenzene	105	9.783	9.786	-0.003	72	7416636	43.6	
105 sec-Butylbenzene	105	9.948	9.951	-0.003	94	7596669	44.1	
106 1,3-Dichlorobenzene	146	10.067	10.070	-0.003	96	4319964	39.9	
107 4-Isopropyltoluene	119	10.090	10.093	-0.003	97	6450809	44.6	
108 1,4-Dichlorobenzene	146	10.150	10.153	-0.003	95	4561039	39.1	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
110 n-Butylbenzene	91	10.505	10.496	0.009	97	5073281	44.3	
111 1,2-Dichlorobenzene	146	10.516	10.519	-0.003	98	4134855	38.1	
112 1,2-Dibromo-3-Chloropropane	157	11.286	11.289	-0.003	88	328665	32.2	
113 1,3,5-Trichlorobenzene	180	11.510	11.513	-0.003	97	1977219	32.7	
114 1,2,4-Trichlorobenzene	180	12.126	12.129	-0.003	92	1616850	29.4	
115 Hexachlorobutadiene	225	12.303	12.306	-0.003	96	487092	NaN	
116 Naphthalene	128	12.374	12.377	-0.003	100	4042500	24.1	
117 1,2,3-Trichlorobenzene	180	12.623	12.626	-0.003	99	1163004	19.5	
S 119 Trihalomethanes, Total	1				0		168.2	
S 120 1,2-Dichloroethene, Total	96				0		81.8	
S 121 1,3-Dichloropropene, Total	75				0		88.3	
S 122 Xylenes, Total	106				0		129.9	

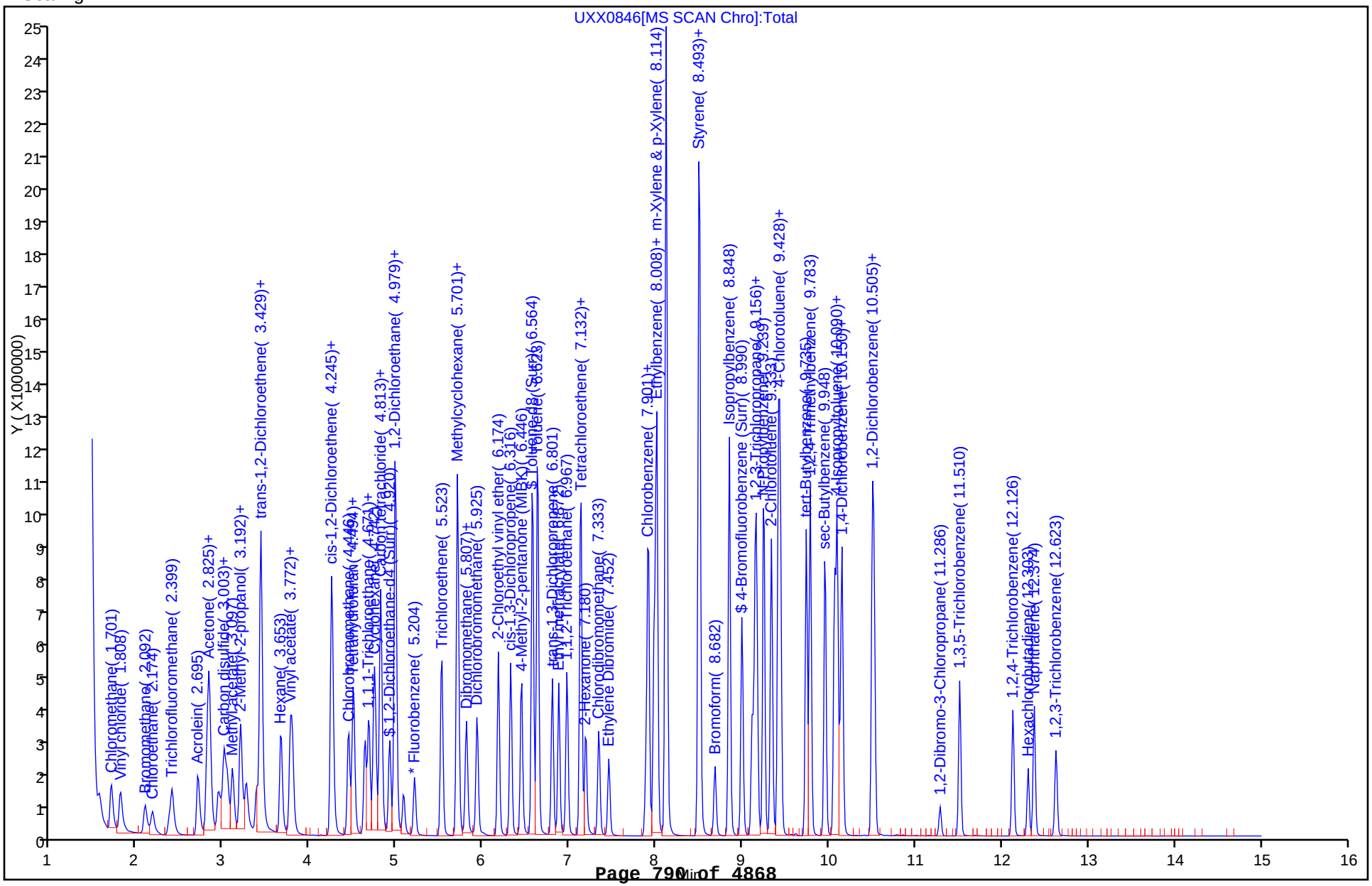
Report Date: 14-Nov-2012 12:22:53 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0846.D

Injection Date:	12-Nov-2012 15:10:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX10
Lims Batch ID:	64678	Lims Sample ID:	2
Operator ID:	1904	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0847.D
Lims ID: STD8260 L5 Client ID:
Inject. Date: 12-Nov-2012 15:33:30 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 5
Sample ID: 240-0014871-002
Misc. Info.: P21112A-IC,8260LLUX10,,1904 =P21112A-IC,8260LLUX10,,1904
Operator: 1904 Instrument ID: A3UX10
Purge Vol: 5.000 mL ALS Bottle#: 2
Lims Batch ID: 64678 Lims Sample ID: 3
Sublist: chrom-8260_10*sub25
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX10\20121112-14871.b\8260_10.m
Last Update: 14-Nov-2012 12:22:54 Calib Date: 12-Nov-2012 19:16:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0857.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK005

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.205	5.204	0.001	100	1811507	10.0	
* 2 Chlorobenzene-d5	117	7.879	7.878	0.001	85	1275429	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.127	10.127	0.0	79	672268	10.0	
$ 5 Dibromofluoromethane (Surr)	113	4.637	4.627	0.010	60	978409	19.7	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.921	4.923	-0.001	0	1178172	20.2	
$ 7 Toluene-d8 (Surr)	98	6.565	6.567	-0.002	92	4027368	20.1	
$ 8 4-Bromofluorobenzene (Surr)	95	8.991	8.993	-0.002	93	1350915	20.3	
12 Dichlorodifluoromethane	85	1.560	1.562	-0.002	92	669856	18.6	
13 Chloromethane	50	1.702	1.704	-0.002	99	1252314	18.0	
14 Vinyl chloride	62	1.809	1.799	0.010	94	1043756	18.9	
16 Bromomethane	94	2.093	2.094	-0.001	88	468904	18.2	
17 Chloroethane	64	2.175	2.177	-0.002	99	492362	18.5	
19 Trichlorofluoromethane	101	2.400	2.390	0.010	98	765812	19.1	
21 Acrolein	56	2.696	2.698	-0.002	97	1273557	198.5	
23 1,1-Dichloroethene	96	2.814	2.816	-0.002	88	847885	19.1	
24 Acetone	43	2.826	2.828	-0.002	100	562559	41.6	
25 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.838	2.840	-0.002	82	632122	18.8	
26 Iodomethane	142	2.933	2.935	-0.002	95	1411863	18.7	
27 Carbon disulfide	76	3.004	3.006	-0.002	98	2713083	19.3	
28 Acetonitrile	41	3.051	3.053	-0.002	99	994750	199.5	
30 Methyl acetate	43	3.098	3.100	-0.002	95	1616797	38.2	
31 Methylene Chloride	84	3.193	3.195	-0.002	81	1136559	18.2	
32 2-Methyl-2-propanol	59	3.264	3.266	-0.002	98	1437321	392.5	
33 Acrylonitrile	53	3.382	3.384	-0.002	100	842773	39.7	
35 Methyl tert-butyl ether	73	3.430	3.432	-0.002	87	3199056	20.3	
34 trans-1,2-Dichloroethene	96	3.430	3.432	-0.002	62	1063185	19.6	
36 Hexane	86	3.666	3.656	0.010	91	161419	18.6	
37 1,1-Dichloroethane	63	3.773	3.775	-0.002	85	1821871	19.7	
38 Vinyl acetate	86	3.797	3.798	-0.001	97	206976	21.5	
42 2-Butanone (MEK)	43	4.234	4.236	-0.002	95	904760	38.0	
43 cis-1,2-Dichloroethene	96	4.246	4.248	-0.002	68	1200218	19.9	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
44 2,2-Dichloropropane	77	4.258	4.260	-0.002	87	1029269	19.4	
48 Chlorobromomethane	128	4.447	4.449	-0.002	91	579619	19.8	
49 Tetrahydrofuran	42	4.495	4.485	0.010	88	328102	20.3	
50 Chloroform	83	4.495	4.497	-0.002	89	1830142	19.6	
51 1,1,1-Trichloroethane	97	4.672	4.674	-0.002	92	1253228	19.6	
52 Cyclohexane	56	4.743	4.745	-0.002	87	1384706	19.1	
53 1,1-Dichloropropene	75	4.814	4.804	0.010	95	1301656	19.9	
54 Carbon tetrachloride	117	4.826	4.816	0.010	86	1015979	19.7	
56 1,2-Dichloroethane	62	4.980	4.982	-0.002	52	1332741	19.9	
57 Benzene	78	4.980	4.982	-0.002	94	4483517	19.7	
61 Trichloroethene	130	5.524	5.514	0.010	92	1104556	19.7	
63 Methylcyclohexane	83	5.702	5.703	-0.001	84	1146512	19.2	
64 1,2-Dichloropropane	63	5.702	5.703	-0.001	84	1052699	19.9	
66 Dibromomethane	93	5.808	5.798	0.010	88	613551	20.0	
67 1,4-Dioxane	88	5.808	5.810	-0.002	87	512220	1012.5	
68 Dichlorobromomethane	83	5.926	5.928	-0.002	100	1296764	20.6	
70 2-Chloroethyl vinyl ether	63	6.175	6.177	-0.002	90	1331531	44.4	
71 cis-1,3-Dichloropropene	75	6.317	6.319	-0.002	93	1669482	21.5	
72 4-Methyl-2-pentanone (MIBK)	43	6.435	6.437	-0.002	95	1915881	41.7	
73 Toluene	91	6.625	6.626	-0.001	98	4790661	19.9	
74 trans-1,3-Dichloropropene	75	6.802	6.804	-0.002	91	1467254	21.5	
75 Ethyl methacrylate	69	6.873	6.875	-0.002	88	1366660	21.8	
76 1,1,2-Trichloroethane	97	6.968	6.970	-0.002	85	943086	19.4	
77 1,3-Dichloropropane	76	7.122	7.123	-0.001	91	1695247	19.7	
78 Tetrachloroethene	164	7.133	7.135	-0.002	89	826165	19.0	
79 2-Hexanone	43	7.181	7.183	-0.002	96	1237996	42.0	
81 Chlorodibromomethane	129	7.335	7.336	-0.001	88	991725	21.0	
83 Ethylene Dibromide	107	7.453	7.455	-0.002	97	968223	20.5	
85 Chlorobenzene	112	7.914	7.904	0.010	94	3031433	19.9	
86 1,1,1,2-Tetrachloroethane	131	7.974	7.975	-0.001	85	1068740	20.2	
87 Ethylbenzene	106	8.009	8.011	-0.002	97	1568837	20.6	
88 m-Xylene & p-Xylene	106	8.116	8.117	-0.001	99	3985489	41.3	
89 o-Xylene	106	8.494	8.496	-0.002	92	1969700	20.8	
90 Styrene	104	8.506	8.508	-0.002	93	3318900	21.9	
91 Bromoform	173	8.684	8.685	-0.001	98	616561	21.5	
92 Isopropylbenzene	105	8.849	8.851	-0.002	94	4399760	20.7	
95 1,1,2,2-Tetrachloroethane	83	9.110	9.111	-0.001	81	1229157	19.6	
96 Bromobenzene	156	9.145	9.147	-0.002	91	1253824	20.0	
97 1,2,3-Trichloropropane	110	9.157	9.159	-0.002	75	399459	19.7	
98 trans-1,4-Dichloro-2-butene	53	9.169	9.170	-0.001	71	264109	19.2	
99 N-Propylbenzene	120	9.240	9.241	-0.001	98	1124810	20.3	
100 2-Chlorotoluene	126	9.334	9.336	-0.002	97	1122340	20.2	
101 1,3,5-Trimethylbenzene	105	9.417	9.407	0.010	93	3517956	20.6	
102 4-Chlorotoluene	126	9.441	9.431	0.010	97	1176060	19.9	
103 tert-Butylbenzene	119	9.737	9.738	-0.001	89	2811782	20.1	
104 1,2,4-Trimethylbenzene	105	9.784	9.786	-0.002	85	3665232	20.8	
105 sec-Butylbenzene	105	9.950	9.951	-0.001	93	3599319	20.2	
106 1,3-Dichlorobenzene	146	10.068	10.070	-0.002	96	2184946	19.5	
107 4-Isopropyltoluene	119	10.092	10.093	-0.001	97	3126343	20.9	
108 1,4-Dichlorobenzene	146	10.151	10.153	-0.002	94	2327891	19.3	
110 n-Butylbenzene	91	10.494	10.496	-0.002	97	2416052	20.4	
111 1,2-Dichlorobenzene	146	10.518	10.519	-0.001	98	2198021	19.6	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
112 1,2-Dibromo-3-Chloropropane	157	11.287	11.289	-0.002	89	225061	21.3	
113 1,3,5-Trichlorobenzene	180	11.512	11.513	-0.001	97	1227759	19.6	
114 1,2,4-Trichlorobenzene	180	12.127	12.129	-0.002	94	1144674	20.1	
115 Hexachlorobutadiene	225	12.304	12.306	-0.002	91	362028	19.2	
116 Naphthalene	128	12.375	12.377	-0.002	100	3518446	20.2	
117 1,2,3-Trichlorobenzene	180	12.624	12.626	-0.002	100	1032422	16.8	
S 119 Trihalomethanes, Total	1				0		82.8	
S 120 1,2-Dichloroethene, Total	96				0		39.5	
S 121 1,3-Dichloropropene, Total	75				0		43.1	
S 122 Xylenes, Total	106				0		62.1	

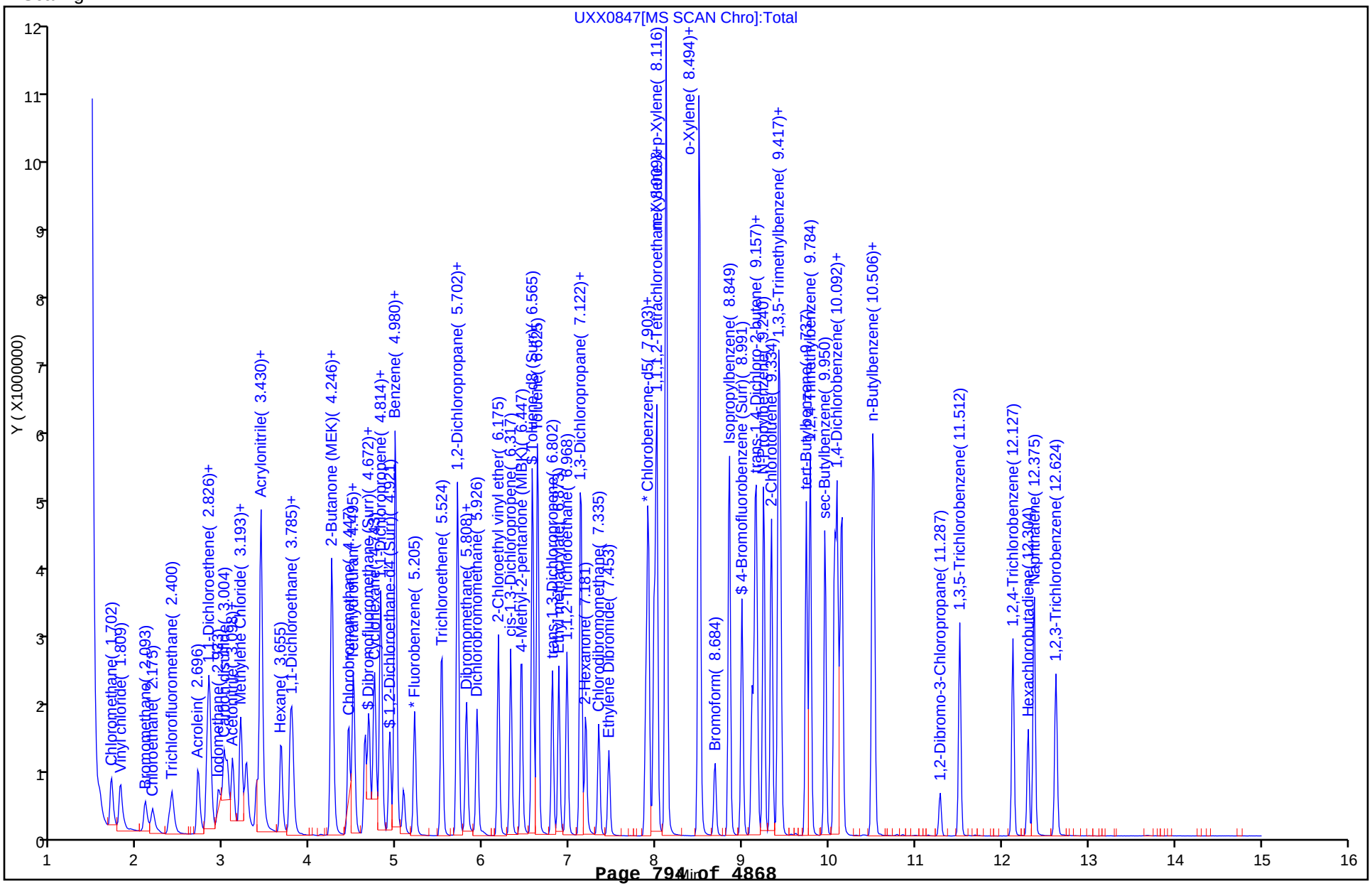
Report Date: 14-Nov-2012 12:22:54 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0847.D

Injection Date:	12-Nov-2012 15:33:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX10
Lims Batch ID:	64678	Lims Sample ID:	3
Operator ID:	1904	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0848.D
Lims ID: STD8260 L4 Client ID:
Inject. Date: 12-Nov-2012 15:55:30 Dil. Factor: 1.0000
Sample Type: ICIS Calib Level: 4
Sample ID: 240-0014871-004
Misc. Info.: P21112A-IC,8260LLUX10,,1904 =P21112A-IC,8260LLUX10,,1904
Operator: 1904 Instrument ID: A3UX10
Purge Vol: 5.000 mL ALS Bottle#: 3
Lims Batch ID: 64678 Lims Sample ID: 4
Sublist: chrom-8260_10*sub25
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX10\20121112-14871.b\8260_10.m
Last Update: 14-Nov-2012 12:22:55 Calib Date: 12-Nov-2012 19:16:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0857.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK005

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.207	5.207	0.0	99	1810823	10.0	
* 2 Chlorobenzene-d5	117	7.881	7.881	0.0	83	1245256	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.129	10.129	0.0	89	654209	10.0	
$ 5 Dibromofluoromethane (Surr)	113	4.627	4.627	0.0	59	474438	9.57	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.923	4.923	0.0	0	544354	9.34	
$ 7 Toluene-d8 (Surr)	98	6.567	6.567	0.0	93	1930573	9.85	
$ 8 4-Bromofluorobenzene (Surr)	95	8.993	8.993	0.0	93	629515	9.71	
12 Dichlorodifluoromethane	85	1.562	1.562	0.0	87	373185	10.3	
13 Chloromethane	50	1.704	1.704	0.0	89	630854	9.07	
14 Vinyl chloride	62	1.799	1.799	0.0	82	545008	9.90	
16 Bromomethane	94	2.094	2.094	0.0	87	236981	9.20	
17 Chloroethane	64	2.177	2.177	0.0	98	244780	9.19	
19 Trichlorofluoromethane	101	2.390	2.390	0.0	98	402134	10.1	
21 Acrolein	56	2.698	2.698	0.0	96	644261	100.5	
23 1,1-Dichloroethene	96	2.816	2.816	0.0	89	437052	9.86	
24 Acetone	43	2.828	2.828	0.0	94	295160	21.0	
25 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.840	2.840	0.0	83	347682	10.4	
26 Iodomethane	142	2.935	2.935	0.0	96	708810	9.40	
27 Carbon disulfide	76	3.006	3.006	0.0	98	1348377	9.59	
28 Acetonitrile	41	3.053	3.053	0.0	100	538745	100.1	
30 Methyl acetate	43	3.100	3.100	0.0	95	819857	19.4	
31 Methylene Chloride	84	3.195	3.195	0.0	84	559579	8.95	
32 2-Methyl-2-propanol	59	3.266	3.266	0.0	95	736635	201.2	
33 Acrylonitrile	53	3.384	3.384	0.0	99	421506	19.9	
35 Methyl tert-butyl ether	73	3.432	3.432	0.0	87	1519712	9.64	
34 trans-1,2-Dichloroethene	96	3.432	3.432	0.0	63	525590	9.68	
36 Hexane	86	3.656	3.656	0.0	91	91773	10.6	
37 1,1-Dichloroethane	63	3.775	3.775	0.0	85	858573	9.28	
38 Vinyl acetate	86	3.798	3.798	0.0	96	100425	10.5	
42 2-Butanone (MEK)	43	4.236	4.236	0.0	95	468043	19.7	
43 cis-1,2-Dichloroethene	96	4.248	4.248	0.0	68	570139	9.44	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
44 2,2-Dichloropropane	77	4.260	4.260	0.0	87	509922	9.62	
48 Chlorobromomethane	128	4.449	4.449	0.0	90	275976	9.43	
49 Tetrahydrofuran	42	4.485	4.485	0.0	86	171197	9.68	
50 Chloroform	83	4.497	4.497	0.0	93	877735	9.42	
51 1,1,1-Trichloroethane	97	4.674	4.674	0.0	89	632967	9.91	
52 Cyclohexane	56	4.745	4.745	0.0	87	756268	10.5	
53 1,1-Dichloropropene	75	4.804	4.804	0.0	95	645899	9.86	
54 Carbon tetrachloride	117	4.816	4.816	0.0	86	506633	9.83	
56 1,2-Dichloroethane	62	4.982	4.982	0.0	46	639567	9.53	
57 Benzene	78	4.982	4.982	0.0	94	2128801	9.35	
61 Trichloroethene	130	5.514	5.514	0.0	98	531723	9.46	
63 Methylcyclohexane	83	5.703	5.703	0.0	86	637965	10.7	
64 1,2-Dichloropropane	63	5.703	5.703	0.0	83	504756	9.55	
66 Dibromomethane	93	5.798	5.798	0.0	92	292142	9.54	
67 1,4-Dioxane	88	5.810	5.810	0.0	87	288501	497.5	
68 Dichlorobromomethane	83	5.928	5.928	0.0	99	600098	9.56	
70 2-Chloroethyl vinyl ether	63	6.177	6.177	0.0	91	604141	20.1	
71 cis-1,3-Dichloropropene	75	6.319	6.319	0.0	92	755964	9.75	
72 4-Methyl-2-pentanone (MIBK)	43	6.437	6.437	0.0	96	922094	20.1	
73 Toluene	91	6.626	6.626	0.0	97	2241611	9.55	
74 trans-1,3-Dichloropropene	75	6.804	6.804	0.0	91	656429	9.87	
75 Ethyl methacrylate	69	6.875	6.875	0.0	88	641991	10.5	
76 1,1,2-Trichloroethane	97	6.970	6.970	0.0	89	459854	9.66	
77 1,3-Dichloropropane	76	7.123	7.123	0.0	91	803827	9.59	
78 Tetrachloroethene	164	7.135	7.135	0.0	89	407744	9.62	
79 2-Hexanone	43	7.183	7.183	0.0	95	590164	20.5	
81 Chlorodibromomethane	129	7.336	7.336	0.0	90	456198	9.88	
83 Ethylene Dibromide	107	7.455	7.455	0.0	99	444348	9.63	
85 Chlorobenzene	112	7.904	7.904	0.0	95	1413092	9.51	
86 1,1,1,2-Tetrachloroethane	131	7.975	7.975	0.0	86	494391	9.59	
87 Ethylbenzene	106	8.011	8.011	0.0	97	746753	10.1	
88 m-Xylene & p-Xylene	106	8.117	8.117	0.0	99	1864879	19.8	
89 o-Xylene	106	8.496	8.496	0.0	95	913272	9.88	
90 Styrene	104	8.508	8.508	0.0	93	1484029	10.0	
91 Bromoform	173	8.685	8.685	0.0	98	279702	10.0	
92 Isopropylbenzene	105	8.851	8.851	0.0	95	2066828	9.96	
95 1,1,2,2-Tetrachloroethane	83	9.111	9.111	0.0	87	599230	9.83	
96 Bromobenzene	156	9.147	9.147	0.0	89	593639	9.75	
97 1,2,3-Trichloropropane	110	9.159	9.159	0.0	74	190863	9.69	
98 trans-1,4-Dichloro-2-butene	53	9.170	9.170	0.0	70	121595	9.35	
99 N-Propylbenzene	120	9.241	9.241	0.0	98	527842	9.81	
100 2-Chlorotoluene	126	9.336	9.336	0.0	97	522662	9.66	
101 1,3,5-Trimethylbenzene	105	9.407	9.407	0.0	93	1664702	10.0	
102 4-Chlorotoluene	126	9.431	9.431	0.0	98	557492	9.67	
103 tert-Butylbenzene	119	9.738	9.738	0.0	81	1355669	9.96	
104 1,2,4-Trimethylbenzene	105	9.786	9.786	0.0	70	1739940	10.1	
105 sec-Butylbenzene	105	9.951	9.951	0.0	93	1749001	10.1	
106 1,3-Dichlorobenzene	146	10.070	10.070	0.0	88	1028971	9.43	
107 4-Isopropyltoluene	119	10.093	10.093	0.0	95	1482377	10.2	
108 1,4-Dichlorobenzene	146	10.153	10.153	0.0	94	1099593	9.35	
110 n-Butylbenzene	91	10.496	10.496	0.0	95	1180776	10.2	
111 1,2-Dichlorobenzene	146	10.519	10.519	0.0	98	1045591	9.57	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
112 1,2-Dibromo-3-Chloropropane	157	11.289	11.289	0.0	86	111358	10.8	
113 1,3,5-Trichlorobenzene	180	11.513	11.513	0.0	97	610228	10.0	
114 1,2,4-Trichlorobenzene	180	12.129	12.129	0.0	93	594109	10.7	
115 Hexachlorobutadiene	225	12.306	12.306	0.0	94	230031	10.9	
116 Naphthalene	128	12.377	12.377	0.0	100	1874568	11.1	
117 1,2,3-Trichlorobenzene	180	12.626	12.626	0.0	100	601412	10.0	
S 119 Trihalomethanes, Total	1				0		38.9	
S 120 1,2-Dichloroethene, Total	96				0		19.1	
S 121 1,3-Dichloropropene, Total	75				0		19.6	
S 122 Xylenes, Total	106				0		29.7	

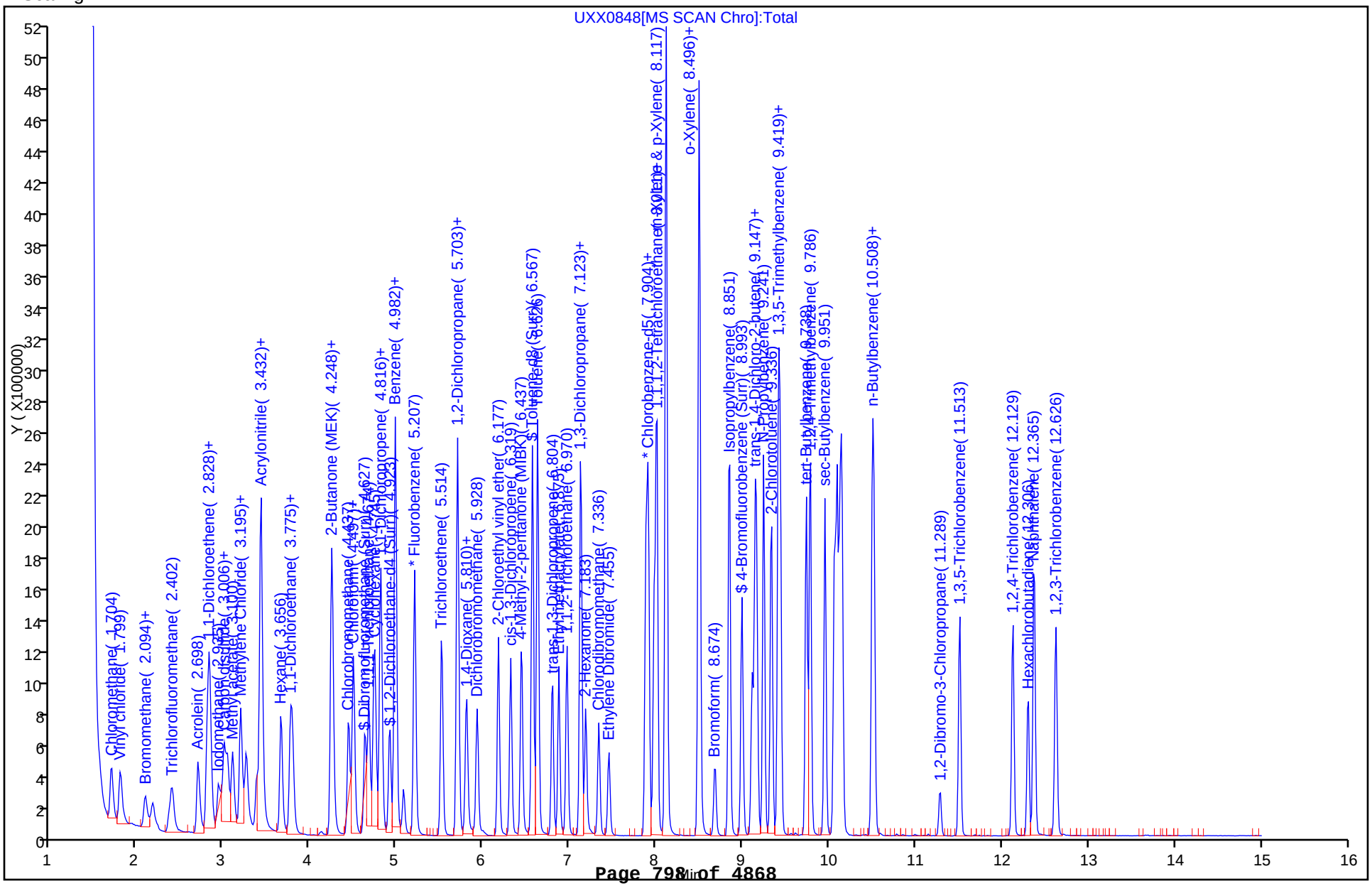
Report Date: 14-Nov-2012 12:22:56 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0848.D

Injection Date:	12-Nov-2012 15:55:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX10
Lims Batch ID:	64678	Lims Sample ID:	4
Operator ID:	1904	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0849.D
Lims ID: STD8260 L3 Client ID:
Inject. Date: 12-Nov-2012 16:17:30 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 3
Sample ID: 240-0014871-005
Misc. Info.: P21112A-IC,8260LLUX10,,1904 =P21112A-IC,8260LLUX10,,1904
Operator: 1904 Instrument ID: A3UX10
Purge Vol: 5.000 mL ALS Bottle#: 4
Lims Batch ID: 64678 Lims Sample ID: 5
Sublist: chrom-8260_10*sub25
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX10\20121112-14871.b\8260_10.m
Last Update: 14-Nov-2012 12:22:56 Calib Date: 12-Nov-2012 19:16:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0857.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK005

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.204	5.207	-0.002	99	1779078	10.0	
* 2 Chlorobenzene-d5	117	7.879	7.881	-0.003	85	1192390	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.127	10.129	-0.002	91	639132	10.0	
$ 5 Dibromofluoromethane (Surr)	113	4.636	4.627	0.009	59	254654	5.23	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.920	4.923	-0.002	0	298265	5.21	
$ 7 Toluene-d8 (Surr)	98	6.565	6.567	-0.002	92	970714	5.17	
$ 8 4-Bromofluorobenzene (Surr)	95	8.991	8.993	-0.002	91	321161	5.17	
12 Dichlorodifluoromethane	85	1.560	1.562	-0.002	97	177301	5.00	
13 Chloromethane	50	1.702	1.704	-0.002	88	342304	5.01	
14 Vinyl chloride	62	1.796	1.799	-0.003	82	275699	5.09	
16 Bromomethane	94	2.092	2.094	-0.002	89	121597	4.80	
17 Chloroethane	64	2.175	2.177	-0.002	98	124356	4.75	
19 Trichlorofluoromethane	101	2.400	2.390	0.010	93	186904	4.76	
21 Acrolein	56	2.708	2.698	0.010	90	304469	48.3	
23 1,1-Dichloroethene	96	2.814	2.816	-0.002	89	214549	4.93	
24 Acetone	43	2.826	2.828	-0.002	81	166058	11.2	
25 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.838	2.840	-0.002	81	163255	4.95	
26 Iodomethane	142	2.944	2.935	0.009	97	372028	5.02	
27 Carbon disulfide	76	3.003	3.006	-0.003	98	683913	4.95	
28 Acetonitrile	41	3.051	3.053	-0.002	98	284821	50.9	
30 Methyl acetate	43	3.098	3.100	-0.002	95	421663	10.1	
31 Methylene Chloride	84	3.193	3.195	-0.002	86	295754	4.82	
32 2-Methyl-2-propanol	59	3.264	3.266	-0.002	95	372177	103.5	
33 Acrylonitrile	53	3.382	3.384	-0.002	99	215874	10.4	
35 Methyl tert-butyl ether	73	3.429	3.432	-0.003	88	777265	5.02	
34 trans-1,2-Dichloroethene	96	3.429	3.432	-0.003	63	267462	5.02	
36 Hexane	86	3.666	3.656	0.010	90	38466	4.52	
37 1,1-Dichloroethane	63	3.773	3.775	-0.002	97	451913	4.97	
38 Vinyl acetate	86	3.796	3.798	-0.002	97	44995	4.77	
42 2-Butanone (MEK)	43	4.246	4.236	0.010	70	239039	10.2	
43 cis-1,2-Dichloroethene	96	4.246	4.248	-0.002	68	295440	4.98	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
44 2,2-Dichloropropane	77	4.258	4.260	-0.002	86	258332	4.96	
48 Chlorobromomethane	128	4.447	4.449	-0.002	94	140473	4.88	
49 Tetrahydrofuran	42	4.494	4.485	0.009	86	90634	4.82	
50 Chloroform	83	4.494	4.497	-0.003	94	457349	5.00	
51 1,1,1-Trichloroethane	97	4.672	4.674	-0.002	89	314125	5.01	
52 Cyclohexane	56	4.743	4.745	-0.002	86	340535	4.79	
53 1,1-Dichloropropene	75	4.814	4.804	0.010	94	309947	4.81	
54 Carbon tetrachloride	117	4.826	4.816	0.010	80	251500	4.97	
56 1,2-Dichloroethane	62	4.979	4.982	-0.003	52	333387	5.06	
57 Benzene	78	4.979	4.982	-0.003	94	1108291	4.95	
61 Trichloroethene	130	5.524	5.514	0.010	95	267568	4.85	
63 Methylcyclohexane	83	5.701	5.703	-0.002	84	274651	4.69	
64 1,2-Dichloropropane	63	5.701	5.703	-0.002	83	259174	4.99	
66 Dibromomethane	93	5.808	5.798	0.010	88	150074	4.99	
67 1,4-Dioxane	88	5.808	5.810	-0.002	91	137374	231.7	
68 Dichlorobromomethane	83	5.926	5.928	-0.002	99	303148	4.91	
70 2-Chloroethyl vinyl ether	63	6.175	6.177	-0.002	91	296796	10.1	
71 cis-1,3-Dichloropropene	75	6.317	6.319	-0.002	93	369728	4.85	
72 4-Methyl-2-pentanone (MIBK)	43	6.435	6.437	-0.002	96	458647	10.2	
73 Toluene	91	6.624	6.626	-0.002	98	1132310	5.04	
74 trans-1,3-Dichloropropene	75	6.802	6.804	-0.002	89	310855	4.88	
75 Ethyl methacrylate	69	6.873	6.875	-0.002	88	296669	5.07	
76 1,1,2-Trichloroethane	97	6.967	6.970	-0.003	89	235302	5.16	
77 1,3-Dichloropropane	76	7.121	7.123	-0.002	91	400610	4.99	
78 Tetrachloroethene	164	7.133	7.135	-0.002	87	202364	4.99	
79 2-Hexanone	43	7.180	7.183	-0.003	95	291062	10.6	
81 Chlorodibromomethane	129	7.334	7.336	-0.002	88	222734	5.04	
83 Ethylene Dibromide	107	7.453	7.455	-0.002	97	223365	5.06	
85 Chlorobenzene	112	7.914	7.904	0.010	97	720708	5.07	
86 1,1,1,2-Tetrachloroethane	131	7.973	7.975	-0.002	83	250128	5.07	
87 Ethylbenzene	106	8.009	8.011	-0.002	97	363350	5.11	
88 m-Xylene & p-Xylene	106	8.115	8.117	-0.002	99	905853	10.0	
89 o-Xylene	106	8.494	8.496	-0.002	90	452959	5.12	
90 Styrene	104	8.506	8.508	-0.002	92	709345	5.00	
91 Bromoform	173	8.683	8.685	-0.002	98	133051	4.97	
92 Isopropylbenzene	105	8.849	8.851	-0.002	94	992795	4.99	
95 1,1,2,2-Tetrachloroethane	83	9.109	9.111	-0.002	87	294932	4.95	
96 Bromobenzene	156	9.145	9.147	-0.002	91	293754	4.94	
97 1,2,3-Trichloropropane	110	9.156	9.159	-0.003	74	94024	4.88	
98 trans-1,4-Dichloro-2-butene	53	9.168	9.170	-0.002	64	51883	4.37	
99 N-Propylbenzene	120	9.239	9.241	-0.002	98	258545	4.92	
100 2-Chlorotoluene	126	9.334	9.336	-0.002	97	261247	4.94	
101 1,3,5-Trimethylbenzene	105	9.417	9.407	0.010	93	804267	4.96	
102 4-Chlorotoluene	126	9.440	9.431	0.009	96	283249	5.03	
103 tert-Butylbenzene	119	9.736	9.738	-0.002	89	647284	4.87	
104 1,2,4-Trimethylbenzene	105	9.784	9.786	-0.002	85	831957	4.97	
105 sec-Butylbenzene	105	9.949	9.951	-0.002	92	828824	4.89	
106 1,3-Dichlorobenzene	146	10.068	10.070	-0.002	97	515050	4.83	
107 4-Isopropyltoluene	119	10.091	10.093	-0.002	97	706275	4.96	
108 1,4-Dichlorobenzene	146	10.150	10.153	-0.003	96	573628	4.99	
110 n-Butylbenzene	91	10.494	10.496	-0.002	95	549686	4.87	
111 1,2-Dichlorobenzene	146	10.517	10.519	-0.002	98	534538	5.01	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
112 1,2-Dibromo-3-Chloropropane	157	11.286	11.289	-0.003	69	47356	4.71	
113 1,3,5-Trichlorobenzene	180	11.511	11.513	-0.002	97	291118	4.89	
114 1,2,4-Trichlorobenzene	180	12.126	12.129	-0.003	93	274305	5.06	
115 Hexachlorobutadiene	225	12.304	12.306	-0.002	92	110766	4.78	
116 Naphthalene	128	12.375	12.377	-0.002	100	773873	4.68	
117 1,2,3-Trichlorobenzene	180	12.623	12.626	-0.003	99	283525	4.84	
S 119 Trihalomethanes, Total	1				0		19.9	
S 120 1,2-Dichloroethene, Total	96				0		10.0	
S 121 1,3-Dichloropropene, Total	75				0		9.73	
S 122 Xylenes, Total	106				0		15.2	

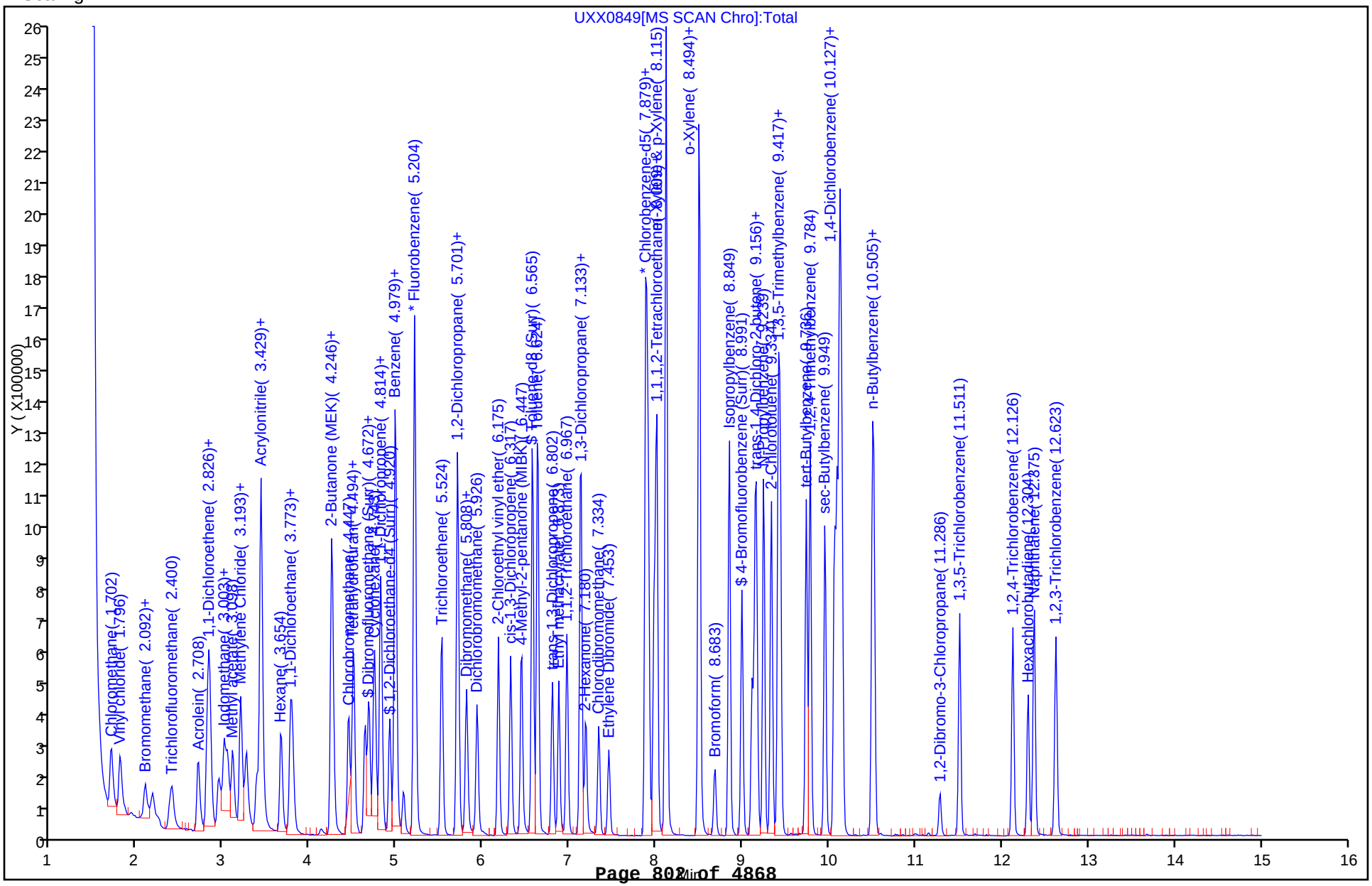
Report Date: 14-Nov-2012 12:22:57 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0849.D

Injection Date:	12-Nov-2012 16:17:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX10
Lims Batch ID:	64678	Lims Sample ID:	5
Operator ID:	1904	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0850.D		
Lims ID:	STD8260 L2	Client ID:	
Inject. Date:	12-Nov-2012 16:40:30	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	2
Sample ID:	240-0014871-006		
Misc. Info.:	P21112A-IC,8260LLUX10,,1904 =P21112A-IC,8260LLUX10,,1904		
Operator:	1904	Instrument ID:	A3UX10
Purge Vol:	5.000 mL	ALS Bottle#:	5
Lims Batch ID:	64678	Lims Sample ID:	6
Sublist:	chrom-8260_10*sub25		
Detector:	MS SCAN		
Method:	\\NCChrom\ChromData\A3UX10\20121112-14871.b\8260_10.m		
Last Update:	14-Nov-2012 12:22:57	Calib Date:	12-Nov-2012 19:16:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0857.D		
Limit Group:	MSV 8260DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	DB-624	Column Dia:	0.18 mm
Process Host:	XAWRK005		

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.205	5.207	-0.001	99	1740672	10.0	
* 2 Chlorobenzene-d5	117	7.879	7.881	-0.002	83	1184519	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.127	10.129	-0.002	94	617764	10.0	
$ 5 Dibromofluoromethane (Surr)	113	4.637	4.627	0.010	55	95558	2.00	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.921	4.923	-0.001	0	115392	2.06	
$ 7 Toluene-d8 (Surr)	98	6.565	6.567	-0.002	92	359210	1.93	
$ 8 4-Bromofluorobenzene (Surr)	95	8.991	8.993	-0.002	87	120897	1.96	
12 Dichlorodifluoromethane	85	1.560	1.562	-0.002	78	70486	2.03	
13 Chloromethane	50	1.690	1.704	-0.014	98	156281	2.34	
14 Vinyl chloride	62	1.797	1.799	-0.002	91	112499	2.12	
16 Bromomethane	94	2.093	2.094	-0.002	83	56470	2.28	
17 Chloroethane	64	2.175	2.177	-0.002	87	58980	2.30	
19 Trichlorofluoromethane	101	2.388	2.390	-0.002	86	76738	2.00	
21 Acrolein	56	2.696	2.698	-0.002	92	123569	20.0	
23 1,1-Dichloroethene	96	2.814	2.816	-0.002	95	84658	1.99	
24 Acetone	43	2.826	2.828	-0.002	88	69478	3.76	
25 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.838	2.840	-0.002	87	65909	2.04	
26 Iodomethane	142	2.933	2.935	-0.002	96	161277	2.23	
27 Carbon disulfide	76	3.004	3.006	-0.002	96	273875	2.03	
28 Acetonitrile	41	3.051	3.053	-0.002	99	120215	19.9	
30 Methyl acetate	43	3.098	3.100	-0.002	95	172767	4.25	
31 Methylene Chloride	84	3.193	3.195	-0.002	85	132313	2.20	
32 2-Methyl-2-propanol	59	3.264	3.266	-0.002	95	153465	43.6	
33 Acrylonitrile	53	3.382	3.384	-0.002	96	80637	3.95	
35 Methyl tert-butyl ether	73	3.430	3.432	-0.002	88	305714	2.02	
34 trans-1,2-Dichloroethene	96	3.430	3.432	-0.002	62	106452	2.04	
36 Hexane	86	3.654	3.656	-0.002	90	17904	2.15	
37 1,1-Dichloroethane	63	3.773	3.775	-0.002	93	183164	2.06	
38 Vinyl acetate	86	3.796	3.798	-0.002	97	16843	1.82	
42 2-Butanone (MEK)	43	4.246	4.236	0.010	61	95911	4.19	
43 cis-1,2-Dichloroethene	96	4.246	4.248	-0.002	81	117608	2.03	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
44 2,2-Dichloropropane	77	4.258	4.260	-0.002	79	104223	2.05	
48 Chlorobromomethane	128	4.447	4.449	-0.002	82	57430	2.04	
49 Tetrahydrofuran	42	4.495	4.485	0.010	80	44131	2.10	
50 Chloroform	83	4.495	4.497	-0.002	90	186053	2.08	
51 1,1,1-Trichloroethane	97	4.684	4.674	0.010	90	125449	2.04	
52 Cyclohexane	56	4.743	4.745	-0.002	88	136757	1.97	
53 1,1-Dichloropropene	75	4.814	4.804	0.010	93	124802	1.98	
54 Carbon tetrachloride	117	4.826	4.816	0.010	80	100798	2.04	
56 1,2-Dichloroethane	62	4.980	4.982	-0.002	53	135372	2.10	
57 Benzene	78	4.980	4.982	-0.002	94	443302	2.02	
61 Trichloroethene	130	5.524	5.514	0.010	94	110526	2.05	
63 Methylcyclohexane	83	5.702	5.703	-0.001	83	108692	1.90	
64 1,2-Dichloropropane	63	5.702	5.703	-0.001	87	104320	2.05	
66 Dibromomethane	93	5.808	5.798	0.010	88	61839	2.10	
67 1,4-Dioxane	88	5.808	5.810	-0.002	86	60682	108.3	
68 Dichlorobromomethane	83	5.926	5.928	-0.002	96	123061	2.04	
70 2-Chloroethyl vinyl ether	63	6.175	6.177	-0.002	88	105614	3.66	
71 cis-1,3-Dichloropropene	75	6.317	6.319	-0.002	90	144437	1.94	
72 4-Methyl-2-pentanone (MIBK)	43	6.447	6.437	0.010	94	175491	3.97	
73 Toluene	91	6.624	6.626	-0.002	97	451655	2.02	
74 trans-1,3-Dichloropropene	75	6.802	6.804	-0.002	85	121296	1.92	
75 Ethyl methacrylate	69	6.873	6.875	-0.002	84	107493	1.85	
76 1,1,2-Trichloroethane	97	6.968	6.970	-0.002	88	94427	2.09	
77 1,3-Dichloropropane	76	7.121	7.123	-0.002	91	165969	2.08	
78 Tetrachloroethene	164	7.133	7.135	-0.002	94	82786	2.05	
79 2-Hexanone	43	7.181	7.183	-0.002	96	107859	3.94	
81 Chlorodibromomethane	129	7.334	7.336	-0.002	87	85958	1.96	
83 Ethylene Dibromide	107	7.453	7.455	-0.002	95	87936	2.00	
85 Chlorobenzene	112	7.914	7.904	0.010	96	280902	1.99	
86 1,1,1,2-Tetrachloroethane	131	7.973	7.975	-0.002	82	96510	1.97	
87 Ethylbenzene	106	8.009	8.011	-0.002	97	135894	1.92	
88 m-Xylene & p-Xylene	106	8.115	8.117	-0.002	99	344119	3.84	
89 o-Xylene	106	8.494	8.496	-0.002	90	168969	1.92	
90 Styrene	104	8.506	8.508	-0.002	91	258133	1.83	
91 Bromoform	173	8.683	8.685	-0.002	96	50285	1.89	
92 Isopropylbenzene	105	8.849	8.851	-0.002	93	376054	1.90	
95 1,1,2,2-Tetrachloroethane	83	9.109	9.111	-0.002	95	119752	2.08	
96 Bromobenzene	156	9.145	9.147	-0.002	91	114972	2.00	
97 1,2,3-Trichloropropane	110	9.157	9.159	-0.002	66	40695	2.19	
98 trans-1,4-Dichloro-2-butene	53	9.169	9.170	-0.001	57	17898	1.89	
99 N-Propylbenzene	120	9.240	9.241	-0.001	97	101816	2.00	
100 2-Chlorotoluene	126	9.334	9.336	-0.002	97	105949	2.07	
101 1,3,5-Trimethylbenzene	105	9.417	9.407	0.010	93	297581	1.90	
102 4-Chlorotoluene	126	9.441	9.431	0.010	96	113179	2.08	
103 tert-Butylbenzene	119	9.736	9.738	-0.002	89	247676	1.93	
104 1,2,4-Trimethylbenzene	105	9.784	9.786	-0.002	85	316517	1.95	
105 sec-Butylbenzene	105	9.949	9.951	-0.002	89	315856	1.93	
106 1,3-Dichlorobenzene	146	10.068	10.070	-0.002	93	218816	2.12	
107 4-Isopropyltoluene	119	10.091	10.093	-0.002	96	267048	1.94	
108 1,4-Dichlorobenzene	146	10.151	10.153	-0.002	89	236109	2.13	
110 n-Butylbenzene	91	10.494	10.496	-0.002	97	212137	1.95	
111 1,2-Dichlorobenzene	146	10.517	10.519	-0.002	98	220774	2.14	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
112 1,2-Dibromo-3-Chloropropane	157	11.287	11.289	-0.002	60	21622	2.23	
113 1,3,5-Trichlorobenzene	180	11.511	11.513	-0.002	95	130259	2.27	
114 1,2,4-Trichlorobenzene	180	12.127	12.129	-0.002	90	119798	2.29	
115 Hexachlorobutadiene	225	12.304	12.306	-0.002	91	51657	2.05	
116 Naphthalene	128	12.375	12.377	-0.002	100	334220	2.09	
117 1,2,3-Trichlorobenzene	180	12.624	12.626	-0.002	98	128490	2.27	
S 119 Trihalomethanes, Total	1				0		7.97	
S 120 1,2-Dichloroethene, Total	96				0		4.07	
S 121 1,3-Dichloropropene, Total	75				0		3.86	
S 122 Xylenes, Total	106				0		5.76	

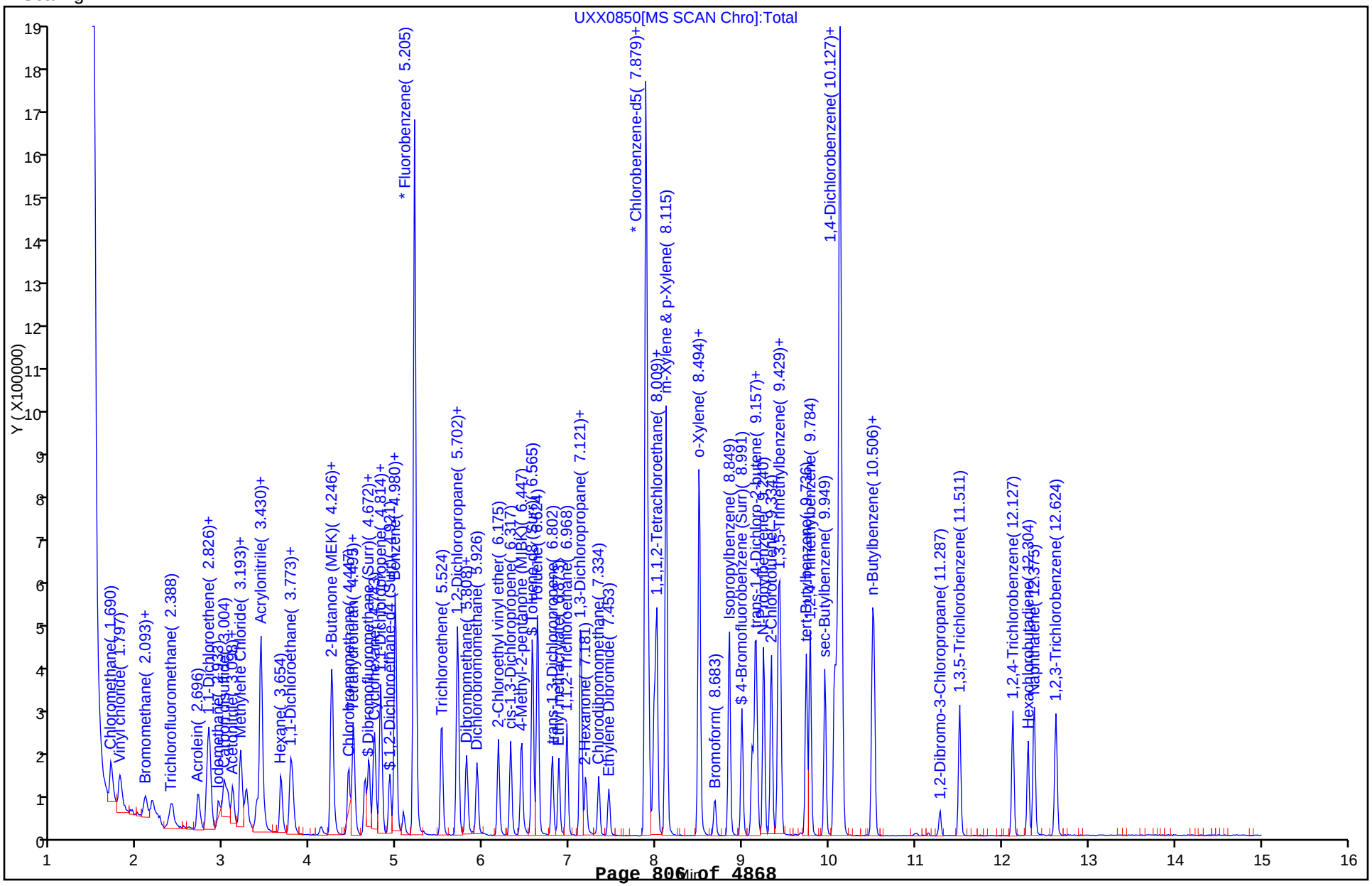
Report Date: 14-Nov-2012 12:22:57 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0850.D

Injection Date:	12-Nov-2012 16:40:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX10
Lims Batch ID:	64678	Lims Sample ID:	6
Operator ID:	1904	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0851.D
Lims ID: STD8260 L1 Client ID:
Inject. Date: 12-Nov-2012 17:02:30 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 1
Sample ID: 240-0014871-007
Misc. Info.: P21112A-IC,8260LLUX10,,1904 =P21112A-IC,8260LLUX10,,1904
Operator: 1904 Instrument ID: A3UX10
Purge Vol: 5.000 mL ALS Bottle#: 6
Lims Batch ID: 64678 Lims Sample ID: 7
Sublist: chrom-8260_10*sub25
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX10\20121112-14871.b\8260_10.m
Last Update: 14-Nov-2012 12:22:58 Calib Date: 12-Nov-2012 19:16:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0857.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK005

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.207	5.207	0.001	99	1743563	10.0	
* 2 Chlorobenzene-d5	117	7.881	7.881	0.0	83	1165603	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.129	10.129	0.0	93	596320	10.0	
$ 5 Dibromofluoromethane (Surr)	113	4.627	4.627	0.0	51	47796	1.00	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.923	4.923	0.001	0	55605	0.99	
$ 7 Toluene-d8 (Surr)	98	6.567	6.567	0.0	91	176027	0.9595	
$ 8 4-Bromofluorobenzene (Surr)	95	8.993	8.993	0.0	83	58658	0.9668	
12 Dichlorodifluoromethane	85	1.562	1.562	0.0	67	34671	1.00	
13 Chloromethane	50	1.704	1.704	0.0	96	77442	1.16	
14 Vinyl chloride	62	1.799	1.799	0.0	85	54815	1.03	
16 Bromomethane	94	2.094	2.094	0.0	81	28264	1.14	
17 Chloroethane	64	2.177	2.177	0.0	59	28099	1.10	
19 Trichlorofluoromethane	101	2.390	2.390	0.0	78	38147	0.99	
21 Acrolein	56	2.710	2.698	0.012	88	65268	10.6	
23 1,1-Dichloroethene	96	2.804	2.816	-0.012	92	44690	1.05	
24 Acetone	43	2.828	2.828	0.0	86	44960	1.78	
25 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.840	2.840	0.0	71	31497	0.9748	
26 Iodomethane	142	2.946	2.935	0.011	95	76830	1.06	
27 Carbon disulfide	76	3.006	3.006	0.0	97	136745	1.01	
28 Acetonitrile	41	3.053	3.053	0.0	99	65625	9.44	
30 Methyl acetate	43	3.100	3.100	0.0	94	89933	2.21	
31 Methylene Chloride	84	3.195	3.195	0.0	86	72627	1.21	
32 2-Methyl-2-propanol	59	3.266	3.266	0.0	99	80525	22.8	
33 Acrylonitrile	53	3.384	3.384	0.0	93	42638	2.09	
35 Methyl tert-butyl ether	73	3.432	3.432	0.0	90	153912	1.01	
34 trans-1,2-Dichloroethene	96	3.432	3.432	0.0	63	52663	1.01	
36 Hexane	86	3.668	3.656	0.012	86	7645	0.9167	
37 1,1-Dichloroethane	63	3.775	3.775	0.0	84	94279	1.06	
38 Vinyl acetate	86	3.798	3.798	0.0	94	8334	0.9014	
42 2-Butanone (MEK)	43	4.248	4.236	0.012	66	51121	2.23	
43 cis-1,2-Dichloroethene	96	4.248	4.248	0.0	77	59877	1.03	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
44 2,2-Dichloropropane	77	4.260	4.260	0.0	69	52041	1.02	
48 Chlorobromomethane	128	4.449	4.449	0.0	72	30419	1.08	
49 Tetrahydrofuran	42	4.497	4.485	0.012	75	28303	1.15	
50 Chloroform	83	4.497	4.497	0.0	86	93846	1.05	
51 1,1,1-Trichloroethane	97	4.674	4.674	0.0	85	59884	0.9739	
52 Cyclohexane	56	4.745	4.745	0.0	86	68421	0.9820	
53 1,1-Dichloropropene	75	4.816	4.804	0.012	91	63924	1.01	
54 Carbon tetrachloride	117	4.816	4.816	0.0	82	48821	0.9843	
56 1,2-Dichloroethane	62	4.982	4.982	0.0	45	65431	1.01	
57 Benzene	78	4.982	4.982	0.0	94	233228	1.06	
61 Trichloroethene	130	5.526	5.514	0.012	87	57861	1.07	
63 Methylcyclohexane	83	5.704	5.703	0.001	82	53144	0.9253	
64 1,2-Dichloropropane	63	5.704	5.703	0.001	82	51313	1.01	
66 Dibromomethane	93	5.810	5.798	0.012	85	29978	1.02	
67 1,4-Dioxane	88	5.810	5.810	0.0	44	27535	55.1	
68 Dichlorobromomethane	83	5.928	5.928	0.0	94	57623	0.9530	
70 2-Chloroethyl vinyl ether	63	6.177	6.177	0.0	82	50671	1.75	
71 cis-1,3-Dichloropropene	75	6.319	6.319	0.0	83	66977	0.8973	
72 4-Methyl-2-pentanone (MIBK)	43	6.437	6.437	0.0	92	87243	1.97	
73 Toluene	91	6.626	6.626	0.0	97	217546	0.9898	
74 trans-1,3-Dichloropropene	75	6.804	6.804	0.0	87	56453	0.9066	
75 Ethyl methacrylate	69	6.875	6.875	0.0	84	48665	0.8506	
76 1,1,2-Trichloroethane	97	6.970	6.970	0.0	84	46213	1.04	
77 1,3-Dichloropropane	76	7.123	7.123	0.0	87	81372	1.04	
78 Tetrachloroethene	164	7.135	7.135	0.0	85	41923	1.06	
79 2-Hexanone	43	7.183	7.183	0.0	91	49559	1.84	
81 Chlorodibromomethane	129	7.336	7.336	0.0	82	38720	0.8960	
83 Ethylene Dibromide	107	7.455	7.455	0.0	78	44106	1.02	
85 Chlorobenzene	112	7.904	7.904	0.0	92	142728	1.03	
86 1,1,1,2-Tetrachloroethane	131	7.975	7.975	0.0	77	49287	1.02	
87 Ethylbenzene	106	8.011	8.011	0.0	96	63081	0.9074	
88 m-Xylene & p-Xylene	106	8.117	8.117	0.0	99	162535	1.84	
89 o-Xylene	106	8.496	8.496	0.0	90	79587	0.9203	
90 Styrene	104	8.496	8.508	-0.012	89	117552	0.8470	
91 Bromoform	173	8.685	8.685	0.0	85	23746	0.9078	
92 Isopropylbenzene	105	8.851	8.851	0.0	93	175027	0.9008	
95 1,1,2,2-Tetrachloroethane	83	9.111	9.111	0.0	85	59590	1.07	
96 Bromobenzene	156	9.147	9.147	0.0	88	54065	0.9739	
97 1,2,3-Trichloropropane	110	9.159	9.159	0.0	65	18732	1.04	
98 trans-1,4-Dichloro-2-butene	53	9.171	9.170	0.0	51	9151	1.24	
99 N-Propylbenzene	120	9.242	9.241	0.001	94	44296	0.9031	
100 2-Chlorotoluene	126	9.336	9.336	0.0	96	47028	0.9540	
101 1,3,5-Trimethylbenzene	105	9.407	9.407	0.0	90	137475	0.9094	
102 4-Chlorotoluene	126	9.431	9.431	0.0	96	49320	0.9390	
103 tert-Butylbenzene	119	9.738	9.738	0.0	78	108234	0.8720	
104 1,2,4-Trimethylbenzene	105	9.786	9.786	0.0	89	138495	0.8860	
105 sec-Butylbenzene	105	9.951	9.951	0.0	85	148343	0.9380	
106 1,3-Dichlorobenzene	146	10.070	10.070	0.0	94	105483	1.06	
107 4-Isopropyltoluene	119	10.093	10.093	0.0	93	114936	0.8647	
108 1,4-Dichlorobenzene	146	10.153	10.153	0.0	90	114122	1.06	
110 n-Butylbenzene	91	10.496	10.496	0.0	93	95124	0.9040	
111 1,2-Dichlorobenzene	146	10.519	10.519	0.0	93	103573	1.04	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
112 1,2-Dibromo-3-Chloropropane	157	11.289	11.289	0.0	37	9302	0.99	
113 1,3,5-Trichlorobenzene	180	11.513	11.513	0.0	89	60345	1.09	
114 1,2,4-Trichlorobenzene	180	12.129	12.129	0.0	79	52456	1.04	
115 Hexachlorobutadiene	225	12.306	12.306	0.0	82	24195	0.8043	
116 Naphthalene	128	12.365	12.377	-0.012	99	138144	0.8961	
117 1,2,3-Trichlorobenzene	180	12.626	12.626	0.0	94	57614	1.05	
S 119 Trihalomethanes, Total	1				0		3.80	
S 120 1,2-Dichloroethene, Total	96				0		2.04	
S 121 1,3-Dichloropropene, Total	75				0		1.80	
S 122 Xylenes, Total	106				0		2.76	

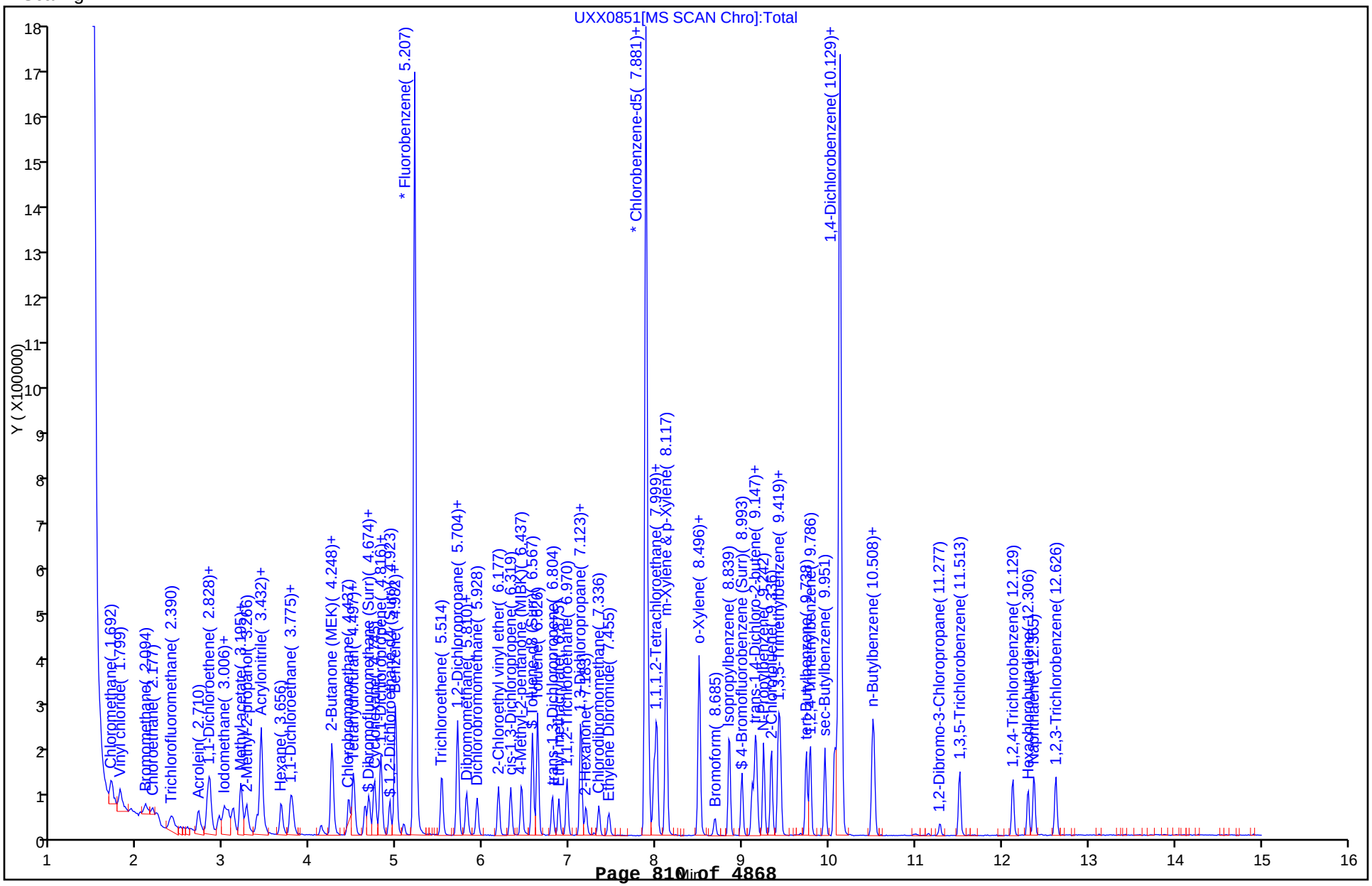
Report Date: 14-Nov-2012 12:22:58 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0851.D

Injection Date:	12-Nov-2012 17:02:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX10
Lims Batch ID:	64678	Lims Sample ID:	7
Operator ID:	1904	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-17317-1 Analy Batch No.: 64678

SDG No.:

Instrument ID: A3UX10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/12/2012 17:24 Calibration End Date: 11/12/2012 19:16 Calibration ID: 12293

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STDA9 240-64678/13	UXX0857.D
Level 2	STDA9 240-64678/12	UXX0856.D
Level 3	STDA9 240-64678/11	UXX0855.D
Level 4	STDA9 240-64678/10	UXX0854.D
Level 5	STDA9 240-64678/9	UXX0853.D
Level 6	STDA9 240-64678/8	UXX0852.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Dichlorofluoromethane	0.4820 0.3960	0.4881	0.4094	0.3861	0.4061	Ave		0.4280				11.0		15.0			
Ethyl ether	0.2464 0.2460	0.2704	0.2574	0.2436	0.2508	Ave		0.2524				4.0		15.0			
3-Chloro-1-propene	0.1463 0.1615	0.1640	0.1489	0.1462	0.1583	Ave		0.1542				5.2		15.0			
Isopropyl ether	0.2734 0.3044	0.2919	0.2900	0.2782	0.2967	Ave		0.2891				4.0		15.0			
2-Chloro-1,3-butadiene	0.3936 0.4156	0.4157	0.4169	0.3934	0.4171	Ave		0.4087				2.9		15.0			
Tert-butyl ethyl ether	0.8271 0.8941	0.8690	0.8655	0.8307	0.8866	Ave		0.8622				3.2		15.0			
Propionitrile	0.0372 0.0424	0.0411	0.0402	0.0409	0.0400	Ave		0.0403				4.3		15.0			
Ethyl acetate	0.2670 0.2681	0.2539	0.2565	0.2522	0.2647	Ave		0.2604				2.7		15.0			
Methacrylonitrile	0.1718 0.1761	0.1669	0.1710	0.1707	0.1769	Ave		0.1722				2.2		15.0			
Isobutyl alcohol	0.0121 0.0124	0.0145	0.0139	0.0132	0.0132	Ave		0.0132				6.7		15.0			
Tert-amyl methyl ether	0.7160 0.8471	0.7448	0.7861	0.7709	0.8222	Ave		0.7812				6.2		15.0			
n-Heptane	0.0413 0.0405	0.0433	0.0442	0.0415	0.0432	Ave		0.0424				3.4		15.0			
n-Butanol	0.0097 0.0108	0.0112	0.0112	0.0118	0.0124	Ave		0.0112				8.2		15.0			
Methyl methacrylate	0.1958 0.2339	0.1965	0.2057	0.2090	0.2260	Ave		0.2112				7.4		15.0			
2-Nitropropane	0.0431 0.0564	0.0461	0.0467	0.0460	0.0529	Ave		0.0485				10.0		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-17317-1 Analy Batch No.: 64678

SDG No.:

Instrument ID: A3UX10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/12/2012 17:24 Calibration End Date: 11/12/2012 19:16 Calibration ID: 12293

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Cyclohexanone	0.1010 0.0958	0.1154	0.1132	0.1208	0.1173	Ave		0.1106				8.9		15.0			
1,2,3-Trimethylbenzene	2.2775 3.0396	2.5201	2.7349	2.7663	3.1094	Ave		2.7413				11.0		15.0			
2-Methylnaphthalene	1.1719 +++++	1.5195	1.5032	1.4987	1.2007	Ave		1.3788				13.0		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-17317-1 Analy Batch No.: 64678

SDG No.:

Instrument ID: A3UX10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/12/2012 17:24 Calibration End Date: 11/12/2012 19:16 Calibration ID: 12293

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STDA9 240-64678/13	UXX0857.D
Level 2	STDA9 240-64678/12	UXX0856.D
Level 3	STDA9 240-64678/11	UXX0855.D
Level 4	STDA9 240-64678/10	UXX0854.D
Level 5	STDA9 240-64678/9	UXX0853.D
Level 6	STDA9 240-64678/8	UXX0852.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Dichlorofluoromethane	FB	Ave	80460 2850971	164725	356024	712254	1482330	1.00 40.0	2.00	5.00	10.0	20.0
Ethyl ether	FB	Ave	41138 1771077	91256	223860	449359	915505	1.00 40.0	2.00	5.00	10.0	20.0
3-Chloro-1-propene	FB	Ave	24425 1162812	55345	129440	269645	577928	1.00 40.0	2.00	5.00	10.0	20.0
Isopropyl ether	FB	Ave	228181 10955114	492531	1260700	2565660	5414567	5.00 200	10.0	25.0	50.0	100
2-Chloro-1,3-butadiene	FB	Ave	65705 2991997	140291	362511	725705	1522542	1.00 40.0	2.00	5.00	10.0	20.0
Tert-butyl ethyl ether	FB	Ave	138066 6436168	293270	752623	1532406	3236247	1.00 40.0	2.00	5.00	10.0	20.0
Propionitrile	FB	Ave	12432 610118	27715	69934	150931	292320	2.00 80.0	4.00	10.0	20.0	40.0
Ethyl acetate	FB	Ave	89127 3860208	171365	446141	930357	1932724	2.00 80.0	4.00	10.0	20.0	40.0
Methacrylonitrile	FB	Ave	28684 1267693	56328	148682	314882	645704	1.00 40.0	2.00	5.00	10.0	20.0
Isobutyl alcohol	CBZ	Ave	26069 1171509	63194	159758	320091	622869	20.0 800	40.0	100	200	400
Tert-amyl methyl ether	FB	Ave	119519 6097885	251377	683604	1421979	3001391	1.00 40.0	2.00	5.00	10.0	20.0
n-Heptane	FB	Ave	6900 291851	14617	38476	76535	157782	1.00 40.0	2.00	5.00	10.0	20.0
n-Butanol	CBZ	Ave	20848 1022178	48741	128789	285095	583521	20.0 800	40.0	100	200	400
Methyl methacrylate	FB	Ave	32693 1684004	66318	178849	385468	825080	1.00 40.0	2.00	5.00	10.0	20.0
2-Nitropropane	FB	Ave	14400 811606	31128	81277	169611	386536	2.00 80.0	4.00	10.0	20.0	40.0
Cyclohexanone	DCB	Ave	53736 2293716	128051	322361	730245	1427988	10.0 400	20.0	50.0	100	200

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-17317-1 Analy Batch No.: 64678

SDG No.:

Instrument ID: A3UX10 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/12/2012 17:24 Calibration End Date: 11/12/2012 19:16 Calibration ID: 12293

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
1,2,3-Trimethylbenzene	DCB	Ave	121230 7276258	279664	779019	1672368	3786861	1.00 40.0	2.00	5.00	10.0	20.0
2-Methylnaphthalene	DCB	Ave	124754 +++++	337237	856345	1812094	2924495	2.00 +++++	4.00	10.0	20.0	40.0

Curve Type Legend:
Ave = Average ISTD

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0852.D		
Lims ID:	STDA9 L6	Client ID:	
Inject. Date:	12-Nov-2012 17:24:30	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	6
Sample ID:	240-0014871-008		
Misc. Info.:	P21112A-IC,8260LLUX10,,1904 =P21112A-IC,8260LLUX10,,1904		
Operator:	1904	Instrument ID:	A3UX10
Purge Vol:	5.000 mL	ALS Bottle#:	7
Lims Batch ID:	64678	Lims Sample ID:	8
Sublist:	chrom-8260_10*sub2		
Detector:	MS SCAN		
Method:	\\NCChrom\ChromData\A3UX10\20121112-14871.b\8260_10.m		
Last Update:	14-Nov-2012 12:22:59	Calib Date:	12-Nov-2012 19:16:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0857.D		
Limit Group:	MSV 8260DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	DB-624	Column Dia:	0.18 mm
Process Host:	XAWRK005		
First Level Reviewer: quayler		Date:	13-Nov-2012 08:45:28

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.204	5.207	-0.002	98	1799703	10.0	
* 2 Chlorobenzene-d5	117	7.878	7.881	-0.003	84	1178574	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.126	10.129	-0.003	93	598446	10.0	
18 Dichlorofluoromethane	67	2.328	2.329	-0.001	98	2850971	37.0	
20 Ethyl ether	59	2.600	2.601	-0.001	88	1771077	39.0	
29 3-Chloro-1-propene	76	3.097	3.098	-0.001	94	1162812	41.9	
39 Isopropyl ether	87	3.819	3.820	-0.001	78	10955114	210.6	
40 2-Chloro-1,3-butadiene	53	3.855	3.855	0.0	81	2991997	40.7	
41 Tert-butyl ethyl ether	59	4.115	4.127	-0.012	97	6436168	41.5	
45 Propionitrile	54	4.281	4.281	0.0	97	610118	84.1	
46 Ethyl acetate	43	4.281	4.293	-0.012	99	3860208	82.4	
47 Methacrylonitrile	41	4.411	4.411	0.0	92	1267693	40.9	
55 Isobutyl alcohol	41	4.849	4.849	0.0	95	1171509	752.3	
58 Tert-amyl methyl ether	73	5.062	5.062	0.0	99	6097885	43.4	
59 n-Heptane	100	5.192	5.192	0.0	94	291851	38.3	
60 n-Butanol	56	5.405	5.405	0.0	87	1022178	776.8	
65 Methyl methacrylate	41	5.783	5.784	-0.001	89	1684004	44.3	
69 2-Nitropropane	41	6.115	6.115	0.0	97	811606	92.9	
80 n-Butyl acetate	56	7.298	7.299	-0.001	97	2510793	0	
94 Cyclohexanone	55	8.931	8.932	-0.001	90	2293716	346.7	
109 1,2,3-Trimethylbenzene	105	10.197	10.198	-0.001	98	7276258	44.4	
118 2-Methylnaphthalene	142	13.676	13.677	-0.001	100	2458220	29.8	

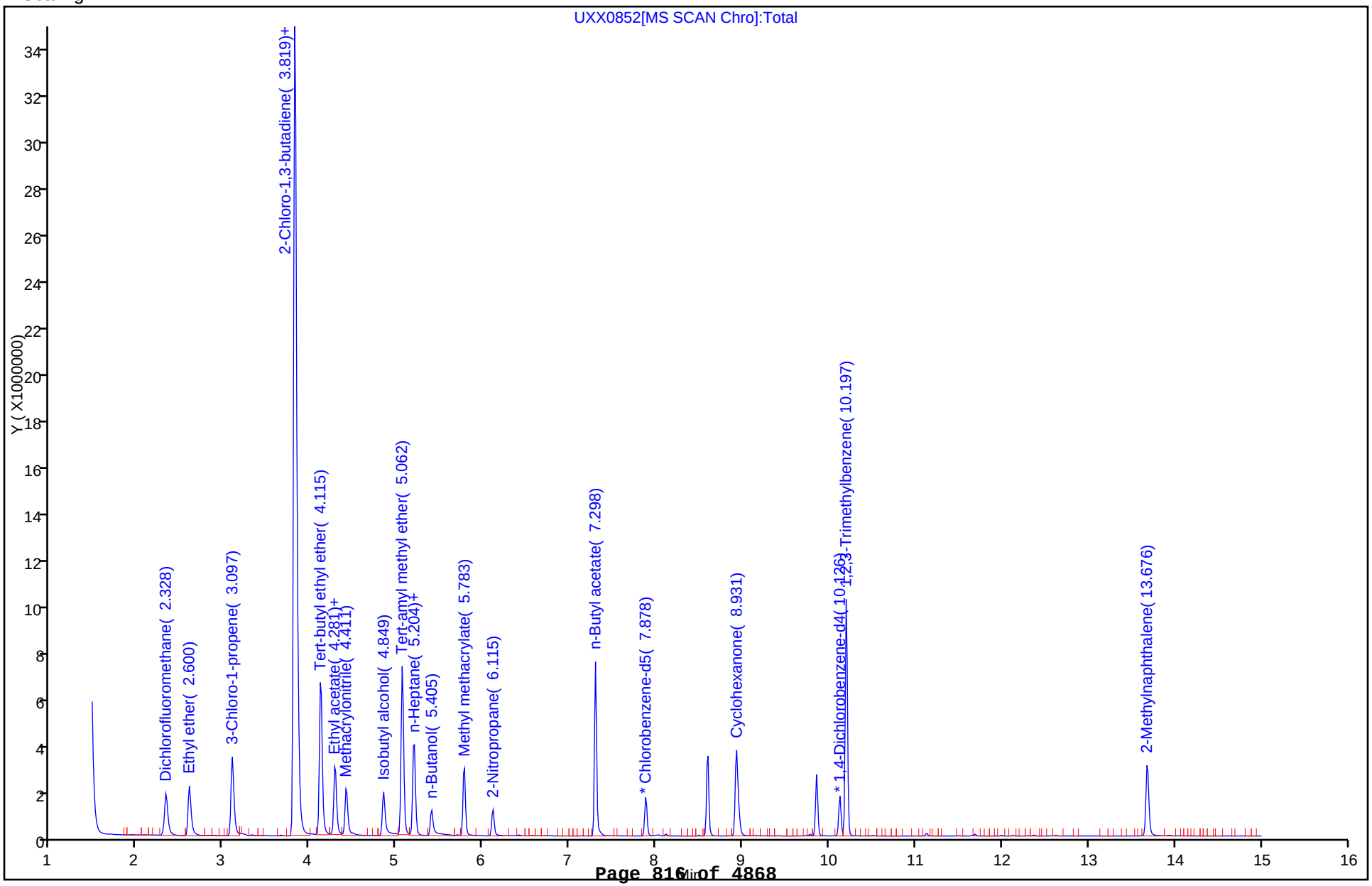
Report Date: 14-Nov-2012 12:22:59 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0852.D

Injection Date:	12-Nov-2012 17:24:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX10
Lims Batch ID:	64678	Lims Sample ID:	8
Operator ID:	1904	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0853.D
Lims ID: STDA9 L5 Client ID:
Inject. Date: 12-Nov-2012 17:46:30 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 5
Sample ID: 240-0014871-009
Misc. Info.: P21112A-IC,8260LLUX10,,1904 =P21112A-IC,8260LLUX10,,1904
Operator: 1904 Instrument ID: A3UX10
Purge Vol: 5.000 mL ALS Bottle#: 8
Lims Batch ID: 64678 Lims Sample ID: 9
Sublist: chrom-8260_10*sub2
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX10\20121112-14871.b\8260_10.m
Last Update: 14-Nov-2012 12:23:00 Calib Date: 12-Nov-2012 19:16:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0857.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK005

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.207	5.207	0.001	98	1825158	10.0	
* 2 Chlorobenzene-d5	117	7.881	7.881	0.0	82	1180628	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.130	10.129	0.001	93	608930	10.0	
18 Dichlorofluoromethane	67	2.332	2.329	0.003	83	1482330	19.0	
20 Ethyl ether	59	2.604	2.601	0.003	88	915505	19.9	
29 3-Chloro-1-propene	76	3.101	3.098	0.003	92	577928	20.5	
39 Isopropyl ether	87	3.823	3.820	0.003	96	5414567	102.6	
40 2-Chloro-1,3-butadiene	53	3.846	3.855	-0.009	86	1522542	20.4	
41 Tert-butyl ethyl ether	59	4.118	4.127	-0.009	97	3236247	20.6	
45 Propionitrile	54	4.284	4.281	0.003	99	292320	39.7	
46 Ethyl acetate	43	4.284	4.293	-0.009	99	1932724	40.7	
47 Methacrylonitrile	41	4.414	4.411	0.003	92	645704	20.5	
55 Isobutyl alcohol	41	4.840	4.849	-0.009	94	622869	399.3	
58 Tert-amyl methyl ether	73	5.065	5.062	0.003	98	3001391	21.1	
59 n-Heptane	100	5.195	5.192	0.003	91	157782	20.4	
60 n-Butanol	56	5.396	5.405	-0.009	89	583521	442.7	
65 Methyl methacrylate	41	5.775	5.784	-0.009	90	825080	21.4	
69 2-Nitropropane	41	6.106	6.115	-0.009	98	386536	43.6	
80 n-Butyl acetate	56	7.302	7.299	0.003	97	1224701	0	
94 Cyclohexanone	55	8.923	8.932	-0.009	91	1427988	212.1	
109 1,2,3-Trimethylbenzene	105	10.201	10.198	0.003	98	3786861	22.7	
118 2-Methylnaphthalene	142	13.679	13.677	0.002	100	2924495	34.8	

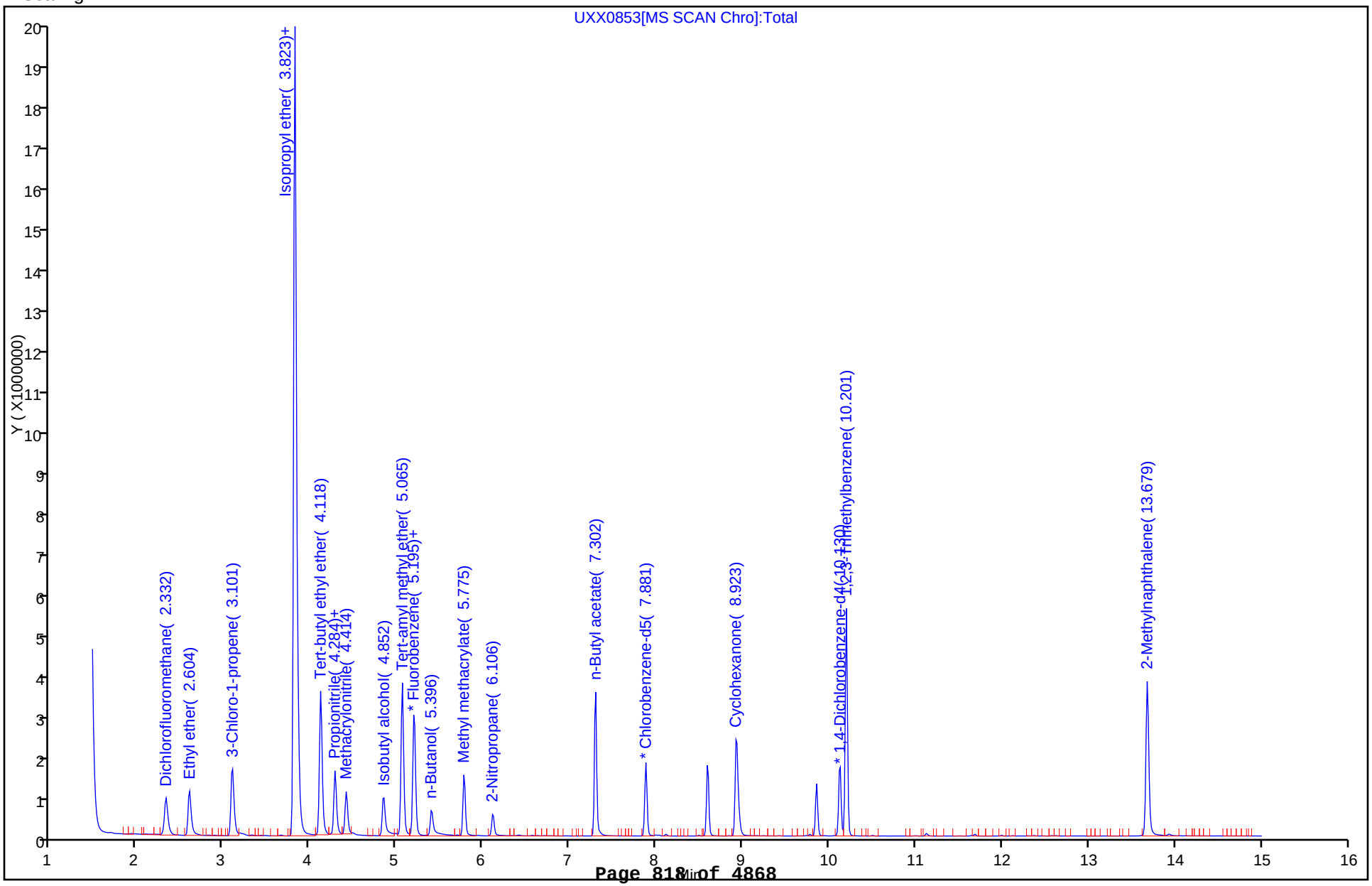
Report Date: 14-Nov-2012 12:23:00 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0853.D

Injection Date:	12-Nov-2012 17:46:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX10
Lims Batch ID:	64678	Lims Sample ID:	9
Operator ID:	1904	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0854.D		
Lims ID:	STDA9 L4	Client ID:	
Inject. Date:	12-Nov-2012 18:09:30	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	4
Sample ID:	240-0014871-010		
Misc. Info.:	P21112A-IC,8260LLUX10,,1904 =P21112A-IC,8260LLUX10,,1904		
Operator:	1904	Instrument ID:	A3UX10
Purge Vol:	5.000 mL	ALS Bottle#:	9
Lims Batch ID:	64678	Lims Sample ID:	10
Sublist:	chrom-8260_10*sub2		
Detector:	MS SCAN		
Method:	\\NCChrom\ChromData\A3UX10\20121112-14871.b\8260_10.m		
Last Update:	14-Nov-2012 12:23:00	Calib Date:	12-Nov-2012 19:16:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0857.D		
Limit Group:	MSV 8260DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	DB-624	Column Dia:	0.18 mm
Process Host:	XAWRK005		

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.204	5.204	0.0	98	1844671	10.0	
* 2 Chlorobenzene-d5	117	7.878	7.878	0.0	84	1211006	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.127	10.127	0.0	93	604557	10.0	
18 Dichlorofluoromethane	67	2.329	2.329	0.0	97	712254	9.02	
20 Ethyl ether	59	2.601	2.601	0.0	89	449359	9.65	
29 3-Chloro-1-propene	76	3.098	3.098	0.0	92	269645	9.48	
39 Isopropyl ether	87	3.820	3.820	0.0	95	2565660	48.1	
40 2-Chloro-1,3-butadiene	53	3.855	3.855	0.0	74	725705	9.63	
41 Tert-butyl ethyl ether	59	4.127	4.127	0.0	97	1532406	9.64	
45 Propionitrile	54	4.281	4.281	0.0	95	150931	20.3	
46 Ethyl acetate	43	4.293	4.293	0.0	99	930357	19.4	
47 Methacrylonitrile	41	4.411	4.411	0.0	91	314882	9.91	
55 Isobutyl alcohol	41	4.849	4.849	0.0	94	320091	200.1	
58 Tert-amyl methyl ether	73	5.062	5.062	0.0	98	1421979	9.87	
59 n-Heptane	100	5.192	5.192	0.0	90	76535	9.80	
60 n-Butanol	56	5.405	5.405	0.0	87	285095	210.9	
65 Methyl methacrylate	41	5.784	5.784	0.0	89	385468	9.90	
69 2-Nitropropane	41	6.115	6.115	0.0	97	169611	18.9	
80 n-Butyl acetate	56	7.299	7.299	0.0	97	558077	0	
94 Cyclohexanone	55	8.932	8.932	0.0	90	730245	109.2	
109 1,2,3-Trimethylbenzene	105	10.198	10.198	0.0	98	1672368	10.1	
118 2-Methylnaphthalene	142	13.677	13.677	0.0	100	1812094	21.7	

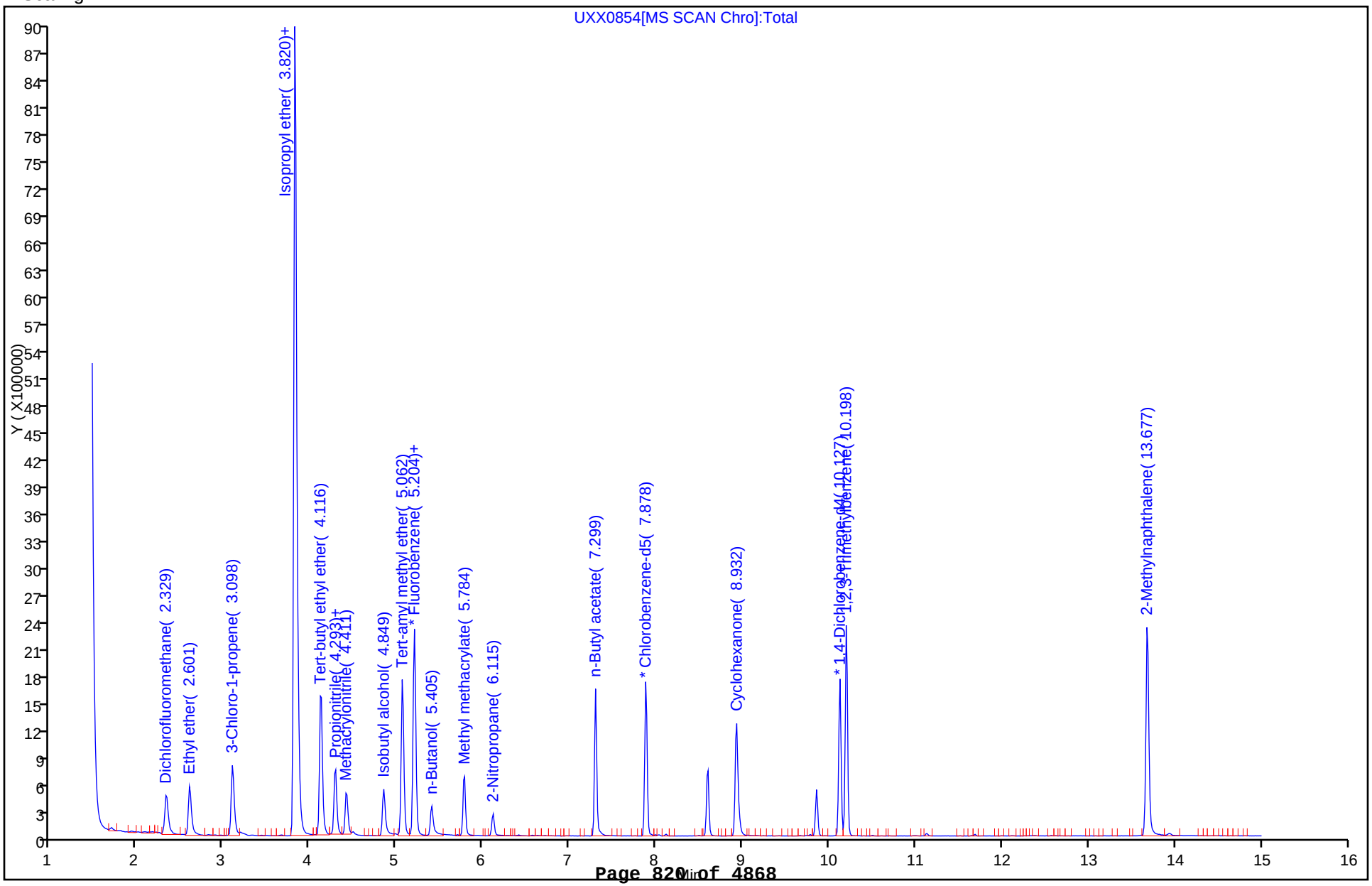
Report Date: 14-Nov-2012 12:23:01 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0854.D

Injection Date:	12-Nov-2012 18:09:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX10
Lims Batch ID:	64678	Lims Sample ID:	10
Operator ID:	1904	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0855.D		
Lims ID:	STDA9 L3	Client ID:	
Inject. Date:	12-Nov-2012 18:31:30	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	3
Sample ID:	240-0014871-011		
Misc. Info.:	P21112A-IC,8260LLUX10,,1904 =P21112A-IC,8260LLUX10,,1904		
Operator:	1904	Instrument ID:	A3UX10
Purge Vol:	5.000 mL	ALS Bottle#:	10
Lims Batch ID:	64678	Lims Sample ID:	11
Sublist:	chrom-8260_10*sub2		
Detector:	MS SCAN		
Method:	\\NCChrom\ChromData\A3UX10\20121112-14871.b\8260_10.m		
Last Update:	14-Nov-2012 12:23:01	Calib Date:	12-Nov-2012 19:16:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0857.D		
Limit Group:	MSV 8260DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	DB-624	Column Dia:	0.18 mm
Process Host:	XAWRK005		

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.204	5.204	0.0	98	1739128	10.0	
* 2 Chlorobenzene-d5	117	7.878	7.878	0.0	83	1150642	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.126	10.127	-0.001	94	569678	10.0	
18 Dichlorofluoromethane	67	2.328	2.329	-0.001	82	356024	4.78	
20 Ethyl ether	59	2.601	2.601	0.0	88	223860	5.10	
29 3-Chloro-1-propene	76	3.098	3.098	0.0	91	129440	4.83	
39 Isopropyl ether	87	3.819	3.820	-0.001	94	1260700	25.1	
40 2-Chloro-1,3-butadiene	53	3.855	3.855	0.0	89	362511	5.10	
41 Tert-butyl ethyl ether	59	4.115	4.127	-0.012	97	752623	5.02	
45 Propionitrile	54	4.281	4.281	0.0	39	69934	9.98	
46 Ethyl acetate	43	4.293	4.293	0.0	99	446141	9.85	
47 Methacrylonitrile	41	4.411	4.411	0.0	90	148682	4.96	
55 Isobutyl alcohol	41	4.849	4.849	0.0	92	159758	105.1	
58 Tert-amyl methyl ether	73	5.062	5.062	0.0	97	683604	5.03	
59 n-Heptane	100	5.192	5.192	0.0	86	38476	5.22	
60 n-Butanol	56	5.405	5.405	0.0	90	128789	100.2	
65 Methyl methacrylate	41	5.772	5.784	-0.012	89	178849	4.87	
69 2-Nitropropane	41	6.115	6.115	0.0	99	81277	9.63	
80 n-Butyl acetate	56	7.298	7.299	-0.001	97	256809	0	
94 Cyclohexanone	55	8.931	8.932	-0.001	90	322361	51.2	
109 1,2,3-Trimethylbenzene	105	10.197	10.198	-0.001	98	779019	4.99	
118 2-Methylnaphthalene	142	13.688	13.677	0.011	100	856345	10.9	

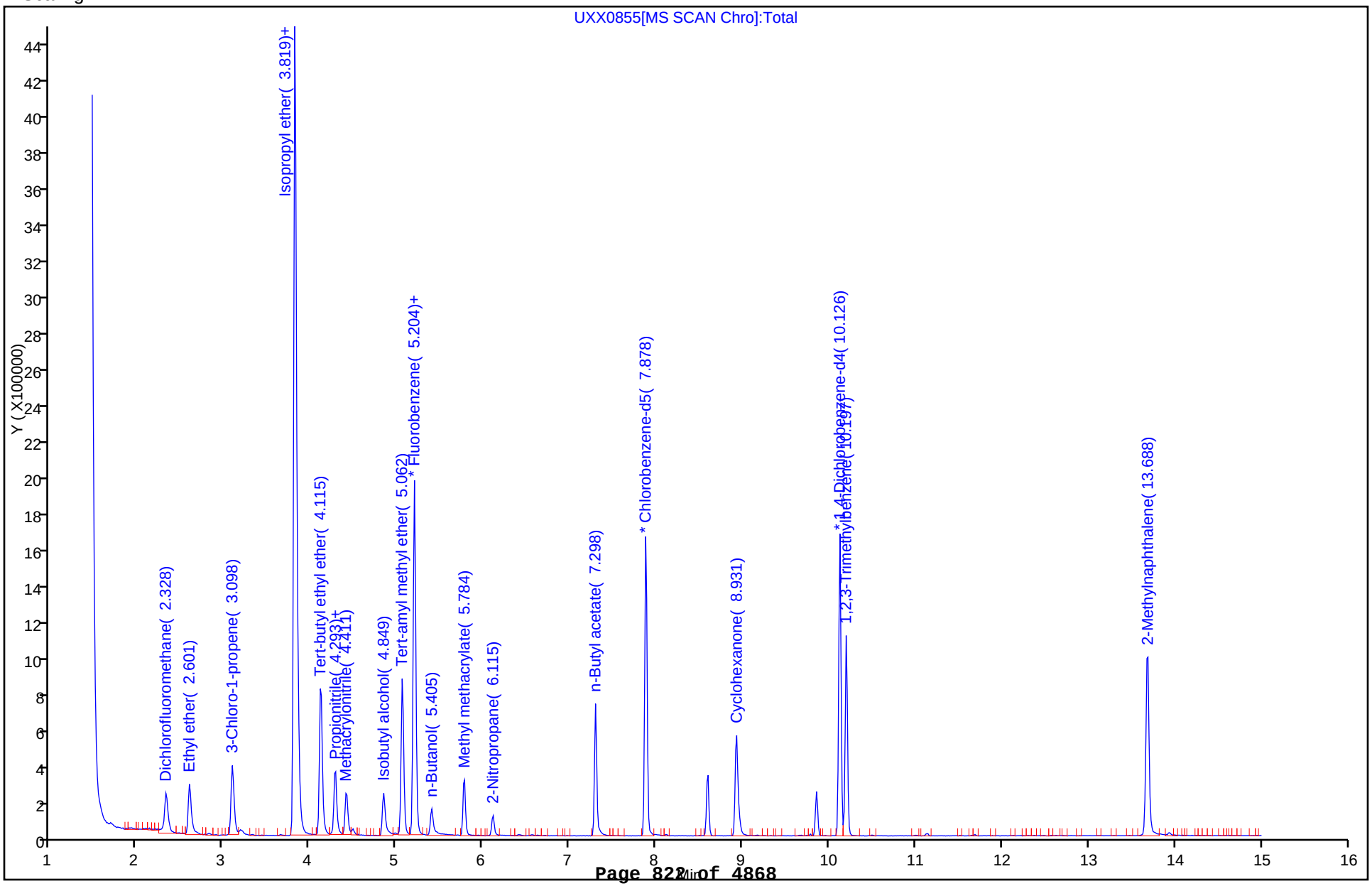
Report Date: 14-Nov-2012 12:23:02 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0855.D

Injection Date:	12-Nov-2012 18:31:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX10
Lims Batch ID:	64678	Lims Sample ID:	11
Operator ID:	1904	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0856.D		
Lims ID:	STDA9 L2	Client ID:	
Inject. Date:	12-Nov-2012 18:53:30	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	2
Sample ID:	240-0014871-012		
Misc. Info.:	P21112A-IC,8260LLUX10,,1904 =P21112A-IC,8260LLUX10,,1904		
Operator:	1904	Instrument ID:	A3UX10
Purge Vol:	5.000 mL	ALS Bottle#:	11
Lims Batch ID:	64678	Lims Sample ID:	12
Sublist:	chrom-8260_10*sub2		
Detector:	MS SCAN		
Method:	\\NCChrom\ChromData\A3UX10\20121112-14871.b\8260_10.m		
Last Update:	14-Nov-2012 12:23:02	Calib Date:	12-Nov-2012 19:16:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0857.D		
Limit Group:	MSV 8260DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	DB-624	Column Dia:	0.18 mm
Process Host:	XAWRK005		

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.207	5.204	0.003	99	1687438	10.0	
* 2 Chlorobenzene-d5	117	7.881	7.878	0.003	84	1091451	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.129	10.127	0.002	93	554865	10.0	
18 Dichlorofluoromethane	67	2.331	2.329	0.002	95	164725	2.28	
20 Ethyl ether	59	2.604	2.601	0.003	87	91256	2.14	
29 3-Chloro-1-propene	76	3.101	3.098	0.003	90	55345	2.13	
39 Isopropyl ether	87	3.822	3.820	0.002	94	492531	10.1	
40 2-Chloro-1,3-butadiene	53	3.846	3.855	-0.009	83	140291	2.03	
41 Tert-butyl ethyl ether	59	4.118	4.127	-0.009	95	293270	2.02	
45 Propionitrile	54	4.284	4.281	0.003	34	27715	4.07	
46 Ethyl acetate	43	4.284	4.293	-0.009	98	171365	3.90	
47 Methacrylonitrile	41	4.414	4.411	0.003	88	56328	1.94	
55 Isobutyl alcohol	41	4.852	4.849	0.003	91	63194	43.8	
58 Tert-amyl methyl ether	73	5.065	5.062	0.003	96	251377	1.91	
59 n-Heptane	100	5.195	5.192	0.003	87	14617	2.05	
60 n-Butanol	56	5.408	5.405	0.003	90	48741	40.0	
65 Methyl methacrylate	41	5.775	5.784	-0.009	92	66318	1.86	
69 2-Nitropropane	41	6.106	6.115	-0.009	95	31128	3.80	
80 n-Butyl acetate	56	7.301	7.299	0.002	96	86946	0	
94 Cyclohexanone	55	8.922	8.932	-0.010	91	128051	20.9	
109 1,2,3-Trimethylbenzene	105	10.200	10.198	0.002	96	279664	1.84	
118 2-Methylnaphthalene	142	13.679	13.677	0.002	100	337237	4.41	

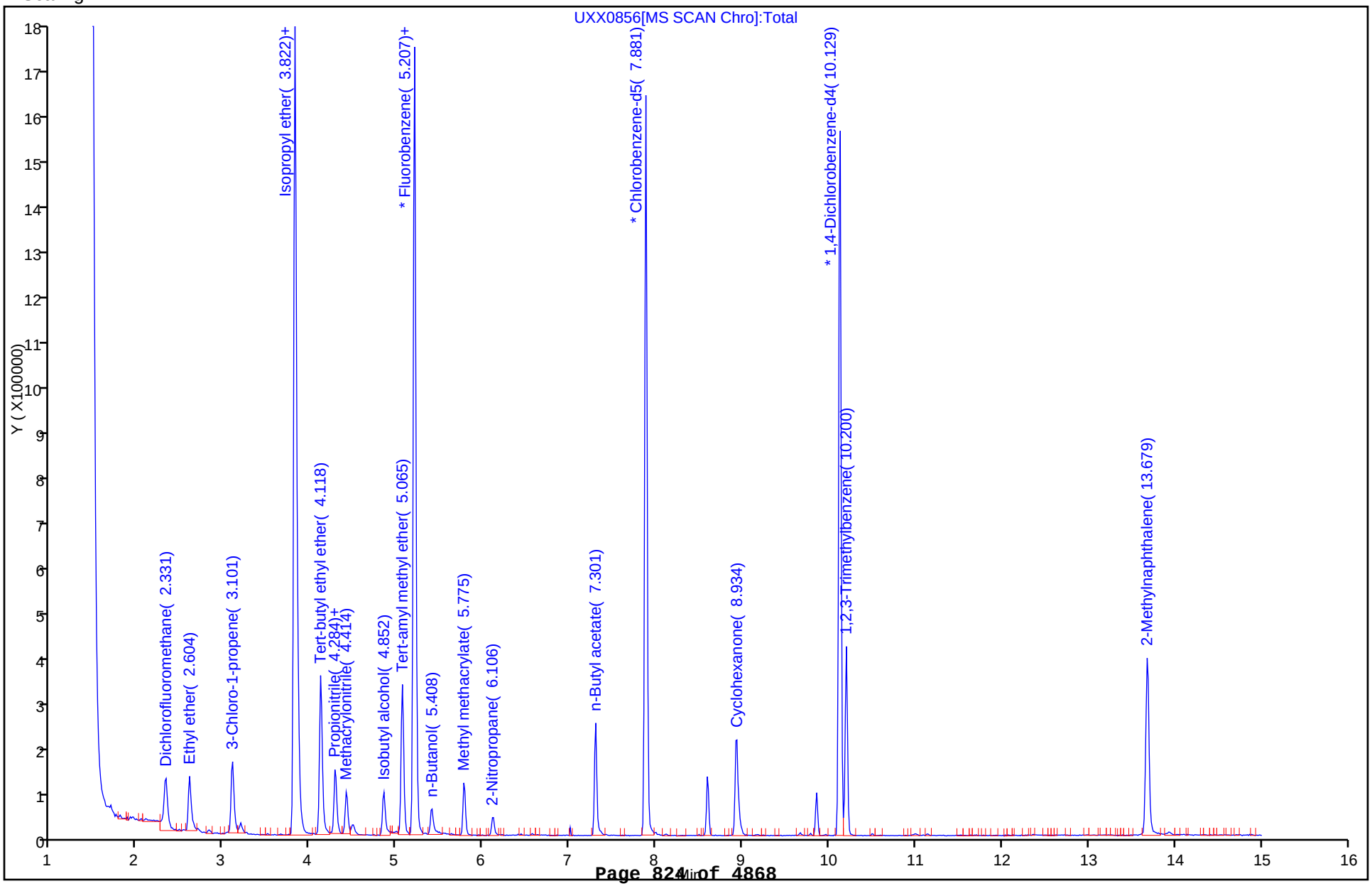
Report Date: 14-Nov-2012 12:23:02 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0856.D

Injection Date:	12-Nov-2012 18:53:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX10
Lims Batch ID:	64678	Lims Sample ID:	12
Operator ID:	1904	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0857.D		
Lims ID:	STDA9 L1	Client ID:	
Inject. Date:	12-Nov-2012 19:16:30	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	1
Sample ID:	240-0014871-013		
Misc. Info.:	P21112A-IC,8260LLUX10,,1904 =P21112A-IC,8260LLUX10,,1904		
Operator:	1904	Instrument ID:	A3UX10
Purge Vol:	5.000 mL	ALS Bottle#:	12
Lims Batch ID:	64678	Lims Sample ID:	13
Sublist:	chrom-8260_10*sub2		
Detector:	MS SCAN		
Method:	\\NCChrom\ChromData\A3UX10\20121112-14871.b\8260_10.m		
Last Update:	14-Nov-2012 12:23:03	Calib Date:	12-Nov-2012 19:16:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0857.D		
Limit Group:	MSV 8260DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	DB-624	Column Dia:	0.18 mm
Process Host:	XAWRK005		
First Level Reviewer: quayler		Date:	13-Nov-2012 08:55:02

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.207	5.204	0.003	99	1669342	10.0	
* 2 Chlorobenzene-d5	117	7.881	7.878	0.003	85	1078623	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.129	10.127	0.002	93	532286	10.0	
18 Dichlorofluoromethane	67	2.331	2.329	0.002	85	80460	1.13	
20 Ethyl ether	59	2.604	2.601	0.003	85	41138	0.9762	
29 3-Chloro-1-propene	76	3.100	3.098	0.002	87	24425	0.9489	
39 Isopropyl ether	87	3.822	3.820	0.002	93	228181	4.73	
40 2-Chloro-1,3-butadiene	53	3.846	3.855	-0.009	76	65705	0.9630	
41 Tert-butyl ethyl ether	59	4.118	4.127	-0.009	96	138066	0.9593	
45 Propionitrile	54	4.284	4.281	0.003	26	12432	1.85	
46 Ethyl acetate	43	4.284	4.293	-0.009	94	89127	2.05	
47 Methacrylonitrile	41	4.414	4.411	0.003	81	28684	1.00	
55 Isobutyl alcohol	41	4.852	4.849	0.003	77	26069	18.3	
58 Tert-amyl methyl ether	73	5.065	5.062	0.003	95	119519	0.9165	
59 n-Heptane	100	5.195	5.192	0.003	74	6900	0.9758	
60 n-Butanol	56	5.408	5.405	0.003	74	20848	17.3	
65 Methyl methacrylate	41	5.775	5.784	-0.009	81	32693	0.9275	
69 2-Nitropropane	41	6.106	6.115	-0.009	88	14400	1.78	
80 n-Butyl acetate	56	7.301	7.299	0.002	97	39843	0	
94 Cyclohexanone	55	8.922	8.932	-0.010	88	53736	9.13	
109 1,2,3-Trimethylbenzene	105	10.200	10.198	0.002	87	121230	0.8308	
118 2-Methylnaphthalene	142	13.679	13.677	0.002	97	124754	1.70	

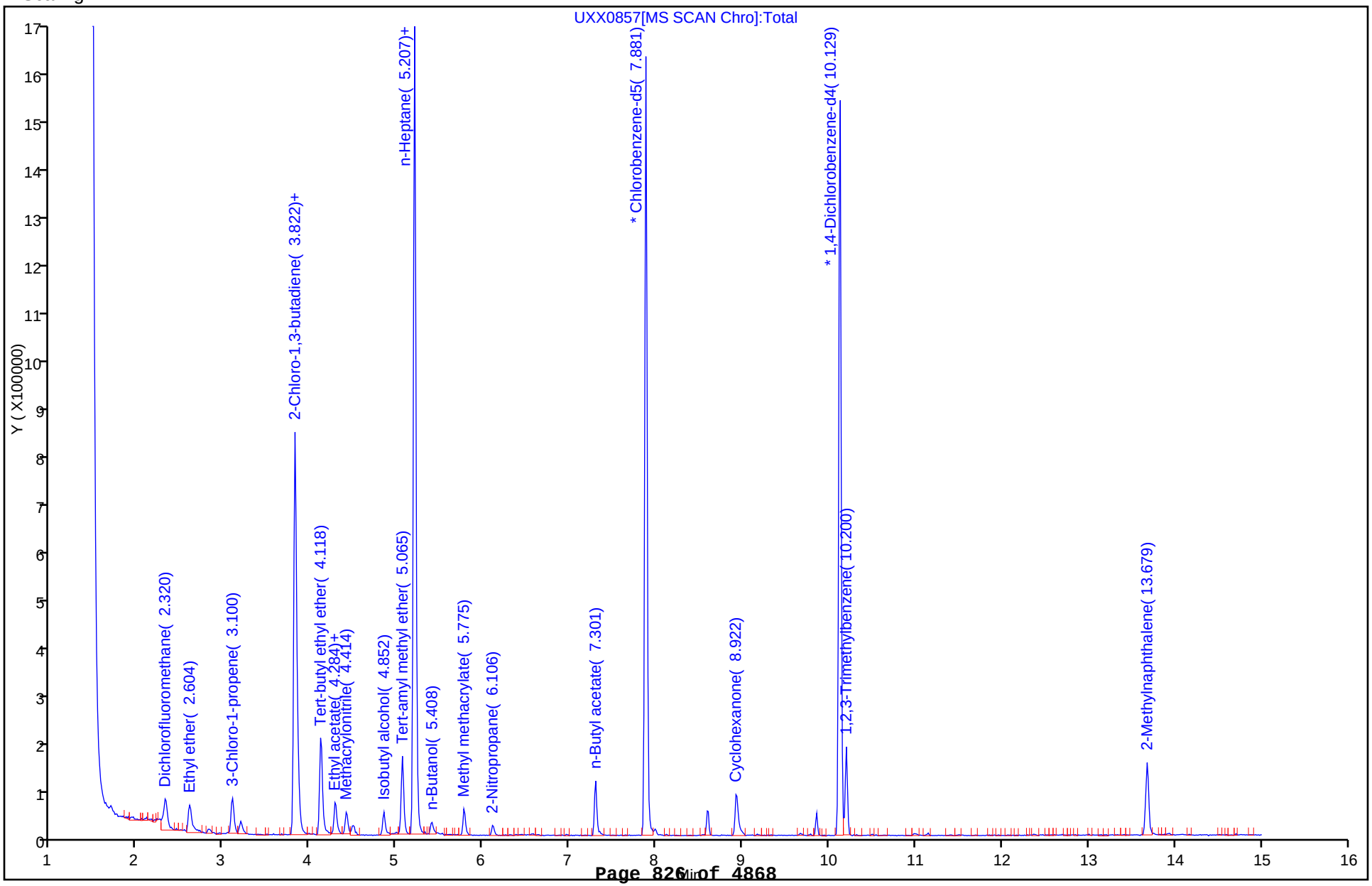
Report Date: 14-Nov-2012 12:23:03 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0857.D

Injection Date:	12-Nov-2012 19:16:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX10
Lims Batch ID:	64678	Lims Sample ID:	13
Operator ID:	1904	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-17317-1 Analy Batch No.: 64859

SDG No.:

Instrument ID: A3UX14 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 11/13/2012 16:53 Calibration End Date: 11/13/2012 19:45 Calibration ID: 12306

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 240-64859/11	149113.D
Level 2	IC 240-64859/10	149112.D
Level 3	IC 240-64859/9	149111.D
Level 4	IC 240-64859/8	149110.D
Level 5	IC 240-64859/7	149109.D
Level 6	ICIS 240-64859/6	149108.D
Level 7	IC 240-64859/5	149107.D
Level 8	IC 240-64859/4	149106.D
Level 9	IC 240-64859/3	149105.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Dichlorodifluoromethane	0.2643 0.2963	0.2696 0.2725	0.3188 0.2747	0.3039 0.2805	0.3062	Ave		0.2874			0.1000	6.7		15.0			
Chloromethane	0.5151 0.4987	0.5092 0.4608	0.5197 0.4575	0.4982 0.4342	0.5151	Ave		0.4898			0.1000	6.3		15.0			
Vinyl chloride	0.3470 0.4029	0.3624 0.3742	0.4232 0.3781	0.3960 0.3605	0.4121	Ave		0.3840			0.1000	6.7		15.0			
Bromomethane	0.2150 0.1323	0.1540 0.1193	0.1584 0.1195	0.1486 0.1230	0.1439	Lin1	0.1143	0.1220			0.0500				0.9980		0.9950
Chloroethane	0.2238 0.2231	0.2209 0.2070	0.2420 0.1992	0.2311 0.2090	0.2304	Ave		0.2207				6.1		15.0			
Trichlorofluoromethane	0.2971 0.3881	0.3069 0.3744	0.3801 0.3819	0.3858 0.3858	0.3986	Ave		0.3665			0.1000	10.0		15.0			
Acrolein	0.0365 0.0339	0.0355 0.0317	0.0362 0.0323	0.0325 0.0321	0.0349	Ave		0.0339				5.6		15.0			
1,1-Dichloroethene	0.2662 0.3121	0.2650 0.2891	0.2919 0.2871	0.2896 0.2804	0.3055	Ave		0.2874			0.1000	5.5		15.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	0.2199 0.2953	0.2615 0.2744	0.2932 0.2692	0.2814 0.2718	0.3036	Ave		0.2745			0.0500	9.0		15.0			
Acetone	0.2658 0.0843	0.2060 0.0735	0.1146 0.0727	0.0921 0.0672	0.0936	Lin1	0.4626	0.0703			0.0500				0.9950		0.9950
Iodomethane	0.4580 0.5387	0.4918 0.5078	0.5276 0.4993	0.5228 0.5027	0.5585	Ave		0.5119				5.7		15.0			
Carbon disulfide	0.4728 0.8390	0.5096 0.8405	0.6174 0.8597	0.6484 0.8663	0.7467	Lin1	-0.695	0.8570			0.1000				0.9990		0.9950
Acetonitrile	0.0330 0.0306	0.0376 0.0274	0.0337 0.0273	0.0321 0.0266	0.0325	Ave		0.0312				12.0		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-17317-1 Analy Batch No.: 64859

SDG No.:

Instrument ID: A3UX14 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 11/13/2012 16:53 Calibration End Date: 11/13/2012 19:45 Calibration ID: 12306

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Methyl acetate	0.2476 0.1987	0.2196 0.1856	0.2141 0.1874	0.1902 0.1903	0.2086	Ave		0.2047			0.1000	9.9		15.0			
Methylene Chloride	1.9333 0.3404	1.2118 0.3051	0.6816 0.2890	0.4653 0.2853	0.4040	Lin1	1.7790	0.2839			0.1000				0.9980		0.9950
2-Methyl-2-propanol	0.0146 0.0150	0.0145 0.0136	0.0146 0.0142	0.0142 0.0139	0.0156	Ave		0.0145				4.2		15.0			
Acrylonitrile	0.1126 0.0956	0.1045 0.0888	0.0993 0.0882	0.0915 0.0895	0.1003	Ave		0.0967				8.5		15.0			
trans-1,2-Dichloroethene	0.2972 0.3345	0.3261 0.3121	0.3470 0.3084	0.3280 0.3081	0.3430	Ave		0.3227			0.1000	5.3		15.0			
Methyl tert-butyl ether	0.5638 0.6890	0.6326 0.6458	0.6767 0.6557	0.6421 0.6646	0.7039	Ave		0.6527			0.1000	6.2		15.0			
Hexane	0.0915 0.0722	0.0774 0.0705	0.0846 0.0707	0.0745 0.0691	0.0734	Ave		0.0760				9.8		15.0			
1,1-Dichloroethane	0.5968 0.6381	0.5827 0.6134	0.6375 0.6110	0.6232 0.6111	0.6541	Ave		0.6187			0.1000	3.6		15.0			
Vinyl acetate	0.0142 0.0267	0.0238 0.0263	0.0225 0.0287	0.0223 0.0280	0.0257	Lin1	-0.017	0.0278							0.9990		0.9950
2,2-Dichloropropane	0.1609 0.2336	0.1866 0.2219	0.2057 0.2090	0.2086 0.2125	0.2344	Ave		0.2081				11.0		15.0			
cis-1,2-Dichloroethene	0.3123 0.3336	0.3104 0.3191	0.3464 0.3125	0.3321 0.3109	0.3466	Ave		0.3249			0.1000	4.6		15.0			
2-Butanone (MEK)	0.1756 0.0970	0.1390 0.0910	0.1128 0.0967	0.0942 0.0978	0.0970	Lin1	0.1492	0.0956			0.0500				0.9990		0.9950
Bromochloromethane	0.1355 0.1464	0.1347 0.1397	0.1533 0.1397	0.1432 0.1394	0.1545	Ave		0.1429				5.0		15.0			
Tetrahydrofuran	0.1034 0.0734	0.0679 0.0637	0.0801 0.0683	0.0652 0.0697	0.0747	Lin1	0.0267	0.0684							0.9980		0.9950
Chloroform	0.4832 0.5433	0.4988 0.5119	0.5317 0.5112	0.5193 0.5182	0.5483	Ave		0.5184				4.0		15.0			
1,1,1-Trichloroethane	0.2842 0.4486	0.3320 0.4308	0.3837 0.4286	0.3984 0.4352	0.4445	Ave		0.3984			0.1000	14.0		15.0			
Cyclohexane	0.7048 0.8526	0.7346 0.8068	0.8582 0.7981	0.8321 0.8041	0.8746	Ave		0.8073			0.1000	7.0		15.0			
1,1-Dichloropropene	0.3502 0.4206	0.3509 0.4001	0.4322 0.4074	0.4094 0.4045	0.4201	Ave		0.3995				7.4		15.0			
Carbon tetrachloride	0.2246 0.3991	0.2669 0.3965	0.3175 0.3982	0.3392 0.4091	0.3757	Lin1	-0.265	0.4031			0.1000				1.0000		0.9950
Benzene	1.1023 1.1345	1.0896 1.0784	1.1744 1.0883	1.0933 1.1009	1.1596	Ave		1.1135			0.5000	3.1		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-17317-1 Analy Batch No.: 64859

SDG No.:

Instrument ID: A3UX14 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 11/13/2012 16:53 Calibration End Date: 11/13/2012 19:45 Calibration ID: 12306

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,2-Dichloroethane	0.4507 0.3982	0.4047 0.3750	0.4002 0.3852	0.3873 0.3845	0.4079	Ave		0.3993			0.1000	5.5		15.0			
Trichloroethene	0.3012 0.3198	0.3082 0.3100	0.3281 0.3186	0.3117 0.3205	0.3219	Ave		0.3155			0.2000	2.6		15.0			
Methylcyclohexane	0.5423 0.6599	0.5140 0.6242	0.6428 0.6096	0.6452 0.6184	0.6706	Ave		0.6141			0.1000	8.6		15.0			
1,2-Dichloropropane	0.2769 0.2908	0.2574 0.2834	0.2833 0.2902	0.2657 0.2942	0.2873	Ave		0.2810			0.1000	4.4		15.0			
Dibromomethane	0.1280 0.1247	0.1199 0.1209	0.1156 0.1230	0.1178 0.1230	0.1263	Ave		0.1221				3.3		15.0			
1,4-Dioxane	0.0014 0.0017	0.0015 0.0015	0.0017 0.0016	0.0016 0.0016	0.0017	Ave		0.0016				6.7		15.0			
Bromodichloromethane	0.1835 0.2773	0.1816 0.2864	0.2072 0.3117	0.2148 0.3169	0.2439	Lin1	-0.281	0.3060			0.1000				0.9960		0.9950
2-Chloroethyl vinyl ether	0.0768 0.0830	0.0590 0.0834	0.0663 0.0947	0.0640 0.0966	0.0727	Qua	-0.161	0.0789	0						1.0000		0.9900
cis-1,3-Dichloropropene	0.1808 0.3011	0.1700 0.3119	0.2000 0.3454	0.2035 0.3482	0.2573	Qua	-0.603	0.3036	0.0002		0.1500				1.0000		0.9900
4-Methyl-2-pentanone (MIBK)	0.2955 0.3342	0.2753 0.3061	0.2916 0.3246	0.2915 0.3348	0.3219	Ave		0.3084			0.0500	6.9		15.0			
Toluene	1.8325 1.7607	1.7447 1.6565	1.7828 1.6918	1.7766 1.7476	1.8256	Ave		1.7576			0.4000	3.2		15.0			
trans-1,3-Dichloropropene	0.1995 0.3619	0.2063 0.3648	0.2395 0.4047	0.2506 0.4126	0.3132	Lin1	-0.433	0.3968			0.1000				0.9950		0.9950
Ethyl methacrylate	0.2028 0.2760	0.2043 0.2665	0.1989 0.2920	0.2118 0.3015	0.2520	Lin1	-0.213	0.2898							0.9970		0.9950
1,1,2-Trichloroethane	0.2504 0.2469	0.2228 0.2291	0.2325 0.2362	0.2341 0.2439	0.2542	Ave		0.2389			0.1000	4.4		15.0			
Tetrachloroethene	0.4194 0.4030	0.3902 0.3754	0.4322 0.3804	0.3984 0.3896	0.4181	Ave		0.4007			0.2000	4.8		15.0			
1,3-Dichloropropane	0.4360 0.4198	0.4183 0.3977	0.4059 0.4150	0.4087 0.4268	0.4283	Ave		0.4174				2.9		15.0			
2-Hexanone	0.1753 0.1659	0.1436 0.1582	0.1463 0.1796	0.1354 0.1861	0.1542	Ave		0.1605			0.0500	11.0		15.0			
Dibromochloromethane	0.1617 0.2752	0.1640 0.2823	0.1811 0.3161	0.1891 0.3279	0.2324	Qua	-0.391	0.2620	0.0003						1.0000		0.9900
1,2-Dibromoethane	0.2063 0.2490	0.2019 0.2371	0.2338 0.2445	0.2231 0.2487	0.2489	Ave		0.2326				7.9		15.0			
Chlorobenzene	1.2301 1.1463	1.2126 1.0864	1.1540 1.1262	1.1177 1.1528	1.1536	Ave		1.1533			0.3000	3.9		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-17317-1 Analy Batch No.: 64859

SDG No.:

Instrument ID: A3UX14 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 11/13/2012 16:53 Calibration End Date: 11/13/2012 19:45 Calibration ID: 12306

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,1,1,2-Tetrachloroethane	0.2401 0.4641	0.2940 0.4324	0.3402 0.4279	0.3764 0.4364	0.4340	Lin1	-0.255	0.4364							0.9990		0.9950
Ethylbenzene	0.6224 0.6362	0.6013 0.6036	0.6259 0.6229	0.6113 0.6334	0.6415	Ave		0.6221				2.3		15.0			
m-Xylene & p-Xylene	0.7411 0.7851	0.7015 0.7526	0.7663 0.7736	0.7531 0.7930	0.7964	Ave		0.7625				3.9		15.0			
o-Xylene	0.7482 0.8507	0.8166 0.7888	0.8327 0.7810	0.8386 0.7869	0.8795	Ave		0.8137				5.0		15.0			
Styrene	0.9051 1.1309	0.8853 1.0945	0.9766 1.1540	0.9797 1.1795	1.0680	Ave		1.0415			0.3000	10.0		15.0			
Bromoform	+++++ 0.1333	+++++ 0.1450	0.0830 0.1722	0.0930 0.1796	0.1102	Qua	-0.415	0.1317	0.0002		0.1000				1.0000		0.9900
Isopropylbenzene	1.9022 2.3818	1.9580 2.1990	2.2371 2.1939	2.2580 2.2337	2.4184	Ave		2.1980			0.1000	7.8		15.0			
1,1,2,2-Tetrachloroethane	0.4570 0.5371	0.4112 0.5156	0.4603 0.5424	0.4674 0.5659	0.5377	Ave		0.4994			0.3000	10.0		15.0			
Bromobenzene	0.8372 0.8120	0.7656 0.7865	0.8130 0.8318	0.7628 0.8750	0.8154	Ave		0.8110				4.4		15.0			
1,2,3-Trichloropropane	0.1754 0.1663	0.1620 0.1592	0.1723 0.1633	0.1581 0.1731	0.1677	Ave		0.1664				3.8		15.0			
trans-1,4-Dichloro-2-butene	0.2073 0.1595	0.1511 0.1646	0.1437 0.1918	0.1537 0.2015	0.1497	Ave		0.1692				14.0		15.0			
N-Propylbenzene	0.8388 1.0369	0.8586 1.0097	0.9688 1.0447	0.9561 1.0903	1.0247	Ave		0.9810				8.7		15.0			
2-Chlorotoluene	0.8528 0.9253	0.8118 0.8729	0.8880 0.9041	0.8745 0.9372	0.9434	Ave		0.8900				4.8		15.0			
1,3,5-Trimethylbenzene	2.5566 3.4150	2.5911 3.2489	3.0345 3.3096	3.0948 3.4225	3.3929	Ave		3.1184				11.0		15.0			
4-Chlorotoluene	0.8643 0.8701	0.7732 0.8326	0.8508 0.8767	0.8324 0.9165	0.8616	Ave		0.8531				4.6		15.0			
tert-Butylbenzene	2.3323 3.3291	2.4665 3.1817	2.9447 3.1859	2.9684 3.2899	3.2584	Ave		2.9952				12.0		15.0			
1,2,4-Trimethylbenzene	2.7192 3.2896	2.7693 3.1626	2.9124 3.1901	3.0368 3.2552	3.2996	Ave		3.0705				7.3		15.0			
sec-Butylbenzene	3.0025 4.5162	3.2987 4.2948	4.0077 4.3246	4.1548 4.4386	4.4258	Ave		4.0515				13.0		15.0			
1,3-Dichlorobenzene	1.9182 1.7180	1.8120 1.6741	1.7848 1.7053	1.7225 1.7372	1.7643	Ave		1.7596			0.6000	4.1		15.0			
4-Isopropyltoluene	2.7798 3.8238	2.9134 3.7567	3.4126 3.7682	3.5692 3.8548	3.9188	Ave		3.5331				12.0		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-17317-1 Analy Batch No.: 64859

SDG No.:

Instrument ID: A3UX14 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 11/13/2012 16:53 Calibration End Date: 11/13/2012 19:45 Calibration ID: 12306

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,4-Dichlorobenzene	2.1075 1.7161	1.9962 1.6868	1.8727 1.7004	1.7735 1.7575	1.8061	Ave		1.8241			0.5000	7.9		15.0			
n-Butylbenzene	2.5217 3.1482	2.6013 3.0614	2.9349 3.0655	2.9767 3.1307	3.1973	Ave		2.9598				8.1		15.0			
1,2-Dichlorobenzene	1.8702 1.6497	1.7989 1.5817	1.7433 1.5760	1.7200 1.6164	1.7507	Ave		1.7008			0.4000	6.0		15.0			
1,2-Dibromo-3-Chloropropane	0.0781 0.0847	0.0613 0.0862	0.0633 0.0991	0.0624 0.1044	0.0790	Qua	-0.038	0.0767	0.0001		0.0500				1.0000		0.9900
1,3,5-Trichlorobenzene	1.4839 1.3807	1.4850 1.3220	1.5406 1.3169	1.5400 1.3323	1.5284	Ave		1.4366				6.8		15.0			
1,2,4-Trichlorobenzene	1.3967 1.1071	1.2656 1.0716	1.2885 1.0911	1.2428 1.0935	1.2497	Ave		1.2007			0.2000	9.5		15.0			
Hexachlorobutadiene	0.6196 0.6501	0.6052 0.5972	0.7578 0.5954	0.7430 0.6033	0.7309	Ave		0.6558				10.0		15.0			
Naphthalene	2.2475 1.9523	2.1785 1.9221	2.0321 2.0208	2.0319 2.0288	2.1280	Ave		2.0602				5.1		15.0			
1,2,3-Trichlorobenzene	1.1014 0.8872	1.1118 0.8757	1.0856 0.9090	1.0654 0.9172	1.0356	Ave		0.9988				9.9		15.0			
Dibromofluoromethane (Surr)	0.4543 0.2506	0.3962 0.2570	0.3167 0.2648	0.2908 0.2589	0.2783	Lin1	0.2319	0.2588							1.0000		0.9950
1,2-Dichloroethane-d4 (Surr)	0.6223 0.2608	0.4795 0.2735	0.3740 0.2846	0.3266 0.2817	0.3103	Lin1	0.3773	0.2779							0.9990		0.9950
Toluene-d8 (Surr)	2.9448 1.4178	2.3163 1.4389	1.8763 1.4811	1.7245 1.4842	1.5997	Lin1	1.6498	1.4630							0.9990		0.9950
4-Bromofluorobenzene (Surr)	1.6935 0.8060	1.4518 0.8547	1.0699 0.9240	0.9544 0.9595	0.9043	Qua	1.4903	0.7601	0.0008						1.0000		0.9900

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-17317-1 Analy Batch No.: 64859

SDG No.:

Instrument ID: A3UX14 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 11/13/2012 16:53 Calibration End Date: 11/13/2012 19:45 Calibration ID: 12306

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 240-64859/11	149113.D
Level 2	IC 240-64859/10	149112.D
Level 3	IC 240-64859/9	149111.D
Level 4	IC 240-64859/8	149110.D
Level 5	IC 240-64859/7	149109.D
Level 6	ICIS 240-64859/6	149108.D
Level 7	IC 240-64859/5	149107.D
Level 8	IC 240-64859/4	149106.D
Level 9	IC 240-64859/3	149105.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Dichlorodifluoromethane	FB	Ave	7516 417580	14492 791908	43671 1617640	82511 2115856	161720	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Chloromethane	FB	Ave	14646 702799	27370 1338903	71181 2694187	135262 3275169	272081	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Vinyl chloride	FB	Ave	9867 567761	19480 1087283	57964 2226414	107509 2718989	217685	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Bromomethane	FB	Lin1	6112 186493	8277 346587	21694 703622	40346 927880	76008	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Chloroethane	FB	Ave	6364 314365	11870 601594	33147 1172950	62735 1576477	121690	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Trichlorofluoromethane	FB	Ave	8449 546945	16496 1088102	52063 2249017	104736 2909895	210534	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Acrolein	FB	Ave	10367 478056	19105 921630	49585 1899816	88115 2418324	184449	10.0 500	20.0 1000	50.0 2000	100 2500	200
1,1-Dichloroethene	FB	Ave	7569 439870	14243 840221	39983 1690386	78637 2115050	161339	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,1,2-Trichloro-1,2,2-trifluoroetha ne	FB	Ave	6252 416147	14057 797347	40163 1585107	76398 2050356	160348	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Acetone	FB	Lin1	15114 237740	22148 426995	31391 856133	50024 1014022	98863	2.00 100	4.00 200	10.0 400	20.0 500	40.0
Iodomethane	FB	Ave	13022 759159	26435 1475619	72265 2940106	141950 3792310	295018	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Carbon disulfide	FB	Lin1	13442 1182385	27388 2442481	84572 5062701	176057 6534814	394410	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Acetonitrile	FB	Ave	9385 431263	20232 796014	46125 1608529	87036 2008114	171666	10.0 500	20.0 1000	50.0 2000	100 2500	200
Methyl acetate	FB	Ave	14079 560017	23602 1078716	58662 2206523	103288 2871085	220401	2.00 100	4.00 200	10.0 400	20.0 500	40.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-17317-1 Analy Batch No.: 64859

SDG No.:

Instrument ID: A3UX14 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 11/13/2012 16:53 Calibration End Date: 11/13/2012 19:45 Calibration ID: 12306

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Methylene Chloride	FB	Lin1	54970 479698	65129 886504	93360 1701753	126340 2152074	213373	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
2-Methyl-2-propanol	FB	Ave	8325 422973	15618 789455	39940 1669586	77319 2089998	165099	20.0 1000	40.0 2000	100 4000	200 5000	400
Acrylonitrile	FB	Ave	6401 269580	11229 515929	27199 1038629	49698 1350561	105995	2.00 100	4.00 200	10.0 400	20.0 500	40.0
trans-1,2-Dichloroethene	FB	Ave	8450 471393	17525 907001	47533 1816271	89048 2324134	181167	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Methyl tert-butyl ether	FB	Ave	16031 970973	34001 1876766	92686 3861248	174321 5013197	371794	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Hexane	FB	Ave	2602 101690	4159 204799	11588 416144	20234 521048	38787	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,1-Dichloroethane	FB	Ave	16970 899255	31317 1782565	87326 3598243	169195 4609728	345487	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Vinyl acetate	FB	Lin1	403 37670	1280 76525	3079 168875	6066 211083	13557	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
2,2-Dichloropropane	FB	Ave	4575 329191	10027 644879	28180 1230549	56635 1603060	123818	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
cis-1,2-Dichloroethene	FB	Ave	8880 470162	16683 927391	47449 1840191	90166 2345081	183097	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
2-Butanone (MEK)	FB	Lin1	9988 273345	14939 529115	30894 1139182	51145 1476018	102501	2.00 100	4.00 200	10.0 400	20.0 500	40.0
Bromochloromethane	FB	Ave	3854 206291	7241 405931	20994 822911	38873 1051272	81624	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Tetrahydrofuran	FB	Lin1	2940 103462	3649 185076	10974 402232	17698 525409	39432	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Chloroform	FB	Ave	13739 765651	26809 1487549	72826 3010090	140994 3908909	289607	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,1,1-Trichloroethane	FB	Ave	8081 632148	17843 1251773	52558 2523886	108164 3282896	234761	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Cyclohexane	FB	Ave	20040 1201508	39484 2344534	117550 4699663	225927 6065372	461930	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,1-Dichloropropene	FB	Ave	9957 592724	18859 1162651	59199 2399330	111163 3051360	221877	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Carbon tetrachloride	FB	Lin1	6386 562495	14343 1152166	43488 2345000	92086 3085601	198439	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Benzene	FB	Ave	31342 1598756	58561 3133611	160862 6408963	296845 8304169	612512	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,2-Dichloroethane	FB	Ave	12816 561210	21751 1089587	54823 2268334	105152 2900687	215440	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Trichloroethene	FB	Ave	8563 450685	16566 900868	44946 1876080	84617 2417344	170019	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-17317-1 Analy Batch No.: 64859

SDG No.:

Instrument ID: A3UX14 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 11/13/2012 16:53 Calibration End Date: 11/13/2012 19:45 Calibration ID: 12306

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Methylcyclohexane	FB	Ave	15420 930044	27625 1813947	88044 3589794	175167 4664620	354215	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,2-Dichloropropane	FB	Ave	7874 409880	13836 823444	38810 1709124	72151 2219139	151736	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Dibromomethane	FB	Ave	3639 175714	6443 351417	15838 724277	31991 928129	66688	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,4-Dioxane	FB	Ave	1977 118145	3980 219140	11737 463067	21934 597133	44297	50.0 2500	100 5000	250 10000	500 12500	1000
Bromodichloromethane	FB	Lin1	5217 390809	9759 832249	28387 1835347	58309 2390658	128819	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
2-Chloroethyl vinyl ether	FB	Qua	4368 234066	6345 484654	18171 1115017	34747 1457274	76766	2.00 100	4.00 200	10.0 400	20.0 500	40.0
cis-1,3-Dichloropropene	FB	Qua	5140 424347	9137 906342	27402 2033998	55239 2626397	135898	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
4-Methyl-2-pentanone (MIBK)	CBZ	Ave	9717 576886	16736 1136906	44863 2533577	88556 3331223	197223	2.00 100	4.00 200	10.0 400	20.0 500	40.0
Toluene	CBZ	Ave	30130 1519658	53025 3076276	137151 6603246	269854 8693371	559174	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
trans-1,3-Dichloropropene	CBZ	Lin1	3281 312322	6269 677544	18422 1579454	38061 2052621	95928	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Ethyl methacrylate	CBZ	Lin1	3334 238209	6210 494988	15305 1139822	32177 1499679	77173	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,1,2-Trichloroethane	CBZ	Ave	4117 213126	6770 425536	17884 921878	35558 1213279	77860	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Tetrachloroethene	CBZ	Ave	6896 347815	11858 697238	33251 1484602	60520 1937946	128055	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,3-Dichloropropane	CBZ	Ave	7169 362321	12713 738571	31225 1619828	62074 2123153	131178	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
2-Hexanone	CBZ	Ave	5765 286390	8731 587510	22515 1402204	41139 1851099	94486	2.00 100	4.00 200	10.0 400	20.0 500	40.0
Dibromochloromethane	CBZ	Qua	2658 237486	4983 524268	13929 1233608	28727 1631350	71189	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,2-Dibromoethane	CBZ	Ave	3392 214868	6136 440371	17983 954360	33893 1237164	76236	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Chlorobenzene	CBZ	Ave	20226 989339	36855 2017592	88779 4395692	169777 5734754	353351	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,1,1,2-Tetrachloroethane	CBZ	Lin1	3948 400599	8935 803063	26175 1670230	57173 2171016	132946	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Ethylbenzene	CBZ	Ave	10233 549095	18275 1120917	48151 2431159	92859 3150985	196492	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
m-Xylene & p-Xylene	CBZ	Ave	24371 1355176	42642 2795237	117908 6038673	228784 7889491	487854	2.00 100	4.00 200	10.0 400	20.0 500	40.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-17317-1 Analy Batch No.: 64859

SDG No.:

Instrument ID: A3UX14 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 11/13/2012 16:53 Calibration End Date: 11/13/2012 19:45 Calibration ID: 12306

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
o-Xylene	CBZ	Ave	12302 734242	24817 1464950	64060 3048446	127375 3914688	269399	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Styrene	CBZ	Ave	14882 976030	26907 2032553	75133 4504091	148820 5867268	327115	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Bromoform	CBZ	Qua	+++++ 115056	+++++ 269265	6385 672219	14126 893312	33753	+++++ 50.0	+++++ 100	5.00 200	10.0 250	20.0
Isopropylbenzene	CBZ	Ave	31276 2055730	59507 4083761	172097 8563076	342974 11111466	740744	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,1,2,2-Tetrachloroethane	DCB	Ave	4412 269865	7468 551393	21908 1185915	43332 1521394	98118	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Bromobenzene	DCB	Ave	8083 407997	13903 841041	38695 1818475	70715 2352640	148810	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,2,3-Trichloropropane	DCB	Ave	1693 83541	2942 170230	8200 356908	14657 465477	30596	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
trans-1,4-Dichloro-2-butene	DCB	Ave	2001 80147	2744 175997	6839 419227	14248 541730	27326	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
N-Propylbenzene	DCB	Ave	8099 520989	15593 1079721	46113 2283863	88635 2931489	186998	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
2-Chlorotoluene	DCB	Ave	8234 464923	14742 933447	42265 1976546	81078 2519820	172161	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,3,5-Trimethylbenzene	DCB	Ave	24684 1715922	47056 3474159	144431 7235493	286915 9201957	619176	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
4-Chlorotoluene	DCB	Ave	8345 437183	14041 890356	40495 1916783	77171 2464150	157235	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
tert-Butylbenzene	DCB	Ave	22518 1672737	44793 3402281	140155 6965216	275197 8845425	594629	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,2,4-Trimethylbenzene	DCB	Ave	26254 1652909	50292 3381876	138620 6974339	281537 8752217	602151	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
sec-Butylbenzene	DCB	Ave	28989 2269254	59906 4592616	190752 9454717	385185 11933941	807678	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,3-Dichlorobenzene	DCB	Ave	18520 863253	32906 1790188	84949 3728094	159688 4670802	321979	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
4-Isopropyltoluene	DCB	Ave	26839 1921354	52909 4017166	162428 8238217	330900 10364287	715161	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,4-Dichlorobenzene	DCB	Ave	20348 862272	36251 1803761	89135 3717462	164421 4725453	329600	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
n-Butylbenzene	DCB	Ave	24347 1581880	47240 3273708	139689 6702026	275970 8417394	583487	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,2-Dichlorobenzene	DCB	Ave	18057 828934	32668 1691360	82976 3445460	159459 4346036	319497	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,2-Dibromo-3-Chloropropane	DCB	Qua	754 42579	1114 92168	3014 216613	5781 280695	14412	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-17317-1 Analy Batch No.: 64859

SDG No.:

Instrument ID: A3UX14 GC Column: DB-624 ID: 0.18(mm) Heated Purge: (Y/N) Y

Calibration Start Date: 11/13/2012 16:53 Calibration End Date: 11/13/2012 19:45 Calibration ID: 12306

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
1,3,5-Trichlorobenzene	DCB	Ave	14327 693743	26968 1413710	73328 2879013	142774 3582174	278916	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,2,4-Trichlorobenzene	DCB	Ave	13485 556263	22983 1145856	61330 2385332	115215 2940017	228061	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Hexachlorobutadiene	DCB	Ave	5982 326640	10991 638577	36068 1301644	68886 1622181	133386	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Naphthalene	DCB	Ave	21699 980976	39563 2055400	96720 4418019	188376 5454801	388344	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,2,3-Trichlorobenzene	DCB	Ave	10634 445774	20191 936408	51672 1987368	98772 2466056	188992	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Dibromofluoromethane (Surr)	FB	Lin1	12918 353208	21293 746711	43376 1559593	78941 1952797	146969	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
1,2-Dichloroethane-d4 (Surr)	FB	Lin1	17695 367475	25772 794798	51229 1675798	88686 2125326	163888	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
Toluene-d8 (Surr)	CBZ	Lin1	48420 1223651	70397 2672083	144345 5780939	261942 7383215	489993	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0
4-Bromofluorobenzene (Surr)	DCB	Qua	16351 405001	26365 913962	50923 2020167	88484 2579873	165025	1.00 50.0	2.00 100	5.00 200	10.0 250	20.0

Curve Type Legend:

Ave = Average ISTD
Lin1 = Linear 1/conc ISTD
Qua = Quadratic ISTD

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX14\20121113-14916.b\149105.D
Lims ID: IC 9 Client ID:
Inject. Date: 13-Nov-2012 16:53:30 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 9
Sample ID: ic 9
Misc. Info.: 240-0014916-003 =240-0014916-003
Operator: 002808 Instrument ID: A3UX14
Purge Vol: 5.000 mL ALS Bottle#: 2
Lims Batch ID: 64859 Lims Sample ID: 3
Sublist: chrom-8260_14*sub16
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX14\20121113-14916.b\8260_14.m
Last Update: 14-Nov-2012 15:22:51 Calib Date: 13-Nov-2012 22:59:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX14\20121113-14916.b\149122.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK032

First Level Reviewer: macenczaks Date: 13-Nov-2012 18:03:19

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	1508662	50.0	
* 2 Chlorobenzene-d5	117	9.594	9.594	0.0	98	994912	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.570	11.570	0.0	91	537734	50.0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	69	1952797	249.2	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.553	6.541	0.012	96	2125326	252.1	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	85	7383215	252.5	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	88	2579873	249.9	
12 Dichlorodifluoromethane	85	1.442	1.441	0.001	88	2115856	244.0	
13 Chloromethane	50	1.607	1.607	0.0	89	3275169	221.6	
14 Vinyl chloride	62	1.737	1.737	0.0	83	2718989	234.6	
15 Bromomethane	94	2.069	2.069	0.0	90	927880	251.1	
16 Chloroethane	64	2.187	2.187	0.0	94	1576477	236.7	
18 Trichlorofluoromethane	101	2.506	2.506	0.0	86	2909895	263.1	
20 Acrolein	56	3.027	3.027	0.0	95	2418324	2360.8	
21 1,1-Dichloroethene	96	3.157	3.145	0.012	84	2115050	243.9	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	3.181	3.181	0.0	85	2050356	247.6	
22 Acetone	43	3.252	3.252	0.0	97	1014022	471.3	
24 Iodomethane	142	3.347	3.347	0.0	99	3792310	245.5	
26 Carbon disulfide	76	3.418	3.418	0.0	99	6534814	253.5	
27 Acetonitrile	41	3.654	3.666	-0.012	99	2008114	2133.0	
28 Methyl acetate	43	3.761	3.761	0.0	98	2871085	464.9	
30 Methylene Chloride	84	3.891	3.879	0.012	88	2152074	245.0	
31 2-Methyl-2-propanol	59	4.187	4.187	0.0	90	2089998	4786.7	
32 Acrylonitrile	53	4.305	4.305	0.0	96	1350561	462.9	
33 trans-1,2-Dichloroethene	96	4.317	4.317	0.0	88	2324134	238.7	
34 Methyl tert-butyl ether	73	4.352	4.352	0.0	91	5013197	254.6	
35 Hexane	86	4.743	4.743	0.0	96	521048	227.3	
36 1,1-Dichloroethane	63	4.920	4.920	0.0	86	4609728	246.9	
37 Vinyl acetate	86	5.039	5.039	0.0	97	211083	251.8	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
43 2,2-Dichloropropane	77	5.642	5.642	0.0	78	1603060	255.3	
42 cis-1,2-Dichloroethene	96	5.654	5.654	0.0	75	2345081	239.2	
41 2-Butanone (MEK)	43	5.701	5.701	0.0	97	1476018	510.2	
47 Chlorobromomethane	128	5.926	5.926	0.0	88	1051272	243.8	
48 Tetrahydrofuran	42	5.985	5.985	0.0	92	525409	254.1	
49 Chloroform	83	6.033	6.033	0.0	84	3908909	249.9	
50 1,1,1-Trichloroethane	97	6.210	6.210	0.0	90	3282896	273.1	
51 Cyclohexane	56	6.269	6.257	0.012	94	6065372	249.0	
52 1,1-Dichloropropene	75	6.388	6.388	0.0	83	3051360	253.1	
53 Carbon tetrachloride	117	6.388	6.388	0.0	79	3085601	254.4	
55 Benzene	78	6.601	6.601	0.0	96	8304169	247.2	
56 1,2-Dichloroethane	62	6.624	6.624	0.0	88	2900687	240.8	
60 Trichloroethene	130	7.240	7.240	0.0	91	2417344	253.9	
63 Methylcyclohexane	83	7.417	7.417	0.0	97	4664620	251.7	
62 1,2-Dichloropropane	63	7.453	7.453	0.0	88	2219139	261.7	
65 Dibromomethane	93	7.559	7.559	0.0	92	928129	251.9	
66 1,4-Dioxane	88	7.583	7.583	0.0	94	597133	12526	
67 Dichlorobromomethane	83	7.713	7.713	0.0	91	2390658	259.9	
69 2-Chloroethyl vinyl ether	63	7.997	7.997	0.0	88	1457274	497.6	
70 cis-1,3-Dichloropropene	75	8.115	8.115	0.0	84	2626397	248.5	
71 4-Methyl-2-pentanone (MIBK)	43	8.257	8.257	0.0	99	3331223	542.9	
72 Toluene	91	8.411	8.411	0.0	91	8693371	248.6	
73 trans-1,3-Dichloropropene	75	8.600	8.600	0.0	91	2052621	261.1	
74 Ethyl methacrylate	69	8.683	8.683	0.0	92	1499679	260.8	
75 1,1,2-Trichloroethane	97	8.766	8.766	0.0	89	1213279	255.2	
77 Tetrachloroethene	164	8.884	8.884	0.0	91	1937946	243.0	
76 1,3-Dichloropropane	76	8.908	8.908	0.0	94	2123153	255.6	
78 2-Hexanone	43	8.979	8.979	0.0	98	1851099	579.5	
79 Chlorodibromomethane	129	9.109	9.109	0.0	88	1631350	249.6	
123 Ethylene Dibromide	107	9.204	9.204	0.0	99	1237164	267.3	
82 Chlorobenzene	112	9.618	9.618	0.0	91	5734754	249.9	
83 1,1,1,2-Tetrachloroethane	131	9.689	9.689	0.0	89	2171016	250.6	
84 Ethylbenzene	106	9.713	9.713	0.0	98	3150985	254.6	
10 m-Xylene & p-Xylene	106	9.807	9.807	0.0	95	7889491	520.0	
85 o-Xylene	106	10.151	10.151	0.001	95	3914688	241.8	
86 Styrene	104	10.162	10.162	0.0	94	5867268	283.1	
87 Bromoform	173	10.328	10.328	0.0	97	893312	249.0	
88 Isopropylbenzene	105	10.458	10.458	0.0	96	11111466	254.1	
90 1,1,2,2-Tetrachloroethane	83	10.707	10.707	0.0	81	1521394	283.3	
91 Bromobenzene	156	10.719	10.718	0.001	94	2352640	269.7	
92 1,2,3-Trichloropropane	110	10.742	10.742	0.0	57	465477	260.2	
93 trans-1,4-Dichloro-2-butene	53	10.754	10.754	0.0	44	541730	297.7	
94 N-Propylbenzene	120	10.801	10.801	0.0	97	2931489	277.9	
95 2-Chlorotoluene	126	10.884	10.884	0.0	98	2519820	263.3	
96 1,3,5-Trimethylbenzene	105	10.955	10.943	0.012	94	9201957	274.4	
104 4-Chlorotoluene	126	10.979	10.967	0.012	99	2464150	268.6	
97 tert-Butylbenzene	119	11.227	11.227	0.0	84	8845425	274.6	
98 1,2,4-Trimethylbenzene	105	11.263	11.263	0.0	95	8752217	265.0	
99 sec-Butylbenzene	105	11.417	11.417	0.0	94	11933941	273.9	
100 1,3-Dichlorobenzene	146	11.511	11.511	0.0	96	4670802	246.8	
101 4-Isopropyltoluene	119	11.535	11.535	0.0	93	10364287	272.8	
102 1,4-Dichlorobenzene	146	11.582	11.582	0.0	91	4725453	240.9	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
105 n-Butylbenzene	91	11.878	11.878	0.0	94	8417394	264.4	
106 1,2-Dichlorobenzene	146	11.902	11.902	0.0	97	4346036	237.6	
107 1,2-Dibromo-3-Chloropropane	157	12.553	12.553	0.0	80	280695	249.9	
108 1,3,5-Trichlorobenzene	180	12.730	12.730	0.0	94	3582174	231.8	
109 1,2,4-Trichlorobenzene	180	13.239	13.239	0.0	91	2940017	227.7	
110 Hexachlorobutadiene	225	13.369	13.369	0.0	94	1622181	230.0	
111 Naphthalene	128	13.440	13.440	0.0	97	5454801	246.2	
112 1,2,3-Trichlorobenzene	180	13.629	13.629	0.0	93	2466056	229.6	
S 137 Trihalomethanes, Total	1				0		1008.3	
S 11 1,2-Dichloroethene, Total	96				0		477.9	
S 9 1,3-Dichloropropene, Total	75				0		509.6	
S 114 Xylenes, Total	106				0		761.8	

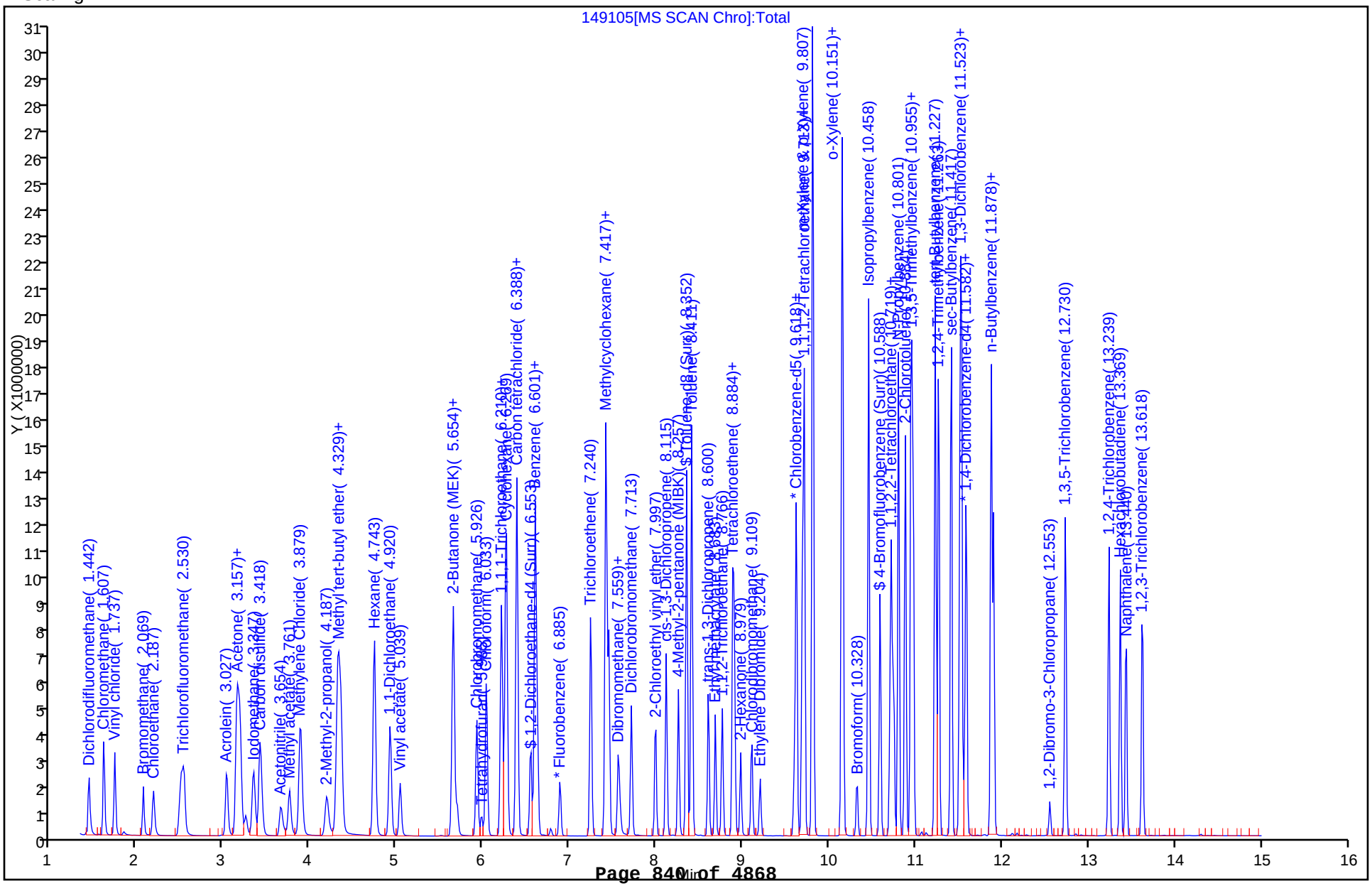
Report Date: 14-Nov-2012 15:22:51 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121113-14916.b\149105.D

Injection Date:	13-Nov-2012 16:53:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	64859	Lims Sample ID:	3
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX14\20121113-14916.b\149106.D
Lims ID: IC 8 Client ID:
Inject. Date: 13-Nov-2012 17:15:30 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 8
Sample ID: ic 8
Misc. Info.: 240-0014916-004 =240-0014916-004
Operator: 002808 Instrument ID: A3UX14
Purge Vol: 5.000 mL ALS Bottle#: 3
Lims Batch ID: 64859 Lims Sample ID: 4
Sublist: chrom-8260_14*sub16
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX14\20121113-14916.b\8260_14.m
Last Update: 14-Nov-2012 15:22:52 Calib Date: 13-Nov-2012 22:59:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX14\20121113-14916.b\149122.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK032

First Level Reviewer: macenczaks Date: 14-Nov-2012 09:22:13

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	1472179	50.0	
* 2 Chlorobenzene-d5	117	9.594	9.594	0.0	98	975765	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.570	11.570	0.0	92	546560	50.0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	66	1559593	203.8	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.553	6.541	0.012	96	1675798	203.5	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	85	5780939	201.3	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	89	2020167	200.2	
12 Dichlorodifluoromethane	85	1.441	1.441	0.0	88	1617640	191.1	
13 Chloromethane	50	1.607	1.607	0.0	89	2694187	186.8	
14 Vinyl chloride	62	1.737	1.737	0.0	83	2226414	196.9	
15 Bromomethane	94	2.069	2.069	0.0	90	703622	194.9	
16 Chloroethane	64	2.187	2.187	0.0	93	1172950	180.5	
18 Trichlorofluoromethane	101	2.506	2.506	0.0	86	2249017	208.4	
20 Acrolein	56	3.027	3.027	0.0	96	1899816	1900.6	
21 1,1-Dichloroethene	96	3.145	3.145	0.0	84	1690386	199.7	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	3.181	3.181	0.0	85	1585107	196.1	
22 Acetone	43	3.252	3.252	0.0	97	856133	406.9	
24 Iodomethane	142	3.346	3.347	-0.001	99	2940106	195.1	
26 Carbon disulfide	76	3.417	3.418	-0.001	99	5062701	201.4	
27 Acetonitrile	41	3.654	3.666	-0.012	99	1608529	1750.9	
28 Methyl acetate	43	3.761	3.761	0.0	98	2206523	366.1	
30 Methylene Chloride	84	3.891	3.879	0.012	88	1701753	197.3	
31 2-Methyl-2-propanol	59	4.187	4.187	0.0	91	1669586	3918.6	
32 Acrylonitrile	53	4.305	4.305	0.0	96	1038629	364.8	
33 trans-1,2-Dichloroethene	96	4.317	4.317	0.0	88	1816271	191.2	
34 Methyl tert-butyl ether	73	4.352	4.352	0.0	87	3861248	200.9	
35 Hexane	86	4.743	4.743	0.0	96	416144	186.0	
36 1,1-Dichloroethane	63	4.920	4.920	0.0	86	3598243	197.5	
37 Vinyl acetate	86	5.039	5.039	0.0	97	168875	206.6	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
43 2,2-Dichloropropane	77	5.642	5.642	0.0	77	1230549	200.8	
42 cis-1,2-Dichloroethene	96	5.654	5.654	0.0	75	1840191	192.4	
41 2-Butanone (MEK)	43	5.701	5.701	0.0	97	1139182	403.2	
47 Chlorobromomethane	128	5.926	5.926	0.0	89	822911	195.5	
48 Tetrahydrofuran	42	5.973	5.985	-0.012	92	402232	199.2	
49 Chloroform	83	6.033	6.033	0.0	85	3010090	197.2	
50 1,1,1-Trichloroethane	97	6.210	6.210	0.0	89	2523886	215.1	
51 Cyclohexane	56	6.269	6.257	0.012	94	4699663	197.7	
52 1,1-Dichloropropene	75	6.388	6.388	0.0	83	2399330	204.0	
53 Carbon tetrachloride	117	6.388	6.388	0.0	74	2345000	198.3	
55 Benzene	78	6.601	6.601	0.0	96	6408963	195.5	
56 1,2-Dichloroethane	62	6.624	6.624	0.0	88	2268334	192.9	
60 Trichloroethene	130	7.240	7.240	0.0	91	1876080	201.9	
63 Methylcyclohexane	83	7.417	7.417	0.0	97	3589794	198.5	
62 1,2-Dichloropropane	63	7.453	7.453	-0.001	89	1709124	206.5	
65 Dibromomethane	93	7.559	7.559	0.0	92	724277	201.4	
66 1,4-Dioxane	88	7.583	7.583	0.0	95	463067	9954.5	
67 Dichlorobromomethane	83	7.713	7.713	0.0	91	1835347	204.6	
69 2-Chloroethyl vinyl ether	63	7.997	7.997	0.0	90	1115017	404.9	
70 cis-1,3-Dichloropropene	75	8.115	8.115	0.0	84	2033998	202.8	
71 4-Methyl-2-pentanone (MIBK)	43	8.257	8.257	0.0	99	2533577	421.0	
72 Toluene	91	8.411	8.411	0.0	91	6603246	192.5	
73 trans-1,3-Dichloropropene	75	8.600	8.600	0.0	92	1579454	205.1	
74 Ethyl methacrylate	69	8.683	8.683	0.0	92	1139822	202.3	
75 1,1,2-Trichloroethane	97	8.766	8.766	0.0	89	921878	197.7	
77 Tetrachloroethene	164	8.884	8.884	0.0	91	1484602	189.8	
76 1,3-Dichloropropane	76	8.908	8.908	0.0	94	1619828	198.9	
78 2-Hexanone	43	8.979	8.979	0.0	98	1402204	447.6	
79 Chlorodibromomethane	129	9.109	9.109	0.0	88	1233608	200.8	
123 Ethylene Dibromide	107	9.204	9.204	0.0	99	954360	210.3	
82 Chlorobenzene	112	9.618	9.618	0.0	91	4395692	195.3	
83 1,1,1,2-Tetrachloroethane	131	9.689	9.689	0.0	89	1670230	196.7	
84 Ethylbenzene	106	9.713	9.713	0.0	98	2431159	200.3	
10 m-Xylene & p-Xylene	106	9.807	9.807	0.0	99	6038673	405.8	
85 o-Xylene	106	10.150	10.151	0.0	95	3048446	192.0	
86 Styrene	104	10.162	10.162	0.0	95	4504091	221.6	
87 Bromoform	173	10.328	10.328	0.0	98	672219	202.1	
88 Isopropylbenzene	105	10.458	10.458	0.0	96	8563076	199.6	
90 1,1,2,2-Tetrachloroethane	83	10.707	10.707	0.0	84	1185915	217.2	
91 Bromobenzene	156	10.718	10.718	0.0	94	1818475	205.1	
92 1,2,3-Trichloropropane	110	10.742	10.742	0.0	73	356908	196.3	
93 trans-1,4-Dichloro-2-butene	53	10.754	10.754	0.0	53	419227	226.7	
94 N-Propylbenzene	120	10.801	10.801	0.0	97	2283863	213.0	
95 2-Chlorotoluene	126	10.884	10.884	0.0	97	1976546	203.2	
96 1,3,5-Trimethylbenzene	105	10.943	10.943	0.0	94	7235493	212.3	
104 4-Chlorotoluene	126	10.967	10.967	0.0	99	1916783	205.5	
97 tert-Butylbenzene	119	11.227	11.227	0.0	85	6965216	212.7	
98 1,2,4-Trimethylbenzene	105	11.263	11.263	0.0	95	6974339	207.8	
99 sec-Butylbenzene	105	11.417	11.417	0.0	94	9454717	213.5	
100 1,3-Dichlorobenzene	146	11.511	11.511	0.0	97	3728094	193.8	
101 4-Isopropyltoluene	119	11.535	11.535	0.0	93	8238217	213.3	
102 1,4-Dichlorobenzene	146	11.582	11.582	0.0	92	3717462	186.4	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
105 n-Butylbenzene	91	11.878	11.878	0.0	94	6702026	207.1	
106 1,2-Dichlorobenzene	146	11.902	11.902	0.0	96	3445460	185.3	
107 1,2-Dibromo-3-Chloropropane	157	12.552	12.553	-0.001	78	216613	200.4	
108 1,3,5-Trichlorobenzene	180	12.730	12.730	0.0	94	2879013	183.3	
109 1,2,4-Trichlorobenzene	180	13.239	13.239	0.0	94	2385332	181.7	
110 Hexachlorobutadiene	225	13.369	13.369	0.0	95	1301644	181.6	
111 Naphthalene	128	13.440	13.440	0.0	97	4418019	196.2	
112 1,2,3-Trichlorobenzene	180	13.629	13.629	0.0	94	1987368	182.0	
S 137 Trihalomethanes, Total	1				0		804.7	
S 11 1,2-Dichloroethene, Total	96				0		383.5	
S 9 1,3-Dichloropropene, Total	75				0		407.9	
S 114 Xylenes, Total	106				0		597.8	

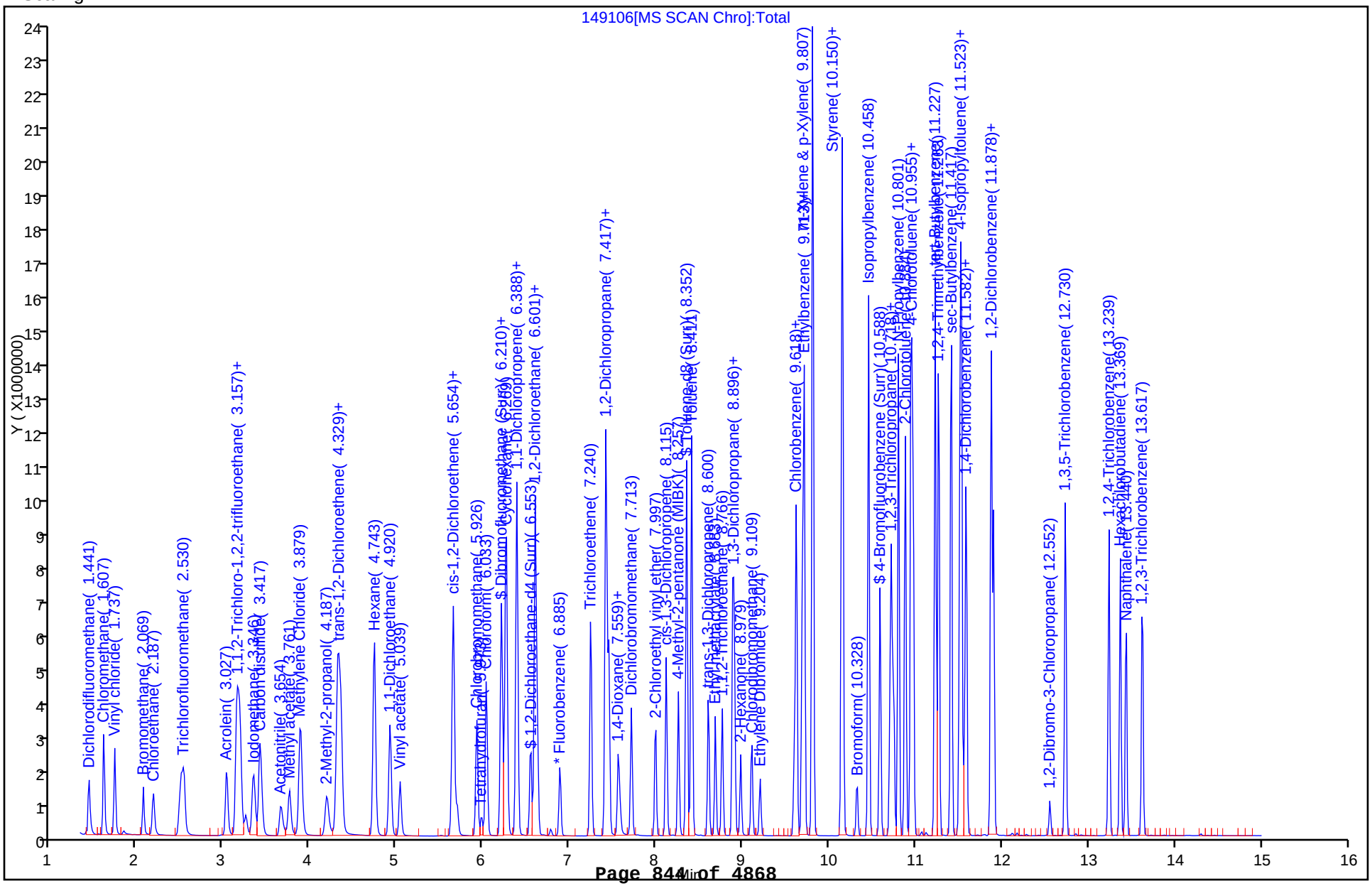
Report Date: 14-Nov-2012 15:22:52 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121113-14916.b\149106.D

Injection Date:	13-Nov-2012 17:15:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	64859	Lims Sample ID:	4
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX14\20121113-14916.b\149107.D
Lims ID: IC 7 Client ID:
Inject. Date: 13-Nov-2012 17:36:30 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 7
Sample ID: ic 7
Misc. Info.: 240-0014916-005 =240-0014916-005
Operator: 002808 Instrument ID: A3UX14
Purge Vol: 5.000 mL ALS Bottle#: 4
Lims Batch ID: 64859 Lims Sample ID: 5
Sublist: chrom-8260_14*sub16
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX14\20121113-14916.b\8260_14.m
Last Update: 14-Nov-2012 15:22:53 Calib Date: 13-Nov-2012 22:59:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX14\20121113-14916.b\149122.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK032

First Level Reviewer: macenczaks Date: 14-Nov-2012 09:23:41

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	1452960	50.0	
* 2 Chlorobenzene-d5	117	9.594	9.594	0.0	98	928539	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.571	11.570	0.001	94	534668	50.0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	74	746711	98.4	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.553	6.541	0.012	96	794798	97.1	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	86	2672083	97.2	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	88	913962	100.2	
12 Dichlorodifluoromethane	85	1.442	1.441	0.001	88	791908	94.8	
13 Chloromethane	50	1.607	1.607	0.0	89	1338903	94.1	
14 Vinyl chloride	62	1.737	1.737	0.0	83	1087283	97.4	
15 Bromomethane	94	2.069	2.069	0.0	91	346587	96.8	
16 Chloroethane	64	2.187	2.187	0.0	94	601594	93.8	
18 Trichlorofluoromethane	101	2.507	2.506	0.001	87	1088102	102.2	
20 Acrolein	56	3.039	3.027	0.012	96	921630	934.2	
21 1,1-Dichloroethene	96	3.157	3.145	0.012	85	840221	100.6	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	3.193	3.181	0.012	81	797347	100.0	
22 Acetone	43	3.252	3.252	0.0	97	426995	202.4	
24 Iodomethane	142	3.347	3.347	0.0	99	1475619	99.2	
26 Carbon disulfide	76	3.418	3.418	0.0	99	2442481	98.9	
27 Acetonitrile	41	3.666	3.666	0.0	99	796014	877.9	
28 Methyl acetate	43	3.761	3.761	0.0	98	1078716	181.4	
30 Methylene Chloride	84	3.891	3.879	0.012	88	886504	101.2	
31 2-Methyl-2-propanol	59	4.187	4.187	0.0	90	789455	1877.4	
32 Acrylonitrile	53	4.305	4.305	0.0	96	515929	183.6	
33 trans-1,2-Dichloroethene	96	4.317	4.317	0.0	88	907001	96.7	
34 Methyl tert-butyl ether	73	4.352	4.352	0.0	87	1876766	99.0	
35 Hexane	86	4.743	4.743	0.0	96	204799	92.8	
36 1,1-Dichloroethane	63	4.920	4.920	0.0	86	1782565	99.2	
37 Vinyl acetate	86	5.039	5.039	0.0	97	76525	95.2	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
43 2,2-Dichloropropane	77	5.642	5.642	0.0	79	644879	106.6	
42 cis-1,2-Dichloroethene	96	5.654	5.654	0.0	77	927391	98.2	
41 2-Butanone (MEK)	43	5.701	5.701	0.0	97	529115	188.9	
47 Chlorobromomethane	128	5.926	5.926	0.0	88	405931	97.7	
48 Tetrahydrofuran	42	5.985	5.985	0.0	90	185076	92.7	
49 Chloroform	83	6.033	6.033	0.0	84	1487549	98.7	
50 1,1,1-Trichloroethane	97	6.210	6.210	0.0	89	1251773	108.1	
51 Cyclohexane	56	6.269	6.257	0.012	94	2344534	99.9	
52 1,1-Dichloropropene	75	6.388	6.388	0.0	83	1162651	100.2	
53 Carbon tetrachloride	117	6.388	6.388	0.0	76	1152166	99.0	
55 Benzene	78	6.601	6.601	0.0	96	3133611	96.8	
56 1,2-Dichloroethane	62	6.624	6.624	0.0	88	1089587	93.9	
60 Trichloroethene	130	7.240	7.240	0.0	91	900868	98.2	
63 Methylcyclohexane	83	7.417	7.417	0.0	98	1813947	101.6	
62 1,2-Dichloropropane	63	7.453	7.453	0.0	88	823444	100.8	
65 Dibromomethane	93	7.559	7.559	0.0	87	351417	99.0	
66 1,4-Dioxane	88	7.583	7.583	0.0	94	219140	4773.1	
67 Dichlorobromomethane	83	7.713	7.713	0.0	91	832249	94.5	
69 2-Chloroethyl vinyl ether	63	7.997	7.997	0.0	89	484654	195.4	
70 cis-1,3-Dichloropropene	75	8.115	8.115	0.0	84	906342	98.4	
71 4-Methyl-2-pentanone (MIBK)	43	8.257	8.257	0.0	99	1136906	198.5	
72 Toluene	91	8.411	8.411	0.0	91	3076276	94.2	
73 trans-1,3-Dichloropropene	75	8.601	8.600	0.0	90	677544	93.0	
74 Ethyl methacrylate	69	8.683	8.683	0.0	92	494988	92.7	
75 1,1,2-Trichloroethane	97	8.766	8.766	0.0	89	425536	95.9	
77 Tetrachloroethene	164	8.884	8.884	0.0	91	697238	93.7	
76 1,3-Dichloropropane	76	8.908	8.908	0.0	94	738571	95.3	
78 2-Hexanone	43	8.979	8.979	0.0	98	587510	197.1	
79 Chlorodibromomethane	129	9.109	9.109	0.0	89	524268	99.0	
123 Ethylene Dibromide	107	9.204	9.204	0.0	99	440371	102.0	
82 Chlorobenzene	112	9.618	9.618	0.0	91	2017592	94.2	
83 1,1,1,2-Tetrachloroethane	131	9.689	9.689	0.0	88	803063	99.7	
84 Ethylbenzene	106	9.713	9.713	0.0	98	1120917	97.0	
10 m-Xylene & p-Xylene	106	9.807	9.807	0.0	98	2795237	197.4	
85 o-Xylene	106	10.151	10.151	0.001	95	1464950	96.9	
86 Styrene	104	10.162	10.162	0.0	94	2032553	105.1	
87 Bromoform	173	10.328	10.328	0.0	97	269265	98.4	
88 Isopropylbenzene	105	10.458	10.458	0.0	96	4083761	100.0	
90 1,1,2,2-Tetrachloroethane	83	10.707	10.707	0.0	85	551393	103.3	
91 Bromobenzene	156	10.719	10.718	0.001	94	841041	97.0	
92 1,2,3-Trichloropropane	110	10.742	10.742	0.0	77	170230	95.7	
93 trans-1,4-Dichloro-2-butene	53	10.754	10.754	0.0	51	175997	97.3	
94 N-Propylbenzene	120	10.801	10.801	0.0	97	1079721	102.9	
95 2-Chlorotoluene	126	10.884	10.884	0.0	97	933447	98.1	
96 1,3,5-Trimethylbenzene	105	10.943	10.943	0.0	94	3474159	104.2	
104 4-Chlorotoluene	126	10.967	10.967	0.0	99	890356	97.6	
97 tert-Butylbenzene	119	11.227	11.227	0.0	85	3402281	106.2	
98 1,2,4-Trimethylbenzene	105	11.263	11.263	0.0	98	3381876	103.0	
99 sec-Butylbenzene	105	11.417	11.417	0.0	94	4592616	106.0	
100 1,3-Dichlorobenzene	146	11.511	11.511	0.0	97	1790188	95.1	
101 4-Isopropyltoluene	119	11.535	11.535	0.0	94	4017166	106.3	
102 1,4-Dichlorobenzene	146	11.582	11.582	0.0	91	1803761	92.5	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
105 n-Butylbenzene	91	11.878	11.878	0.0	94	3273708	103.4	
106 1,2-Dichlorobenzene	146	11.902	11.902	0.0	96	1691360	93.0	
107 1,2-Dibromo-3-Chloropropane	157	12.553	12.553	0.0	79	92168	98.7	
108 1,3,5-Trichlorobenzene	180	12.730	12.730	0.0	94	1413710	92.0	
109 1,2,4-Trichlorobenzene	180	13.239	13.239	0.0	91	1145856	89.2	
110 Hexachlorobutadiene	225	13.369	13.369	0.0	94	638577	91.1	
111 Naphthalene	128	13.440	13.440	0.0	97	2055400	93.3	
112 1,2,3-Trichlorobenzene	180	13.629	13.629	0.0	93	936408	87.7	
S 137 Trihalomethanes, Total	1				0		390.7	
S 11 1,2-Dichloroethene, Total	96				0		194.9	
S 9 1,3-Dichloropropene, Total	75				0		191.5	
S 114 Xylenes, Total	106				0		294.3	

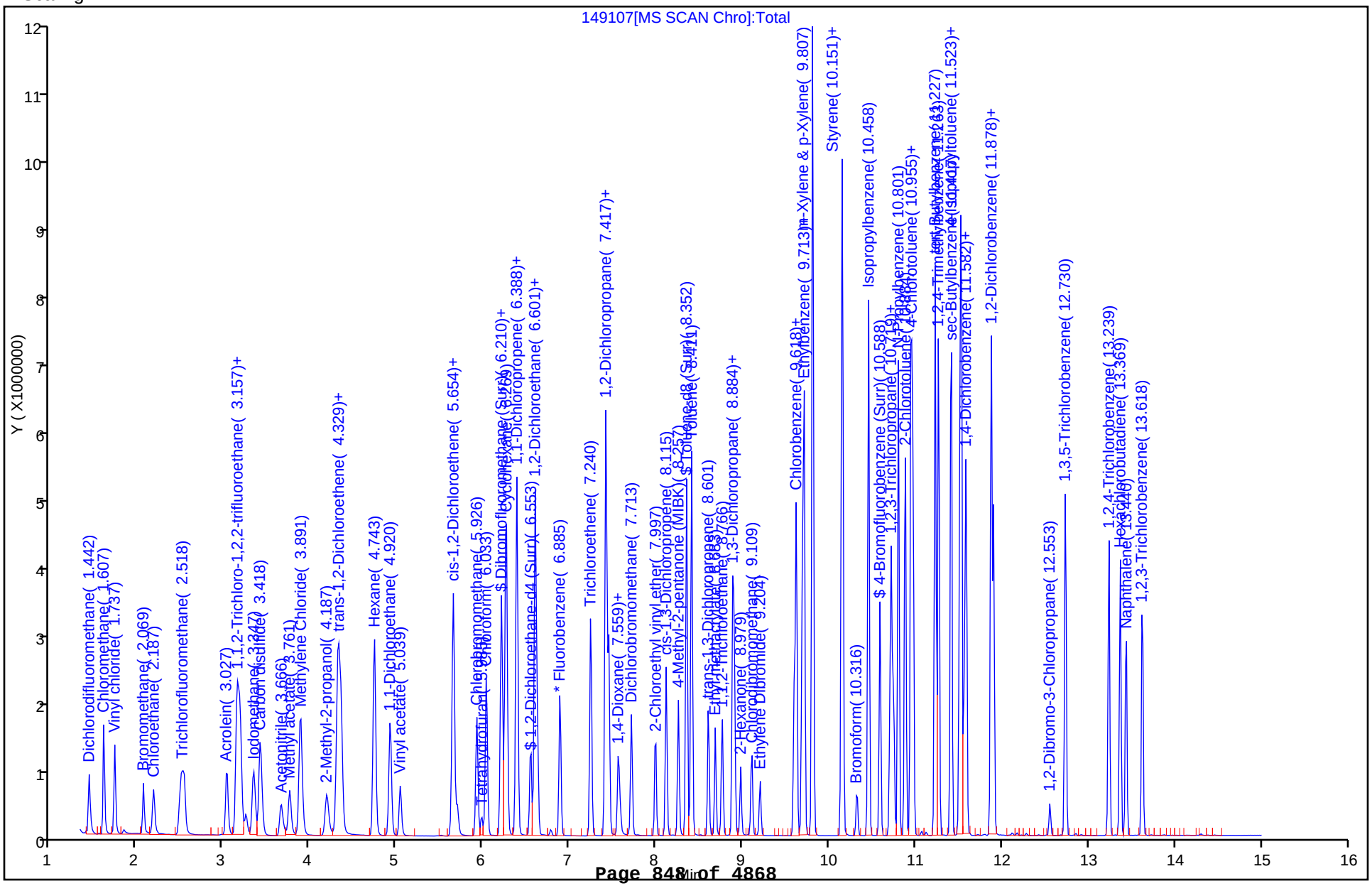
Report Date: 14-Nov-2012 15:22:54 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121113-14916.b\149107.D

Injection Date:	13-Nov-2012 17:36:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	64859	Lims Sample ID:	5
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A3UX14\20121113-14916.b\149108.D		
Lims ID:	ICIS 6	Client ID:	
Inject. Date:	13-Nov-2012 17:58:30	Dil. Factor:	1.0000
Sample Type:	ICIS	Calib Level:	6
Sample ID:	icis 6		
Misc. Info.:	240-0014916-006 =240-0014916-006		
Operator:	002808	Instrument ID:	A3UX14
Purge Vol:	5.000 mL	ALS Bottle#:	5
Lims Batch ID:	64859	Lims Sample ID:	6
Sublist:	chrom-8260_14*sub16		
Detector:	MS SCAN		
Method:	\\NCChrom\ChromData\A3UX14\20121113-14916.b\8260_14.m		
Last Update:	14-Nov-2012 15:22:54	Calib Date:	13-Nov-2012 22:59:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A3UX14\20121113-14916.b\149122.D		
Limit Group:	MSV 8260DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	DB-624	Column Dia:	0.18 mm
Process Host:	XAWRK032		
First Level Reviewer: macenczaks		Date:	14-Nov-2012 09:25:25

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	1409266	50.0	
* 2 Chlorobenzene-d5	117	9.594	9.594	0.0	98	863084	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.570	11.570	0.0	98	502466	50.0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	79	353208	47.5	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.541	6.541	0.0	94	367475	45.6	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	85	1223651	47.3	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	89	405001	48.6	
12 Dichlorodifluoromethane	85	1.441	1.441	0.0	87	417580	51.5	
13 Chloromethane	50	1.607	1.607	0.0	89	702799	50.9	
14 Vinyl chloride	62	1.737	1.737	0.0	84	567761	52.5	
15 Bromomethane	94	2.069	2.069	0.0	91	186493	53.3	
16 Chloroethane	64	2.187	2.187	0.0	94	314365	50.5	
18 Trichlorofluoromethane	101	2.506	2.506	0.0	86	546945	52.9	
20 Acrolein	56	3.027	3.027	0.0	94	478056	499.6	
21 1,1-Dichloroethene	96	3.145	3.145	0.0	85	439870	54.3	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	3.181	3.181	0.0	84	416147	53.8	
22 Acetone	43	3.252	3.252	0.0	97	237740	113.4	
24 Iodomethane	142	3.347	3.347	0.0	99	759159	52.6	
26 Carbon disulfide	76	3.418	3.418	0.0	99	1182385	49.8	
27 Acetonitrile	41	3.666	3.666	0.0	99	431263	490.4	
28 Methyl acetate	43	3.761	3.761	0.0	98	560017	97.1	
30 Methylene Chloride	84	3.879	3.879	0.0	88	479698	53.7	
31 2-Methyl-2-propanol	59	4.187	4.187	0.0	89	422973	1037.1	
32 Acrylonitrile	53	4.305	4.305	0.0	96	269580	98.9	
33 trans-1,2-Dichloroethene	96	4.317	4.317	0.0	89	471393	51.8	
34 Methyl tert-butyl ether	73	4.352	4.352	0.0	95	970973	52.8	
35 Hexane	86	4.743	4.743	0.0	96	101690	47.5	
36 1,1-Dichloroethane	63	4.920	4.920	0.0	86	899255	51.6	
37 Vinyl acetate	86	5.039	5.039	0.0	97	37670	48.6	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
43 2,2-Dichloropropane	77	5.642	5.642	0.0	73	329191	56.1	
42 cis-1,2-Dichloroethene	96	5.654	5.654	0.0	75	470162	51.3	
41 2-Butanone (MEK)	43	5.701	5.701	0.0	97	273345	99.9	
47 Chlorobromomethane	128	5.926	5.926	0.0	89	206291	51.2	
48 Tetrahydrofuran	42	5.985	5.985	0.0	91	103462	53.3	
49 Chloroform	83	6.033	6.033	0.0	85	765651	52.4	
50 1,1,1-Trichloroethane	97	6.210	6.210	0.0	89	632148	56.3	
51 Cyclohexane	56	6.257	6.257	0.0	95	1201508	52.8	
52 1,1-Dichloropropene	75	6.388	6.388	0.0	83	592724	52.6	
53 Carbon tetrachloride	117	6.388	6.388	0.0	76	562495	50.2	
55 Benzene	78	6.601	6.601	0.0	97	1598756	50.9	
56 1,2-Dichloroethane	62	6.624	6.624	0.0	88	561210	49.9	
60 Trichloroethene	130	7.240	7.240	0.0	92	450685	50.7	
63 Methylcyclohexane	83	7.417	7.417	0.0	98	930044	53.7	
62 1,2-Dichloropropane	63	7.453	7.453	0.0	88	409880	51.7	
65 Dibromomethane	93	7.559	7.559	0.0	87	175714	51.0	
66 1,4-Dioxane	88	7.583	7.583	0.0	97	118145	2653.1	
67 Dichlorobromomethane	83	7.713	7.713	0.0	91	390809	46.2	
69 2-Chloroethyl vinyl ether	63	7.997	7.997	0.0	90	234066	102.4	
70 cis-1,3-Dichloropropene	75	8.115	8.115	0.0	84	424347	50.0	
71 4-Methyl-2-pentanone (MIBK)	43	8.257	8.257	0.0	99	576886	108.4	
72 Toluene	91	8.411	8.411	0.0	91	1519658	50.1	
73 trans-1,3-Dichloropropene	75	8.600	8.600	0.0	91	312322	46.7	
74 Ethyl methacrylate	69	8.683	8.683	0.0	93	238209	48.3	
75 1,1,2-Trichloroethane	97	8.766	8.766	0.0	89	213126	51.7	
77 Tetrachloroethene	164	8.884	8.884	0.0	90	347815	50.3	
76 1,3-Dichloropropane	76	8.908	8.908	0.0	94	362321	50.3	
78 2-Hexanone	43	8.979	8.979	0.0	98	286390	103.4	
79 Chlorodibromomethane	129	9.109	9.109	0.0	88	237486	51.3	
123 Ethylene Dibromide	107	9.204	9.204	0.0	98	214868	53.5	
82 Chlorobenzene	112	9.618	9.618	0.0	91	989339	49.7	
83 1,1,1,2-Tetrachloroethane	131	9.689	9.689	0.0	88	400599	53.8	
84 Ethylbenzene	106	9.713	9.713	0.0	98	549095	51.1	
10 m-Xylene & p-Xylene	106	9.807	9.807	0.0	98	1355176	103.0	
85 o-Xylene	106	10.151	10.151	0.0	95	734242	52.3	
86 Styrene	104	10.162	10.162	0.0	94	976030	54.3	
87 Bromoform	173	10.328	10.328	0.0	96	115056	49.9	
88 Isopropylbenzene	105	10.458	10.458	0.0	96	2055730	54.2	
90 1,1,2,2-Tetrachloroethane	83	10.707	10.707	0.0	86	269865	53.8	
91 Bromobenzene	156	10.718	10.718	0.0	94	407997	50.1	
92 1,2,3-Trichloropropane	110	10.742	10.742	0.0	82	83541	50.0	
93 trans-1,4-Dichloro-2-butene	53	10.754	10.754	0.0	56	80147	47.1	
94 N-Propylbenzene	120	10.801	10.801	0.0	97	520989	52.8	
95 2-Chlorotoluene	126	10.884	10.884	0.0	97	464923	52.0	
96 1,3,5-Trimethylbenzene	105	10.943	10.943	0.0	92	1715922	54.8	
104 4-Chlorotoluene	126	10.967	10.967	0.0	98	437183	51.0	
97 tert-Butylbenzene	119	11.227	11.227	0.0	85	1672737	55.6	
98 1,2,4-Trimethylbenzene	105	11.263	11.263	0.0	96	1652909	53.6	
99 sec-Butylbenzene	105	11.417	11.417	0.0	94	2269254	55.7	
100 1,3-Dichlorobenzene	146	11.511	11.511	0.0	91	863253	48.8	
101 4-Isopropyltoluene	119	11.535	11.535	0.0	91	1921354	54.1	
102 1,4-Dichlorobenzene	146	11.582	11.582	0.0	91	862272	47.0	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
105 n-Butylbenzene	91	11.878	11.878	0.0	94	1581880	53.2	
106 1,2-Dichlorobenzene	146	11.902	11.902	0.0	96	828934	48.5	
107 1,2-Dibromo-3-Chloropropane	157	12.553	12.553	0.0	74	42579	51.8	
108 1,3,5-Trichlorobenzene	180	12.730	12.730	0.0	94	693743	48.1	
109 1,2,4-Trichlorobenzene	180	13.239	13.239	0.0	94	556263	46.1	
110 Hexachlorobutadiene	225	13.369	13.369	0.0	94	326640	49.6	
111 Naphthalene	128	13.440	13.440	0.0	97	980976	47.4	
112 1,2,3-Trichlorobenzene	180	13.629	13.629	0.0	94	445774	44.4	
S 137 Trihalomethanes, Total	1				0		199.8	
S 11 1,2-Dichloroethene, Total	96				0		103.2	
S 9 1,3-Dichloropropene, Total	75				0		96.7	
S 114 Xylenes, Total	106				0		155.2	

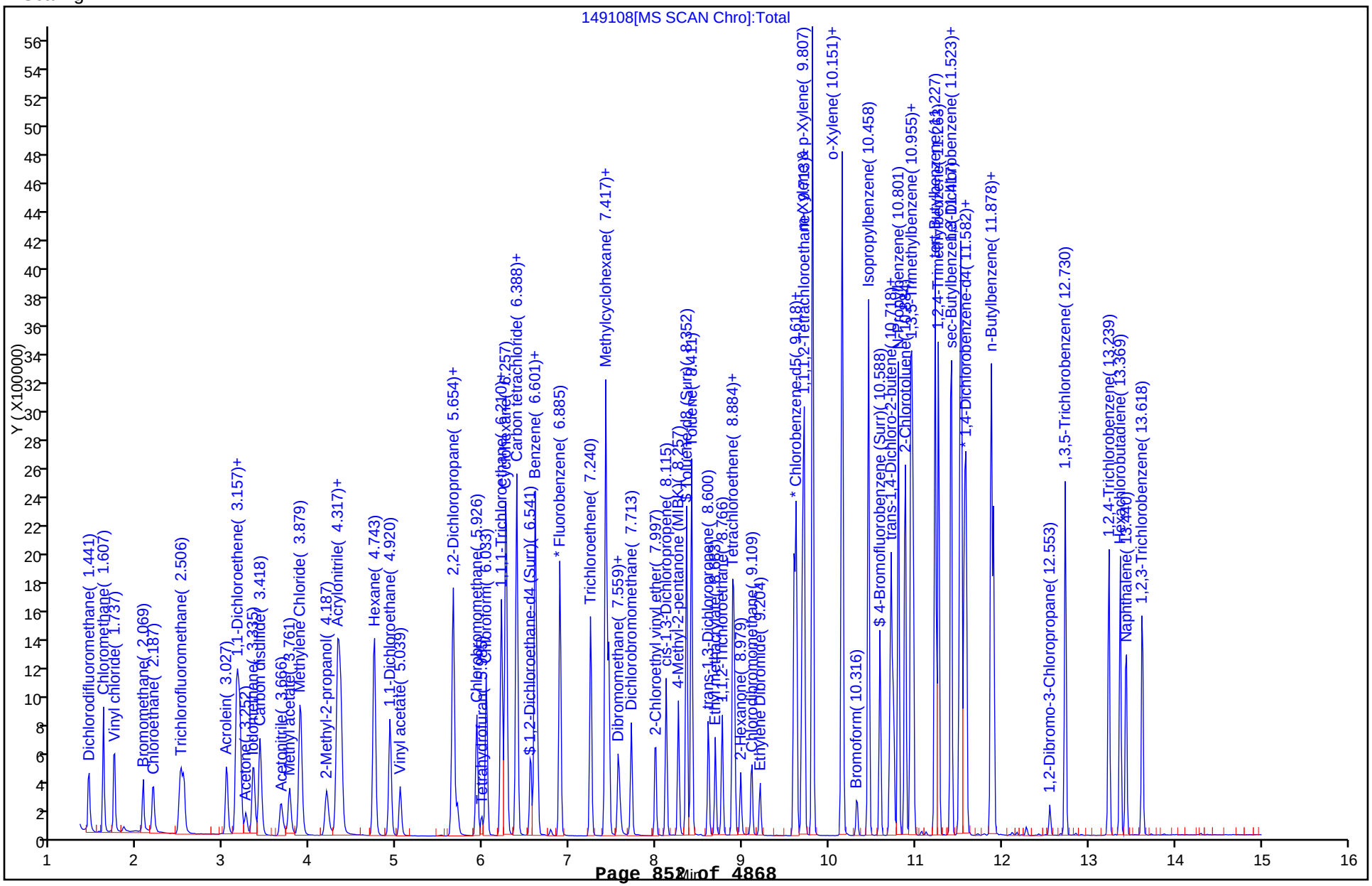
Report Date: 14-Nov-2012 15:22:54 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121113-14916.b\149108.D

Injection Date:	13-Nov-2012 17:58:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	64859	Lims Sample ID:	6
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A3UX14\20121113-14916.b\149109.D		
Lims ID:	IC 5	Client ID:	
Inject. Date:	13-Nov-2012 18:19:30	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	5
Sample ID:	ic 5		
Misc. Info.:	240-0014916-007 =240-0014916-007		
Operator:	002808	Instrument ID:	A3UX14
Purge Vol:	5.000 mL	ALS Bottle#:	6
Lims Batch ID:	64859	Lims Sample ID:	7
Sublist:	chrom-8260_14*sub16		
Detector:	MS SCAN		
Method:	\\NCChrom\ChromData\A3UX14\20121113-14916.b\8260_14.m		
Last Update:	14-Nov-2012 15:22:55	Calib Date:	13-Nov-2012 22:59:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A3UX14\20121113-14916.b\149122.D		
Limit Group:	MSV 8260DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	DB-624	Column Dia:	0.18 mm
Process Host:	XAWRK032		
First Level Reviewer: macenczaks		Date:	14-Nov-2012 09:27:16

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	1320475	50.0	
* 2 Chlorobenzene-d5	117	9.594	9.594	0.0	98	765749	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.570	11.570	0.0	98	456233	50.0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	80	146969	20.6	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.553	6.541	0.012	97	163888	21.0	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	85	489993	20.7	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	88	165025	21.4	
12 Dichlorodifluoromethane	85	1.441	1.441	0.0	87	161720	21.3	
13 Chloromethane	50	1.607	1.607	0.0	89	272081	21.0	
14 Vinyl chloride	62	1.737	1.737	0.0	84	217685	21.5	
15 Bromomethane	94	2.069	2.069	0.0	90	76008	22.7	
16 Chloroethane	64	2.187	2.187	0.0	94	121690	20.9	
18 Trichlorofluoromethane	101	2.506	2.506	0.0	87	210534	21.7	
20 Acrolein	56	3.027	3.027	0.0	95	184449	205.7	
21 1,1-Dichloroethene	96	3.145	3.145	0.0	84	161339	21.3	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	3.181	3.181	0.0	83	160348	22.1	
22 Acetone	43	3.252	3.252	0.0	96	98863	46.7	
24 Iodomethane	142	3.347	3.347	-0.001	99	295018	21.8	
26 Carbon disulfide	76	3.418	3.418	0.0	99	394410	18.2	
27 Acetonitrile	41	3.666	3.666	0.0	99	171666	208.3	
28 Methyl acetate	43	3.761	3.761	0.0	98	220401	40.8	
30 Methylene Chloride	84	3.891	3.879	0.012	89	213373	22.2	
31 2-Methyl-2-propanol	59	4.187	4.187	0.0	88	165099	432.0	
32 Acrylonitrile	53	4.305	4.305	0.0	95	105995	41.5	
33 trans-1,2-Dichloroethene	96	4.317	4.317	0.0	89	181167	21.3	
34 Methyl tert-butyl ether	73	4.352	4.352	0.0	89	371794	21.6	
35 Hexane	86	4.743	4.743	0.0	96	38787	19.3	
36 1,1-Dichloroethane	63	4.920	4.920	0.0	86	345487	21.1	
37 Vinyl acetate	86	5.039	5.039	0.0	97	13557	19.1	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
43 2,2-Dichloropropane	77	5.642	5.642	0.0	74	123818	22.5	
42 cis-1,2-Dichloroethene	96	5.654	5.654	0.0	75	183097	21.3	
41 2-Butanone (MEK)	43	5.701	5.701	0.0	97	102501	39.0	
47 Chlorobromomethane	128	5.926	5.926	0.0	87	81624	21.6	
48 Tetrahydrofuran	42	5.985	5.985	0.0	89	39432	21.4	
49 Chloroform	83	6.033	6.033	0.0	84	289607	21.2	
50 1,1,1-Trichloroethane	97	6.210	6.210	0.0	91	234761	22.3	
51 Cyclohexane	56	6.257	6.257	0.0	95	461930	21.7	
52 1,1-Dichloropropene	75	6.388	6.388	0.0	82	221877	21.0	
53 Carbon tetrachloride	117	6.388	6.388	0.0	72	198439	19.3	
55 Benzene	78	6.601	6.601	0.0	96	612512	20.8	
56 1,2-Dichloroethane	62	6.624	6.624	0.0	88	215440	20.4	
60 Trichloroethene	130	7.240	7.240	0.0	92	170019	20.4	
63 Methylcyclohexane	83	7.417	7.417	0.0	97	354215	21.8	
62 1,2-Dichloropropane	63	7.453	7.453	0.0	87	151736	20.4	
65 Dibromomethane	93	7.559	7.559	0.0	88	66688	20.7	
66 1,4-Dioxane	88	7.583	7.583	0.0	95	44297	1061.6	
67 Dichlorobromomethane	83	7.713	7.713	0.0	90	128819	16.9	
69 2-Chloroethyl vinyl ether	63	7.997	7.997	0.0	88	76766	38.2	
70 cis-1,3-Dichloropropene	75	8.115	8.115	0.0	80	135898	18.7	
71 4-Methyl-2-pentanone (MIBK)	43	8.257	8.257	0.0	99	197223	41.8	
72 Toluene	91	8.411	8.411	0.0	91	559174	20.8	
73 trans-1,3-Dichloropropene	75	8.600	8.600	0.0	90	95928	16.9	
74 Ethyl methacrylate	69	8.683	8.683	0.0	92	77173	18.1	
75 1,1,2-Trichloroethane	97	8.766	8.766	0.0	89	77860	21.3	
77 Tetrachloroethene	164	8.884	8.884	0.0	91	128055	20.9	
76 1,3-Dichloropropane	76	8.908	8.908	0.0	93	131178	20.5	
78 2-Hexanone	43	8.979	8.979	0.0	98	94486	38.4	
79 Chlorodibromomethane	129	9.109	9.109	0.0	86	71189	18.9	
123 Ethylene Dibromide	107	9.204	9.204	0.0	98	76236	21.4	
82 Chlorobenzene	112	9.618	9.618	0.0	89	353351	20.0	
83 1,1,1,2-Tetrachloroethane	131	9.689	9.689	0.0	86	132946	20.5	
84 Ethylbenzene	106	9.713	9.713	0.0	98	196492	20.6	
10 m-Xylene & p-Xylene	106	9.807	9.807	0.0	98	487854	41.8	
85 o-Xylene	106	10.150	10.151	0.0	95	269399	21.6	
86 Styrene	104	10.162	10.162	0.0	93	327115	20.5	
87 Bromoform	173	10.316	10.328	-0.012	94	33753	19.3	
88 Isopropylbenzene	105	10.458	10.458	0.0	96	740744	22.0	
90 1,1,2,2-Tetrachloroethane	83	10.707	10.707	0.0	83	98118	21.5	
91 Bromobenzene	156	10.718	10.718	0.0	93	148810	20.1	
92 1,2,3-Trichloropropane	110	10.742	10.742	0.0	75	30596	20.2	
93 trans-1,4-Dichloro-2-butene	53	10.754	10.754	0.0	49	27326	17.7	
94 N-Propylbenzene	120	10.801	10.801	0.0	97	186998	20.9	
95 2-Chlorotoluene	126	10.884	10.884	0.0	98	172161	21.2	
96 1,3,5-Trimethylbenzene	105	10.943	10.943	0.0	94	619176	21.8	
104 4-Chlorotoluene	126	10.967	10.967	0.0	99	157235	20.2	
97 tert-Butylbenzene	119	11.227	11.227	0.0	91	594629	21.8	
98 1,2,4-Trimethylbenzene	105	11.263	11.263	0.0	96	602151	21.5	
99 sec-Butylbenzene	105	11.417	11.417	0.0	94	807678	21.8	
100 1,3-Dichlorobenzene	146	11.511	11.511	0.0	97	321979	20.1	
101 4-Isopropyltoluene	119	11.535	11.535	0.0	91	715161	22.2	
102 1,4-Dichlorobenzene	146	11.582	11.582	0.0	89	329600	19.8	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
105 n-Butylbenzene	91	11.878	11.878	0.0	94	583487	21.6	
106 1,2-Dichlorobenzene	146	11.902	11.902	0.0	96	319497	20.6	
107 1,2-Dibromo-3-Chloropropane	157	12.553	12.553	-0.001	61	14412	20.5	
108 1,3,5-Trichlorobenzene	180	12.730	12.730	0.0	97	278916	21.3	
109 1,2,4-Trichlorobenzene	180	13.239	13.239	0.0	94	228061	20.8	
110 Hexachlorobutadiene	225	13.369	13.369	0.0	95	133386	22.3	
111 Naphthalene	128	13.440	13.440	0.0	97	388344	20.7	
112 1,2,3-Trichlorobenzene	180	13.629	13.629	0.0	94	188992	20.7	
S 137 Trihalomethanes, Total	1				0		76.2	
S 11 1,2-Dichloroethene, Total	96				0		42.6	
S 9 1,3-Dichloropropene, Total	75				0		35.6	
S 114 Xylenes, Total	106				0		63.4	

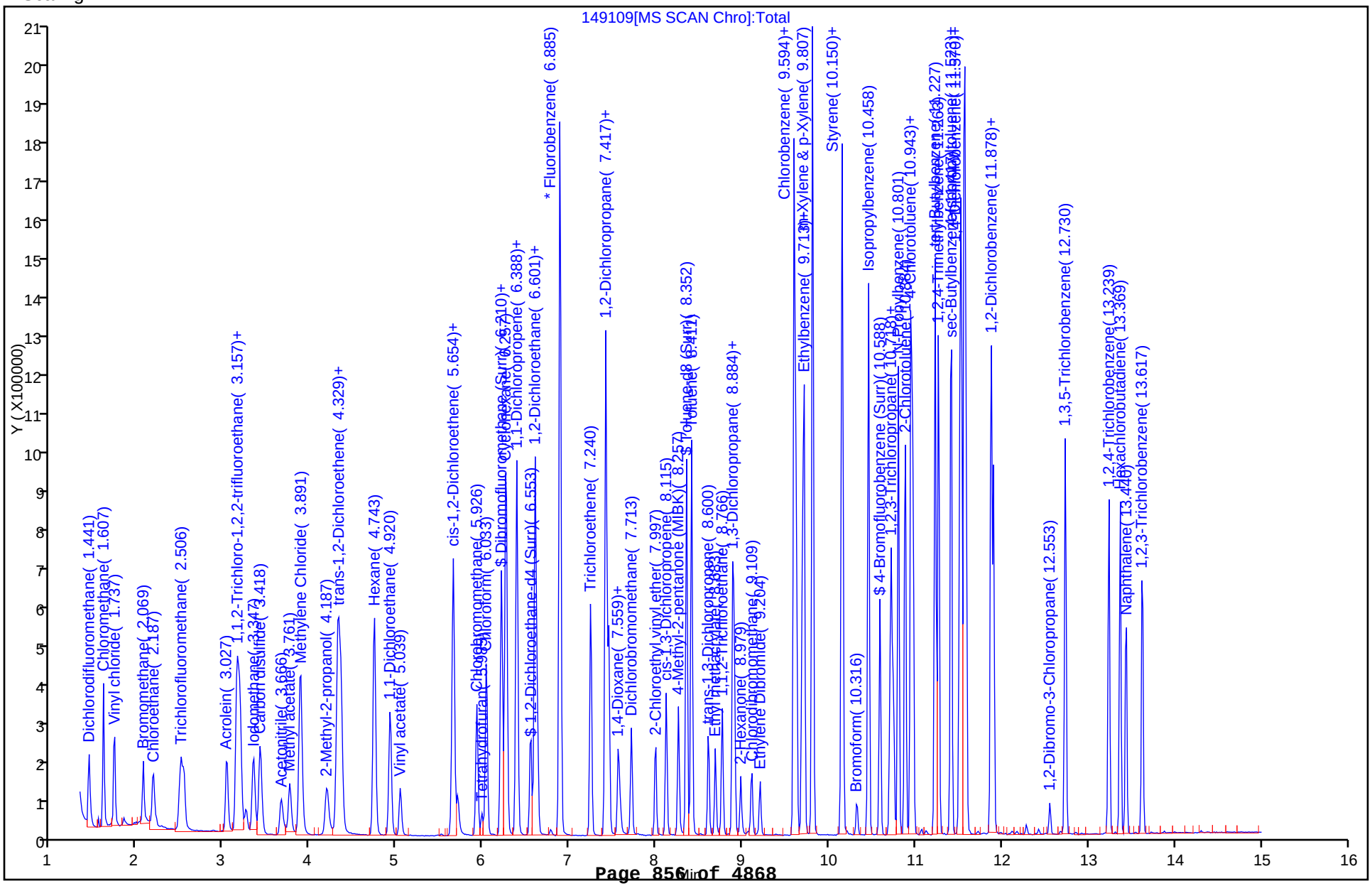
Report Date: 14-Nov-2012 15:22:55 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121113-14916.b\149109.D

Injection Date:	13-Nov-2012 18:19:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	64859	Lims Sample ID:	7
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A3UX14\20121113-14916.b\149110.D		
Lims ID:	IC 4	Client ID:	
Inject. Date:	13-Nov-2012 18:41:30	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	4
Sample ID:	ic 4		
Misc. Info.:	240-0014916-008 =240-0014916-008		
Operator:	002808	Instrument ID:	A3UX14
Purge Vol:	5.000 mL	ALS Bottle#:	7
Lims Batch ID:	64859	Lims Sample ID:	8
Sublist:	chrom-8260_14*sub16		
Detector:	MS SCAN		
Method:	\\NCChrom\ChromData\A3UX14\20121113-14916.b\8260_14.m		
Last Update:	14-Nov-2012 15:22:56	Calib Date:	13-Nov-2012 22:59:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A3UX14\20121113-14916.b\149122.D		
Limit Group:	MSV 8260DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	DB-624	Column Dia:	0.18 mm
Process Host:	XAWRK032		
First Level Reviewer: macenczaks		Date:	14-Nov-2012 09:32:32

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	1357528	50.0	
* 2 Chlorobenzene-d5	117	9.594	9.594	0.0	97	759480	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.570	11.570	0.0	99	463545	50.0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	80	78941	10.3	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.553	6.541	0.012	97	88686	10.4	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	95	261942	10.7	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	88	88484	10.5	
12 Dichlorodifluoromethane	85	1.441	1.441	0.0	86	82511	10.6	
13 Chloromethane	50	1.607	1.607	0.0	89	135262	10.2	
14 Vinyl chloride	62	1.737	1.737	0.0	83	107509	10.3	
15 Bromomethane	94	2.069	2.069	0.0	90	40346	11.2	
16 Chloroethane	64	2.187	2.187	0.0	93	62735	10.5	
18 Trichlorofluoromethane	101	2.506	2.506	0.0	85	104736	10.5	
20 Acrolein	56	3.039	3.027	0.012	95	88115	95.6	
21 1,1-Dichloroethene	96	3.157	3.145	0.012	85	78637	10.1	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	3.181	3.181	0.0	84	76398	10.3	
22 Acetone	43	3.264	3.252	0.012	97	50024	19.6	
24 Iodomethane	142	3.347	3.347	0.0	99	141950	10.2	
26 Carbon disulfide	76	3.418	3.418	0.0	99	176057	8.38	
27 Acetonitrile	41	3.666	3.666	0.0	99	87036	102.7	
28 Methyl acetate	43	3.761	3.761	0.0	98	103288	18.6	
30 Methylene Chloride	84	3.891	3.879	0.012	90	126340	10.1	
31 2-Methyl-2-propanol	59	4.187	4.187	0.0	85	77319	196.8	
32 Acrylonitrile	53	4.305	4.305	0.0	55	49698	18.9	
33 trans-1,2-Dichloroethene	96	4.317	4.317	0.0	89	89048	10.2	
34 Methyl tert-butyl ether	73	4.352	4.352	0.0	87	174321	9.84	
35 Hexane	86	4.743	4.743	0.0	96	20234	9.81	
36 1,1-Dichloroethane	63	4.920	4.920	0.0	86	169195	10.1	
37 Vinyl acetate	86	5.039	5.039	0.0	97	6066	8.64	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
43 2,2-Dichloropropane	77	5.642	5.642	0.0	71	56635	10.0	
42 cis-1,2-Dichloroethene	96	5.654	5.654	0.0	75	90166	10.2	
41 2-Butanone (MEK)	43	5.701	5.701	0.0	95	51145	18.1	
47 Chlorobromomethane	128	5.926	5.926	0.0	87	38873	10.0	
48 Tetrahydrofuran	42	5.985	5.985	0.0	86	17698	9.14	
49 Chloroform	83	6.033	6.033	0.0	85	140994	10.0	
50 1,1,1-Trichloroethane	97	6.210	6.210	0.0	89	108164	10.0	
51 Cyclohexane	56	6.257	6.257	0.0	95	225927	10.3	
52 1,1-Dichloropropene	75	6.388	6.388	0.0	84	111163	10.2	
53 Carbon tetrachloride	117	6.388	6.388	0.0	64	92086	9.07	
55 Benzene	78	6.601	6.601	0.0	97	296845	9.82	
56 1,2-Dichloroethane	62	6.624	6.624	0.0	89	105152	9.70	
60 Trichloroethene	130	7.240	7.240	0.0	92	84617	9.88	
63 Methylcyclohexane	83	7.417	7.417	0.0	97	175167	10.5	
62 1,2-Dichloropropane	63	7.453	7.453	0.0	88	72151	9.46	
65 Dibromomethane	93	7.559	7.559	0.0	91	31991	9.65	
66 1,4-Dioxane	88	7.583	7.583	0.0	92	21934	511.3	
67 Dichlorobromomethane	83	7.713	7.713	0.0	89	58309	7.94	
69 2-Chloroethyl vinyl ether	63	7.997	7.997	0.0	89	34747	18.1	
70 cis-1,3-Dichloropropene	75	8.115	8.115	0.0	81	55239	8.64	
71 4-Methyl-2-pentanone (MIBK)	43	8.257	8.257	0.0	100	88556	18.9	
72 Toluene	91	8.411	8.411	0.0	96	269854	10.1	
73 trans-1,3-Dichloropropene	75	8.600	8.600	0.0	87	38061	7.41	
74 Ethyl methacrylate	69	8.683	8.683	0.0	90	32177	8.04	
75 1,1,2-Trichloroethane	97	8.766	8.766	0.0	90	35558	9.80	
77 Tetrachloroethene	164	8.884	8.884	0.0	90	60520	9.94	
76 1,3-Dichloropropane	76	8.908	8.908	0.0	95	62074	9.79	
78 2-Hexanone	43	8.979	8.979	0.0	96	41139	16.9	
79 Chlorodibromomethane	129	9.109	9.109	0.0	88	28727	8.63	
123 Ethylene Dibromide	107	9.204	9.204	0.0	97	33893	9.59	
82 Chlorobenzene	112	9.618	9.618	0.0	90	169777	9.69	
83 1,1,1,2-Tetrachloroethane	131	9.689	9.689	0.0	84	57173	9.21	
84 Ethylbenzene	106	9.713	9.713	0.0	98	92859	9.83	
10 m-Xylene & p-Xylene	106	9.807	9.807	0.0	98	228784	19.8	
85 o-Xylene	106	10.150	10.151	0.0	95	127375	10.3	
86 Styrene	104	10.162	10.162	0.0	93	148820	9.41	
87 Bromoform	173	10.328	10.328	0.0	96	14126	10.1	
88 Isopropylbenzene	105	10.458	10.458	0.0	96	342974	10.3	
90 1,1,2,2-Tetrachloroethane	83	10.707	10.707	0.0	83	43332	9.36	
91 Bromobenzene	156	10.718	10.718	0.0	93	70715	9.40	
92 1,2,3-Trichloropropane	110	10.742	10.742	0.0	71	14657	9.50	
93 trans-1,4-Dichloro-2-butene	53	10.754	10.754	0.0	47	14248	9.08	
94 N-Propylbenzene	120	10.801	10.801	0.0	97	88635	9.75	
95 2-Chlorotoluene	126	10.884	10.884	0.0	98	81078	9.83	
96 1,3,5-Trimethylbenzene	105	10.943	10.943	0.0	92	286915	9.92	
104 4-Chlorotoluene	126	10.967	10.967	0.0	98	77171	9.76	
97 tert-Butylbenzene	119	11.227	11.227	0.0	85	275197	9.91	
98 1,2,4-Trimethylbenzene	105	11.263	11.263	0.0	97	281537	9.89	
99 sec-Butylbenzene	105	11.417	11.417	0.0	94	385185	10.3	
100 1,3-Dichlorobenzene	146	11.511	11.511	0.0	91	159688	9.79	
101 4-Isopropyltoluene	119	11.535	11.535	0.0	96	330900	10.1	
102 1,4-Dichlorobenzene	146	11.582	11.582	0.0	87	164421	9.72	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
105 n-Butylbenzene	91	11.878	11.878	0.0	94	275970	10.1	
106 1,2-Dichlorobenzene	146	11.902	11.902	0.0	97	159459	10.1	
107 1,2-Dibromo-3-Chloropropane	157	12.553	12.553	0.0	58	5781	8.52	
108 1,3,5-Trichlorobenzene	180	12.730	12.730	0.0	97	142774	10.7	
109 1,2,4-Trichlorobenzene	180	13.239	13.239	0.0	91	115215	10.4	
110 Hexachlorobutadiene	225	13.369	13.369	0.0	93	68886	11.3	
111 Naphthalene	128	13.440	13.440	0.0	97	188376	9.86	
112 1,2,3-Trichlorobenzene	180	13.629	13.629	0.0	95	98772	10.7	
S 137 Trihalomethanes, Total	1				0		36.6	
S 11 1,2-Dichloroethene, Total	96				0		20.4	
S 9 1,3-Dichloropropene, Total	75				0		16.0	
S 114 Xylenes, Total	106				0		30.1	

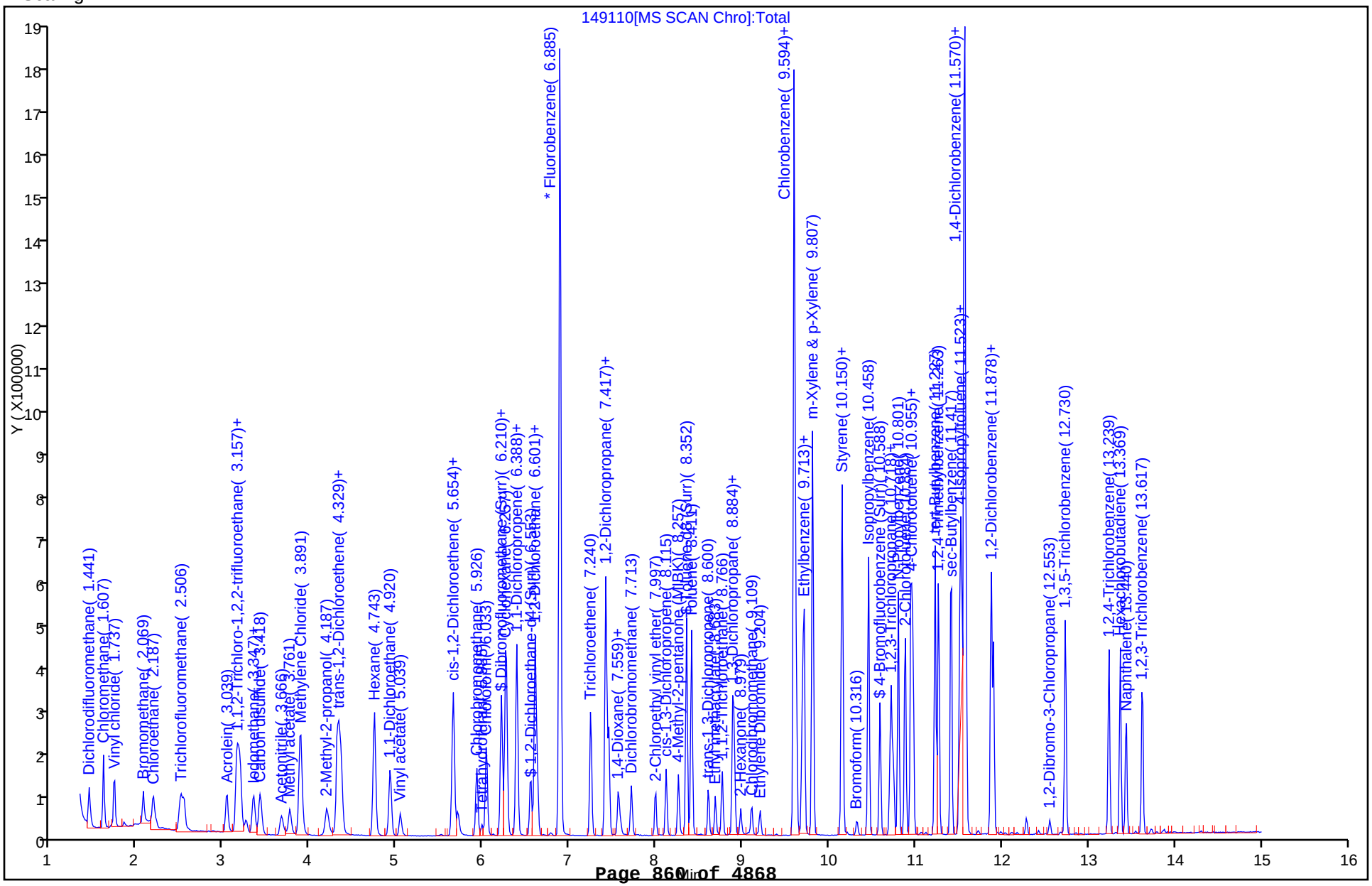
Report Date: 14-Nov-2012 15:22:56 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121113-14916.b\149110.D

Injection Date:	13-Nov-2012 18:41:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	64859	Lims Sample ID:	8
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX14\20121113-14916.b\149111.D
Lims ID: IC 3 Client ID:
Inject. Date: 13-Nov-2012 19:02:30 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 3
Sample ID: ic 3
Misc. Info.: 240-0014916-009 =240-0014916-009
Operator: 002808 Instrument ID: A3UX14
Purge Vol: 5.000 mL ALS Bottle#: 8
Lims Batch ID: 64859 Lims Sample ID: 9
Sublist: chrom-8260_14*sub16
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX14\20121113-14916.b\8260_14.m
Last Update: 14-Nov-2012 15:22:57 Calib Date: 13-Nov-2012 22:59:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX14\20121113-14916.b\149122.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK032

First Level Reviewer: macenczaks Date: 14-Nov-2012 09:31:20

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	1369758	50.0	
* 2 Chlorobenzene-d5	117	9.594	9.594	0.0	97	769298	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.571	11.570	0.001	99	475963	50.0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	78	43376	5.22	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.542	6.541	0.001	93	51229	5.37	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	94	144345	5.28	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	88	50923	5.05	
12 Dichlorodifluoromethane	85	1.442	1.441	0.001	86	43671	5.55	
13 Chloromethane	50	1.607	1.607	0.0	89	71181	5.30	
14 Vinyl chloride	62	1.726	1.737	-0.011	83	57964	5.51	
15 Bromomethane	94	2.069	2.069	0.0	88	21694	5.55	
16 Chloroethane	64	2.187	2.187	0.0	92	33147	5.48	
18 Trichlorofluoromethane	101	2.507	2.506	0.001	83	52063	5.19	
20 Acrolein	56	3.027	3.027	0.0	93	49585	53.3	
21 1,1-Dichloroethene	96	3.157	3.145	0.012	87	39983	5.08	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	3.181	3.181	0.0	82	40163	5.34	
22 Acetone	43	3.252	3.252	0.0	97	31391	9.72	
24 Iodomethane	142	3.335	3.347	-0.012	100	72265	5.15	
26 Carbon disulfide	76	3.418	3.418	0.0	99	84572	4.41	
27 Acetonitrile	41	3.666	3.666	0.0	98	46125	54.0	
28 Methyl acetate	43	3.761	3.761	0.0	97	58662	10.5	
30 Methylene Chloride	84	3.879	3.879	0.0	89	93360	5.74	
31 2-Methyl-2-propanol	59	4.187	4.187	0.0	83	39940	100.8	
32 Acrylonitrile	53	4.305	4.305	0.0	92	27199	10.3	
33 trans-1,2-Dichloroethene	96	4.317	4.317	0.0	90	47533	5.38	
34 Methyl tert-butyl ether	73	4.352	4.352	0.0	88	92686	5.18	
35 Hexane	86	4.743	4.743	0.0	96	11588	5.57	
36 1,1-Dichloroethane	63	4.920	4.920	0.0	85	87326	5.15	
37 Vinyl acetate	86	5.039	5.039	0.0	97	3079	4.65	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
43 2,2-Dichloropropane	77	5.642	5.642	0.0	63	28180	4.94	
42 cis-1,2-Dichloroethene	96	5.654	5.654	0.0	75	47449	5.33	
41 2-Butanone (MEK)	43	5.701	5.701	0.0	89	30894	10.2	
47 Chlorobromomethane	128	5.926	5.926	0.0	87	20994	5.36	
48 Tetrahydrofuran	42	5.985	5.985	0.0	87	10974	5.46	
49 Chloroform	83	6.033	6.033	0.0	84	72826	5.13	
50 1,1,1-Trichloroethane	97	6.210	6.210	0.0	88	52558	4.82	
51 Cyclohexane	56	6.258	6.257	0.001	96	117550	5.32	
52 1,1-Dichloropropene	75	6.388	6.388	0.0	83	59199	5.41	
53 Carbon tetrachloride	117	6.388	6.388	0.0	58	43488	4.60	
55 Benzene	78	6.601	6.601	0.0	97	160862	5.27	
56 1,2-Dichloroethane	62	6.624	6.624	0.0	87	54823	5.01	
60 Trichloroethene	130	7.240	7.240	0.0	92	44946	5.20	
63 Methylcyclohexane	83	7.417	7.417	0.0	97	88044	5.23	
62 1,2-Dichloropropane	63	7.453	7.453	0.0	88	38810	5.04	
65 Dibromomethane	93	7.559	7.559	0.0	89	15838	4.73	
66 1,4-Dioxane	88	7.583	7.583	0.0	93	11737	271.2	
67 Dichlorobromomethane	83	7.713	7.713	0.0	88	28387	4.30	
69 2-Chloroethyl vinyl ether	63	7.997	7.997	0.0	89	18171	10.4	
70 cis-1,3-Dichloropropene	75	8.115	8.115	0.0	74	27402	5.26	
71 4-Methyl-2-pentanone (MIBK)	43	8.257	8.257	0.0	98	44863	9.45	
72 Toluene	91	8.411	8.411	0.0	91	137151	5.07	
73 trans-1,3-Dichloropropene	75	8.600	8.600	0.0	89	18422	4.11	
74 Ethyl methacrylate	69	8.683	8.683	0.0	87	15305	4.17	
75 1,1,2-Trichloroethane	97	8.766	8.766	0.0	94	17884	4.87	
77 Tetrachloroethene	164	8.884	8.884	0.0	90	33251	5.39	
76 1,3-Dichloropropane	76	8.908	8.908	0.0	92	31225	4.86	
78 2-Hexanone	43	8.979	8.979	0.0	92	22515	9.12	
79 Chlorodibromomethane	129	9.109	9.109	0.0	82	13929	4.92	
123 Ethylene Dibromide	107	9.204	9.204	0.0	91	17983	5.03	
82 Chlorobenzene	112	9.618	9.618	0.0	87	88779	5.00	
83 1,1,1,2-Tetrachloroethane	131	9.689	9.689	0.0	81	26175	4.48	
84 Ethylbenzene	106	9.713	9.713	0.0	98	48151	5.03	
10 m-Xylene & p-Xylene	106	9.807	9.807	0.0	97	117908	10.1	
85 o-Xylene	106	10.151	10.151	0.001	94	64060	5.12	
86 Styrene	104	10.162	10.162	0.0	93	75133	4.69	
87 Bromoform	173	10.328	10.328	0.0	86	6385	6.25	
88 Isopropylbenzene	105	10.458	10.458	0.0	96	172097	5.09	
90 1,1,2,2-Tetrachloroethane	83	10.707	10.707	0.0	86	21908	4.61	
91 Bromobenzene	156	10.719	10.718	0.001	96	38695	5.01	
92 1,2,3-Trichloropropane	110	10.742	10.742	0.0	71	8200	5.18	
93 trans-1,4-Dichloro-2-butene	53	10.754	10.754	0.0	46	6839	4.25	
94 N-Propylbenzene	120	10.801	10.801	0.0	97	46113	4.94	
95 2-Chlorotoluene	126	10.884	10.884	0.0	97	42265	4.99	
96 1,3,5-Trimethylbenzene	105	10.943	10.943	0.0	92	144431	4.87	
104 4-Chlorotoluene	126	10.967	10.967	0.0	98	40495	4.99	
97 tert-Butylbenzene	119	11.227	11.227	0.0	90	140155	4.92	
98 1,2,4-Trimethylbenzene	105	11.263	11.263	0.0	96	138620	4.74	
99 sec-Butylbenzene	105	11.417	11.417	0.0	94	190752	4.95	
100 1,3-Dichlorobenzene	146	11.511	11.511	0.0	96	84949	5.07	
101 4-Isopropyltoluene	119	11.535	11.535	0.0	84	162428	4.83	
102 1,4-Dichlorobenzene	146	11.582	11.582	0.0	78	89135	5.13	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
105 n-Butylbenzene	91	11.878	11.878	0.0	93	139689	4.96	
106 1,2-Dichlorobenzene	146	11.902	11.902	0.0	96	82976	5.13	
107 1,2-Dibromo-3-Chloropropane	157	12.553	12.553	0.0	46	3014	4.60	
108 1,3,5-Trichlorobenzene	180	12.730	12.730	0.0	94	73328	5.36	
109 1,2,4-Trichlorobenzene	180	13.239	13.239	0.0	93	61330	5.37	
110 Hexachlorobutadiene	225	13.369	13.369	0.0	92	36068	5.78	
111 Naphthalene	128	13.440	13.440	0.0	97	96720	4.93	
112 1,2,3-Trichlorobenzene	180	13.629	13.629	0.0	95	51672	5.43	
S 137 Trihalomethanes, Total	1				0		20.6	
S 11 1,2-Dichloroethene, Total	96				0		10.7	
S 9 1,3-Dichloropropene, Total	75				0		9.37	
S 114 Xylenes, Total	106				0		15.2	

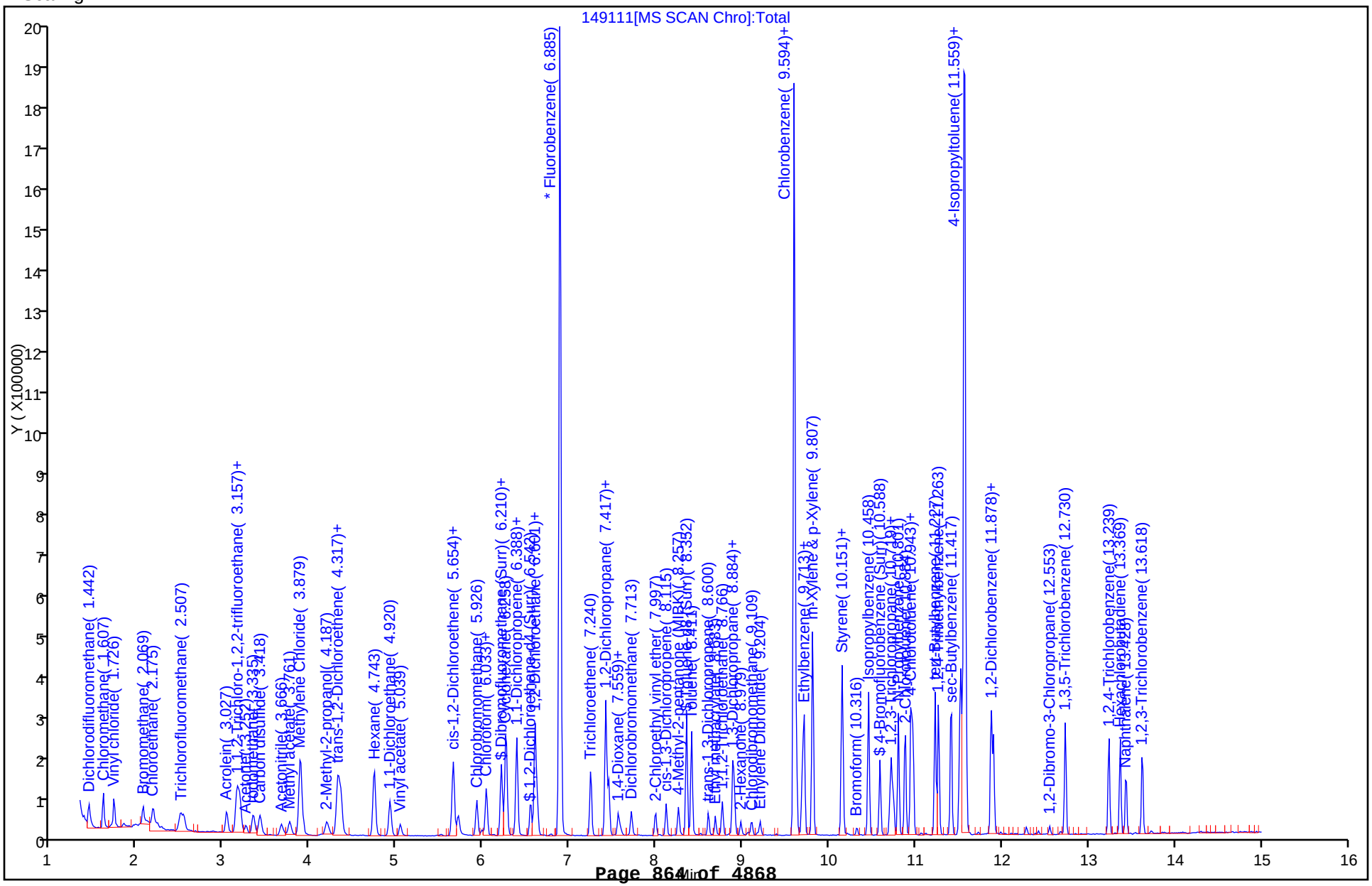
Report Date: 14-Nov-2012 15:22:57 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121113-14916.b\149111.D

Injection Date:	13-Nov-2012 19:02:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	64859	Lims Sample ID:	9
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX14\20121113-14916.b\149112.D
Lims ID: IC 2 Client ID:
Inject. Date: 13-Nov-2012 19:24:30 Dil. Factor: 1.0000
Sample Type: IC Calib Level: 2
Sample ID: ic 2
Misc. Info.: 240-0014916-010 =240-0014916-010
Operator: 002808 Instrument ID: A3UX14
Purge Vol: 5.000 mL ALS Bottle#: 9
Lims Batch ID: 64859 Lims Sample ID: 10
Sublist: chrom-8260_14*sub16
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX14\20121113-14916.b\8260_14.m
Last Update: 14-Nov-2012 15:22:58 Calib Date: 13-Nov-2012 22:59:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX14\20121113-14916.b\149122.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK032

First Level Reviewer: macenczaks Date: 14-Nov-2012 09:30:23

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	1343660	50.0	
* 2 Chlorobenzene-d5	117	9.595	9.594	0.0	98	759811	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.571	11.570	0.001	99	454007	50.0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	67	21293	2.17	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.542	6.541	0.001	94	25772	2.09	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	94	70397	2.04	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	87	26365	1.86	
12 Dichlorodifluoromethane	85	1.430	1.441	-0.011	83	14492	1.88	
13 Chloromethane	50	1.607	1.607	0.0	89	27370	2.08	
14 Vinyl chloride	62	1.726	1.737	-0.011	83	19480	1.89	
15 Bromomethane	94	2.057	2.069	-0.012	91	8277	1.59	
16 Chloroethane	64	2.175	2.187	-0.012	91	11870	2.00	
18 Trichlorofluoromethane	101	2.495	2.506	-0.011	78	16496	1.67	
20 Acrolein	56	3.027	3.027	0.0	91	19105	20.9	
21 1,1-Dichloroethene	96	3.146	3.145	0.001	83	14243	1.84	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	3.181	3.181	0.0	87	14057	1.91	
22 Acetone	43	3.252	3.252	0.0	94	22148	5.14	
24 Iodomethane	142	3.335	3.347	-0.012	98	26435	1.92	
26 Carbon disulfide	76	3.418	3.418	0.0	98	27388	2.00	
27 Acetonitrile	41	3.666	3.666	0.0	98	20232	24.1	
28 Methyl acetate	43	3.761	3.761	0.0	97	23602	4.29	
30 Methylene Chloride	84	3.879	3.879	0.0	88	65129	2.27	
31 2-Methyl-2-propanol	59	4.187	4.187	0.0	80	15618	40.2	
32 Acrylonitrile	53	4.305	4.305	0.0	92	11229	4.32	
33 trans-1,2-Dichloroethene	96	4.317	4.317	0.0	88	17525	2.02	
34 Methyl tert-butyl ether	73	4.353	4.352	0.001	83	34001	1.94	
35 Hexane	86	4.743	4.743	0.0	94	4159	2.04	
36 1,1-Dichloroethane	63	4.921	4.920	0.0	82	31317	1.88	
37 Vinyl acetate	86	5.039	5.039	0.0	98	1280	2.33	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
43 2,2-Dichloropropane	77	5.642	5.642	0.0	58	10027	1.79	
42 cis-1,2-Dichloroethene	96	5.654	5.654	0.0	75	16683	1.91	
41 2-Butanone (MEK)	43	5.701	5.701	0.0	45	14939	4.26	
47 Chlorobromomethane	128	5.926	5.926	0.0	85	7241	1.89	
48 Tetrahydrofuran	42	5.985	5.985	0.0	74	3649	1.59	
49 Chloroform	83	6.033	6.033	0.0	82	26809	1.92	
50 1,1,1-Trichloroethane	97	6.210	6.210	0.0	78	17843	1.67	
51 Cyclohexane	56	6.258	6.257	0.001	97	39484	1.82	
52 1,1-Dichloropropene	75	6.388	6.388	0.0	81	18859	1.76	
53 Carbon tetrachloride	117	6.388	6.388	0.0	65	14343	1.98	
55 Benzene	78	6.601	6.601	0.0	96	58561	1.96	
56 1,2-Dichloroethane	62	6.624	6.624	0.0	94	21751	2.03	
60 Trichloroethene	130	7.240	7.240	0.0	87	16566	1.95	
63 Methylcyclohexane	83	7.417	7.417	0.0	94	27625	1.67	
62 1,2-Dichloropropane	63	7.453	7.453	0.0	81	13836	1.83	
65 Dibromomethane	93	7.559	7.559	0.0	85	6443	1.96	
66 1,4-Dioxane	88	7.583	7.583	0.0	90	3980	93.7	
67 Dichlorobromomethane	83	7.713	7.713	0.0	85	9759	2.10	
69 2-Chloroethyl vinyl ether	63	7.997	7.997	0.0	83	6345	5.03	
70 cis-1,3-Dichloropropene	75	8.115	8.115	0.0	70	9137	3.10	
71 4-Methyl-2-pentanone (MIBK)	43	8.257	8.257	0.0	94	16736	3.57	
72 Toluene	91	8.411	8.411	0.0	95	53025	1.99	
73 trans-1,3-Dichloropropene	75	8.601	8.600	0.001	77	6269	2.13	
74 Ethyl methacrylate	69	8.683	8.683	0.0	80	6210	2.15	
75 1,1,2-Trichloroethane	97	8.766	8.766	0.0	86	6770	1.86	
77 Tetrachloroethene	164	8.885	8.884	0.001	88	11858	1.95	
76 1,3-Dichloropropane	76	8.908	8.908	0.0	87	12713	2.00	
78 2-Hexanone	43	8.979	8.979	0.0	91	8731	3.58	
79 Chlorodibromomethane	129	9.109	9.109	0.0	57	4983	2.74	
123 Ethylene Dibromide	107	9.204	9.204	0.0	87	6136	1.74	
82 Chlorobenzene	112	9.618	9.618	0.0	87	36855	2.10	
83 1,1,1,2-Tetrachloroethane	131	9.689	9.689	0.0	76	8935	1.93	
84 Ethylbenzene	106	9.713	9.713	0.0	97	18275	1.93	
10 m-Xylene & p-Xylene	106	9.808	9.807	0.001	98	42642	3.68	
85 o-Xylene	106	10.151	10.151	0.001	93	24817	2.01	
86 Styrene	104	10.162	10.162	0.0	90	26907	1.70	
87 Bromoform	173	10.316	10.328	-0.012	73	2141	4.20	
88 Isopropylbenzene	105	10.458	10.458	0.0	97	59507	1.78	
90 1,1,2,2-Tetrachloroethane	83	10.707	10.707	0.0	79	7468	1.65	
91 Bromobenzene	156	10.719	10.718	0.001	90	13903	1.89	
92 1,2,3-Trichloropropane	110	10.742	10.742	0.0	67	2942	1.95	
93 trans-1,4-Dichloro-2-butene	53	10.754	10.754	0.0	32	2744	1.79	
94 N-Propylbenzene	120	10.801	10.801	0.0	98	15593	1.75	
95 2-Chlorotoluene	126	10.884	10.884	0.0	95	14742	1.82	
96 1,3,5-Trimethylbenzene	105	10.943	10.943	0.0	89	47056	1.66	
104 4-Chlorotoluene	126	10.967	10.967	0.0	98	14041	1.81	
97 tert-Butylbenzene	119	11.227	11.227	0.0	88	44793	1.65	
98 1,2,4-Trimethylbenzene	105	11.263	11.263	0.0	95	50292	1.80	
99 sec-Butylbenzene	105	11.417	11.417	0.0	93	59906	1.63	
100 1,3-Dichlorobenzene	146	11.511	11.511	0.0	94	32906	2.06	
101 4-Isopropyltoluene	119	11.535	11.535	0.0	82	52909	1.65	
102 1,4-Dichlorobenzene	146	11.582	11.582	0.0	77	36251	2.19	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
105 n-Butylbenzene	91	11.878	11.878	0.0	95	47240	1.76	
106 1,2-Dichlorobenzene	146	11.902	11.902	0.0	94	32668	2.12	
107 1,2-Dibromo-3-Chloropropane	157	12.553	12.553	0.0	31	1114	2.09	
108 1,3,5-Trichlorobenzene	180	12.730	12.730	0.0	96	26968	2.07	
109 1,2,4-Trichlorobenzene	180	13.239	13.239	0.0	93	22983	2.11	
110 Hexachlorobutadiene	225	13.369	13.369	0.0	90	10991	1.85	
111 Naphthalene	128	13.440	13.440	0.0	95	39563	2.11	
112 1,2,3-Trichlorobenzene	180	13.630	13.629	0.001	94	20191	2.23	
S 137 Trihalomethanes, Total	1				0		11.0	
S 11 1,2-Dichloroethene, Total	96				0		3.93	
S 9 1,3-Dichloropropene, Total	75				0		5.23	
S 114 Xylenes, Total	106				0		5.69	

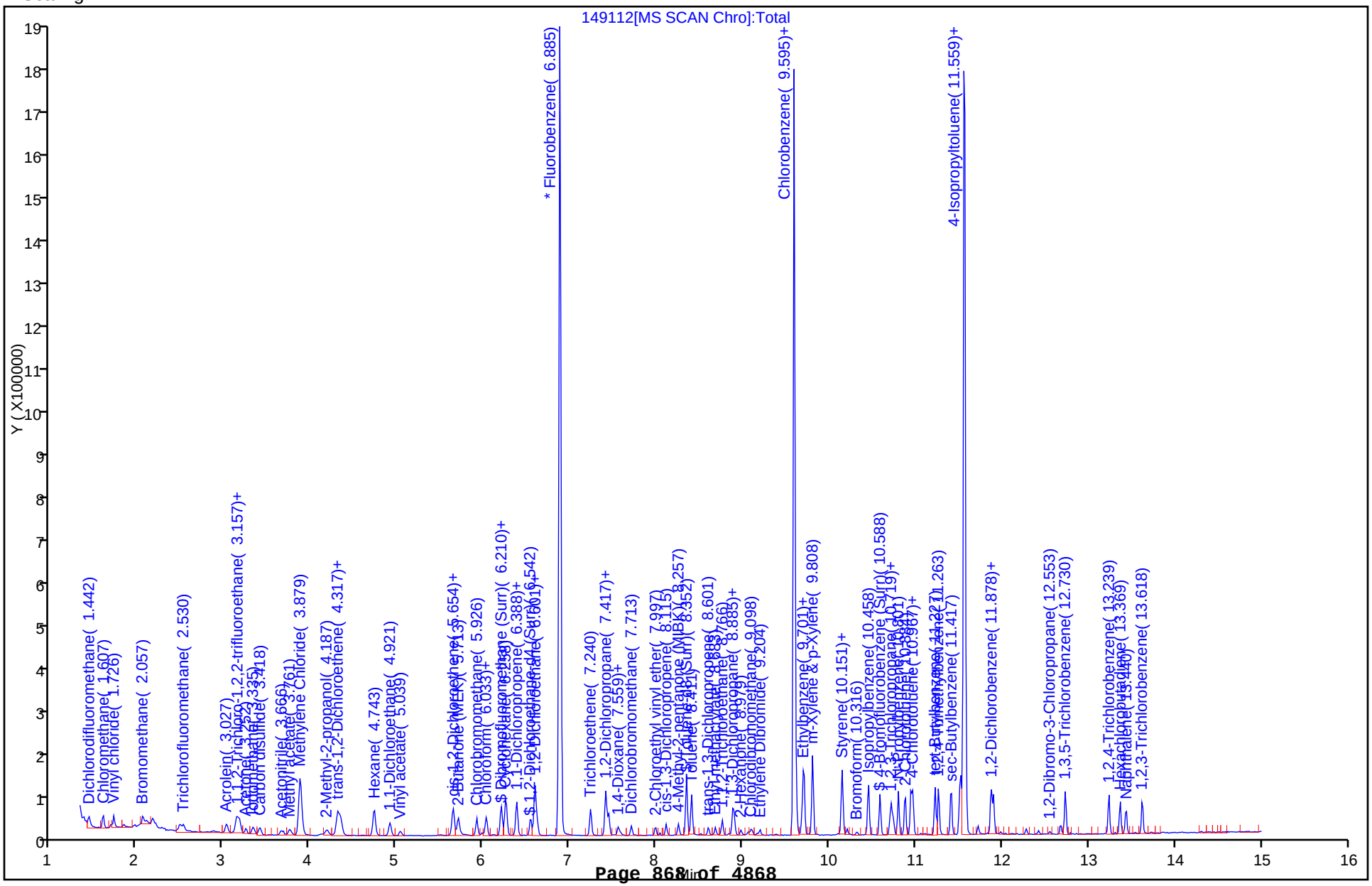
Report Date: 14-Nov-2012 15:22:58 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121113-14916.b\149112.D

Injection Date:	13-Nov-2012 19:24:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	64859	Lims Sample ID:	10
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A3UX14\20121113-14916.b\149113.D		
Lims ID:	IC 1	Client ID:	
Inject. Date:	13-Nov-2012 19:45:30	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	1
Sample ID:	ic 1		
Misc. Info.:	240-0014916-011 =240-0014916-011		
Operator:	002808	Instrument ID:	A3UX14
Purge Vol:	5.000 mL	ALS Bottle#:	10
Lims Batch ID:	64859	Lims Sample ID:	11
Sublist:	chrom-8260_14*sub16		
Detector:	MS SCAN		
Method:	\\NCChrom\ChromData\A3UX14\20121113-14916.b\8260_14.m		
Last Update:	14-Nov-2012 15:22:59	Calib Date:	13-Nov-2012 22:59:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A3UX14\20121113-14916.b\149122.D		
Limit Group:	MSV 8260DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	DB-624	Column Dia:	0.18 mm
Process Host:	XAWRK032		

First Level Reviewer: macenczaks Date: 14-Nov-2012 09:28:56

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	1421674	50.0	
* 2 Chlorobenzene-d5	117	9.594	9.594	0.0	97	822115	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.570	11.570	0.0	99	482747	50.0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	49	12918	0.8594	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.541	6.541	0.0	97	17695	0.8819	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	91	48420	0.8852	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	85	16351	0.2673	
12 Dichlorodifluoromethane	85	1.441	1.441	0.0	82	7516	0.9196	
13 Chloromethane	50	1.607	1.607	0.0	88	14646	1.05	
14 Vinyl chloride	62	1.725	1.737	-0.012	78	9867	0.9036	
15 Bromomethane	94	2.069	2.069	0.0	87	6112	0.8253	
16 Chloroethane	64	2.187	2.187	0.0	80	6364	1.01	
18 Trichlorofluoromethane	101	2.495	2.506	-0.011	66	8449	0.8107	
20 Acrolein	56	3.027	3.027	0.0	97	10367	10.7	
21 1,1-Dichloroethene	96	3.145	3.145	0.0	81	7569	0.9261	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	3.193	3.181	0.012	65	6252	0.8011	
22 Acetone	43	3.252	3.252	0.0	96	15114	0.9809	
24 Iodomethane	142	3.347	3.347	-0.001	99	13022	0.8946	
26 Carbon disulfide	76	3.418	3.418	0.0	89	13442	1.36	
27 Acetonitrile	41	3.666	3.666	0.0	94	9385	10.6	
28 Methyl acetate	43	3.761	3.761	0.0	88	14079	2.42	
30 Methylene Chloride	84	3.879	3.879	0.0	87	54970	0.5435	
31 2-Methyl-2-propanol	59	4.187	4.187	0.0	81	8325	20.2	
32 Acrylonitrile	53	4.293	4.305	-0.012	81	6401	2.33	
33 trans-1,2-Dichloroethene	96	4.317	4.317	0.0	89	8450	0.9209	
34 Methyl tert-butyl ether	73	4.352	4.352	0.0	77	16031	0.8638	
35 Hexane	86	4.743	4.743	0.0	94	2602	1.20	
36 1,1-Dichloroethane	63	4.920	4.920	0.0	86	16970	0.9647	
37 Vinyl acetate	86	5.050	5.039	0.011	95	403	1.13	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
43 2,2-Dichloropropane	77	5.654	5.642	0.012	39	4575	0.7731	
42 cis-1,2-Dichloroethene	96	5.654	5.654	0.0	64	8880	0.9613	
41 2-Butanone (MEK)	43	5.701	5.701	0.0	38	9988	2.11	
47 Chlorobromomethane	128	5.926	5.926	0.0	79	3854	0.9483	
48 Tetrahydrofuran	42	5.985	5.985	0.0	82	2940	1.12	
49 Chloroform	83	6.033	6.033	0.0	79	13739	0.9320	
50 1,1,1-Trichloroethane	97	6.210	6.210	0.0	58	8081	0.7133	
51 Cyclohexane	56	6.257	6.257	0.0	94	20040	0.8730	
52 1,1-Dichloropropene	75	6.388	6.388	0.0	79	9957	0.8766	
53 Carbon tetrachloride	117	6.388	6.388	0.0	67	6386	1.21	
55 Benzene	78	6.601	6.601	0.0	94	31342	0.9900	
56 1,2-Dichloroethane	62	6.624	6.624	0.0	92	12816	1.13	
60 Trichloroethene	130	7.240	7.240	0.0	85	8563	0.9544	
63 Methylcyclohexane	83	7.417	7.417	0.0	95	15420	0.8831	
62 1,2-Dichloropropane	63	7.453	7.453	0.0	81	7874	0.9854	
65 Dibromomethane	93	7.559	7.559	0.0	82	3639	1.05	
66 1,4-Dioxane	88	7.595	7.583	0.012	67	1977	44.0	
67 Dichlorobromomethane	83	7.713	7.713	0.0	79	5217	1.52	
69 2-Chloroethyl vinyl ether	63	7.997	7.997	0.0	78	4368	3.98	
70 cis-1,3-Dichloropropene	75	8.115	8.115	0.0	61	5140	2.58	
71 4-Methyl-2-pentanone (MIBK)	43	8.257	8.257	0.0	82	9717	1.92	
72 Toluene	91	8.411	8.411	0.0	94	30130	1.04	
73 trans-1,3-Dichloropropene	75	8.600	8.600	0.0	60	3281	1.59	
74 Ethyl methacrylate	69	8.683	8.683	0.0	75	3334	1.43	
75 1,1,2-Trichloroethane	97	8.766	8.766	0.0	80	4117	1.05	
77 Tetrachloroethene	164	8.884	8.884	0.0	89	6896	1.05	
76 1,3-Dichloropropane	76	8.908	8.908	0.0	82	7169	1.04	
78 2-Hexanone	43	8.979	8.979	0.0	93	5765	2.18	
79 Chlorodibromomethane	129	9.109	9.109	0.0	45	2658	2.11	
123 Ethylene Dibromide	107	9.204	9.204	0.0	68	3392	0.8870	
82 Chlorobenzene	112	9.618	9.618	0.0	74	20226	1.07	
83 1,1,1,2-Tetrachloroethane	131	9.689	9.689	0.0	69	3948	1.13	
84 Ethylbenzene	106	9.713	9.713	0.0	97	10233	1.00	
10 m-Xylene & p-Xylene	106	9.807	9.807	0.0	98	24371	1.94	
85 o-Xylene	106	10.150	10.151	0.0	92	12302	0.9195	
86 Styrene	104	10.162	10.162	0.0	84	14882	0.8690	
87 Bromoform	173	10.328	10.328	0.0	47	1522	3.83	
88 Isopropylbenzene	105	10.458	10.458	0.0	95	31276	0.8654	
90 1,1,2,2-Tetrachloroethane	83	10.707	10.707	0.0	70	4412	0.9150	
91 Bromobenzene	156	10.718	10.718	0.0	92	8083	1.03	
92 1,2,3-Trichloropropane	110	10.742	10.742	0.0	64	1693	1.05	
93 trans-1,4-Dichloro-2-butene	53	10.754	10.754	0.0	17	2001	1.22	
94 N-Propylbenzene	120	10.801	10.801	0.0	97	8099	0.8551	
95 2-Chlorotoluene	126	10.884	10.884	0.0	94	8234	0.9582	
96 1,3,5-Trimethylbenzene	105	10.943	10.943	0.0	81	24684	0.8198	
104 4-Chlorotoluene	126	10.967	10.967	0.0	96	8345	1.01	
97 tert-Butylbenzene	119	11.227	11.227	0.0	86	22518	0.7787	
98 1,2,4-Trimethylbenzene	105	11.263	11.263	0.0	88	26254	0.8856	
99 sec-Butylbenzene	105	11.405	11.417	-0.012	92	28989	0.7411	
100 1,3-Dichlorobenzene	146	11.511	11.511	0.0	90	18520	1.09	
101 4-Isopropyltoluene	119	11.535	11.535	0.0	80	26839	0.7868	
102 1,4-Dichlorobenzene	146	11.582	11.582	0.0	42	20348	1.16	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
105 n-Butylbenzene	91	11.878	11.878	0.0	93	24347	0.8520	
106 1,2-Dichlorobenzene	146	11.902	11.902	0.0	93	18057	1.10	
107 1,2-Dibromo-3-Chloropropane	157	12.564	12.553	0.011	1	754	1.52	
108 1,3,5-Trichlorobenzene	180	12.730	12.730	0.0	93	14327	1.03	
109 1,2,4-Trichlorobenzene	180	13.239	13.239	0.0	86	13485	1.16	
110 Hexachlorobutadiene	225	13.369	13.369	0.0	83	5982	0.9447	
111 Naphthalene	128	13.440	13.440	0.0	94	21699	1.09	
112 1,2,3-Trichlorobenzene	180	13.629	13.629	0.0	90	10634	1.10	
S 137 Trihalomethanes, Total	1				0		8.39	
S 11 1,2-Dichloroethene, Total	96				0		1.88	
S 9 1,3-Dichloropropene, Total	75				0		4.17	
S 114 Xylenes, Total	106				0		2.86	

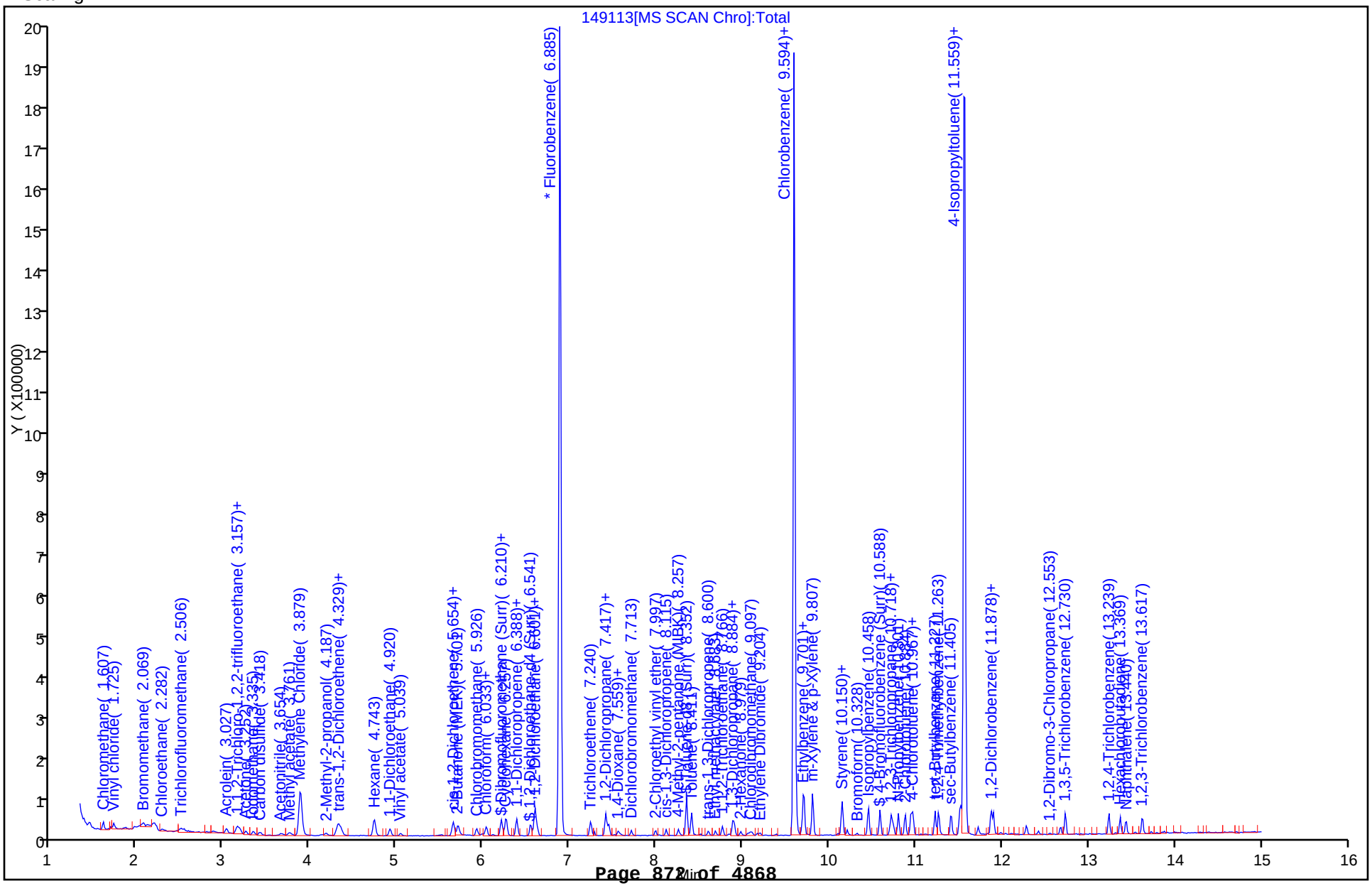
Report Date: 14-Nov-2012 15:22:59 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121113-14916.b\149113.D

Injection Date:	13-Nov-2012 19:45:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	64859	Lims Sample ID:	11
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: ICV 240-64678/14 Calibration Date: 11/12/2012 19:38

Instrument ID: A3UX10 Calib Start Date: 11/12/2012 15:10

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 11/12/2012 17:02

Lab File ID: UXX0858.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.1993	0.2177	0.1000	0.0109	0.0100	9.2	20.0
Chloromethane	Ave	0.3843	0.4089	0.1000	0.0106	0.0100	6.4	20.0
Vinyl chloride	Ave	0.3042	0.3274	0.1000	0.0108	0.0100	7.6	20.0
Bromomethane	Ave	0.1423	0.1415	0.0500	0.00995	0.0100	-0.5	20.0
Chloroethane	Ave	0.1471	0.1461	0.0500	0.00994	0.0100	-0.6	20.0
Trichlorofluoromethane	Ave	0.2208	0.2292	0.1000	0.0104	0.0100	3.8	20.0
Acrolein	Ave	0.0354	0.0322		0.0273	0.0300	-9.1	20.0
1,1-Dichloroethene	Ave	0.2447	0.2686	0.1000	0.0110	0.0100	9.8	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.1853	0.1927	0.0500	0.0104	0.0100	4.0	20.0
Acetone	Lin1		0.0905	0.0500	0.0235	0.0200	17.4	20.0
Iodomethane	Ave	0.4163	0.4678		0.0112	0.0100	12.4	20.0
Carbon disulfide	Ave	0.7761	0.8842	0.1000	0.0114	0.0100	13.9	20.0
Acetonitrile	Qua		0.0389		0.0360	0.0300	19.9	20.0
Methyl acetate	Ave	0.2338	0.2379	0.1000	0.0102	0.0100	1.8	20.0
Methylene Chloride	Ave	0.3451	0.3445	0.1000	0.00998	0.0100	-0.2	20.0
2-Methyl-2-propanol	Ave	0.0202	0.0243		0.240	0.200	20.0	20.0
Acrylonitrile	Ave	0.1172	0.1200		0.0307	0.0300	2.4	20.0
Methyl tert-butyl ether	Ave	0.8708	0.9193	0.1000	0.0106	0.0100	5.6	20.0
trans-1,2-Dichloroethene	Ave	0.2998	0.3211	0.1000	0.0107	0.0100	7.1	20.0
1,1-Dichloroethane	Ave	0.5111	0.5533	0.1000	0.0108	0.0100	8.3	20.0
Vinyl acetate	Ave	0.0530	0.0512		0.00965	0.0100	-3.5	20.0
2-Butanone (MEK)	Ave	0.1314	0.1294	0.0500	0.0197	0.0200	-1.5	20.0
cis-1,2-Dichloroethene	Ave	0.3334	0.3559	0.1000	0.0107	0.0100	6.8	20.0
2,2-Dichloropropane	Ave	0.2926	0.2874		0.00982	0.0100	-1.8	20.0
Bromochloromethane	Ave	0.1617	0.1710		0.0106	0.0100	5.8	20.0
Chloroform	Ave	0.5145	0.5187	0.2000	0.0101	0.0100	0.8	20.0
1,1,1-Trichloroethane	Ave	0.3526	0.3649	0.1000	0.0103	0.0100	3.5	20.0
Cyclohexane	Ave	0.3996	0.3715	0.1000	0.00930	0.0100	-7.0	20.0
1,1-Dichloropropene	Ave	0.3619	0.3605		0.00996	0.0100	-0.4	20.0
Carbon tetrachloride	Ave	0.2845	0.2865	0.1000	0.0101	0.0100	0.7	20.0
1,2-Dichloroethane	Ave	0.3706	0.3907	0.1000	0.0105	0.0100	5.4	20.0
Benzene	Ave	1.258	1.315	0.5000	0.0105	0.0100	4.5	20.0
Trichloroethene	Ave	0.3103	0.3241	0.2000	0.0104	0.0100	4.4	20.0
1,2-Dichloropropane	Ave	0.2919	0.3068	0.1000	0.0105	0.0100	5.1	20.0
Methylcyclohexane	Ave	0.3294	0.2903	0.1000	0.00881	0.0100	-11.9	20.0
Dibromomethane	Ave	0.1691	0.1838		0.0109	0.0100	8.7	20.0
Bromodichloromethane	Ave	0.3468	0.3667	0.1000	0.0106	0.0100	5.7	20.0
cis-1,3-Dichloropropene	Ave	0.4281	0.4242	0.1500	0.00991	0.0100	-0.9	20.0
4-Methyl-2-pentanone (MIBK)	Ave	0.2537	0.2677	0.0500	0.0211	0.0200	5.5	20.0
Toluene	Ave	1.886	1.874	0.4000	0.00994	0.0100	-0.6	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: ICV 240-64678/14 Calibration Date: 11/12/2012 19:38

Instrument ID: A3UX10 Calib Start Date: 11/12/2012 15:10

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 11/12/2012 17:02

Lab File ID: UXX0858.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
trans-1,3-Dichloropropene	Ave	0.5342	0.5486	0.1000	0.0103	0.0100	2.7	20.0
1,1,2-Trichloroethane	Ave	0.3821	0.3892	0.1000	0.0102	0.0100	1.9	20.0
1,3-Dichloropropane	Ave	0.6731	0.6835		0.0102	0.0100	1.5	20.0
Tetrachloroethene	Ave	0.3403	0.3254	0.2000	0.00956	0.0100	-4.4	20.0
2-Hexanone	Ave	0.2308	0.2374	0.0500	0.0206	0.0200	2.9	20.0
Dibromochloromethane	Ave	0.3707	0.3744		0.0101	0.0100	1.0	20.0
1,2-Dibromoethane	Ave	0.3704	0.3750		0.0101	0.0100	1.2	20.0
Chlorobenzene	Ave	1.193	1.189	0.3000	0.00997	0.0100	-0.3	20.0
1,1,1,2-Tetrachloroethane	Ave	0.4139	0.4132		0.00998	0.0100	-0.2	20.0
Ethylbenzene	Ave	0.5964	0.6087		0.0102	0.0100	2.1	20.0
m-Xylene & p-Xylene	Ave	0.7563	0.7570		0.0200	0.0200	0.0	20.0
o-Xylene	Ave	0.7419	0.7763		0.0105	0.0100	4.6	20.0
Styrene	Ave	1.191	1.255	0.3000	0.0105	0.0100	5.4	20.0
Bromoform	Ave	0.2244	0.2208	0.1000	0.00984	0.0100	-1.6	20.0
Isopropylbenzene	Ave	1.667	1.686	0.1000	0.0101	0.0100	1.2	20.0
1,1,2,2-Tetrachloroethane	Ave	0.9320	0.8642	0.3000	0.00927	0.0100	-7.3	20.0
Bromobenzene	Ave	0.9309	0.9092		0.00977	0.0100	-2.3	20.0
1,2,3-Trichloropropane	Ave	0.3012	0.2962		0.00983	0.0100	-1.7	20.0
N-Propylbenzene	Ave	0.8226	0.7998		0.00972	0.0100	-2.8	20.0
2-Chlorotoluene	Ave	0.8267	0.8033		0.00972	0.0100	-2.8	20.0
1,3,5-Trimethylbenzene	Ave	2.535	2.532		0.00999	0.0100	-0.1	20.0
4-Chlorotoluene	Ave	0.8808	0.8572		0.00973	0.0100	-2.7	20.0
tert-Butylbenzene	Ave	2.082	1.937		0.00931	0.0100	-6.9	20.0
1,2,4-Trimethylbenzene	Ave	2.621	2.638		0.0101	0.0100	0.6	20.0
sec-Butylbenzene	Ave	2.652	2.466		0.00930	0.0100	-7.0	20.0
1,3-Dichlorobenzene	Ave	1.669	1.586	0.6000	0.00950	0.0100	-5.0	20.0
4-Isopropyltoluene	Ave	2.229	2.186		0.00981	0.0100	-1.9	20.0
1,4-Dichlorobenzene	Ave	1.798	1.663	0.5000	0.00925	0.0100	-7.5	20.0
n-Butylbenzene	Ave	1.765	1.649		0.00935	0.0100	-6.5	20.0
1,2-Dichlorobenzene	Ave	1.670	1.583	0.4000	0.00948	0.0100	-5.2	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1572	0.1402	0.0500	0.00892	0.0100	-10.8	20.0
1,2,4-Trichlorobenzene	Ave	0.8483	0.6689	0.2000	0.00788	0.0100	-21.2*	20.0
Hexachlorobutadiene	Qua		0.2368		0.00685	0.0100	-31.5*	20.0
Naphthalene	Ave	2.585	1.767		0.00683	0.0100	-31.7*	20.0
1,2,3-Trichlorobenzene	Ave	0.9161	0.6183		0.00675	0.0100	-32.5*	20.0
Dibromofluoromethane (Surr)	Ave	0.2739	0.2738		0.0100	0.0100	-0.0	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3219	0.3335		0.0104	0.0100	3.6	20.0
Toluene-d8 (Surr)	Ave	1.574	1.567		0.00996	0.0100	-0.4	20.0
4-Bromofluorobenzene (Surr)	Ave	0.5205	0.5217		0.0100	0.0100	0.2	20.0

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0858.D
Lims ID: ICV Client ID:
Inject. Date: 12-Nov-2012 19:38:30 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0014871-014
Misc. Info.: P21112A-IC,8260LLUX10,,1904 =P21112A-IC,8260LLUX10,,1904
Operator: 1904 Instrument ID: A3UX10
Purge Vol: 5.000 mL ALS Bottle#: 13
Lims Batch ID: 64678 Lims Sample ID: 14
Sublist:
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX10\20121112-14871.b\8260_10.m
Last Update: 14-Nov-2012 12:23:03 Calib Date: 12-Nov-2012 19:16:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0857.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK005

First Level Reviewer: quayler Date: 13-Nov-2012 09:00:53

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.203	5.204	-0.001	99	1733806	10.0	
* 2 Chlorobenzene-d5	117	7.877	7.878	-0.001	84	1200825	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.126	10.127	-0.001	86	656657	10.0	
$ 5 Dibromofluoromethane (Surr)	113	4.635	4.627	0.008	67	474779	10.0	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.919	4.923	-0.003	0	578230	10.4	
$ 7 Toluene-d8 (Surr)	98	6.564	6.567	-0.003	93	1881686	9.96	
$ 8 4-Bromofluorobenzene (Surr)	95	8.990	8.993	-0.003	90	626481	10.0	
12 Dichlorodifluoromethane	85	1.559	1.562	-0.003	96	377423	10.9	
13 Chloromethane	50	1.689	1.704	-0.015	88	708928	10.6	
14 Vinyl chloride	62	1.795	1.799	-0.004	94	567623	10.8	
16 Bromomethane	94	2.091	2.094	-0.003	90	245374	9.95	
17 Chloroethane	64	2.174	2.177	-0.003	94	253349	9.94	
19 Trichlorofluoromethane	101	2.387	2.390	-0.003	98	397419	10.4	
20 Ethyl ether	59	2.600	2.601	-0.001	88	482426	11.0	
21 Acrolein	56	2.707	2.698	0.009	90	167384	27.3	
23 1,1-Dichloroethene	96	2.813	2.816	-0.003	94	465617	11.0	
24 Acetone	43	2.825	2.828	-0.003	89	313899	23.5	
25 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.825	2.840	-0.015	83	334041	10.4	
26 Iodomethane	142	2.943	2.935	0.008	96	811057	11.2	
27 Carbon disulfide	76	3.002	3.006	-0.004	98	1533075	11.4	
28 Acetonitrile	41	3.050	3.053	-0.003	98	202282	36.0	
30 Methyl acetate	43	3.097	3.100	-0.003	95	412477	10.2	
31 Methylene Chloride	84	3.192	3.195	-0.003	88	597311	9.98	
32 2-Methyl-2-propanol	59	3.263	3.266	-0.003	99	841124	240.0	
33 Acrylonitrile	53	3.381	3.384	-0.003	99	624148	30.7	
35 Methyl tert-butyl ether	73	3.428	3.432	-0.004	85	1593919	10.6	
34 trans-1,2-Dichloroethene	96	3.428	3.432	-0.004	60	556717	10.7	
36 Hexane	86	3.665	3.656	0.009	91	78615	9.48	
37 1,1-Dichloroethane	63	3.771	3.775	-0.004	85	959371	10.8	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
38 Vinyl acetate	86	3.795	3.798	-0.003	97	88731	9.65	
39 Isopropyl ether	87	3.819	3.820	-0.001	95	542311	10.8	
42 2-Butanone (MEK)	43	4.245	4.236	0.009	68	448547	19.7	
43 cis-1,2-Dichloroethene	96	4.245	4.248	-0.003	81	617044	10.7	
44 2,2-Dichloropropane	77	4.257	4.260	-0.003	88	498345	9.82	
48 Chlorobromomethane	128	4.446	4.449	-0.003	88	296503	10.6	
49 Tetrahydrofuran	42	4.493	4.485	0.008	94	171312	10.2	
50 Chloroform	83	4.493	4.497	-0.004	81	899259	10.1	
51 1,1,1-Trichloroethane	97	4.671	4.674	-0.003	88	632699	10.3	
52 Cyclohexane	56	4.742	4.745	-0.003	87	644176	9.30	
53 1,1-Dichloropropene	75	4.813	4.804	0.009	96	625005	9.96	
54 Carbon tetrachloride	117	4.825	4.816	0.009	78	496653	10.1	
55 Isobutyl alcohol	41	4.848	4.849	-0.001	95	803006	506.1	
56 1,2-Dichloroethane	62	4.978	4.982	-0.004	53	677427	10.5	
57 Benzene	78	4.978	4.982	-0.004	94	2280048	10.5	
61 Trichloroethene	130	5.523	5.514	0.009	92	561868	10.4	
63 Methylcyclohexane	83	5.700	5.703	-0.003	83	503273	8.81	
64 1,2-Dichloropropane	63	5.700	5.703	-0.003	86	531900	10.5	
66 Dibromomethane	93	5.807	5.798	0.009	85	318627	10.9	
68 Dichlorobromomethane	83	5.925	5.928	-0.003	100	635754	10.6	
70 2-Chloroethyl vinyl ether	63	6.174	6.177	-0.003	91	286052	9.96	
71 cis-1,3-Dichloropropene	75	6.316	6.319	-0.003	92	735422	9.91	
72 4-Methyl-2-pentanone (MIBK)	43	6.446	6.437	0.009	95	928124	21.1	
73 Toluene	91	6.623	6.626	-0.003	98	2250888	9.94	
74 trans-1,3-Dichloropropene	75	6.801	6.804	-0.003	88	658804	10.3	
76 1,1,2-Trichloroethane	97	6.966	6.970	-0.004	91	467380	10.2	
77 1,3-Dichloropropane	76	7.120	7.123	-0.003	91	820723	10.2	
78 Tetrachloroethene	164	7.132	7.135	-0.003	92	390726	9.56	
79 2-Hexanone	43	7.179	7.183	-0.004	96	570251	20.6	
81 Chlorodibromomethane	129	7.333	7.336	-0.003	90	449523	10.1	
83 Ethylene Dibromide	107	7.451	7.455	-0.004	99	450271	10.1	
85 Chlorobenzene	112	7.913	7.904	0.009	97	1427849	9.97	
86 1,1,1,2-Tetrachloroethane	131	7.972	7.975	-0.003	84	496117	9.98	
87 Ethylbenzene	106	8.008	8.011	-0.003	97	730912	10.2	
88 m-Xylene & p-Xylene	106	8.114	8.117	-0.003	99	1818083	20.0	
89 o-Xylene	106	8.493	8.496	-0.003	90	932232	10.5	
90 Styrene	104	8.505	8.508	-0.003	93	1507119	10.5	
91 Bromoform	173	8.682	8.685	-0.003	98	265154	9.84	
92 Isopropylbenzene	105	8.848	8.851	-0.003	95	2025033	10.1	
94 Cyclohexanone	55	8.931	8.932	-0.001	88	376968	51.9	
95 1,1,2,2-Tetrachloroethane	83	9.108	9.111	-0.003	93	567498	9.27	
96 Bromobenzene	156	9.144	9.147	-0.003	92	597026	9.77	
97 1,2,3-Trichloropropane	110	9.155	9.159	-0.004	72	194508	9.83	
98 trans-1,4-Dichloro-2-butene	53	9.167	9.170	-0.003	74	235546	17.6	
99 N-Propylbenzene	120	9.250	9.241	0.009	97	525200	9.72	
100 2-Chlorotoluene	126	9.333	9.336	-0.003	97	527466	9.72	
101 1,3,5-Trimethylbenzene	105	9.416	9.407	0.009	92	1662869	9.99	
102 4-Chlorotoluene	126	9.439	9.431	0.008	96	562871	9.73	
103 tert-Butylbenzene	119	9.735	9.738	-0.003	85	1271954	9.31	
104 1,2,4-Trimethylbenzene	105	9.783	9.786	-0.003	76	1732194	10.1	
105 sec-Butylbenzene	105	9.948	9.951	-0.003	92	1619588	9.30	
106 1,3-Dichlorobenzene	146	10.067	10.070	-0.003	97	1041473	9.50	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
107 4-Isopropyltoluene	119	10.090	10.093	-0.003	93	1435438	9.81	
108 1,4-Dichlorobenzene	146	10.149	10.153	-0.004	94	1091774	9.25	
109 1,2,3-Trimethylbenzene	105	10.197	10.198	-0.001	95	1858034	10.3	
110 n-Butylbenzene	91	10.493	10.496	-0.004	94	1082803	9.35	
111 1,2-Dichlorobenzene	146	10.516	10.519	-0.003	97	1039465	9.48	
112 1,2-Dibromo-3-Chloropropane	157	11.285	11.289	-0.004	83	92074	8.92	
114 1,2,4-Trichlorobenzene	180	12.125	12.129	-0.004	93	439209	7.88	
115 Hexachlorobutadiene	225	12.303	12.306	-0.003	95	155523	6.85	
116 Naphthalene	128	12.374	12.377	-0.003	100	1160078	6.83	
117 1,2,3-Trichlorobenzene	180	12.622	12.626	-0.004	99	406007	6.75	
S 119 Trihalomethanes, Total	1				0		40.6	
S 120 1,2-Dichloroethene, Total	96				0		21.4	
S 122 Xylenes, Total	106				0		30.5	

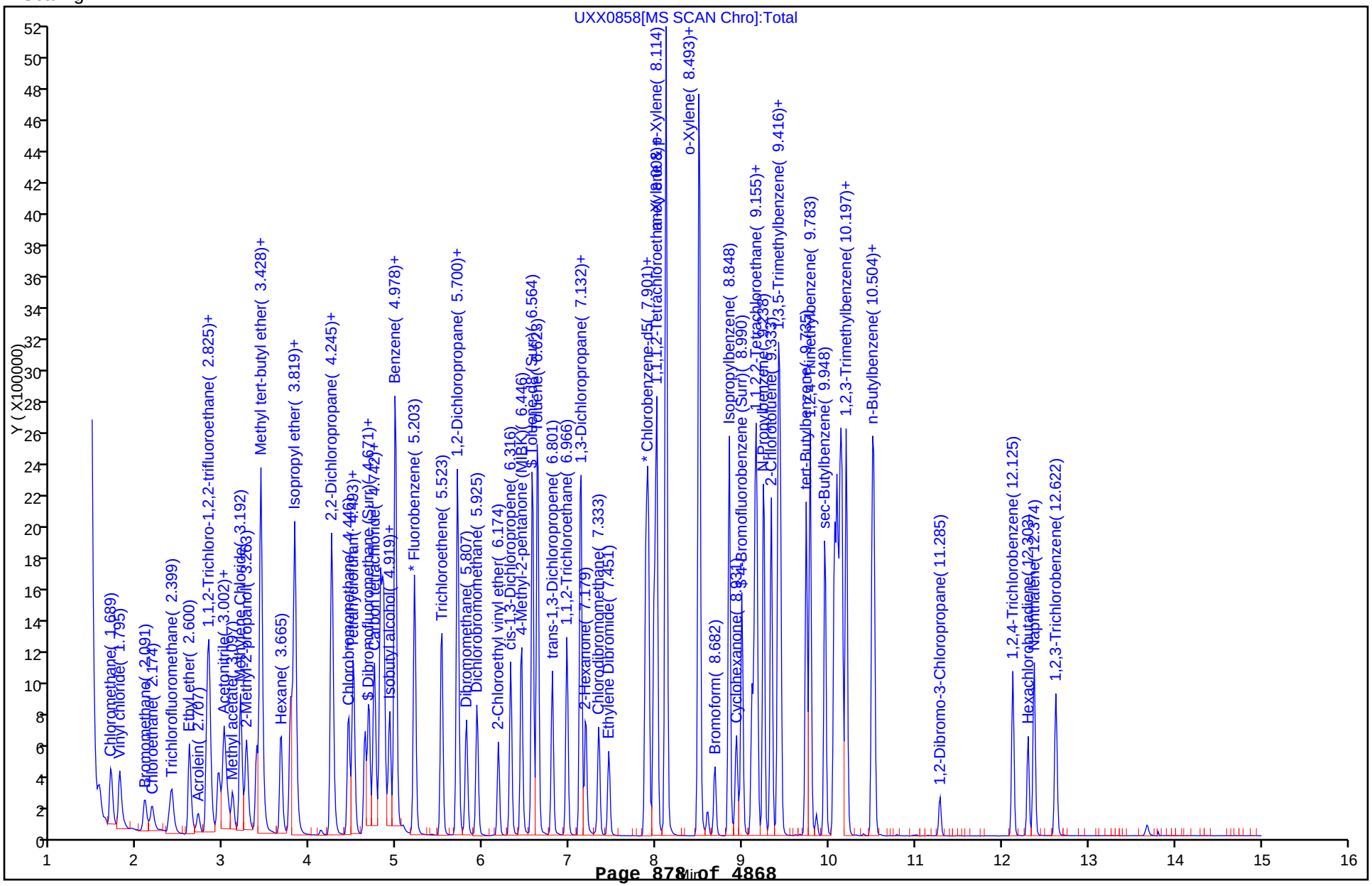
Report Date: 14-Nov-2012 12:23:04 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0858.D

Injection Date:	12-Nov-2012 19:38:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX10
Lims Batch ID:	64678	Lims Sample ID:	14
Operator ID:	1904	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: ICV 240-64678/14 Calibration Date: 11/12/2012 19:38

Instrument ID: A3UX10 Calib Start Date: 11/12/2012 17:24

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 11/12/2012 19:16

Lab File ID: UXX0858.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Isobutyl alcohol	Ave	0.0132	0.0134		0.506	0.500	1.2	20.0

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0858.D
Lims ID: ICV Client ID:
Inject. Date: 12-Nov-2012 19:38:30 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0014871-014
Misc. Info.: P21112A-IC,8260LLUX10,,1904 =P21112A-IC,8260LLUX10,,1904
Operator: 1904 Instrument ID: A3UX10
Purge Vol: 5.000 mL ALS Bottle#: 13
Lims Batch ID: 64678 Lims Sample ID: 14
Sublist:
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX10\20121112-14871.b\8260_10.m
Last Update: 14-Nov-2012 12:23:03 Calib Date: 12-Nov-2012 19:16:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0857.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK005

First Level Reviewer: quayler Date: 13-Nov-2012 09:00:53

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.203	5.204	-0.001	99	1733806	10.0	
* 2 Chlorobenzene-d5	117	7.877	7.878	-0.001	84	1200825	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.126	10.127	-0.001	86	656657	10.0	
$ 5 Dibromofluoromethane (Surr)	113	4.635	4.627	0.008	67	474779	10.0	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.919	4.923	-0.003	0	578230	10.4	
$ 7 Toluene-d8 (Surr)	98	6.564	6.567	-0.003	93	1881686	9.96	
$ 8 4-Bromofluorobenzene (Surr)	95	8.990	8.993	-0.003	90	626481	10.0	
12 Dichlorodifluoromethane	85	1.559	1.562	-0.003	96	377423	10.9	
13 Chloromethane	50	1.689	1.704	-0.015	88	708928	10.6	
14 Vinyl chloride	62	1.795	1.799	-0.004	94	567623	10.8	
16 Bromomethane	94	2.091	2.094	-0.003	90	245374	9.95	
17 Chloroethane	64	2.174	2.177	-0.003	94	253349	9.94	
19 Trichlorofluoromethane	101	2.387	2.390	-0.003	98	397419	10.4	
20 Ethyl ether	59	2.600	2.601	-0.001	88	482426	11.0	
21 Acrolein	56	2.707	2.698	0.009	90	167384	27.3	
23 1,1-Dichloroethene	96	2.813	2.816	-0.003	94	465617	11.0	
24 Acetone	43	2.825	2.828	-0.003	89	313899	23.5	
25 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.825	2.840	-0.015	83	334041	10.4	
26 Iodomethane	142	2.943	2.935	0.008	96	811057	11.2	
27 Carbon disulfide	76	3.002	3.006	-0.004	98	1533075	11.4	
28 Acetonitrile	41	3.050	3.053	-0.003	98	202282	36.0	
30 Methyl acetate	43	3.097	3.100	-0.003	95	412477	10.2	
31 Methylene Chloride	84	3.192	3.195	-0.003	88	597311	9.98	
32 2-Methyl-2-propanol	59	3.263	3.266	-0.003	99	841124	240.0	
33 Acrylonitrile	53	3.381	3.384	-0.003	99	624148	30.7	
35 Methyl tert-butyl ether	73	3.428	3.432	-0.004	85	1593919	10.6	
34 trans-1,2-Dichloroethene	96	3.428	3.432	-0.004	60	556717	10.7	
36 Hexane	86	3.665	3.656	0.009	91	78615	9.48	
37 1,1-Dichloroethane	63	3.771	3.775	-0.004	85	959371	10.8	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
38 Vinyl acetate	86	3.795	3.798	-0.003	97	88731	9.65	
39 Isopropyl ether	87	3.819	3.820	-0.001	95	542311	10.8	
42 2-Butanone (MEK)	43	4.245	4.236	0.009	68	448547	19.7	
43 cis-1,2-Dichloroethene	96	4.245	4.248	-0.003	81	617044	10.7	
44 2,2-Dichloropropane	77	4.257	4.260	-0.003	88	498345	9.82	
48 Chlorobromomethane	128	4.446	4.449	-0.003	88	296503	10.6	
49 Tetrahydrofuran	42	4.493	4.485	0.008	94	171312	10.2	
50 Chloroform	83	4.493	4.497	-0.004	81	899259	10.1	
51 1,1,1-Trichloroethane	97	4.671	4.674	-0.003	88	632699	10.3	
52 Cyclohexane	56	4.742	4.745	-0.003	87	644176	9.30	
53 1,1-Dichloropropene	75	4.813	4.804	0.009	96	625005	9.96	
54 Carbon tetrachloride	117	4.825	4.816	0.009	78	496653	10.1	
55 Isobutyl alcohol	41	4.848	4.849	-0.001	95	803006	506.1	
56 1,2-Dichloroethane	62	4.978	4.982	-0.004	53	677427	10.5	
57 Benzene	78	4.978	4.982	-0.004	94	2280048	10.5	
61 Trichloroethene	130	5.523	5.514	0.009	92	561868	10.4	
63 Methylcyclohexane	83	5.700	5.703	-0.003	83	503273	8.81	
64 1,2-Dichloropropane	63	5.700	5.703	-0.003	86	531900	10.5	
66 Dibromomethane	93	5.807	5.798	0.009	85	318627	10.9	
68 Dichlorobromomethane	83	5.925	5.928	-0.003	100	635754	10.6	
70 2-Chloroethyl vinyl ether	63	6.174	6.177	-0.003	91	286052	9.96	
71 cis-1,3-Dichloropropene	75	6.316	6.319	-0.003	92	735422	9.91	
72 4-Methyl-2-pentanone (MIBK)	43	6.446	6.437	0.009	95	928124	21.1	
73 Toluene	91	6.623	6.626	-0.003	98	2250888	9.94	
74 trans-1,3-Dichloropropene	75	6.801	6.804	-0.003	88	658804	10.3	
76 1,1,2-Trichloroethane	97	6.966	6.970	-0.004	91	467380	10.2	
77 1,3-Dichloropropane	76	7.120	7.123	-0.003	91	820723	10.2	
78 Tetrachloroethene	164	7.132	7.135	-0.003	92	390726	9.56	
79 2-Hexanone	43	7.179	7.183	-0.004	96	570251	20.6	
81 Chlorodibromomethane	129	7.333	7.336	-0.003	90	449523	10.1	
83 Ethylene Dibromide	107	7.451	7.455	-0.004	99	450271	10.1	
85 Chlorobenzene	112	7.913	7.904	0.009	97	1427849	9.97	
86 1,1,1,2-Tetrachloroethane	131	7.972	7.975	-0.003	84	496117	9.98	
87 Ethylbenzene	106	8.008	8.011	-0.003	97	730912	10.2	
88 m-Xylene & p-Xylene	106	8.114	8.117	-0.003	99	1818083	20.0	
89 o-Xylene	106	8.493	8.496	-0.003	90	932232	10.5	
90 Styrene	104	8.505	8.508	-0.003	93	1507119	10.5	
91 Bromoform	173	8.682	8.685	-0.003	98	265154	9.84	
92 Isopropylbenzene	105	8.848	8.851	-0.003	95	2025033	10.1	
94 Cyclohexanone	55	8.931	8.932	-0.001	88	376968	51.9	
95 1,1,2,2-Tetrachloroethane	83	9.108	9.111	-0.003	93	567498	9.27	
96 Bromobenzene	156	9.144	9.147	-0.003	92	597026	9.77	
97 1,2,3-Trichloropropane	110	9.155	9.159	-0.004	72	194508	9.83	
98 trans-1,4-Dichloro-2-butene	53	9.167	9.170	-0.003	74	235546	17.6	
99 N-Propylbenzene	120	9.250	9.241	0.009	97	525200	9.72	
100 2-Chlorotoluene	126	9.333	9.336	-0.003	97	527466	9.72	
101 1,3,5-Trimethylbenzene	105	9.416	9.407	0.009	92	1662869	9.99	
102 4-Chlorotoluene	126	9.439	9.431	0.008	96	562871	9.73	
103 tert-Butylbenzene	119	9.735	9.738	-0.003	85	1271954	9.31	
104 1,2,4-Trimethylbenzene	105	9.783	9.786	-0.003	76	1732194	10.1	
105 sec-Butylbenzene	105	9.948	9.951	-0.003	92	1619588	9.30	
106 1,3-Dichlorobenzene	146	10.067	10.070	-0.003	97	1041473	9.50	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
107 4-Isopropyltoluene	119	10.090	10.093	-0.003	93	1435438	9.81	
108 1,4-Dichlorobenzene	146	10.149	10.153	-0.004	94	1091774	9.25	
109 1,2,3-Trimethylbenzene	105	10.197	10.198	-0.001	95	1858034	10.3	
110 n-Butylbenzene	91	10.493	10.496	-0.004	94	1082803	9.35	
111 1,2-Dichlorobenzene	146	10.516	10.519	-0.003	97	1039465	9.48	
112 1,2-Dibromo-3-Chloropropane	157	11.285	11.289	-0.004	83	92074	8.92	
114 1,2,4-Trichlorobenzene	180	12.125	12.129	-0.004	93	439209	7.88	
115 Hexachlorobutadiene	225	12.303	12.306	-0.003	95	155523	6.85	
116 Naphthalene	128	12.374	12.377	-0.003	100	1160078	6.83	
117 1,2,3-Trichlorobenzene	180	12.622	12.626	-0.004	99	406007	6.75	
S 119 Trihalomethanes, Total	1				0		40.6	
S 120 1,2-Dichloroethene, Total	96				0		21.4	
S 122 Xylenes, Total	106				0		30.5	

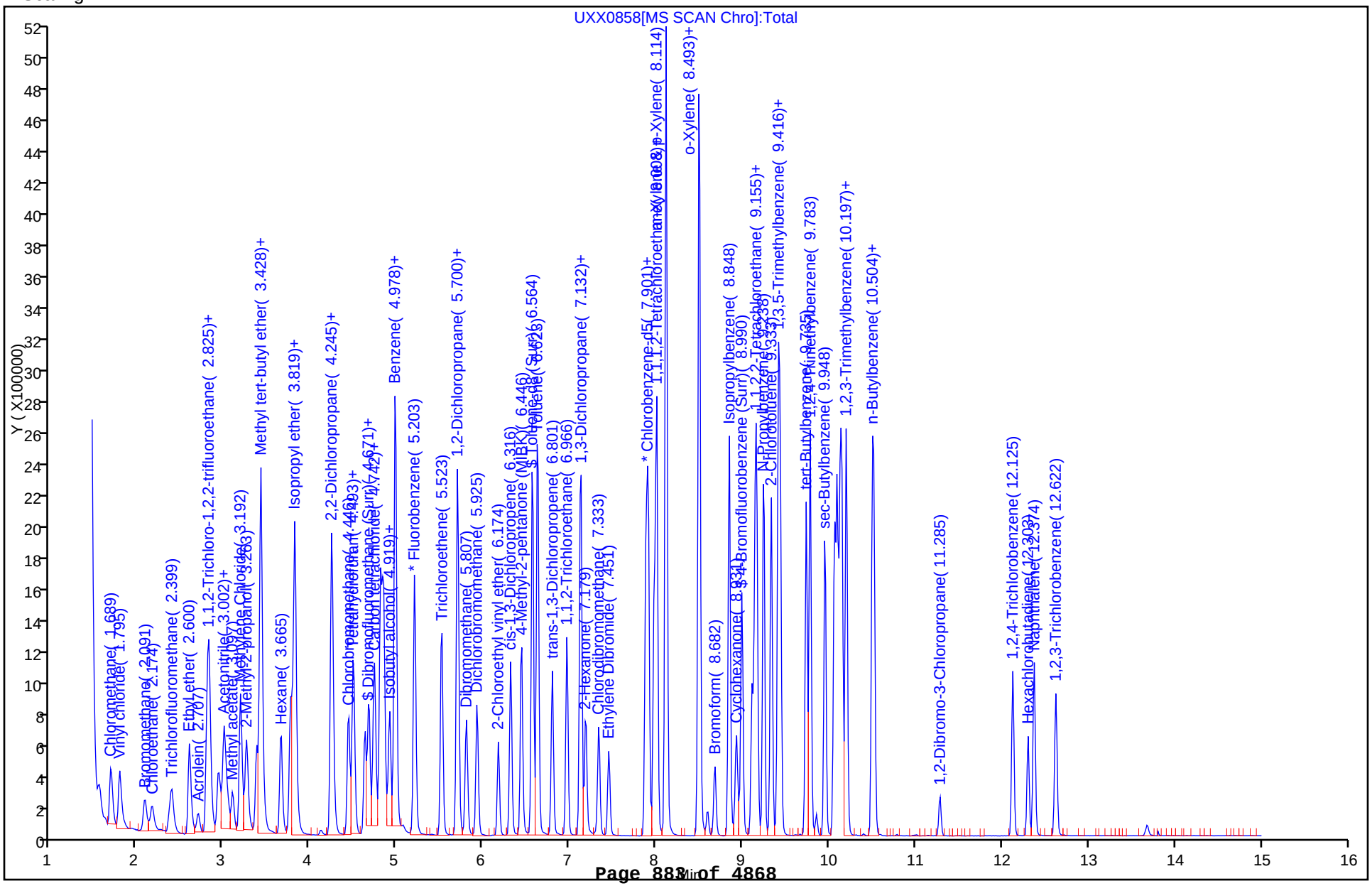
Report Date: 14-Nov-2012 12:23:04 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0858.D

Injection Date:	12-Nov-2012 19:38:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX10
Lims Batch ID:	64678	Lims Sample ID:	14
Operator ID:	1904	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: CCV 240-64831/2 Calibration Date: 11/13/2012 11:25

Instrument ID: A3UX10 Calib Start Date: 11/12/2012 15:10

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 11/12/2012 17:02

Lab File ID: UXX0862.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.1993	0.2169	0.1000	0.0109	0.0100	8.8	20.0
Chloromethane	Ave	0.3843	0.3538	0.1000	0.00921	0.0100	-7.9	20.0
Vinyl chloride	Ave	0.3042	0.3121	0.1000	0.0103	0.0100	2.6	20.0
Bromomethane	Ave	0.1423	0.1550	0.0500	0.0109	0.0100	8.9	20.0
Chloroethane	Ave	0.1471	0.1576	0.0500	0.0107	0.0100	7.2	20.0
Trichlorofluoromethane	Ave	0.2208	0.2540	0.1000	0.0115	0.0100	15.0	20.0
Acrolein	Ave	0.0354	0.0347		0.0980	0.100	-2.0	20.0
1,1-Dichloroethene	Ave	0.2447	0.2366	0.1000	0.00967	0.0100	-3.3	20.0
Acetone	Lin1		0.0750	0.0500	0.0191	0.0200	-4.3	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.1853	0.1867	0.0500	0.0101	0.0100	0.7	20.0
Iodomethane	Ave	0.4163	0.3916		0.00941	0.0100	-5.9	20.0
Carbon disulfide	Ave	0.7761	0.7373	0.1000	0.00950	0.0100	-5.0	20.0
Acetonitrile	Qua		0.0298		0.100	0.100	0.2	20.0
Methyl acetate	Ave	0.2338	0.2272	0.1000	0.0194	0.0200	-2.8	20.0
Methylene Chloride	Ave	0.3451	0.3515	0.1000	0.0102	0.0100	1.9	20.0
2-Methyl-2-propanol	Ave	0.0202	0.0156		0.155	0.200	-22.7*	20.0
Acrylonitrile	Ave	0.1172	0.1119		0.0191	0.0200	-4.5	20.0
Methyl tert-butyl ether	Ave	0.8708	0.7844	0.1000	0.00901	0.0100	-9.9	20.0
trans-1,2-Dichloroethene	Ave	0.2998	0.2876	0.1000	0.00959	0.0100	-4.1	20.0
1,1-Dichloroethane	Ave	0.5111	0.4788	0.1000	0.00937	0.0100	-6.3	20.0
Vinyl acetate	Ave	0.0530	0.0435		0.00821	0.0100	-17.9	20.0
2-Butanone (MEK)	Ave	0.1314	0.1133	0.0500	0.0173	0.0200	-13.7	20.0
2,2-Dichloropropane	Ave	0.2926	0.2854		0.00975	0.0100	-2.5	20.0
cis-1,2-Dichloroethene	Ave	0.3334	0.3122	0.1000	0.00936	0.0100	-6.4	20.0
Bromochloromethane	Ave	0.1617	0.1468		0.00908	0.0100	-9.2	20.0
Chloroform	Ave	0.5145	0.4772	0.2000	0.00928	0.0100	-7.2	20.0
1,1,1-Trichloroethane	Ave	0.3526	0.3557	0.1000	0.0101	0.0100	0.9	20.0
Cyclohexane	Ave	0.3996	0.4093	0.1000	0.0102	0.0100	2.4	20.0
1,1-Dichloropropene	Ave	0.3619	0.3509		0.00970	0.0100	-3.0	20.0
Carbon tetrachloride	Ave	0.2845	0.2903	0.1000	0.0102	0.0100	2.1	20.0
1,2-Dichloroethane	Ave	0.3706	0.3450	0.1000	0.00931	0.0100	-6.9	20.0
Benzene	Ave	1.258	1.163	0.5000	0.00924	0.0100	-7.6	20.0
Trichloroethene	Ave	0.3103	0.2903	0.2000	0.00936	0.0100	-6.4	20.0
1,2-Dichloropropane	Ave	0.2919	0.2764	0.1000	0.00947	0.0100	-5.3	20.0
Methylcyclohexane	Ave	0.3294	0.3461	0.1000	0.0105	0.0100	5.0	20.0
Dibromomethane	Ave	0.1691	0.1577		0.00933	0.0100	-6.7	20.0
Bromodichloromethane	Ave	0.3468	0.3322	0.1000	0.00958	0.0100	-4.2	20.0
cis-1,3-Dichloropropene	Ave	0.4281	0.4093	0.1500	0.00956	0.0100	-4.4	20.0
4-Methyl-2-pentanone (MIBK)	Ave	0.2537	0.2349	0.0500	0.0185	0.0200	-7.4	20.0
Toluene	Ave	1.886	1.815	0.4000	0.00963	0.0100	-3.7	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: CCV 240-64831/2 Calibration Date: 11/13/2012 11:25

Instrument ID: A3UX10 Calib Start Date: 11/12/2012 15:10

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 11/12/2012 17:02

Lab File ID: UXX0862.D Conc. Units: ng/uL Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
trans-1,3-Dichloropropene	Ave	0.5342	0.5088	0.1000	0.00952	0.0100	-4.8	20.0
1,1,2-Trichloroethane	Ave	0.3821	0.3514	0.1000	0.00920	0.0100	-8.0	20.0
1,3-Dichloropropane	Ave	0.6731	0.6287		0.00934	0.0100	-6.6	20.0
Tetrachloroethene	Ave	0.3403	0.3272	0.2000	0.00961	0.0100	-3.9	20.0
2-Hexanone	Ave	0.2308	0.2194	0.0500	0.0190	0.0200	-5.0	20.0
Dibromochloromethane	Ave	0.3707	0.3593		0.00969	0.0100	-3.1	20.0
1,2-Dibromoethane	Ave	0.3704	0.3433		0.00927	0.0100	-7.3	20.0
Chlorobenzene	Ave	1.193	1.120	0.3000	0.00939	0.0100	-6.1	20.0
1,1,1,2-Tetrachloroethane	Ave	0.4139	0.3930		0.00949	0.0100	-5.1	20.0
Ethylbenzene	Ave	0.5964	0.5879		0.00986	0.0100	-1.4	20.0
m-Xylene & p-Xylene	Ave	0.7563	0.7460		0.0197	0.0200	-1.4	20.0
o-Xylene	Ave	0.7419	0.7386		0.00996	0.0100	-0.4	20.0
Styrene	Ave	1.191	1.181	0.3000	0.00992	0.0100	-0.8	20.0
Bromoform	Ave	0.2244	0.2136	0.1000	0.00952	0.0100	-4.8	20.0
Isopropylbenzene	Ave	1.667	1.655	0.1000	0.00993	0.0100	-0.7	20.0
1,1,2,2-Tetrachloroethane	Ave	0.9320	0.8401	0.3000	0.00901	0.0100	-9.9	20.0
Bromobenzene	Ave	0.9309	0.8714		0.00936	0.0100	-6.4	20.0
1,2,3-Trichloropropane	Ave	0.3012	0.2807		0.00932	0.0100	-6.8	20.0
N-Propylbenzene	Ave	0.8226	0.8240		0.0100	0.0100	0.2	20.0
2-Chlorotoluene	Ave	0.8267	0.7988		0.00966	0.0100	-3.4	20.0
1,3,5-Trimethylbenzene	Ave	2.535	2.545		0.0100	0.0100	0.4	20.0
4-Chlorotoluene	Ave	0.8808	0.8291		0.00941	0.0100	-5.9	20.0
tert-Butylbenzene	Ave	2.082	2.102		0.0101	0.0100	1.0	20.0
1,2,4-Trimethylbenzene	Ave	2.621	2.628		0.0100	0.0100	0.3	20.0
sec-Butylbenzene	Ave	2.652	2.658		0.0100	0.0100	0.2	20.0
1,3-Dichlorobenzene	Ave	1.669	1.529	0.6000	0.00916	0.0100	-8.4	20.0
4-Isopropyltoluene	Ave	2.229	2.247		0.0101	0.0100	0.8	20.0
1,4-Dichlorobenzene	Ave	1.798	1.640	0.5000	0.00912	0.0100	-8.8	20.0
n-Butylbenzene	Ave	1.765	1.761		0.00998	0.0100	-0.2	20.0
1,2-Dichlorobenzene	Ave	1.670	1.494	0.4000	0.00894	0.0100	-10.6	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1572	0.1215	0.0500	0.00773	0.0100	-22.7*	20.0
1,2,4-Trichlorobenzene	Ave	0.8483	0.6428	0.2000	0.00758	0.0100	-24.2*	20.0
Hexachlorobutadiene	Qua		0.2667		0.00787	0.0100	-21.3*	20.0
Naphthalene	Ave	2.585	1.507		0.00583	0.0100	-41.7*	20.0
1,2,3-Trichlorobenzene	Ave	0.9161	0.5462		0.00596	0.0100	-40.4*	20.0
Dibromofluoromethane (Surr)	Ave	0.2739	0.2655		0.00969	0.0100	-3.1	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.3219	0.3008		0.00934	0.0100	-6.6	20.0
Toluene-d8 (Surr)	Ave	1.574	1.565		0.00994	0.0100	-0.6	20.0
4-Bromofluorobenzene (Surr)	Ave	0.5205	0.5010		0.00962	0.0100	-3.8	20.0

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX10\20121113-14902.b\UXX0862.D
Lims ID: CCVIS L4 8260 Client ID:
Inject. Date: 13-Nov-2012 11:25:30 Dil. Factor: 1.0000
Sample Type: CCVIS
Sample ID: 240-0014902-002
Misc. Info.: P21113A,8260LLUX10,,1904 =P21113A,8260LLUX10,,1904
Operator: 1904 Instrument ID: A3UX10
Purge Vol: 5.000 mL ALS Bottle#: 1
Lims Batch ID: 64831 Lims Sample ID: 2
Sublist: chrom-8260_10*sub25
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX10\20121113-14902.b\8260_10.m
Last Update: 14-Nov-2012 13:08:22 Calib Date: 12-Nov-2012 19:16:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0857.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK005

First Level Reviewer: quayler Date: 13-Nov-2012 11:49:00

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.206	5.206	0.0	99	1839118	10.0	
* 2 Chlorobenzene-d5	117	7.881	7.881	0.0	83	1242750	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.129	10.129	0.0	89	643308	10.0	
$ 5 Dibromofluoromethane (Surr)	113	4.627	4.627	0.0	58	488309	9.69	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.911	4.911	0.0	0	553183	9.34	
$ 7 Toluene-d8 (Surr)	98	6.567	6.567	0.0	92	1944524	9.94	
$ 8 4-Bromofluorobenzene (Surr)	95	8.993	8.993	0.0	94	622598	9.62	
12 Dichlorodifluoromethane	85	1.562	1.562	0.0	98	398883	10.9	
13 Chloromethane	50	1.692	1.692	0.0	88	650741	9.21	
14 Vinyl chloride	62	1.799	1.799	0.0	97	573900	10.3	
16 Bromomethane	94	2.083	2.083	0.0	89	285003	10.9	
17 Chloroethane	64	2.165	2.165	0.0	95	289864	10.7	
19 Trichlorofluoromethane	101	2.390	2.390	0.0	96	467125	11.5	
21 Acrolein	56	2.698	2.698	0.0	98	638286	98.0	
23 1,1-Dichloroethene	96	2.804	2.804	0.0	98	435173	9.67	
24 Acetone	43	2.816	2.816	0.0	71	275669	19.1	
25 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.828	2.828	0.0	83	343322	10.1	
26 Iodomethane	142	2.935	2.935	0.0	95	720145	9.41	
27 Carbon disulfide	76	3.006	3.006	0.0	99	1356035	9.50	
28 Acetonitrile	41	3.041	3.041	0.0	97	547538	100.2	
30 Methyl acetate	43	3.100	3.100	0.0	95	835556	19.4	
31 Methylene Chloride	84	3.195	3.195	0.0	84	646501	10.2	
32 2-Methyl-2-propanol	59	3.254	3.254	0.0	98	574651	154.6	
33 Acrylonitrile	53	3.384	3.384	0.0	100	411675	19.1	
34 trans-1,2-Dichloroethene	96	3.431	3.431	0.0	63	528912	9.59	
35 Methyl tert-butyl ether	73	3.431	3.431	0.0	88	1442646	9.01	
36 Hexane	86	3.656	3.656	0.0	93	86271	9.81	
37 1,1-Dichloroethane	63	3.763	3.763	0.0	95	880566	9.37	
38 Vinyl acetate	86	3.798	3.798	0.0	96	80066	8.21	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
42 2-Butanone (MEK)	43	4.236	4.236	0.0	90	416902	17.3	
44 2,2-Dichloropropane	77	4.248	4.248	0.0	90	524790	9.75	
43 cis-1,2-Dichloroethene	96	4.248	4.248	0.0	81	574115	9.36	
48 Chlorobromomethane	128	4.437	4.437	0.0	93	270064	9.08	
49 Tetrahydrofuran	42	4.485	4.485	0.0	94	143443	7.80	
50 Chloroform	83	4.496	4.496	0.0	91	877670	9.28	
51 1,1,1-Trichloroethane	97	4.674	4.674	0.0	94	654083	10.1	
52 Cyclohexane	56	4.745	4.745	0.0	86	752689	10.2	
53 1,1-Dichloropropene	75	4.804	4.804	0.0	93	645277	9.70	
54 Carbon tetrachloride	117	4.816	4.816	0.0	77	533935	10.2	
57 Benzene	78	4.982	4.982	0.0	94	2138166	9.24	
56 1,2-Dichloroethane	62	4.982	4.982	0.0	45	634527	9.31	
61 Trichloroethene	130	5.514	5.514	0.0	98	533974	9.36	
64 1,2-Dichloropropane	63	5.703	5.703	0.0	84	508351	9.47	
63 Methylcyclohexane	83	5.703	5.703	0.0	85	636423	10.5	
66 Dibromomethane	93	5.798	5.798	0.0	92	289985	9.33	
67 1,4-Dioxane	88	5.810	5.810	0.0	89	192156	315.6	
68 Dichlorobromomethane	83	5.928	5.928	0.0	100	610856	9.58	
70 2-Chloroethyl vinyl ether	63	6.177	6.177	0.0	91	602595	19.8	
71 cis-1,3-Dichloropropene	75	6.319	6.319	0.0	91	752650	9.56	
72 4-Methyl-2-pentanone (MIBK)	43	6.437	6.437	0.0	96	864167	18.5	
73 Toluene	91	6.626	6.626	0.0	97	2255659	9.63	
74 trans-1,3-Dichloropropene	75	6.792	6.792	0.0	88	632322	9.52	
75 Ethyl methacrylate	69	6.875	6.875	0.0	88	539409	8.84	
76 1,1,2-Trichloroethane	97	6.969	6.969	0.0	90	436637	9.20	
77 1,3-Dichloropropane	76	7.123	7.123	0.0	91	781327	9.34	
78 Tetrachloroethene	164	7.135	7.135	0.0	88	406584	9.61	
79 2-Hexanone	43	7.182	7.182	0.0	96	545342	19.0	
81 Chlorodibromomethane	129	7.336	7.336	0.0	89	446456	9.69	
83 Ethylene Dibromide	107	7.455	7.455	0.0	98	426575	9.27	
85 Chlorobenzene	112	7.904	7.904	0.0	95	1392215	9.39	
86 1,1,1,2-Tetrachloroethane	131	7.975	7.975	0.0	85	488341	9.49	
87 Ethylbenzene	106	8.011	8.011	0.0	97	730652	9.86	
88 m-Xylene & p-Xylene	106	8.117	8.117	0.0	99	1854049	19.7	
89 o-Xylene	106	8.496	8.496	0.0	90	917904	9.96	
90 Styrene	104	8.508	8.508	0.0	93	1468097	9.92	
91 Bromoform	173	8.685	8.685	0.0	99	265481	9.52	
92 Isopropylbenzene	105	8.851	8.851	0.0	95	2057091	9.93	
95 1,1,2,2-Tetrachloroethane	83	9.111	9.111	0.0	86	540467	9.01	
96 Bromobenzene	156	9.147	9.147	0.0	90	560589	9.36	
97 1,2,3-Trichloropropane	110	9.159	9.159	0.0	73	180604	9.32	
98 trans-1,4-Dichloro-2-butene	53	9.170	9.170	0.0	72	121737	9.51	
99 N-Propylbenzene	120	9.241	9.241	0.0	98	530102	10.0	
100 2-Chlorotoluene	126	9.336	9.336	0.0	97	513869	9.66	
101 1,3,5-Trimethylbenzene	105	9.407	9.407	0.0	93	1637453	10.0	
102 4-Chlorotoluene	126	9.431	9.431	0.0	98	533370	9.41	
103 tert-Butylbenzene	119	9.738	9.738	0.0	81	1352326	10.1	
104 1,2,4-Trimethylbenzene	105	9.786	9.786	0.0	85	1690679	10.0	
105 sec-Butylbenzene	105	9.951	9.951	0.0	93	1710175	10.0	
106 1,3-Dichlorobenzene	146	10.058	10.058	0.0	84	983471	9.16	
107 4-Isopropyltoluene	119	10.093	10.093	0.0	96	1445680	10.1	
108 1,4-Dichlorobenzene	146	10.153	10.153	0.0	95	1054958	9.12	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
110 n-Butylbenzene	91	10.496	10.496	0.0	97	1132543	9.98	
111 1,2-Dichlorobenzene	146	10.519	10.519	0.0	98	961103	8.94	
112 1,2-Dibromo-3-Chloropropane	157	11.288	11.288	0.0	79	78179	7.73	
113 1,3,5-Trichlorobenzene	180	11.513	11.513	0.0	98	502664	8.40	
114 1,2,4-Trichlorobenzene	180	12.129	12.129	0.0	94	413522	7.58	
115 Hexachlorobutadiene	225	12.306	12.306	0.0	93	171586	7.87	
116 Naphthalene	128	12.377	12.377	0.0	100	969237	5.83	
117 1,2,3-Trichlorobenzene	180	12.626	12.626	0.0	99	351358	5.96	
S 119 Trihalomethanes, Total	1				0		38.1	
S 120 1,2-Dichloroethene, Total	96				0		19.0	
S 121 1,3-Dichloropropene, Total	75				0		19.1	
S 122 Xylenes, Total	106				0		29.7	

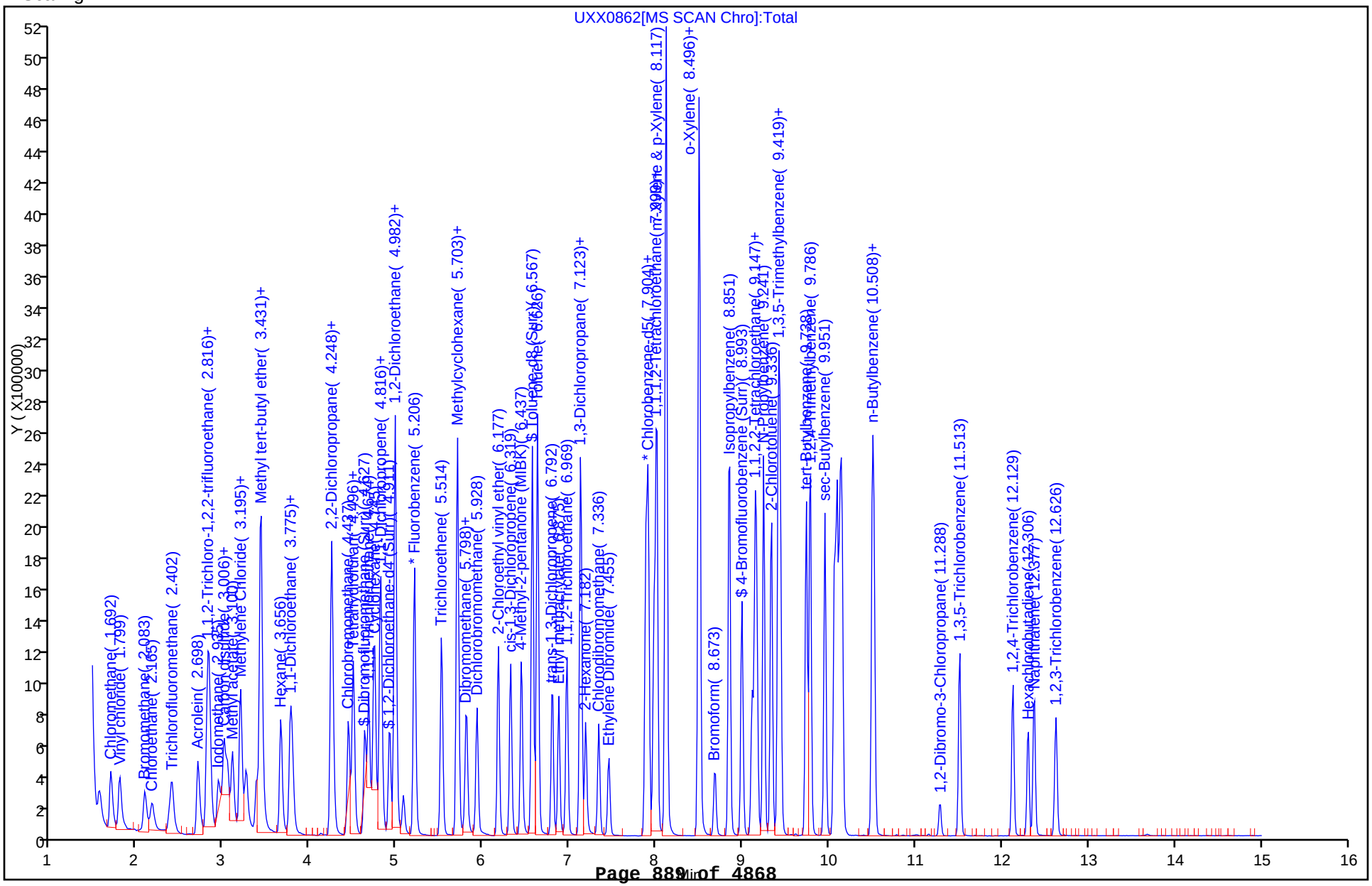
Report Date: 14-Nov-2012 13:08:23 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121113-14902.b\UXX0862.D

Injection Date:	13-Nov-2012 11:25:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX10
Lims Batch ID:	64831	Lims Sample ID:	2
Operator ID:	1904	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: ICV 240-64859/21 Calibration Date: 11/13/2012 23:21

Instrument ID: A3UX14 Calib Start Date: 11/13/2012 16:53

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 11/13/2012 19:45

Lab File ID: 149123.D Conc. Units: ng/uL Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.2874	0.3345	0.1000	0.0582	0.0500	16.4	20.0
Chloromethane	Ave	0.4898	0.5463	0.1000	0.0558	0.0500	11.5	20.0
Vinyl chloride	Ave	0.3840	0.4091	0.1000	0.0533	0.0500	6.5	20.0
Bromomethane	Lin1		0.1200	0.0500	0.0482	0.0500	-3.5	20.0
Chloroethane	Ave	0.2207	0.2219	0.0500	0.0503	0.0500	0.5	20.0
Trichlorofluoromethane	Ave	0.3665	0.3843	0.1000	0.0524	0.0500	4.9	20.0
1,1-Dichloroethene	Ave	0.2874	0.3119	0.1000	0.0543	0.0500	8.5	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2745	0.3072	0.0500	0.0560	0.0500	11.9	20.0
Acetone	Lin1		0.0815	0.0500	0.109	0.100	9.3	20.0
Iodomethane	Ave	0.5119	0.5358		0.0523	0.0500	4.7	20.0
Carbon disulfide	Lin1		0.7217	0.1000	0.0429	0.0500	-14.2	20.0
Methyl acetate	Ave	0.2047	0.1912	0.1000	0.0467	0.0500	-6.6	20.0
Methylene Chloride	Lin1		0.3308	0.1000	0.0520	0.0500	4.0	20.0
2-Methyl-2-propanol	Ave	0.0145	0.0150		1.04	1.00	3.7	20.0
trans-1,2-Dichloroethene	Ave	0.3227	0.3293	0.1000	0.0510	0.0500	2.0	20.0
Methyl tert-butyl ether	Ave	0.6527	0.6733	0.1000	0.0516	0.0500	3.2	20.0
1,1-Dichloroethane	Ave	0.6187	0.6438	0.1000	0.0520	0.0500	4.1	20.0
Vinyl acetate	Lin1		0.0297		0.0540	0.0500	8.0	20.0
2,2-Dichloropropane	Ave	0.2081	0.2193		0.0527	0.0500	5.4	20.0
cis-1,2-Dichloroethene	Ave	0.3249	0.3325	0.1000	0.0512	0.0500	2.3	20.0
2-Butanone (MEK)	Lin1		0.0929	0.0500	0.0957	0.100	-4.3	20.0
Bromochloromethane	Ave	0.1429	0.1435		0.0502	0.0500	0.4	20.0
Chloroform	Ave	0.5184	0.5197	0.2000	0.0501	0.0500	0.3	20.0
1,1,1-Trichloroethane	Ave	0.3984	0.4256	0.1000	0.0534	0.0500	6.8	20.0
Cyclohexane	Ave	0.8073	0.8110	0.1000	0.0502	0.0500	0.5	20.0
1,1-Dichloropropene	Ave	0.3995	0.4047		0.0507	0.0500	1.3	20.0
Carbon tetrachloride	Lin1		0.3932	0.1000	0.0494	0.0500	-1.1	20.0
Benzene	Ave	1.113	1.114	0.5000	0.0500	0.0500	0.0	20.0
1,2-Dichloroethane	Ave	0.3993	0.3990	0.1000	0.0500	0.0500	-0.0	20.0
Trichloroethene	Ave	0.3155	0.3164	0.2000	0.0501	0.0500	0.3	20.0
Methylcyclohexane	Ave	0.6141	0.6268	0.1000	0.0510	0.0500	2.1	20.0
1,2-Dichloropropane	Ave	0.2810	0.2858	0.1000	0.0509	0.0500	1.7	20.0
Dibromomethane	Ave	0.1221	0.1242		0.0508	0.0500	1.7	20.0
Bromodichloromethane	Lin1		0.2615	0.1000	0.0436	0.0500	-12.7	20.0
cis-1,3-Dichloropropene	Qua		0.2654	0.1500	0.0444	0.0500	-11.2	20.0
4-Methyl-2-pentanone (MIBK)	Ave	0.3084	0.3359	0.0500	0.109	0.100	8.9	20.0
Toluene	Ave	1.758	1.691	0.4000	0.0481	0.0500	-3.8	20.0
trans-1,3-Dichloropropene	Lin1		0.3232	0.1000	0.0418	0.0500	-16.4	20.0
1,1,2-Trichloroethane	Ave	0.2389	0.2461	0.1000	0.0515	0.0500	3.0	20.0
Tetrachloroethene	Ave	0.4007	0.3740	0.2000	0.0467	0.0500	-6.7	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: ICV 240-64859/21 Calibration Date: 11/13/2012 23:21

Instrument ID: A3UX14 Calib Start Date: 11/13/2012 16:53

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 11/13/2012 19:45

Lab File ID: 149123.D Conc. Units: ng/uL Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,3-Dichloropropane	Ave	0.4174	0.4168		0.0499	0.0500	-0.1	20.0
2-Hexanone	Ave	0.1605	0.1535	0.0500	0.0956	0.100	-4.4	20.0
Dibromochloromethane	Qua		0.2389		0.0450	0.0500	-10.0	20.0
1,2-Dibromoethane	Ave	0.2326	0.2369		0.0509	0.0500	1.9	20.0
Chlorobenzene	Ave	1.153	1.084	0.3000	0.0470	0.0500	-6.0	20.0
1,1,1,2-Tetrachloroethane	Lin1		0.4315		0.0500	0.0500	0.0	20.0
Ethylbenzene	Ave	0.6221	0.6038		0.0485	0.0500	-2.9	20.0
m-Xylene & p-Xylene	Ave	0.7625	0.7456		0.0978	0.100	-2.2	20.0
o-Xylene	Ave	0.8137	0.8111		0.0498	0.0500	-0.3	20.0
Styrene	Ave	1.042	1.054	0.3000	0.0506	0.0500	1.2	20.0
Bromoform	Qua		0.1127	0.1000	0.0431	0.0500	-13.8	20.0
Isopropylbenzene	Ave	2.198	2.247	0.1000	0.0511	0.0500	2.2	20.0
1,1,2,2-Tetrachloroethane	Ave	0.4994	0.5217	0.3000	0.0522	0.0500	4.5	20.0
Bromobenzene	Ave	0.8110	0.7767		0.0479	0.0500	-4.2	20.0
1,2,3-Trichloropropane	Ave	0.1664	0.1654		0.0497	0.0500	-0.6	20.0
N-Propylbenzene	Ave	0.9810	1.005		0.0512	0.0500	2.5	20.0
2-Chlorotoluene	Ave	0.8900	0.8907		0.0500	0.0500	0.0	20.0
1,3,5-Trimethylbenzene	Ave	3.118	3.274		0.0525	0.0500	5.0	20.0
4-Chlorotoluene	Ave	0.8531	0.8067		0.0473	0.0500	-5.4	20.0
tert-Butylbenzene	Ave	2.995	3.163		0.0528	0.0500	5.6	20.0
1,2,4-Trimethylbenzene	Ave	3.071	3.137		0.0511	0.0500	2.2	20.0
sec-Butylbenzene	Ave	4.052	4.240		0.0523	0.0500	4.7	20.0
1,3-Dichlorobenzene	Ave	1.760	1.640	0.6000	0.0466	0.0500	-6.8	20.0
4-Isopropyltoluene	Ave	3.533	3.850		0.0545	0.0500	9.0	20.0
1,4-Dichlorobenzene	Ave	1.824	1.614	0.5000	0.0443	0.0500	-11.5	20.0
n-Butylbenzene	Ave	2.960	2.914		0.0492	0.0500	-1.6	20.0
1,2-Dichlorobenzene	Ave	1.701	1.599	0.4000	0.0470	0.0500	-6.0	20.0
1,2-Dibromo-3-Chloropropane	Qua		0.0748	0.0500	0.0461	0.0500	-7.7	20.0
1,2,4-Trichlorobenzene	Ave	1.201	0.9877	0.2000	0.0411	0.0500	-17.7	20.0
Hexachlorobutadiene	Ave	0.6558	0.5877		0.0448	0.0500	-10.4	20.0
Naphthalene	Ave	2.060	1.821		0.0442	0.0500	-11.6	20.0
1,2,3-Trichlorobenzene	Ave	0.999	0.8455		0.0423	0.0500	-15.3	20.0
Dibromofluoromethane (Surr)	Lin1		0.2467		0.0468	0.0500	-6.5	20.0
1,2-Dichloroethane-d4 (Surr)	Lin1		0.2633		0.0460	0.0500	-8.0	20.0
Toluene-d8 (Surr)	Lin1		1.405		0.0469	0.0500	-6.3	20.0
4-Bromofluorobenzene (Surr)	Qua		0.8233		0.0497	0.0500	-0.6	20.0

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX14\20121113-14916.b\149123.D
Lims ID: ICV Client ID:
Inject. Date: 13-Nov-2012 23:21:30 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: icv
Misc. Info.: 240-0014916-021 =240-0014916-021
Operator: 002808 Instrument ID: A3UX14
Purge Vol: 5.000 mL ALS Bottle#: 20
Lims Batch ID: 64859 Lims Sample ID: 21
Sublist:
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX14\20121113-14916.b\8260_14.m
Last Update: 14-Nov-2012 15:23:07 Calib Date: 13-Nov-2012 22:59:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX14\20121113-14916.b\149122.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK032

First Level Reviewer: macenczaks Date: 14-Nov-2012 10:19:52

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	1402420	50.0	
* 2 Chlorobenzene-d5	117	9.594	9.594	0.0	98	854220	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.570	11.570	0.0	91	486670	50.0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	62	346036	46.8	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.553	6.541	0.012	97	369189	46.0	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	85	1199789	46.9	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	87	400696	49.7	
12 Dichlorodifluoromethane	85	1.441	1.441	0.0	87	469033	58.2	
13 Chloromethane	50	1.607	1.607	0.0	89	766101	55.8	
14 Vinyl chloride	62	1.737	1.737	0.0	84	573731	53.3	
15 Bromomethane	94	2.069	2.069	0.0	90	168281	48.2	
16 Chloroethane	64	2.187	2.187	0.0	93	311153	50.3	
18 Trichlorofluoromethane	101	2.506	2.506	0.0	86	538964	52.4	
19 Ethyl ether	59	2.873	2.873	0.0	98	345390	49.9	
20 Acrolein	56	3.039	3.027	0.012	95	119893	125.9	
21 1,1-Dichloroethene	96	3.145	3.145	0.0	84	437403	54.3	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	3.181	3.181	0.0	85	430769	56.0	
22 Acetone	43	3.252	3.252	0.0	97	228485	109.3	
24 Iodomethane	142	3.347	3.347	0.0	100	751451	52.3	
26 Carbon disulfide	76	3.418	3.418	0.0	98	1012088	42.9	
27 Acetonitrile	41	3.666	3.666	0.0	94	134008	153.1	
28 Methyl acetate	43	3.761	3.761	0.0	98	268167	46.7	
30 Methylene Chloride	84	3.879	3.879	0.0	88	463879	52.0	
31 2-Methyl-2-propanol	59	4.187	4.187	0.0	87	420866	1036.9	
32 Acrylonitrile	53	4.305	4.305	0.0	95	399908	147.4	
33 trans-1,2-Dichloroethene	96	4.317	4.317	0.0	88	461800	51.0	
34 Methyl tert-butyl ether	73	4.352	4.352	0.0	88	944208	51.6	
35 Hexane	86	4.743	4.743	0.0	96	107730	50.6	
36 1,1-Dichloroethane	63	4.920	4.920	0.0	86	902910	52.0	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
37 Vinyl acetate	86	5.039	5.039	0.0	96	41693	54.0	
38 Isopropyl ether	87	5.074	5.074	0.0	97	354881	50.0	
43 2,2-Dichloropropane	77	5.642	5.642	0.0	71	307578	52.7	
42 cis-1,2-Dichloroethene	96	5.654	5.654	0.0	76	466246	51.2	
41 2-Butanone (MEK)	43	5.701	5.701	0.0	97	260669	95.7	
47 Chlorobromomethane	128	5.926	5.926	0.0	88	201179	50.2	
48 Tetrahydrofuran	42	5.985	5.985	0.0	92	97672	50.5	
49 Chloroform	83	6.033	6.033	0.0	84	728891	50.1	
50 1,1,1-Trichloroethane	97	6.210	6.210	0.0	90	596821	53.4	
51 Cyclohexane	56	6.257	6.257	0.0	95	1137308	50.2	
52 1,1-Dichloropropene	75	6.388	6.388	0.0	83	567548	50.7	
53 Carbon tetrachloride	117	6.388	6.388	0.0	78	551470	49.4	
54 Isobutyl alcohol	41	6.589	6.589	0.0	91	522747	2567.9	
55 Benzene	78	6.601	6.601	0.0	97	1561820	50.0	
56 1,2-Dichloroethane	62	6.624	6.624	0.0	87	559509	50.0	
60 Trichloroethene	130	7.240	7.240	0.0	92	443715	50.1	
63 Methylcyclohexane	83	7.417	7.417	0.0	95	878973	51.0	
62 1,2-Dichloropropane	63	7.453	7.453	0.0	89	400862	50.9	
65 Dibromomethane	93	7.559	7.559	0.0	91	174181	50.8	
67 Dichlorobromomethane	83	7.713	7.713	0.0	91	366716	43.6	
69 2-Chloroethyl vinyl ether	63	7.997	7.997	0.0	89	110254	50.7	
70 cis-1,3-Dichloropropene	75	8.115	8.115	0.0	84	372135	44.4	
71 4-Methyl-2-pentanone (MIBK)	43	8.257	8.257	0.0	99	573819	108.9	
72 Toluene	91	8.411	8.411	0.0	91	1444386	48.1	
73 trans-1,3-Dichloropropene	75	8.600	8.600	0.0	90	276042	41.8	
75 1,1,2-Trichloroethane	97	8.766	8.766	0.0	89	210258	51.5	
77 Tetrachloroethene	164	8.884	8.884	0.0	90	319462	46.7	
76 1,3-Dichloropropane	76	8.908	8.908	0.0	95	356030	49.9	
78 2-Hexanone	43	8.979	8.979	0.0	98	262293	95.6	
79 Chlorodibromomethane	129	9.109	9.109	0.0	88	204089	45.0	
123 Ethylene Dibromide	107	9.204	9.204	0.0	99	202366	50.9	
82 Chlorobenzene	112	9.618	9.618	0.0	91	925660	47.0	
83 1,1,1,2-Tetrachloroethane	131	9.689	9.689	0.0	87	368576	50.0	
84 Ethylbenzene	106	9.713	9.713	0.0	98	515733	48.5	
10 m-Xylene & p-Xylene	106	9.807	9.807	0.0	98	1273780	97.8	
85 o-Xylene	106	10.150	10.151	0.0	95	692830	49.8	
86 Styrene	104	10.162	10.162	0.0	94	900448	50.6	
87 Bromoform	173	10.328	10.328	0.0	97	96268	43.1	
88 Isopropylbenzene	105	10.458	10.458	0.0	96	1919746	51.1	
89 Cyclohexanone	55	10.541	10.541	0.0	85	227149	185.2	
90 1,1,2,2-Tetrachloroethane	83	10.707	10.707	0.0	84	253909	52.2	
91 Bromobenzene	156	10.718	10.718	0.0	93	378015	47.9	
92 1,2,3-Trichloropropane	110	10.742	10.742	0.0	74	80492	49.7	
93 trans-1,4-Dichloro-2-butene	53	10.754	10.754	0.0	66	144583	87.8	
94 N-Propylbenzene	120	10.801	10.801	0.0	97	489324	51.2	
95 2-Chlorotoluene	126	10.884	10.884	0.0	97	433461	50.0	
96 1,3,5-Trimethylbenzene	105	10.943	10.943	0.0	92	1593243	52.5	
104 4-Chlorotoluene	126	10.967	10.967	0.0	98	392610	47.3	
97 tert-Butylbenzene	119	11.227	11.227	0.0	89	1539142	52.8	
98 1,2,4-Trimethylbenzene	105	11.263	11.263	0.0	96	1526891	51.1	
99 sec-Butylbenzene	105	11.417	11.417	0.0	94	2063575	52.3	
100 1,3-Dichlorobenzene	146	11.511	11.511	0.0	91	798057	46.6	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
101 4-Isopropyltoluene	119	11.535	11.535	0.0	91	1873594	54.5	
102 1,4-Dichlorobenzene	146	11.582	11.582	0.0	89	785726	44.3	
103 1,2,3-Trimethylbenzene	105	11.630	11.630	0.0	86	1557602	53.4	
105 n-Butylbenzene	91	11.878	11.878	0.0	94	1418075	49.2	
106 1,2-Dichlorobenzene	146	11.902	11.902	0.0	97	778420	47.0	
107 1,2-Dibromo-3-Chloropropane	157	12.553	12.553	0.0	71	36392	46.1	
109 1,2,4-Trichlorobenzene	180	13.239	13.239	0.0	93	480661	41.1	
110 Hexachlorobutadiene	225	13.369	13.369	0.0	95	286005	44.8	
111 Naphthalene	128	13.440	13.440	0.0	97	886111	44.2	
112 1,2,3-Trichlorobenzene	180	13.629	13.629	0.0	93	411483	42.3	
S 137 Trihalomethanes, Total	1				0		181.9	
S 11 1,2-Dichloroethene, Total	96				0		102.2	
S 114 Xylenes, Total	106				0		147.6	

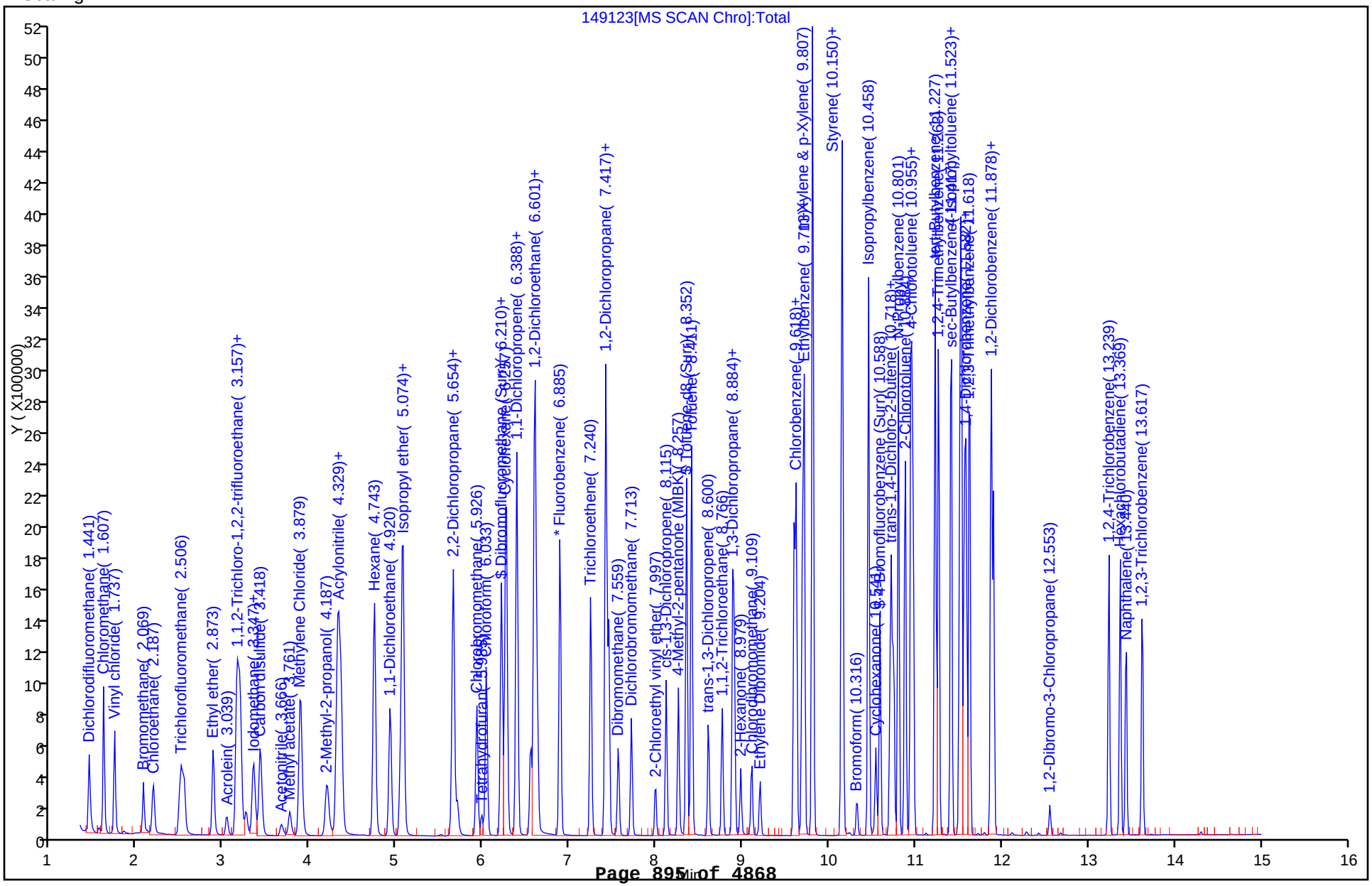
Report Date: 14-Nov-2012 15:23:08 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121113-14916.b\149123.D

Injection Date:	13-Nov-2012 23:21:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	64859	Lims Sample ID:	21
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: ICV 240-64859/21 Calibration Date: 11/13/2012 23:21

Instrument ID: A3UX14 Calib Start Date: 11/13/2012 20:07

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 11/13/2012 22:59

Lab File ID: 149123.D Conc. Units: ng/uL Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Cyclohexanone	Ave	0.0718	0.0133		0.185	1.00	-81.5*	20.0
1,2,3-Trimethylbenzene	Ave	2.995	3.201		0.0534	0.0500	6.9	20.0

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX14\20121113-14916.b\149123.D
Lims ID: ICV Client ID:
Inject. Date: 13-Nov-2012 23:21:30 Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: icv
Misc. Info.: 240-0014916-021 =240-0014916-021
Operator: 002808 Instrument ID: A3UX14
Purge Vol: 5.000 mL ALS Bottle#: 20
Lims Batch ID: 64859 Lims Sample ID: 21
Sublist:
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX14\20121113-14916.b\8260_14.m
Last Update: 14-Nov-2012 15:23:07 Calib Date: 13-Nov-2012 22:59:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX14\20121113-14916.b\149122.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK032

First Level Reviewer: macenczaks Date: 14-Nov-2012 10:19:52

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	1402420	50.0	
* 2 Chlorobenzene-d5	117	9.594	9.594	0.0	98	854220	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.570	11.570	0.0	91	486670	50.0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	62	346036	46.8	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.553	6.541	0.012	97	369189	46.0	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	85	1199789	46.9	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	87	400696	49.7	
12 Dichlorodifluoromethane	85	1.441	1.441	0.0	87	469033	58.2	
13 Chloromethane	50	1.607	1.607	0.0	89	766101	55.8	
14 Vinyl chloride	62	1.737	1.737	0.0	84	573731	53.3	
15 Bromomethane	94	2.069	2.069	0.0	90	168281	48.2	
16 Chloroethane	64	2.187	2.187	0.0	93	311153	50.3	
18 Trichlorofluoromethane	101	2.506	2.506	0.0	86	538964	52.4	
19 Ethyl ether	59	2.873	2.873	0.0	98	345390	49.9	
20 Acrolein	56	3.039	3.027	0.012	95	119893	125.9	
21 1,1-Dichloroethene	96	3.145	3.145	0.0	84	437403	54.3	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	3.181	3.181	0.0	85	430769	56.0	
22 Acetone	43	3.252	3.252	0.0	97	228485	109.3	
24 Iodomethane	142	3.347	3.347	0.0	100	751451	52.3	
26 Carbon disulfide	76	3.418	3.418	0.0	98	1012088	42.9	
27 Acetonitrile	41	3.666	3.666	0.0	94	134008	153.1	
28 Methyl acetate	43	3.761	3.761	0.0	98	268167	46.7	
30 Methylene Chloride	84	3.879	3.879	0.0	88	463879	52.0	
31 2-Methyl-2-propanol	59	4.187	4.187	0.0	87	420866	1036.9	
32 Acrylonitrile	53	4.305	4.305	0.0	95	399908	147.4	
33 trans-1,2-Dichloroethene	96	4.317	4.317	0.0	88	461800	51.0	
34 Methyl tert-butyl ether	73	4.352	4.352	0.0	88	944208	51.6	
35 Hexane	86	4.743	4.743	0.0	96	107730	50.6	
36 1,1-Dichloroethane	63	4.920	4.920	0.0	86	902910	52.0	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
37 Vinyl acetate	86	5.039	5.039	0.0	96	41693	54.0	
38 Isopropyl ether	87	5.074	5.074	0.0	97	354881	50.0	
43 2,2-Dichloropropane	77	5.642	5.642	0.0	71	307578	52.7	
42 cis-1,2-Dichloroethene	96	5.654	5.654	0.0	76	466246	51.2	
41 2-Butanone (MEK)	43	5.701	5.701	0.0	97	260669	95.7	
47 Chlorobromomethane	128	5.926	5.926	0.0	88	201179	50.2	
48 Tetrahydrofuran	42	5.985	5.985	0.0	92	97672	50.5	
49 Chloroform	83	6.033	6.033	0.0	84	728891	50.1	
50 1,1,1-Trichloroethane	97	6.210	6.210	0.0	90	596821	53.4	
51 Cyclohexane	56	6.257	6.257	0.0	95	1137308	50.2	
52 1,1-Dichloropropene	75	6.388	6.388	0.0	83	567548	50.7	
53 Carbon tetrachloride	117	6.388	6.388	0.0	78	551470	49.4	
54 Isobutyl alcohol	41	6.589	6.589	0.0	91	522747	2567.9	
55 Benzene	78	6.601	6.601	0.0	97	1561820	50.0	
56 1,2-Dichloroethane	62	6.624	6.624	0.0	87	559509	50.0	
60 Trichloroethene	130	7.240	7.240	0.0	92	443715	50.1	
63 Methylcyclohexane	83	7.417	7.417	0.0	95	878973	51.0	
62 1,2-Dichloropropane	63	7.453	7.453	0.0	89	400862	50.9	
65 Dibromomethane	93	7.559	7.559	0.0	91	174181	50.8	
67 Dichlorobromomethane	83	7.713	7.713	0.0	91	366716	43.6	
69 2-Chloroethyl vinyl ether	63	7.997	7.997	0.0	89	110254	50.7	
70 cis-1,3-Dichloropropene	75	8.115	8.115	0.0	84	372135	44.4	
71 4-Methyl-2-pentanone (MIBK)	43	8.257	8.257	0.0	99	573819	108.9	
72 Toluene	91	8.411	8.411	0.0	91	1444386	48.1	
73 trans-1,3-Dichloropropene	75	8.600	8.600	0.0	90	276042	41.8	
75 1,1,2-Trichloroethane	97	8.766	8.766	0.0	89	210258	51.5	
77 Tetrachloroethene	164	8.884	8.884	0.0	90	319462	46.7	
76 1,3-Dichloropropane	76	8.908	8.908	0.0	95	356030	49.9	
78 2-Hexanone	43	8.979	8.979	0.0	98	262293	95.6	
79 Chlorodibromomethane	129	9.109	9.109	0.0	88	204089	45.0	
123 Ethylene Dibromide	107	9.204	9.204	0.0	99	202366	50.9	
82 Chlorobenzene	112	9.618	9.618	0.0	91	925660	47.0	
83 1,1,1,2-Tetrachloroethane	131	9.689	9.689	0.0	87	368576	50.0	
84 Ethylbenzene	106	9.713	9.713	0.0	98	515733	48.5	
10 m-Xylene & p-Xylene	106	9.807	9.807	0.0	98	1273780	97.8	
85 o-Xylene	106	10.150	10.151	0.0	95	692830	49.8	
86 Styrene	104	10.162	10.162	0.0	94	900448	50.6	
87 Bromoform	173	10.328	10.328	0.0	97	96268	43.1	
88 Isopropylbenzene	105	10.458	10.458	0.0	96	1919746	51.1	
89 Cyclohexanone	55	10.541	10.541	0.0	85	227149	185.2	
90 1,1,2,2-Tetrachloroethane	83	10.707	10.707	0.0	84	253909	52.2	
91 Bromobenzene	156	10.718	10.718	0.0	93	378015	47.9	
92 1,2,3-Trichloropropane	110	10.742	10.742	0.0	74	80492	49.7	
93 trans-1,4-Dichloro-2-butene	53	10.754	10.754	0.0	66	144583	87.8	
94 N-Propylbenzene	120	10.801	10.801	0.0	97	489324	51.2	
95 2-Chlorotoluene	126	10.884	10.884	0.0	97	433461	50.0	
96 1,3,5-Trimethylbenzene	105	10.943	10.943	0.0	92	1593243	52.5	
104 4-Chlorotoluene	126	10.967	10.967	0.0	98	392610	47.3	
97 tert-Butylbenzene	119	11.227	11.227	0.0	89	1539142	52.8	
98 1,2,4-Trimethylbenzene	105	11.263	11.263	0.0	96	1526891	51.1	
99 sec-Butylbenzene	105	11.417	11.417	0.0	94	2063575	52.3	
100 1,3-Dichlorobenzene	146	11.511	11.511	0.0	91	798057	46.6	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
101 4-Isopropyltoluene	119	11.535	11.535	0.0	91	1873594	54.5	
102 1,4-Dichlorobenzene	146	11.582	11.582	0.0	89	785726	44.3	
103 1,2,3-Trimethylbenzene	105	11.630	11.630	0.0	86	1557602	53.4	
105 n-Butylbenzene	91	11.878	11.878	0.0	94	1418075	49.2	
106 1,2-Dichlorobenzene	146	11.902	11.902	0.0	97	778420	47.0	
107 1,2-Dibromo-3-Chloropropane	157	12.553	12.553	0.0	71	36392	46.1	
109 1,2,4-Trichlorobenzene	180	13.239	13.239	0.0	93	480661	41.1	
110 Hexachlorobutadiene	225	13.369	13.369	0.0	95	286005	44.8	
111 Naphthalene	128	13.440	13.440	0.0	97	886111	44.2	
112 1,2,3-Trichlorobenzene	180	13.629	13.629	0.0	93	411483	42.3	
S 137 Trihalomethanes, Total	1				0		181.9	
S 11 1,2-Dichloroethene, Total	96				0		102.2	
S 114 Xylenes, Total	106				0		147.6	

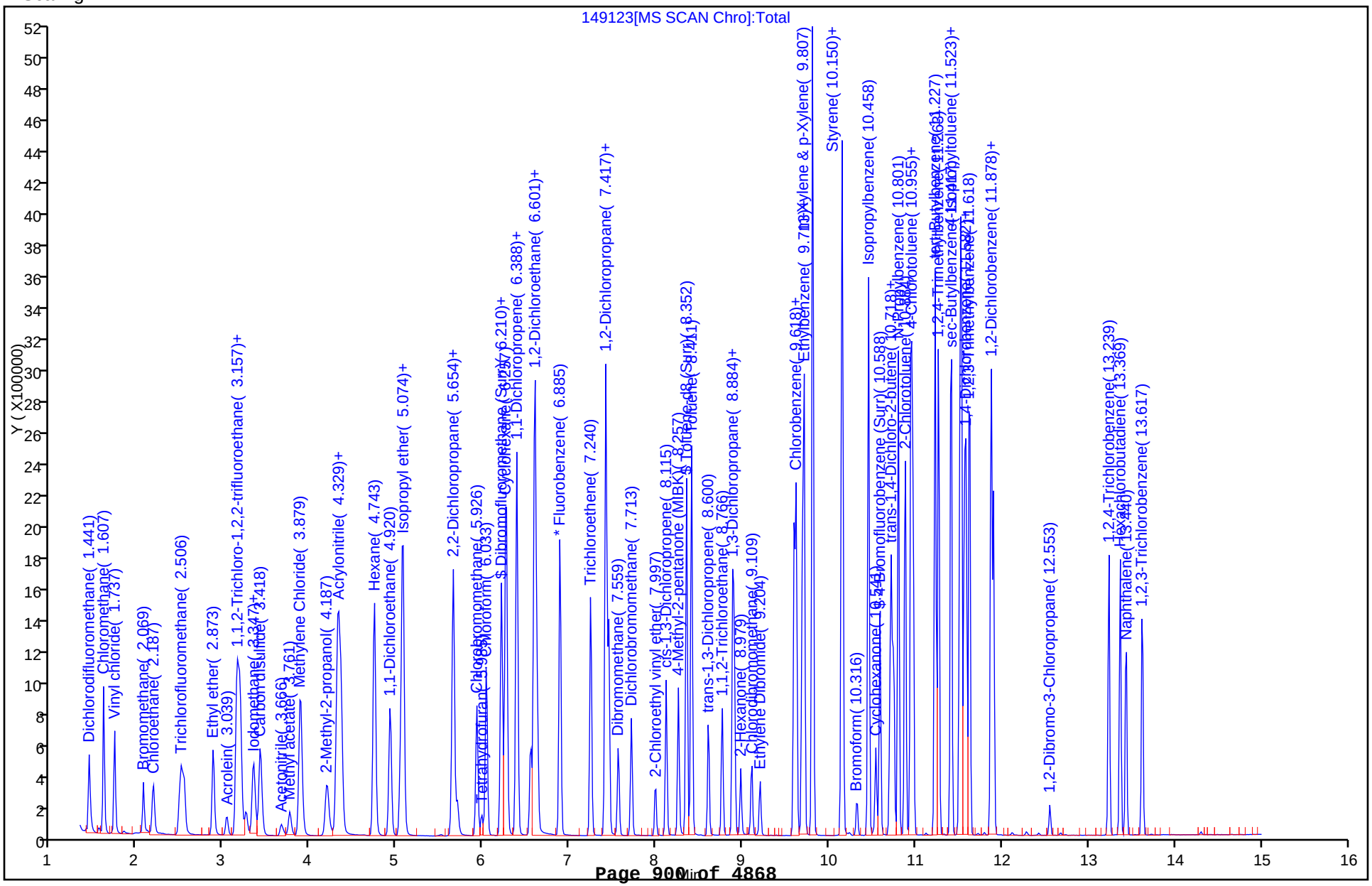
Report Date: 14-Nov-2012 15:23:08 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121113-14916.b\149123.D

Injection Date:	13-Nov-2012 23:21:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	64859	Lims Sample ID:	21
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: CCV 240-64980/3 Calibration Date: 11/14/2012 12:35

Instrument ID: A3UX14 Calib Start Date: 11/13/2012 16:53

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 11/13/2012 19:45

Lab File ID: 149138.D Conc. Units: ng/uL Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.2874	0.2770	0.1000	0.0482	0.0500	-3.6	20.0
Chloromethane	Ave	0.4898	0.4596	0.1000	0.0469	0.0500	-6.2	20.0
Vinyl chloride	Ave	0.3840	0.3778	0.1000	0.0492	0.0500	-1.6	20.0
Bromomethane	Lin1		0.1323	0.0500	0.0533	0.0500	6.6	20.0
Chloroethane	Ave	0.2207	0.2162	0.0500	0.0490	0.0500	-2.0	20.0
Trichlorofluoromethane	Ave	0.3665	0.3827	0.1000	0.0522	0.0500	4.4	20.0
1,1-Dichloroethene	Ave	0.2874	0.2834	0.1000	0.0493	0.0500	-1.4	20.0
1,1,2-Trichloro-1,2,2-triflu oroethane	Ave	0.2745	0.2808	0.0500	0.0512	0.0500	2.3	20.0
Acetone	Lin1		0.0794	0.0500	0.106	0.100	6.3	20.0
Iodomethane	Ave	0.5119	0.5051		0.0493	0.0500	-1.3	20.0
Carbon disulfide	Lin1		0.7254	0.1000	0.0431	0.0500	-13.7	20.0
Methyl acetate	Ave	0.2047	0.1924	0.1000	0.0940	0.100	-6.0	20.0
Methylene Chloride	Lin1		0.3236	0.1000	0.0507	0.0500	1.4	20.0
2-Methyl-2-propanol	Ave	0.0145	0.0134		0.928	1.00	-7.2	20.0
trans-1,2-Dichloroethene	Ave	0.3227	0.3157	0.1000	0.0489	0.0500	-2.2	20.0
Methyl tert-butyl ether	Ave	0.6527	0.6398	0.1000	0.0490	0.0500	-2.0	20.0
1,1-Dichloroethane	Ave	0.6187	0.6108	0.1000	0.0494	0.0500	-1.3	20.0
Vinyl acetate	Lin1		0.0239		0.0434	0.0500	-13.1	20.0
2,2-Dichloropropane	Ave	0.2081	0.2417		0.0581	0.0500	16.1	20.0
cis-1,2-Dichloroethene	Ave	0.3249	0.3247	0.1000	0.0500	0.0500	-0.0	20.0
2-Butanone (MEK)	Lin1		0.0946	0.0500	0.0974	0.100	-2.6	20.0
Bromochloromethane	Ave	0.1429	0.1413		0.0494	0.0500	-1.1	20.0
Chloroform	Ave	0.5184	0.5175	0.2000	0.0499	0.0500	-0.2	20.0
1,1,1-Trichloroethane	Ave	0.3984	0.4404	0.1000	0.0553	0.0500	10.5	20.0
Cyclohexane	Ave	0.8073	0.8238	0.1000	0.0510	0.0500	2.0	20.0
1,1-Dichloropropene	Ave	0.3995	0.4134		0.0517	0.0500	3.5	20.0
Carbon tetrachloride	Lin1		0.4003	0.1000	0.0503	0.0500	0.6	20.0
Benzene	Ave	1.113	1.077	0.5000	0.0483	0.0500	-3.3	20.0
1,2-Dichloroethane	Ave	0.3993	0.3936	0.1000	0.0493	0.0500	-1.4	20.0
Trichloroethene	Ave	0.3155	0.3127	0.2000	0.0495	0.0500	-0.9	20.0
Methylcyclohexane	Ave	0.6141	0.6399	0.1000	0.0521	0.0500	4.2	20.0
1,2-Dichloropropane	Ave	0.2810	0.2814	0.1000	0.0501	0.0500	0.1	20.0
Dibromomethane	Ave	0.1221	0.1225		0.0501	0.0500	0.3	20.0
Bromodichloromethane	Lin1		0.2609	0.1000	0.0435	0.0500	-12.9	20.0
cis-1,3-Dichloropropene	Qua		0.2798	0.1500	0.0467	0.0500	-6.7	20.0
4-Methyl-2-pentanone (MIBK)	Ave	0.3084	0.3217	0.0500	0.104	0.100	4.3	20.0
Toluene	Ave	1.758	1.733	0.4000	0.0493	0.0500	-1.4	20.0
trans-1,3-Dichloropropene	Lin1		0.3384	0.1000	0.0437	0.0500	-12.5	20.0
1,1,2-Trichloroethane	Ave	0.2389	0.2400	0.1000	0.0502	0.0500	0.5	20.0
Tetrachloroethene	Ave	0.4007	0.3987	0.2000	0.0497	0.0500	-0.5	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: CCV 240-64980/3 Calibration Date: 11/14/2012 12:35

Instrument ID: A3UX14 Calib Start Date: 11/13/2012 16:53

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 11/13/2012 19:45

Lab File ID: 149138.D Conc. Units: ng/uL Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,3-Dichloropropane	Ave	0.4174	0.4126		0.0494	0.0500	-1.2	20.0
2-Hexanone	Ave	0.1605	0.1573	0.0500	0.0980	0.100	-2.0	20.0
Dibromochloromethane	Qua		0.2532		0.0475	0.0500	-5.1	20.0
1,2-Dibromoethane	Ave	0.2326	0.2365		0.0508	0.0500	1.7	20.0
Chlorobenzene	Ave	1.153	1.090	0.3000	0.0473	0.0500	-5.5	20.0
1,1,1,2-Tetrachloroethane	Lin1		0.4279		0.0496	0.0500	-0.8	20.0
Ethylbenzene	Ave	0.6221	0.6194		0.0498	0.0500	-0.4	20.0
m-Xylene & p-Xylene	Ave	0.7625	0.7698		0.101	0.100	1.0	20.0
o-Xylene	Ave	0.8137	0.8078		0.0496	0.0500	-0.7	20.0
Styrene	Ave	1.042	1.070	0.3000	0.0514	0.0500	2.8	20.0
Bromoform	Qua		0.1181	0.1000	0.0449	0.0500	-10.2	20.0
Isopropylbenzene	Ave	2.198	2.289	0.1000	0.0521	0.0500	4.1	20.0
1,1,2,2-Tetrachloroethane	Ave	0.4994	0.5285	0.3000	0.0529	0.0500	5.8	20.0
Bromobenzene	Ave	0.8110	0.7916		0.0488	0.0500	-2.4	20.0
1,2,3-Trichloropropane	Ave	0.1664	0.1646		0.0495	0.0500	-1.1	20.0
N-Propylbenzene	Ave	0.9810	1.047		0.0534	0.0500	6.7	20.0
2-Chlorotoluene	Ave	0.8900	0.9225		0.0518	0.0500	3.7	20.0
1,3,5-Trimethylbenzene	Ave	3.118	3.387		0.0543	0.0500	8.6	20.0
4-Chlorotoluene	Ave	0.8531	0.8388		0.0492	0.0500	-1.7	20.0
tert-Butylbenzene	Ave	2.995	3.239		0.0541	0.0500	8.2	20.0
1,2,4-Trimethylbenzene	Ave	3.071	3.214		0.0523	0.0500	4.7	20.0
sec-Butylbenzene	Ave	4.052	4.413		0.0545	0.0500	8.9	20.0
1,3-Dichlorobenzene	Ave	1.760	1.708	0.6000	0.0485	0.0500	-2.9	20.0
4-Isopropyltoluene	Ave	3.533	3.841		0.0544	0.0500	8.7	20.0
1,4-Dichlorobenzene	Ave	1.824	1.672	0.5000	0.0458	0.0500	-8.4	20.0
n-Butylbenzene	Ave	2.960	3.135		0.0530	0.0500	5.9	20.0
1,2-Dichlorobenzene	Ave	1.701	1.605	0.4000	0.0472	0.0500	-5.6	20.0
1,2-Dibromo-3-Chloropropane	Qua		0.0717	0.0500	0.0444	0.0500	-11.3	20.0
1,2,4-Trichlorobenzene	Ave	1.201	1.069	0.2000	0.0445	0.0500	-11.0	20.0
Hexachlorobutadiene	Ave	0.6558	0.6307		0.0481	0.0500	-3.8	20.0
Naphthalene	Ave	2.060	1.804		0.0438	0.0500	-12.5	20.0
1,2,3-Trichlorobenzene	Ave	0.999	0.8317		0.0416	0.0500	-16.7	20.0
Dibromofluoromethane (Surr)	Lin1		0.2457		0.0466	0.0500	-6.9	20.0
1,2-Dichloroethane-d4 (Surr)	Lin1		0.2658		0.0465	0.0500	-7.0	20.0
Toluene-d8 (Surr)	Lin1		1.427		0.0476	0.0500	-4.7	20.0
4-Bromofluorobenzene (Surr)	Qua		0.7946		0.0480	0.0500	-4.1	20.0

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX14\20121114-14942.b\149138.D
Lims ID: CCVIS Client ID:
Inject. Date: 14-Nov-2012 12:35:30 Dil. Factor: 1.0000
Sample Type: CCVIS
Sample ID: ccvis
Misc. Info.: 240-0014942-003 =240-0014942-003
Operator: 002808 Instrument ID: A3UX14
Purge Vol: 5.000 mL ALS Bottle#: 2
Lims Batch ID: 64980 Lims Sample ID: 3
Sublist: chrom-8260_14*sub16
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX14\20121114-14942.b\8260_14.m
Last Update: 15-Nov-2012 10:40:31 Calib Date: 13-Nov-2012 22:59:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX14\20121113-14916.b\149122.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK025

First Level Reviewer: macenczaks Date: 14-Nov-2012 12:58:32

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	1470862	50.0	
* 2 Chlorobenzene-d5	117	9.595	9.595	0.0	98	885740	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.571	11.571	0.0	99	498264	50.0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	73	361327	46.6	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.553	6.553	0.0	96	391008	46.5	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	85	1264079	47.6	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	89	395917	48.0	
12 Dichlorodifluoromethane	85	1.442	1.442	0.0	87	407350	48.2	
13 Chloromethane	50	1.607	1.607	0.0	89	675987	46.9	
14 Vinyl chloride	62	1.737	1.737	0.0	83	555753	49.2	
15 Bromomethane	94	2.069	2.069	0.0	91	194651	53.3	
16 Chloroethane	64	2.187	2.187	0.0	93	318056	49.0	
18 Trichlorofluoromethane	101	2.507	2.507	0.0	87	562845	52.2	
20 Acrolein	56	3.027	3.027	0.0	94	463279	463.9	
21 1,1-Dichloroethene	96	3.146	3.146	0.0	84	416819	49.3	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	3.181	3.181	0.0	85	413053	51.2	
22 Acetone	43	3.252	3.252	0.0	97	233424	106.3	
24 Iodomethane	142	3.347	3.347	0.0	99	742921	49.3	
26 Carbon disulfide	76	3.418	3.418	0.0	98	1066900	43.1	
27 Acetonitrile	41	3.666	3.666	0.0	100	412078	449.0	
28 Methyl acetate	43	3.761	3.761	0.0	98	565930	94.0	
30 Methylene Chloride	84	3.891	3.891	0.0	89	475926	50.7	
31 2-Methyl-2-propanol	59	4.187	4.187	0.0	88	394870	927.6	
32 Acrylonitrile	53	4.305	4.305	0.0	97	274811	96.6	
33 trans-1,2-Dichloroethene	96	4.317	4.317	0.0	89	464327	48.9	
34 Methyl tert-butyl ether	73	4.353	4.353	0.0	89	940983	49.0	
35 Hexane	86	4.743	4.743	0.0	96	107244	48.0	
36 1,1-Dichloroethane	63	4.921	4.921	0.0	86	898367	49.4	
37 Vinyl acetate	86	5.039	5.039	0.0	97	35083	43.4	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
43 2,2-Dichloropropane	77	5.642	5.642	0.0	74	355565	58.1	
42 cis-1,2-Dichloroethene	96	5.654	5.654	0.0	75	477537	50.0	
41 2-Butanone (MEK)	43	5.701	5.701	0.0	97	278368	97.4	
47 Chlorobromomethane	128	5.926	5.926	0.0	88	207828	49.4	
48 Tetrahydrofuran	42	5.985	5.985	0.0	91	98329	48.5	
49 Chloroform	83	6.033	6.033	0.0	84	761092	49.9	
50 1,1,1-Trichloroethane	97	6.210	6.210	0.0	89	647827	55.3	
51 Cyclohexane	56	6.258	6.258	0.0	95	1211709	51.0	
52 1,1-Dichloropropene	75	6.388	6.388	0.0	83	607977	51.7	
53 Carbon tetrachloride	117	6.388	6.388	0.0	75	588784	50.3	
55 Benzene	78	6.601	6.601	0.0	97	1583485	48.3	
56 1,2-Dichloroethane	62	6.624	6.624	0.0	88	578992	49.3	
60 Trichloroethene	130	7.240	7.240	0.0	91	459915	49.5	
63 Methylcyclohexane	83	7.417	7.417	0.0	98	941168	52.1	
62 1,2-Dichloropropane	63	7.453	7.453	0.0	87	413955	50.1	
65 Dibromomethane	93	7.559	7.559	0.0	89	180116	50.1	
66 1,4-Dioxane	88	7.583	7.583	0.0	95	110409	2375.6	
67 Dichlorobromomethane	83	7.713	7.713	0.0	91	383681	43.5	
69 2-Chloroethyl vinyl ether	63	7.997	7.997	0.0	89	241817	101.4	
70 cis-1,3-Dichloropropene	75	8.115	8.115	0.0	82	411528	46.7	
71 4-Methyl-2-pentanone (MIBK)	43	8.257	8.257	0.0	99	569867	104.3	
72 Toluene	91	8.411	8.411	0.0	97	1534784	49.3	
73 trans-1,3-Dichloropropene	75	8.601	8.601	0.0	90	299704	43.7	
74 Ethyl methacrylate	69	8.683	8.683	0.0	91	226815	44.9	
75 1,1,2-Trichloroethane	97	8.766	8.766	0.0	89	212553	50.2	
77 Tetrachloroethene	164	8.885	8.885	0.0	90	353119	49.7	
76 1,3-Dichloropropane	76	8.908	8.908	0.0	95	365435	49.4	
78 2-Hexanone	43	8.979	8.979	0.0	98	278572	98.0	
79 Chlorodibromomethane	129	9.109	9.109	0.0	88	224275	47.5	
123 Ethylene Dibromide	107	9.204	9.204	0.0	99	209486	50.8	
82 Chlorobenzene	112	9.618	9.618	0.0	91	965697	47.3	
83 1,1,1,2-Tetrachloroethane	131	9.689	9.689	0.0	87	378975	49.6	
84 Ethylbenzene	106	9.713	9.713	0.0	98	548654	49.8	
10 m-Xylene & p-Xylene	106	9.807	9.807	0.0	98	1363763	101.0	
85 o-Xylene	106	10.151	10.151	0.0	95	715521	49.6	
86 Styrene	104	10.162	10.162	0.0	94	947909	51.4	
87 Bromoform	173	10.328	10.328	0.0	97	104619	44.9	
88 Isopropylbenzene	105	10.458	10.458	0.0	96	2027510	52.1	
90 1,1,2,2-Tetrachloroethane	83	10.707	10.707	0.0	86	263312	52.9	
91 Bromobenzene	156	10.719	10.719	0.0	93	394430	48.8	
92 1,2,3-Trichloropropane	110	10.742	10.742	0.0	75	82007	49.5	
93 trans-1,4-Dichloro-2-butene	53	10.754	10.754	0.0	49	78790	46.7	
94 N-Propylbenzene	120	10.801	10.801	0.0	97	521575	53.4	
95 2-Chlorotoluene	126	10.884	10.884	0.0	98	459655	51.8	
96 1,3,5-Trimethylbenzene	105	10.943	10.943	0.0	94	1687752	54.3	
104 4-Chlorotoluene	126	10.967	10.967	0.0	98	417957	49.2	
97 tert-Butylbenzene	119	11.227	11.227	0.0	84	1614056	54.1	
98 1,2,4-Trimethylbenzene	105	11.263	11.263	0.0	96	1601639	52.3	
99 sec-Butylbenzene	105	11.417	11.417	0.0	94	2198884	54.5	
100 1,3-Dichlorobenzene	146	11.511	11.511	0.0	98	850993	48.5	
101 4-Isopropyltoluene	119	11.535	11.535	0.0	89	1913598	54.4	
102 1,4-Dichlorobenzene	146	11.582	11.582	0.0	89	832945	45.8	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
105 n-Butylbenzene	91	11.878	11.878	0.0	94	1562121	53.0	
106 1,2-Dichlorobenzene	146	11.902	11.902	0.0	96	799776	47.2	
107 1,2-Dibromo-3-Chloropropane	157	12.553	12.553	0.0	71	35718	44.4	
108 1,3,5-Trichlorobenzene	180	12.730	12.730	0.0	97	678743	47.4	
109 1,2,4-Trichlorobenzene	180	13.239	13.239	0.0	91	532614	44.5	
110 Hexachlorobutadiene	225	13.369	13.369	0.0	95	314233	48.1	
111 Naphthalene	128	13.440	13.440	0.0	97	898664	43.8	
112 1,2,3-Trichlorobenzene	180	13.630	13.630	0.0	93	414397	41.6	
S 137 Trihalomethanes, Total	1				0		185.8	
S 11 1,2-Dichloroethene, Total	96				0		98.9	
S 9 1,3-Dichloropropene, Total	75				0		90.4	
S 114 Xylenes, Total	106				0		150.6	

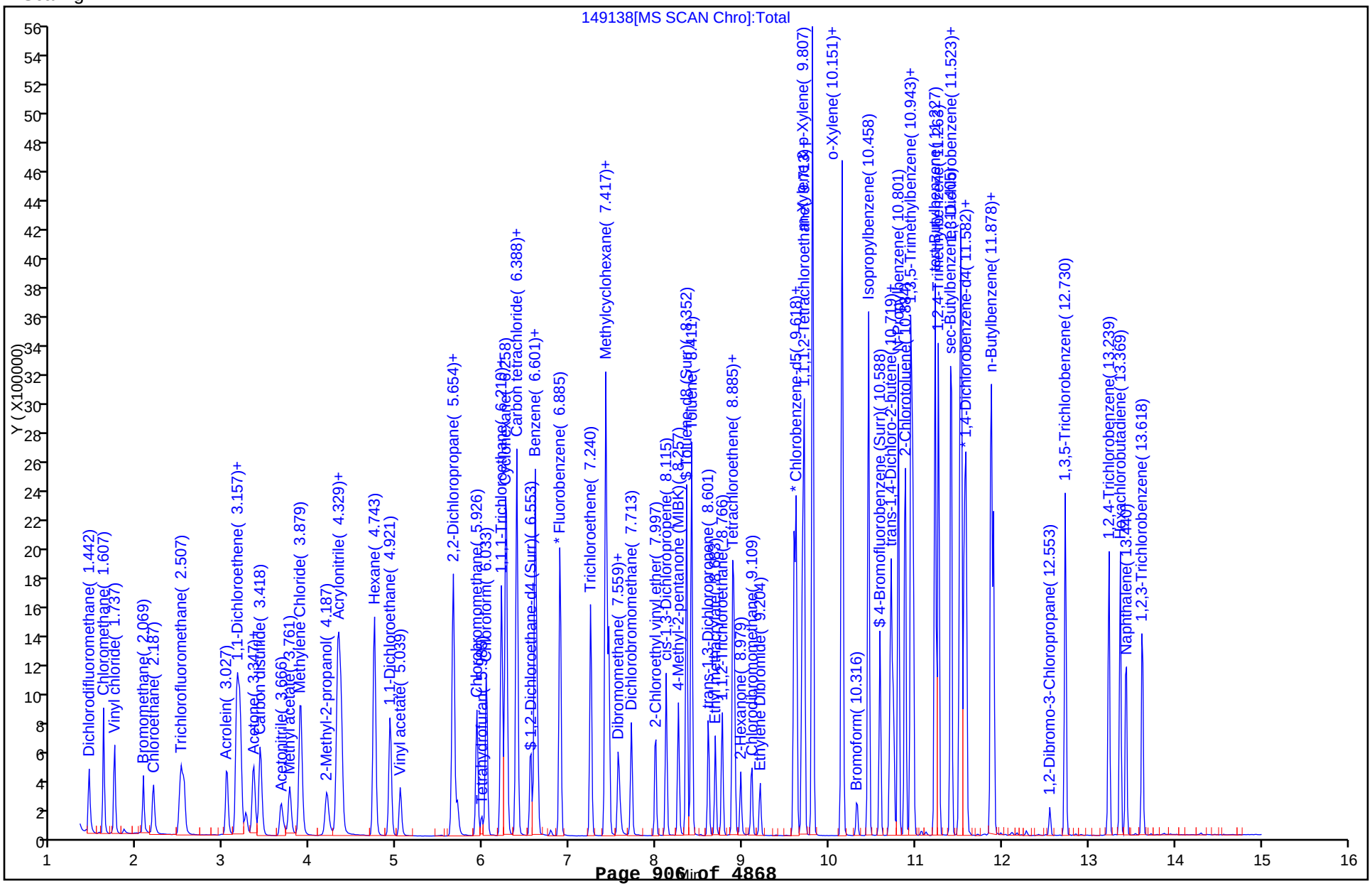
Report Date: 15-Nov-2012 10:40:32 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121114-14942.b\149138.D

Injection Date:	14-Nov-2012 12:35:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	64980	Lims Sample ID:	3
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: CCV 240-64980/4 Calibration Date: 11/14/2012 12:57

Instrument ID: A3UX14 Calib Start Date: 11/13/2012 16:53

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 11/13/2012 19:45

Lab File ID: 149139.D Conc. Units: ng/uL Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dibromofluoromethane (Surr)	Lin1		0.2317		0.0439	0.0500	-12.3	20.0
1,2-Dichloroethane-d4 (Surr)	Lin1		0.2712		0.0474	0.0500	-5.1	20.0
Toluene-d8 (Surr)	Lin1		1.431		0.0478	0.0500	-4.4	20.0
4-Bromofluorobenzene (Surr)	Qua		0.8202		0.0495	0.0500	-1.0	20.0

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A3UX14\20121114-14942.b\149139.D		
Lims ID:	CCV	Client ID:	
Inject. Date:	14-Nov-2012 12:57:30	Dil. Factor:	1.0000
Sample Type:	CCV		
Sample ID:	ccv		
Misc. Info.:	240-0014942-004 =240-0014942-004		
Operator:	002808	Instrument ID:	A3UX14
Purge Vol:	5.000 mL	ALS Bottle#:	3
Lims Batch ID:	64980	Lims Sample ID:	4
Sublist:	chrom-8260_14*sub15		
Detector:	MS SCAN		
Method:	\\NCChrom\ChromData\A3UX14\20121114-14942.b\8260_14.m		
Last Update:	15-Nov-2012 10:40:32	Calib Date:	13-Nov-2012 22:59:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A3UX14\20121113-14916.b\149122.D		
Limit Group:	MSV 8260DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	DB-624	Column Dia:	0.18 mm
Process Host:	XAWRK025		
First Level Reviewer: macenczaks		Date:	14-Nov-2012 13:21:11

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	1468981	50.0	
* 2 Chlorobenzene-d5	117	9.594	9.594	0.0	92	849356	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.571	11.571	0.0	99	475734	50.0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	60	340354	43.9	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.542	6.542	0.0	92	398398	47.4	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	86	1215815	47.8	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	87	390199	49.5	
17 Dichlorofluoromethane	67	2.447	2.447	0.0	84	790555	49.5	
19 Ethyl ether	59	2.873	2.873	0.0	98	338570	46.7	
29 3-Chloro-1-propene	76	3.690	3.690	0.0	84	204825	45.6	
39 2-Chloro-1,3-butadiene	53	5.039	5.039	0.0	80	1006338	53.7	
38 Isopropyl ether	87	5.074	5.074	0.0	96	1831879	246.5	
40 Tert-butyl ethyl ether	59	5.524	5.524	0.0	97	1342611	49.1	
44 Propionitrile	54	5.761	5.761	0.0	98	86848	89.8	
45 Ethyl acetate	43	5.796	5.796	0.0	99	517876	98.8	
46 Methacrylonitrile	41	5.926	5.926	0.0	98	200637	47.6	
54 Isobutyl alcohol	41	6.589	6.589	0.0	91	204644	959.7	
57 Tert-amyl methyl ether	73	6.743	6.743	0.0	86	835075	49.8	
58 n-Heptane	100	6.897	6.897	0.0	96	115572	56.7	
59 n-Butanol	56	7.228	7.228	0.0	97	116870	953.4	
64 Methyl methacrylate	41	7.583	7.583	0.0	88	215836	49.7	
68 2-Nitropropane	41	7.914	7.914	0.0	99	75287	102.6	
132 n-Butyl acetate	43	9.086	9.086	0.0	0	609730	0	
89 Cyclohexanone	55	10.541	10.541	0.0	96	596626	489.2	
103 1,2,3-Trimethylbenzene	105	11.630	11.630	0.0	98	1517536	53.2	
113 2-Methylnaphthalene	142	14.304	14.304	0.0	87	1095355	97.0	

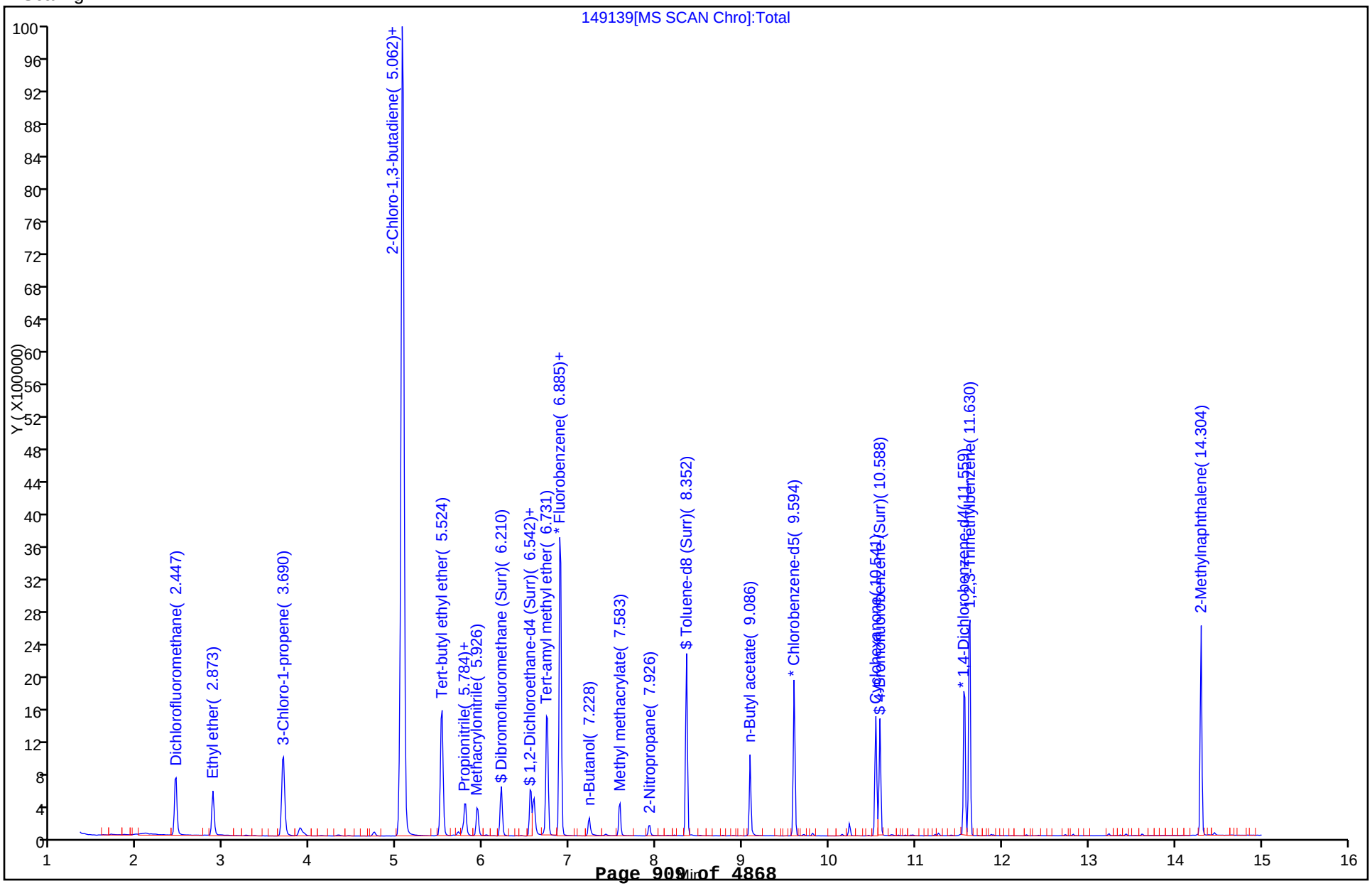
Report Date: 15-Nov-2012 10:40:33 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121114-14942.b\149139.D

Injection Date:	14-Nov-2012 12:57:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	64980	Lims Sample ID:	4
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: CCV 240-64980/4 Calibration Date: 11/14/2012 12:57

Instrument ID: A3UX14 Calib Start Date: 11/13/2012 20:07

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 11/13/2012 22:59

Lab File ID: 149139.D Conc. Units: ng/uL Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorofluoromethane	Ave	0.5441	0.5382		0.0495	0.0500	-1.1	20.0
Cyclohexanone	Ave	0.0718	0.0702		0.489	0.500	-2.2	20.0
1,2,3-Trimethylbenzene	Ave	2.995	3.190		0.0532	0.0500	6.5	20.0

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX14\20121114-14942.b\149139.D
Lims ID: CCV Client ID:
Inject. Date: 14-Nov-2012 12:57:30 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: ccv
Misc. Info.: 240-0014942-004 =240-0014942-004
Operator: 002808 Instrument ID: A3UX14
Purge Vol: 5.000 mL ALS Bottle#: 3
Lims Batch ID: 64980 Lims Sample ID: 4
Sublist: chrom-8260_14*sub15
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX14\20121114-14942.b\8260_14.m
Last Update: 15-Nov-2012 10:40:32 Calib Date: 13-Nov-2012 22:59:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX14\20121113-14916.b\149122.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK025

First Level Reviewer: macenczaks Date: 14-Nov-2012 13:21:11

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	1468981	50.0	
* 2 Chlorobenzene-d5	117	9.594	9.594	0.0	92	849356	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.571	11.571	0.0	99	475734	50.0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	60	340354	43.9	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.542	6.542	0.0	92	398398	47.4	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	86	1215815	47.8	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	87	390199	49.5	
17 Dichlorofluoromethane	67	2.447	2.447	0.0	84	790555	49.5	
19 Ethyl ether	59	2.873	2.873	0.0	98	338570	46.7	
29 3-Chloro-1-propene	76	3.690	3.690	0.0	84	204825	45.6	
39 2-Chloro-1,3-butadiene	53	5.039	5.039	0.0	80	1006338	53.7	
38 Isopropyl ether	87	5.074	5.074	0.0	96	1831879	246.5	
40 Tert-butyl ethyl ether	59	5.524	5.524	0.0	97	1342611	49.1	
44 Propionitrile	54	5.761	5.761	0.0	98	86848	89.8	
45 Ethyl acetate	43	5.796	5.796	0.0	99	517876	98.8	
46 Methacrylonitrile	41	5.926	5.926	0.0	98	200637	47.6	
54 Isobutyl alcohol	41	6.589	6.589	0.0	91	204644	959.7	
57 Tert-amyl methyl ether	73	6.743	6.743	0.0	86	835075	49.8	
58 n-Heptane	100	6.897	6.897	0.0	96	115572	56.7	
59 n-Butanol	56	7.228	7.228	0.0	97	116870	953.4	
64 Methyl methacrylate	41	7.583	7.583	0.0	88	215836	49.7	
68 2-Nitropropane	41	7.914	7.914	0.0	99	75287	102.6	
132 n-Butyl acetate	43	9.086	9.086	0.0	0	609730	0	
89 Cyclohexanone	55	10.541	10.541	0.0	96	596626	489.2	
103 1,2,3-Trimethylbenzene	105	11.630	11.630	0.0	98	1517536	53.2	
113 2-Methylnaphthalene	142	14.304	14.304	0.0	87	1095355	97.0	

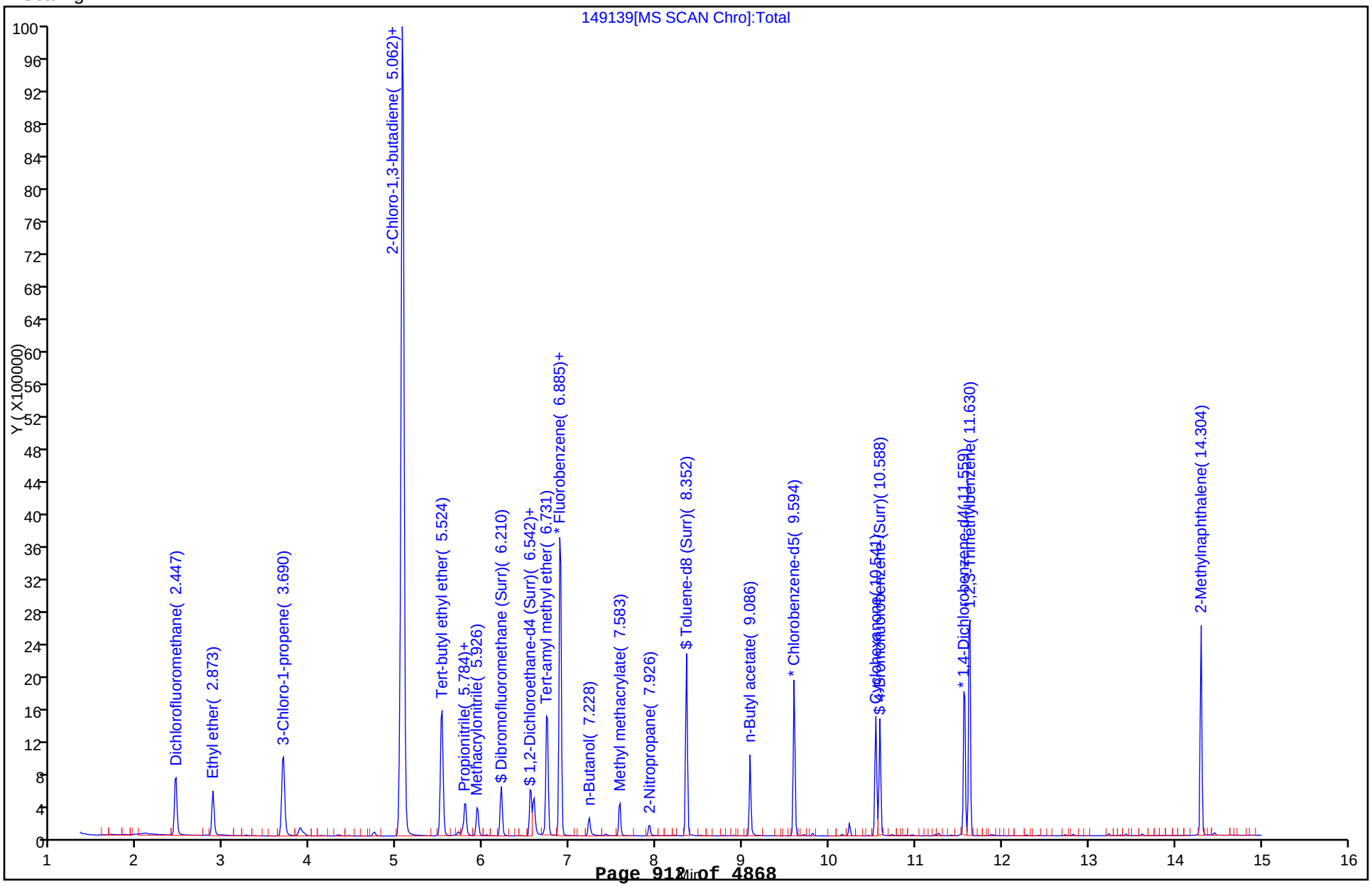
Report Date: 15-Nov-2012 10:40:33 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121114-14942.b\149139.D

Injection Date:	14-Nov-2012 12:57:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	64980	Lims Sample ID:	4
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: CCV 240-65171/3 Calibration Date: 11/15/2012 11:37

Instrument ID: A3UX14 Calib Start Date: 11/13/2012 16:53

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 11/13/2012 19:45

Lab File ID: 149171.D Conc. Units: ng/uL Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.2874	0.2903	0.1000	0.0505	0.0500	1.0	20.0
Chloromethane	Ave	0.4898	0.4755	0.1000	0.0485	0.0500	-2.9	20.0
Vinyl chloride	Ave	0.3840	0.3827	0.1000	0.0498	0.0500	-0.4	20.0
Bromomethane	Lin1		0.1268	0.0500	0.0510	0.0500	2.0	20.0
Chloroethane	Ave	0.2207	0.2109	0.0500	0.0478	0.0500	-4.4	20.0
Trichlorofluoromethane	Ave	0.3665	0.3731	0.1000	0.0509	0.0500	1.8	20.0
1,1-Dichloroethene	Ave	0.2874	0.2772	0.1000	0.0482	0.0500	-3.6	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2745	0.2653	0.0500	0.0483	0.0500	-3.3	20.0
Acetone	Lin1		0.0726	0.0500	0.0967	0.100	-3.3	20.0
Iodomethane	Ave	0.5119	0.4769		0.0466	0.0500	-6.8	20.0
Carbon disulfide	Lin1		0.6802	0.1000	0.0405	0.0500	-19.0	20.0
Methyl acetate	Ave	0.2047	0.1935	0.1000	0.0945	0.100	-5.5	20.0
Methylene Chloride	Lin1		0.3057	0.1000	0.0476	0.0500	-4.9	20.0
2-Methyl-2-propanol	Ave	0.0145	0.0124		0.857	1.00	-14.3	20.0
trans-1,2-Dichloroethene	Ave	0.3227	0.3057	0.1000	0.0474	0.0500	-5.3	20.0
Methyl tert-butyl ether	Ave	0.6527	0.5957	0.1000	0.0456	0.0500	-8.7	20.0
1,1-Dichloroethane	Ave	0.6187	0.5998	0.1000	0.0485	0.0500	-3.0	20.0
Vinyl acetate	Lin1		0.0233		0.0425	0.0500	-15.1	20.0
2,2-Dichloropropane	Ave	0.2081	0.2250		0.0541	0.0500	8.1	20.0
cis-1,2-Dichloroethene	Ave	0.3249	0.3107	0.1000	0.0478	0.0500	-4.4	20.0
2-Butanone (MEK)	Lin1		0.0931	0.0500	0.0958	0.100	-4.2	20.0
Bromochloromethane	Ave	0.1429	0.1367		0.0478	0.0500	-4.4	20.0
Chloroform	Ave	0.5184	0.5046	0.2000	0.0487	0.0500	-2.7	20.0
1,1,1-Trichloroethane	Ave	0.3984	0.4213	0.1000	0.0529	0.0500	5.7	20.0
Cyclohexane	Ave	0.8073	0.7951	0.1000	0.0492	0.0500	-1.5	20.0
1,1-Dichloropropene	Ave	0.3995	0.4017		0.0503	0.0500	0.6	20.0
Carbon tetrachloride	Lin1		0.3840	0.1000	0.0483	0.0500	-3.4	20.0
Benzene	Ave	1.113	1.056	0.5000	0.0474	0.0500	-5.2	20.0
1,2-Dichloroethane	Ave	0.3993	0.3745	0.1000	0.0469	0.0500	-6.2	20.0
Trichloroethene	Ave	0.3155	0.3057	0.2000	0.0484	0.0500	-3.1	20.0
Methylcyclohexane	Ave	0.6141	0.6076	0.1000	0.0495	0.0500	-1.1	20.0
1,2-Dichloropropane	Ave	0.2810	0.2782	0.1000	0.0495	0.0500	-1.0	20.0
Dibromomethane	Ave	0.1221	0.1161		0.0475	0.0500	-5.0	20.0
Bromodichloromethane	Lin1		0.2548	0.1000	0.0426	0.0500	-14.9	20.0
cis-1,3-Dichloropropene	Qua		0.2736	0.1500	0.0457	0.0500	-8.6	20.0
4-Methyl-2-pentanone (MIBK)	Ave	0.3084	0.3073	0.0500	0.0997	0.100	-0.3	20.0
Toluene	Ave	1.758	1.728	0.4000	0.0491	0.0500	-1.7	20.0
trans-1,3-Dichloropropene	Lin1		0.3350	0.1000	0.0433	0.0500	-13.4	20.0
1,1,2-Trichloroethane	Ave	0.2389	0.2321	0.1000	0.0486	0.0500	-2.8	20.0
Tetrachloroethene	Ave	0.4007	0.3959	0.2000	0.0494	0.0500	-1.2	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: CCV 240-65171/3 Calibration Date: 11/15/2012 11:37

Instrument ID: A3UX14 Calib Start Date: 11/13/2012 16:53

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 11/13/2012 19:45

Lab File ID: 149171.D Conc. Units: ng/uL Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,3-Dichloropropane	Ave	0.4174	0.4032		0.0483	0.0500	-3.4	20.0
2-Hexanone	Ave	0.1605	0.1581	0.0500	0.0985	0.100	-1.5	20.0
Dibromochloromethane	Qua		0.2488		0.0467	0.0500	-6.6	20.0
1,2-Dibromoethane	Ave	0.2326	0.2284		0.0491	0.0500	-1.8	20.0
Chlorobenzene	Ave	1.153	1.081	0.3000	0.0469	0.0500	-6.2	20.0
1,1,1,2-Tetrachloroethane	Lin1		0.4101		0.0476	0.0500	-4.8	20.0
Ethylbenzene	Ave	0.6221	0.6045		0.0486	0.0500	-2.8	20.0
m-Xylene & p-Xylene	Ave	0.7625	0.7487		0.0982	0.100	-1.8	20.0
o-Xylene	Ave	0.8137	0.7784		0.0478	0.0500	-4.3	20.0
Styrene	Ave	1.042	1.046	0.3000	0.0502	0.0500	0.4	20.0
Bromoform	Qua		0.1116	0.1000	0.0427	0.0500	-14.6	20.0
Isopropylbenzene	Ave	2.198	2.160	0.1000	0.0491	0.0500	-1.7	20.0
1,1,2,2-Tetrachloroethane	Ave	0.4994	0.5212	0.3000	0.0522	0.0500	4.4	20.0
Bromobenzene	Ave	0.8110	0.8028		0.0495	0.0500	-1.0	20.0
1,2,3-Trichloropropane	Ave	0.1664	0.1579		0.0475	0.0500	-5.1	20.0
N-Propylbenzene	Ave	0.9810	1.061		0.0541	0.0500	8.2	20.0
2-Chlorotoluene	Ave	0.8900	0.9062		0.0509	0.0500	1.8	20.0
1,3,5-Trimethylbenzene	Ave	3.118	3.314		0.0531	0.0500	6.3	20.0
4-Chlorotoluene	Ave	0.8531	0.8457		0.0496	0.0500	-0.9	20.0
tert-Butylbenzene	Ave	2.995	3.175		0.0530	0.0500	6.0	20.0
1,2,4-Trimethylbenzene	Ave	3.071	3.161		0.0515	0.0500	3.0	20.0
sec-Butylbenzene	Ave	4.052	4.300		0.0531	0.0500	6.1	20.0
1,3-Dichlorobenzene	Ave	1.760	1.668	0.6000	0.0474	0.0500	-5.2	20.0
4-Isopropyltoluene	Ave	3.533	3.769		0.0533	0.0500	6.7	20.0
1,4-Dichlorobenzene	Ave	1.824	1.663	0.5000	0.0456	0.0500	-8.8	20.0
n-Butylbenzene	Ave	2.960	3.007		0.0508	0.0500	1.6	20.0
1,2-Dichlorobenzene	Ave	1.701	1.564	0.4000	0.0460	0.0500	-8.1	20.0
1,2-Dibromo-3-Chloropropane	Qua		0.0669	0.0500	0.0416	0.0500	-16.9	20.0
1,2,4-Trichlorobenzene	Ave	1.201	0.9743	0.2000	0.0406	0.0500	-18.9	20.0
Hexachlorobutadiene	Ave	0.6558	0.5687		0.0434	0.0500	-13.3	20.0
Dibromofluoromethane (Surr)	Lin1		0.2406		0.0456	0.0500	-8.8	20.0
1,2-Dichloroethane-d4 (Surr)	Lin1		0.2621		0.0458	0.0500	-8.4	20.0
Toluene-d8 (Surr)	Lin1		1.448		0.0484	0.0500	-3.3	20.0
4-Bromofluorobenzene (Surr)	Qua		0.8412		0.0507	0.0500	1.5	20.0

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX14\20121115-14986.b\149171.D
Lims ID: CCVIS Client ID:
Inject. Date: 15-Nov-2012 11:37:30 Dil. Factor: 1.0000
Sample Type: CCVIS
Sample ID: ccvis
Misc. Info.: 240-0014986-003 =240-0014986-003
Operator: 002808 Instrument ID: A3UX14
Purge Vol: 5.000 mL ALS Bottle#: 2
Lims Batch ID: 65171 Lims Sample ID: 3
Sublist: chrom-8260_14*sub16
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX14\20121115-14986.b\8260_14.m
Last Update: 16-Nov-2012 09:58:07 Calib Date: 13-Nov-2012 22:59:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX14\20121113-14916.b\149122.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK015

First Level Reviewer: macenczaks Date: 15-Nov-2012 11:55:40

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	1544375	50.0	
* 2 Chlorobenzene-d5	117	9.595	9.595	0.0	98	914414	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.571	11.571	0.0	98	487749	50.0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	77	371529	45.6	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.542	6.542	0.0	94	404821	45.8	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	95	1324467	48.4	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	89	410278	50.7	
12 Dichlorodifluoromethane	85	1.442	1.442	0.0	88	448378	50.5	
13 Chloromethane	50	1.607	1.607	0.0	89	734319	48.5	
14 Vinyl chloride	62	1.737	1.737	0.0	83	590963	49.8	
15 Bromomethane	94	2.069	2.069	0.0	90	195758	51.0	
16 Chloroethane	64	2.187	2.187	0.0	93	325708	47.8	
18 Trichlorofluoromethane	101	2.507	2.507	0.0	86	576225	50.9	
20 Acrolein	56	3.027	3.027	0.0	96	446824	426.1	
21 1,1-Dichloroethene	96	3.146	3.146	0.0	84	428132	48.2	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	3.181	3.181	0.0	85	409779	48.3	
22 Acetone	43	3.252	3.252	0.0	97	224359	96.7	
24 Iodomethane	142	3.347	3.347	0.0	99	736540	46.6	
26 Carbon disulfide	76	3.418	3.418	0.0	99	1050437	40.5	
27 Acetonitrile	41	3.666	3.666	0.0	99	419605	435.4	
28 Methyl acetate	43	3.761	3.761	0.0	98	597507	94.5	
30 Methylene Chloride	84	3.879	3.879	0.0	88	472038	47.6	
31 2-Methyl-2-propanol	59	4.187	4.187	0.0	88	382884	856.6	
32 Acrylonitrile	53	4.305	4.305	0.0	97	277136	92.8	
33 trans-1,2-Dichloroethene	96	4.317	4.317	0.0	89	472166	47.4	
34 Methyl tert-butyl ether	73	4.353	4.353	0.0	89	919977	45.6	
35 Hexane	86	4.743	4.743	0.0	96	109873	46.8	
36 1,1-Dichloroethane	63	4.921	4.921	0.0	86	926327	48.5	
37 Vinyl acetate	86	5.039	5.039	0.0	97	35996	42.5	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
43 2,2-Dichloropropane	77	5.642	5.642	0.0	73	347511	54.1	
42 cis-1,2-Dichloroethene	96	5.654	5.654	0.0	76	479795	47.8	
41 2-Butanone (MEK)	43	5.701	5.701	0.0	97	287427	95.8	
47 Chlorobromomethane	128	5.926	5.926	0.0	88	211145	47.8	
48 Tetrahydrofuran	42	5.985	5.985	0.0	92	100038	46.9	
49 Chloroform	83	6.033	6.033	0.0	84	779241	48.7	
50 1,1,1-Trichloroethane	97	6.210	6.210	0.0	92	650613	52.9	
51 Cyclohexane	56	6.258	6.258	0.0	95	1227965	49.2	
53 Carbon tetrachloride	117	6.388	6.388	0.0	76	592981	48.3	
52 1,1-Dichloropropene	75	6.388	6.388	0.0	83	620378	50.3	
55 Benzene	78	6.601	6.601	0.0	97	1630241	47.4	
56 1,2-Dichloroethane	62	6.624	6.624	0.0	89	578316	46.9	
60 Trichloroethene	130	7.240	7.240	0.0	91	472051	48.4	
63 Methylcyclohexane	83	7.417	7.417	0.0	97	938345	49.5	
62 1,2-Dichloropropane	63	7.453	7.453	0.0	88	429705	49.5	
65 Dibromomethane	93	7.559	7.559	0.0	88	179260	47.5	
66 1,4-Dioxane	88	7.583	7.583	0.0	91	108183	2216.9	
67 Dichlorobromomethane	83	7.713	7.713	0.0	91	393459	42.6	
69 2-Chloroethyl vinyl ether	63	7.997	7.997	0.0	88	244817	98.0	
70 cis-1,3-Dichloropropene	75	8.115	8.115	0.0	82	422513	45.7	
71 4-Methyl-2-pentanone (MIBK)	43	8.257	8.257	0.0	99	562080	99.7	
72 Toluene	91	8.411	8.411	0.0	97	1579790	49.1	
73 trans-1,3-Dichloropropene	75	8.601	8.601	0.0	90	306303	43.3	
74 Ethyl methacrylate	69	8.683	8.683	0.0	92	232696	44.6	
75 1,1,2-Trichloroethane	97	8.766	8.766	0.0	90	212253	48.6	
77 Tetrachloroethene	164	8.885	8.885	0.0	91	362046	49.4	
76 1,3-Dichloropropane	76	8.908	8.908	0.0	93	368712	48.3	
78 2-Hexanone	43	8.979	8.979	0.0	98	289164	98.5	
79 Chlorodibromomethane	129	9.109	9.109	0.0	88	227529	46.7	
123 Ethylene Dibromide	107	9.204	9.204	0.0	99	208861	49.1	
82 Chlorobenzene	112	9.618	9.618	0.0	91	988813	46.9	
83 1,1,1,2-Tetrachloroethane	131	9.689	9.689	0.0	88	375030	47.6	
84 Ethylbenzene	106	9.713	9.713	0.0	98	552730	48.6	
10 m-Xylene & p-Xylene	106	9.808	9.808	0.0	98	1369264	98.2	
85 o-Xylene	106	10.151	10.151	0.0	95	711781	47.8	
86 Styrene	104	10.162	10.162	0.0	94	956581	50.2	
87 Bromoform	173	10.328	10.328	0.0	98	102038	42.7	
88 Isopropylbenzene	105	10.458	10.458	0.0	96	1975375	49.1	
90 1,1,2,2-Tetrachloroethane	83	10.707	10.707	0.0	81	254193	52.2	
91 Bromobenzene	156	10.719	10.719	0.0	93	391580	49.5	
92 1,2,3-Trichloropropane	110	10.742	10.742	0.0	78	77029	47.5	
93 trans-1,4-Dichloro-2-butene	53	10.754	10.754	0.0	50	78098	47.3	
94 N-Propylbenzene	120	10.801	10.801	0.0	97	517709	54.1	
95 2-Chlorotoluene	126	10.884	10.884	0.0	97	441986	50.9	
96 1,3,5-Trimethylbenzene	105	10.943	10.943	0.0	93	1616354	53.1	
104 4-Chlorotoluene	126	10.967	10.967	0.0	98	412505	49.6	
97 tert-Butylbenzene	119	11.227	11.227	0.0	89	1548791	53.0	
98 1,2,4-Trimethylbenzene	105	11.263	11.263	0.0	96	1541904	51.5	
99 sec-Butylbenzene	105	11.417	11.417	0.0	94	2097363	53.1	
100 1,3-Dichlorobenzene	146	11.511	11.511	0.0	91	813349	47.4	
101 4-Isopropyltoluene	119	11.535	11.535	0.0	89	1838316	53.3	
102 1,4-Dichlorobenzene	146	11.582	11.582	0.0	90	811361	45.6	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
105 n-Butylbenzene	91	11.878	11.878	0.0	94	1466900	50.8	
106 1,2-Dichlorobenzene	146	11.902	11.902	0.0	97	762681	46.0	
107 1,2-Dibromo-3-Chloropropane	157	12.553	12.553	0.0	71	32609	41.6	
108 1,3,5-Trichlorobenzene	180	12.730	12.730	0.0	94	611301	43.6	
109 1,2,4-Trichlorobenzene	180	13.239	13.239	0.0	90	475190	40.6	
110 Hexachlorobutadiene	225	13.369	13.369	0.0	95	277357	43.4	
111 Naphthalene	128	13.440	13.440	0.0	97	762558	37.9	
112 1,2,3-Trichlorobenzene	180	13.630	13.630	0.0	94	353816	36.3	
S 137 Trihalomethanes, Total	1				0		180.6	
S 11 1,2-Dichloroethene, Total	96				0		95.2	
S 9 1,3-Dichloropropene, Total	75				0		89.0	
S 114 Xylenes, Total	106				0		146.0	

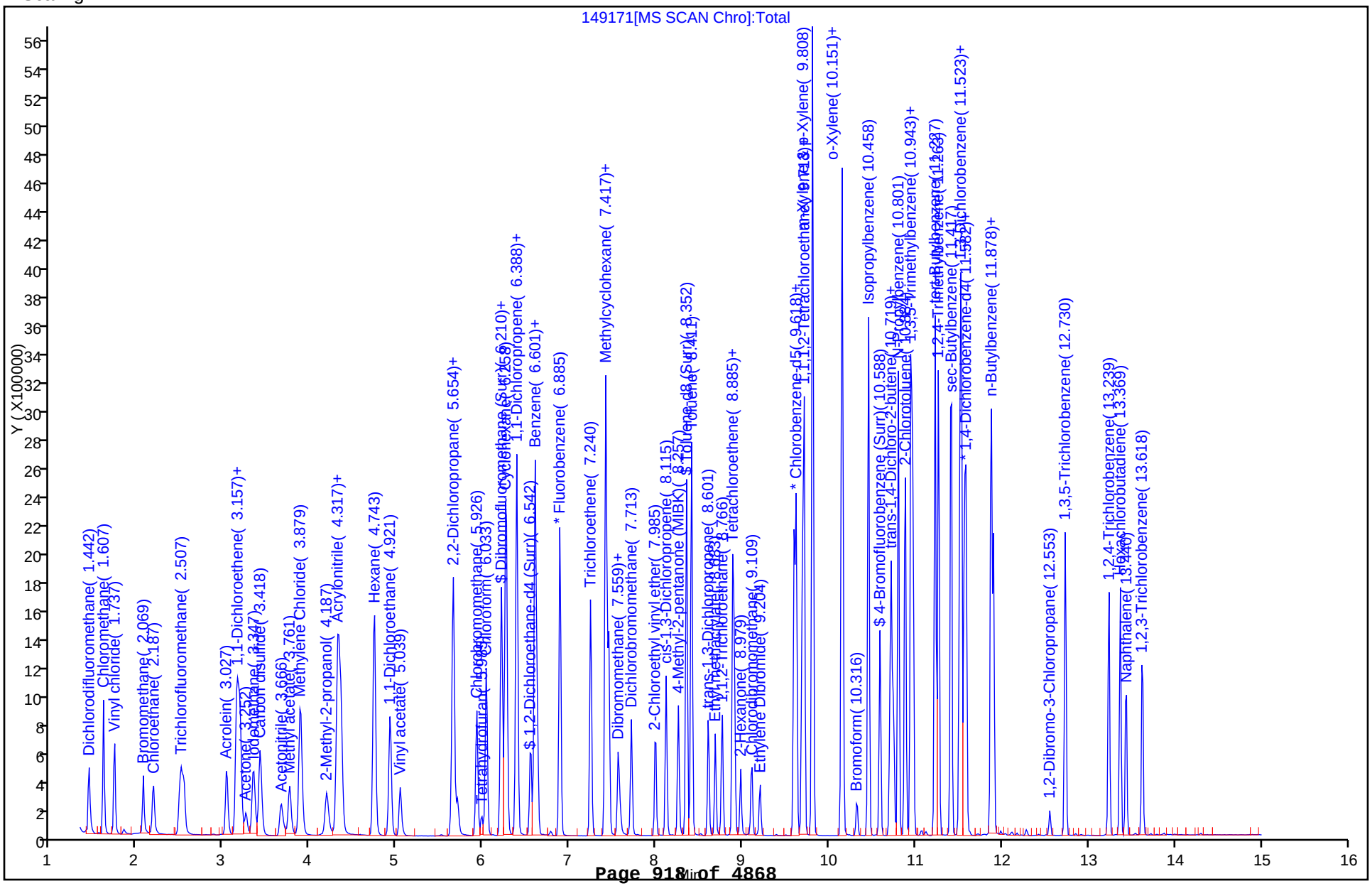
Report Date: 16-Nov-2012 09:58:08 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121115-14986.b\149171.D

Injection Date:	15-Nov-2012 11:37:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	65171	Lims Sample ID:	3
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: CCV 240-65171/4 Calibration Date: 11/15/2012 11:58

Instrument ID: A3UX14 Calib Start Date: 11/13/2012 16:53

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 11/13/2012 19:45

Lab File ID: 149172.D Conc. Units: ng/uL Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dibromofluoromethane (Surr)	Lin1		0.2315		0.0438	0.0500	-12.4	20.0
1,2-Dichloroethane-d4 (Surr)	Lin1		0.2632		0.0460	0.0500	-8.0	20.0
Toluene-d8 (Surr)	Lin1		1.435		0.0479	0.0500	-4.2	20.0
4-Bromofluorobenzene (Surr)	Qua		0.8285		0.0500	0.0500	-0.0	20.0

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A3UX14\20121115-14986.b\149172.D		
Lims ID:	CCV	Client ID:	
Inject. Date:	15-Nov-2012 11:58:30	Dil. Factor:	1.0000
Sample Type:	CCV		
Sample ID:	ccv		
Misc. Info.:	240-0014986-004 =240-0014986-004		
Operator:	002808	Instrument ID:	A3UX14
Purge Vol:	5.000 mL	ALS Bottle#:	3
Lims Batch ID:	65171	Lims Sample ID:	4
Sublist:	chrom-8260_14*sub15		
Detector:	MS SCAN		
Method:	\\NCChrom\ChromData\A3UX14\20121115-14986.b\8260_14.m		
Last Update:	16-Nov-2012 09:58:08	Calib Date:	13-Nov-2012 22:59:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A3UX14\20121113-14916.b\149122.D		
Limit Group:	MSV 8260DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	DB-624	Column Dia:	0.18 mm
Process Host:	XAWRK015		
First Level Reviewer: macenczaks		Date:	15-Nov-2012 12:25:46

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	1510710	50.0	
* 2 Chlorobenzene-d5	117	9.594	9.594	0.0	96	849252	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.570	11.570	0.0	98	467693	50.0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	73	349685	43.8	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.541	6.541	0.0	93	397598	46.0	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	86	1218763	47.9	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	88	387488	50.0	
17 Dichlorofluoromethane	67	2.447	2.447	0.0	84	743148	45.2	
19 Ethyl ether	59	2.873	2.873	0.0	98	339276	45.5	
29 3-Chloro-1-propene	76	3.690	3.690	0.0	85	205894	44.6	
39 2-Chloro-1,3-butadiene	53	5.039	5.039	0.0	80	1007423	52.3	
38 Isopropyl ether	87	5.074	5.074	0.0	96	1803907	236.0	
40 Tert-butyl ethyl ether	59	5.524	5.524	0.0	97	1323485	47.1	
44 Propionitrile	54	5.760	5.760	0.0	98	84921	85.4	
45 Ethyl acetate	43	5.796	5.796	0.0	99	510451	94.7	
46 Methacrylonitrile	41	5.926	5.926	0.0	98	195229	45.0	
54 Isobutyl alcohol	41	6.589	6.589	0.0	93	190482	868.6	
57 Tert-amyl methyl ether	73	6.743	6.743	0.0	86	812347	47.1	
58 n-Heptane	100	6.896	6.896	0.0	96	113791	54.3	
59 n-Butanol	56	7.228	7.228	0.0	97	114106	931.7	
64 Methyl methacrylate	41	7.571	7.571	0.0	88	206435	46.2	
68 2-Nitropropane	41	7.926	7.926	0.0	99	67030	90.2	
132 n-Butyl acetate	43	9.085	9.085	0.0	0	618879	0	
89 Cyclohexanone	55	10.541	10.541	0.0	96	535347	439.0	
103 1,2,3-Trimethylbenzene	105	11.630	11.630	0.0	98	1432392	51.1	
113 2-Methylnaphthalene	142	14.304	14.304	0.0	89	989791	89.2	

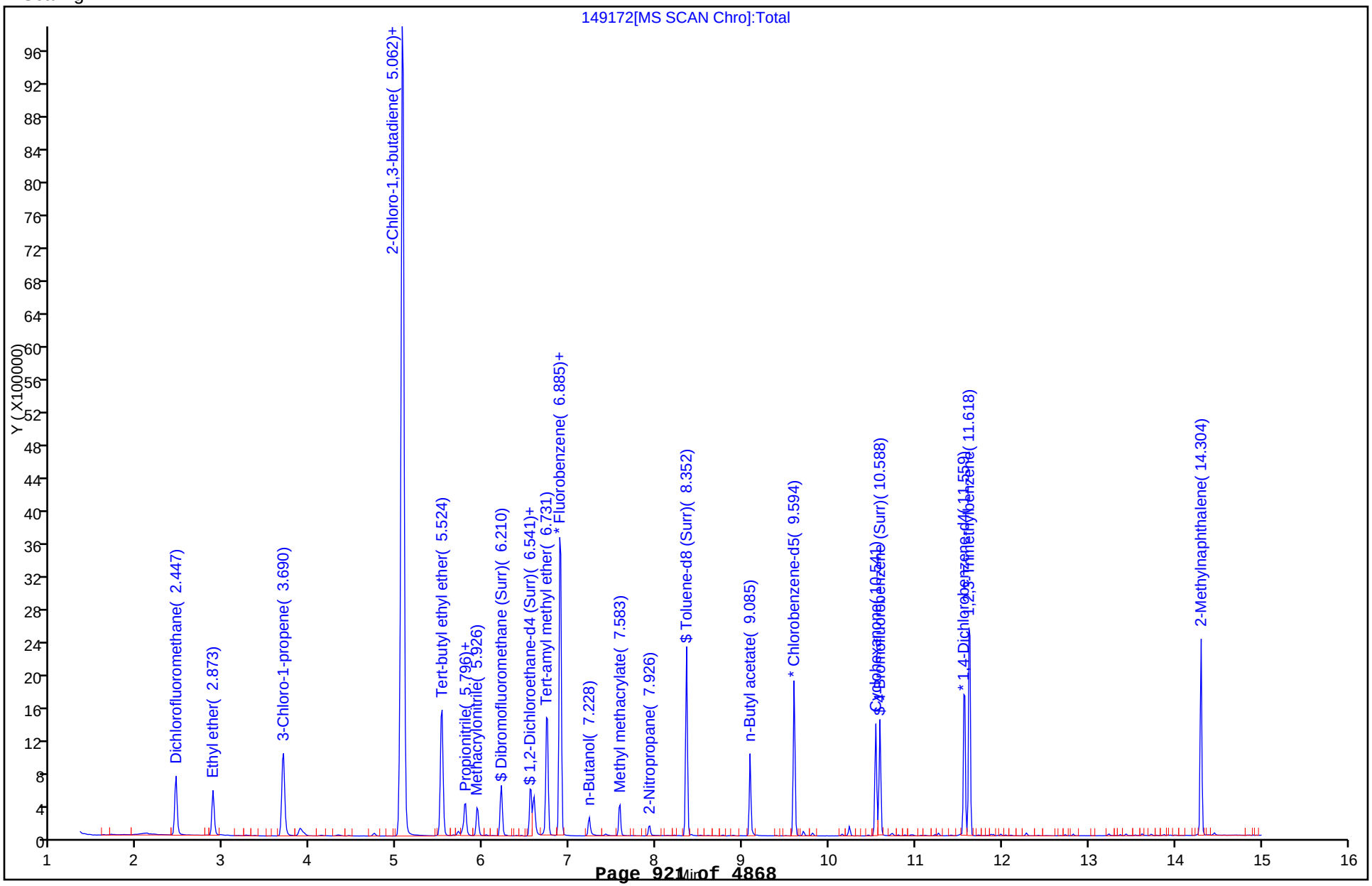
Report Date: 16-Nov-2012 09:58:08 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121115-14986.b\149172.D

Injection Date:	15-Nov-2012 11:58:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	65171	Lims Sample ID:	4
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: CCV 240-65171/4 Calibration Date: 11/15/2012 11:58

Instrument ID: A3UX14 Calib Start Date: 11/13/2012 20:07

GC Column: DB-624 ID: 0.18(mm) Calib End Date: 11/13/2012 22:59

Lab File ID: 149172.D Conc. Units: ng/uL Heated Purge: (Y/N) Y

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorofluoromethane	Ave	0.5441	0.4919		0.0452	0.0500	-9.6	20.0
Cyclohexanone	Ave	0.0718	0.0630		0.439	0.500	-12.2	20.0
1,2,3-Trimethylbenzene	Ave	2.995	3.063		0.0511	0.0500	2.3	20.0

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX14\20121115-14986.b\149172.D
Lims ID: CCV Client ID:
Inject. Date: 15-Nov-2012 11:58:30 Dil. Factor: 1.0000
Sample Type: CCV
Sample ID: ccv
Misc. Info.: 240-0014986-004 =240-0014986-004
Operator: 002808 Instrument ID: A3UX14
Purge Vol: 5.000 mL ALS Bottle#: 3
Lims Batch ID: 65171 Lims Sample ID: 4
Sublist: chrom-8260_14*sub15
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX14\20121115-14986.b\8260_14.m
Last Update: 16-Nov-2012 09:58:08 Calib Date: 13-Nov-2012 22:59:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX14\20121113-14916.b\149122.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK015

First Level Reviewer: macenczaks Date: 15-Nov-2012 12:25:46

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	1510710	50.0	
* 2 Chlorobenzene-d5	117	9.594	9.594	0.0	96	849252	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.570	11.570	0.0	98	467693	50.0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	73	349685	43.8	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.541	6.541	0.0	93	397598	46.0	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	86	1218763	47.9	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	88	387488	50.0	
17 Dichlorofluoromethane	67	2.447	2.447	0.0	84	743148	45.2	
19 Ethyl ether	59	2.873	2.873	0.0	98	339276	45.5	
29 3-Chloro-1-propene	76	3.690	3.690	0.0	85	205894	44.6	
39 2-Chloro-1,3-butadiene	53	5.039	5.039	0.0	80	1007423	52.3	
38 Isopropyl ether	87	5.074	5.074	0.0	96	1803907	236.0	
40 Tert-butyl ethyl ether	59	5.524	5.524	0.0	97	1323485	47.1	
44 Propionitrile	54	5.760	5.760	0.0	98	84921	85.4	
45 Ethyl acetate	43	5.796	5.796	0.0	99	510451	94.7	
46 Methacrylonitrile	41	5.926	5.926	0.0	98	195229	45.0	
54 Isobutyl alcohol	41	6.589	6.589	0.0	93	190482	868.6	
57 Tert-amyl methyl ether	73	6.743	6.743	0.0	86	812347	47.1	
58 n-Heptane	100	6.896	6.896	0.0	96	113791	54.3	
59 n-Butanol	56	7.228	7.228	0.0	97	114106	931.7	
64 Methyl methacrylate	41	7.571	7.571	0.0	88	206435	46.2	
68 2-Nitropropane	41	7.926	7.926	0.0	99	67030	90.2	
132 n-Butyl acetate	43	9.085	9.085	0.0	0	618879	0	
89 Cyclohexanone	55	10.541	10.541	0.0	96	535347	439.0	
103 1,2,3-Trimethylbenzene	105	11.630	11.630	0.0	98	1432392	51.1	
113 2-Methylnaphthalene	142	14.304	14.304	0.0	89	989791	89.2	

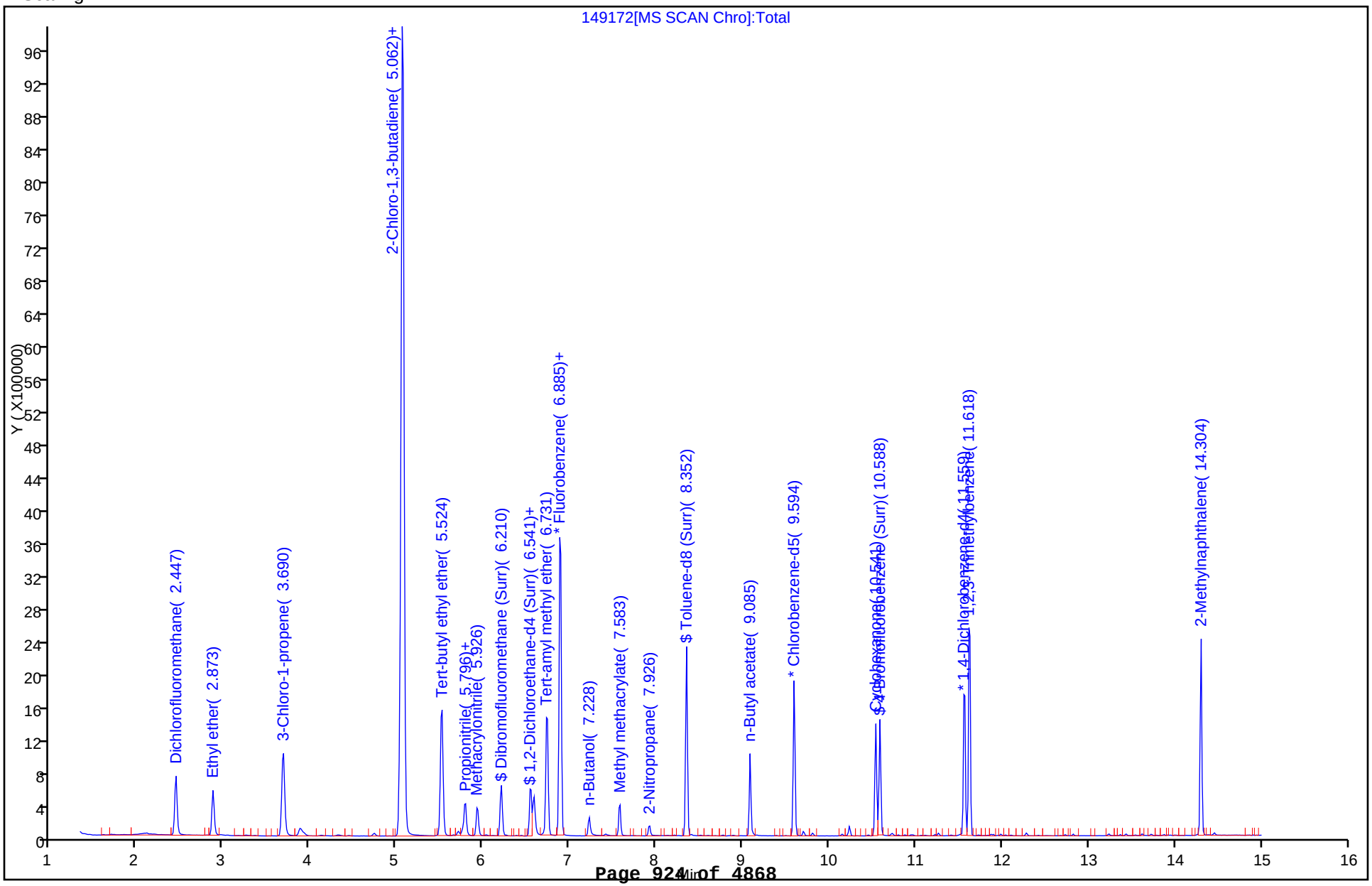
Report Date: 16-Nov-2012 09:58:08 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121115-14986.b\149172.D

Injection Date:	15-Nov-2012 11:58:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	65171	Lims Sample ID:	4
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A3UX10\20121112-14871.b\BFB5043.D		
Lims ID:	BFB	Client ID:	
Inject. Date:	12-Nov-2012 13:44:30	Dil. Factor:	1.0000
Sample Type:	BFB		
Sample ID:			
Misc. Info.:	P21112A-IC,BFBUX10,,1904 =P21112A-IC,BFBUX10,,1904		
Operator:	1904	Instrument ID:	A3UX10
Purge Vol:	5.000 mL	ALS Bottle#:	3
Lims Batch ID:	64678	Lims Sample ID:	1
Detector:	MS SCAN		
Method:	\\NCChrom\ChromData\A3UX10\20121112-14871.b\8260_10.m		
Last Update:	14-Nov-2012 12:22:52	Calib Date:	12-Nov-2012 19:16:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0857.D		
Limit Group:	MSV 8260DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	DB-624	Column Dia:	0.18 mm
Process Host:	XAWRK005		
First Level Reviewer: quayler		Date:	12-Nov-2012 14:08:02

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
$ 4 BFB	95	3.748	3.748	0.0	0	464045	0	

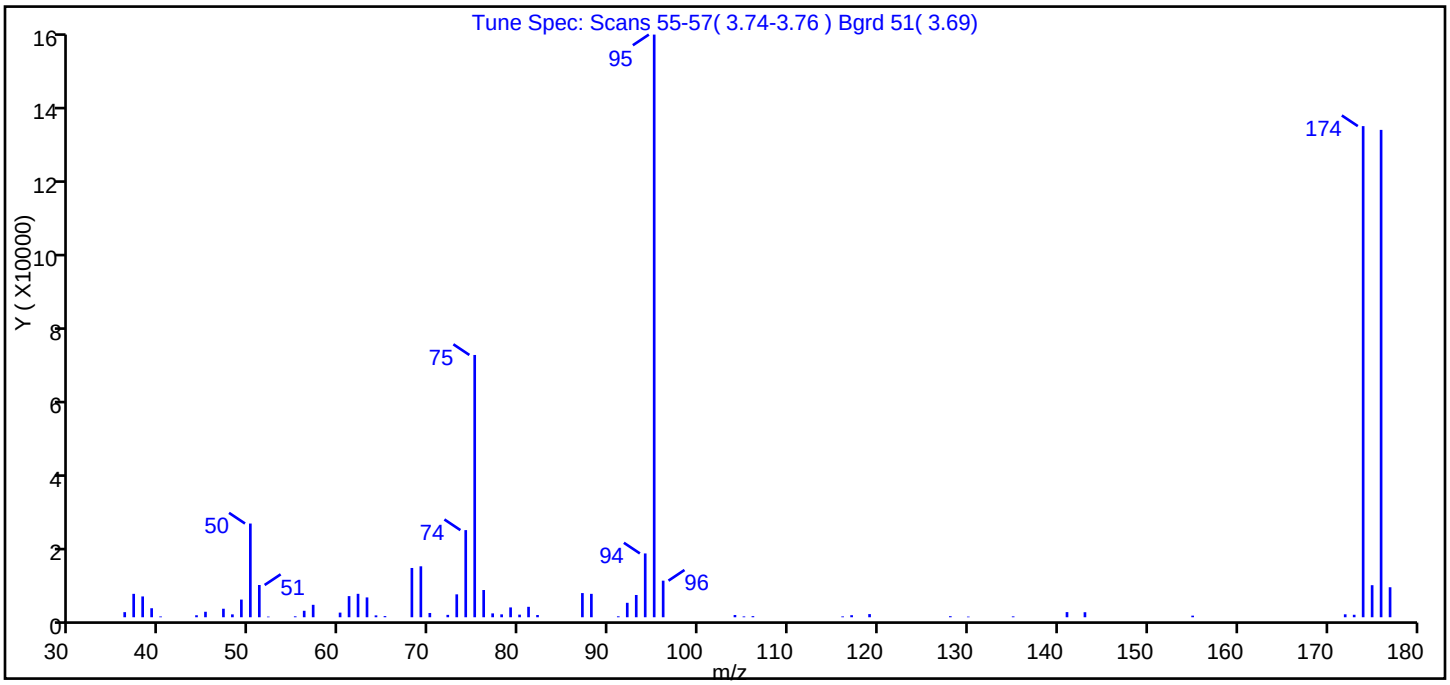
Report Date: 14-Nov-2012 12:22:52 Chrom Revision: 2.0 22-Oct-2012 16:30:48

MS Tune Report

TestAmerica Canton

Data File:	\\NCChrom\ChromData\A3UX10\20121112-14871.b\BFB5043.D		
Injection Date:	12-Nov-2012 13:44:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX10
Lims Batch ID:	64678	Lims Sample ID:	1
Operator ID:	1904	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm
Tune Method:	BFB Method 8260		

$ 4 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	16.09
75	30.00 - 60.00% of mass 95	45.01
96	5.00 - 9.00% of mass 95	6.28
173	Less than 2.00% of mass 174	0.43 (0.51)
174	Greater than 50.00% of mass 95	84.29
175	5.00 - 9.00% of mass 174	5.50 (6.53)
176	95.00 - 101.00% of mass 174	83.64 (99.23)
177	5.00 - 9.00% of mass 176	5.15 (6.16)

Data File: \\NCChrom\ChromData\A3UX10\20121112-14871.b\BFB5043.D\8260_10.rslt\spectra.d
Injection Date: 12-Nov-2012 13:44:30
Spectrum: Tune Spec: Scans 55-57(3.74-3.76) Bgrd 51(3.69)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 62

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1324	60.00	1202	79.00	2549	117.00	533
37.00	6063	61.00	5473	80.00	675	119.00	816
38.00	5390	62.00	6068	81.00	2702	128.00	270
39.00	2338	63.00	5135	82.00	577	130.00	169
40.00	204	64.00	486	87.00	6259	135.00	228
44.00	517	65.00	303	88.00	6061	141.00	1335
45.00	1423	68.00	12760	91.00	241	143.00	1304
47.00	2207	69.00	13191	92.00	3739	155.00	416
48.00	748	70.00	1107	93.00	5766	172.00	764
49.00	4579	72.00	619	94.00	16520	173.00	646
50.00	24264	73.00	5931	95.00	150848	174.00	127152
51.00	8351	74.00	22560	96.00	9474	175.00	8300
52.00	167	75.00	67904	104.00	579	176.00	126176
55.00	241	76.00	7051	105.00	218	177.00	7770
56.00	1678	77.00	1003	106.00	286		
57.00	3222	78.00	752	116.00	222		

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A3UX10\20121113-14902.b\BFB5045.D		
Lims ID:	BFB	Client ID:	
Inject. Date:	13-Nov-2012 10:58:30	Dil. Factor:	1.0000
Sample Type:	BFB		
Sample ID:	240-0014902-001		
Misc. Info.:	P21113A,BFBUX10,,1904 =P21113A,BFBUX10,,1904		
Operator:	1904	Instrument ID:	A3UX10
Purge Vol:	5.000 mL	ALS Bottle#:	16
Lims Batch ID:	64831	Lims Sample ID:	1
Detector:	MS SCAN		
Method:	\\NCChrom\ChromData\A3UX10\20121113-14902.b\8260_10.m		
Last Update:	14-Nov-2012 13:08:21	Calib Date:	12-Nov-2012 19:16:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0857.D		
Limit Group:	MSV 8260DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	DB-624	Column Dia:	0.18 mm
Process Host:	XAWRK005		
First Level Reviewer: quayler		Date:	13-Nov-2012 12:02:00

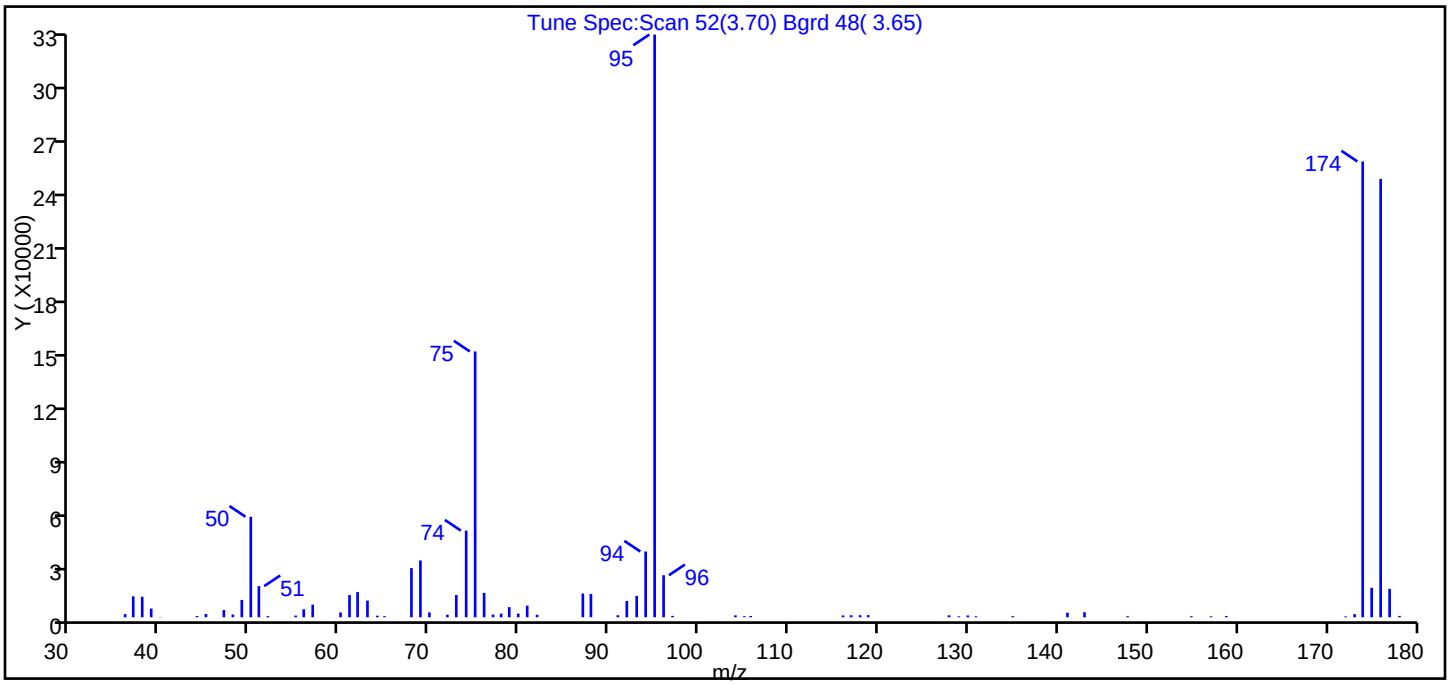
Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
$ 4 BFB	95	3.699	3.699	0.0	0	485914	0	

MS Tune Report

TestAmerica Canton

Data File:	\\NCChrom\ChromData\A3UX10\20121113-14902.b\BFB5045.D		
Injection Date:	13-Nov-2012 10:58:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX10
Lims Batch ID:	64831	Lims Sample ID:	1
Operator ID:	1904	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm
Tune Method:	BFB Method 8260		

$ 4 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	17.25
75	30.00 - 60.00% of mass 95	45.62
96	5.00 - 9.00% of mass 95	7.22
173	Less than 2.00% of mass 174	0.54 (0.68)
174	Greater than 50.00% of mass 95	78.23
175	5.00 - 9.00% of mass 174	5.05 (6.46)
176	95.00 - 101.00% of mass 174	75.23 (96.17)
177	5.00 - 9.00% of mass 176	4.88 (6.49)

Data File: \\NCChrom\ChromData\A3UX10\20121113-14902.b\BFB5045.D\8260_10.rslt\spectra.d
Injection Date: 13-Nov-2012 10:58:30
Spectrum: Tune Spec:Scan 52(3.70) Bgrd 48(3.65)
Base Peak: 95.05
Minimum % Base Peak: 0
Number of Points: 70

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.05	1754	61.95	14113	87.05	13307	129.95	1011
36.95	11730	63.05	9369	87.95	13087	130.85	560
37.95	11472	64.15	887	90.95	1156	134.95	629
38.95	4880	64.95	621	91.95	9140	141.05	2523
39.95	161	67.95	27560	93.05	11967	142.95	2804
44.05	694	68.95	31832	94.05	36840	147.75	604
45.05	1860	69.95	2696	95.05	326592	154.85	567
47.05	4059	71.95	1402	96.05	23568	157.05	535
48.05	1549	72.95	12470	97.05	782	158.75	692
49.05	9699	74.05	48584	104.05	1049	172.05	502
50.05	56352	75.05	148992	105.05	576	173.05	1749
50.95	17448	76.05	13638	105.75	719	173.95	255488
51.95	667	77.05	1520	116.05	1021	174.95	16504
55.05	943	77.95	2030	116.95	1116	175.95	245696
55.95	4477	78.85	5668	117.95	1142	176.95	15948
56.95	7062	79.85	2058	118.85	1196	178.05	753
60.05	2676	80.85	6483	127.85	1092		
61.05	12454	81.95	1397	128.95	513		

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A3UX14\20121113-14916.b\BFB14279.D		
Lims ID:	BFB	Client ID:	
Inject. Date:	13-Nov-2012 16:10:30	Dil. Factor:	1.0000
Sample Type:	BFB		
Sample ID:	BFB		
Misc. Info.:	240-0014916-027 =240-0014916-027		
Operator:	002808	Instrument ID:	A3UX14
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	64859	Lims Sample ID:	27
Detector:	MS SCAN		
Method:	\\NCChrom\ChromData\A3UX14\20121113-14916.b\8260_14.m		
Last Update:	14-Nov-2012 15:22:49	Calib Date:	13-Nov-2012 22:59:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A3UX14\20121113-14916.b\149122.D		
Limit Group:	MSV 8260DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	DB-624	Column Dia:	0.18 mm
Process Host:	XAWRK032		
First Level Reviewer: macenczaks		Date:	14-Nov-2012 10:24:37

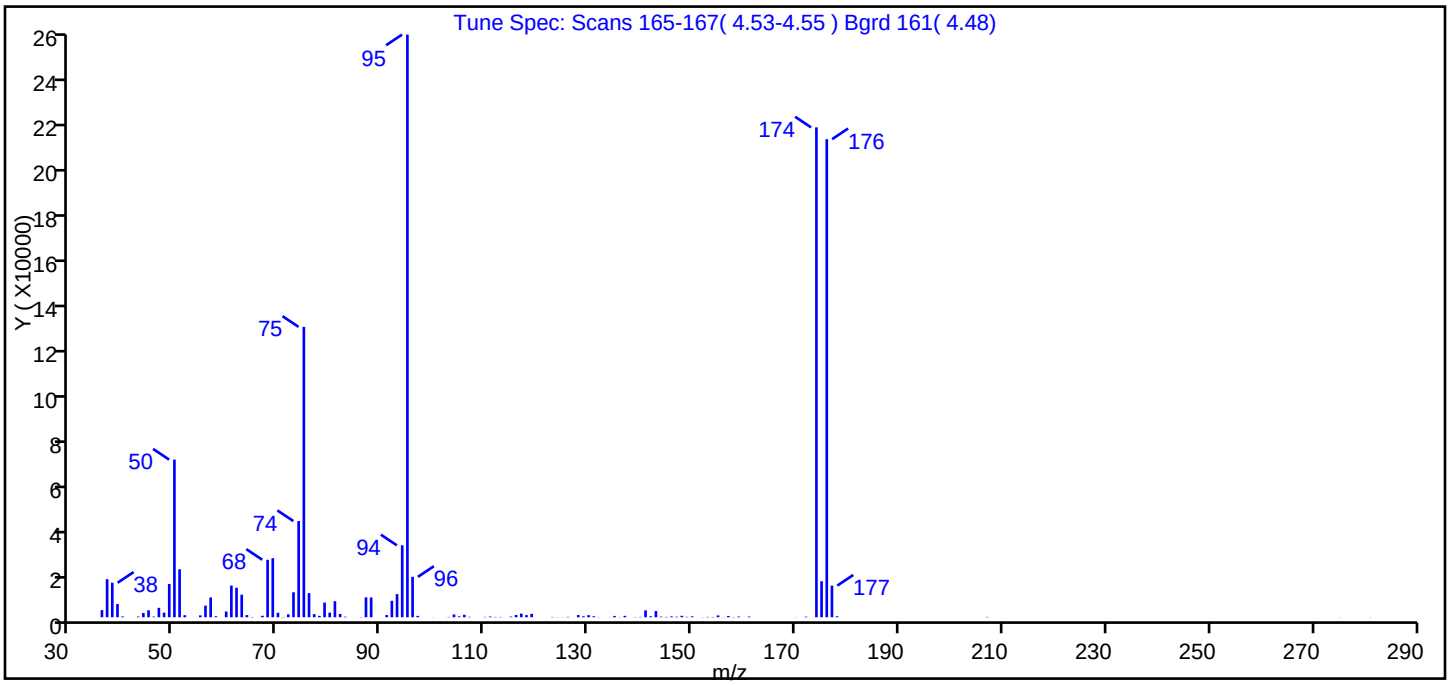
Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
$ 4 BFB	95	4.537	4.537	0.0	0	597412	0	

MS Tune Report

TestAmerica Canton

Data File:	\\NCChrom\ChromData\A3UX14\20121113-14916.b\BFB14279.D		
Injection Date:	13-Nov-2012 16:10:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	64859	Lims Sample ID:	27
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm
Tune Method:	BFB Method 8260		

$ 4 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	27.06
75	30.00 - 60.00% of mass 95	49.84
96	5.00 - 9.00% of mass 95	6.93
173	Less than 2.00% of mass 174	0.00 (0.00)
174	Greater than 50.00% of mass 95	84.07
175	5.00 - 9.00% of mass 174	6.19 (7.36)
176	95.00 - 101.00% of mass 174	82.05 (97.60)
177	5.00 - 9.00% of mass 176	5.43 (6.62)

Report Date: 14-Nov-2012 15:22:50 Chrom Revision: 2.0 22-Oct-2012 16:30:48

Data File: \\NCChrom\ChromData\A3UX14\20121113-14916.b\BFB14279.D\8260_14.rslt\spectra.d
Injection Date: 13-Nov-2012 16:10:30
Spectrum: Tune Spec: Scans 165-167(4.53-4.55) Bgrd 161(4.48)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 111

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	3130	70.00	1967	106.00	1065	143.00	2742
37.00	16752	71.00	123	107.00	186	144.00	279
38.00	15189	72.00	1266	110.00	149	145.00	156
39.00	5811	73.00	11001	111.00	326	146.00	385
40.00	362	74.00	42328	112.00	160	147.00	233
43.00	314	75.00	127776	113.00	141	148.00	648
44.00	1881	76.00	10606	115.00	293	149.00	178
45.00	3052	77.00	1379	116.00	991	150.00	398
46.00	283	78.00	621	117.00	1614	152.00	72
47.00	4149	79.00	6464	118.00	929	153.00	179
48.00	2030	80.00	2020	119.00	1513	154.00	131
49.00	14658	81.00	7084	123.00	133	155.00	793
50.00	69384	82.00	1458	124.00	58	156.00	57
51.00	21104	83.00	253	125.00	50	157.00	580
52.00	906	86.00	106	126.00	179	158.00	125
55.00	827	87.00	8752	128.00	973	159.00	321
56.00	5122	88.00	8709	129.00	441	161.00	317
57.00	8708	91.00	978	130.00	931	170.00	77
58.00	434	92.00	7245	131.00	433	172.00	269
60.00	2544	93.00	10184	132.00	75	174.00	215552
61.00	13935	94.00	31648	134.00	50	175.00	15864
62.00	12973	95.00	256384	135.00	579	176.00	210368
63.00	9924	96.00	17776	136.00	73	177.00	13924
64.00	955	97.00	606	137.00	626	178.00	431
65.00	147	100.00	53	139.00	112	207.00	174
67.00	662	103.00	140	140.00	151	275.00	51
68.00	25296	104.00	1223	141.00	3019	281.00	69
69.00	25984	105.00	388	142.00	434		

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A3UX14\20121114-14942.b\BFB14280.D		
Lims ID:	BFB	Client ID:	
Inject. Date:	14-Nov-2012 11:52:30	Dil. Factor:	1.0000
Sample Type:	BFB		
Sample ID:	BFB		
Misc. Info.:	240-0014942-001 =240-0014942-001		
Operator:	002808	Instrument ID:	A3UX14
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	64980	Lims Sample ID:	1
Detector:	MS SCAN		
Method:	\\NCChrom\ChromData\A3UX14\20121114-14942.b\8260_14.m		
Last Update:	15-Nov-2012 10:40:29	Calib Date:	13-Nov-2012 22:59:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A3UX14\20121113-14916.b\149122.D		
Limit Group:	MSV 8260DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	DB-624	Column Dia:	0.18 mm
Process Host:	XAWRK025		
First Level Reviewer: macenczaks		Date:	14-Nov-2012 12:58:47

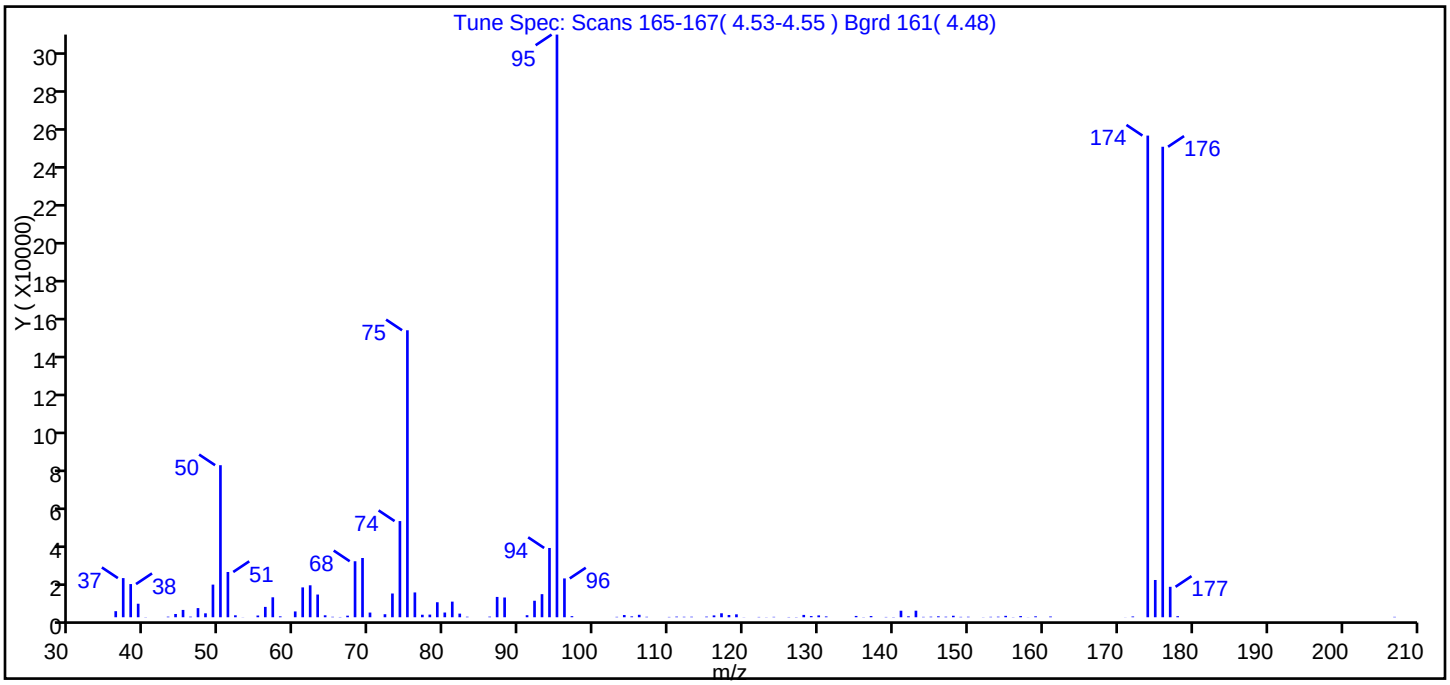
Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
$ 4 BFB	95	4.538	4.538	0.0	0	699660	0	

MS Tune Report

TestAmerica Canton

Data File:	\\NCChrom\ChromData\A3UX14\20121114-14942.b\BFB14280.D		
Injection Date:	14-Nov-2012 11:52:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	64980	Lims Sample ID:	1
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm
Tune Method:	BFB Method 8260		

$ 4 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	26.10
75	30.00 - 60.00% of mass 95	49.25
96	5.00 - 9.00% of mass 95	6.67
173	Less than 2.00% of mass 174	0.00 (0.00)
174	Greater than 50.00% of mass 95	82.67
175	5.00 - 9.00% of mass 174	6.40 (7.74)
176	95.00 - 101.00% of mass 174	80.75 (97.68)
177	5.00 - 9.00% of mass 176	5.23 (6.47)

Report Date: 15-Nov-2012 10:40:30 Chrom Revision: 2.0 22-Oct-2012 16:30:48

Data File: \\NCChrom\ChromData\A3UX14\20121114-14942.b\BFB14280.D\8260_14.rslt\spectra.d
Injection Date: 14-Nov-2012 11:52:30
Spectrum: Tune Spec: Scans 165-167(4.53-4.55) Bgrd 161(4.48)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 109

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	3133	68.00	28888	106.00	1269	143.00	3386
37.00	20192	69.00	30568	107.00	240	144.00	211
38.00	17120	70.00	2422	110.00	178	145.00	302
39.00	6981	72.00	1561	111.00	332	146.00	484
40.00	92	73.00	12253	112.00	250	147.00	287
43.00	304	74.00	49608	113.00	272	148.00	776
44.00	1690	75.00	148032	115.00	330	149.00	210
45.00	3782	76.00	12800	116.00	951	150.00	260
46.00	311	77.00	1301	117.00	2054	152.00	77
47.00	4723	78.00	1367	118.00	1168	153.00	231
48.00	2026	79.00	7748	119.00	1512	154.00	296
49.00	16840	80.00	2439	120.00	72	155.00	732
50.00	78432	81.00	8059	122.00	172	156.00	95
51.00	23352	82.00	1873	123.00	81	157.00	609
52.00	1009	83.00	274	124.00	212	158.00	56
53.00	62	86.00	321	126.00	141	159.00	480
55.00	894	87.00	10481	127.00	114	161.00	382
56.00	5344	88.00	10190	128.00	1212	171.00	50
57.00	10294	91.00	1054	129.00	604	172.00	407
58.00	451	92.00	8514	130.00	957	174.00	248448
60.00	3002	93.00	11914	131.00	434	175.00	19224
61.00	15405	94.00	35736	135.00	678	176.00	242688
62.00	16488	95.00	300544	136.00	99	177.00	15708
63.00	11719	96.00	20032	137.00	612	178.00	539
64.00	1012	97.00	567	139.00	166	207.00	210
65.00	245	103.00	218	140.00	124		
66.00	140	104.00	1147	141.00	3371		
67.00	820	105.00	446	142.00	471		

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\NCChrom\ChromData\A3UX14\20121115-14986.b\BFB14281.D		
Lims ID:	BFB	Client ID:	
Inject. Date:	15-Nov-2012 10:54:30	Dil. Factor:	1.0000
Sample Type:	BFB		
Sample ID:	BFB		
Misc. Info.:	240-0014986-001 =240-0014986-001		
Operator:	002808	Instrument ID:	A3UX14
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	65171	Lims Sample ID:	1
Detector:	MS SCAN		
Method:	\\NCChrom\ChromData\A3UX14\20121115-14986.b\8260_14.m		
Last Update:	16-Nov-2012 09:58:06	Calib Date:	13-Nov-2012 22:59:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\NCChrom\ChromData\A3UX14\20121113-14916.b\149122.D		
Limit Group:	MSV 8260DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	DB-624	Column Dia:	0.18 mm
Process Host:	XAWRK015		
First Level Reviewer: macenczaks		Date:	15-Nov-2012 11:56:04

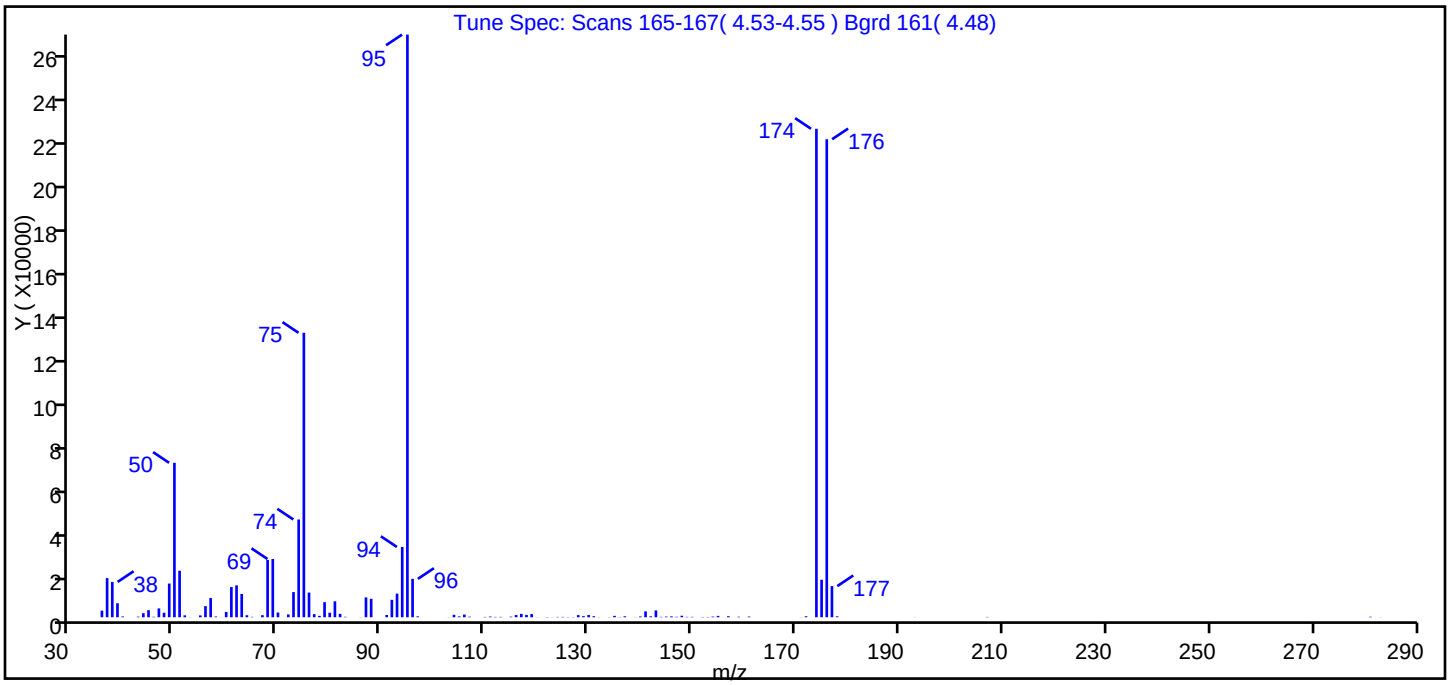
Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
$ 4 BFB	95	4.537	4.537	0.0	0	616014	0	

MS Tune Report

TestAmerica Canton

Data File:	\\NCChrom\ChromData\A3UX14\20121115-14986.b\BFB14281.D		
Injection Date:	15-Nov-2012 10:54:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	65171	Lims Sample ID:	1
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm
Tune Method:	BFB Method 8260		

$ 4 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base Peak, 100% relative abundance	100.00
50	15.00 - 40.00% of mass 95	26.51
75	30.00 - 60.00% of mass 95	48.82
96	5.00 - 9.00% of mass 95	6.59
173	Less than 2.00% of mass 174	0.00 (0.00)
174	Greater than 50.00% of mass 95	83.83
175	5.00 - 9.00% of mass 174	6.44 (7.69)
176	95.00 - 101.00% of mass 174	82.04 (97.86)
177	5.00 - 9.00% of mass 176	5.34 (6.51)

Report Date: 16-Nov-2012 09:58:06 Chrom Revision: 2.0 15-Nov-2012 14:43:54

Data File: \\NCChrom\ChromData\A3UX14\20121115-14986.b\BFB14281.D\8260_14.rslt\spectra.d
Injection Date: 15-Nov-2012 10:54:30
Spectrum: Tune Spec: Scans 165-167(4.53-4.55) Bgrd 161(4.48)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 113

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	3036	69.00	26752	110.00	169	143.00	3139
37.00	17984	70.00	2175	111.00	331	144.00	196
38.00	16229	72.00	1308	112.00	169	145.00	310
39.00	6427	73.00	11565	113.00	183	146.00	417
40.00	355	74.00	44896	115.00	279	147.00	215
43.00	287	75.00	130632	116.00	1011	148.00	696
44.00	1841	76.00	11339	117.00	1561	149.00	179
45.00	3237	77.00	1423	118.00	1078	150.00	198
46.00	225	78.00	641	119.00	1461	152.00	136
47.00	4057	79.00	6931	120.00	50	153.00	122
48.00	2070	80.00	2068	122.00	115	154.00	299
49.00	15480	81.00	7333	123.00	50	155.00	636
50.00	70936	82.00	1573	124.00	168	157.00	483
51.00	21368	83.00	203	125.00	178	159.00	240
52.00	872	86.00	72	126.00	104	161.00	319
53.00	63	87.00	9109	127.00	87	171.00	61
55.00	836	88.00	8474	128.00	983	172.00	461
56.00	5096	91.00	1025	129.00	502	174.00	224320
57.00	8826	92.00	7995	130.00	1033	175.00	17240
58.00	342	93.00	10856	131.00	482	176.00	219520
59.00	56	94.00	32280	132.00	70	177.00	14297
60.00	2450	95.00	267584	134.00	70	178.00	422
61.00	13864	96.00	17632	135.00	643	193.00	56
62.00	14644	97.00	414	136.00	103	207.00	158
63.00	10717	103.00	53	137.00	446	281.00	239
64.00	925	104.00	1130	139.00	64	283.00	50
65.00	187	105.00	395	140.00	365		
67.00	953	106.00	1239	141.00	2703		
68.00	26312	107.00	269	142.00	420		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-64831/6

Matrix: Water | Lab File ID: UXX0866.D

Analysis Method: 8260B/DoD | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/13/2012 12:55

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 64831 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
78-93-3	2-Butanone (MEK)	0.57	U	10	0.57	0.57
67-64-1	Acetone	1.1	U	10	1.1	1.1
71-43-2	Benzene	0.25	U	1.0	0.25	0.13
75-25-2	Bromoform	0.64	U	1.0	0.64	0.64
74-83-9	Bromomethane	0.50	U	1.0	0.50	0.41
75-15-0	Carbon disulfide	0.25	U	1.0	0.25	0.13
56-23-5	Carbon tetrachloride	0.25	U	1.0	0.25	0.13
75-34-3	1,1-Dichloroethane	0.25	U	1.0	0.25	0.15
108-90-7	Chlorobenzene	0.25	U	1.0	0.25	0.15
107-06-2	1,2-Dichloroethane	0.25	U	1.0	0.25	0.22
74-87-3	Chloromethane	0.50	U	1.0	0.50	0.30
75-35-4	1,1-Dichloroethene	0.25	U	1.0	0.25	0.19
10061-01-5	cis-1,3-Dichloropropene	0.25	U	1.0	0.25	0.14
540-59-0	1,2-Dichloroethene, Total	0.50	U	2.0	0.50	0.34
124-48-1	Dibromochloromethane	0.25	U	1.0	0.25	0.18
78-87-5	1,2-Dichloropropane	0.25	U	1.0	0.25	0.18
75-27-4	Bromodichloromethane	0.25	U	1.0	0.25	0.15
100-41-4	Ethylbenzene	0.25	U	1.0	0.25	0.17
591-78-6	2-Hexanone	0.50	U	10	0.50	0.41
1634-04-4	Methyl tert-butyl ether	0.25	U	1.0	0.25	0.17
75-09-2	Methylene Chloride	1.37		1.0	0.50	0.33
108-10-1	4-Methyl-2-pentanone (MIBK)	0.50	U	10	0.50	0.32
100-42-5	Styrene	0.25	U	1.0	0.25	0.11
79-34-5	1,1,2,2-Tetrachloroethane	0.25	U	1.0	0.25	0.18
127-18-4	Tetrachloroethene	0.50	U	1.0	0.50	0.29
108-88-3	Toluene	0.25	U	1.0	0.25	0.13
67-66-3	Chloroform	0.25	U	1.0	0.25	0.16
10061-02-6	trans-1,3-Dichloropropene	0.25	U	1.0	0.25	0.19
71-55-6	1,1,1-Trichloroethane	0.25	U	1.0	0.25	0.22
74-97-5	Bromochloromethane	0.50	U	1.0	0.50	0.29
79-00-5	1,1,2-Trichloroethane	0.50	U	1.0	0.50	0.27
106-93-4	1,2-Dibromoethane	0.25	U	1.0	0.25	0.24
79-01-6	Trichloroethene	0.25	U	1.0	0.25	0.17
75-01-4	Vinyl chloride	0.25	U	1.0	0.25	0.22
75-00-3	Chloroethane	0.50	U	1.0	0.50	0.29
1330-20-7	Xylenes, Total	0.75	U	2.0	0.75	0.28

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 240-64831/6

Matrix: Water Lab File ID: UXX0866.D

Analysis Method: 8260B/DoD Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 11/13/2012 12:55

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 64831 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		70-120
2037-26-5	Toluene-d8 (Surr)	101		85-120
460-00-4	4-Bromofluorobenzene (Surr)	94		75-120
1868-53-7	Dibromofluoromethane (Surr)	101		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX10\20121113-14902.b\UXX0866.D
Lims ID: MB Client ID:
Inject. Date: 13-Nov-2012 12:55:30 Dil. Factor: 1.0000
Sample Type: MB
Sample ID: 240-0014902-006
Misc. Info.: P21113A,8260LLUX10,,1904 =P21113A,8260LLUX10,,1904
Operator: 1904 Instrument ID: A3UX10
Purge Vol: 5.000 mL ALS Bottle#: 5
Lims Batch ID: 64831 Lims Sample ID: 6
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX10\20121113-14902.b\8260_10.m
Last Update: 14-Nov-2012 13:08:23 Calib Date: 12-Nov-2012 19:16:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0857.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK020

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.206	5.204	0.002	99	1739044	10.0	
* 2 Chlorobenzene-d5	117	7.880	7.878	0.002	83	1174487	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.128	10.126	0.002	94	575968	10.0	
$ 5 Dibromofluoromethane (Surr)	113	4.626	4.627	-0.001	63	481503	10.1	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.922	4.911	0.011	0	572616	10.2	
$ 7 Toluene-d8 (Surr)	98	6.567	6.567	0.0	93	1864742	10.1	
$ 8 4-Bromofluorobenzene (Surr)	95	8.992	8.993	-0.001	92	573008	9.37	
11 C6-C10	1		0.000					
10 C6-C12	1		0.000					
9 Benzyl chloride	126		0.000					
143 1,3-Diethylbenzene TIC	1		0.000					
12 Dichlorodifluoromethane	85		1.562					
13 Chloromethane	50	1.692	1.692	0.0	66	18828	0.2817	
14 Vinyl chloride	62		1.799					
15 Chlorodifluoromethane TIC	1		1.900					
16 Bromomethane	94		2.083					
17 Chloroethane	64		2.165					
18 Dichlorofluoromethane	67		2.328					
19 Trichlorofluoromethane	101		2.390					
20 Ethyl ether	59		2.601					9
21 Acrolein	56		2.698					9
23 1,1-Dichloroethene	96		2.804					
24 Acetone	43		2.816					
25 1,1,2-Trichloro-1,2,2-trifluoroe	151		2.828					
22 Methylal	45		2.851					9
26 Iodomethane	142		2.935					9
27 Carbon disulfide	76		3.006					9
28 Acetonitrile	41		3.041					
29 3-Chloro-1-propene	76		3.098					
30 Methyl acetate	43		3.100					
31 Methylene Chloride	84	3.194	3.195	-0.001	90	82090	1.37	
32 2-Methyl-2-propanol	59	3.265	3.254	0.011	65	5257	1.50	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
33 Acrylonitrile	53		3.384					
34 trans-1,2-Dichloroethene	96		3.431					
35 Methyl tert-butyl ether	73		3.431					
36 Hexane	86		3.656					
37 1,1-Dichloroethane	63		3.763					
38 Vinyl acetate	86		3.798					
39 Isopropyl ether	87		3.819					
40 2-Chloro-1,3-butadiene	53		3.855					
41 Tert-butyl ethyl ether	59		4.115					
42 2-Butanone (MEK)	43		4.236					
44 2,2-Dichloropropane	77		4.248					
43 cis-1,2-Dichloroethene	96		4.248					
45 Propionitrile	54		4.281					
46 Ethyl acetate	43		4.281					9
47 Methacrylonitrile	41		4.411					9
48 Chlorobromomethane	128		4.437					
49 Tetrahydrofuran	42		4.485					
50 Chloroform	83		4.496					
51 1,1,1-Trichloroethane	97		4.674					
52 Cyclohexane	56		4.745					
53 1,1-Dichloropropene	75		4.804					
54 Carbon tetrachloride	117		4.816					
55 Isobutyl alcohol	41		4.849					
57 Benzene	78		4.982					9
56 1,2-Dichloroethane	62		4.982					
58 Tert-amyl methyl ether	73		5.062					
59 n-Heptane	100		5.192					
60 n-Butanol	56		5.405					
61 Trichloroethene	130		5.514					
62 Ethyl acrylate	55		5.605					
64 1,2-Dichloropropane	63		5.703					
63 Methylcyclohexane	83		5.703					
65 Methyl methacrylate	41		5.772					
66 Dibromomethane	93		5.798					
67 1,4-Dioxane	88	5.821	5.810	0.011	24	3496	17.6	
68 Dichlorobromomethane	83		5.928					
69 2-Nitropropane	41		6.115					
70 2-Chloroethyl vinyl ether	63		6.177					
71 cis-1,3-Dichloropropene	75		6.319					
72 4-Methyl-2-pentanone (MIBK)	43		6.437					9
73 Toluene	91		6.626					9
74 trans-1,3-Dichloropropene	75		6.792					
75 Ethyl methacrylate	69		6.875					
76 1,1,2-Trichloroethane	97		6.969					
77 1,3-Dichloropropane	76		7.123					
78 Tetrachloroethene	164		7.135					
79 2-Hexanone	43		7.182					9
80 n-Butyl acetate	56		7.298					
81 Chlorodibromomethane	129		7.336					
82 Tetrahydrothiophene	60		7.346					
83 Ethylene Dibromide	107		7.455					
84 1-Chlorohexane	91		7.779					9

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
85 Chlorobenzene	112		7.904					9
86 1,1,1,2-Tetrachloroethane	131		7.975					
87 Ethylbenzene	106		8.011					9
88 m-Xylene & p-Xylene	106		8.117					9
89 o-Xylene	106		8.496					
90 Styrene	104		8.508					9
91 Bromoform	173		8.685					
92 Isopropylbenzene	105		8.851					9
94 Cyclohexanone	55		8.931					9
93 1,4-Dichlorobutane	55		8.931					9
95 1,1,2,2-Tetrachloroethane	83		9.111					
96 Bromobenzene	156		9.147					
97 1,2,3-Trichloropropane	110		9.159					
98 trans-1,4-Dichloro-2-butene	53		9.170					
99 N-Propylbenzene	120		9.241					
100 2-Chlorotoluene	126		9.336					
101 1,3,5-Trimethylbenzene	105		9.407					9
102 4-Chlorotoluene	126		9.431					
103 tert-Butylbenzene	119		9.738					9
104 1,2,4-Trimethylbenzene	105		9.786					9
105 sec-Butylbenzene	105		9.951					9
106 1,3-Dichlorobenzene	146		10.058					9
107 4-Isopropyltoluene	119		10.093					9
108 1,4-Dichlorobenzene	146		10.153					9
109 1,2,3-Trimethylbenzene	105		10.197					9
110 n-Butylbenzene	91		10.496					9
111 1,2-Dichlorobenzene	146		10.519					9
112 1,2-Dibromo-3-Chloropropane	157		11.288					
113 1,3,5-Trichlorobenzene	180		11.513					9
114 1,2,4-Trichlorobenzene	180		12.129					9
115 Hexachlorobutadiene	225		12.306					
116 Naphthalene	128	12.365	12.377	-0.012	80	29351	0.1971	
117 1,2,3-Trichlorobenzene	180	12.625	12.626	-0.001	42	12790	0.2424	
118 2-Methylnaphthalene	142	13.678	13.676	0.002	68	18376	0.2314	
S 119 Trihalomethanes, Total	1		0.000					7
S 120 1,2-Dichloroethene, Total	96		1.140					7
S 121 1,3-Dichloropropene, Total	75		6.760					7
S 122 Xylenes, Total	106		16.530					7
T 123 Butyl Methacrylate TIC	1		9.400					1
T 124 Hexachloroethane TIC	1		10.700					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

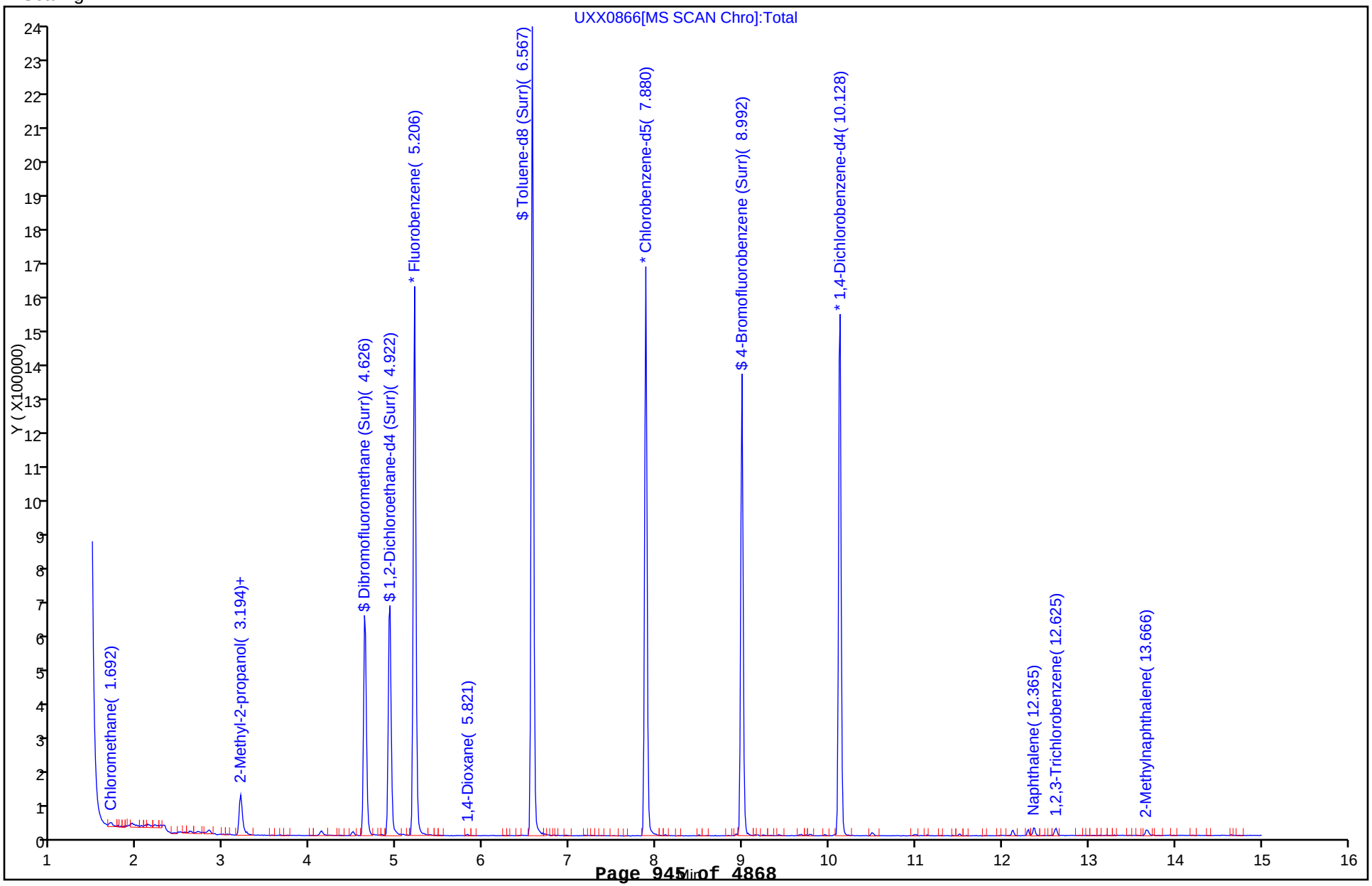
Report Date: 15-Nov-2012 13:50:57 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121113-14902.b\UXX0866.D

Injection Date:	13-Nov-2012 12:55:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX10
Lims Batch ID:	64831	Lims Sample ID:	6
Operator ID:	1904	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



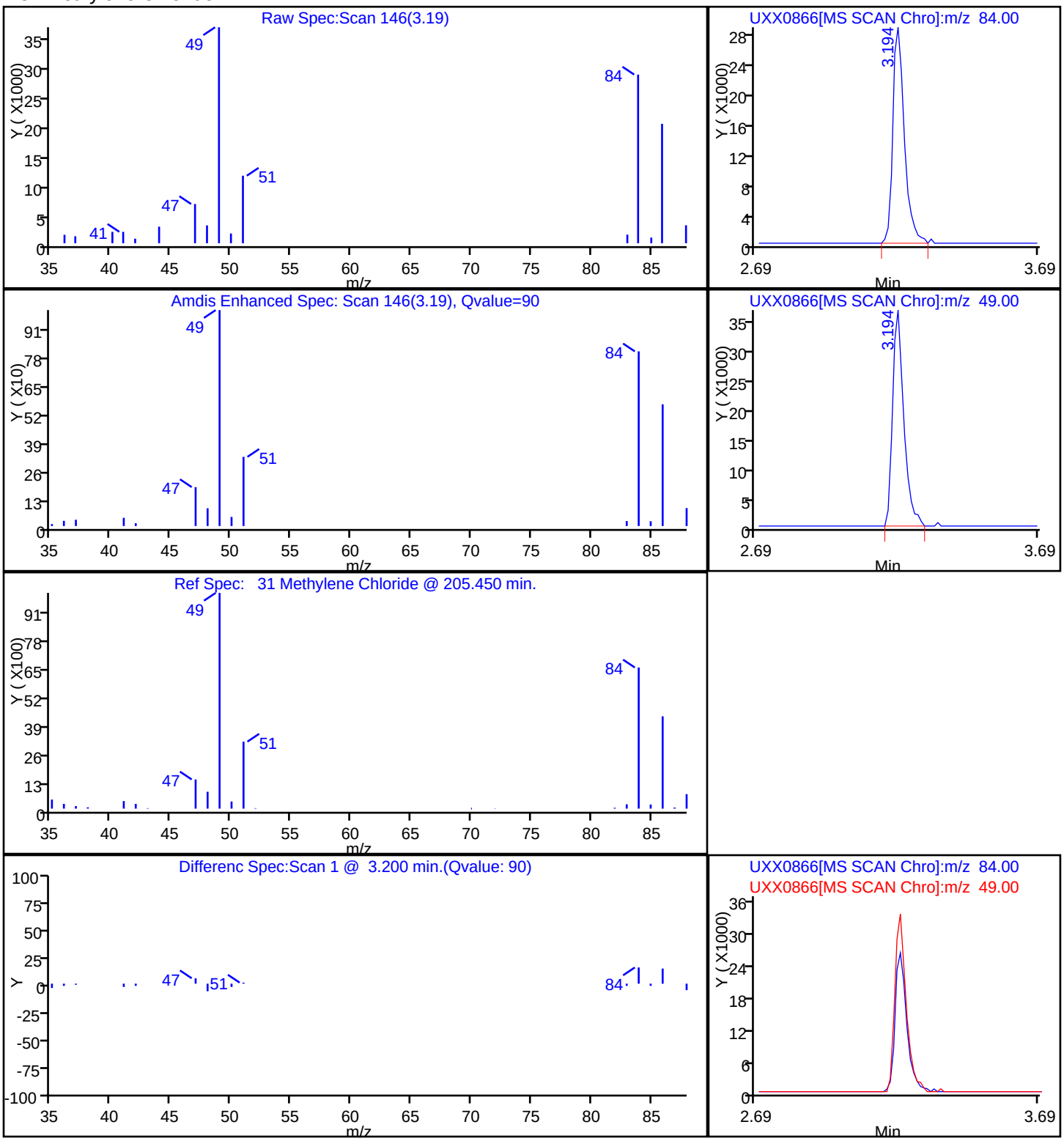
Report Date: 15-Nov-2012 13:50:57 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121113-14902.b\UXX0866.D

Injection Date:	13-Nov-2012 12:55:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX10
Lims Batch ID:	64831	Lims Sample ID:	6
Operator ID:	1904	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

31 Methylene Chloride



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-64980/8

Matrix: Solid | Lab File ID: 149143.D

Analysis Method: 8260B/DoD | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 11/14/2012 14:23

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 64980 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
78-93-3	2-Butanone (MEK)	2.0	U	20	2.0	1.4
67-64-1	Acetone	6.33	J	20	6.3	6.3
71-43-2	Benzene	0.50	U	5.0	0.50	0.23
75-25-2	Bromoform	0.50	U	5.0	0.50	0.33
74-83-9	Bromomethane	1.0	U	5.0	1.0	0.54
75-15-0	Carbon disulfide	0.50	U	5.0	0.50	0.44
56-23-5	Carbon tetrachloride	0.50	U	5.0	0.50	0.37
75-34-3	1,1-Dichloroethane	0.50	U	5.0	0.50	0.36
108-90-7	Chlorobenzene	0.50	U	5.0	0.50	0.33
107-06-2	1,2-Dichloroethane	0.50	U	5.0	0.50	0.34
74-87-3	Chloromethane	0.50	U	5.0	0.50	0.41
75-35-4	1,1-Dichloroethene	1.0	U	5.0	1.0	0.52
10061-01-5	cis-1,3-Dichloropropene	0.50	U	5.0	0.50	0.34
540-59-0	1,2-Dichloroethene, Total	1.0	U	10	1.0	0.77
124-48-1	Dibromochloromethane	1.0	U	5.0	1.0	0.55
78-87-5	1,2-Dichloropropane	1.0	U	5.0	1.0	0.69
75-27-4	Bromodichloromethane	0.50	U	5.0	0.50	0.28
100-41-4	Ethylbenzene	0.50	U	5.0	0.50	0.26
591-78-6	2-Hexanone	0.802	J	20	1.0	0.63
75-09-2	Methylene Chloride	1.54	J	5.0	1.0	0.67
108-10-1	4-Methyl-2-pentanone (MIBK)	1.0	U	20	1.0	0.54
100-42-5	Styrene	0.50	U	5.0	0.50	0.15
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	5.0	0.50	0.34
127-18-4	Tetrachloroethene	1.0	U	5.0	1.0	0.52
108-88-3	Toluene	0.50	U	5.0	0.50	0.27
67-66-3	Chloroform	0.50	U	5.0	0.50	0.29
10061-02-6	trans-1,3-Dichloropropene	1.0	U	5.0	1.0	0.54
71-55-6	1,1,1-Trichloroethane	1.0	U	5.0	1.0	0.56
74-97-5	Bromochloromethane	1.0	U	5.0	1.0	0.71
79-00-5	1,1,2-Trichloroethane	0.50	U	5.0	0.50	0.39
106-93-4	1,2-Dibromoethane	1.0	U	5.0	1.0	0.50
79-01-6	Trichloroethene	0.50	U	5.0	0.50	0.42
75-01-4	Vinyl chloride	0.50	U	5.0	0.50	0.39
75-00-3	Chloroethane	1.0	U	5.0	1.0	0.86
1330-20-7	Xylenes, Total	1.5	U	10	1.5	0.67

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 240-64980/8

Matrix: Solid Lab File ID: 149143.D

Analysis Method: 8260B/DoD Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 11/14/2012 14:23

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 64980 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	93		61-130
2037-26-5	Toluene-d8 (Surr)	94		85-115
460-00-4	4-Bromofluorobenzene (Surr)	90		85-120
1868-53-7	Dibromofluoromethane (Surr)	82		59-138

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX14\20121114-14942.b\149143.D
Lims ID: MB Client ID:
Inject. Date: 14-Nov-2012 14:23:30 Dil. Factor: 1.0000
Sample Type: MB
Sample ID: mb
Misc. Info.: 240-0014942-008 =240-0014942-008
Operator: 002808 Instrument ID: A3UX14
Purge Vol: 5.000 mL ALS Bottle#: 7
Lims Batch ID: 64980 Lims Sample ID: 8
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX14\20121114-14942.b\8260_14.m
Last Update: 15-Nov-2012 10:40:32 Calib Date: 13-Nov-2012 22:59:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX14\20121113-14916.b\149122.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK025

First Level Reviewer: macenczaks Date: 14-Nov-2012 14:43:17

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	1385123	50.0	
* 2 Chlorobenzene-d5	117	9.594	9.594	0.0	91	758736	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.571	11.571	0.0	99	439705	50.0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	58	301962	41.2	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.542	6.542	0.0	93	369747	46.7	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	86	1067346	46.9	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	90	327818	45.0	
135 1,4-Dichlorobutane	1		0.000					
134 Chlorodifluoromethane TIC	1		0.000					
133 Benzyl chloride	126		0.000					
138 Butyl Methacrylate TIC	1		0.000					
136 Hexachloroethane TIC	1		0.000					
12 Dichlorodifluoromethane	85		1.442					9
13 Chloromethane	50		1.607					9
14 Vinyl chloride	62		1.737					
15 Bromomethane	94		2.069					9
16 Chloroethane	64		2.187					
17 Dichlorofluoromethane	67		2.447					
18 Trichlorofluoromethane	101		2.507					
19 Ethyl ether	59		2.873					9
25 Methylal	45		2.932					9
20 Acrolein	56		3.027					9
21 1,1-Dichloroethene	96		3.146					9
23 1,1,2-Trichloro-1,2,2-trifluoroe	151		3.181					
22 Acetone	43	3.264	3.252	0.012	93	25147	6.33	
24 Iodomethane	142		3.347					9
26 Carbon disulfide	76		3.418					
27 Acetonitrile	41	3.666	3.666	0.0	92	2626	3.04	
29 3-Chloro-1-propene	76		3.690					
28 Methyl acetate	43	3.761	3.761	0.0	73	3287	0.5797	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
30 Methylene Chloride	84	3.879	3.891	-0.012	88	61378	1.54	
31 2-Methyl-2-propanol	59		4.187					
32 Acrylonitrile	53	4.317	4.305	0.012	76	1618	0.6040	
33 trans-1,2-Dichloroethene	96		4.317					9
34 Methyl tert-butyl ether	73		4.353					
35 Hexane	86	4.743	4.743	0.0	94	3990	1.90	
36 1,1-Dichloroethane	63		4.921					
39 2-Chloro-1,3-butadiene	53		5.039					
37 Vinyl acetate	86		5.039					
38 Isopropyl ether	87		5.074					9
40 Tert-butyl ethyl ether	59		5.524					9
61 Ethyl acrylate	55		5.605					
43 2,2-Dichloropropane	77		5.642					9
42 cis-1,2-Dichloroethene	96		5.654					9
41 2-Butanone (MEK)	43	5.713	5.701	0.012	27	6661	0.9550	
44 Propionitrile	54		5.761					
45 Ethyl acetate	43		5.796					9
46 Methacrylonitrile	41		5.926					9
47 Chlorobromomethane	128		5.926					9
48 Tetrahydrofuran	42		5.985					9
49 Chloroform	83		6.033					9
50 1,1,1-Trichloroethane	97		6.210					
51 Cyclohexane	56		6.258					9
52 1,1-Dichloropropene	75		6.388					9
53 Carbon tetrachloride	117		6.388					
54 Isobutyl alcohol	41		6.589					
55 Benzene	78		6.601					9
56 1,2-Dichloroethane	62		6.624					
57 Tert-amyl methyl ether	73		6.743					
58 n-Heptane	100		6.897					
59 n-Butanol	56		7.228					
60 Trichloroethene	130		7.240					9
80 Tetrahydrothiophene	60		7.255					
63 Methylcyclohexane	83		7.417					9
62 1,2-Dichloropropane	63		7.453					
65 Dibromomethane	93		7.559					
64 Methyl methacrylate	41		7.583					
66 1,4-Dioxane	88		7.583					
67 Dichlorobromomethane	83		7.713					
68 2-Nitropropane	41		7.914					
69 2-Chloroethyl vinyl ether	63		7.997					
70 cis-1,3-Dichloropropene	75		8.115					9
71 4-Methyl-2-pentanone (MIBK)	43		8.257					
72 Toluene	91	8.411	8.411	0.0	62	2672	0.1002	
73 trans-1,3-Dichloropropene	75		8.601					9
74 Ethyl methacrylate	69		8.683					
75 1,1,2-Trichloroethane	97		8.766					
77 Tetrachloroethene	164		8.885					9
76 1,3-Dichloropropane	76		8.908					9
78 2-Hexanone	43	8.979	8.979	0.0	69	1953	0.8018	
132 n-Butyl acetate	43		9.086					1
79 Chlorodibromomethane	129		9.109					

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
123 Ethylene Dibromide	107	9.204	9.204	0.0	10	689	0.1952	
81 1-Chlorohexane	91	9.594	9.594	0.0	13	1623	0	
82 Chlorobenzene	112		9.618					9
83 1,1,1,2-Tetrachloroethane	131		9.689					
84 Ethylbenzene	106	9.713	9.713	0.0	22	841	0.0891	7
10 m-Xylene & p-Xylene	106	9.807	9.807	0.0	88	1926	0.1665	
85 o-Xylene	106		10.151					
86 Styrene	104	10.162	10.162	0.0	65	2288	0.1448	
87 Bromoform	173		10.328					
88 Isopropylbenzene	105		10.458					9
89 Cyclohexanone	55	10.541	10.541	0.0	22	2239	2.06	
90 1,1,2,2-Tetrachloroethane	83		10.707					
91 Bromobenzene	156	10.719	10.719	0.0	56	1350	0.1893	
92 1,2,3-Trichloropropane	110		10.742					
93 trans-1,4-Dichloro-2-butene	53		10.754					9
94 N-Propylbenzene	120		10.801					
95 2-Chlorotoluene	126	10.872	10.884	-0.012	8	888	0.1135	
96 1,3,5-Trimethylbenzene	105		10.943					9
104 4-Chlorotoluene	126	10.979	10.967	0.012	59	1405	0.1873	
97 tert-Butylbenzene	119		11.227					9
98 1,2,4-Trimethylbenzene	105		11.263					9
99 sec-Butylbenzene	105		11.417					9
100 1,3-Dichlorobenzene	146	11.511	11.511	0.0	74	3561	0.2301	
101 4-Isopropyltoluene	119		11.535					9
102 1,4-Dichlorobenzene	146	11.582	11.582	0.0	35	5331	0.3323	
103 1,2,3-Trimethylbenzene	105		11.630					
105 n-Butylbenzene	91	11.878	11.878	0.0	67	2901	0.1115	
106 1,2-Dichlorobenzene	146	11.902	11.902	0.0	58	3139	0.2099	
107 1,2-Dibromo-3-Chloropropane	157		12.553					
108 1,3,5-Trichlorobenzene	180		12.730					9
109 1,2,4-Trichlorobenzene	180	13.239	13.239	0.0	66	3845	0.3641	
110 Hexachlorobutadiene	225		13.369					9
111 Naphthalene	128	13.440	13.440	0.0	86	11493	0.6343	
112 1,2,3-Trichlorobenzene	180	13.630	13.630	0.0	65	4628	0.5269	
113 2-Methylnaphthalene	142	14.304	14.304	0.0	49	3181	0.3048	
A 140 C6-C10	1	7.589	3.915 - 11.263		0	1055782	0	
A 139 C6-C12	1	8.388	3.915 - 12.860		0	1332865	0	
S 137 Trihalomethanes, Total	1		0.000					
S 11 1,2-Dichloroethene, Total	96		1.140					
S 9 1,3-Dichloropropene, Total	75		6.760					
S 114 Xylenes, Total	106				0		0.1665	

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

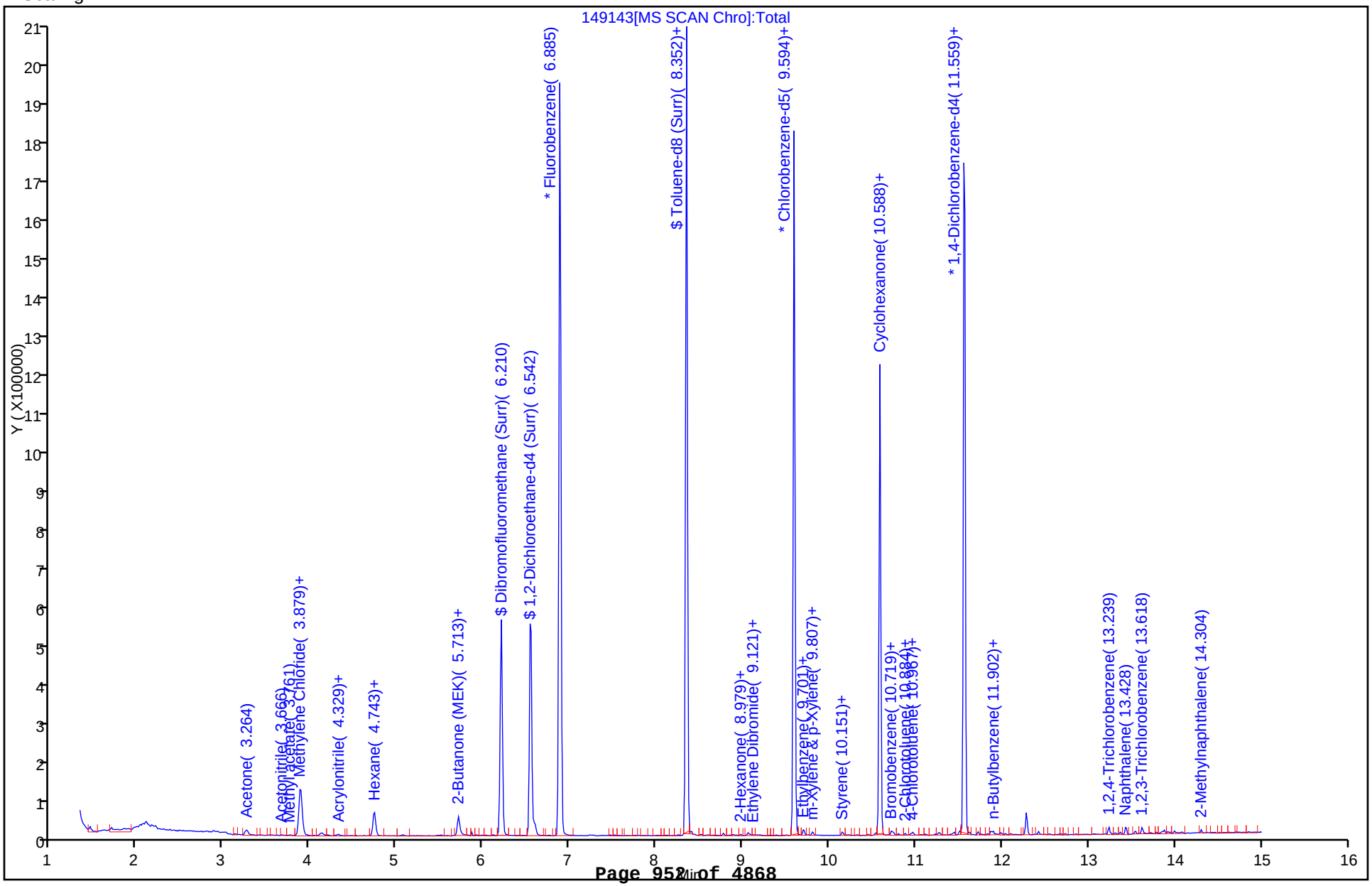
Report Date: 15-Nov-2012 10:40:36 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121114-14942.b\149143.D

Injection Date:	14-Nov-2012 14:23:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	64980	Lims Sample ID:	8
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



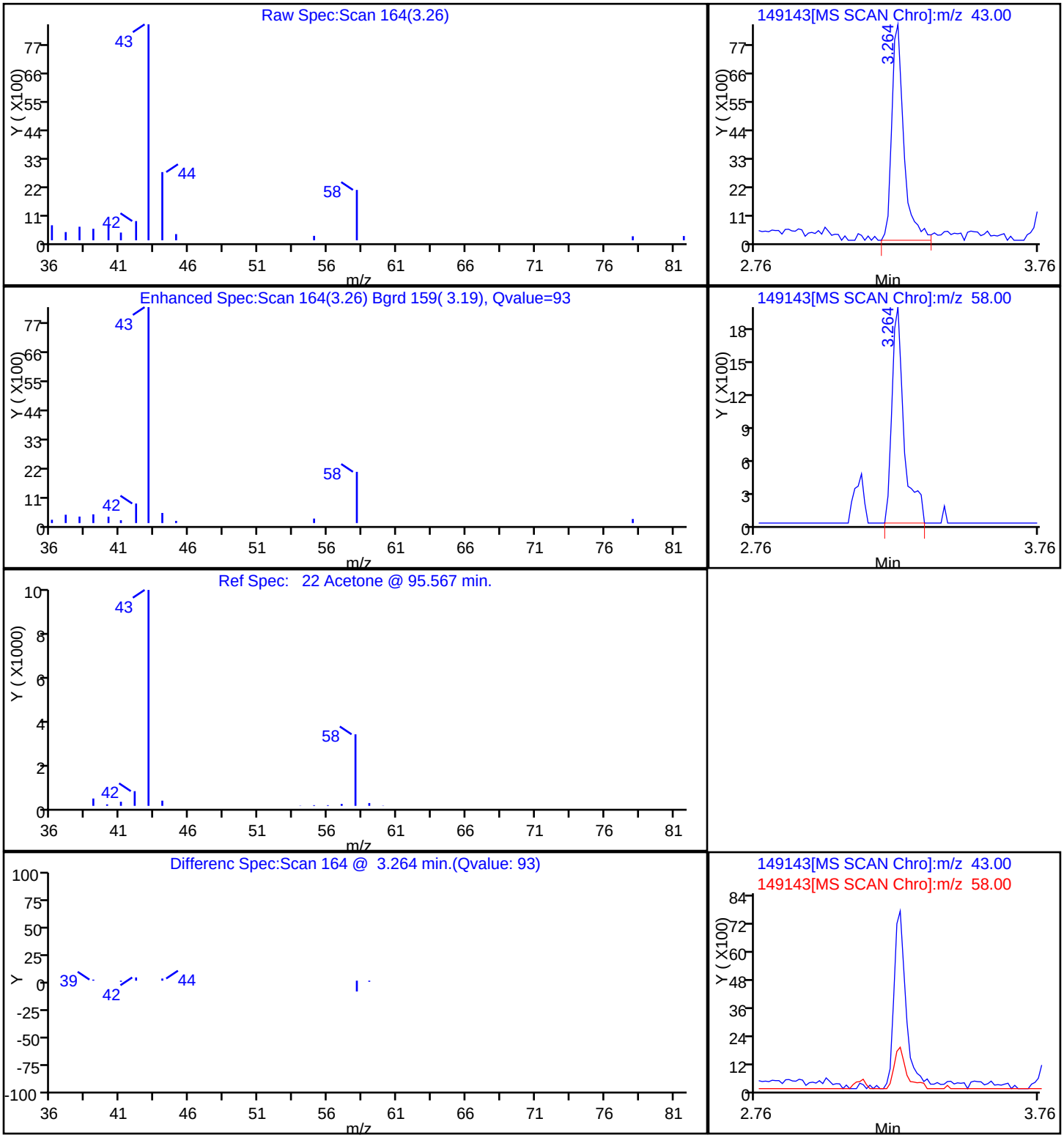
Report Date: 15-Nov-2012 10:40:36 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121114-14942.b\149143.D

Injection Date:	14-Nov-2012 14:23:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	64980	Lims Sample ID:	8
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

22 Acetone



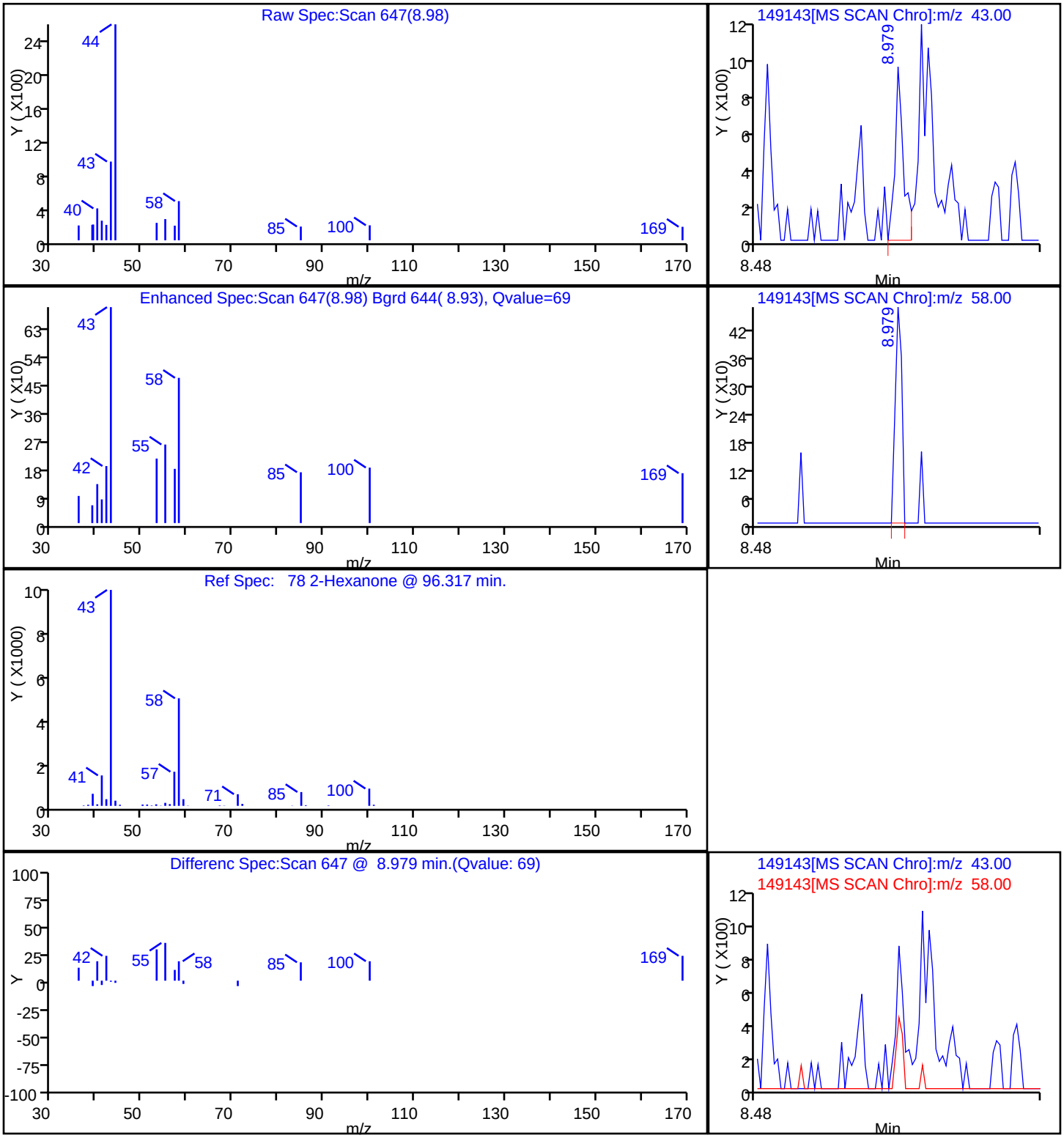
Report Date: 15-Nov-2012 10:40:36 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121114-14942.b\149143.D

Injection Date:	14-Nov-2012 14:23:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	64980	Lims Sample ID:	8
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

78 2-Hexanone



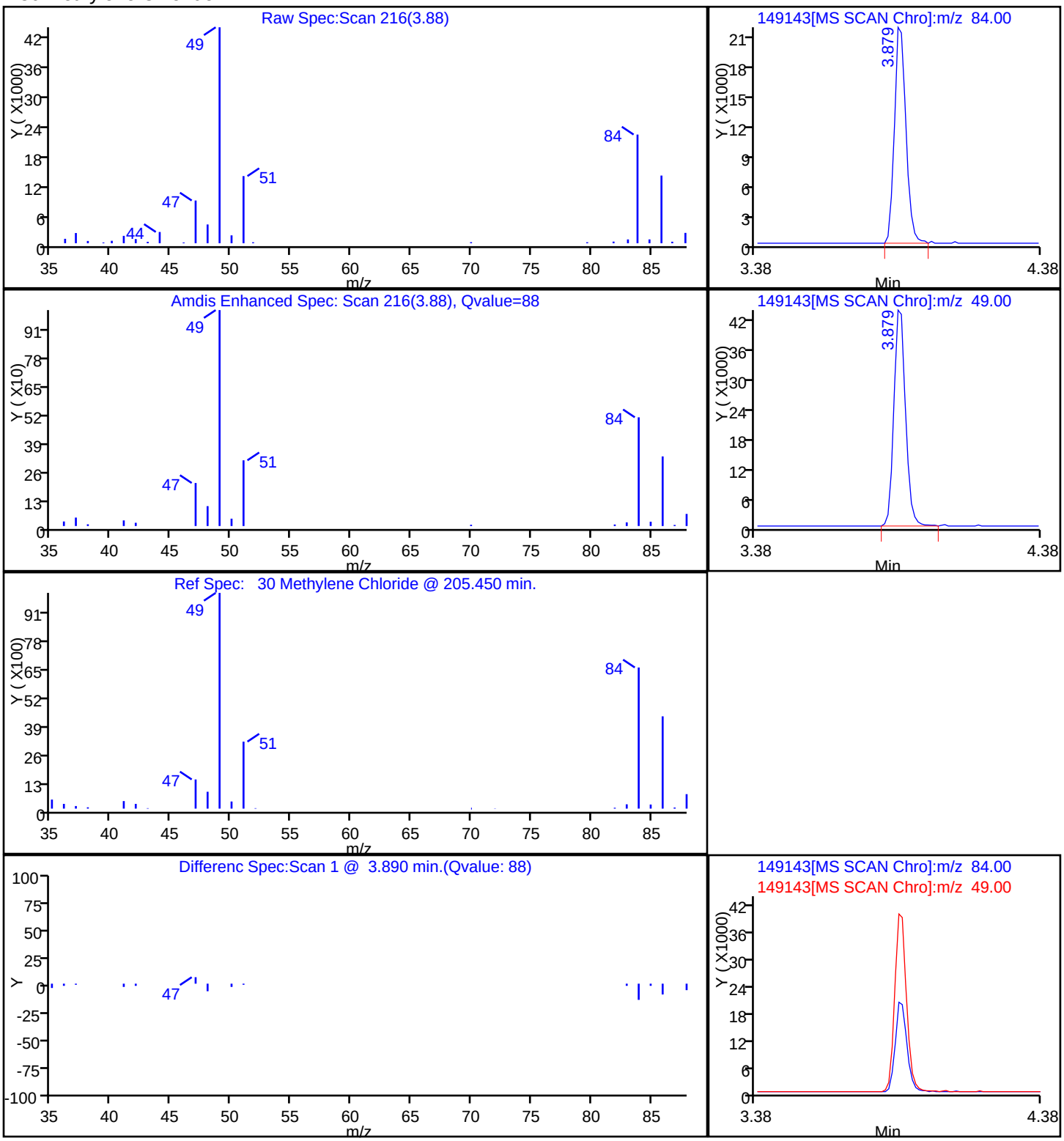
Report Date: 15-Nov-2012 10:40:36 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121114-14942.b\149143.D

Injection Date:	14-Nov-2012 14:23:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	64980	Lims Sample ID:	8
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

30 Methylene Chloride



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-65171/8

Matrix: Solid | Lab File ID: 149176.D

Analysis Method: 8260B/DoD | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 11/15/2012 13:25

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 65171 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
78-93-3	2-Butanone (MEK)	2.0	U	20	2.0	1.4
67-64-1	Acetone	6.41	J	20	6.3	6.3
71-43-2	Benzene	0.50	U	5.0	0.50	0.23
75-25-2	Bromoform	0.50	U	5.0	0.50	0.33
74-83-9	Bromomethane	1.0	U	5.0	1.0	0.54
75-15-0	Carbon disulfide	0.50	U	5.0	0.50	0.44
56-23-5	Carbon tetrachloride	0.50	U	5.0	0.50	0.37
75-34-3	1,1-Dichloroethane	0.50	U	5.0	0.50	0.36
108-90-7	Chlorobenzene	0.50	U	5.0	0.50	0.33
107-06-2	1,2-Dichloroethane	0.50	U	5.0	0.50	0.34
74-87-3	Chloromethane	0.50	U	5.0	0.50	0.41
75-35-4	1,1-Dichloroethene	1.0	U	5.0	1.0	0.52
10061-01-5	cis-1,3-Dichloropropene	0.50	U	5.0	0.50	0.34
540-59-0	1,2-Dichloroethene, Total	1.0	U	10	1.0	0.77
124-48-1	Dibromochloromethane	1.0	U	5.0	1.0	0.55
78-87-5	1,2-Dichloropropane	1.0	U	5.0	1.0	0.69
75-27-4	Bromodichloromethane	0.50	U	5.0	0.50	0.28
100-41-4	Ethylbenzene	0.50	U	5.0	0.50	0.26
591-78-6	2-Hexanone	1.0	U	20	1.0	0.63
75-09-2	Methylene Chloride	1.0	U	5.0	1.0	0.67
108-10-1	4-Methyl-2-pentanone (MIBK)	0.598	J	20	1.0	0.54
100-42-5	Styrene	0.151	J	5.0	0.50	0.15
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U	5.0	0.50	0.34
127-18-4	Tetrachloroethene	1.0	U	5.0	1.0	0.52
108-88-3	Toluene	0.50	U	5.0	0.50	0.27
67-66-3	Chloroform	0.50	U	5.0	0.50	0.29
10061-02-6	trans-1,3-Dichloropropene	1.0	U	5.0	1.0	0.54
71-55-6	1,1,1-Trichloroethane	1.0	U	5.0	1.0	0.56
74-97-5	Bromochloromethane	1.0	U	5.0	1.0	0.71
79-00-5	1,1,2-Trichloroethane	0.50	U	5.0	0.50	0.39
106-93-4	1,2-Dibromoethane	1.0	U	5.0	1.0	0.50
79-01-6	Trichloroethene	0.50	U	5.0	0.50	0.42
75-01-4	Vinyl chloride	0.50	U	5.0	0.50	0.39
75-00-3	Chloroethane	1.0	U	5.0	1.0	0.86
1330-20-7	Xylenes, Total	1.5	U	10	1.5	0.67

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 240-65171/8

Matrix: Solid Lab File ID: 149176.D

Analysis Method: 8260B/DoD Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 11/15/2012 13:25

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 65171 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		61-130
2037-26-5	Toluene-d8 (Surr)	93		85-115
460-00-4	4-Bromofluorobenzene (Surr)	97		85-120
1868-53-7	Dibromofluoromethane (Surr)	83		59-138

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX14\20121115-14986.b\149176.D
Lims ID: MB Client ID:
Inject. Date: 15-Nov-2012 13:25:30 Dil. Factor: 1.0000
Sample Type: MB
Sample ID: mb
Misc. Info.: 240-0014986-008 =240-0014986-008
Operator: 002808 Instrument ID: A3UX14
Purge Vol: 5.000 mL ALS Bottle#: 7
Lims Batch ID: 65171 Lims Sample ID: 8
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX14\20121115-14986.b\8260_14.m
Last Update: 16-Nov-2012 09:58:08 Calib Date: 13-Nov-2012 22:59:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX14\20121113-14916.b\149122.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK015

First Level Reviewer: macenczaks Date: 15-Nov-2012 13:43:29

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	1456000	50.0	
* 2 Chlorobenzene-d5	117	9.595	9.594	0.0	98	834335	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.571	11.570	0.001	98	466314	50.0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	66	317981	41.3	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.542	6.541	0.001	93	396005	47.6	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	95	1167940	46.7	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	87	373181	48.3	
135 1,4-Dichlorobutane	1		0.000					
134 Chlorodifluoromethane TIC	1		0.000					
138 Butyl Methacrylate TIC	1		0.000					
133 Benzyl chloride	126		0.000					
136 Hexachloroethane TIC	1		0.000					
12 Dichlorodifluoromethane	85		1.442					9
13 Chloromethane	50		1.607					9
14 Vinyl chloride	62		1.737					
15 Bromomethane	94		2.069					
16 Chloroethane	64		2.187					3
17 Dichlorofluoromethane	67		2.447					
18 Trichlorofluoromethane	101		2.507					
19 Ethyl ether	59	2.873	2.873	0.0	94	4974	0.6928	
25 Methylal	45	2.873	2.932	-0.059	65	8340	0	
20 Acrolein	56		3.027					9
21 1,1-Dichloroethene	96		3.146					9
23 1,1,2-Trichloro-1,2,2-trifluoroe	151		3.181					
22 Acetone	43	3.252	3.252	0.0	95	26599	6.41	
24 Iodomethane	142		3.347					
26 Carbon disulfide	76		3.418					9
27 Acetonitrile	41		3.666					
29 3-Chloro-1-propene	76		3.690					
28 Methyl acetate	43		3.761					

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
30 Methylene Chloride	84		3.879					
31 2-Methyl-2-propanol	59		4.187					
32 Acrylonitrile	53	4.305	4.305	0.0	83	1717	0.6098	
33 trans-1,2-Dichloroethene	96		4.317					
34 Methyl tert-butyl ether	73		4.353					9
35 Hexane	86	4.731	4.743	-0.012	94	1241	0.5609	
36 1,1-Dichloroethane	63		4.921					
39 2-Chloro-1,3-butadiene	53		5.039					
37 Vinyl acetate	86		5.039					
38 Isopropyl ether	87		5.074					
40 Tert-butyl ethyl ether	59		5.524					9
61 Ethyl acrylate	55		5.605					
43 2,2-Dichloropropane	77		5.642					9
42 cis-1,2-Dichloroethene	96		5.654					
41 2-Butanone (MEK)	43	5.701	5.701	0.0	27	5836	0.5361	
44 Propionitrile	54		5.760					
45 Ethyl acetate	43		5.796					
46 Methacrylonitrile	41		5.926					9
47 Chlorobromomethane	128		5.926					
48 Tetrahydrofuran	42		5.985					
49 Chloroform	83		6.033					9
50 1,1,1-Trichloroethane	97		6.210					
51 Cyclohexane	56		6.258					
53 Carbon tetrachloride	117		6.388					9
52 1,1-Dichloropropene	75		6.388					9
54 Isobutyl alcohol	41		6.589					
55 Benzene	78		6.601					9
56 1,2-Dichloroethane	62		6.624					
57 Tert-amyl methyl ether	73		6.743					
58 n-Heptane	100		6.896					
59 n-Butanol	56	7.228	7.228	0.0	86	5103	21.2	
60 Trichloroethene	130		7.240					
80 Tetrahydrothiophene	60		7.255					9
63 Methylcyclohexane	83		7.417					9
62 1,2-Dichloropropane	63		7.453					
65 Dibromomethane	93		7.559					
64 Methyl methacrylate	41		7.571					
66 1,4-Dioxane	88		7.583					
67 Dichlorobromomethane	83		7.713					
68 2-Nitropropane	41		7.926					
69 2-Chloroethyl vinyl ether	63		7.997					
70 cis-1,3-Dichloropropene	75		8.115					9
71 4-Methyl-2-pentanone (MIBK)	43	8.257	8.257	0.0	54	3079	0.5983	
72 Toluene	91	8.411	8.411	0.0	52	3148	0.1073	
73 trans-1,3-Dichloropropene	75		8.601					9
74 Ethyl methacrylate	69		8.683					9
75 1,1,2-Trichloroethane	97		8.766					9
77 Tetrachloroethene	164		8.885					9
76 1,3-Dichloropropane	76		8.908					9
78 2-Hexanone	43		8.979					9
132 n-Butyl acetate	43	9.086	9.085	0.001	0	7650	0	
79 Chlorodibromomethane	129		9.109					

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
123 Ethylene Dibromide	107	9.204	9.204	0.0	39	601	0.1549	
81 1-Chlorohexane	91	9.595	9.594	0.0	14	1595	0	
82 Chlorobenzene	112		9.618					9
83 1,1,1,2-Tetrachloroethane	131		9.689					
84 Ethylbenzene	106	9.713	9.713	0.0	17	787	0.0758	7
10 m-Xylene & p-Xylene	106	9.807	9.808	-0.001	70	1972	0.1550	
85 o-Xylene	106		10.151					
86 Styrene	104	10.162	10.162	0.0	63	2627	0.1512	
87 Bromoform	173		10.328					
88 Isopropylbenzene	105		10.458					9
89 Cyclohexanone	55	10.541	10.541	0.0	28	3158	2.64	
90 1,1,2,2-Tetrachloroethane	83		10.707					9
91 Bromobenzene	156		10.719					9
92 1,2,3-Trichloropropane	110		10.742					
93 trans-1,4-Dichloro-2-butene	53		10.754					9
94 N-Propylbenzene	120		10.801					
95 2-Chlorotoluene	126	10.872	10.884	-0.012	18	543	0.0654	7
96 1,3,5-Trimethylbenzene	105		10.943					9
104 4-Chlorotoluene	126	10.979	10.967	0.012	51	1426	0.1792	
97 tert-Butylbenzene	119		11.227					9
98 1,2,4-Trimethylbenzene	105		11.263					9
99 sec-Butylbenzene	105		11.417					9
100 1,3-Dichlorobenzene	146	11.511	11.511	0.0	2	3586	0.2185	
101 4-Isopropyltoluene	119		11.535					9
102 1,4-Dichlorobenzene	146	11.582	11.582	0.0	35	4288	0.2521	
103 1,2,3-Trimethylbenzene	105		11.630					
105 n-Butylbenzene	91	11.866	11.878	-0.012	72	3014	0.1092	
106 1,2-Dichlorobenzene	146	11.902	11.902	0.0	63	3483	0.2196	
107 1,2-Dibromo-3-Chloropropane	157		12.553					
108 1,3,5-Trichlorobenzene	180		12.730					9
109 1,2,4-Trichlorobenzene	180	13.239	13.239	0.0	62	3885	0.3469	
110 Hexachlorobutadiene	225		13.369					9
111 Naphthalene	128	13.428	13.440	-0.012	88	12281	0.6392	
112 1,2,3-Trichlorobenzene	180	13.630	13.630	0.0	73	4291	0.4607	
113 2-Methylnaphthalene	142	14.304	14.304	0.0	20	2928	0.2646	
A 140 C6-C10	1	7.589	3.915 - 11.263		0	1399572	0	
A 139 C6-C12	1	8.388	3.915 - 12.860		0	1778799	0	
S 137 Trihalomethanes, Total	1		0.000					
S 11 1,2-Dichloroethene, Total	96		1.140					
S 9 1,3-Dichloropropene, Total	75		6.760					
S 114 Xylenes, Total	106				0		0.1550	

QC Flag Legend

Processing Flags
3 - Failed RT Window Test
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

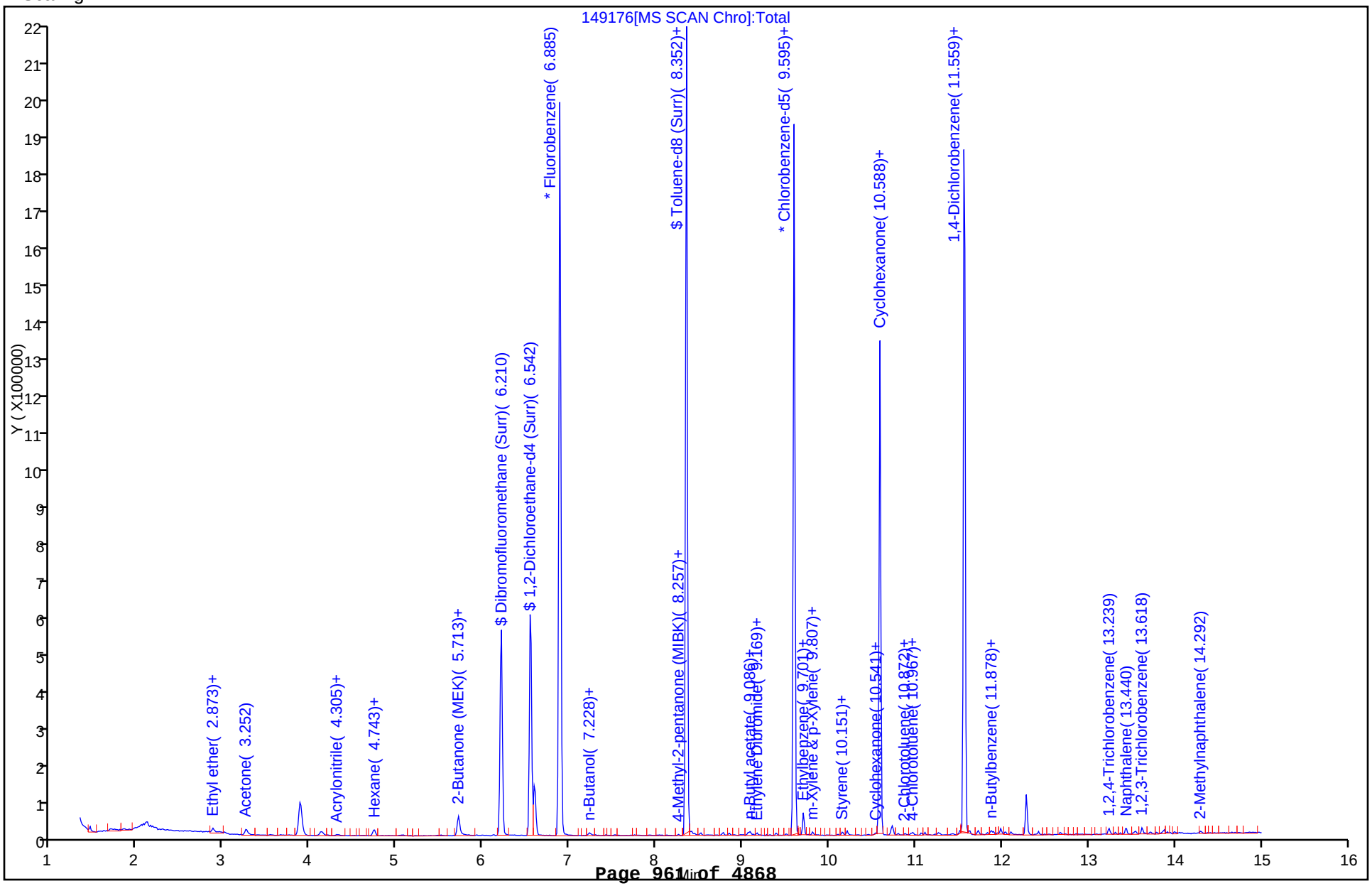
Report Date: 16-Nov-2012 09:58:12 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121115-14986.b\149176.D

Injection Date:	15-Nov-2012 13:25:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	65171	Lims Sample ID:	8
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



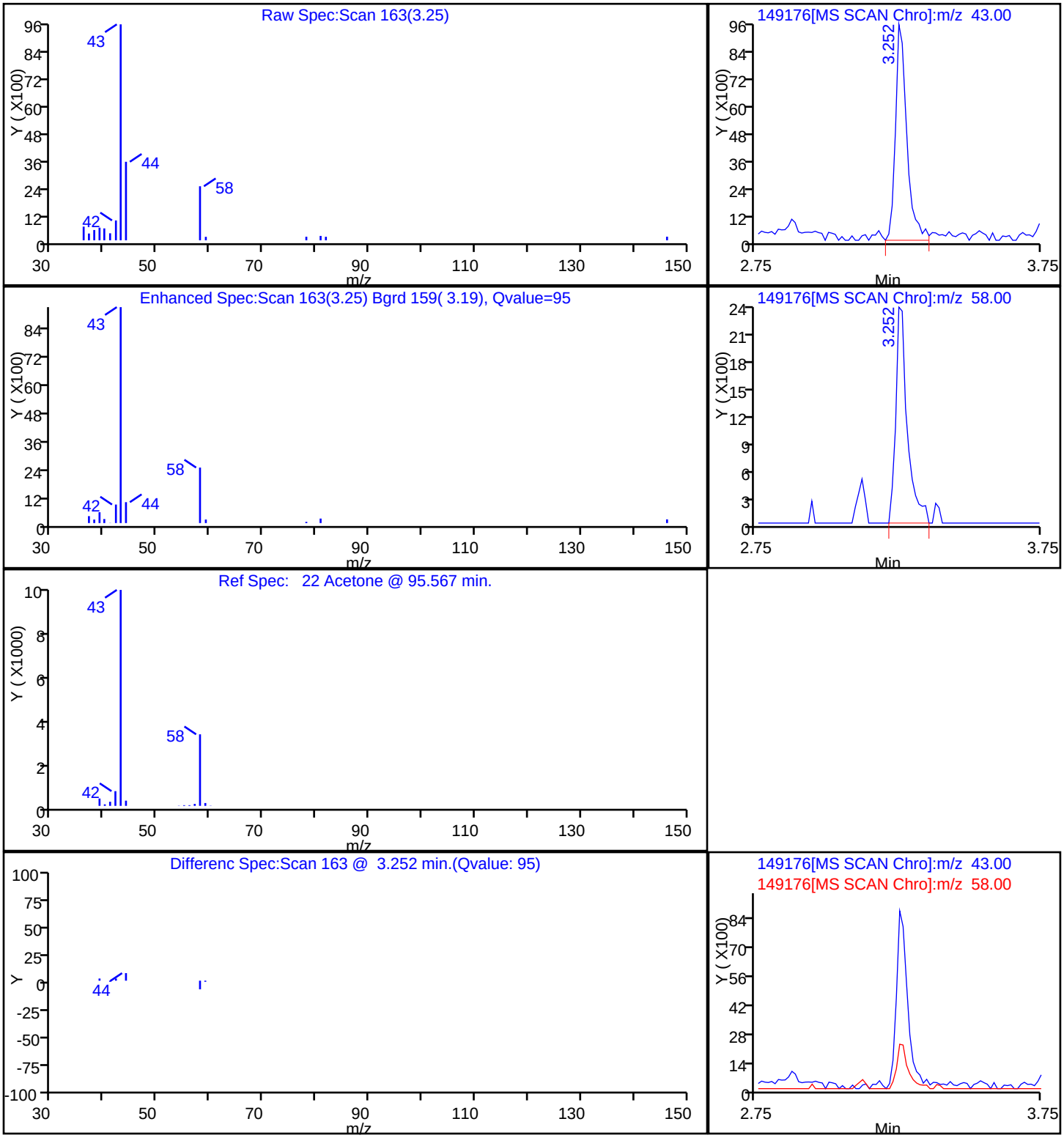
Report Date: 16-Nov-2012 09:58:12 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121115-14986.b\149176.D

Injection Date:	15-Nov-2012 13:25:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	65171	Lims Sample ID:	8
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

22 Acetone



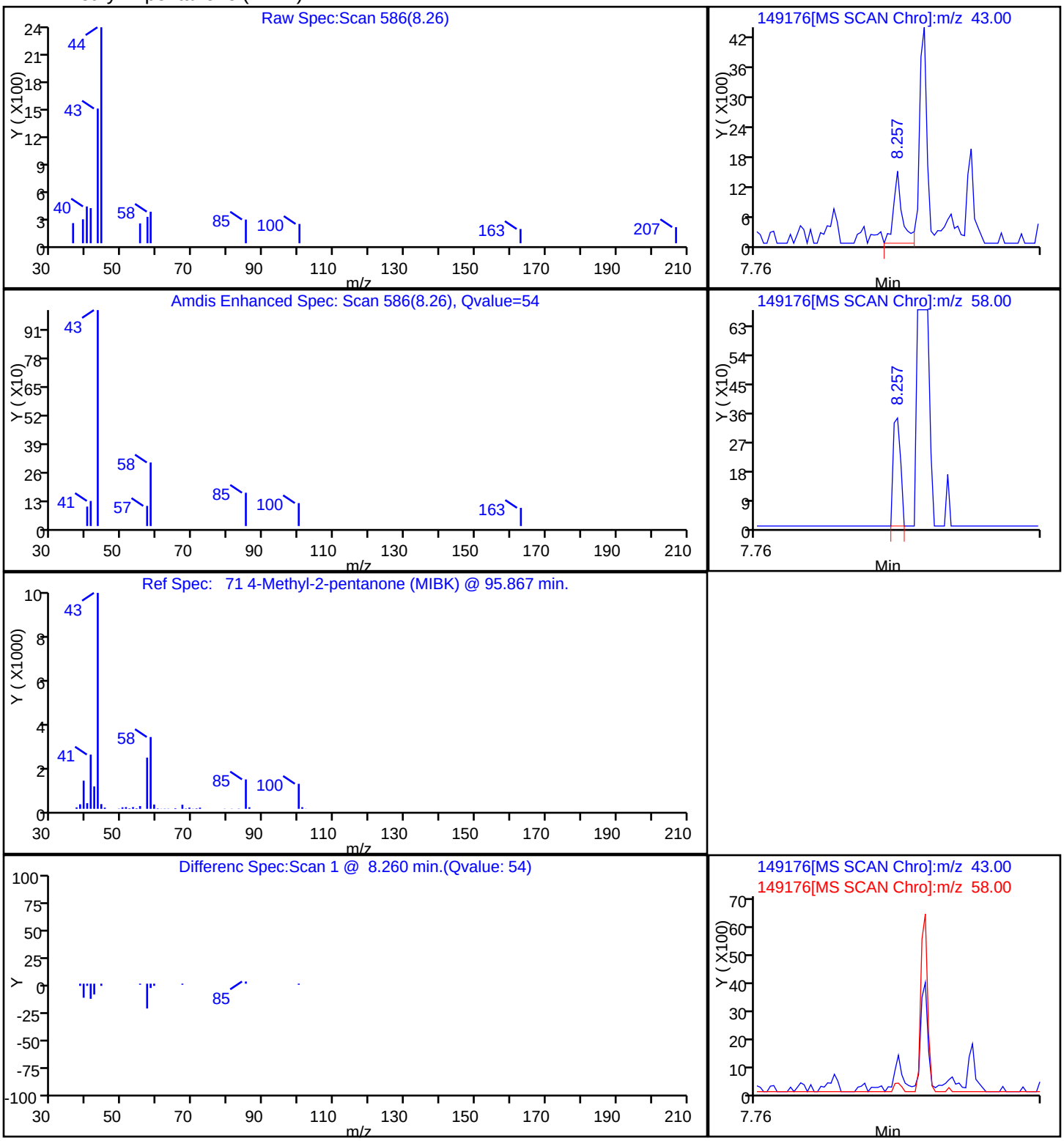
Report Date: 16-Nov-2012 09:58:12 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121115-14986.b\149176.D

Injection Date:	15-Nov-2012 13:25:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	65171	Lims Sample ID:	8
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

71 4-Methyl-2-pentanone (MIBK)



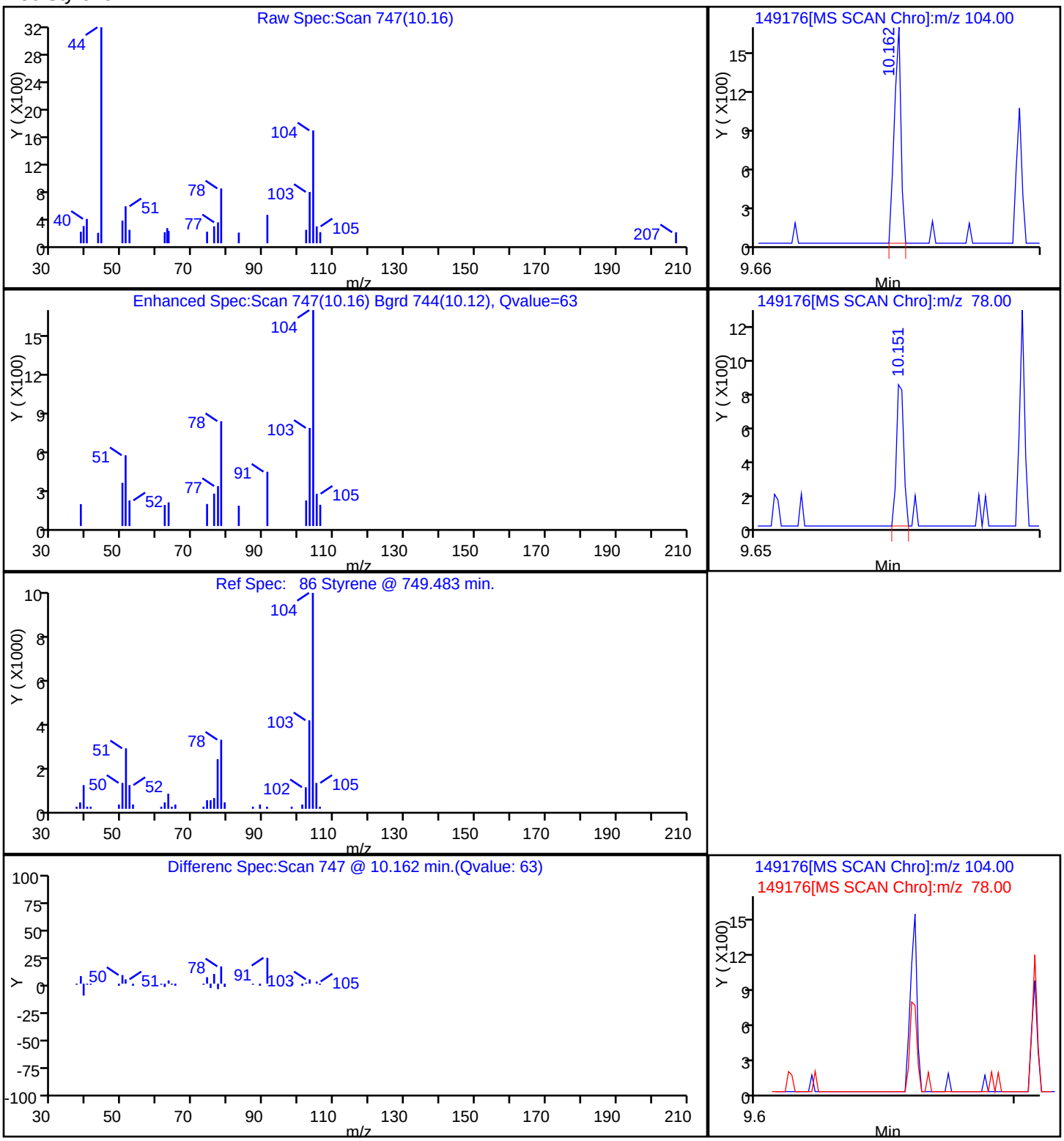
Report Date: 16-Nov-2012 09:58:12 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121115-14986.b\149176.D

Injection Date:	15-Nov-2012 13:25:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	65171	Lims Sample ID:	8
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

86 Styrene



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-64831/4

Matrix: Water | Lab File ID: UXX0864.D

Analysis Method: 8260B/DoD | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/13/2012 12:10

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 64831 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
78-93-3	2-Butanone (MEK)	19.0		10	0.57	0.57
67-64-1	Acetone	21.4		10	1.1	1.1
71-43-2	Benzene	10.4		1.0	0.25	0.13
75-25-2	Bromoform	9.95		1.0	0.64	0.64
74-83-9	Bromomethane	10.1		1.0	0.50	0.41
75-15-0	Carbon disulfide	11.0		1.0	0.25	0.13
56-23-5	Carbon tetrachloride	10.4		1.0	0.25	0.13
75-34-3	1,1-Dichloroethane	10.8		1.0	0.25	0.15
108-90-7	Chlorobenzene	10.1		1.0	0.25	0.15
107-06-2	1,2-Dichloroethane	10.4		1.0	0.25	0.22
74-87-3	Chloromethane	9.74		1.0	0.50	0.30
75-35-4	1,1-Dichloroethene	10.9		1.0	0.25	0.19
10061-01-5	cis-1,3-Dichloropropene	10.1		1.0	0.25	0.14
540-59-0	1,2-Dichloroethene, Total	21.1		2.0	0.50	0.34
124-48-1	Dibromochloromethane	10.1		1.0	0.25	0.18
78-87-5	1,2-Dichloropropane	10.4		1.0	0.25	0.18
75-27-4	Bromodichloromethane	10.5		1.0	0.25	0.15
100-41-4	Ethylbenzene	10.4		1.0	0.25	0.17
591-78-6	2-Hexanone	20.0		10	0.50	0.41
1634-04-4	Methyl tert-butyl ether	10.4		1.0	0.25	0.17
75-09-2	Methylene Chloride	11.4		1.0	0.50	0.33
108-10-1	4-Methyl-2-pentanone (MIBK)	20.1		10	0.50	0.32
100-42-5	Styrene	10.7		1.0	0.25	0.11
79-34-5	1,1,2,2-Tetrachloroethane	9.64		1.0	0.25	0.18
127-18-4	Tetrachloroethene	9.91		1.0	0.50	0.29
108-88-3	Toluene	10.4		1.0	0.25	0.13
67-66-3	Chloroform	10.1		1.0	0.25	0.16
10061-02-6	trans-1,3-Dichloropropene	10.3		1.0	0.25	0.19
71-55-6	1,1,1-Trichloroethane	10.7		1.0	0.25	0.22
74-97-5	Bromochloromethane	10.2		1.0	0.50	0.29
79-00-5	1,1,2-Trichloroethane	10.4		1.0	0.50	0.27
106-93-4	1,2-Dibromoethane	10.0		1.0	0.25	0.24
79-01-6	Trichloroethene	10.4		1.0	0.25	0.17
75-01-4	Vinyl chloride	10.0		1.0	0.25	0.22
75-00-3	Chloroethane	10.5		1.0	0.50	0.29
1330-20-7	Xylenes, Total	31.6		2.0	0.75	0.28

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 240-64831/4

Matrix: Water Lab File ID: UXX0864.D

Analysis Method: 8260B/DoD Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 11/13/2012 12:10

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 64831 Units: ug/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		70-120
2037-26-5	Toluene-d8 (Surr)	104		85-120
460-00-4	4-Bromofluorobenzene (Surr)	106		75-120
1868-53-7	Dibromofluoromethane (Surr)	102		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX10\20121113-14902.b\UXX0864.D
Lims ID: LCS Client ID:
Inject. Date: 13-Nov-2012 12:10:30 Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: 240-0014902-004
Misc. Info.: P21113A,8260LLUX10,,1904 =P21113A,8260LLUX10,,1904
Operator: 1904 Instrument ID: A3UX10
Purge Vol: 5.000 mL ALS Bottle#: 3
Lims Batch ID: 64831 Lims Sample ID: 4
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX10\20121113-14902.b\8260_10.m
Last Update: 14-Nov-2012 13:08:23 Calib Date: 12-Nov-2012 19:16:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0857.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK005

First Level Reviewer: quayler Date: 13-Nov-2012 13:07:16

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.205	5.204	0.001	99	1769688	10.0	
* 2 Chlorobenzene-d5	117	7.879	7.878	0.001	84	1198428	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.127	10.126	0.001	89	646160	10.0	
$ 5 Dibromofluoromethane (Surr)	113	4.625	4.627	-0.002	58	492190	10.2	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.921	4.911	0.010	0	597345	10.5	
$ 7 Toluene-d8 (Surr)	98	6.566	6.567	-0.001	92	1964662	10.4	
$ 8 4-Bromofluorobenzene (Surr)	95	8.991	8.993	-0.002	90	660389	10.6	
12 Dichlorodifluoromethane	85	1.560	1.562	-0.002	87	273289	7.75	
13 Chloromethane	50	1.690	1.692	-0.002	99	662724	9.74	
14 Vinyl chloride	62	1.797	1.799	-0.002	82	538166	10.0	
16 Bromomethane	94	2.081	2.083	-0.002	89	254619	10.1	
17 Chloroethane	64	2.176	2.165	0.011	99	273306	10.5	
19 Trichlorofluoromethane	101	2.389	2.390	-0.001	98	404722	10.4	
20 Ethyl ether	59	2.602	2.601	0.001	89	476304	10.7	
21 Acrolein	56	2.696	2.698	-0.002	91	163080	26.0	
23 1,1-Dichloroethene	96	2.815	2.804	0.011	88	473048	10.9	
24 Acetone	43	2.826	2.816	0.010	96	293846	21.4	
25 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.826	2.828	-0.002	87	320461	9.77	
26 Iodomethane	142	2.933	2.935	-0.001	96	796881	10.8	
27 Carbon disulfide	76	3.004	3.006	-0.002	99	1509861	11.0	
28 Acetonitrile	41	3.051	3.041	0.010	99	165993	28.2	
30 Methyl acetate	43	3.099	3.100	-0.001	89	508784	12.3	
31 Methylene Chloride	84	3.193	3.195	-0.002	87	695394	11.4	
32 2-Methyl-2-propanol	59	3.264	3.254	0.010	97	682174	190.7	
33 Acrylonitrile	53	3.383	3.384	-0.001	99	622922	30.0	
34 trans-1,2-Dichloroethene	96	3.430	3.431	-0.001	65	564216	10.6	
35 Methyl tert-butyl ether	73	3.430	3.431	-0.001	88	1597631	10.4	
36 Hexane	86	3.667	3.656	0.010	91	74770	8.83	
37 1,1-Dichloroethane	63	3.773	3.763	0.010	96	981420	10.8	
38 Vinyl acetate	86	3.797	3.798	-0.001	96	71921	7.66	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
39 Isopropyl ether	87	3.820	3.819	0.001	96	522883	10.2	
42 2-Butanone (MEK)	43	4.234	4.236	-0.002	93	441597	19.0	
44 2,2-Dichloropropane	77	4.258	4.248	0.010	89	549955	10.6	
43 cis-1,2-Dichloroethene	96	4.246	4.248	-0.002	82	619427	10.5	
48 Chlorobromomethane	128	4.447	4.437	0.010	92	291142	10.2	
49 Tetrahydrofuran	42	4.495	4.485	0.010	89	160402	9.23	
50 Chloroform	83	4.495	4.496	-0.001	83	919745	10.1	
51 1,1,1-Trichloroethane	97	4.672	4.674	-0.002	93	669357	10.7	
52 Cyclohexane	56	4.743	4.745	-0.002	86	635745	8.99	
53 1,1-Dichloropropene	75	4.802	4.804	-0.002	96	642825	10.0	
54 Carbon tetrachloride	117	4.814	4.816	-0.002	83	524118	10.4	
55 Isobutyl alcohol	41	4.850	4.849	0.001	94	800617	505.6	
57 Benzene	78	4.980	4.982	-0.002	94	2311954	10.4	
56 1,2-Dichloroethane	62	4.980	4.982	-0.002	45	685293	10.4	
61 Trichloroethene	130	5.524	5.514	0.010	93	569656	10.4	
64 1,2-Dichloropropane	63	5.702	5.703	-0.001	90	536853	10.4	
63 Methylcyclohexane	83	5.702	5.703	-0.001	90	484876	8.32	
66 Dibromomethane	93	5.796	5.798	-0.002	89	311730	10.4	
68 Dichlorobromomethane	83	5.927	5.928	-0.001	94	643831	10.5	
70 2-Chloroethyl vinyl ether	63	6.175	6.177	-0.002	92	287614	9.81	
71 cis-1,3-Dichloropropene	75	6.317	6.319	-0.002	93	763343	10.1	
72 4-Methyl-2-pentanone (MIBK)	43	6.435	6.437	-0.002	95	902172	20.1	
73 Toluene	91	6.625	6.626	-0.001	96	2358367	10.4	
74 trans-1,3-Dichloropropene	75	6.802	6.792	0.010	92	661264	10.3	
76 1,1,2-Trichloroethane	97	6.968	6.969	-0.001	83	476764	10.4	
77 1,3-Dichloropropane	76	7.122	7.123	-0.001	90	819768	10.2	
78 Tetrachloroethene	164	7.134	7.135	-0.001	96	404352	9.91	
79 2-Hexanone	43	7.181	7.182	-0.001	96	552491	20.0	
81 Chlorodibromomethane	129	7.335	7.336	-0.001	89	446851	10.1	
83 Ethylene Dibromide	107	7.453	7.455	-0.002	98	443793	10.0	
85 Chlorobenzene	112	7.903	7.904	-0.001	94	1442730	10.1	
86 1,1,1,2-Tetrachloroethane	131	7.974	7.975	-0.001	95	505081	10.2	
87 Ethylbenzene	106	8.009	8.011	-0.002	97	739916	10.4	
88 m-Xylene & p-Xylene	106	8.116	8.117	-0.001	99	1878026	20.7	
89 o-Xylene	106	8.494	8.496	-0.002	94	973358	10.9	
90 Styrene	104	8.506	8.508	-0.002	93	1530230	10.7	
91 Bromoform	173	8.684	8.685	-0.001	98	267679	9.95	
92 Isopropylbenzene	105	8.849	8.851	-0.002	94	2109737	10.6	
94 Cyclohexanone	55	8.932	8.931	0.001	90	434787	60.9	
95 1,1,2,2-Tetrachloroethane	83	9.110	9.111	-0.001	86	580548	9.64	
96 Bromobenzene	156	9.145	9.147	-0.002	91	588339	9.78	
97 1,2,3-Trichloropropane	110	9.157	9.159	-0.002	72	189923	9.76	
98 trans-1,4-Dichloro-2-butene	53	9.169	9.170	-0.001	77	221882	16.9	
99 N-Propylbenzene	120	9.240	9.241	-0.001	98	556548	10.5	
100 2-Chlorotoluene	126	9.334	9.336	-0.002	97	542740	10.2	
101 1,3,5-Trimethylbenzene	105	9.417	9.407	0.010	91	1668230	10.2	
102 4-Chlorotoluene	126	9.429	9.431	-0.002	98	571316	10.0	
103 tert-Butylbenzene	119	9.737	9.738	-0.001	89	1332540	9.91	
104 1,2,4-Trimethylbenzene	105	9.784	9.786	-0.002	86	1735183	10.2	
105 sec-Butylbenzene	105	9.950	9.951	-0.001	93	1672527	9.76	
106 1,3-Dichlorobenzene	146	10.068	10.058	0.010	97	1051130	9.75	
107 4-Isopropyltoluene	119	10.092	10.093	-0.001	93	1474120	10.2	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
108 1,4-Dichlorobenzene	146	10.151	10.153	-0.001	94	1107121	9.53	
109 1,2,3-Trimethylbenzene	105	10.198	10.197	0.001	88	1880802	10.6	
110 n-Butylbenzene	91	10.494	10.496	-0.002	98	1106088	9.70	
111 1,2-Dichlorobenzene	146	10.518	10.519	-0.001	98	1033188	9.57	
112 1,2-Dibromo-3-Chloropropane	157	11.287	11.288	-0.001	77	86010	8.47	
114 1,2,4-Trichlorobenzene	180	12.127	12.129	-0.002	92	424256	7.74	
115 Hexachlorobutadiene	225	12.304	12.306	-0.002	95	151000	6.74	
116 Naphthalene	128	12.375	12.377	-0.002	100	1115593	6.68	
117 1,2,3-Trichlorobenzene	180	12.624	12.626	-0.002	98	379445	6.41	
S 119 Trihalomethanes, Total	1				0		40.6	
S 120 1,2-Dichloroethene, Total	96				0		21.1	
S 122 Xylenes, Total	106				0		31.7	

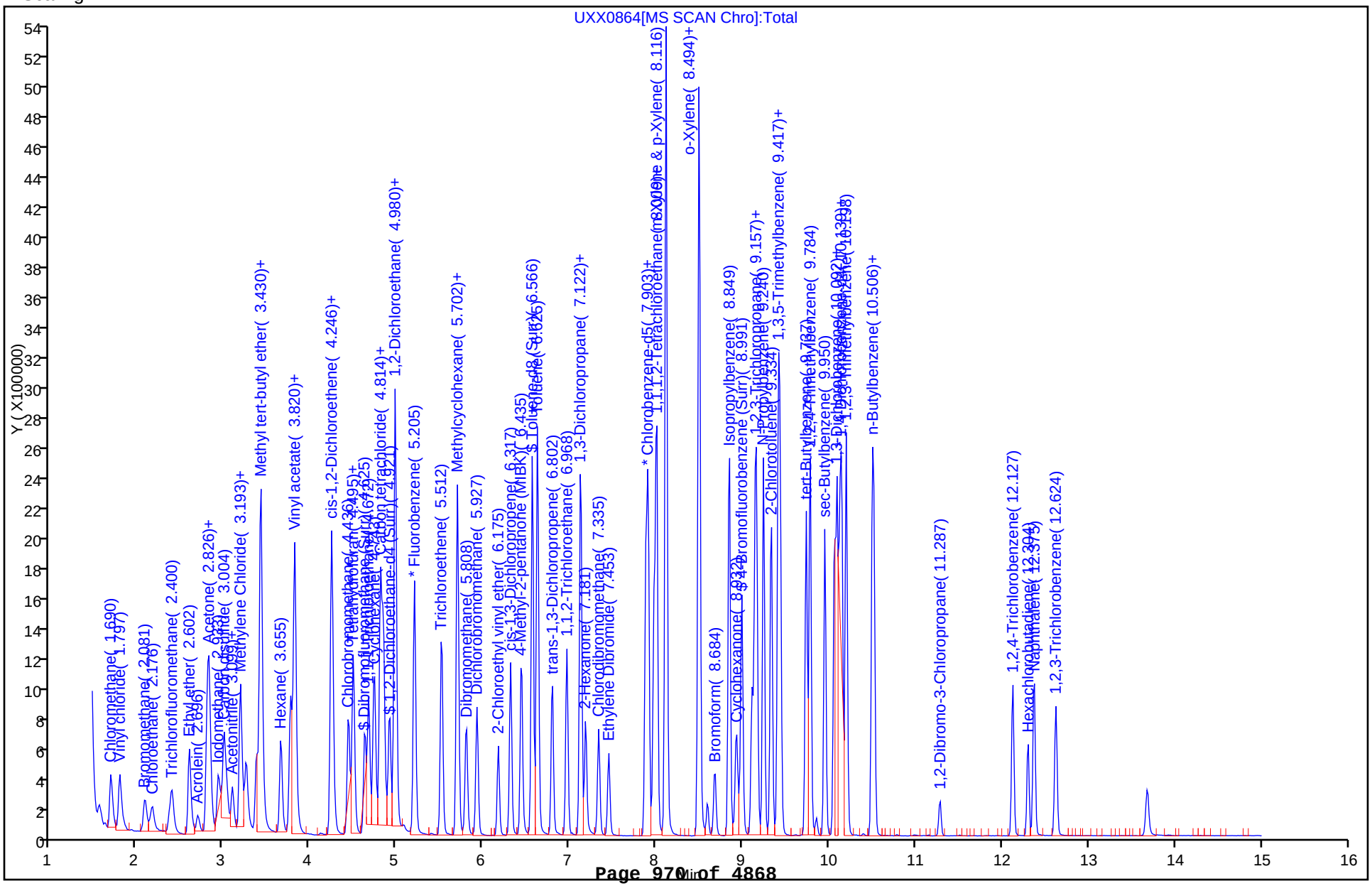
Report Date: 14-Nov-2012 13:08:24 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121113-14902.b\UXX0864.D

Injection Date:	13-Nov-2012 12:10:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX10
Lims Batch ID:	64831	Lims Sample ID:	4
Operator ID:	1904	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-64980/7

Matrix: Solid | Lab File ID: 149142.D

Analysis Method: 8260B/DoD | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 11/14/2012 14:01

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 64980 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
78-93-3	2-Butanone (MEK)	98.9		20	2.0	1.4
67-64-1	Acetone	119		20	6.3	6.3
71-43-2	Benzene	50.5		5.0	0.50	0.23
75-25-2	Bromoform	45.5		5.0	0.50	0.33
74-83-9	Bromomethane	49.8		5.0	1.0	0.54
75-15-0	Carbon disulfide	42.4		5.0	0.50	0.44
56-23-5	Carbon tetrachloride	51.1		5.0	0.50	0.37
75-34-3	1,1-Dichloroethane	52.4		5.0	0.50	0.36
108-90-7	Chlorobenzene	48.0		5.0	0.50	0.33
107-06-2	1,2-Dichloroethane	51.4		5.0	0.50	0.34
74-87-3	Chloromethane	51.7		5.0	0.50	0.41
75-35-4	1,1-Dichloroethene	53.0		5.0	1.0	0.52
10061-01-5	cis-1,3-Dichloropropene	45.0		5.0	0.50	0.34
540-59-0	1,2-Dichloroethene, Total	103		10	1.0	0.77
124-48-1	Dibromochloromethane	46.4		5.0	1.0	0.55
78-87-5	1,2-Dichloropropane	51.4		5.0	1.0	0.69
75-27-4	Bromodichloromethane	44.6		5.0	0.50	0.28
100-41-4	Ethylbenzene	49.1		5.0	0.50	0.26
591-78-6	2-Hexanone	102		20	1.0	0.63
75-09-2	Methylene Chloride	55.4		5.0	1.0	0.67
108-10-1	4-Methyl-2-pentanone (MIBK)	112		20	1.0	0.54
100-42-5	Styrene	50.2		5.0	0.50	0.15
79-34-5	1,1,2,2-Tetrachloroethane	55.4		5.0	0.50	0.34
127-18-4	Tetrachloroethene	50.0		5.0	1.0	0.52
108-88-3	Toluene	50.0		5.0	0.50	0.27
67-66-3	Chloroform	51.1		5.0	0.50	0.29
10061-02-6	trans-1,3-Dichloropropene	44.0		5.0	1.0	0.54
71-55-6	1,1,1-Trichloroethane	55.9		5.0	1.0	0.56
74-97-5	Bromochloromethane	50.7		5.0	1.0	0.71
79-00-5	1,1,2-Trichloroethane	53.3		5.0	0.50	0.39
106-93-4	1,2-Dibromoethane	53.5		5.0	1.0	0.50
79-01-6	Trichloroethene	51.6		5.0	0.50	0.42
75-01-4	Vinyl chloride	50.7		5.0	0.50	0.39
75-00-3	Chloroethane	51.4		5.0	1.0	0.86
1330-20-7	Xylenes, Total	152		10	1.5	0.67

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 240-64980/7

Matrix: Solid Lab File ID: 149142.D

Analysis Method: 8260B/DoD Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 11/14/2012 14:01

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 64980 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		61-130
2037-26-5	Toluene-d8 (Surr)	94		85-115
460-00-4	4-Bromofluorobenzene (Surr)	97		85-120
1868-53-7	Dibromofluoromethane (Surr)	93		59-138

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX14\20121114-14942.b\149142.D
Lims ID: LCS Client ID:
Inject. Date: 14-Nov-2012 14:01:30 Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: lcs
Misc. Info.: 240-0014942-007 =240-0014942-007
Operator: 002808 Instrument ID: A3UX14
Purge Vol: 5.000 mL ALS Bottle#: 6
Lims Batch ID: 64980 Lims Sample ID: 7
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX14\20121114-14942.b\8260_14.m
Last Update: 15-Nov-2012 10:40:32 Calib Date: 13-Nov-2012 22:59:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX14\20121113-14916.b\149122.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK025

First Level Reviewer: macenczaks Date: 14-Nov-2012 14:24:15

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	1212877	50.0	
* 2 Chlorobenzene-d5	117	9.595	9.594	0.001	98	713375	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.571	11.571	0.0	99	399822	50.0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	47	296030	46.3	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.542	6.542	0.0	96	331162	47.8	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	85	1009803	47.2	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	90	319784	48.3	
12 Dichlorodifluoromethane	85	1.442	1.442	0.0	88	345771	49.6	
13 Chloromethane	50	1.607	1.607	0.0	89	614568	51.7	
14 Vinyl chloride	62	1.737	1.737	0.0	83	472237	50.7	
15 Bromomethane	94	2.069	2.069	0.0	91	150273	49.8	
16 Chloroethane	64	2.187	2.187	0.0	93	275405	51.4	
18 Trichlorofluoromethane	101	2.507	2.507	0.0	86	481245	54.1	
19 Ethyl ether	59	2.873	2.873	0.0	97	303267	50.7	
20 Acrolein	56	3.027	3.027	0.0	89	103642	125.9	
21 1,1-Dichloroethene	96	3.146	3.146	0.0	84	369603	53.0	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	3.181	3.181	0.0	85	373802	56.1	
22 Acetone	43	3.252	3.252	0.0	97	214106	118.9	
24 Iodomethane	142	3.347	3.347	0.0	100	648148	52.2	
26 Carbon disulfide	76	3.418	3.418	0.0	99	864426	42.4	
27 Acetonitrile	41	3.666	3.666	0.0	97	114465	151.2	
28 Methyl acetate	43	3.761	3.761	0.0	98	250805	50.5	
30 Methylene Chloride	84	3.879	3.891	-0.012	88	424401	55.4	
31 2-Methyl-2-propanol	59	4.187	4.187	0.0	88	342112	974.6	
32 Acrylonitrile	53	4.293	4.305	-0.012	98	353761	150.8	
33 trans-1,2-Dichloroethene	96	4.317	4.317	0.0	89	397507	50.8	
34 Methyl tert-butyl ether	73	4.353	4.353	0.0	88	802428	50.7	
35 Hexane	86	4.743	4.743	0.0	96	94340	51.2	
36 1,1-Dichloroethane	63	4.921	4.921	0.001	86	786663	52.4	
37 Vinyl acetate	86	5.039	5.039	0.0	96	34837	52.2	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
38 Isopropyl ether	87	5.074	5.074	0.0	98	299369	48.8	
43 2,2-Dichloropropane	77	5.642	5.642	0.0	73	292977	58.0	
42 cis-1,2-Dichloroethene	96	5.654	5.654	0.0	75	408027	51.8	
41 2-Butanone (MEK)	43	5.702	5.701	0.001	97	233007	98.9	
47 Chlorobromomethane	128	5.926	5.926	0.0	88	175864	50.7	
48 Tetrahydrofuran	42	5.985	5.985	0.0	92	85325	51.0	
49 Chloroform	83	6.033	6.033	0.0	84	642618	51.1	
50 1,1,1-Trichloroethane	97	6.210	6.210	0.0	90	540415	55.9	
51 Cyclohexane	56	6.258	6.258	0.0	95	985953	50.3	
52 1,1-Dichloropropene	75	6.388	6.388	0.0	82	499100	51.5	
53 Carbon tetrachloride	117	6.388	6.388	0.0	74	493371	51.1	
54 Isobutyl alcohol	41	6.577	6.589	-0.012	92	436534	2479.5	
55 Benzene	78	6.601	6.601	0.0	96	1364151	50.5	
56 1,2-Dichloroethane	62	6.624	6.624	0.0	87	498174	51.4	
60 Trichloroethene	130	7.240	7.240	0.0	91	395275	51.6	
63 Methylcyclohexane	83	7.417	7.417	0.0	98	768516	51.6	
62 1,2-Dichloropropane	63	7.453	7.453	0.0	88	350416	51.4	
65 Dibromomethane	93	7.559	7.559	0.0	89	155454	52.5	
67 Dichlorobromomethane	83	7.713	7.713	0.0	91	324136	44.6	
69 2-Chloroethyl vinyl ether	63	7.997	7.997	0.0	90	94889	50.4	
70 cis-1,3-Dichloropropene	75	8.115	8.115	0.0	83	326553	45.0	
71 4-Methyl-2-pentanone (MIBK)	43	8.257	8.257	0.0	100	492411	111.9	
72 Toluene	91	8.411	8.411	0.0	91	1253733	50.0	
73 trans-1,3-Dichloropropene	75	8.601	8.601	0.0	91	242883	44.0	
75 1,1,2-Trichloroethane	97	8.766	8.766	0.0	89	181684	53.3	
77 Tetrachloroethene	164	8.885	8.885	0.0	91	285700	50.0	
76 1,3-Dichloropropane	76	8.908	8.908	0.0	95	310305	52.1	
78 2-Hexanone	43	8.979	8.979	0.0	98	233874	102.1	
79 Chlorodibromomethane	129	9.109	9.109	0.0	86	176073	46.4	
123 Ethylene Dibromide	107	9.204	9.204	0.0	97	177451	53.5	
82 Chlorobenzene	112	9.618	9.618	0.0	91	789537	48.0	
83 1,1,1,2-Tetrachloroethane	131	9.689	9.689	0.0	87	313145	50.9	
84 Ethylbenzene	106	9.713	9.713	0.0	98	435929	49.1	
10 m-Xylene & p-Xylene	106	9.808	9.807	0.001	98	1094645	100.6	
85 o-Xylene	106	10.151	10.151	0.0	95	593062	51.1	
86 Styrene	104	10.163	10.162	0.0	95	745792	50.2	
87 Bromoform	173	10.316	10.328	-0.012	95	85524	45.5	
88 Isopropylbenzene	105	10.458	10.458	0.0	96	1644571	52.4	
89 Cyclohexanone	55	10.541	10.541	0.0	94	315536	308.0	
90 1,1,2,2-Tetrachloroethane	83	10.707	10.707	0.0	83	221124	55.4	
91 Bromobenzene	156	10.719	10.719	0.0	94	320790	49.5	
92 1,2,3-Trichloropropane	110	10.742	10.742	0.0	78	69966	52.6	
93 trans-1,4-Dichloro-2-butene	53	10.754	10.754	0.0	66	127503	94.2	
94 N-Propylbenzene	120	10.801	10.801	0.0	97	424003	54.1	
95 2-Chlorotoluene	126	10.884	10.884	0.0	97	369276	51.9	
96 1,3,5-Trimethylbenzene	105	10.943	10.943	0.0	94	1360674	54.6	
104 4-Chlorotoluene	126	10.967	10.967	0.0	98	337181	49.4	
97 tert-Butylbenzene	119	11.227	11.227	0.0	88	1348276	56.3	
98 1,2,4-Trimethylbenzene	105	11.263	11.263	0.0	96	1315259	53.6	
99 sec-Butylbenzene	105	11.405	11.417	-0.012	96	1791309	55.3	
100 1,3-Dichlorobenzene	146	11.511	11.511	0.0	91	681112	48.4	
101 4-Isopropyltoluene	119	11.523	11.535	-0.012	91	1606473	56.9	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
102 1,4-Dichlorobenzene	146	11.582	11.582	0.0	92	675876	46.3	
103 1,2,3-Trimethylbenzene	105	11.618	11.630	-0.012	88	1325220	55.3	
105 n-Butylbenzene	91	11.878	11.878	0.0	94	1250379	52.8	
106 1,2-Dichlorobenzene	146	11.902	11.902	0.0	97	657238	48.3	
107 1,2-Dibromo-3-Chloropropane	157	12.553	12.553	0.0	73	31742	48.8	
109 1,2,4-Trichlorobenzene	180	13.239	13.239	0.0	93	424325	44.2	
110 Hexachlorobutadiene	225	13.369	13.369	0.0	94	253422	48.3	
111 Naphthalene	128	13.440	13.440	0.0	97	747343	45.4	
112 1,2,3-Trichlorobenzene	180	13.630	13.630	0.0	95	355295	44.5	
S 137 Trihalomethanes, Total	1				0		187.5	
S 11 1,2-Dichloroethene, Total	96				0		102.6	
S 114 Xylenes, Total	106				0		151.7	

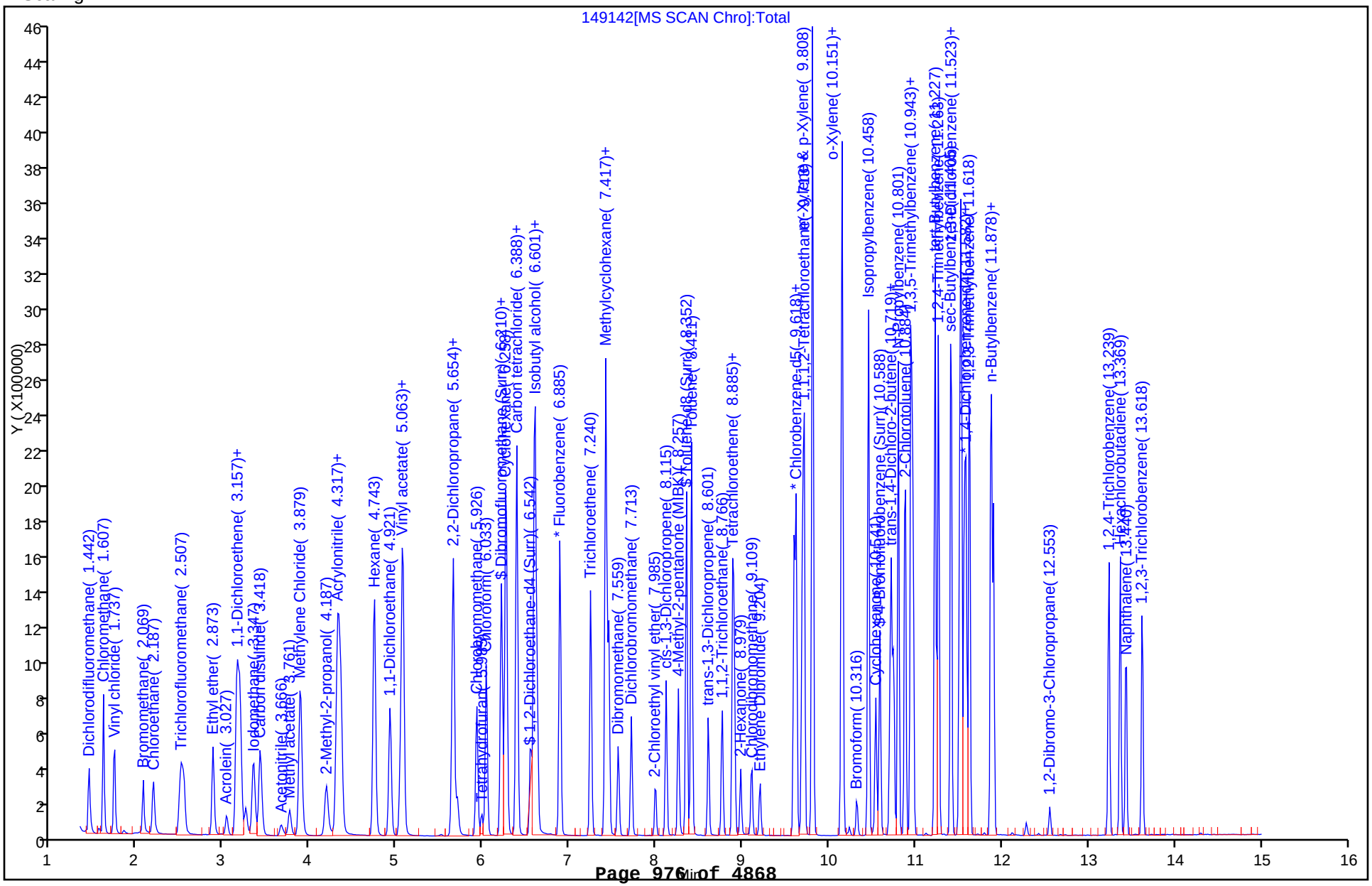
Report Date: 15-Nov-2012 10:40:35 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121114-14942.b\149142.D

Injection Date:	14-Nov-2012 14:01:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	64980	Lims Sample ID:	7
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-65171/7

Matrix: Solid | Lab File ID: 149175.D

Analysis Method: 8260B/DoD | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 11/15/2012 13:03

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 65171 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
78-93-3	2-Butanone (MEK)	107		20	2.0	1.4
67-64-1	Acetone	116		20	6.3	6.3
71-43-2	Benzene	49.4		5.0	0.50	0.23
75-25-2	Bromoform	44.8		5.0	0.50	0.33
74-83-9	Bromomethane	43.0		5.0	1.0	0.54
75-15-0	Carbon disulfide	38.9		5.0	0.50	0.44
56-23-5	Carbon tetrachloride	49.1		5.0	0.50	0.37
75-34-3	1,1-Dichloroethane	51.0		5.0	0.50	0.36
108-90-7	Chlorobenzene	48.4		5.0	0.50	0.33
107-06-2	1,2-Dichloroethane	50.2		5.0	0.50	0.34
74-87-3	Chloromethane	48.2		5.0	0.50	0.41
75-35-4	1,1-Dichloroethene	49.9		5.0	1.0	0.52
10061-01-5	cis-1,3-Dichloropropene	46.1		5.0	0.50	0.34
540-59-0	1,2-Dichloroethene, Total	97.6		10	1.0	0.77
124-48-1	Dibromochloromethane	48.1		5.0	1.0	0.55
78-87-5	1,2-Dichloropropane	52.2		5.0	1.0	0.69
75-27-4	Bromodichloromethane	44.0		5.0	0.50	0.28
100-41-4	Ethylbenzene	49.5		5.0	0.50	0.26
591-78-6	2-Hexanone	110		20	1.0	0.63
75-09-2	Methylene Chloride	49.0		5.0	1.0	0.67
108-10-1	4-Methyl-2-pentanone (MIBK)	111		20	1.0	0.54
100-42-5	Styrene	52.1		5.0	0.50	0.15
79-34-5	1,1,2,2-Tetrachloroethane	52.8		5.0	0.50	0.34
127-18-4	Tetrachloroethene	50.1		5.0	1.0	0.52
108-88-3	Toluene	49.1		5.0	0.50	0.27
67-66-3	Chloroform	48.8		5.0	0.50	0.29
10061-02-6	trans-1,3-Dichloropropene	45.0		5.0	1.0	0.54
71-55-6	1,1,1-Trichloroethane	52.5		5.0	1.0	0.56
74-97-5	Bromochloromethane	49.6		5.0	1.0	0.71
79-00-5	1,1,2-Trichloroethane	53.1		5.0	0.50	0.39
106-93-4	1,2-Dibromoethane	53.8		5.0	1.0	0.50
79-01-6	Trichloroethene	50.5		5.0	0.50	0.42
75-01-4	Vinyl chloride	47.1		5.0	0.50	0.39
75-00-3	Chloroethane	44.2		5.0	1.0	0.86
1330-20-7	Xylenes, Total	149		10	1.5	0.67

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 240-65171/7

Matrix: Solid Lab File ID: 149175.D

Analysis Method: 8260B/DoD Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 11/15/2012 13:03

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 65171 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		61-130
2037-26-5	Toluene-d8 (Surr)	97		85-115
460-00-4	4-Bromofluorobenzene (Surr)	102		85-120
1868-53-7	Dibromofluoromethane (Surr)	93		59-138

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX14\20121115-14986.b\149175.D
Lims ID: LCS Client ID:
Inject. Date: 15-Nov-2012 13:03:30 Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: lcs
Misc. Info.: 240-0014986-007 =240-0014986-007
Operator: 002808 Instrument ID: A3UX14
Purge Vol: 5.000 mL ALS Bottle#: 6
Lims Batch ID: 65171 Lims Sample ID: 7
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX14\20121115-14986.b\8260_14.m
Last Update: 16-Nov-2012 09:58:08 Calib Date: 13-Nov-2012 22:59:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX14\20121113-14916.b\149122.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK015

First Level Reviewer: macenczaks Date: 15-Nov-2012 13:27:18

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	1527929	50.0	
* 2 Chlorobenzene-d5	117	9.594	9.594	0.0	98	912135	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.571	11.570	0.001	99	499171	50.0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	87	375633	46.6	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.542	6.541	0.001	97	410370	47.0	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	85	1319029	48.3	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	88	423517	51.2	
12 Dichlorodifluoromethane	85	1.442	1.442	0.0	88	381067	43.4	
13 Chloromethane	50	1.607	1.607	0.0	89	721721	48.2	
14 Vinyl chloride	62	1.737	1.737	0.0	84	553001	47.1	
15 Bromomethane	94	2.069	2.069	0.0	90	163740	43.0	
16 Chloroethane	64	2.187	2.187	0.0	93	298141	44.2	
18 Trichlorofluoromethane	101	2.507	2.507	0.0	86	540687	48.3	
19 Ethyl ether	59	2.873	2.873	0.0	98	380641	50.5	
20 Acrolein	56	3.039	3.027	0.012	90	122188	117.8	
21 1,1-Dichloroethene	96	3.157	3.146	0.011	85	438344	49.9	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	3.181	3.181	0.0	85	435452	51.9	
22 Acetone	43	3.252	3.252	0.0	97	264280	116.4	
24 Iodomethane	142	3.347	3.347	0.0	99	752770	48.1	
26 Carbon disulfide	76	3.418	3.418	0.0	98	997216	38.9	
27 Acetonitrile	41	3.666	3.666	0.0	99	134041	140.6	
28 Methyl acetate	43	3.761	3.761	0.0	98	329044	52.6	
30 Methylene Chloride	84	3.891	3.879	0.012	89	479761	49.0	
31 2-Methyl-2-propanol	59	4.187	4.187	0.0	87	423335	957.3	
32 Acrylonitrile	53	4.305	4.305	0.0	94	431144	145.9	
33 trans-1,2-Dichloroethene	96	4.317	4.317	0.0	88	479046	48.6	
34 Methyl tert-butyl ether	73	4.352	4.353	-0.001	88	966239	48.4	
35 Hexane	86	4.743	4.743	0.0	96	117385	50.6	
36 1,1-Dichloroethane	63	4.920	4.921	0.0	86	964200	51.0	
37 Vinyl acetate	86	5.039	5.039	0.0	96	39707	47.3	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
38 Isopropyl ether	87	5.074	5.074	0.0	98	363181	47.0	
43 2,2-Dichloropropane	77	5.642	5.642	0.0	72	335640	52.8	
42 cis-1,2-Dichloroethene	96	5.654	5.654	0.0	76	486518	49.0	
41 2-Butanone (MEK)	43	5.701	5.701	0.0	97	317420	107.1	
47 Chlorobromomethane	128	5.926	5.926	0.0	88	216617	49.6	
48 Tetrahydrofuran	42	5.985	5.985	0.0	92	111348	52.9	
49 Chloroform	83	6.033	6.033	0.0	84	772396	48.8	
50 1,1,1-Trichloroethane	97	6.210	6.210	0.0	89	639299	52.5	
51 Cyclohexane	56	6.258	6.258	0.0	95	1180378	47.8	
53 Carbon tetrachloride	117	6.388	6.388	0.0	74	596666	49.1	
52 1,1-Dichloropropene	75	6.388	6.388	0.0	83	617190	50.6	
54 Isobutyl alcohol	41	6.589	6.589	0.0	91	582130	2624.7	
55 Benzene	78	6.601	6.601	0.0	97	1679361	49.4	
56 1,2-Dichloroethane	62	6.624	6.624	0.0	87	612826	50.2	
60 Trichloroethene	130	7.240	7.240	0.0	91	487266	50.5	
63 Methylcyclohexane	83	7.417	7.417	0.0	98	930238	49.6	
62 1,2-Dichloropropane	63	7.453	7.453	0.0	88	448213	52.2	
65 Dibromomethane	93	7.559	7.559	0.0	89	190770	51.1	
67 Dichlorobromomethane	83	7.713	7.713	0.0	91	402984	44.0	
69 2-Chloroethyl vinyl ether	63	7.997	7.997	0.0	88	131593	55.2	
70 cis-1,3-Dichloropropene	75	8.115	8.115	0.0	82	422507	46.1	
71 4-Methyl-2-pentanone (MIBK)	43	8.257	8.257	0.0	99	625800	111.2	
72 Toluene	91	8.411	8.411	0.0	91	1573865	49.1	
73 trans-1,3-Dichloropropene	75	8.600	8.601	-0.001	90	317604	45.0	
75 1,1,2-Trichloroethane	97	8.766	8.766	0.0	89	231416	53.1	
77 Tetrachloroethene	164	8.884	8.885	-0.001	91	366175	50.1	
76 1,3-Dichloropropane	76	8.908	8.908	0.0	94	393422	51.7	
78 2-Hexanone	43	8.979	8.979	0.0	98	320858	109.6	
79 Chlorodibromomethane	129	9.109	9.109	0.0	88	234020	48.1	
123 Ethylene Dibromide	107	9.204	9.204	0.0	98	228378	53.8	
82 Chlorobenzene	112	9.618	9.618	0.0	92	1019192	48.4	
83 1,1,1,2-Tetrachloroethane	131	9.689	9.689	0.0	87	387047	49.2	
84 Ethylbenzene	106	9.713	9.713	0.0	98	562086	49.5	
10 m-Xylene & p-Xylene	106	9.807	9.808	-0.001	98	1396646	100.4	
85 o-Xylene	106	10.151	10.151	0.0	95	729738	49.2	
86 Styrene	104	10.162	10.162	0.0	94	990197	52.1	
87 Bromoform	173	10.328	10.328	0.0	97	107492	44.8	
88 Isopropylbenzene	105	10.458	10.458	0.0	96	2006631	50.0	
89 Cyclohexanone	55	10.541	10.541	0.0	94	453535	346.3	
90 1,1,2,2-Tetrachloroethane	83	10.707	10.707	0.0	80	263115	52.8	
91 Bromobenzene	156	10.719	10.719	0.0	93	407451	50.3	
92 1,2,3-Trichloropropane	110	10.742	10.742	0.0	72	87126	52.5	
93 trans-1,4-Dichloro-2-butene	53	10.754	10.754	0.0	66	163056	96.5	
94 N-Propylbenzene	120	10.801	10.801	0.0	97	542751	55.4	
95 2-Chlorotoluene	126	10.884	10.884	0.0	97	466622	52.5	
96 1,3,5-Trimethylbenzene	105	10.943	10.943	0.0	94	1645280	52.8	
104 4-Chlorotoluene	126	10.967	10.967	0.0	98	433221	50.9	
97 tert-Butylbenzene	119	11.227	11.227	0.0	84	1579041	52.8	
98 1,2,4-Trimethylbenzene	105	11.263	11.263	0.0	96	1589469	51.9	
99 sec-Butylbenzene	105	11.417	11.417	0.0	94	2135683	52.8	
100 1,3-Dichlorobenzene	146	11.511	11.511	0.0	91	835097	47.5	
101 4-Isopropyltoluene	119	11.523	11.535	-0.012	92	1955106	55.4	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
102 1,4-Dichlorobenzene	146	11.582	11.582	0.0	92	824042	45.3	
103 1,2,3-Trimethylbenzene	105	11.618	11.630	-0.012	88	1568213	52.4	
105 n-Butylbenzene	91	11.878	11.878	0.0	94	1521405	51.5	
106 1,2-Dichlorobenzene	146	11.902	11.902	0.0	97	781995	46.1	
107 1,2-Dibromo-3-Chloropropane	157	12.553	12.553	0.0	72	36874	45.6	
109 1,2,4-Trichlorobenzene	180	13.239	13.239	0.0	94	489674	40.8	
110 Hexachlorobutadiene	225	13.369	13.369	0.0	95	288288	44.0	
111 Naphthalene	128	13.440	13.440	0.0	97	855772	41.6	
112 1,2,3-Trichlorobenzene	180	13.629	13.630	-0.001	94	397976	39.9	
S 137 Trihalomethanes, Total	1				0		185.6	
S 11 1,2-Dichloroethene, Total	96				0		97.6	
S 114 Xylenes, Total	106				0		149.6	

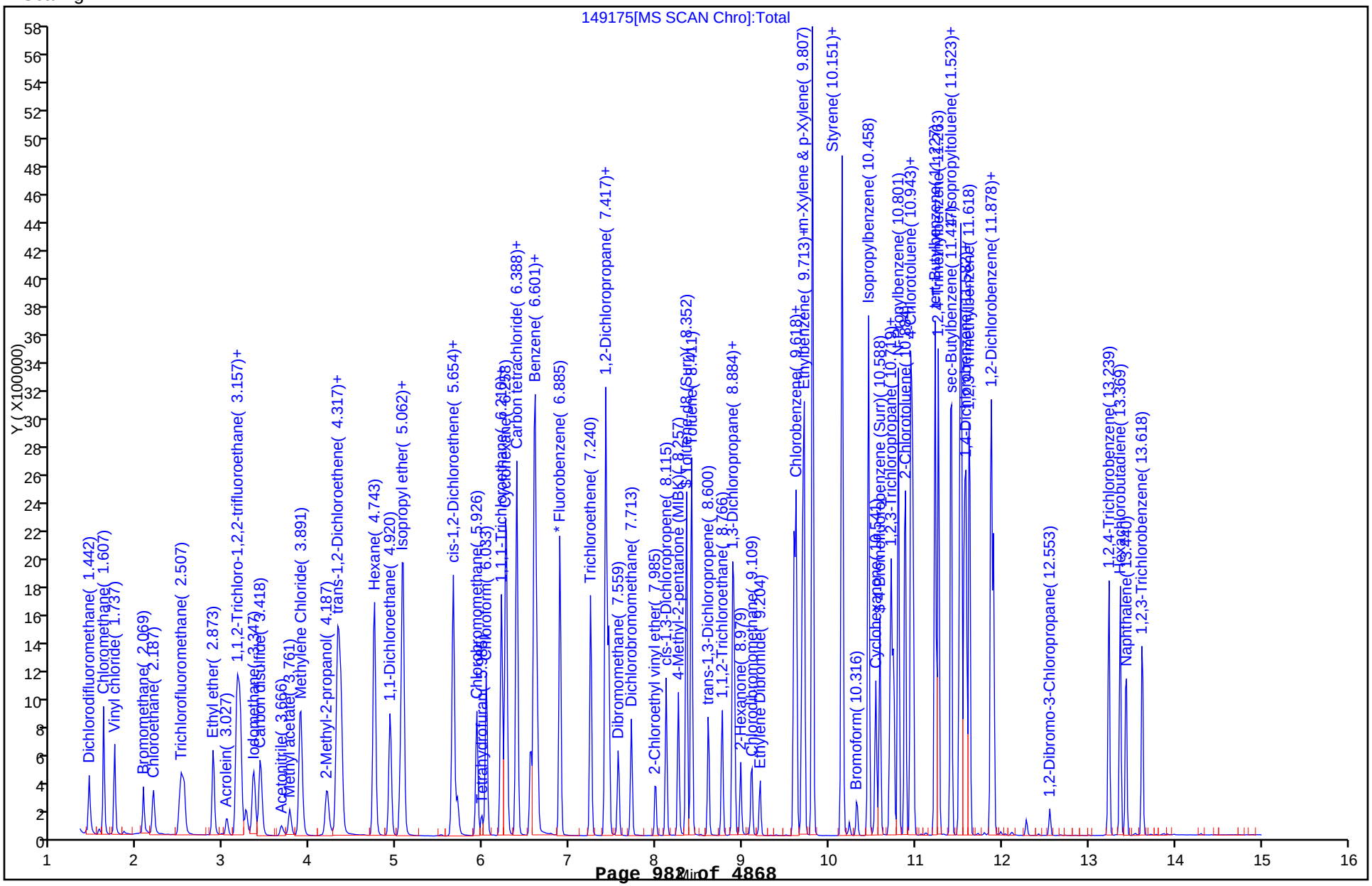
Report Date: 16-Nov-2012 09:58:10 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121115-14986.b\149175.D

Injection Date:	15-Nov-2012 13:03:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	65171	Lims Sample ID:	7
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-64831/5

Matrix: Water | Lab File ID: UXX0865.D

Analysis Method: 8260B/DoD | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/13/2012 12:33

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 64831 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
78-93-3	2-Butanone (MEK)	0.00880	J	0.010	0.00050	0.00057
67-64-1	Acetone	0.00924	J	0.010	0.0010	0.0011
71-43-2	Benzene	0.00113		0.0010	0.00025	0.00013
75-25-2	Bromoform	0.000918	J	0.0010	0.00050	0.00064
74-83-9	Bromomethane	0.00135	^	0.0010	0.00050	0.00041
75-15-0	Carbon disulfide	0.00101		0.0010	0.00025	0.00013
56-23-5	Carbon tetrachloride	0.00106		0.0010	0.00025	0.00013
75-34-3	1,1-Dichloroethane	0.00109		0.0010	0.00025	0.00015
108-90-7	Chlorobenzene	0.00111		0.0010	0.00025	0.00015
107-06-2	1,2-Dichloroethane	0.00113		0.0010	0.00025	0.00022
74-87-3	Chloromethane	0.00135	^	0.0010	0.00050	0.00030
75-35-4	1,1-Dichloroethene	0.00102		0.0010	0.00025	0.00019
10061-01-5	cis-1,3-Dichloropropene	0.000883	J	0.0010	0.00025	0.00014
540-59-0	1,2-Dichloroethene, Total	0.00217		0.0020	0.00050	0.00034
124-48-1	Dibromochloromethane	0.000963	J	0.0010	0.00025	0.00018
78-87-5	1,2-Dichloropropane	0.00102		0.0010	0.00025	0.00018
75-27-4	Bromodichloromethane	0.00103		0.0010	0.00025	0.00015
100-41-4	Ethylbenzene	0.00104		0.0010	0.00025	0.00017
591-78-6	2-Hexanone	0.00941	J	0.010	0.00050	0.00041
1634-04-4	Methyl tert-butyl ether	0.00106		0.0010	0.00025	0.00017
75-09-2	Methylene Chloride	0.00251	^	0.0010	0.00050	0.00033
108-10-1	4-Methyl-2-pentanone (MIBK)	0.00913	J	0.010	0.00050	0.00032
100-42-5	Styrene	0.000944	J	0.0010	0.00025	0.00011
79-34-5	1,1,2,2-Tetrachloroethane	0.00115		0.0010	0.00025	0.00018
127-18-4	Tetrachloroethene	0.00105		0.0010	0.00050	0.00029
108-88-3	Toluene	0.00110		0.0010	0.00025	0.00013
67-66-3	Chloroform	0.00108		0.0010	0.00025	0.00016
10061-02-6	trans-1,3-Dichloropropene	0.000895	J	0.0010	0.00025	0.00019
71-55-6	1,1,1-Trichloroethane	0.00112		0.0010	0.00025	0.00022
74-97-5	Bromochloromethane	0.00103		0.0010	0.00050	0.00029
79-00-5	1,1,2-Trichloroethane	0.00107		0.0010	0.00050	0.00027
106-93-4	1,2-Dibromoethane	0.00106		0.0010	0.00025	0.00024
79-01-6	Trichloroethene	0.00105		0.0010	0.00025	0.00017
75-01-4	Vinyl chloride	0.00123		0.0010	0.00025	0.00022
75-00-3	Chloroethane	0.00143	^	0.0010	0.00050	0.00029
1330-20-7	Xylenes, Total	0.00292		0.0020	0.00075	0.00028

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-64831/5

Matrix: Water | Lab File ID: UXX0865.D

Analysis Method: 8260B/DoD | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/13/2012 12:33

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 64831 | Units: ng/uL

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		50-150
2037-26-5	Toluene-d8 (Surr)	104		50-150
460-00-4	4-Bromofluorobenzene (Surr)	99		50-150
1868-53-7	Dibromofluoromethane (Surr)	100		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX10\20121113-14902.b\UXX0865.D
Lims ID: MRL Client ID:
Inject. Date: 13-Nov-2012 12:33:30 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0014902-005
Misc. Info.: P21113A,8260LLUX10,,1904 =P21113A,8260LLUX10,,1904
Operator: 1904 Instrument ID: A3UX10
Purge Vol: 5.000 mL ALS Bottle#: 4
Lims Batch ID: 64831 Lims Sample ID: 5
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX10\20121113-14902.b\8260_10.m
Last Update: 14-Nov-2012 13:08:23 Calib Date: 12-Nov-2012 19:16:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0857.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK020

First Level Reviewer: quayler Date: 13-Nov-2012 13:12:52

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.204	5.204	0.0	99	1759380	10.0	
* 2 Chlorobenzene-d5	117	7.878	7.878	0.0	83	1181717	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.126	10.126	0.0	92	617475	10.0	
$ 4 BFB	95	3.441	3.699	-0.258	0	2336	0	
$ 5 Dibromofluoromethane (Surr)	113	4.624	4.627	-0.003	67	479870	9.96	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.920	4.911	0.009	0	558910	9.87	
$ 7 Toluene-d8 (Surr)	98	6.565	6.567	-0.002	93	1941574	10.4	
$ 8 4-Bromofluorobenzene (Surr)	95	8.990	8.993	-0.003	91	611370	9.94	
11 C6-C10	1		0.000					
10 C6-C12	1		0.000					
9 Benzyl chloride	126		0.000					
143 1,3-Diethylbenzene TIC	1		0.000					
12 Dichlorodifluoromethane	85	1.559	1.562	-0.003	73	41262	1.18	
13 Chloromethane	50	1.690	1.692	-0.002	96	91380	1.35	
14 Vinyl chloride	62	1.796	1.799	-0.003	91	65820	1.23	
15 Chlorodifluoromethane TIC	1		1.900					
16 Bromomethane	94	2.080	2.083	-0.003	85	33869	1.35	
17 Chloroethane	64	2.175	2.165	0.010	76	36963	1.43	
18 Dichlorofluoromethane	67		2.328					
19 Trichlorofluoromethane	101	2.400	2.390	0.010	72	45734	1.18	
20 Ethyl ether	59		2.601					
21 Acrolein	56	2.695	2.698	-0.003	95	68925	11.1	
23 1,1-Dichloroethene	96	2.814	2.804	0.010	82	43831	1.02	
24 Acetone	43	2.826	2.816	0.010	98	139225	9.24	
25 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.826	2.828	-0.002	36	32092	0.9843	
22 Methylal	45		2.851					
26 Iodomethane	142	2.932	2.935	-0.002	94	84247	1.15	
27 Carbon disulfide	76	3.003	3.006	-0.003	97	138091	1.01	
28 Acetonitrile	41	3.050	3.041	0.009	99	54196	7.18	
29 3-Chloro-1-propene	76		3.098					9

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
30 Methyl acetate	43	3.098	3.100	-0.002	94	99091	2.41	
31 Methylene Chloride	84	3.192	3.195	-0.003	84	152668	2.51	
32 2-Methyl-2-propanol	59	3.252	3.254	-0.002	96	79746	22.4	
33 Acrylonitrile	53	3.382	3.384	-0.002	93	43322	2.10	
34 trans-1,2-Dichloroethene	96	3.429	3.431	-0.002	65	58089	1.10	
35 Methyl tert-butyl ether	73	3.429	3.431	-0.002	88	161713	1.06	
36 Hexane	86	3.654	3.656	-0.002	88	7804	0.9273	
37 1,1-Dichloroethane	63	3.772	3.763	0.009	74	97968	1.09	
38 Vinyl acetate	86	3.796	3.798	-0.002	96	9018	0.9666	
39 Isopropyl ether	87		3.819					9
40 2-Chloro-1,3-butadiene	53		3.855					
41 Tert-butyl ethyl ether	59		4.115					
42 2-Butanone (MEK)	43	4.234	4.236	-0.002	99	203405	8.80	
44 2,2-Dichloropropane	77	4.257	4.248	0.009	84	55614	1.08	
43 cis-1,2-Dichloroethene	96	4.245	4.248	-0.003	69	62643	1.07	
45 Propionitrile	54		4.281					
46 Ethyl acetate	43	4.234	4.281	-0.047	82	203405	4.44	
47 Methacrylonitrile	41		4.411					9
48 Chlorobromomethane	128	4.435	4.437	-0.002	86	29420	1.03	
49 Tetrahydrofuran	42	4.494	4.485	0.009	30	22849	0.8109	
50 Chloroform	83	4.494	4.496	-0.002	80	97978	1.08	
51 1,1,1-Trichloroethane	97	4.671	4.674	-0.003	88	69586	1.12	
52 Cyclohexane	56	4.742	4.745	-0.003	88	73488	1.05	
53 1,1-Dichloropropene	75	4.813	4.804	0.009	89	69609	1.09	
54 Carbon tetrachloride	117	4.825	4.816	0.009	83	53173	1.06	
55 Isobutyl alcohol	41	4.849	4.849	0.0	58	16411	10.5	
57 Benzene	78	4.979	4.982	-0.003	93	249942	1.13	
56 1,2-Dichloroethane	62	4.979	4.982	-0.003	51	73587	1.13	
58 Tert-amyl methyl ether	73		5.062					9
59 n-Heptane	100		5.192					
60 n-Butanol	56		5.405					
61 Trichloroethene	130	5.523	5.514	0.009	92	57525	1.05	
62 Ethyl acrylate	55		5.605					9
64 1,2-Dichloropropane	63	5.701	5.703	-0.002	80	52624	1.02	
63 Methylcyclohexane	83	5.701	5.703	-0.002	83	59548	1.03	
65 Methyl methacrylate	41		5.772					9
66 Dibromomethane	93	5.807	5.798	0.009	89	32270	1.08	
67 1,4-Dioxane	88	5.807	5.810	-0.003	36	14484	34.4	
68 Dichlorobromomethane	83	5.926	5.928	-0.002	93	62760	1.03	
69 2-Nitropropane	41		6.115					9
70 2-Chloroethyl vinyl ether	63	6.174	6.177	-0.003	83	50251	1.72	
71 cis-1,3-Dichloropropene	75	6.316	6.319	-0.003	77	66533	0.8834	
72 4-Methyl-2-pentanone (MIBK)	43	6.435	6.437	-0.002	96	407469	9.13	
73 Toluene	91	6.624	6.626	-0.002	94	245587	1.10	
74 trans-1,3-Dichloropropene	75	6.801	6.792	0.009	85	56491	0.8949	
75 Ethyl methacrylate	69	6.872	6.875	-0.003	83	50088	0.8636	
76 1,1,2-Trichloroethane	97	6.967	6.969	-0.002	86	48359	1.07	
77 1,3-Dichloropropane	76	7.121	7.123	-0.002	90	83160	1.05	
78 Tetrachloroethene	164	7.133	7.135	-0.002	82	42146	1.05	
79 2-Hexanone	43	7.180	7.182	-0.002	96	256652	9.41	
80 n-Butyl acetate	56		7.298					
81 Chlorodibromomethane	129	7.334	7.336	-0.002	71	42210	0.9635	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
82 Tetrahydrothiophene	60		7.346					
83 Ethylene Dibromide	107	7.452	7.455	-0.003	86	46577	1.06	
84 1-Chlorohexane	91		7.779					9
85 Chlorobenzene	112	7.902	7.904	-0.002	94	156764	1.11	
86 1,1,1,2-Tetrachloroethane	131	7.973	7.975	-0.002	82	50289	1.03	
87 Ethylbenzene	106	8.008	8.011	-0.003	96	73403	1.04	
88 m-Xylene & p-Xylene	106	8.115	8.117	-0.002	99	176661	1.98	
89 o-Xylene	106	8.493	8.496	-0.003	92	82545	0.9415	
90 Styrene	104	8.505	8.508	-0.003	92	132782	0.9437	
91 Bromoform	173	8.683	8.685	-0.002	80	24335	0.9176	
92 Isopropylbenzene	105	8.848	8.851	-0.003	93	191600	0.9726	
94 Cyclohexanone	55	8.931	8.931	0.0	83	32612	4.78	
93 1,4-Dichlorobutane	55		8.931					9
95 1,1,2,2-Tetrachloroethane	83	9.109	9.111	-0.002	88	66313	1.15	
96 Bromobenzene	156	9.144	9.147	-0.003	89	62643	1.09	
97 1,2,3-Trichloropropane	110	9.156	9.159	-0.003	63	21054	1.13	
98 trans-1,4-Dichloro-2-butene	53	9.168	9.170	-0.002	63	10752	1.34	
99 N-Propylbenzene	120	9.239	9.241	-0.002	97	54037	1.06	
100 2-Chlorotoluene	126	9.334	9.336	-0.002	94	55426	1.09	
101 1,3,5-Trimethylbenzene	105	9.416	9.407	0.009	92	159811	1.02	
102 4-Chlorotoluene	126	9.440	9.431	0.009	91	57688	1.06	
103 tert-Butylbenzene	119	9.736	9.738	-0.002	86	131910	1.03	
104 1,2,4-Trimethylbenzene	105	9.783	9.786	-0.003	72	165343	1.02	
105 sec-Butylbenzene	105	9.949	9.951	-0.002	87	173856	1.06	
106 1,3-Dichlorobenzene	146	10.067	10.058	0.009	94	122844	1.19	
107 4-Isopropyltoluene	119	10.091	10.093	-0.002	91	138687	1.01	
108 1,4-Dichlorobenzene	146	10.150	10.153	-0.002	91	128498	1.16	
109 1,2,3-Trimethylbenzene	105		10.197					9
110 n-Butylbenzene	91	10.493	10.496	-0.003	92	123765	1.14	
111 1,2-Dichlorobenzene	146	10.517	10.519	-0.002	94	127074	1.23	
112 1,2-Dibromo-3-Chloropropane	157	11.286	11.288	-0.002	38	11640	1.20	
113 1,3,5-Trichlorobenzene	180	11.511	11.513	-0.002	87	56238	0.9786	
114 1,2,4-Trichlorobenzene	180	12.126	12.129	-0.003	88	79950	1.53	
115 Hexachlorobutadiene	225	12.304	12.306	-0.002	87	36918	1.36	
116 Naphthalene	128	12.375	12.377	-0.002	100	220953	1.38	
117 1,2,3-Trichlorobenzene	180	12.623	12.626	-0.003	99	96566	1.71	
118 2-Methylnaphthalene	142	13.676	13.676	0.0	89	68281	0.8020	
S 119 Trihalomethanes, Total	1				0		3.99	
S 120 1,2-Dichloroethene, Total	96				0		2.17	
S 121 1,3-Dichloropropene, Total	75				0		1.78	
S 122 Xylenes, Total	106				0		2.92	
T 123 Butyl Methacrylate TIC	1		9.400					1
T 124 Hexachloroethane TIC	1		10.700					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
9 - Failed A Reference Spectral Test

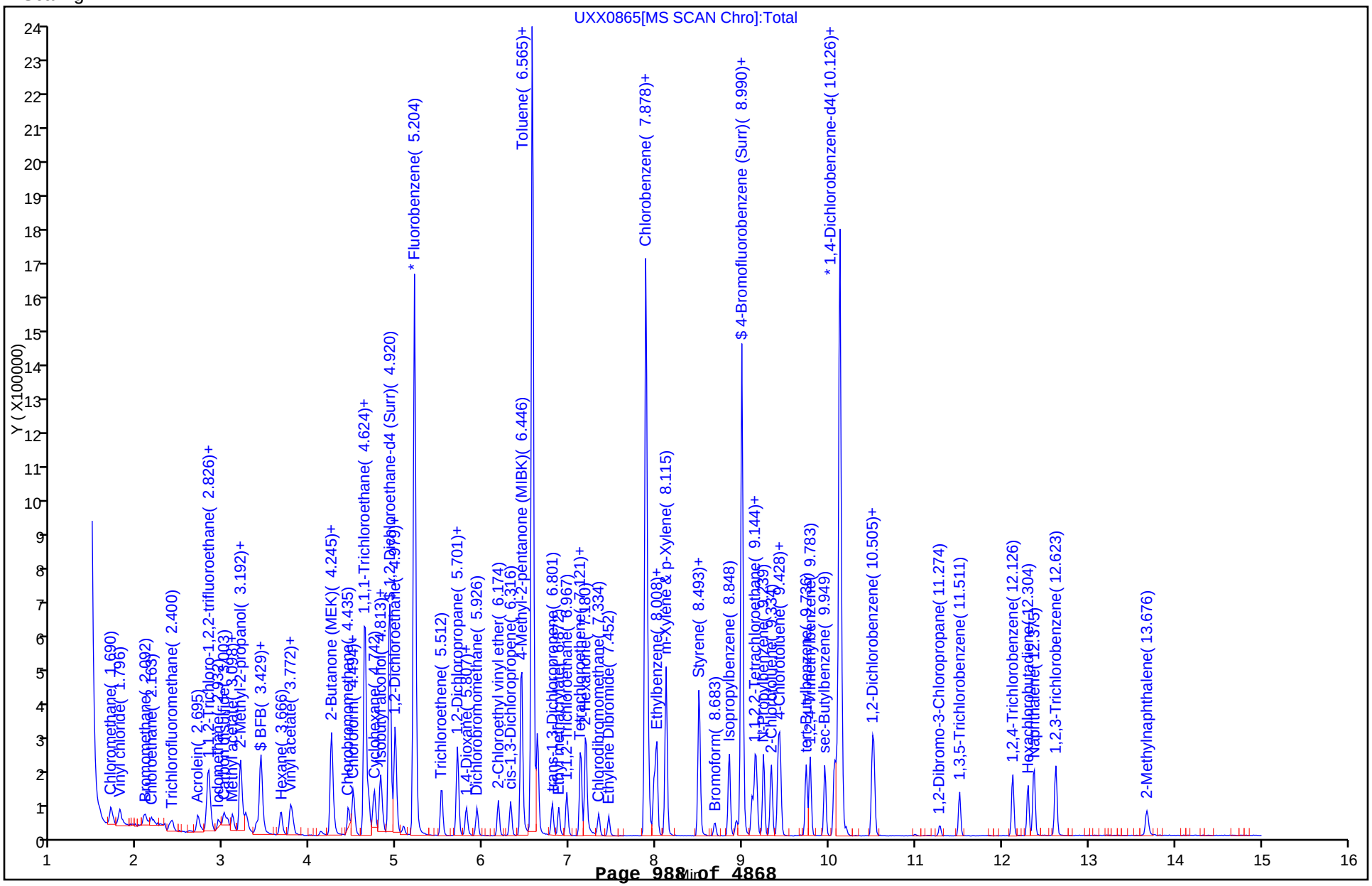
Report Date: 15-Nov-2012 13:50:55 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121113-14902.b\UXX0865.D

Injection Date:	13-Nov-2012 12:33:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX10
Lims Batch ID:	64831	Lims Sample ID:	5
Operator ID:	1904	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-64831/12

Matrix: Water | Lab File ID: UXX0872.D

Analysis Method: 8260B/DoD | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/13/2012 15:27

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 64831 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
78-93-3	2-Butanone (MEK)	0.00916	J	0.010	0.00050	0.00057
67-64-1	Acetone	0.00985	J	0.010	0.0010	0.0011
71-43-2	Benzene	0.00104		0.0010	0.00025	0.00013
75-25-2	Bromoform	0.000769	J	0.0010	0.00050	0.00064
74-83-9	Bromomethane	0.00115		0.0010	0.00050	0.00041
75-15-0	Carbon disulfide	0.000973	J	0.0010	0.00025	0.00013
56-23-5	Carbon tetrachloride	0.00103		0.0010	0.00025	0.00013
75-34-3	1,1-Dichloroethane	0.00105		0.0010	0.00025	0.00015
108-90-7	Chlorobenzene	0.000988	J	0.0010	0.00025	0.00015
107-06-2	1,2-Dichloroethane	0.00105		0.0010	0.00025	0.00022
74-87-3	Chloromethane	0.00124		0.0010	0.00050	0.00030
75-35-4	1,1-Dichloroethene	0.00106		0.0010	0.00025	0.00019
10061-01-5	cis-1,3-Dichloropropene	0.000883	J	0.0010	0.00025	0.00014
540-59-0	1,2-Dichloroethene, Total	0.00206		0.0020	0.00050	0.00034
124-48-1	Dibromochloromethane	0.000853	J	0.0010	0.00025	0.00018
78-87-5	1,2-Dichloropropane	0.00100		0.0010	0.00025	0.00018
75-27-4	Bromodichloromethane	0.000934	J	0.0010	0.00025	0.00015
100-41-4	Ethylbenzene	0.000902	J	0.0010	0.00025	0.00017
591-78-6	2-Hexanone	0.00917	J	0.010	0.00050	0.00041
1634-04-4	Methyl tert-butyl ether	0.000996	J	0.0010	0.00025	0.00017
75-09-2	Methylene Chloride	0.00273	^	0.0010	0.00050	0.00033
108-10-1	4-Methyl-2-pentanone (MIBK)	0.00922	J	0.010	0.00050	0.00032
100-42-5	Styrene	0.000771	J	0.0010	0.00025	0.00011
79-34-5	1,1,2,2-Tetrachloroethane	0.00103		0.0010	0.00025	0.00018
127-18-4	Tetrachloroethene	0.00103		0.0010	0.00050	0.00029
108-88-3	Toluene	0.00108		0.0010	0.00025	0.00013
67-66-3	Chloroform	0.00107		0.0010	0.00025	0.00016
10061-02-6	trans-1,3-Dichloropropene	0.000855	J	0.0010	0.00025	0.00019
71-55-6	1,1,1-Trichloroethane	0.00104		0.0010	0.00025	0.00022
74-97-5	Bromochloromethane	0.00109		0.0010	0.00050	0.00029
79-00-5	1,1,2-Trichloroethane	0.00110		0.0010	0.00050	0.00027
106-93-4	1,2-Dibromoethane	0.000932	J	0.0010	0.00025	0.00024
79-01-6	Trichloroethene	0.00102		0.0010	0.00025	0.00017
75-01-4	Vinyl chloride	0.00116		0.0010	0.00025	0.00022
75-00-3	Chloroethane	0.00116		0.0010	0.00050	0.00029
1330-20-7	Xylenes, Total	0.00260		0.0020	0.00075	0.00028

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Client Sample ID: Lab Sample ID: MRL 240-64831/12

Matrix: Water Lab File ID: UXX0872.D

Analysis Method: 8260B/DoD Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 11/13/2012 15:27

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 64831 Units: ng/uL

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		50-150
2037-26-5	Toluene-d8 (Surr)	109		50-150
460-00-4	4-Bromofluorobenzene (Surr)	97		50-150
1868-53-7	Dibromofluoromethane (Surr)	104		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX10\20121113-14902.b\UXX0872.D
Lims ID: MRL Client ID:
Inject. Date: 13-Nov-2012 15:27:30 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0014902-012
Misc. Info.: P21113A,8260LLUX10,,1904 =P21113A,8260LLUX10,,1904
Operator: 1904 Instrument ID: A3UX10
Purge Vol: 5.000 mL ALS Bottle#: 11
Lims Batch ID: 64831 Lims Sample ID: 12
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX10\20121113-14902.b\8260_10.m
Last Update: 14-Nov-2012 13:08:23 Calib Date: 12-Nov-2012 19:16:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX10\20121112-14871.b\UXX0857.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK020

First Level Reviewer: quayler Date: 13-Nov-2012 15:52:07

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	5.206	5.204	0.002	99	1651119	10.0	
* 2 Chlorobenzene-d5	117	7.880	7.878	0.002	85	1086824	10.0	
* 3 1,4-Dichlorobenzene-d4	152	10.128	10.126	0.002	92	561675	10.0	
$ 4 BFB	95	3.431	3.699	-0.268	0	2126	0	
$ 5 Dibromofluoromethane (Surr)	113	4.626	4.627	-0.001	59	469098	10.4	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	4.922	4.911	0.011	0	550389	10.4	
$ 7 Toluene-d8 (Surr)	98	6.567	6.567	0.0	93	1857671	10.9	
$ 8 4-Bromofluorobenzene (Surr)	95	8.993	8.993	0.0	90	549884	9.72	
11 C6-C10	1		0.000					
10 C6-C12	1		0.000					
9 Benzyl chloride	126		0.000					
143 1,3-Diethylbenzene TIC	1		0.000					
12 Dichlorodifluoromethane	85	1.562	1.562	0.0	73	39566	1.20	
13 Chloromethane	50	1.692	1.692	0.0	99	78586	1.24	
14 Vinyl chloride	62	1.798	1.799	-0.001	83	58164	1.16	
15 Chlorodifluoromethane TIC	1		1.900					
16 Bromomethane	94	2.082	2.083	-0.001	75	26912	1.15	
17 Chloroethane	64	2.165	2.165	0.0	69	28104	1.16	
18 Dichlorofluoromethane	67		2.328					
19 Trichlorofluoromethane	101	2.390	2.390	0.0	76	40278	1.10	
20 Ethyl ether	59		2.601					9
21 Acrolein	56	2.697	2.698	-0.001	88	69263	11.8	
23 1,1-Dichloroethene	96	2.804	2.804	0.0	81	42800	1.06	
24 Acetone	43	2.828	2.816	0.012	100	137910	9.85	
25 1,1,2-Trichloro-1,2,2-trifluoroe	151	2.828	2.828	0.0	39	34446	1.13	
22 Methylal	45		2.851					
26 Iodomethane	142	2.934	2.935	0.0	95	68875	1.00	
27 Carbon disulfide	76	3.005	3.006	-0.001	97	124736	0.9735	
28 Acetonitrile	41	3.052	3.041	0.011	98	57284	8.47	
29 3-Chloro-1-propene	76		3.098					9

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
30 Methyl acetate	43	3.100	3.100	0.0	92	93285	2.42	
31 Methylene Chloride	84	3.194	3.195	-0.001	87	155692	2.73	
32 2-Methyl-2-propanol	59	3.254	3.254	0.0	94	60099	18.0	
33 Acrylonitrile	53	3.372	3.384	-0.012	98	41793	2.16	
34 trans-1,2-Dichloroethene	96	3.431	3.431	0.0	64	50420	1.02	
35 Methyl tert-butyl ether	73	3.431	3.431	0.0	87	143230	1.00	
36 Hexane	86	3.656	3.656	0.0	85	6879	0.8710	
37 1,1-Dichloroethane	63	3.774	3.763	0.011	77	88216	1.05	
38 Vinyl acetate	86	3.810	3.798	0.012	95	8303	0.9483	
39 Isopropyl ether	87		3.819					
40 2-Chloro-1,3-butadiene	53		3.855					
41 Tert-butyl ethyl ether	59		4.115					
42 2-Butanone (MEK)	43	4.236	4.236	0.0	100	198721	9.16	
44 2,2-Dichloropropane	77	4.259	4.248	0.011	88	44460	0.9202	
43 cis-1,2-Dichloroethene	96	4.248	4.248	0.0	67	57122	1.04	
45 Propionitrile	54		4.281					
46 Ethyl acetate	43	4.236	4.281	-0.045	83	198721	4.62	
47 Methacrylonitrile	41		4.411					9
48 Chlorobromomethane	128	4.437	4.437	0.0	77	29116	1.09	
49 Tetrahydrofuran	42	4.496	4.485	0.011	29	19225	0.6723	
50 Chloroform	83	4.496	4.496	0.0	82	90620	1.07	
51 1,1,1-Trichloroethane	97	4.674	4.674	0.0	85	60341	1.04	
52 Cyclohexane	56	4.733	4.745	-0.012	85	63487	0.9622	
53 1,1-Dichloropropene	75	4.804	4.804	0.0	89	58570	0.9803	
54 Carbon tetrachloride	117	4.816	4.816	0.0	76	48453	1.03	
55 Isobutyl alcohol	41		4.849					9
57 Benzene	78	4.981	4.982	-0.001	93	215709	1.04	
56 1,2-Dichloroethane	62	4.981	4.982	-0.001	45	63995	1.05	
58 Tert-amyl methyl ether	73		5.062					9
59 n-Heptane	100		5.192					
60 n-Butanol	56		5.405					
61 Trichloroethene	130	5.514	5.514	0.0	92	52305	1.02	
62 Ethyl acrylate	55		5.605					9
64 1,2-Dichloropropane	63	5.703	5.703	0.0	82	48303	1.00	
63 Methylcyclohexane	83	5.703	5.703	0.0	80	48286	0.8878	
65 Methyl methacrylate	41		5.772					9
66 Dibromomethane	93	5.798	5.798	0.0	83	28178	1.01	
67 1,4-Dioxane	88	5.810	5.810	0.0	20	9451	27.6	
68 Dichlorobromomethane	83	5.928	5.928	0.0	91	53469	0.9338	
69 2-Nitropropane	41		6.115					9
70 2-Chloroethyl vinyl ether	63	6.176	6.177	-0.001	86	45607	1.67	
71 cis-1,3-Dichloropropene	75	6.318	6.319	-0.001	81	62388	0.8826	
72 4-Methyl-2-pentanone (MIBK)	43	6.437	6.437	0.0	96	386012	9.22	
73 Toluene	91	6.626	6.626	0.0	83	222057	1.08	
74 trans-1,3-Dichloropropene	75	6.803	6.792	0.011	83	49616	0.8546	
75 Ethyl methacrylate	69	6.874	6.875	-0.001	84	40535	0.7599	
76 1,1,2-Trichloroethane	97	6.969	6.969	0.0	82	45495	1.10	
77 1,3-Dichloropropane	76	7.123	7.123	0.0	87	73267	1.00	
78 Tetrachloroethene	164	7.135	7.135	0.0	89	38030	1.03	
79 2-Hexanone	43	7.182	7.182	0.0	97	229984	9.17	
80 n-Butyl acetate	56		7.298					9
81 Chlorodibromomethane	129	7.336	7.336	0.0	75	34366	0.8529	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
82 Tetrahydrothiophene	60		7.346					
83 Ethylene Dibromide	107	7.454	7.455	-0.001	89	37540	0.9324	
84 1-Chlorohexane	91		7.779					9
85 Chlorobenzene	112	7.904	7.904	0.0	91	128062	0.9876	
86 1,1,1,2-Tetrachloroethane	131	7.975	7.975	0.0	82	43433	0.9654	
87 Ethylbenzene	106	8.010	8.011	-0.001	96	58477	0.9021	
88 m-Xylene & p-Xylene	106	8.117	8.117	0.0	99	143593	1.75	
89 o-Xylene	106	8.496	8.496	0.0	90	68760	0.8527	
90 Styrene	104	8.507	8.508	-0.001	90	99707	0.7705	
91 Bromoform	173	8.685	8.685	0.0	85	18749	0.7687	
92 Isopropylbenzene	105	8.851	8.851	0.0	90	152134	0.8397	
94 Cyclohexanone	55		8.931					9
93 1,4-Dichlorobutane	55		8.931					9
95 1,1,2,2-Tetrachloroethane	83	9.111	9.111	0.0	81	53914	1.03	
96 Bromobenzene	156	9.146	9.147	-0.001	88	51100	0.9773	
97 1,2,3-Trichloropropane	110	9.158	9.159	-0.001	63	16630	0.9830	
98 trans-1,4-Dichloro-2-butene	53	9.158	9.170	-0.012	55	8127	1.20	
99 N-Propylbenzene	120	9.241	9.241	0.0	95	41509	0.8984	
100 2-Chlorotoluene	126	9.336	9.336	0.0	95	42090	0.9065	
101 1,3,5-Trimethylbenzene	105	9.407	9.407	0.0	90	117474	0.8250	
102 4-Chlorotoluene	126	9.430	9.431	-0.001	96	40888	0.8264	
103 tert-Butylbenzene	119	9.738	9.738	0.0	78	95773	0.8192	
104 1,2,4-Trimethylbenzene	105	9.785	9.786	-0.001	88	119304	0.8103	
105 sec-Butylbenzene	105	9.951	9.951	0.0	84	122016	0.8191	
106 1,3-Dichlorobenzene	146	10.057	10.058	-0.001	92	90382	0.9643	
107 4-Isopropyltoluene	119	10.093	10.093	0.0	92	97280	0.7770	
108 1,4-Dichlorobenzene	146	10.152	10.153	0.0	84	96538	0.9559	
109 1,2,3-Trimethylbenzene	105		10.197					9
110 n-Butylbenzene	91	10.495	10.496	-0.001	93	81235	0.8196	
111 1,2-Dichlorobenzene	146	10.519	10.519	0.0	95	94242	1.00	
112 1,2-Dibromo-3-Chloropropane	157	11.288	11.288	0.0	19	6574	0.7445	
113 1,3,5-Trichlorobenzene	180	11.513	11.513	0.0	89	45210	0.8648	
114 1,2,4-Trichlorobenzene	180	12.128	12.129	-0.001	73	35417	0.7434	
115 Hexachlorobutadiene	225	12.306	12.306	0.0	61	16148	0.4689	
116 Naphthalene	128	12.377	12.377	0.0	100	69571	0.4791	
117 1,2,3-Trichlorobenzene	180	12.625	12.626	-0.001	86	31073	0.6039	
118 2-Methylnaphthalene	142		13.676					
S 119 Trihalomethanes, Total	1				0		3.62	
S 120 1,2-Dichloroethene, Total	96				0		2.06	
S 121 1,3-Dichloropropene, Total	75				0		1.74	
S 122 Xylenes, Total	106				0		2.60	
T 123 Butyl Methacrylate TIC	1		9.400					1
T 124 Hexachloroethane TIC	1		10.700					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
9 - Failed A Reference Spectral Test

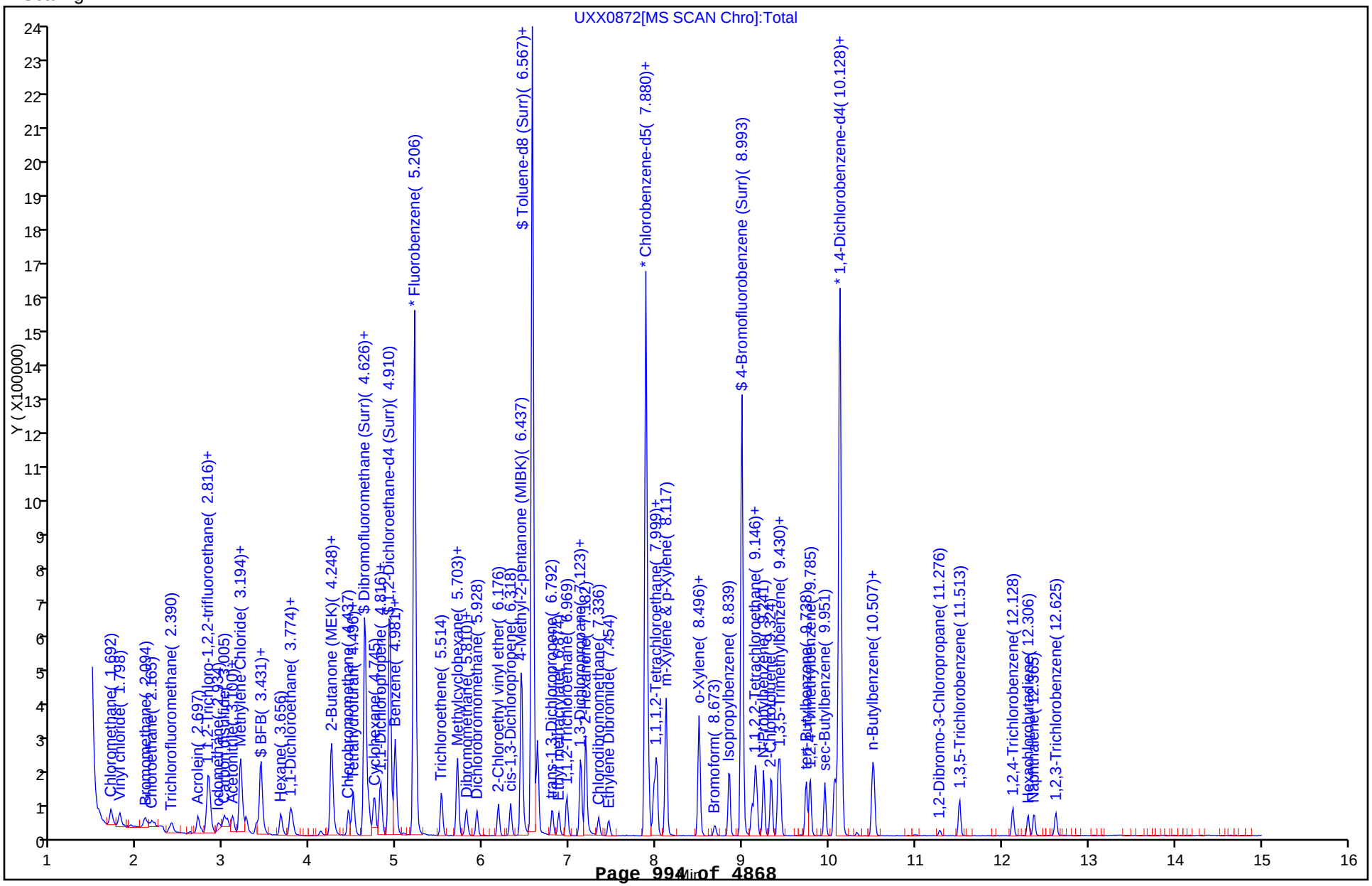
Report Date: 15-Nov-2012 13:51:03 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX10\20121113-14902.b\UXX0872.D

Injection Date:	13-Nov-2012 15:27:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX10
Lims Batch ID:	64831	Lims Sample ID:	12
Operator ID:	1904	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-64980/5

Matrix: Solid | Lab File ID: 149140.D

Analysis Method: 8260B/DoD | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 11/14/2012 13:18

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 64980 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
78-93-3	2-Butanone (MEK)	0.00959	J	0.010	0.00050	0.00057
67-64-1	Acetone	0.0159	^	0.010	0.0010	0.0011
71-43-2	Benzene	0.00507		0.0010	0.00025	0.00013
75-25-2	Bromoform	0.00619		0.0010	0.00050	0.00064
74-83-9	Bromomethane	0.00523		0.0010	0.00050	0.00041
75-15-0	Carbon disulfide	0.00387		0.0010	0.00025	0.00013
56-23-5	Carbon tetrachloride	0.00459		0.0010	0.00025	0.00013
75-34-3	1,1-Dichloroethane	0.00490		0.0010	0.00025	0.00015
108-90-7	Chlorobenzene	0.00489		0.0010	0.00025	0.00015
107-06-2	1,2-Dichloroethane	0.00510		0.0010	0.00025	0.00022
74-87-3	Chloromethane	0.00504		0.0010	0.00050	0.00030
75-35-4	1,1-Dichloroethene	0.00518		0.0010	0.00025	0.00019
10061-01-5	cis-1,3-Dichloropropene	0.00512		0.0010	0.00025	0.00014
540-59-0	1,2-Dichloroethene, Total	0.00983		0.0020	0.00050	0.00034
124-48-1	Dibromochloromethane	0.00493		0.0010	0.00025	0.00018
78-87-5	1,2-Dichloropropane	0.00488		0.0010	0.00025	0.00018
75-27-4	Bromodichloromethane	0.00418		0.0010	0.00025	0.00015
100-41-4	Ethylbenzene	0.00462		0.0010	0.00025	0.00017
591-78-6	2-Hexanone	0.00966	J	0.010	0.00050	0.00041
75-09-2	Methylene Chloride	0.00796	^	0.0010	0.00050	0.00033
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0103		0.010	0.00050	0.00032
100-42-5	Styrene	0.00442		0.0010	0.00025	0.00011
79-34-5	1,1,2,2-Tetrachloroethane	0.00472		0.0010	0.00025	0.00018
127-18-4	Tetrachloroethene	0.00528		0.0010	0.00050	0.00029
108-88-3	Toluene	0.00518		0.0010	0.00025	0.00013
67-66-3	Chloroform	0.00486		0.0010	0.00025	0.00016
10061-02-6	trans-1,3-Dichloropropene	0.00427		0.0010	0.00025	0.00019
71-55-6	1,1,1-Trichloroethane	0.00489		0.0010	0.00025	0.00022
74-97-5	Bromochloromethane	0.00504		0.0010	0.00050	0.00029
79-00-5	1,1,2-Trichloroethane	0.00515		0.0010	0.00050	0.00027
106-93-4	1,2-Dibromoethane	0.00470		0.0010	0.00025	0.00024
79-01-6	Trichloroethene	0.00515		0.0010	0.00025	0.00017
75-01-4	Vinyl chloride	0.00495		0.0010	0.00025	0.00022
75-00-3	Chloroethane	0.00514		0.0010	0.0050	0.00029
1330-20-7	Xylenes, Total	0.0146		0.0020	0.00075	0.00028

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Client Sample ID: Lab Sample ID: MRL 240-64980/5

Matrix: Solid Lab File ID: 149140.D

Analysis Method: 8260B/DoD Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 11/14/2012 13:18

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 64980 Units: ng/uL

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		50-150
2037-26-5	Toluene-d8 (Surr)	98		50-150
460-00-4	4-Bromofluorobenzene (Surr)	93		50-150
1868-53-7	Dibromofluoromethane (Surr)	90		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX14\20121114-14942.b\149140.D
Lims ID: QCMRL Client ID:
Inject. Date: 14-Nov-2012 13:18:30 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: qcmrl
Misc. Info.: 240-0014942-005 =240-0014942-005
Operator: 002808 Instrument ID: A3UX14
Purge Vol: 5.000 mL ALS Bottle#: 4
Lims Batch ID: 64980 Lims Sample ID: 5
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX14\20121114-14942.b\8260_14.m
Last Update: 15-Nov-2012 10:40:32 Calib Date: 13-Nov-2012 22:59:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX14\20121113-14916.b\149122.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK025

First Level Reviewer: macenczaks Date: 14-Nov-2012 13:40:09

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	1381950	50.0	
* 2 Chlorobenzene-d5	117	9.594	9.594	0.0	97	775093	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.570	11.571	-0.001	99	460392	50.0	
$ 4 BFB	95	4.329	4.537	-0.208	0	2196	0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	82	326560	44.8	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.553	6.542	0.011	94	377565	47.8	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	86	1137433	49.0	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	88	354656	46.5	
135 1,4-Dichlorobutane	1		0.000					
134 Chlorodifluoromethane TIC	1		0.000					
133 Benzyl chloride	126		0.000					
138 Butyl Methacrylate TIC	1		0.000					
136 Hexachloroethane TIC	1		0.000					
12 Dichlorodifluoromethane	85	1.441	1.442	-0.001	86	41145	5.18	
13 Chloromethane	50	1.607	1.607	0.0	89	68255	5.04	
14 Vinyl chloride	62	1.725	1.737	-0.012	84	52500	4.95	
15 Bromomethane	94	2.069	2.069	0.0	90	20801	5.23	
16 Chloroethane	64	2.187	2.187	0.0	91	31363	5.14	
17 Dichlorofluoromethane	67		2.447					9
18 Trichlorofluoromethane	101	2.506	2.507	-0.001	83	46948	4.63	
19 Ethyl ether	59		2.873					
25 Methylal	45		2.932					9
20 Acrolein	56	3.039	3.027	0.012	95	46565	49.6	
21 1,1-Dichloroethene	96	3.157	3.146	0.011	84	41186	5.18	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	3.193	3.181	0.012	80	40241	5.30	
22 Acetone	43	3.252	3.252	0.0	96	43677	15.9	
24 Iodomethane	142	3.347	3.347	0.0	100	66969	4.73	
26 Carbon disulfide	76	3.418	3.418	0.0	99	72450	3.87	
27 Acetonitrile	41	3.666	3.666	0.0	95	45282	52.5	
29 3-Chloro-1-propene	76		3.690					

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
28 Methyl acetate	43	3.761	3.761	0.0	97	62273	11.0	
30 Methylene Chloride	84	3.891	3.891	0.0	88	111620	7.96	
31 2-Methyl-2-propanol	59	4.187	4.187	0.0	85	38246	95.6	
32 Acrylonitrile	53	4.305	4.305	0.0	93	28319	10.6	
33 trans-1,2-Dichloroethene	96	4.317	4.317	0.0	89	43498	4.88	
34 Methyl tert-butyl ether	73	4.352	4.353	-0.001	86	88364	4.90	
35 Hexane	86	4.743	4.743	0.0	95	14708	7.00	
36 1,1-Dichloroethane	63	4.920	4.921	0.0	86	83852	4.90	
39 2-Chloro-1,3-butadiene	53		5.039					9
37 Vinyl acetate	86	5.039	5.039	0.0	97	3113	4.66	
38 Isopropyl ether	87		5.074					
40 Tert-butyl ethyl ether	59		5.524					9
61 Ethyl acrylate	55		5.605					9
43 2,2-Dichloropropane	77	5.642	5.642	0.0	63	27643	4.81	
42 cis-1,2-Dichloroethene	96	5.654	5.654	0.0	75	44462	4.95	
41 2-Butanone (MEK)	43	5.701	5.701	0.0	87	29464	9.59	
44 Propionitrile	54		5.761					
45 Ethyl acetate	43		5.796					
46 Methacrylonitrile	41		5.926					9
47 Chlorobromomethane	128	5.926	5.926	0.0	88	19916	5.04	
48 Tetrahydrofuran	42	5.985	5.985	0.0	75	9305	4.53	
49 Chloroform	83	6.033	6.033	0.0	84	69695	4.86	
50 1,1,1-Trichloroethane	97	6.210	6.210	0.0	39	53803	4.89	
51 Cyclohexane	56	6.269	6.258	0.011	94	118220	5.30	
52 1,1-Dichloropropene	75	6.388	6.388	0.0	82	56960	5.16	
53 Carbon tetrachloride	117	6.388	6.388	0.0	63	43779	4.59	
54 Isobutyl alcohol	41		6.589					
55 Benzene	78	6.601	6.601	0.0	96	156018	5.07	
56 1,2-Dichloroethane	62	6.624	6.624	0.0	84	56231	5.10	
57 Tert-amyl methyl ether	73		6.743					9
58 n-Heptane	100		6.897					
59 n-Butanol	56		7.228					
60 Trichloroethene	130	7.240	7.240	0.0	90	44881	5.15	
80 Tetrahydrothiophene	60		7.255					9
63 Methylcyclohexane	83	7.417	7.417	0.0	98	84713	4.99	
62 1,2-Dichloropropane	63	7.453	7.453	0.0	87	37871	4.88	
65 Dibromomethane	93	7.559	7.559	0.0	85	15755	4.67	
64 Methyl methacrylate	41		7.583					
66 1,4-Dioxane	88	7.583	7.583	0.0	89	8160	186.9	
67 Dichlorobromomethane	83	7.713	7.713	0.0	89	27621	4.18	
68 2-Nitropropane	41		7.914					
69 2-Chloroethyl vinyl ether	63	7.997	7.997	0.0	87	19701	11.0	
70 cis-1,3-Dichloropropene	75	8.115	8.115	0.0	78	26455	5.12	
71 4-Methyl-2-pentanone (MIBK)	43	8.257	8.257	0.0	98	49011	10.3	
72 Toluene	91	8.411	8.411	0.0	91	141019	5.18	
73 trans-1,3-Dichloropropene	75	8.600	8.601	-0.001	91	19582	4.27	
74 Ethyl methacrylate	69	8.683	8.683	0.0	86	15629	4.21	
75 1,1,2-Trichloroethane	97	8.766	8.766	0.0	90	19083	5.15	
77 Tetrachloroethene	164	8.884	8.885	-0.001	88	32804	5.28	
76 1,3-Dichloropropane	76	8.908	8.908	0.0	91	32801	5.07	
78 2-Hexanone	43	8.979	8.979	0.0	92	24031	9.66	
132 n-Butyl acetate	43		9.086					

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
79 Chlorodibromomethane	129	9.109	9.109	0.0	82	14058	4.93	
123 Ethylene Dibromide	107	9.204	9.204	0.0	95	16950	4.70	
81 1-Chlorohexane	91		9.594					
82 Chlorobenzene	112	9.618	9.618	0.0	88	87502	4.89	
83 1,1,1,2-Tetrachloroethane	131	9.689	9.689	0.0	81	25589	4.37	
84 Ethylbenzene	106	9.713	9.713	0.0	99	44513	4.62	
10 m-Xylene & p-Xylene	106	9.807	9.807	0.0	97	113912	9.64	
85 o-Xylene	106	10.150	10.151	-0.001	95	62083	4.92	
86 Styrene	104	10.162	10.162	0.0	93	71359	4.42	
87 Bromoform	173	10.328	10.328	0.0	87	6310	6.19	
88 Isopropylbenzene	105	10.458	10.458	0.0	96	164195	4.82	
89 Cyclohexanone	55	10.541	10.541	0.0	29	3584	3.22	
90 1,1,2,2-Tetrachloroethane	83	10.707	10.707	0.0	83	21712	4.72	
91 Bromobenzene	156	10.718	10.719	-0.001	91	36854	4.94	
92 1,2,3-Trichloropropane	110	10.742	10.742	0.0	75	7417	4.84	
93 trans-1,4-Dichloro-2-butene	53	10.754	10.754	0.0	48	6620	4.25	
94 N-Propylbenzene	120	10.801	10.801	0.0	97	42957	4.76	
95 2-Chlorotoluene	126	10.884	10.884	0.0	97	40498	4.94	
96 1,3,5-Trimethylbenzene	105	10.943	10.943	0.0	92	138020	4.81	
104 4-Chlorotoluene	126	10.967	10.967	0.0	99	36337	4.63	
97 tert-Butylbenzene	119	11.227	11.227	0.0	90	130372	4.73	
98 1,2,4-Trimethylbenzene	105	11.263	11.263	0.0	96	133236	4.71	
99 sec-Butylbenzene	105	11.417	11.417	0.0	94	181979	4.88	
100 1,3-Dichlorobenzene	146	11.511	11.511	0.0	95	77482	4.78	
101 4-Isopropyltoluene	119	11.535	11.535	0.0	87	155299	4.77	
102 1,4-Dichlorobenzene	146	11.582	11.582	0.0	76	80067	4.77	
103 1,2,3-Trimethylbenzene	105	11.618	11.630	-0.012	13	4330	0.1570	
105 n-Butylbenzene	91	11.878	11.878	0.0	96	132563	4.86	
106 1,2-Dichlorobenzene	146	11.902	11.902	0.0	96	76539	4.89	
107 1,2-Dibromo-3-Chloropropane	157	12.553	12.553	0.0	32	3047	4.78	
108 1,3,5-Trichlorobenzene	180	12.730	12.730	0.0	96	68671	5.19	
109 1,2,4-Trichlorobenzene	180	13.239	13.239	0.0	94	56477	5.11	
110 Hexachlorobutadiene	225	13.369	13.369	0.0	94	32561	5.39	
111 Naphthalene	128	13.440	13.440	0.0	97	90806	4.79	
112 1,2,3-Trichlorobenzene	180	13.629	13.630	-0.001	95	50426	5.48	
113 2-Methylnaphthalene	142	14.304	14.304	0.0	85	22189	2.03	
A 140 C6-C10	1	7.589	3.915 - 11.263		0	12043480	0	
A 139 C6-C12	1	8.388	3.915 - 12.860		0	14514511	0	
S 137 Trihalomethanes, Total	1				0		20.2	
S 11 1,2-Dichloroethene, Total	96				0		9.83	
S 9 1,3-Dichloropropene, Total	75				0		9.40	
S 114 Xylenes, Total	106				0		14.6	

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

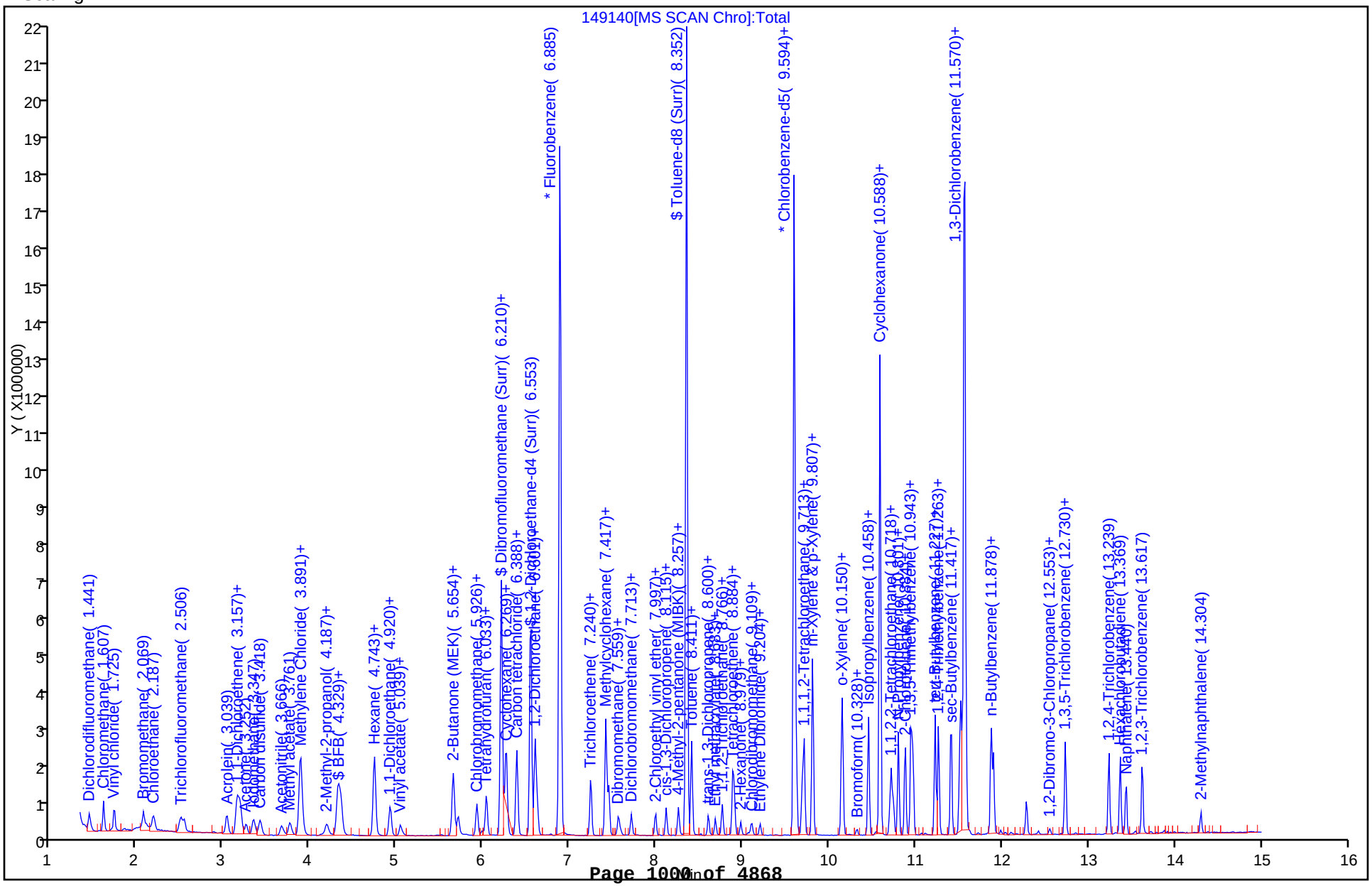
Report Date: 15-Nov-2012 10:40:34 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121114-14942.b\149140.D

Injection Date:	14-Nov-2012 13:18:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	64980	Lims Sample ID:	5
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-64980/33

Matrix: Solid | Lab File ID: 149168.D

Analysis Method: 8260B/DoD | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 11/14/2012 23:21

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 64980 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
78-93-3	2-Butanone (MEK)	0.00998	J	0.010	0.00050	0.00057
67-64-1	Acetone	0.0157	^	0.010	0.0010	0.0011
71-43-2	Benzene	0.00502		0.0010	0.00025	0.00013
75-25-2	Bromoform	0.00591		0.0010	0.00050	0.00064
74-83-9	Bromomethane	0.00480		0.0010	0.00050	0.00041
75-15-0	Carbon disulfide	0.00362		0.0010	0.00025	0.00013
56-23-5	Carbon tetrachloride	0.00448		0.0010	0.00025	0.00013
75-34-3	1,1-Dichloroethane	0.00480		0.0010	0.00025	0.00015
108-90-7	Chlorobenzene	0.00504		0.0010	0.00025	0.00015
107-06-2	1,2-Dichloroethane	0.00537		0.0010	0.00025	0.00022
74-87-3	Chloromethane	0.00510		0.0010	0.00050	0.00030
75-35-4	1,1-Dichloroethene	0.00488		0.0010	0.00025	0.00019
10061-01-5	cis-1,3-Dichloropropene	0.00514		0.0010	0.00025	0.00014
540-59-0	1,2-Dichloroethene, Total	0.00969		0.0020	0.00050	0.00034
124-48-1	Dibromochloromethane	0.00459		0.0010	0.00025	0.00018
78-87-5	1,2-Dichloropropane	0.00496		0.0010	0.00025	0.00018
75-27-4	Bromodichloromethane	0.00390		0.0010	0.00025	0.00015
100-41-4	Ethylbenzene	0.00481		0.0010	0.00025	0.00017
591-78-6	2-Hexanone	0.00893	J	0.010	0.00050	0.00041
75-09-2	Methylene Chloride	0.00645		0.0010	0.00050	0.00033
108-10-1	4-Methyl-2-pentanone (MIBK)	0.00935	J	0.010	0.00050	0.00032
100-42-5	Styrene	0.00439		0.0010	0.00025	0.00011
79-34-5	1,1,2,2-Tetrachloroethane	0.00491		0.0010	0.00025	0.00018
127-18-4	Tetrachloroethene	0.00505		0.0010	0.00050	0.00029
108-88-3	Toluene	0.00517		0.0010	0.00025	0.00013
67-66-3	Chloroform	0.00487		0.0010	0.00025	0.00016
10061-02-6	trans-1,3-Dichloropropene	0.00397		0.0010	0.00025	0.00019
71-55-6	1,1,1-Trichloroethane	0.00476		0.0010	0.00025	0.00022
74-97-5	Bromochloromethane	0.00491		0.0010	0.00050	0.00029
79-00-5	1,1,2-Trichloroethane	0.00510		0.0010	0.00050	0.00027
106-93-4	1,2-Dibromoethane	0.00489		0.0010	0.00025	0.00024
79-01-6	Trichloroethene	0.00506		0.0010	0.00025	0.00017
75-01-4	Vinyl chloride	0.00505		0.0010	0.00025	0.00022
75-00-3	Chloroethane	0.00518		0.0010	0.0050	0.00029
1330-20-7	Xylenes, Total	0.0149		0.0020	0.00075	0.00028

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Client Sample ID: Lab Sample ID: MRL 240-64980/33

Matrix: Solid Lab File ID: 149168.D

Analysis Method: 8260B/DoD Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 11/14/2012 23:21

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 64980 Units: ng/uL

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		50-150
2037-26-5	Toluene-d8 (Surr)	97		50-150
460-00-4	4-Bromofluorobenzene (Surr)	95		50-150
1868-53-7	Dibromofluoromethane (Surr)	88		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX14\20121114-14942.b\149168.D
Lims ID: QCMRL Client ID:
Inject. Date: 14-Nov-2012 23:21:30 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: qcmrl
Misc. Info.: 240-0014942-033 =240-0014942-033
Operator: 002808 Instrument ID: A3UX14
Purge Vol: 5.000 mL ALS Bottle#: 32
Lims Batch ID: 64980 Lims Sample ID: 33
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX14\20121114-14942.b\8260_14.m
Last Update: 15-Nov-2012 10:40:32 Calib Date: 13-Nov-2012 22:59:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX14\20121113-14916.b\149122.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK025

First Level Reviewer: macenczaks Date: 15-Nov-2012 10:19:51

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	1408920	50.0	
* 2 Chlorobenzene-d5	117	9.594	9.594	0.0	98	813956	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.570	11.571	-0.001	98	475795	50.0	
$ 4 BFB	95	4.317	4.537	-0.220	0	2461	0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	76	328829	44.2	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.541	6.542	-0.001	93	402133	50.0	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	95	1187378	48.7	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	88	374427	47.5	
135 1,4-Dichlorobutane	1		0.000					
134 Chlorodifluoromethane TIC	1		0.000					
133 Benzyl chloride	126		0.000					
138 Butyl Methacrylate TIC	1		0.000					
136 Hexachloroethane TIC	1		0.000					
12 Dichlorodifluoromethane	85	1.442	1.442	0.0	85	37944	4.68	
13 Chloromethane	50	1.607	1.607	0.0	88	70358	5.10	
14 Vinyl chloride	62	1.725	1.737	-0.012	82	54622	5.05	
15 Bromomethane	94	2.069	2.069	0.0	88	19737	4.80	
16 Chloroethane	64	2.187	2.187	0.0	94	32223	5.18	
17 Dichlorofluoromethane	67		2.447					
18 Trichlorofluoromethane	101	2.495	2.507	-0.012	81	45850	4.44	
19 Ethyl ether	59	2.873	2.873	0.0	90	7227	1.04	
25 Methylal	45		2.932					9
20 Acrolein	56	3.027	3.027	0.0	96	44980	47.0	
21 1,1-Dichloroethene	96	3.145	3.146	-0.001	82	39561	4.88	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	3.181	3.181	0.0	82	41348	5.35	
22 Acetone	43	3.252	3.252	0.0	98	44075	15.7	
24 Iodomethane	142	3.335	3.347	-0.012	99	69488	4.82	
26 Carbon disulfide	76	3.418	3.418	0.0	98	67760	3.62	
27 Acetonitrile	41	3.666	3.666	0.0	94	41247	46.9	
29 3-Chloro-1-propene	76		3.690					

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
28 Methyl acetate	43	3.761	3.761	0.0	97	63981	11.1	
30 Methylene Chloride	84	3.891	3.891	0.0	90	101740	6.45	
31 2-Methyl-2-propanol	59	4.187	4.187	0.0	83	40389	99.1	
32 Acrylonitrile	53	4.305	4.305	0.0	95	28967	10.6	
33 trans-1,2-Dichloroethene	96	4.317	4.317	0.0	91	44033	4.84	
34 Methyl tert-butyl ether	73	4.352	4.353	-0.001	85	89951	4.89	
35 Hexane	86	4.743	4.743	0.0	95	12632	5.90	
36 1,1-Dichloroethane	63	4.920	4.921	0.0	86	83620	4.80	
39 2-Chloro-1,3-butadiene	53		5.039					
37 Vinyl acetate	86	5.039	5.039	0.0	97	3050	4.50	
38 Isopropyl ether	87		5.074					
40 Tert-butyl ethyl ether	59		5.524					
61 Ethyl acrylate	55		5.605					
43 2,2-Dichloropropane	77	5.642	5.642	0.0	69	28122	4.79	
42 cis-1,2-Dichloroethene	96	5.654	5.654	0.0	76	44429	4.85	
41 2-Butanone (MEK)	43	5.701	5.701	0.0	94	31086	9.98	
44 Propionitrile	54		5.761					
45 Ethyl acetate	43		5.796					9
46 Methacrylonitrile	41		5.926					9
47 Chlorobromomethane	128	5.926	5.926	0.0	87	19796	4.91	
48 Tetrahydrofuran	42	5.985	5.985	0.0	85	10478	5.04	
49 Chloroform	83	6.033	6.033	0.0	83	71168	4.87	
50 1,1,1-Trichloroethane	97	6.210	6.210	0.0	37	53478	4.76	
51 Cyclohexane	56	6.257	6.258	-0.001	95	113477	4.99	
52 1,1-Dichloropropene	75	6.388	6.388	0.0	83	58545	5.20	
53 Carbon tetrachloride	117	6.388	6.388	0.0	60	43381	4.48	
54 Isobutyl alcohol	41		6.589					
55 Benzene	78	6.601	6.601	0.0	83	157629	5.02	
56 1,2-Dichloroethane	62	6.624	6.624	0.0	83	60418	5.37	
57 Tert-amyl methyl ether	73		6.743					
58 n-Heptane	100		6.897					
59 n-Butanol	56		7.228					9
60 Trichloroethene	130	7.240	7.240	0.0	91	45023	5.06	
80 Tetrahydrothiophene	60		7.255					9
63 Methylcyclohexane	83	7.417	7.417	0.0	96	86497	5.00	
62 1,2-Dichloropropane	63	7.453	7.453	0.0	85	39252	4.96	
65 Dibromomethane	93	7.559	7.559	0.0	85	17181	4.99	
64 Methyl methacrylate	41		7.583					
66 1,4-Dioxane	88	7.583	7.583	0.0	88	8816	198.0	
67 Dichlorobromomethane	83	7.713	7.713	0.0	89	25705	3.90	
68 2-Nitropropane	41		7.914					
69 2-Chloroethyl vinyl ether	63	7.997	7.997	0.0	87	18867	10.5	
70 cis-1,3-Dichloropropene	75	8.115	8.115	0.0	78	27150	5.14	
71 4-Methyl-2-pentanone (MIBK)	43	8.257	8.257	0.0	98	46963	9.35	
72 Toluene	91	8.411	8.411	0.0	90	147801	5.17	
73 trans-1,3-Dichloropropene	75	8.600	8.601	-0.001	83	18574	3.97	
74 Ethyl methacrylate	69	8.683	8.683	0.0	87	17176	4.38	
75 1,1,2-Trichloroethane	97	8.766	8.766	0.0	88	19837	5.10	
77 Tetrachloroethene	164	8.884	8.885	-0.001	90	32937	5.05	
76 1,3-Dichloropropane	76	8.908	8.908	0.0	94	36432	5.36	
78 2-Hexanone	43	8.979	8.979	0.0	96	23330	8.93	
132 n-Butyl acetate	43		9.086					14

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
79 Chlorodibromomethane	129	9.109	9.109	0.0	88	13317	4.59	
123 Ethylene Dibromide	107	9.204	9.204	0.0	92	18528	4.89	
81 1-Chlorohexane	91		9.594					9
82 Chlorobenzene	112	9.618	9.618	0.0	89	94639	5.04	
83 1,1,1,2-Tetrachloroethane	131	9.689	9.689	0.0	81	25757	4.21	
84 Ethylbenzene	106	9.713	9.713	0.0	98	48722	4.81	
10 m-Xylene & p-Xylene	106	9.807	9.807	0.0	97	123469	9.95	
85 o-Xylene	106	10.151	10.151	0.0	93	64879	4.90	
86 Styrene	104	10.162	10.162	0.0	92	74507	4.39	
87 Bromoform	173	10.316	10.328	-0.012	84	6019	5.91	
88 Isopropylbenzene	105	10.458	10.458	0.0	97	169617	4.74	
89 Cyclohexanone	55		10.541					
90 1,1,2,2-Tetrachloroethane	83	10.707	10.707	0.0	84	23342	4.91	
91 Bromobenzene	156	10.718	10.719	-0.001	95	38339	4.97	
92 1,2,3-Trichloropropane	110	10.742	10.742	0.0	72	8769	5.54	
93 trans-1,4-Dichloro-2-butene	53	10.754	10.754	0.0	47	7513	4.67	
94 N-Propylbenzene	120	10.801	10.801	0.0	97	45480	4.87	
95 2-Chlorotoluene	126	10.884	10.884	0.0	97	42366	5.00	
96 1,3,5-Trimethylbenzene	105	10.943	10.943	0.0	94	142416	4.80	
104 4-Chlorotoluene	126	10.967	10.967	0.0	99	38068	4.69	
97 tert-Butylbenzene	119	11.227	11.227	0.0	90	130697	4.59	
98 1,2,4-Trimethylbenzene	105	11.263	11.263	0.0	97	139870	4.79	
99 sec-Butylbenzene	105	11.405	11.417	-0.012	96	185651	4.82	
100 1,3-Dichlorobenzene	146	11.511	11.511	0.0	96	82786	4.94	
101 4-Isopropyltoluene	119	11.535	11.535	0.0	86	163051	4.85	
102 1,4-Dichlorobenzene	146	11.582	11.582	0.0	87	85078	4.90	
103 1,2,3-Trimethylbenzene	105		11.630					9
105 n-Butylbenzene	91	11.878	11.878	0.0	97	127487	4.53	
106 1,2-Dichlorobenzene	146	11.902	11.902	0.0	96	81181	5.02	
107 1,2-Dibromo-3-Chloropropane	157	12.553	12.553	0.0	41	2839	4.36	
108 1,3,5-Trichlorobenzene	180	12.730	12.730	0.0	96	69328	5.07	
109 1,2,4-Trichlorobenzene	180	13.239	13.239	0.0	94	56261	4.92	
110 Hexachlorobutadiene	225	13.369	13.369	0.0	92	32541	5.21	
111 Naphthalene	128	13.440	13.440	0.0	97	92884	4.74	
112 1,2,3-Trichlorobenzene	180	13.629	13.630	-0.001	94	51704	5.44	
113 2-Methylnaphthalene	142	14.304	14.304	0.0	26	1982	0.1755	
A 140 C6-C10	1	7.589	3.915 - 11.263		0	12649585	0	
A 139 C6-C12	1	8.388	3.915 - 12.860		0	15412050	0	
S 137 Trihalomethanes, Total	1				0		19.3	
S 11 1,2-Dichloroethene, Total	96				0		9.70	
S 9 1,3-Dichloropropene, Total	75				0		9.11	
S 114 Xylenes, Total	106				0		14.8	

QC Flag Legend

Processing Flags
1 - Missing Peaks
4 - Failed Signal Ratio Test
9 - Failed A Reference Spectral Test

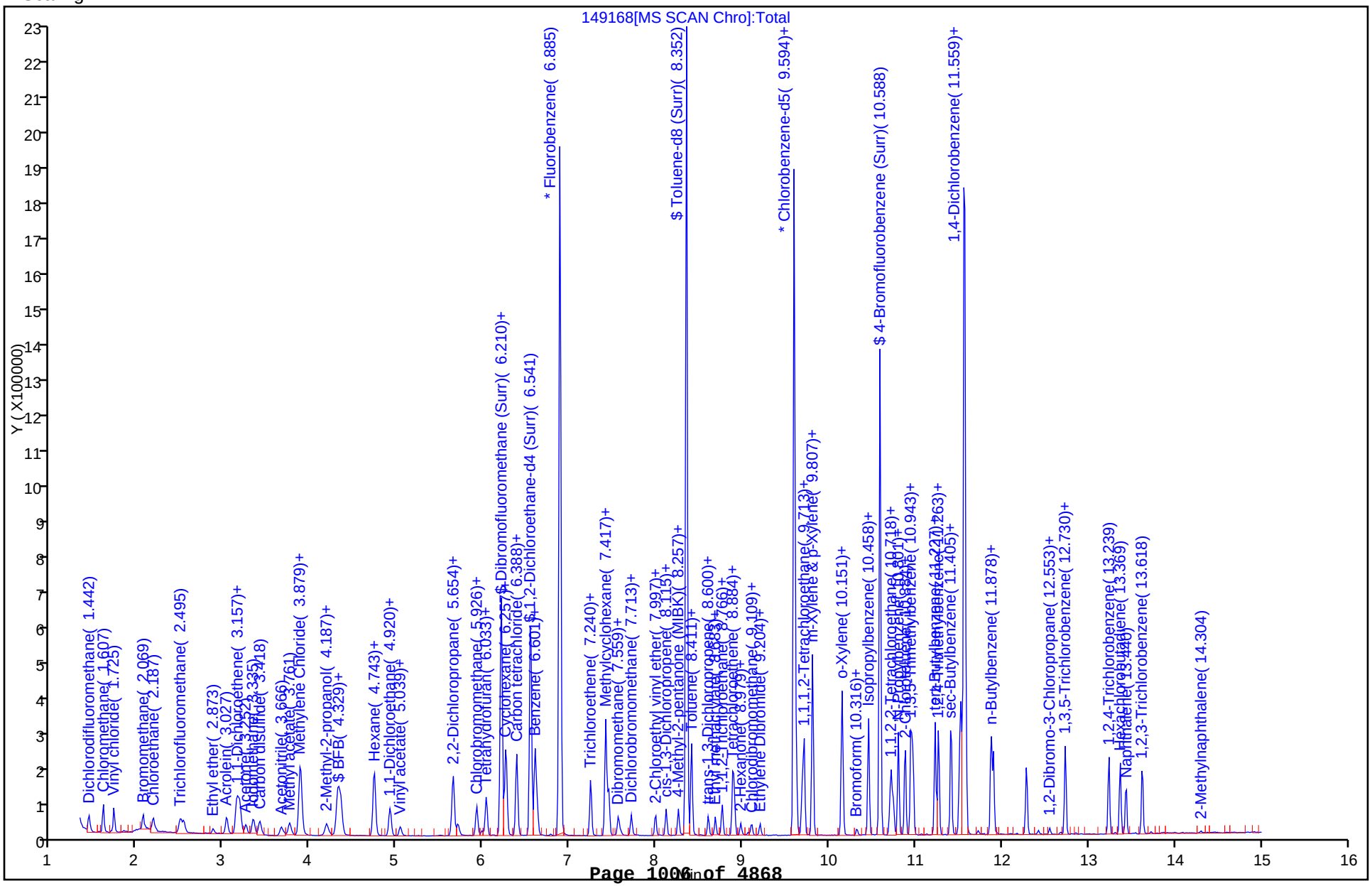
Report Date: 15-Nov-2012 10:40:49 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121114-14942.b\149168.D

Injection Date:	14-Nov-2012 23:21:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	64980	Lims Sample ID:	33
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-65171/5

Matrix: Solid | Lab File ID: 149173.D

Analysis Method: 8260B/DoD | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 11/15/2012 12:20

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 65171 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
78-93-3	2-Butanone (MEK)	0.0102		0.010	0.00050	0.00057
67-64-1	Acetone	0.0175	^	0.010	0.0010	0.0011
71-43-2	Benzene	0.00490		0.0010	0.00025	0.00013
75-25-2	Bromoform	0.00607		0.0010	0.00050	0.00064
74-83-9	Bromomethane	0.00580		0.0010	0.00050	0.00041
75-15-0	Carbon disulfide	0.00358		0.0010	0.00025	0.00013
56-23-5	Carbon tetrachloride	0.00456		0.0010	0.00025	0.00013
75-34-3	1,1-Dichloroethane	0.00470		0.0010	0.00025	0.00015
108-90-7	Chlorobenzene	0.00498		0.0010	0.00025	0.00015
107-06-2	1,2-Dichloroethane	0.00505		0.0010	0.00025	0.00022
74-87-3	Chloromethane	0.00583		0.0010	0.00050	0.00030
75-35-4	1,1-Dichloroethene	0.00478		0.0010	0.00025	0.00019
10061-01-5	cis-1,3-Dichloropropene	0.00504		0.0010	0.00025	0.00014
540-59-0	1,2-Dichloroethene, Total	0.00958		0.0020	0.00050	0.00034
124-48-1	Dibromochloromethane	0.00454		0.0010	0.00025	0.00018
78-87-5	1,2-Dichloropropane	0.00485		0.0010	0.00025	0.00018
75-27-4	Bromodichloromethane	0.00411		0.0010	0.00025	0.00015
100-41-4	Ethylbenzene	0.00470		0.0010	0.00025	0.00017
591-78-6	2-Hexanone	0.00914	J	0.010	0.00050	0.00041
75-09-2	Methylene Chloride	0.00565		0.0010	0.00050	0.00033
108-10-1	4-Methyl-2-pentanone (MIBK)	0.00948	J	0.010	0.00050	0.00032
100-42-5	Styrene	0.00411		0.0010	0.00025	0.00011
79-34-5	1,1,2,2-Tetrachloroethane	0.00464		0.0010	0.00025	0.00018
127-18-4	Tetrachloroethene	0.00523		0.0010	0.00050	0.00029
108-88-3	Toluene	0.00494		0.0010	0.00025	0.00013
67-66-3	Chloroform	0.00474		0.0010	0.00025	0.00016
10061-02-6	trans-1,3-Dichloropropene	0.00416		0.0010	0.00025	0.00019
71-55-6	1,1,1-Trichloroethane	0.00465		0.0010	0.00025	0.00022
74-97-5	Bromochloromethane	0.00475		0.0010	0.00050	0.00029
79-00-5	1,1,2-Trichloroethane	0.00489		0.0010	0.00050	0.00027
106-93-4	1,2-Dibromoethane	0.00444		0.0010	0.00025	0.00024
79-01-6	Trichloroethene	0.00490		0.0010	0.00025	0.00017
75-01-4	Vinyl chloride	0.00555		0.0010	0.00025	0.00022
75-00-3	Chloroethane	0.00562		0.0010	0.0050	0.00029
1330-20-7	Xylenes, Total	0.0139		0.0020	0.00075	0.00028

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Client Sample ID: Lab Sample ID: MRL 240-65171/5

Matrix: Solid Lab File ID: 149173.D

Analysis Method: 8260B/DoD Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 11/15/2012 12:20

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 65171 Units: ng/uL

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		50-150
2037-26-5	Toluene-d8 (Surr)	97		50-150
460-00-4	4-Bromofluorobenzene (Surr)	95		50-150
1868-53-7	Dibromofluoromethane (Surr)	89		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX14\20121115-14986.b\149173.D
Lims ID: QCMRL Client ID:
Inject. Date: 15-Nov-2012 12:20:30 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: qcmrl
Misc. Info.: 240-0014986-005 =240-0014986-005
Operator: 002808 Instrument ID: A3UX14
Purge Vol: 5.000 mL ALS Bottle#: 4
Lims Batch ID: 65171 Lims Sample ID: 5
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX14\20121115-14986.b\8260_14.m
Last Update: 16-Nov-2012 09:58:08 Calib Date: 13-Nov-2012 22:59:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX14\20121113-14916.b\149122.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK015

First Level Reviewer: macenczaks Date: 15-Nov-2012 12:41:14

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	1409743	50.0	
* 2 Chlorobenzene-d5	117	9.594	9.594	0.0	98	806452	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.570	11.570	0.0	99	463255	50.0	
$ 4 BFB	95	4.329	4.537	-0.208	0	2263	0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	69	330145	44.3	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.541	6.541	0.0	93	390924	48.5	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	85	1174148	48.6	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	89	363309	47.3	
135 1,4-Dichlorobutane	1		0.000					
134 Chlorodifluoromethane TIC	1		0.000					
138 Butyl Methacrylate TIC	1		0.000					
133 Benzyl chloride	126		0.000					
136 Hexachloroethane TIC	1		0.000					
12 Dichlorodifluoromethane	85	1.441	1.442	-0.001	86	46555	5.74	
13 Chloromethane	50	1.607	1.607	0.0	89	80474	5.83	
14 Vinyl chloride	62	1.725	1.737	-0.012	83	60120	5.55	
15 Bromomethane	94	2.069	2.069	0.0	89	23185	5.80	
16 Chloroethane	64	2.187	2.187	0.0	97	34955	5.62	
17 Dichlorofluoromethane	67		2.447					9
18 Trichlorofluoromethane	101	2.506	2.507	-0.001	83	48725	4.71	
19 Ethyl ether	59	2.873	2.873	0.0	94	5834	0.8393	
25 Methylal	45		2.932					
20 Acrolein	56	3.027	3.027	0.0	89	44175	46.2	
21 1,1-Dichloroethene	96	3.145	3.146	-0.001	84	38758	4.78	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	3.181	3.181	0.0	84	37352	4.83	
22 Acetone	43	3.264	3.252	0.012	91	47803	17.5	
24 Iodomethane	142	3.335	3.347	-0.012	100	66531	4.61	
26 Carbon disulfide	76	3.418	3.418	0.0	98	66873	3.58	
27 Acetonitrile	41	3.666	3.666	0.0	98	49345	56.1	
29 3-Chloro-1-propene	76		3.690					

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
28 Methyl acetate	43	3.761	3.761	0.0	97	63235	11.0	
30 Methylene Chloride	84	3.891	3.879	0.012	89	95398	5.65	
31 2-Methyl-2-propanol	59	4.187	4.187	0.0	86	40949	100.4	
32 Acrylonitrile	53	4.305	4.305	0.0	90	27615	10.1	
33 trans-1,2-Dichloroethene	96	4.329	4.317	0.012	90	42448	4.67	
34 Methyl tert-butyl ether	73	4.352	4.353	-0.001	85	85615	4.65	
35 Hexane	86	4.743	4.743	0.0	95	11755	5.49	
36 1,1-Dichloroethane	63	4.920	4.921	0.0	86	82026	4.70	
39 2-Chloro-1,3-butadiene	53		5.039					9
37 Vinyl acetate	86	5.039	5.039	0.0	95	2587	3.91	
38 Isopropyl ether	87	5.074	5.074	0.0	85	1607	0.2253	
40 Tert-butyl ethyl ether	59		5.524					
61 Ethyl acrylate	55		5.605					9
43 2,2-Dichloropropane	77	5.642	5.642	0.0	69	27184	4.63	
42 cis-1,2-Dichloroethene	96	5.654	5.654	0.0	75	44957	4.91	
41 2-Butanone (MEK)	43	5.701	5.701	0.0	71	31618	10.2	
44 Propionitrile	54		5.760					
45 Ethyl acetate	43		5.796					
46 Methacrylonitrile	41		5.926					9
47 Chlorobromomethane	128	5.926	5.926	0.0	87	19124	4.75	
48 Tetrahydrofuran	42	5.985	5.985	0.0	91	10108	4.85	
49 Chloroform	83	6.033	6.033	0.0	84	69348	4.74	
50 1,1,1-Trichloroethane	97	6.210	6.210	0.0	36	52187	4.65	
51 Cyclohexane	56	6.257	6.258	-0.001	95	111956	4.92	
53 Carbon tetrachloride	117	6.388	6.388	0.0	66	44359	4.56	
52 1,1-Dichloropropene	75	6.388	6.388	0.0	80	53217	4.72	
54 Isobutyl alcohol	41		6.589					
55 Benzene	78	6.601	6.601	0.0	96	153902	4.90	
56 1,2-Dichloroethane	62	6.624	6.624	0.0	83	56879	5.05	
57 Tert-amyl methyl ether	73		6.743					9
58 n-Heptane	100		6.896					
59 n-Butanol	56	7.228	7.228	0.0	37	5882	30.0	
60 Trichloroethene	130	7.240	7.240	0.0	89	43553	4.90	
80 Tetrahydrothiophene	60		7.255					9
63 Methylcyclohexane	83	7.417	7.417	0.0	98	84785	4.90	
62 1,2-Dichloropropane	63	7.453	7.453	0.0	86	38409	4.85	
65 Dibromomethane	93	7.559	7.559	0.0	88	16207	4.71	
64 Methyl methacrylate	41		7.571					9
66 1,4-Dioxane	88	7.583	7.583	0.0	86	9586	215.2	
67 Dichlorobromomethane	83	7.713	7.713	0.0	88	27576	4.11	
68 2-Nitropropane	41		7.926					
69 2-Chloroethyl vinyl ether	63	7.997	7.997	0.0	88	19119	10.6	
70 cis-1,3-Dichloropropene	75	8.115	8.115	0.0	76	26294	5.04	
71 4-Methyl-2-pentanone (MIBK)	43	8.257	8.257	0.0	96	47139	9.48	
72 Toluene	91	8.411	8.411	0.0	96	139955	4.94	
73 trans-1,3-Dichloropropene	75	8.600	8.601	-0.001	89	19621	4.16	
74 Ethyl methacrylate	69	8.683	8.683	0.0	91	16583	4.28	
75 1,1,2-Trichloroethane	97	8.766	8.766	0.0	89	18861	4.89	
77 Tetrachloroethene	164	8.884	8.885	-0.001	88	33833	5.23	
76 1,3-Dichloropropane	76	8.908	8.908	0.0	92	31847	4.73	
78 2-Hexanone	43	8.979	8.979	0.0	94	23671	9.14	
132 n-Butyl acetate	43	9.085	9.085	0.0	0	11119	0	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
79 Chlorodibromomethane	129	9.109	9.109	0.0	84	12968	4.54	
123 Ethylene Dibromide	107	9.204	9.204	0.0	93	16647	4.44	
81 1-Chlorohexane	91		9.594					
82 Chlorobenzene	112	9.618	9.618	0.0	91	92550	4.98	
83 1,1,1,2-Tetrachloroethane	131	9.689	9.689	0.0	78	25133	4.16	
84 Ethylbenzene	106	9.713	9.713	0.0	98	47125	4.70	
10 m-Xylene & p-Xylene	106	9.807	9.808	-0.001	98	113428	9.22	
85 o-Xylene	106	10.150	10.151	-0.001	94	60889	4.64	
86 Styrene	104	10.162	10.162	0.0	93	69119	4.11	
87 Bromoform	173	10.328	10.328	0.0	91	6310	6.07	
88 Isopropylbenzene	105	10.458	10.458	0.0	96	159920	4.51	
89 Cyclohexanone	55	10.541	10.541	0.0	21	3530	3.05	
90 1,1,2,2-Tetrachloroethane	83	10.707	10.707	0.0	81	21484	4.64	
91 Bromobenzene	156	10.718	10.719	-0.001	94	34500	4.59	
92 1,2,3-Trichloropropane	110	10.742	10.742	0.0	74	7758	5.03	
93 trans-1,4-Dichloro-2-butene	53	10.754	10.754	0.0	48	6293	4.01	
94 N-Propylbenzene	120	10.801	10.801	0.0	97	41776	4.60	
95 2-Chlorotoluene	126	10.884	10.884	0.0	97	38373	4.65	
96 1,3,5-Trimethylbenzene	105	10.943	10.943	0.0	94	132542	4.59	
104 4-Chlorotoluene	126	10.967	10.967	0.0	98	36992	4.68	
97 tert-Butylbenzene	119	11.227	11.227	0.0	88	123116	4.44	
98 1,2,4-Trimethylbenzene	105	11.263	11.263	0.0	96	128266	4.51	
99 sec-Butylbenzene	105	11.417	11.417	0.0	94	176434	4.70	
100 1,3-Dichlorobenzene	146	11.511	11.511	0.0	96	78540	4.82	
101 4-Isopropyltoluene	119	11.535	11.535	0.0	87	150161	4.59	
102 1,4-Dichlorobenzene	146	11.582	11.582	0.0	77	79409	4.70	
103 1,2,3-Trimethylbenzene	105	11.618	11.630	-0.012	5	4736	0.1707	
105 n-Butylbenzene	91	11.878	11.878	0.0	93	124866	4.55	
106 1,2-Dichlorobenzene	146	11.902	11.902	0.0	96	75724	4.81	
107 1,2-Dibromo-3-Chloropropane	157	12.553	12.553	0.0	41	2255	3.65	
108 1,3,5-Trichlorobenzene	180	12.730	12.730	0.0	96	63304	4.76	
109 1,2,4-Trichlorobenzene	180	13.239	13.239	0.0	93	54357	4.89	
110 Hexachlorobutadiene	225	13.369	13.369	0.0	93	31659	5.21	
111 Naphthalene	128	13.440	13.440	0.0	97	86122	4.51	
112 1,2,3-Trichlorobenzene	180	13.629	13.630	-0.001	94	48236	5.21	
113 2-Methylnaphthalene	142	14.304	14.304	0.0	86	22977	2.09	
A 140 C6-C10	1	7.589	3.915 - 11.263		0	12545481	0	
A 139 C6-C12	1	8.388	3.915 - 12.860		0	14991701	0	
S 137 Trihalomethanes, Total	1				0		19.5	
S 11 1,2-Dichloroethene, Total	96				0		9.57	
S 9 1,3-Dichloropropene, Total	75				0		9.20	
S 114 Xylenes, Total	106				0		13.9	

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

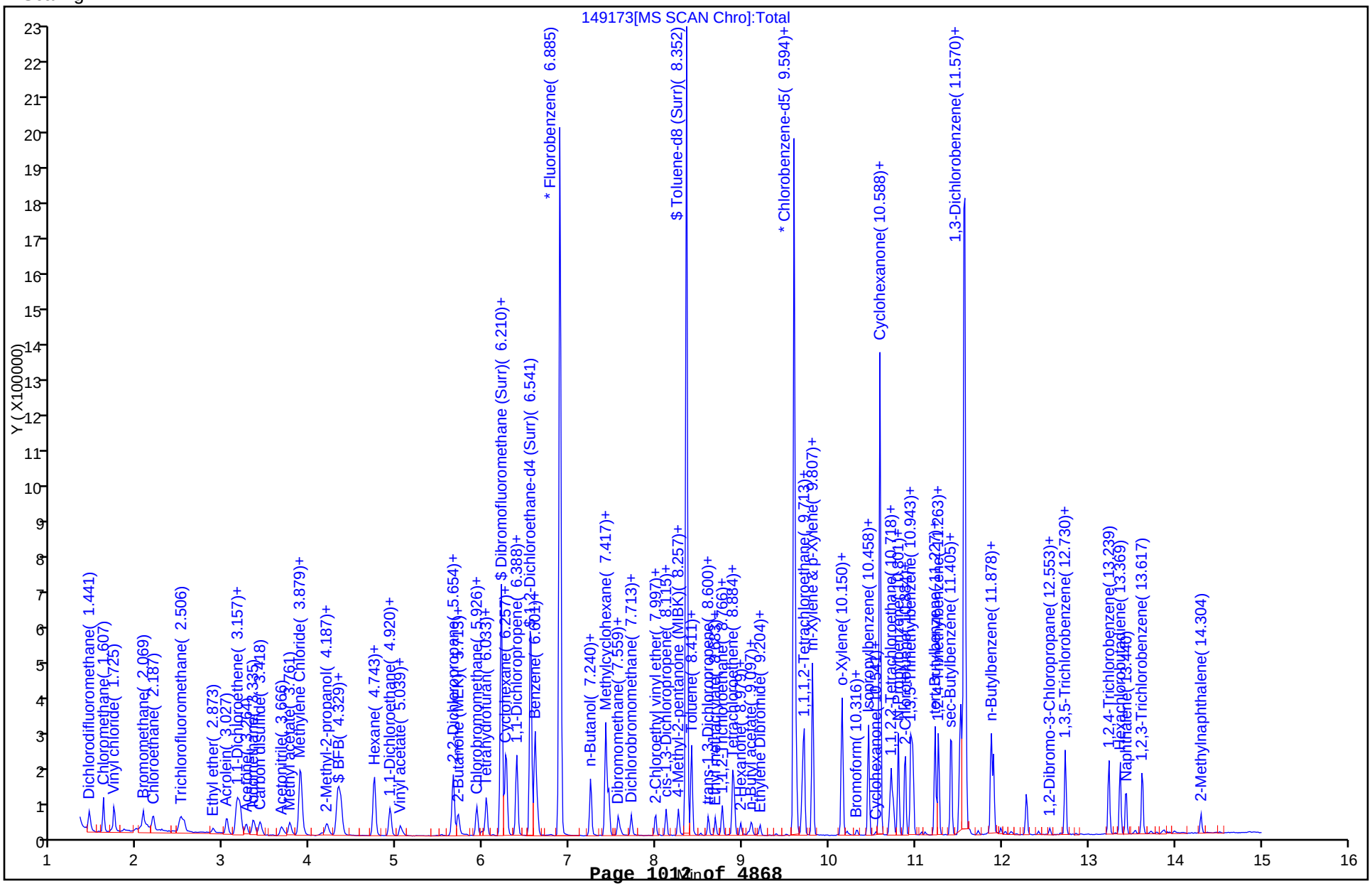
Report Date: 16-Nov-2012 09:58:09 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121115-14986.b\149173.D

Injection Date:	15-Nov-2012 12:20:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	65171	Lims Sample ID:	5
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-65171/29

Matrix: Solid | Lab File ID: 149197.D

Analysis Method: 8260B/DoD | Date Collected:

Sample wt/vol: 5(g) | Date Analyzed: 11/15/2012 21:17

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 65171 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
78-93-3	2-Butanone (MEK)	0.0119		0.010	0.00050	0.00057
67-64-1	Acetone	0.0201	^	0.010	0.0010	0.0011
71-43-2	Benzene	0.00504		0.0010	0.00025	0.00013
75-25-2	Bromoform	0.00648		0.0010	0.00050	0.00064
74-83-9	Bromomethane	0.00491		0.0010	0.00050	0.00041
75-15-0	Carbon disulfide	0.00353		0.0010	0.00025	0.00013
56-23-5	Carbon tetrachloride	0.00444		0.0010	0.00025	0.00013
75-34-3	1,1-Dichloroethane	0.00476		0.0010	0.00025	0.00015
108-90-7	Chlorobenzene	0.00495		0.0010	0.00025	0.00015
107-06-2	1,2-Dichloroethane	0.00522		0.0010	0.00025	0.00022
74-87-3	Chloromethane	0.00516		0.0010	0.00050	0.00030
75-35-4	1,1-Dichloroethene	0.00467		0.0010	0.00025	0.00019
10061-01-5	cis-1,3-Dichloropropene	0.00542		0.0010	0.00025	0.00014
540-59-0	1,2-Dichloroethene, Total	0.00908		0.0020	0.00050	0.00034
124-48-1	Dibromochloromethane	0.00492		0.0010	0.00025	0.00018
78-87-5	1,2-Dichloropropane	0.00508		0.0010	0.00025	0.00018
75-27-4	Bromodichloromethane	0.00433		0.0010	0.00025	0.00015
100-41-4	Ethylbenzene	0.00487		0.0010	0.00025	0.00017
591-78-6	2-Hexanone	0.0109		0.010	0.00050	0.00041
75-09-2	Methylene Chloride	0.00528		0.0010	0.00050	0.00033
108-10-1	4-Methyl-2-pentanone (MIBK)	0.0102		0.010	0.00050	0.00032
100-42-5	Styrene	0.00453		0.0010	0.00025	0.00011
79-34-5	1,1,2,2-Tetrachloroethane	0.00525		0.0010	0.00025	0.00018
127-18-4	Tetrachloroethene	0.00537		0.0010	0.00050	0.00029
108-88-3	Toluene	0.00512		0.0010	0.00025	0.00013
67-66-3	Chloroform	0.00471		0.0010	0.00025	0.00016
10061-02-6	trans-1,3-Dichloropropene	0.00425		0.0010	0.00025	0.00019
71-55-6	1,1,1-Trichloroethane	0.00437		0.0010	0.00025	0.00022
74-97-5	Bromochloromethane	0.00472		0.0010	0.00050	0.00029
79-00-5	1,1,2-Trichloroethane	0.00567		0.0010	0.00050	0.00027
106-93-4	1,2-Dibromoethane	0.00492		0.0010	0.00025	0.00024
79-01-6	Trichloroethene	0.00521		0.0010	0.00025	0.00017
75-01-4	Vinyl chloride	0.00518		0.0010	0.00025	0.00022
75-00-3	Chloroethane	0.00482		0.0010	0.0050	0.00029
1330-20-7	Xylenes, Total	0.0148		0.0020	0.00075	0.00028

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Client Sample ID: Lab Sample ID: MRL 240-65171/29

Matrix: Solid Lab File ID: 149197.D

Analysis Method: 8260B/DoD Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 11/15/2012 21:17

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 65171 Units: ng/uL

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		50-150
2037-26-5	Toluene-d8 (Surr)	96		50-150
460-00-4	4-Bromofluorobenzene (Surr)	101		50-150
1868-53-7	Dibromofluoromethane (Surr)	87		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX14\20121115-14986.b\149197.D
Lims ID: QCMRL Client ID:
Inject. Date: 15-Nov-2012 21:17:30 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: qcmrl
Misc. Info.: 240-0014986-029 =240-0014986-029
Operator: 002808 Instrument ID: A3UX14
Purge Vol: 5.000 mL ALS Bottle#: 28
Lims Batch ID: 65171 Lims Sample ID: 29
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX14\20121115-14986.b\8260_14.m
Last Update: 16-Nov-2012 09:58:08 Calib Date: 13-Nov-2012 22:59:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX14\20121113-14916.b\149122.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK015

First Level Reviewer: macenczaks Date: 16-Nov-2012 09:29:53

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	1532149	50.0	
* 2 Chlorobenzene-d5	117	9.594	9.594	0.0	98	930246	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.570	11.570	0.0	99	522429	50.0	
$ 4 BFB	95	4.317	4.537	-0.220	0	2464	0	
$ 5 Dibromofluoromethane (Surr)	113	6.198	6.210	-0.012	79	350941	43.4	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.541	6.541	0.0	93	437217	50.0	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	86	1334874	47.9	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	90	435138	50.3	
135 1,4-Dichlorobutane	1		0.000					
134 Chlorodifluoromethane TIC	1		0.000					
138 Butyl Methacrylate TIC	1		0.000					
133 Benzyl chloride	126		0.000					
136 Hexachloroethane TIC	1		0.000					
12 Dichlorodifluoromethane	85	1.441	1.442	-0.001	86	44792	5.09	
13 Chloromethane	50	1.607	1.607	0.0	89	77398	5.16	
14 Vinyl chloride	62	1.725	1.737	-0.012	84	60946	5.18	
15 Bromomethane	94	2.069	2.069	0.0	90	21849	4.91	
16 Chloroethane	64	2.187	2.187	0.0	92	32565	4.82	
17 Dichlorofluoromethane	67		2.447					
18 Trichlorofluoromethane	101	2.506	2.507	-0.001	84	47530	4.23	
19 Ethyl ether	59	2.873	2.873	0.0	91	5719	0.7570	
25 Methylal	45		2.932					
20 Acrolein	56	3.027	3.027	0.0	90	43759	42.1	
21 1,1-Dichloroethene	96	3.145	3.146	-0.001	84	41098	4.67	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	3.181	3.181	0.0	81	40795	4.85	
22 Acetone	43	3.252	3.252	0.0	95	57404	20.1	
24 Iodomethane	142	3.335	3.347	-0.012	99	69172	4.41	
26 Carbon disulfide	76	3.418	3.418	0.0	99	71517	3.53	
27 Acetonitrile	41	3.654	3.666	-0.012	99	46754	48.9	
29 3-Chloro-1-propene	76		3.690					

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
28 Methyl acetate	43	3.761	3.761	0.0	97	71810	11.4	
30 Methylene Chloride	84	3.879	3.879	0.0	87	100478	5.28	
31 2-Methyl-2-propanol	59	4.187	4.187	0.0	86	50196	113.2	
32 Acrylonitrile	53	4.305	4.305	0.0	96	30438	10.3	
33 trans-1,2-Dichloroethene	96	4.317	4.317	0.0	88	42684	4.32	
34 Methyl tert-butyl ether	73	4.352	4.353	-0.001	88	90238	4.51	
35 Hexane	86	4.731	4.743	-0.012	96	14009	6.02	
36 1,1-Dichloroethane	63	4.920	4.921	0.0	85	90198	4.76	
39 2-Chloro-1,3-butadiene	53		5.039					9
37 Vinyl acetate	86	5.039	5.039	0.0	96	3080	4.23	
38 Isopropyl ether	87		5.074					9
40 Tert-butyl ethyl ether	59		5.524					9
61 Ethyl acrylate	55		5.605					9
43 2,2-Dichloropropane	77	5.642	5.642	0.0	66	26519	4.16	
42 cis-1,2-Dichloroethene	96	5.654	5.654	0.0	74	47422	4.76	
41 2-Butanone (MEK)	43	5.701	5.701	0.0	93	39318	11.9	
44 Propionitrile	54		5.760					
45 Ethyl acetate	43		5.796					
46 Methacrylonitrile	41		5.926					9
47 Chlorobromomethane	128	5.926	5.926	0.0	89	20679	4.72	
48 Tetrahydrofuran	42	5.985	5.985	0.0	87	12909	5.77	
49 Chloroform	83	6.033	6.033	0.0	84	74855	4.71	
50 1,1,1-Trichloroethane	97	6.210	6.210	0.0	85	53351	4.37	
51 Cyclohexane	56	6.257	6.258	-0.001	96	116593	4.71	
53 Carbon tetrachloride	117	6.388	6.388	0.0	59	46687	4.44	
52 1,1-Dichloropropene	75	6.388	6.388	0.0	82	63632	5.20	
54 Isobutyl alcohol	41		6.589					
55 Benzene	78	6.601	6.601	0.0	97	171967	5.04	
56 1,2-Dichloroethane	62	6.624	6.624	0.0	82	63831	5.22	
57 Tert-amyl methyl ether	73		6.743					
58 n-Heptane	100		6.896					
59 n-Butanol	56		7.228					
60 Trichloroethene	130	7.240	7.240	0.0	89	50384	5.21	
80 Tetrahydrothiophene	60		7.255					9
63 Methylcyclohexane	83	7.417	7.417	0.0	97	91170	4.84	
62 1,2-Dichloropropane	63	7.453	7.453	0.0	87	43764	5.08	
65 Dibromomethane	93	7.559	7.559	0.0	84	19101	5.10	
64 Methyl methacrylate	41		7.571					9
66 1,4-Dioxane	88	7.583	7.583	0.0	93	12088	249.7	
67 Dichlorobromomethane	83	7.713	7.713	0.0	89	31988	4.33	
68 2-Nitropropane	41		7.926					
69 2-Chloroethyl vinyl ether	63	7.985	7.997	-0.012	89	23767	11.8	
70 cis-1,3-Dichloropropene	75	8.115	8.115	0.0	73	32117	5.42	
71 4-Methyl-2-pentanone (MIBK)	43	8.257	8.257	0.0	96	58482	10.2	
72 Toluene	91	8.411	8.411	0.0	97	167502	5.12	
73 trans-1,3-Dichloropropene	75	8.600	8.601	-0.001	87	23294	4.25	
74 Ethyl methacrylate	69	8.683	8.683	0.0	87	22289	4.87	
75 1,1,2-Trichloroethane	97	8.766	8.766	0.0	88	25201	5.67	
77 Tetrachloroethene	164	8.884	8.885	-0.001	89	40039	5.37	
76 1,3-Dichloropropane	76	8.908	8.908	0.0	94	41310	5.32	
78 2-Hexanone	43	8.979	8.979	0.0	92	32512	10.9	
132 n-Butyl acetate	43		9.085					14

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
79 Chlorodibromomethane	129	9.097	9.109	-0.012	86	16820	4.92	
123 Ethylene Dibromide	107	9.204	9.204	0.0	95	21284	4.92	
81 1-Chlorohexane	91		9.594					
82 Chlorobenzene	112	9.618	9.618	0.0	90	106143	4.95	
83 1,1,1,2-Tetrachloroethane	131	9.689	9.689	0.0	81	29250	4.19	
84 Ethylbenzene	106	9.713	9.713	0.0	98	56395	4.87	
10 m-Xylene & p-Xylene	106	9.807	9.808	-0.001	98	141583	9.98	
85 o-Xylene	106	10.150	10.151	-0.001	94	72814	4.81	
86 Styrene	104	10.150	10.162	-0.012	90	87816	4.53	
87 Bromoform	173	10.316	10.328	-0.012	85	8317	6.48	
88 Isopropylbenzene	105	10.458	10.458	0.0	96	190753	4.66	
89 Cyclohexanone	55	10.541	10.541	0.0	28	2114	1.58	
90 1,1,2,2-Tetrachloroethane	83	10.707	10.707	0.0	86	27396	5.25	
91 Bromobenzene	156	10.718	10.719	-0.001	95	42431	5.01	
92 1,2,3-Trichloropropane	110	10.742	10.742	0.0	82	8759	5.04	
93 trans-1,4-Dichloro-2-butene	53	10.754	10.754	0.0	59	9034	5.11	
94 N-Propylbenzene	120	10.801	10.801	0.0	97	53117	5.18	
95 2-Chlorotoluene	126	10.884	10.884	0.0	97	50440	5.42	
96 1,3,5-Trimethylbenzene	105	10.943	10.943	0.0	93	156134	4.79	
104 4-Chlorotoluene	126	10.967	10.967	0.0	99	45079	5.06	
97 tert-Butylbenzene	119	11.227	11.227	0.0	88	147496	4.71	
98 1,2,4-Trimethylbenzene	105	11.263	11.263	0.0	96	151226	4.71	
99 sec-Butylbenzene	105	11.405	11.417	-0.012	96	204653	4.83	
100 1,3-Dichlorobenzene	146	11.511	11.511	0.0	94	91825	4.99	
101 4-Isopropyltoluene	119	11.535	11.535	0.0	86	176569	4.78	
102 1,4-Dichlorobenzene	146	11.582	11.582	0.0	85	96218	5.05	
103 1,2,3-Trimethylbenzene	105		11.630					
105 n-Butylbenzene	91	11.878	11.878	0.0	94	143079	4.63	
106 1,2-Dichlorobenzene	146	11.902	11.902	0.0	97	89175	5.02	
107 1,2-Dibromo-3-Chloropropane	157	12.553	12.553	0.0	44	3754	5.15	
108 1,3,5-Trichlorobenzene	180	12.730	12.730	0.0	97	73987	4.93	
109 1,2,4-Trichlorobenzene	180	13.239	13.239	0.0	94	58903	4.70	
110 Hexachlorobutadiene	225	13.369	13.369	0.0	94	35654	5.20	
111 Naphthalene	128	13.440	13.440	0.0	97	101566	4.72	
112 1,2,3-Trichlorobenzene	180	13.629	13.630	-0.001	95	51281	4.91	
113 2-Methylnaphthalene	142	14.304	14.304	0.0	37	2807	0.2264	
A 140 C6-C10	1	7.589	3.915 - 11.263		0	14291561	0	
A 139 C6-C12	1	8.388	3.915 - 12.860		0	17373155	0	
S 137 Trihalomethanes, Total	1				0		20.4	
S 11 1,2-Dichloroethene, Total	96				0		9.08	
S 9 1,3-Dichloropropene, Total	75				0		9.67	
S 114 Xylenes, Total	106				0		14.8	

QC Flag Legend

Processing Flags
1 - Missing Peaks
4 - Failed Signal Ratio Test
9 - Failed A Reference Spectral Test

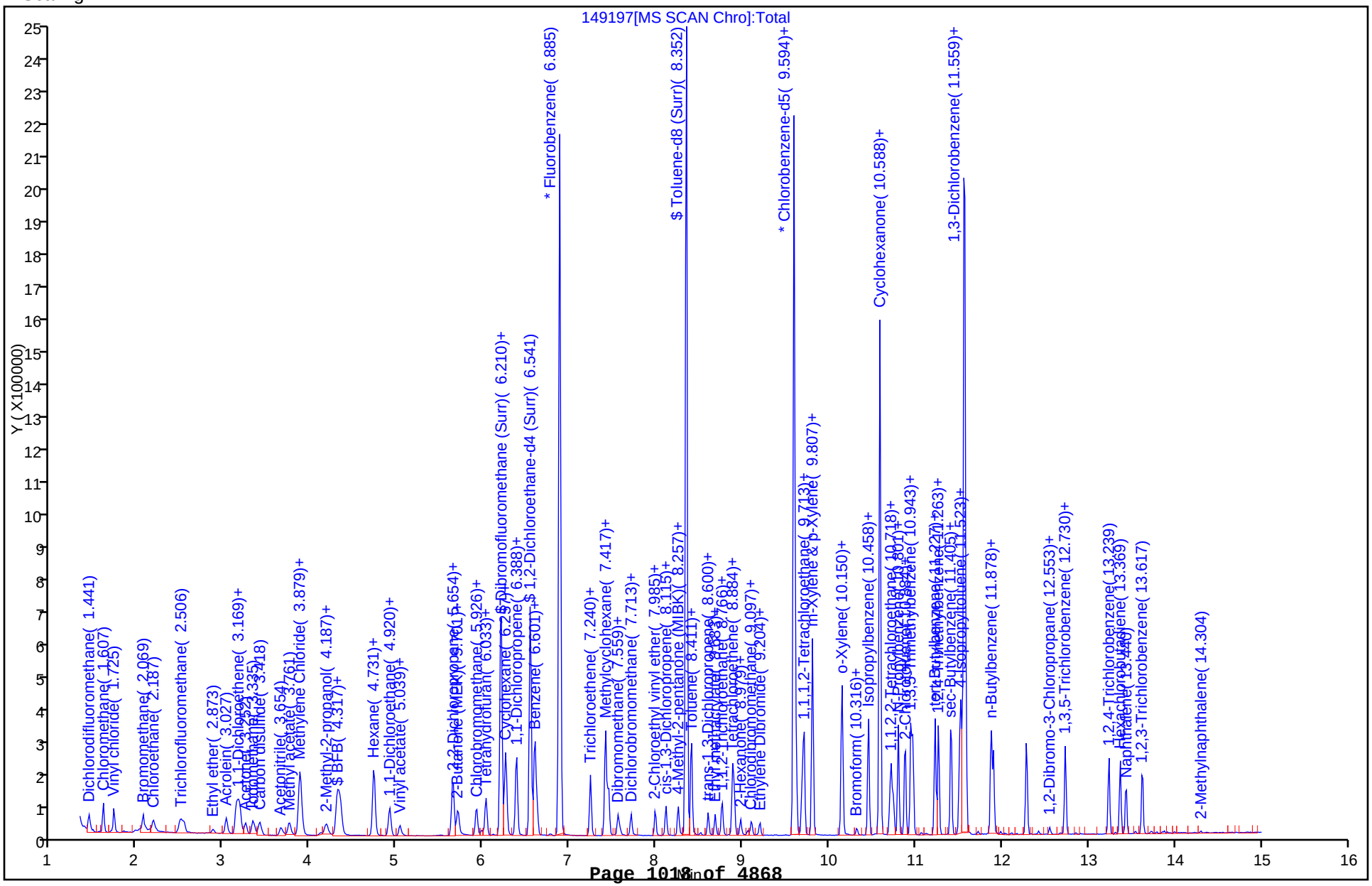
Report Date: 16-Nov-2012 09:58:20 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121115-14986.b\149197.D

Injection Date:	15-Nov-2012 21:17:30	Limit Group:	MSV 8260DOD ICAL
Client ID:		Instrument ID:	A3UX14
Lims Batch ID:	65171	Lims Sample ID:	29
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: 068SS-0003M-0001-SO MS | Lab Sample ID: 240-17317-7 MS

Matrix: Solid | Lab File ID: 149157.D

Analysis Method: 8260B/DoD | Date Collected: 11/06/2012 12:00

Sample wt/vol: 5.911(g) | Date Analyzed: 11/14/2012 19:24

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 12.3 | Level: (low/med) Low

Analysis Batch No.: 64980 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
67-64-1	Acetone	74.2		19	6.1	6.1
71-43-2	Benzene	40.1		4.8	0.48	0.22
74-97-5	Bromochloromethane	41.1		4.8	0.96	0.68
75-27-4	Bromodichloromethane	33.4	J	4.8	0.48	0.27
75-25-2	Bromoform	32.9		4.8	0.48	0.32
74-83-9	Bromomethane	38.6		4.8	0.96	0.52
78-93-3	2-Butanone (MEK)	83.1		19	1.9	1.4
75-15-0	Carbon disulfide	30.6		4.8	0.48	0.42
56-23-5	Carbon tetrachloride	39.2		4.8	0.48	0.36
108-90-7	Chlorobenzene	27.7	J	4.8	0.48	0.32
75-00-3	Chloroethane	40.8		4.8	0.96	0.83
67-66-3	Chloroform	41.0		4.8	0.48	0.28
74-87-3	Chloromethane	44.4		4.8	0.48	0.40
10061-01-5	cis-1,3-Dichloropropene	32.8	J	4.8	0.48	0.33
124-48-1	Dibromochloromethane	34.1		4.8	0.96	0.53
106-93-4	1,2-Dibromoethane	40.7		4.8	0.96	0.48
75-34-3	1,1-Dichloroethane	44.2		4.8	0.48	0.35
107-06-2	1,2-Dichloroethane	43.2		4.8	0.48	0.33
75-35-4	1,1-Dichloroethene	44.1		4.8	0.96	0.50
540-59-0	1,2-Dichloroethene, Total	80.6		9.6	0.96	0.74
78-87-5	1,2-Dichloropropane	41.6		4.8	0.96	0.67
100-41-4	Ethylbenzene	25.8	J	4.8	0.48	0.25
591-78-6	2-Hexanone	96.3		19	0.96	0.61
75-09-2	Methylene Chloride	40.8		4.8	0.96	0.65
108-10-1	4-Methyl-2-pentanone (MIBK)	108		19	0.96	0.52
100-42-5	Styrene	25.8	J	4.8	0.48	0.14
79-34-5	1,1,2,2-Tetrachloroethane	43.9		4.8	0.48	0.33
127-18-4	Tetrachloroethene	29.9	J	4.8	0.96	0.50
108-88-3	Toluene	33.5	J	4.8	0.48	0.26
10061-02-6	trans-1,3-Dichloropropene	31.9		4.8	0.96	0.52
71-55-6	1,1,1-Trichloroethane	43.9		4.8	0.96	0.54
79-00-5	1,1,2-Trichloroethane	43.5		4.8	0.48	0.38
79-01-6	Trichloroethene	37.0		4.8	0.48	0.41
75-01-4	Vinyl chloride	43.7		4.8	0.48	0.38
1330-20-7	Xylenes, Total	75.7	J	9.6	1.4	0.65

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Client Sample ID: 068SS-0003M-0001-SO MS Lab Sample ID: 240-17317-7 MS

Matrix: Solid Lab File ID: 149157.D

Analysis Method: 8260B/DoD Date Collected: 11/06/2012 12:00

Sample wt/vol: 5.911(g) Date Analyzed: 11/14/2012 19:24

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 12.3 Level: (low/med) Low

Analysis Batch No.: 64980 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	103		85-120
1868-53-7	Dibromofluoromethane (Surr)	96		59-138
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		61-130
2037-26-5	Toluene-d8 (Surr)	98		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX14\20121114-14942.b\149157.D
Lims ID: 240-17317-F-7-A MS Client ID: 068SS-0003M-0002-SO
Inject. Date: 14-Nov-2012 19:24:30 Dil. Factor: 1.0000
Sample Type: MS
Sample ID: 240-17317-f-7-a ms
Misc. Info.: 240-0014942-022 =240-0014942-022
Operator: 002808 Instrument ID: A3UX14
Purge Vol: 5.000 mL ALS Bottle#: 21
Lims Batch ID: 64980 Lims Sample ID: 22
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX14\20121114-14942.b\8260_14.m
Last Update: 15-Nov-2012 10:40:32 Calib Date: 13-Nov-2012 22:59:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX14\20121113-14916.b\149122.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK015

First Level Reviewer: macenczaks Date: 15-Nov-2012 09:43:21

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	1433918	50.0	
* 2 Chlorobenzene-d5	117	9.594	9.594	0.0	98	844910	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.571	11.571	0.0	99	464777	50.0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	79	362994	48.0	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.542	6.542	0.0	94	415819	50.8	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	86	1238374	49.0	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	88	396879	51.5	
135 1,4-Dichlorobutane	1		0.000					
134 Chlorodifluoromethane TIC	1		0.000					
133 Benzyl chloride	126		0.000					
138 Butyl Methacrylate TIC	1		0.000					
136 Hexachloroethane TIC	1		0.000					
12 Dichlorodifluoromethane	85	1.442	1.442	0.0	87	373994	45.4	
13 Chloromethane	50	1.607	1.607	0.0	89	647224	46.1	
14 Vinyl chloride	62	1.737	1.737	0.0	83	498965	45.3	
15 Bromomethane	94	2.069	2.069	0.0	90	143383	40.0	
16 Chloroethane	64	2.187	2.187	0.0	93	267654	42.3	
17 Dichlorofluoromethane	67		2.447					9
18 Trichlorofluoromethane	101	2.507	2.507	0.0	86	479389	45.6	
19 Ethyl ether	59	2.873	2.873	0.0	97	333315	47.1	
25 Methylal	45		2.932					
20 Acrolein	56	3.027	3.027	0.0	89	18998	19.5	
21 1,1-Dichloroethene	96	3.146	3.146	0.0	83	377124	45.8	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	3.181	3.181	0.0	85	406889	51.7	
22 Acetone	43	3.252	3.252	0.0	97	168390	76.9	
24 Iodomethane	142	3.347	3.347	0.0	99	619722	42.2	
26 Carbon disulfide	76	3.418	3.418	0.0	98	758922	31.7	
27 Acetonitrile	41	3.666	3.666	0.0	94	112000	125.2	
29 3-Chloro-1-propene	76		3.690					9
28 Methyl acetate	43	3.761	3.761	0.0	98	444843	75.8	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
30 Methylene Chloride	84	3.891	3.891	0.0	88	395707	42.3	
31 2-Methyl-2-propanol	59	4.199	4.187	0.012	88	464063	1118.2	
32 Acrylonitrile	53	4.305	4.305	0.0	96	400026	144.2	
33 trans-1,2-Dichloroethene	96	4.317	4.317	0.0	89	387624	41.9	
34 Methyl tert-butyl ether	73	4.353	4.353	0.0	88	845745	45.2	
35 Hexane	86	4.743	4.743	0.0	96	104644	48.0	
36 1,1-Dichloroethane	63	4.920	4.921	0.0	86	812139	45.8	
39 2-Chloro-1,3-butadiene	53		5.039					9
37 Vinyl acetate	86		5.039					
38 Isopropyl ether	87	5.074	5.074	0.0	95	302534	41.7	
40 Tert-butyl ethyl ether	59		5.524					
61 Ethyl acrylate	55		5.605					9
43 2,2-Dichloropropane	77	5.642	5.642	0.0	69	281773	47.2	
42 cis-1,2-Dichloroethene	96	5.654	5.654	0.0	75	388607	41.7	
41 2-Butanone (MEK)	43	5.701	5.701	0.0	97	240486	86.2	
44 Propionitrile	54		5.761					
45 Ethyl acetate	43		5.796					9
46 Methacrylonitrile	41		5.926					
47 Chlorobromomethane	128	5.926	5.926	0.0	88	174522	42.6	
48 Tetrahydrofuran	42	5.985	5.985	0.0	89	103600	52.4	
49 Chloroform	83	6.033	6.033	0.0	84	631490	42.5	
50 1,1,1-Trichloroethane	97	6.210	6.210	0.0	89	519936	45.5	
51 Cyclohexane	56	6.258	6.258	0.0	95	986528	42.6	
52 1,1-Dichloropropene	75	6.388	6.388	0.0	83	485002	42.3	
53 Carbon tetrachloride	117	6.388	6.388	0.0	73	461665	40.6	
54 Isobutyl alcohol	41	6.589	6.589	0.0	91	595327	2860.2	
55 Benzene	78	6.601	6.601	0.0	96	1326630	41.5	
56 1,2-Dichloroethane	62	6.624	6.624	0.0	87	512397	44.7	
57 Tert-amyl methyl ether	73		6.743					9
58 n-Heptane	100		6.897					
59 n-Butanol	56		7.228					
60 Trichloroethene	130	7.240	7.240	0.0	91	347116	38.4	
80 Tetrahydrothiophene	60		7.255					9
63 Methylcyclohexane	83	7.417	7.417	0.0	97	716564	40.7	
62 1,2-Dichloropropane	63	7.453	7.453	0.0	87	347585	43.1	
65 Dibromomethane	93	7.559	7.559	0.0	92	154885	44.2	
64 Methyl methacrylate	41		7.583					9
66 1,4-Dioxane	88		7.583					19
67 Dichlorobromomethane	83	7.713	7.713	0.0	91	295498	34.6	
68 2-Nitropropane	41		7.914					
69 2-Chloroethyl vinyl ether	63	7.997	7.997	0.0	88	103209	46.6	
70 cis-1,3-Dichloropropene	75	8.115	8.115	0.0	83	285691	34.0	
71 4-Methyl-2-pentanone (MIBK)	43	8.257	8.257	0.0	99	583427	112.0	
72 Toluene	91	8.411	8.411	0.0	97	1030564	34.7	
73 trans-1,3-Dichloropropene	75	8.601	8.601	0.0	90	214118	33.0	
74 Ethyl methacrylate	69		8.683					9
75 1,1,2-Trichloroethane	97	8.766	8.766	0.0	89	181968	45.1	
77 Tetrachloroethene	164	8.885	8.885	0.0	90	209706	31.0	
76 1,3-Dichloropropane	76	8.908	8.908	0.0	94	299789	42.5	
78 2-Hexanone	43	8.979	8.979	0.0	97	270896	99.9	
132 n-Butyl acetate	43		9.086					14
79 Chlorodibromomethane	129	9.109	9.109	0.0	87	155550	35.3	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
123 Ethylene Dibromide	107	9.204	9.204	0.0	99	165840	42.2	
81 1-Chlorohexane	91		9.594					9
82 Chlorobenzene	112	9.618	9.618	0.0	90	559844	28.7	
83 1,1,1,2-Tetrachloroethane	131	9.689	9.689	0.0	87	238383	32.9	
84 Ethylbenzene	106	9.713	9.713	0.0	98	280643	26.7	
10 m-Xylene & p-Xylene	106	9.807	9.807	0.0	98	662020	51.4	
85 o-Xylene	106	10.151	10.151	0.0	95	371966	27.1	
86 Styrene	104	10.162	10.162	0.0	95	471028	26.8	
87 Bromoform	173	10.316	10.328	-0.012	95	72925	34.1	
88 Isopropylbenzene	105	10.458	10.458	0.0	96	876484	23.6	
89 Cyclohexanone	55	10.541	10.541	0.0	96	288087	237.5	
90 1,1,2,2-Tetrachloroethane	83	10.707	10.707	0.0	89	211490	45.6	
91 Bromobenzene	156	10.719	10.719	0.0	93	204698	27.2	
92 1,2,3-Trichloropropane	110	10.742	10.742	0.0	81	69312	44.8	
93 trans-1,4-Dichloro-2-butene	53	10.754	10.754	0.0	67	114749	73.0	
94 N-Propylbenzene	120	10.801	10.801	0.0	96	192212	21.1	
95 2-Chlorotoluene	126	10.884	10.884	0.0	97	192536	23.3	
96 1,3,5-Trimethylbenzene	105	10.943	10.943	0.0	94	620140	21.4	
104 4-Chlorotoluene	126	10.967	10.967	0.0	98	158339	20.0	
97 tert-Butylbenzene	119	11.227	11.227	0.0	89	600923	21.6	
98 1,2,4-Trimethylbenzene	105	11.263	11.263	0.0	95	566571	19.9	
99 sec-Butylbenzene	105	11.405	11.417	-0.012	96	684067	18.2	
100 1,3-Dichlorobenzene	146	11.511	11.511	0.0	79	316437	19.3	
101 4-Isopropyltoluene	119	11.523	11.535	-0.012	92	515794	15.7	
102 1,4-Dichlorobenzene	146	11.582	11.582	0.0	89	311851	18.4	
103 1,2,3-Trimethylbenzene	105	11.618	11.630	-0.012	87	630527	22.6	
105 n-Butylbenzene	91	11.878	11.878	0.0	93	354032	12.9	
106 1,2-Dichlorobenzene	146	11.902	11.902	0.0	97	333138	21.1	
107 1,2-Dibromo-3-Chloropropane	157	12.553	12.553	0.0	70	30515	40.9	
108 1,3,5-Trichlorobenzene	180		12.730					9
109 1,2,4-Trichlorobenzene	180	13.239	13.239	0.0	93	151292	13.6	
110 Hexachlorobutadiene	225	13.369	13.369	0.0	93	53762	8.82	
111 Naphthalene	128	13.440	13.440	0.0	97	438019	22.9	
112 1,2,3-Trichlorobenzene	180	13.630	13.630	0.0	94	140887	15.2	
113 2-Methylnaphthalene	142		14.304					9
A 140 C6-C10	1	7.589	3.915 - 11.263		0	92020285	0	
A 139 C6-C12	1	8.388	3.915 - 12.860		0	100883078	0	
S 137 Trihalomethanes, Total	1				0		146.5	
S 11 1,2-Dichloroethene, Total	96				0		83.6	
S 9 1,3-Dichloropropene, Total	75				0		67.1	
S 114 Xylenes, Total	106				0		78.4	

QC Flag Legend

Processing Flags
1 - Missing Peaks
4 - Failed Signal Ratio Test
9 - Failed A Reference Spectral Test

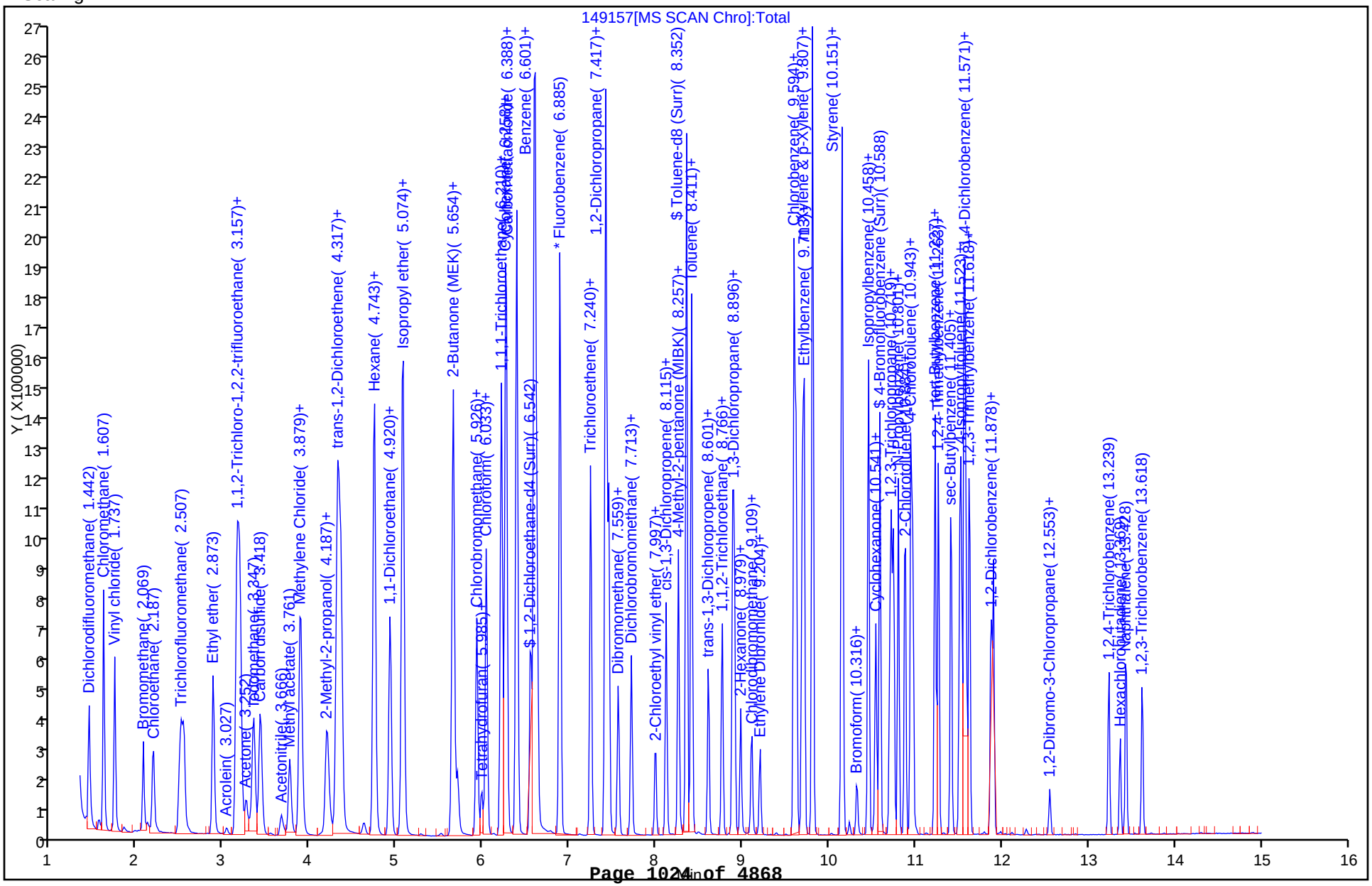
Report Date: 16-Nov-2012 16:03:45 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121114-14942.b\149157.D

Injection Date:	14-Nov-2012 19:24:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	068SS-0003M-0002-SO	Instrument ID:	A3UX14
Lims Batch ID:	64980	Lims Sample ID:	22
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: 068SS-0003M-0001-SO MSD | Lab Sample ID: 240-17317-7 MSD

Matrix: Solid | Lab File ID: 149158.D

Analysis Method: 8260B/DoD | Date Collected: 11/06/2012 12:00

Sample wt/vol: 6.307(g) | Date Analyzed: 11/14/2012 19:45

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: DB-624 ID: 0.18(mm)

% Moisture: 12.3 | Level: (low/med) Low

Analysis Batch No.: 64980 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
67-64-1	Acetone	88.1		18	5.7	5.7
71-43-2	Benzene	39.4		4.5	0.45	0.21
74-97-5	Bromochloromethane	40.5		4.5	0.90	0.64
75-27-4	Bromodichloromethane	34.5		4.5	0.45	0.25
75-25-2	Bromoform	34.8		4.5	0.45	0.30
74-83-9	Bromomethane	36.3		4.5	0.90	0.49
78-93-3	2-Butanone (MEK)	89.1		18	1.8	1.3
75-15-0	Carbon disulfide	30.9		4.5	0.45	0.40
56-23-5	Carbon tetrachloride	37.8		4.5	0.45	0.33
108-90-7	Chlorobenzene	30.4	J	4.5	0.45	0.30
75-00-3	Chloroethane	38.0		4.5	0.90	0.78
67-66-3	Chloroform	39.9		4.5	0.45	0.26
74-87-3	Chloromethane	41.4		4.5	0.45	0.37
10061-01-5	cis-1,3-Dichloropropene	34.3		4.5	0.45	0.31
124-48-1	Dibromochloromethane	36.6		4.5	0.90	0.50
106-93-4	1,2-Dibromoethane	42.4		4.5	0.90	0.45
75-34-3	1,1-Dichloroethane	42.7		4.5	0.45	0.33
107-06-2	1,2-Dichloroethane	41.7		4.5	0.45	0.31
75-35-4	1,1-Dichloroethene	40.6		4.5	0.90	0.47
540-59-0	1,2-Dichloroethene, Total	78.7		9.0	0.90	0.70
78-87-5	1,2-Dichloropropane	40.9		4.5	0.90	0.62
100-41-4	Ethylbenzene	29.7	J	4.5	0.45	0.24
591-78-6	2-Hexanone	94.4		18	0.90	0.57
75-09-2	Methylene Chloride	39.1		4.5	0.90	0.61
108-10-1	4-Methyl-2-pentanone (MIBK)	102		18	0.90	0.49
100-42-5	Styrene	29.9	J	4.5	0.45	0.14
79-34-5	1,1,2,2-Tetrachloroethane	44.8		4.5	0.45	0.31
127-18-4	Tetrachloroethene	32.5		4.5	0.90	0.47
108-88-3	Toluene	35.2		4.5	0.45	0.24
10061-02-6	trans-1,3-Dichloropropene	33.7		4.5	0.90	0.49
71-55-6	1,1,1-Trichloroethane	42.0		4.5	0.90	0.51
79-00-5	1,1,2-Trichloroethane	43.4		4.5	0.45	0.35
79-01-6	Trichloroethene	37.3		4.5	0.45	0.38
75-01-4	Vinyl chloride	40.1		4.5	0.45	0.35
1330-20-7	Xylenes, Total	87.3	J	9.0	1.4	0.61

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Client Sample ID: 068SS-0003M-0001-SO MSD Lab Sample ID: 240-17317-7 MSD

Matrix: Solid Lab File ID: 149158.D

Analysis Method: 8260B/DoD Date Collected: 11/06/2012 12:00

Sample wt/vol: 6.307(g) Date Analyzed: 11/14/2012 19:45

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: DB-624 ID: 0.18(mm)

% Moisture: 12.3 Level: (low/med) Low

Analysis Batch No.: 64980 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
460-00-4	4-Bromofluorobenzene (Surr)	101		85-120
1868-53-7	Dibromofluoromethane (Surr)	89		59-138
17060-07-0	1,2-Dichloroethane-d4 (Surr)	94		61-130
2037-26-5	Toluene-d8 (Surr)	94		85-115

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\NCChrom\ChromData\A3UX14\20121114-14942.b\149158.D
Lims ID: 240-17317-H-7-A MSD Client ID: 068SS-0003M-0002-SO
Inject. Date: 14-Nov-2012 19:45:30 Dil. Factor: 1.0000
Sample Type: MSD
Sample ID: 240-17317-h-7-a msd
Misc. Info.: 240-0014942-023 =240-0014942-023
Operator: 002808 Instrument ID: A3UX14
Purge Vol: 5.000 mL ALS Bottle#: 22
Lims Batch ID: 64980 Lims Sample ID: 23
Detector: MS SCAN

Method: \\NCChrom\ChromData\A3UX14\20121114-14942.b\8260_14.m
Last Update: 15-Nov-2012 10:40:32 Calib Date: 13-Nov-2012 22:59:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\NCChrom\ChromData\A3UX14\20121113-14916.b\149122.D
Limit Group: MSV 8260DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: DB-624 Column Dia: 0.18 mm
Process Host: XAWRK015

First Level Reviewer: macenczaks Date: 15-Nov-2012 09:47:57

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
* 1 Fluorobenzene	96	6.885	6.885	0.0	99	1500938	50.0	
* 2 Chlorobenzene-d5	117	9.594	9.594	0.0	98	879184	50.0	
* 3 1,4-Dichlorobenzene-d4	152	11.570	11.571	-0.001	98	469993	50.0	
$ 5 Dibromofluoromethane (Surr)	113	6.210	6.210	0.0	65	353899	44.7	
$ 6 1,2-Dichloroethane-d4 (Surr)	65	6.541	6.542	-0.001	94	404261	47.1	
$ 7 Toluene-d8 (Surr)	98	8.352	8.352	0.0	86	1243958	47.2	
$ 131 4-Bromofluorobenzene (Surr)	95	10.588	10.588	0.0	87	393281	50.5	
135 1,4-Dichlorobutane	1		0.000					
134 Chlorodifluoromethane TIC	1		0.000					
133 Benzyl chloride	126		0.000					
138 Butyl Methacrylate TIC	1		0.000					
136 Hexachloroethane TIC	1		0.000					
12 Dichlorodifluoromethane	85	1.441	1.442	-0.001	86	379537	44.0	
13 Chloromethane	50	1.607	1.607	0.0	89	673161	45.8	
14 Vinyl chloride	62	1.737	1.737	0.0	83	510955	44.3	
15 Bromomethane	94	2.069	2.069	0.0	90	150352	40.1	
16 Chloroethane	64	2.175	2.187	-0.012	94	278772	42.1	
17 Dichlorofluoromethane	67		2.447					9
18 Trichlorofluoromethane	101	2.506	2.507	-0.001	86	486853	44.2	
19 Ethyl ether	59	2.873	2.873	0.0	98	359039	48.5	
25 Methylal	45		2.932					
20 Acrolein	56	3.027	3.027	0.0	90	65972	64.7	
21 1,1-Dichloroethene	96	3.145	3.146	-0.001	84	387282	44.9	
23 1,1,2-Trichloro-1,2,2-trifluoroe	151	3.181	3.181	0.0	84	411205	49.9	
22 Acetone	43	3.252	3.252	0.0	97	219717	97.5	
24 Iodomethane	142	3.347	3.347	0.0	99	681698	44.4	
26 Carbon disulfide	76	3.418	3.418	0.0	98	858514	34.2	
27 Acetonitrile	41	3.666	3.666	0.0	99	134278	143.4	
29 3-Chloro-1-propene	76		3.690					
28 Methyl acetate	43	3.761	3.761	0.0	100	399127	65.0	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
30 Methylene Chloride	84	3.879	3.891	-0.012	88	422154	43.3	
31 2-Methyl-2-propanol	59	4.199	4.187	0.011	87	459686	1058.2	
32 Acrylonitrile	53	4.293	4.305	-0.012	97	426512	146.9	
33 trans-1,2-Dichloroethene	96	4.317	4.317	0.0	88	416344	43.0	
34 Methyl tert-butyl ether	73	4.352	4.353	-0.001	88	927832	47.4	
35 Hexane	86	4.743	4.743	0.0	96	111689	49.0	
36 1,1-Dichloroethane	63	4.920	4.921	0.0	86	876947	47.2	
39 2-Chloro-1,3-butadiene	53		5.039					9
37 Vinyl acetate	86	5.039	5.039	0.0	96	18238	22.4	
38 Isopropyl ether	87	5.074	5.074	0.0	96	340648	44.9	
40 Tert-butyl ethyl ether	59		5.524					
61 Ethyl acrylate	55		5.605					
43 2,2-Dichloropropane	77	5.642	5.642	0.0	74	295641	47.3	
42 cis-1,2-Dichloroethene	96	5.654	5.654	0.0	75	429231	44.0	
41 2-Butanone (MEK)	43	5.701	5.701	0.0	96	287272	98.6	
44 Propionitrile	54		5.761					
45 Ethyl acetate	43		5.796					9
46 Methacrylonitrile	41		5.926					9
47 Chlorobromomethane	128	5.926	5.926	0.0	88	192301	44.8	
48 Tetrahydrofuran	42	5.985	5.985	0.0	93	110969	53.6	
49 Chloroform	83	6.033	6.033	0.0	84	686424	44.1	
50 1,1,1-Trichloroethane	97	6.210	6.210	0.0	88	554982	46.4	
51 Cyclohexane	56	6.257	6.258	-0.001	95	1038529	42.9	
52 1,1-Dichloropropene	75	6.388	6.388	0.0	83	533222	44.5	
53 Carbon tetrachloride	117	6.388	6.388	0.0	74	497261	41.8	
54 Isobutyl alcohol	41	6.589	6.589	0.0	92	623582	2862.2	
55 Benzene	78	6.601	6.601	0.0	96	1455432	43.5	
56 1,2-Dichloroethane	62	6.624	6.624	0.0	85	553049	46.1	
57 Tert-amyl methyl ether	73		6.743					
58 n-Heptane	100		6.897					
59 n-Butanol	56		7.228					9
60 Trichloroethene	130	7.240	7.240	0.0	91	390509	41.2	
80 Tetrahydrothiophene	60		7.255					9
63 Methylcyclohexane	83	7.417	7.417	0.0	96	774521	42.0	
62 1,2-Dichloropropane	63	7.453	7.453	0.0	88	381702	45.2	
65 Dibromomethane	93	7.559	7.559	0.0	90	169966	46.4	
64 Methyl methacrylate	41		7.583					9
66 1,4-Dioxane	88		7.583					19
67 Dichlorobromomethane	83	7.713	7.713	0.0	91	342114	38.2	
68 2-Nitropropane	41		7.914					
69 2-Chloroethyl vinyl ether	63	7.997	7.997	0.0	92	115612	49.7	
70 cis-1,3-Dichloropropene	75	8.115	8.115	0.0	83	336367	38.0	
71 4-Methyl-2-pentanone (MIBK)	43	8.257	8.257	0.0	99	609607	112.4	
72 Toluene	91	8.411	8.411	0.0	91	1203260	38.9	
73 trans-1,3-Dichloropropene	75	8.600	8.601	-0.001	90	252333	37.3	
74 Ethyl methacrylate	69		8.683					9
75 1,1,2-Trichloroethane	97	8.766	8.766	0.0	89	201788	48.0	
77 Tetrachloroethene	164	8.884	8.885	-0.001	91	253043	35.9	
76 1,3-Dichloropropane	76	8.908	8.908	0.0	93	334839	45.6	
78 2-Hexanone	43	8.979	8.979	0.0	98	294762	104.4	
132 n-Butyl acetate	43		9.086					
79 Chlorodibromomethane	129	9.109	9.109	0.0	87	187614	40.5	

Compound	Sig	RT	EXP RT	DLT RT	Q	Response	On-Col Amt ug/l	Flags
123 Ethylene Dibromide	107	9.204	9.204	0.0	99	191592	46.8	
81 1-Chlorohexane	91		9.594					9
82 Chlorobenzene	112	9.618	9.618	0.0	91	681579	33.6	
83 1,1,1,2-Tetrachloroethane	131	9.689	9.689	0.0	87	291748	38.6	
84 Ethylbenzene	106	9.713	9.713	0.0	98	358881	32.8	
10 m-Xylene & p-Xylene	106	9.807	9.807	0.0	98	854173	63.7	
85 o-Xylene	106	10.150	10.151	-0.001	88	469489	32.8	
86 Styrene	104	10.162	10.162	0.0	94	605338	33.1	
87 Bromoform	173	10.316	10.328	-0.012	96	87048	38.5	
88 Isopropylbenzene	105	10.458	10.458	0.0	96	1157338	29.9	
89 Cyclohexanone	55	10.541	10.541	0.0	93	358956	284.3	
90 1,1,2,2-Tetrachloroethane	83	10.707	10.707	0.0	88	232637	49.6	
91 Bromobenzene	156	10.718	10.719	-0.001	93	261748	34.3	
92 1,2,3-Trichloropropane	110	10.742	10.742	0.0	82	77466	49.5	
93 trans-1,4-Dichloro-2-butene	53	10.754	10.754	0.0	70	138684	87.2	
94 N-Propylbenzene	120	10.801	10.801	0.0	97	271754	29.5	
95 2-Chlorotoluene	126	10.884	10.884	0.0	97	253863	30.3	
96 1,3,5-Trimethylbenzene	105	10.943	10.943	0.0	93	857929	29.3	
104 4-Chlorotoluene	126	10.967	10.967	0.0	98	220395	27.5	
97 tert-Butylbenzene	119	11.227	11.227	0.0	86	821680	29.2	
98 1,2,4-Trimethylbenzene	105	11.263	11.263	0.0	96	813862	28.2	
99 sec-Butylbenzene	105	11.417	11.417	0.0	94	991294	26.0	
100 1,3-Dichlorobenzene	146	11.511	11.511	0.0	83	440696	26.6	
101 4-Isopropyltoluene	119	11.535	11.535	0.0	91	833707	25.1	
102 1,4-Dichlorobenzene	146	11.582	11.582	0.0	90	425503	24.8	
103 1,2,3-Trimethylbenzene	105	11.618	11.630	-0.012	88	858543	30.5	
105 n-Butylbenzene	91	11.878	11.878	0.0	94	565358	20.3	
106 1,2-Dichlorobenzene	146	11.902	11.902	0.0	96	442922	27.7	
107 1,2-Dibromo-3-Chloropropane	157	12.553	12.553	0.0	66	31993	42.3	
108 1,3,5-Trichlorobenzene	180		12.730					9
109 1,2,4-Trichlorobenzene	180	13.239	13.239	0.0	93	220403	19.5	
110 Hexachlorobutadiene	225	13.369	13.369	0.0	95	88411	14.3	
111 Naphthalene	128	13.440	13.440	0.0	97	532962	27.5	
112 1,2,3-Trichlorobenzene	180	13.629	13.630	-0.001	93	189292	20.2	
113 2-Methylnaphthalene	142		14.304					9
A 140 C6-C10	1	7.589	3.915 - 11.263		0	106319703	0	
A 139 C6-C12	1	8.388	3.915 - 12.860		0	120971166	0	
S 137 Trihalomethanes, Total	1				0		161.3	
S 11 1,2-Dichloroethene, Total	96				0		87.0	
S 9 1,3-Dichloropropene, Total	75				0		75.2	
S 114 Xylenes, Total	106				0		96.5	

QC Flag Legend

Processing Flags
1 - Missing Peaks
9 - Failed A Reference Spectral Test

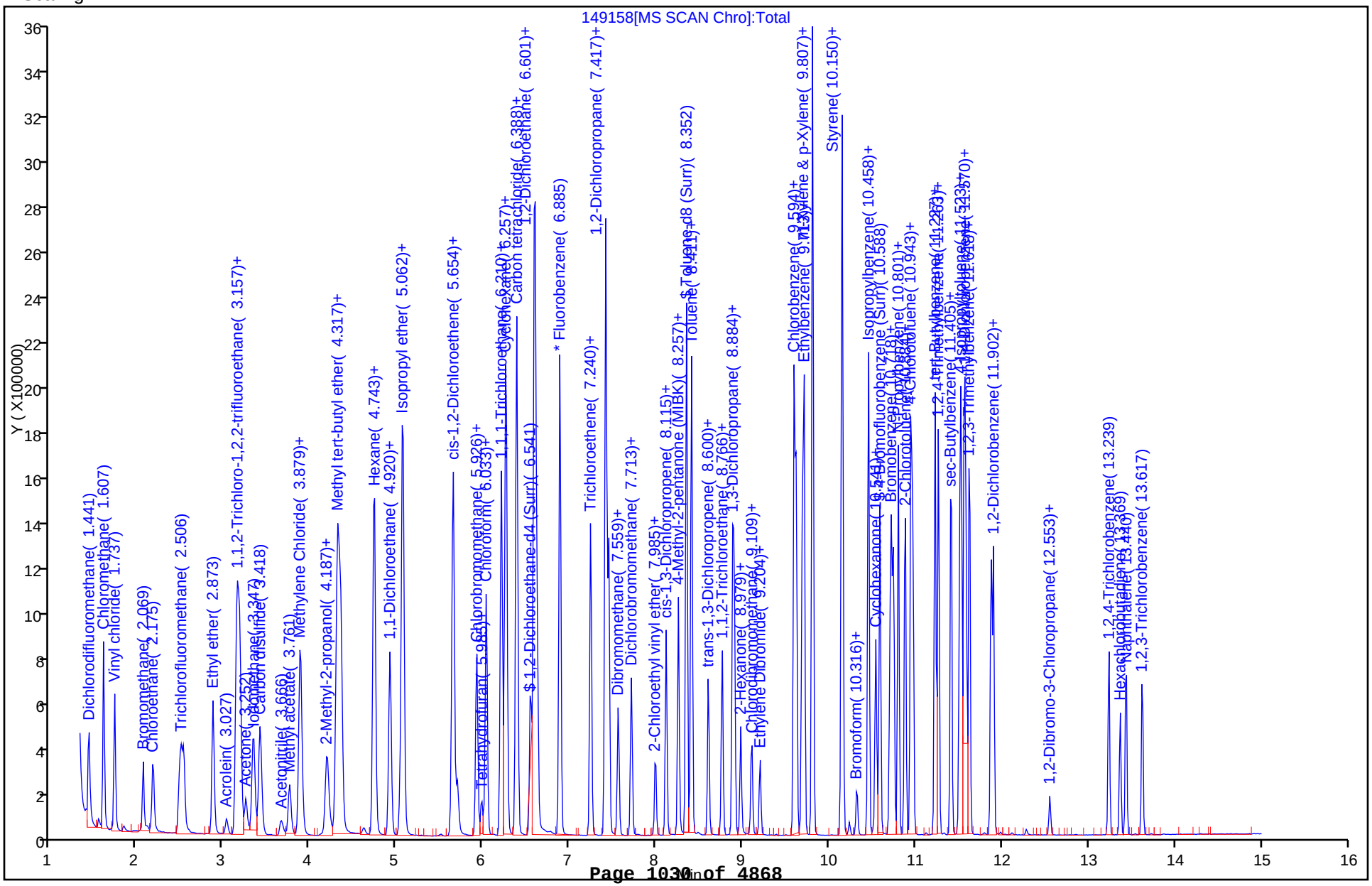
Report Date: 16-Nov-2012 16:03:45 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\NCChrom\ChromData\A3UX14\20121114-14942.b\149158.D

Injection Date:	14-Nov-2012 19:45:30	Limit Group:	MSV 8260DOD ICAL
Client ID:	068SS-0003M-0002-SO	Instrument ID:	A3UX14
Lims Batch ID:	64980	Lims Sample ID:	23
Operator ID:	002808	Purge Vol:	5.000 mL
Column Type:	DB-624	Column Dia:	0.18 mm

Y Scaling:



GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Instrument ID: A3UX10 Start Date: 11/12/2012 13:44

Analysis Batch Number: 64678 End Date: 11/12/2012 19:38

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 240-64678/1		11/12/2012 13:44	1	BFB5043.D	DB-624 0.18(mm)
STD8260 240-64678/2 IC		11/12/2012 15:10	1	UXX0846.D	DB-624 0.18(mm)
STD8260 240-64678/3 IC		11/12/2012 15:33	1	UXX0847.D	DB-624 0.18(mm)
STD8260 240-64678/4 ICIS		11/12/2012 15:55	1	UXX0848.D	DB-624 0.18(mm)
STD8260 240-64678/5 IC		11/12/2012 16:17	1	UXX0849.D	DB-624 0.18(mm)
STD8260 240-64678/6 IC		11/12/2012 16:40	1	UXX0850.D	DB-624 0.18(mm)
STD8260 240-64678/7 IC		11/12/2012 17:02	1	UXX0851.D	DB-624 0.18(mm)
STDA9 240-64678/8 IC		11/12/2012 17:24	1	UXX0852.D	DB-624 0.18(mm)
STDA9 240-64678/9 IC		11/12/2012 17:46	1	UXX0853.D	DB-624 0.18(mm)
STDA9 240-64678/10 IC		11/12/2012 18:09	1	UXX0854.D	DB-624 0.18(mm)
STDA9 240-64678/11 IC		11/12/2012 18:31	1	UXX0855.D	DB-624 0.18(mm)
STDA9 240-64678/12 IC		11/12/2012 18:53	1	UXX0856.D	DB-624 0.18(mm)
STDA9 240-64678/13 IC		11/12/2012 19:16	1	UXX0857.D	DB-624 0.18(mm)
ICV 240-64678/14		11/12/2012 19:38	1	UXX0858.D	DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Instrument ID: A3UX10 Start Date: 11/13/2012 10:58

Analysis Batch Number: 64831 End Date: 11/13/2012 15:27

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 240-64831/1		11/13/2012 10:58	1	BFB5045.D	DB-624 0.18(mm)
CCV 240-64831/2		11/13/2012 11:25	1	UXX0862.D	DB-624 0.18(mm)
CCV 240-64831/3		11/13/2012 11:47	1	UXX0863.D	DB-624 0.18(mm)
LCS 240-64831/4		11/13/2012 12:10	1	UXX0864.D	DB-624 0.18(mm)
MRL 240-64831/5		11/13/2012 12:33	1	UXX0865.D	DB-624 0.18(mm)
MB 240-64831/6		11/13/2012 12:55	1	UXX0866.D	DB-624 0.18(mm)
ZZZZZ		11/13/2012 13:37	1		DB-624 0.18(mm)
240-17317-25	076SS-0027-0001-TB	11/13/2012 13:59	1	UXX0868.D	DB-624 0.18(mm)
ZZZZZ		11/13/2012 14:20	1		DB-624 0.18(mm)
ZZZZZ		11/13/2012 14:43	1		DB-624 0.18(mm)
ZZZZZ		11/13/2012 15:05	1		DB-624 0.18(mm)
MRL 240-64831/12		11/13/2012 15:27	1	UXX0872.D	DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Instrument ID: A3UX14 Start Date: 11/13/2012 16:10

Analysis Batch Number: 64859 End Date: 11/14/2012 00:47

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 240-64859/27		11/13/2012 16:10	1	BFB14279.D	DB-624 0.18(mm)
IC 240-64859/3		11/13/2012 16:53	1	149105.D	DB-624 0.18(mm)
IC 240-64859/4		11/13/2012 17:15	1	149106.D	DB-624 0.18(mm)
IC 240-64859/5		11/13/2012 17:36	1	149107.D	DB-624 0.18(mm)
ICIS 240-64859/6		11/13/2012 17:58	1	149108.D	DB-624 0.18(mm)
IC 240-64859/7		11/13/2012 18:19	1	149109.D	DB-624 0.18(mm)
IC 240-64859/8		11/13/2012 18:41	1	149110.D	DB-624 0.18(mm)
IC 240-64859/9		11/13/2012 19:02	1	149111.D	DB-624 0.18(mm)
IC 240-64859/10		11/13/2012 19:24	1	149112.D	DB-624 0.18(mm)
IC 240-64859/11		11/13/2012 19:45	1	149113.D	DB-624 0.18(mm)
IC 240-64859/12		11/13/2012 20:07	1		DB-624 0.18(mm)
IC 240-64859/13		11/13/2012 20:28	1		DB-624 0.18(mm)
IC 240-64859/14		11/13/2012 20:50	1		DB-624 0.18(mm)
IC 240-64859/15		11/13/2012 21:12	1		DB-624 0.18(mm)
IC 240-64859/16		11/13/2012 21:33	1		DB-624 0.18(mm)
IC 240-64859/17		11/13/2012 21:55	1		DB-624 0.18(mm)
IC 240-64859/18		11/13/2012 22:16	1		DB-624 0.18(mm)
IC 240-64859/19		11/13/2012 22:38	1		DB-624 0.18(mm)
IC 240-64859/20		11/13/2012 22:59	1		DB-624 0.18(mm)
ICV 240-64859/21		11/13/2012 23:21	1	149123.D	DB-624 0.18(mm)
ZZZZZ		11/13/2012 23:42	1		DB-624 0.18(mm)
ZZZZZ		11/14/2012 00:04	1		DB-624 0.18(mm)
ZZZZZ		11/14/2012 00:25	1		DB-624 0.18(mm)
ZZZZZ		11/14/2012 00:47	1		DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Instrument ID: A3UX14 Start Date: 11/14/2012 11:52

Analysis Batch Number: 64980 End Date: 11/14/2012 23:21

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 240-64980/1		11/14/2012 11:52	1	BFB14280.D	DB-624 0.18(mm)
CCV 240-64980/3		11/14/2012 12:35	1	149138.D	DB-624 0.18(mm)
CCV 240-64980/4		11/14/2012 12:57	1	149139.D	DB-624 0.18(mm)
MRL 240-64980/5		11/14/2012 13:18	1	149140.D	DB-624 0.18(mm)
LCS 240-64980/7		11/14/2012 14:01	1	149142.D	DB-624 0.18(mm)
MB 240-64980/8		11/14/2012 14:23	1	149143.D	DB-624 0.18(mm)
240-17317-2	076SS-0001M-0001-SO	11/14/2012 17:58	1	149153.D	DB-624 0.18(mm)
240-17317-4	076SS-0006M-0001-SO	11/14/2012 18:41	1	149155.D	DB-624 0.18(mm)
240-17317-7	068SS-0003M-0001-SO	11/14/2012 19:02	1	149156.D	DB-624 0.18(mm)
240-17317-7 MS	068SS-0003M-0001-SO MS	11/14/2012 19:24	1	149157.D	DB-624 0.18(mm)
240-17317-7 MSD	068SS-0003M-0001-SO MSD	11/14/2012 19:45	1	149158.D	DB-624 0.18(mm)
240-17317-8	068SS-0004M-0001-SO	11/14/2012 20:07	1	149159.D	DB-624 0.18(mm)
240-17317-9	076SS-0004M-0001-SO	11/14/2012 20:29	1	149160.D	DB-624 0.18(mm)
240-17317-10	076SS-0003M-0001-SO	11/14/2012 20:50	1	149161.D	DB-624 0.18(mm)
ZZZZZ		11/14/2012 21:12	1		DB-624 0.18(mm)
ZZZZZ		11/14/2012 21:33	1		DB-624 0.18(mm)
ZZZZZ		11/14/2012 22:38	1		DB-624 0.18(mm)
ZZZZZ		11/14/2012 22:59	1		DB-624 0.18(mm)
MRL 240-64980/33		11/14/2012 23:21	1	149168.D	DB-624 0.18(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Instrument ID: A3UX14 Start Date: 11/15/2012 10:54

Analysis Batch Number: 65171 End Date: 11/15/2012 21:17

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 240-65171/1		11/15/2012 10:54	1	BFB14281.D	DB-624 0.18(mm)
CCV 240-65171/3		11/15/2012 11:37	1	149171.D	DB-624 0.18(mm)
CCV 240-65171/4		11/15/2012 11:58	1	149172.D	DB-624 0.18(mm)
MRL 240-65171/5		11/15/2012 12:20	1	149173.D	DB-624 0.18(mm)
LCS 240-65171/7		11/15/2012 13:03	1	149175.D	DB-624 0.18(mm)
MB 240-65171/8		11/15/2012 13:25	1	149176.D	DB-624 0.18(mm)
240-17317-1	076SS-0002M-0001-SO	11/15/2012 14:08	1	149178.D	DB-624 0.18(mm)
240-17317-3	076SS-0005M-0001-SO	11/15/2012 14:30	1	149179.D	DB-624 0.18(mm)
ZZZZZ		11/15/2012 15:13	1		DB-624 0.18(mm)
ZZZZZ		11/15/2012 15:34	1		DB-624 0.18(mm)
ZZZZZ		11/15/2012 15:56	1		DB-624 0.18(mm)
ZZZZZ		11/15/2012 16:39	1		DB-624 0.18(mm)
ZZZZZ		11/15/2012 17:01	1		DB-624 0.18(mm)
ZZZZZ		11/15/2012 17:22	1		DB-624 0.18(mm)
ZZZZZ		11/15/2012 17:44	1		DB-624 0.18(mm)
ZZZZZ		11/15/2012 18:05	1		DB-624 0.18(mm)
ZZZZZ		11/15/2012 18:27	1		DB-624 0.18(mm)
ZZZZZ		11/15/2012 18:48	1		DB-624 0.18(mm)
ZZZZZ		11/15/2012 19:10	1		DB-624 0.18(mm)
ZZZZZ		11/15/2012 19:31	1		DB-624 0.18(mm)
ZZZZZ		11/15/2012 19:53	1		DB-624 0.18(mm)
ZZZZZ		11/15/2012 20:36	1		DB-624 0.18(mm)
MRL 240-65171/29		11/15/2012 21:17	1	149197.D	DB-624 0.18(mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Batch Number: 64810 Batch Start Date: 11/13/12 11:35 Batch Analyst: Mancine, Louis

Batch Method: 5035 Batch End Date: 11/13/12 12:31

Lab Sample ID	Client Sample ID	Method Chain	Basis	TareWeight	Vial&SampleWt	InitialAmount	FinalAmount	AnalysisComment	
240-17317-C-1	076SS-0002M-0001-SO	5035, 8260B/DoD	T	+029.951 g	35.88 g	5.929 g	5 mL	Preserved on 11/07/2012 @19:25	
240-17317-B-2	076SS-0001M-0001-SO	5035, 8260B/DoD	T	+029.899 g	36.26 g	6.361 g	5 mL	Preserved on 11/07/2012 @19:25	
240-17317-C-3	076SS-0005M-0001-SO	5035, 8260B/DoD	T	+029.808 g	33.96 g	4.152 g	5 mL	Preserved on 11/07/2012 @19:25	
240-17317-B-4	076SS-0006M-0001-SO	5035, 8260B/DoD	T	+029.630 g	34.76 g	5.13 g	5 mL	Preserved on 11/07/2012 @19:25	
240-17317-D-7	068SS-0003M-0001-SO	5035, 8260B/DoD	T	+029.966 g	37.09 g	7.124 g	5 mL	Preserved on 11/07/2012 @19:25	
240-17317-F-7 MS	068SS-0003M-0001-SO	5035, 8260B/DoD	T	+029.799 g	35.71 g	5.911 g	5 mL	Preserved on 11/07/2012 @19:25	
240-17317-H-7 MSD	068SS-0003M-0001-SO	5035, 8260B/DoD	T	+030.163 g	36.47 g	6.307 g	5 mL	Preserved on 11/07/2012 @19:25	
240-17317-C-8	068SS-0004M-0001-SO	5035, 8260B/DoD	T	+029.962 g	36.91 g	6.948 g	5 mL	Preserved on 11/07/2012 @19:25	
240-17317-B-9	076SS-0004M-0001-SO	5035, 8260B/DoD	T	+030.387 g	36.38 g	5.993 g	5 mL	Preserved on 11/07/2012 @19:25	
240-17317-D-10	076SS-0003M-0001-SO	5035, 8260B/DoD	T	+030.099 g	36.23 g	6.131 g	5 mL	Preserved on 11/07/2012 @19:25	

Batch Notes	

Basis	Basis Description
T	Total/NA

Method 8270C DOD

Semivolatile Compounds (GC/MS) by Method 8270/DOD

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): RXI-5SILMS ID: 0.45 (mm)

Client Sample ID	Lab Sample ID	2FP #	PHL #	NBZ #	FBP #	TBP #	TPH #
076SS-0002M-0001-SO	240-17317-1	63	67	61	64	76	76
076SS-0001M-0001-SO	240-17317-2	63	72	60	72	78	81
076SS-0005M-0001-SO	240-17317-3	57	59	53	61	70	69
076SS-0006M-0001-SO	240-17317-4	60	69	59	68	79	77
068SS-0001M-0001-SO	240-17317-5	66	68	59	61	79	71
068SS-0002M-0001-SO	240-17317-6	60	63	60	59	78	73
068SS-0003M-0001-SO	240-17317-7	74	74	69	71	87	81
068SS-0004M-0001-SO	240-17317-8	65	64	57	61	75	72
076SS-0004M-0001-SO	240-17317-9	58	64	59	63	72	72
076SS-0003M-0001-SO	240-17317-10	59	66	61	62	63	68
068SS-0005M-0001-SO	240-17317-14	60	64	60	60	63	64
068SS-0006M-0001-SO	240-17317-15	67	71	67	64	75	74
068SS-0007M-0001-SO	240-17317-16	63	69	62	65	77	78
068SS-0008M-0001-SO	240-17317-17	78	81	70	67	79	75
076SD-0008-0001-SO	240-17317-18	67	69	58	53	70	62
076SD-0009-0001-SO	240-17317-19	67	73	51	49	82	66
076SD-0010-0001-SO	240-17317-20	69	73	52	51	81	66
076SD-0011-0001-SO	240-17317-21	72	72	54	50	75	64
076SD-0012-0001-SO	240-17317-22	63	68	67	60	67	63
	MB 240-65352/23-A	64	63	59	57	61	81
	MB 240-65386/21-A	78	84	81	75	67	86
	LCS 240-65352/24-A	70	72	70	67	74	79
	LCS 240-65386/22-A	65	68	68	66	82	83
068SS-0003M-0001-SO MS	240-17317-7 MS	65	66	63	63	80	75
076SD-0009-0001-SO MS	240-17317-19 MS	64	67	63	60	71	65
068SS-0003M-0001-SO MSD	240-17317-7 MSD	63	65	61	61	74	70

	QC LIMITS
2FP = 2-Fluorophenol (Surr)	35-105
PHL = Phenol-d5 (Surr)	40-100
NBZ = Nitrobenzene-d5 (Surr)	35-100
FBP = 2-Fluorobiphenyl (Surr)	45-105
TBP = 2,4,6-Tribromophenol (Surr)	35-125
TPH = Terphenyl-d14 (Surr)	30-125

Column to be used to flag recovery values

FORM II 8270C/DoD

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): RXI-5SILMS ID: 0.45 (mm)

Client Sample ID	Lab Sample ID	2FP #	PHL #	NBZ #	FBP #	TBP #	TPH #
076SD-0009-0001-SO MSD	240-17317-19 MSD	73	79	73	68	79	73

	QC LIMITS
2FP = 2-Fluorophenol (Surr)	35-105
PHL = Phenol-d5 (Surr)	40-100
NBZ = Nitrobenzene-d5 (Surr)	35-100
FBP = 2-Fluorobiphenyl (Surr)	45-105
TBP = 2,4,6-Tribromophenol (Surr)	35-125
TPH = Terphenyl-d14 (Surr)	30-125

Column to be used to flag recovery values

FORM II 8270C/DoD

FORM II
GC/MS SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): RXI-5SILMS ID: 0.45 (mm)

Client Sample ID	Lab Sample ID	2FP #	PHL #	NBZ #	FBP #	TBP #	TPH #
	MRL 240-65876/4	101	100	105 Q	102	112	102
	MRL 240-65876/17	101	104 Q	105 Q	99	119	102
	MRL 240-66051/3	100	97	104 Q	97	106	101
	MRL 240-66051/13	103	104 Q	107 Q	99	113	101
	MRL 240-66702/3	106 Q	106 Q	109 Q	103	111	98
	MRL 240-66702/14	104	106 Q	106 Q	100	108	99
	MRL 240-67921/3	95	100	118 Q	111 Q	97	104
	MRL 240-67921/8	104	108 Q	120 Q	109 Q	99	106
	MRL 240-68349/4	97	101 Q	102 Q	97	112	102
	MRL 240-68349/11	99	105 Q	108 Q	96	107	101
	MRL 240-68588/4	105	101 Q	106 Q	98	106	105
	MRL 240-68588/10	103	104 Q	104 Q	91	99	100
	MRL 240-68844/3	110 Q	112 Q	104 Q	91	109	103
	MRL 240-68844/9	108 Q	116 Q	104 Q	90	95	101

	QC LIMITS
2FP = 2-Fluorophenol (Surr)	50-150
PHL = Phenol-d5 (Surr)	50-150
NBZ = Nitrobenzene-d5 (Surr)	50-150
FBP = 2-Fluorobiphenyl (Surr)	50-150
TBP = 2,4,6-Tribromophenol (Surr)	50-150
TPH = Terphenyl-d14 (Surr)	50-150

Column to be used to flag recovery values

FORM II 8270C/DoD

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21121006.D

Lab ID: LCS 240-65352/24-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Acenaphthene	667	480	72	45-110	
Acenaphthylene	667	478	72	45-105	
Anthracene	667	491	74	55-105	
Benzo[a]anthracene	667	511	77	50-110	
Benzo[a]pyrene	667	432	65	50-110	
Benzo[b]fluoranthene	667	495	74	45-115	
Benzo[g,h,i]perylene	667	545	82	40-125	
Benzoic acid	667	330 U	45	0-110	
Benzo[k]fluoranthene	667	504	76	45-125	
Benzyl alcohol	667	486	73	20-125	
Bis(2-chloroethoxy)methane	667	452	68	45-110	
Bis(2-chloroethyl)ether	667	463	70	40-105	
bis (2-chloroisopropyl) ether	667	462	69	20-115	
Bis(2-ethylhexyl) phthalate	667	494	74	45-125	
4-Bromophenyl phenyl ether	667	506	76	45-115	
Butyl benzyl phthalate	667	504	76	50-125	
Carbazole	667	490	74	45-115	
4-Chloroaniline	667	359	54	10-110	
4-Chloro-3-methylphenol	667	523	79	45-115	
2-Chloronaphthalene	667	465	70	45-105	
2-Chlorophenol	667	470	71	45-105	
4-Chlorophenyl phenyl ether	667	501	75	45-110	
Chrysene	667	524	79	55-110	
Dibenz(a,h)anthracene	667	491	74	40-125	
Dibenzofuran	667	490	74	50-105	
1,4-Dichlorobenzene	667	444	67	35-105	
1,2-Dichlorobenzene	667	443	66	45-110	
1,3-Dichlorobenzene	667	435	65	40-100	
3,3'-Dichlorobenzidine	667	305	46	10-130	
2,4-Dichlorophenol	667	499	75	45-110	
Diethyl phthalate	667	513	77	50-115	
2,4-Dimethylphenol	667	323	48	30-105	
Dimethyl phthalate	667	509	76	50-110	
Di-n-butyl phthalate	667	532	80	55-110	
4,6-Dinitro-2-methylphenol	667	472	71	30-135	
2,4-Dinitrophenol	667	462	69	15-130	
2,4-Dinitrotoluene	667	530	79	50-115	
2,6-Dinitrotoluene	667	528	79	50-110	
Di-n-octyl phthalate	667	476	71	40-130	
Fluoranthene	667	526	79	55-115	
Fluorene	667	496	74	50-110	
Hexachlorobenzene	667	501	75	45-120	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21121006.D

Lab ID: LCS 240-65352/24-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Hexachlorobutadiene	667	436	65	40-115	
Hexachloroethane	667	437	66	35-110	
Indeno[1,2,3-cd]pyrene	667	495	74	40-120	
Isophorone	667	496	74	45-110	
2-Methylnaphthalene	667	467	70	45-105	
2-Methylphenol	667	472	71	40-105	
3 & 4 Methylphenol	1330	963	72	40-105	
Naphthalene	667	467	70	40-105	
2-Nitroaniline	667	535	80	45-120	
3-Nitroaniline	667	492	74	25-110	
4-Nitroaniline	667	495	74	35-115	
Nitrobenzene	667	454	68	40-115	
2-Nitrophenol	667	484	73	40-110	
4-Nitrophenol	667	520	78	15-140	
N-Nitrosodi-n-propylamine	667	476	71	40-115	
N-Nitrosodiphenylamine	667	489	73	50-115	
Pentachlorophenol	667	404	61	25-120	
Phenanthrene	667	486	73	50-110	
Phenol	667	495	74	40-100	
Pyrene	667	483	72	45-125	
1,2,4-Trichlorobenzene	667	440	66	45-110	
2,4,5-Trichlorophenol	667	522	78	50-110	
2,4,6-Trichlorophenol	667	504	76	45-110	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21129005.D

Lab ID: LCS 240-65386/22-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Acenaphthene	667	463	69	45-110	
Acenaphthylene	667	477	72	45-105	
Anthracene	667	533	80	55-105	
Benzo[a]anthracene	667	510	76	50-110	
Benzo[a]pyrene	667	453	68	50-110	
Benzo[b]fluoranthene	667	487	73	45-115	
Benzo[g,h,i]perylene	667	516	77	40-125	
Benzoic acid	667	330 U	44	0-110	
Benzo[k]fluoranthene	667	495	74	45-125	
Benzyl alcohol	667	458	69	20-125	
Bis(2-chloroethoxy)methane	667	443	66	45-110	
Bis(2-chloroethyl)ether	667	434	65	40-105	
bis (2-chloroisopropyl) ether	667	432	65	20-115	
Bis(2-ethylhexyl) phthalate	667	535	80	45-125	
4-Bromophenyl phenyl ether	667	531	80	45-115	
Butyl benzyl phthalate	667	516	77	50-125	
Carbazole	667	536	80	45-115	
4-Chloroaniline	667	282	42	10-110	
4-Chloro-3-methylphenol	667	511	77	45-115	
2-Chloronaphthalene	667	452	68	45-105	
2-Chlorophenol	667	443	66	45-105	
4-Chlorophenyl phenyl ether	667	499	75	45-110	
Chrysene	667	527	79	55-110	
Dibenz(a,h)anthracene	667	510	76	40-125	
Dibenzofuran	667	483	72	50-105	
1,4-Dichlorobenzene	667	406	61	35-105	
1,2-Dichlorobenzene	667	422	63	45-110	
1,3-Dichlorobenzene	667	402	60	40-100	
3,3'-Dichlorobenzidine	667	316	47	10-130	
2,4-Dichlorophenol	667	460	69	45-110	
Diethyl phthalate	667	531	80	50-115	
2,4-Dimethylphenol	667	299	45	30-105	
Dimethyl phthalate	667	508	76	50-110	
Di-n-butyl phthalate	667	544	82	55-110	
4,6-Dinitro-2-methylphenol	667	499	75	30-135	
2,4-Dinitrophenol	667	483	72	15-130	
2,4-Dinitrotoluene	667	574	86	50-115	
2,6-Dinitrotoluene	667	580	87	50-110	
Di-n-octyl phthalate	667	475	71	40-130	
Fluoranthene	667	545	82	55-115	
Fluorene	667	485	73	50-110	
Hexachlorobenzene	667	513	77	45-120	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21129005.D

Lab ID: LCS 240-65386/22-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Hexachlorobutadiene	667	404	61	40-115	
Hexachloroethane	667	410	61	35-110	
Indeno[1,2,3-cd]pyrene	667	507	76	40-120	
Isophorone	667	456	68	45-110	
2-Methylnaphthalene	667	428	64	45-105	
2-Methylphenol	667	427	64	40-105	
3 & 4 Methylphenol	1330	892	67	40-105	
Naphthalene	667	438	66	40-105	
2-Nitroaniline	667	567	85	45-120	
3-Nitroaniline	667	455	68	25-110	
4-Nitroaniline	667	548	82	35-115	
Nitrobenzene	667	453	68	40-115	
2-Nitrophenol	667	461	69	40-110	
4-Nitrophenol	667	543	81	15-140	
N-Nitrosodi-n-propylamine	667	439	66	40-115	
N-Nitrosodiphenylamine	667	521	78	50-115	
Pentachlorophenol	667	380	57	25-120	
Phenanthrene	667	519	78	50-110	
Phenol	667	450	68	40-100	
Pyrene	667	498	75	45-125	
1,2,4-Trichlorobenzene	667	403	60	45-110	
2,4,5-Trichlorophenol	667	491	74	50-110	
2,4,6-Trichlorophenol	667	481	72	45-110	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 21121004.D

Lab ID: MRL 240-65876/4 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Acenaphthene	5.00	5.15	103	70-130	
Acenaphthylene	5.00	5.11	102	70-130	
Anthracene	5.00	5.10	102	70-130	
Benzo[a]anthracene	5.00	5.20	104	70-130	
Benzo[a]pyrene	5.00	5.06	101	70-130	
Benzo[b]fluoranthene	5.00	5.41	108	70-130	
Benzo[g,h,i]perylene	5.00	5.65	113	70-130	
Benzoic acid	10.0	9.50	95	70-130	
Benzo[k]fluoranthene	5.00	5.37	107	70-130	
Benzyl alcohol	5.00	5.18	104	70-130	
Bis(2-chloroethoxy)methane	5.00	4.97	99	70-130	
Bis(2-chloroethyl)ether	5.00	5.02	100	70-130	
Bis(2-ethylhexyl) phthalate	5.00	5.09	102	70-130	
4-Bromophenyl phenyl ether	5.00	5.36	107	70-130	
Butyl benzyl phthalate	5.00	5.14	103	70-130	
Carbazole	5.00	5.02	100	70-130	
4-Chloro-3-methylphenol	5.00	5.06	101	70-130	
2-Chloronaphthalene	5.00	5.11	102	70-130	
2-Chlorophenol	5.00	5.00	100	70-130	
4-Chlorophenyl phenyl ether	5.00	5.29	106	70-130	
Chrysene	5.00	5.07	101	70-130	
Dibenz(a,h)anthracene	5.00	5.14	103	70-130	
Dibenzofuran	5.00	5.04	101	70-130	
1,4-Dichlorobenzene	5.00	4.97	99	70-130	
1,2-Dichlorobenzene	5.00	5.11	102	70-130	
1,3-Dichlorobenzene	5.00	5.01	100	70-130	
3,3'-Dichlorobenzidine	5.00	5.19	104	70-130	
2,4-Dichlorophenol	5.00	5.23	105	70-130	
Diethyl phthalate	5.00	5.11	102	70-130	
2,4-Dimethylphenol	5.00	5.00	100	70-130	
Dimethyl phthalate	5.00	5.14	103	70-130	
Di-n-butyl phthalate	5.00	5.10	102	70-130	
4,6-Dinitro-2-methylphenol	5.00	5.28	106	70-130	
2,4-Dinitrophenol	10.0	10.2	102	70-130	
2,4-Dinitrotoluene	5.00	5.26	105	70-130	
2,6-Dinitrotoluene	5.00	5.33	107	70-130	
Di-n-octyl phthalate	5.00	4.97	99	70-130	
Fluoranthene	5.00	5.10	102	70-130	
Fluorene	5.00	5.16	103	70-130	
Hexachlorobenzene	5.00	5.03	101	70-130	
Hexachlorobutadiene	5.00	4.87	97	70-130	
Hexachloroethane	5.00	4.79	96	70-130	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 21121004.D

Lab ID: MRL 240-65876/4 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Indeno[1,2,3-cd]pyrene	5.00	5.29	106	70-130	
Isophorone	5.00	5.26	105	70-130	
2-Methylnaphthalene	5.00	5.12	102	70-130	
2-Methylphenol	5.00	4.95	99	70-130	
3 & 4 Methylphenol	5.00	4.93	99	70-130	
Naphthalene	5.00	5.05	101	70-130	
2-Nitroaniline	5.00	5.42	108	70-130	
3-Nitroaniline	5.00	5.34	107	70-130	
4-Nitroaniline	5.00	5.23	105	70-130	
Nitrobenzene	5.00	5.23	105	70-130	
2-Nitrophenol	5.00	5.08	102	70-130	
4-Nitrophenol	5.00	5.04	101	70-130	
N-Nitrosodi-n-propylamine	5.00	5.22	104	70-130	
N-Nitrosodiphenylamine	5.00	4.97	99	70-130	
Pentachlorophenol	10.0	10.2	102	70-130	
Phenanthrene	5.00	4.94	99	70-130	
Phenol	5.00	5.10	102	70-130	
Pyrene	5.00	4.99	100	70-130	
1,2,4-Trichlorobenzene	5.00	5.09	102	70-130	
2,4,5-Trichlorophenol	5.00	5.44	109	70-130	
2,4,6-Trichlorophenol	5.00	5.52	110	70-130	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 21121017.D

Lab ID: MRL 240-65876/17 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Acenaphthene	5.00	5.02	100	70-130	
Acenaphthylene	5.00	5.04	101	70-130	
Anthracene	5.00	5.11	102	70-130	
Benzo[a]anthracene	5.00	5.25	105	70-130	
Benzo[a]pyrene	5.00	5.15	103	70-130	
Benzo[b]fluoranthene	5.00	5.68	114	70-130	
Benzo[g,h,i]perylene	5.00	3.10	62	70-130	^
Benzoic acid	10.0	10.0	100	70-130	
Benzo[k]fluoranthene	5.00	5.65	113	70-130	
Benzyl alcohol	5.00	5.21	104	70-130	
Bis(2-chloroethoxy)methane	5.00	5.02	100	70-130	
Bis(2-chloroethyl)ether	5.00	4.99	100	70-130	
Bis(2-ethylhexyl) phthalate	5.00	5.36	107	70-130	
4-Bromophenyl phenyl ether	5.00	5.04	101	70-130	
Butyl benzyl phthalate	5.00	5.36	107	70-130	
Carbazole	5.00	5.01	100	70-130	
4-Chloro-3-methylphenol	5.00	5.41	108	70-130	
2-Chloronaphthalene	5.00	4.96	99	70-130	
2-Chlorophenol	5.00	5.12	102	70-130	
4-Chlorophenyl phenyl ether	5.00	5.24	105	70-130	
Chrysene	5.00	5.15	103	70-130	
Dibenz(a,h)anthracene	5.00	3.60	72	70-130	
Dibenzofuran	5.00	4.95	99	70-130	
1,4-Dichlorobenzene	5.00	4.88	98	70-130	
1,2-Dichlorobenzene	5.00	4.91	98	70-130	
1,3-Dichlorobenzene	5.00	4.95	99	70-130	
3,3'-Dichlorobenzidine	5.00	5.24	105	70-130	
2,4-Dichlorophenol	5.00	5.23	105	70-130	
Diethyl phthalate	5.00	5.21	104	70-130	
2,4-Dimethylphenol	5.00	5.30	106	70-130	
Dimethyl phthalate	5.00	5.20	104	70-130	
Di-n-butyl phthalate	5.00	5.24	105	70-130	
4,6-Dinitro-2-methylphenol	5.00	2.95	59	70-130	^
2,4-Dinitrophenol	10.0	4.99	50	70-130	^
2,4-Dinitrotoluene	5.00	5.25	105	70-130	
2,6-Dinitrotoluene	5.00	5.38	108	70-130	
Di-n-octyl phthalate	5.00	6.34	127	70-130	
Fluoranthene	5.00	5.19	104	70-130	
Fluorene	5.00	5.08	102	70-130	
Hexachlorobenzene	5.00	5.11	102	70-130	
Hexachlorobutadiene	5.00	4.92	98	70-130	
Hexachloroethane	5.00	4.61	92	70-130	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 21121017.D

Lab ID: MRL 240-65876/17 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Indeno[1,2,3-cd]pyrene	5.00	3.48	70	70-130	
Isophorone	5.00	5.36	107	70-130	
2-Methylnaphthalene	5.00	5.11	102	70-130	
2-Methylphenol	5.00	5.12	102	70-130	
3 & 4 Methylphenol	5.00	4.98	100	70-130	
Naphthalene	5.00	4.98	100	70-130	
2-Nitroaniline	5.00	5.66	113	70-130	
3-Nitroaniline	5.00	5.53	111	70-130	
4-Nitroaniline	5.00	5.39	108	70-130	
Nitrobenzene	5.00	5.12	102	70-130	
2-Nitrophenol	5.00	5.10	102	70-130	
4-Nitrophenol	5.00	5.29	106	70-130	
N-Nitrosodi-n-propylamine	5.00	5.23	105	70-130	
N-Nitrosodiphenylamine	5.00	0.00080 U	0	70-130	^
Pentachlorophenol	10.0	10.1	101	70-130	
Phenanthrene	5.00	4.85	97	70-130	
Phenol	5.00	5.09	102	70-130	
Pyrene	5.00	4.92	98	70-130	
1,2,4-Trichlorobenzene	5.00	5.13	103	70-130	
2,4,5-Trichlorophenol	5.00	5.42	108	70-130	
2,4,6-Trichlorophenol	5.00	5.36	107	70-130	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 21123003.D

Lab ID: MRL 240-66051/3 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Acenaphthene	5.00	4.94	99	70-130	
Acenaphthylene	5.00	4.93	99	70-130	
Anthracene	5.00	5.01	100	70-130	
Benzo[a]anthracene	5.00	5.01	100	70-130	
Benzo[a]pyrene	5.00	5.16	103	70-130	
Benzo[b]fluoranthene	5.00	5.03	101	70-130	
Benzo[g,h,i]perylene	5.00	5.40	108	70-130	
Benzoic acid	10.0	8.86	89	70-130	
Benzo[k]fluoranthene	5.00	5.30	106	70-130	
Benzyl alcohol	5.00	4.88	98	70-130	
Bis(2-chloroethoxy)methane	5.00	5.01	100	70-130	
Bis(2-chloroethyl)ether	5.00	4.91	98	70-130	
Bis(2-ethylhexyl) phthalate	5.00	5.19	104	70-130	
4-Bromophenyl phenyl ether	5.00	5.06	101	70-130	
Butyl benzyl phthalate	5.00	5.09	102	70-130	
Carbazole	5.00	4.97	99	70-130	
4-Chloro-3-methylphenol	5.00	5.07	101	70-130	
2-Chloronaphthalene	5.00	4.85	97	70-130	
2-Chlorophenol	5.00	4.82	96	70-130	
4-Chlorophenyl phenyl ether	5.00	4.97	99	70-130	
Chrysene	5.00	4.95	99	70-130	
Dibenz(a,h)anthracene	5.00	4.89	98	70-130	
Dibenzofuran	5.00	4.80	96	70-130	
1,4-Dichlorobenzene	5.00	4.91	98	70-130	
1,2-Dichlorobenzene	5.00	4.84	97	70-130	
1,3-Dichlorobenzene	5.00	4.81	96	70-130	
3,3'-Dichlorobenzidine	5.00	5.12	102	70-130	
2,4-Dichlorophenol	5.00	5.14	103	70-130	
Diethyl phthalate	5.00	4.91	98	70-130	
2,4-Dimethylphenol	5.00	5.19	104	70-130	
Dimethyl phthalate	5.00	4.95	99	70-130	
Di-n-butyl phthalate	5.00	5.20	104	70-130	
4,6-Dinitro-2-methylphenol	5.00	5.07	101	70-130	
2,4-Dinitrophenol	10.0	9.52	95	70-130	
2,4-Dinitrotoluene	5.00	5.07	101	70-130	
2,6-Dinitrotoluene	5.00	5.13	103	70-130	
Di-n-octyl phthalate	5.00	5.20	104	70-130	
Fluoranthene	5.00	5.14	103	70-130	
Fluorene	5.00	4.96	99	70-130	
Hexachlorobenzene	5.00	5.13	103	70-130	
Hexachlorobutadiene	5.00	4.91	98	70-130	
Hexachloroethane	5.00	4.93	99	70-130	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 21123003.D

Lab ID: MRL 240-66051/3 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Indeno[1,2,3-cd]pyrene	5.00	5.10	102	70-130	
Isophorone	5.00	5.11	102	70-130	
2-Methylnaphthalene	5.00	4.96	99	70-130	
2-Methylphenol	5.00	4.98	100	70-130	
3 & 4 Methylphenol	5.00	4.90	98	70-130	
Naphthalene	5.00	4.87	97	70-130	
2-Nitroaniline	5.00	5.46	109	70-130	
3-Nitroaniline	5.00	5.23	105	70-130	
4-Nitroaniline	5.00	5.06	101	70-130	
Nitrobenzene	5.00	5.19	104	70-130	
2-Nitrophenol	5.00	5.38	108	70-130	
4-Nitrophenol	5.00	5.22	104	70-130	
N-Nitrosodi-n-propylamine	5.00	5.23	105	70-130	
N-Nitrosodiphenylamine	5.00	5.01	100	70-130	
Pentachlorophenol	10.0	9.75	98	70-130	
Phenanthrene	5.00	4.95	99	70-130	
Phenol	5.00	4.88	98	70-130	
Pyrene	5.00	4.97	99	70-130	
1,2,4-Trichlorobenzene	5.00	5.00	100	70-130	
2,4,5-Trichlorophenol	5.00	5.12	102	70-130	
2,4,6-Trichlorophenol	5.00	5.24	105	70-130	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 21123013.D

Lab ID: MRL 240-66051/13 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Acenaphthene	5.00	5.03	101	70-130	
Acenaphthylene	5.00	5.02	100	70-130	
Anthracene	5.00	5.00	100	70-130	
Benzo[a]anthracene	5.00	5.21	104	70-130	
Benzo[a]pyrene	5.00	5.05	101	70-130	
Benzo[b]fluoranthene	5.00	5.31	106	70-130	
Benzo[g,h,i]perylene	5.00	4.59	92	70-130	
Benzoic acid	10.0	10.3	103	70-130	
Benzo[k]fluoranthene	5.00	4.90	98	70-130	
Benzyl alcohol	5.00	5.10	102	70-130	
Bis(2-chloroethoxy)methane	5.00	4.99	100	70-130	
Bis(2-chloroethyl)ether	5.00	5.03	101	70-130	
Bis(2-ethylhexyl) phthalate	5.00	5.36	107	70-130	
4-Bromophenyl phenyl ether	5.00	5.01	100	70-130	
Butyl benzyl phthalate	5.00	5.37	107	70-130	
Carbazole	5.00	4.91	98	70-130	
4-Chloro-3-methylphenol	5.00	5.40	108	70-130	
2-Chloronaphthalene	5.00	4.97	99	70-130	
2-Chlorophenol	5.00	5.12	102	70-130	
4-Chlorophenyl phenyl ether	5.00	5.14	103	70-130	
Chrysene	5.00	5.08	102	70-130	
Dibenz(a,h)anthracene	5.00	4.66	93	70-130	
Dibenzofuran	5.00	4.99	100	70-130	
1,4-Dichlorobenzene	5.00	5.00	100	70-130	
1,2-Dichlorobenzene	5.00	5.07	101	70-130	
1,3-Dichlorobenzene	5.00	4.94	99	70-130	
3,3'-Dichlorobenzidine	5.00	5.19	104	70-130	
2,4-Dichlorophenol	5.00	5.12	102	70-130	
Diethyl phthalate	5.00	5.22	104	70-130	
2,4-Dimethylphenol	5.00	5.12	102	70-130	
Dimethyl phthalate	5.00	5.19	104	70-130	
Di-n-butyl phthalate	5.00	5.14	103	70-130	
4,6-Dinitro-2-methylphenol	5.00	4.24	85	70-130	
2,4-Dinitrophenol	10.0	8.11	81	70-130	
2,4-Dinitrotoluene	5.00	5.46	109	70-130	
2,6-Dinitrotoluene	5.00	5.33	107	70-130	
Di-n-octyl phthalate	5.00	5.40	108	70-130	
Fluoranthene	5.00	5.10	102	70-130	
Fluorene	5.00	5.04	101	70-130	
Hexachlorobenzene	5.00	4.97	99	70-130	
Hexachlorobutadiene	5.00	5.08	102	70-130	
Hexachloroethane	5.00	4.90	98	70-130	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 21123013.D

Lab ID: MRL 240-66051/13 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Indeno[1,2,3-cd]pyrene	5.00	4.66	93	70-130	
Isophorone	5.00	5.36	107	70-130	
2-Methylnaphthalene	5.00	4.90	98	70-130	
2-Methylphenol	5.00	5.08	102	70-130	
3 & 4 Methylphenol	5.00	5.17	103	70-130	
Naphthalene	5.00	5.01	100	70-130	
2-Nitroaniline	5.00	5.54	111	70-130	
3-Nitroaniline	5.00	5.54	111	70-130	
4-Nitroaniline	5.00	5.47	109	70-130	
Nitrobenzene	5.00	5.23	105	70-130	
2-Nitrophenol	5.00	5.43	109	70-130	
4-Nitrophenol	5.00	5.32	106	70-130	
N-Nitrosodi-n-propylamine	5.00	5.43	109	70-130	
N-Nitrosodiphenylamine	5.00	4.89	98	70-130	
Pentachlorophenol	10.0	9.97	100	70-130	
Phenanthrene	5.00	4.72	94	70-130	
Phenol	5.00	5.28	106	70-130	
Pyrene	5.00	4.96	99	70-130	
1,2,4-Trichlorobenzene	5.00	5.26	105	70-130	
2,4,5-Trichlorophenol	5.00	5.55	111	70-130	
2,4,6-Trichlorophenol	5.00	5.55	111	70-130	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 21129003.D

Lab ID: MRL 240-66702/3 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Acenaphthene	5.00	4.94	99	70-130	
Acenaphthylene	5.00	5.05	101	70-130	
Anthracene	5.00	5.18	104	70-130	
Benzo[a]anthracene	5.00	5.15	103	70-130	
Benzo[a]pyrene	5.00	5.19	104	70-130	
Benzo[b]fluoranthene	5.00	5.05	101	70-130	
Benzo[g,h,i]perylene	5.00	5.24	105	70-130	
Benzoic acid	10.0	10.5	105	70-130	
Benzo[k]fluoranthene	5.00	5.08	102	70-130	
Benzyl alcohol	5.00	5.24	105	70-130	
Bis(2-chloroethoxy)methane	5.00	5.26	105	70-130	
Bis(2-chloroethyl)ether	5.00	5.09	102	70-130	
Bis(2-ethylhexyl) phthalate	5.00	5.23	105	70-130	
4-Bromophenyl phenyl ether	5.00	5.13	103	70-130	
Butyl benzyl phthalate	5.00	5.15	103	70-130	
Carbazole	5.00	5.17	103	70-130	
4-Chloro-3-methylphenol	5.00	5.25	105	70-130	
2-Chloronaphthalene	5.00	4.78	96	70-130	
2-Chlorophenol	5.00	5.08	102	70-130	
4-Chlorophenyl phenyl ether	5.00	4.98	100	70-130	
Chrysene	5.00	5.16	103	70-130	
Dibenz(a,h)anthracene	5.00	5.31	106	70-130	
Dibenzofuran	5.00	4.95	99	70-130	
1,4-Dichlorobenzene	5.00	5.16	103	70-130	
1,2-Dichlorobenzene	5.00	5.06	101	70-130	
1,3-Dichlorobenzene	5.00	5.19	104	70-130	
3,3'-Dichlorobenzidine	5.00	5.20	104	70-130	
2,4-Dichlorophenol	5.00	5.05	101	70-130	
Diethyl phthalate	5.00	4.72	94	70-130	
2,4-Dimethylphenol	5.00	5.28	106	70-130	
Dimethyl phthalate	5.00	4.81	96	70-130	
Di-n-butyl phthalate	5.00	5.01	100	70-130	
4,6-Dinitro-2-methylphenol	5.00	5.27	105	70-130	
2,4-Dinitrophenol	10.0	9.89	99	70-130	
2,4-Dinitrotoluene	5.00	5.20	104	70-130	
2,6-Dinitrotoluene	5.00	5.06	101	70-130	
Di-n-octyl phthalate	5.00	4.95	99	70-130	
Fluoranthene	5.00	4.97	99	70-130	
Fluorene	5.00	4.83	97	70-130	
Hexachlorobenzene	5.00	4.91	98	70-130	
Hexachlorobutadiene	5.00	4.95	99	70-130	
Hexachloroethane	5.00	4.91	98	70-130	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 21129003.D

Lab ID: MRL 240-66702/3 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Indeno[1,2,3-cd]pyrene	5.00	5.31	106	70-130	
Isophorone	5.00	5.20	104	70-130	
2-Methylnaphthalene	5.00	5.17	103	70-130	
2-Methylphenol	5.00	5.14	103	70-130	
3 & 4 Methylphenol	5.00	5.03	101	70-130	
Naphthalene	5.00	5.11	102	70-130	
2-Nitroaniline	5.00	5.38	108	70-130	
3-Nitroaniline	5.00	5.29	106	70-130	
4-Nitroaniline	5.00	5.26	105	70-130	
Nitrobenzene	5.00	5.43	109	70-130	
2-Nitrophenol	5.00	5.62	112	70-130	
4-Nitrophenol	5.00	4.99	100	70-130	
N-Nitrosodi-n-propylamine	5.00	5.12	102	70-130	
N-Nitrosodiphenylamine	5.00	5.10	102	70-130	
Pentachlorophenol	10.0	10.1	101	70-130	
Phenanthrene	5.00	4.91	98	70-130	
Phenol	5.00	5.49	110	70-130	
Pyrene	5.00	5.08	102	70-130	
1,2,4-Trichlorobenzene	5.00	5.02	100	70-130	
2,4,5-Trichlorophenol	5.00	5.00	100	70-130	
2,4,6-Trichlorophenol	5.00	5.00	100	70-130	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 21129014.D

Lab ID: MRL 240-66702/14 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Acenaphthene	5.00	5.03	101	70-130	
Acenaphthylene	5.00	5.01	100	70-130	
Anthracene	5.00	5.26	105	70-130	
Benzo[a]anthracene	5.00	4.92	98	70-130	
Benzo[a]pyrene	5.00	5.15	103	70-130	
Benzo[b]fluoranthene	5.00	4.92	98	70-130	
Benzo[g,h,i]perylene	5.00	5.06	101	70-130	
Benzoic acid	10.0	9.65	97	70-130	
Benzo[k]fluoranthene	5.00	4.81	96	70-130	
Benzyl alcohol	5.00	4.96	99	70-130	
Bis(2-chloroethoxy)methane	5.00	5.24	105	70-130	
Bis(2-chloroethyl)ether	5.00	4.96	99	70-130	
Bis(2-ethylhexyl) phthalate	5.00	5.39	108	70-130	
4-Bromophenyl phenyl ether	5.00	5.07	101	70-130	
Butyl benzyl phthalate	5.00	5.46	109	70-130	
Carbazole	5.00	5.15	103	70-130	
4-Chloro-3-methylphenol	5.00	5.20	104	70-130	
2-Chloronaphthalene	5.00	4.99	100	70-130	
2-Chlorophenol	5.00	5.14	103	70-130	
4-Chlorophenyl phenyl ether	5.00	5.02	100	70-130	
Chrysene	5.00	4.95	99	70-130	
Dibenz(a,h)anthracene	5.00	5.13	103	70-130	
Dibenzofuran	5.00	5.09	102	70-130	
1,4-Dichlorobenzene	5.00	4.86	97	70-130	
1,2-Dichlorobenzene	5.00	5.08	102	70-130	
1,3-Dichlorobenzene	5.00	5.08	102	70-130	
3,3'-Dichlorobenzidine	5.00	5.23	105	70-130	
2,4-Dichlorophenol	5.00	5.28	106	70-130	
Diethyl phthalate	5.00	4.93	99	70-130	
2,4-Dimethylphenol	5.00	5.27	105	70-130	
Dimethyl phthalate	5.00	4.94	99	70-130	
Di-n-butyl phthalate	5.00	5.09	102	70-130	
4,6-Dinitro-2-methylphenol	5.00	4.46	89	70-130	
2,4-Dinitrophenol	10.0	7.58	76	70-130	
2,4-Dinitrotoluene	5.00	5.52	110	70-130	
2,6-Dinitrotoluene	5.00	5.15	103	70-130	
Di-n-octyl phthalate	5.00	5.18	104	70-130	
Fluoranthene	5.00	5.09	102	70-130	
Fluorene	5.00	5.02	100	70-130	
Hexachlorobenzene	5.00	5.01	100	70-130	
Hexachlorobutadiene	5.00	5.05	101	70-130	
Hexachloroethane	5.00	4.71	94	70-130	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 21129014.D

Lab ID: MRL 240-66702/14 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Indeno[1,2,3-cd]pyrene	5.00	5.13	103	70-130	
Isophorone	5.00	5.32	106	70-130	
2-Methylnaphthalene	5.00	4.96	99	70-130	
2-Methylphenol	5.00	5.10	102	70-130	
3 & 4 Methylphenol	5.00	5.11	102	70-130	
Naphthalene	5.00	5.13	103	70-130	
2-Nitroaniline	5.00	5.50	110	70-130	
3-Nitroaniline	5.00	5.39	108	70-130	
4-Nitroaniline	5.00	5.81	116	70-130	
Nitrobenzene	5.00	5.38	108	70-130	
2-Nitrophenol	5.00	5.33	107	70-130	
4-Nitrophenol	5.00	4.66	93	70-130	
N-Nitrosodi-n-propylamine	5.00	5.03	101	70-130	
N-Nitrosodiphenylamine	5.00	5.00	100	70-130	
Pentachlorophenol	10.0	10.1	101	70-130	
Phenanthrene	5.00	4.84	97	70-130	
Phenol	5.00	5.39	108	70-130	
Pyrene	5.00	5.06	101	70-130	
1,2,4-Trichlorobenzene	5.00	4.85	97	70-130	
2,4,5-Trichlorophenol	5.00	5.22	104	70-130	
2,4,6-Trichlorophenol	5.00	5.16	103	70-130	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 21210003.D

Lab ID: MRL 240-67921/3 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Acenaphthene	5.00	4.69	94	70-130	
Acenaphthylene	5.00	4.82	96	70-130	
Anthracene	5.00	4.73	95	70-130	
Benzo[a]anthracene	5.00	4.45	89	70-130	
Benzo[a]pyrene	5.00	4.42	88	70-130	
Benzo[b]fluoranthene	5.00	4.22	84	70-130	
Benzo[g,h,i]perylene	5.00	4.50	90	70-130	
Benzoic acid	10.0	9.05	90	70-130	
Benzo[k]fluoranthene	5.00	4.62	92	70-130	
Benzyl alcohol	5.00	4.87	97	70-130	
Bis(2-chloroethoxy)methane	5.00	5.85	117	70-130	
Bis(2-chloroethyl)ether	5.00	5.72	114	70-130	
Bis(2-ethylhexyl) phthalate	5.00	4.10	82	70-130	
4-Bromophenyl phenyl ether	5.00	6.12	122	70-130	
Butyl benzyl phthalate	5.00	4.24	85	70-130	
Carbazole	5.00	4.63	93	70-130	
4-Chloro-3-methylphenol	5.00	4.93	99	70-130	
2-Chloronaphthalene	5.00	5.69	114	70-130	
2-Chlorophenol	5.00	4.95	99	70-130	
4-Chlorophenyl phenyl ether	5.00	5.56	111	70-130	
Chrysene	5.00	4.52	90	70-130	
Dibenz(a,h)anthracene	5.00	4.57	91	70-130	
Dibenzofuran	5.00	4.71	94	70-130	
1,4-Dichlorobenzene	5.00	4.78	96	70-130	
1,2-Dichlorobenzene	5.00	5.65	113	70-130	
1,3-Dichlorobenzene	5.00	5.83	117	70-130	
3,3'-Dichlorobenzidine	5.00	4.45	89	70-130	
2,4-Dichlorophenol	5.00	4.81	96	70-130	
Diethyl phthalate	5.00	4.52	90	70-130	
2,4-Dimethylphenol	5.00	4.76	95	70-130	
Dimethyl phthalate	5.00	4.63	93	70-130	
Di-n-butyl phthalate	5.00	4.33	87	70-130	
4,6-Dinitro-2-methylphenol	5.00	4.64	93	70-130	
2,4-Dinitrophenol	10.0	9.07	91	70-130	
2,4-Dinitrotoluene	5.00	6.14	123	70-130	
2,6-Dinitrotoluene	5.00	5.96	119	70-130	
Di-n-octyl phthalate	5.00	4.07	81	70-130	
Fluoranthene	5.00	4.47	89	70-130	
Fluorene	5.00	4.61	92	70-130	
Hexachlorobenzene	5.00	6.10	122	70-130	
Hexachlorobutadiene	5.00	5.87	117	70-130	
Hexachloroethane	5.00	5.57	111	70-130	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 21210003.D

Lab ID: MRL 240-67921/3 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Indeno[1,2,3-cd]pyrene	5.00	4.45	89	70-130	
Isophorone	5.00	4.63	93	70-130	
2-Methylnaphthalene	5.00	4.81	96	70-130	
2-Methylphenol	5.00	4.93	99	70-130	
3 & 4 Methylphenol	5.00	5.03	101	70-130	
Naphthalene	5.00	4.76	95	70-130	
2-Nitroaniline	5.00	4.92	98	70-130	
3-Nitroaniline	5.00	5.13	103	70-130	
4-Nitroaniline	5.00	5.22	104	70-130	
Nitrobenzene	5.00	5.83	117	70-130	
2-Nitrophenol	5.00	5.17	103	70-130	
4-Nitrophenol	5.00	4.64	93	70-130	
N-Nitrosodi-n-propylamine	5.00	5.12	102	70-130	
N-Nitrosodiphenylamine	5.00	4.79	96	70-130	
Pentachlorophenol	10.0	8.95	89	70-130	
Phenanthrene	5.00	4.57	91	70-130	
Phenol	5.00	4.98	100	70-130	
Pyrene	5.00	4.51	90	70-130	
1,2,4-Trichlorobenzene	5.00	5.96	119	70-130	
2,4,5-Trichlorophenol	5.00	4.63	93	70-130	
2,4,6-Trichlorophenol	5.00	5.03	101	70-130	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 21210008.D

Lab ID: MRL 240-67921/8 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Acenaphthene	5.00	4.62	92	70-130	
Acenaphthylene	5.00	4.77	95	70-130	
Anthracene	5.00	4.61	92	70-130	
Benzo[a]anthracene	5.00	4.45	89	70-130	
Benzo[a]pyrene	5.00	4.47	89	70-130	
Benzo[b]fluoranthene	5.00	4.41	88	70-130	
Benzo[g,h,i]perylene	5.00	3.74	75	70-130	
Benzoic acid	10.0	8.61	86	70-130	
Benzo[k]fluoranthene	5.00	4.62	92	70-130	
Benzyl alcohol	5.00	5.26	105	70-130	
Bis(2-chloroethoxy)methane	5.00	6.07	121	70-130	
Bis(2-chloroethyl)ether	5.00	6.23	125	70-130	
Bis(2-ethylhexyl) phthalate	5.00	4.48	90	70-130	
4-Bromophenyl phenyl ether	5.00	5.96	119	70-130	
Butyl benzyl phthalate	5.00	4.67	93	70-130	
Carbazole	5.00	4.41	88	70-130	
4-Chloro-3-methylphenol	5.00	4.94	99	70-130	
2-Chloronaphthalene	5.00	5.56	111	70-130	
2-Chlorophenol	5.00	5.16	103	70-130	
4-Chlorophenyl phenyl ether	5.00	5.47	109	70-130	
Chrysene	5.00	4.45	89	70-130	
Dibenz(a,h)anthracene	5.00	4.01	80	70-130	
Dibenzofuran	5.00	4.72	94	70-130	
1,4-Dichlorobenzene	5.00	5.02	100	70-130	
1,2-Dichlorobenzene	5.00	5.90	118	70-130	
1,3-Dichlorobenzene	5.00	6.04	121	70-130	
3,3'-Dichlorobenzidine	5.00	4.72	94	70-130	
2,4-Dichlorophenol	5.00	4.95	99	70-130	
Diethyl phthalate	5.00	4.50	90	70-130	
2,4-Dimethylphenol	5.00	4.83	97	70-130	
Dimethyl phthalate	5.00	4.58	92	70-130	
Di-n-butyl phthalate	5.00	4.42	88	70-130	
4,6-Dinitro-2-methylphenol	5.00	3.37	67	70-130	^
2,4-Dinitrophenol	10.0	5.44	54	70-130	^
2,4-Dinitrotoluene	5.00	5.86	117	70-130	
2,6-Dinitrotoluene	5.00	5.94	119	70-130	
Di-n-octyl phthalate	5.00	4.83	97	70-130	
Fluoranthene	5.00	4.35	87	70-130	
Fluorene	5.00	4.58	92	70-130	
Hexachlorobenzene	5.00	5.72	114	70-130	
Hexachlorobutadiene	5.00	5.67	113	70-130	
Hexachloroethane	5.00	4.50	90	70-130	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 21210008.D

Lab ID: MRL 240-67921/8 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Indeno[1,2,3-cd]pyrene	5.00	3.95	79	70-130	
Isophorone	5.00	4.80	96	70-130	
2-Methylnaphthalene	5.00	4.86	97	70-130	
2-Methylphenol	5.00	5.50	110	70-130	
3 & 4 Methylphenol	5.00	5.37	107	70-130	
Naphthalene	5.00	4.72	94	70-130	
2-Nitroaniline	5.00	5.16	103	70-130	
3-Nitroaniline	5.00	5.30	106	70-130	
4-Nitroaniline	5.00	4.88	98	70-130	
Nitrobenzene	5.00	5.94	119	70-130	
2-Nitrophenol	5.00	5.41	108	70-130	
4-Nitrophenol	5.00	4.51	90	70-130	
N-Nitrosodi-n-propylamine	5.00	5.37	107	70-130	
N-Nitrosodiphenylamine	5.00	4.73	95	70-130	
Pentachlorophenol	10.0	7.69	77	70-130	
Phenanthrene	5.00	4.37	87	70-130	
Phenol	5.00	5.23	105	70-130	
Pyrene	5.00	4.57	91	70-130	
1,2,4-Trichlorobenzene	5.00	5.79	116	70-130	
2,4,5-Trichlorophenol	5.00	4.45	89	70-130	
2,4,6-Trichlorophenol	5.00	4.85	97	70-130	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 21212104.D

Lab ID: MRL 240-68349/4 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Acenaphthene	5.00	4.93	99	70-130	
Acenaphthylene	5.00	5.02	100	70-130	
Anthracene	5.00	5.31	106	70-130	
Benzo[a]anthracene	5.00	5.00	100	70-130	
Benzo[a]pyrene	5.00	5.10	102	70-130	
Benzo[b]fluoranthene	5.00	5.06	101	70-130	
Benzo[g,h,i]perylene	5.00	5.20	104	70-130	
Benzoic acid	10.0	9.45	95	70-130	
Benzo[k]fluoranthene	5.00	5.38	108	70-130	
Benzyl alcohol	5.00	4.88	98	70-130	
Bis(2-chloroethoxy)methane	5.00	4.88	98	70-130	
Bis(2-chloroethyl)ether	5.00	4.97	99	70-130	
Bis(2-ethylhexyl) phthalate	5.00	5.16	103	70-130	
4-Bromophenyl phenyl ether	5.00	4.95	99	70-130	
Butyl benzyl phthalate	5.00	4.95	99	70-130	
Carbazole	5.00	5.06	101	70-130	
4-Chloro-3-methylphenol	5.00	4.85	97	70-130	
2-Chloronaphthalene	5.00	5.02	100	70-130	
2-Chlorophenol	5.00	4.94	99	70-130	
4-Chlorophenyl phenyl ether	5.00	4.89	98	70-130	
Chrysene	5.00	4.88	98	70-130	
Dibenz(a,h)anthracene	5.00	5.02	100	70-130	
Dibenzofuran	5.00	4.93	99	70-130	
1,4-Dichlorobenzene	5.00	5.00	100	70-130	
1,2-Dichlorobenzene	5.00	4.87	97	70-130	
1,3-Dichlorobenzene	5.00	4.86	97	70-130	
3,3'-Dichlorobenzidine	5.00	5.37	107	70-130	
2,4-Dichlorophenol	5.00	4.85	97	70-130	
Diethyl phthalate	5.00	5.03	101	70-130	
2,4-Dimethylphenol	5.00	4.93	99	70-130	
Dimethyl phthalate	5.00	4.96	99	70-130	
Di-n-butyl phthalate	5.00	4.89	98	70-130	
4,6-Dinitro-2-methylphenol	5.00	5.10	102	70-130	
2,4-Dinitrophenol	10.0	9.53	95	70-130	
2,4-Dinitrotoluene	5.00	5.20	104	70-130	
2,6-Dinitrotoluene	5.00	5.16	103	70-130	
Di-n-octyl phthalate	5.00	4.61	92	70-130	
Fluoranthene	5.00	5.09	102	70-130	
Fluorene	5.00	4.84	97	70-130	
Hexachlorobenzene	5.00	4.99	100	70-130	
Hexachlorobutadiene	5.00	4.81	96	70-130	
Hexachloroethane	5.00	4.95	99	70-130	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 21212104.D

Lab ID: MRL 240-68349/4 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Indeno[1,2,3-cd]pyrene	5.00	5.10	102	70-130	
Isophorone	5.00	4.81	96	70-130	
2-Methylnaphthalene	5.00	4.60	92	70-130	
2-Methylphenol	5.00	4.92	98	70-130	
3 & 4 Methylphenol	5.00	4.97	99	70-130	
Naphthalene	5.00	4.81	96	70-130	
2-Nitroaniline	5.00	5.13	103	70-130	
3-Nitroaniline	5.00	5.26	105	70-130	
4-Nitroaniline	5.00	5.02	100	70-130	
Nitrobenzene	5.00	5.10	102	70-130	
2-Nitrophenol	5.00	4.90	98	70-130	
4-Nitrophenol	5.00	4.32	86	70-130	
N-Nitrosodi-n-propylamine	5.00	5.05	101	70-130	
N-Nitrosodiphenylamine	5.00	5.33	107	70-130	
Pentachlorophenol	10.0	10.1	101	70-130	
Phenanthrene	5.00	4.93	99	70-130	
Phenol	5.00	5.05	101	70-130	
Pyrene	5.00	4.97	99	70-130	
1,2,4-Trichlorobenzene	5.00	4.84	97	70-130	
2,4,5-Trichlorophenol	5.00	5.06	101	70-130	
2,4,6-Trichlorophenol	5.00	5.21	104	70-130	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 21212111.D

Lab ID: MRL 240-68349/11 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Acenaphthene	5.00	4.83	97	70-130	
Acenaphthylene	5.00	5.01	100	70-130	
Anthracene	5.00	5.11	102	70-130	
Benzo[a]anthracene	5.00	4.95	99	70-130	
Benzo[a]pyrene	5.00	5.13	103	70-130	
Benzo[b]fluoranthene	5.00	4.83	97	70-130	
Benzo[g,h,i]perylene	5.00	4.77	95	70-130	
Benzoic acid	10.0	9.23	92	70-130	
Benzo[k]fluoranthene	5.00	4.88	98	70-130	
Benzyl alcohol	5.00	5.10	102	70-130	
Bis(2-chloroethoxy)methane	5.00	5.04	101	70-130	
Bis(2-chloroethyl)ether	5.00	4.98	100	70-130	
Bis(2-ethylhexyl) phthalate	5.00	5.41	108	70-130	
4-Bromophenyl phenyl ether	5.00	5.01	100	70-130	
Butyl benzyl phthalate	5.00	5.52	110	70-130	
Carbazole	5.00	4.78	96	70-130	
4-Chloro-3-methylphenol	5.00	5.07	101	70-130	
2-Chloronaphthalene	5.00	4.96	99	70-130	
2-Chlorophenol	5.00	4.97	99	70-130	
4-Chlorophenyl phenyl ether	5.00	4.82	96	70-130	
Chrysene	5.00	4.88	98	70-130	
Dibenz(a,h)anthracene	5.00	4.77	95	70-130	
Dibenzofuran	5.00	4.93	99	70-130	
1,4-Dichlorobenzene	5.00	4.85	97	70-130	
1,2-Dichlorobenzene	5.00	4.82	96	70-130	
1,3-Dichlorobenzene	5.00	4.86	97	70-130	
3,3'-Dichlorobenzidine	5.00	5.09	102	70-130	
2,4-Dichlorophenol	5.00	5.02	100	70-130	
Diethyl phthalate	5.00	4.81	96	70-130	
2,4-Dimethylphenol	5.00	5.24	105	70-130	
Dimethyl phthalate	5.00	4.94	99	70-130	
Di-n-butyl phthalate	5.00	4.94	99	70-130	
4,6-Dinitro-2-methylphenol	5.00	4.78	96	70-130	
2,4-Dinitrophenol	10.0	8.78	88	70-130	
2,4-Dinitrotoluene	5.00	5.08	102	70-130	
2,6-Dinitrotoluene	5.00	5.26	105	70-130	
Di-n-octyl phthalate	5.00	5.60	112	70-130	
Fluoranthene	5.00	4.76	95	70-130	
Fluorene	5.00	4.91	98	70-130	
Hexachlorobenzene	5.00	4.66	93	70-130	
Hexachlorobutadiene	5.00	4.85	97	70-130	
Hexachloroethane	5.00	3.26	65	70-130	^

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 21212111.D

Lab ID: MRL 240-68349/11 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Indeno[1,2,3-cd]pyrene	5.00	4.74	95	70-130	
Isophorone	5.00	5.15	103	70-130	
2-Methylnaphthalene	5.00	4.91	98	70-130	
2-Methylphenol	5.00	5.17	103	70-130	
3 & 4 Methylphenol	5.00	5.13	103	70-130	
Naphthalene	5.00	4.89	98	70-130	
2-Nitroaniline	5.00	5.26	105	70-130	
3-Nitroaniline	5.00	5.43	109	70-130	
4-Nitroaniline	5.00	5.15	103	70-130	
Nitrobenzene	5.00	5.12	102	70-130	
2-Nitrophenol	5.00	5.44	109	70-130	
4-Nitrophenol	5.00	4.29	86	70-130	
N-Nitrosodi-n-propylamine	5.00	5.31	106	70-130	
N-Nitrosodiphenylamine	5.00	5.01	100	70-130	
Pentachlorophenol	10.0	8.82	88	70-130	
Phenanthrene	5.00	4.60	92	70-130	
Phenol	5.00	4.95	99	70-130	
Pyrene	5.00	4.99	100	70-130	
1,2,4-Trichlorobenzene	5.00	4.88	98	70-130	
2,4,5-Trichlorophenol	5.00	4.98	100	70-130	
2,4,6-Trichlorophenol	5.00	4.93	99	70-130	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 21213104.D

Lab ID: MRL 240-68588/4 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Acenaphthene	5.00	4.92	98	70-130	
Acenaphthylene	5.00	5.12	102	70-130	
Anthracene	5.00	5.14	103	70-130	
Benzo[a]anthracene	5.00	4.92	98	70-130	
Benzo[a]pyrene	5.00	5.17	103	70-130	
Benzo[b]fluoranthene	5.00	4.95	99	70-130	
Benzo[g,h,i]perylene	5.00	5.18	104	70-130	
Benzoic acid	10.0	9.15	92	70-130	
Benzo[k]fluoranthene	5.00	5.11	102	70-130	
Benzyl alcohol	5.00	5.15	103	70-130	
Bis(2-chloroethoxy)methane	5.00	5.20	104	70-130	
Bis(2-chloroethyl)ether	5.00	5.29	106	70-130	
Bis(2-ethylhexyl) phthalate	5.00	4.84	97	70-130	
4-Bromophenyl phenyl ether	5.00	5.02	100	70-130	
Butyl benzyl phthalate	5.00	4.81	96	70-130	
Carbazole	5.00	4.96	99	70-130	
4-Chloro-3-methylphenol	5.00	4.89	98	70-130	
2-Chloronaphthalene	5.00	5.33	107	70-130	
2-Chlorophenol	5.00	4.94	99	70-130	
4-Chlorophenyl phenyl ether	5.00	5.10	102	70-130	
Chrysene	5.00	5.02	100	70-130	
Dibenz(a,h)anthracene	5.00	4.79	96	70-130	
Dibenzofuran	5.00	5.07	101	70-130	
1,4-Dichlorobenzene	5.00	4.83	97	70-130	
1,2-Dichlorobenzene	5.00	4.92	98	70-130	
1,3-Dichlorobenzene	5.00	5.00	100	70-130	
3,3'-Dichlorobenzidine	5.00	5.39	108	70-130	
2,4-Dichlorophenol	5.00	5.13	103	70-130	
Diethyl phthalate	5.00	5.00	100	70-130	
2,4-Dimethylphenol	5.00	5.22	104	70-130	
Dimethyl phthalate	5.00	5.08	102	70-130	
Di-n-butyl phthalate	5.00	4.98	100	70-130	
4,6-Dinitro-2-methylphenol	5.00	4.97	99	70-130	
2,4-Dinitrophenol	10.0	8.93	89	70-130	
2,4-Dinitrotoluene	5.00	5.31	106	70-130	
2,6-Dinitrotoluene	5.00	5.29	106	70-130	
Di-n-octyl phthalate	5.00	4.45	89	70-130	
Fluoranthene	5.00	4.94	99	70-130	
Fluorene	5.00	5.08	102	70-130	
Hexachlorobenzene	5.00	5.11	102	70-130	
Hexachlorobutadiene	5.00	4.90	98	70-130	
Hexachloroethane	5.00	4.85	97	70-130	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 21213104.D

Lab ID: MRL 240-68588/4 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Indeno[1,2,3-cd]pyrene	5.00	4.89	98	70-130	
Isophorone	5.00	5.18	104	70-130	
2-Methylnaphthalene	5.00	4.85	97	70-130	
2-Methylphenol	5.00	4.93	99	70-130	
3 & 4 Methylphenol	5.00	5.17	103	70-130	
Naphthalene	5.00	5.02	100	70-130	
2-Nitroaniline	5.00	5.34	107	70-130	
3-Nitroaniline	5.00	5.26	105	70-130	
4-Nitroaniline	5.00	5.28	106	70-130	
Nitrobenzene	5.00	5.15	103	70-130	
2-Nitrophenol	5.00	5.06	101	70-130	
4-Nitrophenol	5.00	4.79	96	70-130	
N-Nitrosodi-n-propylamine	5.00	5.23	105	70-130	
N-Nitrosodiphenylamine	5.00	5.05	101	70-130	
Pentachlorophenol	10.0	9.62	96	70-130	
Phenanthrene	5.00	4.95	99	70-130	
Phenol	5.00	5.04	101	70-130	
Pyrene	5.00	4.92	98	70-130	
1,2,4-Trichlorobenzene	5.00	5.10	102	70-130	
2,4,5-Trichlorophenol	5.00	5.15	103	70-130	
2,4,6-Trichlorophenol	5.00	5.23	105	70-130	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 21213110.D

Lab ID: MRL 240-68588/10 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Acenaphthene	5.00	4.65	93	70-130	
Acenaphthylene	5.00	4.86	97	70-130	
Anthracene	5.00	5.08	102	70-130	
Benzo[a]anthracene	5.00	4.90	98	70-130	
Benzo[a]pyrene	5.00	5.08	102	70-130	
Benzo[b]fluoranthene	5.00	4.77	95	70-130	
Benzo[g,h,i]perylene	5.00	4.20	84	70-130	
Benzoic acid	10.0	9.09	91	70-130	
Benzo[k]fluoranthene	5.00	5.16	103	70-130	
Benzyl alcohol	5.00	4.99	100	70-130	
Bis(2-chloroethoxy)methane	5.00	5.07	101	70-130	
Bis(2-chloroethyl)ether	5.00	5.10	102	70-130	
Bis(2-ethylhexyl) phthalate	5.00	5.50	110	70-130	
4-Bromophenyl phenyl ether	5.00	5.16	103	70-130	
Butyl benzyl phthalate	5.00	5.29	106	70-130	
Carbazole	5.00	4.96	99	70-130	
4-Chloro-3-methylphenol	5.00	5.05	101	70-130	
2-Chloronaphthalene	5.00	4.83	97	70-130	
2-Chlorophenol	5.00	5.09	102	70-130	
4-Chlorophenyl phenyl ether	5.00	4.61	92	70-130	
Chrysene	5.00	4.92	98	70-130	
Dibenz(a,h)anthracene	5.00	4.20	84	70-130	
Dibenzofuran	5.00	4.72	94	70-130	
1,4-Dichlorobenzene	5.00	4.90	98	70-130	
1,2-Dichlorobenzene	5.00	5.01	100	70-130	
1,3-Dichlorobenzene	5.00	4.92	98	70-130	
3,3'-Dichlorobenzidine	5.00	5.24	105	70-130	
2,4-Dichlorophenol	5.00	5.06	101	70-130	
Diethyl phthalate	5.00	4.97	99	70-130	
2,4-Dimethylphenol	5.00	5.17	103	70-130	
Dimethyl phthalate	5.00	4.86	97	70-130	
Di-n-butyl phthalate	5.00	5.02	100	70-130	
4,6-Dinitro-2-methylphenol	5.00	4.03	81	70-130	
2,4-Dinitrophenol	10.0	5.50	55	70-130	^
2,4-Dinitrotoluene	5.00	4.90	98	70-130	
2,6-Dinitrotoluene	5.00	5.08	102	70-130	
Di-n-octyl phthalate	5.00	5.43	109	70-130	
Fluoranthene	5.00	4.86	97	70-130	
Fluorene	5.00	4.67	93	70-130	
Hexachlorobenzene	5.00	4.92	98	70-130	
Hexachlorobutadiene	5.00	5.02	100	70-130	
Hexachloroethane	5.00	3.19	64	70-130	^

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 21213110.D

Lab ID: MRL 240-68588/10 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Indeno[1,2,3-cd]pyrene	5.00	4.33	87	70-130	
Isophorone	5.00	5.30	106	70-130	
2-Methylnaphthalene	5.00	4.91	98	70-130	
2-Methylphenol	5.00	5.27	105	70-130	
3 & 4 Methylphenol	5.00	5.04	101	70-130	
Naphthalene	5.00	4.98	100	70-130	
2-Nitroaniline	5.00	5.22	104	70-130	
3-Nitroaniline	5.00	5.38	108	70-130	
4-Nitroaniline	5.00	5.17	103	70-130	
Nitrobenzene	5.00	5.25	105	70-130	
2-Nitrophenol	5.00	5.20	104	70-130	
4-Nitrophenol	5.00	4.58	92	70-130	
N-Nitrosodi-n-propylamine	5.00	5.20	104	70-130	
N-Nitrosodiphenylamine	5.00	5.28	106	70-130	
Pentachlorophenol	10.0	9.39	94	70-130	
Phenanthrene	5.00	4.71	94	70-130	
Phenol	5.00	5.20	104	70-130	
Pyrene	5.00	4.86	97	70-130	
1,2,4-Trichlorobenzene	5.00	4.98	100	70-130	
2,4,5-Trichlorophenol	5.00	4.83	97	70-130	
2,4,6-Trichlorophenol	5.00	5.10	102	70-130	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 21215003.D

Lab ID: MRL 240-68844/3 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Acenaphthene	5.00	4.69	94	70-130	
Acenaphthylene	5.00	4.74	95	70-130	
Anthracene	5.00	5.14	103	70-130	
Benzo[a]anthracene	5.00	5.04	101	70-130	
Benzo[a]pyrene	5.00	5.25	105	70-130	
Benzo[b]fluoranthene	5.00	4.95	99	70-130	
Benzo[g,h,i]perylene	5.00	5.23	105	70-130	
Benzoic acid	10.0	7.40	74	70-130	
Benzo[k]fluoranthene	5.00	5.28	106	70-130	
Benzyl alcohol	5.00	5.14	103	70-130	
Bis(2-chloroethoxy)methane	5.00	5.01	100	70-130	
Bis(2-chloroethyl)ether	5.00	5.46	109	70-130	
Bis(2-ethylhexyl) phthalate	5.00	4.93	99	70-130	
4-Bromophenyl phenyl ether	5.00	5.15	103	70-130	
Butyl benzyl phthalate	5.00	5.02	100	70-130	
Carbazole	5.00	4.91	98	70-130	
4-Chloro-3-methylphenol	5.00	4.98	100	70-130	
2-Chloronaphthalene	5.00	4.84	97	70-130	
2-Chlorophenol	5.00	5.48	110	70-130	
4-Chlorophenyl phenyl ether	5.00	4.63	93	70-130	
Chrysene	5.00	5.21	104	70-130	
Dibenz(a,h)anthracene	5.00	4.75	95	70-130	
Dibenzofuran	5.00	4.87	97	70-130	
1,4-Dichlorobenzene	5.00	5.34	107	70-130	
1,2-Dichlorobenzene	5.00	5.32	106	70-130	
1,3-Dichlorobenzene	5.00	5.21	104	70-130	
3,3'-Dichlorobenzidine	5.00	5.27	105	70-130	
2,4-Dichlorophenol	5.00	4.83	97	70-130	
Diethyl phthalate	5.00	4.70	94	70-130	
2,4-Dimethylphenol	5.00	5.00	100	70-130	
Dimethyl phthalate	5.00	4.79	96	70-130	
Di-n-butyl phthalate	5.00	4.69	94	70-130	
4,6-Dinitro-2-methylphenol	5.00	4.89	98	70-130	
2,4-Dinitrophenol	10.0	7.94	79	70-130	
2,4-Dinitrotoluene	5.00	4.95	99	70-130	
2,6-Dinitrotoluene	5.00	4.90	98	70-130	
Di-n-octyl phthalate	5.00	4.52	90	70-130	
Fluoranthene	5.00	5.10	102	70-130	
Fluorene	5.00	4.65	93	70-130	
Hexachlorobenzene	5.00	5.32	106	70-130	
Hexachlorobutadiene	5.00	5.04	101	70-130	
Hexachloroethane	5.00	5.38	108	70-130	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 21215003.D

Lab ID: MRL 240-68844/3 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Indeno[1,2,3-cd]pyrene	5.00	4.94	99	70-130	
Isophorone	5.00	5.16	103	70-130	
2-Methylnaphthalene	5.00	4.78	96	70-130	
2-Methylphenol	5.00	5.32	106	70-130	
3 & 4 Methylphenol	5.00	5.29	106	70-130	
Naphthalene	5.00	4.74	95	70-130	
2-Nitroaniline	5.00	5.29	106	70-130	
3-Nitroaniline	5.00	4.97	99	70-130	
4-Nitroaniline	5.00	5.30	106	70-130	
Nitrobenzene	5.00	5.06	101	70-130	
2-Nitrophenol	5.00	5.12	102	70-130	
4-Nitrophenol	5.00	3.83	77	70-130	
N-Nitrosodi-n-propylamine	5.00	5.66	113	70-130	
N-Nitrosodiphenylamine	5.00	5.28	106	70-130	
Pentachlorophenol	10.0	8.49	85	70-130	
Phenanthrene	5.00	4.88	98	70-130	
Phenol	5.00	5.46	109	70-130	
Pyrene	5.00	4.93	99	70-130	
1,2,4-Trichlorobenzene	5.00	4.78	96	70-130	
2,4,5-Trichlorophenol	5.00	4.64	93	70-130	
2,4,6-Trichlorophenol	5.00	4.58	92	70-130	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 21215009.D

Lab ID: MRL 240-68844/9 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Acenaphthene	5.00	4.62	92	70-130	
Acenaphthylene	5.00	4.76	95	70-130	
Anthracene	5.00	5.08	102	70-130	
Benzo[a]anthracene	5.00	4.89	98	70-130	
Benzo[a]pyrene	5.00	5.05	101	70-130	
Benzo[b]fluoranthene	5.00	4.75	95	70-130	
Benzo[g,h,i]perylene	5.00	4.38	88	70-130	
Benzoic acid	10.0	6.26	63	70-130	^
Benzo[k]fluoranthene	5.00	5.01	100	70-130	
Benzyl alcohol	5.00	5.15	103	70-130	
Bis(2-chloroethoxy)methane	5.00	5.11	102	70-130	
Bis(2-chloroethyl)ether	5.00	5.35	107	70-130	
Bis(2-ethylhexyl) phthalate	5.00	5.38	108	70-130	
4-Bromophenyl phenyl ether	5.00	5.15	103	70-130	
Butyl benzyl phthalate	5.00	5.39	108	70-130	
Carbazole	5.00	4.87	97	70-130	
4-Chloro-3-methylphenol	5.00	5.00	100	70-130	
2-Chloronaphthalene	5.00	4.76	95	70-130	
2-Chlorophenol	5.00	5.43	109	70-130	
4-Chlorophenyl phenyl ether	5.00	4.74	95	70-130	
Chrysene	5.00	4.98	100	70-130	
Dibenz(a,h)anthracene	5.00	4.45	89	70-130	
Dibenzofuran	5.00	4.64	93	70-130	
1,4-Dichlorobenzene	5.00	5.10	102	70-130	
1,2-Dichlorobenzene	5.00	5.32	106	70-130	
1,3-Dichlorobenzene	5.00	5.22	104	70-130	
3,3'-Dichlorobenzidine	5.00	5.17	103	70-130	
2,4-Dichlorophenol	5.00	4.94	99	70-130	
Diethyl phthalate	5.00	4.78	96	70-130	
2,4-Dimethylphenol	5.00	5.06	101	70-130	
Dimethyl phthalate	5.00	4.57	91	70-130	
Di-n-butyl phthalate	5.00	5.00	100	70-130	
4,6-Dinitro-2-methylphenol	5.00	4.29	86	70-130	
2,4-Dinitrophenol	10.0	5.31	53	70-130	^
2,4-Dinitrotoluene	5.00	5.07	101	70-130	
2,6-Dinitrotoluene	5.00	4.81	96	70-130	
Di-n-octyl phthalate	5.00	5.51	110	70-130	
Fluoranthene	5.00	4.78	96	70-130	
Fluorene	5.00	4.58	92	70-130	
Hexachlorobenzene	5.00	5.09	102	70-130	
Hexachlorobutadiene	5.00	4.73	95	70-130	
Hexachloroethane	5.00	2.92	58	70-130	^

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 21215009.D

Lab ID: MRL 240-68844/9 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
Indeno[1,2,3-cd]pyrene	5.00	4.56	91	70-130	
Isophorone	5.00	5.25	105	70-130	
2-Methylnaphthalene	5.00	4.77	95	70-130	
2-Methylphenol	5.00	5.61	112	70-130	
3 & 4 Methylphenol	5.00	5.47	109	70-130	
Naphthalene	5.00	4.84	97	70-130	
2-Nitroaniline	5.00	5.06	101	70-130	
3-Nitroaniline	5.00	5.04	101	70-130	
4-Nitroaniline	5.00	4.99	100	70-130	
Nitrobenzene	5.00	5.23	105	70-130	
2-Nitrophenol	5.00	5.02	100	70-130	
4-Nitrophenol	5.00	3.48	70	70-130	
N-Nitrosodi-n-propylamine	5.00	5.49	110	70-130	
N-Nitrosodiphenylamine	5.00	5.00	100	70-130	
Pentachlorophenol	10.0	6.11	61	70-130	^
Phenanthrene	5.00	4.72	94	70-130	
Phenol	5.00	5.58	112	70-130	
Pyrene	5.00	4.97	99	70-130	
1,2,4-Trichlorobenzene	5.00	4.76	95	70-130	
2,4,5-Trichlorophenol	5.00	4.52	90	70-130	
2,4,6-Trichlorophenol	5.00	4.49	90	70-130	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21121008.D

Lab ID: 240-17317-7 MS Client ID: 068SS-0003M-0001-SO MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Acenaphthene	665	17	475	69	45-110	
Acenaphthylene	665	9.2	472	70	45-105	
Anthracene	665	48	524	72	55-105	
Benzo[a]anthracene	665	270	743	71	50-110	
Benzo[a]pyrene	665	330	681	53	50-110	
Benzo[b]fluoranthene	665	520	896	57	45-115	
Benzo[g,h,i]perylene	665	260	588	50	40-125	
Benzoic acid	665	330 U	330 U	0	0-110	
Benzo[k]fluoranthene	665	180	632	69	45-125	
Benzyl alcohol	665	27 U	448	67	20-125	
Bis(2-chloroethoxy)methane	665	27 U	415	62	45-110	
Bis(2-chloroethyl)ether	665	3.3 U	408	61	40-105	
bis (2-chloroisopropyl) ether	665	27 U	400	60	20-115	
Bis(2-ethylhexyl) phthalate	665	34 J	503	71	45-125	
4-Bromophenyl phenyl ether	665	27 U	474	71	45-115	
Butyl benzyl phthalate	665	27 U	485	73	50-125	
Carbazole	665	44 J	472	64	45-115	
4-Chloroaniline	665	27 U	55.8 J	8	10-95	J
4-Chloro-3-methylphenol	665	27 U	505	76	45-115	
2-Chloronaphthalene	665	3.3 U	441	66	45-105	
2-Chlorophenol	665	27 U	418	63	45-105	
4-Chlorophenyl phenyl ether	665	27 U	482	72	45-110	
Chrysene	665	340	783	67	55-110	
Dibenz(a,h)anthracene	665	57	412	53	40-125	
Dibenzofuran	665	15 J	473	69	50-105	
1,4-Dichlorobenzene	665	27 U	400	60	35-105	
1,2-Dichlorobenzene	665	27 U	379	57	45-95	
1,3-Dichlorobenzene	665	27 U	370	56	40-100	
3,3'-Dichlorobenzidine	665	80 U	25.2 J	4	10-130	J
2,4-Dichlorophenol	665	27 U	479	72	45-110	
Diethyl phthalate	665	22 J	501	72	50-115	
2,4-Dimethylphenol	665	80 U	429	65	30-105	
Dimethyl phthalate	665	27 U	499	75	50-110	
Di-n-butyl phthalate	665	19 J	518	75	55-110	
4,6-Dinitro-2-methylphenol	665	80 U	338	51	30-135	
2,4-Dinitrophenol	665	80 U	247 J	37	15-130	
2,4-Dinitrotoluene	665	27 U	490	74	50-115	
2,6-Dinitrotoluene	665	27 U	505	76	50-110	
Di-n-octyl phthalate	665	27 U	496	75	40-130	
Fluoranthene	665	650	1070	64	55-115	
Fluorene	665	16	494	72	50-110	
Hexachlorobenzene	665	3.3 U	482	72	45-120	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21121008.D

Lab ID: 240-17317-7 MS Client ID: 068SS-0003M-0001-SO MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Hexachlorobutadiene	665	27 U	411	62	40-115	
Hexachloroethane	665	27 U	356	54	35-110	
Indeno[1,2,3-cd]pyrene	665	220	569	52	40-120	
Isophorone	665	16 J	470	68	45-110	
2-Methylnaphthalene	665	30	469	66	45-105	
2-Methylphenol	665	80 U	444	67	40-105	
3 & 4 Methylphenol	1330	80 U	890	67	40-105	
Naphthalene	665	24	450	64	40-105	
2-Nitroaniline	665	27 U	504	76	45-120	
3-Nitroaniline	665	80 U	202	30	25-110	
4-Nitroaniline	665	27 U	242	36	35-115	
Nitrobenzene	665	3.3 U	416	63	40-115	
2-Nitrophenol	665	27 U	460	69	40-110	
4-Nitrophenol	665	80 U	510	77	15-140	
N-Nitrosodi-n-propylamine	665	27 U	442	67	40-115	
N-Nitrosodiphenylamine	665	27 U	475	71	50-115	
Pentachlorophenol	665	80 U	445	67	25-120	
Phenanthrene	665	250	697	67	50-110	
Phenol	665	27 U	455	68	40-100	
Pyrene	665	480	881	60	45-125	
1,2,4-Trichlorobenzene	665	27 U	392	59	45-110	
2,4,5-Trichlorophenol	665	27 U	512	77	50-110	
2,4,6-Trichlorophenol	665	80 U	513	77	45-110	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21129018.D

Lab ID: 240-17317-19 MS Client ID: 076SD-0009-0001-SO MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Acenaphthene	670	7.1	428	63	45-110	
Acenaphthylene	670	13	432	62	45-105	
Anthracene	670	16	482	70	55-105	
Benzo[a]anthracene	670	71	491	63	50-110	
Benzo[a]pyrene	670	69	438	55	50-110	
Benzo[b]fluoranthene	670	110	500	59	45-115	
Benzo[g,h,i]perylene	670	39	256	32	40-125	J
Benzoic acid	670	340 U	354 J	53	0-110	
Benzo[k]fluoranthene	670	38	481	66	45-125	
Benzyl alcohol	670	27 U	461	69	20-125	
Bis(2-chloroethoxy)methane	670	27 U	417	62	45-110	
Bis(2-chloroethyl)ether	670	3.3 U	421	63	40-105	
bis (2-chloroisopropyl) ether	670	27 U	412	62	20-115	
Bis(2-ethylhexyl) phthalate	670	89	496	61	45-125	
4-Bromophenyl phenyl ether	670	27 U	432	65	45-115	
Butyl benzyl phthalate	670	27 U	449	67	50-125	
Carbazole	670	27 U	448	67	45-115	
4-Chloroaniline	670	27 U	21.1 J	3	10-95	J
4-Chloro-3-methylphenol	670	27 U	461	69	45-115	
2-Chloronaphthalene	670	3.3 U	416	62	45-105	
2-Chlorophenol	670	27 U	430	64	45-105	
4-Chlorophenyl phenyl ether	670	27 U	428	64	45-110	
Chrysene	670	73	493	63	55-110	
Dibenz(a,h)anthracene	670	3.3 U	287	43	40-125	
Dibenzofuran	670	14 J	441	64	50-105	
1,4-Dichlorobenzene	670	27 U	353	53	35-105	
1,2-Dichlorobenzene	670	27 U	366	55	45-95	
1,3-Dichlorobenzene	670	27 U	331	49	40-100	
3,3'-Dichlorobenzidine	670	81 U	80 U	0	10-130	J
2,4-Dichlorophenol	670	27 U	465	69	45-110	
Diethyl phthalate	670	23 J	461	65	50-115	
2,4-Dimethylphenol	670	81 U	436	65	30-105	
Dimethyl phthalate	670	27 U	449	67	50-110	
Di-n-butyl phthalate	670	27 U	485	72	55-110	
4,6-Dinitro-2-methylphenol	670	81 U	353	53	30-135	
2,4-Dinitrophenol	670	81 U	335	50	15-130	
2,4-Dinitrotoluene	670	27 U	469	70	50-115	
2,6-Dinitrotoluene	670	27 U	487	73	50-110	
Di-n-octyl phthalate	670	27 U	527	79	40-130	
Fluoranthene	670	120	583	69	55-115	
Fluorene	670	12	446	65	50-110	
Hexachlorobenzene	670	3.3 U	426	64	45-120	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21129018.D

Lab ID: 240-17317-19 MS Client ID: 076SD-0009-0001-SO MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
Hexachlorobutadiene	670	27 U	361	54	40-115	
Hexachloroethane	670	27 U	128	19	35-110	J
Indeno[1,2,3-cd]pyrene	670	33	293	39	40-120	J
Isophorone	670	18 J	454	65	45-110	
2-Methylnaphthalene	670	30	443	62	45-105	
2-Methylphenol	670	81 U	467	70	40-105	
3 & 4 Methylphenol	1340	81 U	929	69	40-105	
Naphthalene	670	22	425	60	40-105	
2-Nitroaniline	670	27 U	488	73	45-120	
3-Nitroaniline	670	81 U	80 U	0	25-110	J
4-Nitroaniline	670	27 U	27 U	0	35-115	J
Nitrobenzene	670	3.3 U	420	63	40-115	
2-Nitrophenol	670	27 U	429	64	40-110	
4-Nitrophenol	670	81 U	445	66	15-140	
N-Nitrosodi-n-propylamine	670	27 U	443	66	40-115	
N-Nitrosodiphenylamine	670	27 U	437	65	50-115	
Pentachlorophenol	670	81 U	383	57	25-120	
Phenanthrene	670	68	517	67	50-110	
Phenol	670	27 U	465	69	40-100	
Pyrene	670	100	510	60	45-125	
1,2,4-Trichlorobenzene	670	27 U	370	55	45-110	
2,4,5-Trichlorophenol	670	27 U	444	66	50-110	
2,4,6-Trichlorophenol	670	81 U	449	67	45-110	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21121009.D

Lab ID: 240-17317-7 MSD Client ID: 068SS-0003M-0001-SO MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Acenaphthene	658	442	65	7	30	45-110	
Acenaphthylene	658	439	65	7	30	45-105	
Anthracene	658	496	68	6	30	55-105	
Benzo[a]anthracene	658	700	65	6	30	50-110	
Benzo[a]pyrene	658	633	46	7	30	50-110	J
Benzo[b]fluoranthene	658	839	49	7	30	45-115	
Benzo[g,h,i]perylene	658	496	36	17	30	40-125	J
Benzoic acid	658	330 U	0	NC	30	0-110	
Benzo[k]fluoranthene	658	595	64	6	30	45-125	
Benzyl alcohol	658	440	67	2	30	20-125	
Bis(2-chloroethoxy)methane	658	407	62	2	30	45-110	
Bis(2-chloroethyl)ether	658	387	59	5	30	40-105	
bis (2-chloroisopropyl) ether	658	379	58	5	30	20-115	
Bis(2-ethylhexyl) phthalate	658	481	68	5	30	45-125	
4-Bromophenyl phenyl ether	658	451	69	5	30	45-115	
Butyl benzyl phthalate	658	466	71	4	30	50-125	
Carbazole	658	453	62	4	30	45-115	
4-Chloroaniline	658	83.2 J	13	39	30	10-95	J
4-Chloro-3-methylphenol	658	485	74	4	30	45-115	
2-Chloronaphthalene	658	407	62	8	30	45-105	
2-Chlorophenol	658	416	63	0	30	45-105	
4-Chlorophenyl phenyl ether	658	447	68	7	30	45-110	
Chrysene	658	751	63	4	30	55-110	
Dibenz(a,h)anthracene	658	364	47	12	30	40-125	
Dibenzofuran	658	438	64	8	30	50-105	
1,4-Dichlorobenzene	658	377	57	6	30	35-105	
1,2-Dichlorobenzene	658	365	55	4	30	45-95	
1,3-Dichlorobenzene	658	344	52	7	30	40-100	
3,3'-Dichlorobenzidine	658	37.3 J	6	39	30	10-130	J
2,4-Dichlorophenol	658	458	70	5	30	45-110	
Diethyl phthalate	658	476	69	5	30	50-115	
2,4-Dimethylphenol	658	413	63	4	30	30-105	
Dimethyl phthalate	658	459	70	8	30	50-110	
Di-n-butyl phthalate	658	497	73	4	30	55-110	
4,6-Dinitro-2-methylphenol	658	290	44	15	30	30-135	
2,4-Dinitrophenol	658	236 J	36	5	30	15-130	
2,4-Dinitrotoluene	658	463	70	6	30	50-115	
2,6-Dinitrotoluene	658	483	73	5	30	50-110	
Di-n-octyl phthalate	658	473	72	5	30	40-130	
Fluoranthene	658	1000	54	7	30	55-115	J
Fluorene	658	456	67	8	30	50-110	
Hexachlorobenzene	658	458	70	5	30	45-120	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21121009.D

Lab ID: 240-17317-7 MSD Client ID: 068SS-0003M-0001-SO MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Hexachlorobutadiene	658	405	61	2	30	40-115	
Hexachloroethane	658	325	49	9	30	35-110	
Indeno[1,2,3-cd]pyrene	658	491	41	15	30	40-120	
Isophorone	658	447	65	5	30	45-110	
2-Methylnaphthalene	658	435	62	7	30	45-105	
2-Methylphenol	658	410	62	8	30	40-105	
3 & 4 Methylphenol	1320	860	65	3	30	40-105	
Naphthalene	658	427	61	5	30	40-105	
2-Nitroaniline	658	481	73	5	30	45-120	
3-Nitroaniline	658	222	34	10	30	25-110	
4-Nitroaniline	658	272	41	12	30	35-115	
Nitrobenzene	658	402	61	3	30	40-115	
2-Nitrophenol	658	453	69	2	30	40-110	
4-Nitrophenol	658	470	71	8	30	15-140	
N-Nitrosodi-n-propylamine	658	425	65	4	30	40-115	
N-Nitrosodiphenylamine	658	462	70	3	30	50-115	
Pentachlorophenol	658	417	63	6	30	25-120	
Phenanthrene	658	653	61	6	30	50-110	
Phenol	658	436	66	4	30	40-100	
Pyrene	658	840	54	5	30	45-125	
1,2,4-Trichlorobenzene	658	379	58	4	30	45-110	
2,4,5-Trichlorophenol	658	478	73	7	30	50-110	
2,4,6-Trichlorophenol	658	481	73	6	30	45-110	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21129019.D

Lab ID: 240-17317-19 MSD Client ID: 076SD-0009-0001-SO MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Acenaphthene	658	492	74	14	30	45-110	
Acenaphthylene	658	506	75	16	30	45-105	
Anthracene	658	512	75	6	30	55-105	
Benzo[a]anthracene	658	516	68	5	30	50-110	
Benzo[a]pyrene	658	473	61	8	30	50-110	
Benzo[b]fluoranthene	658	577	71	14	30	45-115	
Benzo[g,h,i]perylene	658	266	35	4	30	40-125	J
Benzoic acid	658	404 J	61	13	30	0-110	
Benzo[k]fluoranthene	658	515	72	7	30	45-125	
Benzyl alcohol	658	550	84	18	30	20-125	
Bis(2-chloroethoxy)methane	658	479	73	14	30	45-110	
Bis(2-chloroethyl)ether	658	509	77	19	30	40-105	
bis (2-chloroisopropyl) ether	658	500	76	19	30	20-115	
Bis(2-ethylhexyl) phthalate	658	549	70	10	30	45-125	
4-Bromophenyl phenyl ether	658	481	73	11	30	45-115	
Butyl benzyl phthalate	658	512	78	13	30	50-125	
Carbazole	658	489	74	9	30	45-115	
4-Chloroaniline	658	18.8 J	3	12	30	10-95	J
4-Chloro-3-methylphenol	658	543	83	16	30	45-115	
2-Chloronaphthalene	658	469	71	12	30	45-105	
2-Chlorophenol	658	496	75	14	30	45-105	
4-Chlorophenyl phenyl ether	658	484	74	12	30	45-110	
Chrysene	658	546	72	10	30	55-110	
Dibenz(a,h)anthracene	658	308	47	7	30	40-125	
Dibenzofuran	658	496	73	12	30	50-105	
1,4-Dichlorobenzene	658	469	71	28	30	35-105	
1,2-Dichlorobenzene	658	466	71	24	30	45-95	
1,3-Dichlorobenzene	658	434	66	27	30	40-100	
3,3'-Dichlorobenzidine	658	79 U	0	NC	30	10-130	J
2,4-Dichlorophenol	658	515	78	10	30	45-110	
Diethyl phthalate	658	509	74	10	30	50-115	
2,4-Dimethylphenol	658	503	77	14	30	30-105	
Dimethyl phthalate	658	500	76	11	30	50-110	
Di-n-butyl phthalate	658	520	79	7	30	55-110	
4,6-Dinitro-2-methylphenol	658	398	61	12	30	30-135	
2,4-Dinitrophenol	658	394	60	16	30	15-130	
2,4-Dinitrotoluene	658	538	82	14	30	50-115	
2,6-Dinitrotoluene	658	541	82	11	30	50-110	
Di-n-octyl phthalate	658	623	95	17	30	40-130	
Fluoranthene	658	584	70	0	30	55-115	
Fluorene	658	485	72	8	30	50-110	
Hexachlorobenzene	658	471	72	10	30	45-120	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM III
GC/MS SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 21129019.D

Lab ID: 240-17317-19 MSD Client ID: 076SD-0009-0001-SO MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Hexachlorobutadiene	658	432	66	18	30	40-115	
Hexachloroethane	658	140	21	9	30	35-110	J
Indeno[1,2,3-cd]pyrene	658	311	42	6	30	40-120	
Isophorone	658	530	78	15	30	45-110	
2-Methylnaphthalene	658	501	72	12	30	45-105	
2-Methylphenol	658	549	83	16	30	40-105	
3 & 4 Methylphenol	1320	1080	82	15	30	40-105	
Naphthalene	658	497	72	16	30	40-105	
2-Nitroaniline	658	527	80	8	30	45-120	
3-Nitroaniline	658	79 U	0	NC	30	25-110	J
4-Nitroaniline	658	27 U	0	NC	30	35-115	J
Nitrobenzene	658	470	71	11	30	40-115	
2-Nitrophenol	658	500	76	15	30	40-110	
4-Nitrophenol	658	505	77	13	30	15-140	
N-Nitrosodi-n-propylamine	658	530	81	18	30	40-115	
N-Nitrosodiphenylamine	658	475	72	8	30	50-115	
Pentachlorophenol	658	418	64	9	30	25-120	
Phenanthrene	658	526	70	2	30	50-110	
Phenol	658	545	83	16	30	40-100	
Pyrene	658	535	65	5	30	45-125	
1,2,4-Trichlorobenzene	658	412	63	11	30	45-110	
2,4,5-Trichlorophenol	658	494	75	11	30	50-110	
2,4,6-Trichlorophenol	658	521	79	15	30	45-110	

Column to be used to flag recovery and RPD values

FORM III 8270C/DoD

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab File ID: 21121005.D Lab Sample ID: MB 240-65352/23-A

Matrix: Solid Date Extracted: 11/16/2012 11:50

Instrument ID: A4HP7 Date Analyzed: 11/21/2012 12:51

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 240-65352/24-A	21121006.D	11/21/2012 13:15
068SS-0003M-0001-SO	240-17317-7	21121007.D	11/21/2012 13:38
068SS-0003M-0001-SO MS	240-17317-7 MS	21121008.D	11/21/2012 14:01
068SS-0003M-0001-SO MSD	240-17317-7 MSD	21121009.D	11/21/2012 14:25
068SS-0001M-0001-SO	240-17317-5	21121010.D	11/21/2012 14:48
068SS-0002M-0001-SO	240-17317-6	21121011.D	11/21/2012 15:12
068SS-0004M-0001-SO	240-17317-8	21121012.D	11/21/2012 15:35
076SS-0002M-0001-SO	240-17317-1	21121013.D	11/21/2012 15:59
076SS-0006M-0001-SO	240-17317-4	21121014.D	11/21/2012 16:22
076SS-0005M-0001-SO	240-17317-3	21121015.D	11/21/2012 16:46
076SS-0001M-0001-SO	240-17317-2	21121016.D	11/21/2012 17:09
076SS-0004M-0001-SO	240-17317-9	21123025.D	11/23/2012 14:12

FORM IV
GC/MS SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab File ID: 21129004.D Lab Sample ID: MB 240-65386/21-A

Matrix: Solid Date Extracted: 11/16/2012 13:26

Instrument ID: A4HP9 Date Analyzed: 11/29/2012 09:13

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 240-65386/22-A	21129005.D	11/29/2012 09:38
068SS-0005M-0001-SO	240-17317-14	21129008.D	11/29/2012 10:52
068SS-0006M-0001-SO	240-17317-15	21129009.D	11/29/2012 11:17
068SS-0007M-0001-SO	240-17317-16	21129010.D	11/29/2012 11:41
076SS-0003M-0001-SO	240-17317-10	21129012.D	11/29/2012 12:30
076SD-0012-0001-SO	240-17317-22	21129013.D	11/29/2012 12:54
076SD-0009-0001-SO MS	240-17317-19 MS	21129018.D	11/29/2012 16:20
076SD-0009-0001-SO MSD	240-17317-19 MSD	21129019.D	11/29/2012 16:45
068SS-0008M-0001-SO	240-17317-17	21210006.D	12/10/2012 09:39
076SD-0008-0001-SO	240-17317-18	21210007.D	12/10/2012 10:04
076SD-0010-0001-SO	240-17317-20	21212110.D	12/12/2012 14:22
076SD-0011-0001-SO	240-17317-21	21213109.D	12/13/2012 18:03
076SD-0009-0001-SO	240-17317-19	21215008.D	12/15/2012 14:32

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab File ID: 21107001.D DFTPP Injection Date: 11/07/2012

Instrument ID: A4HP7 DFTPP Injection Time: 11:21

Analysis Batch No.: 64102

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0- 80.0% of mass 198	43.3	
68	Less than 2.0% of mass 69	0.5	(1.1)1
69	Mass 69 relative abundance	44.0	
70	Less than 2.0% of mass 69	0.2	(0.4)1
127	25.0 - 75.0% of mass 198	52.9	
197	Less than 1.0% of mass 198	0.7	
198	Base Peak, 100% relative abundance	100.0	
199	5.0 to 9.0% of mass 198	6.6	
275	10.0- 30.0% of mass 198	22.5	
365	Greater than 0.75% of mass 198	2.6	
441	Present, but less than mass 443	11.3	
442	40.0 - 110.0% of mass 198	74.9	
443	15.0 - 24.0% of mass 442	13.5	(18.1)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD5 240-64102/2	21107002.D	11/07/2012	11:44
	STD4 240-64102/3	21107003.D	11/07/2012	12:07
	STD3 240-64102/4	21107004.D	11/07/2012	12:31
	STD2 240-64102/5	21107005.D	11/07/2012	12:54
	STD1 240-64102/6	21107006.D	11/07/2012	13:18
	STD9 240-64102/7	21107007.D	11/07/2012	13:41
	STD8 240-64102/8	21107008.D	11/07/2012	14:05
	STD7 240-64102/9	21107009.D	11/07/2012	14:28
	STD6 240-64102/10	21107010.D	11/07/2012	14:51

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab File ID: 21121001.D DFTPP Injection Date: 11/21/2012

Instrument ID: A4HP7 DFTPP Injection Time: 11:18

Analysis Batch No.: 65876

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0- 80.0% of mass 198	41.0	
68	Less than 2.0% of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	41.6	
70	Less than 2.0% of mass 69	0.2	(0.4)1
127	25.0 - 75.0% of mass 198	50.2	
197	Less than 1.0% of mass 198	0.4	
198	Base Peak, 100% relative abundance	100.0	
199	5.0 to 9.0% of mass 198	6.2	
275	10.0- 30.0% of mass 198	24.8	
365	Greater than 0.75% of mass 198	2.7	
441	Present, but less than mass 443	12.7	
442	40.0 - 110.0% of mass 198	93.9	
443	15.0 - 24.0% of mass 442	16.1	(17.2)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCV 240-65876/2	21121002.D	11/21/2012	11:41
	ICV 240-65876/3	21121003.D	11/21/2012	12:04
	MRL 240-65876/4	21121004.D	11/21/2012	12:28
	MB 240-65352/23-A	21121005.D	11/21/2012	12:51
	LCS 240-65352/24-A	21121006.D	11/21/2012	13:15
068SS-0003M-0001-SO	240-17317-7	21121007.D	11/21/2012	13:38
068SS-0003M-0001-SO MS	240-17317-7 MS	21121008.D	11/21/2012	14:01
068SS-0003M-0001-SO MSD	240-17317-7 MSD	21121009.D	11/21/2012	14:25
068SS-0001M-0001-SO	240-17317-5	21121010.D	11/21/2012	14:48
068SS-0002M-0001-SO	240-17317-6	21121011.D	11/21/2012	15:12
068SS-0004M-0001-SO	240-17317-8	21121012.D	11/21/2012	15:35
076SS-0002M-0001-SO	240-17317-1	21121013.D	11/21/2012	15:59
076SS-0006M-0001-SO	240-17317-4	21121014.D	11/21/2012	16:22
076SS-0005M-0001-SO	240-17317-3	21121015.D	11/21/2012	16:46
076SS-0001M-0001-SO	240-17317-2	21121016.D	11/21/2012	17:09
	MRL 240-65876/17	21121017.D	11/21/2012	17:33
	mdll1	21121018.D	11/21/2012	17:56
	mdll2	21121019.D	11/21/2012	18:20
	mdll3	21121020.D	11/21/2012	18:43
	mdll4	21121021.D	11/21/2012	19:06

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab File ID: 21123001.D DFTPP Injection Date: 11/23/2012

Instrument ID: A4HP7 DFTPP Injection Time: 09:05

Analysis Batch No.: 66051

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0- 80.0% of mass 198	39.0	
68	Less than 2.0% of mass 69	0.2	(0.5)1
69	Mass 69 relative abundance	41.9	
70	Less than 2.0% of mass 69	0.3	(0.6)1
127	25.0 - 75.0% of mass 198	49.8	
197	Less than 1.0% of mass 198	0.3	
198	Base Peak, 100% relative abundance	100.0	
199	5.0 to 9.0% of mass 198	6.5	
275	10.0- 30.0% of mass 198	25.3	
365	Greater than 0.75% of mass 198	3.3	
441	Present, but less than mass 443	13.5	
442	40.0 - 110.0% of mass 198	96.6	
443	15.0 - 24.0% of mass 442	18.8	(19.4)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCV 240-66051/2	21123002.D	11/23/2012	09:55
	MRL 240-66051/3	21123003.D	11/23/2012	10:18
076SS-0004M-0001-SO	240-17317-9	21123025.D	11/23/2012	14:12
	MRL 240-66051/13	21123013.D	11/23/2012	14:35
	mdll1	21123014.D	11/23/2012	14:58
	mdll2	21123015.D	11/23/2012	15:21
	mdll3	21123016.D	11/23/2012	15:45
	mdll4	21123017.D	11/23/2012	16:08

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab File ID: 21127101.D DFTPP Injection Date: 11/28/2012

Instrument ID: A4HP9 DFTPP Injection Time: 14:08

Analysis Batch No.: 66620

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0- 80.0% of mass 198	41.5	
68	Less than 2.0% of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	72.4	
70	Less than 2.0% of mass 69	0.1	(0.2)1
127	25.0 - 75.0% of mass 198	52.0	
197	Less than 1.0% of mass 198	0.0	
198	Base Peak, 100% relative abundance	100.0	
199	5.0 to 9.0% of mass 198	6.6	
275	10.0- 30.0% of mass 198	21.5	
365	Greater than 0.75% of mass 198	2.7	
441	Present, but less than mass 443	4.2	
442	40.0 - 110.0% of mass 198	65.3	
443	15.0 - 24.0% of mass 442	12.8	(19.6)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD5 240-66620/2	21127102.D	11/28/2012	14:27
	STD4 240-66620/3	21127103.D	11/28/2012	14:52
	STD3 240-66620/4	21127104.D	11/28/2012	15:17
	STD2 240-66620/5	21127105.D	11/28/2012	16:06
	STD1 240-66620/6	21127106.D	11/28/2012	16:31
	STD9 240-66620/7	21127107.D	11/28/2012	16:56
	STD8 240-66620/8	21127108.D	11/28/2012	17:21
	STD7 240-66620/9	21127109.D	11/28/2012	17:46
	STD6 240-66620/10	21127110.D	11/28/2012	18:11
	ICV 240-66620/12	21127112.D	11/28/2012	19:01

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab File ID: 21129001.D DFTPP Injection Date: 11/29/2012

Instrument ID: A4HP9 DFTPP Injection Time: 08:03

Analysis Batch No.: 66702

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0- 80.0% of mass 198	43.8	
68	Less than 2.0% of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	74.8	
70	Less than 2.0% of mass 69	0.6	(0.8)1
127	25.0 - 75.0% of mass 198	52.9	
197	Less than 1.0% of mass 198	0.0	
198	Base Peak, 100% relative abundance	100.0	
199	5.0 to 9.0% of mass 198	6.7	
275	10.0- 30.0% of mass 198	21.4	
365	Greater than 0.75% of mass 198	2.5	
441	Present, but less than mass 443	11.5	
442	40.0 - 110.0% of mass 198	64.7	
443	15.0 - 24.0% of mass 442	12.7	(19.6)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCV 240-66702/2	21129002.D	11/29/2012	08:23
	MRL 240-66702/3	21129003.D	11/29/2012	08:48
	MB 240-65386/21-A	21129004.D	11/29/2012	09:13
	LCS 240-65386/22-A	21129005.D	11/29/2012	09:38
068SS-0005M-0001-SO	240-17317-14	21129008.D	11/29/2012	10:52
068SS-0006M-0001-SO	240-17317-15	21129009.D	11/29/2012	11:17
068SS-0007M-0001-SO	240-17317-16	21129010.D	11/29/2012	11:41
076SS-0003M-0001-SO	240-17317-10	21129012.D	11/29/2012	12:30
076SD-0012-0001-SO	240-17317-22	21129013.D	11/29/2012	12:54
	MRL 240-66702/14	21129014.D	11/29/2012	13:19
	mdll1	21129023.D	11/29/2012	13:54
	mdll2	21129025.D	11/29/2012	14:18
	mdll3	21129026.D	11/29/2012	14:42
076SD-0009-0001-SO MS	240-17317-19 MS	21129018.D	11/29/2012	16:20
076SD-0009-0001-SO MSD	240-17317-19 MSD	21129019.D	11/29/2012	16:45
	mdll1 B	21129022.D	11/29/2012	17:58
	mdll2 B	21129027.D	11/29/2012	18:22
	mdll3 B	21129028.D	11/29/2012	18:47
	mdll4 B	21129029.D	11/29/2012	19:11

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab File ID: 21203001.D DFTPP Injection Date: 12/03/2012

Instrument ID: A4HP9 DFTPP Injection Time: 11:11

Analysis Batch No.: 67070

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0- 80.0% of mass 198	39.5	
68	Less than 2.0% of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	72.2	
70	Less than 2.0% of mass 69	0.2	(0.3)1
127	25.0 - 75.0% of mass 198	47.2	
197	Less than 1.0% of mass 198	0.0	
198	Base Peak, 100% relative abundance	100.0	
199	5.0 to 9.0% of mass 198	6.8	
275	10.0- 30.0% of mass 198	22.9	
365	Greater than 0.75% of mass 198	2.9	
441	Present, but less than mass 443	12.0	
442	40.0 - 110.0% of mass 198	68.0	
443	15.0 - 24.0% of mass 442	12.4	(18.2)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD5 240-67070/2	21203002.D	12/03/2012	11:32
	STD4 240-67070/3	21203003.D	12/03/2012	11:57
	STD3 240-67070/4	21203004.D	12/03/2012	12:23
	STD2 240-67070/5	21203005.D	12/03/2012	12:48
	STD1 240-67070/6	21203006.D	12/03/2012	13:13
	STD9 240-67070/7	21203007.D	12/03/2012	13:39
	STD8 240-67070/8	21203008.D	12/03/2012	14:04
	STD7 240-67070/9	21203009.D	12/03/2012	14:36
	STD6 240-67070/10	21203010.D	12/03/2012	15:01
	ICV 240-67070/12	21203012.D	12/03/2012	15:52

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab File ID: 21210001.D DFTPP Injection Date: 12/10/2012

Instrument ID: A4HP9 DFTPP Injection Time: 07:31

Analysis Batch No.: 67921

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0- 80.0% of mass 198	41.7	
68	Less than 2.0% of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	70.1	
70	Less than 2.0% of mass 69	0.2	(0.3)1
127	25.0 - 75.0% of mass 198	45.5	
197	Less than 1.0% of mass 198	0.0	
198	Base Peak, 100% relative abundance	100.0	
199	5.0 to 9.0% of mass 198	6.3	
275	10.0- 30.0% of mass 198	22.9	
365	Greater than 0.75% of mass 198	2.7	
441	Present, but less than mass 443	13.7	
442	40.0 - 110.0% of mass 198	75.9	
443	15.0 - 24.0% of mass 442	15.1	(19.8)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCV 240-67921/2	21210002.D	12/10/2012	07:55
	MRL 240-67921/3	21210003.D	12/10/2012	08:20
068SS-0008M-0001-SO	240-17317-17	21210006.D	12/10/2012	09:39
076SD-0008-0001-SO	240-17317-18	21210007.D	12/10/2012	10:04
	MRL 240-67921/8	21210008.D	12/10/2012	10:28
	mdll1	21210009.D	12/10/2012	10:58
	mdll2	21210010.D	12/10/2012	11:23
	mdll3	21210011.D	12/10/2012	11:47
	mdll4	21210012.D	12/10/2012	12:11

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab File ID: 21211001.D DFTPP Injection Date: 12/11/2012

Instrument ID: A4HP9 DFTPP Injection Time: 11:50

Analysis Batch No.: 68161

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0- 80.0% of mass 198	47.9	
68	Less than 2.0% of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	81.5	
70	Less than 2.0% of mass 69	0.9	(1.2)1
127	25.0 - 75.0% of mass 198	52.9	
197	Less than 1.0% of mass 198	0.0	
198	Base Peak, 100% relative abundance	100.0	
199	5.0 to 9.0% of mass 198	6.9	
275	10.0- 30.0% of mass 198	22.0	
365	Greater than 0.75% of mass 198	2.4	
441	Present, but less than mass 443	0.9	
442	40.0 - 110.0% of mass 198	61.7	
443	15.0 - 24.0% of mass 442	11.8	(19.1)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD5 240-68161/2	21211002.D	12/11/2012	12:10
	STD4 240-68161/3	21211003.D	12/11/2012	12:35
	STD3 240-68161/4	21211004.D	12/11/2012	12:59
	STD2 240-68161/5	21211005.D	12/11/2012	13:24
	STD1 240-68161/6	21211006.D	12/11/2012	13:49
	STD9 240-68161/7	21211007.D	12/11/2012	14:14
	STD8 240-68161/8	21211008.D	12/11/2012	14:38
	STD7 240-68161/9	21211009.D	12/11/2012	15:03
	STD6 240-68161/10	21211010.D	12/11/2012	15:28

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab File ID: 21212101.D DFTPP Injection Date: 12/12/2012

Instrument ID: A4HP9 DFTPP Injection Time: 10:38

Analysis Batch No.: 68349

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0- 80.0% of mass 198	45.0	
68	Less than 2.0% of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	78.0	
70	Less than 2.0% of mass 69	0.0	(0.0)1
127	25.0 - 75.0% of mass 198	47.0	
197	Less than 1.0% of mass 198	0.0	
198	Base Peak, 100% relative abundance	100.0	
199	5.0 to 9.0% of mass 198	6.8	
275	10.0- 30.0% of mass 198	22.7	
365	Greater than 0.75% of mass 198	2.5	
441	Present, but less than mass 443	9.4	
442	40.0 - 110.0% of mass 198	74.4	
443	15.0 - 24.0% of mass 442	13.5	(18.1)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCV 240-68349/2	21212102.D	12/12/2012	11:01
	ICV 240-68349/3	21212103.D	12/12/2012	11:26
	MRL 240-68349/4	21212104.D	12/12/2012	11:51
076SD-0010-0001-SO	240-17317-20	21212110.D	12/12/2012	14:22
	MRL 240-68349/11	21212111.D	12/12/2012	14:47
	mdll1	21212112.D	12/12/2012	15:11
	mdll2	21212113.D	12/12/2012	15:36
	mdll3	21212114.D	12/12/2012	16:01
	mdll4	21212115.D	12/12/2012	16:26

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab File ID: 21213101.D DFTPP Injection Date: 12/13/2012

Instrument ID: A4HP9 DFTPP Injection Time: 14:48

Analysis Batch No.: 68588

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0- 80.0% of mass 198	50.9	
68	Less than 2.0% of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	87.6	
70	Less than 2.0% of mass 69	0.6	(0.6)1
127	25.0 - 75.0% of mass 198	51.9	
197	Less than 1.0% of mass 198	0.0	
198	Base Peak, 100% relative abundance	100.0	
199	5.0 to 9.0% of mass 198	6.9	
275	10.0- 30.0% of mass 198	21.9	
365	Greater than 0.75% of mass 198	2.7	
441	Present, but less than mass 443	11.6	
442	40.0 - 110.0% of mass 198	66.5	
443	15.0 - 24.0% of mass 442	12.1	(18.2)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCV 240-68588/2	21213102.D	12/13/2012	15:09
	CCV 240-68588/3	21213103.D	12/13/2012	15:34
	MRL 240-68588/4	21213104.D	12/13/2012	15:58
076SD-0011-0001-SO	240-17317-21	21213109.D	12/13/2012	18:03
	MRL 240-68588/10	21213110.D	12/13/2012	18:27
	mdll1	21213111.D	12/13/2012	18:52
	mdll2	21213112.D	12/13/2012	19:17
	mdll3	21213113.D	12/13/2012	19:42
	mdll4	21213114.D	12/13/2012	20:06

FORM V
GC/MS SEMI VOA INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab File ID: 21215001.D DFTPP Injection Date: 12/15/2012

Instrument ID: A4HP9 DFTPP Injection Time: 11:22

Analysis Batch No.: 68844

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
51	30.0- 80.0% of mass 198	51.5	
68	Less than 2.0% of mass 69	0.0	(0.0)1
69	Mass 69 relative abundance	88.7	
70	Less than 2.0% of mass 69	0.3	(0.3)1
127	25.0 - 75.0% of mass 198	52.8	
197	Less than 1.0% of mass 198	0.0	
198	Base Peak, 100% relative abundance	100.0	
199	5.0 to 9.0% of mass 198	7.2	
275	10.0- 30.0% of mass 198	21.1	
365	Greater than 0.75% of mass 198	2.5	
441	Present, but less than mass 443	5.2	
442	40.0 - 110.0% of mass 198	66.3	
443	15.0 - 24.0% of mass 442	12.2	(18.4)2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCV 240-68844/2	21215002.D	12/15/2012	11:47
	MRL 240-68844/3	21215003.D	12/15/2012	12:12
076SD-0009-0001-SO	240-17317-19	21215008.D	12/15/2012	14:32
	MRL 240-68844/9	21215009.D	12/15/2012	14:57
	mdll1	21215010.D	12/15/2012	15:22
	mdll2	21215011.D	12/15/2012	15:47
	mdll3	21215012.D	12/15/2012	16:12
	mdll4	21215013.D	12/15/2012	16:36

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Sample No.: STD6 240-64102/10 Date Analyzed: 11/07/2012 14:51

Instrument ID: A4HP7 GC Column: RXI-5SILMS ID: 0.45(mm)

Lab File ID (Standard): 21107010.D Heated Purge: (Y/N) N

Calibration ID: 12247

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		226874	5.90	879477	7.02	492418	8.51
UPPER LIMIT							
LOWER LIMIT							
LAB SAMPLE ID	CLIENT SAMPLE ID						
CCV 240-65876/2		181370	5.86	692296	6.99	402686	8.48
ICV 240-65876/3		177147	5.86	653446	6.99	382015	8.48
MRL 240-65876/4		189903	5.86	723590	6.99	404743	8.48
MB 240-65352/23-A		149108	5.86	588766	6.99	338025	8.48
LCS 240-65352/24-A		149204	5.86	583179	6.99	337159	8.48
240-17317-7	068SS-0003M-0001-SO	157120	5.88	604679	6.99	340076	8.48
240-17317-7 MS	068SS-0003M-0001-SO MS	163230	5.87	612886	6.99	350601	8.48
240-17317-7 MSD	068SS-0003M-0001-SO MSD	162271	5.87	617259	6.99	362775	8.48
240-17317-5	068SS-0001M-0001-SO	154785	5.88	610337	6.99	350571	8.48
240-17317-6	068SS-0002M-0001-SO	161655	5.87	600499	6.99	358465	8.48
240-17317-8	068SS-0004M-0001-SO	169794	5.87	664266	6.99	388190	8.48
240-17317-1	076SS-0002M-0001-SO	171244	5.87	651601	6.99	374207	8.48
240-17317-4	076SS-0006M-0001-SO	175569	5.86	675299	6.99	392025	8.48
240-17317-3	076SS-0005M-0001-SO	175171	5.86	671355	6.99	384746	8.48
240-17317-2	076SS-0001M-0001-SO	174538	5.87	682501	6.99	393872	8.48
MRL 240-65876/17		240144	5.87	928159	6.99	535377	8.48
CCV 240-66051/2		181219	5.86	692247	6.98	393429	8.47
MRL 240-66051/3		174427	5.85	650244	6.97	380206	8.47
240-17317-9	076SS-0004M-0001-SO	165363	5.86	640355	6.97	378354	8.47
MRL 240-66051/13		208068	5.85	799434	6.97	462980	8.47

Column used to flag values outside QC limits

FORM VIII

GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Sample No.: STD6 240-64102/10 Date Analyzed: 11/07/2012 14:51

Instrument ID: A4HP7 GC Column: RXI-5SILMS ID: 0.45(mm)

Lab File ID (Standard): 21107010.D Heated Purge: (Y/N) N

Calibration ID: 12247

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		835794	9.77	860001	12.30	705582	14.37
UPPER LIMIT							
LOWER LIMIT							
LAB SAMPLE ID	CLIENT SAMPLE ID						
CCV 240-65876/2		676498	9.74	693747	12.26	577958	14.30
ICV 240-65876/3		646813	9.74	684665	12.26	583062	14.30
MRL 240-65876/4		711500	9.74	715377	12.26	586049	14.30
MB 240-65352/23-A		582676	9.74	570682	12.26	465550	14.30
LCS 240-65352/24-A		592467	9.74	608233	12.26	511484	14.30
240-17317-7	068SS-0003M-0001-SO	602442	9.74	634187	12.26	560533	14.30
240-17317-7 MS	068SS-0003M-0001-SO MS	621845	9.74	650555	12.26	581363	14.30
240-17317-7 MSD	068SS-0003M-0001-SO MSD	631357	9.74	664996	12.26	594725	14.30
240-17317-5	068SS-0001M-0001-SO	610829	9.74	672628	12.26	573860	14.30
240-17317-6	068SS-0002M-0001-SO	615964	9.74	663137	12.26	527341	14.30
240-17317-8	068SS-0004M-0001-SO	676101	9.74	714642	12.26	608290	14.30
240-17317-1	076SS-0002M-0001-SO	657880	9.74	701788	12.26	584787	14.30
240-17317-4	076SS-0006M-0001-SO	689384	9.74	745959	12.26	584637	14.30
240-17317-3	076SS-0005M-0001-SO	678475	9.74	738149	12.26	541309	14.30
240-17317-2	076SS-0001M-0001-SO	703998	9.74	757319	12.26	563182	14.30
MRL 240-65876/17		957551	9.74	979982	12.26	735078	14.30
CCV 240-66051/2		686753	9.73	712436	12.24	594434	14.28
MRL 240-66051/3		648760	9.72	663308	12.23	566429	14.27
240-17317-9	076SS-0004M-0001-SO	655176	9.72	682553	12.24	616977	14.28
MRL 240-66051/13		843957	9.72	846858	12.24	754573	14.27

Column used to flag values outside QC limits

FORM VIII

GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Sample No.: STD6 240-66620/10 Date Analyzed: 11/28/2012 18:11

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm)

Lab File ID (Standard): 21127110.D Heated Purge: (Y/N) N

Calibration ID: 12526

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		81023	5.92	335429	7.02	207460	8.52
UPPER LIMIT							
LOWER LIMIT							
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 240-66620/12		58493	5.92	228935	7.03	141025	8.52
CCV 240-66702/2		74149	5.91	302124	7.01	185565	8.50
MRL 240-66702/3		76136	5.91	294178	7.01	187307	8.50
MB 240-65386/21-A		59952	5.90	247612	7.02	154630	8.51
LCS 240-65386/22-A		63414	5.90	249482	7.01	152989	8.51
240-17317-14	068SS-0005M-0001-SO	64663	5.91	273887	7.01	164297	8.50
240-17317-15	068SS-0006M-0001-SO	66995	5.90	274542	7.02	169043	8.51
240-17317-16	068SS-0007M-0001-SO	67630	5.91	278435	7.02	167315	8.51
240-17317-10	076SS-0003M-0001-SO	67158	5.91	272033	7.01	171836	8.50
240-17317-22	076SD-0012-0001-SO	66175	5.90	268965	7.01	169536	8.50
MRL 240-66702/14		96779	5.90	372345	7.01	230614	8.51
240-17317-19 MS	076SD-0009-0001-SO MS	64635	5.90	265913	7.01	166736	8.51
240-17317-19 MSD	076SD-0009-0001-SO MSD	63180	5.91	268242	7.01	167260	8.50

Column used to flag values outside QC limits

FORM VIII 8270C/DOD

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Sample No.: STD6 240-66620/10 Date Analyzed: 11/28/2012 18:11

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm)

Lab File ID (Standard): 21127110.D Heated Purge: (Y/N) N

Calibration ID: 12526

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		359196	9.78	350117	12.33	291958	14.40
UPPER LIMIT							
LOWER LIMIT							
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 240-66620/12		236459	9.78	229600	12.33	188638	14.40
CCV 240-66702/2		315456	9.76	302691	12.31	249382	14.37
MRL 240-66702/3		312019	9.76	289360	12.31	242068	14.37
MB 240-65386/21-A		257678	9.76	247660	12.30	208652	14.37
LCS 240-65386/22-A		260225	9.76	257587	12.30	219209	14.37
240-17317-14	068SS-0005M-0001-SO	274902	9.76	268547	12.30	237666	14.37
240-17317-15	068SS-0006M-0001-SO	281298	9.76	263709	12.30	240498	14.37
240-17317-16	068SS-0007M-0001-SO	274387	9.76	267715	12.30	247866	14.37
240-17317-10	076SS-0003M-0001-SO	286214	9.76	274777	12.31	247541	14.37
240-17317-22	076SD-0012-0001-SO	281647	9.76	265098	12.30	249683	14.37
MRL 240-66702/14		396304	9.76	371755	12.30	320190	14.37
240-17317-19 MS	076SD-0009-0001-SO MS	277795	9.77	278169	12.31	199668	14.38
240-17317-19 MSD	076SD-0009-0001-SO MSD	284434	9.76	280004	12.31	191311	14.38

Column used to flag values outside QC limits

FORM VIII 8270C/DOD

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Sample No.: STD6 240-67070/10 Date Analyzed: 12/03/2012 15:01

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm)

Lab File ID (Standard): 21203010.D Heated Purge: (Y/N) N

Calibration ID: 12569

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		219993	6.05	913768	7.16	570837	8.65
UPPER LIMIT							
LOWER LIMIT							
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 240-67070/12		137958	6.05	564325	7.15	357466	8.65
CCV 240-67921/2		149522	5.94	634248	7.05	405655	8.55
MRL 240-67921/3		141233	5.94	574113	7.06	359863	8.55
240-17317-17	068SS-0008M-0001-SO	127616	5.94	545998	7.06	341943	8.55
240-17317-18	076SD-0008-0001-SO	130784	5.94	560407	7.06	369492	8.55
MRL 240-67921/8		154613	5.94	672840	7.06	430528	8.55

Column used to flag values outside QC limits

FORM VIII 8270C/DOD

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Sample No.: STD6 240-67070/10 Date Analyzed: 12/03/2012 15:01

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm)

Lab File ID (Standard): 21203010.D Heated Purge: (Y/N) N

Calibration ID: 12569

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		998118	9.92	998924	12.54	831813	14.68
UPPER LIMIT							
LOWER LIMIT							
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 240-67070/12		594843	9.92	624609	12.54	454251	14.68
CCV 240-67921/2		692709	9.81	708549	12.36	570099	14.44
MRL 240-67921/3		616995	9.81	645855	12.36	530888	14.44
240-17317-17	068SS-0008M-0001-SO	603649	9.80	613287	12.36	487756	14.45
240-17317-18	076SD-0008-0001-SO	648025	9.81	650518	12.36	508572	14.45
MRL 240-67921/8		761699	9.81	753914	12.36	633842	14.44

Column used to flag values outside QC limits

FORM VIII 8270C/DOD

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Sample No.: STD6 240-68161/10 Date Analyzed: 12/11/2012 15:28

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm)

Lab File ID (Standard): 21211010.D Heated Purge: (Y/N) N

Calibration ID: 12751

		DCB		NPT		ANT	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		126374	6.10	521726	7.21	321083	8.71
UPPER LIMIT							
LOWER LIMIT							
LAB SAMPLE ID	CLIENT SAMPLE ID						
CCV 240-68349/2		123087	6.08	472716	7.19	281922	8.68
ICV 240-68349/3		111158	6.08	441524	7.19	276463	8.69
MRL 240-68349/4		118346	6.08	472609	7.19	276740	8.68
240-17317-20	076SD-0010-0001-SO	94464	6.08	388154	7.19	241826	8.68
MRL 240-68349/11		135393	6.08	536388	7.19	325428	8.68
CCV 240-68588/2		108933	6.05	427038	7.16	253875	8.66
CCV 240-68588/3		110681	6.05	438339	7.16	261228	8.65
MRL 240-68588/4		121307	6.05	478259	7.16	286429	8.65
240-17317-21	076SD-0011-0001-SO	93576	6.05	379867	7.16	235241	8.66
MRL 240-68588/10		119834	6.05	472940	7.16	297130	8.66
CCV 240-68844/2		99278	5.99	418227	7.10	251215	8.60
MRL 240-68844/3		103559	5.99	436991	7.11	274925	8.60
240-17317-19	076SD-0009-0001-SO	90082	5.99	363748	7.10	229066	8.60
MRL 240-68844/9		107744	5.99	461626	7.11	293402	8.60

Column used to flag values outside QC limits

FORM VIII
GC/MS SEMI VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Sample No.: STD6 240-68161/10 Date Analyzed: 12/11/2012 15:28

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm)

Lab File ID (Standard): 21211010.D Heated Purge: (Y/N) N

Calibration ID: 12751

		PHN		CRY		PRY	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		553057	9.97	558818	12.62	422603	14.79
UPPER LIMIT							
LOWER LIMIT							
LAB SAMPLE ID	CLIENT SAMPLE ID						
CCV 240-68349/2		490477	9.95	494953	12.59	383055	14.74
ICV 240-68349/3		459750	9.95	476688	12.58	337679	14.74
MRL 240-68349/4		466368	9.95	477163	12.59	368954	14.74
240-17317-20	076SD-0010-0001-SO	410827	9.95	415035	12.59	313206	14.74
MRL 240-68349/11		558999	9.95	548382	12.59	452465	14.74
CCV 240-68588/2		429384	9.92	467361	12.54	353376	14.68
CCV 240-68588/3		450329	9.92	436243	12.54	344284	14.69
MRL 240-68588/4		490744	9.92	502393	12.54	391775	14.68
240-17317-21	076SD-0011-0001-SO	389154	9.92	394238	12.54	261824	14.69
MRL 240-68588/10		498061	9.92	502907	12.54	412617	14.68
CCV 240-68844/2		437370	9.86	460491	12.45	352632	14.56
MRL 240-68844/3		446965	9.86	456788	12.45	355968	14.56
240-17317-19	076SD-0009-0001-SO	412132	9.86	397700	12.45	288126	14.57
MRL 240-68844/9		475762	9.86	478691	12.45	400142	14.56

Column used to flag values outside QC limits

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: 076SS-0002M-0001-SO | Lab Sample ID: 240-17317-1

Matrix: Solid | Lab File ID: 21121013.D

Analysis Method: 8270C/DoD | Date Collected: 11/06/2012 08:40

Extract. Method: 3540C | Date Extracted: 11/16/2012 11:46

Sample wt/vol: 30.28(g) | Date Analyzed: 11/21/2012 15:59

Con. Extract Vol.: 2(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 65876 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	220	D	33	16	16
208-96-8	Acenaphthylene	28	J D	33	16	16
120-12-7	Anthracene	790	D	33	16	16
56-55-3	Benzo[a]anthracene	1500	D	33	16	16
50-32-8	Benzo[a]pyrene	1300	D	33	16	16
205-99-2	Benzo[b]fluoranthene	2000	D	33	16	16
191-24-2	Benzo[g,h,i]perylene	600	D	33	16	16
65-85-0	Benzoic acid	1600	U	3300	1600	1600
207-08-9	Benzo[k]fluoranthene	660	D M	33	16	16
100-51-6	Benzyl alcohol	130	U	1600	130	100
111-91-1	Bis(2-chloroethoxy)methane	130	U	500	130	110
111-44-4	Bis(2-chloroethyl)ether	16	U	500	16	9.9
108-60-1	bis (2-chloroisopropyl) ether	130	U	500	130	47
117-81-7	Bis(2-ethylhexyl) phthalate	130	U	250	130	94
101-55-3	4-Bromophenyl phenyl ether	130	U	250	130	64
85-68-7	Butyl benzyl phthalate	130	U	250	130	50
86-74-8	Carbazole	490	D	250	130	130
106-47-8	4-Chloroaniline	130	U	740	130	84
59-50-7	4-Chloro-3-methylphenol	130	U	740	130	100
91-58-7	2-Chloronaphthalene	16	U	250	16	16
95-57-8	2-Chlorophenol	130	U	250	130	130
7005-72-3	4-Chlorophenyl phenyl ether	130	U	250	130	64
218-01-9	Chrysene	1500	D	33	16	5.4
53-70-3	Dibenz(a,h)anthracene	200	D M	33	16	16
132-64-9	Dibenzofuran	330	D	250	16	16
106-46-7	1,4-Dichlorobenzene	130	U	250	130	99
95-50-1	1,2-Dichlorobenzene	130	U	250	130	48
541-73-1	1,3-Dichlorobenzene	130	U	250	130	54
91-94-1	3,3'-Dichlorobenzidine	400	U	500	400	89
120-83-2	2,4-Dichlorophenol	130	U	740	130	99
84-66-2	Diethyl phthalate	130	U	250	130	79
105-67-9	2,4-Dimethylphenol	400	U	740	400	99
131-11-3	Dimethyl phthalate	130	U	250	130	84
84-74-2	Di-n-butyl phthalate	130	U	250	130	74

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: 076SS-0002M-0001-SO | Lab Sample ID: 240-17317-1

Matrix: Solid | Lab File ID: 21121013.D

Analysis Method: 8270C/DoD | Date Collected: 11/06/2012 08:40

Extract. Method: 3540C | Date Extracted: 11/16/2012 11:46

Sample wt/vol: 30.28(g) | Date Analyzed: 11/21/2012 15:59

Con. Extract Vol.: 2(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 65876 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	400	U	740	400	400
51-28-5	2,4-Dinitrophenol	400	U	1600	400	400
121-14-2	2,4-Dinitrotoluene	130	U	990	130	130
606-20-2	2,6-Dinitrotoluene	130	U	990	130	100
117-84-0	Di-n-octyl phthalate	130	U	250	130	130
206-44-0	Fluoranthene	4100	D	33	16	16
86-73-7	Fluorene	340	D	33	16	16
118-74-1	Hexachlorobenzene	16	U	33	16	10
87-68-3	Hexachlorobutadiene	130	U	250	130	130
77-47-4	Hexachlorocyclopentadiene	130	U	1600	130	130
67-72-1	Hexachloroethane	130	U	250	130	45
193-39-5	Indeno[1,2,3-cd]pyrene	610	D	33	16	16
78-59-1	Isophorone	130	U	250	130	64
91-57-6	2-Methylnaphthalene	210	D	33	16	16
95-48-7	2-Methylphenol	400	U	990	400	400
15831-10-4	3 & 4 Methylphenol	400	U	2000	400	99
91-20-3	Naphthalene	350	D	33	16	16
88-74-4	2-Nitroaniline	130	U	990	130	45
99-09-2	3-Nitroaniline	400	U	990	400	79
100-01-6	4-Nitroaniline	130	U	990	130	130
98-95-3	Nitrobenzene	16	U	500	16	11
88-75-5	2-Nitrophenol	130	U	250	130	130
100-02-7	4-Nitrophenol	400	U	1600	400	400
621-64-7	N-Nitrosodi-n-propylamine	130	U	250	130	130
86-30-6	N-Nitrosodiphenylamine	130	U	250	130	100
87-86-5	Pentachlorophenol	400	U	740	400	400
85-01-8	Phenanthrene	3700	D	33	16	16
108-95-2	Phenol	130	U	250	130	130
129-00-0	Pyrene	2800	D	33	16	16
120-82-1	1,2,4-Trichlorobenzene	130	U	250	130	130
95-95-4	2,4,5-Trichlorophenol	130	U	740	130	120
88-06-2	2,4,6-Trichlorophenol	400	U	740	400	400

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: 076SS-0002M-0001-SO | Lab Sample ID: 240-17317-1

Matrix: Solid | Lab File ID: 21121013.D

Analysis Method: 8270C/DoD | Date Collected: 11/06/2012 08:40

Extract. Method: 3540C | Date Extracted: 11/16/2012 11:46

Sample wt/vol: 30.28(g) | Date Analyzed: 11/21/2012 15:59

Con. Extract Vol.: 2(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 65876 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	64		45-105
367-12-4	2-Fluorophenol (Surr)	63		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	61		35-100
1718-51-0	Terphenyl-d14 (Surr)	76		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	76		35-125
4165-62-2	Phenol-d5 (Surr)	67		40-100

Report Date: 23-Nov-2012 10:11:14 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121013.D
Lims ID: 240-17317-A-1-E Client ID: 076SS-0002M-0001-SO
Inject. Date: 21-Nov-2012 15:59:30 Dil. Factor: 5.0000
Sample Type: Client
Sample ID: 240-0015157-013
Misc. Info.: 240-17317-a-1-e
Operator: 001710 Instrument ID: A4HP7
Injection Vol: 1.0 ul ALS Bottle#: 13
Lims Batch ID: 65876 Lims Sample ID: 13
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\8270_hp7.m
Last Update: 23-Nov-2012 10:11:01 Calib Date: 14-Nov-2012 18:19:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP7\20121114-14953.b\21114010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: 5% phenyl Column Dia: 0.18 mm
Process Host: XAWRK037

First Level Reviewer: gruberj Date: 23-Nov-2012 09:21:50

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.868	5.863	0.005	94	171244	4.00	
* 2 Naphthalene-d8	136	6.986	6.986	0.0	99	651601	4.00	
* 3 Acenaphthene-d10	164	8.479	8.479	0.0	94	374207	4.00	
* 4 Phenanthrene-d10	188	9.736	9.736	0.0	97	657880	4.00	
* 5 Chrysene-d12	240	12.255	12.255	0.0	97	701788	4.00	
* 6 Perylene-d12	264	14.298	14.298	0.0	96	584787	4.00	
$ 7 2-Fluorophenol	112	4.617	4.595	0.022	91	100347	1.90	
$ 8 Phenol-d5	99	5.515	5.510	0.005	95	135098	2.01	
$ 9 Nitrobenzene-d5	82	6.355	6.355	0.0	80	70411	1.23	
$ 10 2-Fluorobiphenyl (Surr)	172	7.896	7.896	0.0	99	155466	1.28	
$ 11 2,4,6-Tribromophenol	330	9.142	9.147	-0.005	87	35306	2.28	
$ 12 Terphenyl-d14	244	11.083	11.083	0.0	97	197251	1.52	
41 Phenol	94		5.521					9
44 Bis(2-chloroethyl)ether	93		5.617					9
46 2-Chlorophenol	128		5.671					
47 1,3-Dichlorobenzene	146		5.815					9
48 1,4-Dichlorobenzene	146		5.879					9
49 Benzyl alcohol	108		5.981					9
50 1,2-Dichlorobenzene	146		6.018					
51 2-Methylphenol	108		6.072					9
52 2,2'-oxybis[1-chloropropane]	45		6.098					9
191 3 & 4 Methylphenol	108		6.200					
56 N-Nitrosodi-n-propylamine	70		6.211					
60 Hexachloroethane	117		6.323					
61 Nitrobenzene	77		6.371					9
63 Isophorone	82	6.575	6.574	0.0	88	12372	0.1190	
65 2-Nitrophenol	139		6.649					9
64 2,4-Dimethylphenol	107		6.671					9
69 Benzoic acid	122		6.735					
68 Bis(2-chloroethoxy)methane	93		6.756					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
71 2,4-Dichlorophenol	162		6.853					9
72 1,2,4-Trichlorobenzene	180		6.933					
73 Naphthalene	128	7.002	7.002	0.0	78	171906	1.06	
74 4-Chloroaniline	127		7.040					9
77 Hexachlorobutadiene	225		7.104					
84 4-Chloro-3-methylphenol	107		7.436					9
85 2-Methylnaphthalene	142	7.591	7.596	-0.005	93	65247	0.6265	
88 Hexachlorocyclopentadiene	237		7.724					
90 2,4,6-Trichlorophenol	196		7.826					9
91 2,4,5-Trichlorophenol	196		7.853					9
98 2-Chloronaphthalene	162		8.008					
100 2-Nitroaniline	65		8.083					9
103 Dimethyl phthalate	163		8.222					
105 2,6-Dinitrotoluene	165		8.281					
107 Acenaphthylene	152	8.366	8.361	0.005	89	14708	0.0862	
108 3-Nitroaniline	138		8.425					9
110 Acenaphthene	153	8.511	8.511	0.0	85	67794	0.6604	
109 2,4-Dinitrophenol	184		8.516					
111 4-Nitrophenol	109		8.548					9
112 2,4-Dinitrotoluene	165		8.623					
114 Dibenzofuran	168	8.650	8.655	-0.005	89	151835	1.00	
119 Diethyl phthalate	149	8.810	8.816	-0.006	79	15474	0.1347	
121 4-Chlorophenyl phenyl ether	204		8.928					9
123 4-Nitroaniline	138		8.944					
124 Fluorene	166	8.944	8.944	0.0	84	125514	1.03	
126 4,6-Dinitro-2-methylphenol	198		8.965					
130 N-Nitrosodiphenylamine	169		9.024					
137 4-Bromophenyl phenyl ether	248		9.345					
139 Hexachlorobenzene	284		9.409					
141 Pentachlorophenol	266		9.564					
146 Phenanthrene	178	9.757	9.757	0.0	97	1998164	11.1	
147 Anthracene	178	9.800	9.800	0.0	98	424879	2.38	
149 Carbazole	167	9.928	9.928	0.0	81	258070	1.49	
151 Di-n-butyl phthalate	149		10.185					
157 Fluoranthene	202	10.762	10.762	0.0	97	2460882	12.4	
160 Pyrene	202	10.971	10.971	0.0	96	1901056	8.49	
166 Butyl benzyl phthalate	149		11.549					
173 3,3'-Dichlorobenzidine	252		12.191					9
171 Bis(2-ethylhexyl) phthalate	149		12.207					
175 Benzo[a]anthracene	228	12.239	12.244	-0.005	98	879092	4.49	
176 Chrysene	228	12.287	12.287	0.0	92	860893	4.61	
178 Di-n-octyl phthalate	149		13.100					
180 Benzo[b]fluoranthene	252	13.726	13.726	0.0	96	1131275	6.06	
181 Benzo[k]fluoranthene	252	13.758	13.763	-0.005	99	405829	2.00	M
182 Benzo[a]pyrene	252	14.212	14.212	0.0	75	707823	3.82	
186 Indeno[1,2,3-cd]pyrene	276	15.924	15.929	-0.005	98	365750	1.83	
187 Dibenz(a,h)anthracene	278	15.940	15.956	-0.016	28	80350	0.6118	M
188 Benzo[g,h,i]perylene	276	16.363	16.362	0.0	93	306085	1.83	

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

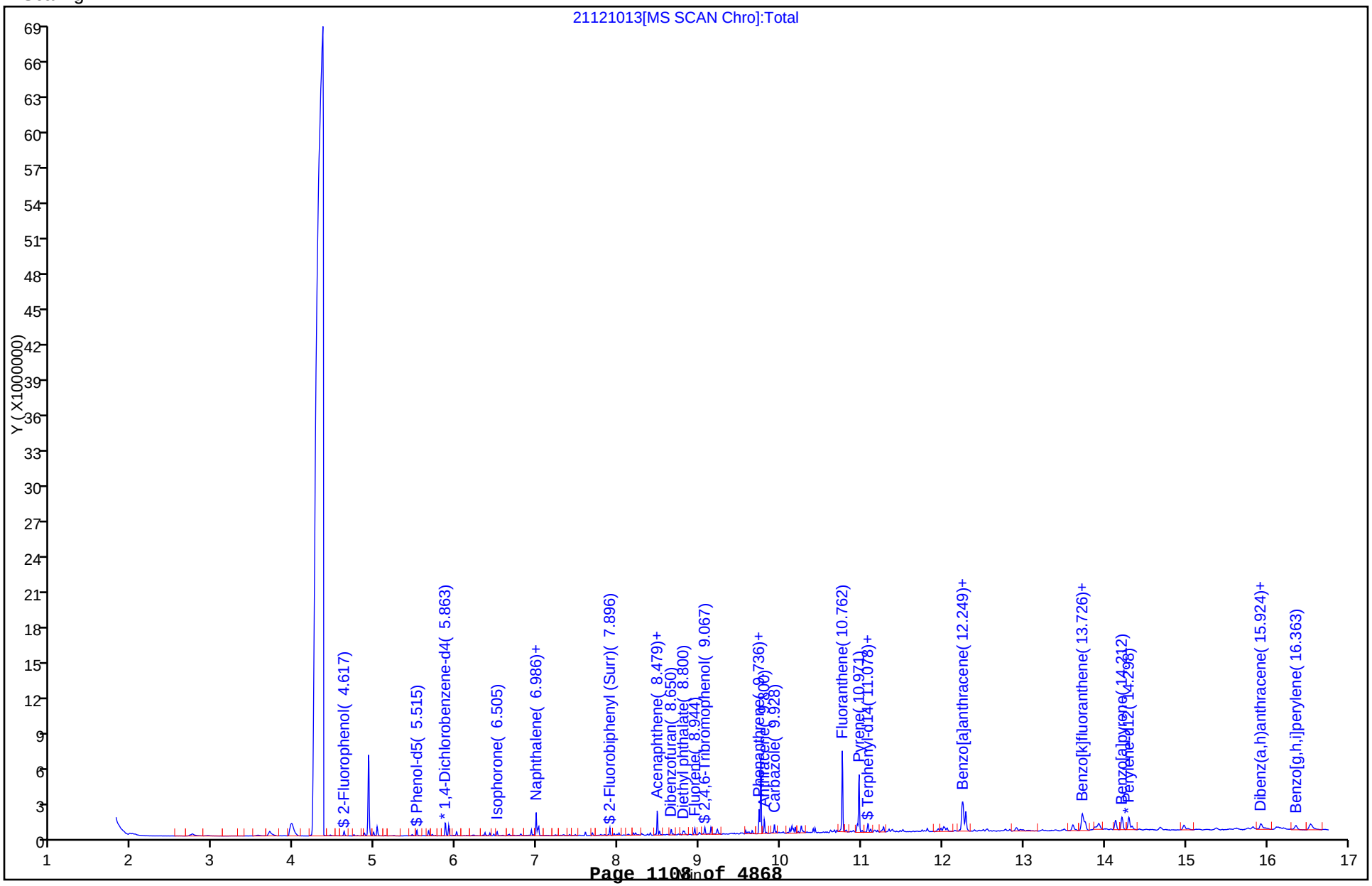
Review Flags
M - Manually Integrated

Report Date: 23-Nov-2012 10:11:14 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121013.D		
Injection Date:	21-Nov-2012 15:59:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0002M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	13
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



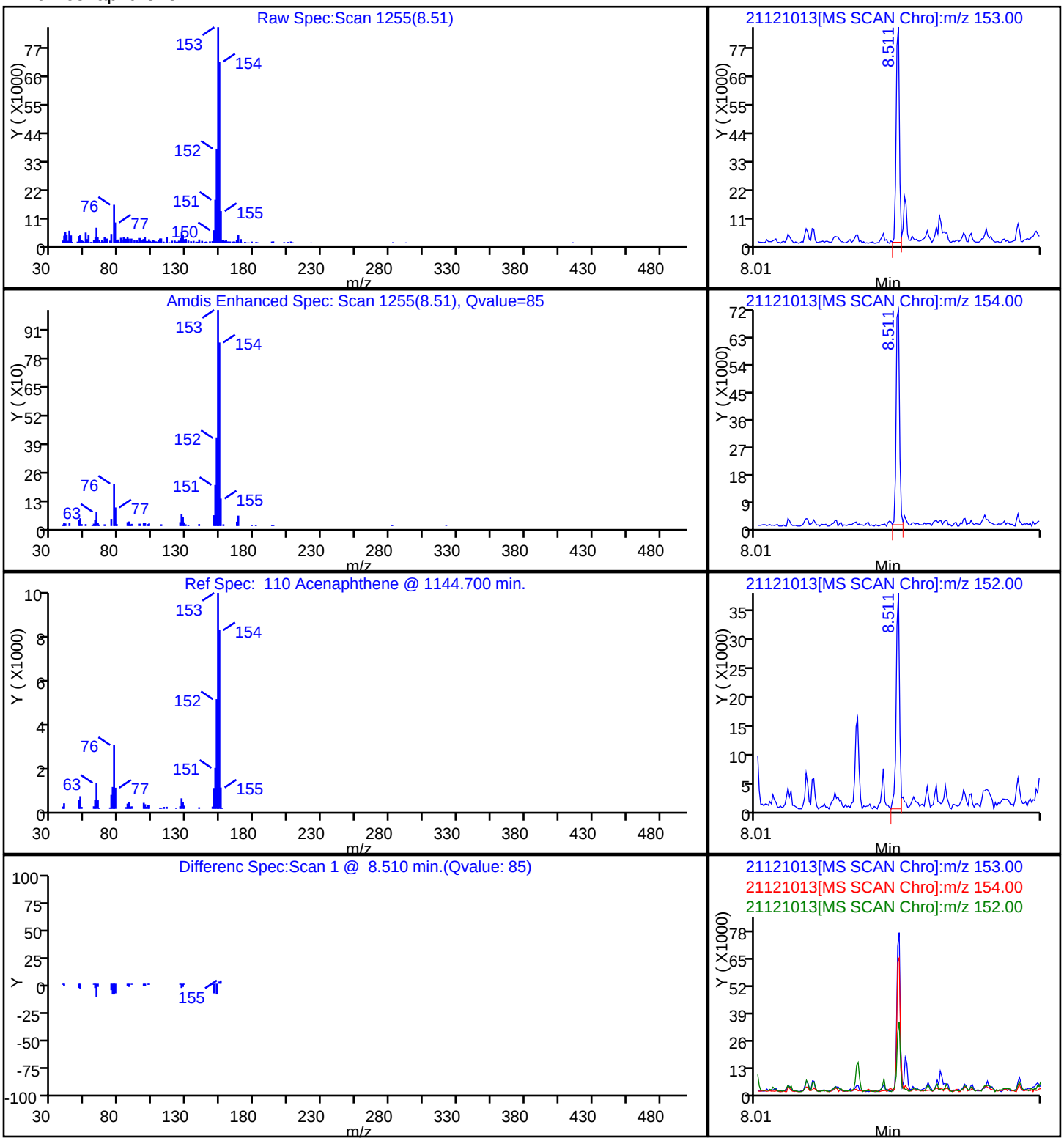
Report Date: 23-Nov-2012 10:11:14 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121013.D

Injection Date:	21-Nov-2012 15:59:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0002M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	13
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

110 Acenaphthene

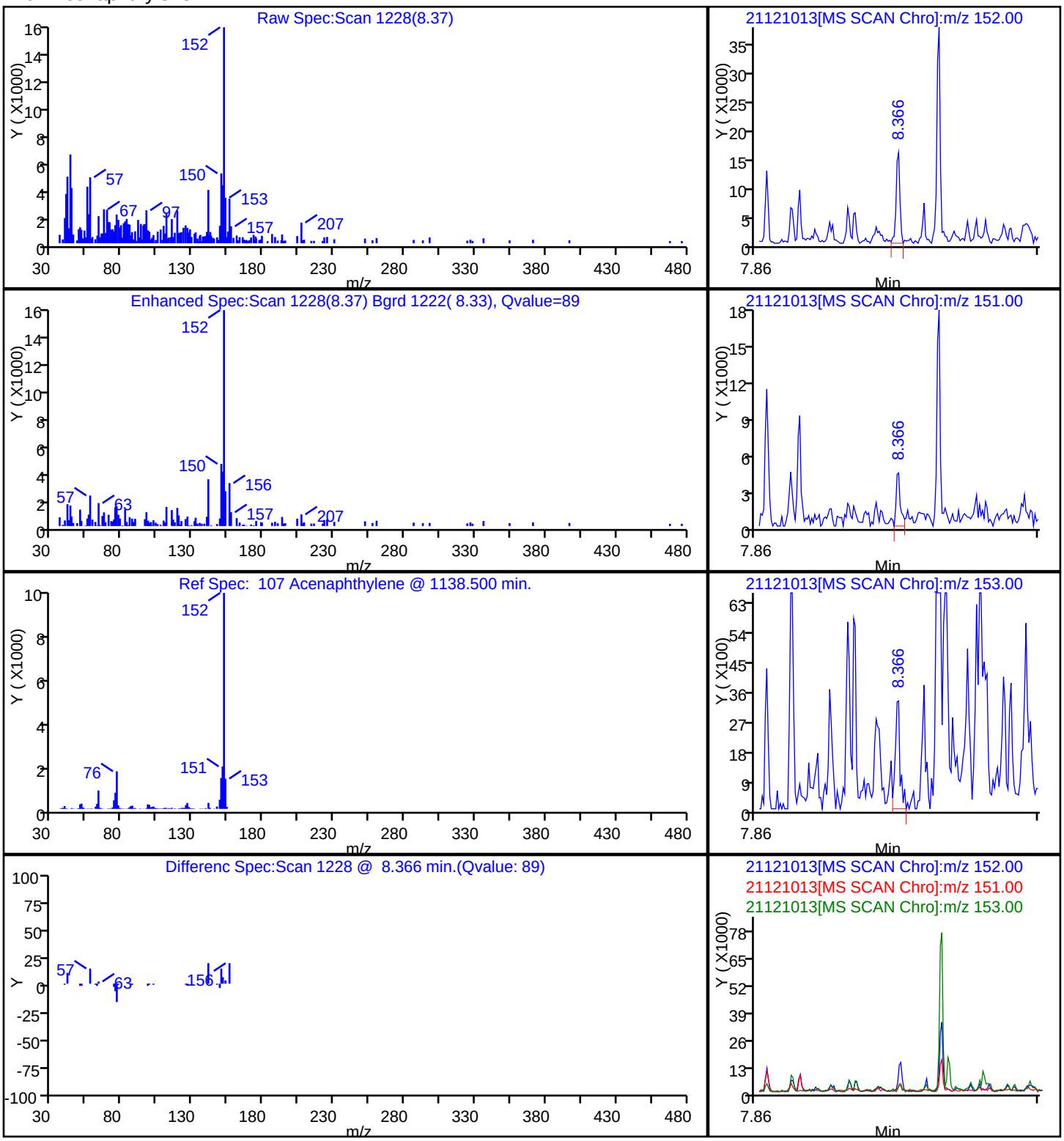


Report Date: 23-Nov-2012 10:11:14 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121013.D		
Injection Date:	21-Nov-2012 15:59:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0002M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	13
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

107 Acenaphthylene



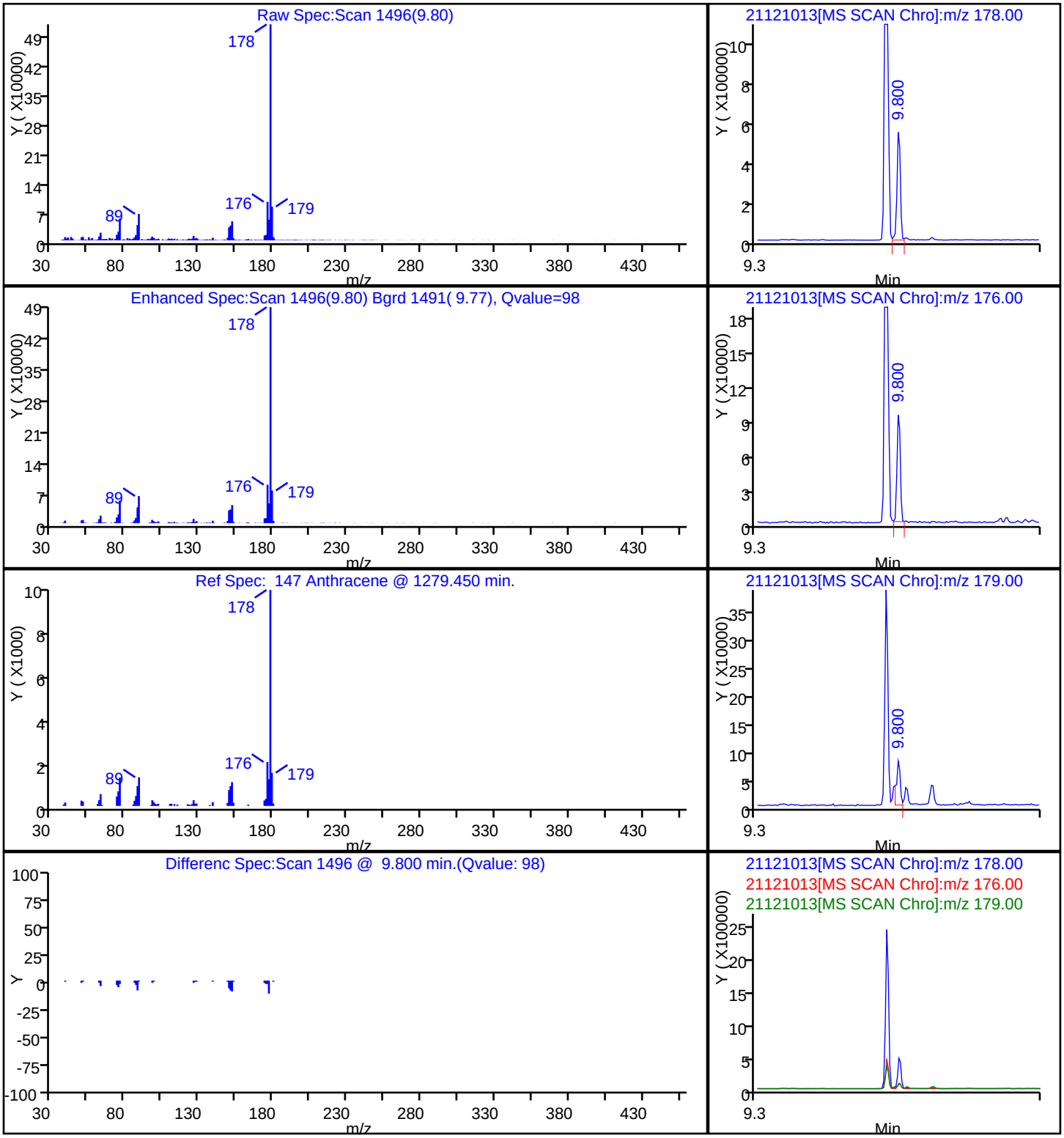
Report Date: 23-Nov-2012 10:11:14 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121013.D

Injection Date:	21-Nov-2012 15:59:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0002M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	13
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

147 Anthracene



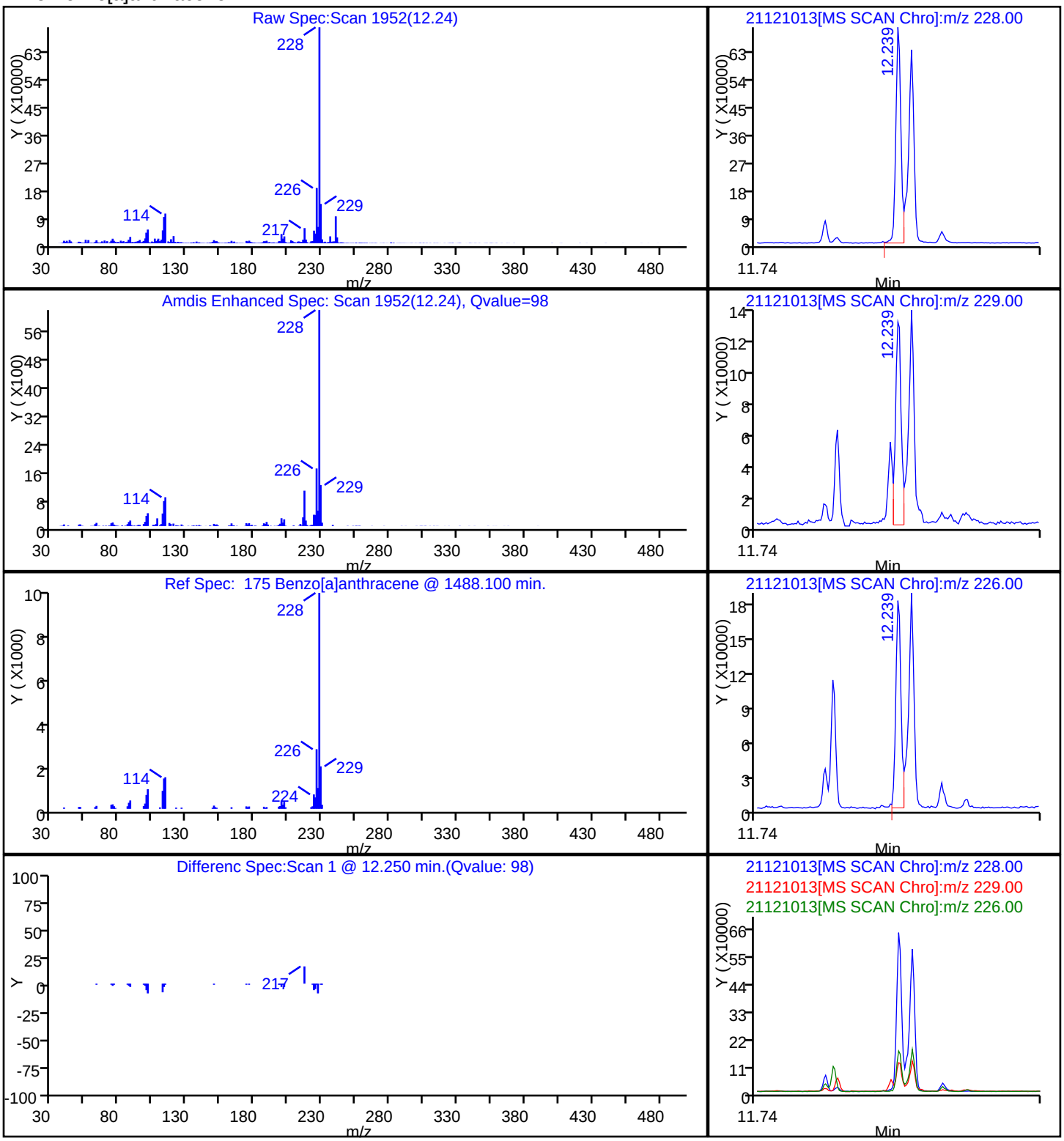
Report Date: 23-Nov-2012 10:11:14 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121013.D

Injection Date:	21-Nov-2012 15:59:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0002M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	13
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

175 Benzo[a]anthracene



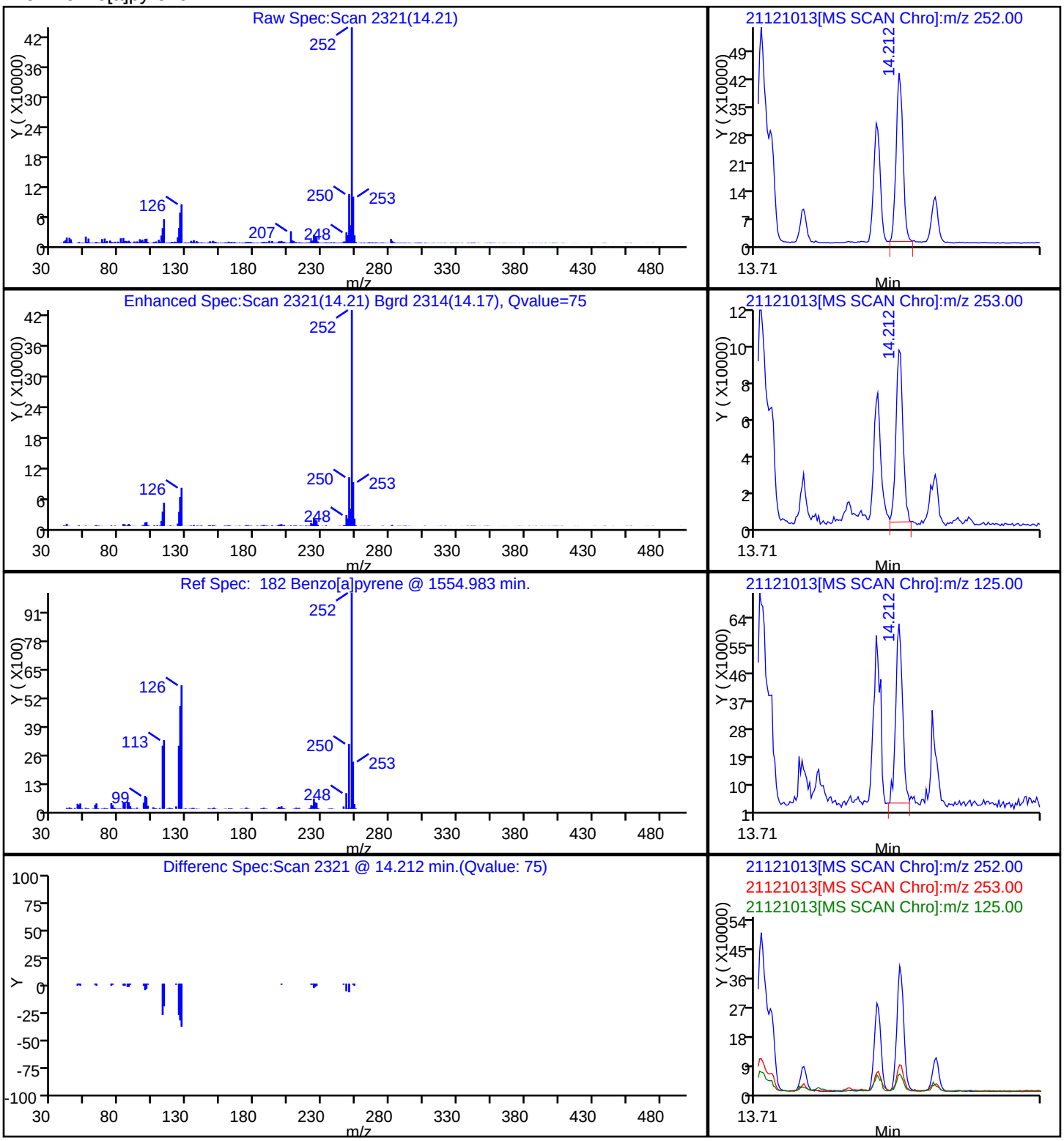
Report Date: 23-Nov-2012 10:11:15 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121013.D

Injection Date:	21-Nov-2012 15:59:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0002M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	13
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

182 Benzo[a]pyrene



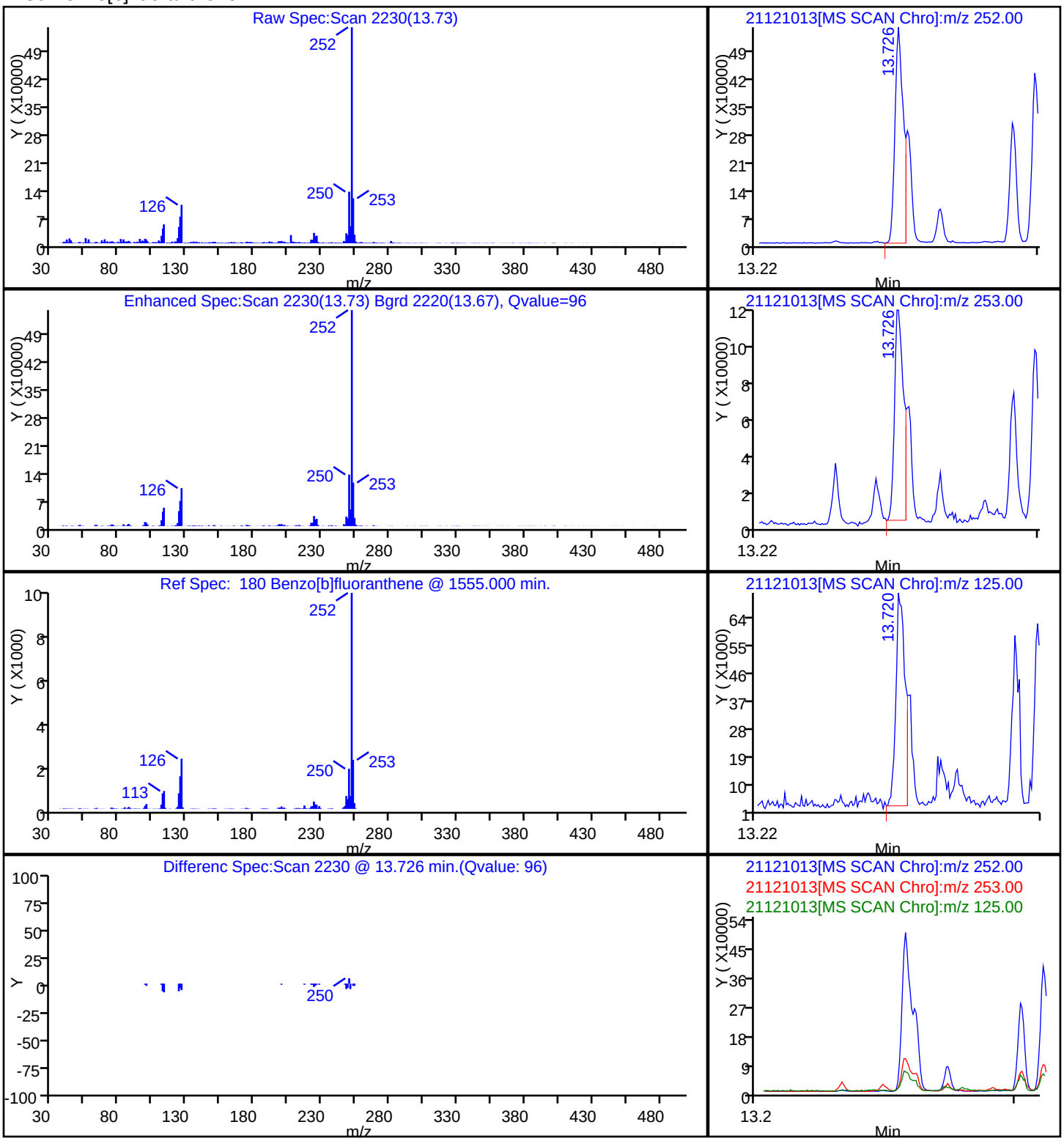
Report Date: 23-Nov-2012 10:11:15 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121013.D

Injection Date:	21-Nov-2012 15:59:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0002M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	13
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

180 Benzo[b]fluoranthene



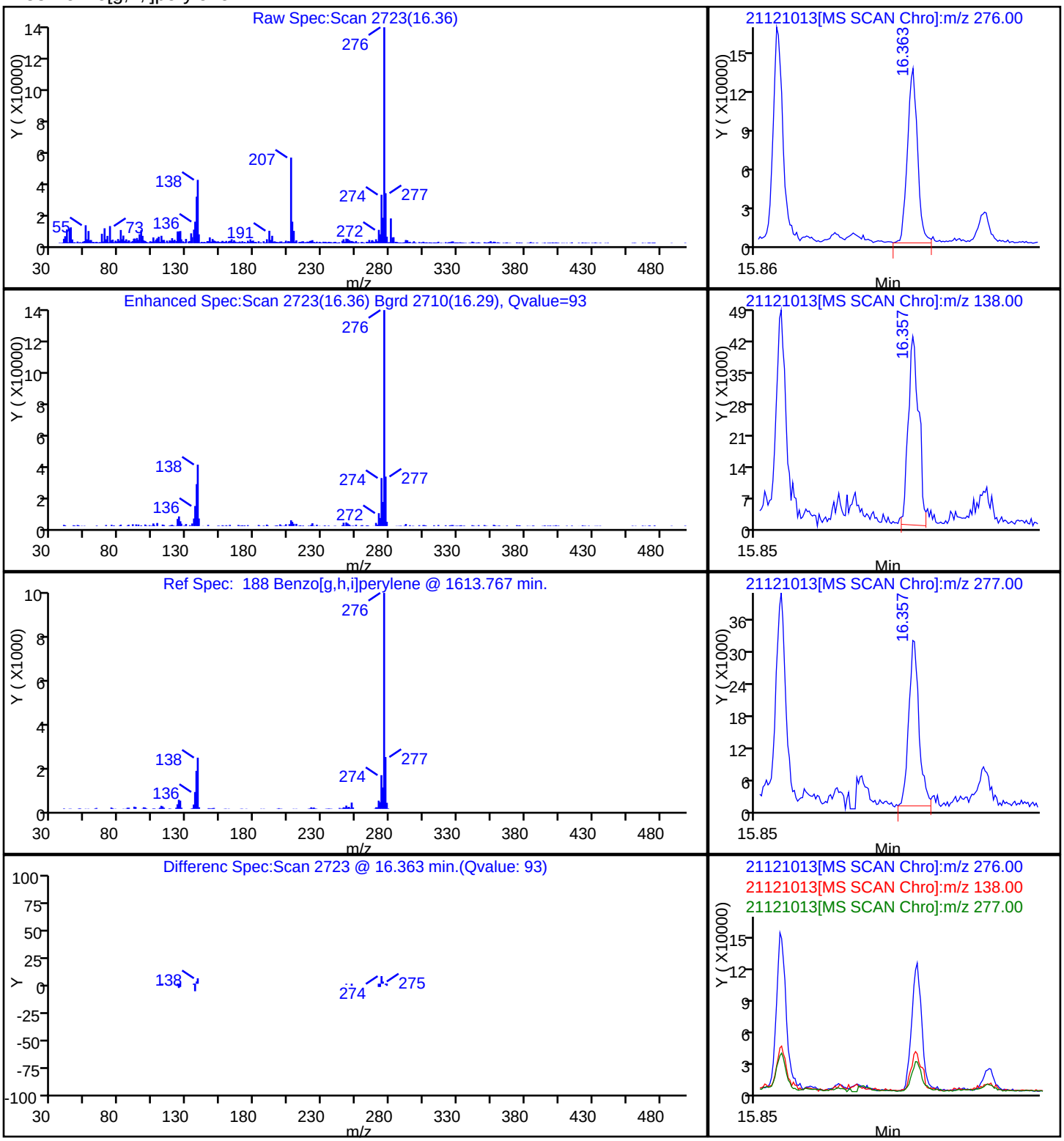
Report Date: 23-Nov-2012 10:11:15 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121013.D

Injection Date:	21-Nov-2012 15:59:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0002M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	13
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

188 Benzo[g,h,i]perylene



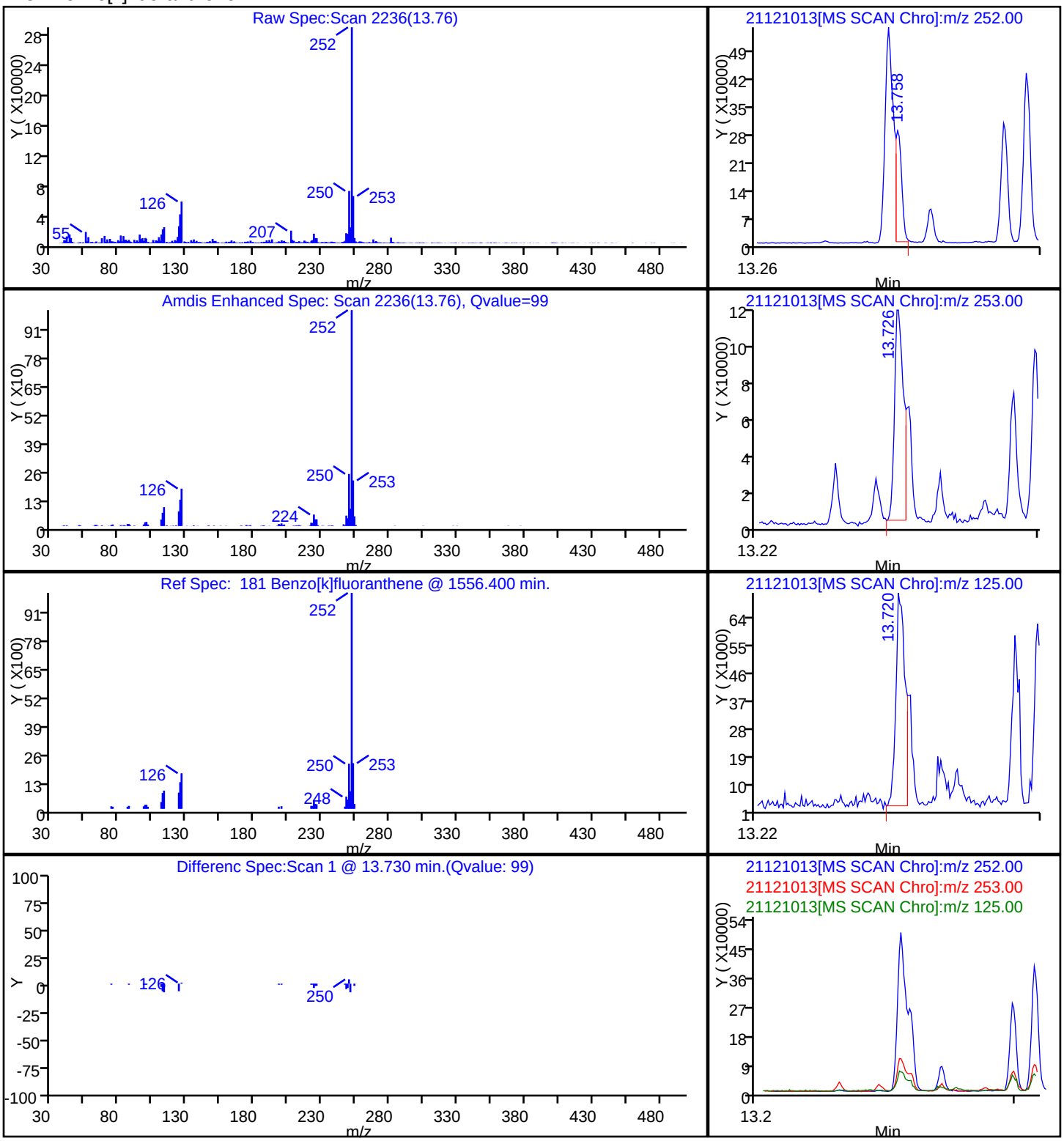
Report Date: 23-Nov-2012 10:11:15 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121013.D

Injection Date:	21-Nov-2012 15:59:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0002M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	13
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

181 Benzo[k]fluoranthene



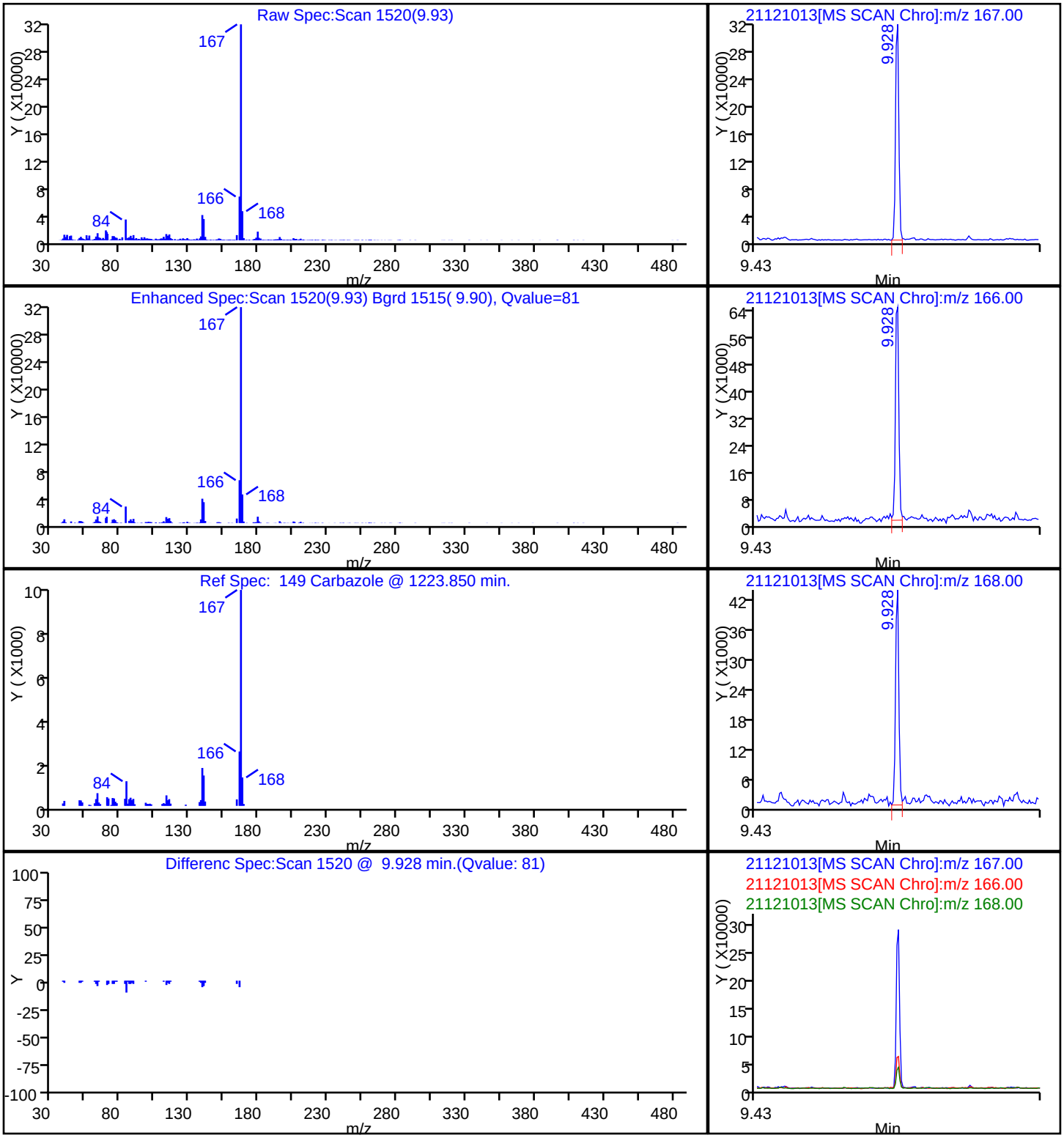
Report Date: 23-Nov-2012 10:11:14 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121013.D

Injection Date:	21-Nov-2012 15:59:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0002M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	13
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

149 Carbazole



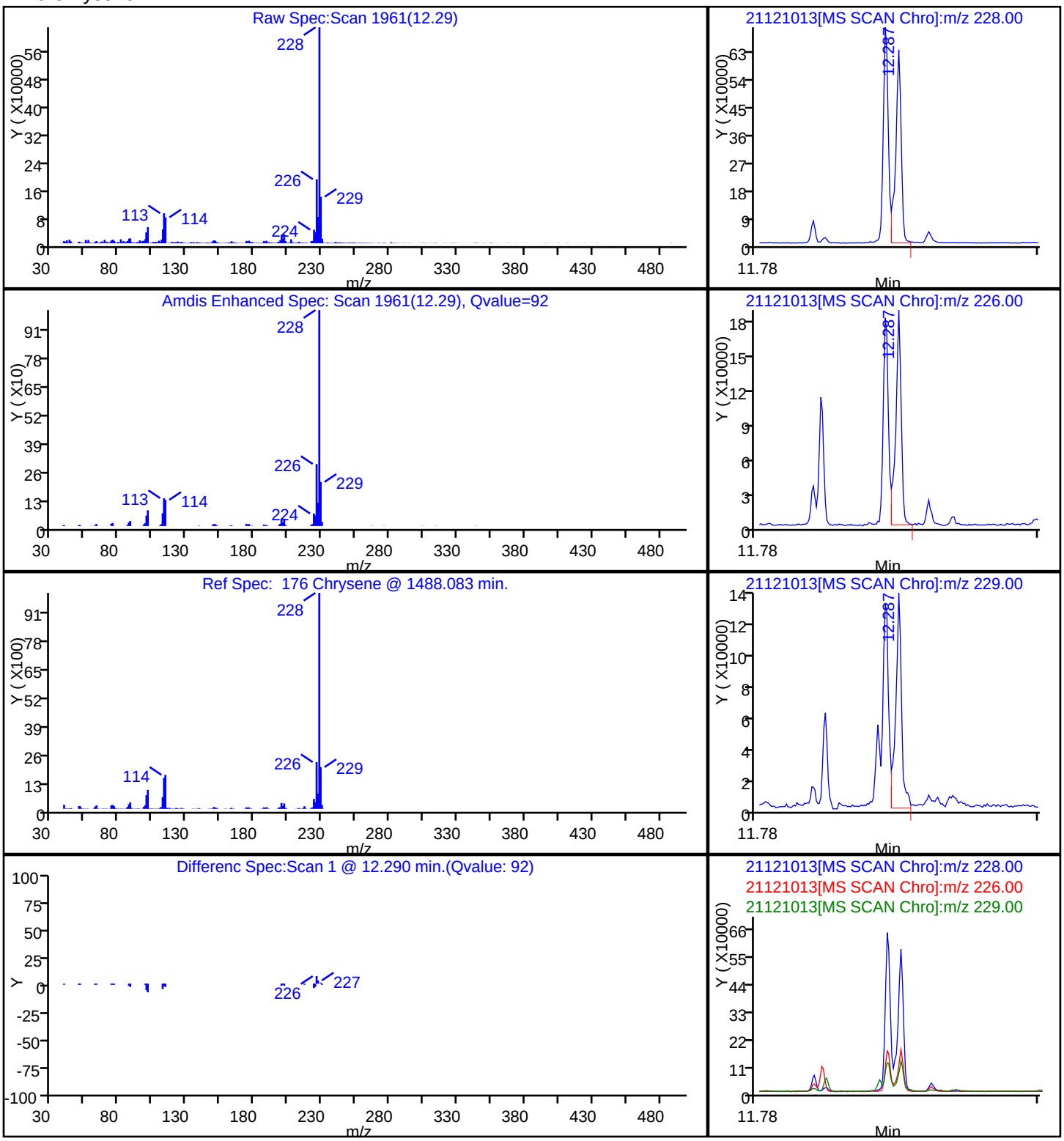
Report Date: 23-Nov-2012 10:11:15 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121013.D

Injection Date:	21-Nov-2012 15:59:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0002M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	13
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

176 Chrysene



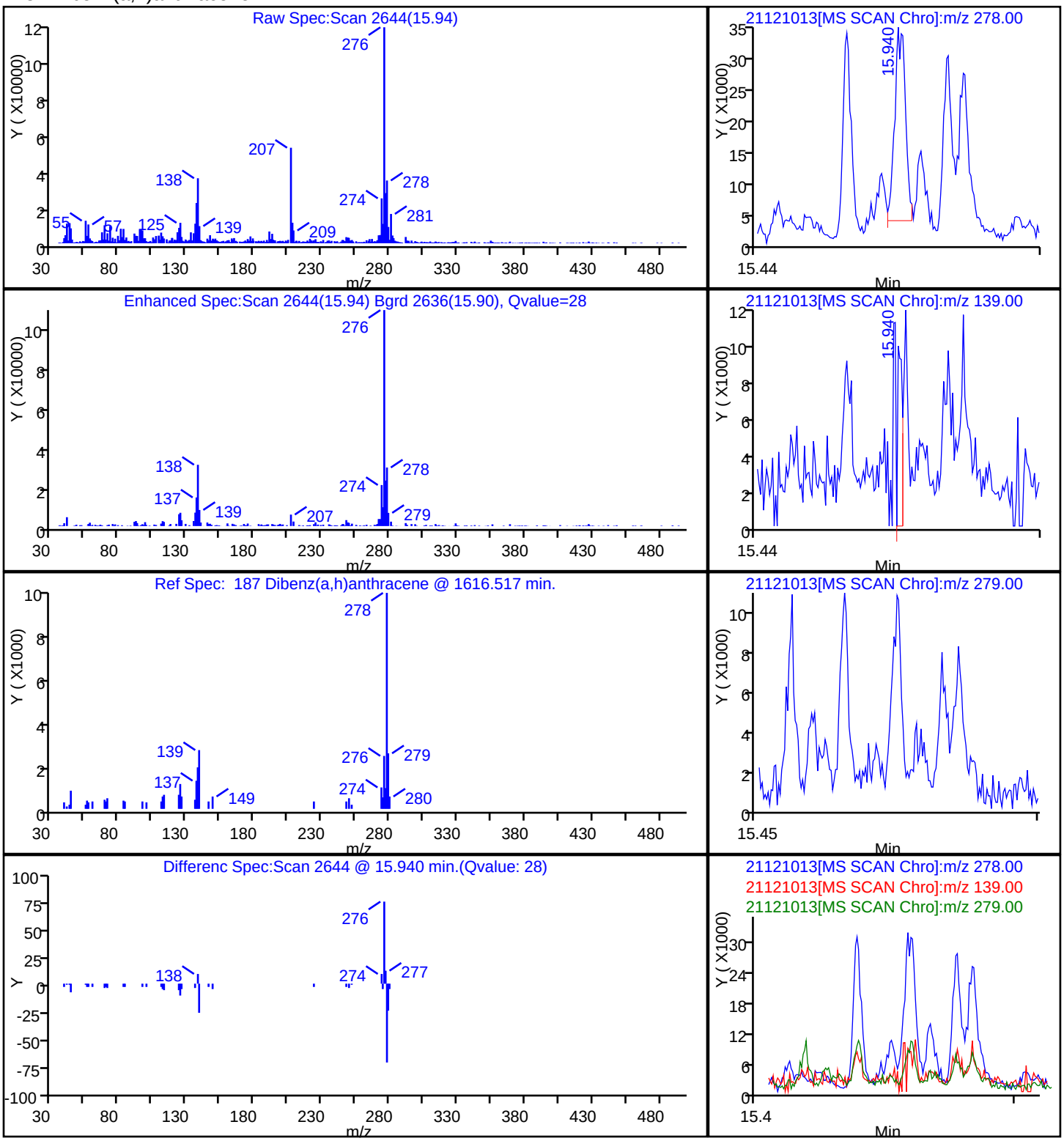
Report Date: 23-Nov-2012 10:11:15 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121013.D

Injection Date:	21-Nov-2012 15:59:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0002M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	13
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

187 Dibenz(a,h)anthracene



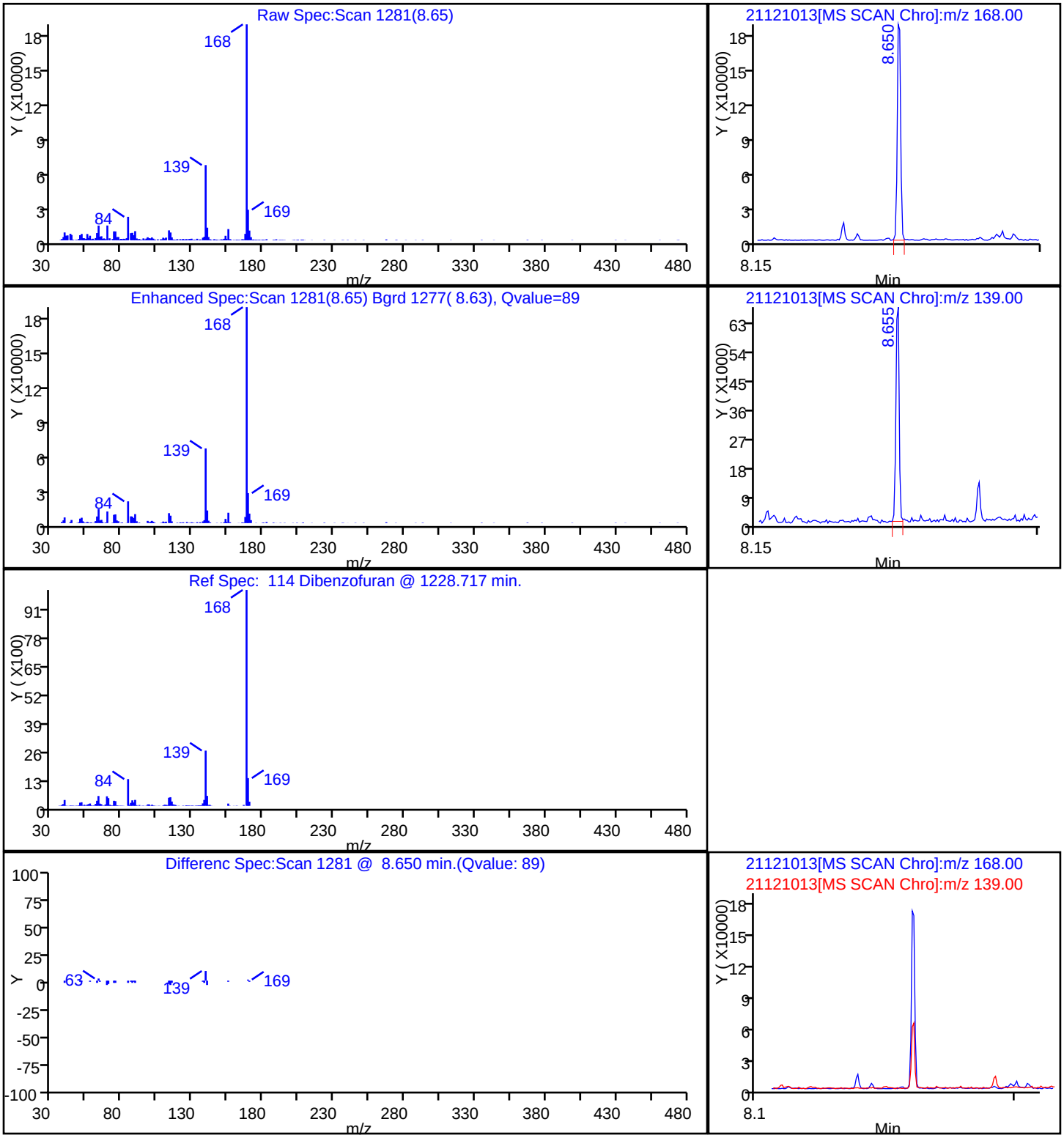
Report Date: 23-Nov-2012 10:11:14 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121013.D

Injection Date:	21-Nov-2012 15:59:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0002M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	13
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

114 Dibenzofuran



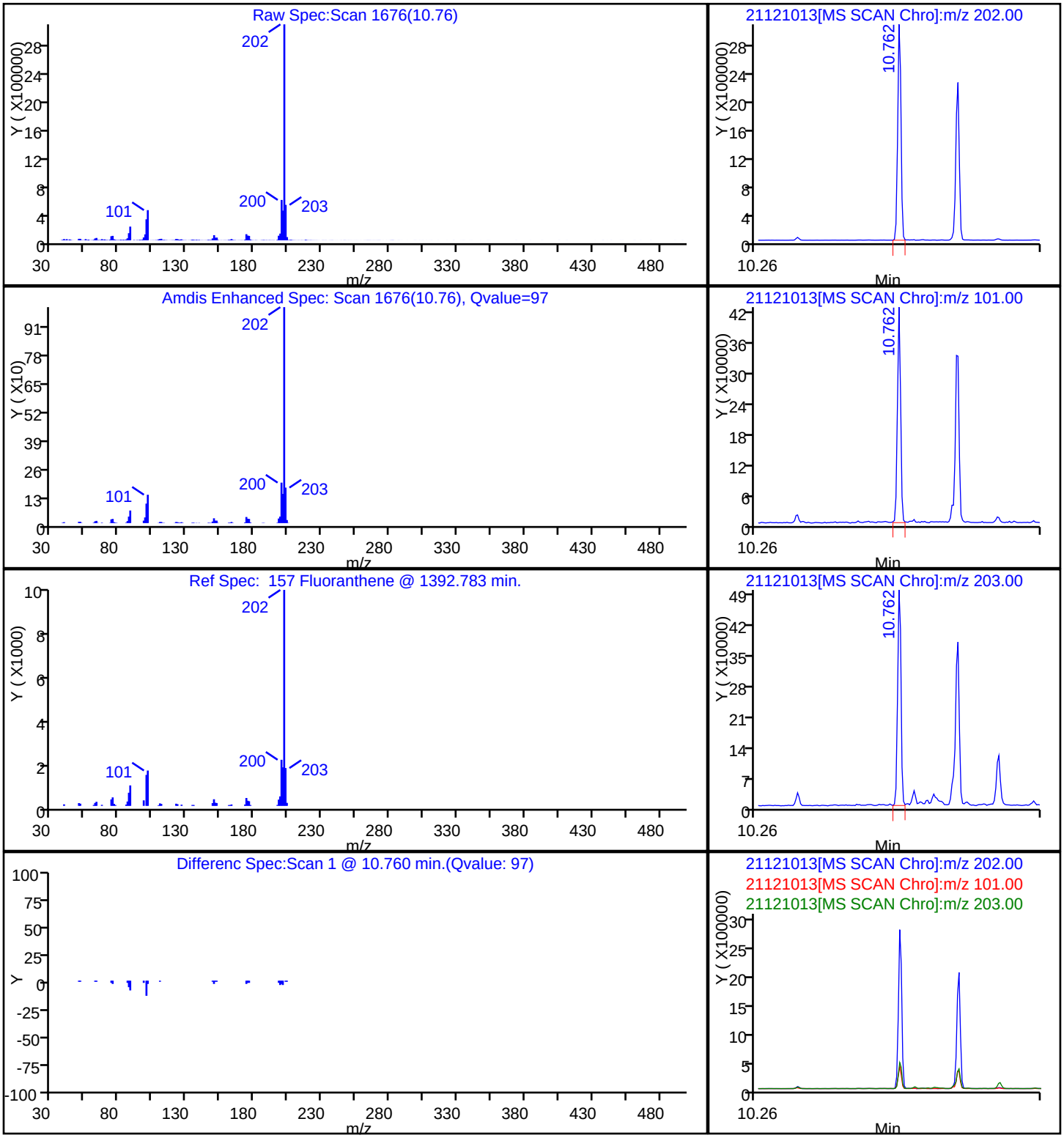
Report Date: 23-Nov-2012 10:11:14 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121013.D

Injection Date:	21-Nov-2012 15:59:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0002M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	13
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

157 Fluoranthene



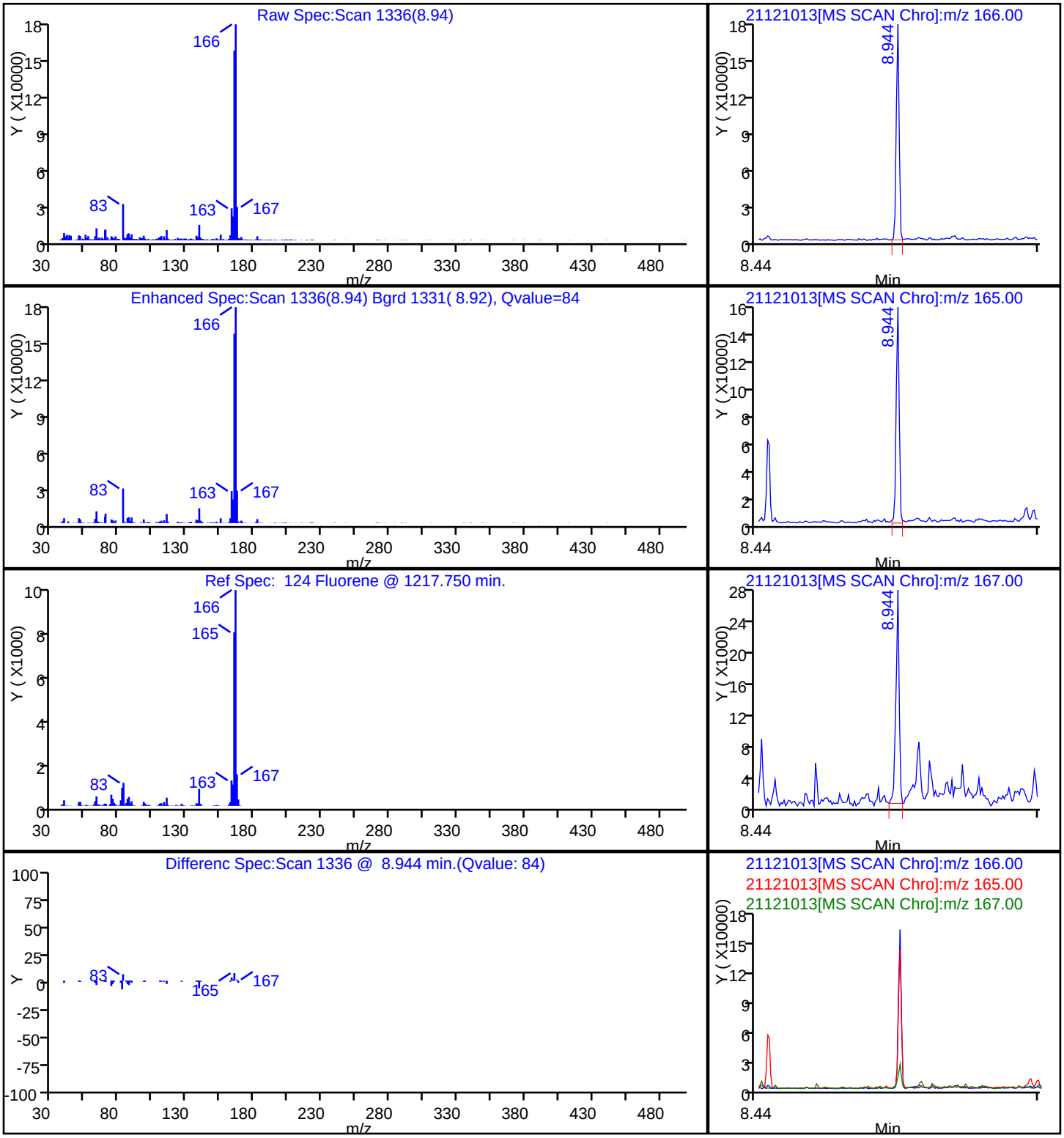
Report Date: 23-Nov-2012 10:11:14 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121013.D

Injection Date:	21-Nov-2012 15:59:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0002M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	13
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

124 Fluorene

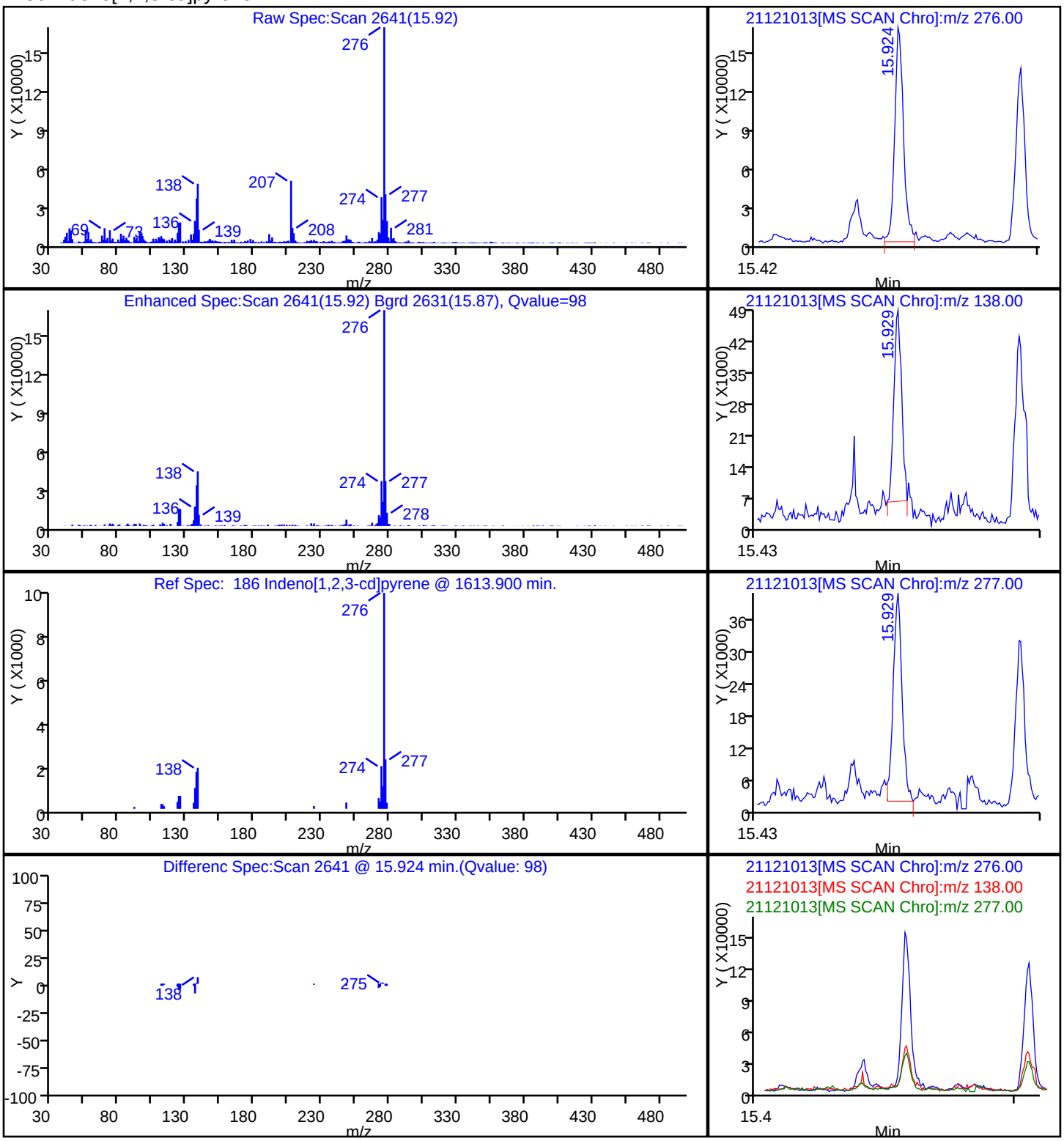


Report Date: 23-Nov-2012 10:11:15 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121013.D		
Injection Date:	21-Nov-2012 15:59:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0002M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	13
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

186 Indeno[1,2,3-cd]pyrene



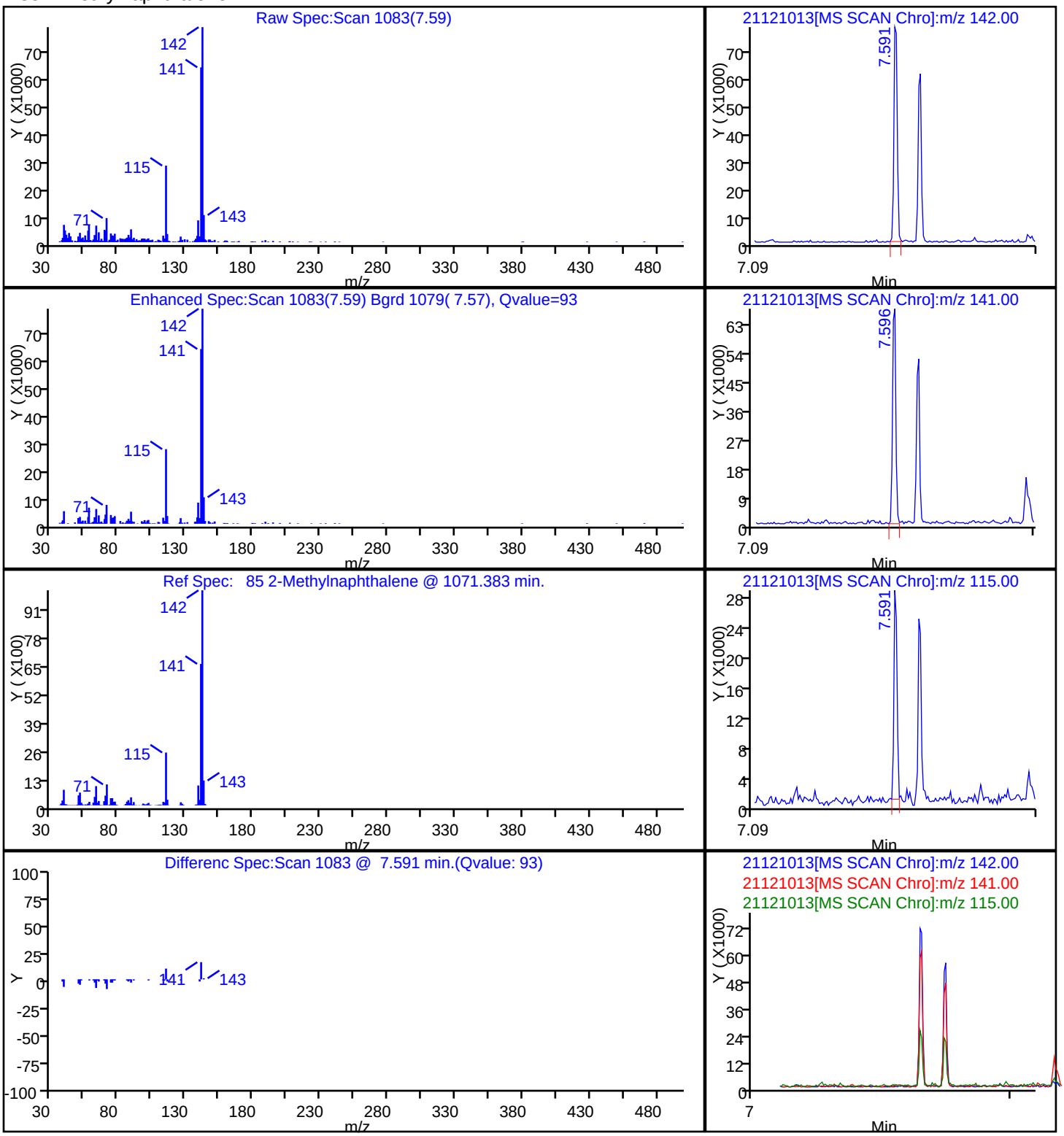
Report Date: 23-Nov-2012 10:11:14 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121013.D

Injection Date:	21-Nov-2012 15:59:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0002M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	13
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

85 2-Methylnaphthalene



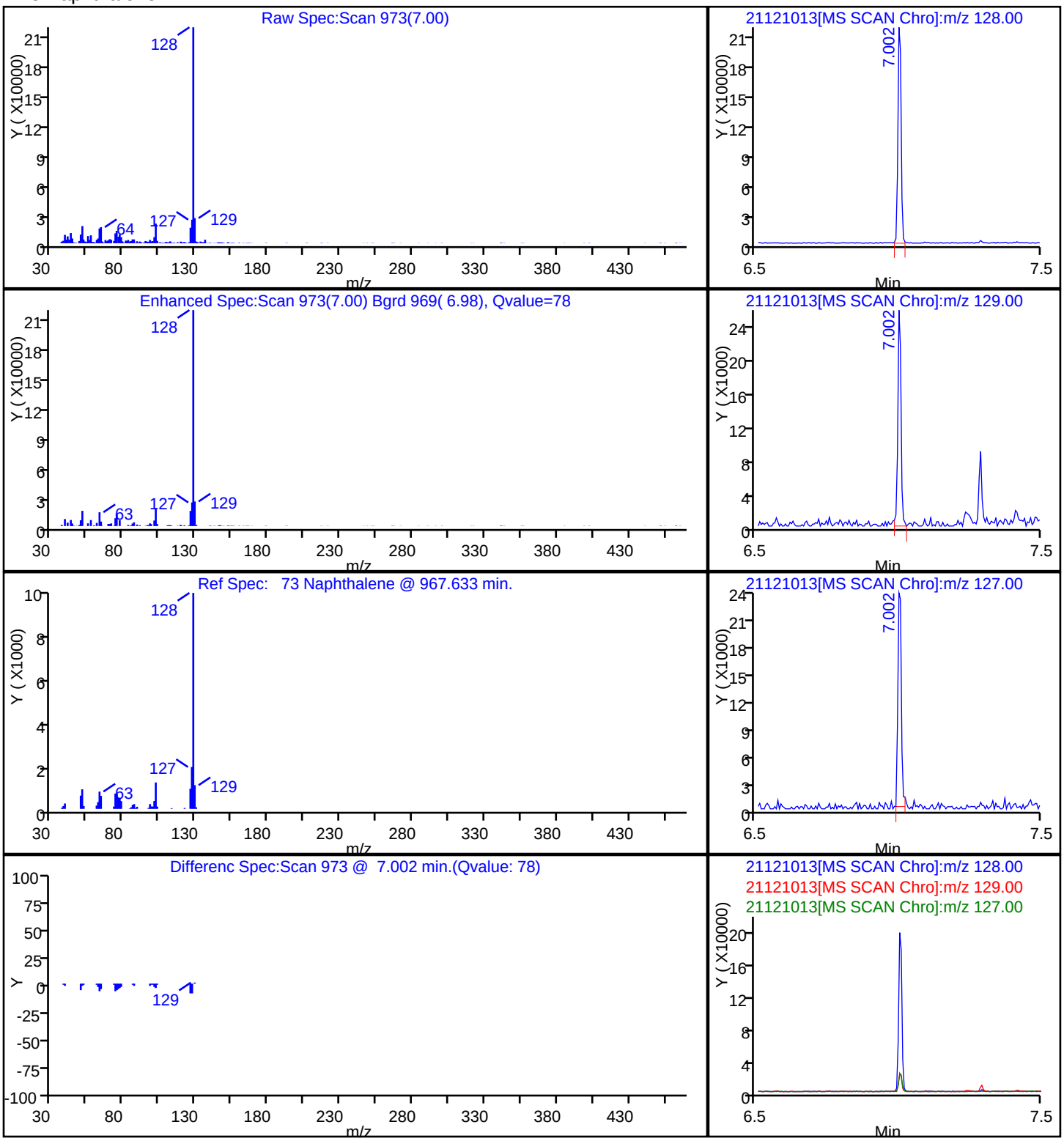
Report Date: 23-Nov-2012 10:11:14 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121013.D

Injection Date:	21-Nov-2012 15:59:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0002M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	13
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

73 Naphthalene

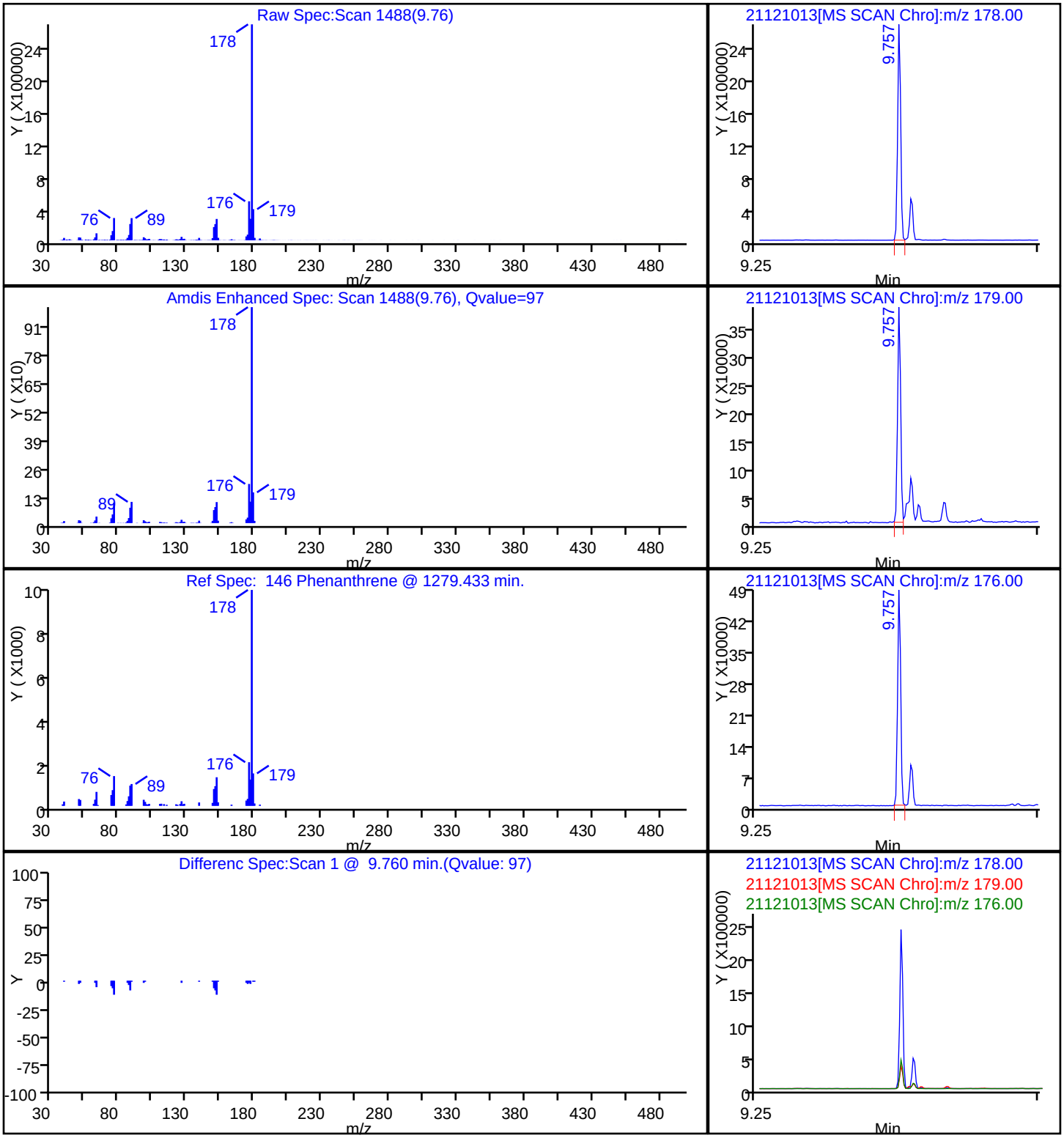


Report Date: 23-Nov-2012 10:11:14 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121013.D		
Injection Date:	21-Nov-2012 15:59:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0002M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	13
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

146 Phenanthrene



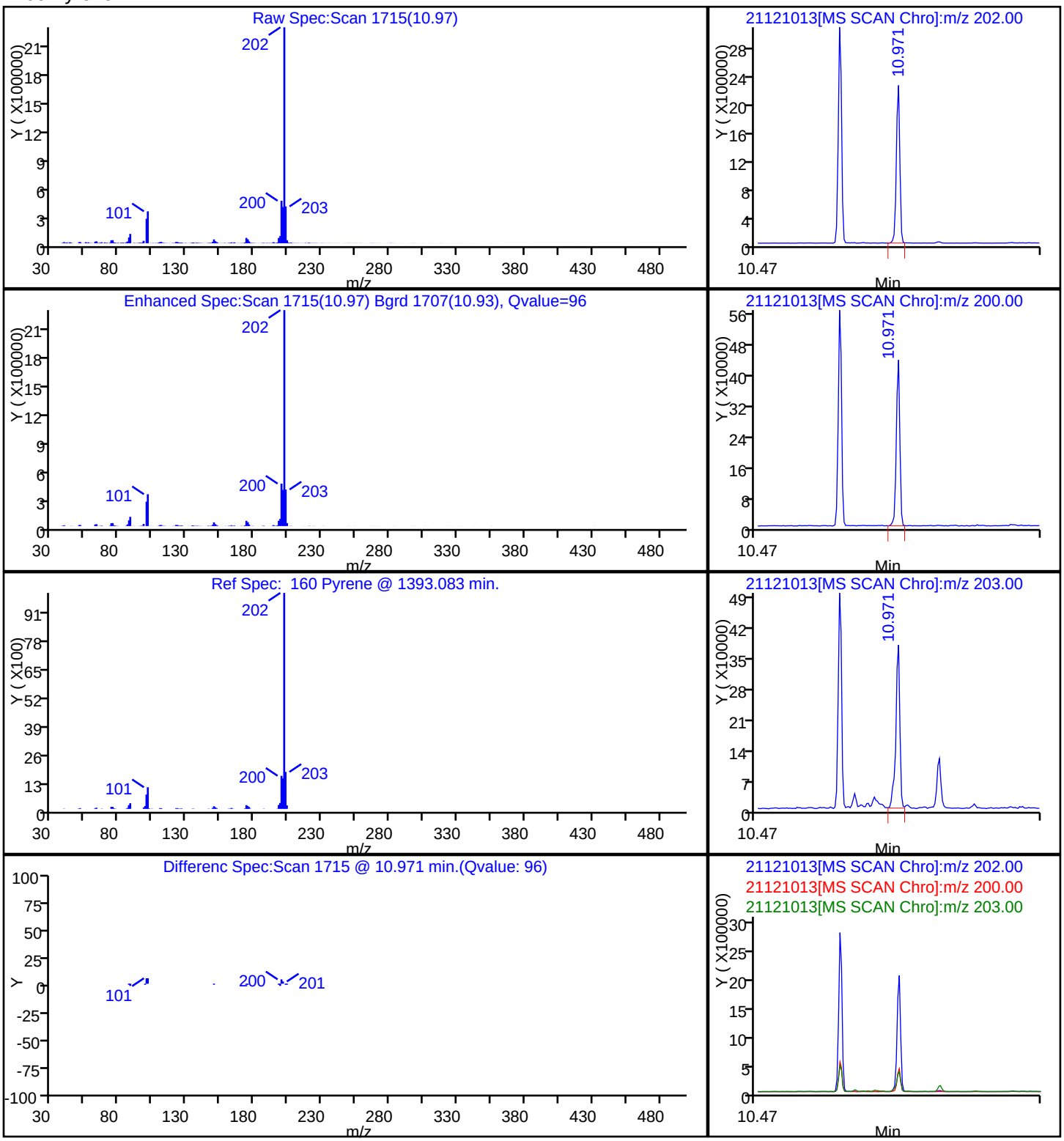
Report Date: 23-Nov-2012 10:11:14 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121013.D

Injection Date:	21-Nov-2012 15:59:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0002M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	13
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

160 Pyrene



Manual Integration/User Assign Peak Report

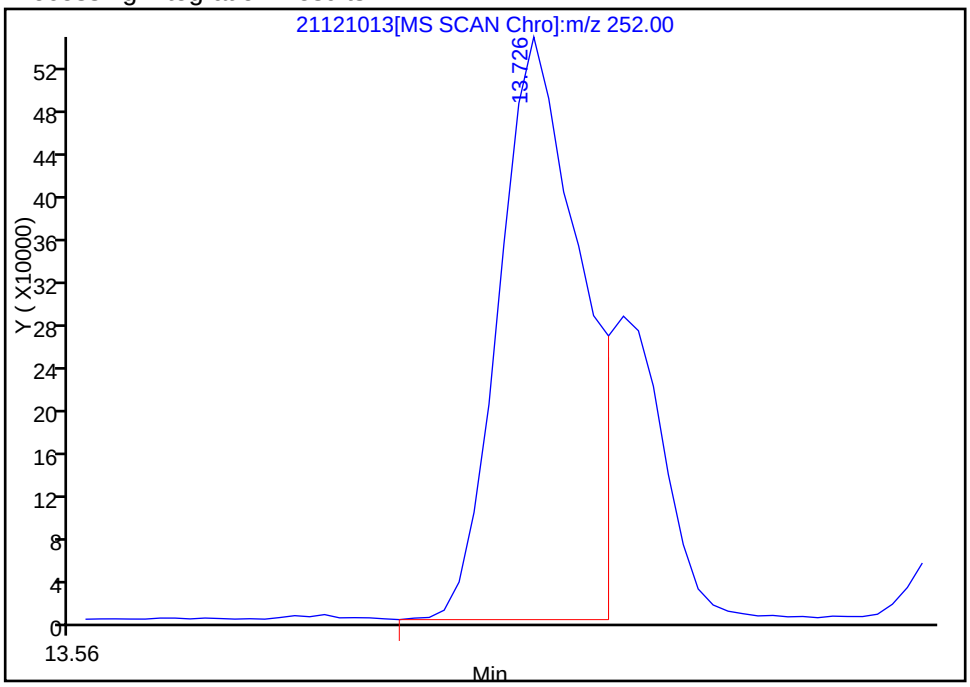
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121013.D		
Injection Date:	21-Nov-2012 15:59:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0002M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	13
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

181 Benzo[k]fluoranthene, Signal: 1, m/z: 252.0 Type: quant, RT: 13.76

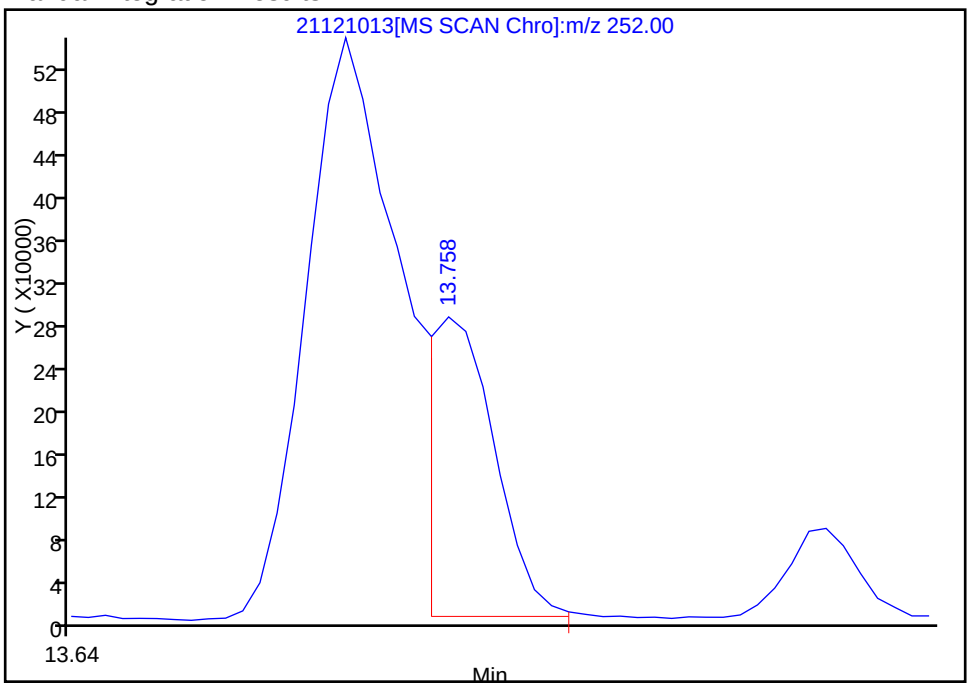
Processing Integration Results

RT: 13.73
Response: 1131275
Amount: 5.580773



Manual Integration Results

RT: 13.76
Response: 405829
Amount: 2.002024



Reviewer: gruberj, 23-Nov-2012 09:21:50
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

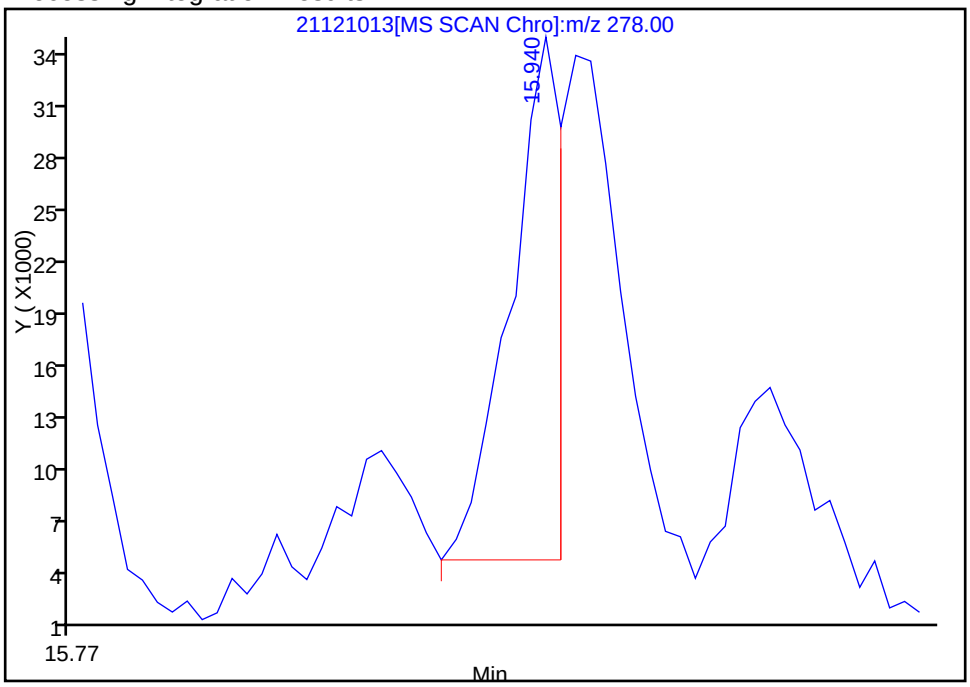
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121013.D		
Injection Date:	21-Nov-2012 15:59:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0002M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	13
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

187 Dibenz(a,h)anthracene, Signal: 1, m/z: 278.0 Type: quant, RT: 15.96

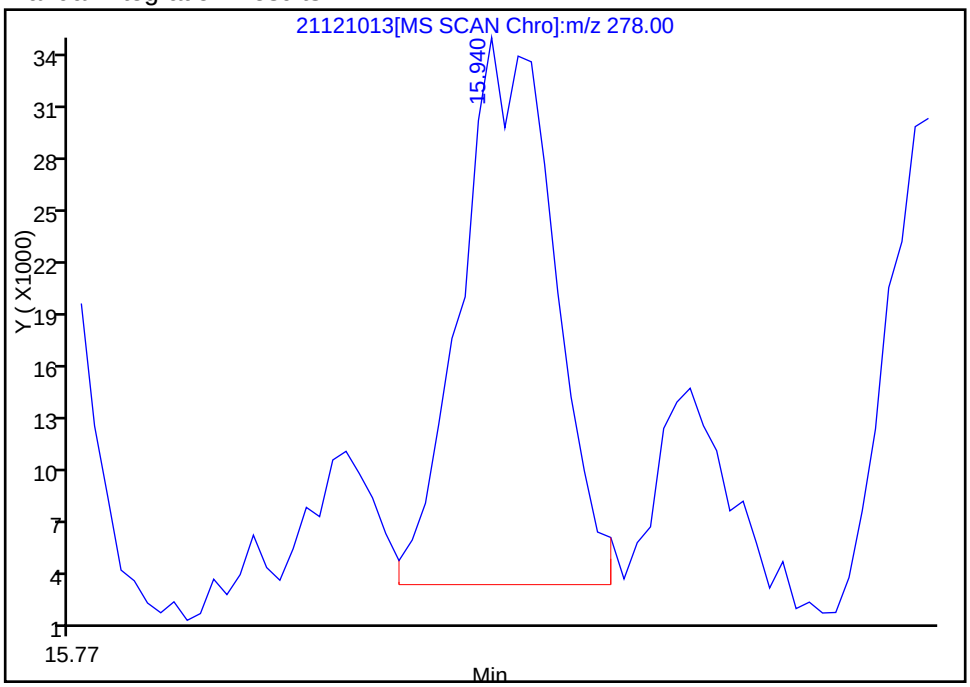
Processing Integration Results

RT: 15.94
Response: 37607
Amount: 0.376129



Manual Integration Results

RT: 15.94
Response: 80350
Amount: 0.611820



Reviewer: gruberj, 23-Nov-2012 09:21:50
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: 076SS-0001M-0001-SO | Lab Sample ID: 240-17317-2

Matrix: Solid | Lab File ID: 21121016.D

Analysis Method: 8270C/DoD | Date Collected: 11/06/2012 09:23

Extract. Method: 3540C | Date Extracted: 11/16/2012 11:46

Sample wt/vol: 30.09(g) | Date Analyzed: 11/21/2012 17:09

Con. Extract Vol.: 2(mL) | Dilution Factor: 12.5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 65876 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	660	D	83	41	41
208-96-8	Acenaphthylene	55	J D	83	41	41
120-12-7	Anthracene	2600	D	83	41	41
56-55-3	Benzo[a]anthracene	5800	D	83	41	41
50-32-8	Benzo[a]pyrene	5100	D	83	41	41
205-99-2	Benzo[b]fluoranthene	8000	D	83	41	41
191-24-2	Benzo[g,h,i]perylene	2000	D	83	41	41
65-85-0	Benzoic acid	4200	U	8200	4200	4200
207-08-9	Benzo[k]fluoranthene	2200	D M	83	41	41
100-51-6	Benzyl alcohol	340	U	4100	340	260
111-91-1	Bis(2-chloroethoxy)methane	340	U	1200	340	270
111-44-4	Bis(2-chloroethyl)ether	41	U	1200	41	25
108-60-1	bis (2-chloroisopropyl) ether	340	U	1200	340	120
117-81-7	Bis(2-ethylhexyl) phthalate	340	U	620	340	240
101-55-3	4-Bromophenyl phenyl ether	340	U	620	340	160
85-68-7	Butyl benzyl phthalate	340	U	620	340	120
86-74-8	Carbazole	1700	D	620	340	340
106-47-8	4-Chloroaniline	340	U	1900	340	210
59-50-7	4-Chloro-3-methylphenol	340	U	1900	340	260
91-58-7	2-Chloronaphthalene	41	U	620	41	41
95-57-8	2-Chlorophenol	340	U	620	340	340
7005-72-3	4-Chlorophenyl phenyl ether	340	U	620	340	160
218-01-9	Chrysene	6000	D	83	41	14
53-70-3	Dibenz(a,h)anthracene	720	D	83	41	41
132-64-9	Dibenzofuran	1000	D	620	41	41
106-46-7	1,4-Dichlorobenzene	340	U	620	340	250
95-50-1	1,2-Dichlorobenzene	340	U	620	340	120
541-73-1	1,3-Dichlorobenzene	340	U	620	340	140
91-94-1	3,3'-Dichlorobenzidine	1000	U	1200	1000	220
120-83-2	2,4-Dichlorophenol	340	U	1900	340	250
84-66-2	Diethyl phthalate	340	U	620	340	200
105-67-9	2,4-Dimethylphenol	1000	U	1900	1000	250
131-11-3	Dimethyl phthalate	340	U	620	340	210
84-74-2	Di-n-butyl phthalate	340	U	620	340	190

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: 076SS-0001M-0001-SO | Lab Sample ID: 240-17317-2

Matrix: Solid | Lab File ID: 21121016.D

Analysis Method: 8270C/DoD | Date Collected: 11/06/2012 09:23

Extract. Method: 3540C | Date Extracted: 11/16/2012 11:46

Sample wt/vol: 30.09(g) | Date Analyzed: 11/21/2012 17:09

Con. Extract Vol.: 2(mL) | Dilution Factor: 12.5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 65876 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	1000	U	1900	1000	1000
51-28-5	2,4-Dinitrophenol	1000	U	4100	1000	1000
121-14-2	2,4-Dinitrotoluene	340	U	2500	340	340
606-20-2	2,6-Dinitrotoluene	340	U	2500	340	260
117-84-0	Di-n-octyl phthalate	340	U	620	340	340
206-44-0	Fluoranthene	16000	D	83	41	41
86-73-7	Fluorene	1000	D	83	41	41
118-74-1	Hexachlorobenzene	41	U	83	41	26
87-68-3	Hexachlorobutadiene	340	U	620	340	340
77-47-4	Hexachlorocyclopentadiene	340	U	4100	340	340
67-72-1	Hexachloroethane	340	U	620	340	110
193-39-5	Indeno[1,2,3-cd]pyrene	1900	D	83	41	41
78-59-1	Isophorone	340	U	620	340	160
91-57-6	2-Methylnaphthalene	450	D	83	41	41
95-48-7	2-Methylphenol	1000	U	2500	1000	1000
15831-10-4	3 & 4 Methylphenol	1000	U	5000	1000	250
91-20-3	Naphthalene	700	D	83	41	41
88-74-4	2-Nitroaniline	340	U	2500	340	110
99-09-2	3-Nitroaniline	1000	U	2500	1000	200
100-01-6	4-Nitroaniline	340	U	2500	340	320
98-95-3	Nitrobenzene	41	U	1200	41	27
88-75-5	2-Nitrophenol	340	U	620	340	340
100-02-7	4-Nitrophenol	1000	U	4100	1000	1000
621-64-7	N-Nitrosodi-n-propylamine	340	U	620	340	340
86-30-6	N-Nitrosodiphenylamine	340	U	620	340	260
87-86-5	Pentachlorophenol	1000	U	1900	1000	1000
85-01-8	Phenanthrene	13000	D	83	41	41
108-95-2	Phenol	340	U	620	340	340
129-00-0	Pyrene	11000	D	83	41	41
120-82-1	1,2,4-Trichlorobenzene	340	U	620	340	340
95-95-4	2,4,5-Trichlorophenol	340	U	1900	340	310
88-06-2	2,4,6-Trichlorophenol	1000	U	1900	1000	1000

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: 076SS-0001M-0001-SO | Lab Sample ID: 240-17317-2

Matrix: Solid | Lab File ID: 21121016.D

Analysis Method: 8270C/DoD | Date Collected: 11/06/2012 09:23

Extract. Method: 3540C | Date Extracted: 11/16/2012 11:46

Sample wt/vol: 30.09(g) | Date Analyzed: 11/21/2012 17:09

Con. Extract Vol.: 2(mL) | Dilution Factor: 12.5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 65876 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	72		45-105
367-12-4	2-Fluorophenol (Surr)	63		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	60		35-100
1718-51-0	Terphenyl-d14 (Surr)	81		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	78		35-125
4165-62-2	Phenol-d5 (Surr)	72		40-100

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121016.D		
Lims ID:	240-17317-A-2-E	Client ID:	076SS-0001M-0001-SO
Inject. Date:	21-Nov-2012 17:09:30	Dil. Factor:	12.5000
Sample Type:	Client		
Sample ID:	240-0015157-016		
Misc. Info.:	240-17317-a-2-e		
Operator:	001710	Instrument ID:	A4HP7
Injection Vol:	1.0 ul	ALS Bottle#:	16
Lims Batch ID:	65876	Lims Sample ID:	16
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP7\20121121-15157.b\8270_hp7.m		
Last Update:	23-Nov-2012 10:11:01	Calib Date:	14-Nov-2012 18:19:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP7\20121114-14953.b\21114010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK037		

First Level Reviewer: gruberj Date: 23-Nov-2012 09:58:23

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.869	5.863	0.006	96	174538	4.00	
* 2 Naphthalene-d8	136	6.986	6.986	0.0	99	682501	4.00	
* 3 Acenaphthene-d10	164	8.479	8.479	0.0	92	393872	4.00	
* 4 Phenanthrene-d10	188	9.736	9.736	0.0	97	703998	4.00	
* 5 Chrysene-d12	240	12.255	12.255	0.0	97	757319	4.00	
* 6 Perylene-d12	264	14.298	14.298	0.0	92	563182	4.00	
$ 7 2-Fluorophenol	112	4.606	4.595	0.011	86	41043	0.7607	
$ 8 Phenol-d5	99	5.510	5.510	0.0	96	59116	0.8630	
$ 9 Nitrobenzene-d5	82	6.355	6.355	0.0	85	28732	0.4788	
$ 10 2-Fluorobiphenyl (Surr)	172	7.896	7.896	0.0	98	73404	0.5744	
$ 11 2,4,6-Tribromophenol	330	9.147	9.147	0.0	61	15309	0.9396	
$ 12 Terphenyl-d14	244	11.083	11.083	0.0	97	91126	0.6497	
41 Phenol	94		5.521					9
44 Bis(2-chloroethyl)ether	93		5.617					9
46 2-Chlorophenol	128		5.671					
47 1,3-Dichlorobenzene	146		5.815					9
48 1,4-Dichlorobenzene	146		5.879					9
49 Benzyl alcohol	108		5.981					9
50 1,2-Dichlorobenzene	146		6.018					
51 2-Methylphenol	108		6.072					9
52 2,2'-oxybis[1-chloropropane]	45		6.098					
191 3 & 4 Methylphenol	108		6.200					
56 N-Nitrosodi-n-propylamine	70		6.211					
60 Hexachloroethane	117		6.323					
61 Nitrobenzene	77		6.371					
63 Isophorone	82		6.574					
65 2-Nitrophenol	139		6.649					9
64 2,4-Dimethylphenol	107		6.671					9
69 Benzoic acid	122		6.735					
68 Bis(2-chloroethoxy)methane	93		6.756					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
71 2,4-Dichlorophenol	162		6.853					
72 1,2,4-Trichlorobenzene	180		6.933					
73 Naphthalene	128	7.002	7.002	0.0	96	144392	0.8467	
74 4-Chloroaniline	127		7.040					
77 Hexachlorobutadiene	225		7.104					
84 4-Chloro-3-methylphenol	107		7.436					9
85 2-Methylnaphthalene	142	7.596	7.596	0.0	94	59537	0.5458	
88 Hexachlorocyclopentadiene	237		7.724					
90 2,4,6-Trichlorophenol	196		7.826					
91 2,4,5-Trichlorophenol	196		7.853					
98 2-Chloronaphthalene	162		8.008					9
100 2-Nitroaniline	65		8.083					9
103 Dimethyl phthalate	163		8.222					9
105 2,6-Dinitrotoluene	165		8.281					
107 Acenaphthylene	152	8.366	8.361	0.005	83	11902	0.0662	
108 3-Nitroaniline	138		8.425					
110 Acenaphthene	153	8.511	8.511	0.0	84	85932	0.7953	
109 2,4-Dinitrophenol	184		8.516					
111 4-Nitrophenol	109		8.548					
112 2,4-Dinitrotoluene	165		8.623					9
114 Dibenzofuran	168	8.650	8.655	-0.005	90	197566	1.23	
119 Diethyl phthalate	149		8.816					9
121 4-Chlorophenyl phenyl ether	204		8.928					
123 4-Nitroaniline	138		8.944					9
124 Fluorene	166	8.944	8.944	0.0	84	160689	1.25	
126 4,6-Dinitro-2-methylphenol	198		8.965					
130 N-Nitrosodiphenylamine	169		9.024					
137 4-Bromophenyl phenyl ether	248		9.345					
139 Hexachlorobenzene	284		9.409					
141 Pentachlorophenol	266		9.564					
146 Phenanthrene	178	9.757	9.757	0.0	97	3025962	15.7	
147 Anthracene	178	9.800	9.800	0.0	98	594166	3.11	
149 Carbazole	167	9.928	9.928	0.0	82	374082	2.02	
151 Di-n-butyl phthalate	149		10.185					
157 Fluoranthene	202	10.763	10.762	0.001	97	4150601	19.5	
160 Pyrene	202	10.971	10.971	0.0	98	3311164	13.7	
166 Butyl benzyl phthalate	149		11.549					
173 3,3'-Dichlorobenzidine	252		12.191					
171 Bis(2-ethylhexyl) phthalate	149		12.207					
175 Benzo[a]anthracene	228	12.244	12.244	0.0	99	1474645	6.98	
176 Chrysene	228	12.287	12.287	0.0	93	1452504	7.21	
178 Di-n-octyl phthalate	149		13.100					9
180 Benzo[b]fluoranthene	252	13.726	13.726	0.0	89	1739231	9.68	
181 Benzo[k]fluoranthene	252	13.763	13.763	0.0	1	527559	2.70	M
182 Benzo[a]pyrene	252	14.218	14.212	0.006	77	1110893	6.10	
186 Indeno[1,2,3-cd]pyrene	276	15.929	15.929	0.0	98	452278	2.33	
187 Dibenz(a,h)anthracene	278	15.951	15.956	-0.005	60	121107	0.8620	
188 Benzo[g,h,i]perylene	276	16.363	16.362	0.001	91	386136	2.39	

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

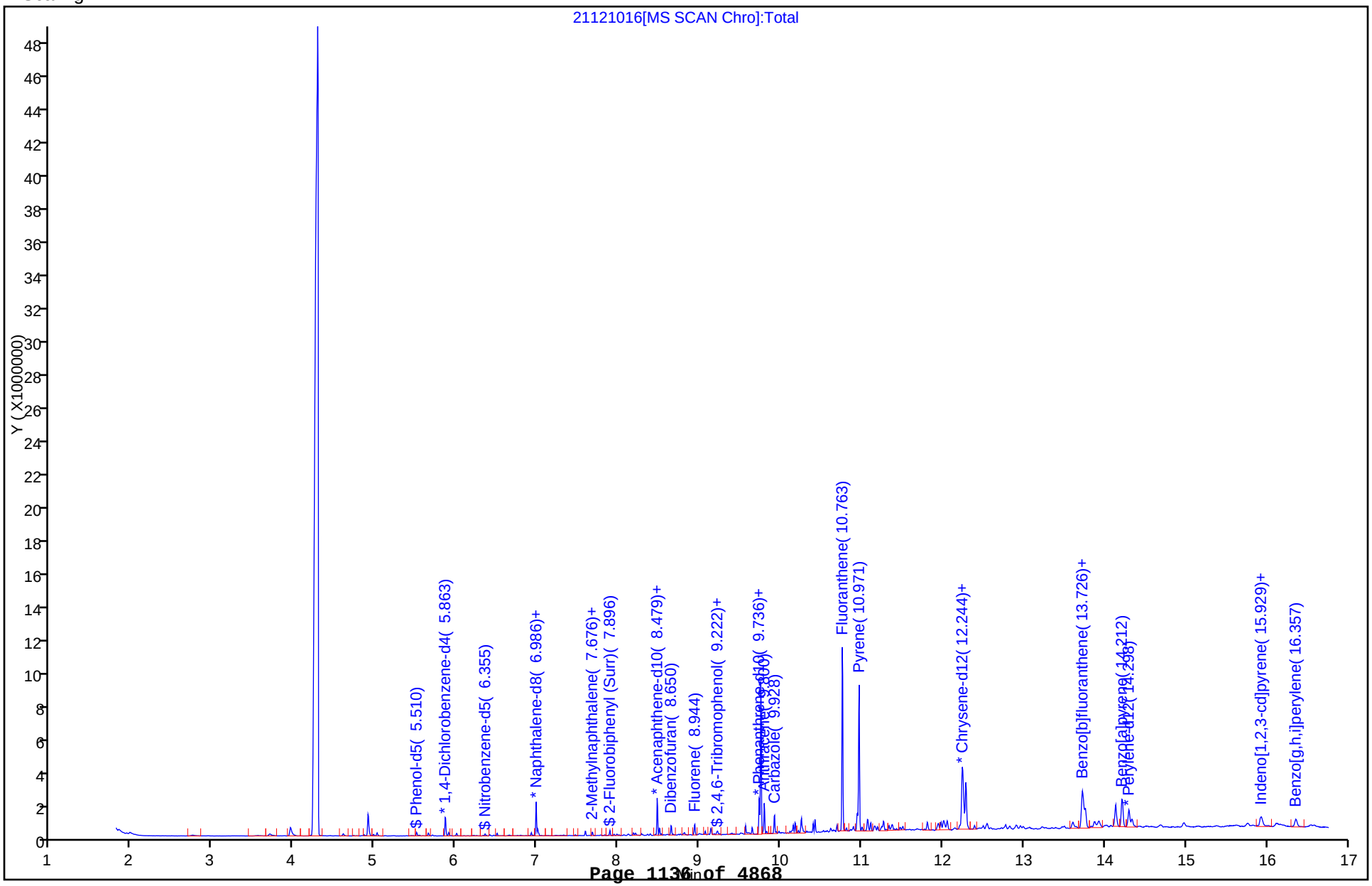
Review Flags
M - Manually Integrated

Report Date: 23-Nov-2012 10:11:10 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121016.D		
Injection Date:	21-Nov-2012 17:09:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0001M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	16
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:

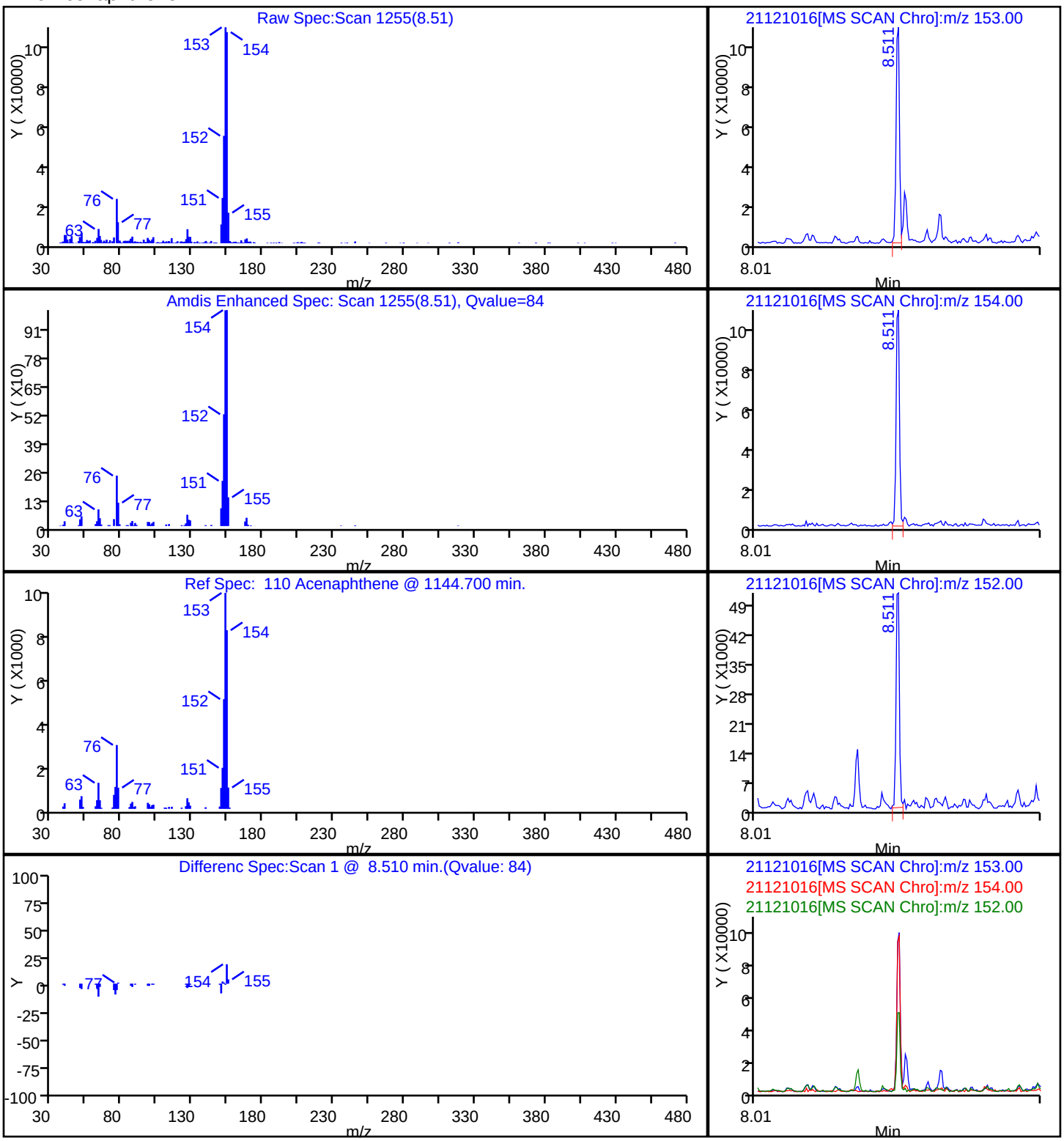


Report Date: 23-Nov-2012 10:11:10 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121016.D		
Injection Date:	21-Nov-2012 17:09:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0001M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	16
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

110 Acenaphthene



Report Date: 23-Nov-2012 10:11:10 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

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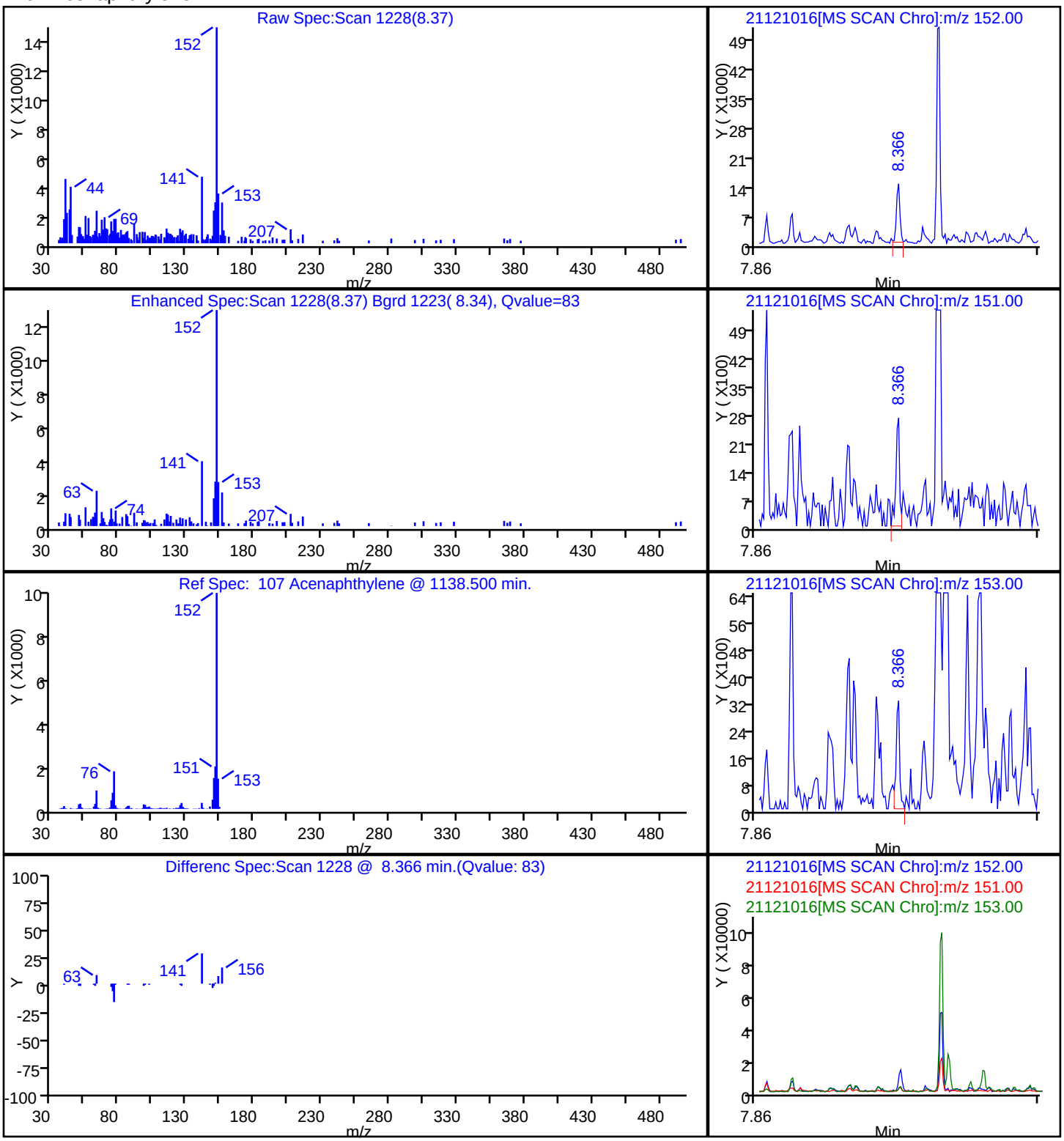
Injection Date:	21-Nov-2012 17:09:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0001M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	16
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

107 Acenaphthylene



Report Date: 23-Nov-2012 10:11:10 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

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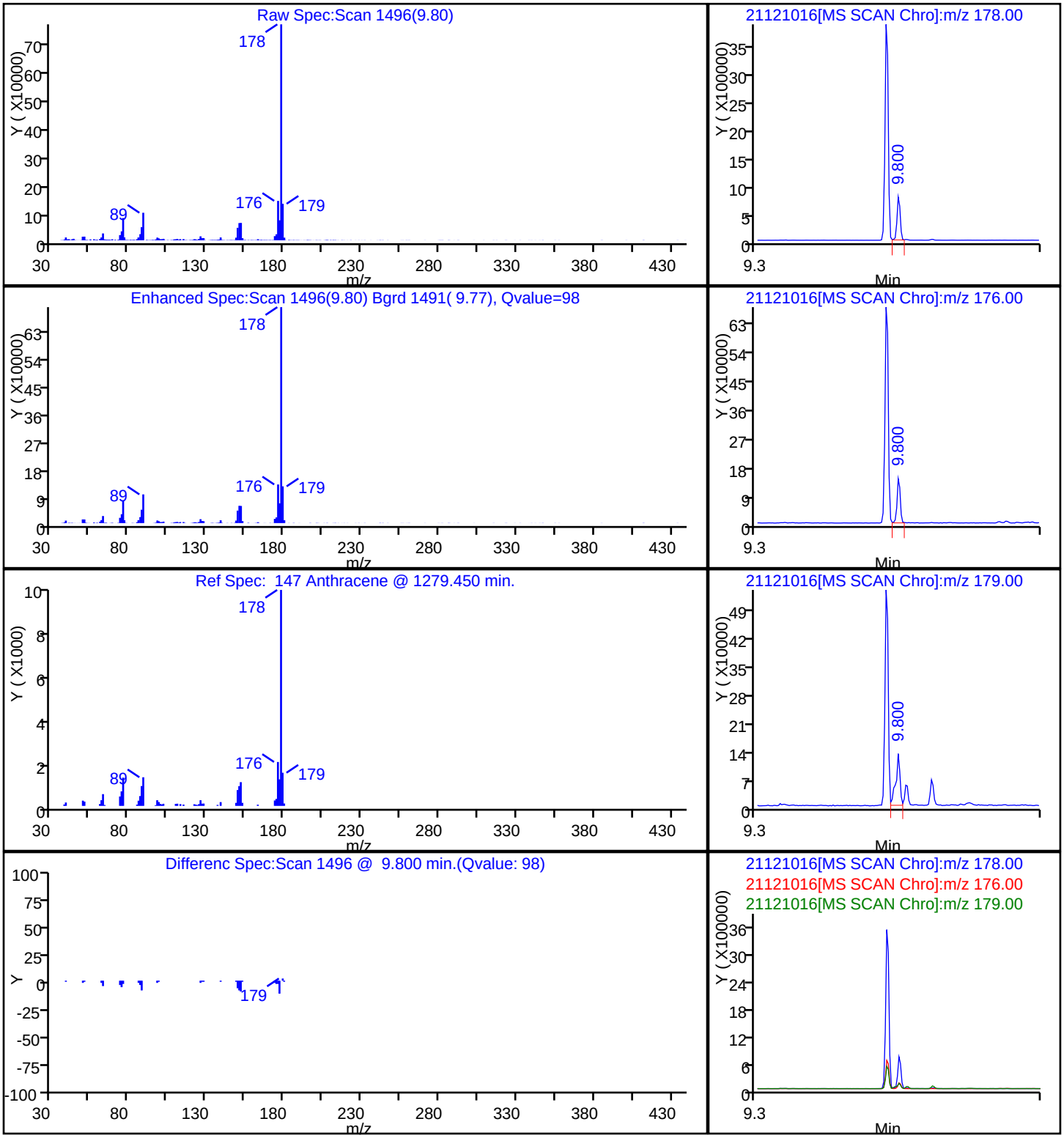
Injection Date:	21-Nov-2012 17:09:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0001M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	16
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

147 Anthracene



Report Date: 23-Nov-2012 10:11:10 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

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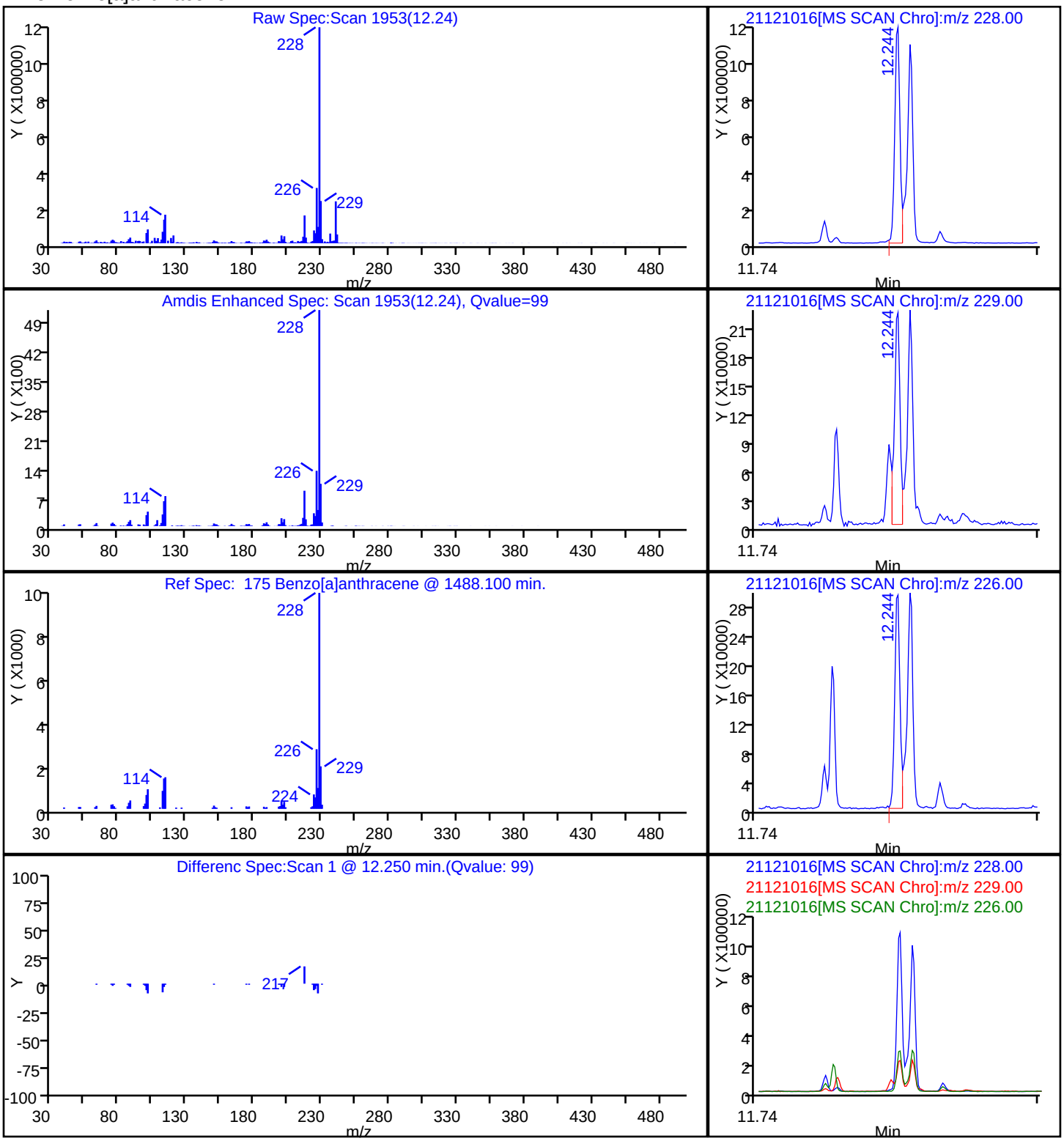
Injection Date:	21-Nov-2012 17:09:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0001M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	16
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

175 Benzo[a]anthracene



Report Date: 23-Nov-2012 10:11:11 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

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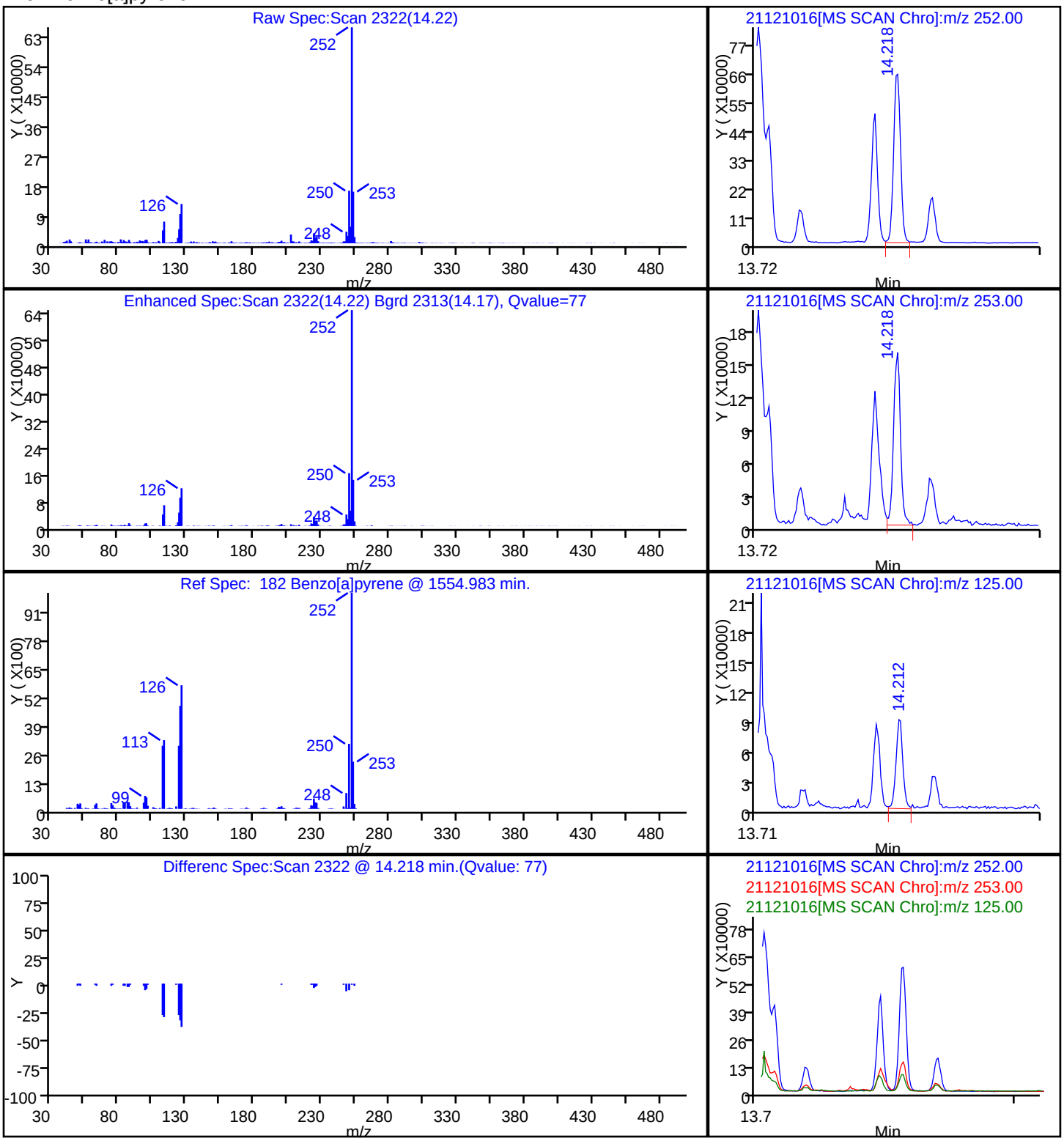
Injection Date:	21-Nov-2012 17:09:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0001M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	16
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

182 Benzo[a]pyrene



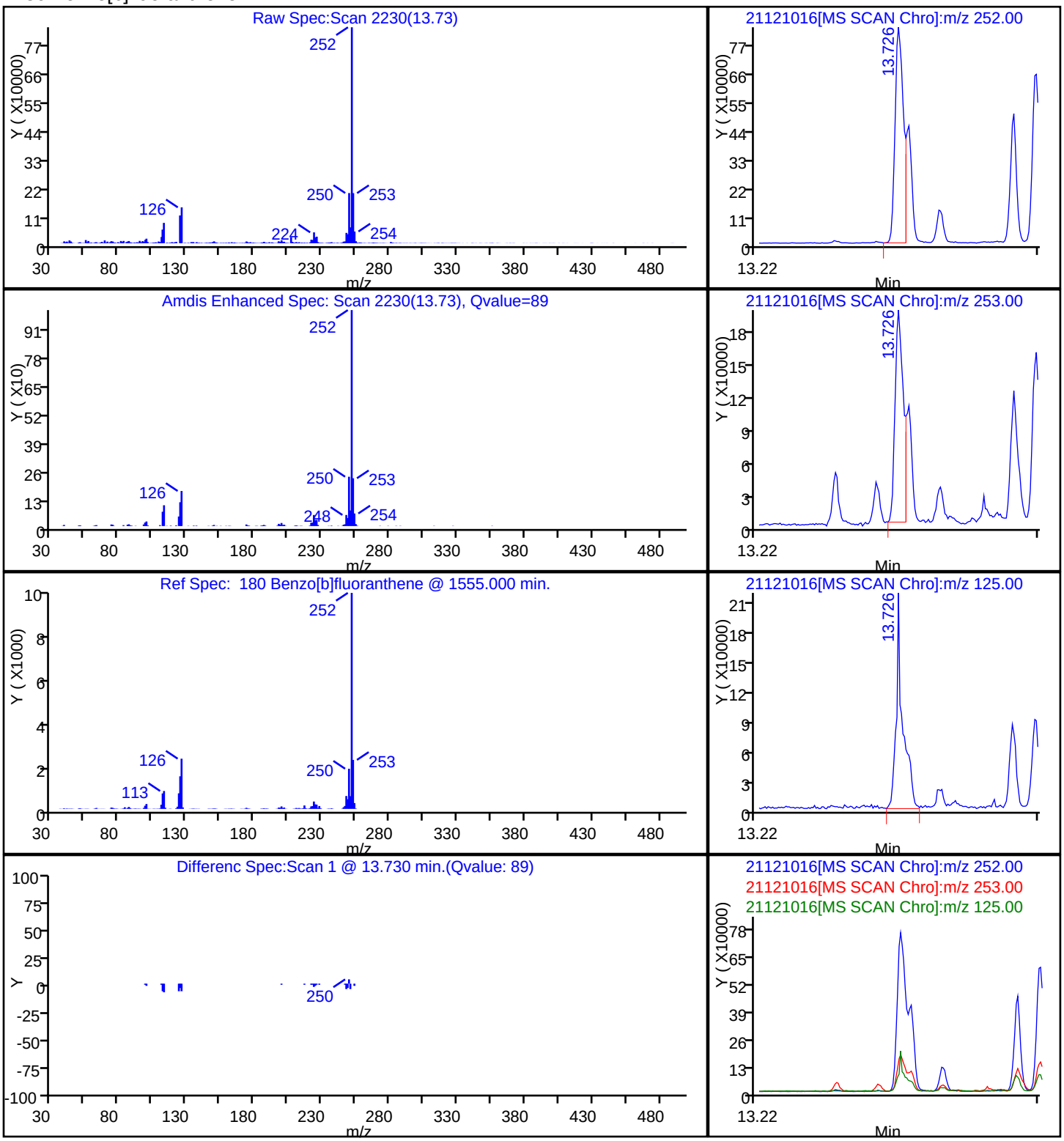
Report Date: 23-Nov-2012 10:11:10 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121016.D

Injection Date:	21-Nov-2012 17:09:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0001M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	16
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

180 Benzo[b]fluoranthene



Report Date: 23-Nov-2012 10:11:11 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

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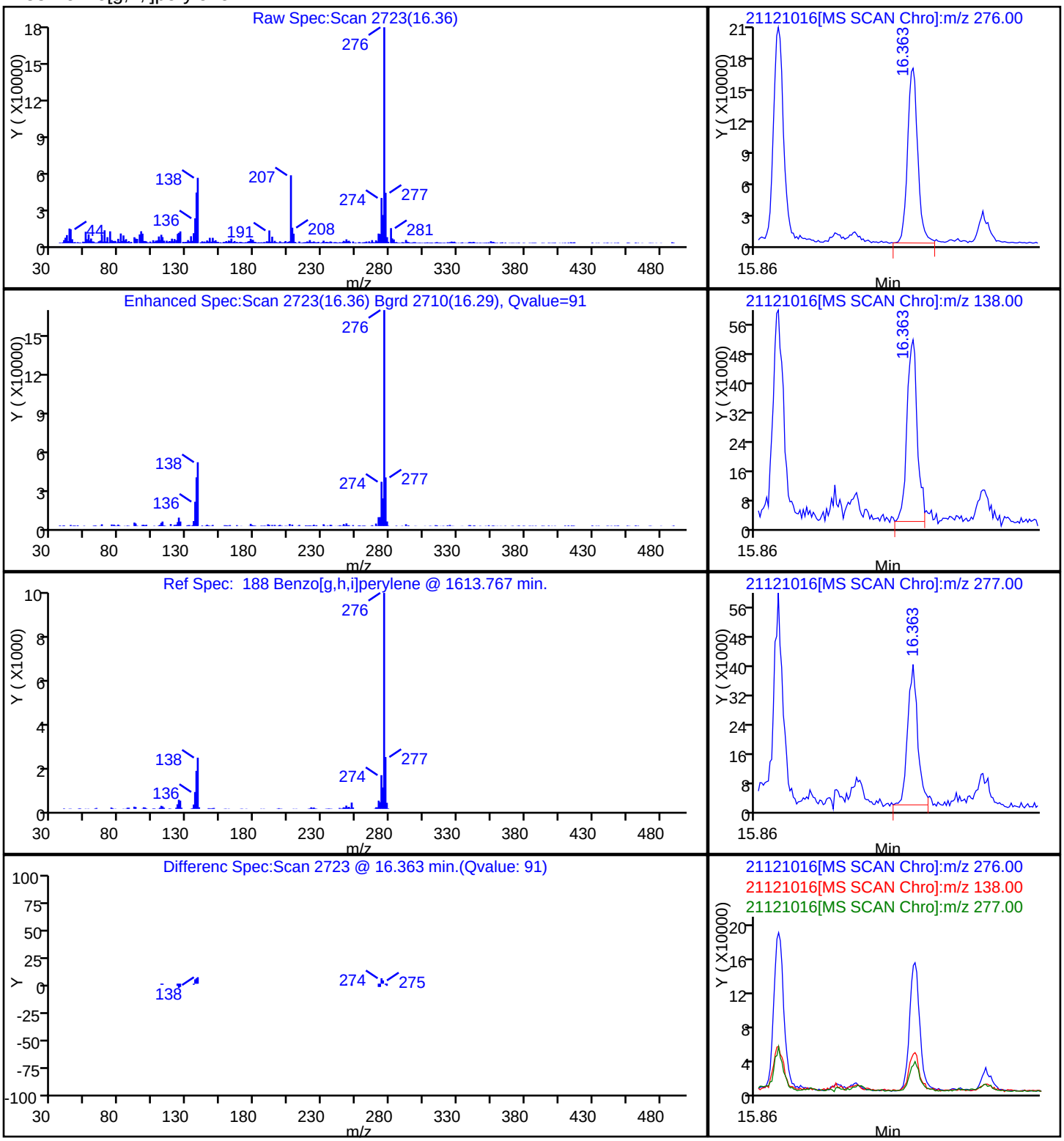
Client ID:	076SS-0001M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	16
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

188 Benzo[g,h,i]perylene



Report Date: 23-Nov-2012 10:11:10 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

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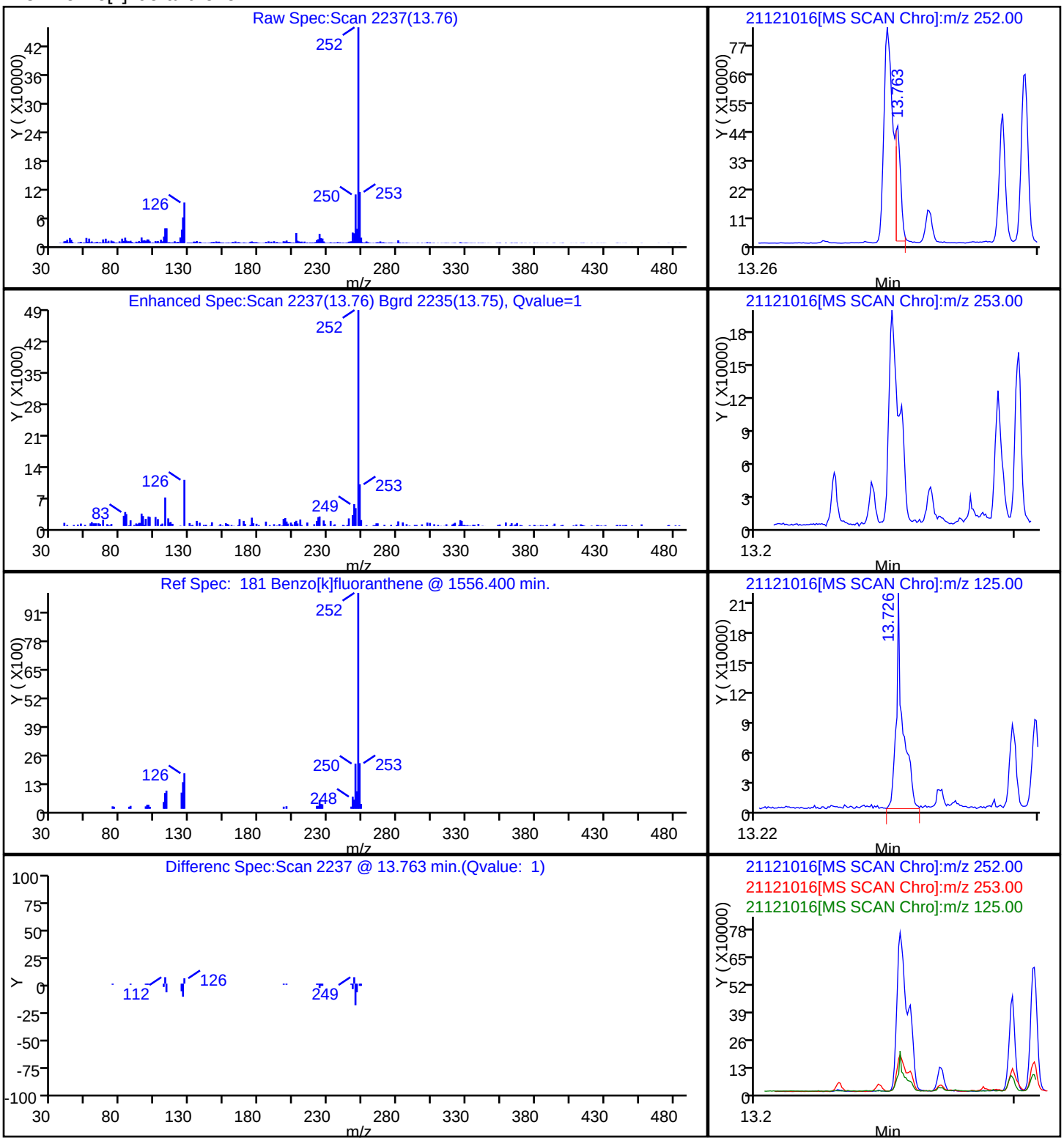
Lims Batch ID:	65876	Lims Sample ID:	16
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

181 Benzo[k]fluoranthene



Report Date: 23-Nov-2012 10:11:10 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

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Operator ID:	001710	Injection Vol:	1.0 ul
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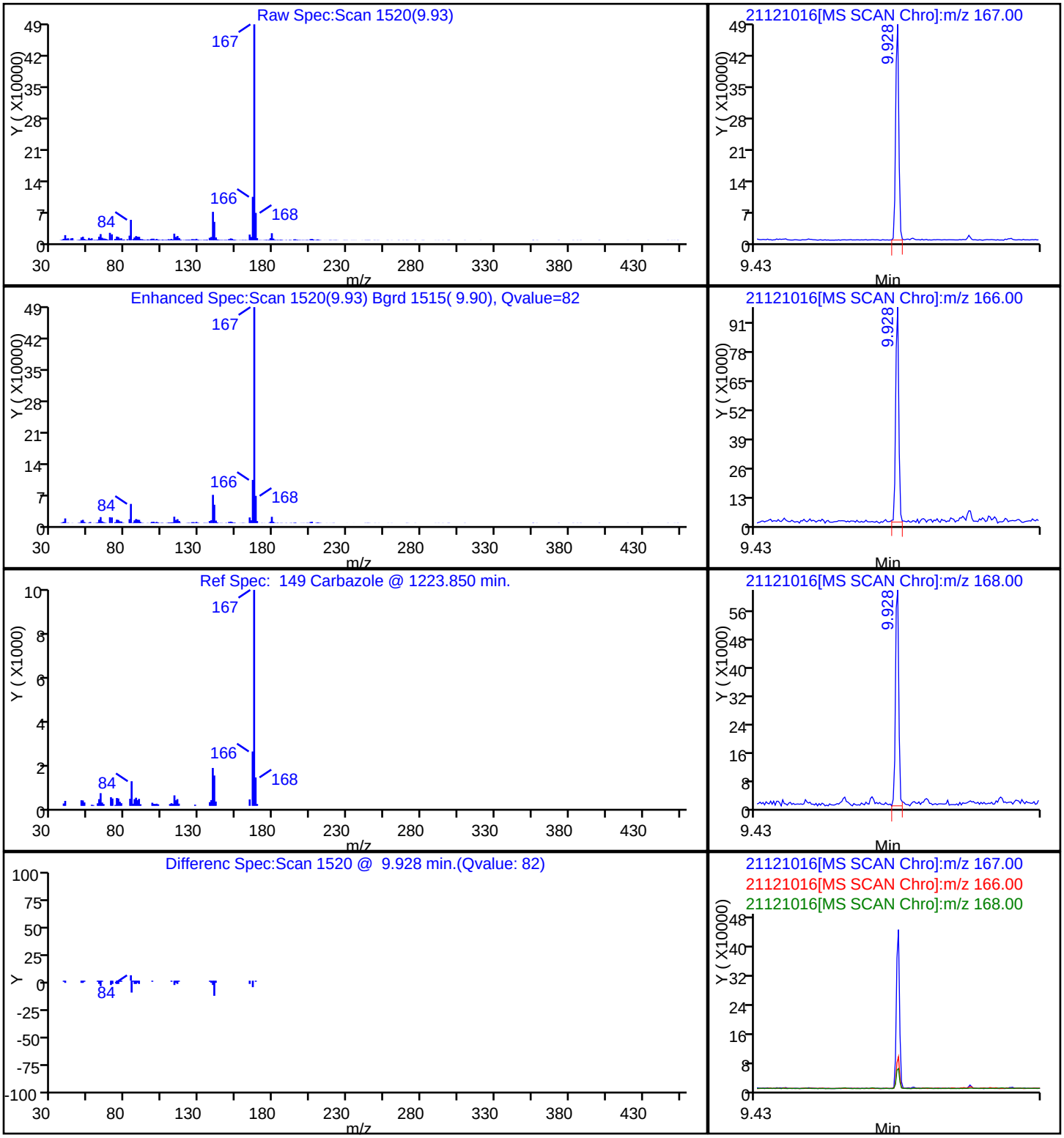
149 Carbazole



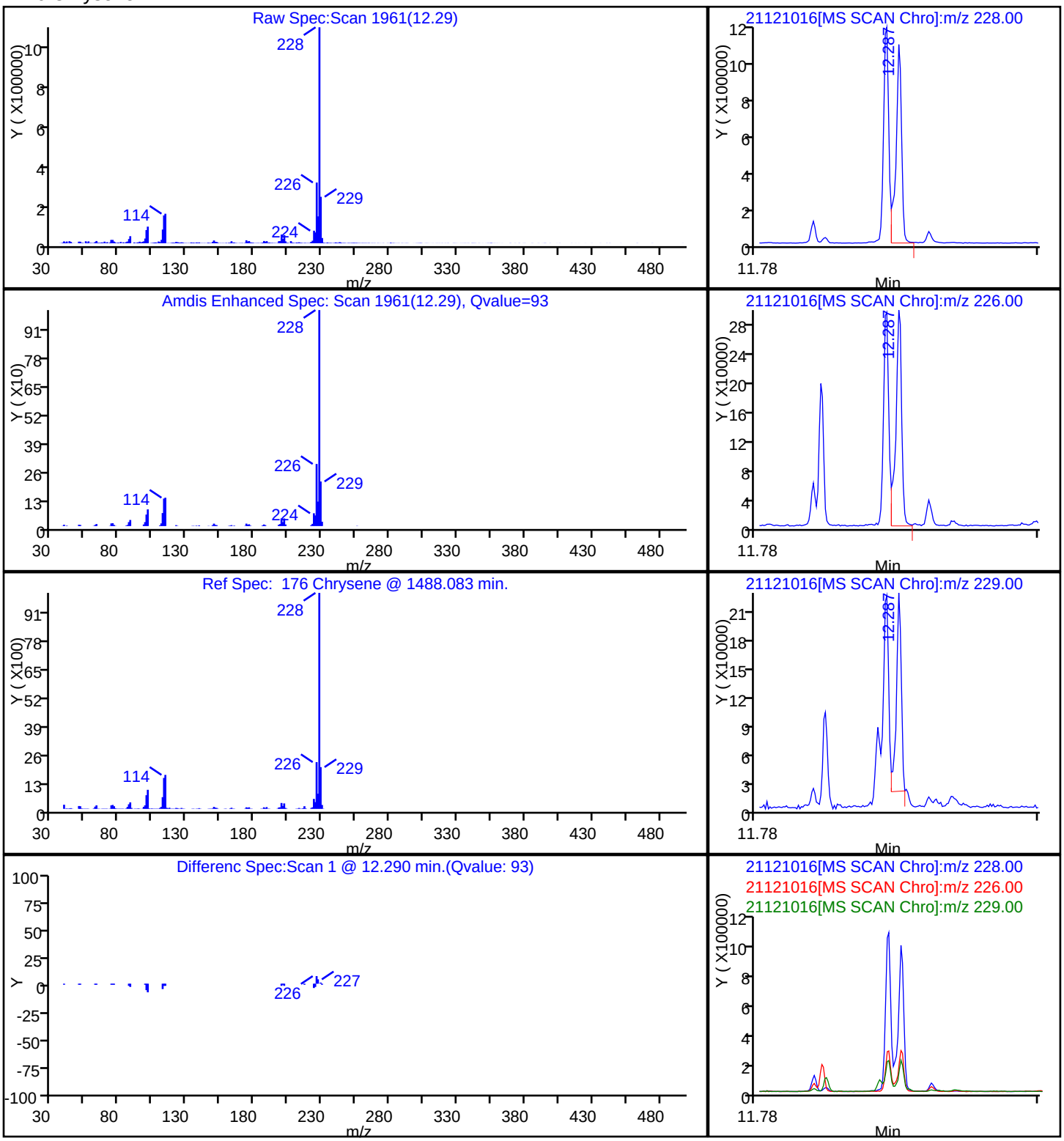
Report Date: 23-Nov-2012 10:11:10 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121016.D

Injection Date:	21-Nov-2012 17:09:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0001M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	16
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

176 Chrysene



Report Date: 23-Nov-2012 10:11:11 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

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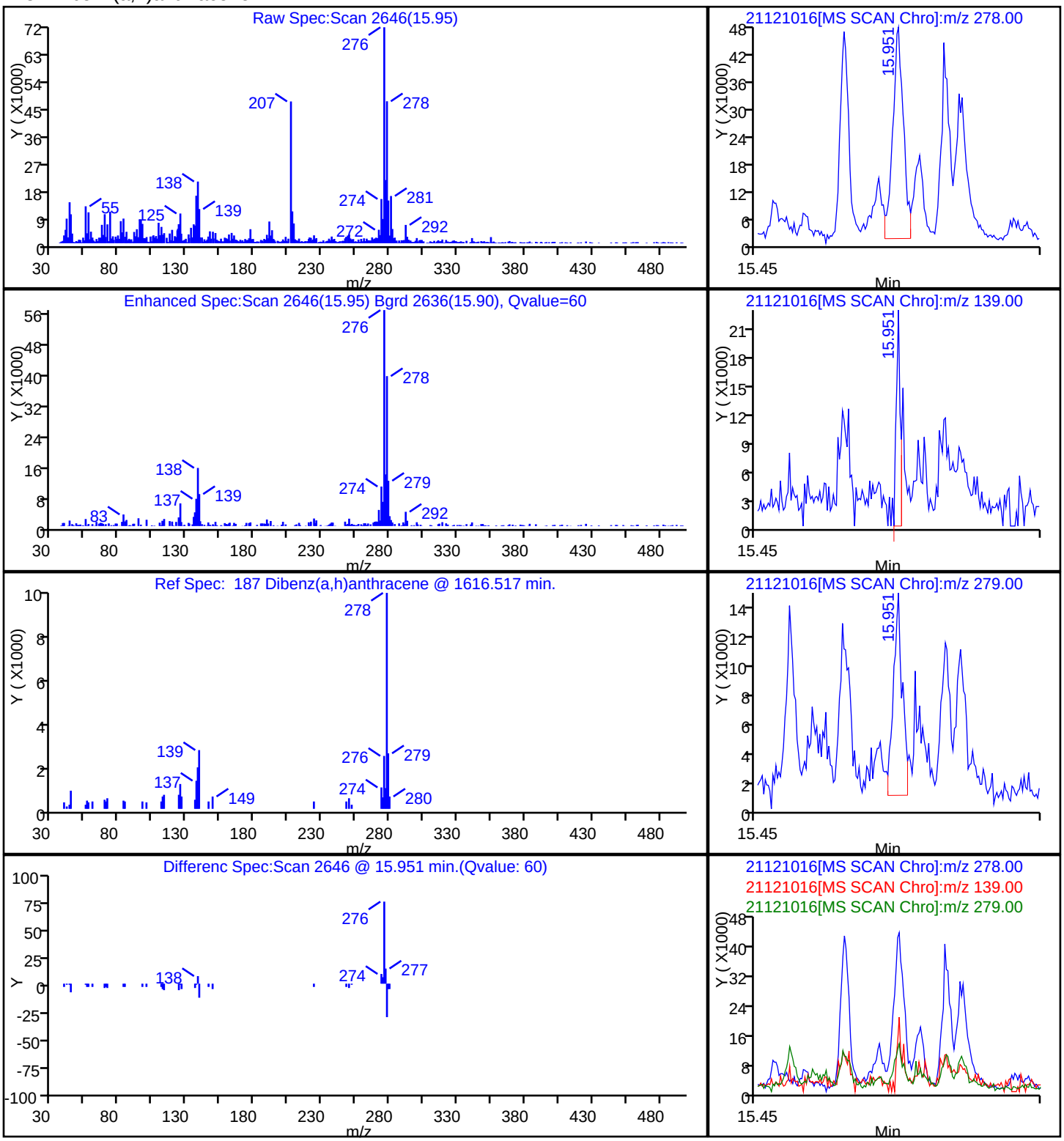
Lims Batch ID:	65876	Lims Sample ID:	16
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

187 Dibenz(a,h)anthracene



Report Date: 23-Nov-2012 10:11:10 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121016.D		
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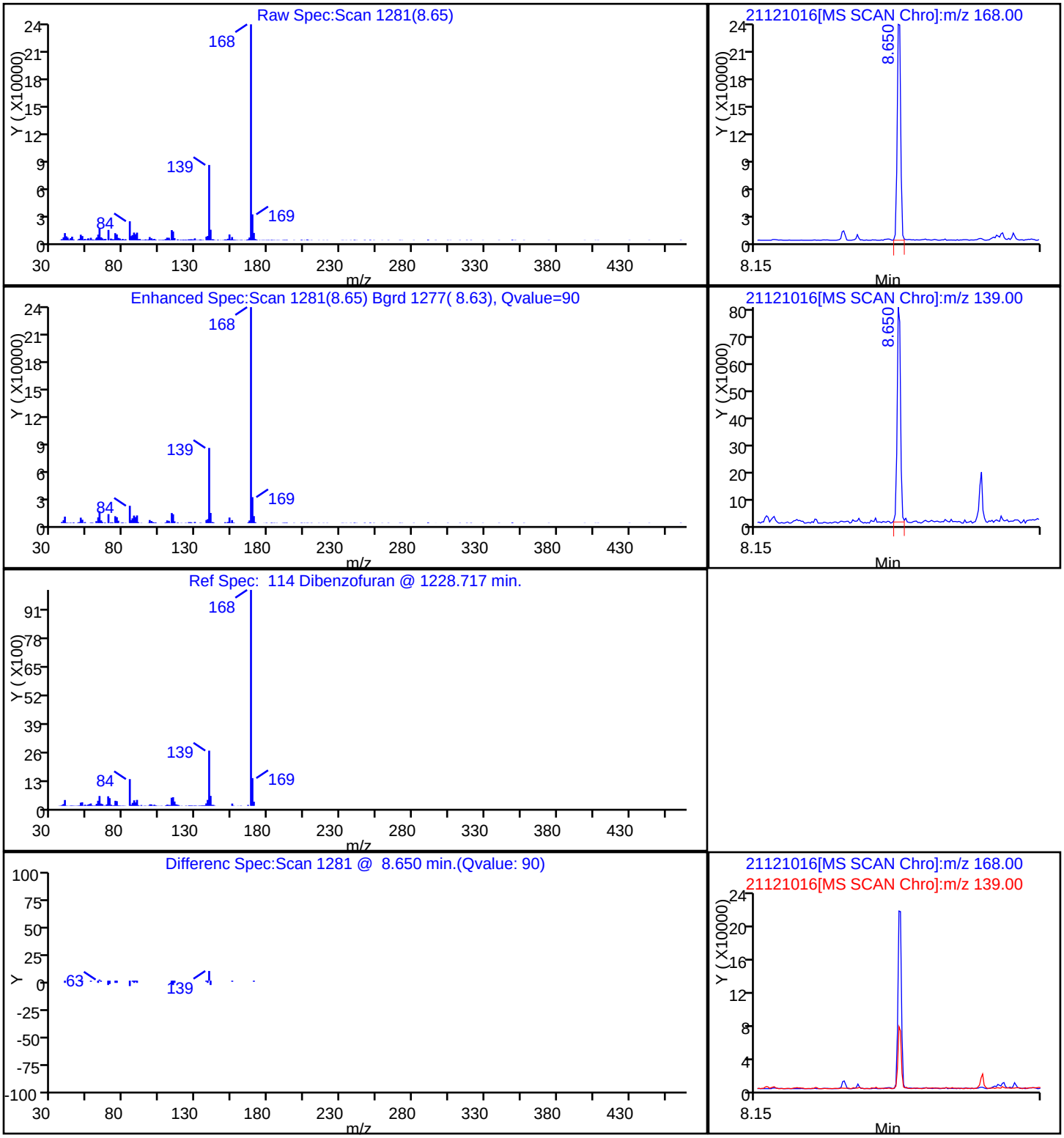
Client ID:	076SS-0001M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	16
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

114 Dibenzofuran



Report Date: 23-Nov-2012 10:11:10 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

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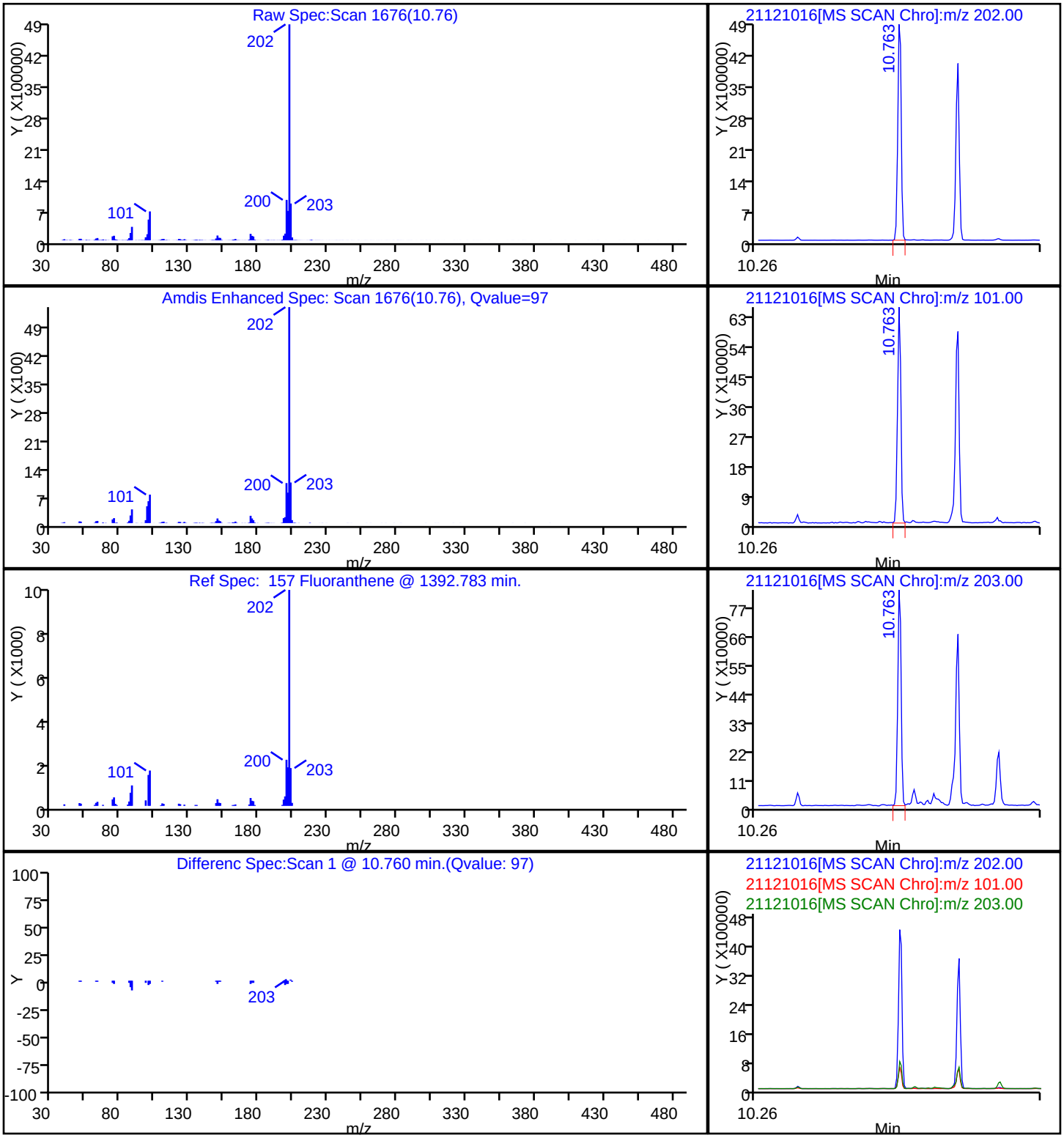
Client ID:	076SS-0001M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	16
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

157 Fluoranthene



Report Date: 23-Nov-2012 10:11:10 Chrom Revision: 2.0 15-Nov-2012 14:43:54

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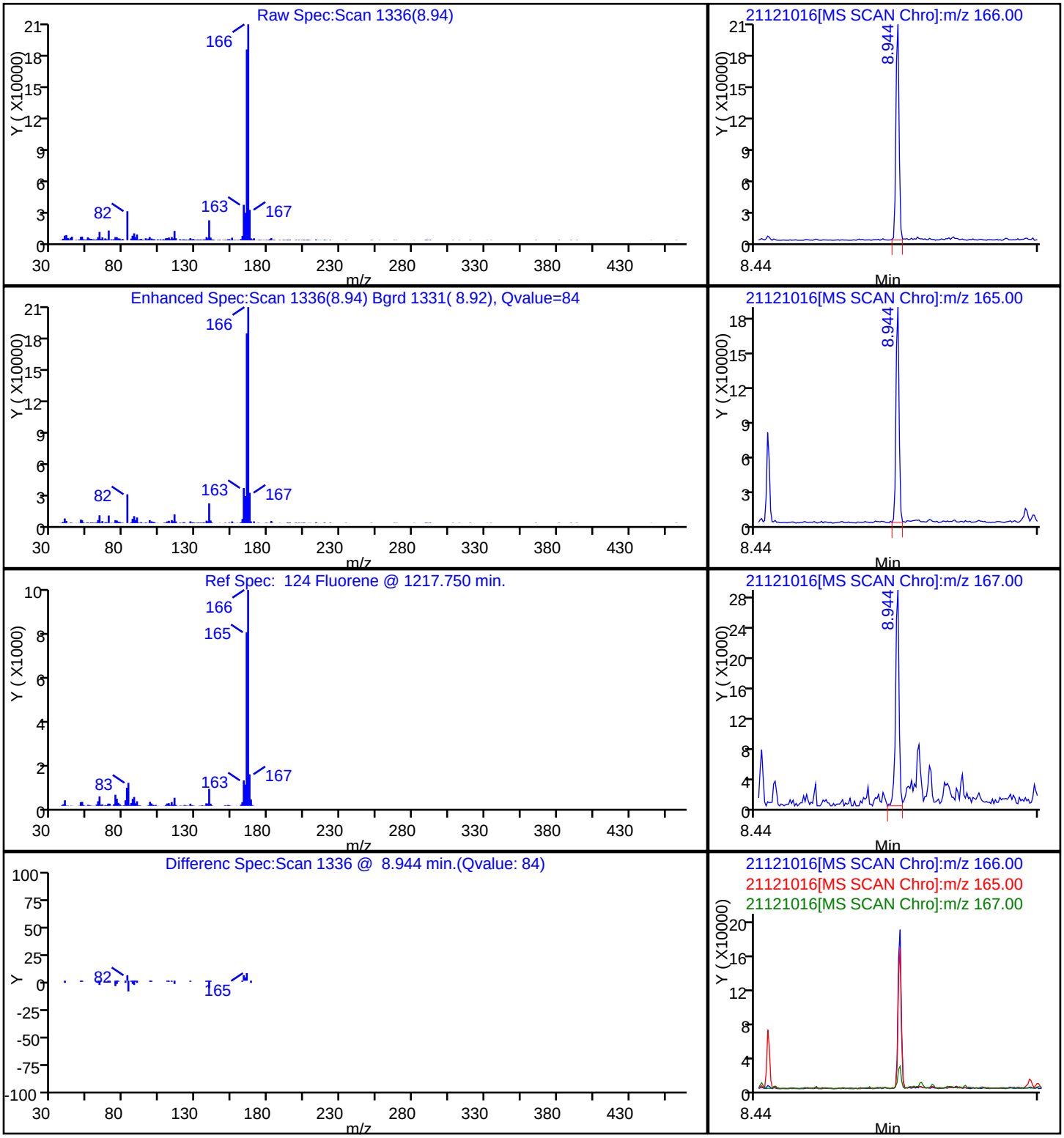
Client ID:	076SS-0001M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	16
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

124 Fluorene



Report Date: 23-Nov-2012 10:11:11 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

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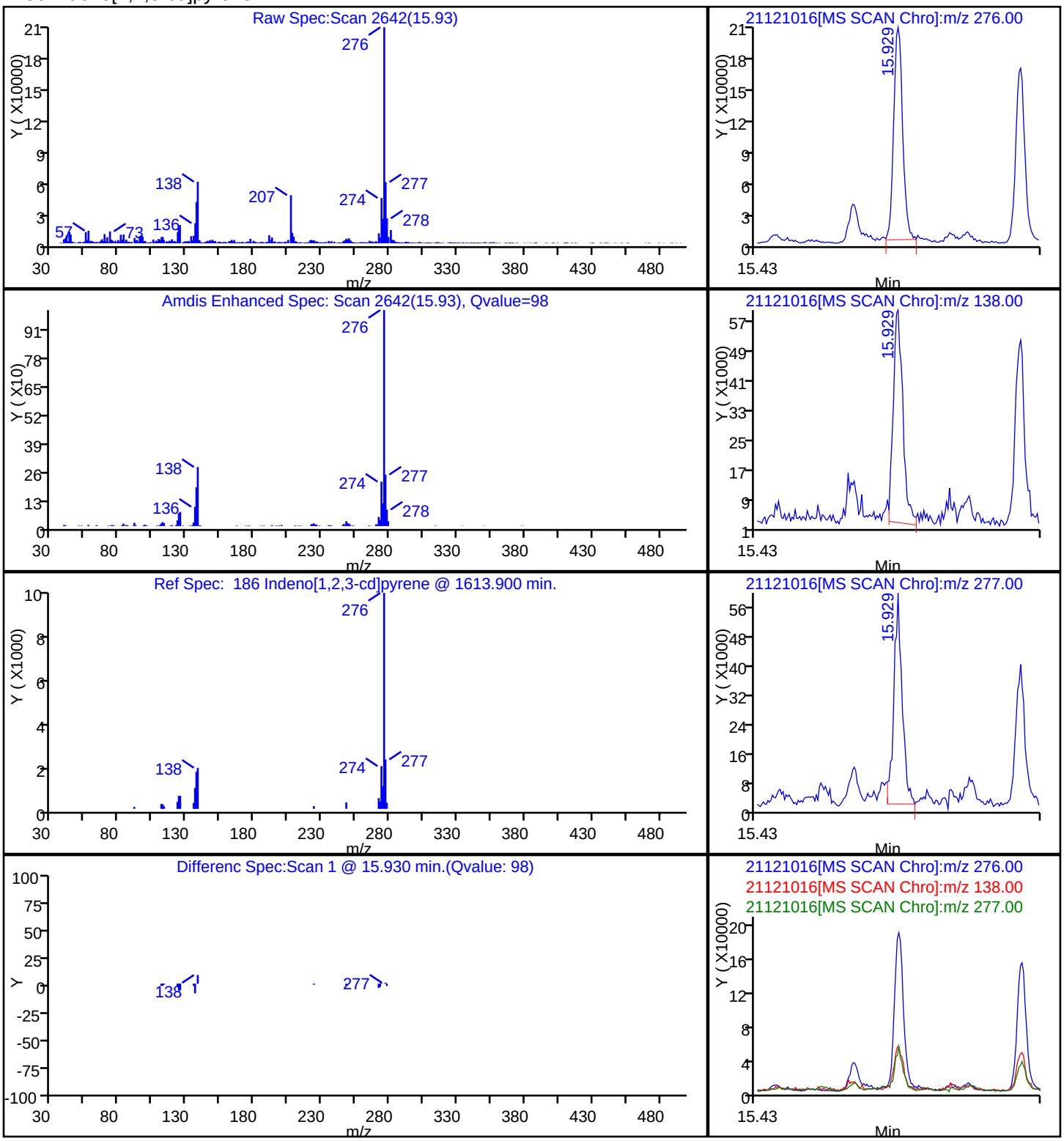
Injection Date:	21-Nov-2012 17:09:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0001M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	16
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

186 Indeno[1,2,3-cd]pyrene



Report Date: 23-Nov-2012 10:11:10 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

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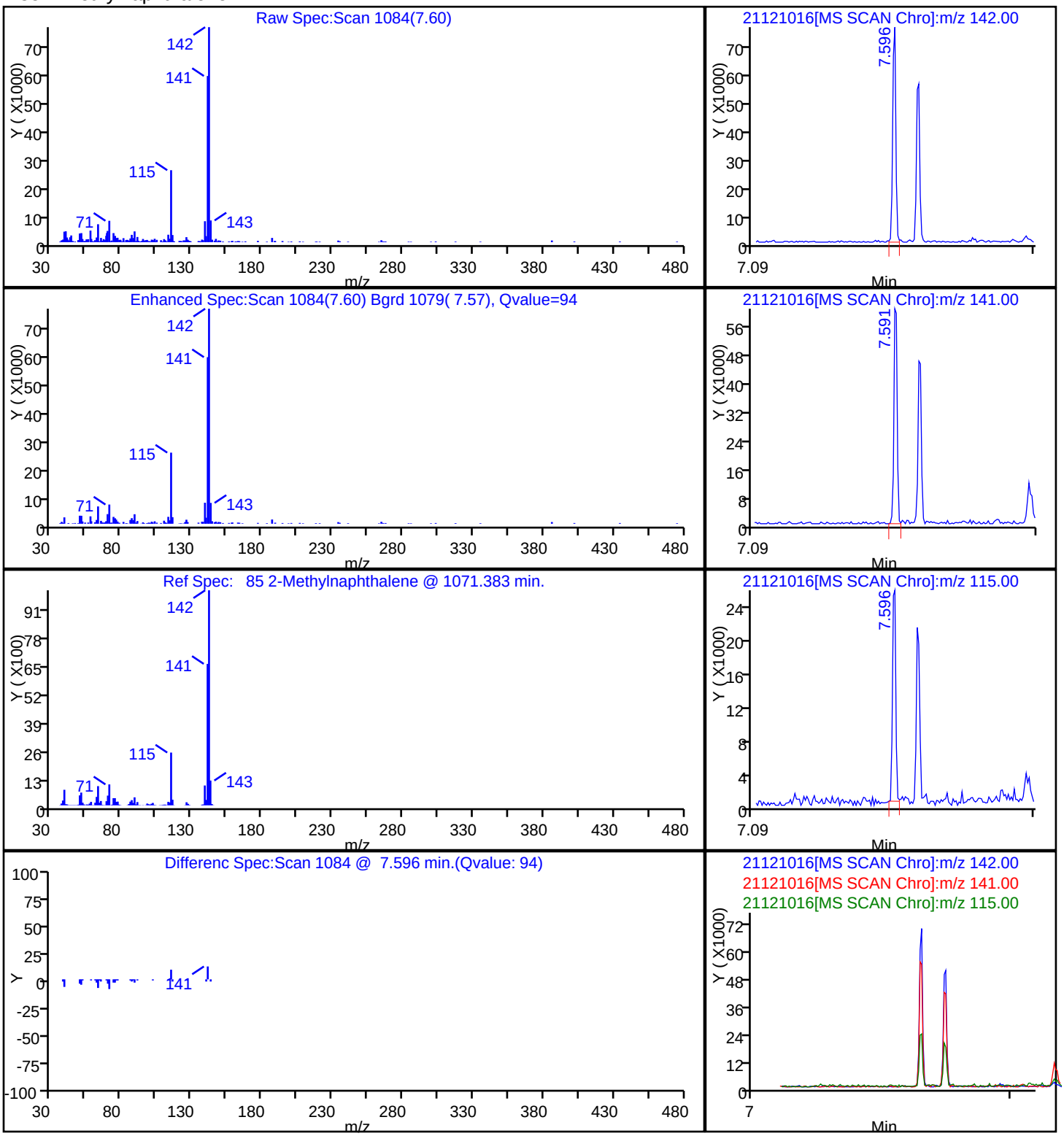
Lims Batch ID:	65876	Lims Sample ID:	16
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

85 2-Methylnaphthalene



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TestAmerica Canton

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Client ID:	076SS-0001M-0001-SO	Instrument ID:	A4HP7
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Operator ID:	001710	Injection Vol:	1.0 ul
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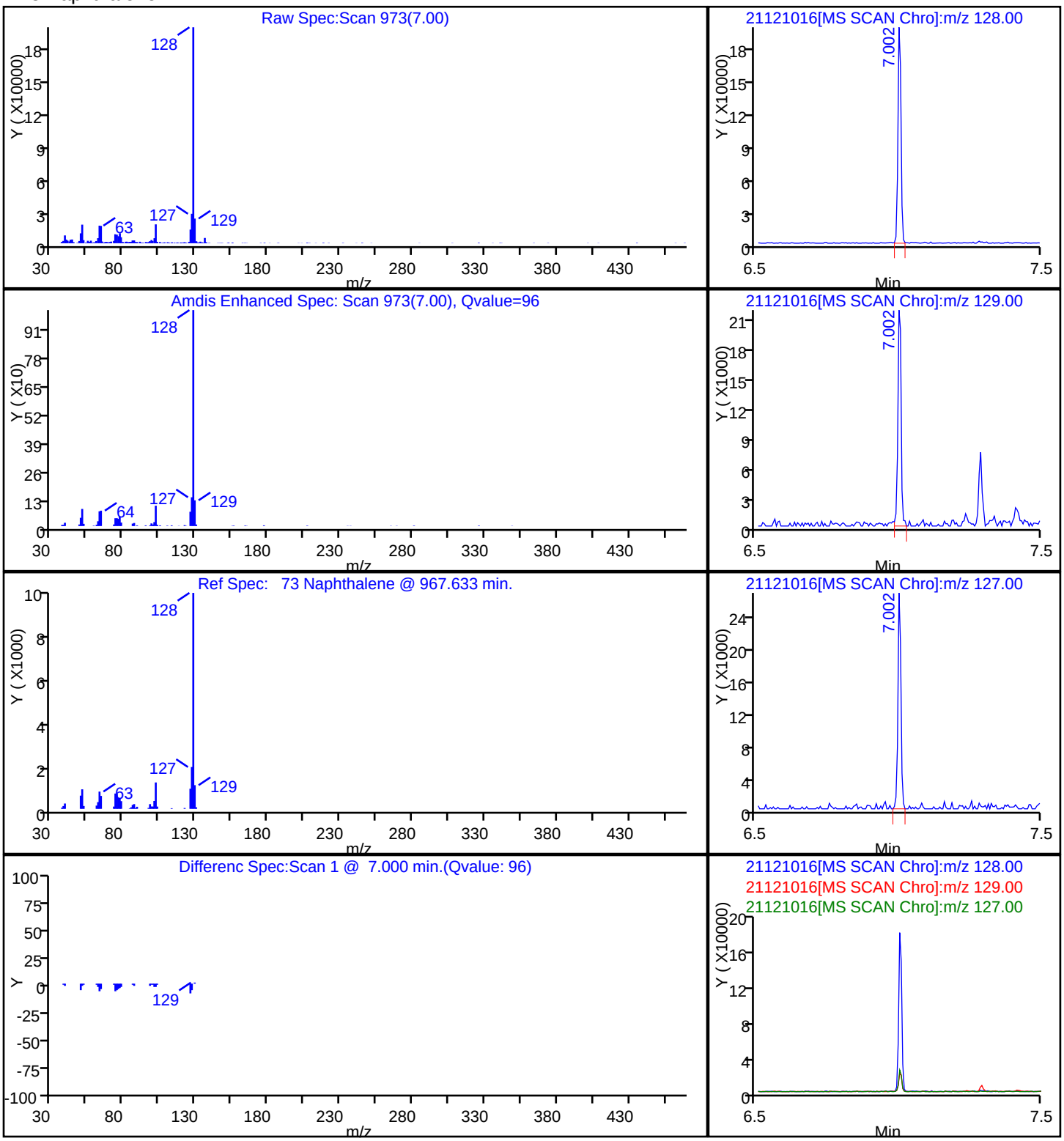
73 Naphthalene



Report Date: 23-Nov-2012 10:11:10 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

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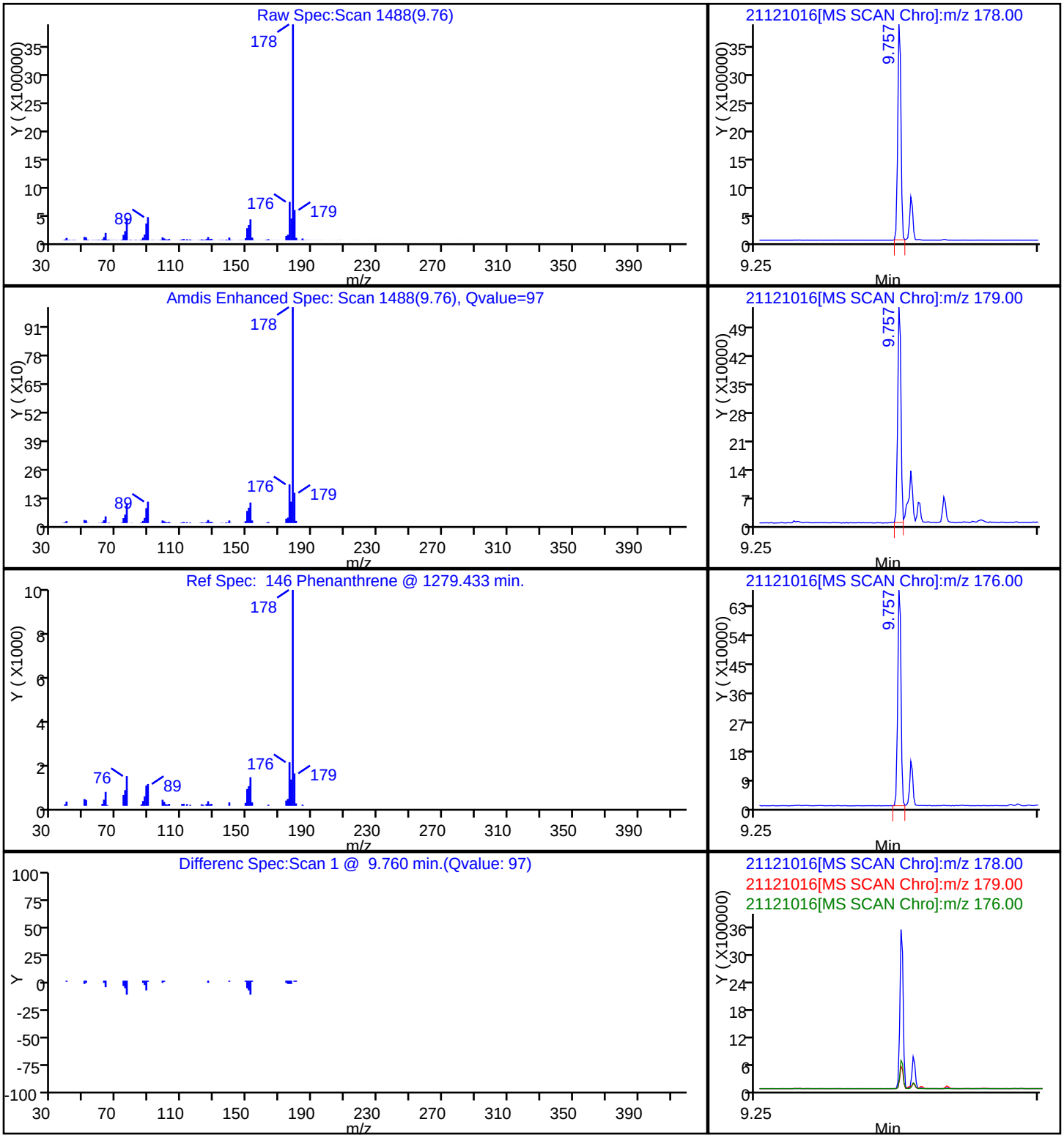
Client ID:	076SS-0001M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	16
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

146 Phenanthrene



Report Date: 23-Nov-2012 10:11:10 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

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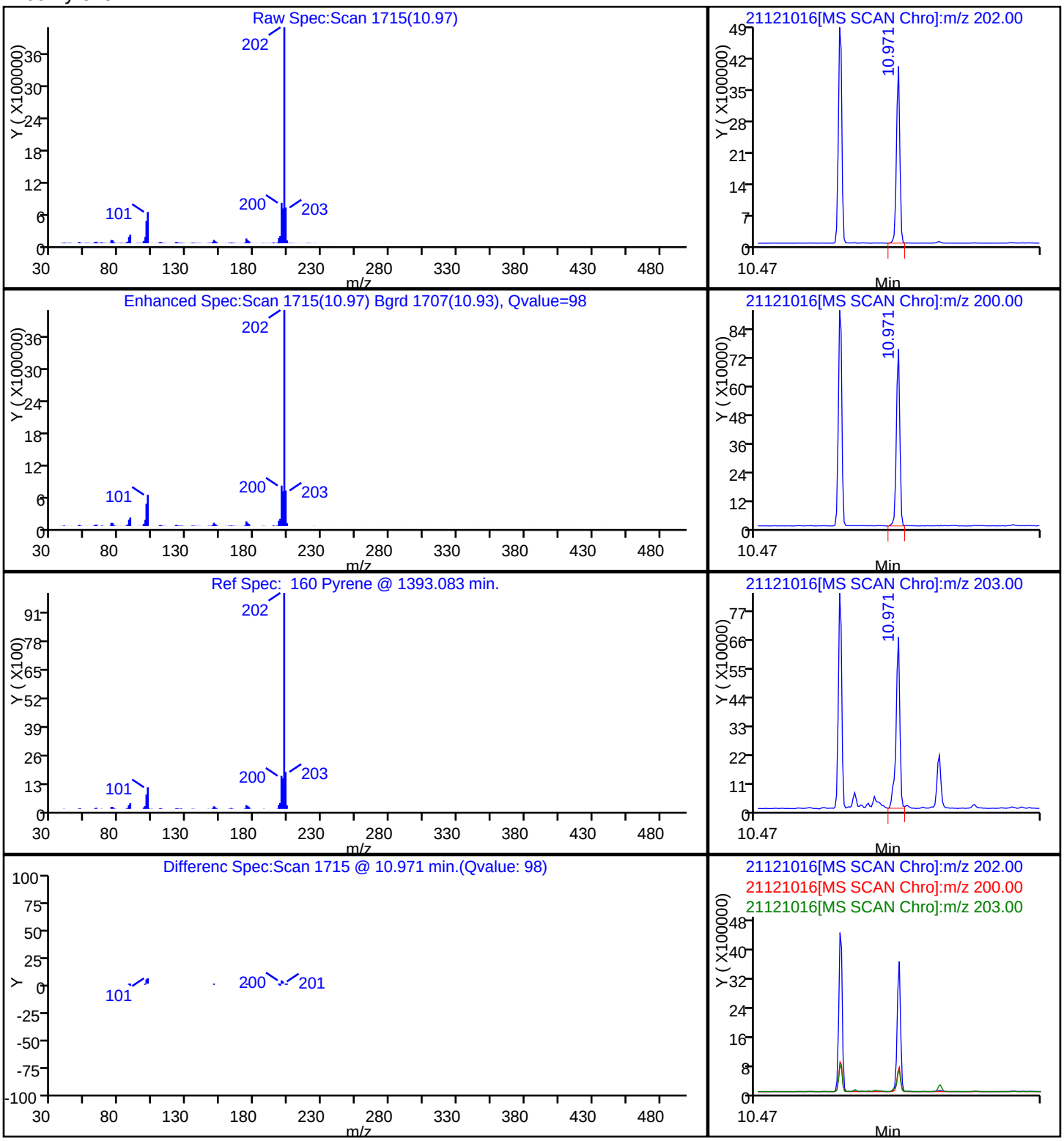
Injection Date:	21-Nov-2012 17:09:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0001M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	16
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

160 Pyrene



Manual Integration/User Assign Peak Report

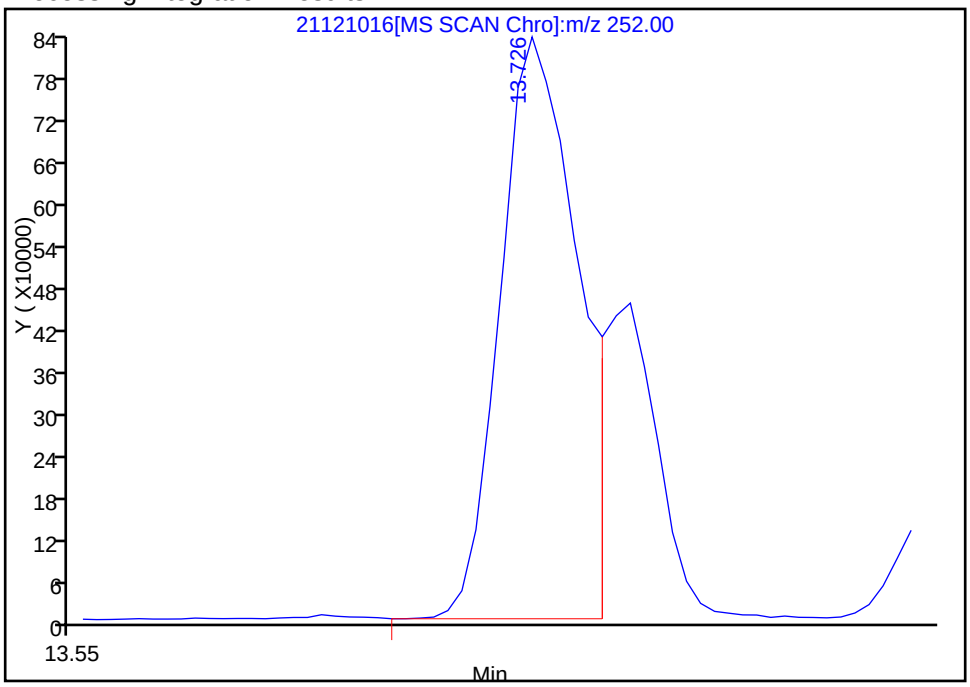
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121016.D		
Injection Date:	21-Nov-2012 17:09:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0001M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	16
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

181 Benzo[k]fluoranthene, Signal: 1, m/z: 252.0 Type: quant, RT: 13.76

Processing Integration Results

RT: 13.73
Response: 1739231
Amount: 8.909070



Manual Integration Results

RT: 13.76
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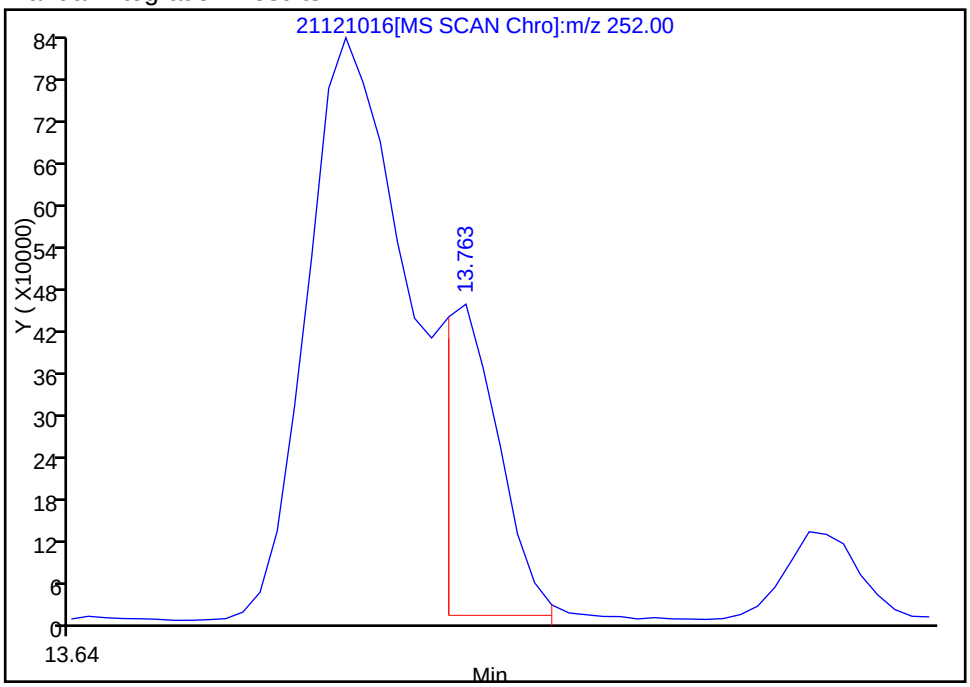
Amount: 2.702378



Reviewer: gruberj, 23-Nov-2012 09:58:23
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: 076SS-0005M-0001-SO | Lab Sample ID: 240-17317-3

Matrix: Solid | Lab File ID: 21121015.D

Analysis Method: 8270C/DoD | Date Collected: 11/06/2012 18:30

Extract. Method: 3540C | Date Extracted: 11/16/2012 11:46

Sample wt/vol: 30.00(g) | Date Analyzed: 11/21/2012 16:46

Con. Extract Vol.: 2(mL) | Dilution Factor: 2.5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 65876 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	86		17	8.3	8.3
208-96-8	Acenaphthylene	28		17	8.3	8.3
120-12-7	Anthracene	280		17	8.3	8.3
56-55-3	Benzo[a]anthracene	540		17	8.3	8.3
50-32-8	Benzo[a]pyrene	510		17	8.3	8.3
205-99-2	Benzo[b]fluoranthene	790		17	8.3	8.3
191-24-2	Benzo[g,h,i]perylene	200		17	8.3	8.3
65-85-0	Benzoic acid	830	U	1700	830	830
207-08-9	Benzo[k]fluoranthene	300	M	17	8.3	8.3
100-51-6	Benzyl alcohol	68	U	830	68	53
111-91-1	Bis(2-chloroethoxy)methane	68	U	250	68	55
111-44-4	Bis(2-chloroethyl)ether	8.3	U	250	8.3	5.0
108-60-1	bis (2-chloroisopropyl) ether	68	U	250	68	24
117-81-7	Bis(2-ethylhexyl) phthalate	68	U	130	68	48
101-55-3	4-Bromophenyl phenyl ether	68	U	130	68	33
85-68-7	Butyl benzyl phthalate	68	U	130	68	25
86-74-8	Carbazole	170		130	68	68
106-47-8	4-Chloroaniline	68	U	380	68	43
59-50-7	4-Chloro-3-methylphenol	68	U	380	68	53
91-58-7	2-Chloronaphthalene	8.3	U	130	8.3	8.3
95-57-8	2-Chlorophenol	68	U	130	68	68
7005-72-3	4-Chlorophenyl phenyl ether	68	U	130	68	33
218-01-9	Chrysene	570		17	8.3	2.8
53-70-3	Dibenz(a,h)anthracene	81	M	17	8.3	8.3
132-64-9	Dibenzofuran	130		130	8.3	8.3
106-46-7	1,4-Dichlorobenzene	68	U	130	68	50
95-50-1	1,2-Dichlorobenzene	68	U	130	68	24
541-73-1	1,3-Dichlorobenzene	68	U	130	68	28
91-94-1	3,3'-Dichlorobenzidine	200	U	250	200	45
120-83-2	2,4-Dichlorophenol	68	U	380	68	50
84-66-2	Diethyl phthalate	68	U	130	68	40
105-67-9	2,4-Dimethylphenol	200	U	380	200	50
131-11-3	Dimethyl phthalate	68	U	130	68	43
84-74-2	Di-n-butyl phthalate	68	U	130	68	38

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534-52-1	4,6-Dinitro-2-methylphenol	200	U	380	200	200
51-28-5	2,4-Dinitrophenol	200	U	830	200	200
121-14-2	2,4-Dinitrotoluene	68	U	500	68	68
606-20-2	2,6-Dinitrotoluene	68	U	500	68	53
117-84-0	Di-n-octyl phthalate	68	U	130	68	68
206-44-0	Fluoranthene	1400		17	8.3	8.3
86-73-7	Fluorene	130		17	8.3	8.3
118-74-1	Hexachlorobenzene	8.3	U	17	8.3	5.3
87-68-3	Hexachlorobutadiene	68	U	130	68	68
77-47-4	Hexachlorocyclopentadiene	68	U	830	68	68
67-72-1	Hexachloroethane	68	U	130	68	23
193-39-5	Indeno[1,2,3-cd]pyrene	210		17	8.3	8.3
78-59-1	Isophorone	68	U	130	68	33
91-57-6	2-Methylnaphthalene	140		17	8.3	8.3
95-48-7	2-Methylphenol	200	U	500	200	200
15831-10-4	3 & 4 Methylphenol	200	U	1000	200	50
91-20-3	Naphthalene	160		17	8.3	8.3
88-74-4	2-Nitroaniline	68	U	500	68	23
99-09-2	3-Nitroaniline	200	U	500	200	40
100-01-6	4-Nitroaniline	68	U	500	68	65
98-95-3	Nitrobenzene	8.3	U	250	8.3	5.5
88-75-5	2-Nitrophenol	68	U	130	68	68
100-02-7	4-Nitrophenol	200	U	830	200	200
621-64-7	N-Nitrosodi-n-propylamine	68	U	130	68	68
86-30-6	N-Nitrosodiphenylamine	68	U	130	68	53
87-86-5	Pentachlorophenol	200	U	380	200	200
85-01-8	Phenanthrene	1200		17	8.3	8.3
108-95-2	Phenol	68	U	130	68	68
129-00-0	Pyrene	940		17	8.3	8.3
120-82-1	1,2,4-Trichlorobenzene	68	U	130	68	68
95-95-4	2,4,5-Trichlorophenol	68	U	380	68	63
88-06-2	2,4,6-Trichlorophenol	200	U	380	200	200

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% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 65876 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	61		45-105
367-12-4	2-Fluorophenol (Surr)	57		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	53		35-100
1718-51-0	Terphenyl-d14 (Surr)	69		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	70		35-125
4165-62-2	Phenol-d5 (Surr)	59		40-100

Report Date: 23-Nov-2012 10:11:11 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121015.D
Lims ID: 240-17317-A-3-E Client ID: 076SS-0005M-0001-SO
Inject. Date: 21-Nov-2012 16:46:30 Dil. Factor: 2.5000
Sample Type: Client
Sample ID: 240-0015157-015
Misc. Info.: 240-17317-a-3-e
Operator: 001710 Instrument ID: A4HP7
Injection Vol: 1.0 ul ALS Bottle#: 15
Lims Batch ID: 65876 Lims Sample ID: 15
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\8270_hp7.m
Last Update: 23-Nov-2012 10:11:01 Calib Date: 14-Nov-2012 18:19:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP7\20121114-14953.b\21114010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: 5% phenyl Column Dia: 0.18 mm
Process Host: XAWRK037

First Level Reviewer: gruberj Date: 23-Nov-2012 09:56:59

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.863	5.863	0.0	96	175171	4.00	
* 2 Naphthalene-d8	136	6.986	6.986	0.0	99	671355	4.00	
* 3 Acenaphthene-d10	164	8.484	8.479	0.005	86	384746	4.00	
* 4 Phenanthrene-d10	188	9.736	9.736	0.0	97	678475	4.00	
* 5 Chrysene-d12	240	12.255	12.255	0.0	98	738149	4.00	
* 6 Perylene-d12	264	14.298	14.298	0.0	92	541309	4.00	
$ 7 2-Fluorophenol	112	4.612	4.595	0.017	90	185331	3.42	
$ 8 Phenol-d5	99	5.515	5.510	0.005	90	243726	3.55	
$ 9 Nitrobenzene-d5	82	6.355	6.355	0.0	86	125321	2.12	
$ 10 2-Fluorobiphenyl (Surr)	172	7.896	7.896	0.0	99	304961	2.44	
$ 11 2,4,6-Tribromophenol	330	9.142	9.147	-0.005	89	66856	4.20	
$ 12 Terphenyl-d14	244	11.083	11.083	0.0	98	379476	2.78	
41 Phenol	94		5.521					24
44 Bis(2-chloroethyl)ether	93		5.617					9
46 2-Chlorophenol	128		5.671					9
47 1,3-Dichlorobenzene	146		5.815					9
48 1,4-Dichlorobenzene	146		5.879					9
49 Benzyl alcohol	108		5.981					
50 1,2-Dichlorobenzene	146		6.018					9
51 2-Methylphenol	108		6.072					9
52 2,2'-oxybis[1-chloropropane]	45		6.098					9
191 3 & 4 Methylphenol	108		6.200					
56 N-Nitrosodi-n-propylamine	70		6.211					
60 Hexachloroethane	117		6.323					
61 Nitrobenzene	77		6.371					
63 Isophorone	82		6.574					
65 2-Nitrophenol	139		6.649					9
64 2,4-Dimethylphenol	107		6.671					9
69 Benzoic acid	122		6.735					
68 Bis(2-chloroethoxy)methane	93		6.756					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
71 2,4-Dichlorophenol	162		6.853					
72 1,2,4-Trichlorobenzene	180		6.933					
73 Naphthalene	128	7.002	7.002	0.0	77	163107	0.9723	
74 4-Chloroaniline	127		7.040					
77 Hexachlorobutadiene	225		7.104					
84 4-Chloro-3-methylphenol	107		7.436					9
85 2-Methylnaphthalene	142	7.591	7.596	-0.005	89	87418	0.8147	
88 Hexachlorocyclopentadiene	237		7.724					
90 2,4,6-Trichlorophenol	196		7.826					
91 2,4,5-Trichlorophenol	196		7.853					9
98 2-Chloronaphthalene	162		8.008					
100 2-Nitroaniline	65		8.083					
103 Dimethyl phthalate	163		8.222					9
105 2,6-Dinitrotoluene	165		8.281					
107 Acenaphthylene	152	8.366	8.361	0.005	84	29188	0.1663	
108 3-Nitroaniline	138		8.425					
110 Acenaphthene	153	8.511	8.511	0.0	86	54408	0.5155	
109 2,4-Dinitrophenol	184		8.516					
111 4-Nitrophenol	109		8.548					9
112 2,4-Dinitrotoluene	165		8.623					
114 Dibenzofuran	168	8.655	8.655	0.0	94	122285	0.7807	
119 Diethyl phthalate	149		8.816					9
121 4-Chlorophenyl phenyl ether	204		8.928					9
123 4-Nitroaniline	138		8.944					9
124 Fluorene	166	8.944	8.944	0.0	95	99833	0.7937	
126 4,6-Dinitro-2-methylphenol	198		8.965					9
130 N-Nitrosodiphenylamine	169		9.024					
137 4-Bromophenyl phenyl ether	248		9.345					
139 Hexachlorobenzene	284		9.409					
141 Pentachlorophenol	266		9.564					9
146 Phenanthrene	178	9.757	9.757	0.0	97	1304398	7.04	
147 Anthracene	178	9.800	9.800	0.0	97	307473	1.67	
149 Carbazole	167	9.928	9.928	0.0	78	183991	1.03	
151 Di-n-butyl phthalate	149		10.185					
157 Fluoranthene	202	10.768	10.762	0.006	96	1697487	8.29	
160 Pyrene	202	10.971	10.971	0.0	98	1332679	5.66	
166 Butyl benzyl phthalate	149		11.549					
173 3,3'-Dichlorobenzidine	252		12.191					
171 Bis(2-ethylhexyl) phthalate	149		12.207					
175 Benzo[a]anthracene	228	12.239	12.244	-0.005	99	664545	3.23	
176 Chrysene	228	12.287	12.287	0.0	92	669878	3.41	
178 Di-n-octyl phthalate	149		13.100					
180 Benzo[b]fluoranthene	252	13.726	13.726	0.0	95	821535	4.76	
181 Benzo[k]fluoranthene	252	13.763	13.763	0.0	99	335137	1.79	M
182 Benzo[a]pyrene	252	14.218	14.212	0.006	74	518868	3.06	
186 Indeno[1,2,3-cd]pyrene	276	15.929	15.929	0.0	96	223982	1.24	
187 Dibenz(a,h)anthracene	278	15.961	15.956	0.005	42	53674	0.4885	M
188 Benzo[g,h,i]perylene	276	16.357	16.362	-0.005	86	188268	1.21	

QC Flag Legend

Processing Flags
2 - Failed Coelution Test
4 - Failed Signal Ratio Test
9 - Failed A Reference Spectral Test

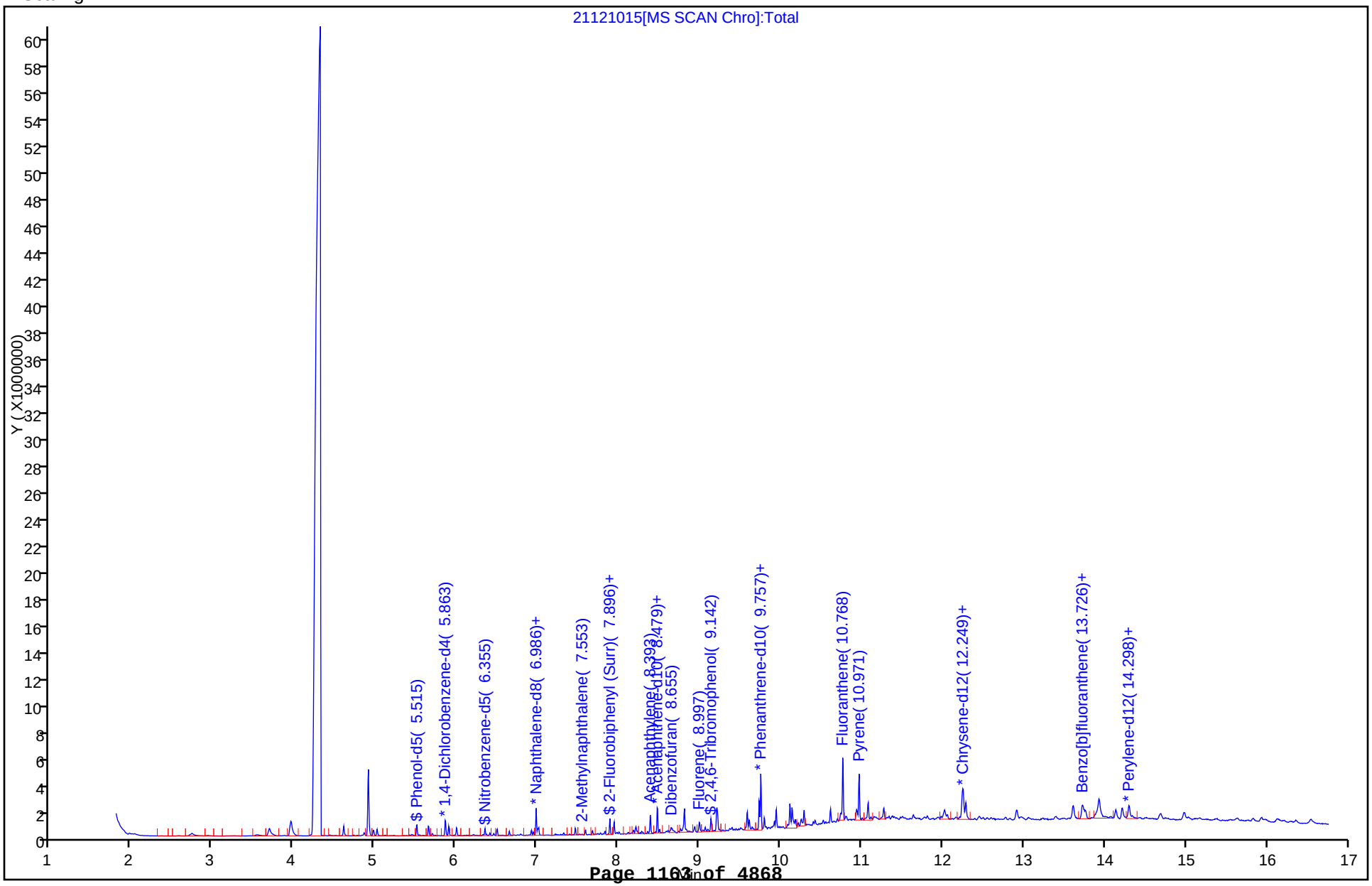
Review Flags
M - Manually Integrated

Report Date: 23-Nov-2012 10:11:11 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121015.D		
Injection Date:	21-Nov-2012 16:46:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0005M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	15
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



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TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121015.D

Injection Date:	21-Nov-2012 16:46:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0005M-0001-SO	Instrument ID:	A4HP7
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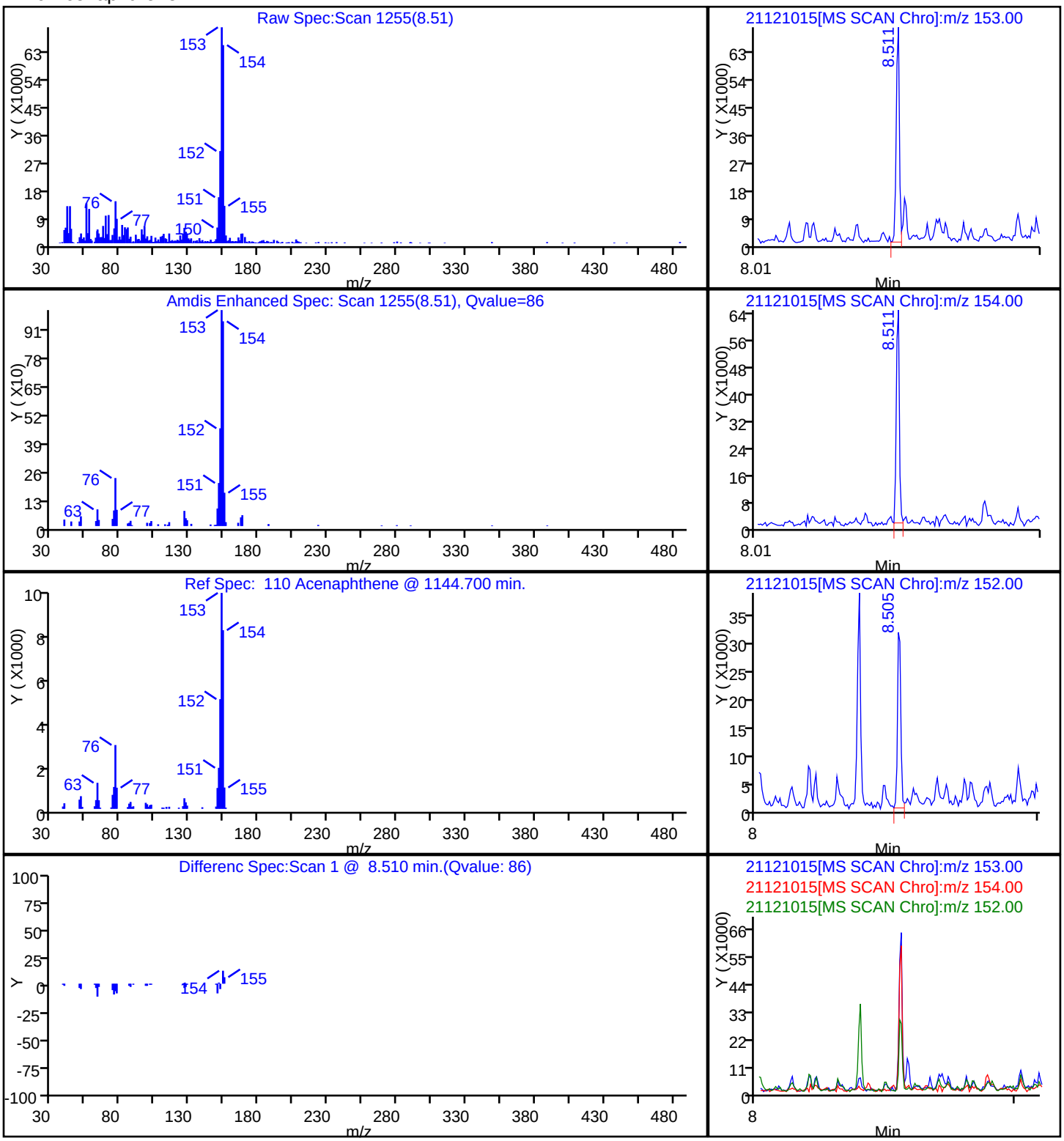
Column Type:	5% phenyl	Column Dia:	0.18 mm

110 Acenaphthene



Report Date: 23-Nov-2012 10:11:11 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121015.D

Injection Date:	21-Nov-2012 16:46:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0005M-0001-SO	Instrument ID:	A4HP7
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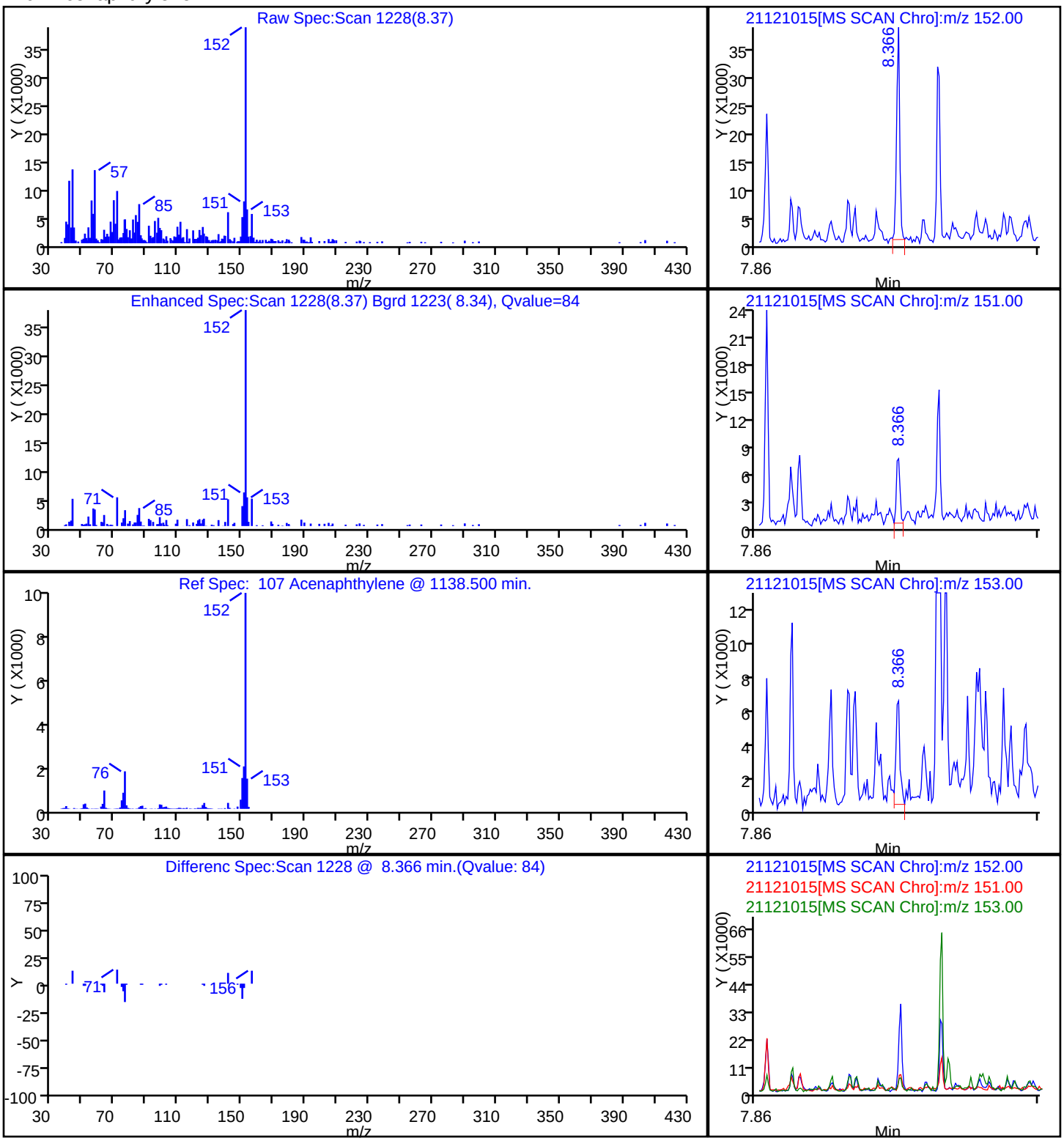
107 Acenaphthylene



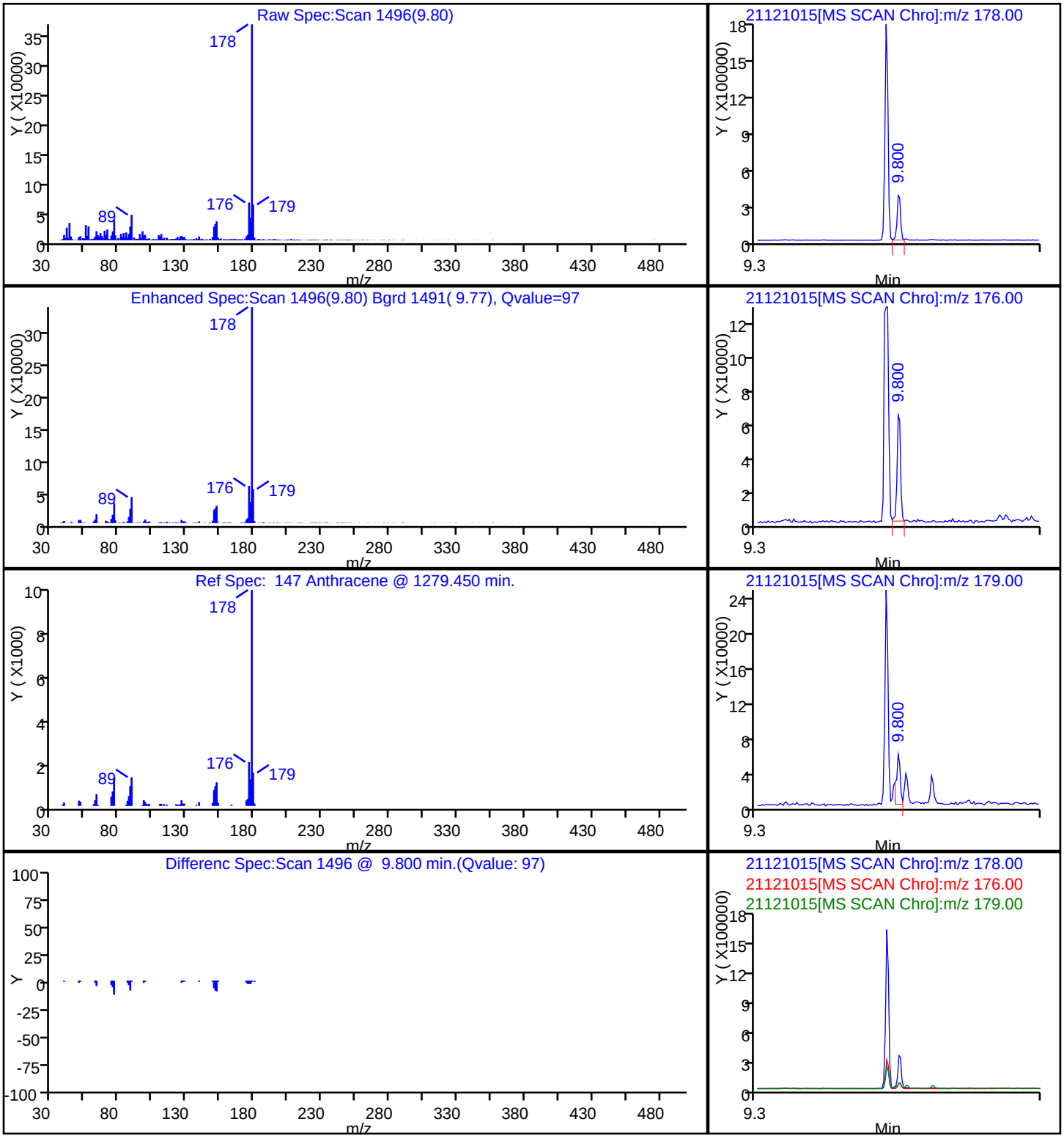
Report Date: 23-Nov-2012 10:11:12 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121015.D

Injection Date:	21-Nov-2012 16:46:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0005M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	15
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

147 Anthracene



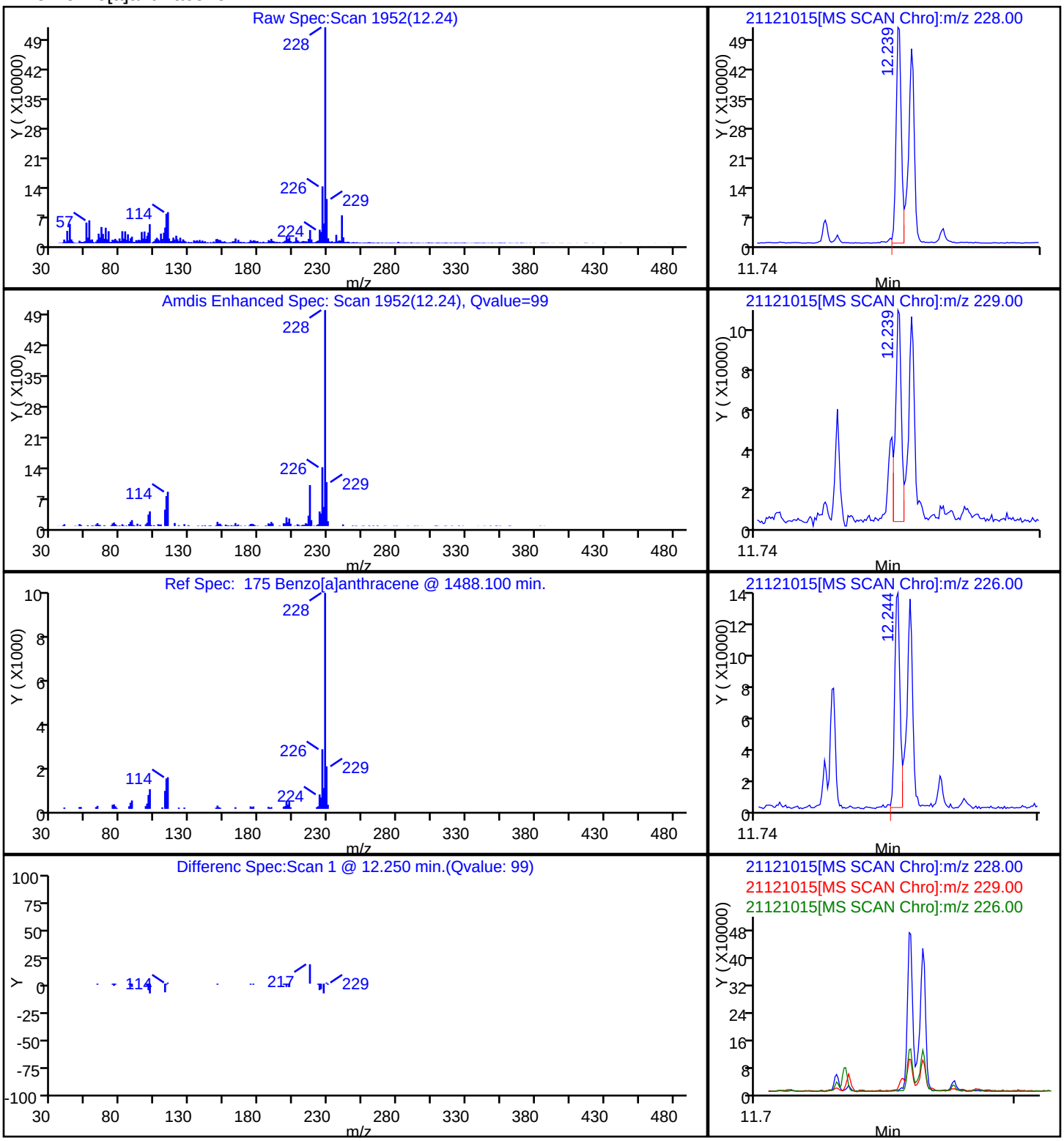
Report Date: 23-Nov-2012 10:11:12 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121015.D

Injection Date:	21-Nov-2012 16:46:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0005M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	15
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

175 Benzo[a]anthracene



Report Date: 23-Nov-2012 10:11:12 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121015.D

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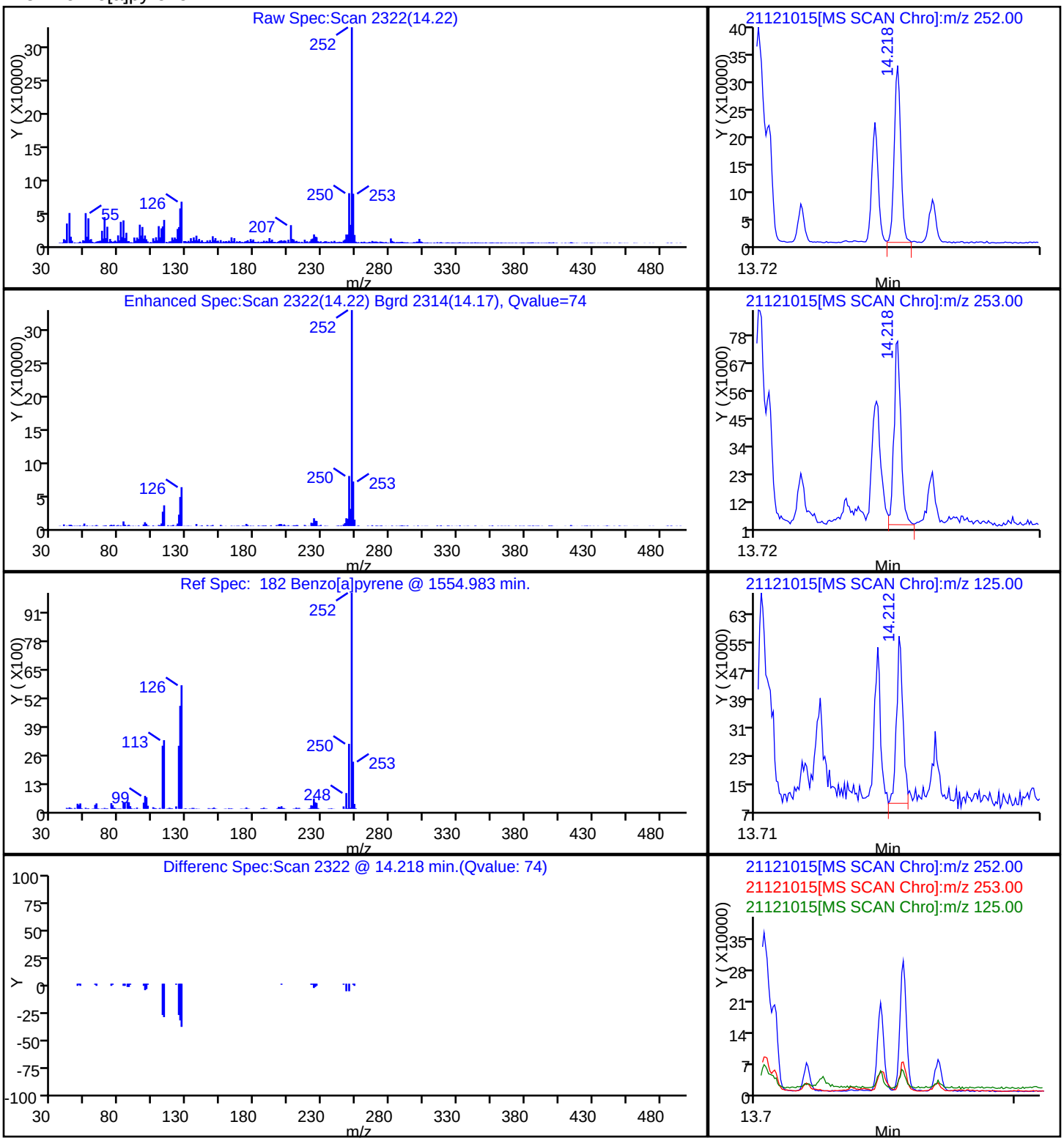
Lims Batch ID:	65876	Lims Sample ID:	15
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

182 Benzo[a]pyrene



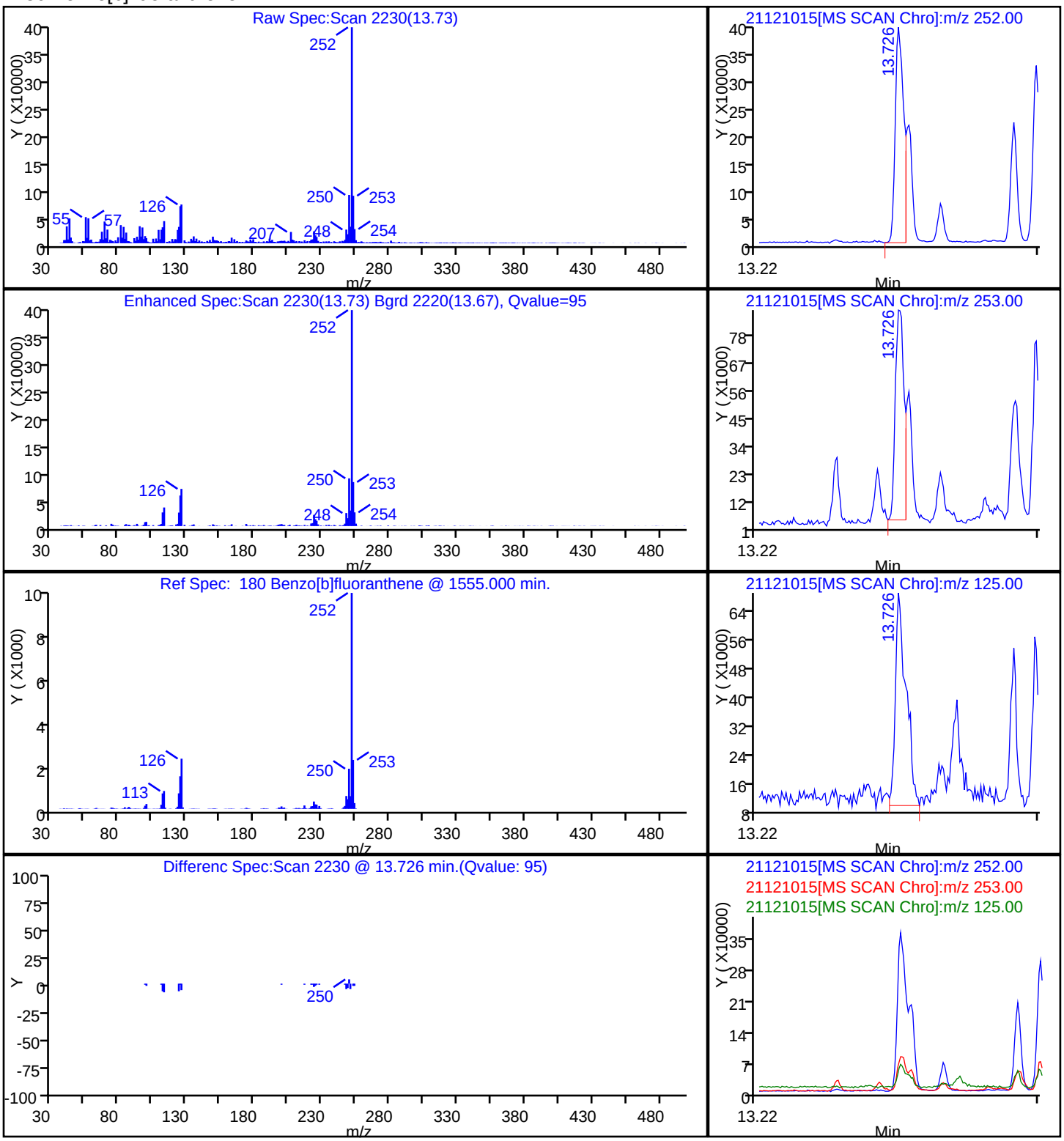
Report Date: 23-Nov-2012 10:11:12 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121015.D

Injection Date:	21-Nov-2012 16:46:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0005M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	15
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

180 Benzo[b]fluoranthene



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Data File:	\\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121015.D		
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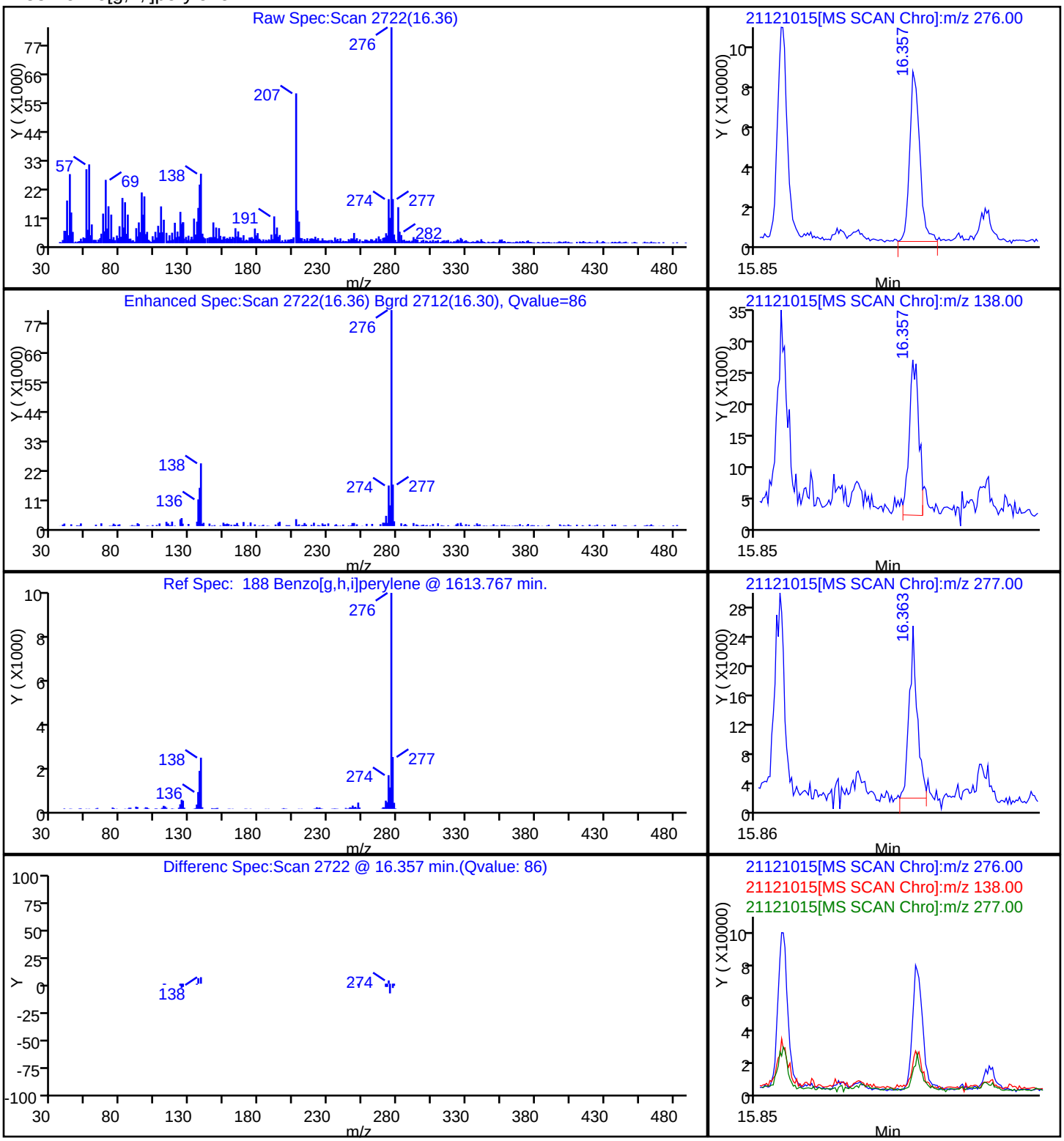
Lims Batch ID:	65876	Lims Sample ID:	15
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

188 Benzo[g,h,i]perylene



Report Date: 23-Nov-2012 10:11:12 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121015.D		
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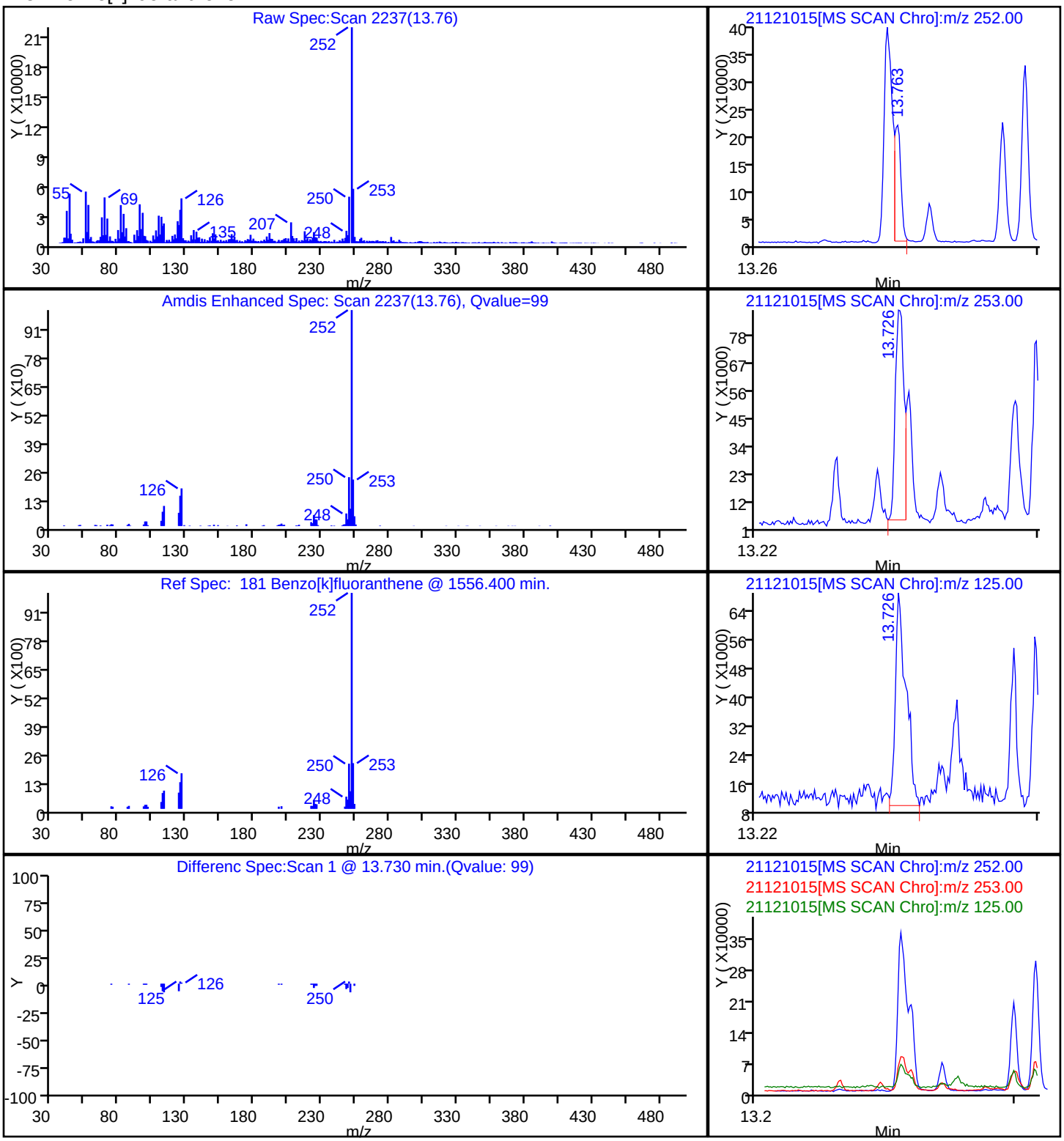
Client ID:	076SS-0005M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	15
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

181 Benzo[k]fluoranthene

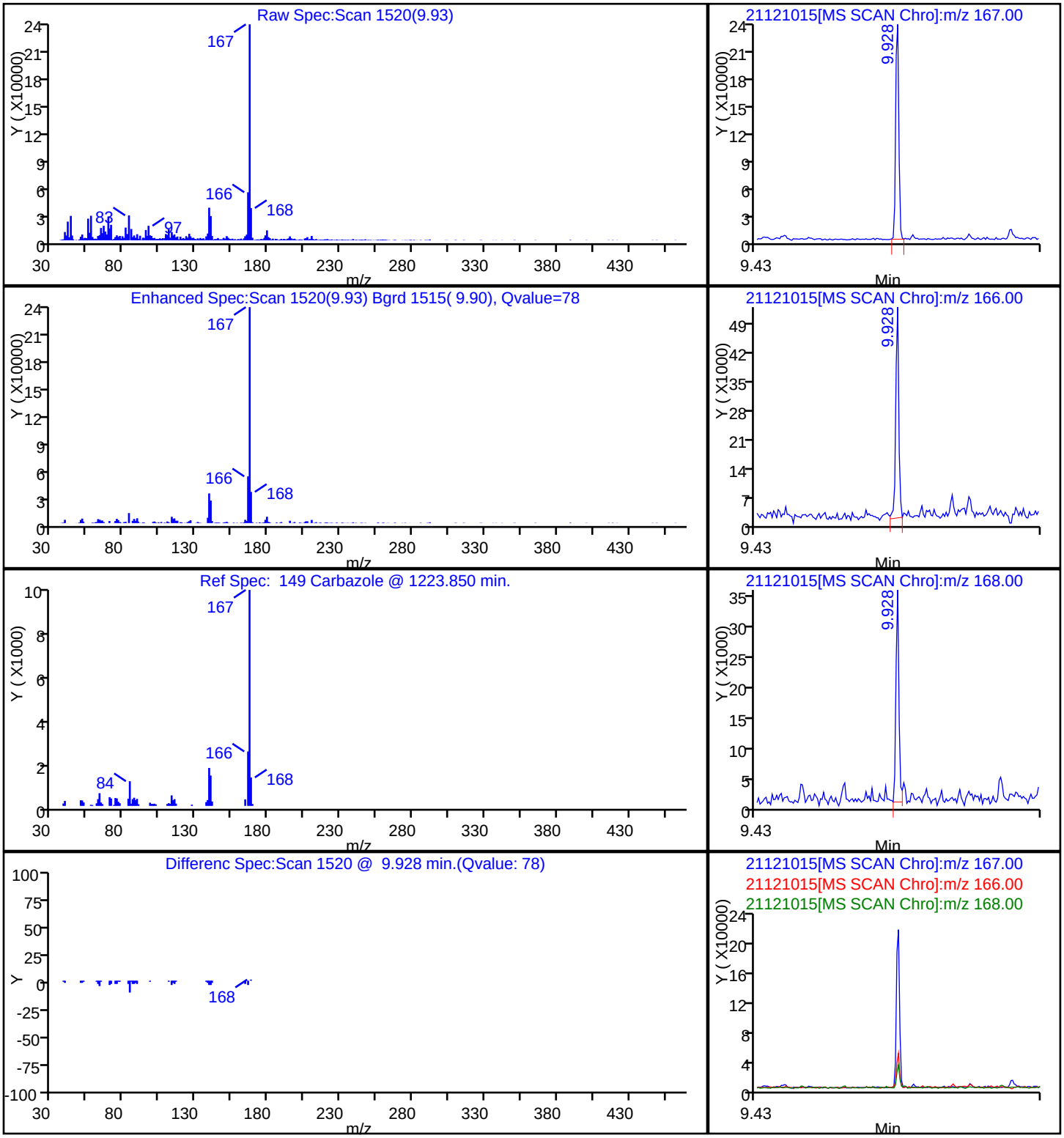


Report Date: 23-Nov-2012 10:11:12 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121015.D		
Injection Date:	21-Nov-2012 16:46:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0005M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	15
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

149 Carbazole



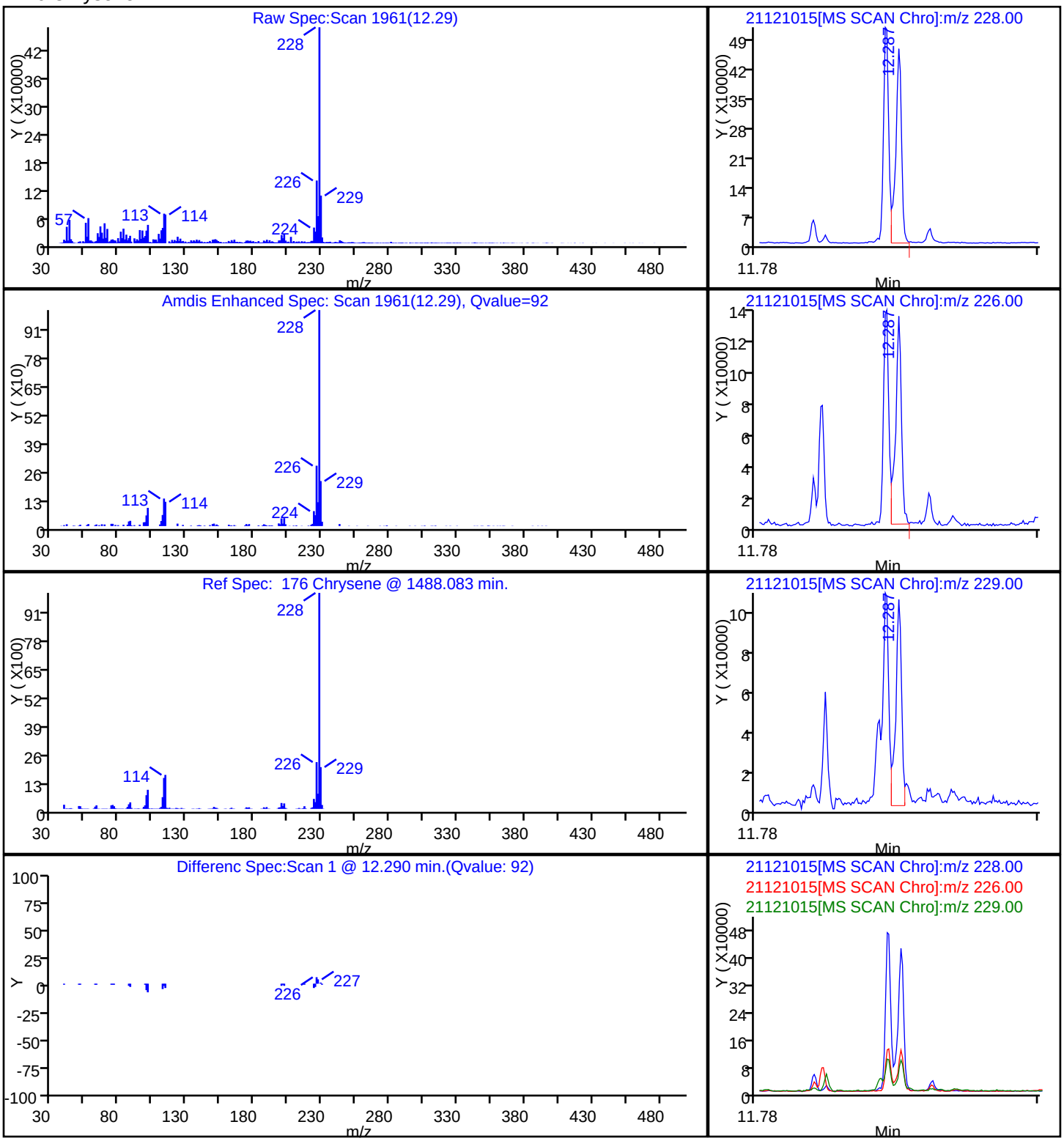
Report Date: 23-Nov-2012 10:11:12 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121015.D

Injection Date:	21-Nov-2012 16:46:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0005M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	15
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

176 Chrysene

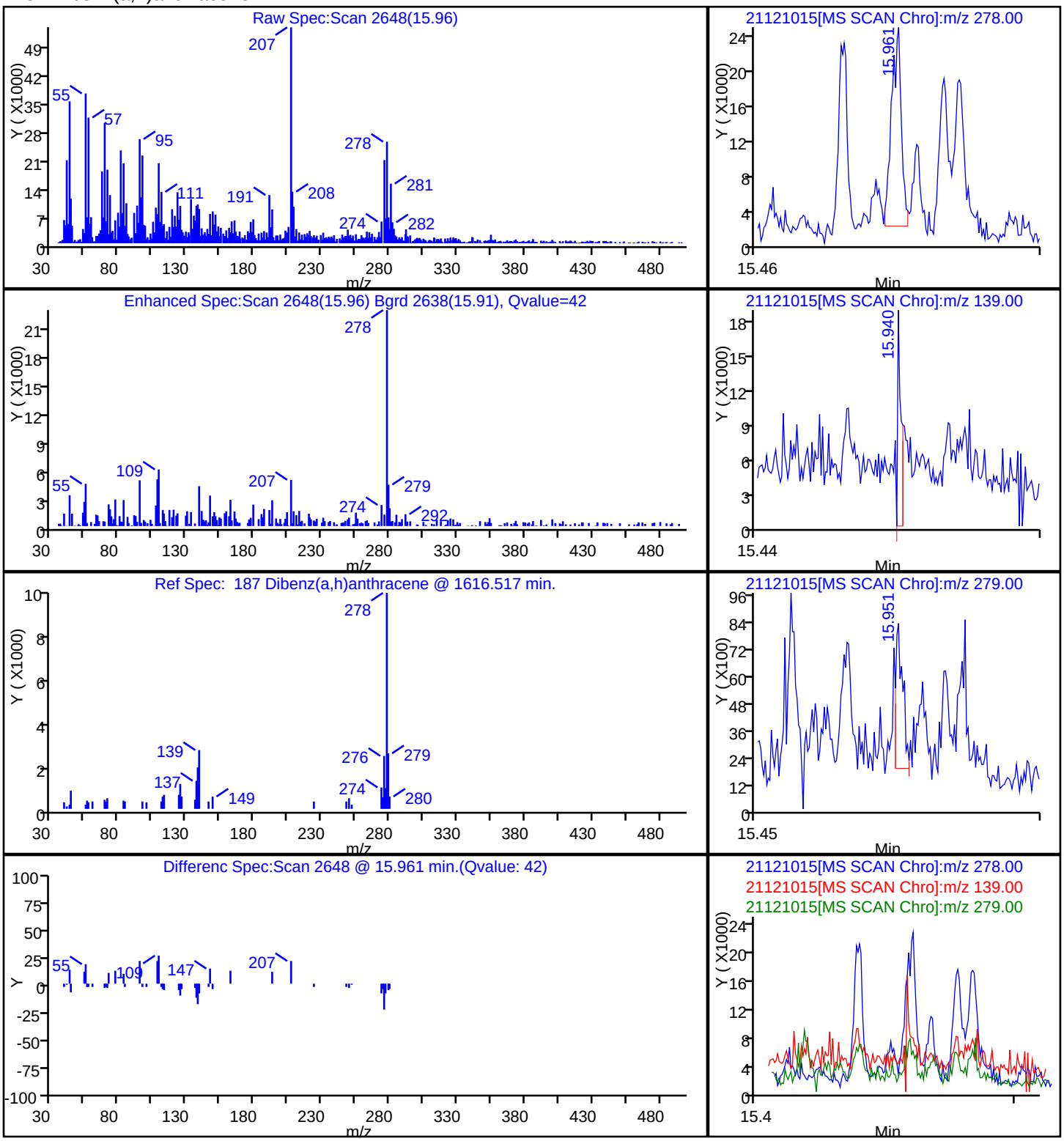


Report Date: 23-Nov-2012 10:11:12 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121015.D		
Injection Date:	21-Nov-2012 16:46:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0005M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	15
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

187 Dibenz(a,h)anthracene



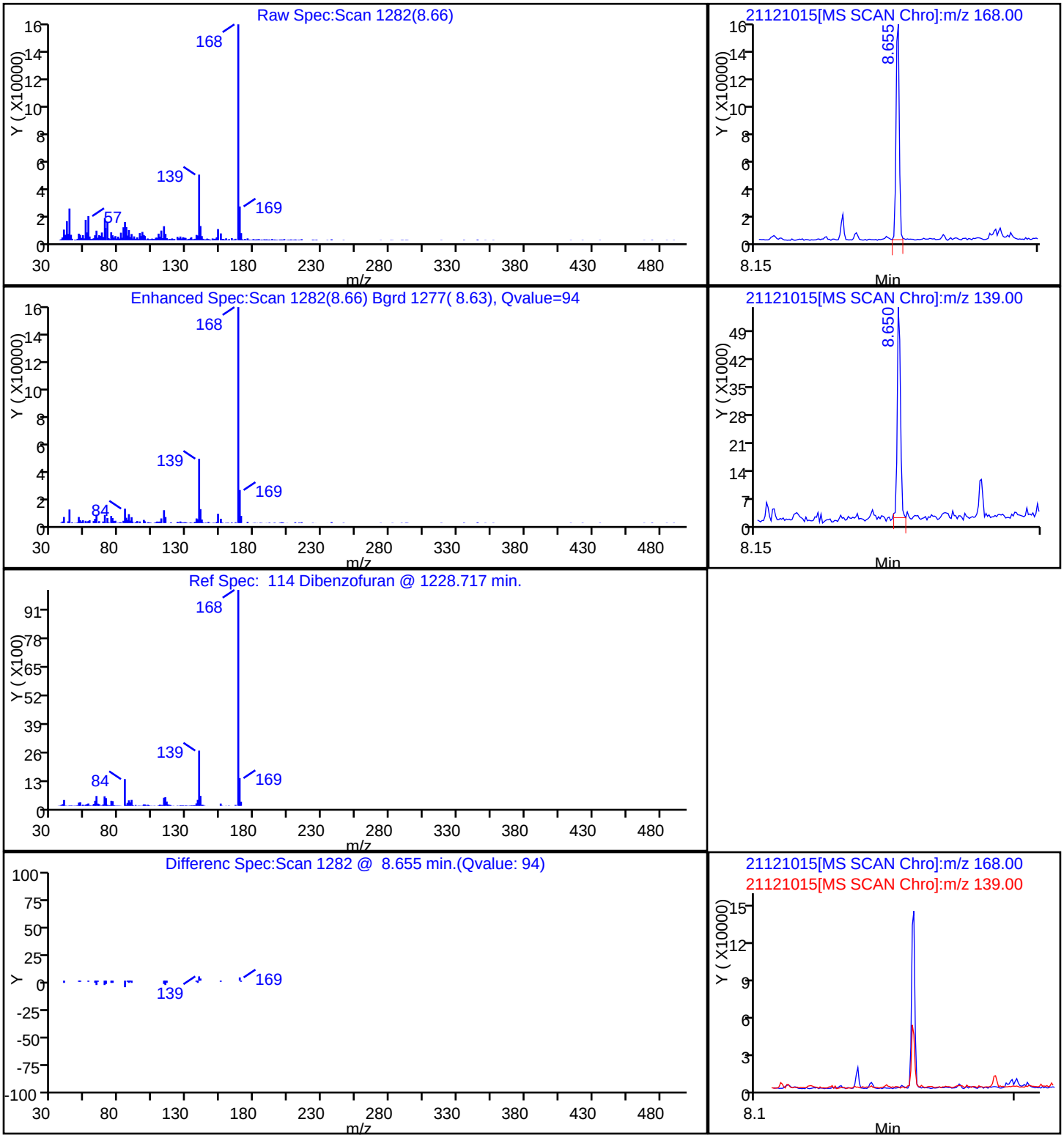
Report Date: 23-Nov-2012 10:11:11 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121015.D

Injection Date:	21-Nov-2012 16:46:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0005M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	15
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

114 Dibenzofuran



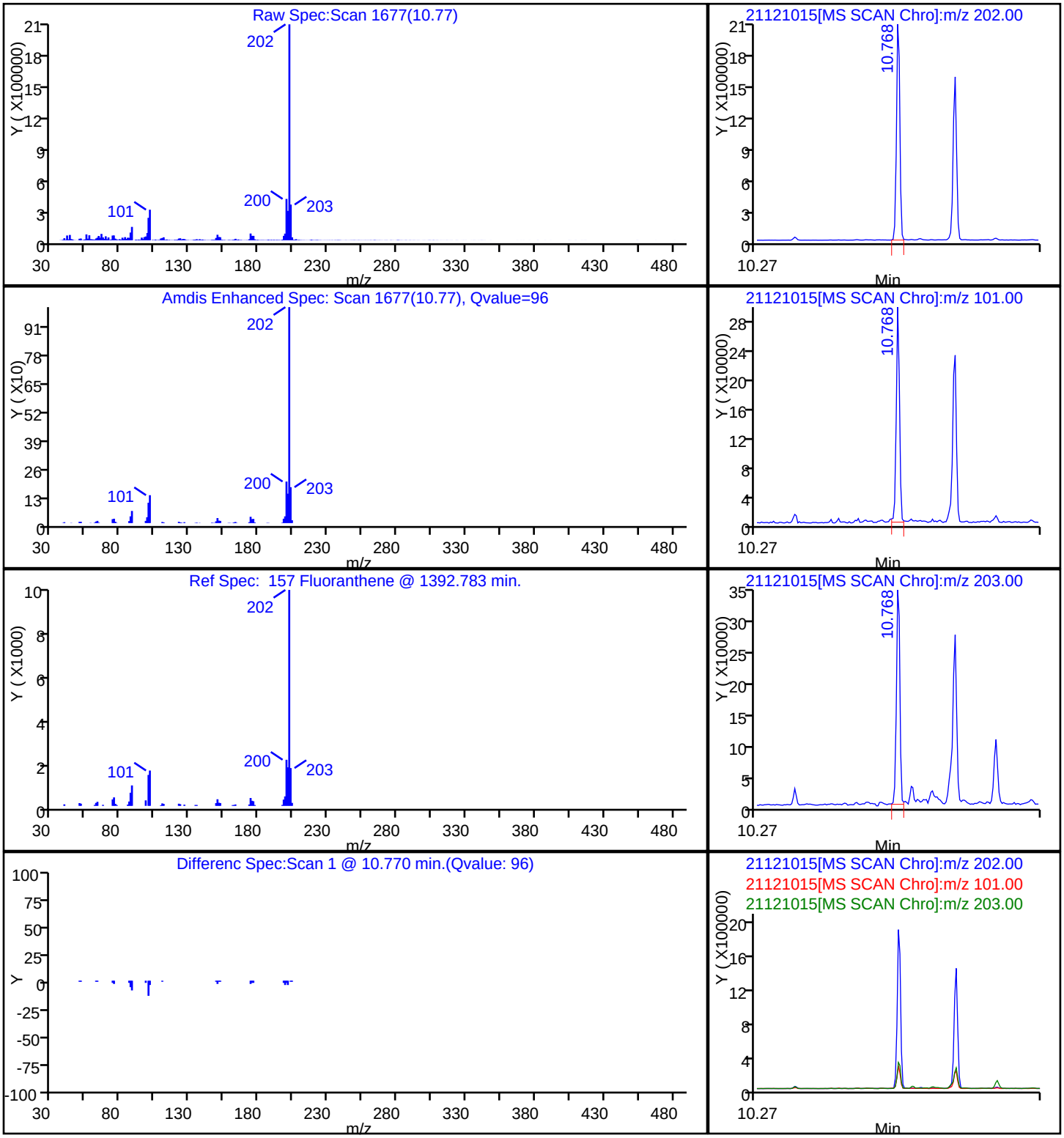
Report Date: 23-Nov-2012 10:11:12 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121015.D

Injection Date:	21-Nov-2012 16:46:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0005M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	15
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

157 Fluoranthene



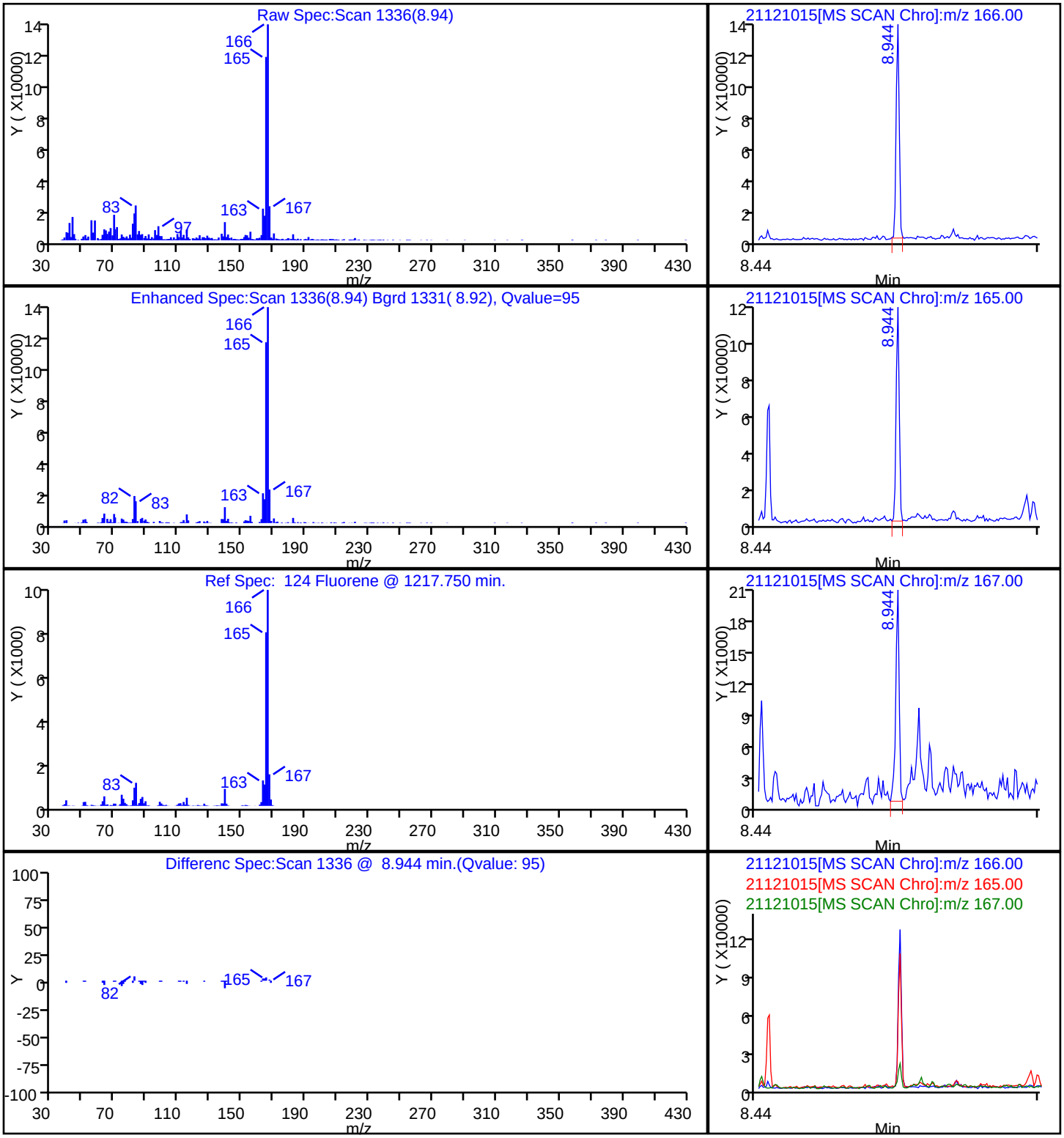
Report Date: 23-Nov-2012 10:11:11 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121015.D

Injection Date:	21-Nov-2012 16:46:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0005M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	15
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

124 Fluorene

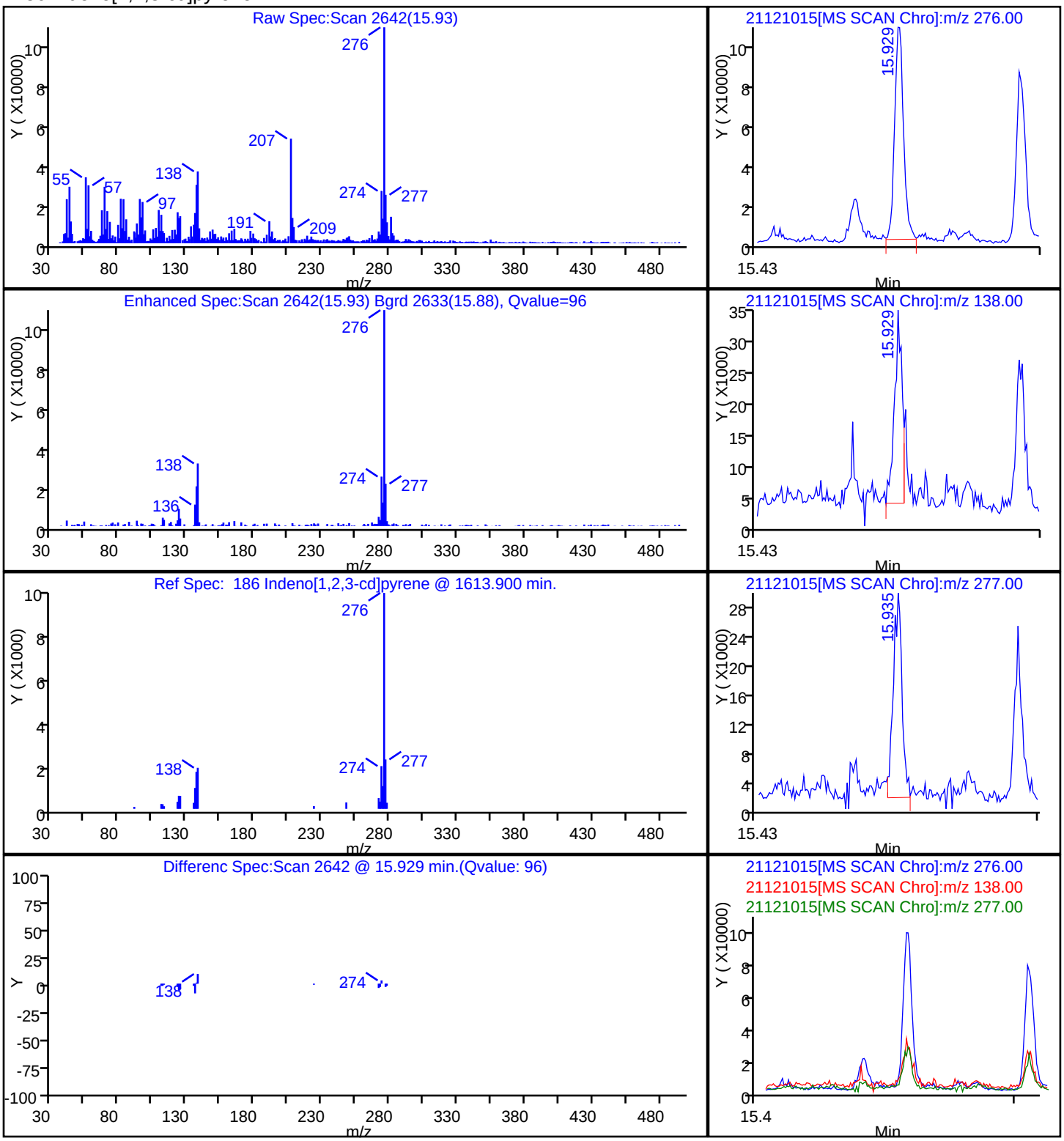


Report Date: 23-Nov-2012 10:11:12 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121015.D		
Injection Date:	21-Nov-2012 16:46:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0005M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	15
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

186 Indeno[1,2,3-cd]pyrene



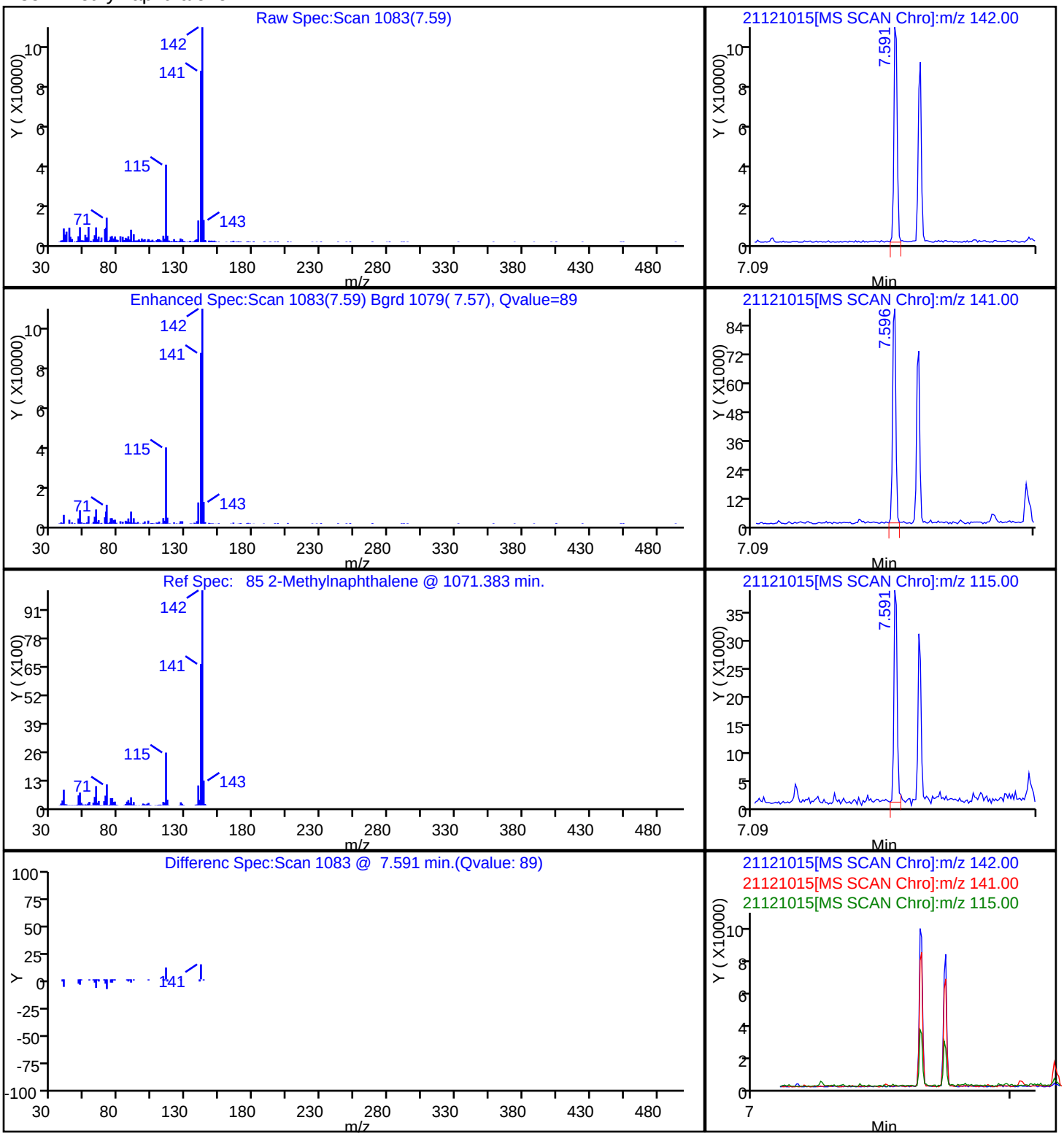
Report Date: 23-Nov-2012 10:11:11 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121015.D

Injection Date:	21-Nov-2012 16:46:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0005M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	15
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

85 2-Methylnaphthalene



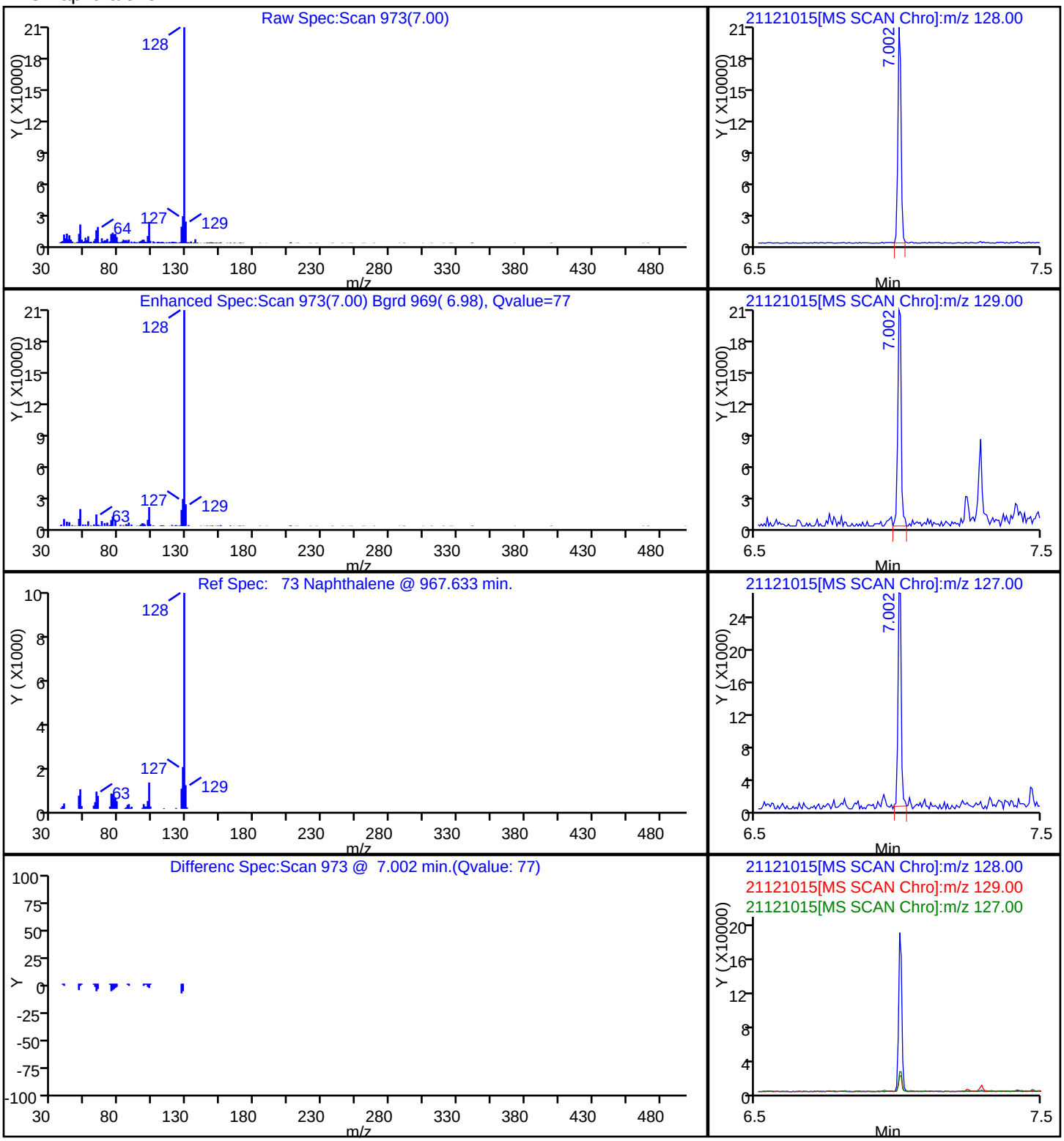
Report Date: 23-Nov-2012 10:11:11 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121015.D

Injection Date:	21-Nov-2012 16:46:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0005M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	15
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

73 Naphthalene

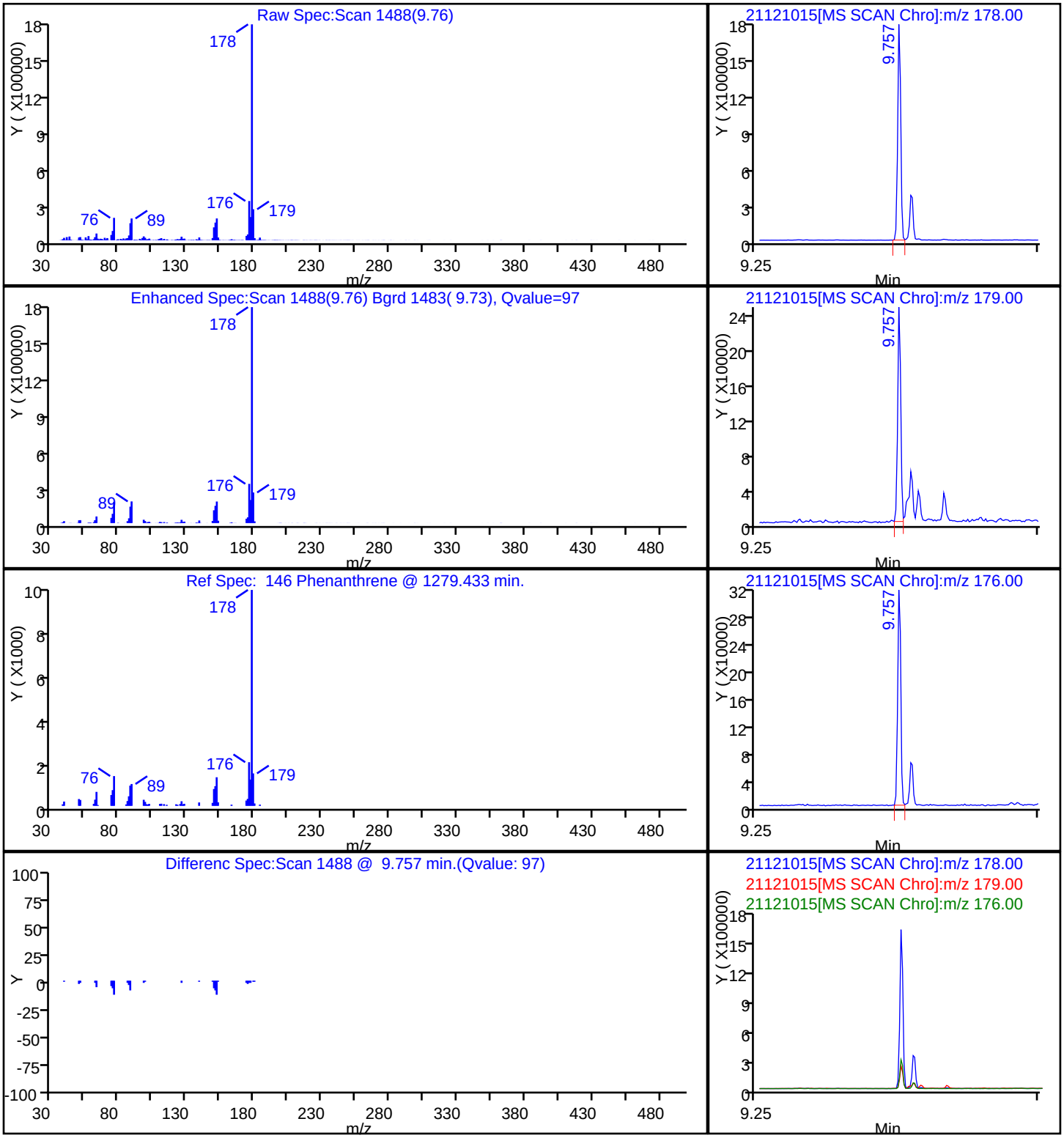


Report Date: 23-Nov-2012 10:11:12 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121015.D		
Injection Date:	21-Nov-2012 16:46:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0005M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	15
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

146 Phenanthrene



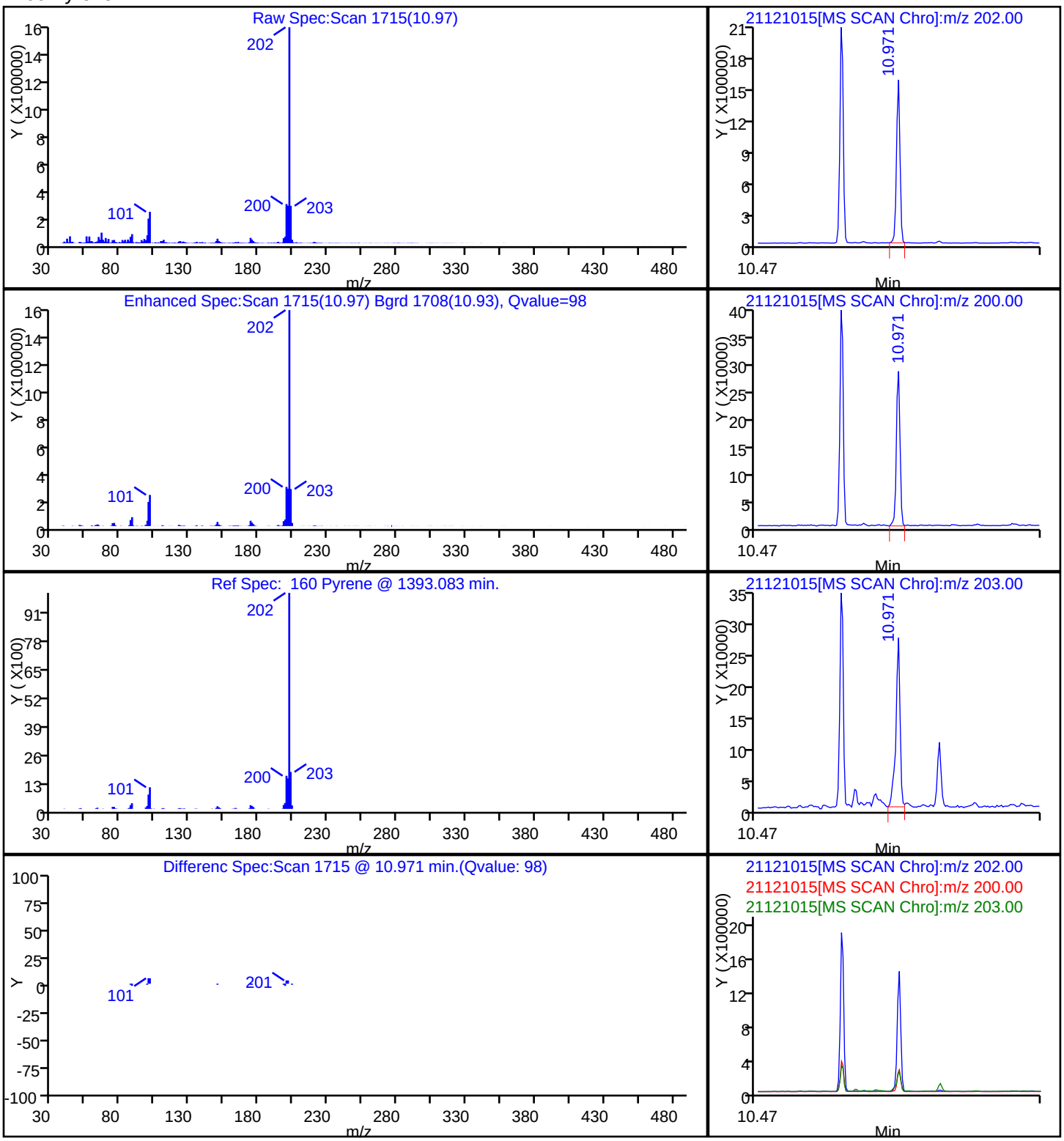
Report Date: 23-Nov-2012 10:11:12 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121015.D

Injection Date:	21-Nov-2012 16:46:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0005M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	15
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

160 Pyrene



Manual Integration/User Assign Peak Report

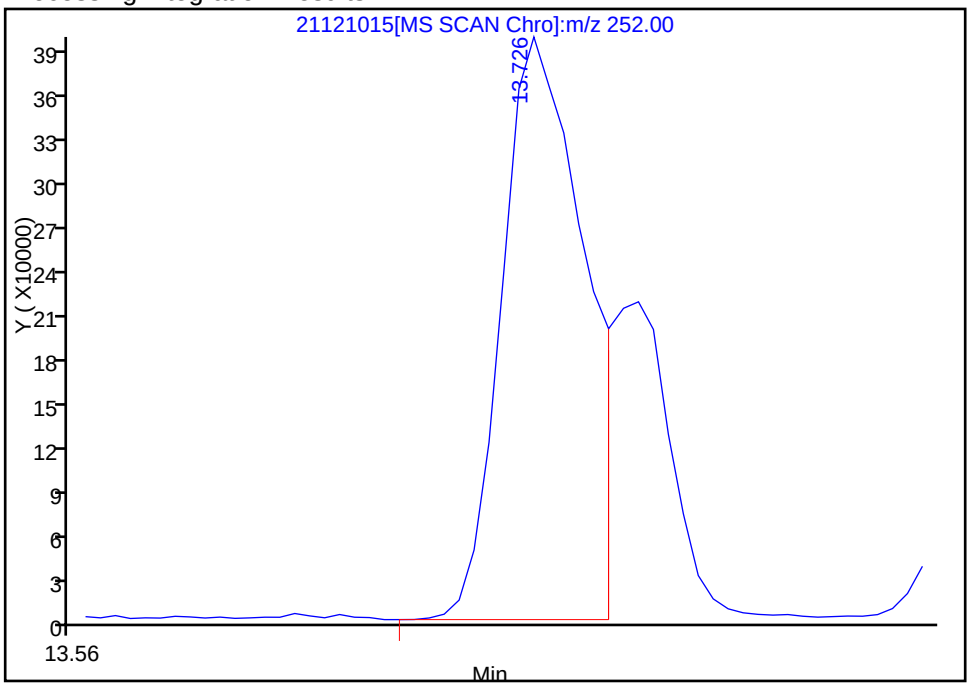
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121015.D		
Injection Date:	21-Nov-2012 16:46:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0005M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	15
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

181 Benzo[k]fluoranthene, Signal: 1, m/z: 252.0 Type: quant, RT: 13.76

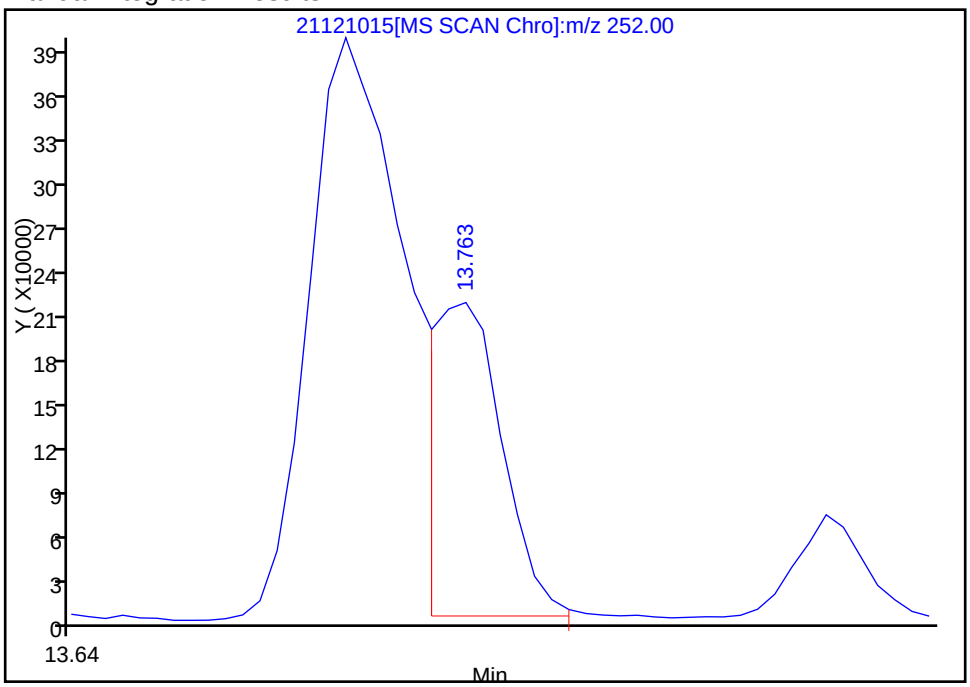
Processing Integration Results

RT: 13.73
Response: 821535
Amount: 4.378292



Manual Integration Results

RT: 13.76
Response: 335137
Amount: 1.786080



Reviewer: gruberj, 23-Nov-2012 09:56:59
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

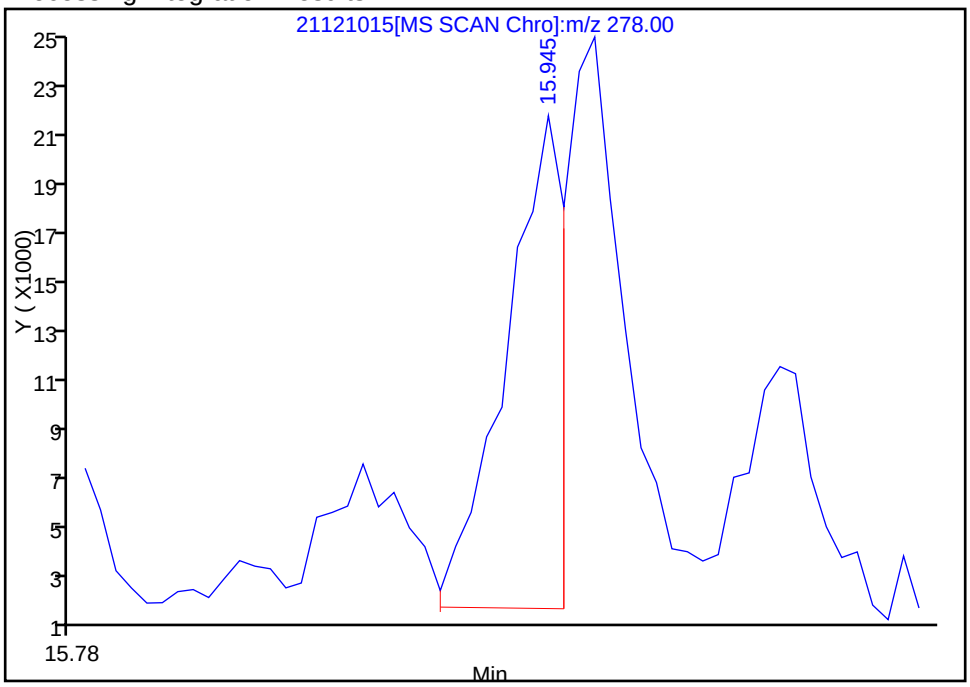
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121015.D		
Injection Date:	21-Nov-2012 16:46:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0005M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	15
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

187 Dibenz(a,h)anthracene, Signal: 1, m/z: 278.0 Type: quant, RT: 15.96

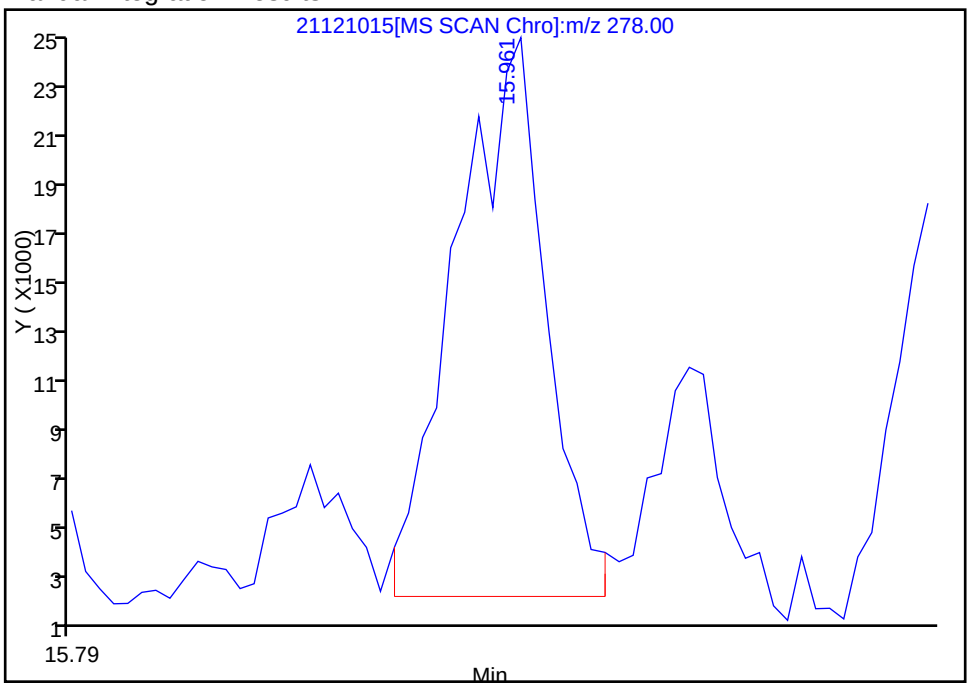
Processing Integration Results

RT: 15.95
Response: 28216
Amount: 0.336825



Manual Integration Results

RT: 15.96
Response: 53674
Amount: 0.488519



Reviewer: gruberj, 23-Nov-2012 09:56:59
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: 076SS-0006M-0001-SO | Lab Sample ID: 240-17317-4

Matrix: Solid | Lab File ID: 21121014.D

Analysis Method: 8270C/DoD | Date Collected: 11/06/2012 18:00

Extract. Method: 3540C | Date Extracted: 11/16/2012 11:46

Sample wt/vol: 29.59(g) | Date Analyzed: 11/21/2012 16:22

Con. Extract Vol.: 2(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 65876 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	220	D	34	17	17
208-96-8	Acenaphthylene	95	D	34	17	17
120-12-7	Anthracene	630	D	34	17	17
56-55-3	Benzo[a]anthracene	1700	D	34	17	17
50-32-8	Benzo[a]pyrene	1500	D	34	17	17
205-99-2	Benzo[b]fluoranthene	2300	D	34	17	17
191-24-2	Benzo[g,h,i]perylene	640	D	34	17	17
65-85-0	Benzoic acid	1700	U	3300	1700	1700
207-08-9	Benzo[k]fluoranthene	830	D M	34	17	17
100-51-6	Benzyl alcohol	140	U	1700	140	110
111-91-1	Bis(2-chloroethoxy)methane	140	U	510	140	110
111-44-4	Bis(2-chloroethyl)ether	17	U	510	17	10
108-60-1	bis (2-chloroisopropyl) ether	140	U	510	140	48
117-81-7	Bis(2-ethylhexyl) phthalate	140	U	250	140	96
101-55-3	4-Bromophenyl phenyl ether	140	U	250	140	66
85-68-7	Butyl benzyl phthalate	140	U	250	140	51
86-74-8	Carbazole	390	D	250	140	140
106-47-8	4-Chloroaniline	140	U	760	140	86
59-50-7	4-Chloro-3-methylphenol	140	U	760	140	110
91-58-7	2-Chloronaphthalene	17	U	250	17	17
95-57-8	2-Chlorophenol	140	U	250	140	140
7005-72-3	4-Chlorophenyl phenyl ether	140	U	250	140	66
218-01-9	Chrysene	1700	D	34	17	5.6
53-70-3	Dibenz(a,h)anthracene	210	D	34	17	17
132-64-9	Dibenzofuran	390	D	250	17	17
106-46-7	1,4-Dichlorobenzene	140	U	250	140	100
95-50-1	1,2-Dichlorobenzene	140	U	250	140	49
541-73-1	1,3-Dichlorobenzene	140	U	250	140	56
91-94-1	3,3'-Dichlorobenzidine	410	U	510	410	91
120-83-2	2,4-Dichlorophenol	140	U	760	140	100
84-66-2	Diethyl phthalate	140	U	250	140	81
105-67-9	2,4-Dimethylphenol	410	U	760	410	100
131-11-3	Dimethyl phthalate	140	U	250	140	86
84-74-2	Di-n-butyl phthalate	140	U	250	140	76

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: 076SS-0006M-0001-SO | Lab Sample ID: 240-17317-4

Matrix: Solid | Lab File ID: 21121014.D

Analysis Method: 8270C/DoD | Date Collected: 11/06/2012 18:00

Extract. Method: 3540C | Date Extracted: 11/16/2012 11:46

Sample wt/vol: 29.59(g) | Date Analyzed: 11/21/2012 16:22

Con. Extract Vol.: 2(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 65876 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	410	U	760	410	410
51-28-5	2,4-Dinitrophenol	410	U	1700	410	410
121-14-2	2,4-Dinitrotoluene	140	U	1000	140	140
606-20-2	2,6-Dinitrotoluene	140	U	1000	140	110
117-84-0	Di-n-octyl phthalate	140	U	250	140	140
206-44-0	Fluoranthene	4100	D	34	17	17
86-73-7	Fluorene	270	D	34	17	17
118-74-1	Hexachlorobenzene	17	U	34	17	11
87-68-3	Hexachlorobutadiene	140	U	250	140	140
77-47-4	Hexachlorocyclopentadiene	140	U	1700	140	140
67-72-1	Hexachloroethane	140	U	250	140	46
193-39-5	Indeno[1,2,3-cd]pyrene	650	D	34	17	17
78-59-1	Isophorone	140	U	250	140	66
91-57-6	2-Methylnaphthalene	1000	D	34	17	17
95-48-7	2-Methylphenol	410	U	1000	410	410
15831-10-4	3 & 4 Methylphenol	410	U	2000	410	100
91-20-3	Naphthalene	750	D	34	17	17
88-74-4	2-Nitroaniline	140	U	1000	140	46
99-09-2	3-Nitroaniline	410	U	1000	410	81
100-01-6	4-Nitroaniline	140	U	1000	140	130
98-95-3	Nitrobenzene	17	U	510	17	11
88-75-5	2-Nitrophenol	140	U	250	140	140
100-02-7	4-Nitrophenol	410	U	1700	410	410
621-64-7	N-Nitrosodi-n-propylamine	140	U	250	140	140
86-30-6	N-Nitrosodiphenylamine	140	U	250	140	110
87-86-5	Pentachlorophenol	410	U	760	410	410
85-01-8	Phenanthrene	3000	D	34	17	17
108-95-2	Phenol	140	U	250	140	140
129-00-0	Pyrene	3000	D	34	17	17
120-82-1	1,2,4-Trichlorobenzene	140	U	250	140	140
95-95-4	2,4,5-Trichlorophenol	140	U	760	140	130
88-06-2	2,4,6-Trichlorophenol	410	U	760	410	410

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: 076SS-0006M-0001-SO | Lab Sample ID: 240-17317-4

Matrix: Solid | Lab File ID: 21121014.D

Analysis Method: 8270C/DoD | Date Collected: 11/06/2012 18:00

Extract. Method: 3540C | Date Extracted: 11/16/2012 11:46

Sample wt/vol: 29.59(g) | Date Analyzed: 11/21/2012 16:22

Con. Extract Vol.: 2(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 65876 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	68		45-105
367-12-4	2-Fluorophenol (Surr)	60		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	59		35-100
1718-51-0	Terphenyl-d14 (Surr)	77		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	79		35-125
4165-62-2	Phenol-d5 (Surr)	69		40-100

Report Date: 23-Nov-2012 10:11:13 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121014.D
Lims ID: 240-17317-A-4-E Client ID: 076SS-0006M-0001-SO
Inject. Date: 21-Nov-2012 16:22:30 Dil. Factor: 5.0000
Sample Type: Client
Sample ID: 240-0015157-014
Misc. Info.: 240-17317-a-4-e
Operator: 001710 Instrument ID: A4HP7
Injection Vol: 1.0 ul ALS Bottle#: 14
Lims Batch ID: 65876 Lims Sample ID: 14
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\8270_hp7.m
Last Update: 23-Nov-2012 10:11:01 Calib Date: 14-Nov-2012 18:19:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP7\20121114-14953.b\21114010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: 5% phenyl Column Dia: 0.18 mm
Process Host: XAWRK037

First Level Reviewer: gruberj Date: 23-Nov-2012 09:55:02

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.863	5.863	0.0	97	175569	4.00	
* 2 Naphthalene-d8	136	6.986	6.986	0.0	99	675299	4.00	
* 3 Acenaphthene-d10	164	8.479	8.479	0.0	92	392025	4.00	
* 4 Phenanthrene-d10	188	9.736	9.736	0.0	97	689384	4.00	
* 5 Chrysene-d12	240	12.255	12.255	0.0	97	745959	4.00	
* 6 Perylene-d12	264	14.303	14.298	0.005	96	584637	4.00	
$ 7 2-Fluorophenol	112	4.606	4.595	0.011	91	97345	1.79	
$ 8 Phenol-d5	99	5.510	5.510	0.0	95	142516	2.07	
$ 9 Nitrobenzene-d5	82	6.355	6.355	0.0	84	69628	1.17	
$ 10 2-Fluorobiphenyl (Surr)	172	7.896	7.896	0.0	98	173690	1.37	
$ 11 2,4,6-Tribromophenol	330	9.147	9.147	0.0	66	38536	2.38	
$ 12 Terphenyl-d14	244	11.083	11.083	0.0	97	213474	1.55	
41 Phenol	94		5.521					
44 Bis(2-chloroethyl)ether	93		5.617					
46 2-Chlorophenol	128		5.671					9
47 1,3-Dichlorobenzene	146		5.815					9
48 1,4-Dichlorobenzene	146		5.879					9
49 Benzyl alcohol	108		5.981					
50 1,2-Dichlorobenzene	146		6.018					
51 2-Methylphenol	108		6.072					
52 2,2'-oxybis[1-chloropropane]	45		6.098					
191 3 & 4 Methylphenol	108		6.200					
56 N-Nitrosodi-n-propylamine	70		6.211					
60 Hexachloroethane	117		6.323					
61 Nitrobenzene	77		6.371					9
63 Isophorone	82		6.574					
65 2-Nitrophenol	139		6.649					9
64 2,4-Dimethylphenol	107		6.671					9
69 Benzoic acid	122		6.735					
68 Bis(2-chloroethoxy)methane	93		6.756					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
71 2,4-Dichlorophenol	162		6.853					9
72 1,2,4-Trichlorobenzene	180		6.933					
73 Naphthalene	128	7.002	7.002	0.0	95	375691	2.23	
74 4-Chloroaniline	127		7.040					
77 Hexachlorobutadiene	225		7.104					
84 4-Chloro-3-methylphenol	107		7.436					9
85 2-Methylnaphthalene	142	7.591	7.596	-0.005	93	321466	2.98	
88 Hexachlorocyclopentadiene	237		7.724					
90 2,4,6-Trichlorophenol	196		7.826					
91 2,4,5-Trichlorophenol	196		7.853					
98 2-Chloronaphthalene	162		8.008					
100 2-Nitroaniline	65		8.083					
103 Dimethyl phthalate	163		8.222					
105 2,6-Dinitrotoluene	165		8.281					
107 Acenaphthylene	152	8.361	8.361	0.0	85	50433	0.2820	
108 3-Nitroaniline	138		8.425					
110 Acenaphthene	153	8.505	8.511	-0.006	83	70422	0.6548	
109 2,4-Dinitrophenol	184		8.516					9
111 4-Nitrophenol	109		8.548					
112 2,4-Dinitrotoluene	165		8.623					
114 Dibenzofuran	168	8.655	8.655	0.0	90	182762	1.15	
119 Diethyl phthalate	149		8.816					9
121 4-Chlorophenyl phenyl ether	204		8.928					9
123 4-Nitroaniline	138		8.944					
124 Fluorene	166	8.944	8.944	0.0	92	101049	0.7884	
126 4,6-Dinitro-2-methylphenol	198		8.965					9
130 N-Nitrosodiphenylamine	169		9.024					
137 4-Bromophenyl phenyl ether	248		9.345					
139 Hexachlorobenzene	284		9.409					
141 Pentachlorophenol	266		9.564					9
146 Phenanthrene	178	9.757	9.757	0.0	97	1693849	8.99	
147 Anthracene	178	9.800	9.800	0.0	98	350551	1.87	
149 Carbazole	167	9.928	9.928	0.0	80	211122	1.16	
151 Di-n-butyl phthalate	149		10.185					
157 Fluoranthene	202	10.768	10.762	0.006	97	2514888	12.1	
160 Pyrene	202	10.971	10.971	0.0	96	2079650	8.74	
166 Butyl benzyl phthalate	149		11.549					
173 3,3'-Dichlorobenzidine	252		12.191					
171 Bis(2-ethylhexyl) phthalate	149		12.207					9
175 Benzo[a]anthracene	228	12.244	12.244	0.0	99	1055693	5.07	
176 Chrysene	228	12.287	12.287	0.0	96	1026306	5.17	
178 Di-n-octyl phthalate	149		13.100					
180 Benzo[b]fluoranthene	252	13.726	13.726	0.0	95	1294763	6.94	
181 Benzo[k]fluoranthene	252	13.758	13.763	-0.005	100	498320	2.46	M
182 Benzo[a]pyrene	252	14.218	14.212	0.006	74	842465	4.51	
186 Indeno[1,2,3-cd]pyrene	276	15.929	15.929	0.0	98	385315	1.93	
187 Dibenz(a,h)anthracene	278	15.956	15.956	0.0	61	81295	0.6171	
188 Benzo[g,h,i]perylene	276	16.362	16.362	0.0	94	315602	1.89	

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

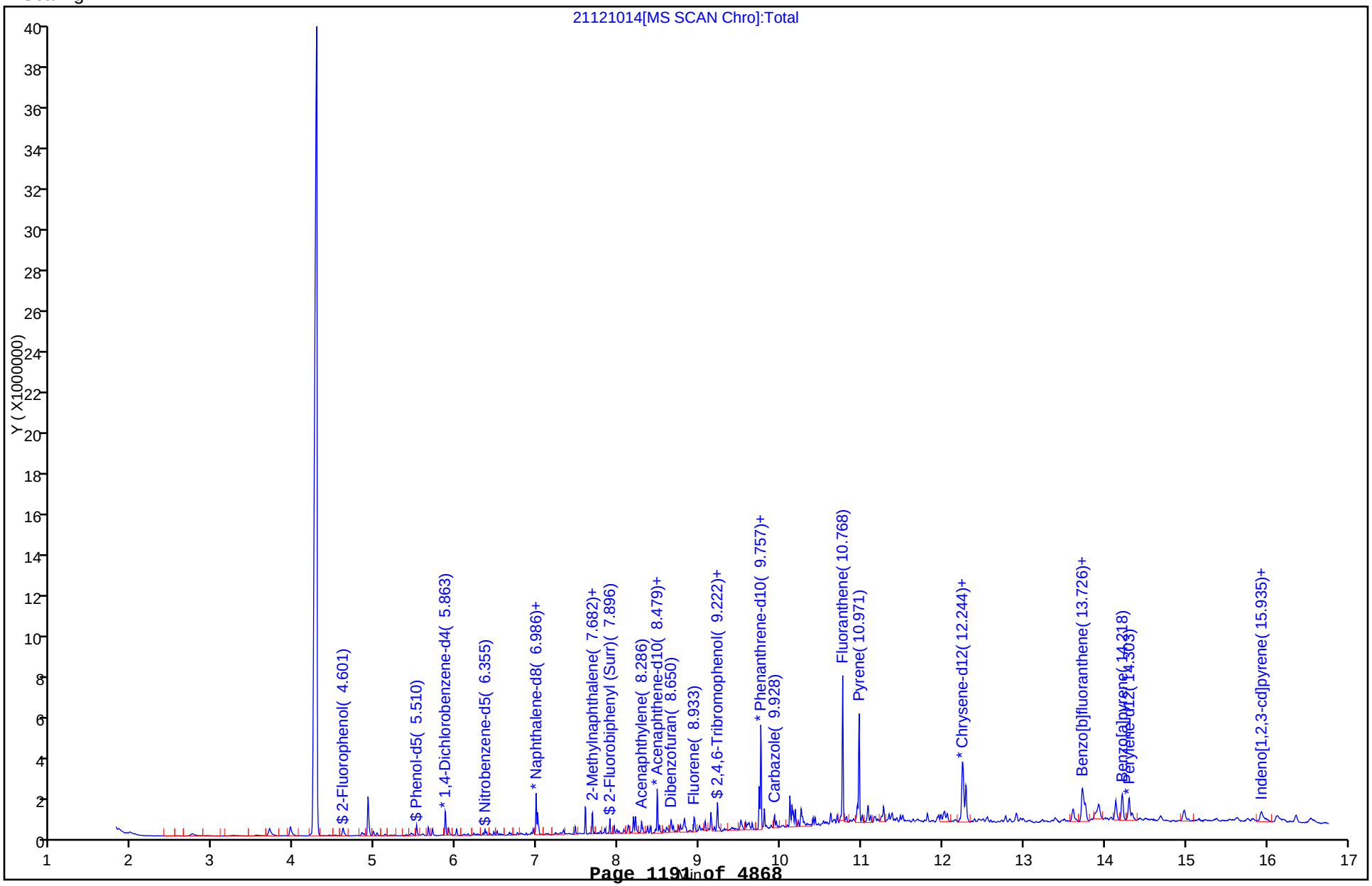
Review Flags
M - Manually Integrated

Report Date: 23-Nov-2012 10:11:13 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121014.D		
Injection Date:	21-Nov-2012 16:22:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0006M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	14
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



Report Date: 23-Nov-2012 10:11:13 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

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Lims Batch ID:	65876	Lims Sample ID:	14
Operator ID:	001710	Injection Vol:	1.0 ul
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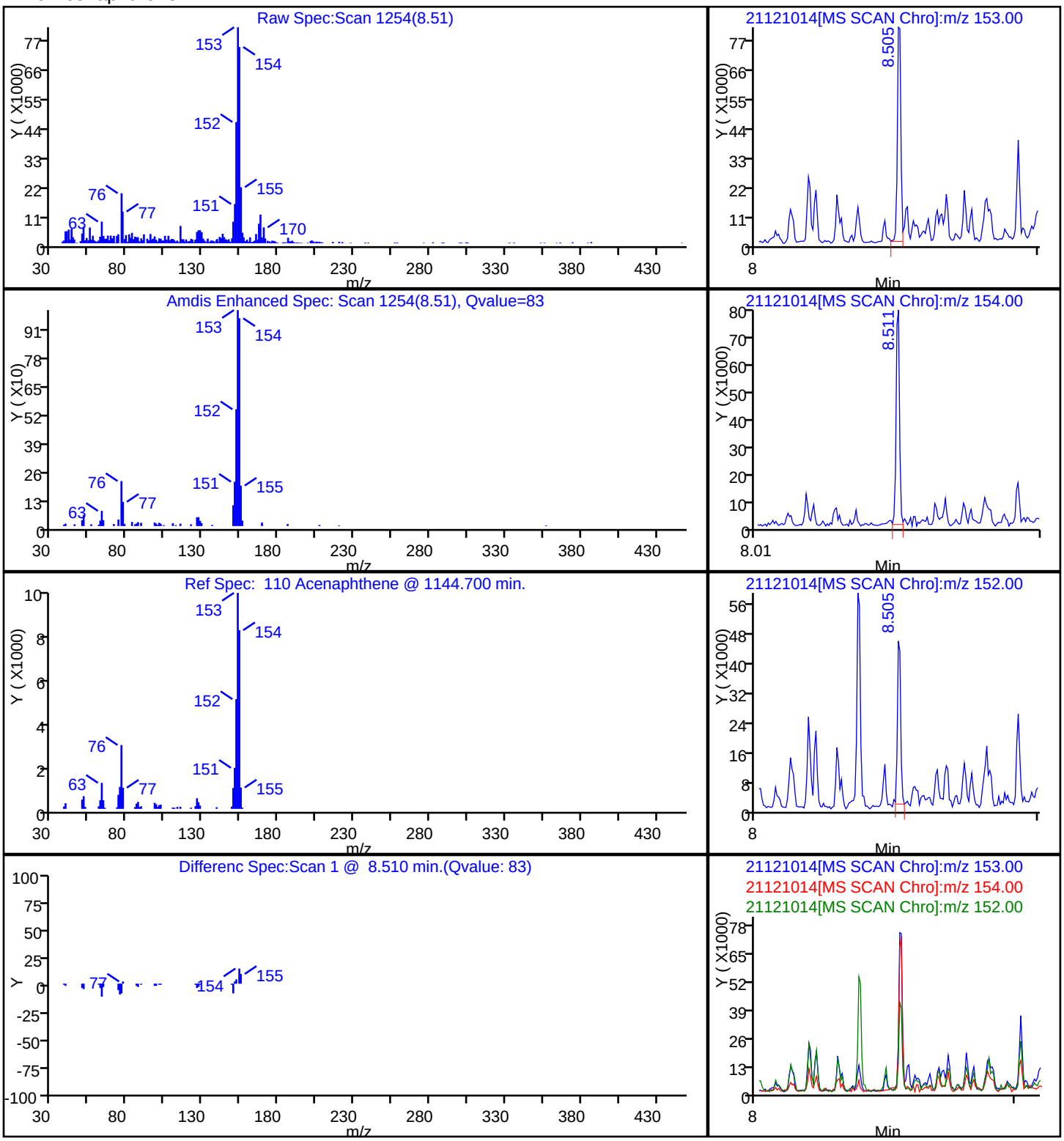
110 Acenaphthene



Report Date: 23-Nov-2012 10:11:13 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

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Operator ID:	001710	Injection Vol:	1.0 ul
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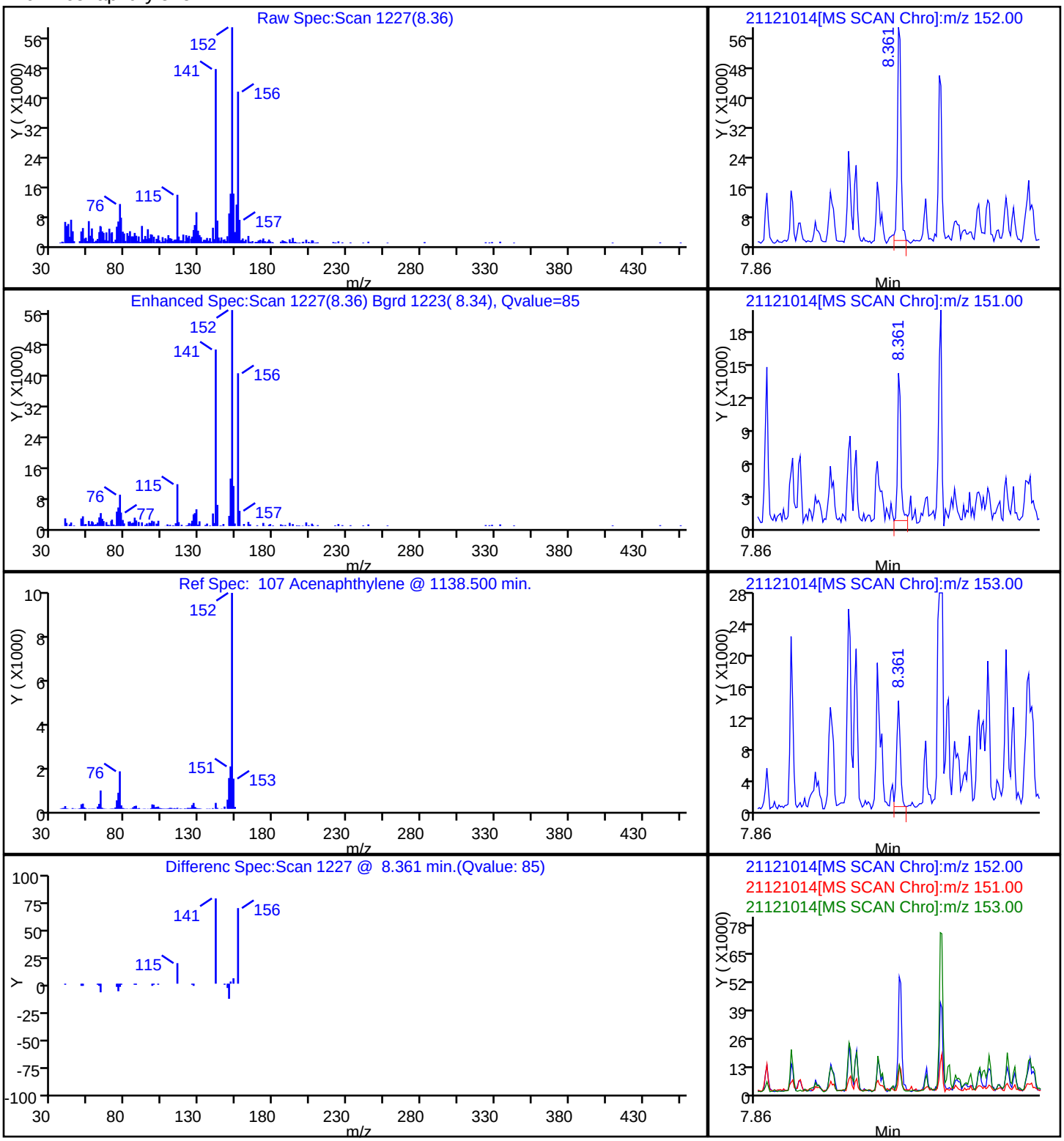
107 Acenaphthylene



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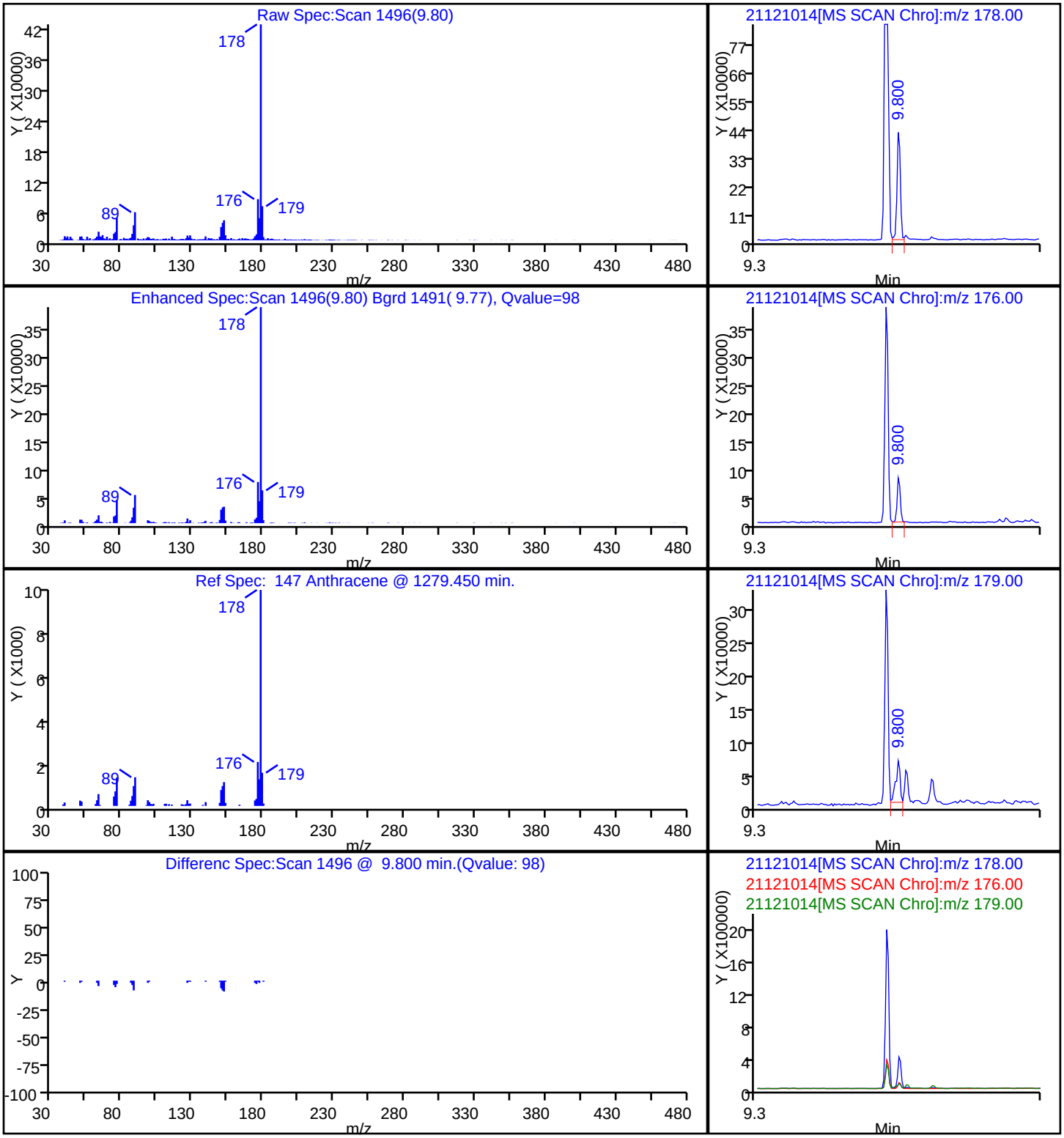
147 Anthracene



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Lims Batch ID:	65876	Lims Sample ID:	14
Operator ID:	001710	Injection Vol:	1.0 ul
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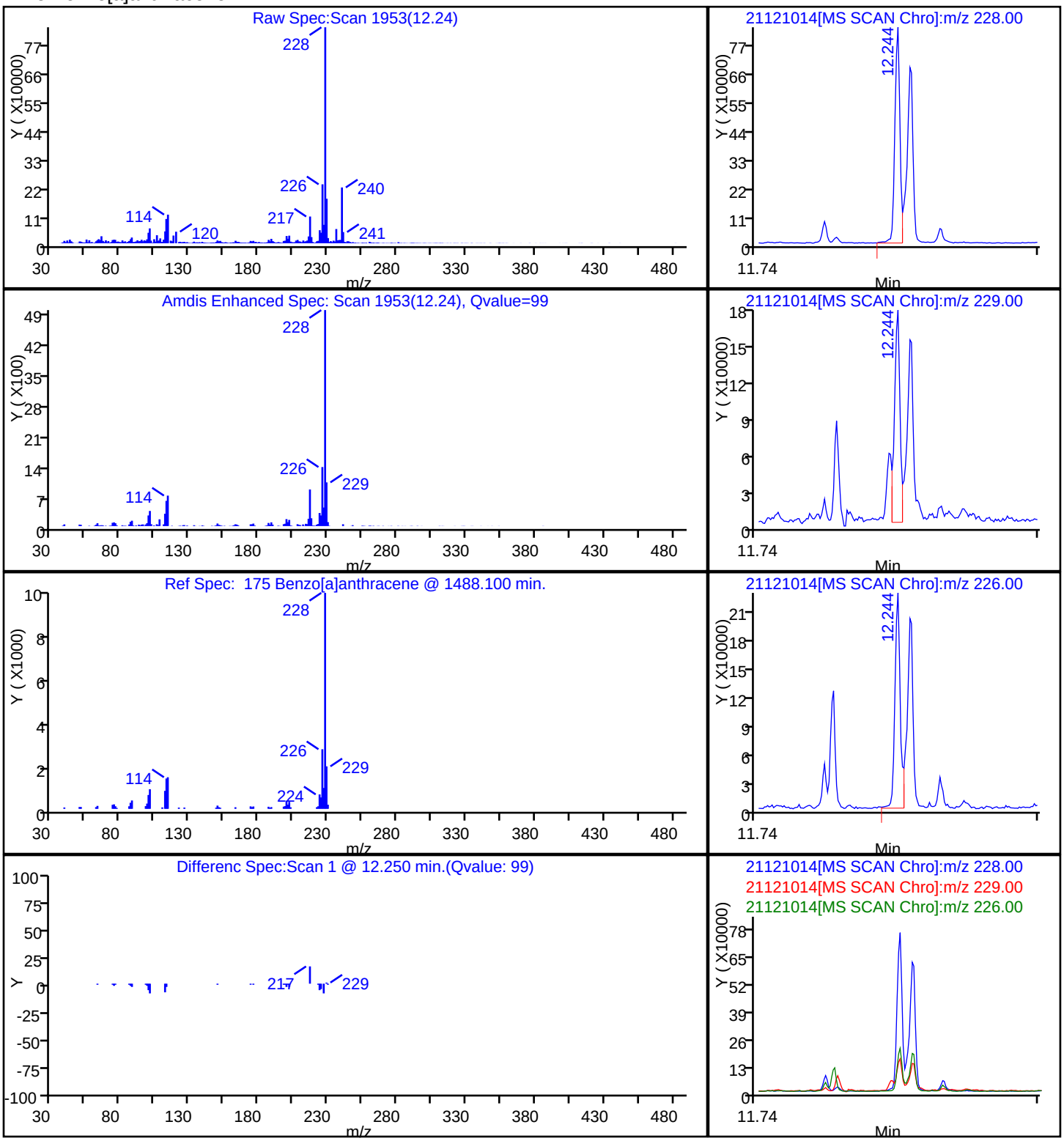
175 Benzo[a]anthracene



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Operator ID:	001710	Injection Vol:	1.0 ul
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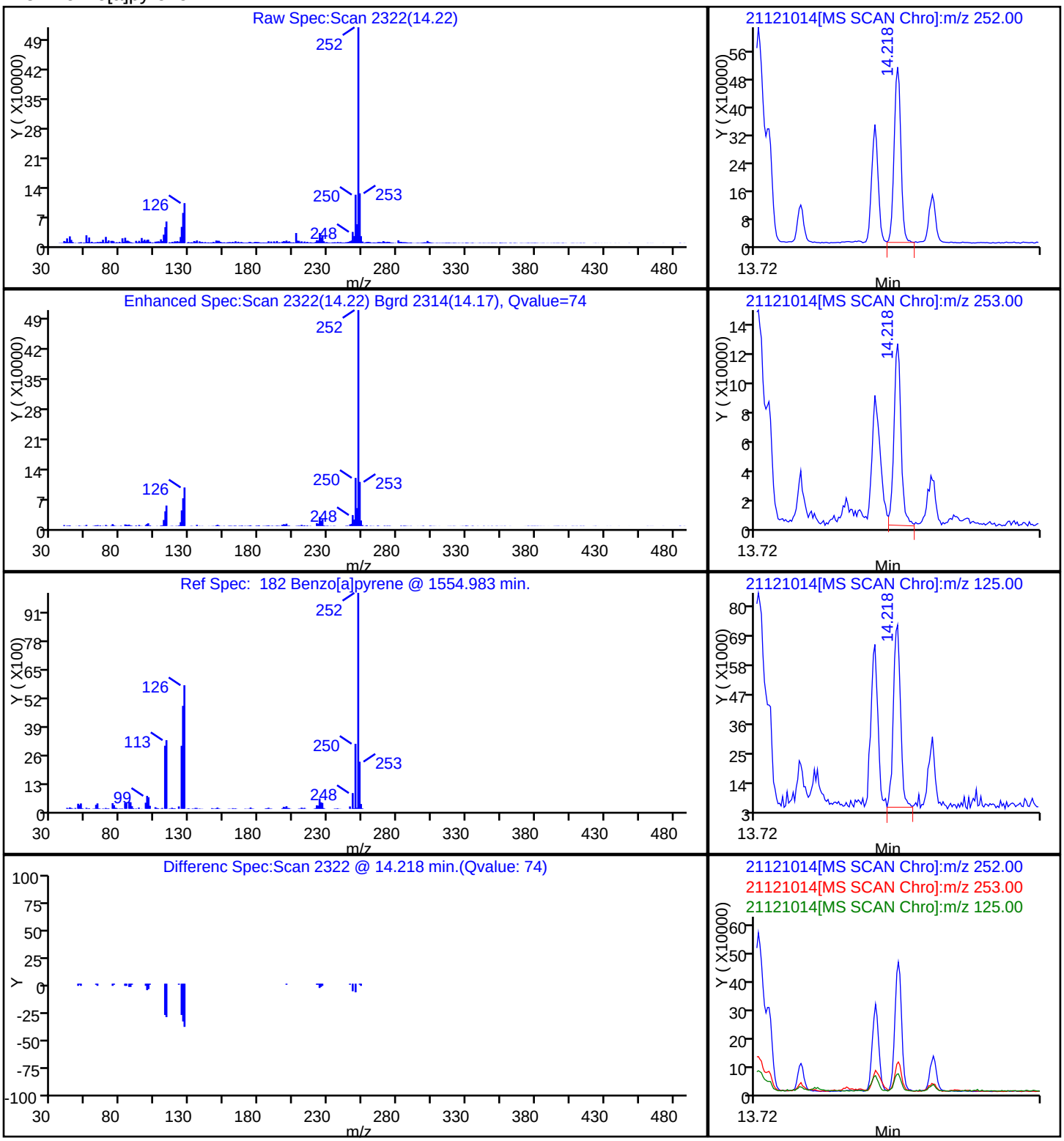
182 Benzo[a]pyrene



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TestAmerica Canton

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Lims Batch ID:	65876	Lims Sample ID:	14
Operator ID:	001710	Injection Vol:	1.0 ul
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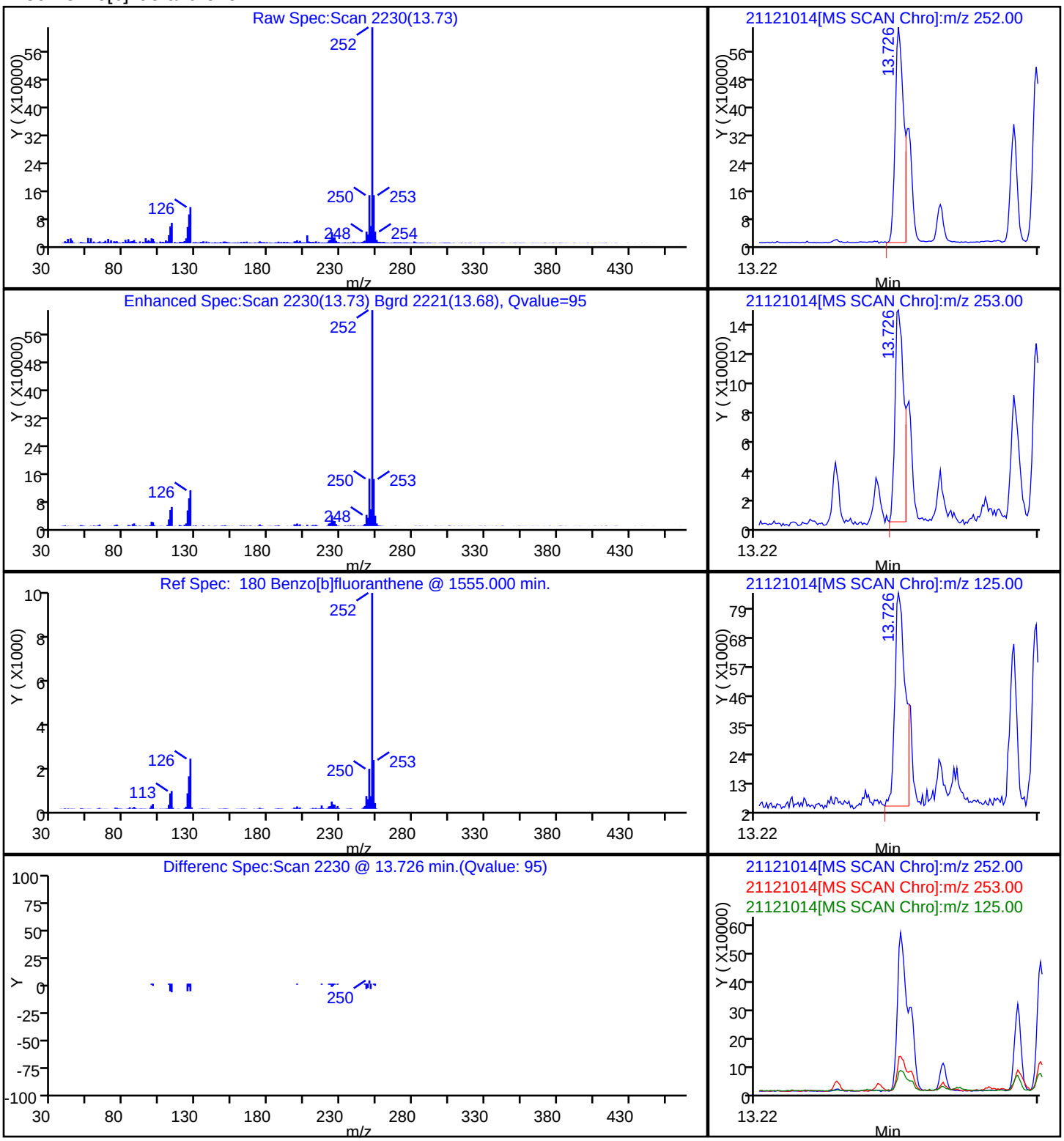
180 Benzo[b]fluoranthene



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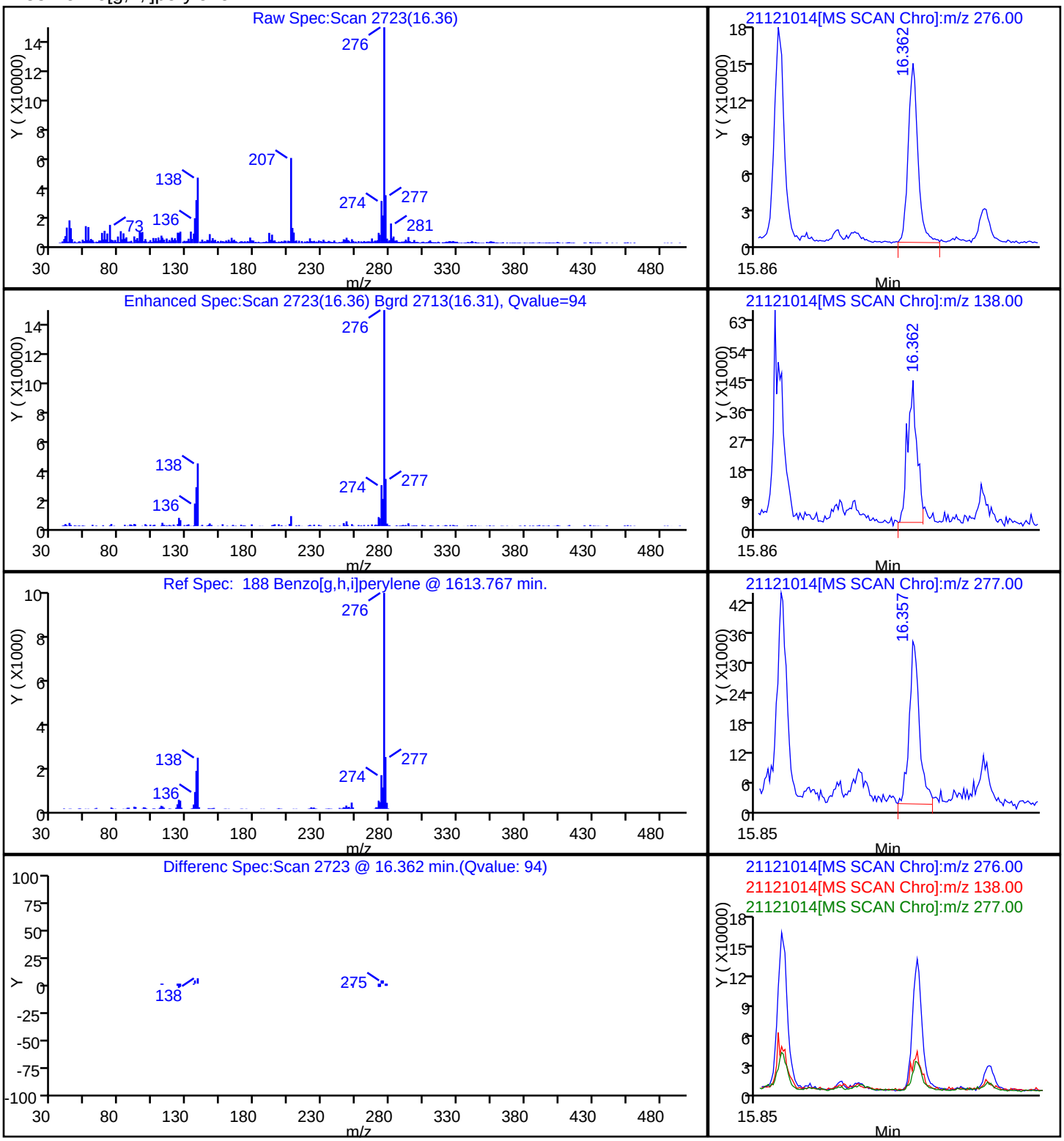
Lims Batch ID:	65876	Lims Sample ID:	14
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

188 Benzo[g,h,i]perylene



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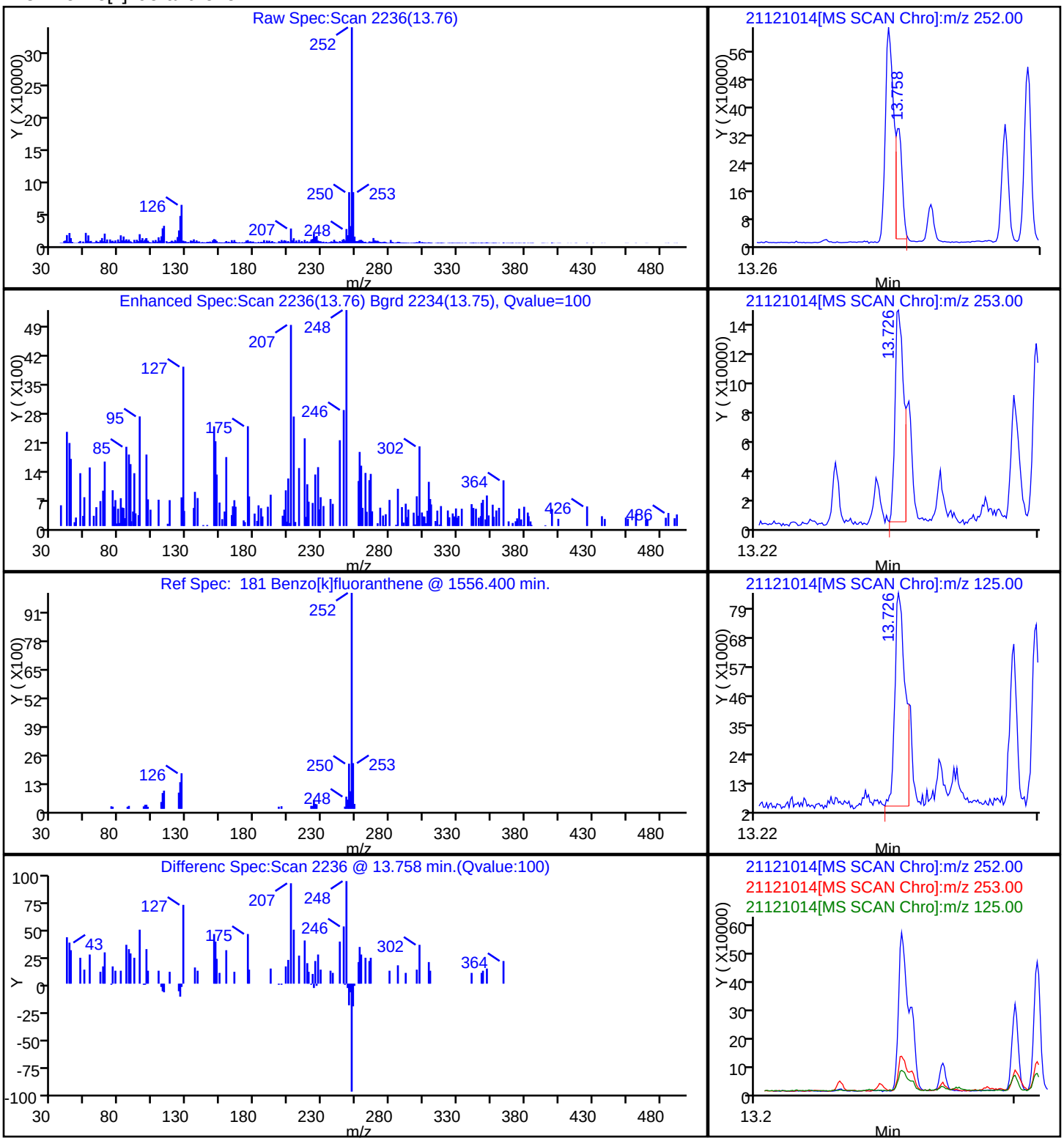
Lims Batch ID:	65876	Lims Sample ID:	14
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

181 Benzo[k]fluoranthene



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Operator ID:	001710	Injection Vol:	1.0 ul
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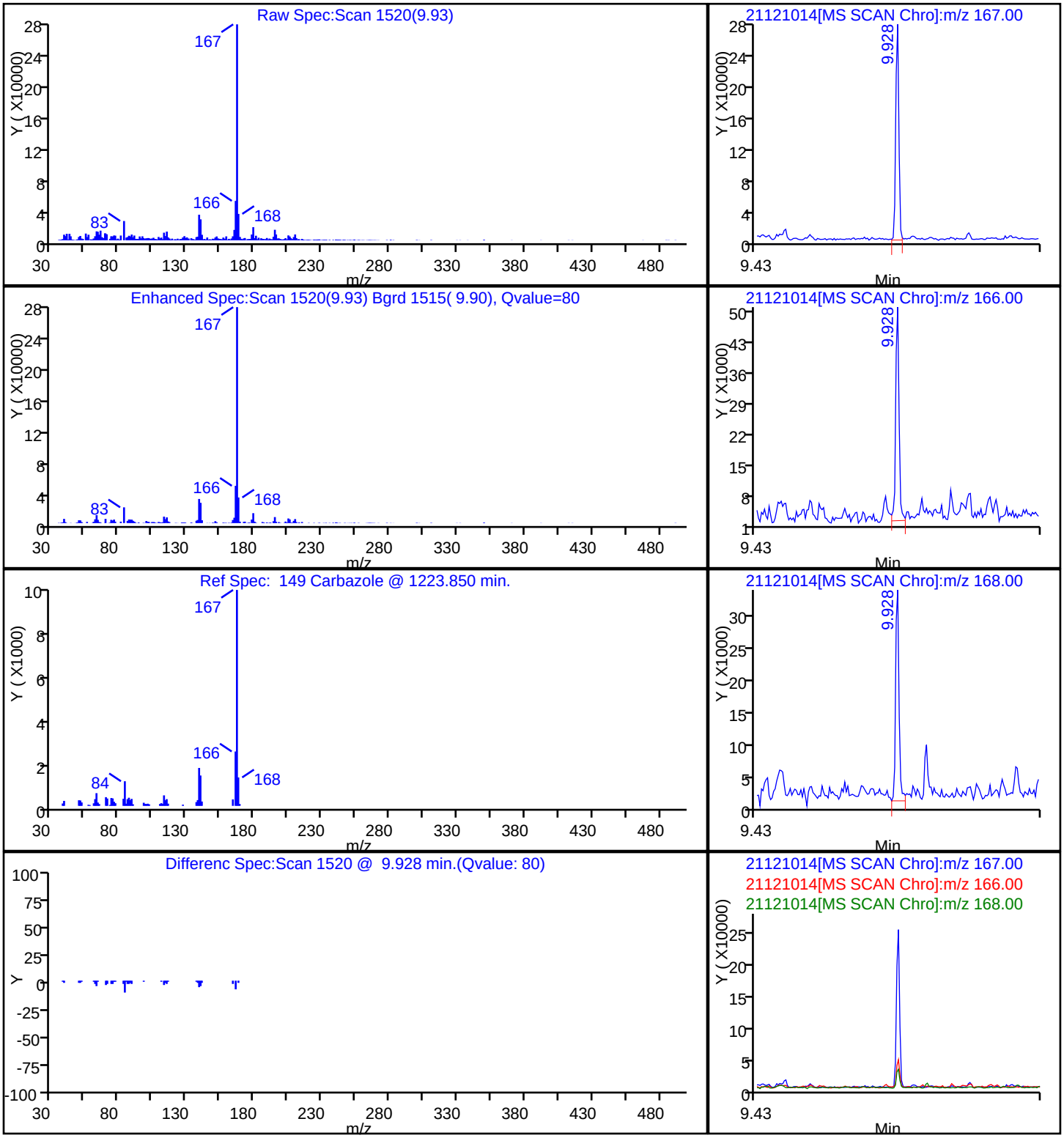
149 Carbazole



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TestAmerica Canton

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Operator ID:	001710	Injection Vol:	1.0 ul
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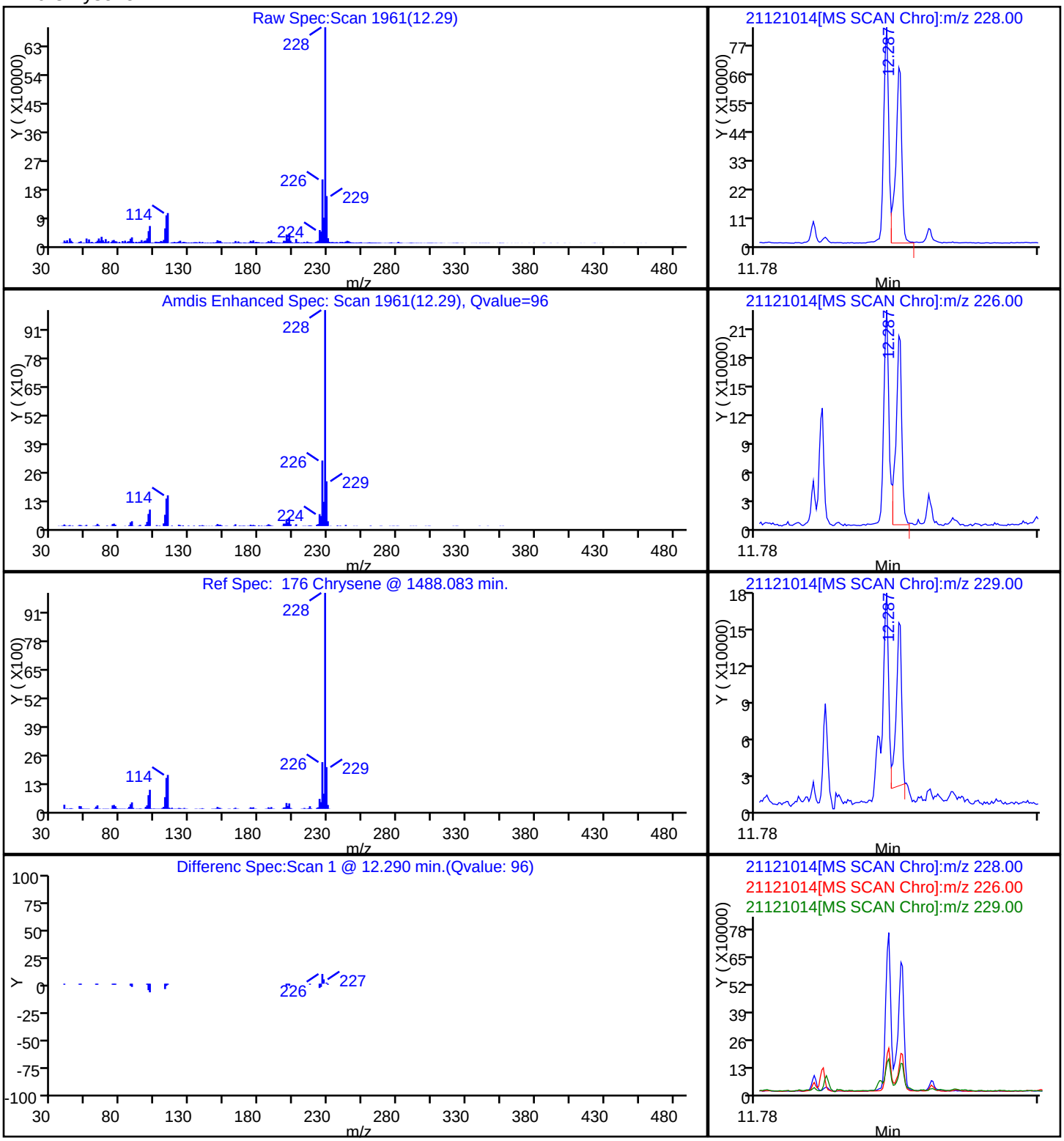
176 Chrysene



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Lims Batch ID:	65876	Lims Sample ID:	14
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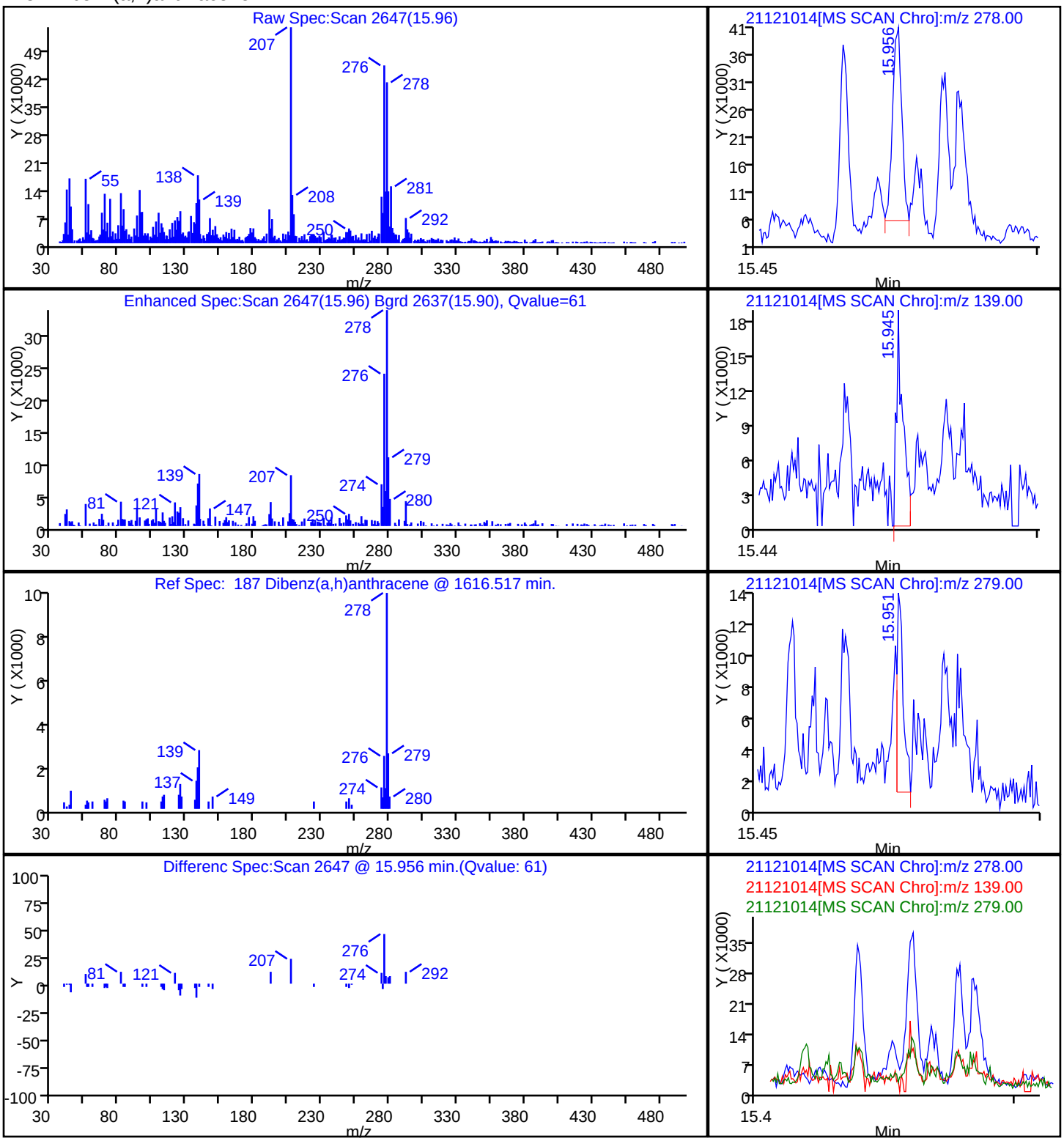
187 Dibenz(a,h)anthracene



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TestAmerica Canton

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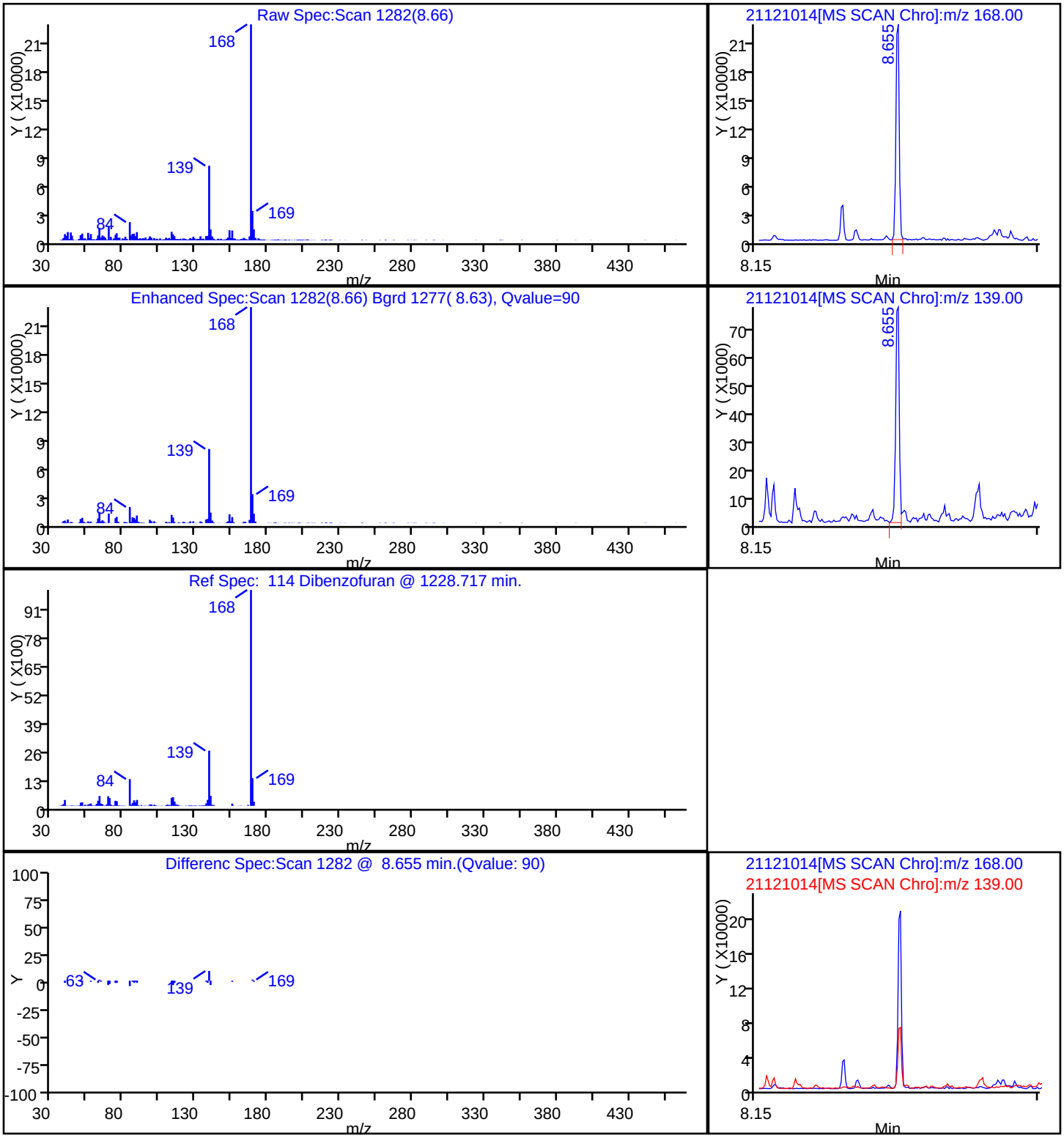
Lims Batch ID:	65876	Lims Sample ID:	14
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

114 Dibenzofuran



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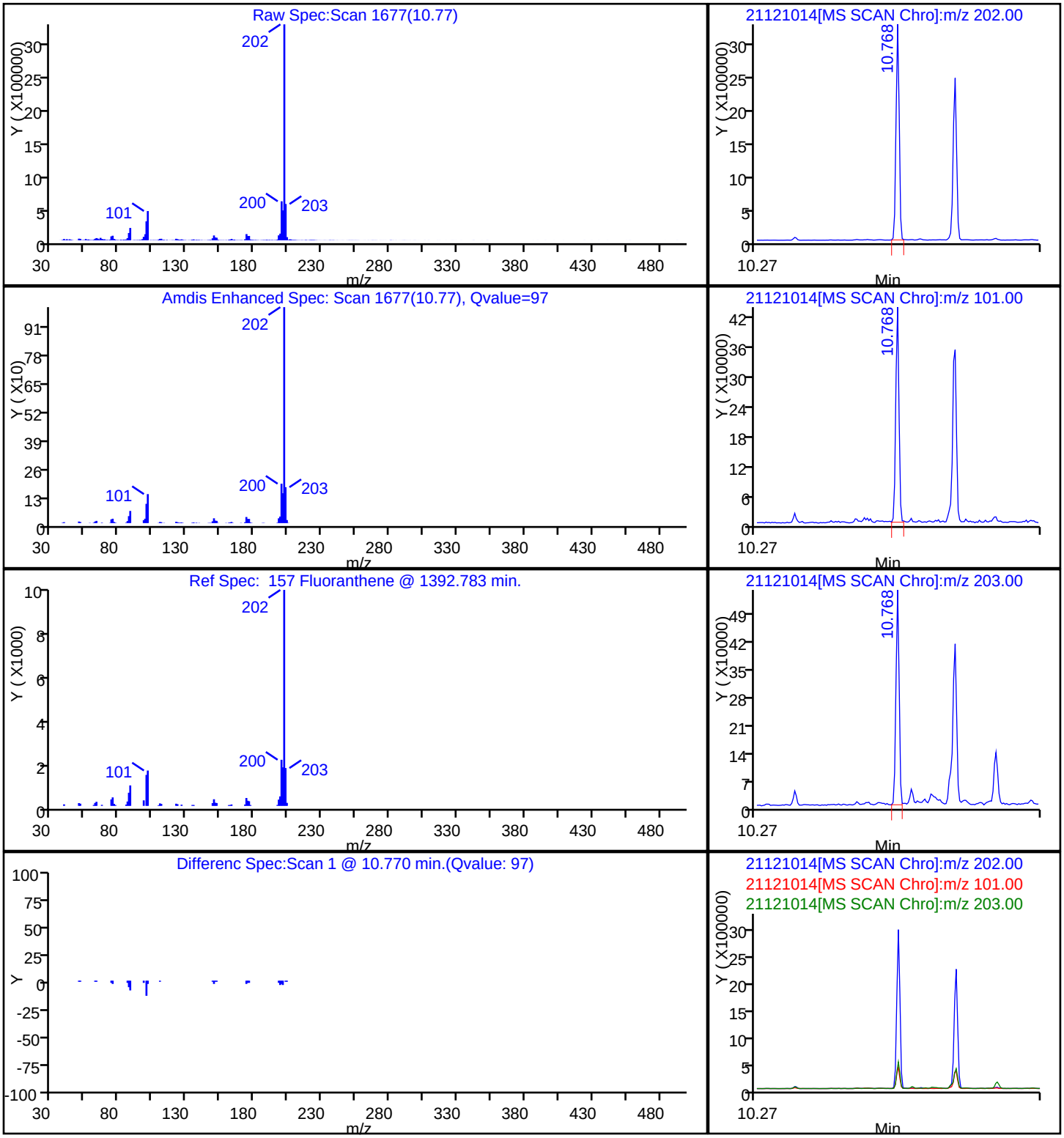
Column Type:	5% phenyl	Column Dia:	0.18 mm

157 Fluoranthene



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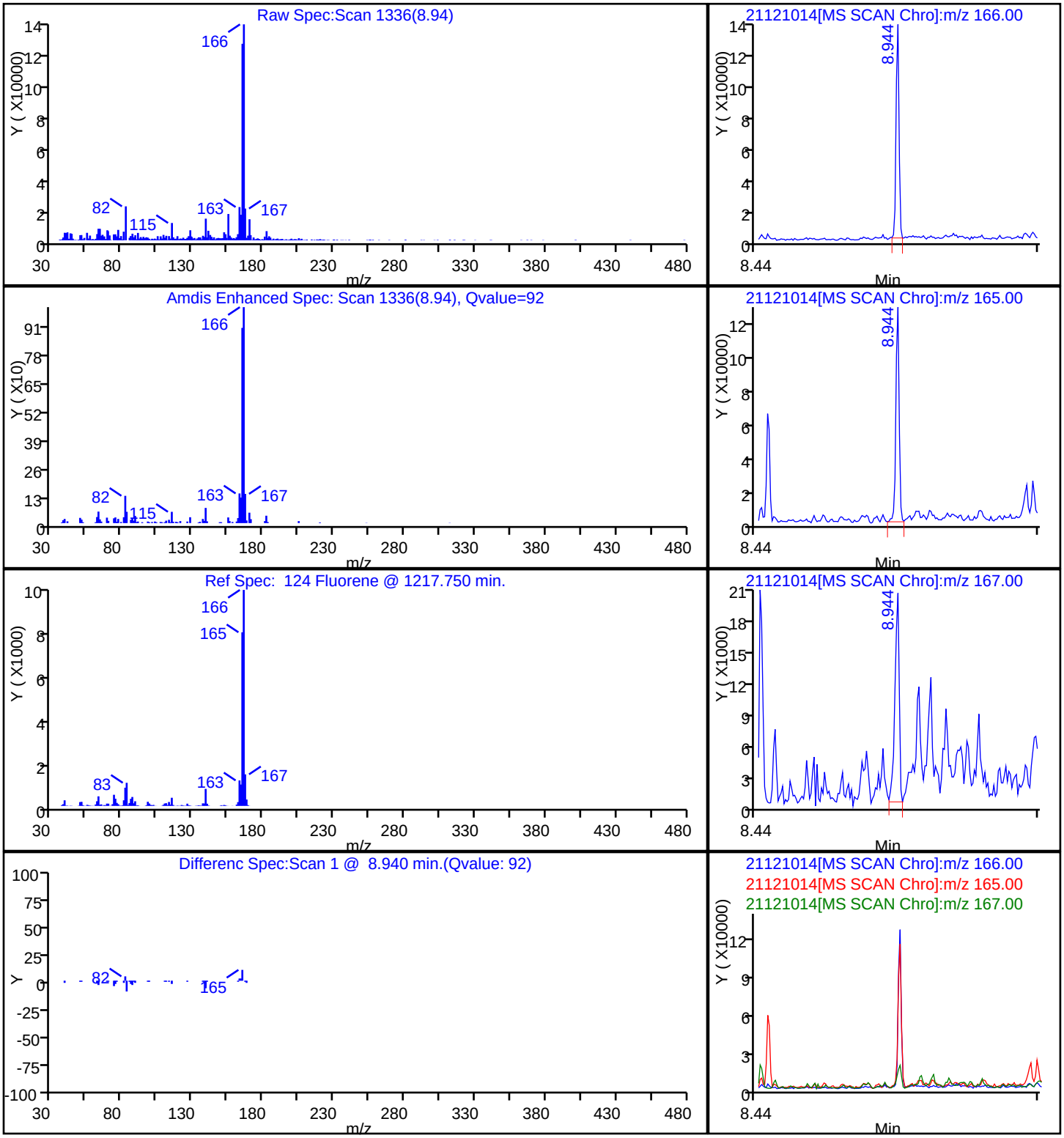
124 Fluorene



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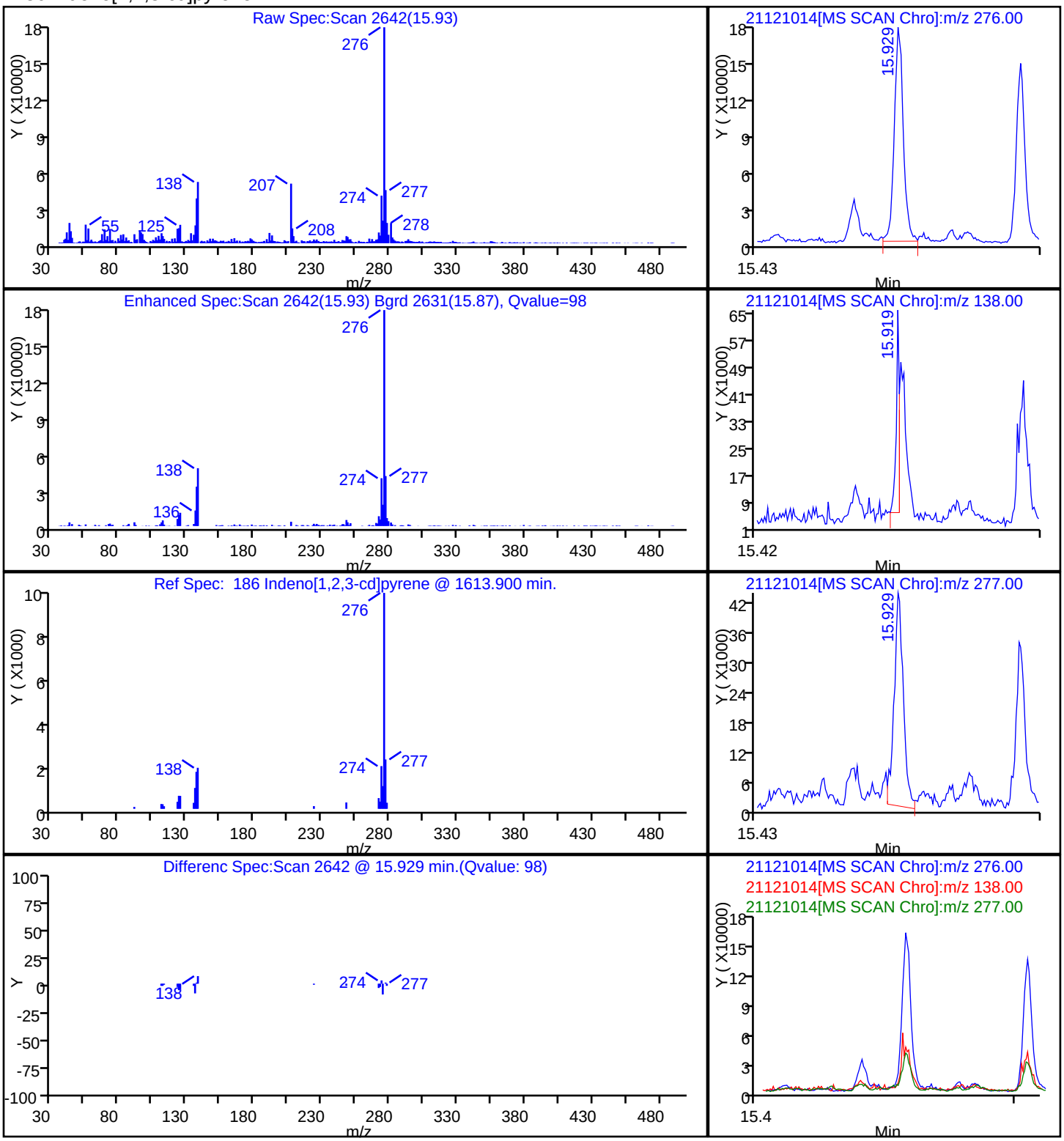
Lims Batch ID:	65876	Lims Sample ID:	14
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

186 Indeno[1,2,3-cd]pyrene



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Operator ID:	001710	Injection Vol:	1.0 ul
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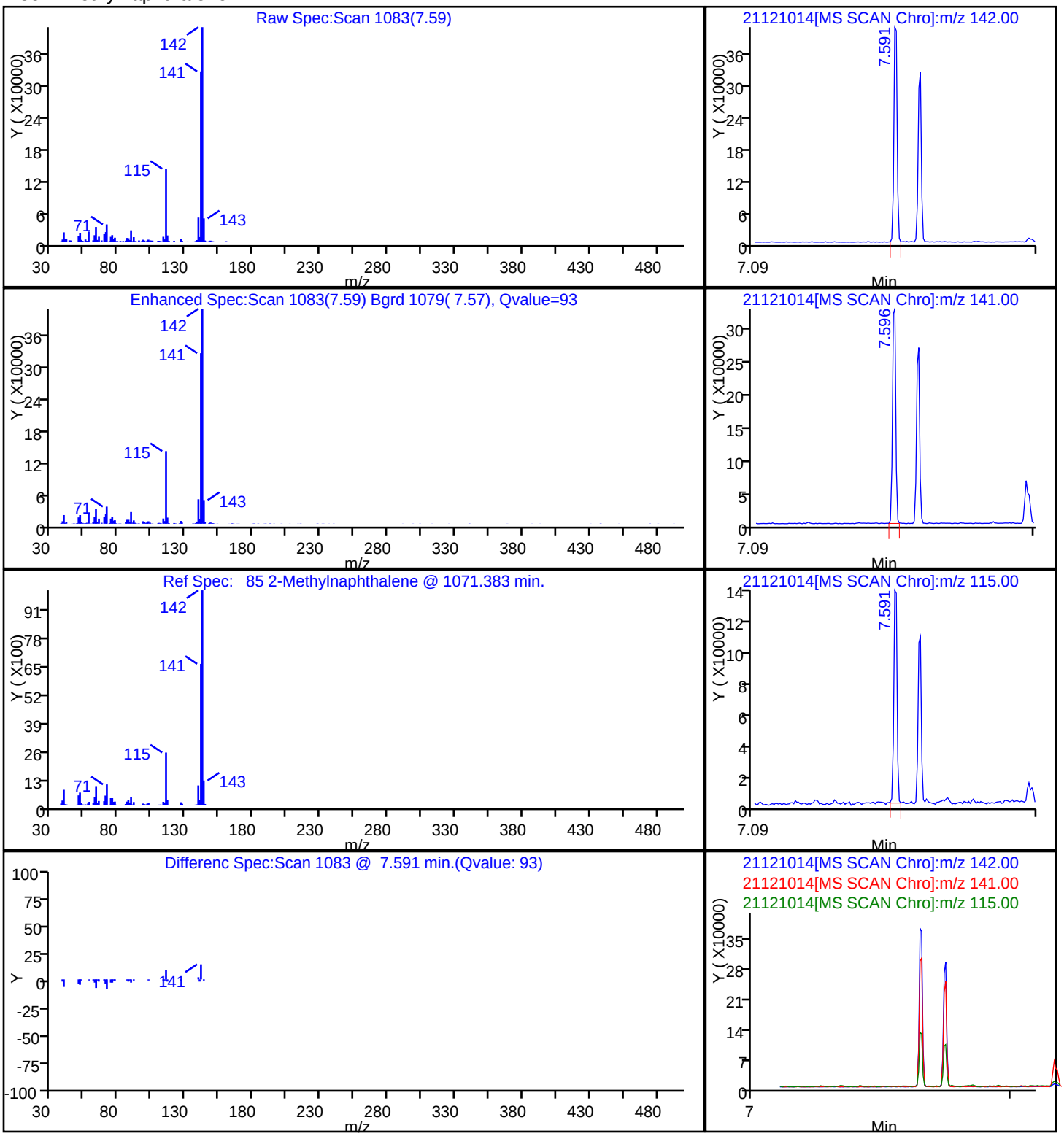
85 2-Methylnaphthalene



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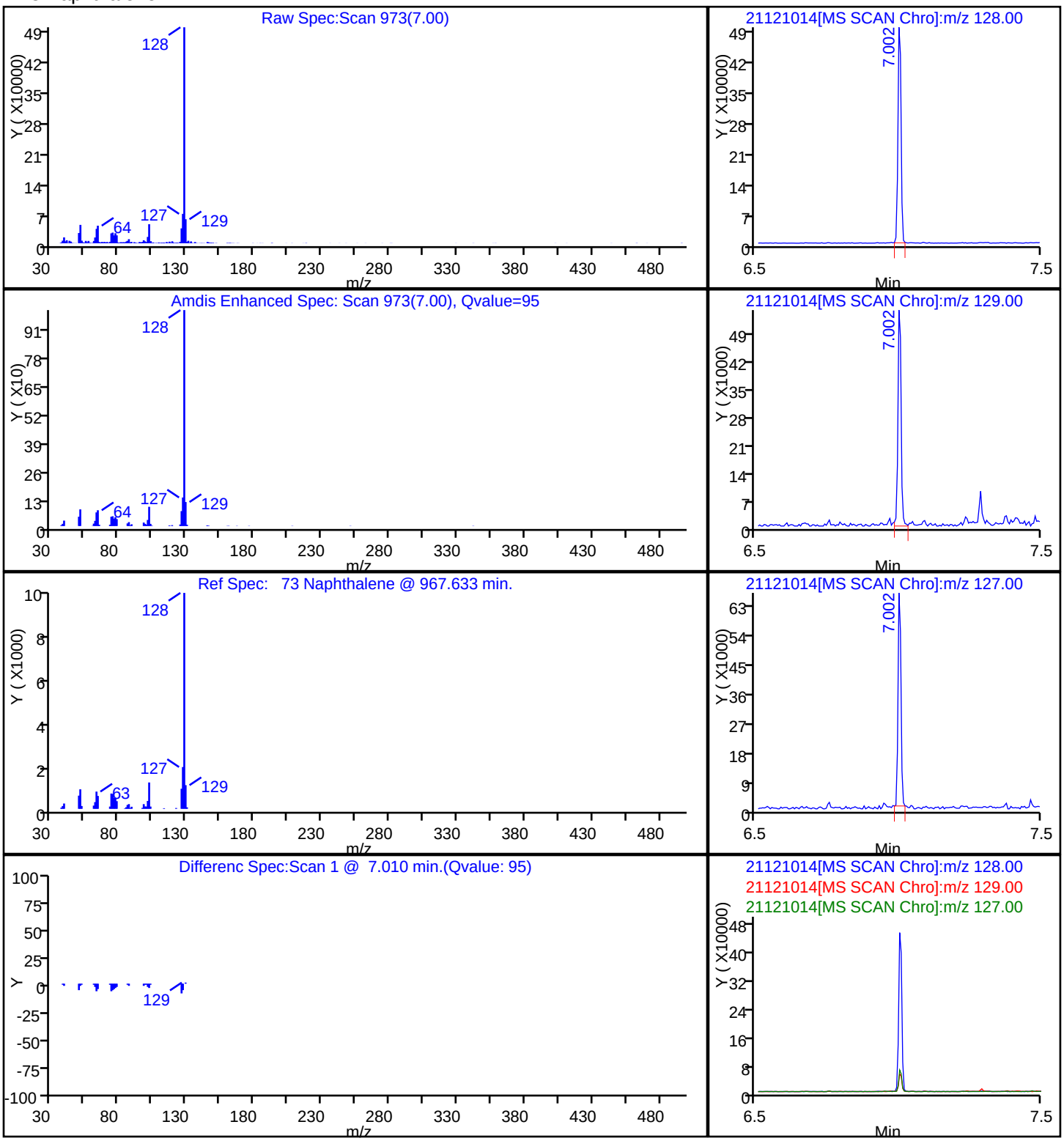
73 Naphthalene



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TestAmerica Canton

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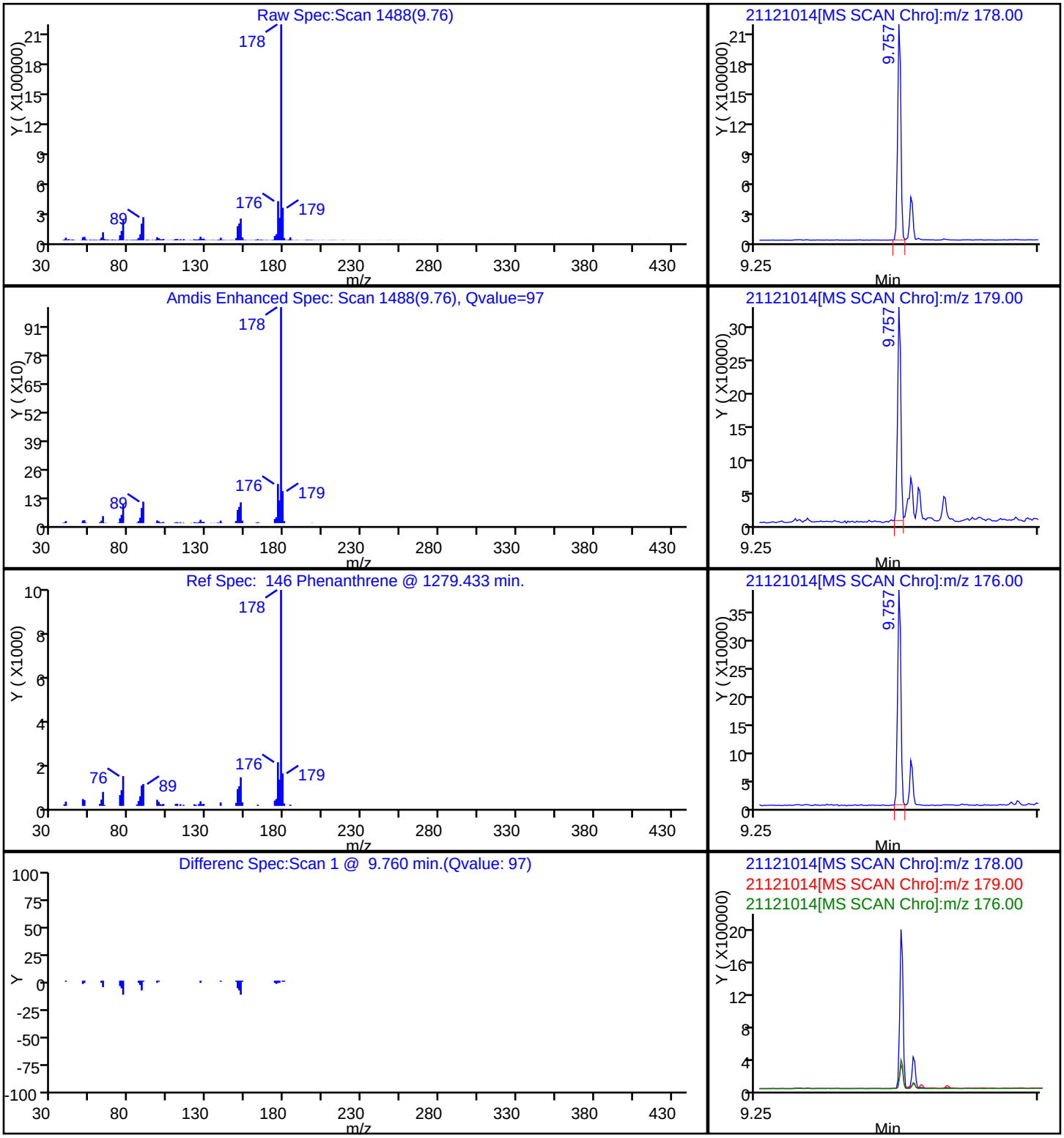
Lims Batch ID:	65876	Lims Sample ID:	14
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

146 Phenanthrene

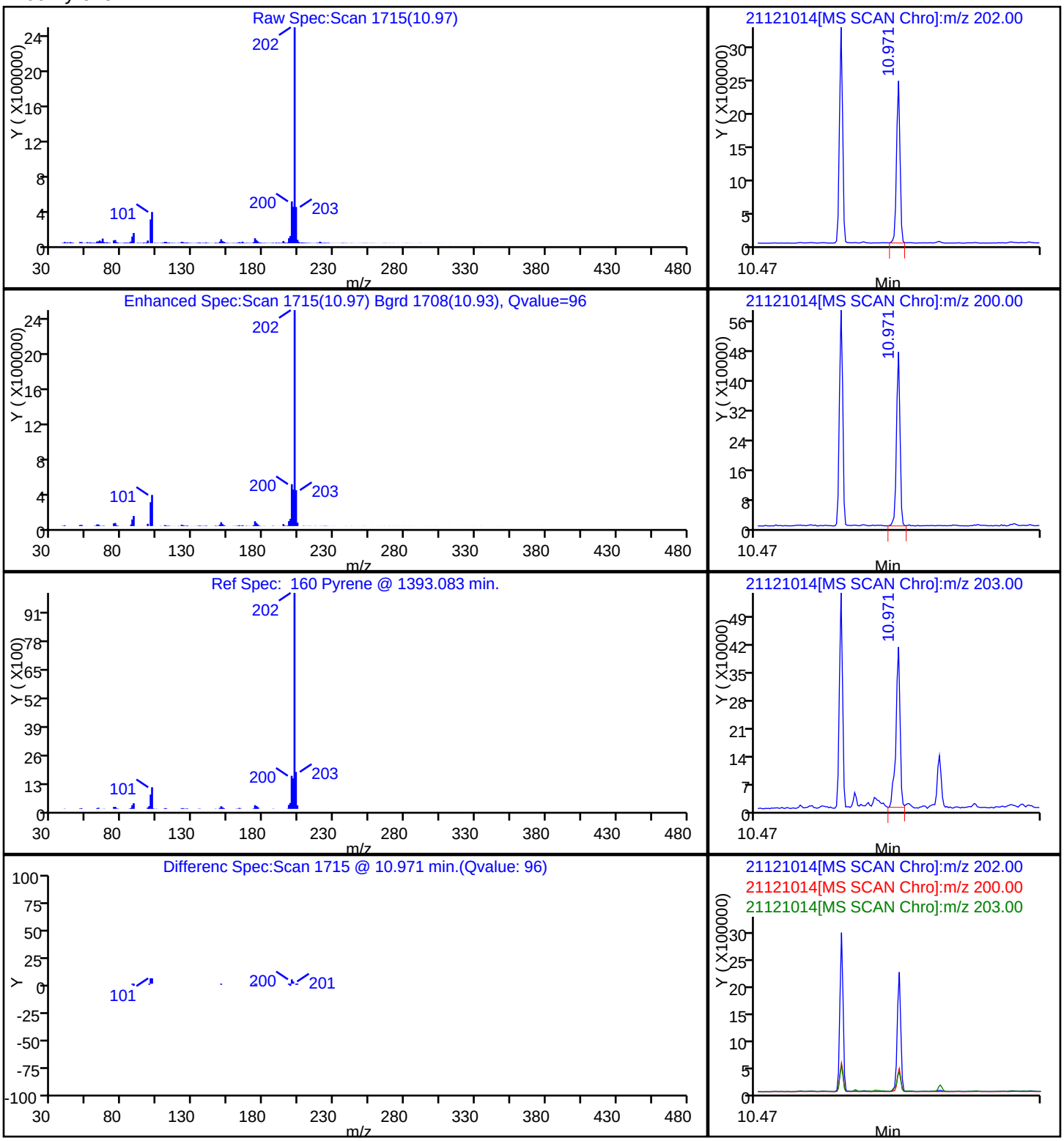


Report Date: 23-Nov-2012 10:11:13 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121014.D		
Injection Date:	21-Nov-2012 16:22:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0006M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	14
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

160 Pyrene



Manual Integration/User Assign Peak Report

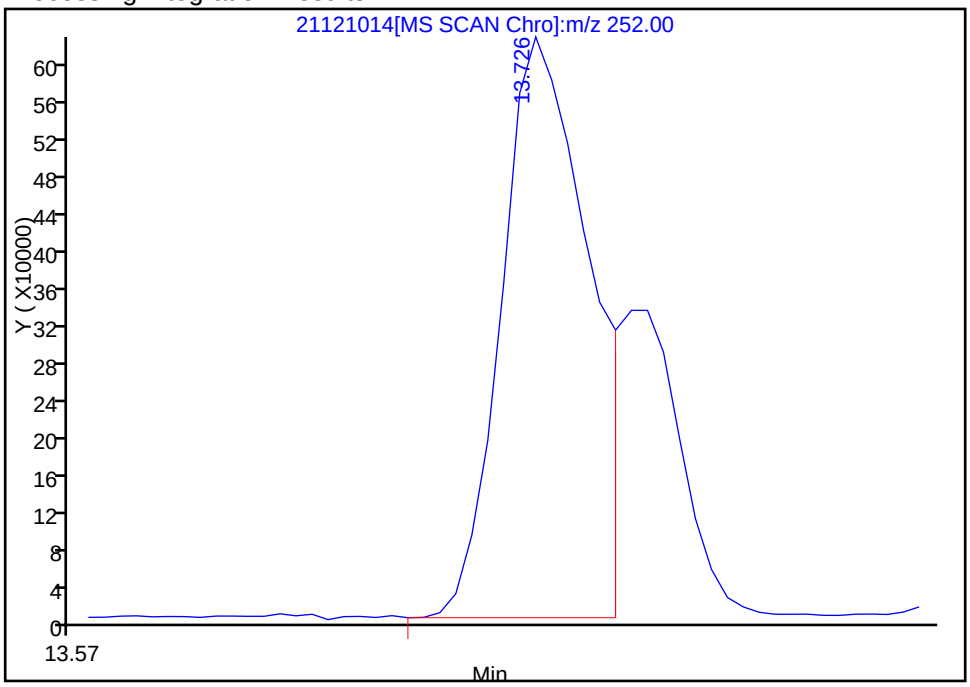
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121014.D		
Injection Date:	21-Nov-2012 16:22:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0006M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	14
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

181 Benzo[k]fluoranthene, Signal: 1, m/z: 252.0 Type: quant, RT: 13.76

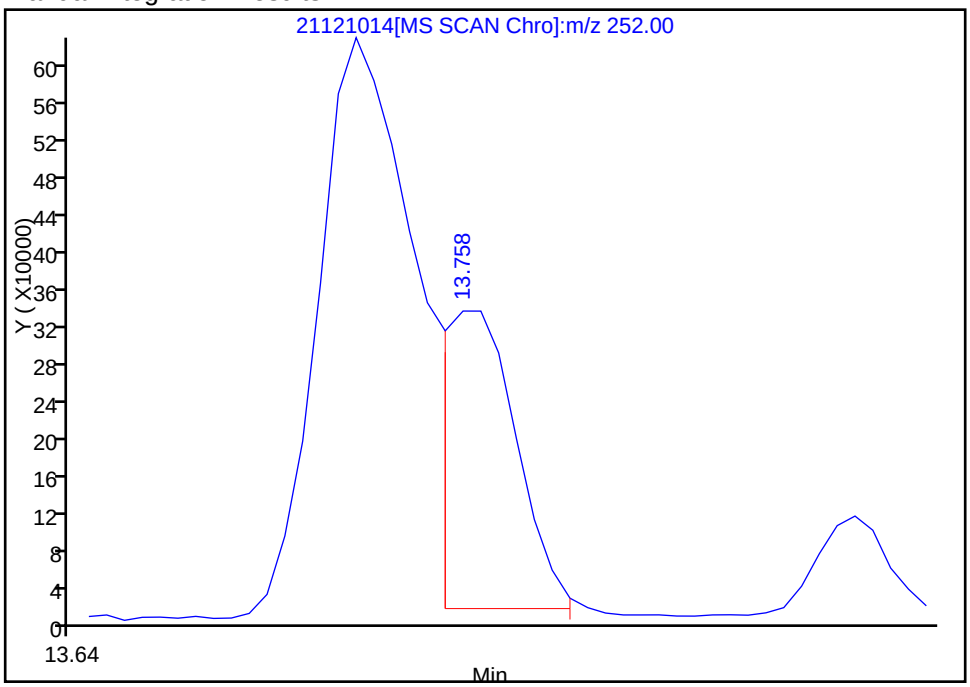
Processing Integration Results

RT: 13.73
Response: 1294763
Amount: 6.388926



Manual Integration Results

RT: 13.76
Response: 498320
Amount: 2.458928



Reviewer: gruberj, 23-Nov-2012 09:55:02
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: 068SS-0001M-0001-SO | Lab Sample ID: 240-17317-5

Matrix: Solid | Lab File ID: 21121010.D

Analysis Method: 8270C/DoD | Date Collected: 11/06/2012 12:40

Extract. Method: 3540C | Date Extracted: 11/16/2012 11:46

Sample wt/vol: 30.15(g) | Date Analyzed: 11/21/2012 14:48

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 65876 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	5.6	J	6.6	3.3	3.3
208-96-8	Acenaphthylene	20		6.6	3.3	3.3
120-12-7	Anthracene	39		6.6	3.3	3.3
56-55-3	Benzo[a]anthracene	170		6.6	3.3	3.3
50-32-8	Benzo[a]pyrene	150		6.6	3.3	3.3
205-99-2	Benzo[b]fluoranthene	300		6.6	3.3	3.3
191-24-2	Benzo[g,h,i]perylene	78		6.6	3.3	3.3
65-85-0	Benzoic acid	330	U	660	330	330
207-08-9	Benzo[k]fluoranthene	79	M	6.6	3.3	3.3
100-51-6	Benzyl alcohol	27	U	330	27	21
111-91-1	Bis(2-chloroethoxy)methane	27	U	100	27	22
111-44-4	Bis(2-chloroethyl)ether	3.3	U	100	3.3	2.0
108-60-1	bis (2-chloroisopropyl) ether	27	U	100	27	9.5
117-81-7	Bis(2-ethylhexyl) phthalate	47	J	50	27	19
101-55-3	4-Bromophenyl phenyl ether	27	U	50	27	13
85-68-7	Butyl benzyl phthalate	27	U	50	27	10
86-74-8	Carbazole	27	U	50	27	27
106-47-8	4-Chloroaniline	27	U	150	27	17
59-50-7	4-Chloro-3-methylphenol	27	U	150	27	21
91-58-7	2-Chloronaphthalene	3.3	U	50	3.3	3.3
95-57-8	2-Chlorophenol	27	U	50	27	27
7005-72-3	4-Chlorophenyl phenyl ether	27	U	50	27	13
218-01-9	Chrysene	220		6.6	3.3	1.1
53-70-3	Dibenz(a,h)anthracene	32		6.6	3.3	3.3
132-64-9	Dibenzofuran	9.6	J	50	3.3	3.3
106-46-7	1,4-Dichlorobenzene	27	U	50	27	20
95-50-1	1,2-Dichlorobenzene	27	U	50	27	9.7
541-73-1	1,3-Dichlorobenzene	27	U	50	27	11
91-94-1	3,3'-Dichlorobenzidine	80	U	100	80	18
120-83-2	2,4-Dichlorophenol	27	U	150	27	20
84-66-2	Diethyl phthalate	26	J	50	27	16
105-67-9	2,4-Dimethylphenol	80	U	150	80	20
131-11-3	Dimethyl phthalate	27	U	50	27	17
84-74-2	Di-n-butyl phthalate	31	J M	50	27	15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: 068SS-0001M-0001-SO | Lab Sample ID: 240-17317-5

Matrix: Solid | Lab File ID: 21121010.D

Analysis Method: 8270C/DoD | Date Collected: 11/06/2012 12:40

Extract. Method: 3540C | Date Extracted: 11/16/2012 11:46

Sample wt/vol: 30.15(g) | Date Analyzed: 11/21/2012 14:48

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 65876 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	80	U	150	80	80
51-28-5	2,4-Dinitrophenol	80	U	330	80	80
121-14-2	2,4-Dinitrotoluene	27	U	200	27	27
606-20-2	2,6-Dinitrotoluene	27	U	200	27	21
117-84-0	Di-n-octyl phthalate	27	U	50	27	27
206-44-0	Fluoranthene	260		6.6	3.3	3.3
86-73-7	Fluorene	7.9		6.6	3.3	3.3
118-74-1	Hexachlorobenzene	3.3	U	6.6	3.3	2.1
87-68-3	Hexachlorobutadiene	27	U	50	27	27
77-47-4	Hexachlorocyclopentadiene	27	U	330	27	27
67-72-1	Hexachloroethane	27	U	50	27	9.0
193-39-5	Indeno[1,2,3-cd]pyrene	76		6.6	3.3	3.3
78-59-1	Isophorone	22	J	50	27	13
91-57-6	2-Methylnaphthalene	18		6.6	3.3	3.3
95-48-7	2-Methylphenol	80	U	200	80	80
15831-10-4	3 & 4 Methylphenol	80	U	400	80	20
91-20-3	Naphthalene	14		6.6	3.3	3.3
88-74-4	2-Nitroaniline	27	U	200	27	9.1
99-09-2	3-Nitroaniline	80	U	200	80	16
100-01-6	4-Nitroaniline	27	U	200	27	26
98-95-3	Nitrobenzene	3.3	U	100	3.3	2.2
88-75-5	2-Nitrophenol	27	U	50	27	27
100-02-7	4-Nitrophenol	80	U	330	80	80
621-64-7	N-Nitrosodi-n-propylamine	27	U	50	27	27
86-30-6	N-Nitrosodiphenylamine	27	U	50	27	21
87-86-5	Pentachlorophenol	80	U	150	80	80
85-01-8	Phenanthrene	76		6.6	3.3	3.3
108-95-2	Phenol	27	U	50	27	27
129-00-0	Pyrene	200		6.6	3.3	3.3
120-82-1	1,2,4-Trichlorobenzene	27	U	50	27	27
95-95-4	2,4,5-Trichlorophenol	27	U	150	27	25
88-06-2	2,4,6-Trichlorophenol	80	U	150	80	80

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: 068SS-0001M-0001-SO | Lab Sample ID: 240-17317-5

Matrix: Solid | Lab File ID: 21121010.D

Analysis Method: 8270C/DoD | Date Collected: 11/06/2012 12:40

Extract. Method: 3540C | Date Extracted: 11/16/2012 11:46

Sample wt/vol: 30.15(g) | Date Analyzed: 11/21/2012 14:48

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 65876 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	61		45-105
367-12-4	2-Fluorophenol (Surr)	66		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	59		35-100
1718-51-0	Terphenyl-d14 (Surr)	71		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	79		35-125
4165-62-2	Phenol-d5 (Surr)	68		40-100

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121010.D		
Lims ID:	240-17317-A-5-D	Client ID:	068SS-0001M-0001-SO
Inject. Date:	21-Nov-2012 14:48:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0015157-010		
Misc. Info.:	240-17317-a-5-d		
Operator:	001710	Instrument ID:	A4HP7
Injection Vol:	1.0 ul	ALS Bottle#:	10
Lims Batch ID:	65876	Lims Sample ID:	10
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP7\20121121-15157.b\8270_hp7.m		
Last Update:	23-Nov-2012 10:11:01	Calib Date:	14-Nov-2012 18:19:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP7\20121114-14953.b\21114010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK037		

First Level Reviewer: gruberj Date: 21-Nov-2012 16:01:06

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.879	5.863	0.016	95	154785	4.00	
* 2 Naphthalene-d8	136	6.992	6.986	0.006	98	610337	4.00	
* 3 Acenaphthene-d10	164	8.478	8.479	-0.001	91	350571	4.00	
* 4 Phenanthrene-d10	188	9.741	9.736	0.005	97	610829	4.00	
* 5 Chrysene-d12	240	12.255	12.255	0.0	98	672628	4.00	
* 6 Perylene-d12	264	14.303	14.298	0.005	93	573860	4.00	
$ 7 2-Fluorophenol	112	4.729	4.595	0.134	91	476944	9.97	
$ 8 Phenol-d5	99	5.531	5.510	0.021	96	615304	10.1	
$ 9 Nitrobenzene-d5	82	6.366	6.355	0.011	84	319227	5.95	
$ 10 2-Fluorobiphenyl (Surr)	172	7.895	7.896	-0.001	99	697848	6.14	
$ 11 2,4,6-Tribromophenol	330	9.147	9.147	0.0	90	172668	11.9	
$ 12 Terphenyl-d14	244	11.083	11.083	0.0	98	885227	7.11	
41 Phenol	94		5.521					9
44 Bis(2-chloroethyl)ether	93		5.617					
46 2-Chlorophenol	128		5.671					9
47 1,3-Dichlorobenzene	146		5.815					9
48 1,4-Dichlorobenzene	146		5.879					9
49 Benzyl alcohol	108		5.981					9
50 1,2-Dichlorobenzene	146		6.018					
51 2-Methylphenol	108		6.072					9
52 2,2'-oxybis[1-chloropropane]	45		6.098					
191 3 & 4 Methylphenol	108		6.200					9
56 N-Nitrosodi-n-propylamine	70		6.211					9
60 Hexachloroethane	117		6.323					9
61 Nitrobenzene	77		6.371					9
63 Isophorone	82	6.580	6.574	0.006	76	32604	0.3349	
65 2-Nitrophenol	139		6.649					9
64 2,4-Dimethylphenol	107		6.671					9
69 Benzoic acid	122		6.735					
68 Bis(2-chloroethoxy)methane	93		6.756					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
71 2,4-Dichlorophenol	162		6.853					9
72 1,2,4-Trichlorobenzene	180		6.933					
73 Naphthalene	128	7.008	7.002	0.006	60	32918	0.2158	
74 4-Chloroaniline	127		7.040					9
77 Hexachlorobutadiene	225		7.104					
84 4-Chloro-3-methylphenol	107		7.436					
85 2-Methylnaphthalene	142	7.596	7.596	0.0	82	27048	0.2773	
88 Hexachlorocyclopentadiene	237		7.724					
90 2,4,6-Trichlorophenol	196		7.826					
91 2,4,5-Trichlorophenol	196		7.853					
98 2-Chloronaphthalene	162		8.008					9
100 2-Nitroaniline	65		8.083					9
103 Dimethyl phthalate	163	8.222	8.222	0.0	86	12685	0.1232	
105 2,6-Dinitrotoluene	165		8.281					
107 Acenaphthylene	152	8.366	8.361	0.005	91	49157	0.3074	
108 3-Nitroaniline	138		8.425					9
110 Acenaphthene	153	8.511	8.511	0.0	51	8061	0.0838	
109 2,4-Dinitrophenol	184		8.516					
111 4-Nitrophenol	109		8.548					
112 2,4-Dinitrotoluene	165		8.623					
114 Dibenzofuran	168	8.650	8.655	-0.005	71	20720	0.1452	
119 Diethyl phthalate	149	8.810	8.816	-0.006	67	42360	0.3935	
121 4-Chlorophenyl phenyl ether	204		8.928					
123 4-Nitroaniline	138		8.944					9
124 Fluorene	166	8.944	8.944	0.0	52	13602	0.1187	
126 4,6-Dinitro-2-methylphenol	198		8.965					
130 N-Nitrosodiphenylamine	169		9.024					
137 4-Bromophenyl phenyl ether	248		9.345					
139 Hexachlorobenzene	284		9.409					
141 Pentachlorophenol	266		9.564					9
146 Phenanthrene	178	9.757	9.757	0.0	91	192159	1.15	
147 Anthracene	178	9.800	9.800	0.0	92	96374	0.5813	
149 Carbazole	167	9.928	9.928	0.0	52	50985	0.3166	
151 Di-n-butyl phthalate	149	10.185	10.185	0.0	53	84460	0.4669	M
157 Fluoranthene	202	10.768	10.762	0.006	94	729147	3.96	
160 Pyrene	202	10.971	10.971	0.0	97	648003	3.02	
166 Butyl benzyl phthalate	149		11.549					
173 3,3'-Dichlorobenzidine	252		12.191					
171 Bis(2-ethylhexyl) phthalate	149	12.206	12.207	-0.001	66	63378	0.7042	
175 Benzo[a]anthracene	228	12.239	12.244	-0.005	98	487080	2.59	
176 Chrysene	228	12.287	12.287	0.0	90	597847	3.34	
178 Di-n-octyl phthalate	149		13.100					
180 Benzo[b]fluoranthene	252	13.726	13.726	0.0	93	822568	4.49	
181 Benzo[k]fluoranthene	252	13.758	13.763	-0.005	99	235774	1.19	M
182 Benzo[a]pyrene	252	14.212	14.212	0.0	71	408089	2.30	
186 Indeno[1,2,3-cd]pyrene	276	15.929	15.929	0.0	98	217385	1.15	
187 Dibenz(a,h)anthracene	278	15.956	15.956	0.0	44	56714	0.4875	
188 Benzo[g,h,i]perylene	276	16.357	16.362	-0.005	84	193448	1.18	

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

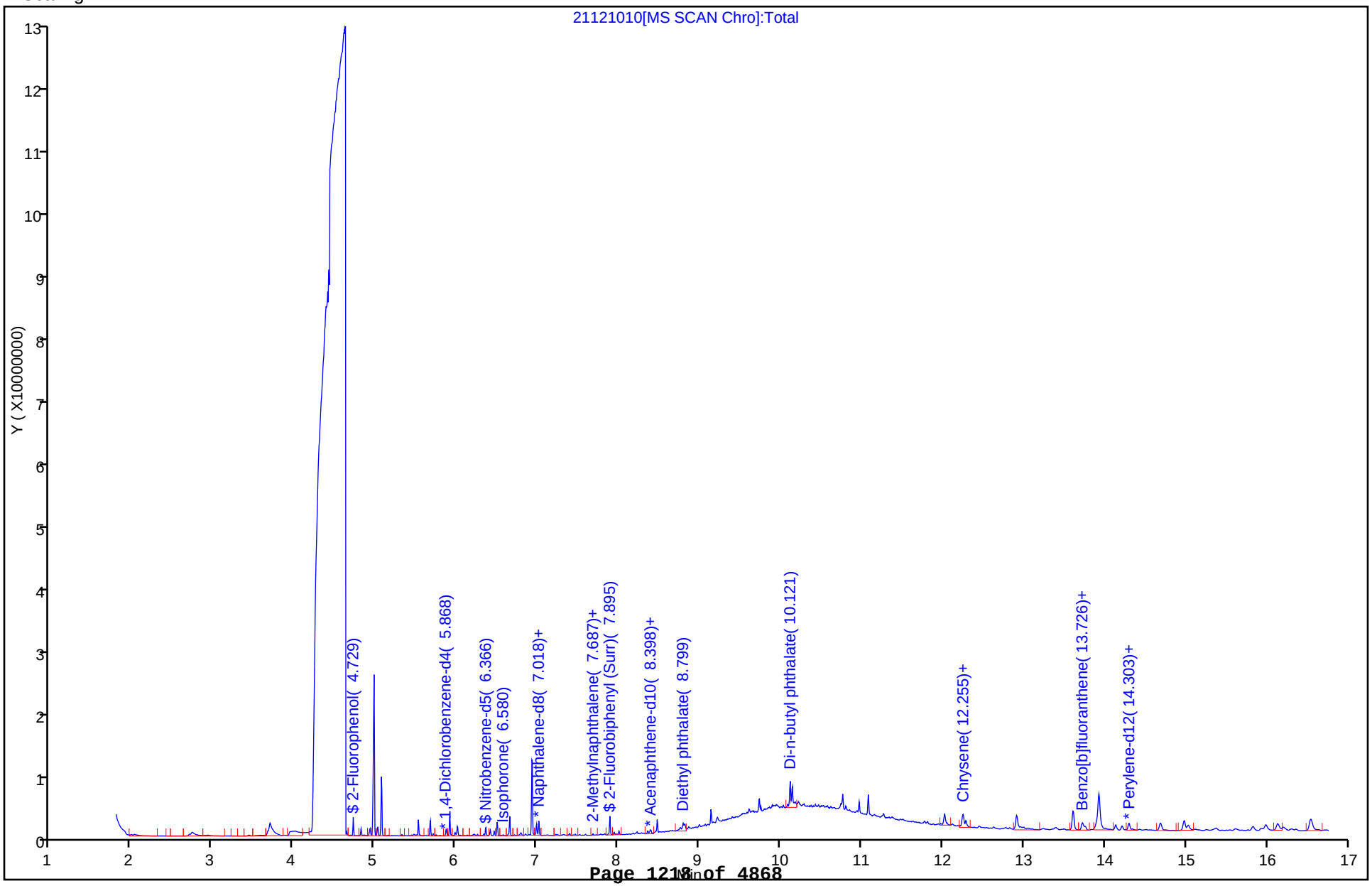
Review Flags
M - Manually Integrated

Report Date: 23-Nov-2012 10:11:18 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121010.D		
Injection Date:	21-Nov-2012 14:48:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0001M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	10
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:

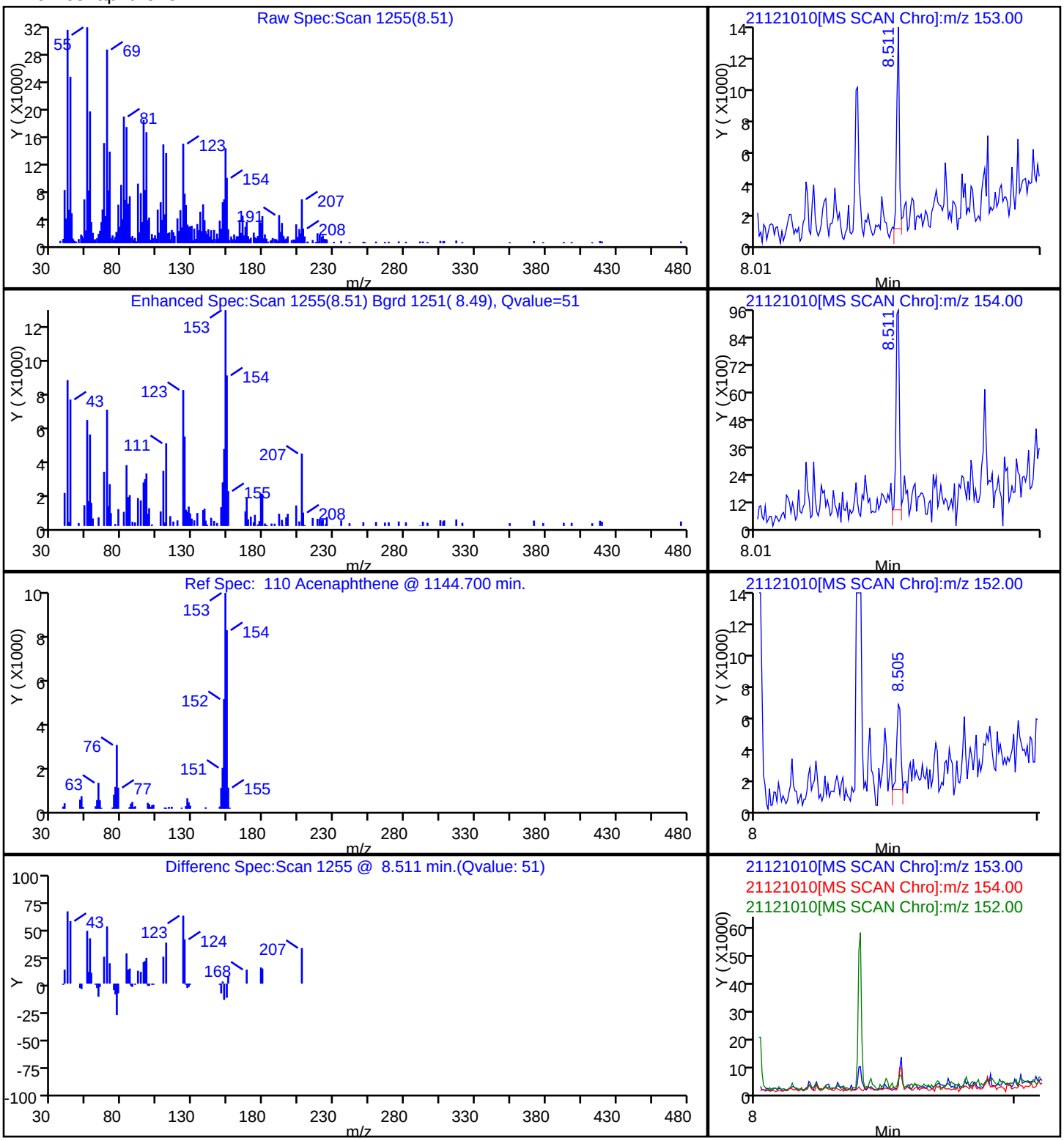


Report Date: 23-Nov-2012 10:11:18 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121010.D		
Injection Date:	21-Nov-2012 14:48:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0001M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	10
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

110 Acenaphthene

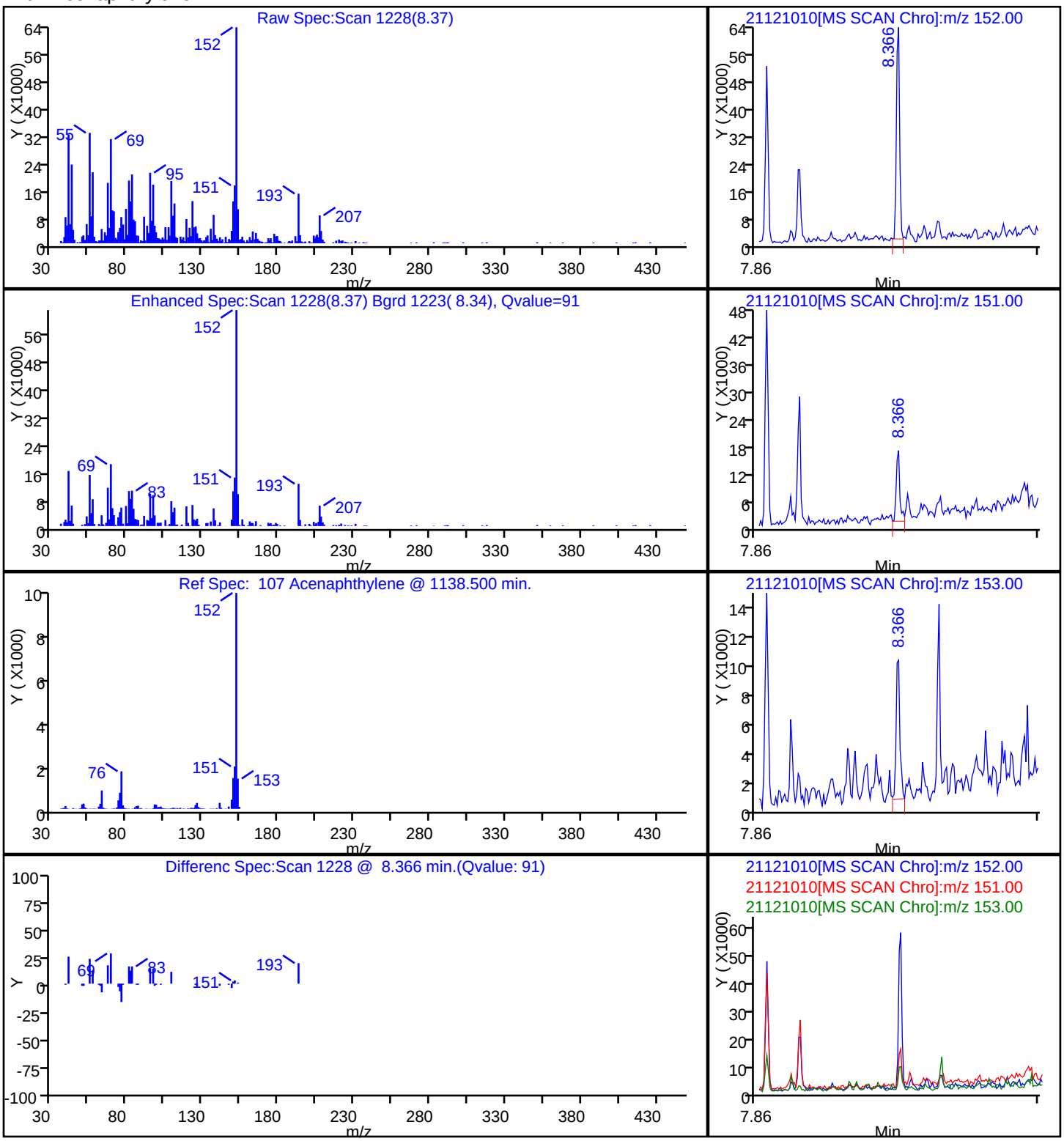


Report Date: 23-Nov-2012 10:11:18 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121010.D		
Injection Date:	21-Nov-2012 14:48:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0001M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	10
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

107 Acenaphthylene



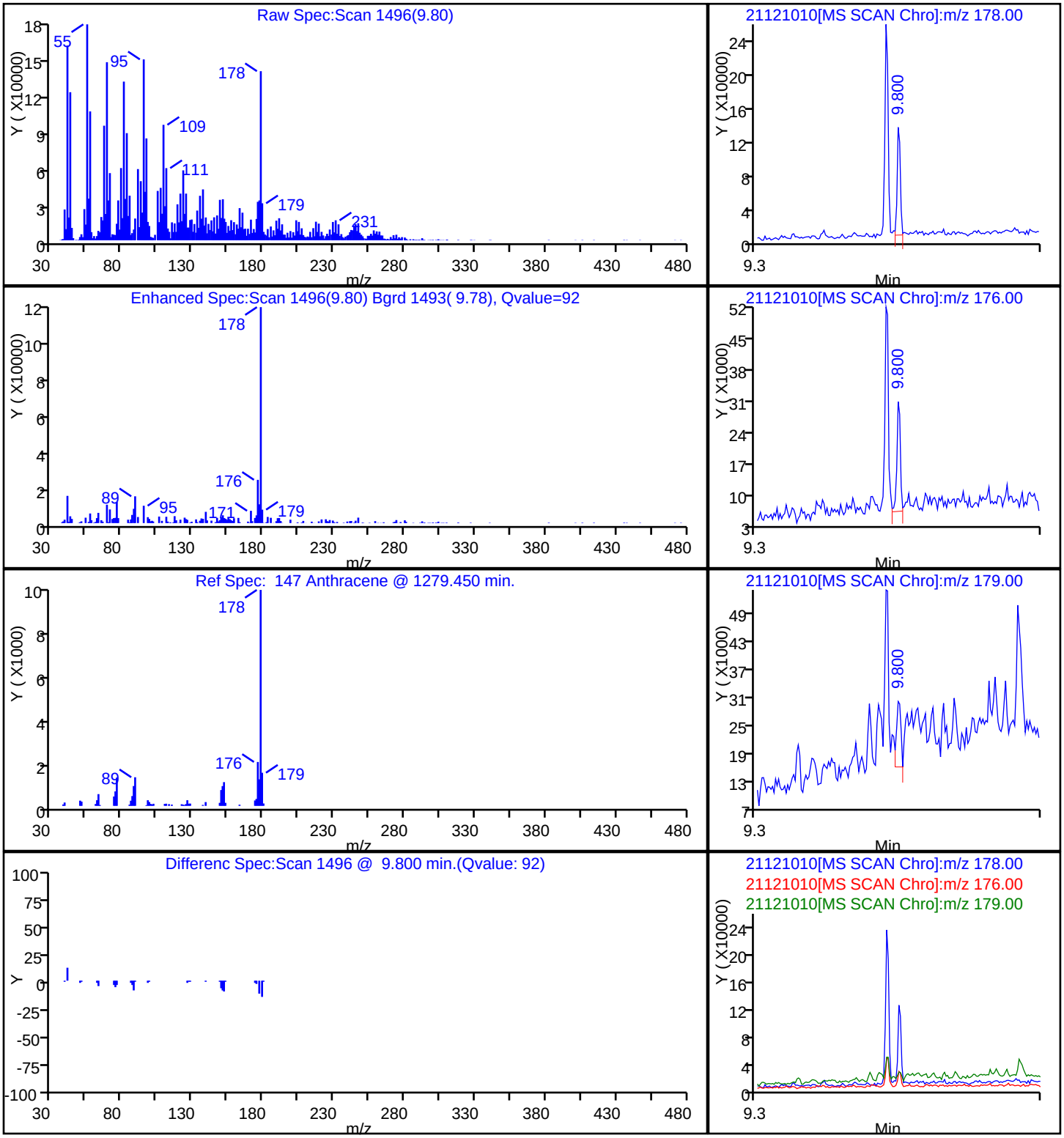
Report Date: 23-Nov-2012 10:11:19 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121010.D

Injection Date:	21-Nov-2012 14:48:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0001M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	10
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

147 Anthracene



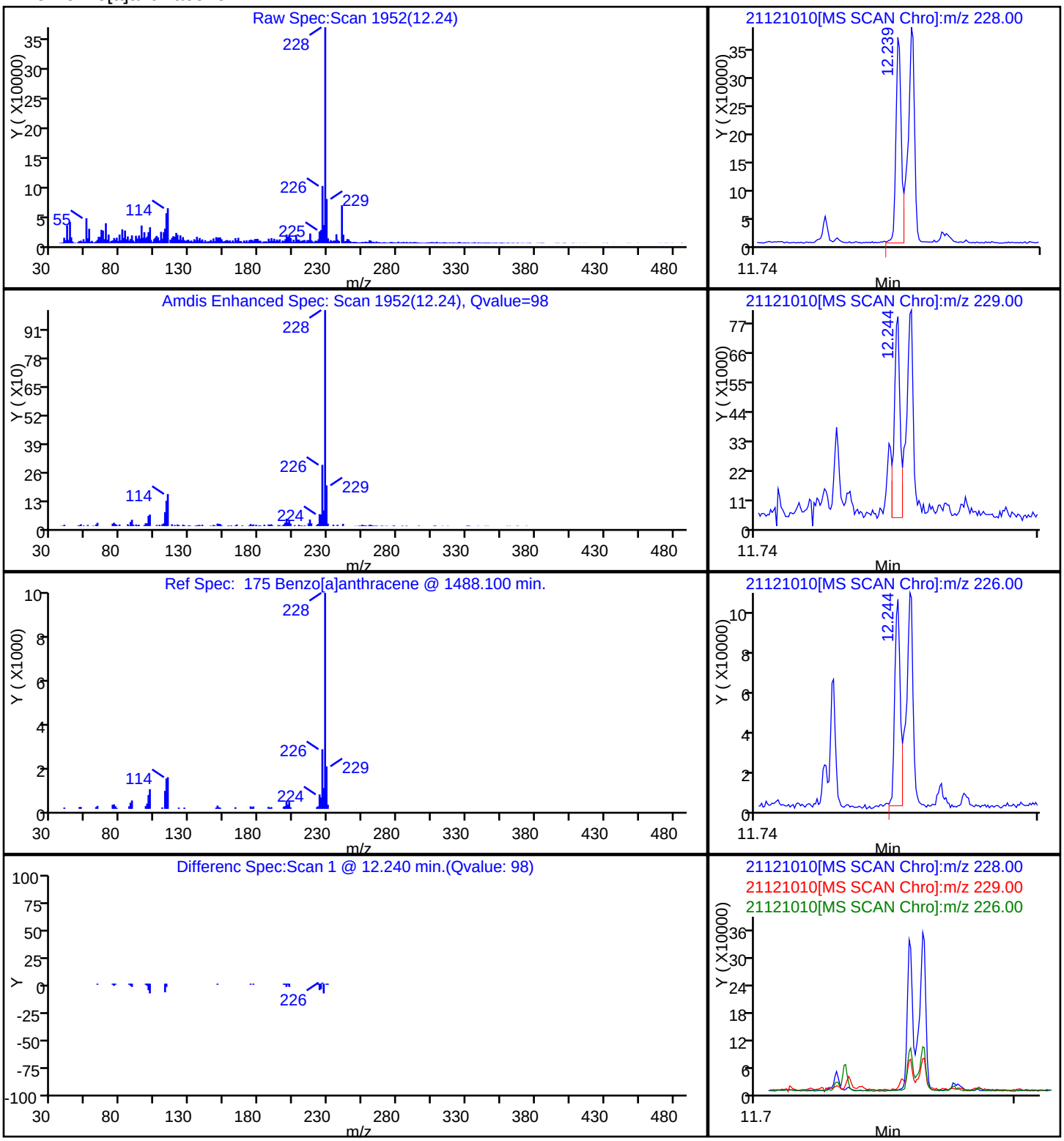
Report Date: 23-Nov-2012 10:11:19 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121010.D

Injection Date:	21-Nov-2012 14:48:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0001M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	10
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

175 Benzo[a]anthracene

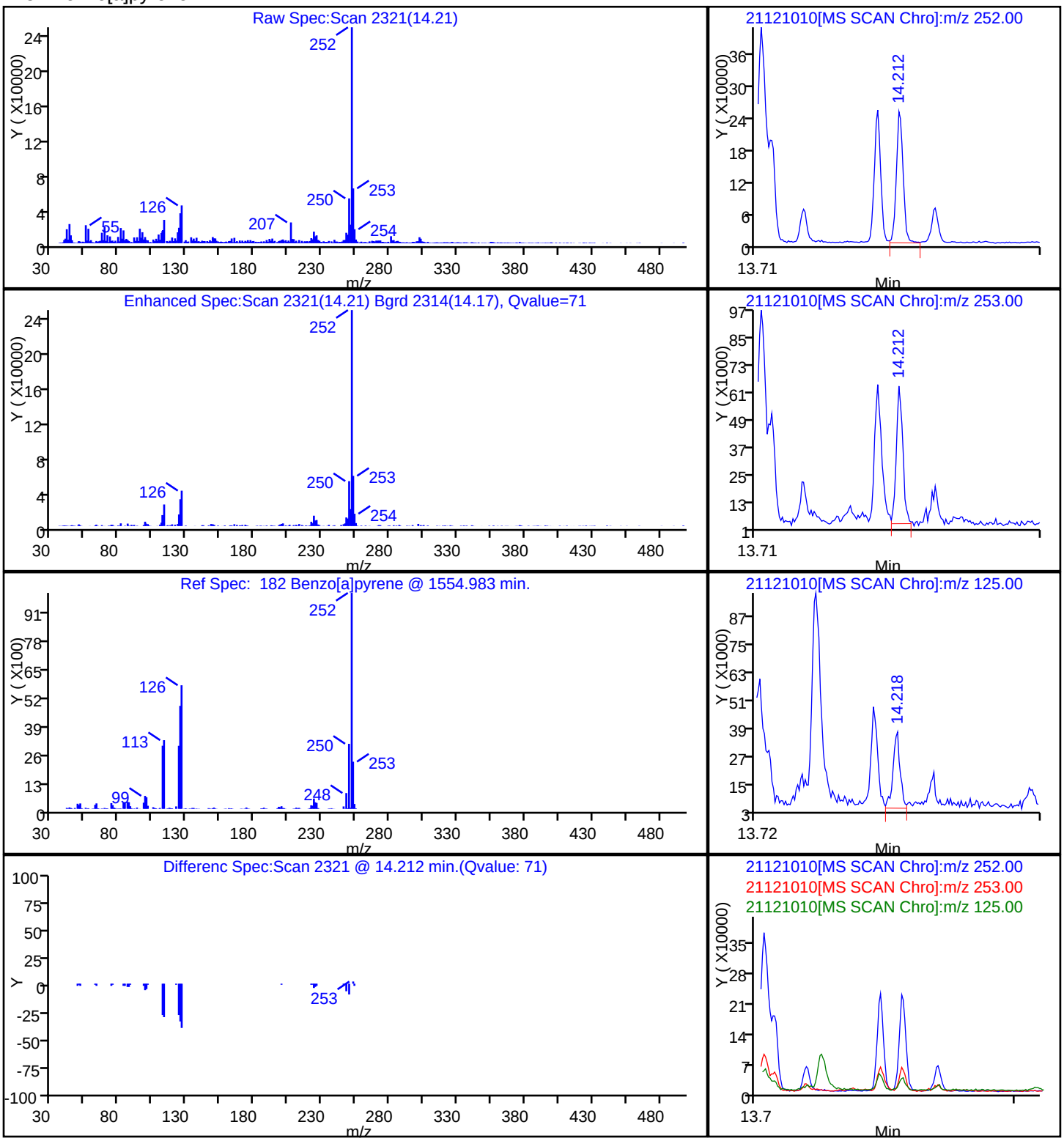


Report Date: 23-Nov-2012 10:11:19 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121010.D		
Injection Date:	21-Nov-2012 14:48:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0001M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	10
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

182 Benzo[a]pyrene



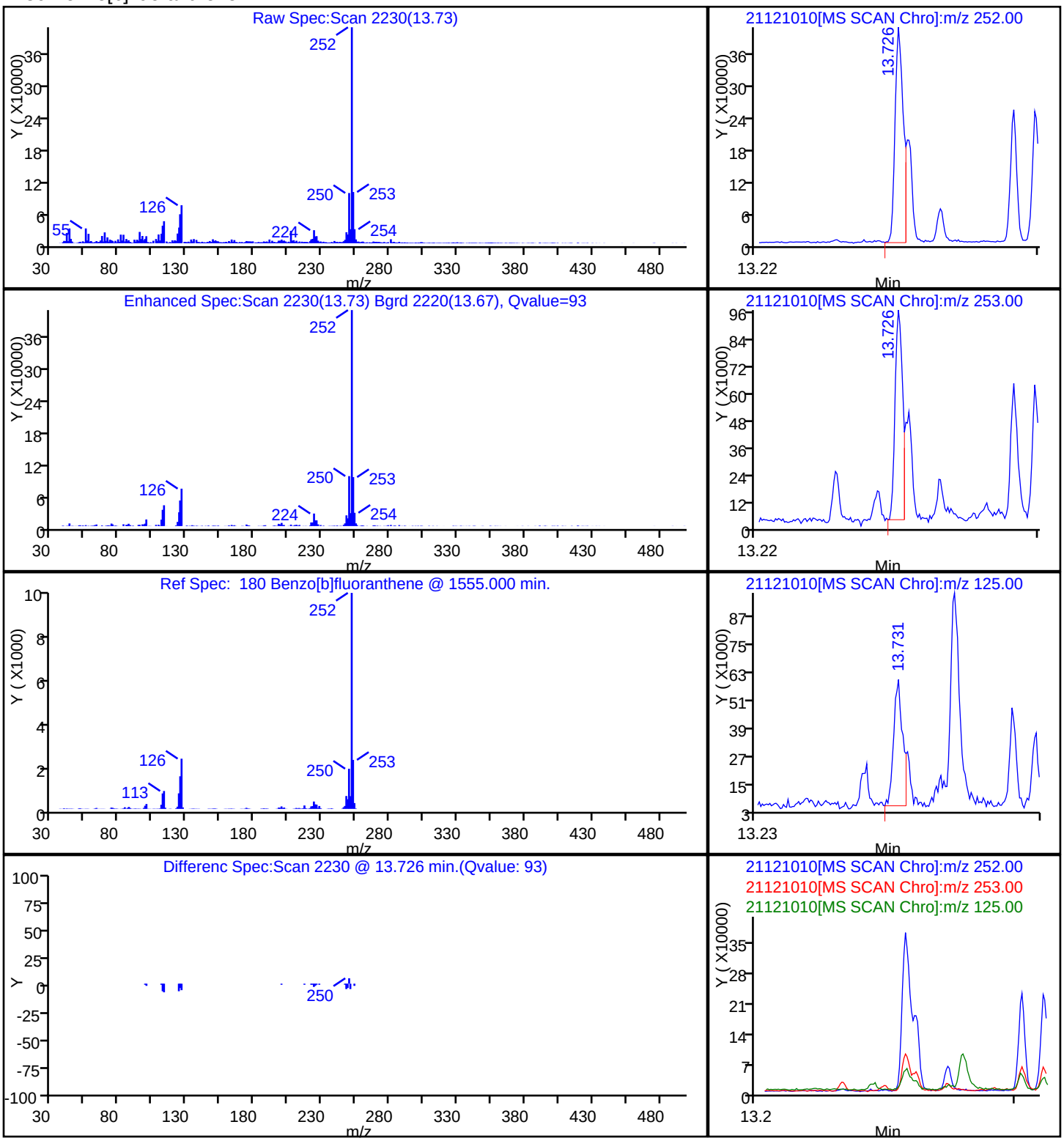
Report Date: 23-Nov-2012 10:11:19 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121010.D

Injection Date:	21-Nov-2012 14:48:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0001M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	10
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

180 Benzo[b]fluoranthene



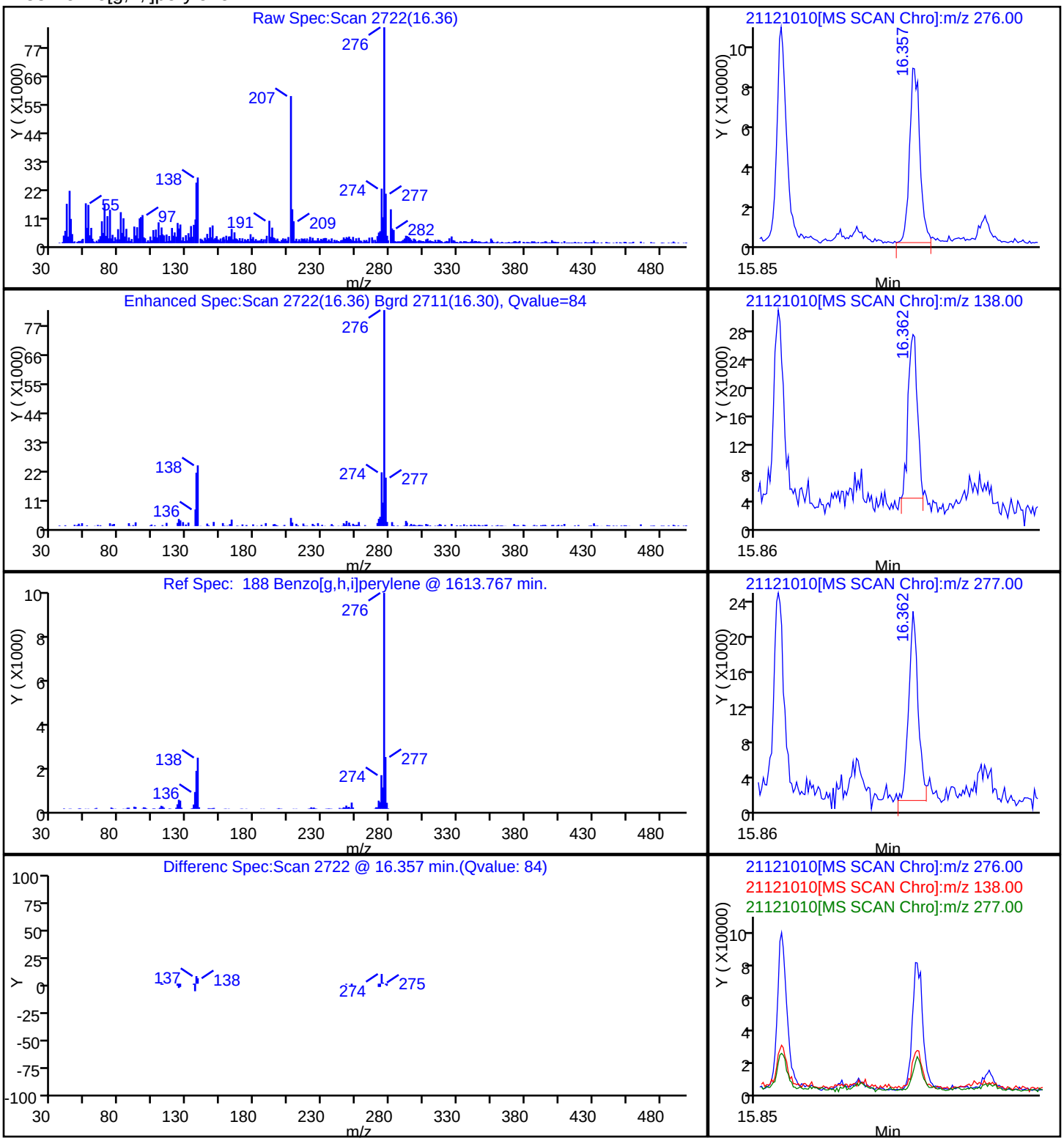
Report Date: 23-Nov-2012 10:11:19 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121010.D

Injection Date:	21-Nov-2012 14:48:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0001M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	10
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

188 Benzo[g,h,i]perylene

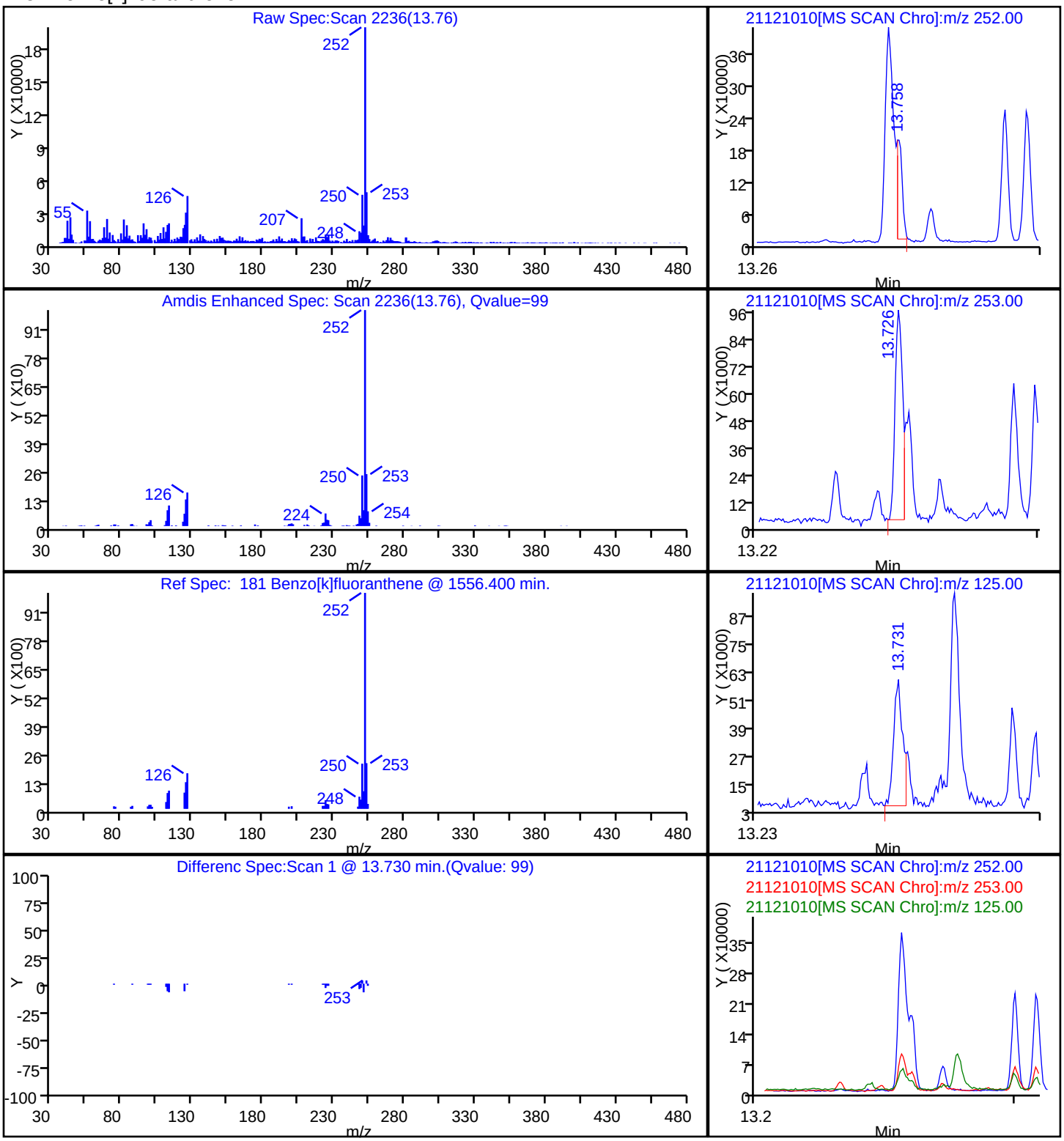


Report Date: 23-Nov-2012 10:11:19 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121010.D		
Injection Date:	21-Nov-2012 14:48:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0001M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	10
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

181 Benzo[k]fluoranthene



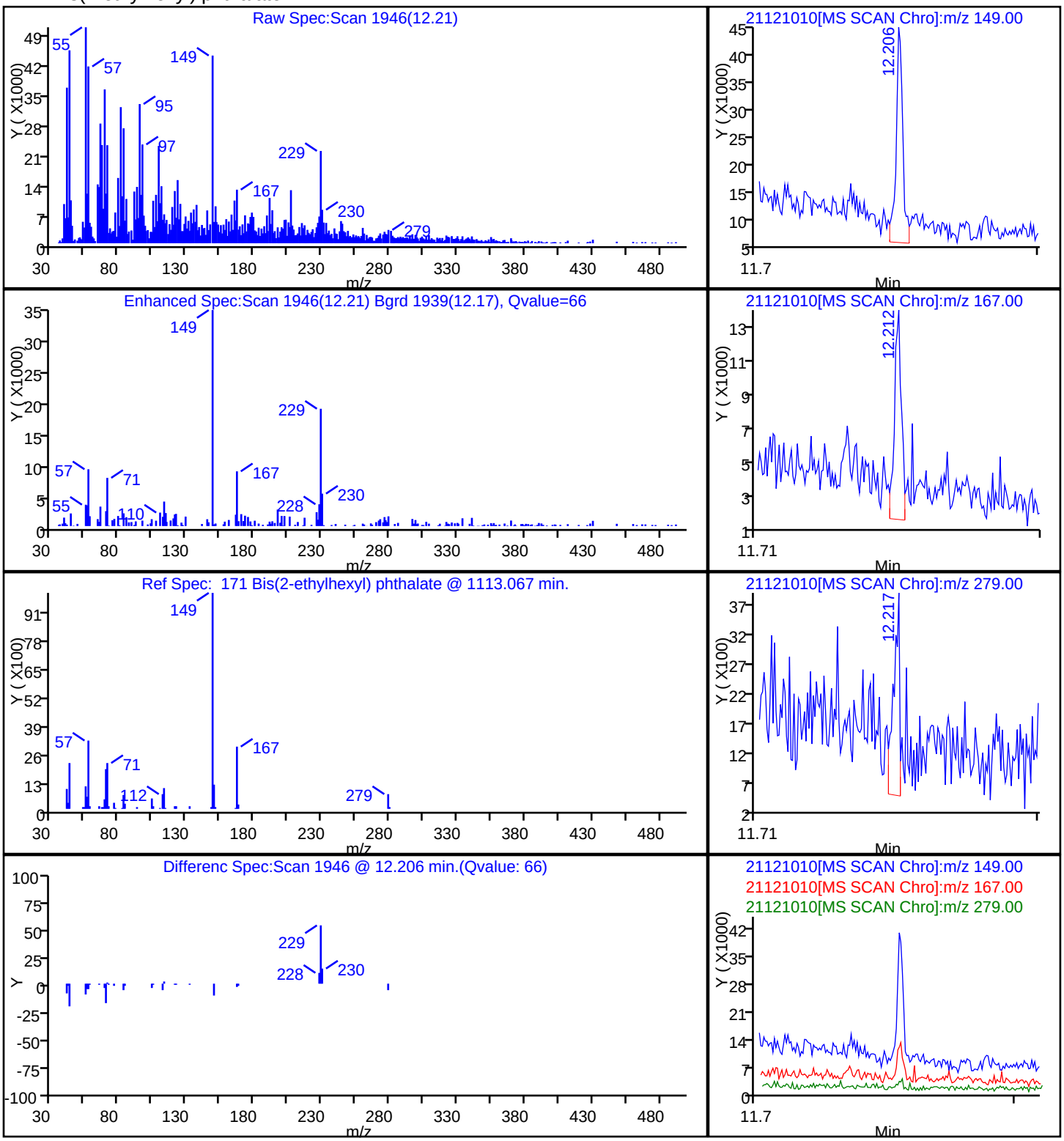
Report Date: 23-Nov-2012 10:11:19 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121010.D

Injection Date:	21-Nov-2012 14:48:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0001M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	10
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

171 Bis(2-ethylhexyl) phthalate



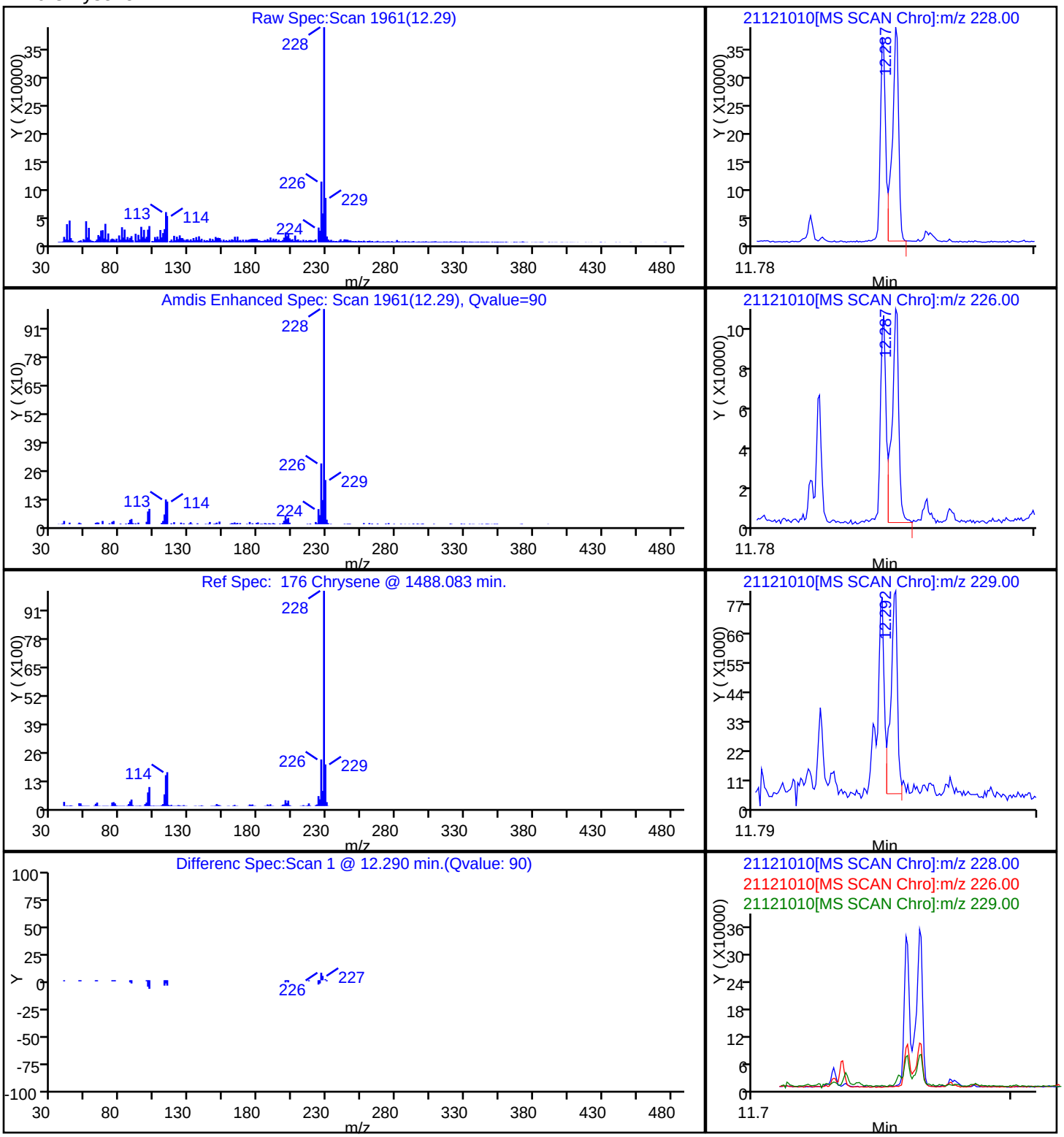
Report Date: 23-Nov-2012 10:11:19 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121010.D

Injection Date:	21-Nov-2012 14:48:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0001M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	10
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

176 Chrysene



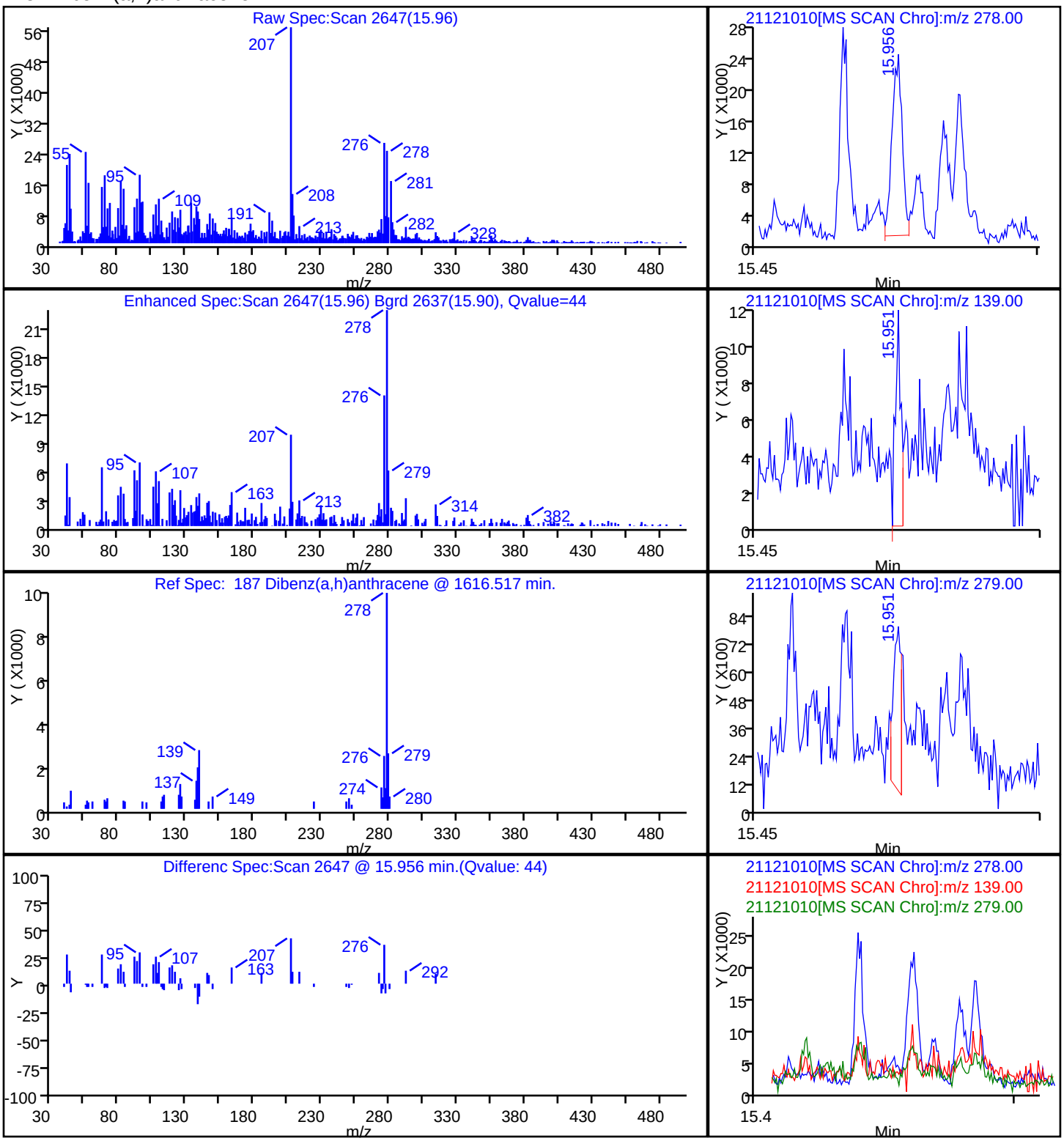
Report Date: 23-Nov-2012 10:11:19 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121010.D

Injection Date:	21-Nov-2012 14:48:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0001M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	10
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

187 Dibenz(a,h)anthracene

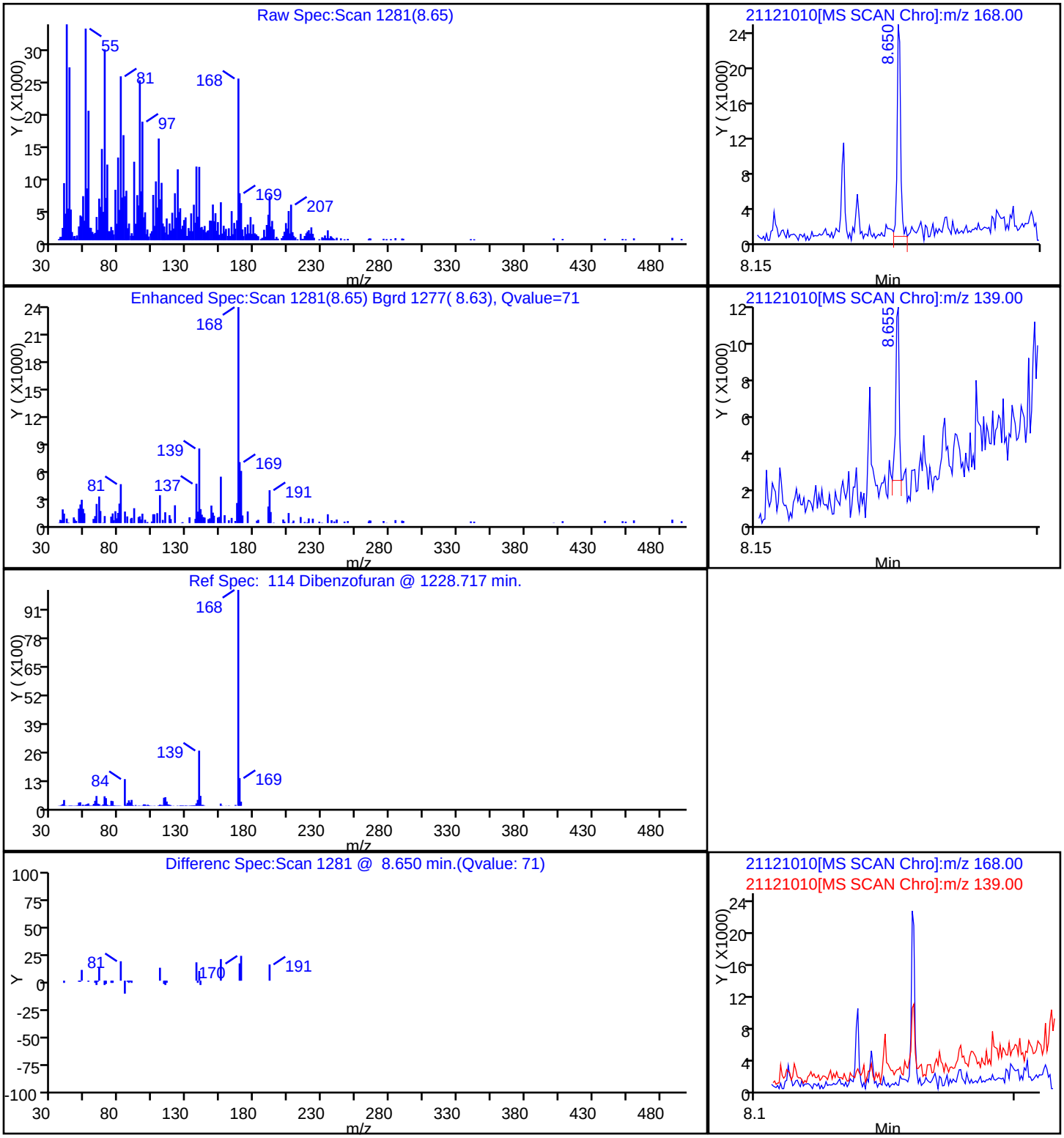


Report Date: 23-Nov-2012 10:11:18 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121010.D		
Injection Date:	21-Nov-2012 14:48:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0001M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	10
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

114 Dibenzofuran



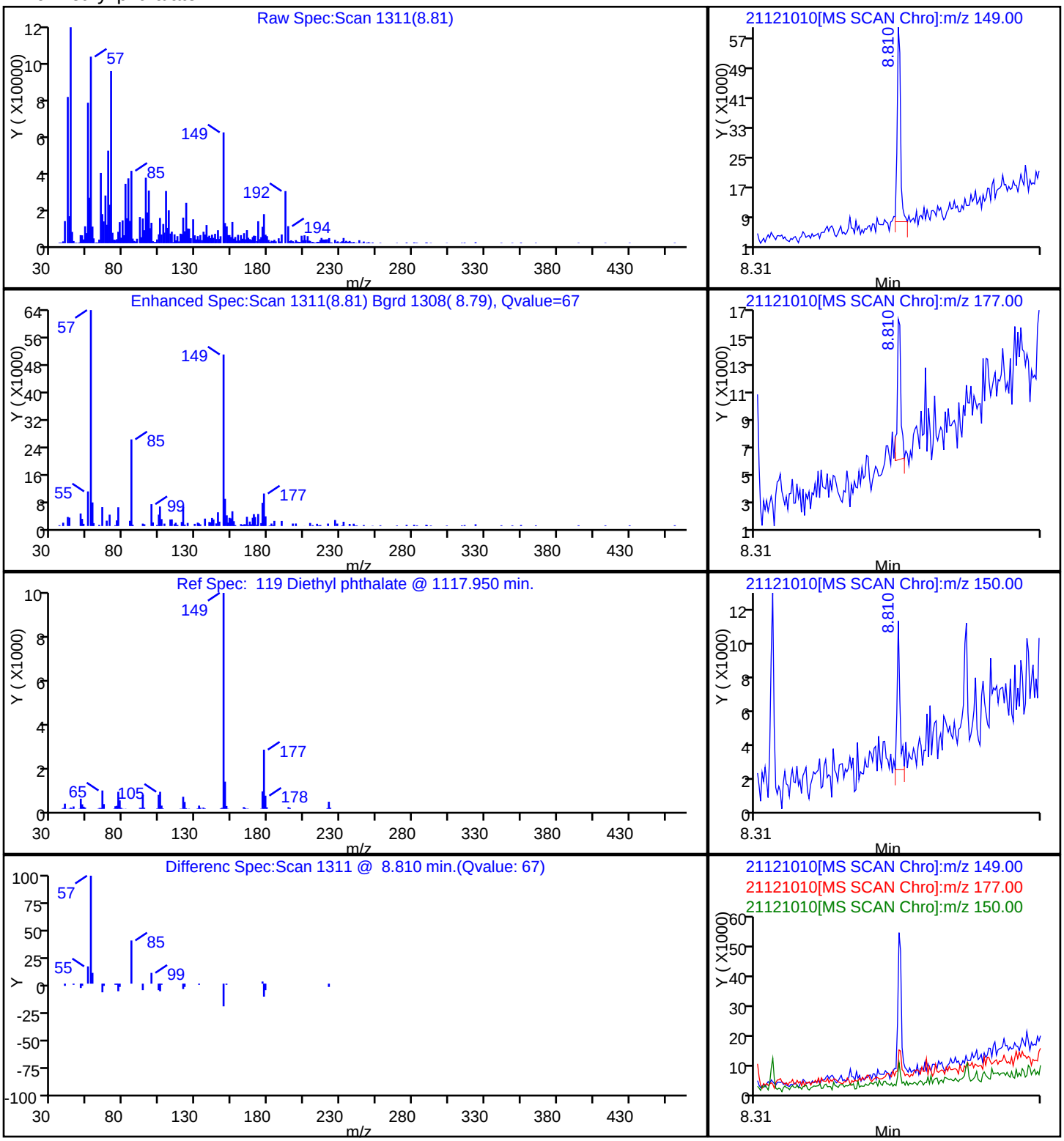
Report Date: 23-Nov-2012 10:11:19 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121010.D

Injection Date:	21-Nov-2012 14:48:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0001M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	10
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

119 Diethyl phthalate

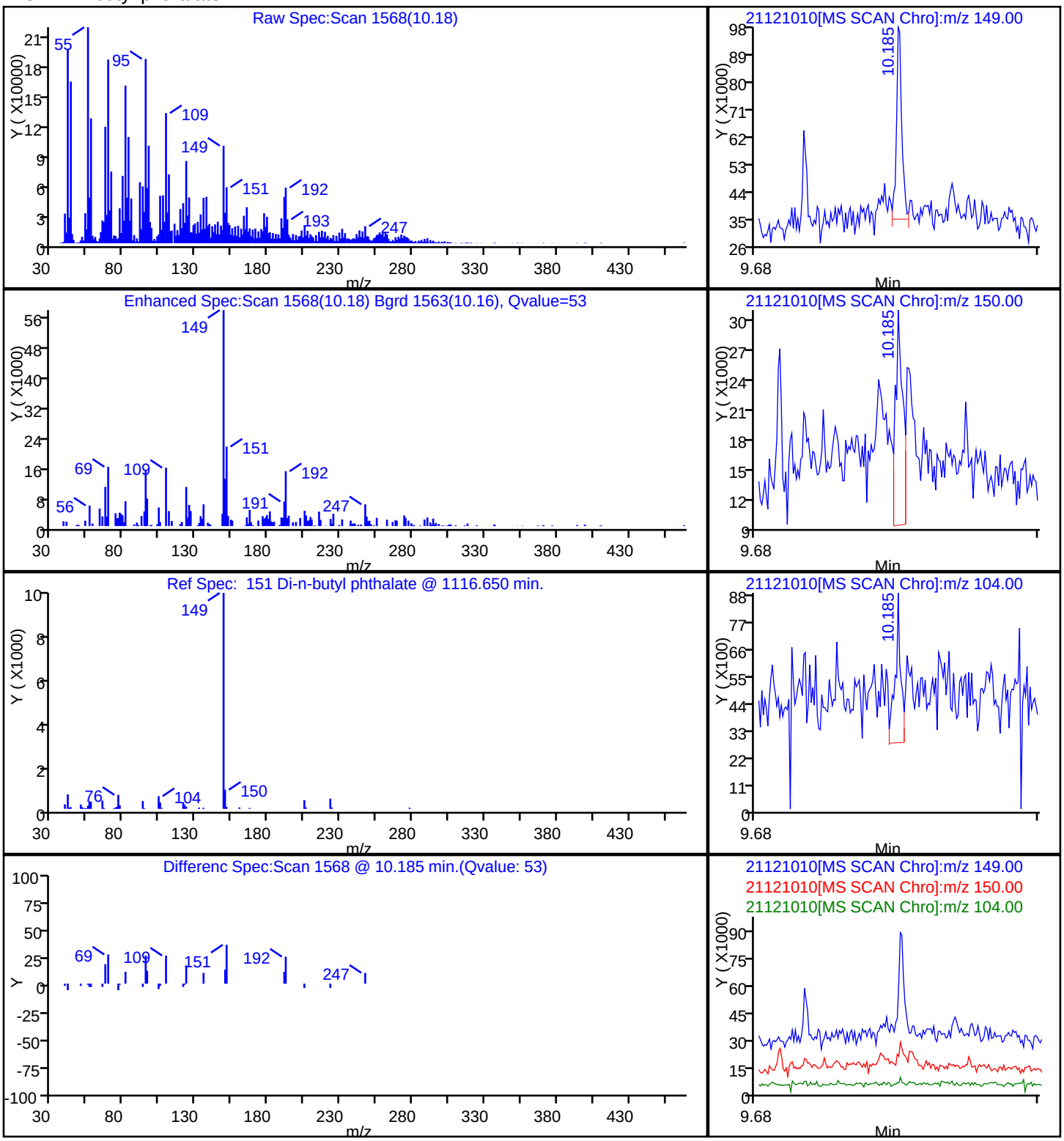


Report Date: 23-Nov-2012 10:11:19 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121010.D		
Injection Date:	21-Nov-2012 14:48:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0001M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	10
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

151 Di-n-butyl phthalate

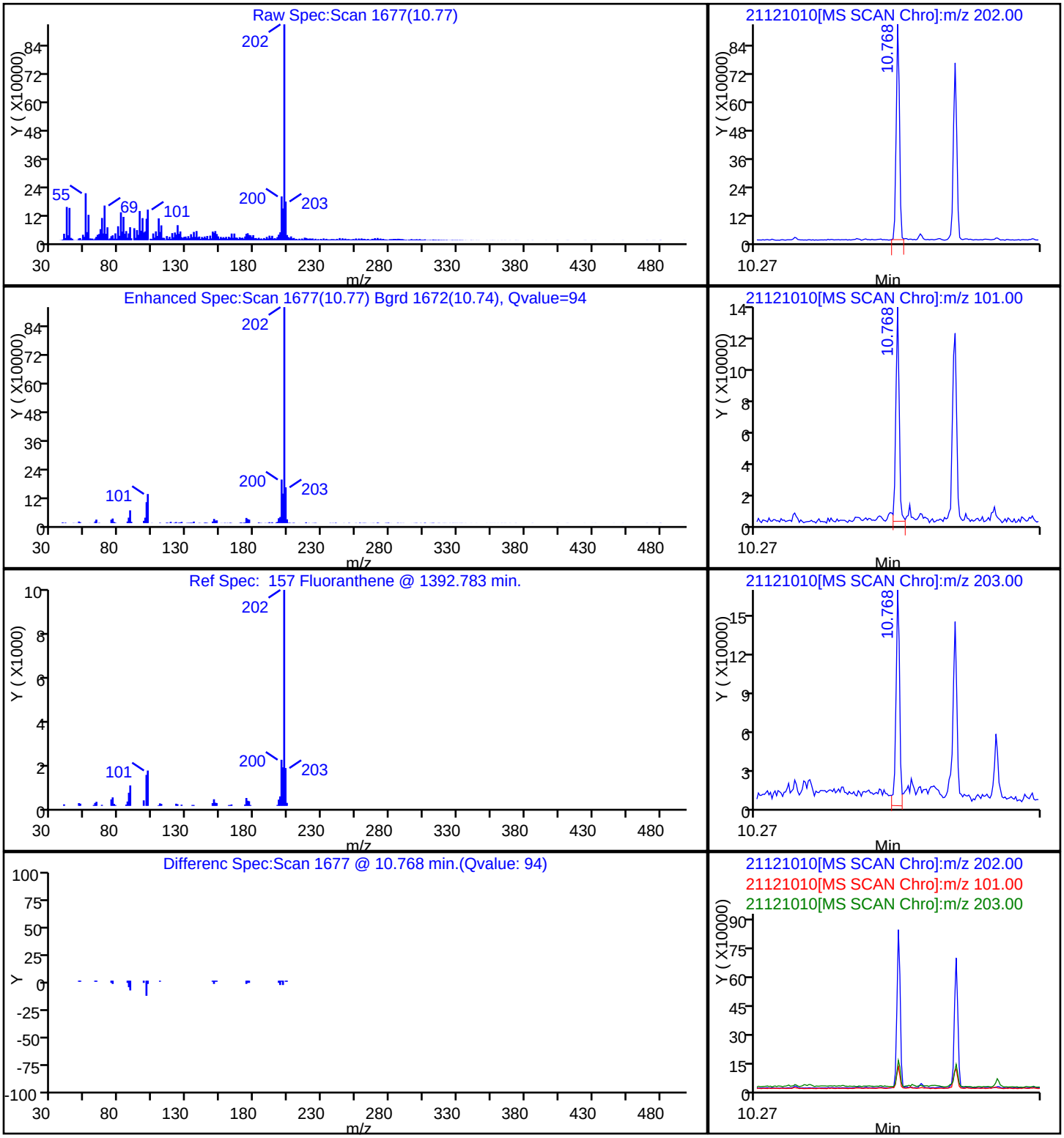


Report Date: 23-Nov-2012 10:11:19 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121010.D		
Injection Date:	21-Nov-2012 14:48:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0001M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	10
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

157 Fluoranthene



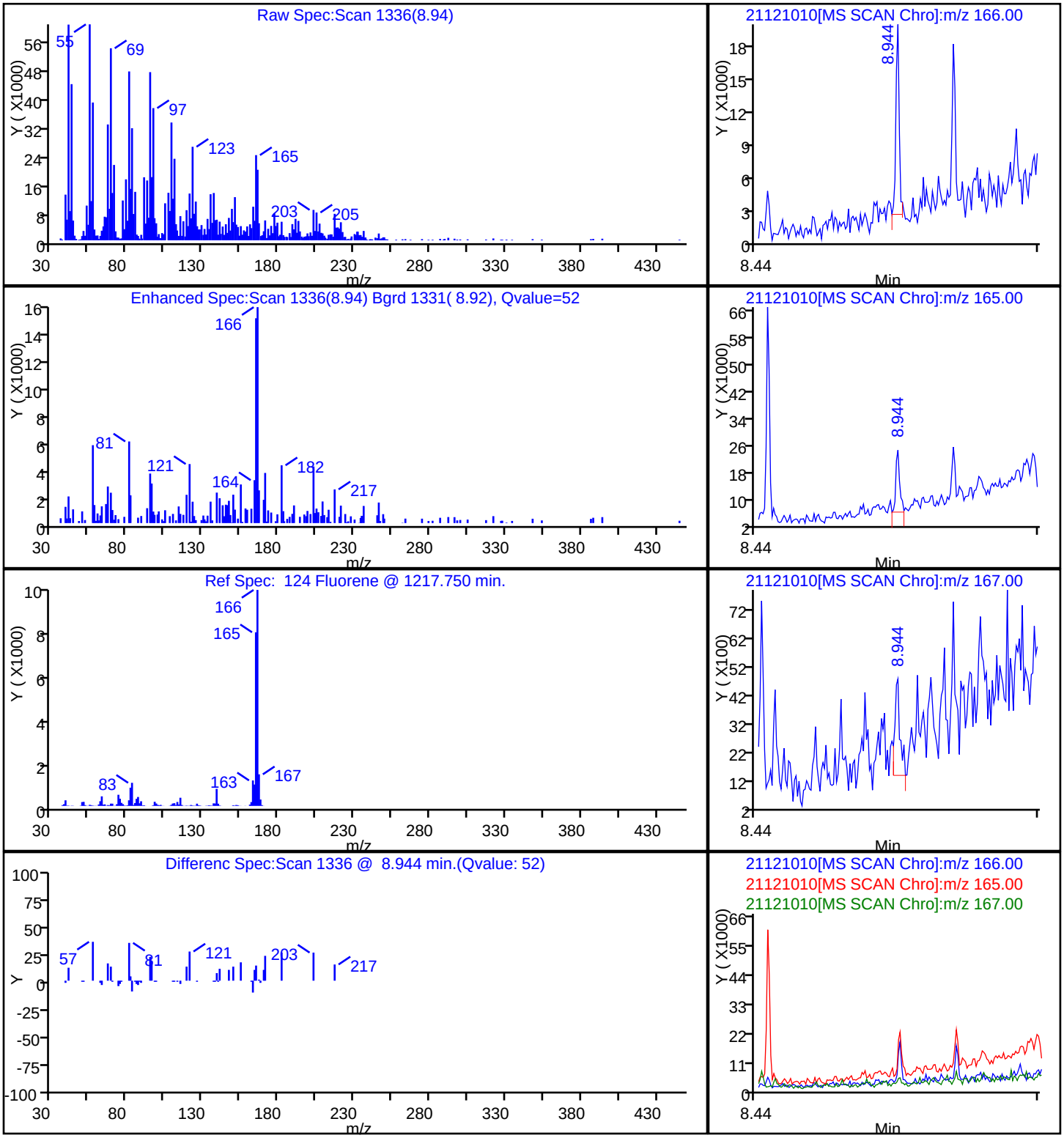
Report Date: 23-Nov-2012 10:11:19 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121010.D

Injection Date:	21-Nov-2012 14:48:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0001M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	10
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

124 Fluorene



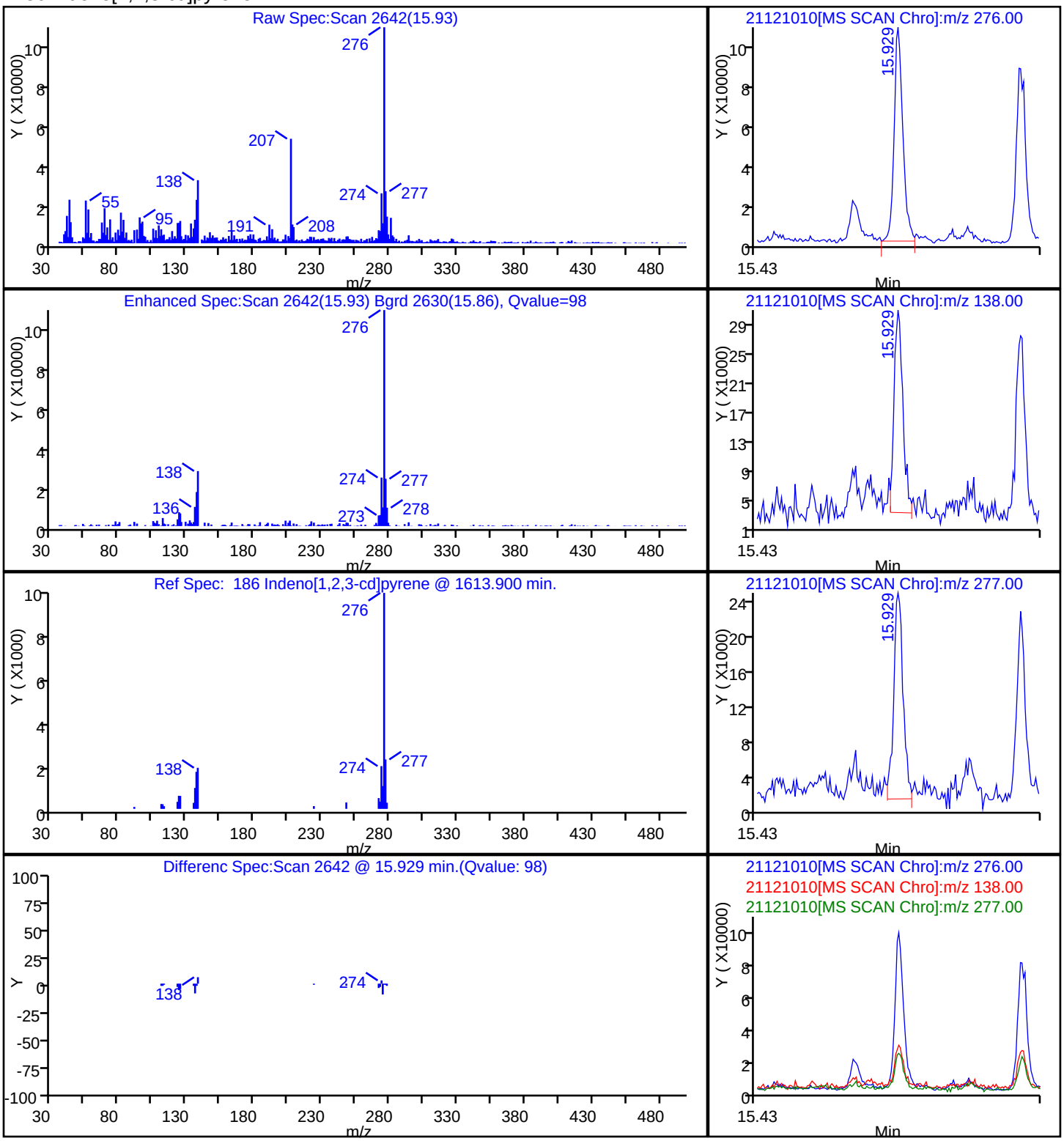
Report Date: 23-Nov-2012 10:11:19 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121010.D

Injection Date:	21-Nov-2012 14:48:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0001M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	10
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

186 Indeno[1,2,3-cd]pyrene



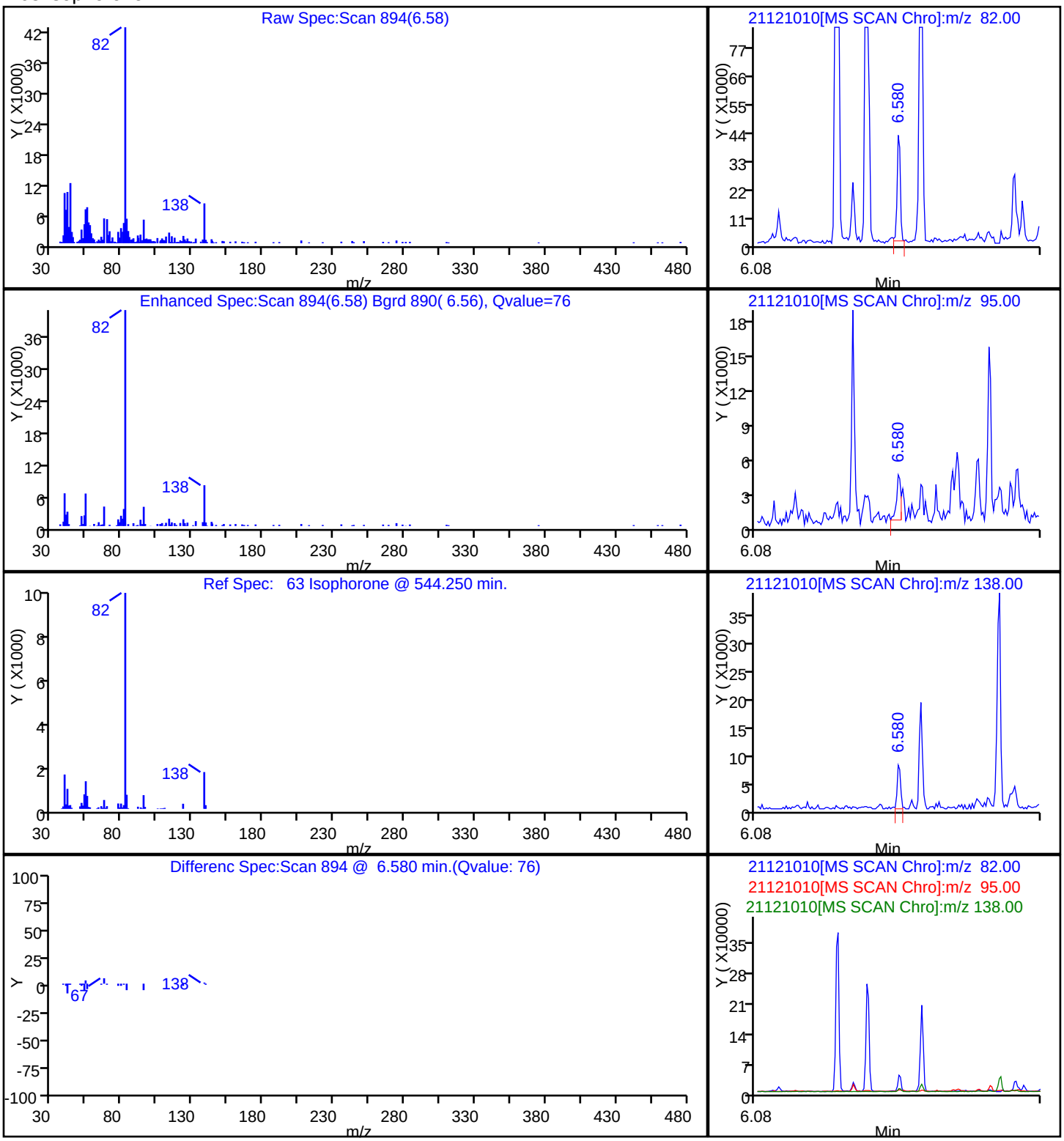
Report Date: 23-Nov-2012 10:11:18 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121010.D

Injection Date:	21-Nov-2012 14:48:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0001M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	10
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

63 Isophorone



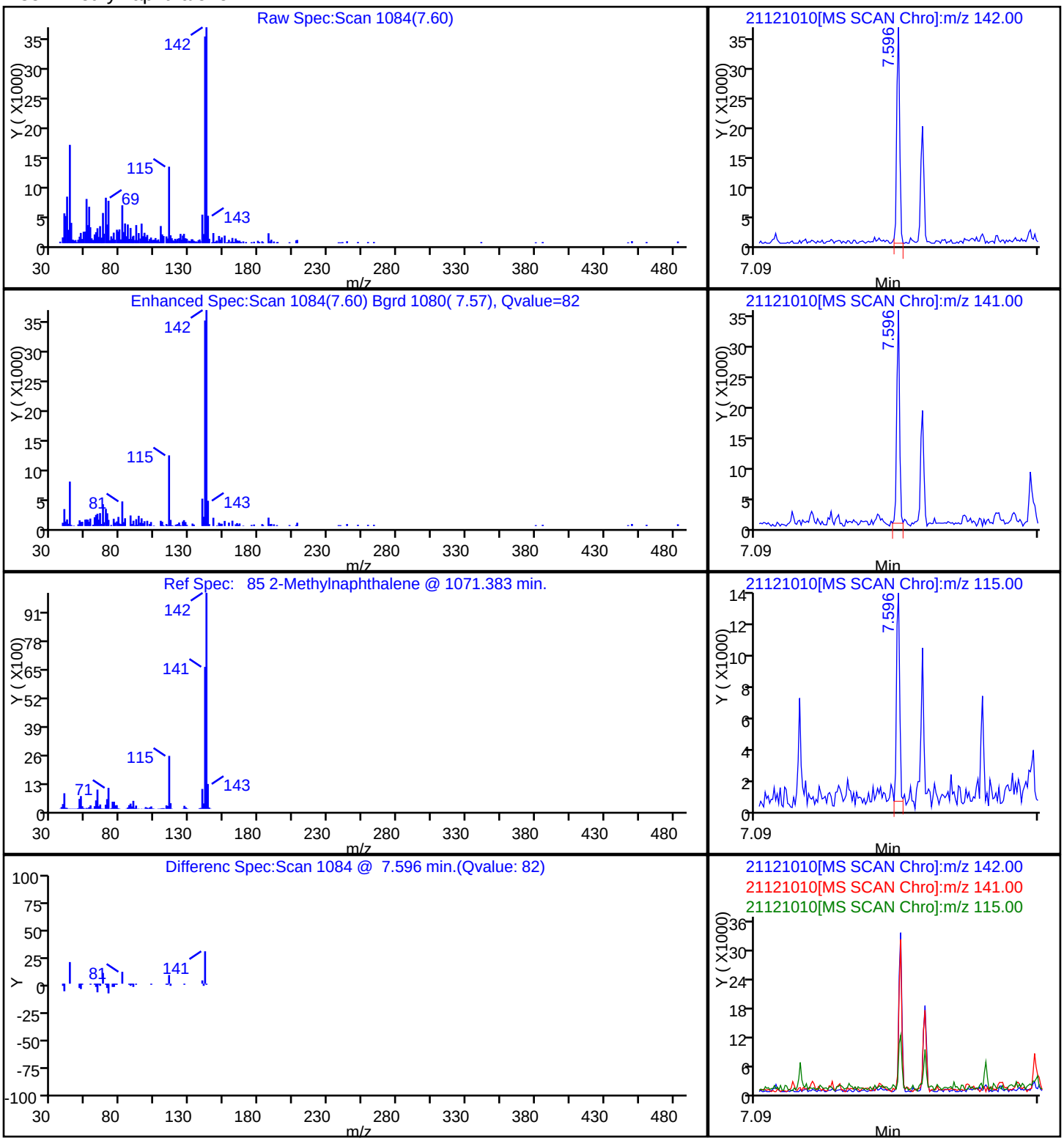
Report Date: 23-Nov-2012 10:11:18 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121010.D

Injection Date:	21-Nov-2012 14:48:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0001M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	10
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

85 2-Methylnaphthalene



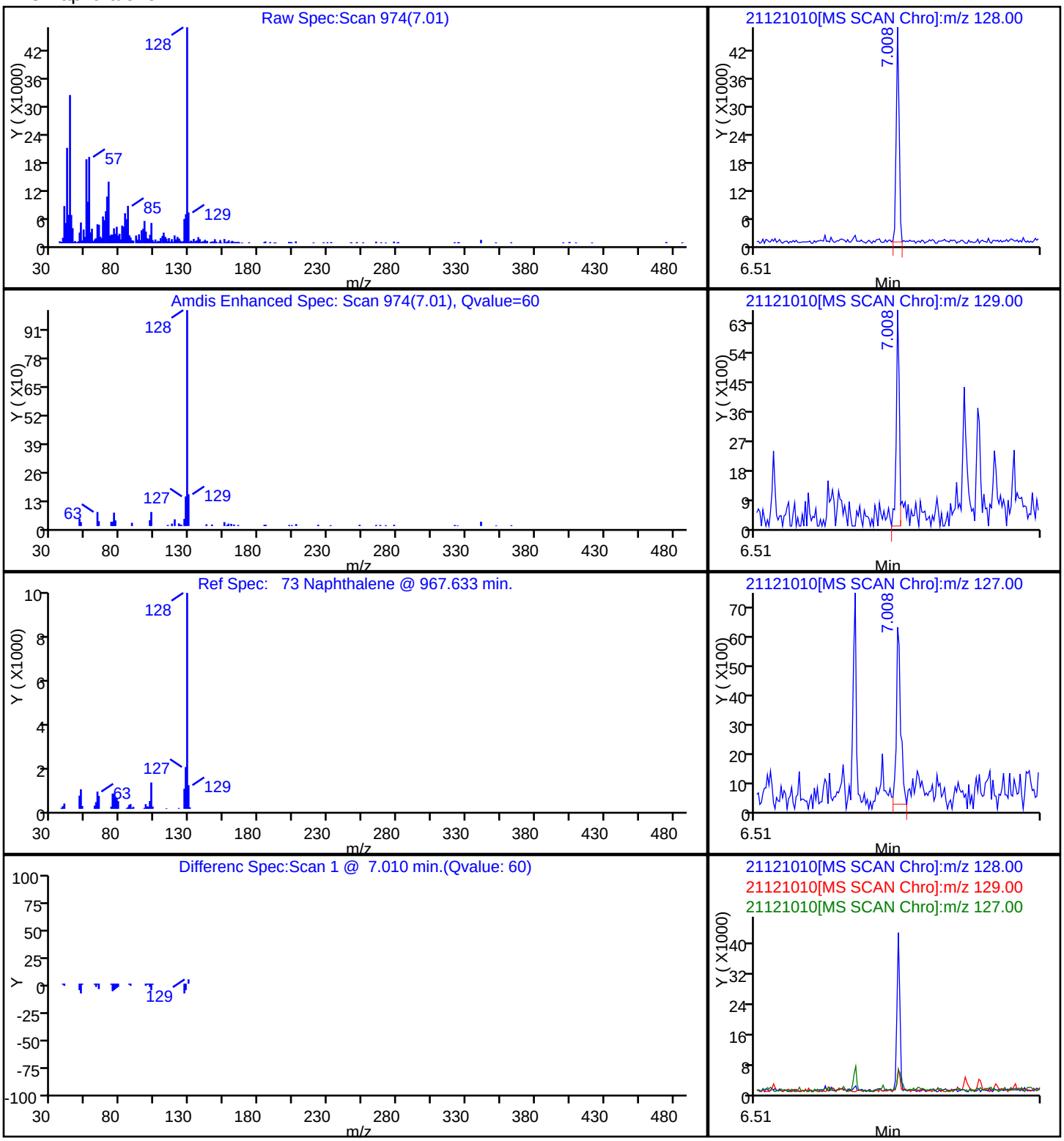
Report Date: 23-Nov-2012 10:11:18 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121010.D

Injection Date:	21-Nov-2012 14:48:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0001M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	10
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

73 Naphthalene

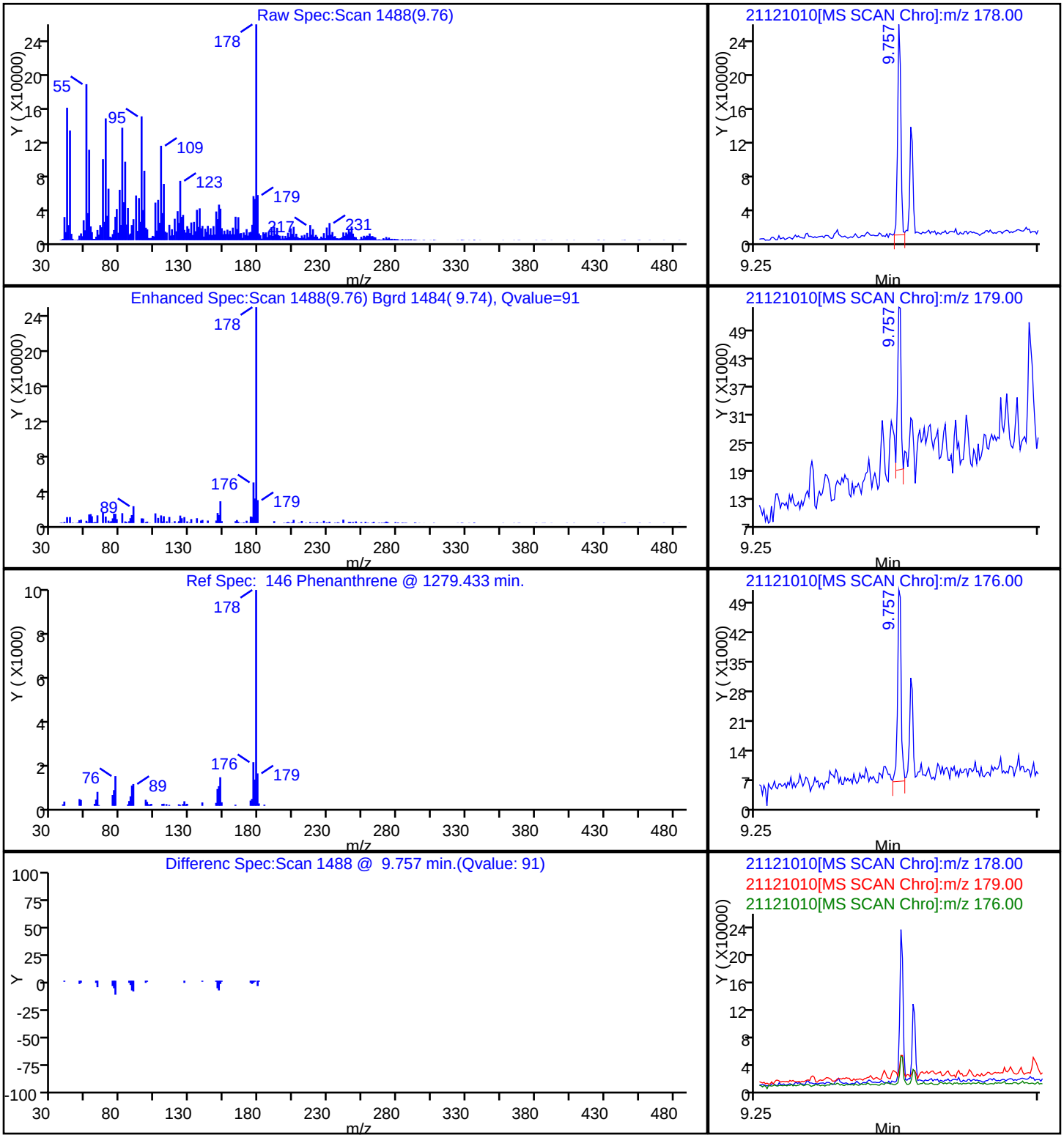


Report Date: 23-Nov-2012 10:11:19 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121010.D		
Injection Date:	21-Nov-2012 14:48:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0001M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	10
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

146 Phenanthrene



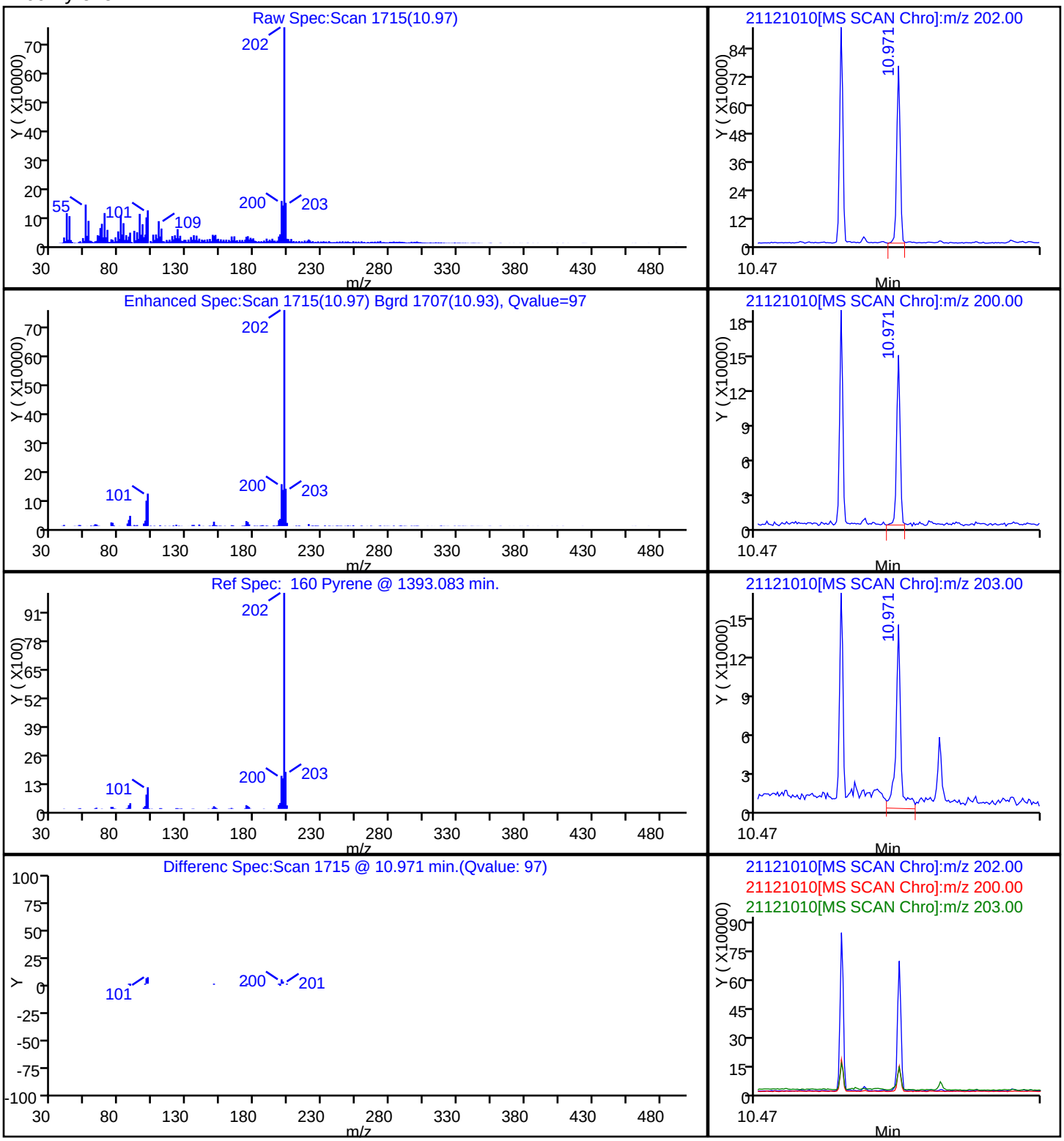
Report Date: 23-Nov-2012 10:11:19 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121010.D

Injection Date:	21-Nov-2012 14:48:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0001M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	10
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

160 Pyrene



Manual Integration/User Assign Peak Report

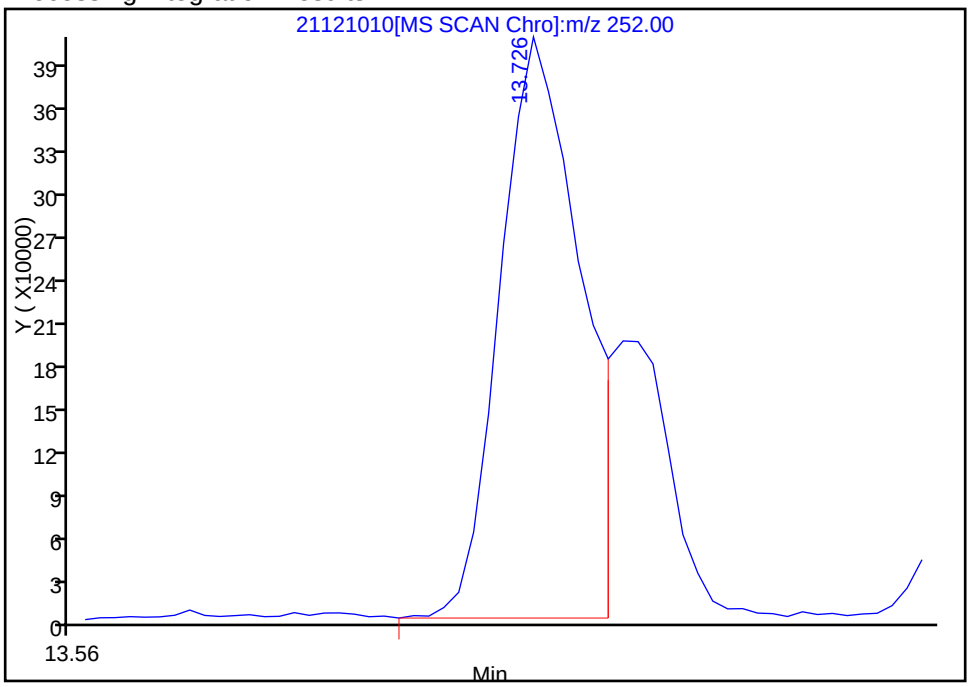
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121010.D		
Injection Date:	21-Nov-2012 14:48:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0001M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	10
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

181 Benzo[k]fluoranthene, Signal: 1, m/z: 252.0 Type: quant, RT: 13.76

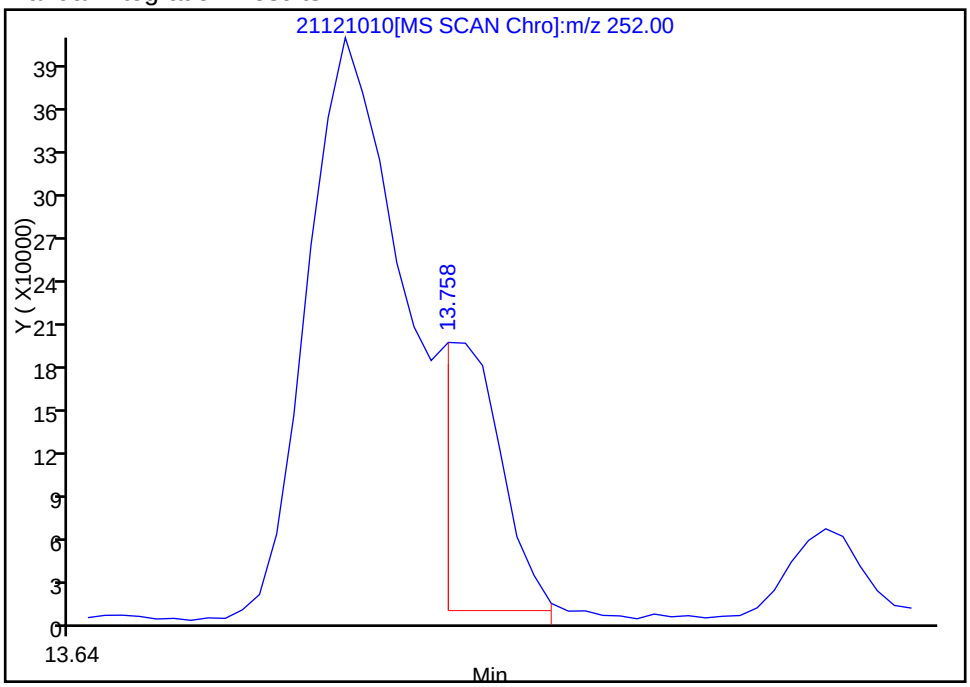
Processing Integration Results

RT: 13.73
Response: 822568
Amount: 4.135135



Manual Integration Results

RT: 13.76
Response: 235774
Amount: 1.185261



Reviewer: gruberj, 21-Nov-2012 16:01:06
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

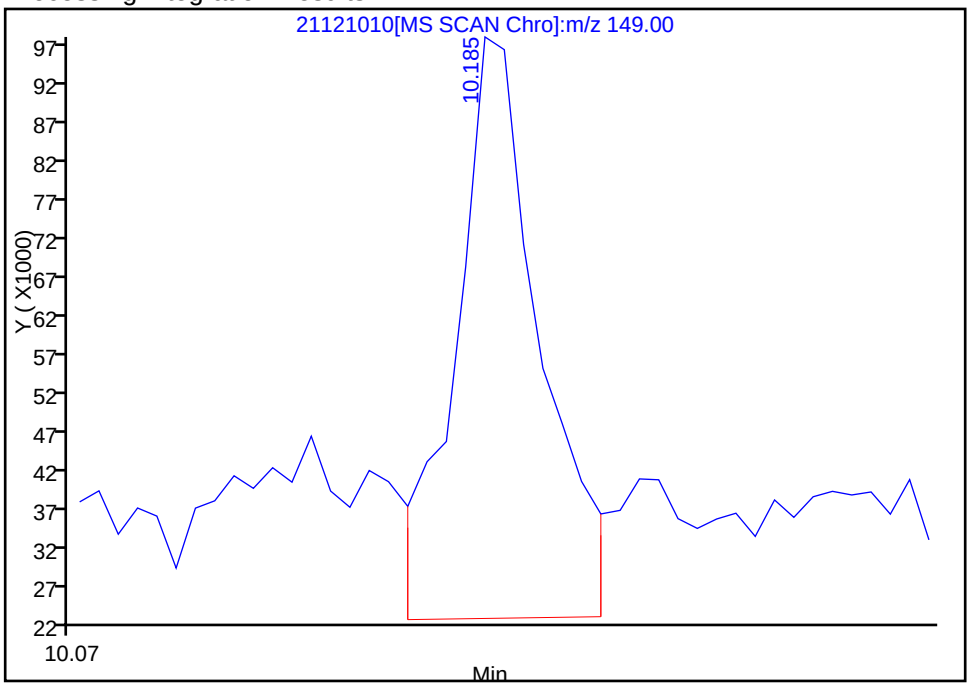
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121010.D		
Injection Date:	21-Nov-2012 14:48:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0001M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	10
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

151 Di-n-butyl phthalate, Signal: 1, m/z: 149.0 Type: quant, RT: 10.18

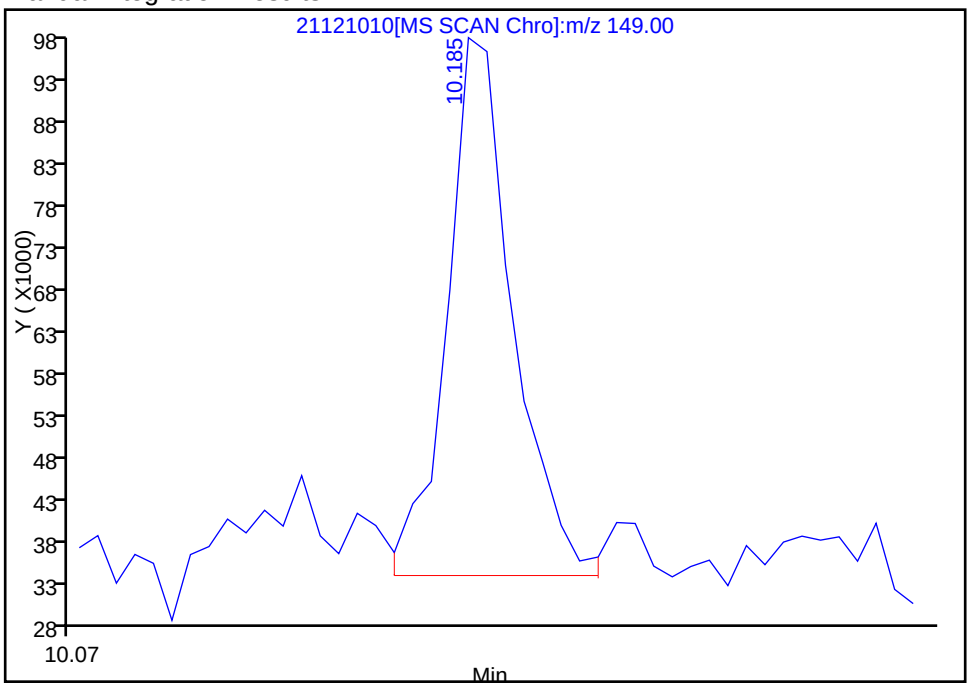
Processing Integration Results

RT: 10.18
Response: 125533
Amount: 0.693975



Manual Integration Results

RT: 10.18
Response: 84460
Amount: 0.466914



Reviewer: gruberj, 21-Nov-2012 16:01:06
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: 068SS-0002M-0001-SO | Lab Sample ID: 240-17317-6

Matrix: Solid | Lab File ID: 21121011.D

Analysis Method: 8270C/DoD | Date Collected: 11/06/2012 12:10

Extract. Method: 3540C | Date Extracted: 11/16/2012 11:46

Sample wt/vol: 30.44(g) | Date Analyzed: 11/21/2012 15:12

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 65876 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	10		6.6	3.3	3.3
208-96-8	Acenaphthylene	28		6.6	3.3	3.3
120-12-7	Anthracene	41		6.6	3.3	3.3
56-55-3	Benzo[a]anthracene	160		6.6	3.3	3.3
50-32-8	Benzo[a]pyrene	160		6.6	3.3	3.3
205-99-2	Benzo[b]fluoranthene	410		6.6	3.3	3.3
191-24-2	Benzo[g,h,i]perylene	120		6.6	3.3	3.3
65-85-0	Benzoic acid	330	U	650	330	330
207-08-9	Benzo[k]fluoranthene	170	M	6.6	3.3	3.3
100-51-6	Benzyl alcohol	27	U	330	27	21
111-91-1	Bis(2-chloroethoxy)methane	27	U	99	27	22
111-44-4	Bis(2-chloroethyl)ether	3.3	U	99	3.3	2.0
108-60-1	bis (2-chloroisopropyl) ether	27	U	99	27	9.4
117-81-7	Bis(2-ethylhexyl) phthalate	61		49	27	19
101-55-3	4-Bromophenyl phenyl ether	27	U	49	27	13
85-68-7	Butyl benzyl phthalate	27	U	49	27	9.9
86-74-8	Carbazole	29	J	49	27	27
106-47-8	4-Chloroaniline	27	U	150	27	17
59-50-7	4-Chloro-3-methylphenol	27	U	150	27	21
91-58-7	2-Chloronaphthalene	3.3	U	49	3.3	3.3
95-57-8	2-Chlorophenol	27	U	49	27	27
7005-72-3	4-Chlorophenyl phenyl ether	27	U	49	27	13
218-01-9	Chrysene	240		6.6	3.3	1.1
53-70-3	Dibenz(a,h)anthracene	37		6.6	3.3	3.3
132-64-9	Dibenzofuran	19	J	49	3.3	3.3
106-46-7	1,4-Dichlorobenzene	27	U	49	27	20
95-50-1	1,2-Dichlorobenzene	27	U	49	27	9.6
541-73-1	1,3-Dichlorobenzene	27	U	49	27	11
91-94-1	3,3'-Dichlorobenzidine	79	U	99	79	18
120-83-2	2,4-Dichlorophenol	27	U	150	27	20
84-66-2	Diethyl phthalate	26	J	49	27	16
105-67-9	2,4-Dimethylphenol	79	U	150	79	20
131-11-3	Dimethyl phthalate	27	U	49	27	17
84-74-2	Di-n-butyl phthalate	40	J M	49	27	15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: 068SS-0002M-0001-SO | Lab Sample ID: 240-17317-6

Matrix: Solid | Lab File ID: 21121011.D

Analysis Method: 8270C/DoD | Date Collected: 11/06/2012 12:10

Extract. Method: 3540C | Date Extracted: 11/16/2012 11:46

Sample wt/vol: 30.44(g) | Date Analyzed: 11/21/2012 15:12

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 65876 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	79	U	150	79	79
51-28-5	2,4-Dinitrophenol	79	U	330	79	79
121-14-2	2,4-Dinitrotoluene	27	U	200	27	27
606-20-2	2,6-Dinitrotoluene	27	U	200	27	21
117-84-0	Di-n-octyl phthalate	27	U	49	27	27
206-44-0	Fluoranthene	280		6.6	3.3	3.3
86-73-7	Fluorene	12		6.6	3.3	3.3
118-74-1	Hexachlorobenzene	3.3	U	6.6	3.3	2.1
87-68-3	Hexachlorobutadiene	27	U	49	27	27
77-47-4	Hexachlorocyclopentadiene	27	U	330	27	27
67-72-1	Hexachloroethane	27	U	49	27	8.9
193-39-5	Indeno[1,2,3-cd]pyrene	100		6.6	3.3	3.3
78-59-1	Isophorone	22	J	49	27	13
91-57-6	2-Methylnaphthalene	37		6.6	3.3	3.3
95-48-7	2-Methylphenol	79	U	200	79	79
15831-10-4	3 & 4 Methylphenol	79	U	390	79	20
91-20-3	Naphthalene	26		6.6	3.3	3.3
88-74-4	2-Nitroaniline	27	U	200	27	9.0
99-09-2	3-Nitroaniline	79	U	200	79	16
100-01-6	4-Nitroaniline	27	U	200	27	26
98-95-3	Nitrobenzene	3.3	U	99	3.3	2.2
88-75-5	2-Nitrophenol	27	U	49	27	27
100-02-7	4-Nitrophenol	79	U	330	79	79
621-64-7	N-Nitrosodi-n-propylamine	27	U	49	27	27
86-30-6	N-Nitrosodiphenylamine	27	U	49	27	21
87-86-5	Pentachlorophenol	79	U	150	79	79
85-01-8	Phenanthrene	110		6.6	3.3	3.3
108-95-2	Phenol	27	U	49	27	27
129-00-0	Pyrene	230		6.6	3.3	3.3
120-82-1	1,2,4-Trichlorobenzene	27	U	49	27	27
95-95-4	2,4,5-Trichlorophenol	27	U	150	27	25
88-06-2	2,4,6-Trichlorophenol	79	U	150	79	79

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: 068SS-0002M-0001-SO | Lab Sample ID: 240-17317-6

Matrix: Solid | Lab File ID: 21121011.D

Analysis Method: 8270C/DoD | Date Collected: 11/06/2012 12:10

Extract. Method: 3540C | Date Extracted: 11/16/2012 11:46

Sample wt/vol: 30.44(g) | Date Analyzed: 11/21/2012 15:12

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 65876 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	59		45-105
367-12-4	2-Fluorophenol (Surr)	60		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	60		35-100
1718-51-0	Terphenyl-d14 (Surr)	73		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	78		35-125
4165-62-2	Phenol-d5 (Surr)	63		40-100

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121011.D
Lims ID: 240-17317-A-6-D
Client ID: 068SS-0002M-0001-SO
Inject. Date: 21-Nov-2012 15:12:30
Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0015157-011
Misc. Info.: 240-17317-a-6-d
Operator: 001710
Instrument ID: A4HP7
Injection Vol: 1.0 ul
ALS Bottle#: 11
Lims Batch ID: 65876
Lims Sample ID: 11
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\8270_hp7.m
Last Update: 23-Nov-2012 10:11:01
Calib Date: 14-Nov-2012 18:19:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP7\20121114-14953.b\21114010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: 5% phenyl
Column Dia: 0.18 mm
Process Host: XAWRK037

First Level Reviewer: gruberj
Date: 21-Nov-2012 15:59:49

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.874	5.863	0.011	94	161655	4.00	
* 2 Naphthalene-d8	136	6.986	6.986	0.0	98	600499	4.00	
* 3 Acenaphthene-d10	164	8.479	8.479	0.0	92	358465	4.00	
* 4 Phenanthrene-d10	188	9.741	9.736	0.005	98	615964	4.00	
* 5 Chrysene-d12	240	12.255	12.255	0.0	97	663137	4.00	
* 6 Perylene-d12	264	14.298	14.298	0.0	97	527341	4.00	
$ 7 2-Fluorophenol	112	4.676	4.595	0.081	92	448112	8.97	
$ 8 Phenol-d5	99	5.521	5.510	0.011	96	603717	9.52	
$ 9 Nitrobenzene-d5	82	6.361	6.355	0.006	84	317943	6.02	
$ 10 2-Fluorobiphenyl (Surr)	172	7.896	7.896	0.0	99	682609	5.87	
$ 11 2,4,6-Tribromophenol	330	9.147	9.147	0.0	90	173304	11.7	
$ 12 Terphenyl-d14	244	11.083	11.083	0.0	97	898056	7.31	
41 Phenol	94		5.521					24
44 Bis(2-chloroethyl)ether	93		5.617					
46 2-Chlorophenol	128		5.671					9
47 1,3-Dichlorobenzene	146		5.815					9
48 1,4-Dichlorobenzene	146		5.879					9
49 Benzyl alcohol	108	5.986	5.981	0.005	65	8518	0.2530	
50 1,2-Dichlorobenzene	146		6.018					9
51 2-Methylphenol	108		6.072					
52 2,2'-oxybis[1-chloropropane]	45		6.098					
191 3 & 4 Methylphenol	108		6.200					
56 N-Nitrosodi-n-propylamine	70		6.211					9
60 Hexachloroethane	117		6.323					9
61 Nitrobenzene	77		6.371					9
63 Isophorone	82	6.580	6.574	0.006	81	32652	0.3409	
65 2-Nitrophenol	139		6.649					
64 2,4-Dimethylphenol	107		6.671					
69 Benzoic acid	122		6.735					
68 Bis(2-chloroethoxy)methane	93		6.756					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
71 2,4-Dichlorophenol	162		6.853					
72 1,2,4-Trichlorobenzene	180		6.933					
73 Naphthalene	128	7.008	7.002	0.006	67	58385	0.3891	
74 4-Chloroaniline	127		7.040					
77 Hexachlorobutadiene	225		7.104					
84 4-Chloro-3-methylphenol	107		7.436					
85 2-Methylnaphthalene	142	7.596	7.596	0.0	90	53722	0.5597	
88 Hexachlorocyclopentadiene	237		7.724					
90 2,4,6-Trichlorophenol	196		7.826					9
91 2,4,5-Trichlorophenol	196		7.853					9
98 2-Chloronaphthalene	162		8.008					9
100 2-Nitroaniline	65		8.083					
103 Dimethyl phthalate	163	8.222	8.222	0.0	67	12388	0.1177	
105 2,6-Dinitrotoluene	165		8.281					
107 Acenaphthylene	152	8.366	8.361	0.005	92	70314	0.4300	
108 3-Nitroaniline	138		8.425					
110 Acenaphthene	153	8.511	8.511	0.0	70	14965	0.1522	
109 2,4-Dinitrophenol	184		8.516					
111 4-Nitrophenol	109		8.548					
112 2,4-Dinitrotoluene	165		8.623					
114 Dibenzofuran	168	8.655	8.655	0.0	86	43083	0.2952	
119 Diethyl phthalate	149	8.810	8.816	-0.006	76	43936	0.3992	
121 4-Chlorophenyl phenyl ether	204		8.928					9
123 4-Nitroaniline	138		8.944					
124 Fluorene	166	8.944	8.944	0.0	84	21150	0.1805	
126 4,6-Dinitro-2-methylphenol	198		8.965					
130 N-Nitrosodiphenylamine	169		9.024					
137 4-Bromophenyl phenyl ether	248		9.345					
139 Hexachlorobenzene	284		9.409					
141 Pentachlorophenol	266		9.564					
146 Phenanthrene	178	9.757	9.757	0.0	95	293270	1.74	
147 Anthracene	178	9.800	9.800	0.0	93	105197	0.6292	
149 Carbazole	167	9.928	9.928	0.0	63	72038	0.4435	
151 Di-n-butyl phthalate	149	10.190	10.185	0.005	62	110935	0.6082	M
157 Fluoranthene	202	10.768	10.762	0.006	92	795271	4.28	
160 Pyrene	202	10.971	10.971	0.0	95	730414	3.45	
166 Butyl benzyl phthalate	149		11.549					
173 3,3'-Dichlorobenzidine	252		12.191					
171 Bis(2-ethylhexyl) phthalate	149	12.212	12.207	0.005	62	89666	0.9265	
175 Benzo[a]anthracene	228	12.244	12.244	0.0	95	448909	2.43	
176 Chrysene	228	12.292	12.287	0.005	93	648289	3.68	
178 Di-n-octyl phthalate	149		13.100					
180 Benzo[b]fluoranthene	252	13.726	13.726	0.0	96	1055959	6.28	
181 Benzo[k]fluoranthene	252	13.747	13.763	-0.016	99	463071	2.53	M
182 Benzo[a]pyrene	252	14.218	14.212	0.006	69	401652	2.46	
186 Indeno[1,2,3-cd]pyrene	276	15.935	15.929	0.006	86	269441	1.52	
187 Dibenz(a,h)anthracene	278	15.956	15.956	0.0	46	64099	0.5607	
188 Benzo[g,h,i]perylene	276	16.363	16.362	0.001	86	274000	1.81	

QC Flag Legend

Processing Flags
2 - Failed Coelution Test
4 - Failed Signal Ratio Test
9 - Failed A Reference Spectral Test

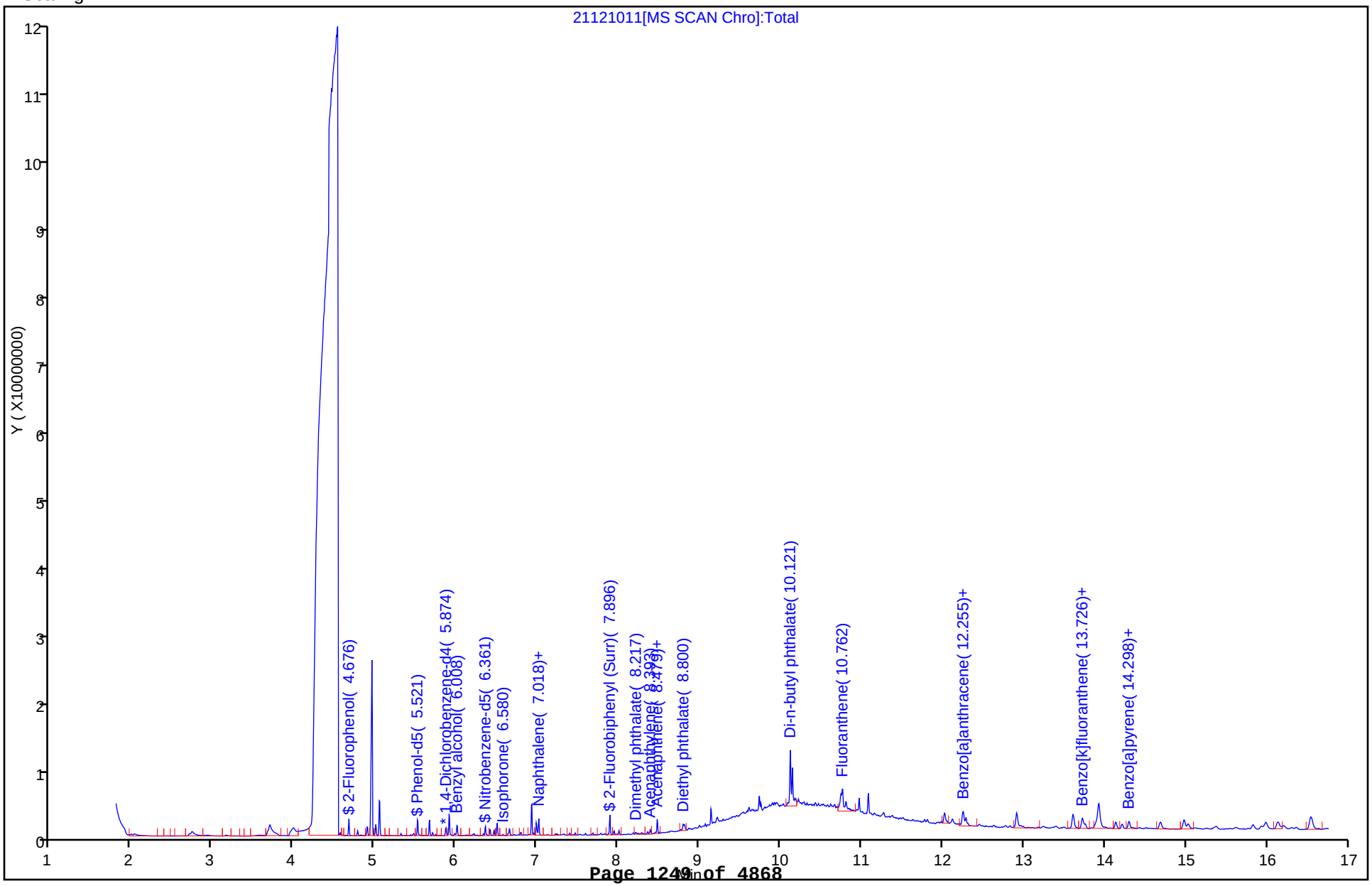
Review Flags
M - Manually Integrated

Report Date: 23-Nov-2012 10:11:17 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121011.D		
Injection Date:	21-Nov-2012 15:12:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0002M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	11
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:

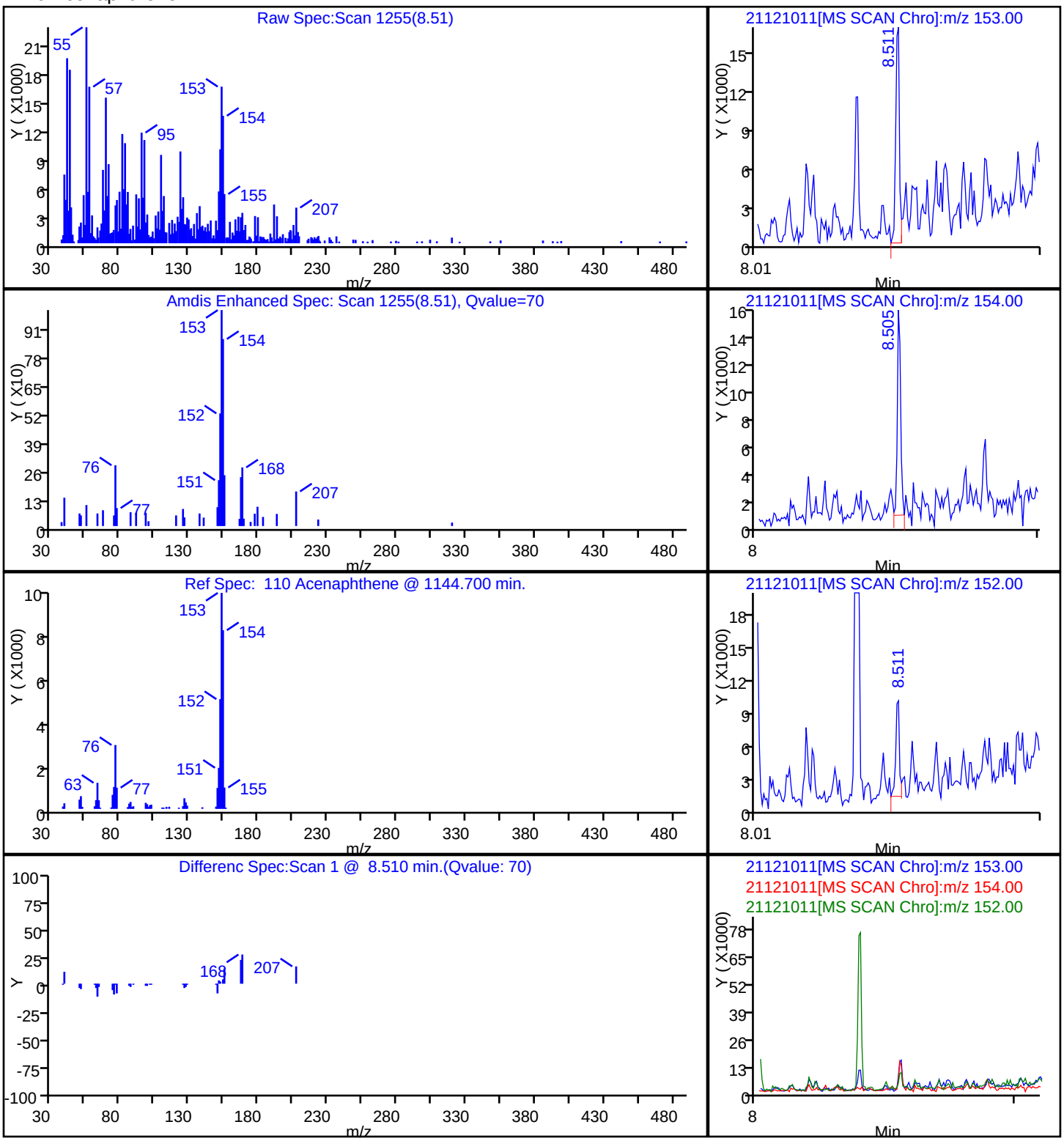


Report Date: 23-Nov-2012 10:11:17 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121011.D		
Injection Date:	21-Nov-2012 15:12:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0002M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	11
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

110 Acenaphthene



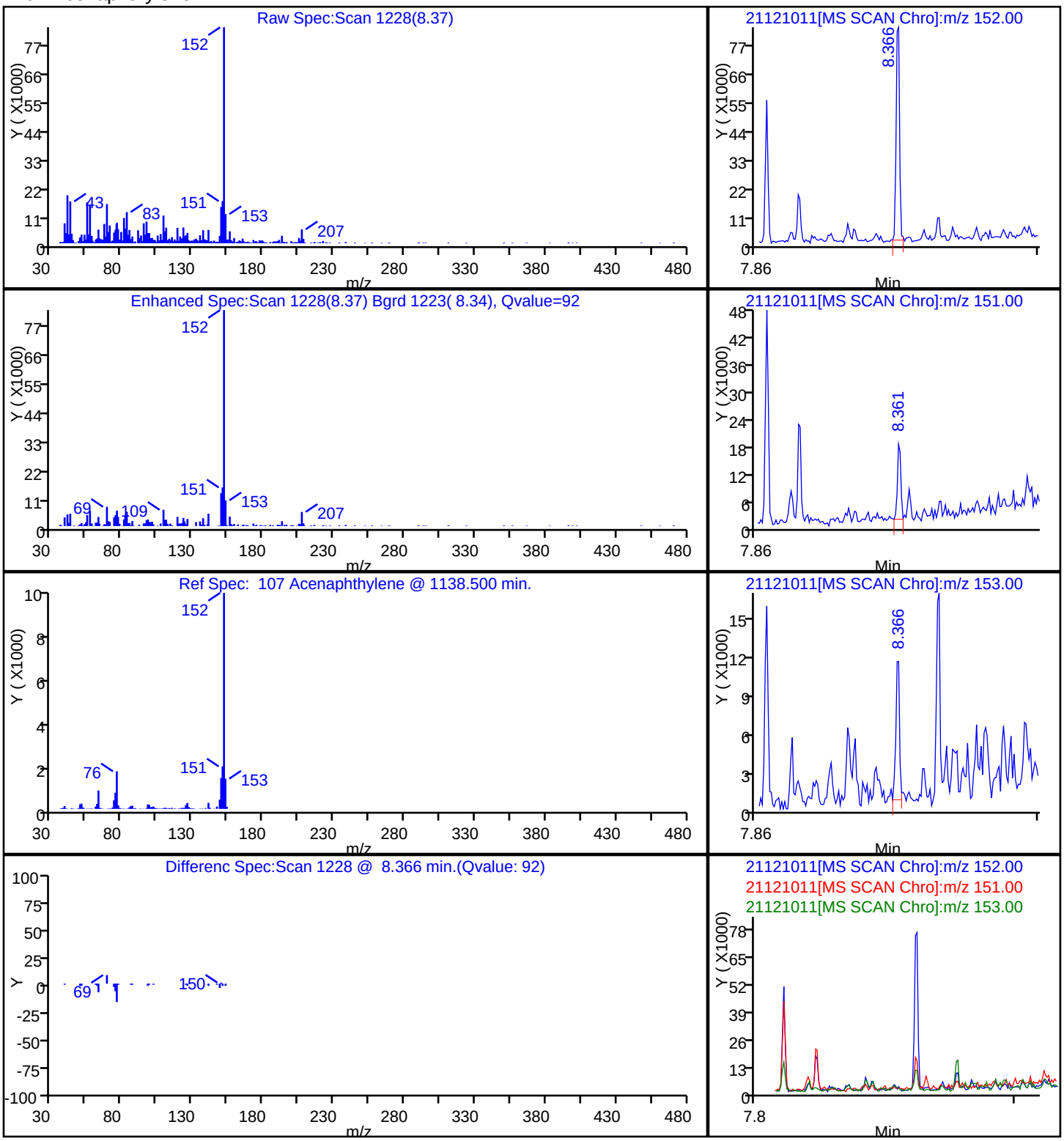
Report Date: 23-Nov-2012 10:11:17 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121011.D

Injection Date:	21-Nov-2012 15:12:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0002M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	11
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

107 Acenaphthylene

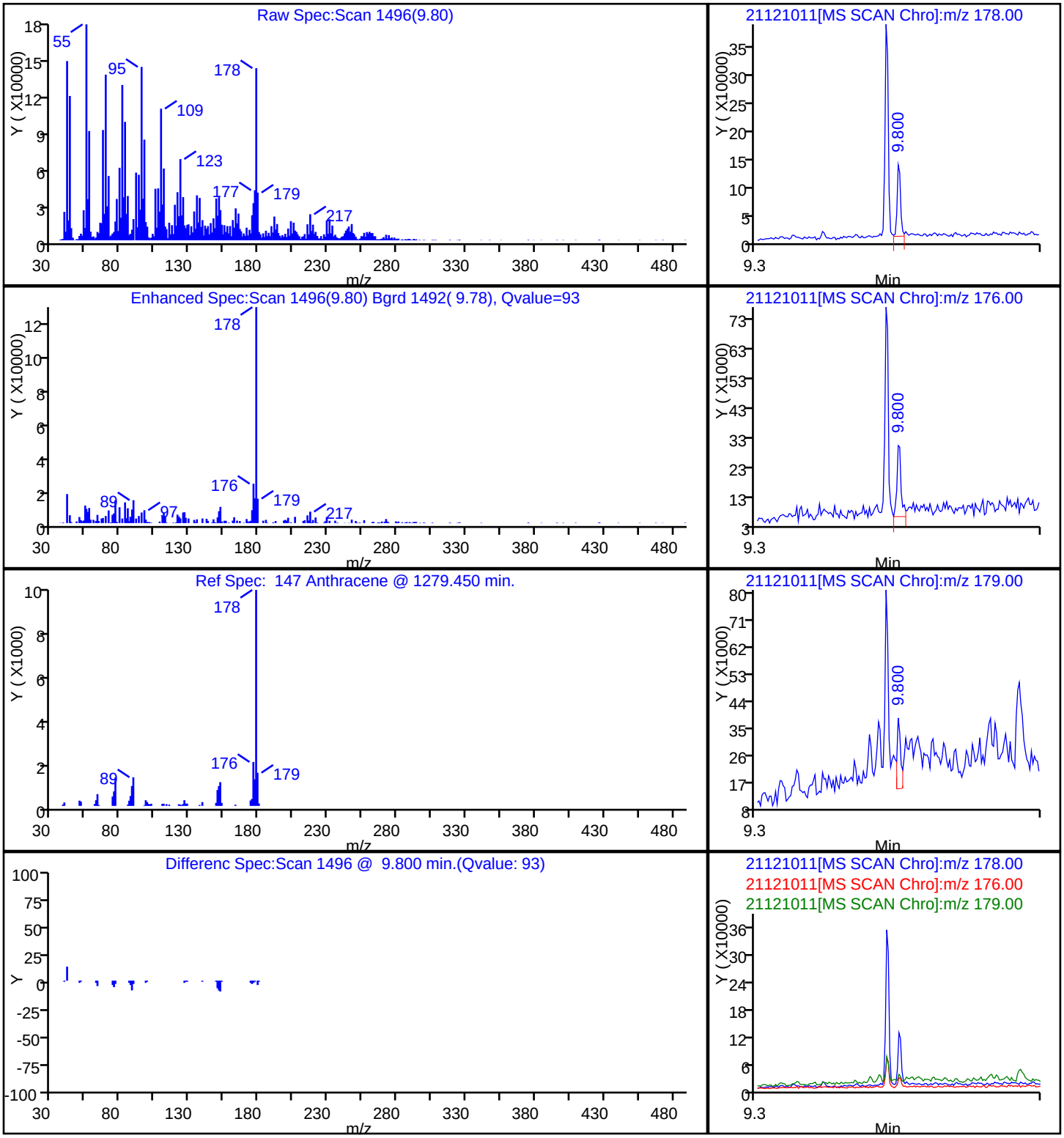


Report Date: 23-Nov-2012 10:11:17 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121011.D		
Injection Date:	21-Nov-2012 15:12:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0002M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	11
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

147 Anthracene



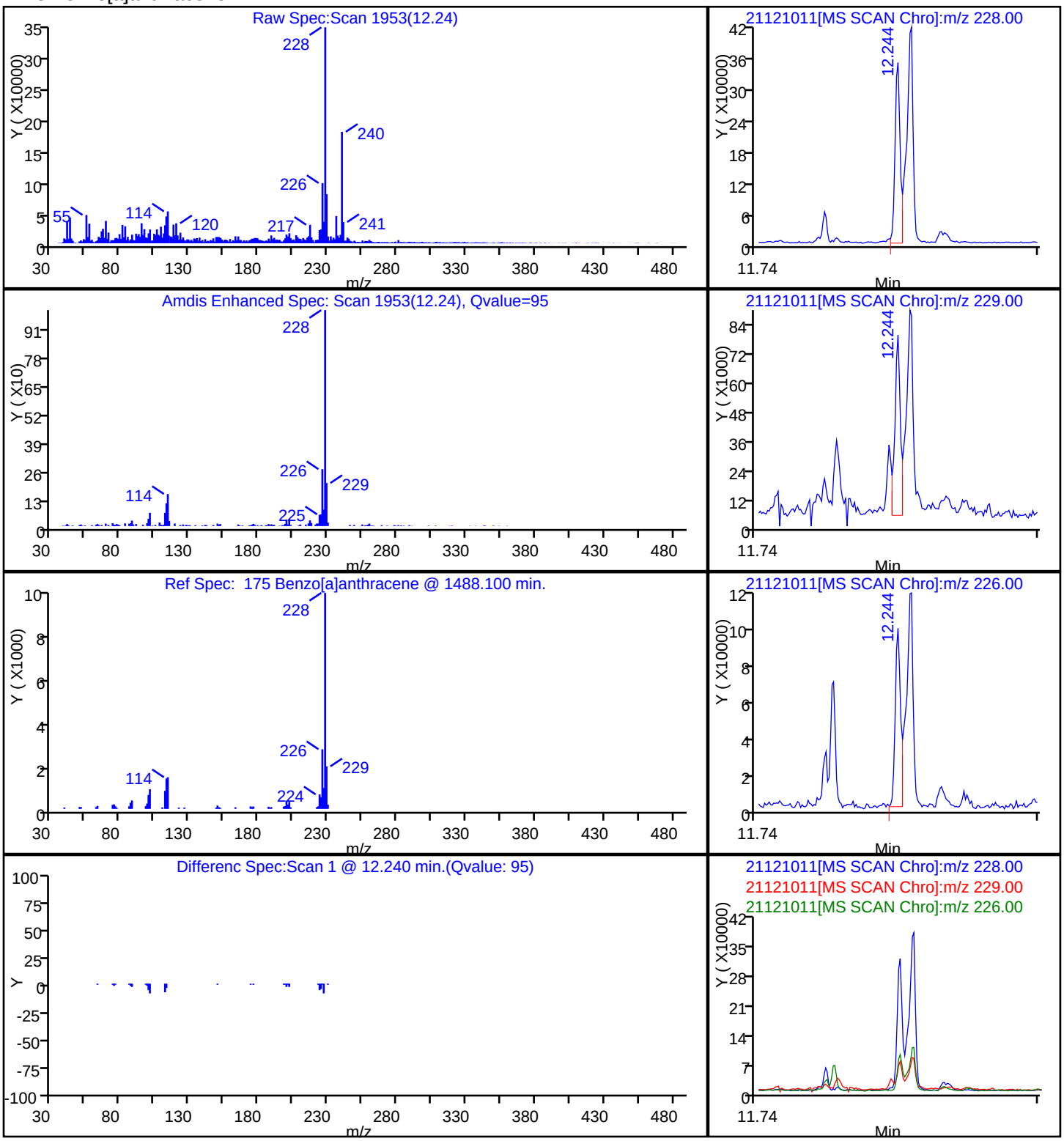
Report Date: 23-Nov-2012 10:11:17 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121011.D

Injection Date:	21-Nov-2012 15:12:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0002M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	11
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

175 Benzo[a]anthracene

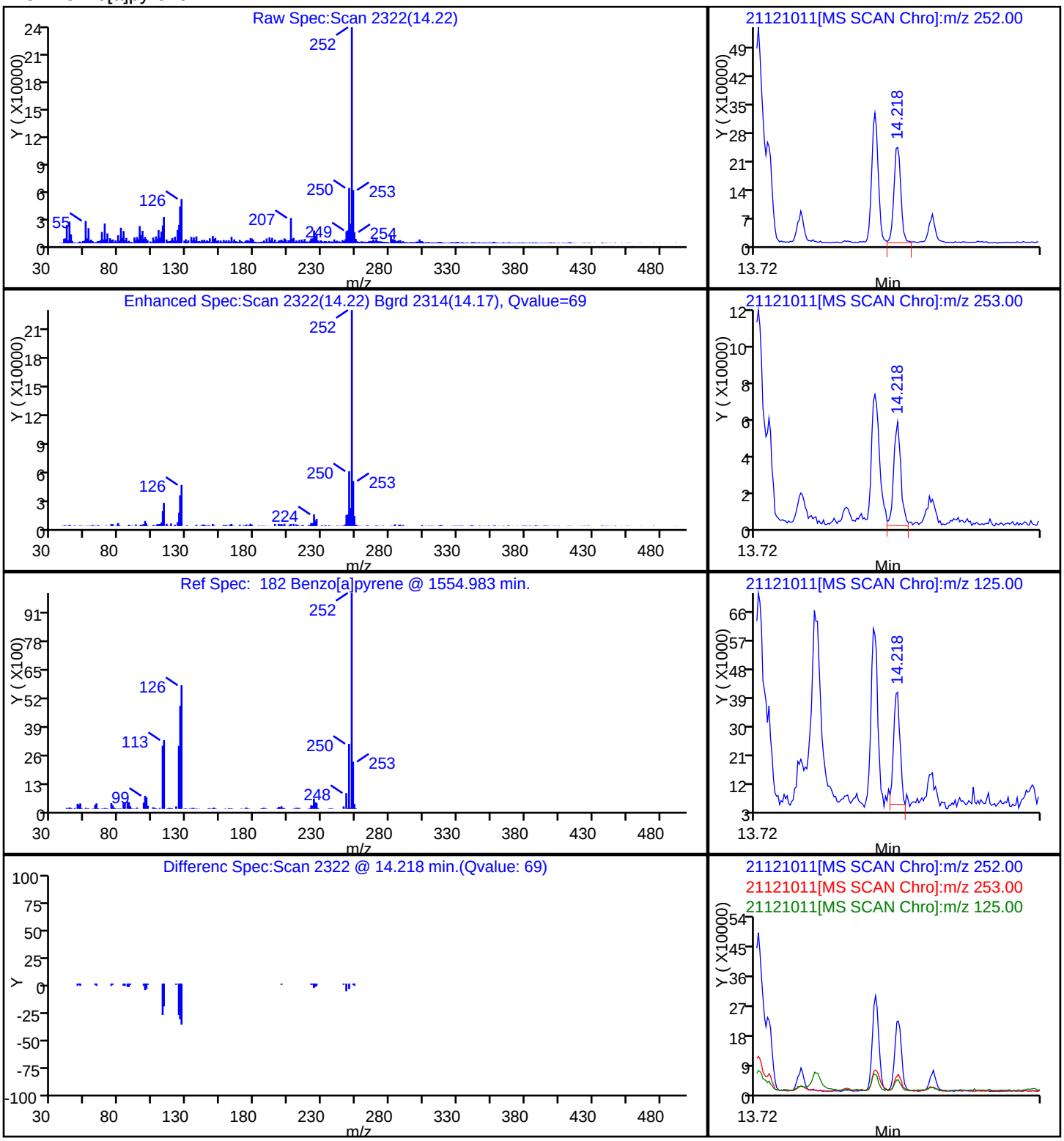


Report Date: 23-Nov-2012 10:11:17 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121011.D		
Injection Date:	21-Nov-2012 15:12:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0002M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	11
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

182 Benzo[a]pyrene

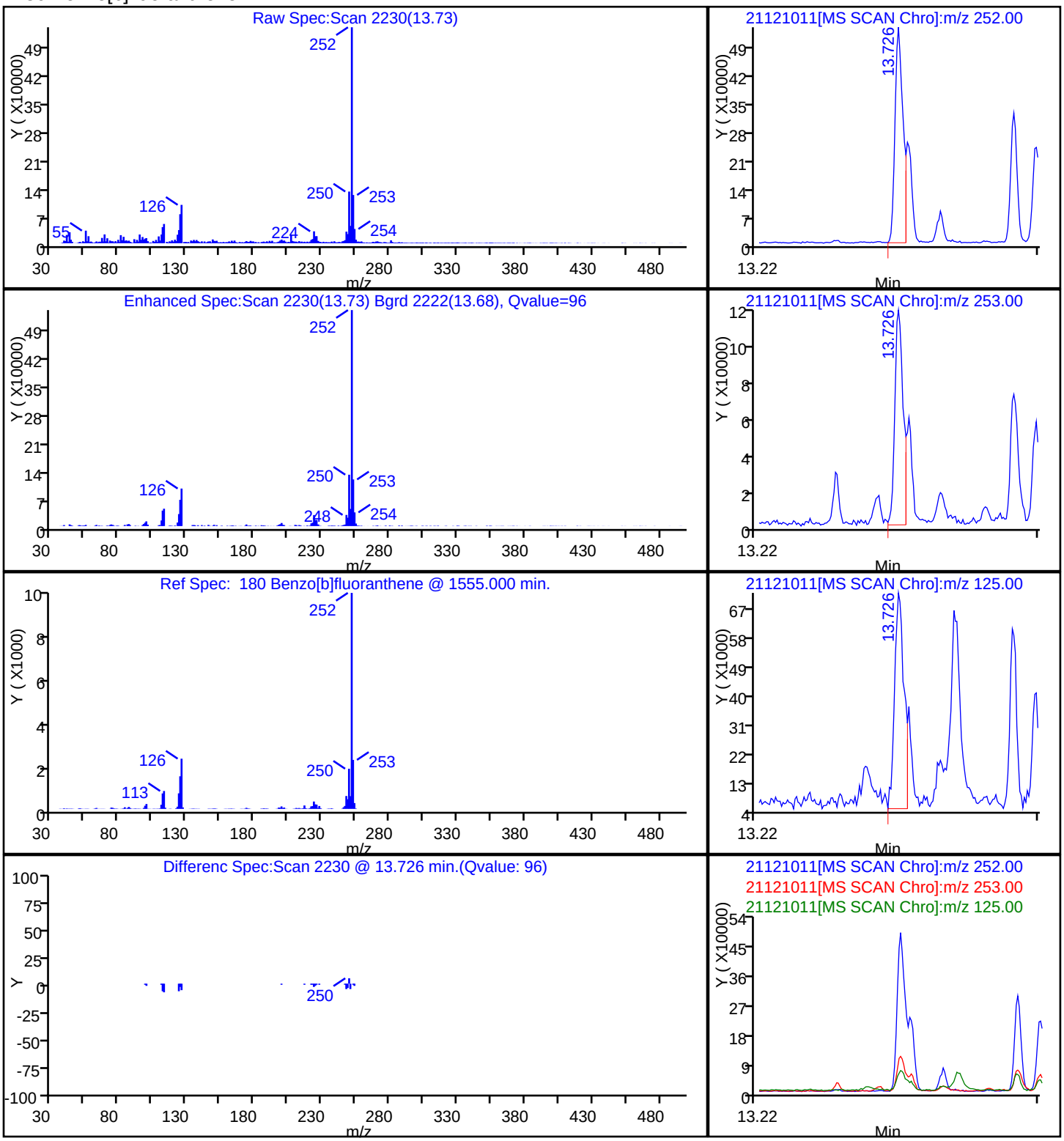


Report Date: 23-Nov-2012 10:11:17 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121011.D		
Injection Date:	21-Nov-2012 15:12:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0002M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	11
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

180 Benzo[b]fluoranthene



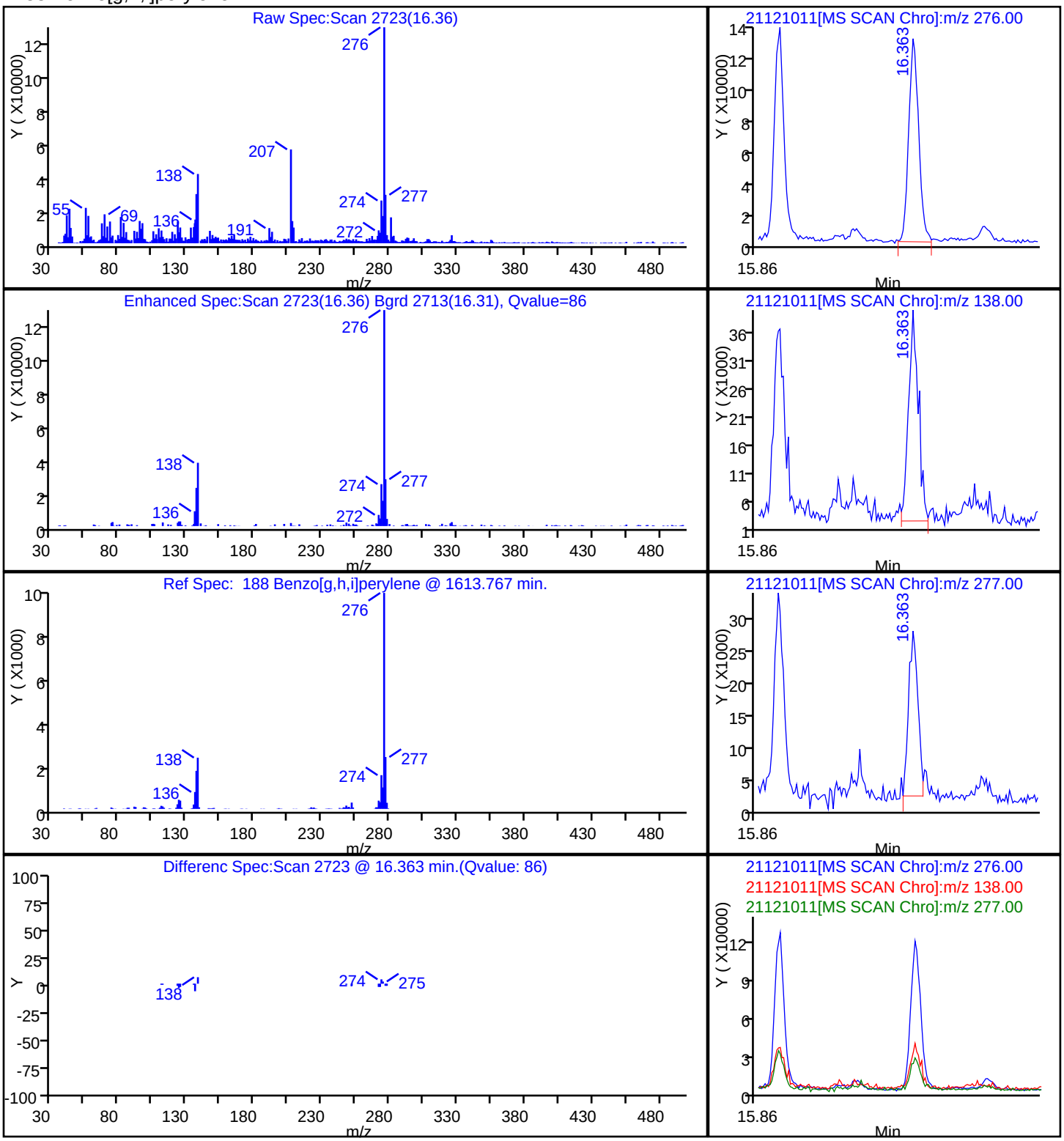
Report Date: 23-Nov-2012 10:11:18 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121011.D

Injection Date:	21-Nov-2012 15:12:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0002M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	11
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

188 Benzo[g,h,i]perylene



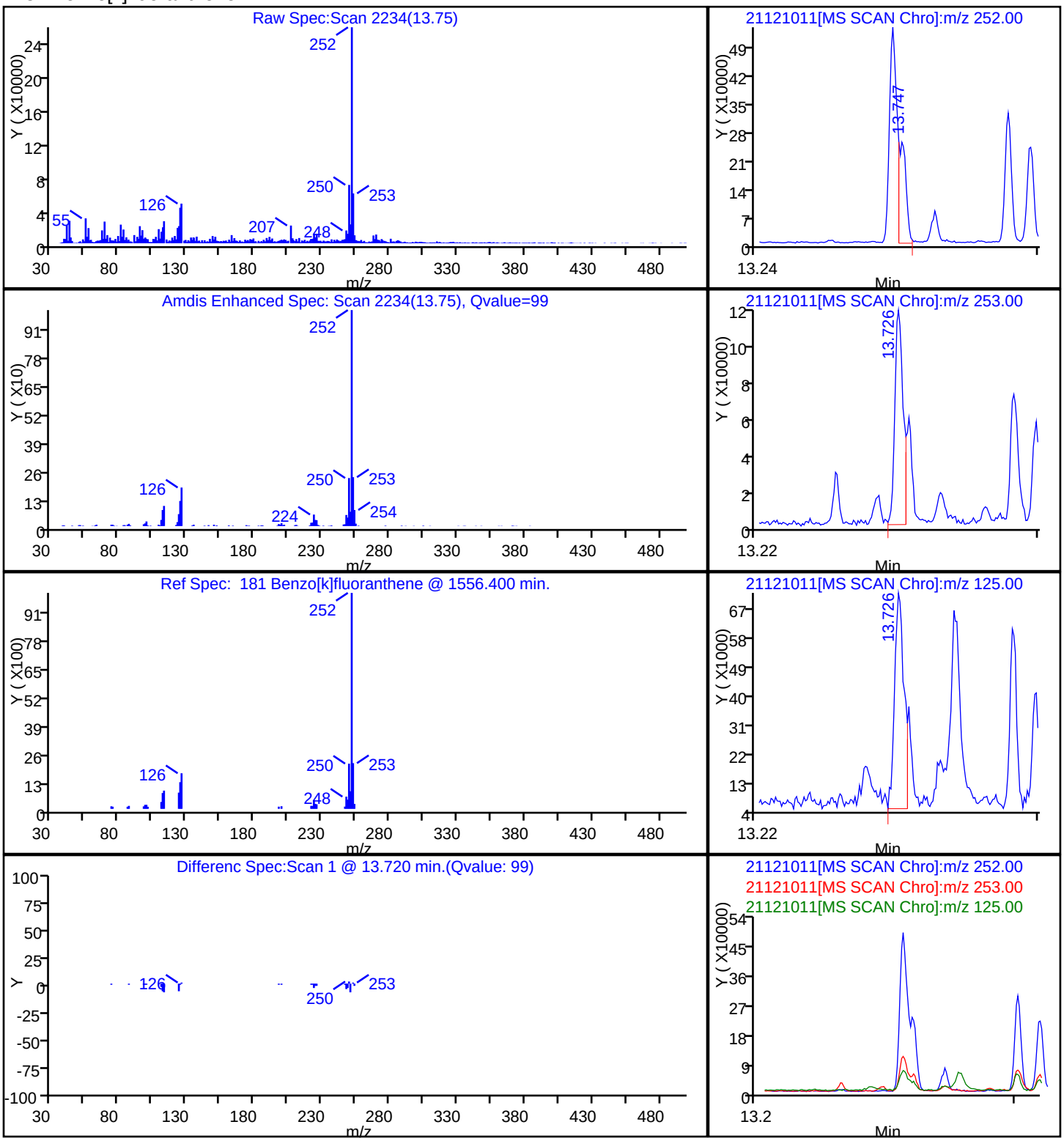
Report Date: 23-Nov-2012 10:11:17 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121011.D

Injection Date:	21-Nov-2012 15:12:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0002M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	11
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

181 Benzo[k]fluoranthene

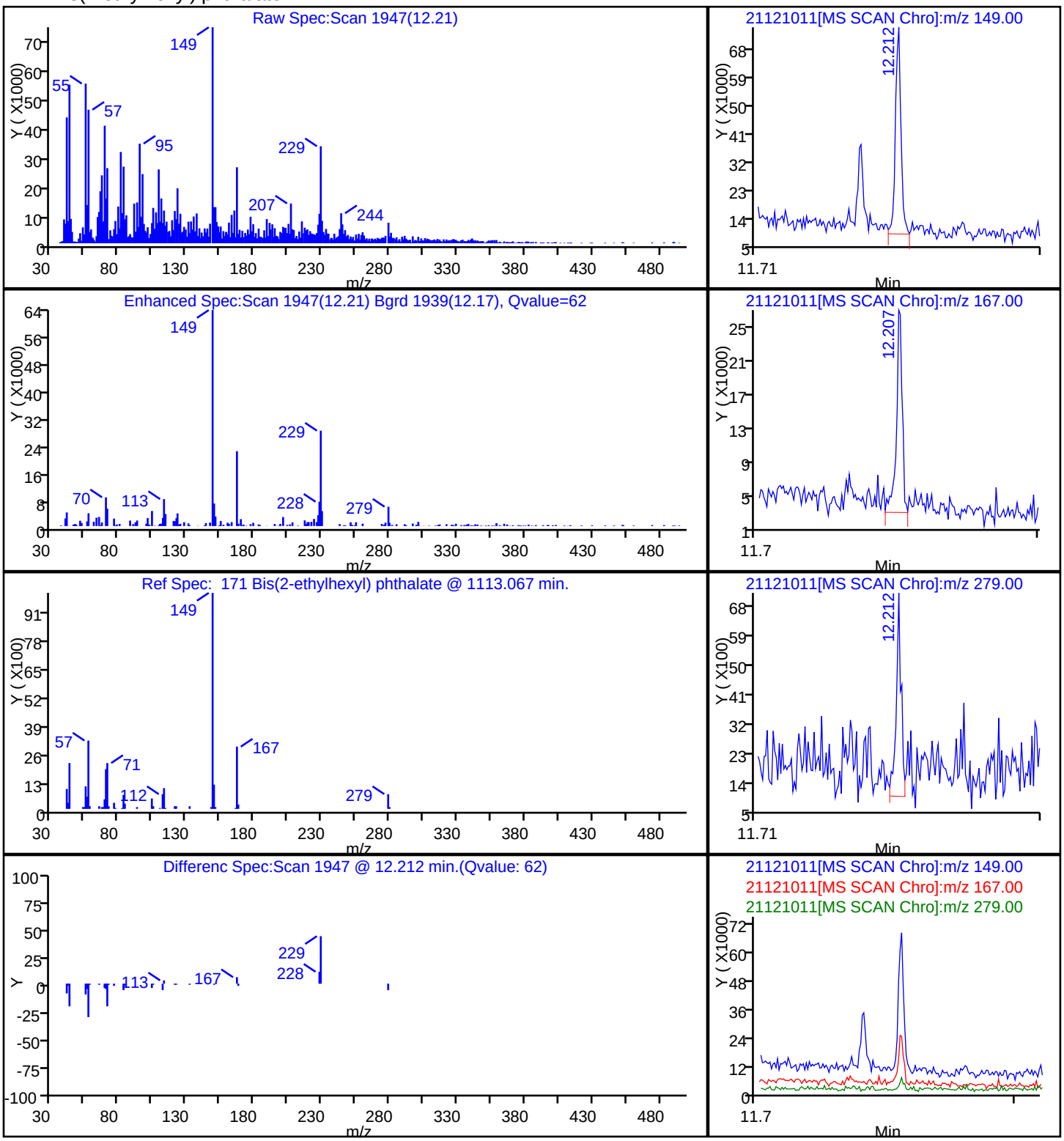


Report Date: 23-Nov-2012 10:11:17 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121011.D		
Injection Date:	21-Nov-2012 15:12:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0002M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	11
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

171 Bis(2-ethylhexyl) phthalate

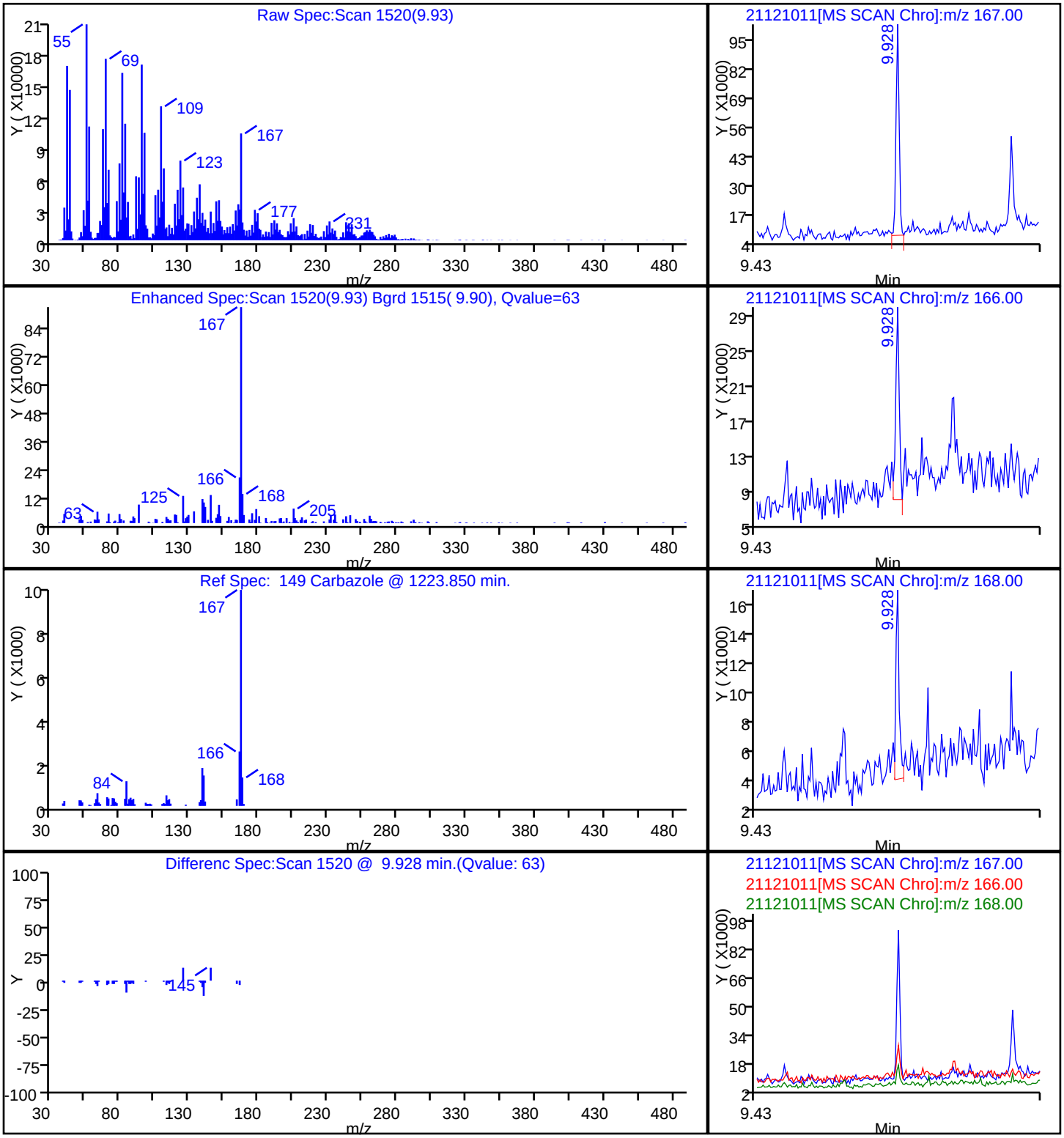


Report Date: 23-Nov-2012 10:11:17 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121011.D		
Injection Date:	21-Nov-2012 15:12:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0002M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	11
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

149 Carbazole



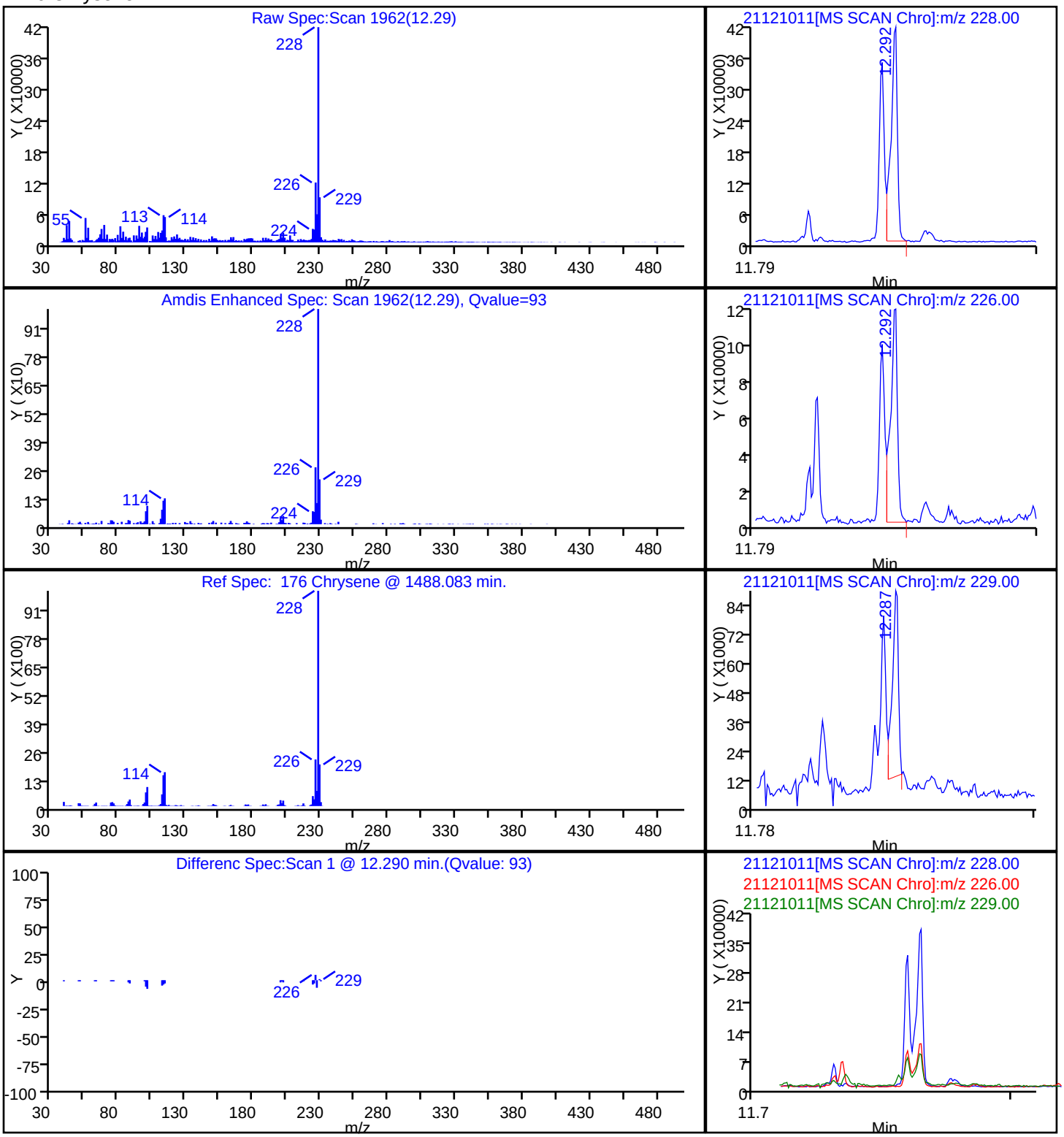
Report Date: 23-Nov-2012 10:11:17 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121011.D

Injection Date:	21-Nov-2012 15:12:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0002M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	11
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

176 Chrysene



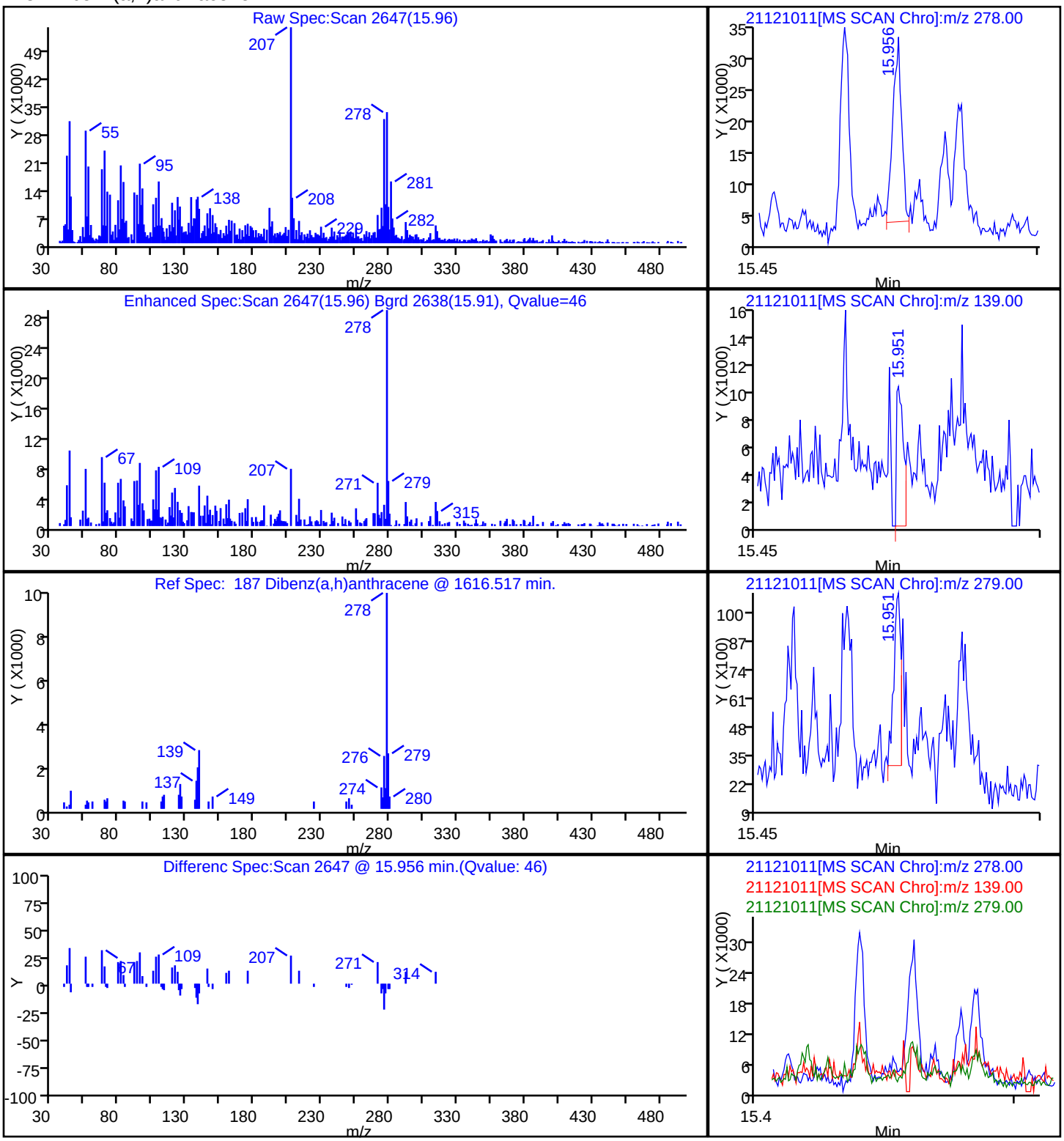
Report Date: 23-Nov-2012 10:11:18 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121011.D

Injection Date:	21-Nov-2012 15:12:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0002M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	11
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

187 Dibenz(a,h)anthracene

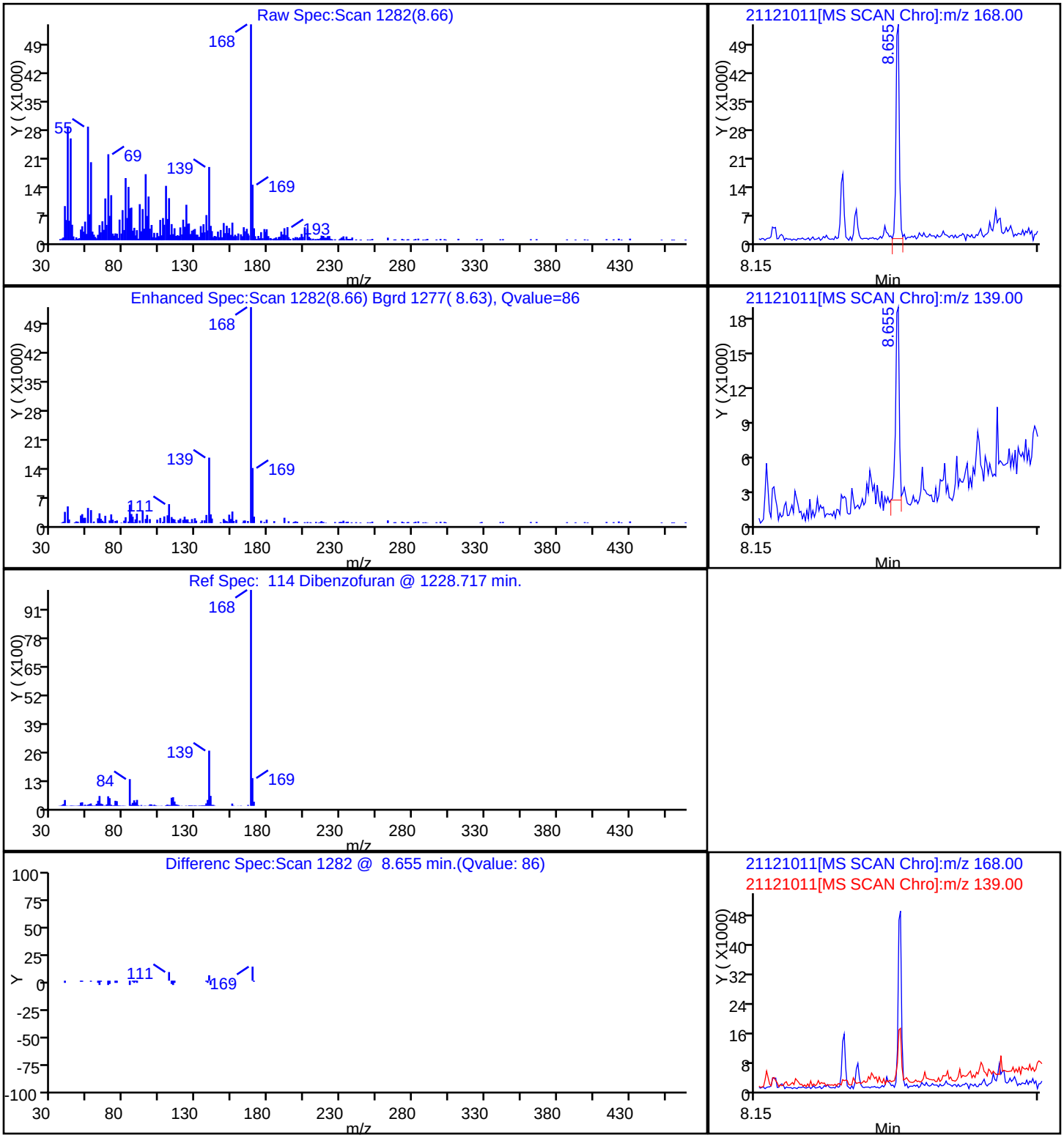


Report Date: 23-Nov-2012 10:11:17 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121011.D		
Injection Date:	21-Nov-2012 15:12:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0002M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	11
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

114 Dibenzofuran



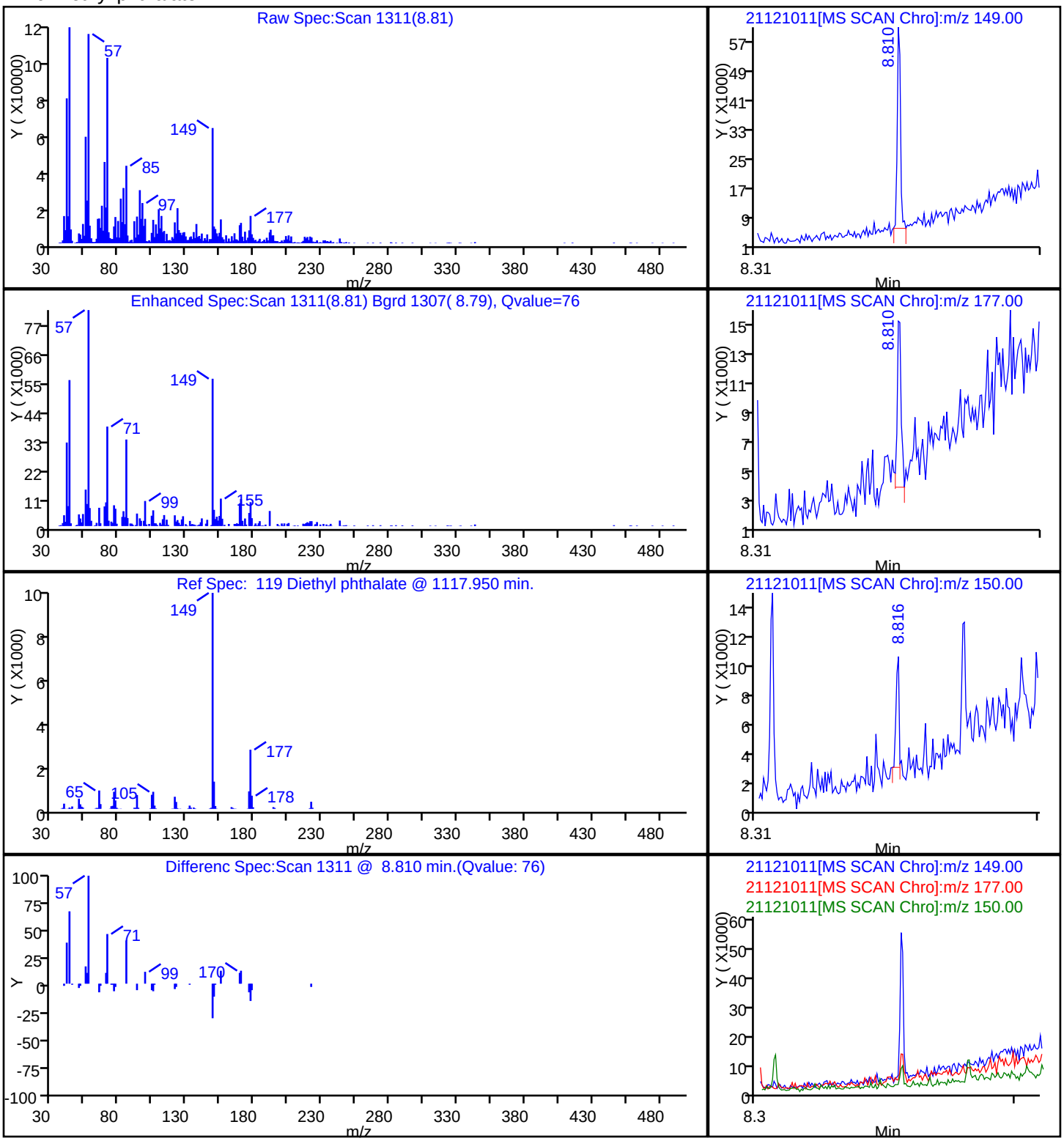
Report Date: 23-Nov-2012 10:11:17 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121011.D

Injection Date:	21-Nov-2012 15:12:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0002M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	11
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

119 Diethyl phthalate



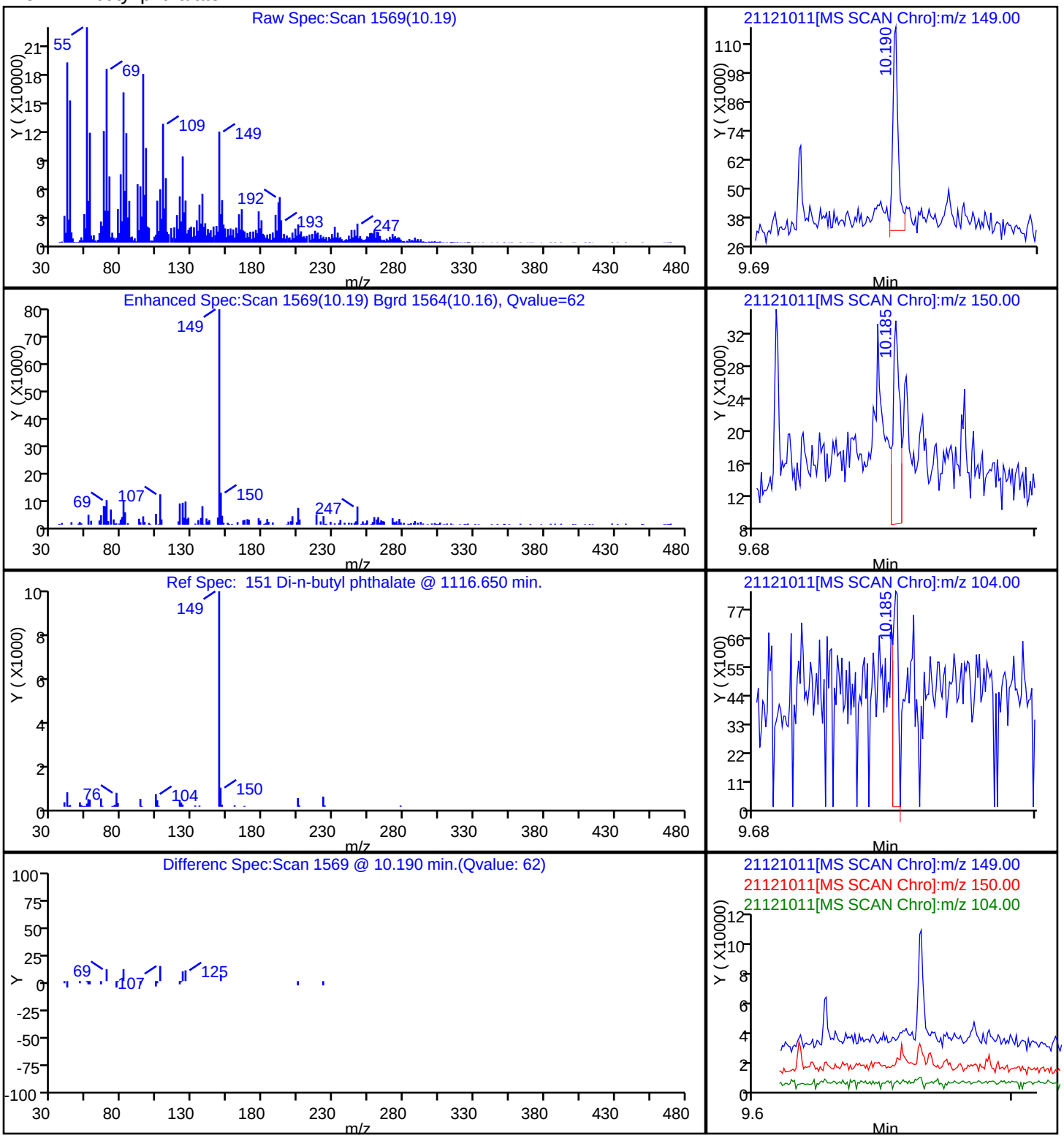
Report Date: 23-Nov-2012 10:11:17 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121011.D

Injection Date:	21-Nov-2012 15:12:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0002M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	11
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

151 Di-n-butyl phthalate



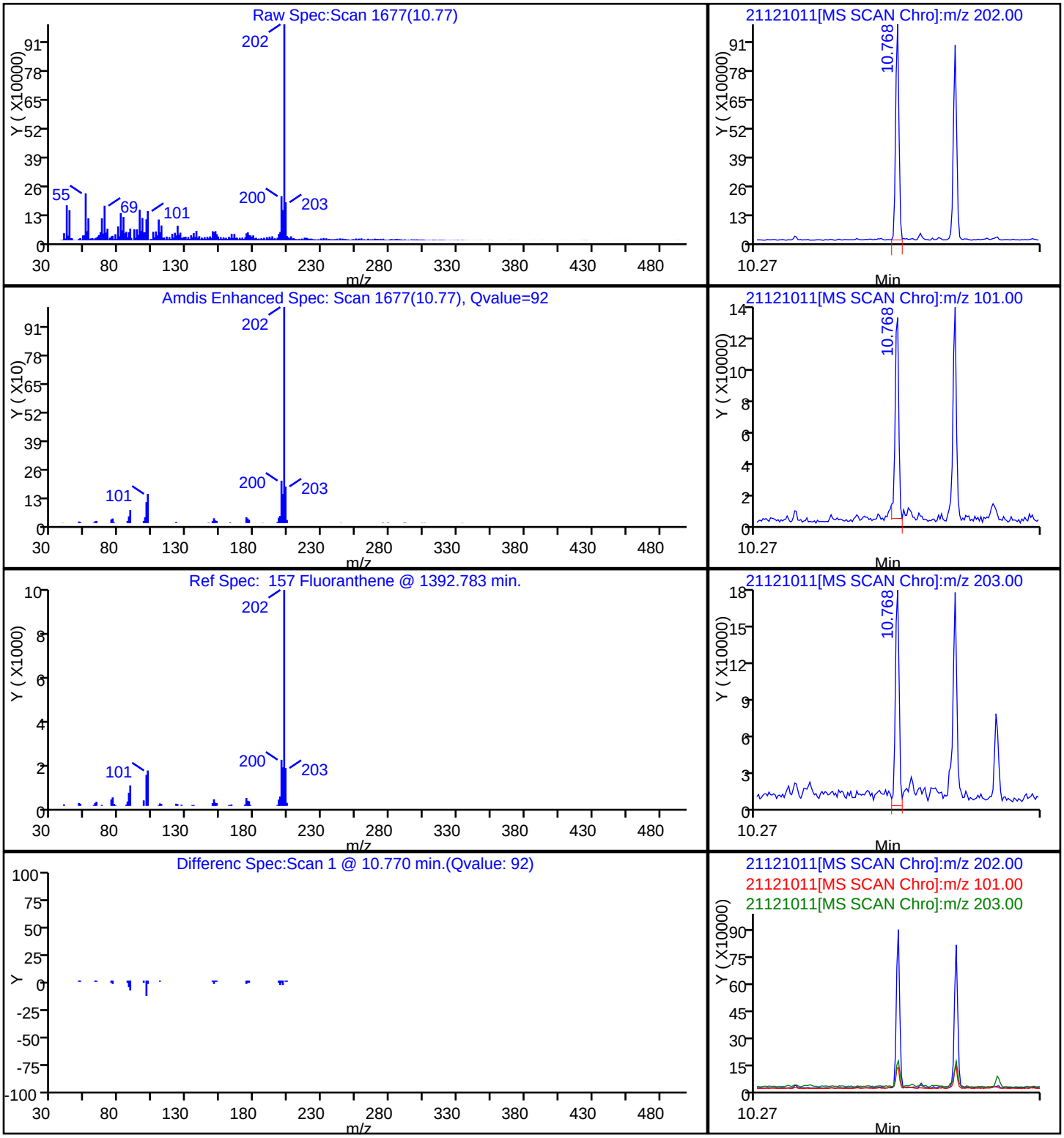
Report Date: 23-Nov-2012 10:11:17 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121011.D

Injection Date:	21-Nov-2012 15:12:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0002M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	11
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

157 Fluoranthene



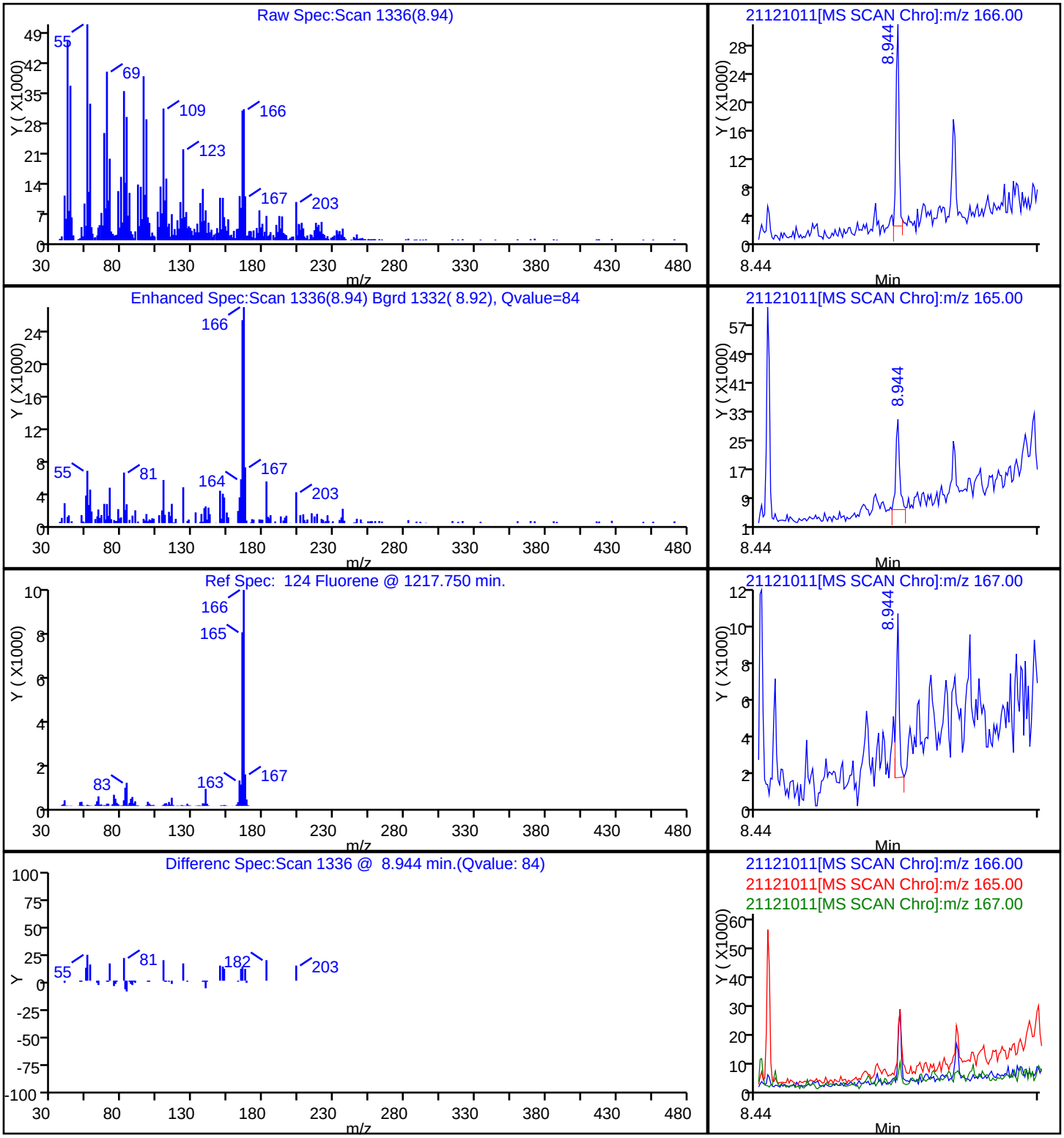
Report Date: 23-Nov-2012 10:11:17 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121011.D

Injection Date:	21-Nov-2012 15:12:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0002M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	11
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

124 Fluorene



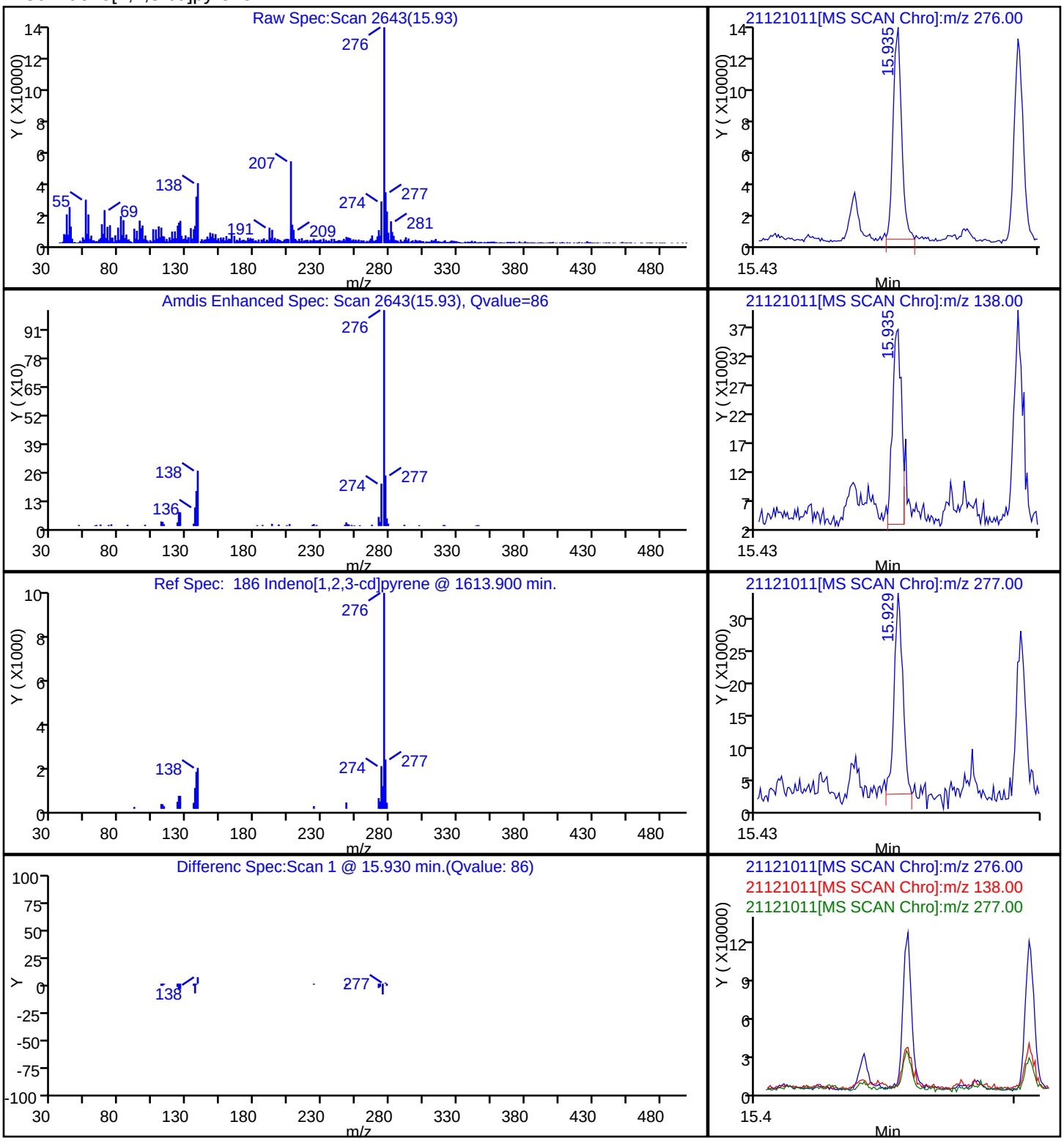
Report Date: 23-Nov-2012 10:11:17 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121011.D

Injection Date:	21-Nov-2012 15:12:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0002M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	11
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

186 Indeno[1,2,3-cd]pyrene



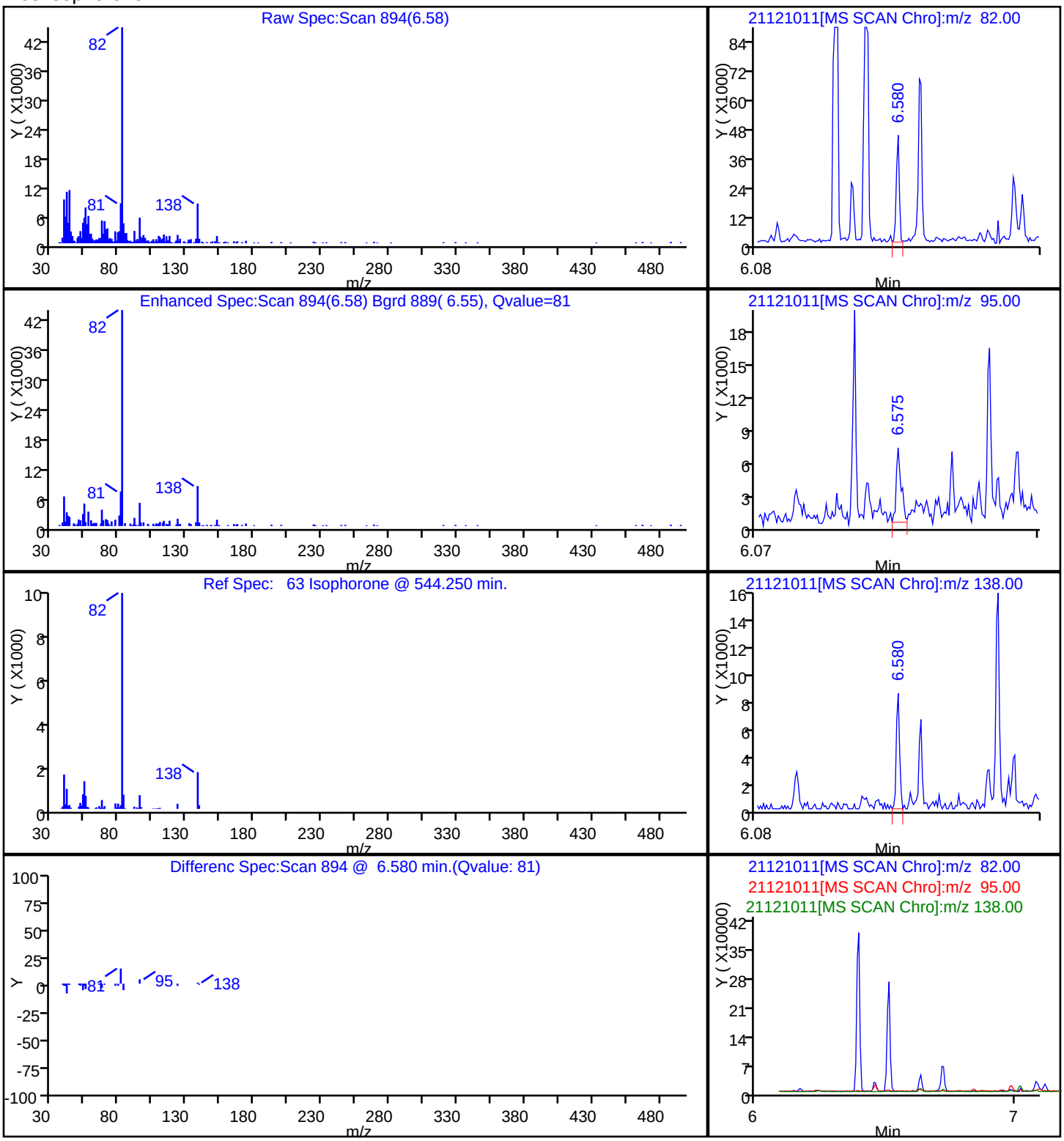
Report Date: 23-Nov-2012 10:11:17 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121011.D

Injection Date:	21-Nov-2012 15:12:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0002M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	11
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

63 Isophorone



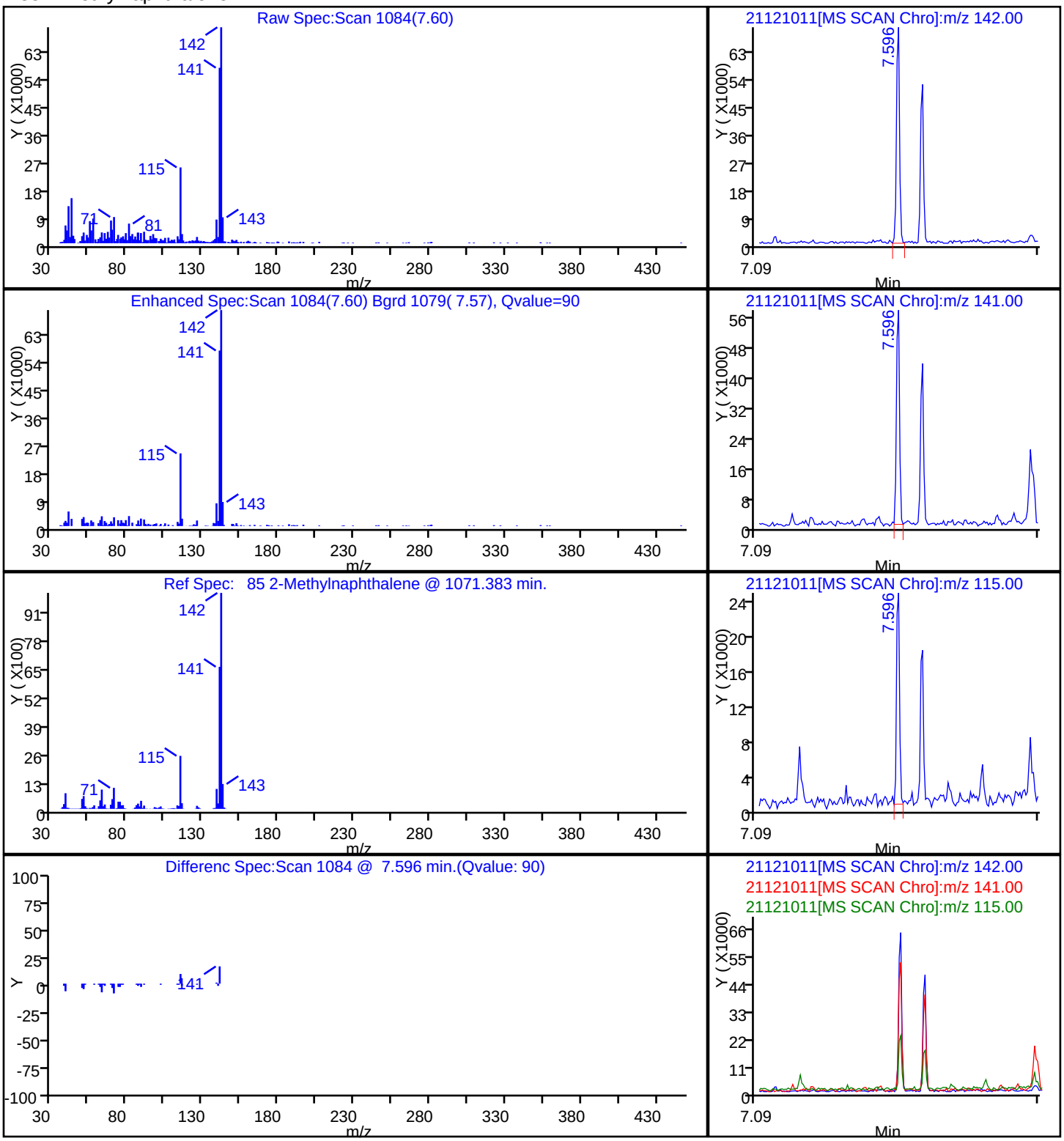
Report Date: 23-Nov-2012 10:11:17 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121011.D

Injection Date:	21-Nov-2012 15:12:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0002M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	11
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

85 2-Methylnaphthalene



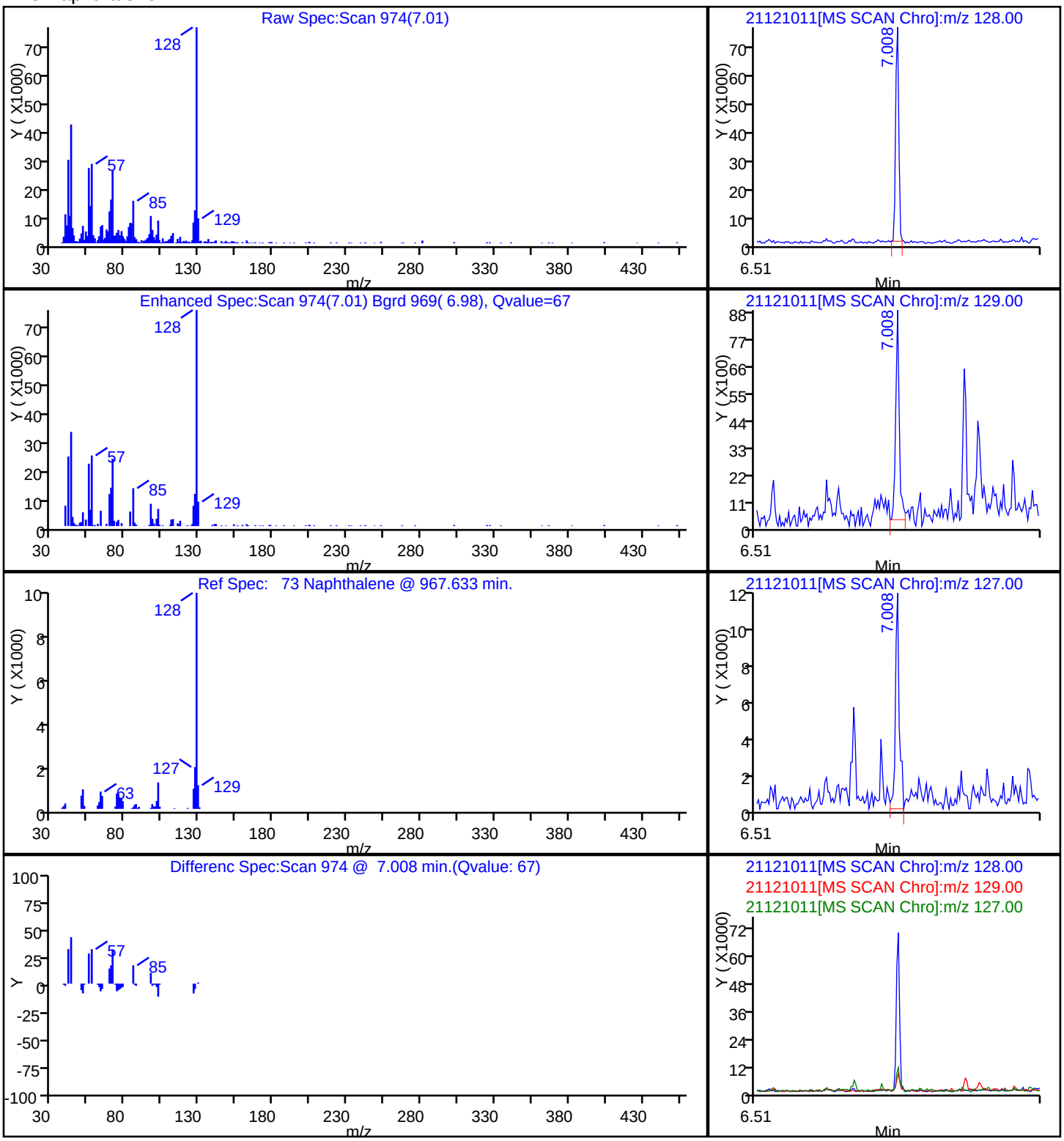
Report Date: 23-Nov-2012 10:11:17 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121011.D

Injection Date:	21-Nov-2012 15:12:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0002M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	11
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

73 Naphthalene

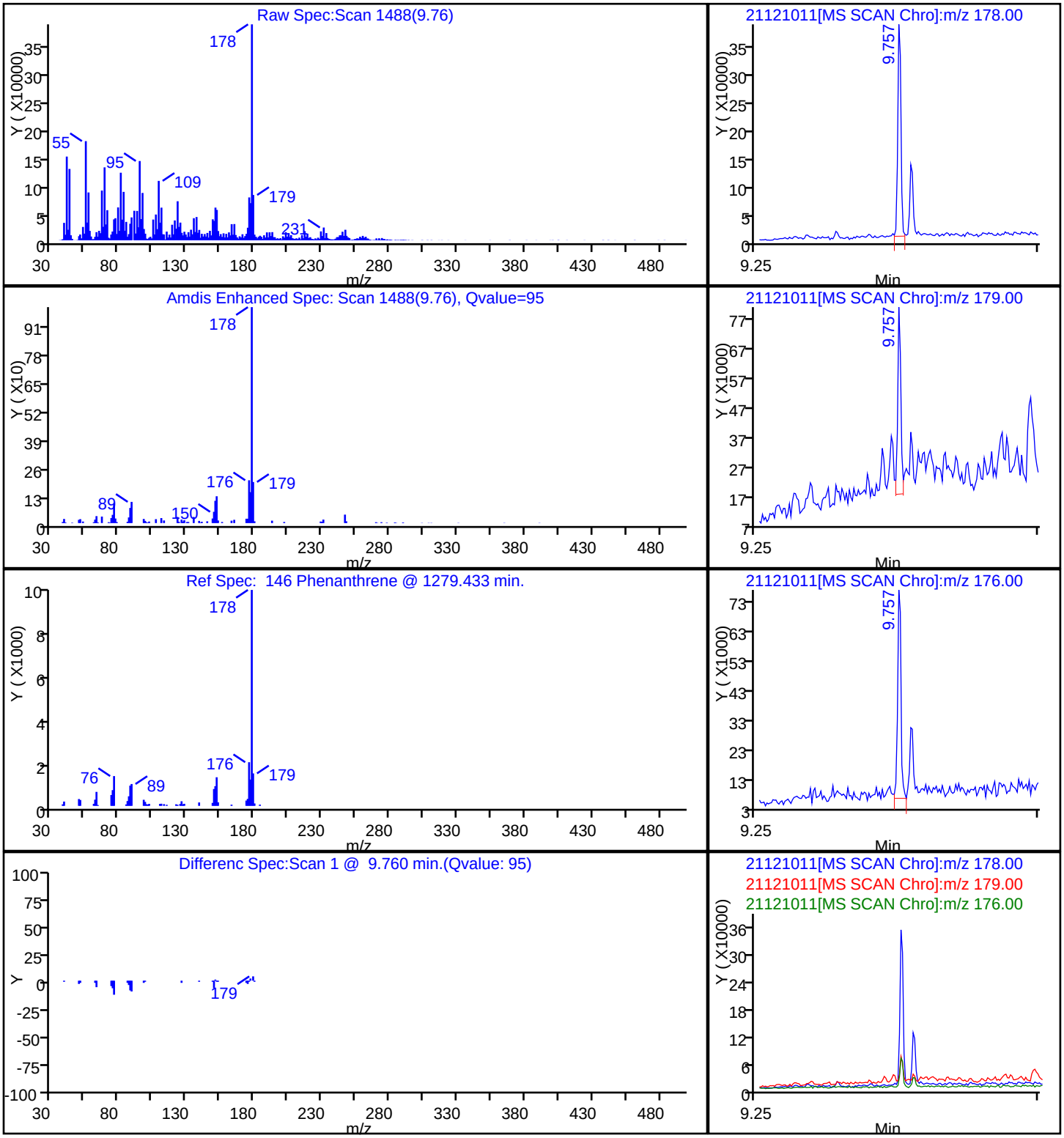


Report Date: 23-Nov-2012 10:11:17 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121011.D		
Injection Date:	21-Nov-2012 15:12:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0002M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	11
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

146 Phenanthrene



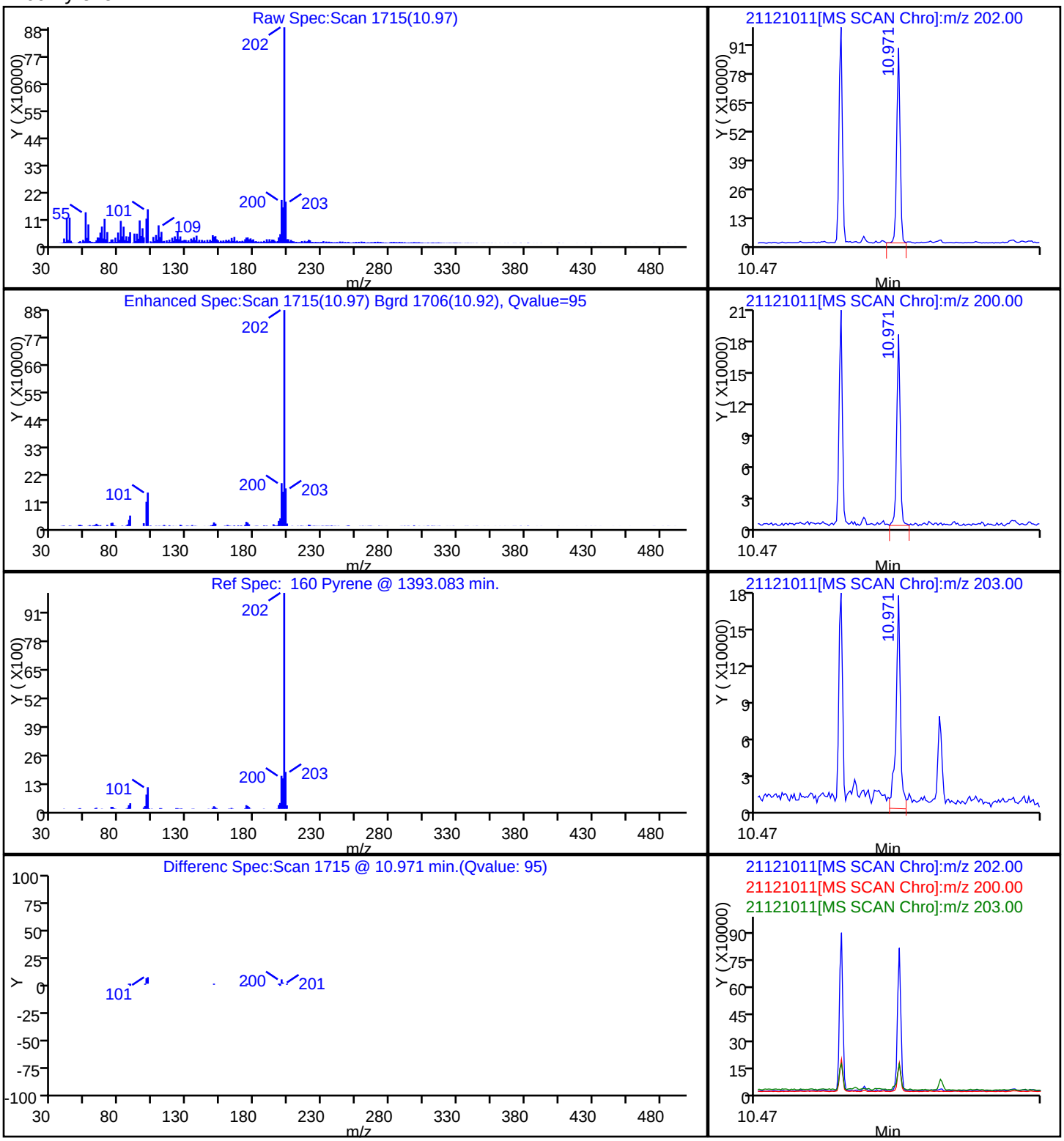
Report Date: 23-Nov-2012 10:11:17 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121011.D

Injection Date:	21-Nov-2012 15:12:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0002M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	11
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

160 Pyrene



Manual Integration/User Assign Peak Report

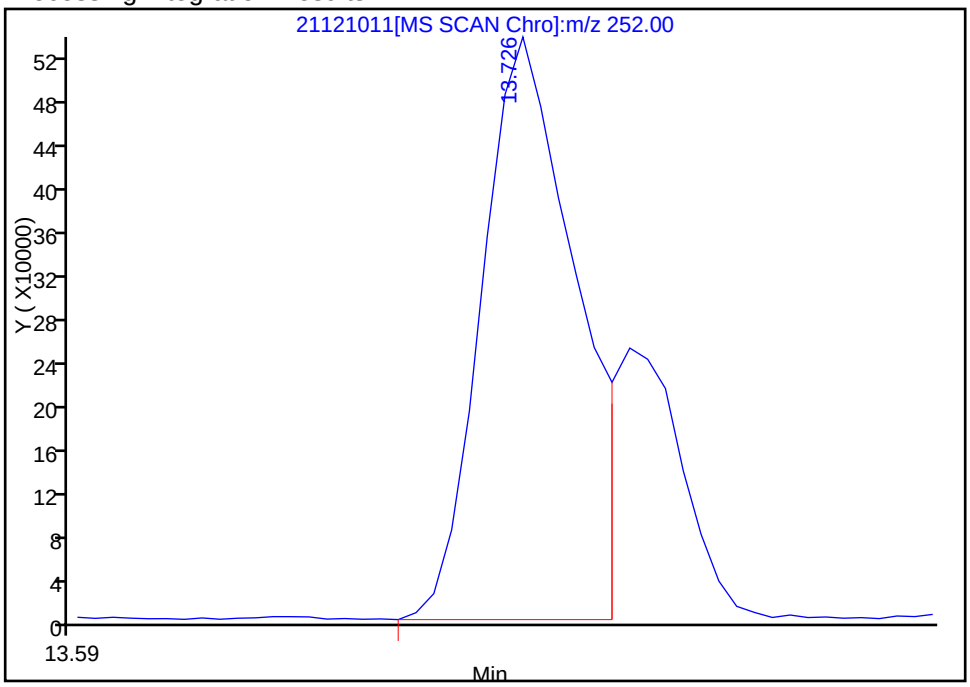
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121011.D		
Injection Date:	21-Nov-2012 15:12:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0002M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	11
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

181 Benzo[k]fluoranthene, Signal: 1, m/z: 252.0 Type: quant, RT: 13.76

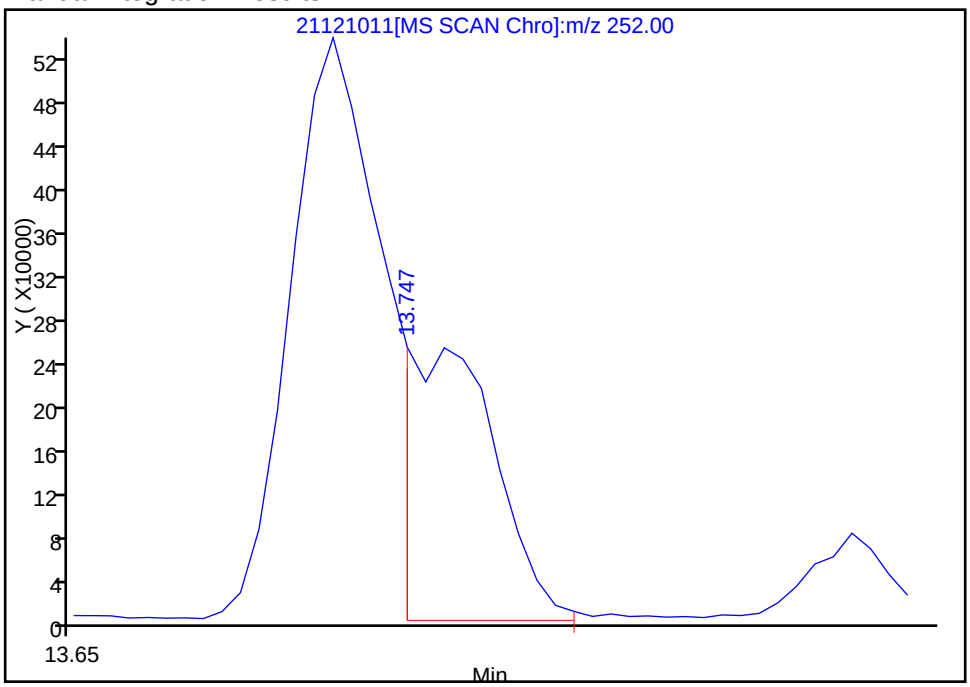
Processing Integration Results

RT: 13.73
Response: 1055959
Amount: 5.776694



Manual Integration Results

RT: 13.75
Response: 463071
Amount: 2.533261



Reviewer: gruberj, 21-Nov-2012 15:59:49
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

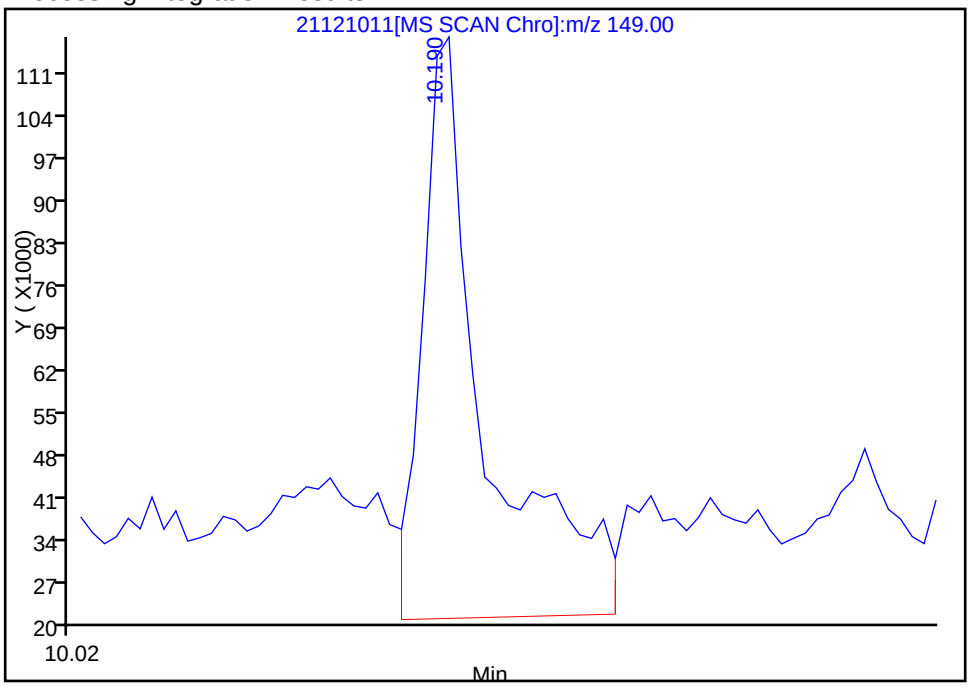
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121011.D		
Injection Date:	21-Nov-2012 15:12:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0002M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	11
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

151 Di-n-butyl phthalate, Signal: 1, m/z: 149.0 Type: quant, RT: 10.18

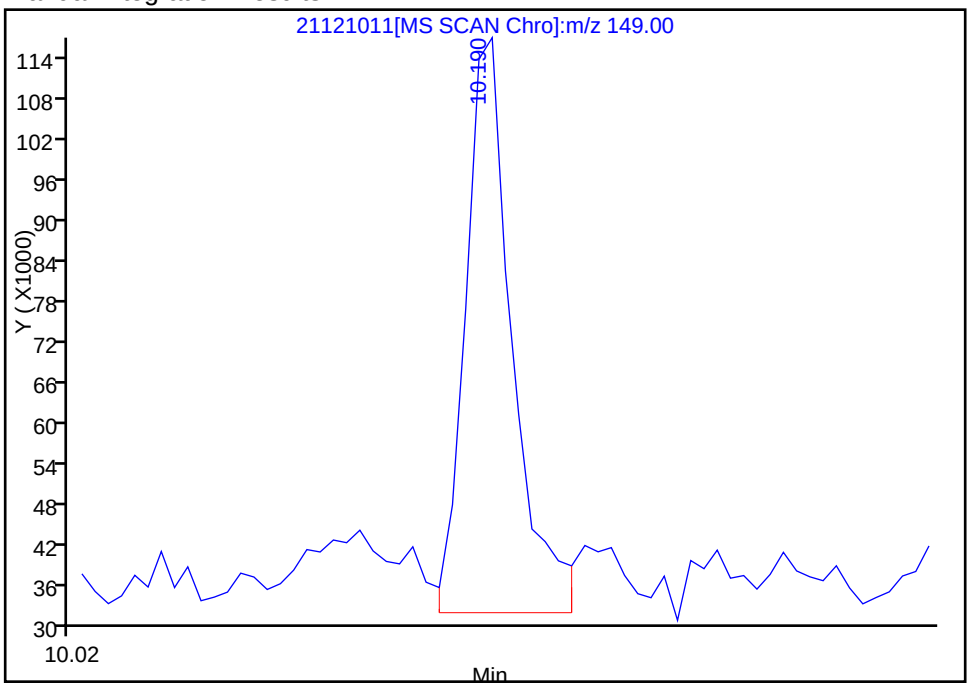
Processing Integration Results

RT: 10.19
Response: 189644
Amount: 1.039655



Manual Integration Results

RT: 10.19
Response: 110935
Amount: 0.608161



Reviewer: gruberj, 21-Nov-2012 15:59:49
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: 068SS-0003M-0001-SO | Lab Sample ID: 240-17317-7

Matrix: Solid | Lab File ID: 21121007.D

Analysis Method: 8270C/DoD | Date Collected: 11/06/2012 12:00

Extract. Method: 3540C | Date Extracted: 11/16/2012 11:46

Sample wt/vol: 29.86(g) | Date Analyzed: 11/21/2012 13:38

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 65876 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	17		6.7	3.3	3.3
208-96-8	Acenaphthylene	9.2		6.7	3.3	3.3
120-12-7	Anthracene	48		6.7	3.3	3.3
56-55-3	Benzo[a]anthracene	270		6.7	3.3	3.3
50-32-8	Benzo[a]pyrene	330	J	6.7	3.3	3.3
205-99-2	Benzo[b]fluoranthene	520		6.7	3.3	3.3
191-24-2	Benzo[g,h,i]perylene	260	J	6.7	3.3	3.3
65-85-0	Benzoic acid	330	U	660	330	330
207-08-9	Benzo[k]fluoranthene	180	M	6.7	3.3	3.3
100-51-6	Benzyl alcohol	27	U	330	27	21
111-91-1	Bis(2-chloroethoxy)methane	27	U	100	27	22
111-44-4	Bis(2-chloroethyl)ether	3.3	U	100	3.3	2.0
108-60-1	bis (2-chloroisopropyl) ether	27	U	100	27	9.5
117-81-7	Bis(2-ethylhexyl) phthalate	34	J	50	27	19
101-55-3	4-Bromophenyl phenyl ether	27	U	50	27	13
85-68-7	Butyl benzyl phthalate	27	U	50	27	10
86-74-8	Carbazole	44	J	50	27	27
106-47-8	4-Chloroaniline	27	U J	150	27	17
59-50-7	4-Chloro-3-methylphenol	27	U	150	27	21
91-58-7	2-Chloronaphthalene	3.3	U	50	3.3	3.3
95-57-8	2-Chlorophenol	27	U	50	27	27
7005-72-3	4-Chlorophenyl phenyl ether	27	U	50	27	13
218-01-9	Chrysene	340		6.7	3.3	1.1
53-70-3	Dibenz(a,h)anthracene	57		6.7	3.3	3.3
132-64-9	Dibenzofuran	15	J	50	3.3	3.3
106-46-7	1,4-Dichlorobenzene	27	U	50	27	20
95-50-1	1,2-Dichlorobenzene	27	U	50	27	9.7
541-73-1	1,3-Dichlorobenzene	27	U	50	27	11
91-94-1	3,3'-Dichlorobenzidine	80	U J	100	80	18
120-83-2	2,4-Dichlorophenol	27	U	150	27	20
84-66-2	Diethyl phthalate	22	J	50	27	16
105-67-9	2,4-Dimethylphenol	80	U	150	80	20
131-11-3	Dimethyl phthalate	27	U	50	27	17
84-74-2	Di-n-butyl phthalate	19	J	50	27	15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: 068SS-0003M-0001-SO | Lab Sample ID: 240-17317-7

Matrix: Solid | Lab File ID: 21121007.D

Analysis Method: 8270C/DoD | Date Collected: 11/06/2012 12:00

Extract. Method: 3540C | Date Extracted: 11/16/2012 11:46

Sample wt/vol: 29.86(g) | Date Analyzed: 11/21/2012 13:38

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 65876 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	80	U	150	80	80
51-28-5	2,4-Dinitrophenol	80	U	330	80	80
121-14-2	2,4-Dinitrotoluene	27	U	200	27	27
606-20-2	2,6-Dinitrotoluene	27	U	200	27	21
117-84-0	Di-n-octyl phthalate	27	U	50	27	27
206-44-0	Fluoranthene	650	J	6.7	3.3	3.3
86-73-7	Fluorene	16		6.7	3.3	3.3
118-74-1	Hexachlorobenzene	3.3	U	6.7	3.3	2.1
87-68-3	Hexachlorobutadiene	27	U	50	27	27
77-47-4	Hexachlorocyclopentadiene	27	U	330	27	27
67-72-1	Hexachloroethane	27	U	50	27	9.0
193-39-5	Indeno[1,2,3-cd]pyrene	220		6.7	3.3	3.3
78-59-1	Isophorone	16	J	50	27	13
91-57-6	2-Methylnaphthalene	30		6.7	3.3	3.3
95-48-7	2-Methylphenol	80	U	200	80	80
15831-10-4	3 & 4 Methylphenol	80	U	400	80	20
91-20-3	Naphthalene	24		6.7	3.3	3.3
88-74-4	2-Nitroaniline	27	U	200	27	9.1
99-09-2	3-Nitroaniline	80	U	200	80	16
100-01-6	4-Nitroaniline	27	U	200	27	26
98-95-3	Nitrobenzene	3.3	U	100	3.3	2.2
88-75-5	2-Nitrophenol	27	U	50	27	27
100-02-7	4-Nitrophenol	80	U	330	80	80
621-64-7	N-Nitrosodi-n-propylamine	27	U	50	27	27
86-30-6	N-Nitrosodiphenylamine	27	U	50	27	21
87-86-5	Pentachlorophenol	80	U	150	80	80
85-01-8	Phenanthrene	250		6.7	3.3	3.3
108-95-2	Phenol	27	U	50	27	27
129-00-0	Pyrene	480		6.7	3.3	3.3
120-82-1	1,2,4-Trichlorobenzene	27	U	50	27	27
95-95-4	2,4,5-Trichlorophenol	27	U	150	27	25
88-06-2	2,4,6-Trichlorophenol	80	U	150	80	80

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: 068SS-0003M-0001-SO | Lab Sample ID: 240-17317-7

Matrix: Solid | Lab File ID: 21121007.D

Analysis Method: 8270C/DoD | Date Collected: 11/06/2012 12:00

Extract. Method: 3540C | Date Extracted: 11/16/2012 11:46

Sample wt/vol: 29.86(g) | Date Analyzed: 11/21/2012 13:38

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 65876 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	71		45-105
367-12-4	2-Fluorophenol (Surr)	74		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	69		35-100
1718-51-0	Terphenyl-d14 (Surr)	81		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	87		35-125
4165-62-2	Phenol-d5 (Surr)	74		40-100

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121007.D		
Lims ID:	240-17317-A-7-N	Client ID:	068SS-0003M-0001-SO
Inject. Date:	21-Nov-2012 13:38:30	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0015157-007		
Misc. Info.:	240-17317-a-7-n		
Operator:	001710	Instrument ID:	A4HP7
Injection Vol:	1.0 ul	ALS Bottle#:	7
Lims Batch ID:	65876	Lims Sample ID:	7
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP7\20121121-15157.b\8270_hp7.m		
Last Update:	23-Nov-2012 10:11:01	Calib Date:	14-Nov-2012 18:19:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP7\20121114-14953.b\21114010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK037		

First Level Reviewer: gruberj Date: 21-Nov-2012 14:48:40

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.879	5.863	0.016	96	157120	4.00	
* 2 Naphthalene-d8	136	6.992	6.986	0.006	99	604679	4.00	
* 3 Acenaphthene-d10	164	8.479	8.479	0.0	93	340076	4.00	
* 4 Phenanthrene-d10	188	9.736	9.736	0.0	97	602442	4.00	
* 5 Chrysene-d12	240	12.255	12.255	0.0	97	634187	4.00	
* 6 Perylene-d12	264	14.298	14.298	0.0	95	560533	4.00	
$ 7 2-Fluorophenol	112	4.761	4.595	0.166	90	538159	11.1	
$ 8 Phenol-d5	99	5.537	5.510	0.027	96	687735	11.2	
$ 9 Nitrobenzene-d5	82	6.366	6.355	0.011	87	365574	6.88	
$ 10 2-Fluorobiphenyl (Surr)	172	7.896	7.896	0.0	99	779096	7.06	
$ 11 2,4,6-Tribromophenol	330	9.142	9.147	-0.005	92	184581	13.1	
$ 12 Terphenyl-d14	244	11.083	11.083	0.0	99	953251	8.12	
41 Phenol	94		5.521					9
44 Bis(2-chloroethyl)ether	93		5.617					9
46 2-Chlorophenol	128		5.671					9
47 1,3-Dichlorobenzene	146		5.815					9
48 1,4-Dichlorobenzene	146		5.879					9
49 Benzyl alcohol	108	5.997	5.981	0.016	56	7516	0.2297	
50 1,2-Dichlorobenzene	146		6.018					
51 2-Methylphenol	108		6.072					
52 2,2'-oxybis[1-chloropropane]	45		6.098					
191 3 & 4 Methylphenol	108		6.200					
56 N-Nitrosodi-n-propylamine	70		6.211					9
60 Hexachloroethane	117		6.323					9
61 Nitrobenzene	77		6.371					9
63 Isophorone	82	6.585	6.574	0.011	71	23695	0.2457	
65 2-Nitrophenol	139		6.649					9
64 2,4-Dimethylphenol	107		6.671					9
69 Benzoic acid	122		6.735					
68 Bis(2-chloroethoxy)methane	93		6.756					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
71 2,4-Dichlorophenol	162		6.853					
72 1,2,4-Trichlorobenzene	180		6.933					
73 Naphthalene	128	7.008	7.002	0.006	67	53984	0.3573	
74 4-Chloroaniline	127		7.040					9
77 Hexachlorobutadiene	225		7.104					
84 4-Chloro-3-methylphenol	107		7.436					
85 2-Methylnaphthalene	142	7.596	7.596	0.0	90	43695	0.4521	
88 Hexachlorocyclopentadiene	237		7.724					
90 2,4,6-Trichlorophenol	196		7.826					9
91 2,4,5-Trichlorophenol	196		7.853					9
98 2-Chloronaphthalene	162		8.008					
100 2-Nitroaniline	65		8.083					
103 Dimethyl phthalate	163		8.222					
105 2,6-Dinitrotoluene	165		8.281					
107 Acenaphthylene	152	8.366	8.361	0.005	82	21271	0.1371	
108 3-Nitroaniline	138		8.425					
110 Acenaphthene	153	8.511	8.511	0.0	78	23079	0.2474	
109 2,4-Dinitrophenol	184		8.516					
111 4-Nitrophenol	109		8.548					
112 2,4-Dinitrotoluene	165		8.623					
114 Dibenzofuran	168	8.655	8.655	0.0	81	30353	0.2192	
119 Diethyl phthalate	149	8.810	8.816	-0.006	87	33864	0.3243	
121 4-Chlorophenyl phenyl ether	204		8.928					9
123 4-Nitroaniline	138		8.944					
124 Fluorene	166	8.944	8.944	0.0	89	27104	0.2438	
126 4,6-Dinitro-2-methylphenol	198		8.965					
130 N-Nitrosodiphenylamine	169		9.024					
137 4-Bromophenyl phenyl ether	248		9.345					
139 Hexachlorobenzene	284		9.409					
141 Pentachlorophenol	266		9.564					
146 Phenanthrene	178	9.757	9.757	0.0	97	619244	3.76	
147 Anthracene	178	9.800	9.800	0.0	95	117508	0.7186	
149 Carbazole	167	9.928	9.928	0.0	77	103512	0.6516	
151 Di-n-butyl phthalate	149	10.185	10.185	0.0	67	51925	0.2910	
157 Fluoranthene	202	10.762	10.762	0.0	97	1756243	9.66	
160 Pyrene	202	10.971	10.971	0.0	98	1456608	7.20	
166 Butyl benzyl phthalate	149		11.549					
173 3,3'-Dichlorobenzidine	252		12.191					9
171 Bis(2-ethylhexyl) phthalate	149	12.212	12.207	0.005	59	36998	0.5093	
175 Benzo[a]anthracene	228	12.239	12.244	-0.005	98	712934	4.03	
176 Chrysene	228	12.287	12.287	0.0	90	844987	5.01	
178 Di-n-octyl phthalate	149		13.100					9
180 Benzo[b]fluoranthene	252	13.726	13.726	0.0	95	1376143	7.70	
181 Benzo[k]fluoranthene	252	13.763	13.763	0.0	99	512185	2.64	M
182 Benzo[a]pyrene	252	14.218	14.212	0.006	73	880484	4.90	
186 Indeno[1,2,3-cd]pyrene	276	15.929	15.929	0.0	98	644489	3.29	
187 Dibenz(a,h)anthracene	278	15.945	15.956	-0.011	37	119003	0.8532	
188 Benzo[g,h,i]perylene	276	16.362	16.362	0.0	92	617507	3.85	

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

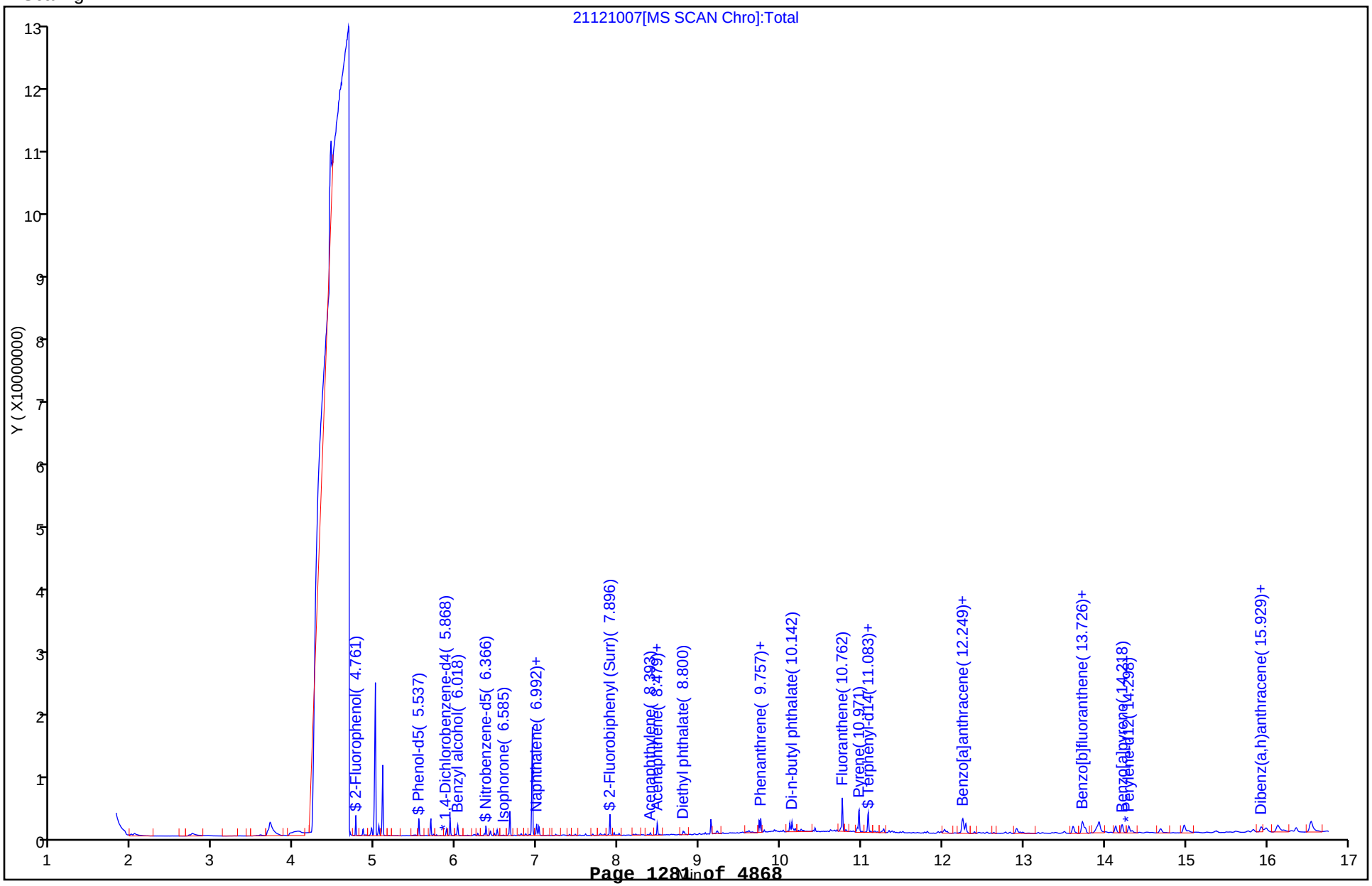
Review Flags
M - Manually Integrated

Report Date: 23-Nov-2012 10:11:21 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121007.D		
Injection Date:	21-Nov-2012 13:38:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0003M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	7
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



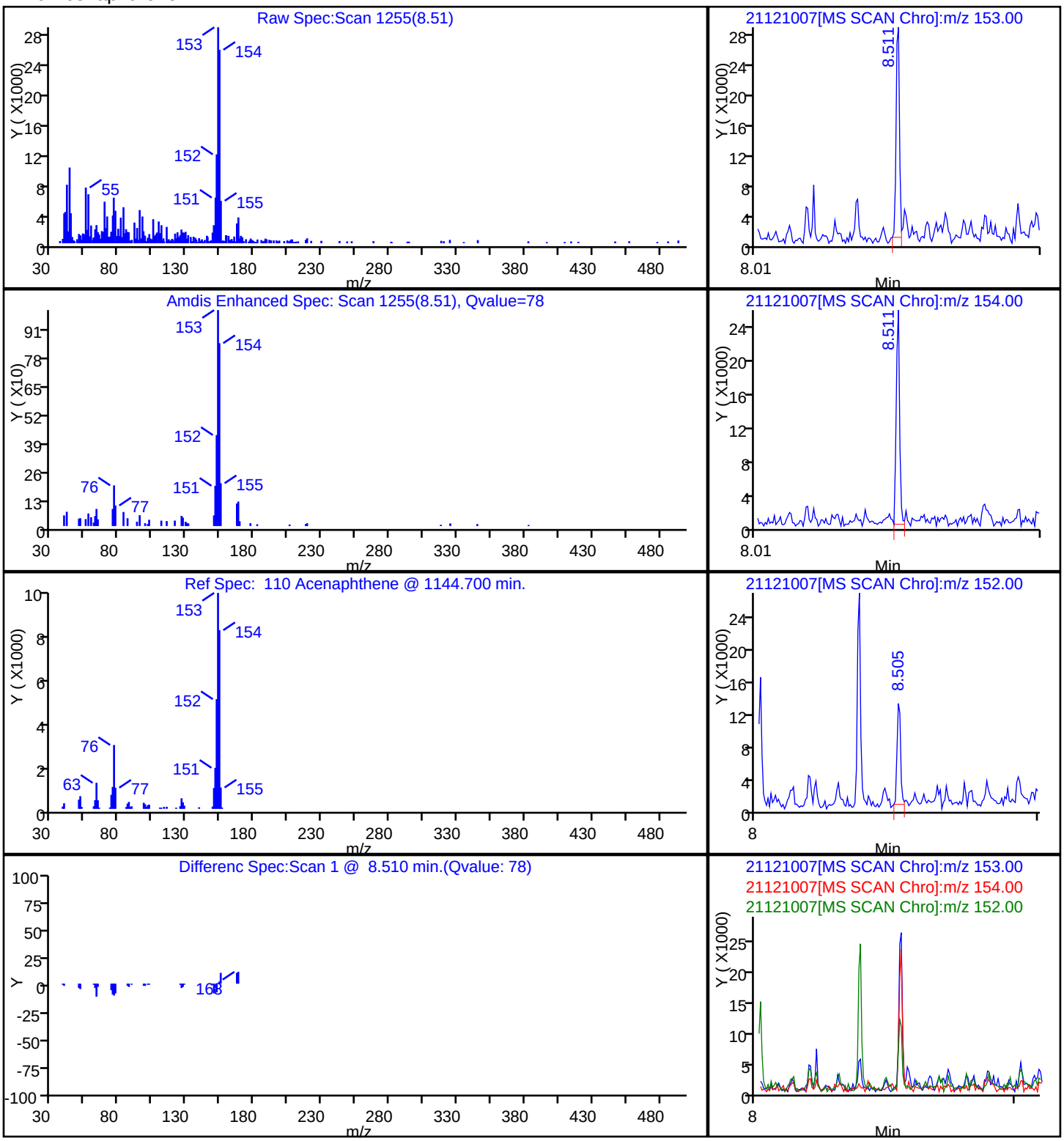
Report Date: 23-Nov-2012 10:11:22 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121007.D

Injection Date:	21-Nov-2012 13:38:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0003M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	7
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

110 Acenaphthene



Report Date: 23-Nov-2012 10:11:21 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

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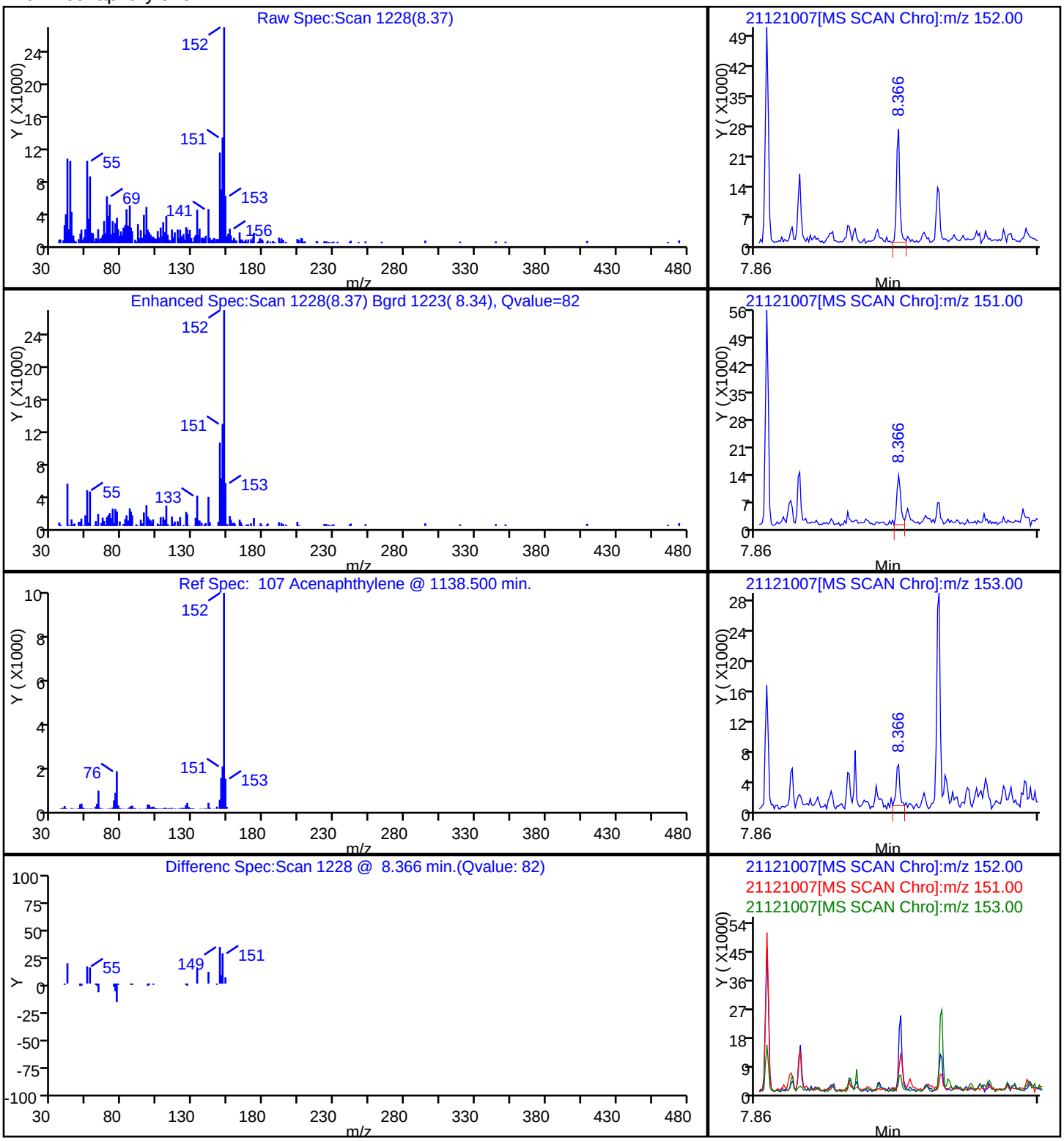
Injection Date:	21-Nov-2012 13:38:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0003M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	7
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

107 Acenaphthylene



Report Date: 23-Nov-2012 10:11:22 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

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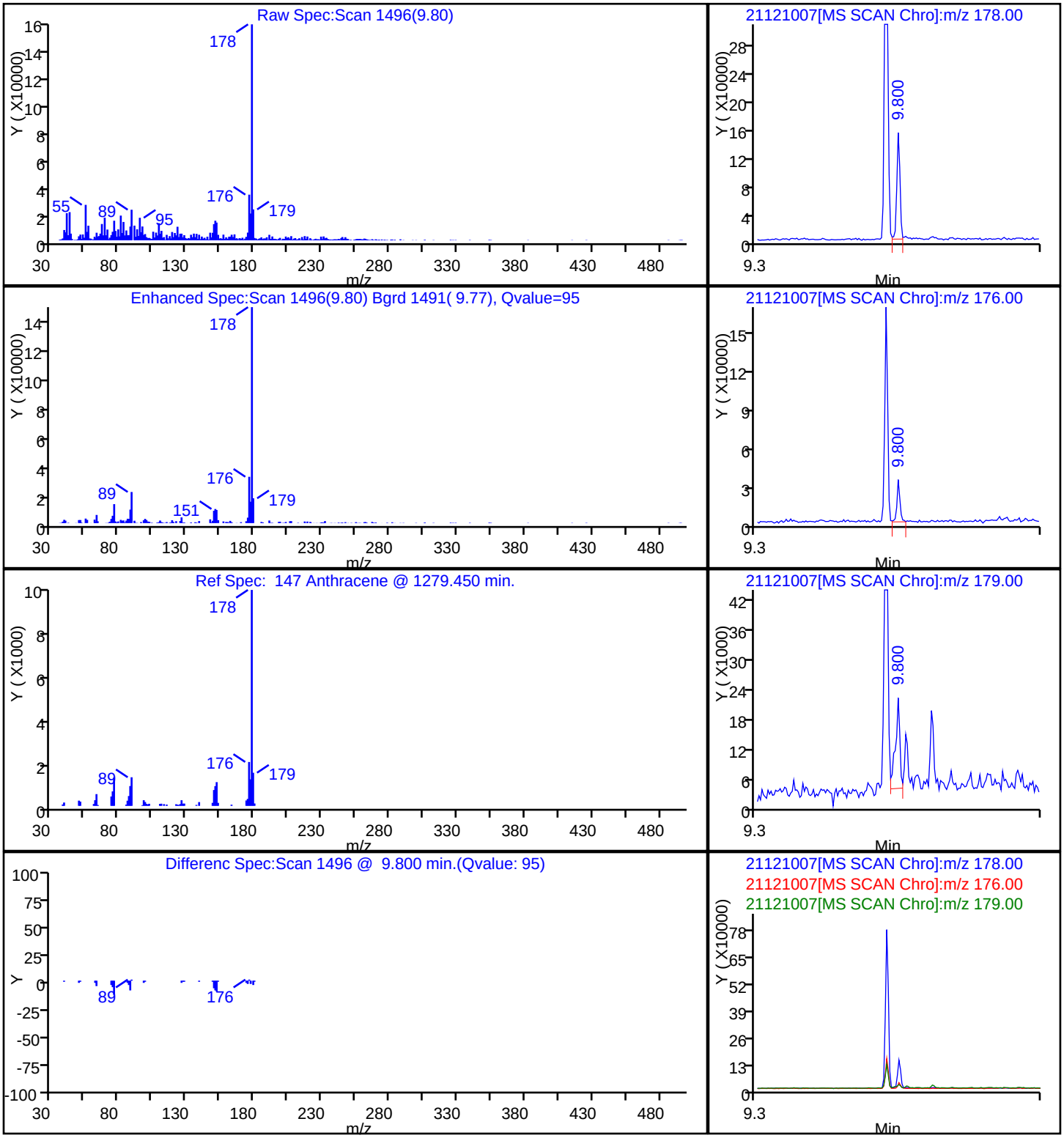
Lims Batch ID:	65876	Lims Sample ID:	7
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

147 Anthracene



Report Date: 23-Nov-2012 10:11:22 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

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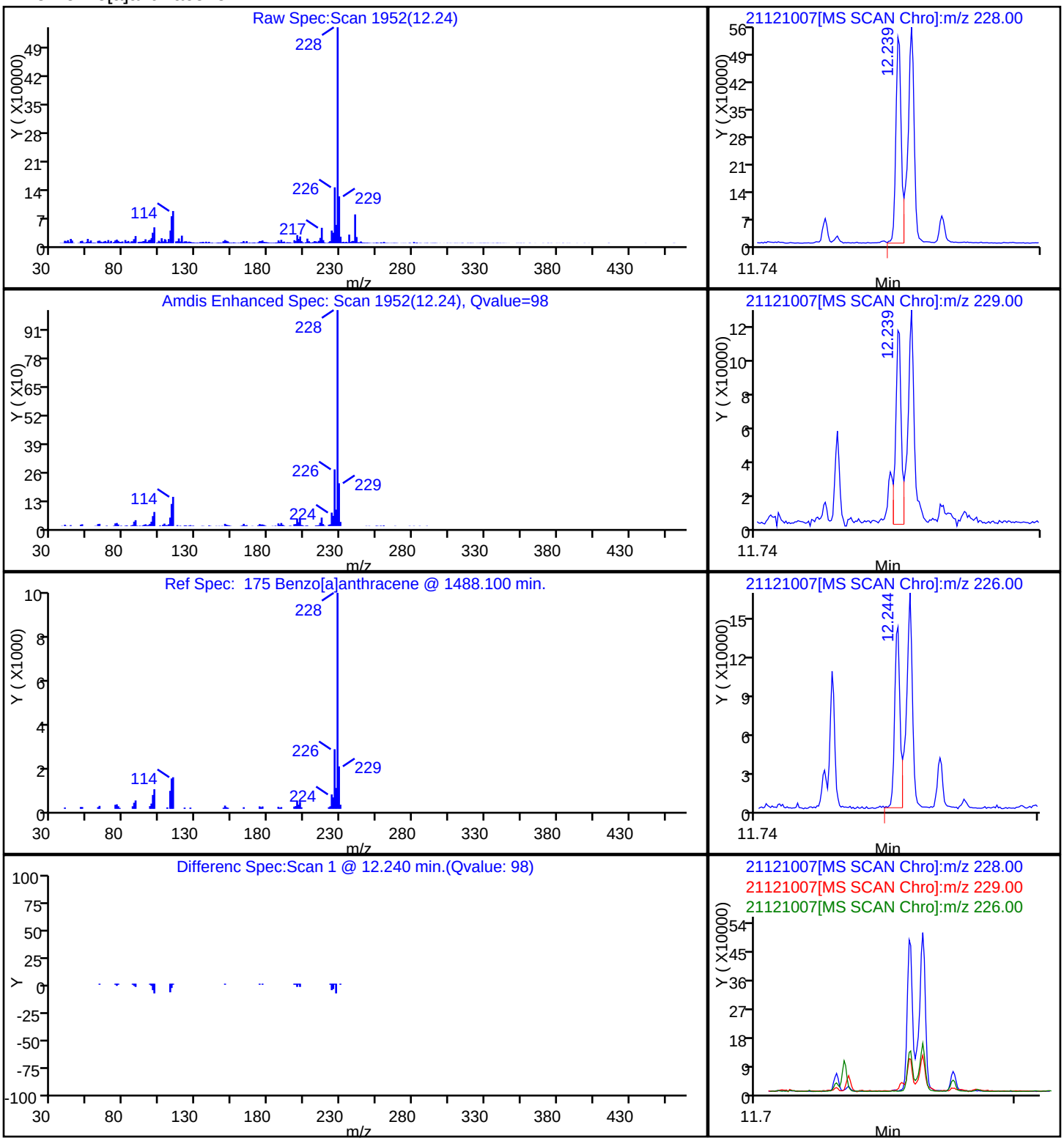
Client ID:	068SS-0003M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	7
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

175 Benzo[a]anthracene



Report Date: 23-Nov-2012 10:11:22 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

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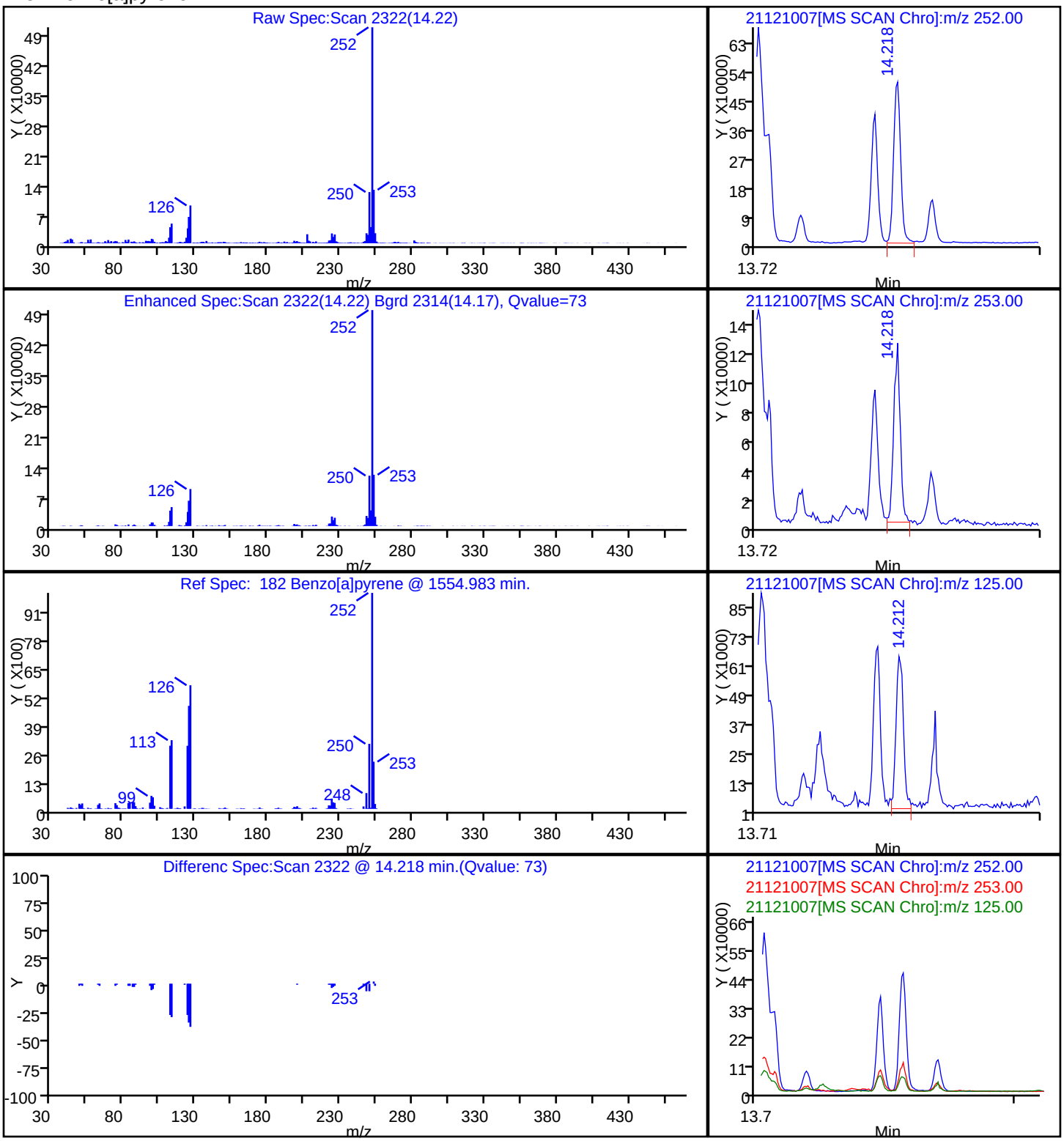
Client ID:	068SS-0003M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	7
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

182 Benzo[a]pyrene



Report Date: 23-Nov-2012 10:11:22 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

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Lims Batch ID:	65876	Lims Sample ID:	7
Operator ID:	001710	Injection Vol:	1.0 ul
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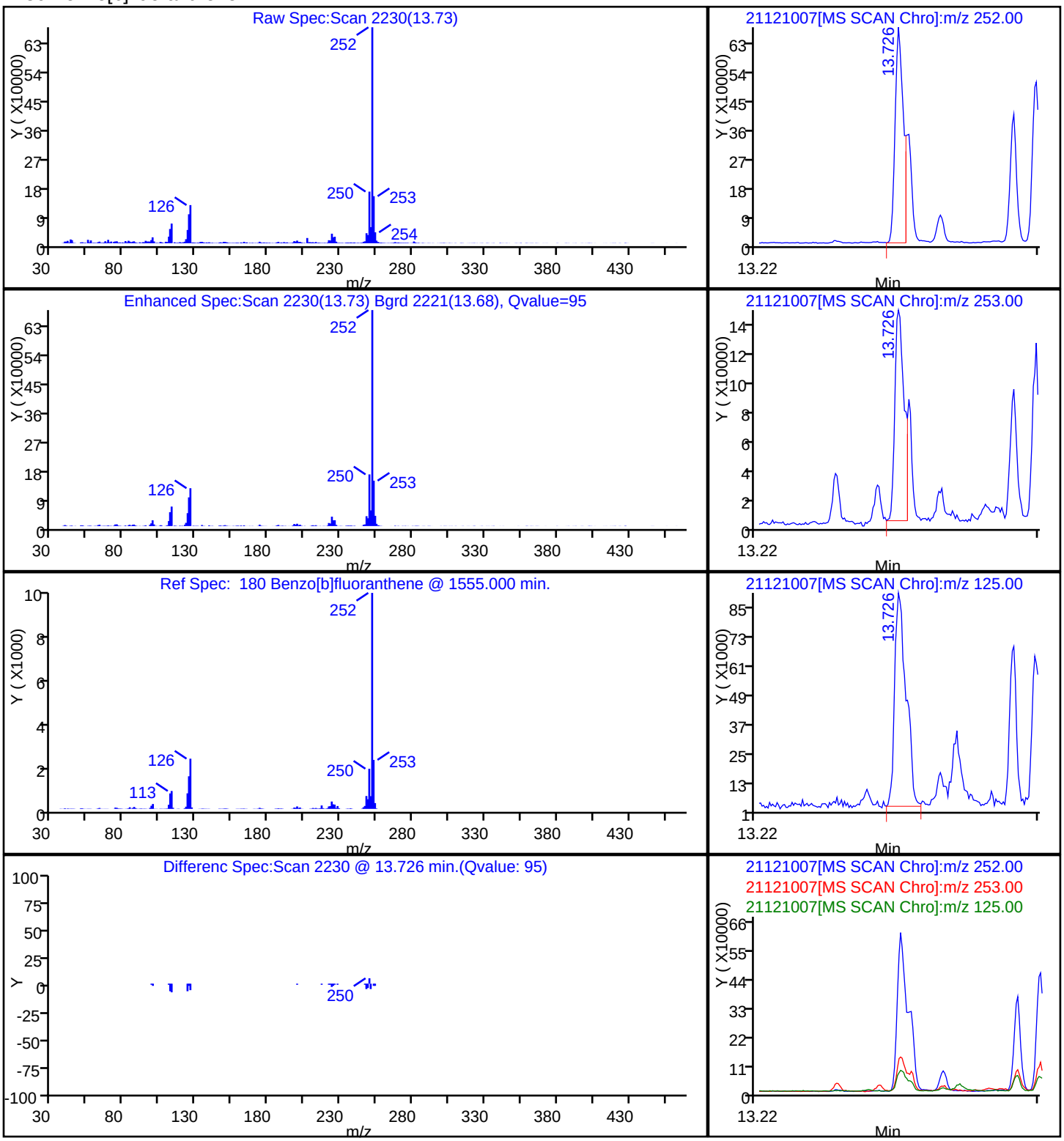
180 Benzo[b]fluoranthene



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TestAmerica Canton

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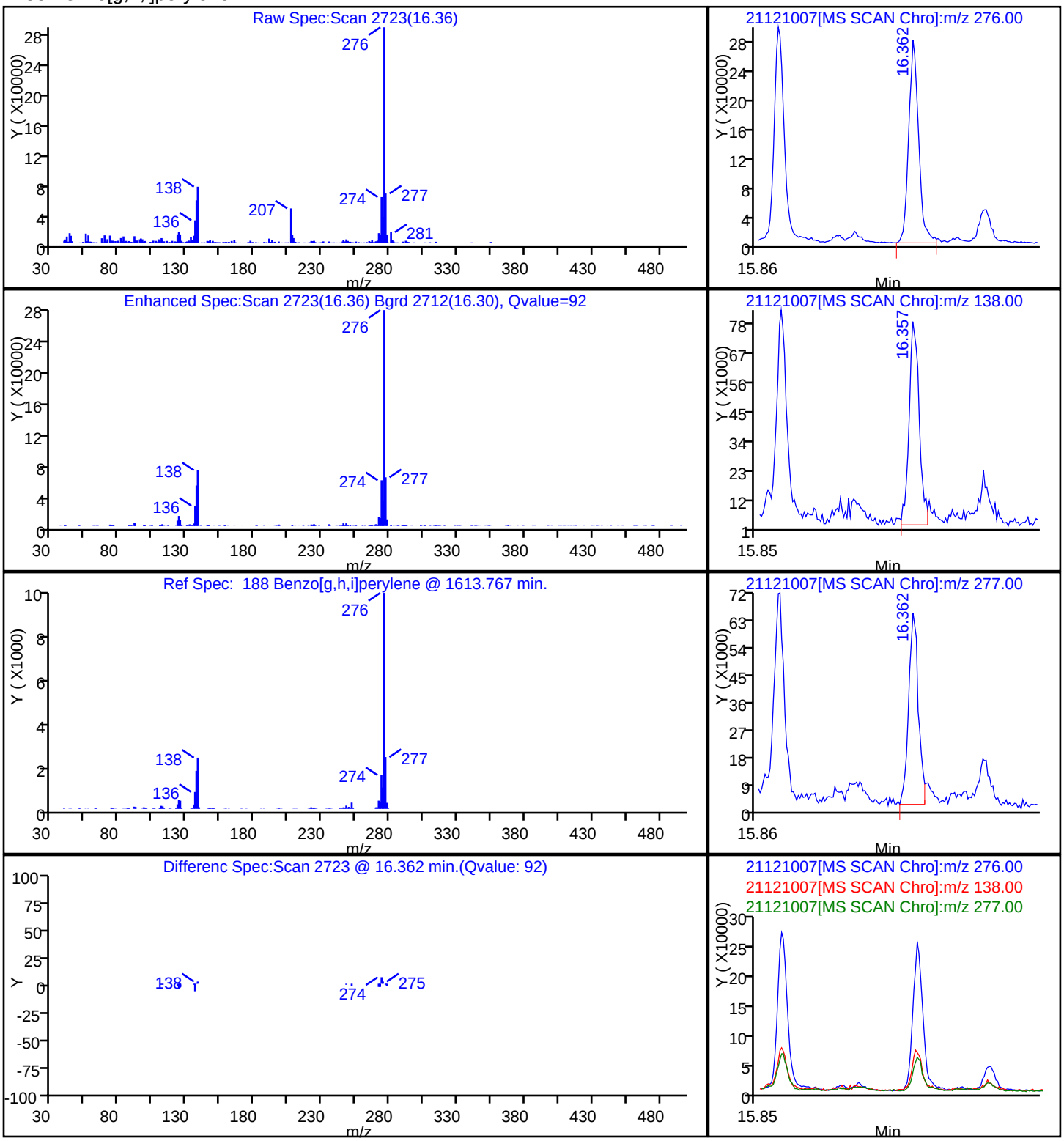
Injection Date:	21-Nov-2012 13:38:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0003M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	7
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

188 Benzo[g,h,i]perylene



Report Date: 23-Nov-2012 10:11:22 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

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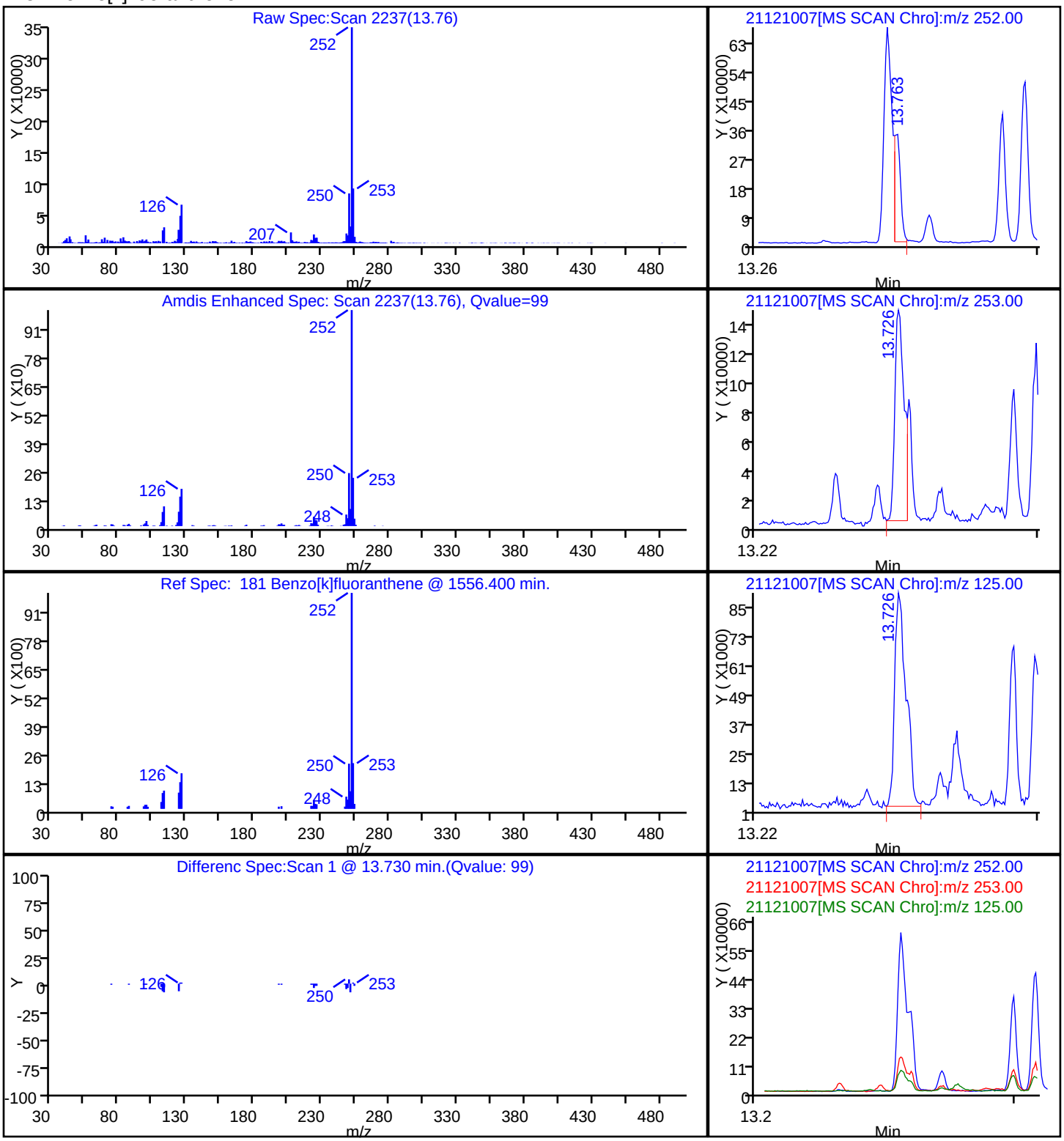
Lims Batch ID:	65876	Lims Sample ID:	7
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

181 Benzo[k]fluoranthene



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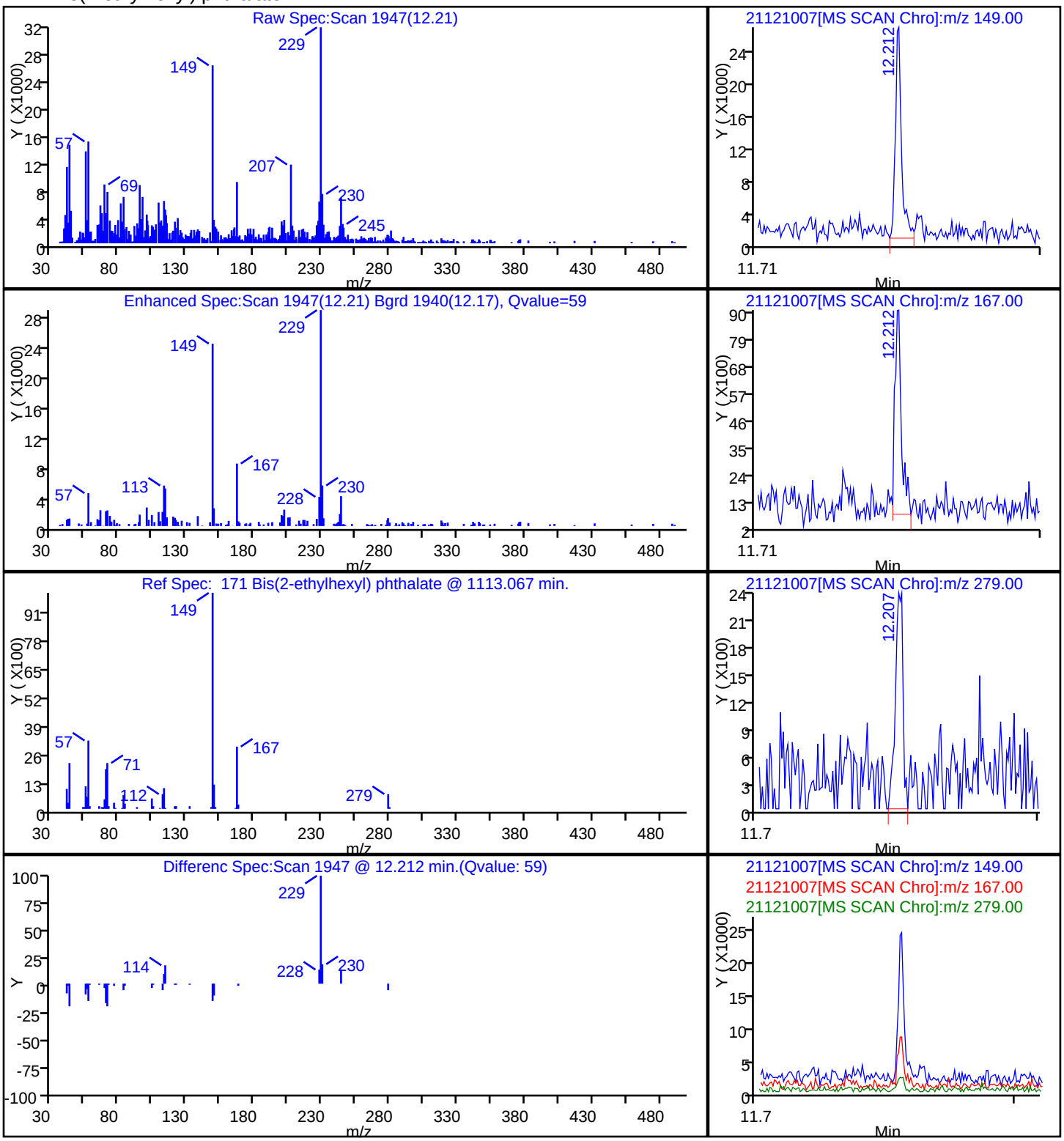
Lims Batch ID:	65876	Lims Sample ID:	7
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

171 Bis(2-ethylhexyl) phthalate



Report Date: 23-Nov-2012 10:11:22 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121007.D

Injection Date:	21-Nov-2012 13:38:30	Limit Group:	MSS 8270 DOD ICAL
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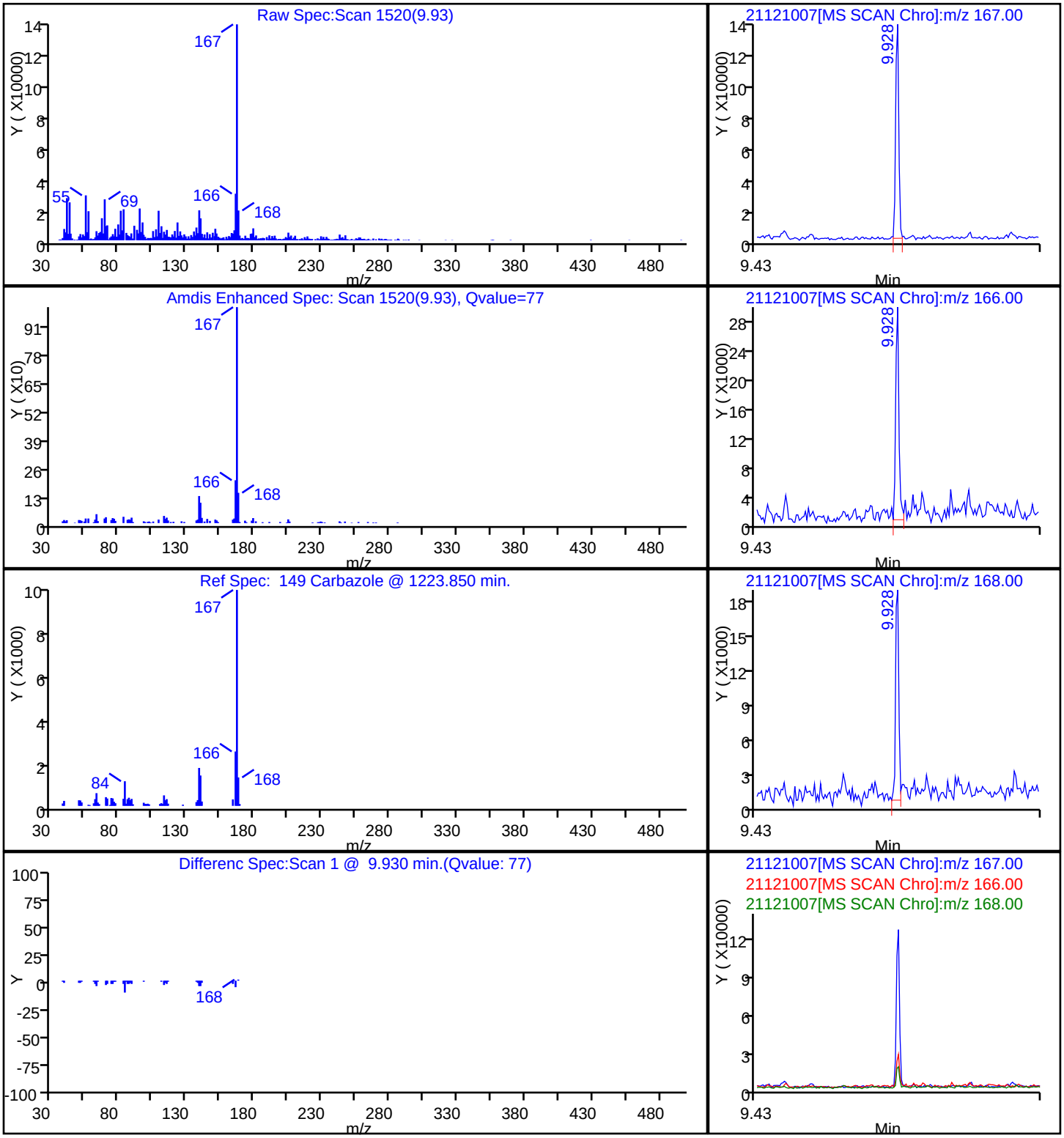
Lims Batch ID:	65876	Lims Sample ID:	7
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

149 Carbazole



Report Date: 23-Nov-2012 10:11:22 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121007.D

Injection Date:	21-Nov-2012 13:38:30	Limit Group:	MSS 8270 DOD ICAL
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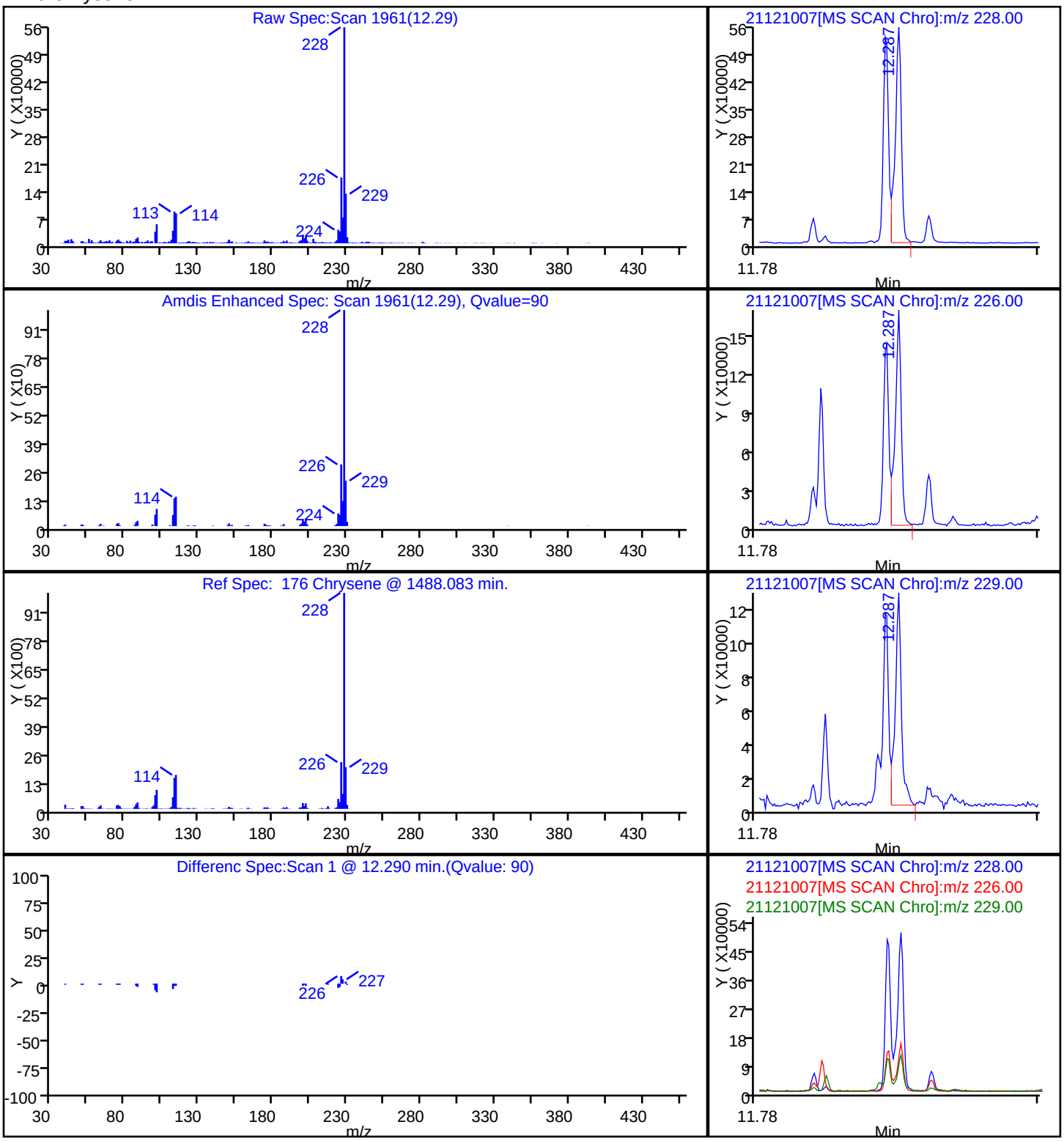
Lims Batch ID:	65876	Lims Sample ID:	7
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

176 Chrysene



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TestAmerica Canton

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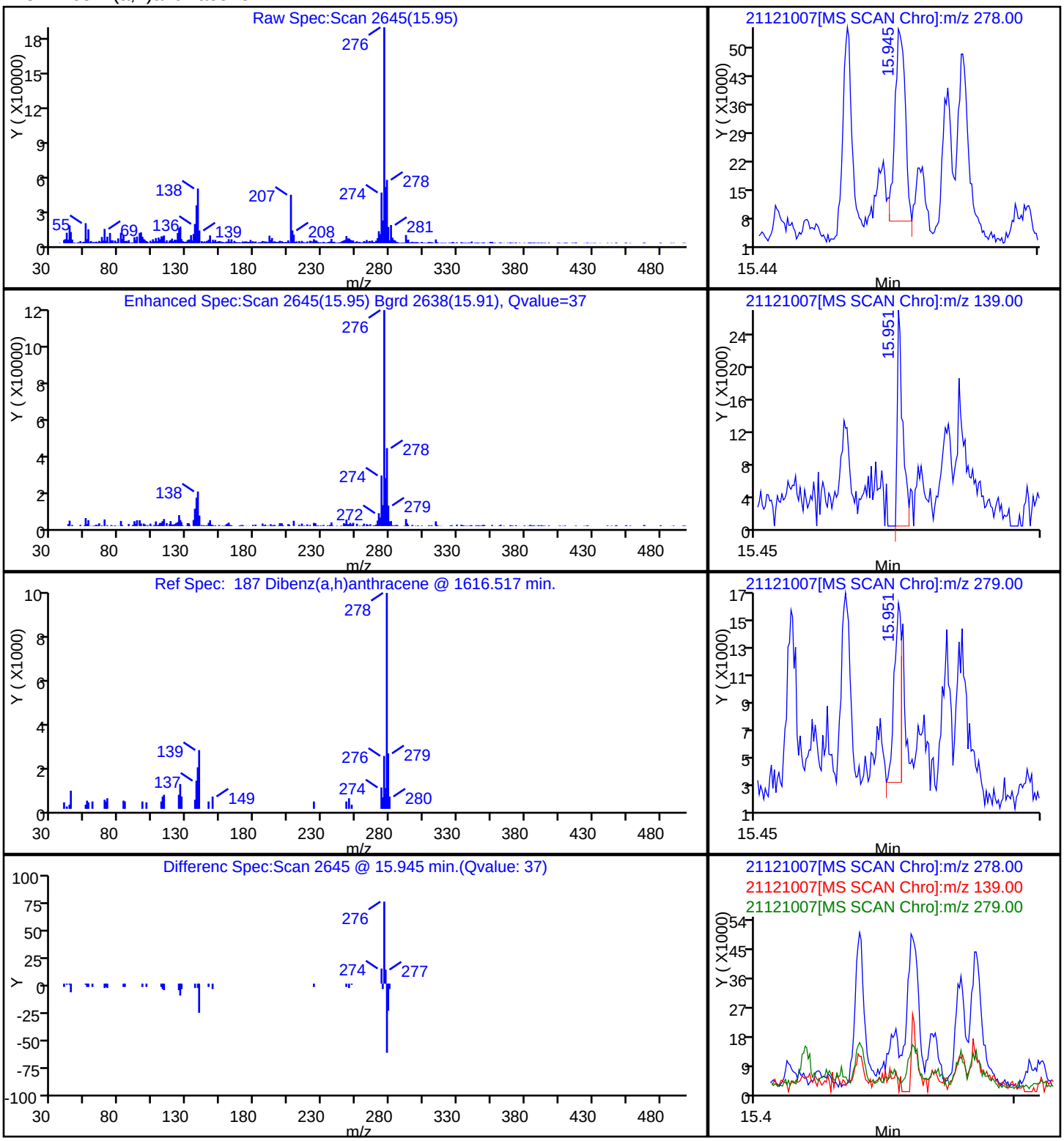
Client ID:	068SS-0003M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	7
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

187 Dibenz(a,h)anthracene



Report Date: 23-Nov-2012 10:11:22 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

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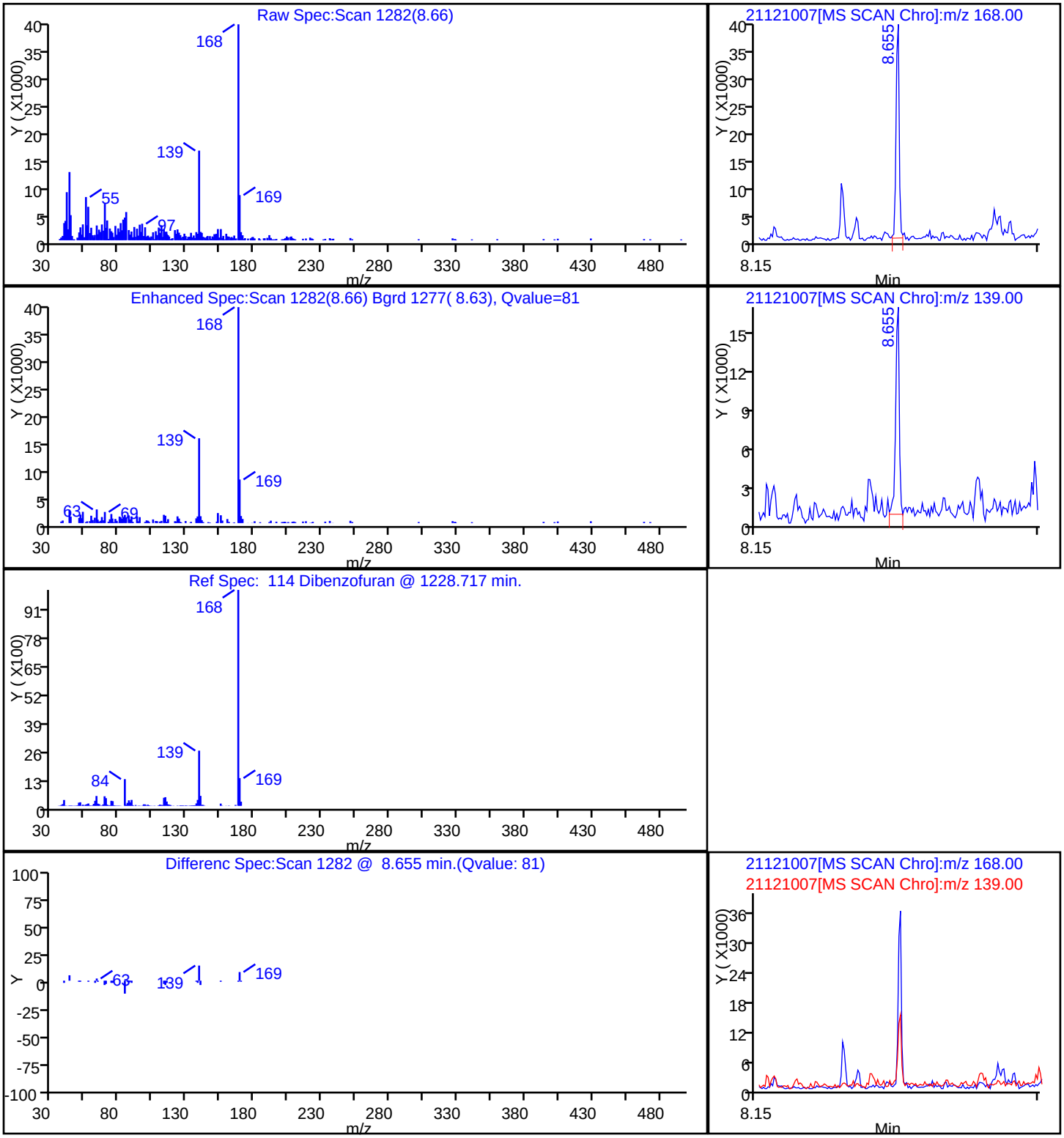
Client ID:	068SS-0003M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	7
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

114 Dibenzofuran



Report Date: 23-Nov-2012 10:11:22 Chrom Revision: 2.0 15-Nov-2012 14:43:54

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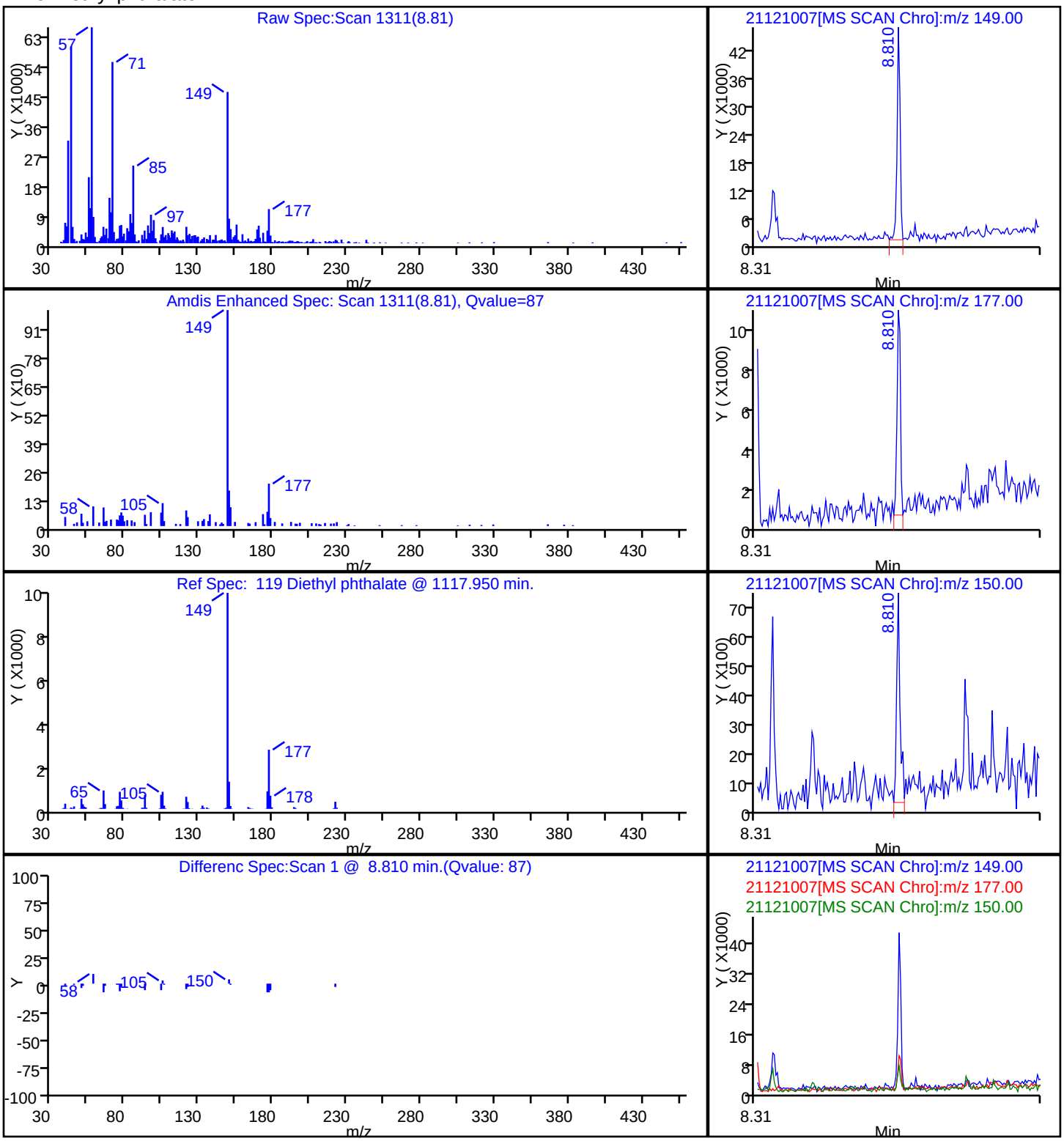
Injection Date:	21-Nov-2012 13:38:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0003M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	7
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

119 Diethyl phthalate



Report Date: 23-Nov-2012 10:11:22 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

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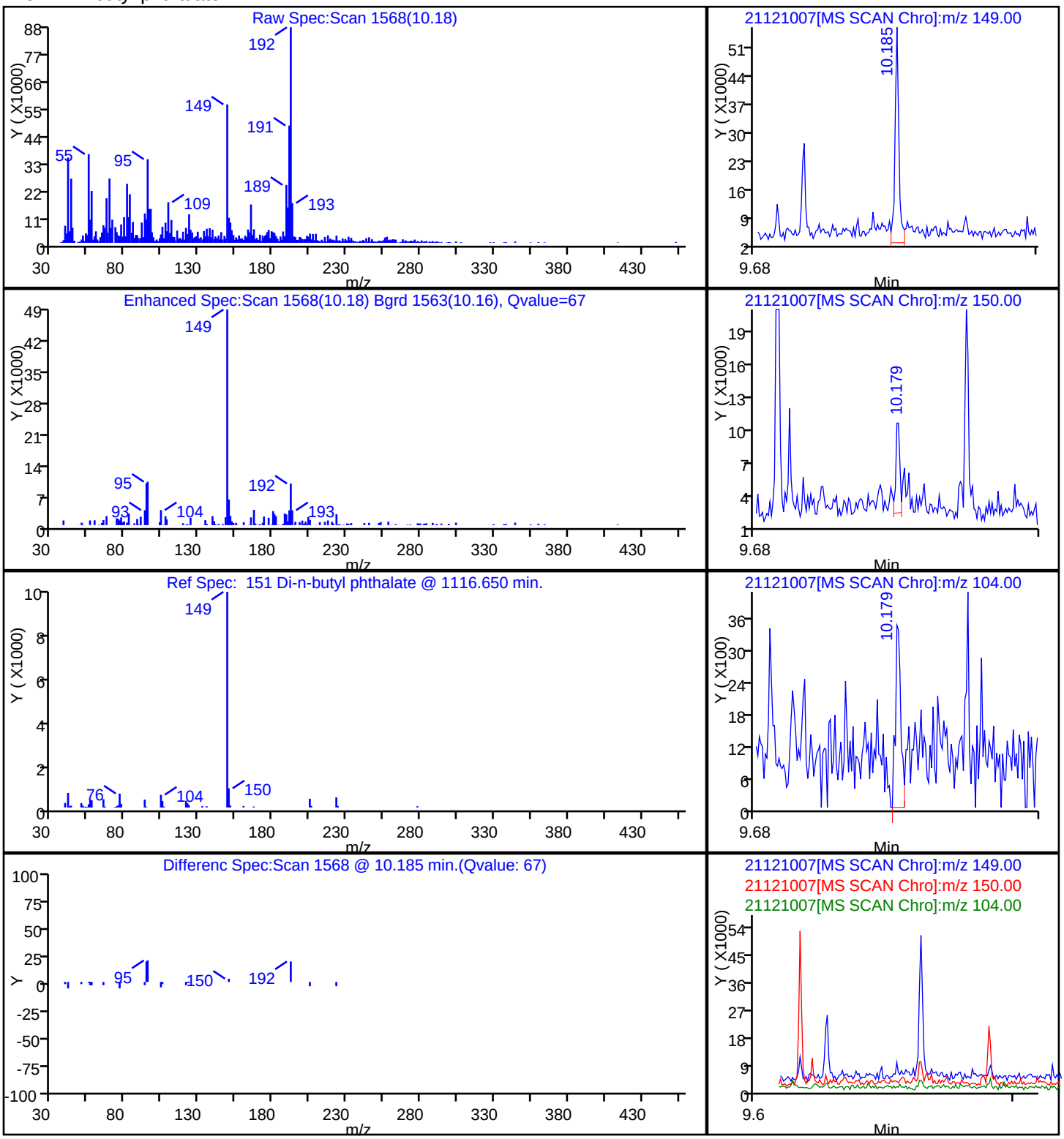
Client ID:	068SS-0003M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	7
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

151 Di-n-butyl phthalate



Report Date: 23-Nov-2012 10:11:22 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

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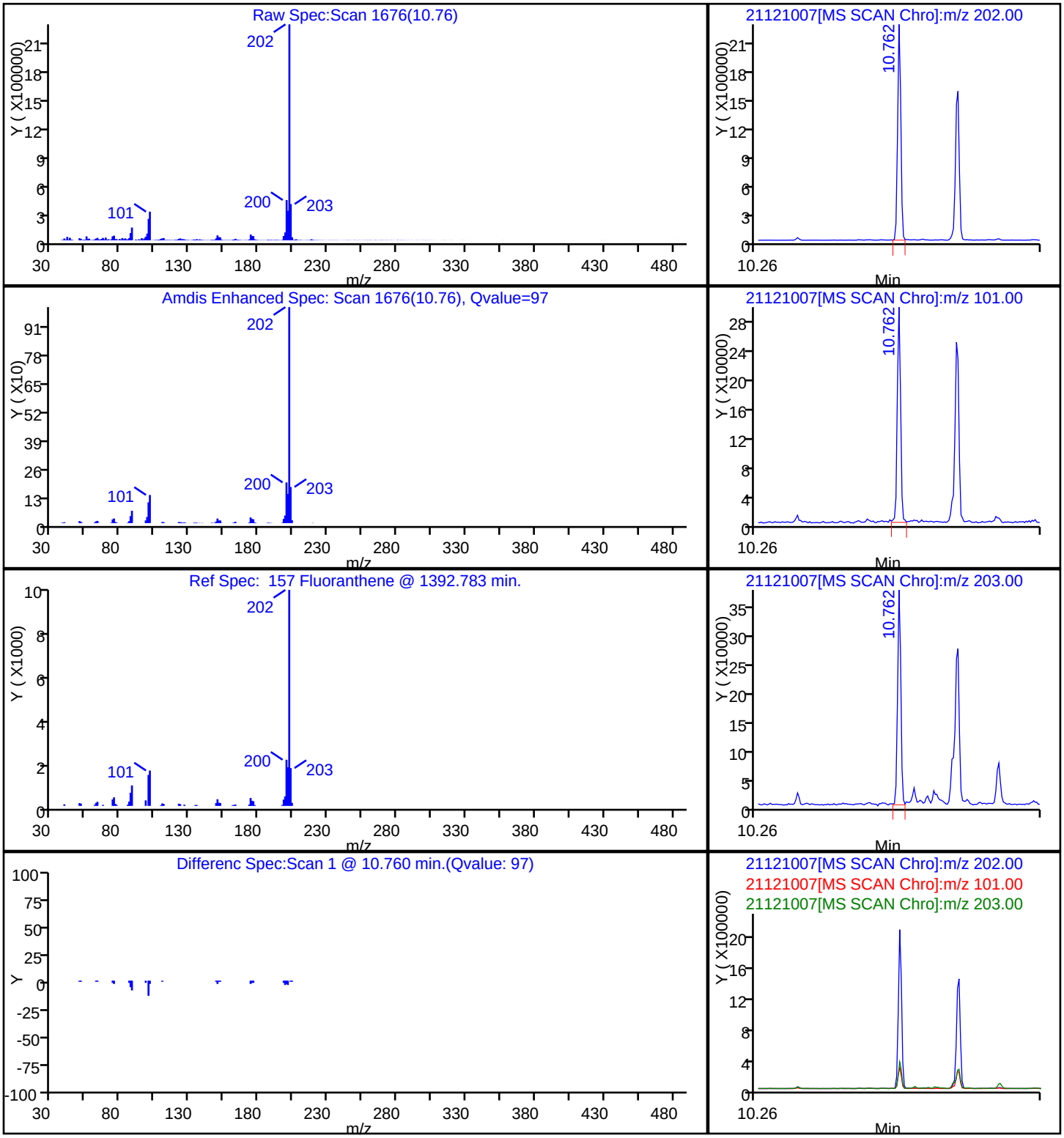
Injection Date:	21-Nov-2012 13:38:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0003M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	7
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

157 Fluoranthene



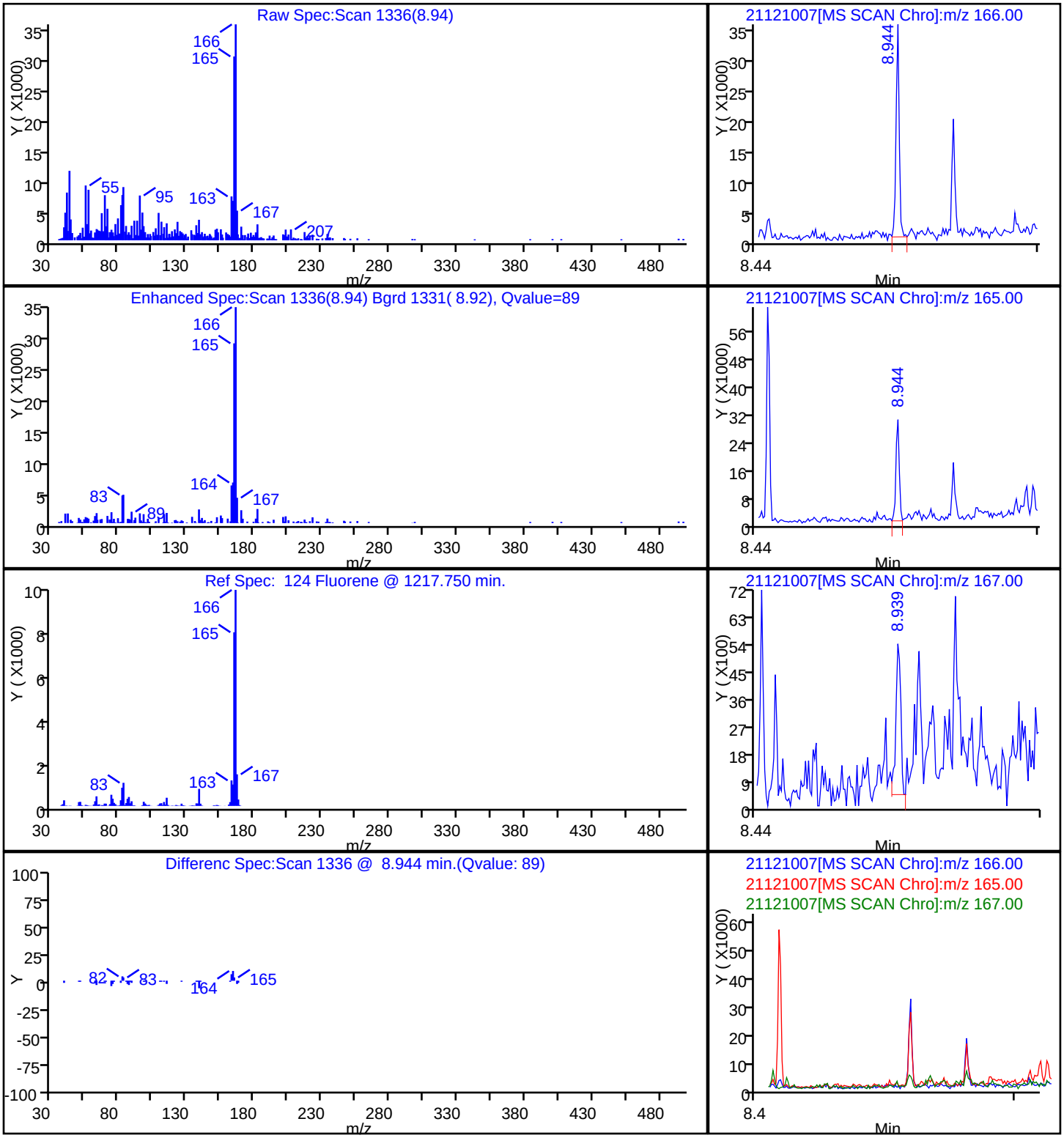
Report Date: 23-Nov-2012 10:11:22 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121007.D

Injection Date:	21-Nov-2012 13:38:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0003M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	7
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

124 Fluorene



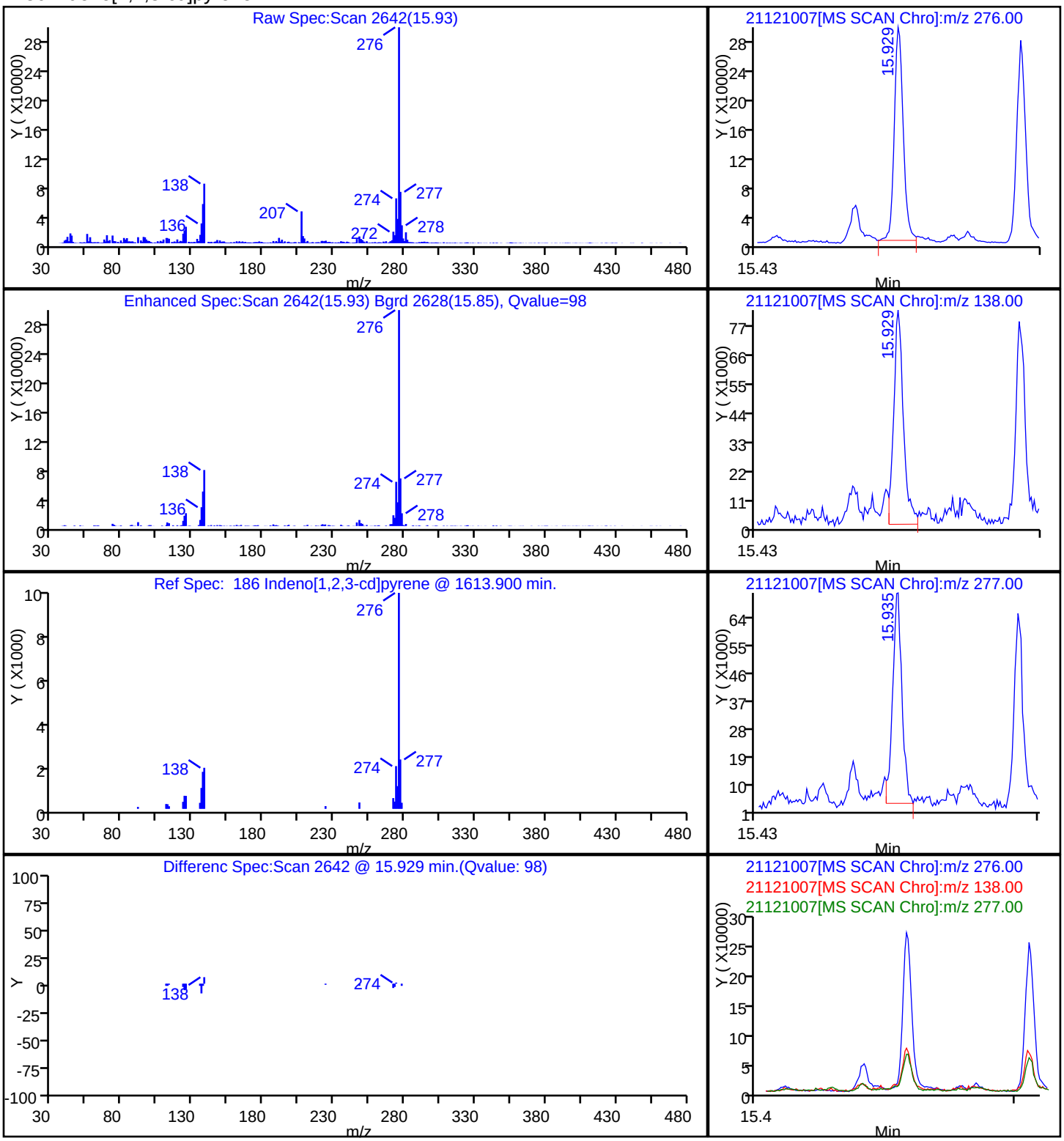
Report Date: 23-Nov-2012 10:11:22 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121007.D

Injection Date:	21-Nov-2012 13:38:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0003M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	7
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

186 Indeno[1,2,3-cd]pyrene



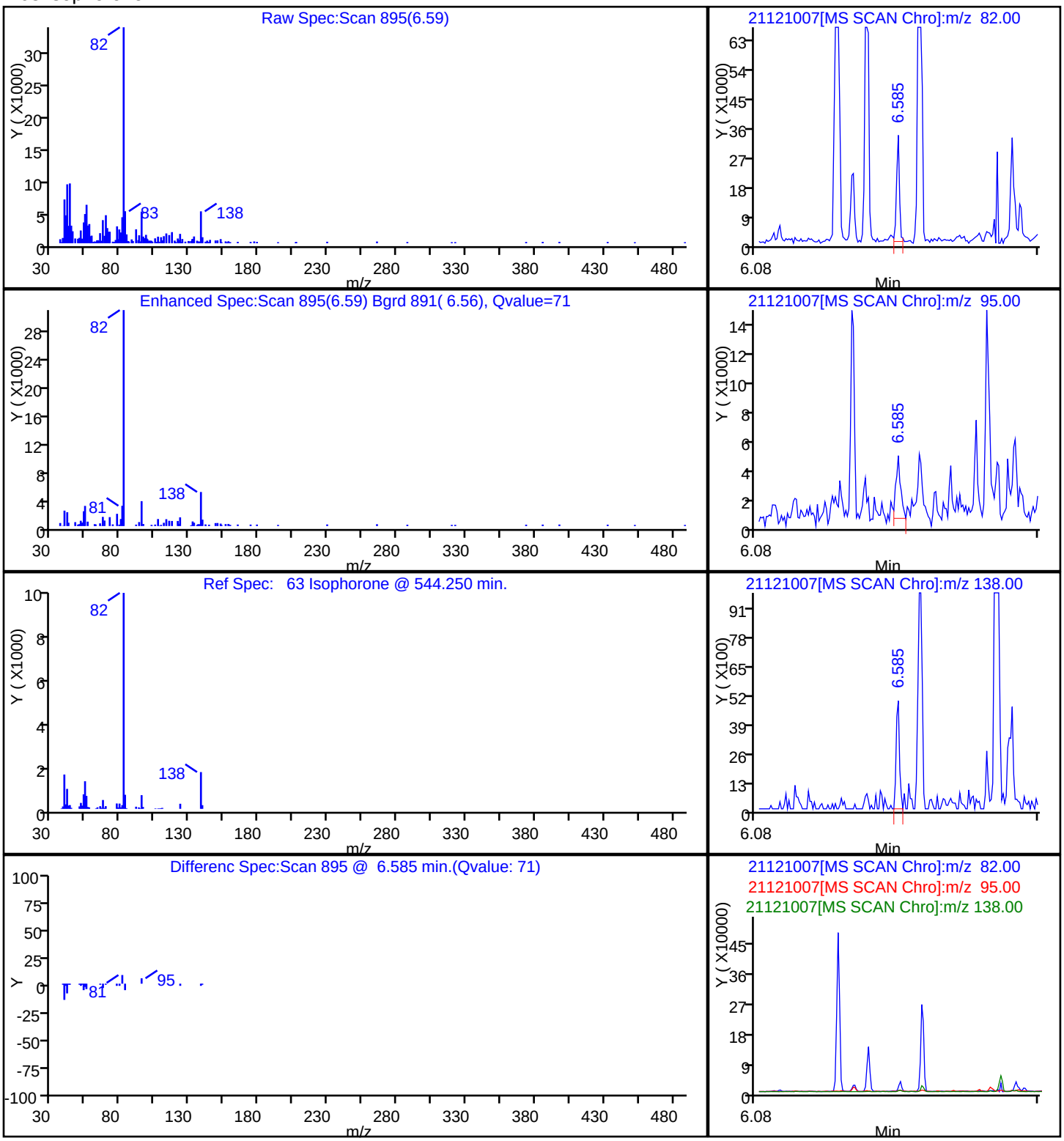
Report Date: 23-Nov-2012 10:11:21 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121007.D

Injection Date:	21-Nov-2012 13:38:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0003M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	7
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

63 Isophorone



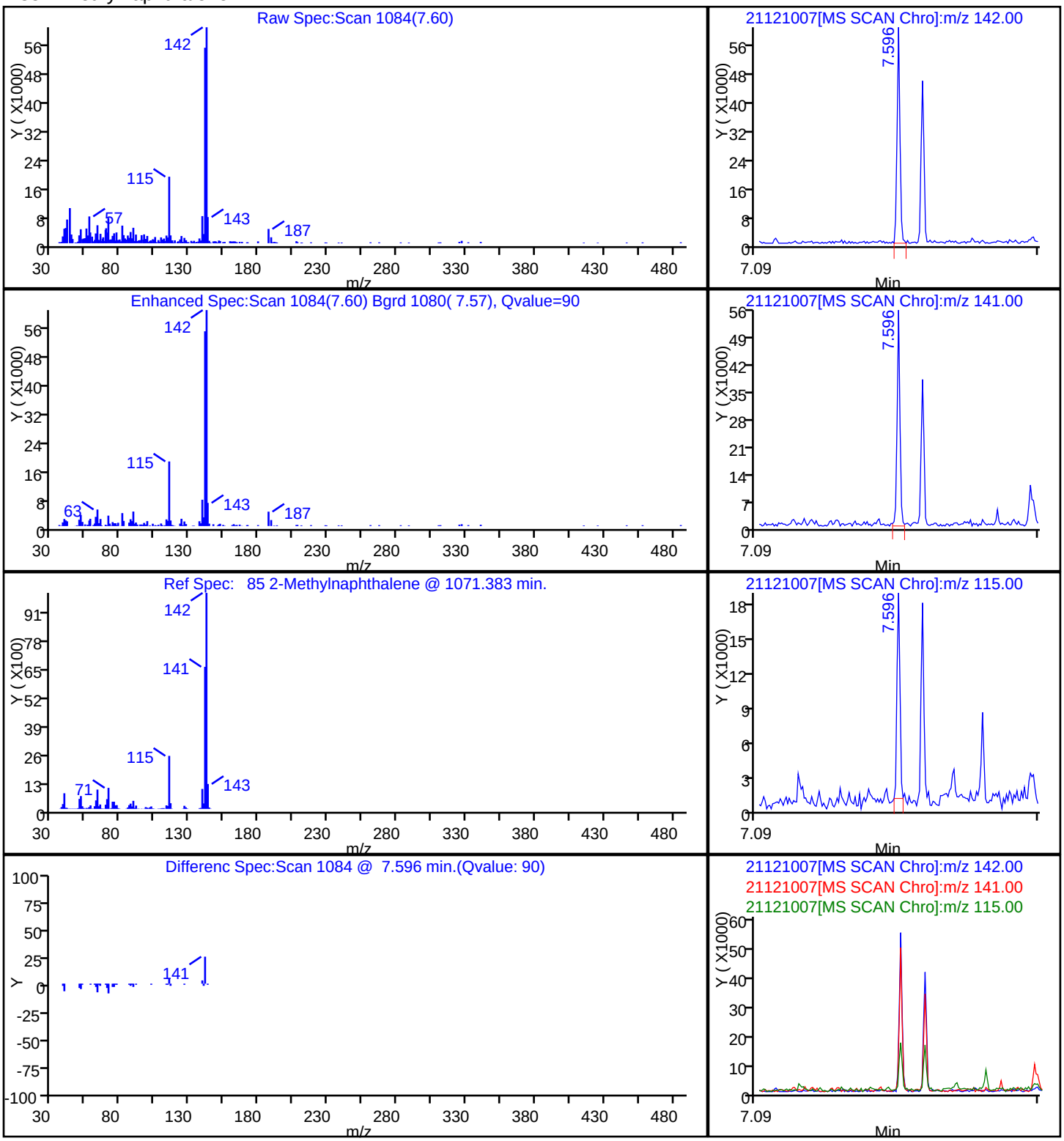
Report Date: 23-Nov-2012 10:11:21 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121007.D

Injection Date:	21-Nov-2012 13:38:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0003M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	7
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

85 2-Methylnaphthalene

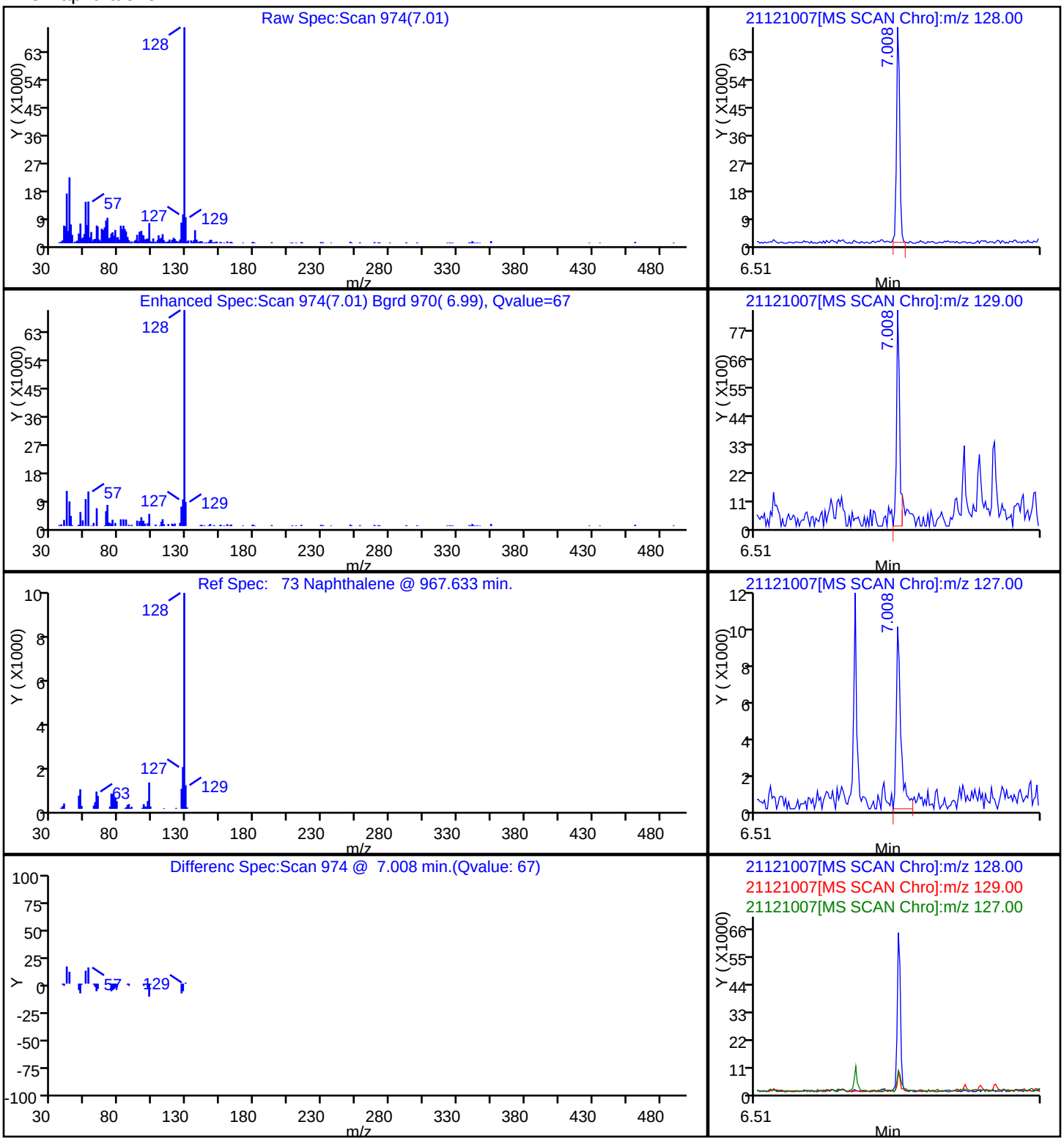


Report Date: 23-Nov-2012 10:11:21 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121007.D		
Injection Date:	21-Nov-2012 13:38:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0003M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	7
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

73 Naphthalene



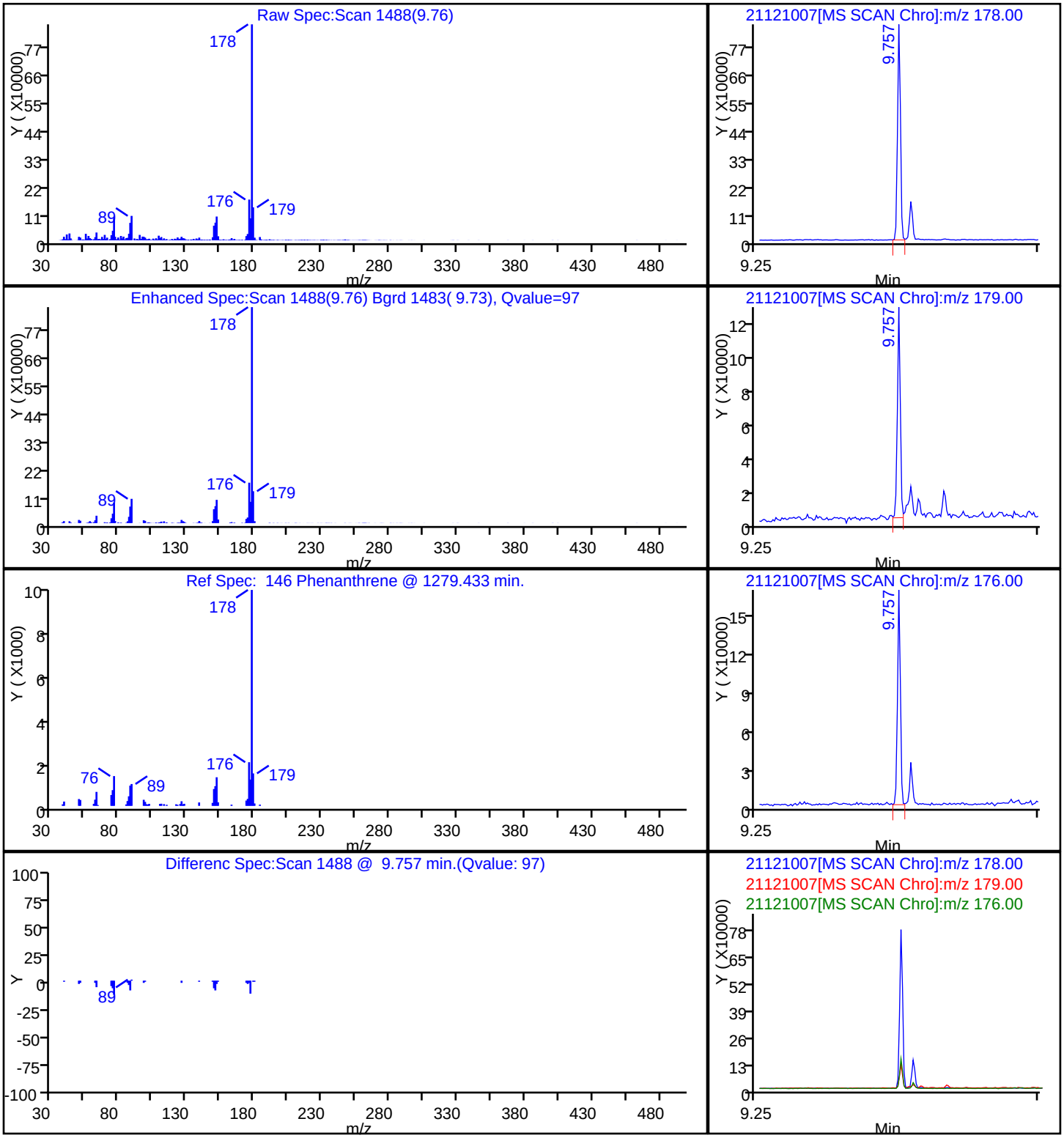
Report Date: 23-Nov-2012 10:11:22 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121007.D

Injection Date:	21-Nov-2012 13:38:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0003M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	7
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

146 Phenanthrene



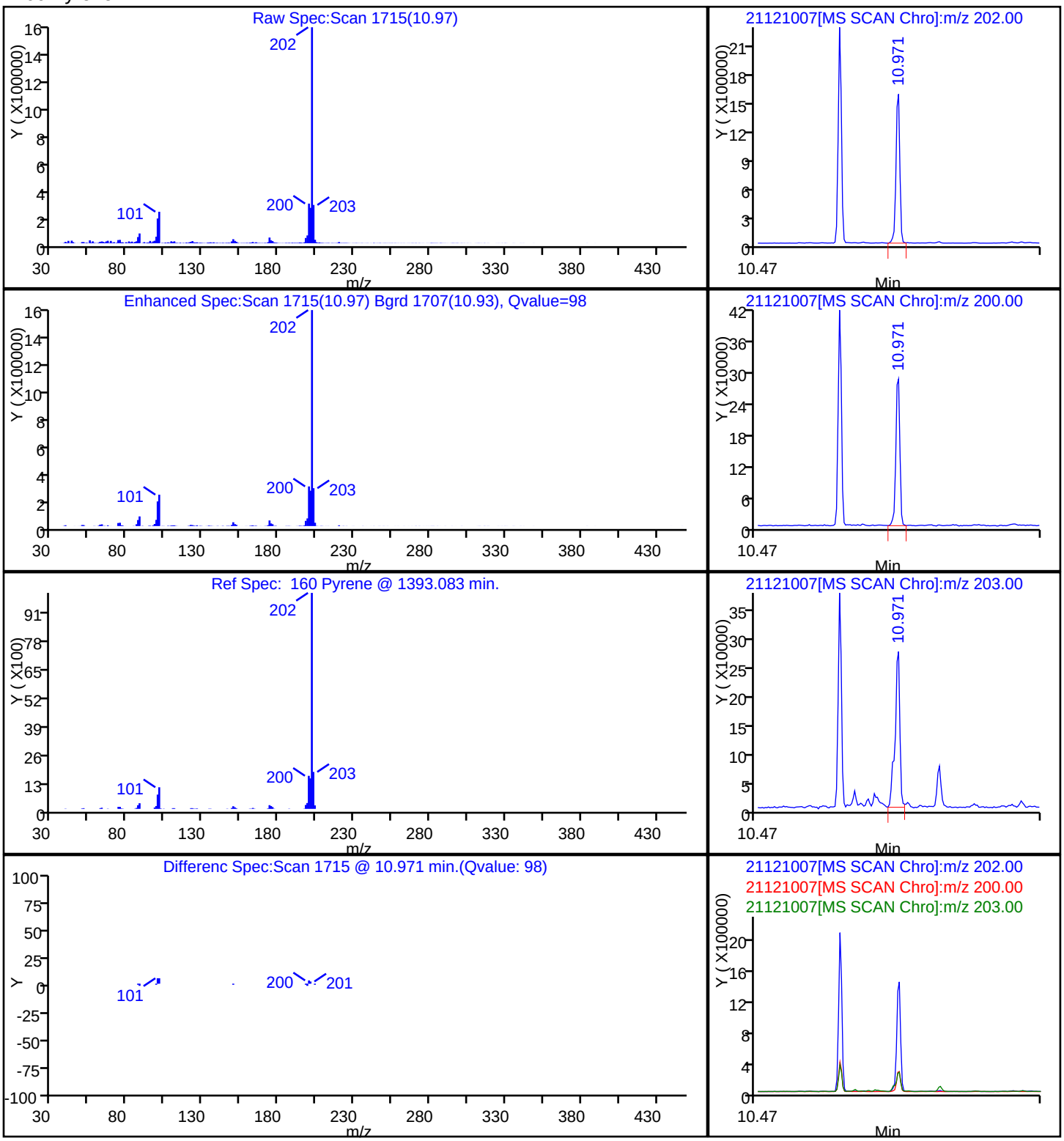
Report Date: 23-Nov-2012 10:11:22 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121007.D

Injection Date:	21-Nov-2012 13:38:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0003M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	7
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

160 Pyrene



Manual Integration/User Assign Peak Report

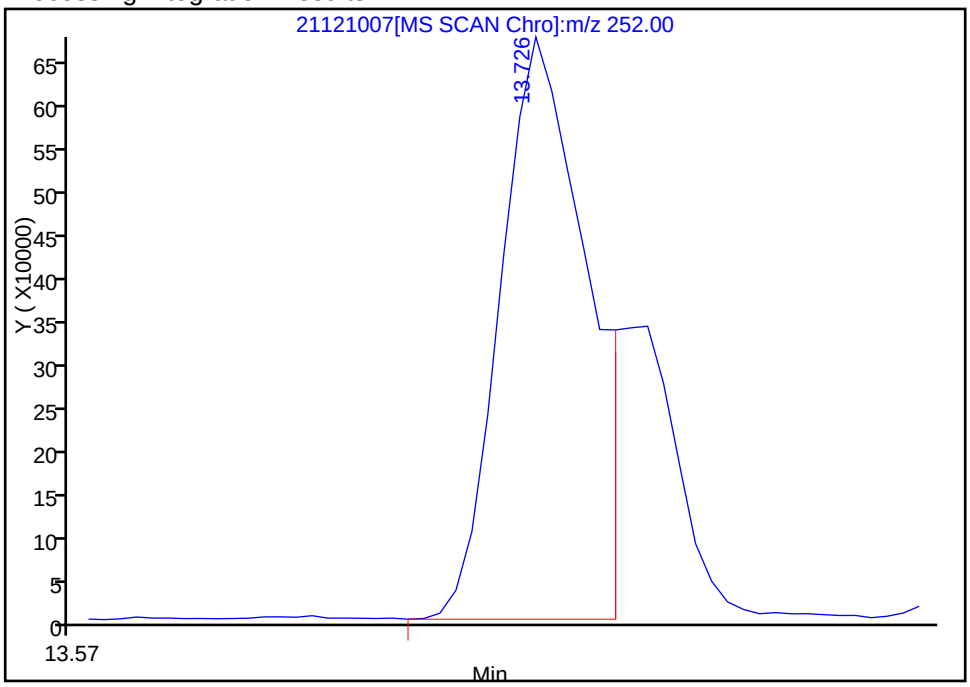
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121007.D		
Injection Date:	21-Nov-2012 13:38:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0003M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	7
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

181 Benzo[k]fluoranthene, Signal: 1, m/z: 252.0 Type: quant, RT: 13.76

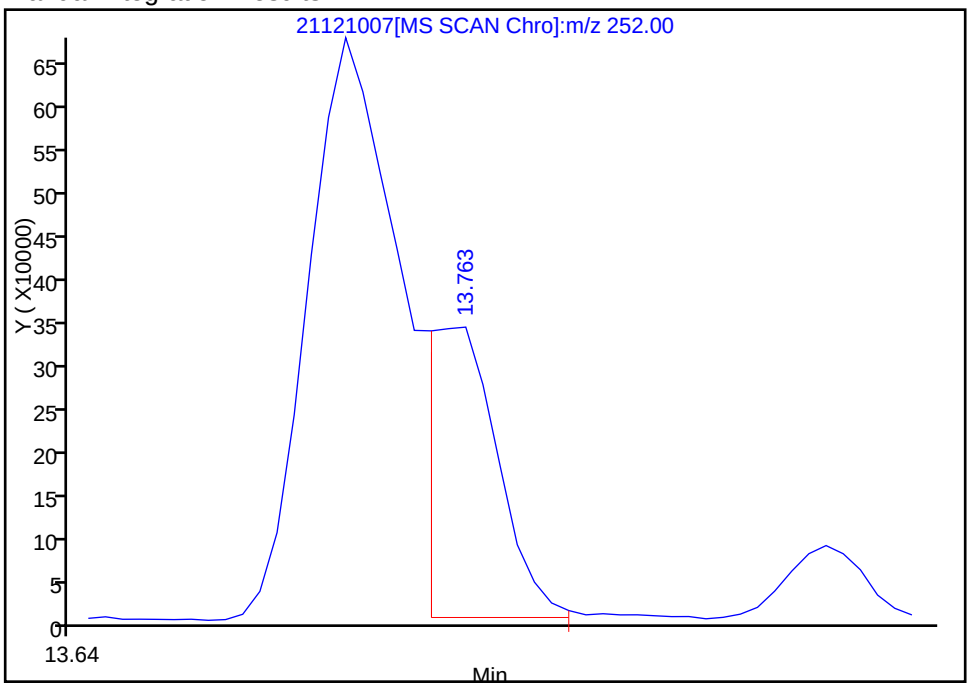
Processing Integration Results

RT: 13.73
Response: 1376143
Amount: 7.082495



Manual Integration Results

RT: 13.76
Response: 512185
Amount: 2.636025



Reviewer: gruberj, 21-Nov-2012 15:00:51
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: 068SS-0004M-0001-SO | Lab Sample ID: 240-17317-8

Matrix: Solid | Lab File ID: 21121012.D

Analysis Method: 8270C/DoD | Date Collected: 11/06/2012 12:00

Extract. Method: 3540C | Date Extracted: 11/16/2012 11:46

Sample wt/vol: 30.23(g) | Date Analyzed: 11/21/2012 15:35

Con. Extract Vol.: 2(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 65876 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	16	U	33	16	16
208-96-8	Acenaphthylene	16	U	33	16	16
120-12-7	Anthracene	28	J D	33	16	16
56-55-3	Benzo[a]anthracene	190	D	33	16	16
50-32-8	Benzo[a]pyrene	250	D	33	16	16
205-99-2	Benzo[b]fluoranthene	390	D	33	16	16
191-24-2	Benzo[g,h,i]perylene	130	D	33	16	16
65-85-0	Benzoic acid	1700	U	3300	1700	1700
207-08-9	Benzo[k]fluoranthene	100	D M	33	16	16
100-51-6	Benzyl alcohol	130	U	1600	130	100
111-91-1	Bis(2-chloroethoxy)methane	130	U	500	130	110
111-44-4	Bis(2-chloroethyl)ether	16	U	500	16	9.9
108-60-1	bis (2-chloroisopropyl) ether	130	U	500	130	47
117-81-7	Bis(2-ethylhexyl) phthalate	130	U	250	130	94
101-55-3	4-Bromophenyl phenyl ether	130	U	250	130	65
85-68-7	Butyl benzyl phthalate	130	U	250	130	50
86-74-8	Carbazole	130	U	250	130	130
106-47-8	4-Chloroaniline	130	U	740	130	84
59-50-7	4-Chloro-3-methylphenol	130	U	740	130	100
91-58-7	2-Chloronaphthalene	16	U	250	16	16
95-57-8	2-Chlorophenol	130	U	250	130	130
7005-72-3	4-Chlorophenyl phenyl ether	130	U	250	130	65
218-01-9	Chrysene	230	D	33	16	5.5
53-70-3	Dibenz(a,h)anthracene	16	U	33	16	16
132-64-9	Dibenzofuran	16	U	250	16	16
106-46-7	1,4-Dichlorobenzene	130	U	250	130	99
95-50-1	1,2-Dichlorobenzene	130	U	250	130	48
541-73-1	1,3-Dichlorobenzene	130	U	250	130	55
91-94-1	3,3'-Dichlorobenzidine	400	U	500	400	89
120-83-2	2,4-Dichlorophenol	130	U	740	130	99
84-66-2	Diethyl phthalate	130	U	250	130	79
105-67-9	2,4-Dimethylphenol	400	U	740	400	99
131-11-3	Dimethyl phthalate	130	U	250	130	84
84-74-2	Di-n-butyl phthalate	130	U	250	130	74

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: 068SS-0004M-0001-SO | Lab Sample ID: 240-17317-8

Matrix: Solid | Lab File ID: 21121012.D

Analysis Method: 8270C/DoD | Date Collected: 11/06/2012 12:00

Extract. Method: 3540C | Date Extracted: 11/16/2012 11:46

Sample wt/vol: 30.23(g) | Date Analyzed: 11/21/2012 15:35

Con. Extract Vol.: 2(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 65876 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	400	U	740	400	400
51-28-5	2,4-Dinitrophenol	400	U	1600	400	400
121-14-2	2,4-Dinitrotoluene	130	U	990	130	130
606-20-2	2,6-Dinitrotoluene	130	U	990	130	100
117-84-0	Di-n-octyl phthalate	130	U	250	130	130
206-44-0	Fluoranthene	410	D	33	16	16
86-73-7	Fluorene	16	U	33	16	16
118-74-1	Hexachlorobenzene	16	U	33	16	10
87-68-3	Hexachlorobutadiene	130	U	250	130	130
77-47-4	Hexachlorocyclopentadiene	130	U	1600	130	130
67-72-1	Hexachloroethane	130	U	250	130	45
193-39-5	Indeno[1,2,3-cd]pyrene	140	D	33	16	16
78-59-1	Isophorone	130	U	250	130	65
91-57-6	2-Methylnaphthalene	23	J D	33	16	16
95-48-7	2-Methylphenol	400	U	990	400	400
15831-10-4	3 & 4 Methylphenol	400	U	2000	400	99
91-20-3	Naphthalene	16	U	33	16	16
88-74-4	2-Nitroaniline	130	U	990	130	45
99-09-2	3-Nitroaniline	400	U	990	400	79
100-01-6	4-Nitroaniline	130	U	990	130	130
98-95-3	Nitrobenzene	16	U	500	16	11
88-75-5	2-Nitrophenol	130	U	250	130	130
100-02-7	4-Nitrophenol	400	U	1600	400	400
621-64-7	N-Nitrosodi-n-propylamine	130	U	250	130	130
86-30-6	N-Nitrosodiphenylamine	130	U	250	130	100
87-86-5	Pentachlorophenol	400	U	740	400	400
85-01-8	Phenanthrene	150	D	33	16	16
108-95-2	Phenol	130	U	250	130	130
129-00-0	Pyrene	310	D	33	16	16
120-82-1	1,2,4-Trichlorobenzene	130	U	250	130	130
95-95-4	2,4,5-Trichlorophenol	130	U	740	130	120
88-06-2	2,4,6-Trichlorophenol	400	U	740	400	400

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: 068SS-0004M-0001-SO | Lab Sample ID: 240-17317-8

Matrix: Solid | Lab File ID: 21121012.D

Analysis Method: 8270C/DoD | Date Collected: 11/06/2012 12:00

Extract. Method: 3540C | Date Extracted: 11/16/2012 11:46

Sample wt/vol: 30.23(g) | Date Analyzed: 11/21/2012 15:35

Con. Extract Vol.: 2(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 65876 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	61		45-105
367-12-4	2-Fluorophenol (Surr)	65		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	57		35-100
1718-51-0	Terphenyl-d14 (Surr)	72		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	75		35-125
4165-62-2	Phenol-d5 (Surr)	64		40-100

Report Date: 23-Nov-2012 10:11:15 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121012.D
Lims ID: 240-17317-A-8-D Client ID: 068SS-0004M-0001-SO
Inject. Date: 21-Nov-2012 15:35:30 Dil. Factor: 5.0000
Sample Type: Client
Sample ID: 240-0015157-012
Misc. Info.: 240-17317-a-8-d
Operator: 001710 Instrument ID: A4HP7
Injection Vol: 1.0 ul ALS Bottle#: 12
Lims Batch ID: 65876 Lims Sample ID: 12
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\8270_hp7.m
Last Update: 23-Nov-2012 10:11:01 Calib Date: 14-Nov-2012 18:19:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP7\20121114-14953.b\21114010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: 5% phenyl Column Dia: 0.18 mm
Process Host: XAWRK037

First Level Reviewer: gruberj Date: 21-Nov-2012 15:58:06

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.869	5.863	0.006	95	169794	4.00	
* 2 Naphthalene-d8	136	6.986	6.986	0.0	99	664266	4.00	
* 3 Acenaphthene-d10	164	8.479	8.479	0.0	93	388190	4.00	
* 4 Phenanthrene-d10	188	9.736	9.736	0.0	98	676101	4.00	
* 5 Chrysene-d12	240	12.255	12.255	0.0	98	714642	4.00	
* 6 Perylene-d12	264	14.298	14.298	0.0	92	608290	4.00	
$ 7 2-Fluorophenol	112	4.638	4.595	0.043	92	102508	1.95	
$ 8 Phenol-d5	99	5.516	5.510	0.006	96	128752	1.93	
$ 9 Nitrobenzene-d5	82	6.355	6.355	0.0	88	67156	1.15	
$ 10 2-Fluorobiphenyl (Surr)	172	7.896	7.896	0.0	98	152421	1.21	
$ 11 2,4,6-Tribromophenol	330	9.147	9.147	0.0	87	35992	2.24	
$ 12 Terphenyl-d14	244	11.083	11.083	0.0	98	190864	1.44	
41 Phenol	94		5.521					2
44 Bis(2-chloroethyl)ether	93		5.617					9
46 2-Chlorophenol	128		5.671					9
47 1,3-Dichlorobenzene	146		5.815					9
48 1,4-Dichlorobenzene	146		5.879					9
49 Benzyl alcohol	108		5.981					
50 1,2-Dichlorobenzene	146		6.018					
51 2-Methylphenol	108		6.072					9
52 2,2'-oxybis[1-chloropropane]	45		6.098					9
191 3 & 4 Methylphenol	108		6.200					
56 N-Nitrosodi-n-propylamine	70		6.211					9
60 Hexachloroethane	117		6.323					9
61 Nitrobenzene	77		6.371					
63 Isophorone	82		6.574					9
65 2-Nitrophenol	139		6.649					9
64 2,4-Dimethylphenol	107		6.671					
69 Benzoic acid	122		6.735					9
68 Bis(2-chloroethoxy)methane	93		6.756					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
71 2,4-Dichlorophenol	162		6.853					
72 1,2,4-Trichlorobenzene	180		6.933					
73 Naphthalene	128		7.002					9
74 4-Chloroaniline	127		7.040					9
77 Hexachlorobutadiene	225		7.104					
84 4-Chloro-3-methylphenol	107		7.436					
85 2-Methylnaphthalene	142	7.596	7.596	0.0	78	7233	0.0681	
88 Hexachlorocyclopentadiene	237		7.724					
90 2,4,6-Trichlorophenol	196		7.826					
91 2,4,5-Trichlorophenol	196		7.853					
98 2-Chloronaphthalene	162		8.008					
100 2-Nitroaniline	65		8.083					9
103 Dimethyl phthalate	163		8.222					9
105 2,6-Dinitrotoluene	165		8.281					
107 Acenaphthylene	152		8.361					9
108 3-Nitroaniline	138		8.425					9
110 Acenaphthene	153		8.511					9
109 2,4-Dinitrophenol	184		8.516					
111 4-Nitrophenol	109		8.548					
112 2,4-Dinitrotoluene	165		8.623					9
114 Dibenzofuran	168		8.655					
119 Diethyl phthalate	149		8.816					
121 4-Chlorophenyl phenyl ether	204		8.928					
123 4-Nitroaniline	138		8.944					9
124 Fluorene	166		8.944					
126 4,6-Dinitro-2-methylphenol	198		8.965					
130 N-Nitrosodiphenylamine	169		9.024					
137 4-Bromophenyl phenyl ether	248		9.345					
139 Hexachlorobenzene	284		9.409					
141 Pentachlorophenol	266		9.564					9
146 Phenanthrene	178	9.757	9.757	0.0	92	83209	0.4505	
147 Anthracene	178	9.805	9.800	0.005	79	15742	0.0858	
149 Carbazole	167	9.928	9.928	0.0	53	16360	0.0918	
151 Di-n-butyl phthalate	149		10.185					
157 Fluoranthene	202	10.763	10.762	0.001	97	250574	1.23	
160 Pyrene	202	10.966	10.971	-0.005	97	213303	0.9354	
166 Butyl benzyl phthalate	149		11.549					
173 3,3'-Dichlorobenzidine	252		12.191					9
171 Bis(2-ethylhexyl) phthalate	149		12.207					
175 Benzo[a]anthracene	228	12.239	12.244	-0.005	93	113963	0.5714	
176 Chrysene	228	12.287	12.287	0.0	84	129459	0.6811	
178 Di-n-octyl phthalate	149		13.100					
180 Benzo[b]fluoranthene	252	13.726	13.726	0.0	95	231433	1.19	
181 Benzo[k]fluoranthene	252	13.758	13.763	-0.005	1	64002	0.3035	M
182 Benzo[a]pyrene	252	14.212	14.212	0.0	65	128999	0.7699	
186 Indeno[1,2,3-cd]pyrene	276	15.929	15.929	0.0	85	76429	0.4349	
187 Dibenz(a,h)anthracene	278		15.956					
188 Benzo[g,h,i]perylene	276	16.357	16.362	-0.005	84	66718	0.3831	

QC Flag Legend

Processing Flags
2 - Failed Coelution Test
9 - Failed A Reference Spectral Test

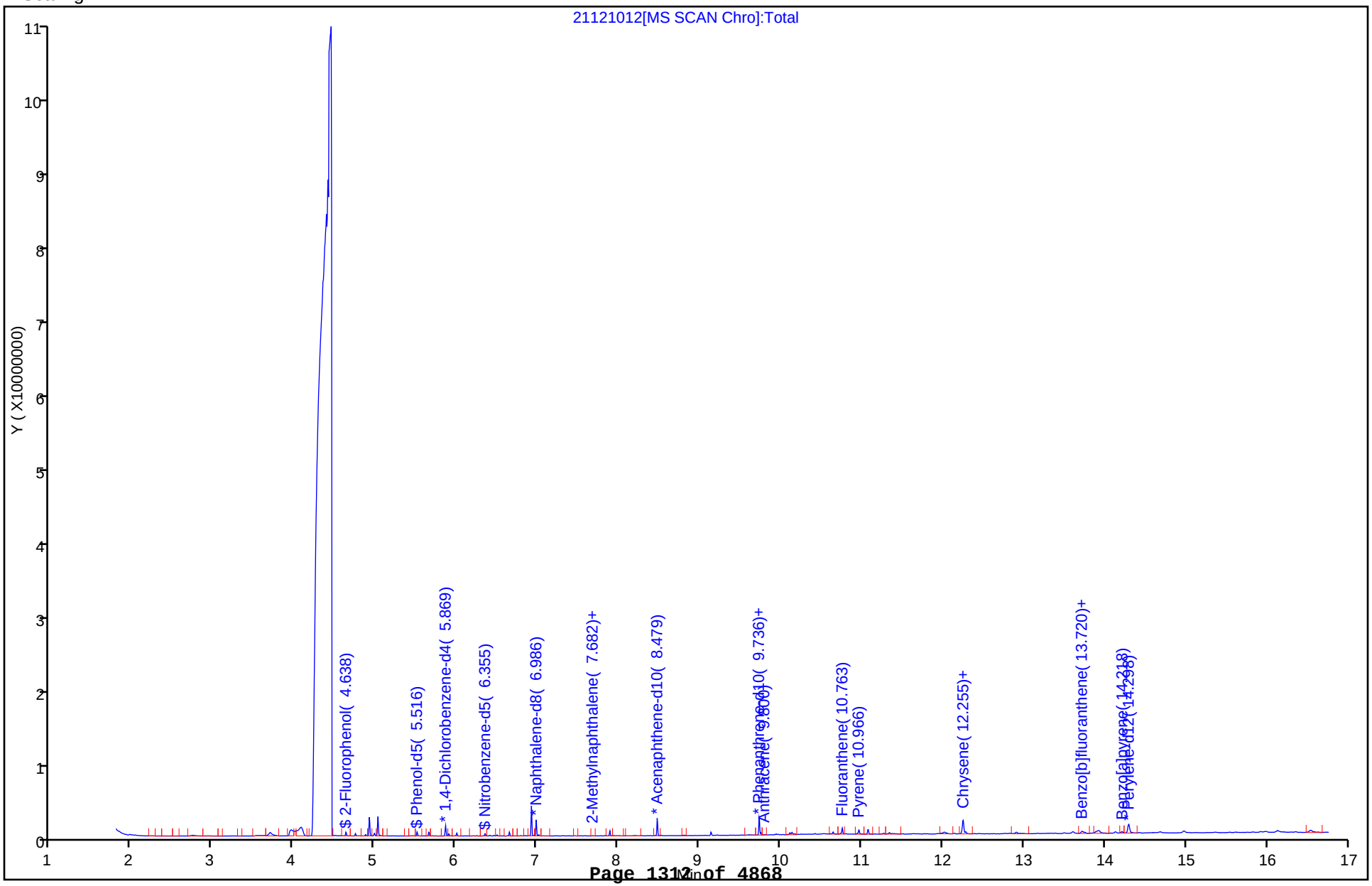
Review Flags
M - Manually Integrated

Report Date: 23-Nov-2012 10:11:15 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121012.D		
Injection Date:	21-Nov-2012 15:35:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0004M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	12
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:

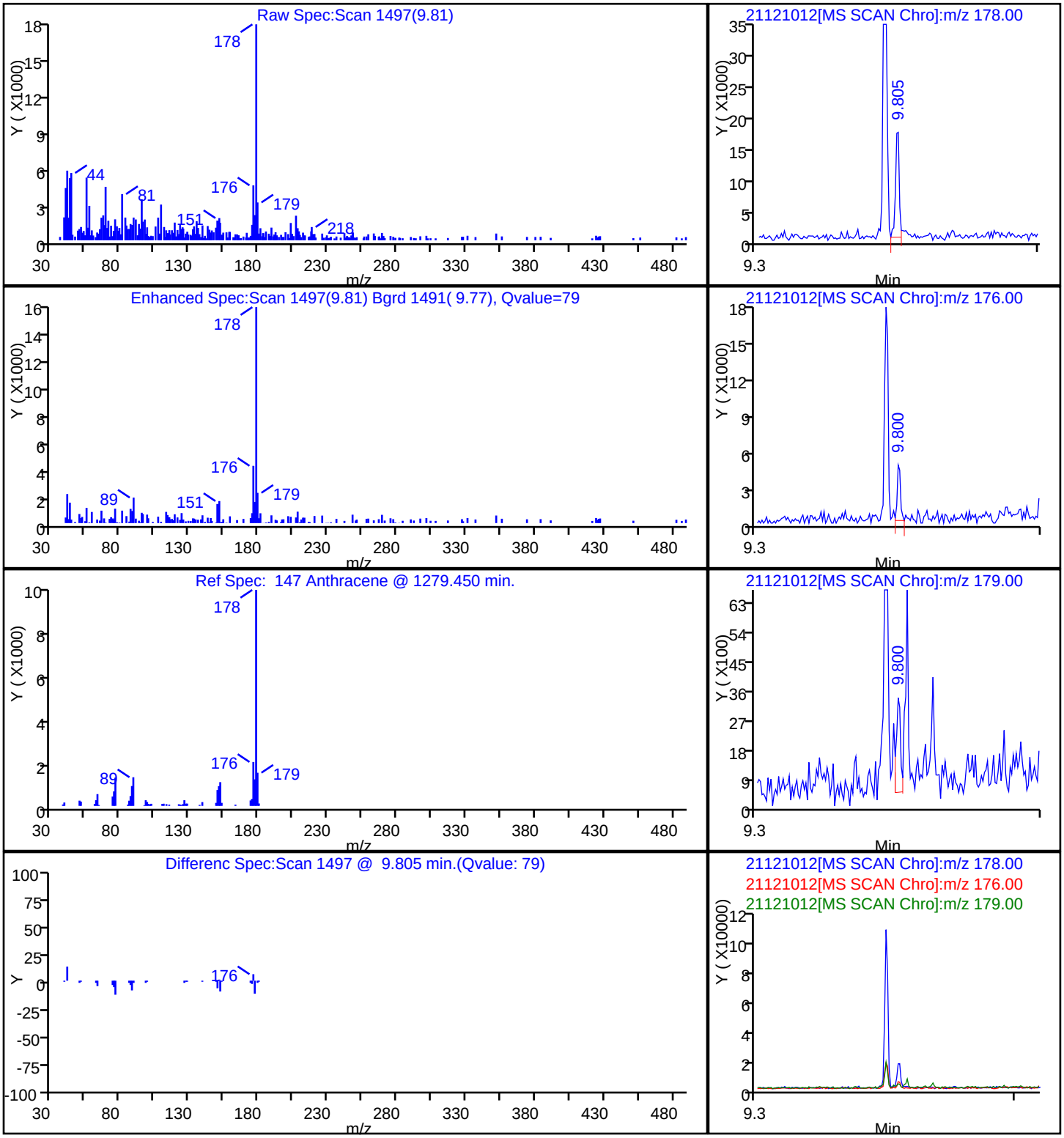


Report Date: 23-Nov-2012 10:11:16 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121012.D		
Injection Date:	21-Nov-2012 15:35:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0004M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	12
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

147 Anthracene



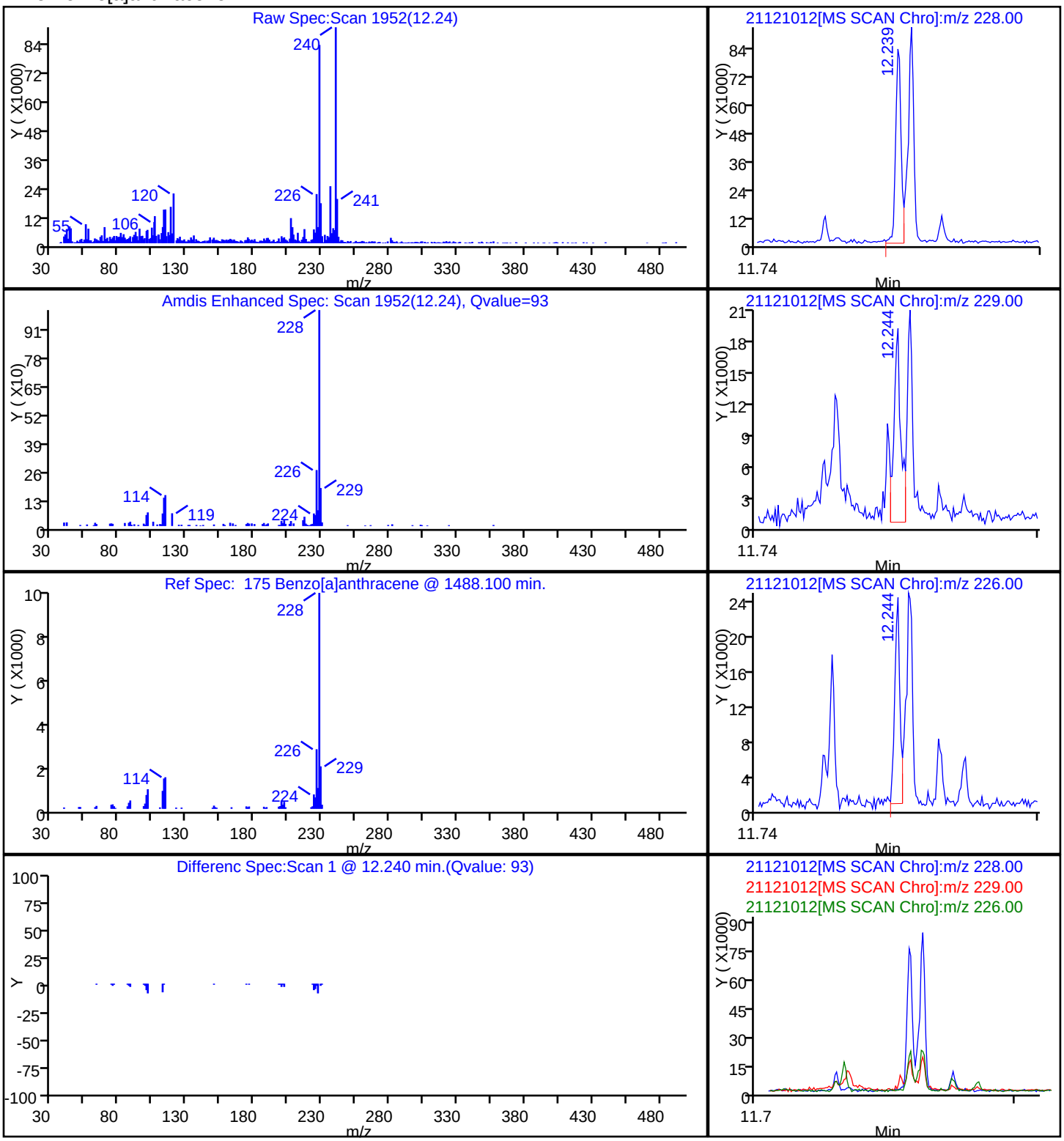
Report Date: 23-Nov-2012 10:11:16 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121012.D

Injection Date:	21-Nov-2012 15:35:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0004M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	12
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

175 Benzo[a]anthracene

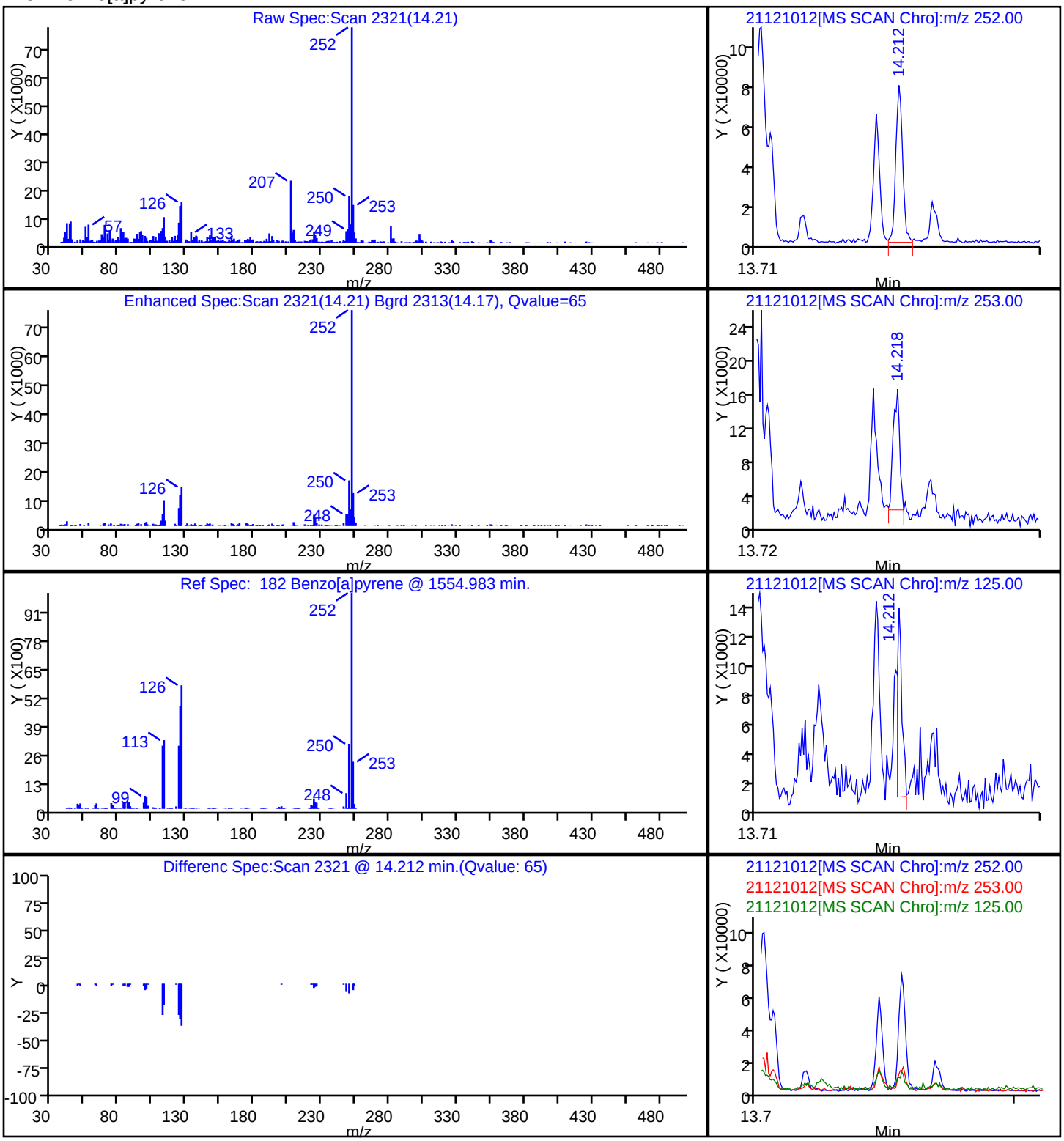


Report Date: 23-Nov-2012 10:11:16 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121012.D		
Injection Date:	21-Nov-2012 15:35:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0004M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	12
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

182 Benzo[a]pyrene

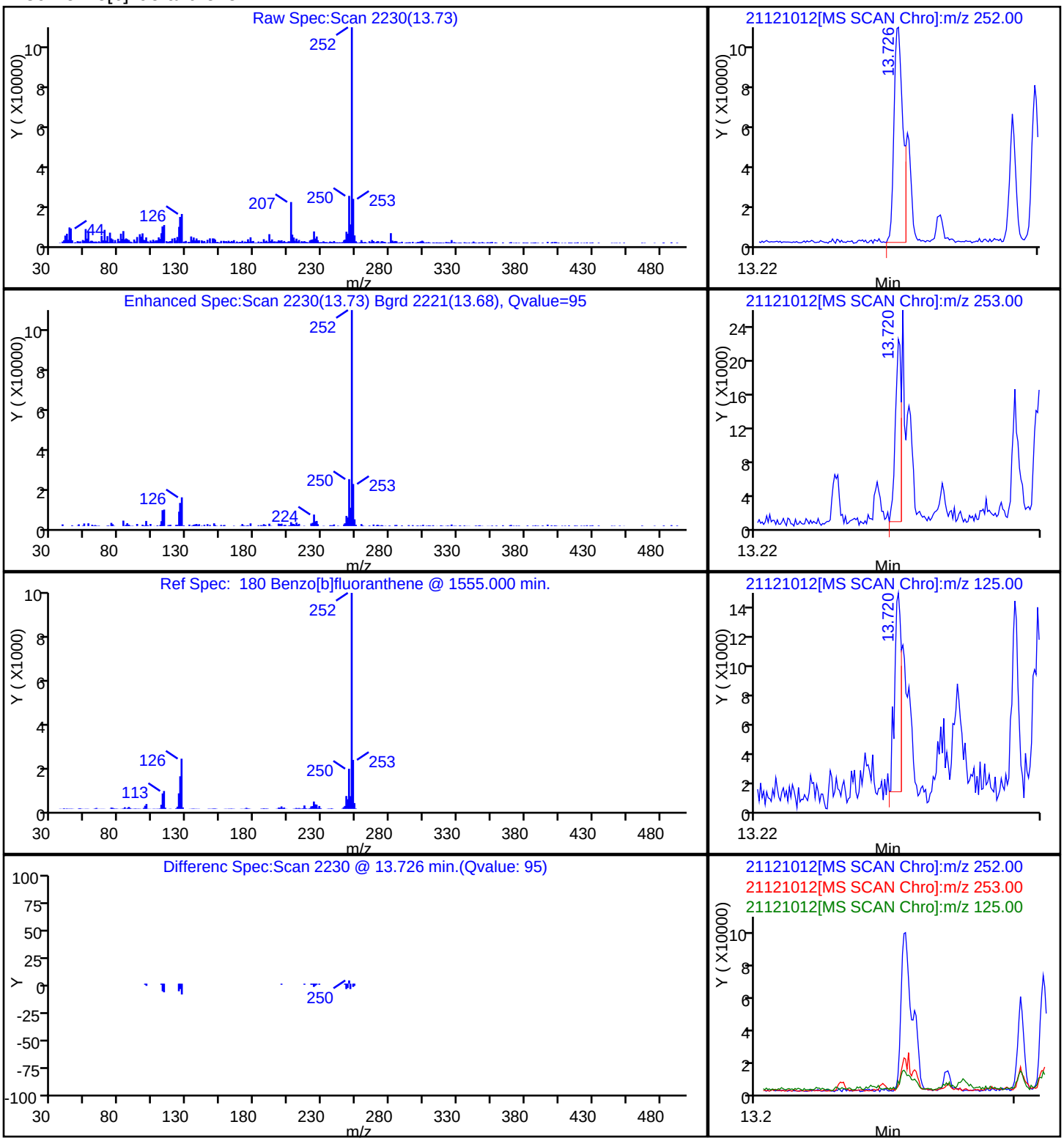


Report Date: 23-Nov-2012 10:11:16 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121012.D		
Injection Date:	21-Nov-2012 15:35:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0004M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	12
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

180 Benzo[b]fluoranthene

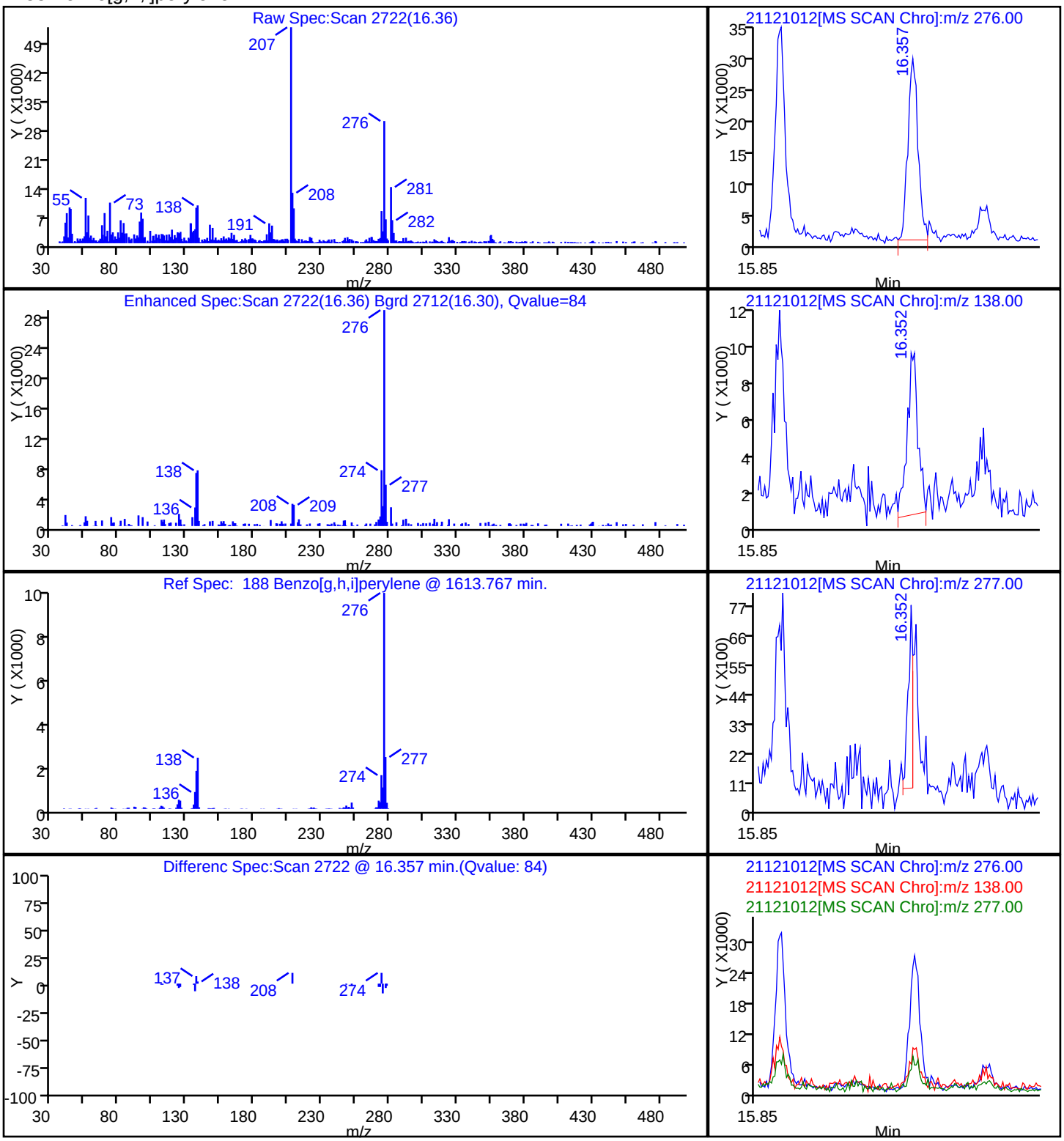


Report Date: 23-Nov-2012 10:11:16 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121012.D		
Injection Date:	21-Nov-2012 15:35:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0004M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	12
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

188 Benzo[g,h,i]perylene



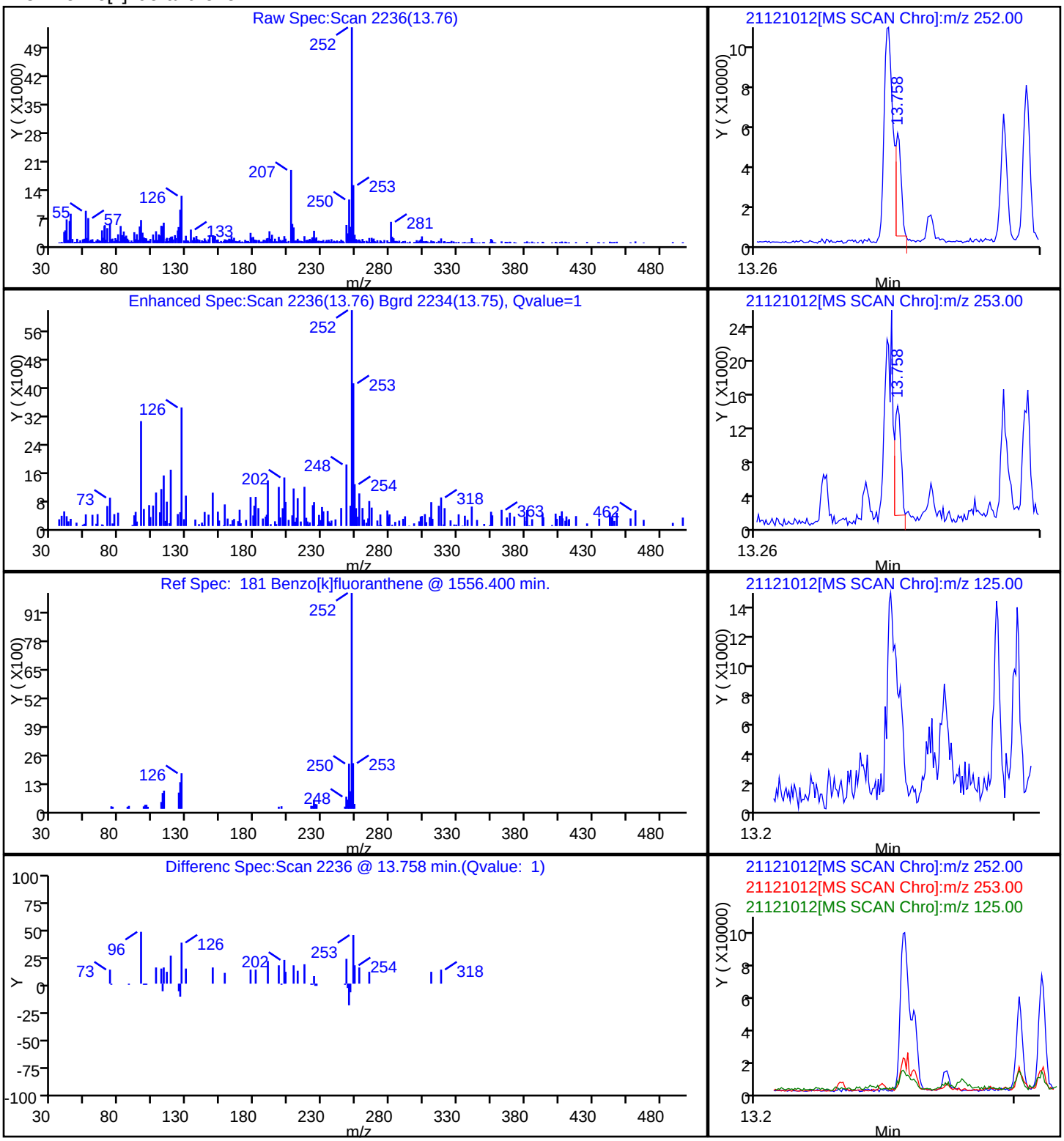
Report Date: 23-Nov-2012 10:11:16 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121012.D

Injection Date:	21-Nov-2012 15:35:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0004M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	12
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

181 Benzo[k]fluoranthene



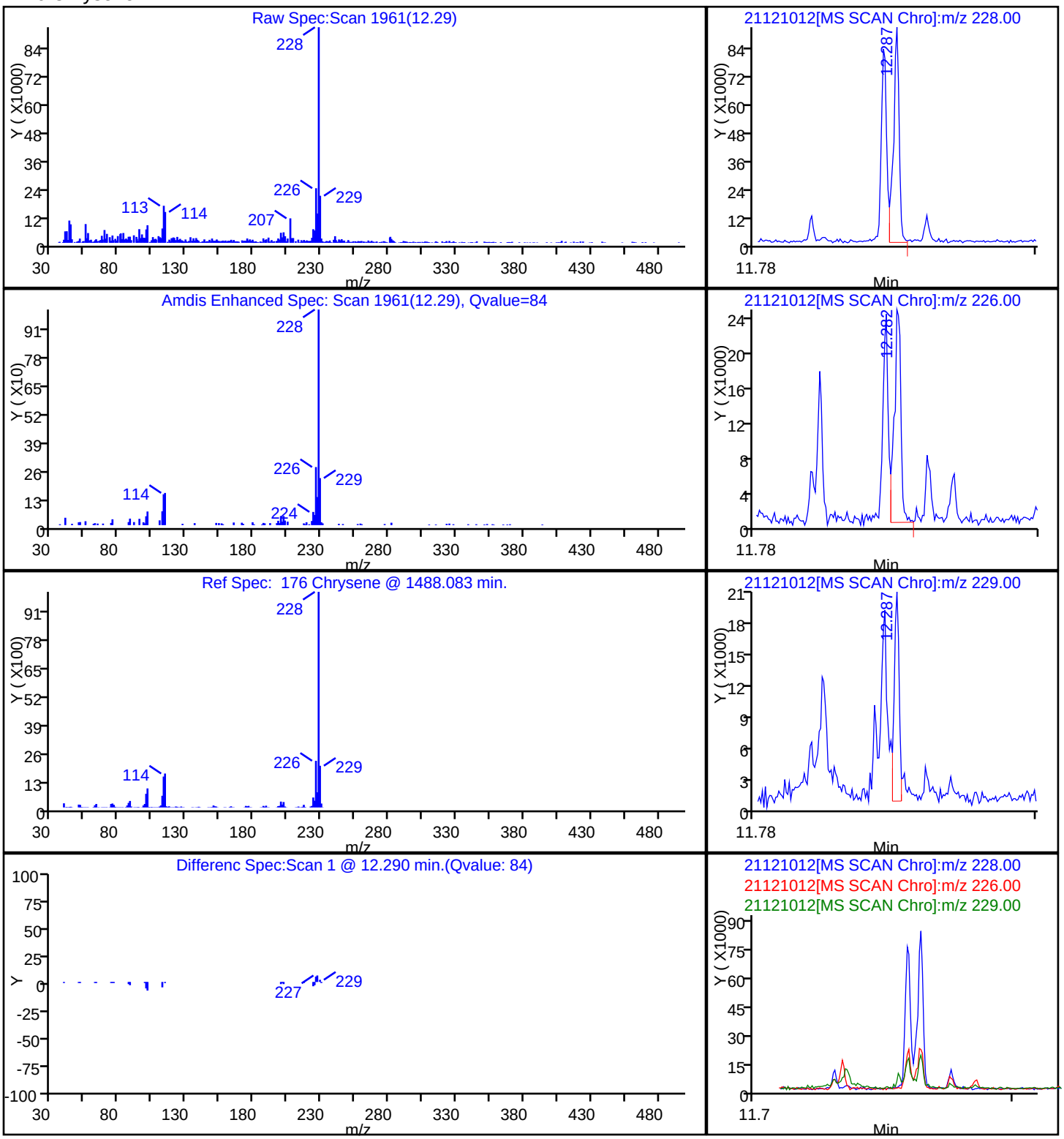
Report Date: 23-Nov-2012 10:11:16 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121012.D

Injection Date:	21-Nov-2012 15:35:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0004M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	12
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

176 Chrysene



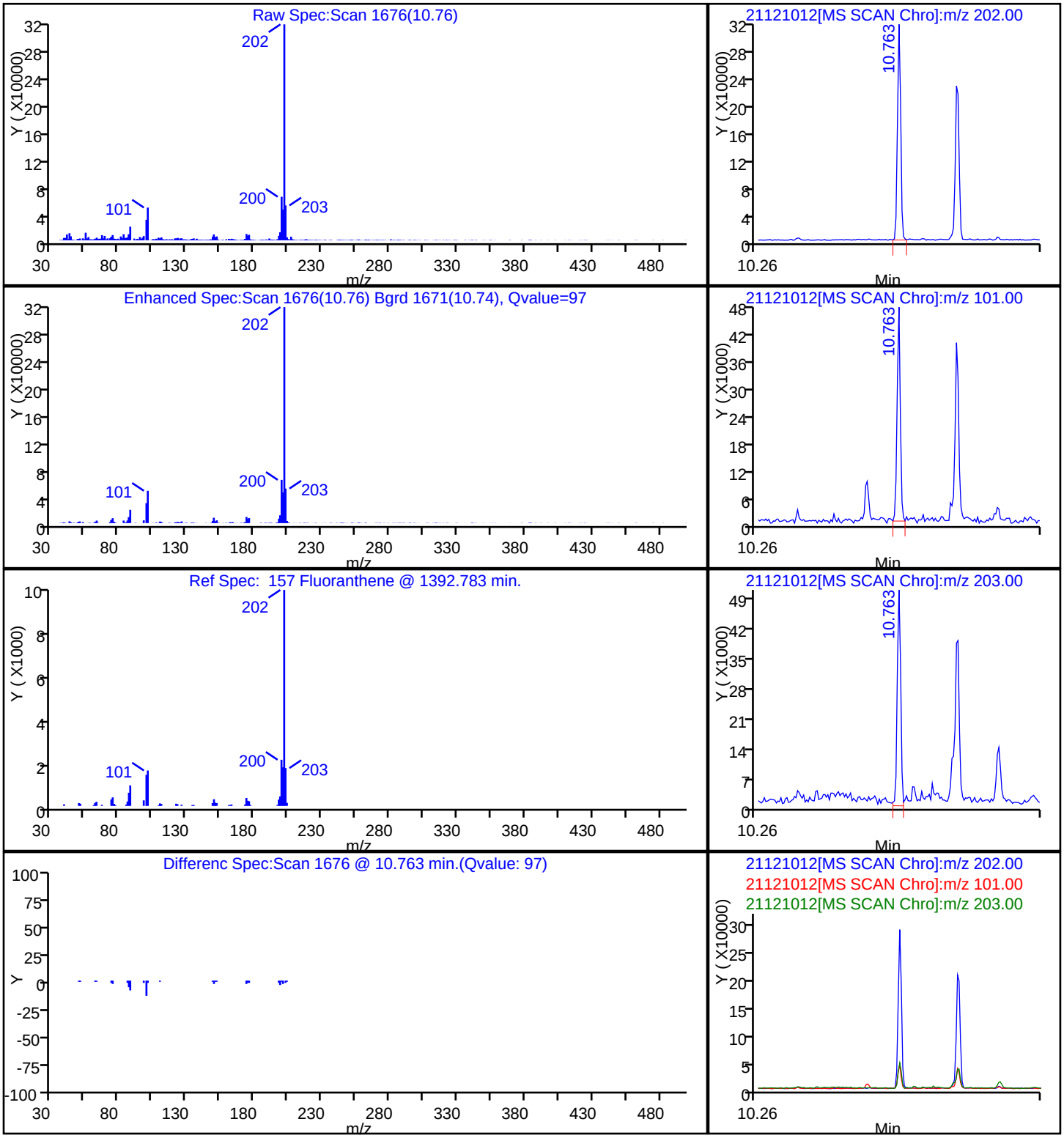
Report Date: 23-Nov-2012 10:11:16 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121012.D

Injection Date:	21-Nov-2012 15:35:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0004M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	12
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

157 Fluoranthene



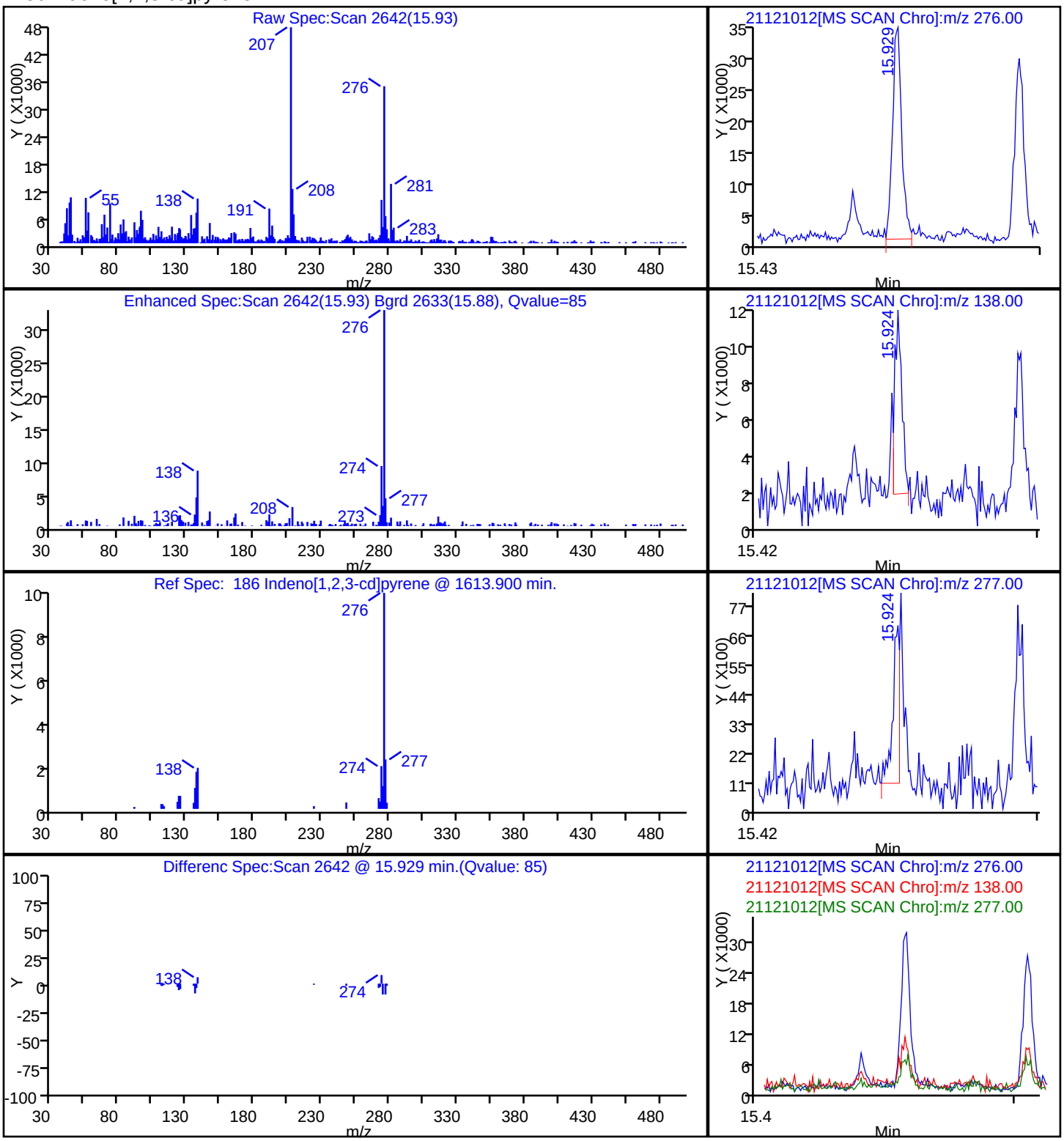
Report Date: 23-Nov-2012 10:11:16 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121012.D

Injection Date:	21-Nov-2012 15:35:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0004M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	12
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

186 Indeno[1,2,3-cd]pyrene



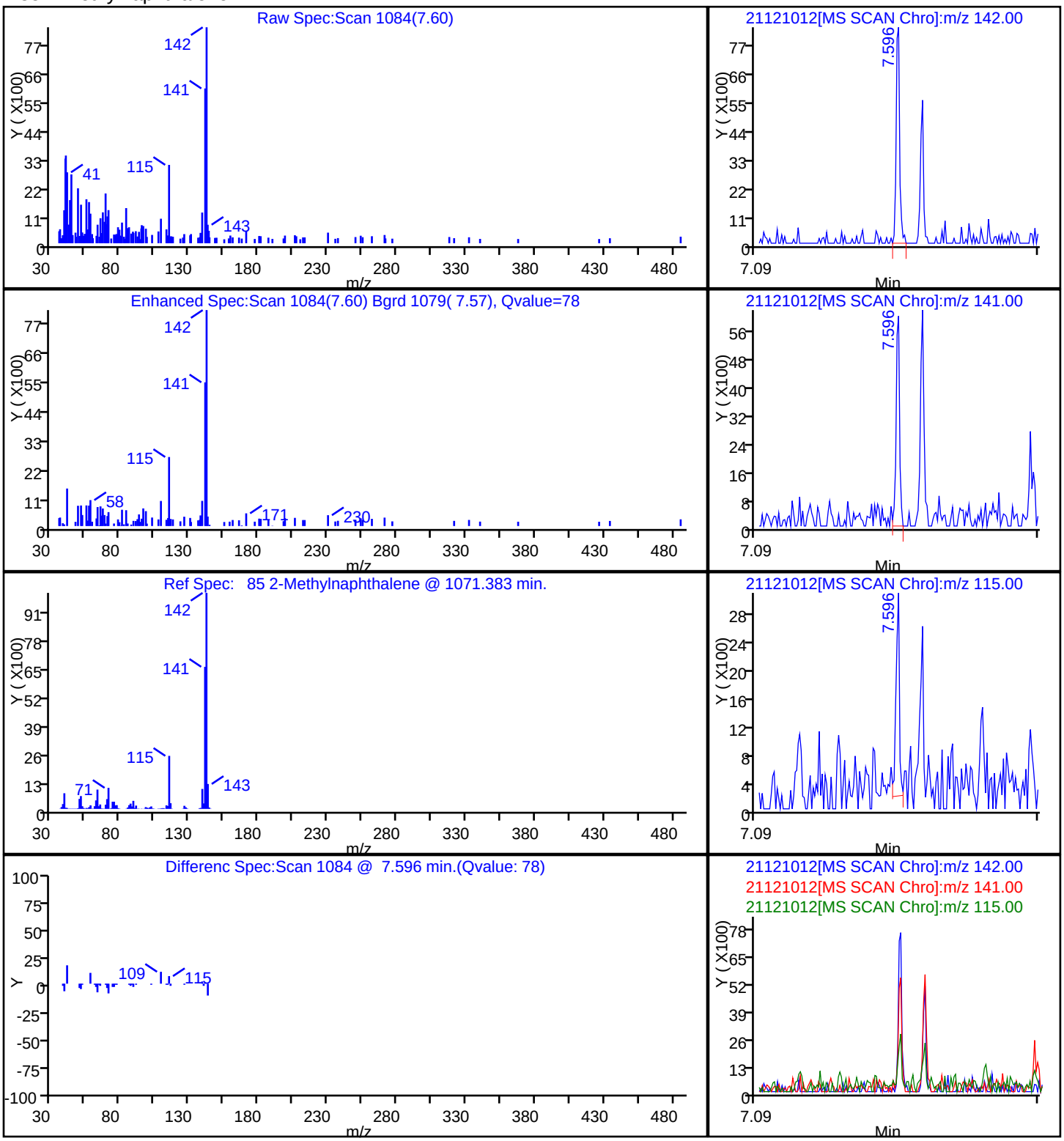
Report Date: 23-Nov-2012 10:11:16 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121012.D

Injection Date:	21-Nov-2012 15:35:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0004M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	12
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

85 2-Methylnaphthalene



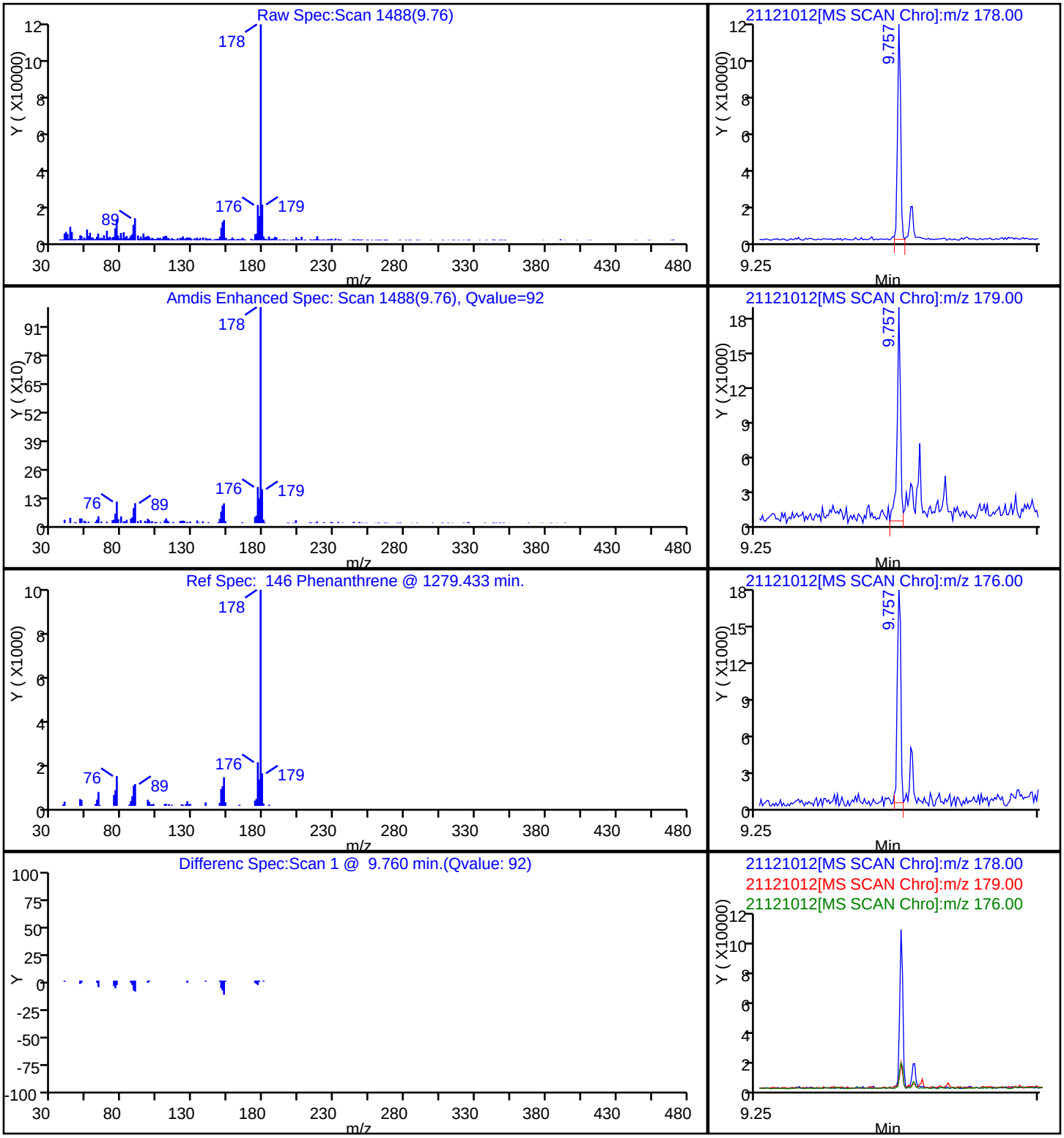
Report Date: 23-Nov-2012 10:11:16 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121012.D

Injection Date:	21-Nov-2012 15:35:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0004M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	12
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

146 Phenanthrene

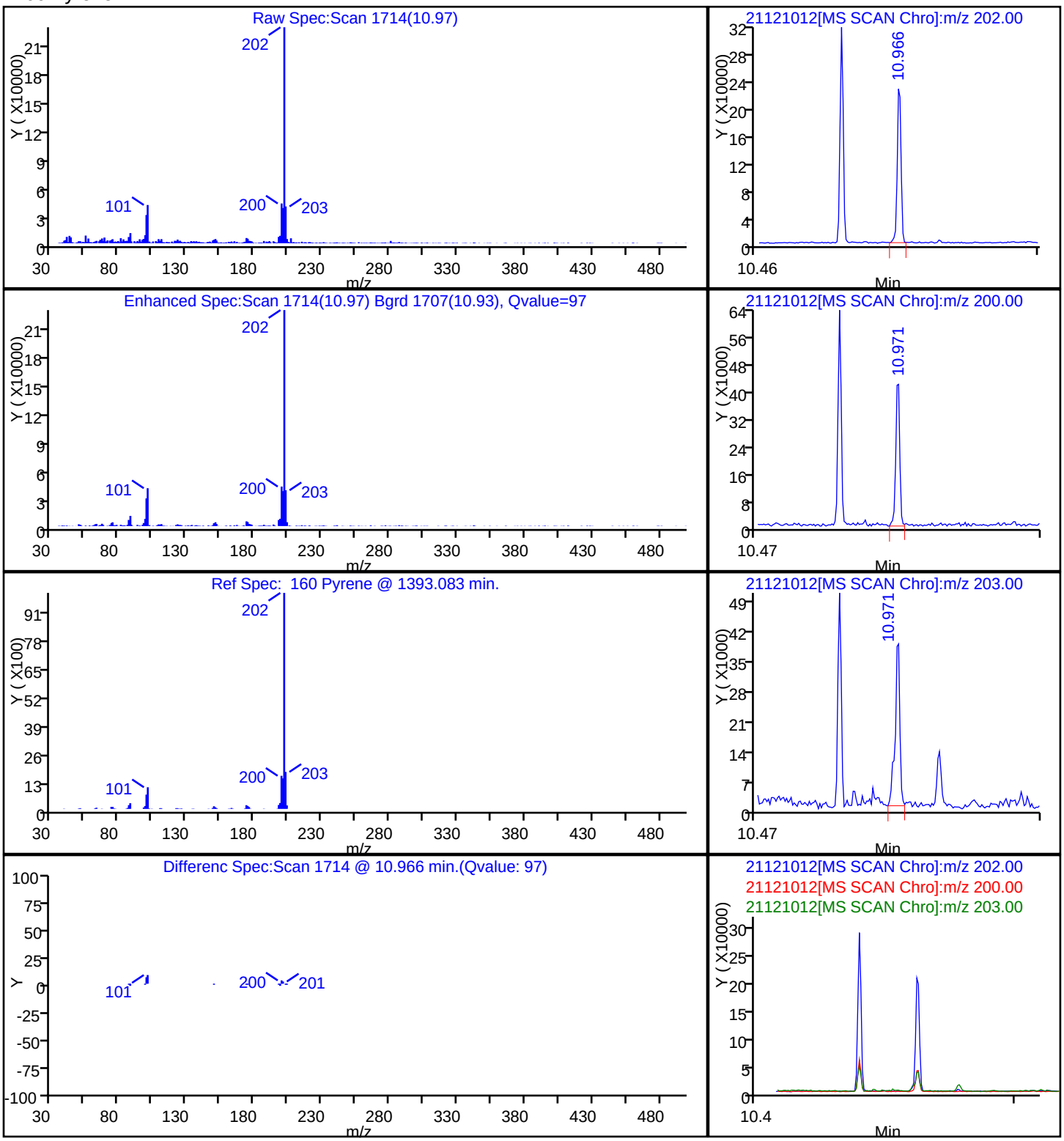


Report Date: 23-Nov-2012 10:11:16 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121012.D		
Injection Date:	21-Nov-2012 15:35:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0004M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	12
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

160 Pyrene



Manual Integration/User Assign Peak Report

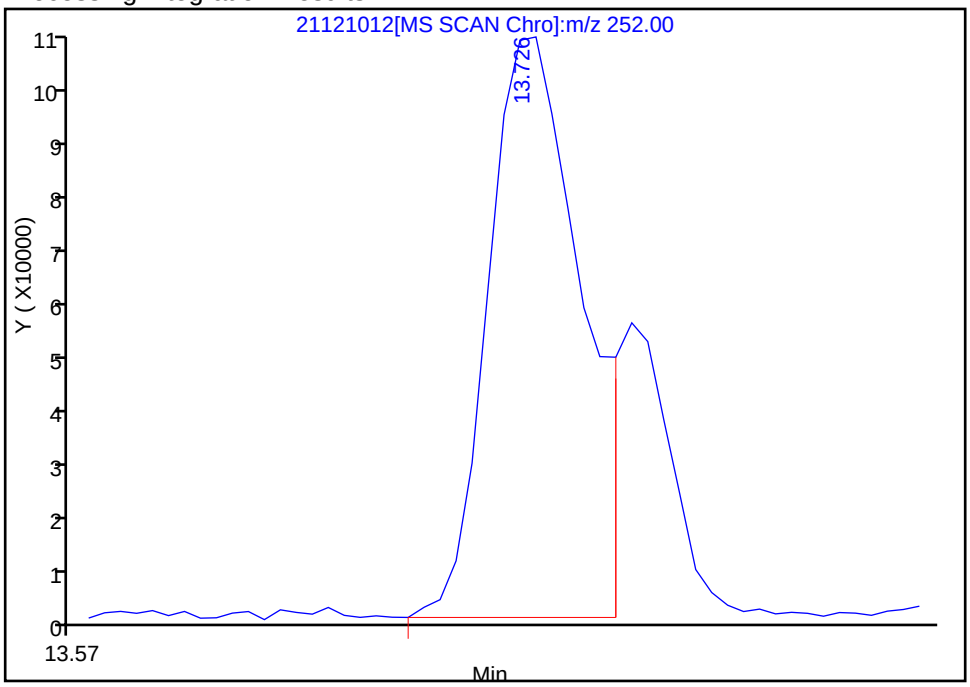
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121012.D		
Injection Date:	21-Nov-2012 15:35:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0004M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	12
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

181 Benzo[k]fluoranthene, Signal: 1, m/z: 252.0 Type: quant, RT: 13.76

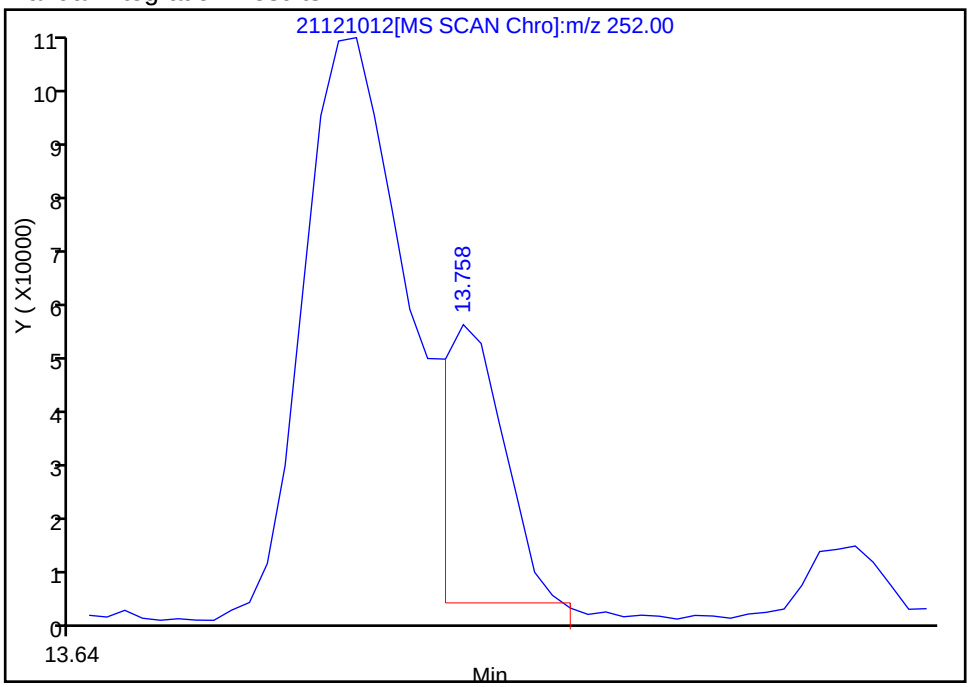
Processing Integration Results

RT: 13.73
Response: 231433
Amount: 1.097586



Manual Integration Results

RT: 13.76
Response: 64002
Amount: 0.303534



Reviewer: gruberj, 21-Nov-2012 15:58:06
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: 076SS-0004M-0001-SO | Lab Sample ID: 240-17317-9

Matrix: Solid | Lab File ID: 21123025.D

Analysis Method: 8270C/DoD | Date Collected: 11/06/2012 10:00

Extract. Method: 3540C | Date Extracted: 11/16/2012 11:50

Sample wt/vol: 29.64(g) | Date Analyzed: 11/23/2012 14:12

Con. Extract Vol.: 2(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	390	D	68	33	33
208-96-8	Acenaphthylene	43	J D	68	33	33
120-12-7	Anthracene	1500	D	68	33	33
56-55-3	Benzo[a]anthracene	3400	D	68	33	33
50-32-8	Benzo[a]pyrene	2900	D	68	33	33
205-99-2	Benzo[b]fluoranthene	4300	D	68	33	33
191-24-2	Benzo[g,h,i]perylene	1700	D	68	33	33
65-85-0	Benzoic acid	3400	U	6700	3400	3400
207-08-9	Benzo[k]fluoranthene	1300	D M	68	33	33
100-51-6	Benzyl alcohol	270	U	3300	270	210
111-91-1	Bis(2-chloroethoxy)methane	270	U	1000	270	220
111-44-4	Bis(2-chloroethyl)ether	33	U	1000	33	20
108-60-1	bis (2-chloroisopropyl) ether	270	U	1000	270	96
117-81-7	Bis(2-ethylhexyl) phthalate	270	U	510	270	190
101-55-3	4-Bromophenyl phenyl ether	270	U	510	270	130
85-68-7	Butyl benzyl phthalate	270	U	510	270	100
86-74-8	Carbazole	850	D	510	270	270
106-47-8	4-Chloroaniline	270	U	1500	270	170
59-50-7	4-Chloro-3-methylphenol	270	U	1500	270	210
91-58-7	2-Chloronaphthalene	33	U	510	33	33
95-57-8	2-Chlorophenol	270	U	510	270	270
7005-72-3	4-Chlorophenyl phenyl ether	270	U	510	270	130
218-01-9	Chrysene	3300	D	68	33	11
53-70-3	Dibenz(a,h)anthracene	520	D	68	33	33
132-64-9	Dibenzofuran	460	J D	510	33	33
106-46-7	1,4-Dichlorobenzene	270	U	510	270	200
95-50-1	1,2-Dichlorobenzene	270	U	510	270	98
541-73-1	1,3-Dichlorobenzene	270	U	510	270	110
91-94-1	3,3'-Dichlorobenzidine	810	U	1000	810	180
120-83-2	2,4-Dichlorophenol	270	U	1500	270	200
84-66-2	Diethyl phthalate	270	U	510	270	160
105-67-9	2,4-Dimethylphenol	810	U	1500	810	200
131-11-3	Dimethyl phthalate	270	U	510	270	170
84-74-2	Di-n-butyl phthalate	270	U	510	270	150

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: 076SS-0004M-0001-SO | Lab Sample ID: 240-17317-9

Matrix: Solid | Lab File ID: 21123025.D

Analysis Method: 8270C/DoD | Date Collected: 11/06/2012 10:00

Extract. Method: 3540C | Date Extracted: 11/16/2012 11:50

Sample wt/vol: 29.64(g) | Date Analyzed: 11/23/2012 14:12

Con. Extract Vol.: 2(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66051 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	810	U	1500	810	810
51-28-5	2,4-Dinitrophenol	810	U	3300	810	810
121-14-2	2,4-Dinitrotoluene	270	U	2000	270	270
606-20-2	2,6-Dinitrotoluene	270	U	2000	270	210
117-84-0	Di-n-octyl phthalate	270	U	510	270	270
206-44-0	Fluoranthene	8800	D	68	33	33
86-73-7	Fluorene	570	D	68	33	33
118-74-1	Hexachlorobenzene	33	U	68	33	21
87-68-3	Hexachlorobutadiene	270	U	510	270	270
77-47-4	Hexachlorocyclopentadiene	270	U	3300	270	270
67-72-1	Hexachloroethane	270	U	510	270	91
193-39-5	Indeno[1,2,3-cd]pyrene	1600	D	68	33	33
78-59-1	Isophorone	270	U	510	270	130
91-57-6	2-Methylnaphthalene	250	D	68	33	33
95-48-7	2-Methylphenol	810	U	2000	810	810
15831-10-4	3 & 4 Methylphenol	810	U	4000	810	200
91-20-3	Naphthalene	330	D	68	33	33
88-74-4	2-Nitroaniline	270	U	2000	270	92
99-09-2	3-Nitroaniline	810	U	2000	810	160
100-01-6	4-Nitroaniline	270	U	2000	270	260
98-95-3	Nitrobenzene	33	U	1000	33	22
88-75-5	2-Nitrophenol	270	U	510	270	270
100-02-7	4-Nitrophenol	810	U	3300	810	810
621-64-7	N-Nitrosodi-n-propylamine	270	U	510	270	270
86-30-6	N-Nitrosodiphenylamine	270	U	510	270	210
87-86-5	Pentachlorophenol	810	U	1500	810	810
85-01-8	Phenanthrene	6800	D	68	33	33
108-95-2	Phenol	270	U	510	270	270
129-00-0	Pyrene	6300	D	68	33	33
120-82-1	1,2,4-Trichlorobenzene	270	U	510	270	270
95-95-4	2,4,5-Trichlorophenol	270	U	1500	270	250
88-06-2	2,4,6-Trichlorophenol	810	U	1500	810	810

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: 076SS-0004M-0001-SO | Lab Sample ID: 240-17317-9

Matrix: Solid | Lab File ID: 21123025.D

Analysis Method: 8270C/DoD | Date Collected: 11/06/2012 10:00

Extract. Method: 3540C | Date Extracted: 11/16/2012 11:50

Sample wt/vol: 29.64(g) | Date Analyzed: 11/23/2012 14:12

Con. Extract Vol.: 2(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66051 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	63		45-105
367-12-4	2-Fluorophenol (Surr)	58		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	59		35-100
1718-51-0	Terphenyl-d14 (Surr)	72		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	72		35-125
4165-62-2	Phenol-d5 (Surr)	64		40-100

Report Date: 26-Nov-2012 11:33:22 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123025.D		
Lims ID:	240-17317-A-9-E	Client ID:	076SS-0004M-0001-SO
Inject. Date:	23-Nov-2012 14:12:30	Dil. Factor:	10.0000
Sample Type:	Client		
Sample ID:	240-0015199-025		
Misc. Info.:	240-17317-a-9-e		
Operator:	001710	Instrument ID:	A4HP7
Injection Vol:	1.0 ul	ALS Bottle#:	100
Lims Batch ID:	66051	Lims Sample ID:	25
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP7\20121123-15199.b\8270_hp7.m		
Last Update:	26-Nov-2012 11:33:09	Calib Date:	14-Nov-2012 18:19:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP7\20121114-14953.b\21114010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK022		

First Level Reviewer: gruberj Date: 26-Nov-2012 11:28:39

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.856	5.856	0.0	94	165363	4.00	
* 2 Naphthalene-d8	136	6.974	6.979	-0.005	99	640355	4.00	
* 3 Acenaphthene-d10	164	8.466	8.471	-0.005	92	378354	4.00	
* 4 Phenanthrene-d10	188	9.723	9.728	-0.005	97	655176	4.00	
* 5 Chrysene-d12	240	12.237	12.242	-0.005	98	682553	4.00	
* 6 Perylene-d12	264	14.275	14.275	0.0	97	616977	4.00	
$ 7 2-Fluorophenol	112	4.599	4.583	0.016	78	44626	0.8730	
$ 8 Phenol-d5	99	5.503	5.503	0.0	94	62115	0.9571	
$ 9 Nitrobenzene-d5	82	6.343	6.348	-0.005	81	33300	0.5915	
$ 10 2-Fluorobiphenyl (Surr)	172	7.883	7.888	-0.005	97	77048	0.6277	
$ 11 2,4,6-Tribromophenol	330	9.129	9.135	-0.006	74	17011	1.09	
$ 12 Terphenyl-d14	244	11.066	11.071	-0.005	95	91180	0.7213	
41 Phenol	94		5.514					9
44 Bis(2-chloroethyl)ether	93		5.605					9
46 2-Chlorophenol	128		5.658					
47 1,3-Dichlorobenzene	146		5.802					9
48 1,4-Dichlorobenzene	146		5.872					9
49 Benzyl alcohol	108		5.968					
50 1,2-Dichlorobenzene	146		6.011					
51 2-Methylphenol	108		6.059					
52 2,2'-oxybis[1-chloropropane]	45		6.091					
191 3 & 4 Methylphenol	108		6.193					
56 N-Nitrosodi-n-propylamine	70		6.204					9
60 Hexachloroethane	117		6.311					9
61 Nitrobenzene	77		6.364					
63 Isophorone	82		6.567					9
65 2-Nitrophenol	139		6.642					9
64 2,4-Dimethylphenol	107		6.658					9
69 Benzoic acid	122		6.728					9
68 Bis(2-chloroethoxy)methane	93		6.744					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
71 2,4-Dichlorophenol	162		6.845					
72 1,2,4-Trichlorobenzene	180		6.926					
73 Naphthalene	128	6.990	6.995	-0.005	75	79200	0.4950	
74 4-Chloroaniline	127		7.033					9
77 Hexachlorobutadiene	225		7.091					
84 4-Chloro-3-methylphenol	107		7.428					
85 2-Methylnaphthalene	142	7.584	7.584	0.0	86	38056	0.3718	
88 Hexachlorocyclopentadiene	237		7.712					
90 2,4,6-Trichlorophenol	196		7.814					
91 2,4,5-Trichlorophenol	196		7.846					
98 2-Chloronaphthalene	162		8.001					9
100 2-Nitroaniline	65		8.076					
103 Dimethyl phthalate	163		8.215					9
105 2,6-Dinitrotoluene	165		8.273					
107 Acenaphthylene	152	8.348	8.354	-0.006	81	11058	0.0641	
108 3-Nitroaniline	138		8.418					
110 Acenaphthene	153	8.493	8.498	-0.005	87	59315	0.5715	
109 2,4-Dinitrophenol	184		8.509					
111 4-Nitrophenol	109		8.536					
112 2,4-Dinitrotoluene	165		8.616					9
114 Dibenzofuran	168	8.637	8.643	-0.006	89	105403	0.6843	
119 Diethyl phthalate	149		8.803					
121 4-Chlorophenyl phenyl ether	204		8.921					
124 Fluorene	166	8.931	8.931	0.0	81	103673	0.8381	
123 4-Nitroaniline	138		8.937					9
126 4,6-Dinitro-2-methylphenol	198		8.958					
130 N-Nitrosodiphenylamine	169		9.017					
137 4-Bromophenyl phenyl ether	248		9.333					
139 Hexachlorobenzene	284		9.397					
141 Pentachlorophenol	266		9.557					
146 Phenanthrene	178	9.744	9.750	-0.006	97	1792680	10.0	
147 Anthracene	178	9.787	9.792	-0.005	97	398855	2.24	
149 Carbazole	167	9.910	9.916	-0.006	82	218103	1.26	
151 Di-n-butyl phthalate	149		10.172					
157 Fluoranthene	202	10.750	10.755	-0.005	97	2563507	13.0	
160 Pyrene	202	10.953	10.959	-0.005	96	2024261	9.29	
166 Butyl benzyl phthalate	149		11.536					
173 3,3'-Dichlorobenzidine	252		12.178					9
171 Bis(2-ethylhexyl) phthalate	149		12.194					9
175 Benzo[a]anthracene	228	12.221	12.226	-0.005	99	953483	5.01	
176 Chrysene	228	12.269	12.274	-0.005	87	898418	4.95	
178 Di-n-octyl phthalate	149		13.082					
180 Benzo[b]fluoranthene	252	13.697	13.702	-0.005	95	1257098	6.39	
181 Benzo[k]fluoranthene	252	13.734	13.745	-0.011	1	421973	1.97	M
182 Benzo[a]pyrene	252	14.189	14.194	-0.005	74	859820	4.37	
186 Indeno[1,2,3-cd]pyrene	276	15.895	15.906	-0.011	94	504057	2.37	
187 Dibenz(a,h)anthracene	278	15.917	15.933	-0.016	55	114972	0.7696	
188 Benzo[g,h,i]perylene	276	16.329	16.334	-0.005	90	448318	2.54	

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

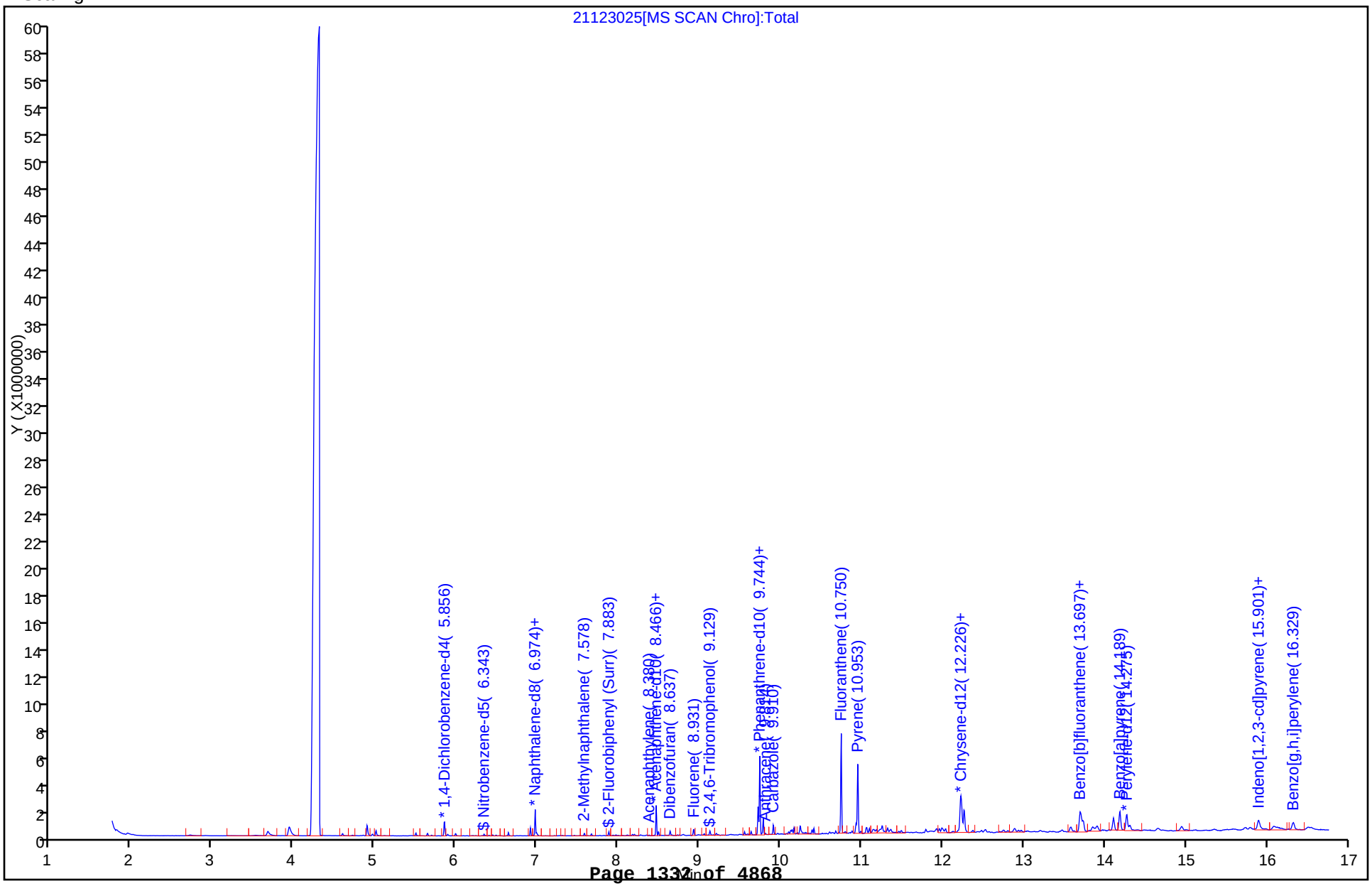
Review Flags
M - Manually Integrated

Report Date: 26-Nov-2012 11:33:22 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123025.D		
Injection Date:	23-Nov-2012 14:12:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0004M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66051	Lims Sample ID:	25
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



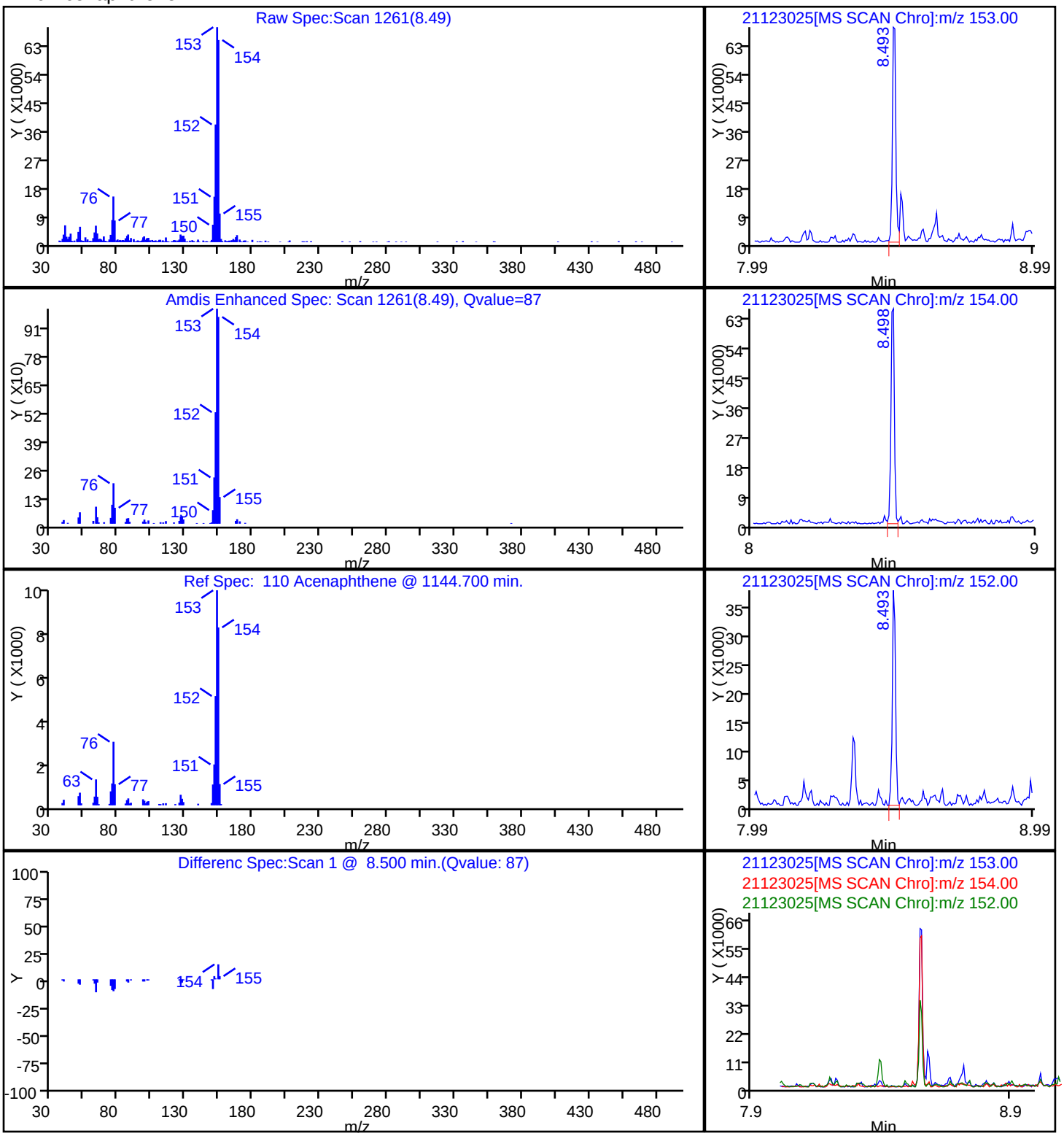
Report Date: 26-Nov-2012 11:33:22 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123025.D

Injection Date:	23-Nov-2012 14:12:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0004M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66051	Lims Sample ID:	25
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

110 Acenaphthene



Report Date: 26-Nov-2012 11:33:22 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

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Lims Batch ID:	66051	Lims Sample ID:	25
Operator ID:	001710	Injection Vol:	1.0 ul
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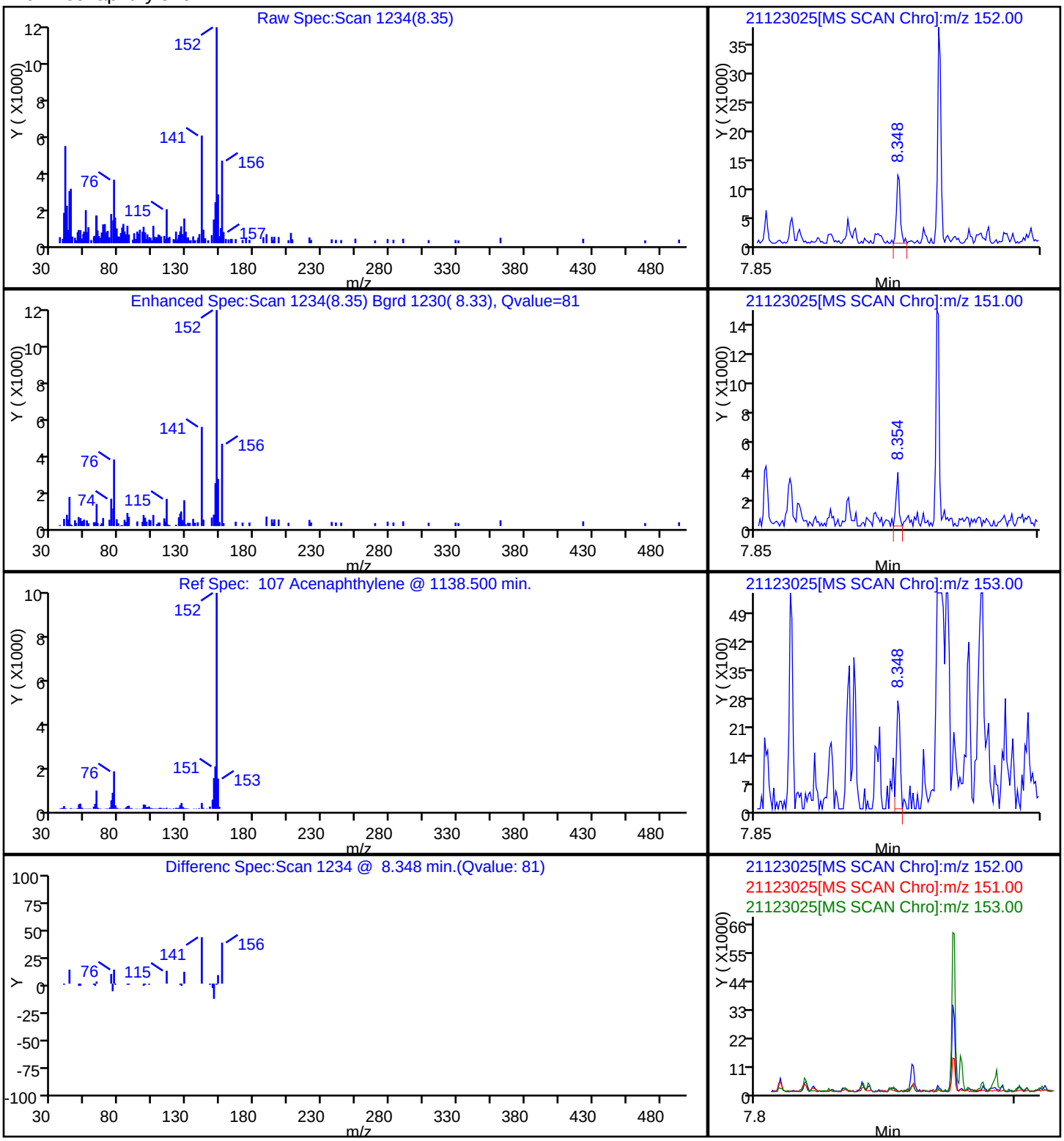
107 Acenaphthylene



Report Date: 26-Nov-2012 11:33:22 Chrom Revision: 2.0 15-Nov-2012 14:43:54

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Operator ID:	001710	Injection Vol:	1.0 ul
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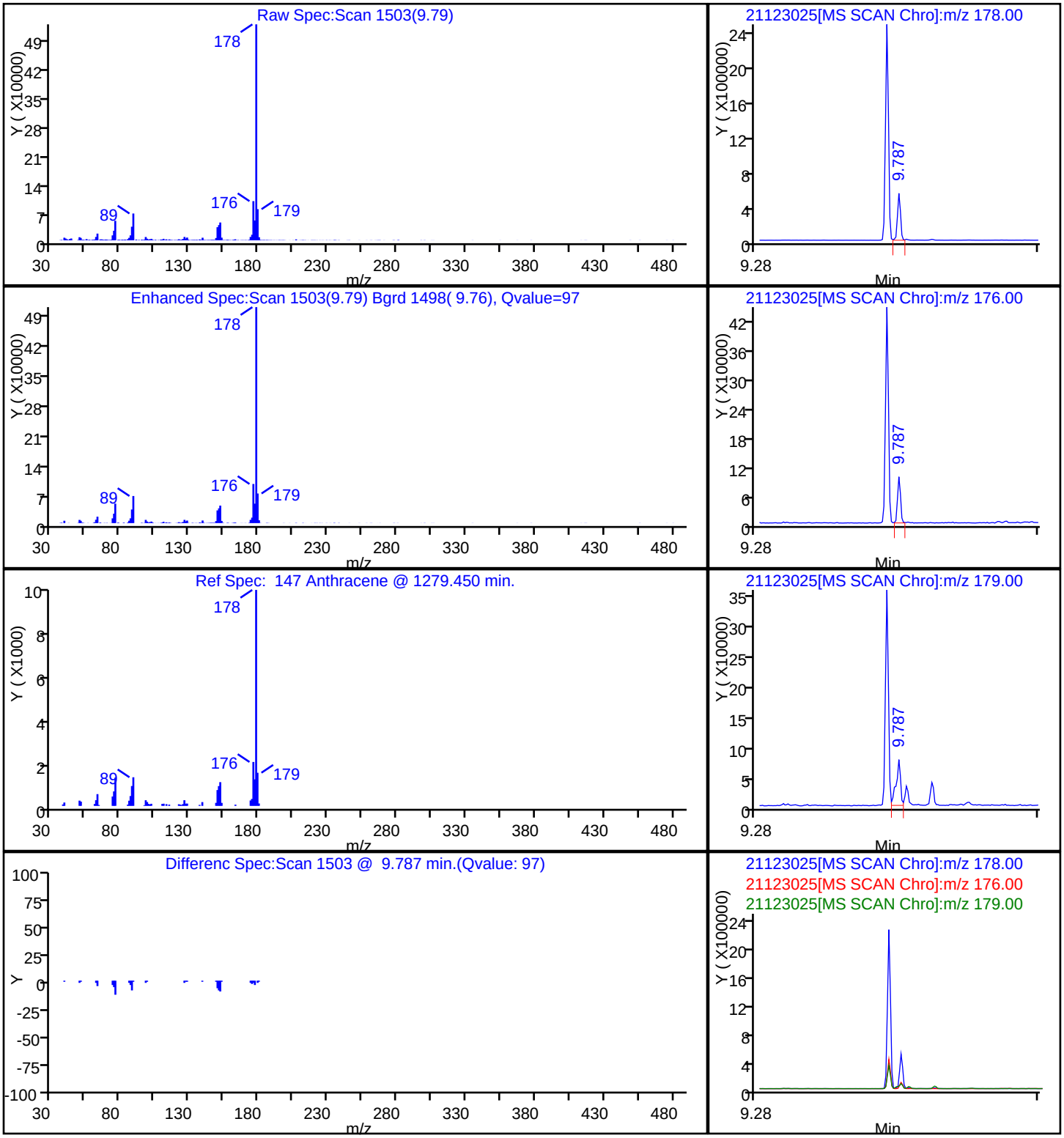
147 Anthracene



Report Date: 26-Nov-2012 11:33:22 Chrom Revision: 2.0 15-Nov-2012 14:43:54

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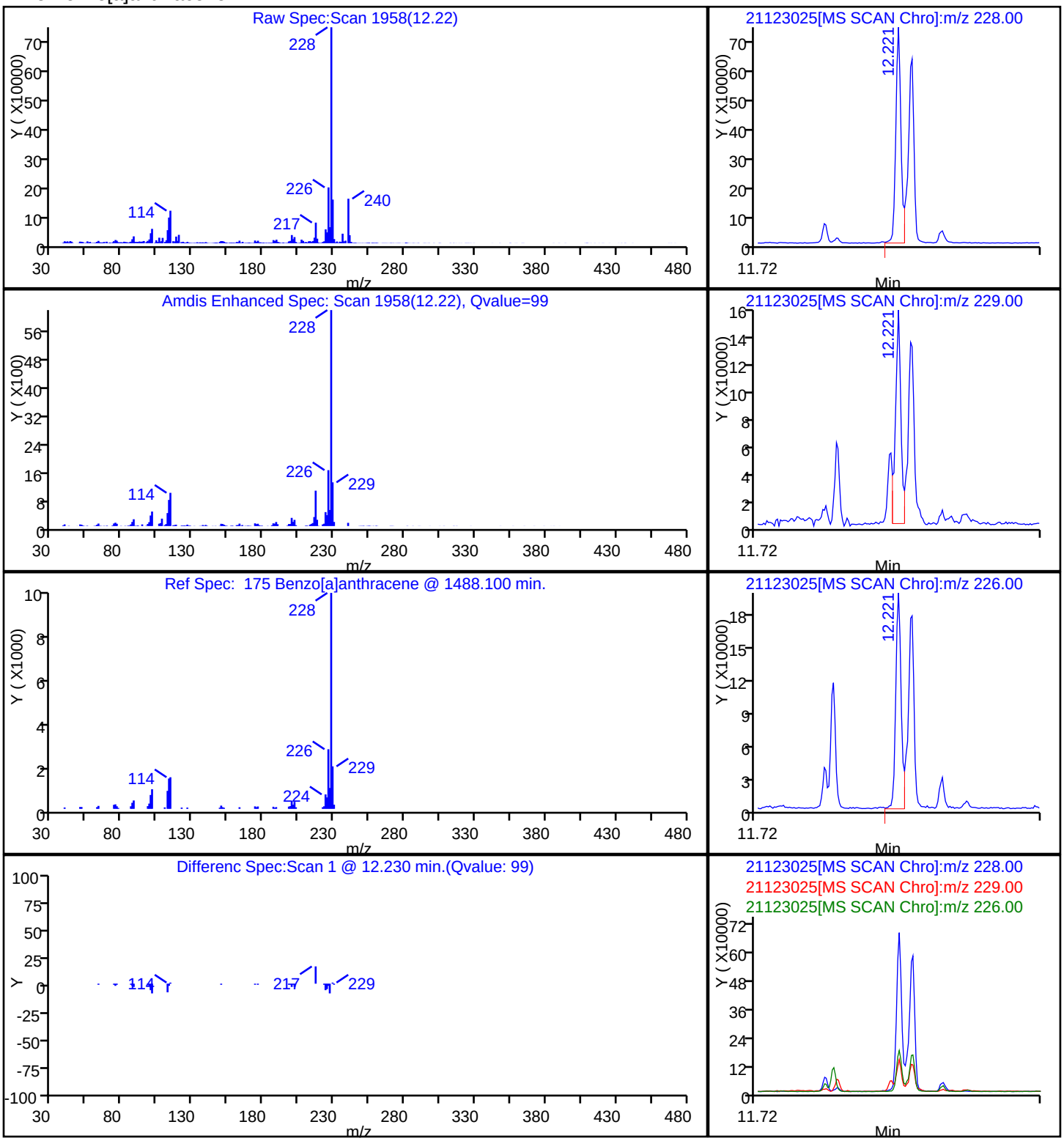
Client ID:	076SS-0004M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66051	Lims Sample ID:	25
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

175 Benzo[a]anthracene



Report Date: 26-Nov-2012 11:33:22 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

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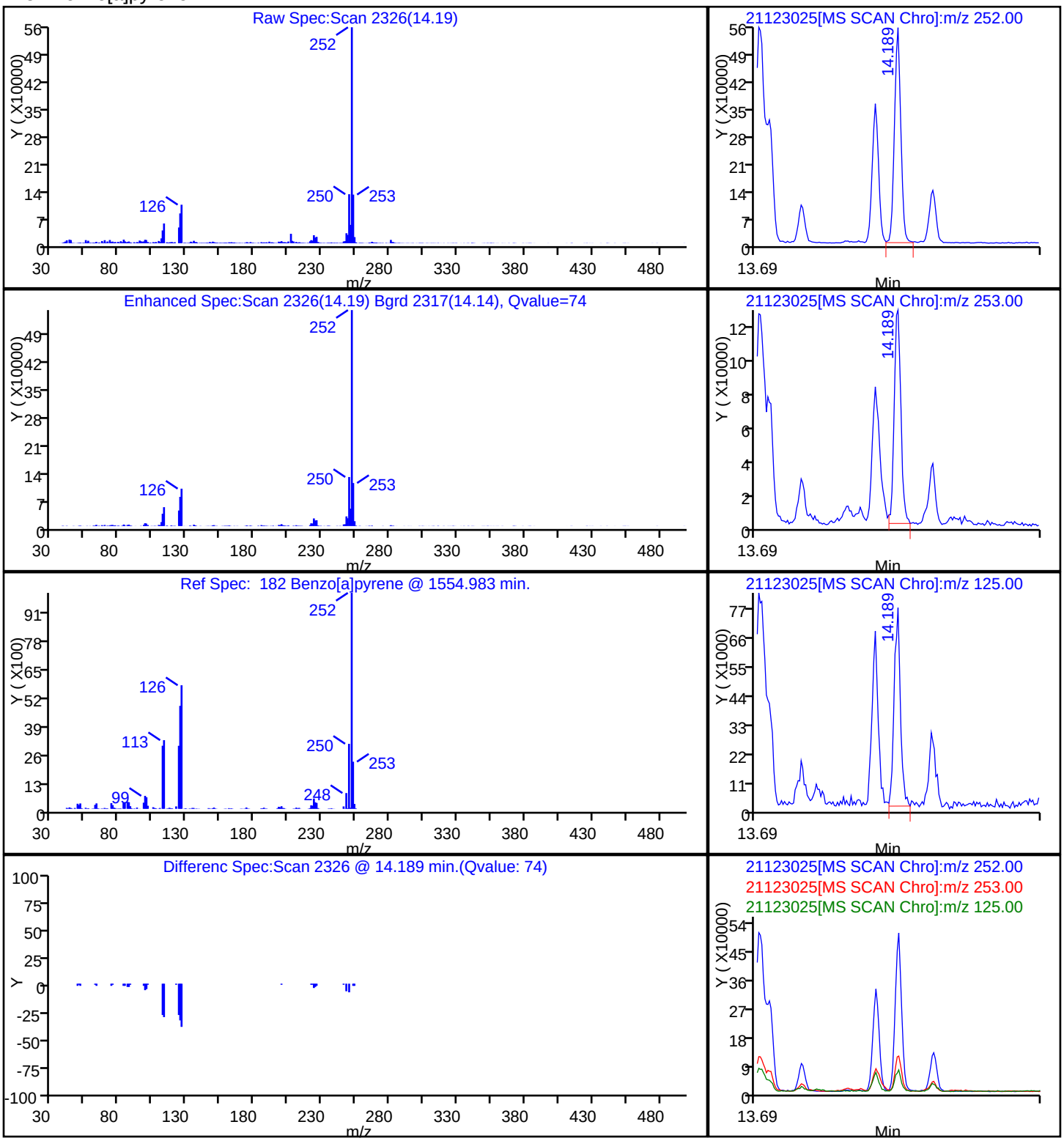
Client ID:	076SS-0004M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66051	Lims Sample ID:	25
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

182 Benzo[a]pyrene



Report Date: 26-Nov-2012 11:33:22 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

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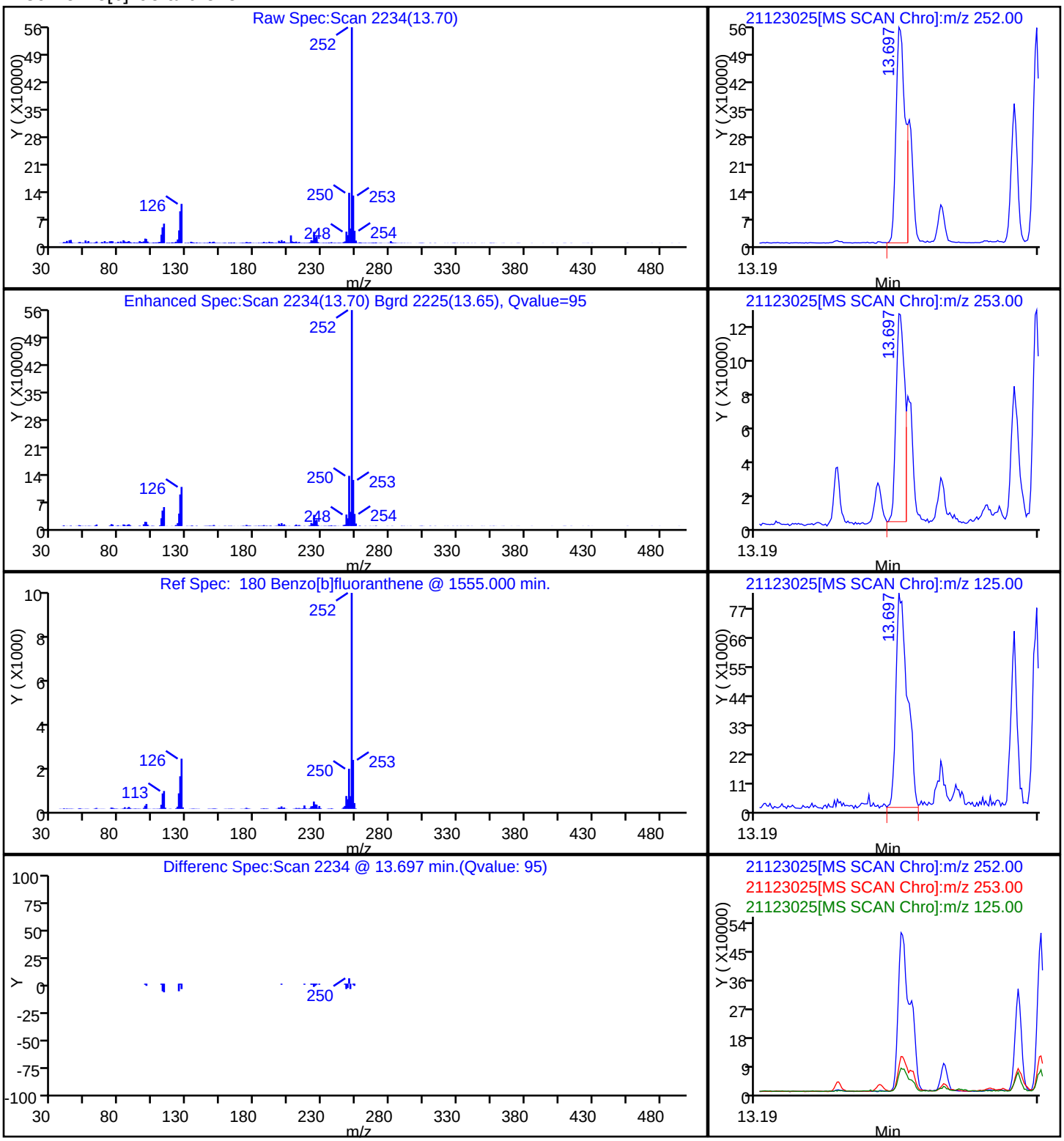
Lims Batch ID:	66051	Lims Sample ID:	25
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

180 Benzo[b]fluoranthene



Report Date: 26-Nov-2012 11:33:22 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

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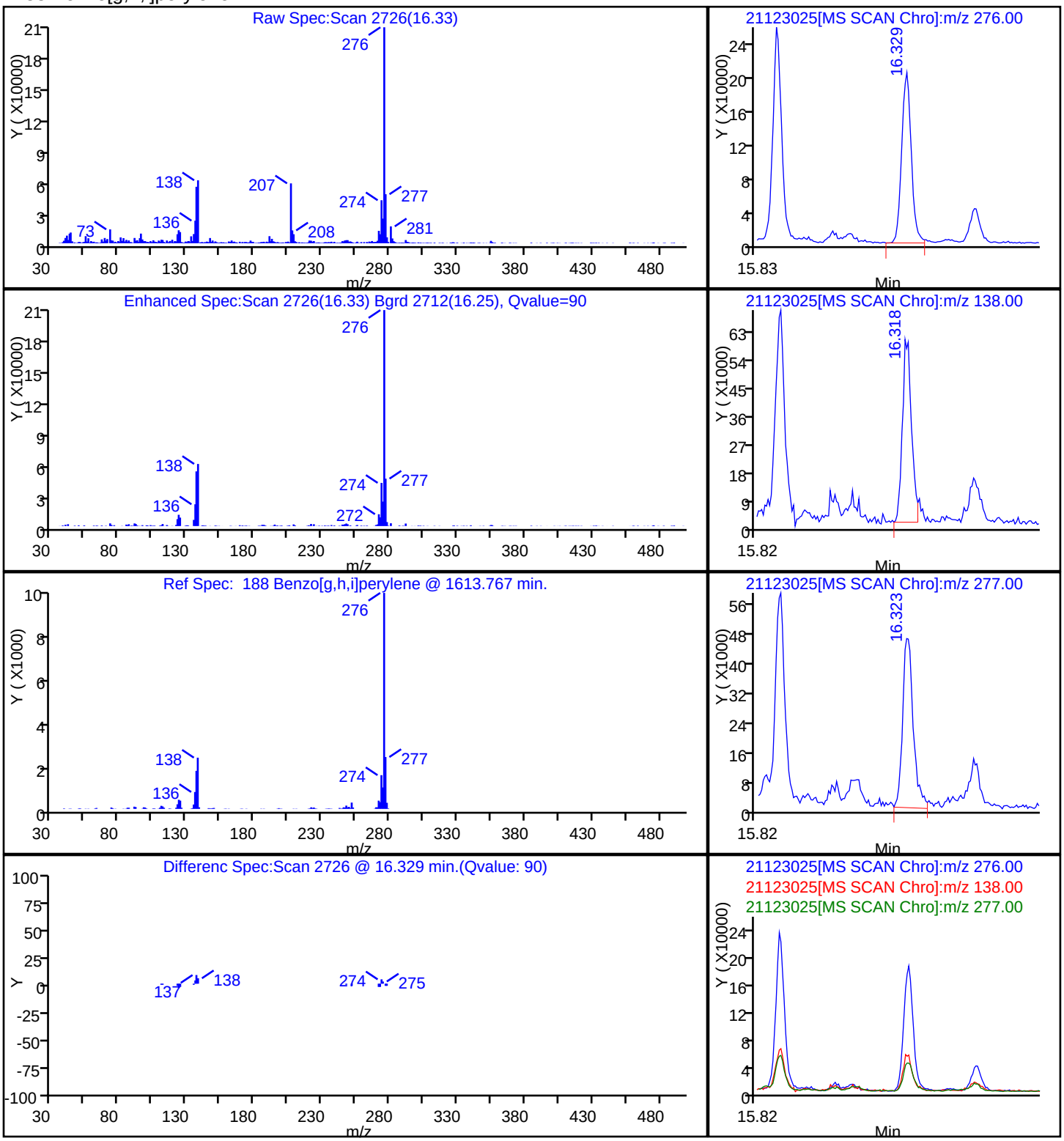
Client ID:	076SS-0004M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66051	Lims Sample ID:	25
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

188 Benzo[g,h,i]perylene



Report Date: 26-Nov-2012 11:33:22 Chrom Revision: 2.0 15-Nov-2012 14:43:54

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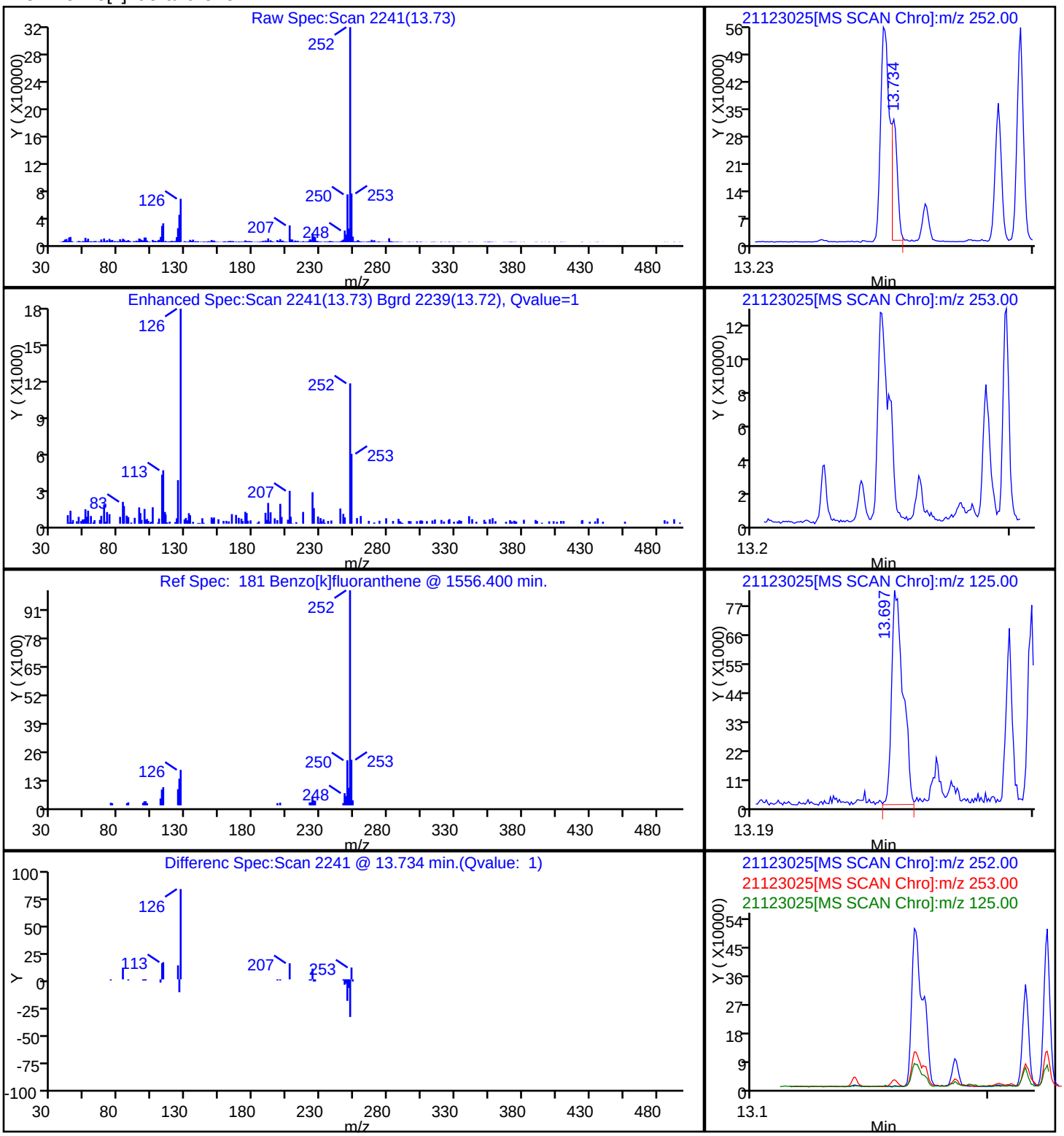
Lims Batch ID:	66051	Lims Sample ID:	25
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

181 Benzo[k]fluoranthene



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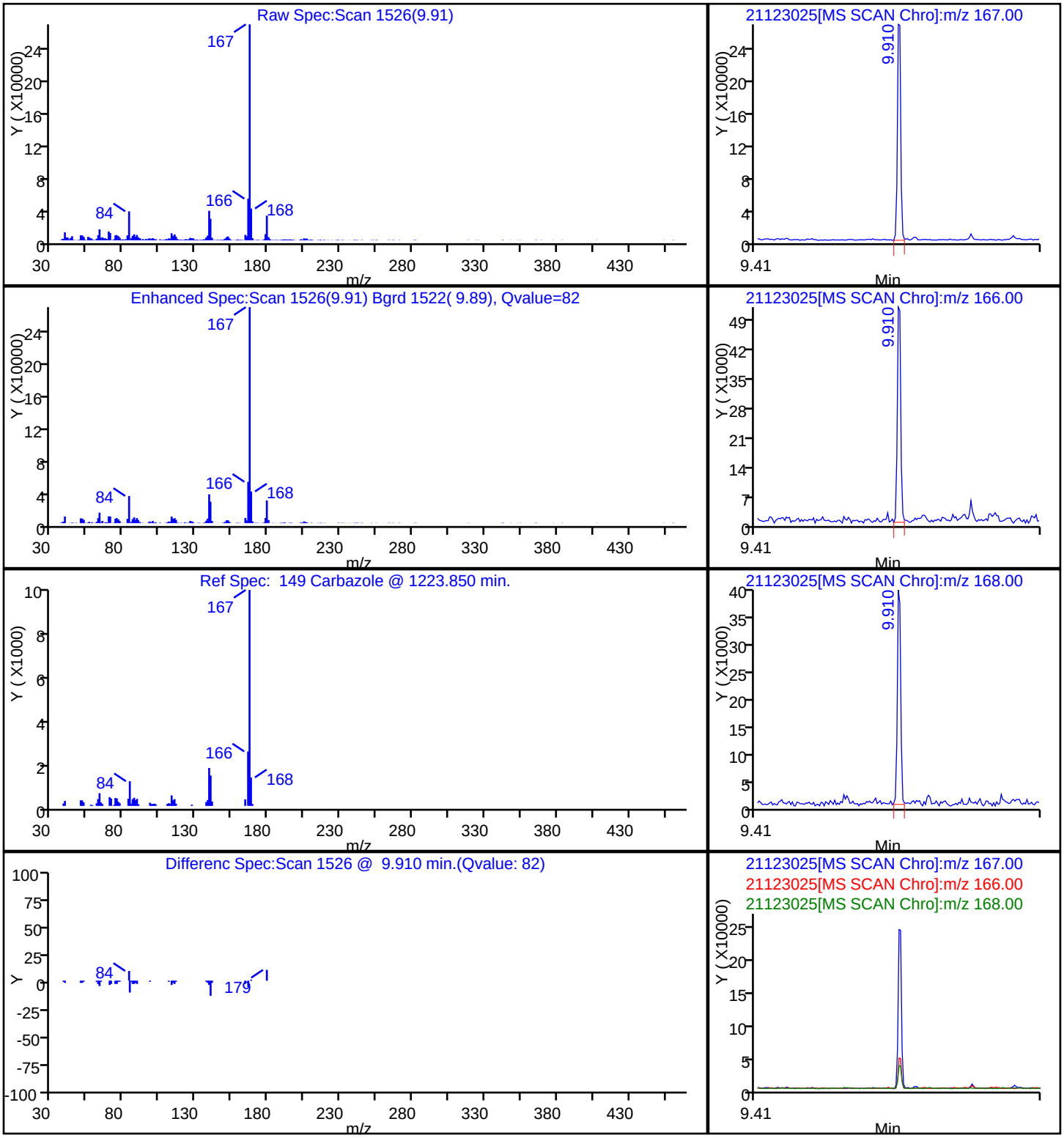
149 Carbazole



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TestAmerica Canton

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Operator ID:	001710	Injection Vol:	1.0 ul
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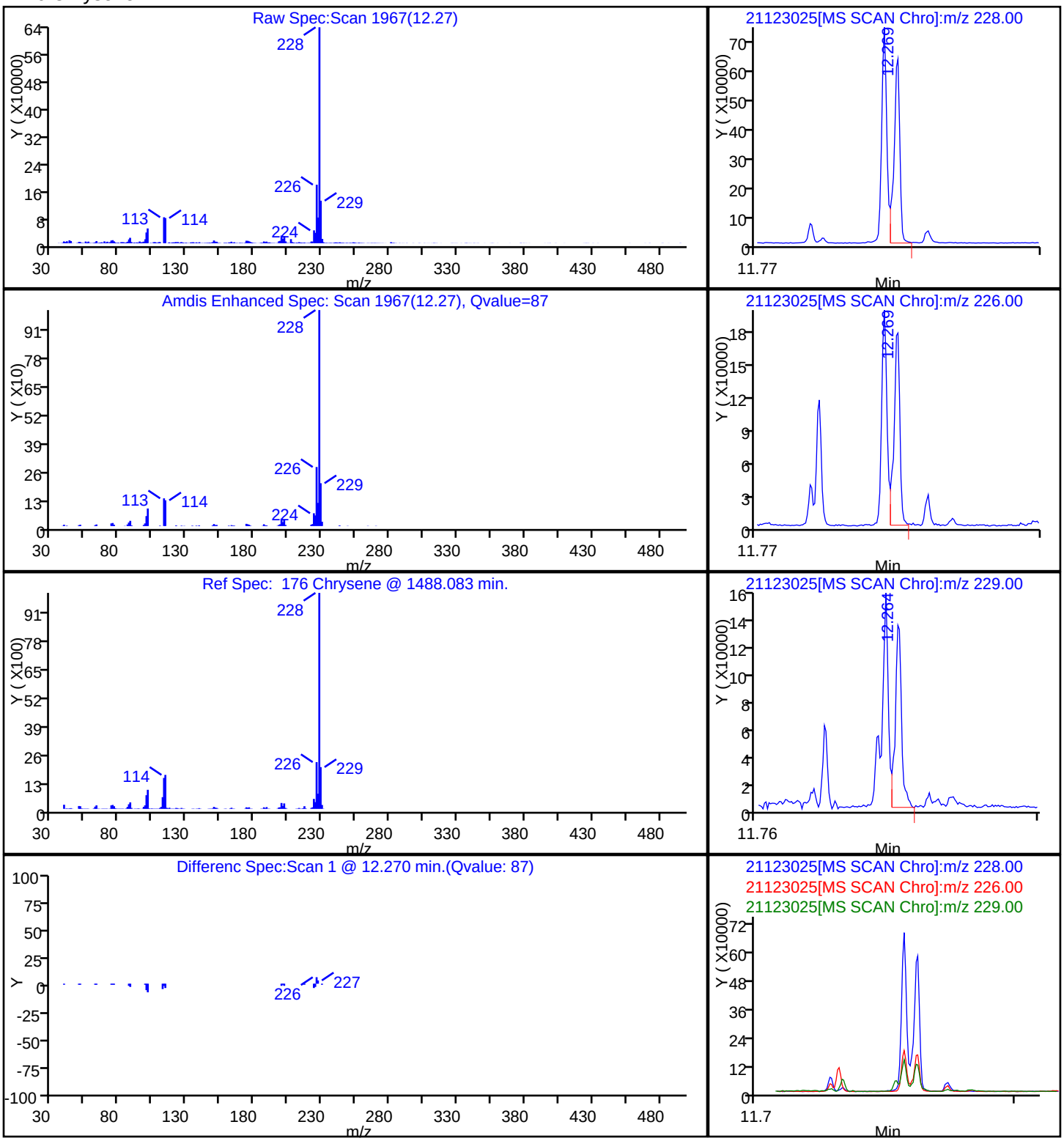
176 Chrysene



Report Date: 26-Nov-2012 11:33:22 Chrom Revision: 2.0 15-Nov-2012 14:43:54

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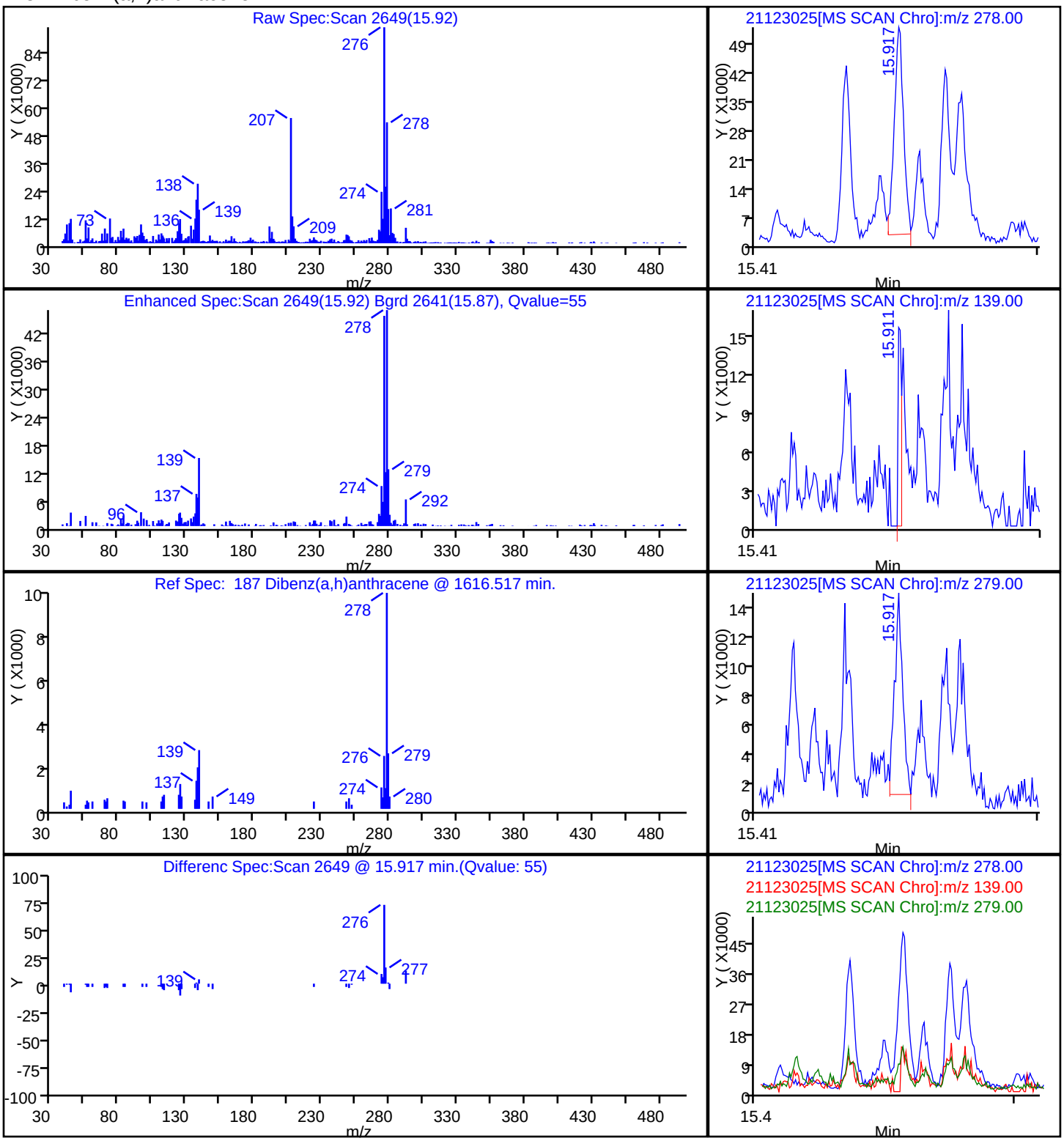
Lims Batch ID:	66051	Lims Sample ID:	25
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

187 Dibenz(a,h)anthracene



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TestAmerica Canton

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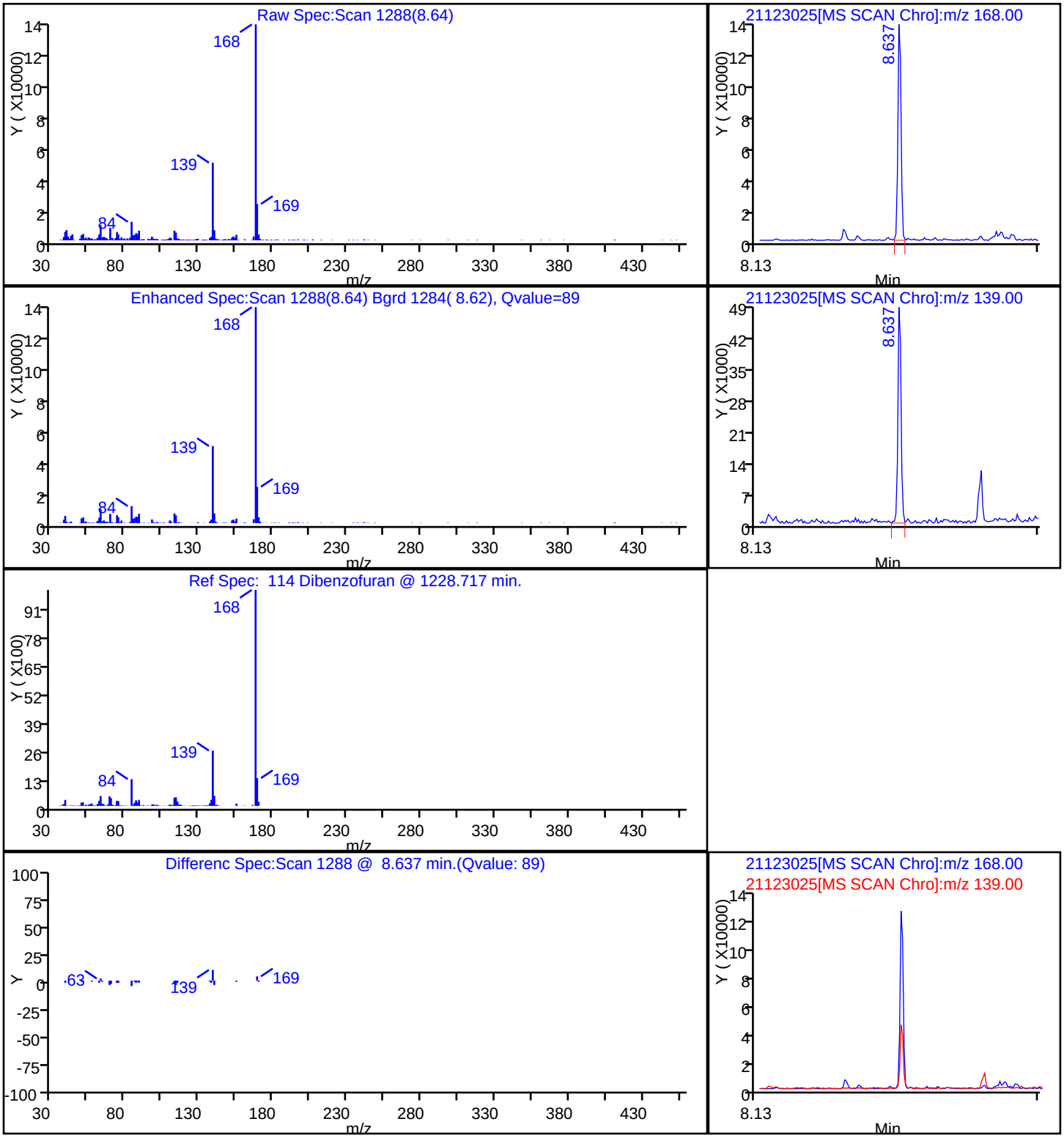
Lims Batch ID:	66051	Lims Sample ID:	25
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

114 Dibenzofuran



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TestAmerica Canton

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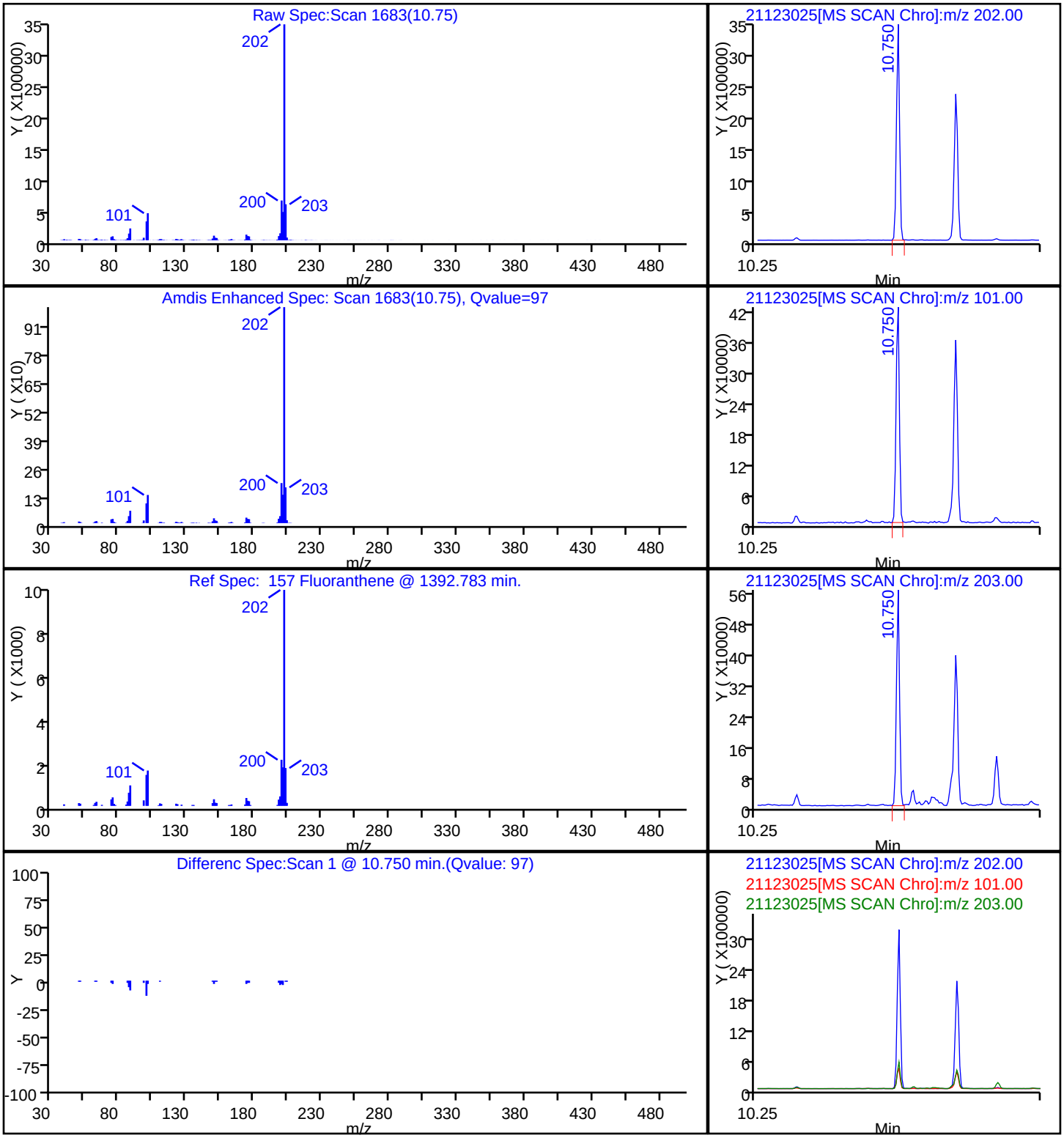
Lims Batch ID:	66051	Lims Sample ID:	25
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

157 Fluoranthene



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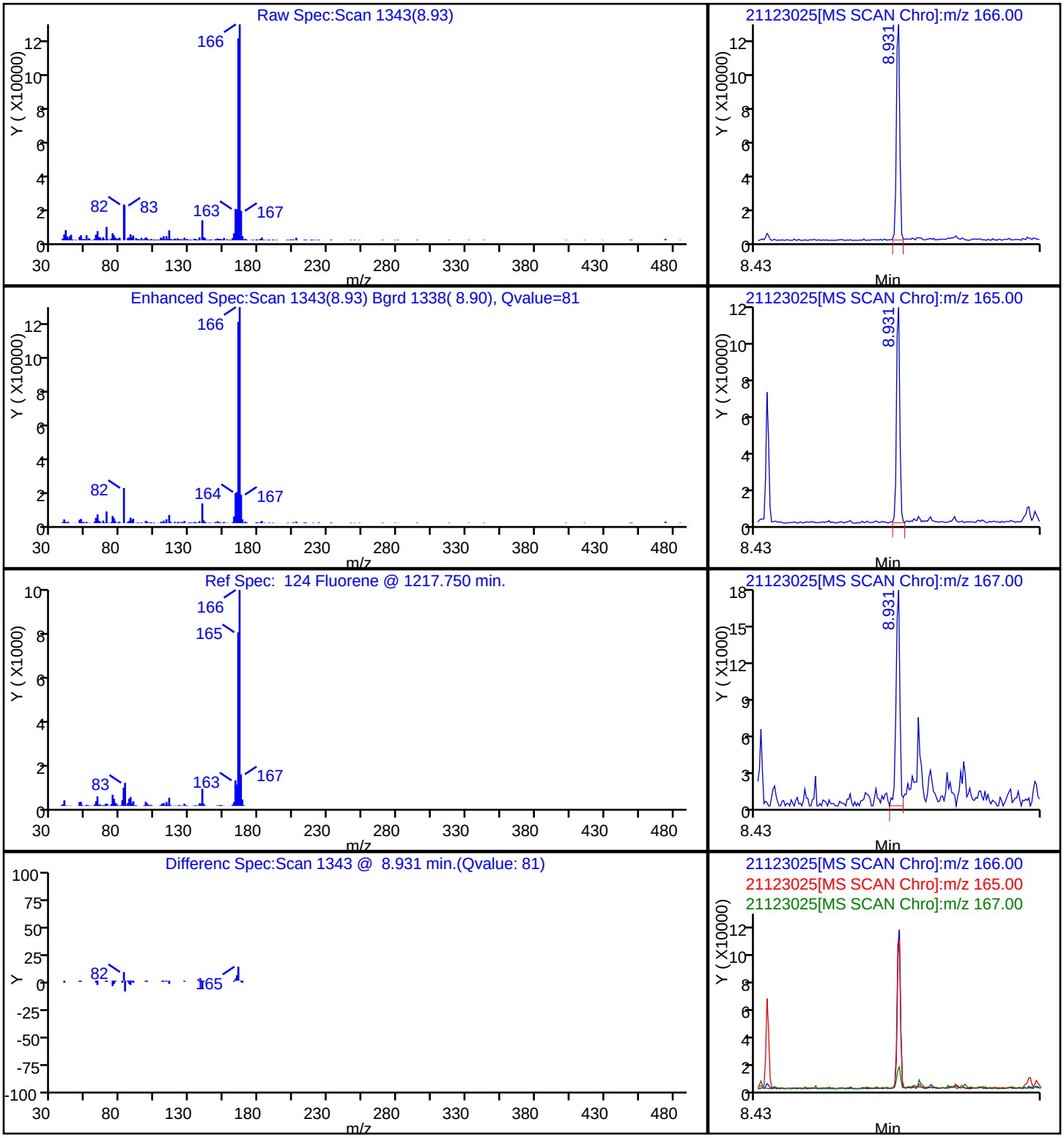
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

124 Fluorene



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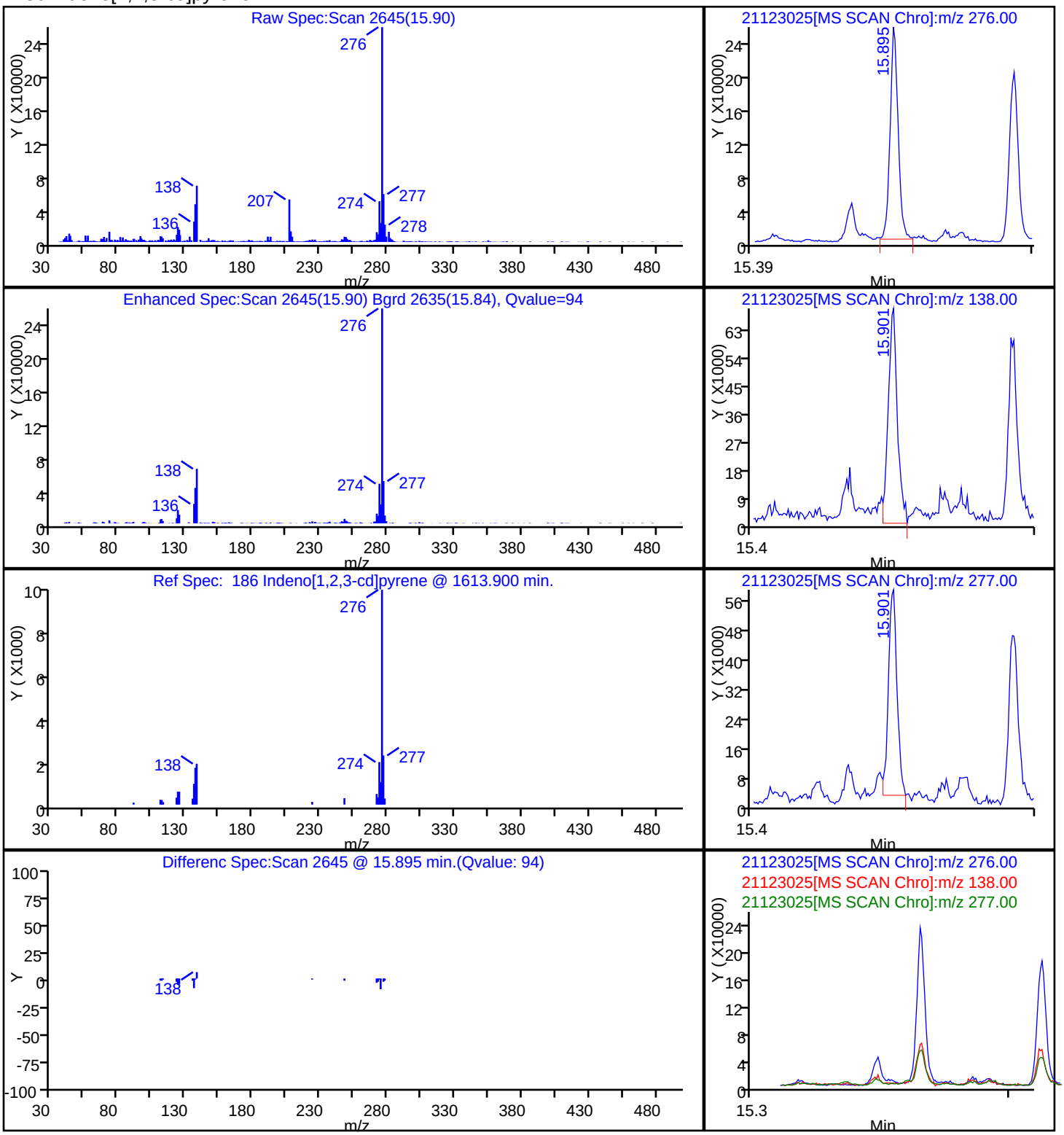
Lims Batch ID:	66051	Lims Sample ID:	25
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

186 Indeno[1,2,3-cd]pyrene



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Lims Batch ID:	66051	Lims Sample ID:	25
Operator ID:	001710	Injection Vol:	1.0 ul
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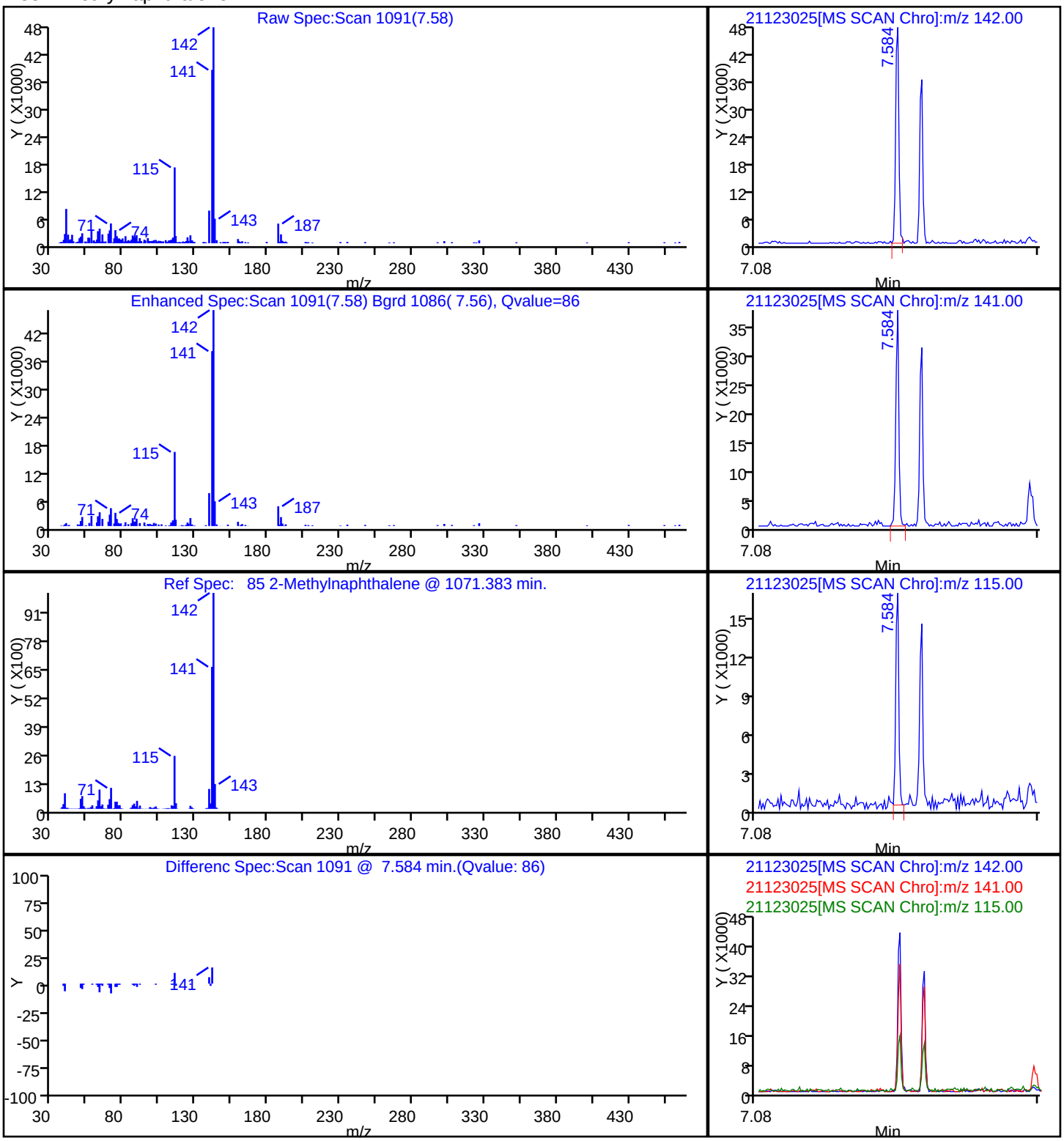
85 2-Methylnaphthalene



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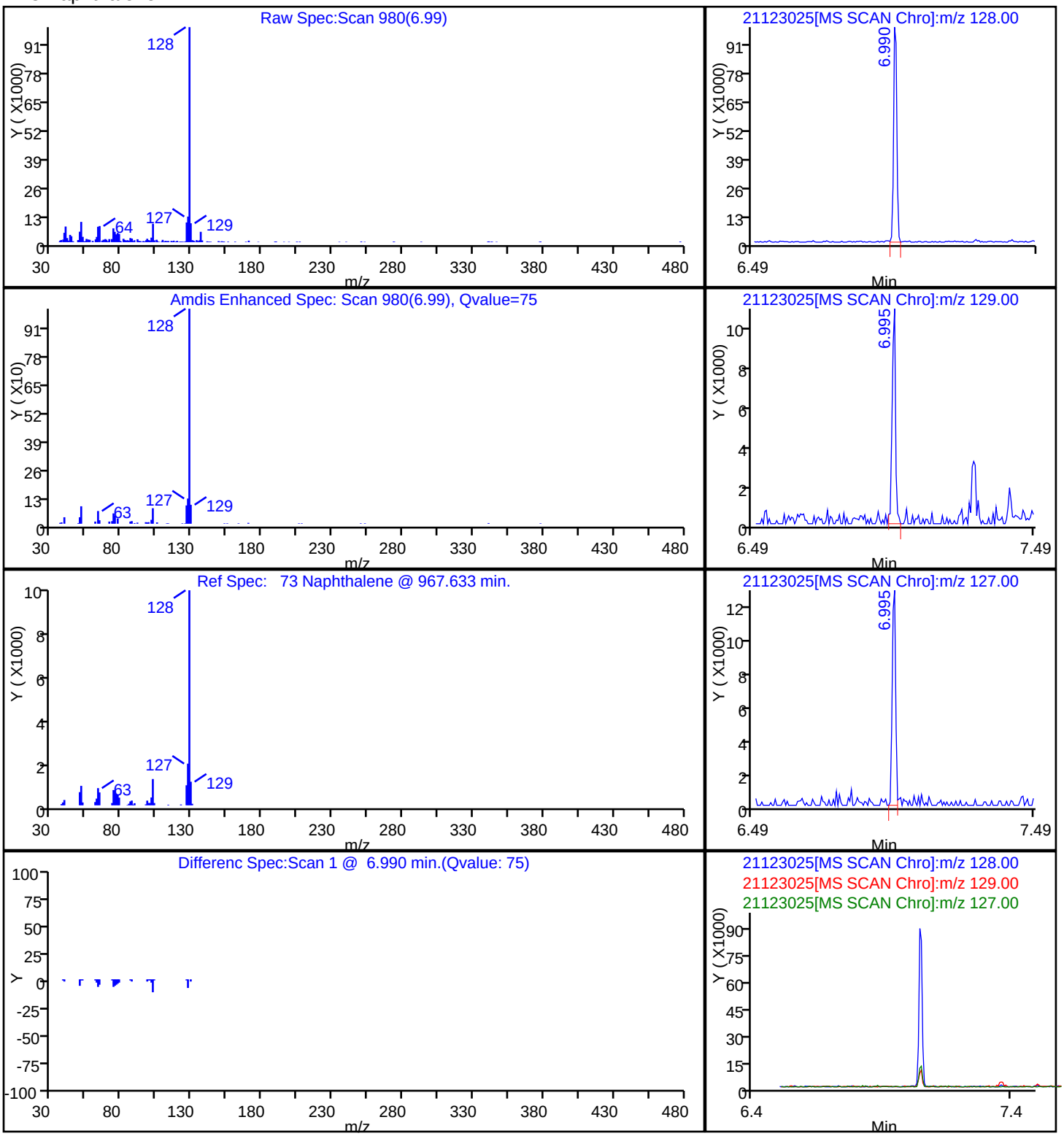
73 Naphthalene



Report Date: 26-Nov-2012 11:33:22 Chrom Revision: 2.0 15-Nov-2012 14:43:54

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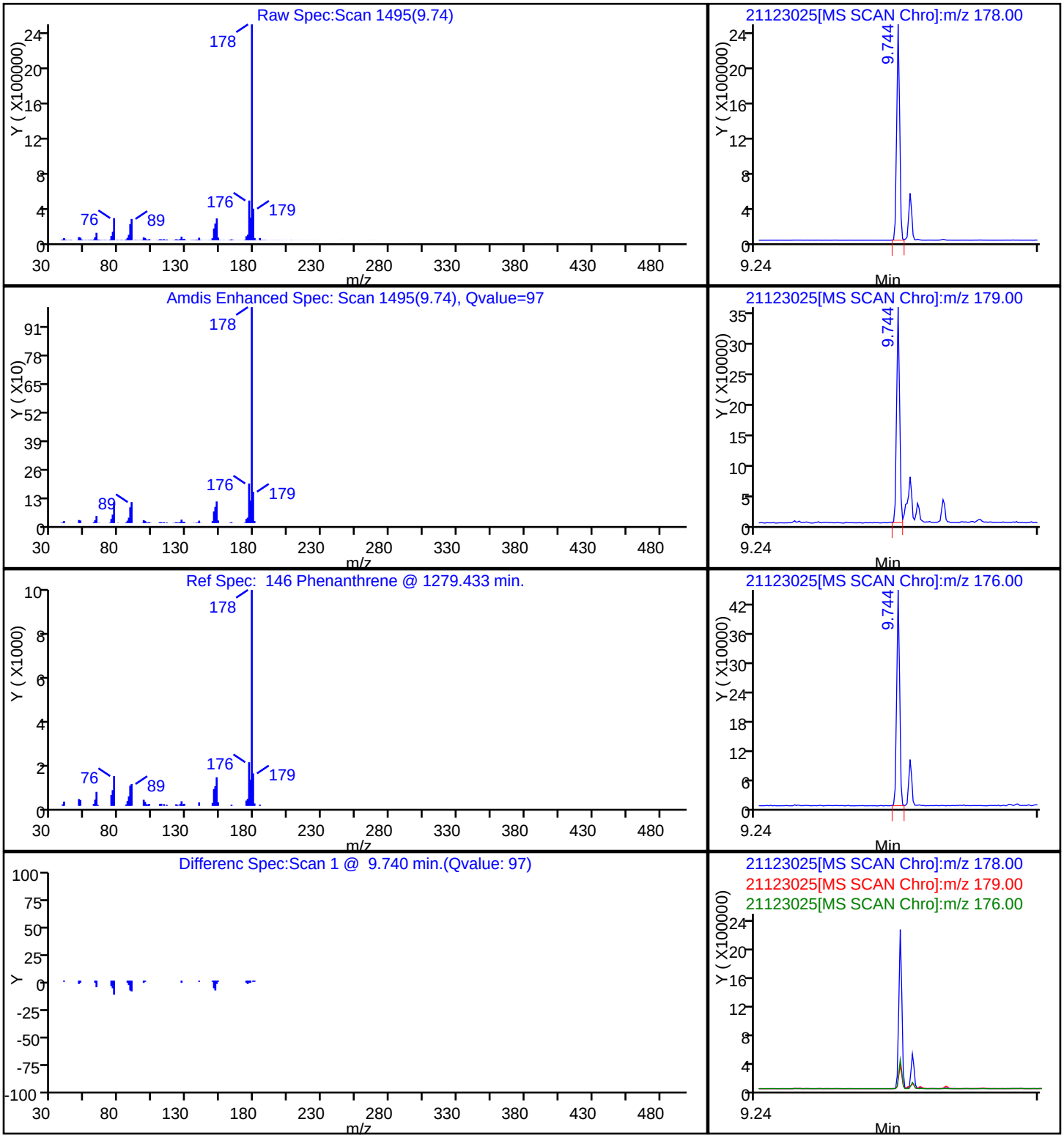
Column Type:	5% phenyl	Column Dia:	0.18 mm

146 Phenanthrene

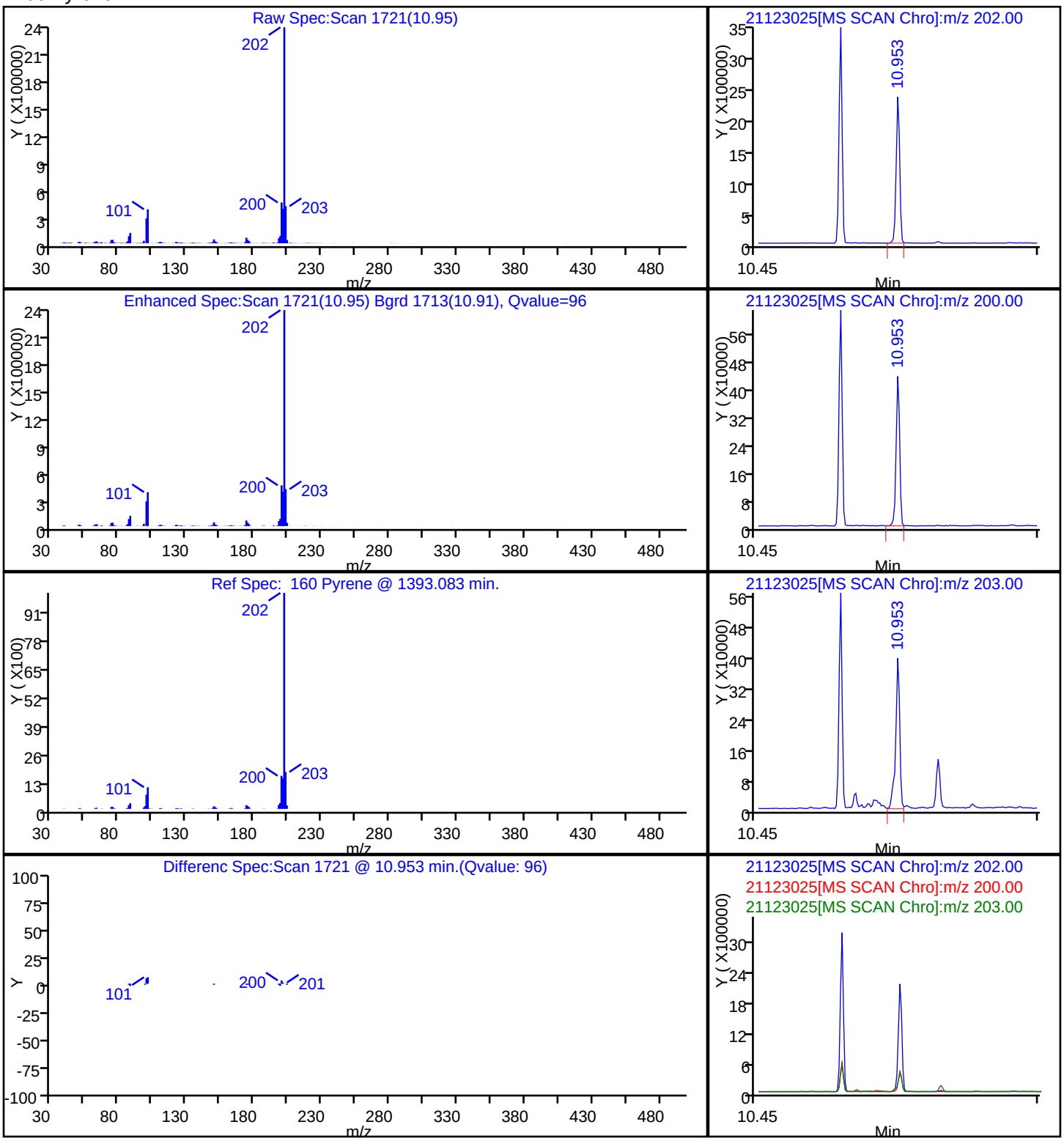


Report Date: 26-Nov-2012 11:33:22 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123025.D		
Injection Date:	23-Nov-2012 14:12:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0004M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66051	Lims Sample ID:	25
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

160 Pyrene



Manual Integration/User Assign Peak Report

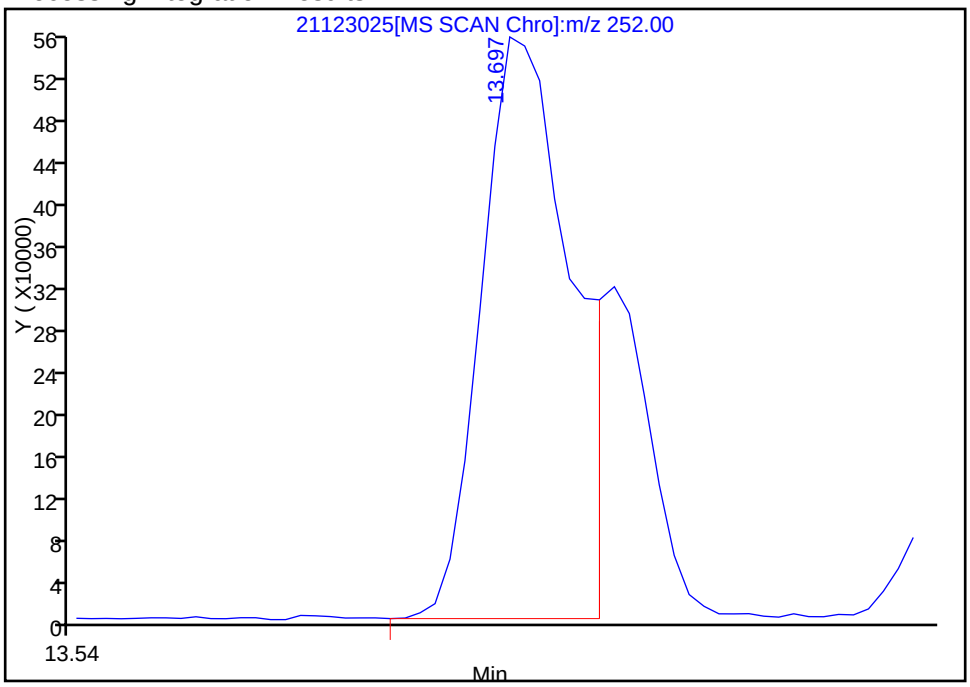
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123025.D		
Injection Date:	23-Nov-2012 14:12:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0004M-0001-SO	Instrument ID:	A4HP7
Lims Batch ID:	66051	Lims Sample ID:	25
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

181 Benzo[k]fluoranthene, Signal: 1, m/z: 252.0 Type: quant, RT: 13.75

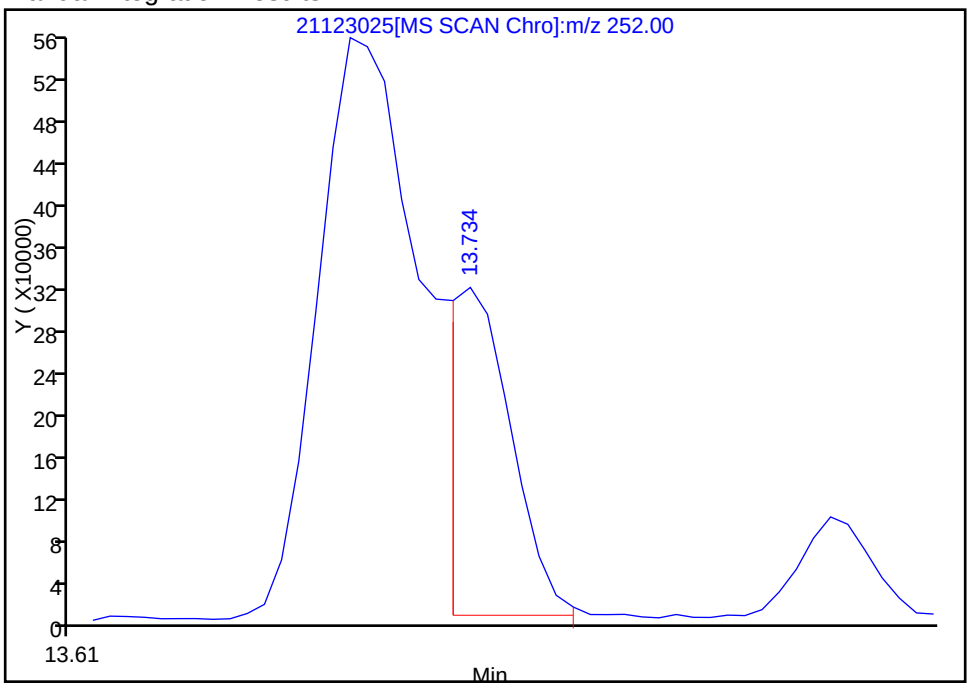
Processing Integration Results

RT: 13.70
Response: 1257098
Amount: 5.877925



Manual Integration Results

RT: 13.73
Response: 421973
Amount: 1.973057



Reviewer: gruberj, 26-Nov-2012 11:28:39
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: 076SS-0003M-0001-SO | Lab Sample ID: 240-17317-10

Matrix: Solid | Lab File ID: 21129012.D

Analysis Method: 8270C/DoD | Date Collected: 11/06/2012 09:20

Extract. Method: 3540C | Date Extracted: 11/16/2012 13:26

Sample wt/vol: 29.75(g) | Date Analyzed: 11/29/2012 12:30

Con. Extract Vol.: 2(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66702 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	480	D	67	33	33
208-96-8	Acenaphthylene	33	U	67	33	33
120-12-7	Anthracene	1800	D	67	33	33
56-55-3	Benzo[a]anthracene	2800	D	67	33	33
50-32-8	Benzo[a]pyrene	2300	D	67	33	33
205-99-2	Benzo[b]fluoranthene	3000	D	67	33	33
191-24-2	Benzo[g,h,i]perylene	1400	D	67	33	33
65-85-0	Benzoic acid	3400	U	6700	3400	3400
207-08-9	Benzo[k]fluoranthene	1200	D M	67	33	33
100-51-6	Benzyl alcohol	270	U	3300	270	210
111-91-1	Bis(2-chloroethoxy)methane	270	U	1000	270	220
111-44-4	Bis(2-chloroethyl)ether	33	U	1000	33	20
108-60-1	bis (2-chloroisopropyl) ether	270	U	1000	270	96
117-81-7	Bis(2-ethylhexyl) phthalate	270	U	500	270	190
101-55-3	4-Bromophenyl phenyl ether	270	U	500	270	130
85-68-7	Butyl benzyl phthalate	270	U	500	270	100
86-74-8	Carbazole	990	D	500	270	270
106-47-8	4-Chloroaniline	270	U	1500	270	170
59-50-7	4-Chloro-3-methylphenol	270	U	1500	270	210
91-58-7	2-Chloronaphthalene	33	U	500	33	33
95-57-8	2-Chlorophenol	270	U	500	270	270
7005-72-3	4-Chlorophenyl phenyl ether	270	U	500	270	130
218-01-9	Chrysene	2800	D	67	33	11
53-70-3	Dibenz(a,h)anthracene	330	D	67	33	33
132-64-9	Dibenzofuran	760	D	500	33	33
106-46-7	1,4-Dichlorobenzene	270	U	500	270	200
95-50-1	1,2-Dichlorobenzene	270	U	500	270	98
541-73-1	1,3-Dichlorobenzene	270	U	500	270	110
91-94-1	3,3'-Dichlorobenzidine	810	U	1000	810	180
120-83-2	2,4-Dichlorophenol	270	U	1500	270	200
84-66-2	Diethyl phthalate	270	U	500	270	160
105-67-9	2,4-Dimethylphenol	810	U	1500	810	200
131-11-3	Dimethyl phthalate	270	U	500	270	170
84-74-2	Di-n-butyl phthalate	270	U	500	270	150

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: 076SS-0003M-0001-SO | Lab Sample ID: 240-17317-10

Matrix: Solid | Lab File ID: 21129012.D

Analysis Method: 8270C/DoD | Date Collected: 11/06/2012 09:20

Extract. Method: 3540C | Date Extracted: 11/16/2012 13:26

Sample wt/vol: 29.75(g) | Date Analyzed: 11/29/2012 12:30

Con. Extract Vol.: 2(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66702 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	810	U	1500	810	810
51-28-5	2,4-Dinitrophenol	810	U	3300	810	810
121-14-2	2,4-Dinitrotoluene	270	U	2000	270	270
606-20-2	2,6-Dinitrotoluene	270	U	2000	270	210
117-84-0	Di-n-octyl phthalate	270	U	500	270	270
206-44-0	Fluoranthene	7900	D	67	33	33
86-73-7	Fluorene	810	D	67	33	33
118-74-1	Hexachlorobenzene	33	U	67	33	21
87-68-3	Hexachlorobutadiene	270	U	500	270	270
77-47-4	Hexachlorocyclopentadiene	270	U	3300	270	270
67-72-1	Hexachloroethane	270	U	500	270	91
193-39-5	Indeno[1,2,3-cd]pyrene	1200	D	67	33	33
78-59-1	Isophorone	270	U	500	270	130
91-57-6	2-Methylnaphthalene	220	D	67	33	33
95-48-7	2-Methylphenol	810	U	2000	810	810
15831-10-4	3 & 4 Methylphenol	810	U	4000	810	200
91-20-3	Naphthalene	630	D	67	33	33
88-74-4	2-Nitroaniline	270	U	2000	270	92
99-09-2	3-Nitroaniline	810	U	2000	810	160
100-01-6	4-Nitroaniline	270	U	2000	270	260
98-95-3	Nitrobenzene	33	U	1000	33	22
88-75-5	2-Nitrophenol	270	U	500	270	270
100-02-7	4-Nitrophenol	810	U	3300	810	810
621-64-7	N-Nitrosodi-n-propylamine	270	U	500	270	270
86-30-6	N-Nitrosodiphenylamine	270	U	500	270	210
87-86-5	Pentachlorophenol	810	U	1500	810	810
85-01-8	Phenanthrene	8000	D	67	33	33
108-95-2	Phenol	270	U	500	270	270
129-00-0	Pyrene	5700	D	67	33	33
120-82-1	1,2,4-Trichlorobenzene	270	U	500	270	270
95-95-4	2,4,5-Trichlorophenol	270	U	1500	270	250
88-06-2	2,4,6-Trichlorophenol	810	U	1500	810	810

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: 076SS-0003M-0001-SO | Lab Sample ID: 240-17317-10

Matrix: Solid | Lab File ID: 21129012.D

Analysis Method: 8270C/DoD | Date Collected: 11/06/2012 09:20

Extract. Method: 3540C | Date Extracted: 11/16/2012 13:26

Sample wt/vol: 29.75(g) | Date Analyzed: 11/29/2012 12:30

Con. Extract Vol.: 2(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66702 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	62		45-105
367-12-4	2-Fluorophenol (Surr)	59		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	61		35-100
1718-51-0	Terphenyl-d14 (Surr)	68		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	63		35-125
4165-62-2	Phenol-d5 (Surr)	66		40-100

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129012.D		
Lims ID:	240-17317-A-10-D	Client ID:	076SS-0003M-0001-SO
Inject. Date:	29-Nov-2012 12:30:30	Dil. Factor:	10.0000
Sample Type:	Client		
Sample ID:	240-0015370-012		
Misc. Info.:	240-17317-A-10-D =240-17317-A-10-D		
Operator:	001574	Instrument ID:	A4HP9
Injection Vol:	1.0 ul	ALS Bottle#:	12
Lims Batch ID:	66702	Lims Sample ID:	12
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP9\20121129-15370.b\8270 _9.m		
Last Update:	29-Nov-2012 13:56:01	Calib Date:	28-Nov-2012 18:11:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP9\20121128-15348.b\21127110.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK030		
First Level Reviewer: ulmanm		Date:	29-Nov-2012 13:08:23

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.905	5.907	-0.002	94	67158	4.00	
* 2 Naphthalene-d8	136	7.011	7.013	-0.002	98	272033	4.00	
* 3 Acenaphthene-d10	164	8.501	8.503	-0.002	73	171836	4.00	
* 4 Phenanthrene-d10	188	9.762	9.764	-0.002	97	286214	4.00	
* 5 Chrysene-d12	240	12.305	12.307	-0.002	79	274777	4.00	
* 6 Perylene-d12	264	14.372	14.374	-0.002	92	247541	4.00	
$ 7 2-Fluorophenol	112	4.671	4.662	0.009	71	23810	0.8812	
$ 8 Phenol-d5	99	5.547	5.544	0.003	0	36940	0.9855	
$ 9 Nitrobenzene-d5	82	6.386	6.388	-0.002	72	23405	0.6116	
$ 10 2-Fluorobiphenyl (Surr)	172	7.919	7.921	-0.002	88	32510	0.6227	
$ 11 2,4,6-Tribromophenol	330	9.169	9.171	-0.002	54	5872	0.9489	
$ 12 Terphenyl-d14	244	11.119	11.121	-0.002	88	37162	0.6818	
43 Phenol	94		5.560					
69 Bis(2-chloroethyl)ether	93		5.656					
46 2-Chlorophenol	128		5.709					
47 1,3-Dichlorobenzene	146		5.853					
48 1,4-Dichlorobenzene	146		5.918					
49 Benzyl alcohol	108		6.014					
50 1,2-Dichlorobenzene	146		6.056					
51 2-Methylphenol	108		6.099					
53 2,2'-oxybis[1-chloropropane]	45		6.137					
21 3 & 4 Methylphenol	108		6.233					
57 N-Nitrosodi-n-propylamine	70		6.243					
61 Hexachloroethane	117		6.356					
62 Nitrobenzene	77		6.404					9
64 Isophorone	82		6.607					9
66 2-Nitrophenol	139		6.676					
65 2,4-Dimethylphenol	107		6.697					
71 Benzoic acid	122		6.756					
70 Bis(2-chloroethoxy)methane	93		6.783					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
73 2,4-Dichlorophenol	162		6.879					
74 1,2,4-Trichlorobenzene	180		6.959					
75 Naphthalene	128	7.032	7.034	-0.002	94	64691	0.9446	
76 4-Chloroaniline	127		7.066					9
79 Hexachlorobutadiene	225		7.130					
86 4-Chloro-3-methylphenol	107		7.456					
87 2-Methylnaphthalene	142	7.620	7.622	-0.002	75	15134	0.3332	
89 Hexachlorocyclopentadiene	237		7.750					
92 2,4,6-Trichlorophenol	196		7.846					
93 2,4,5-Trichlorophenol	196		7.878					
100 2-Chloronaphthalene	162		8.033					
102 2-Nitroaniline	65		8.108					
105 Dimethyl phthalate	163		8.247					
107 2,6-Dinitrotoluene	165		8.305					
109 Acenaphthylene	152		8.391					9
110 3-Nitroaniline	138		8.450					
111 2,4-Dinitrophenol	184		8.535					
112 Acenaphthene	153	8.533	8.535	-0.002	93	32388	0.7151	
113 4-Nitrophenol	109		8.567					9
114 2,4-Dinitrotoluene	165		8.647					
116 Dibenzofuran	168	8.677	8.679	-0.002	82	72668	1.13	
121 Diethyl phthalate	149		8.840					9
123 4-Chlorophenyl phenyl ether	204		8.957					
125 4-Nitroaniline	138		8.968					9
126 Fluorene	166	8.966	8.968	-0.002	85	65856	1.21	
128 4,6-Dinitro-2-methylphenol	198		8.989					
131 N-Nitrosodiphenylamine	169		9.048					9
139 4-Bromophenyl phenyl ether	248		9.374					
141 Hexachlorobenzene	284		9.433					
143 Pentachlorophenol	266		9.593					
148 Phenanthrene	178	9.783	9.785	-0.002	83	954234	11.9	
149 Anthracene	178	9.826	9.828	-0.002	82	212716	2.71	
151 Carbazole	167	9.949	9.951	-0.002	79	102773	1.47	
154 Di-n-butyl phthalate	149		10.213					9
159 Fluoranthene	202	10.793	10.795	-0.002	99	1044083	11.7	
161 Pyrene	202	11.001	11.003	-0.002	89	796362	8.52	
168 Butyl benzyl phthalate	149		11.596					9
175 3,3'-Dichlorobenzidine	252		12.243					
173 Bis(2-ethylhexyl) phthalate	149		12.269					
177 Benzo[a]anthracene	228	12.289	12.296	-0.007	90	335377	4.10	
178 Chrysene	228	12.337	12.344	-0.007	84	314628	4.13	
180 Di-n-octyl phthalate	149		13.177					
182 Benzo[b]fluoranthene	252	13.790	13.797	-0.007	86	358353	4.42	
183 Benzo[k]fluoranthene	252	13.827	13.835	-0.008	1	159334	1.86	M
184 Benzo[a]pyrene	252	14.287	14.294	-0.007	76	258143	3.39	
188 Indeno[1,2,3-cd]pyrene	276	16.023	16.030	-0.007	82	157930	1.84	
189 Dibenz(a,h)anthracene	278	16.033	16.057	-0.024	27	34110	0.4947	
190 Benzo[g,h,i]perylene	276	16.461	16.474	-0.013	88	150324	2.06	

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

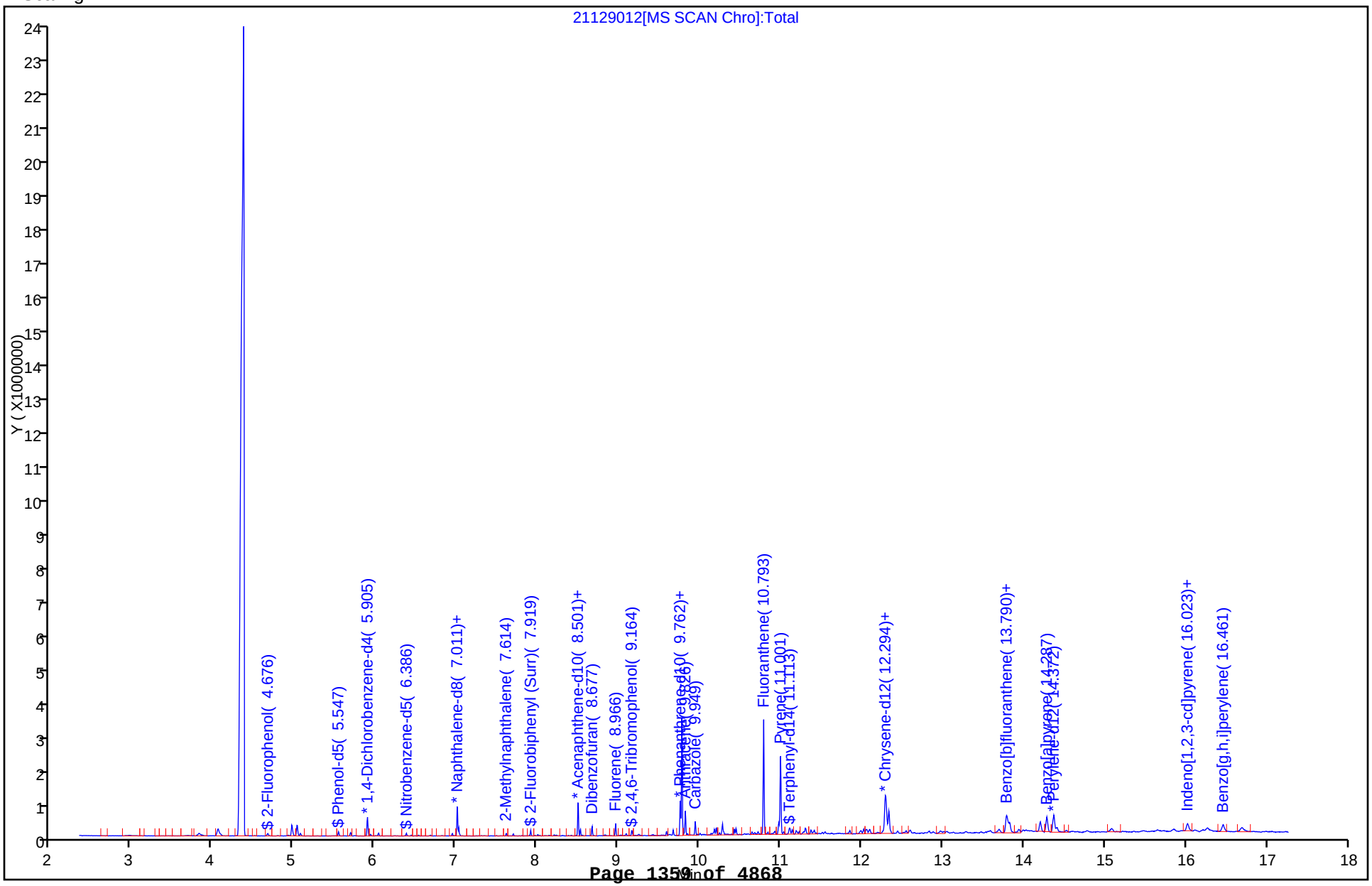
Review Flags
M - Manually Integrated

Report Date: 29-Nov-2012 14:09:41 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129012.D		
Injection Date:	29-Nov-2012 12:30:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0003M-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	66702	Lims Sample ID:	12
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:

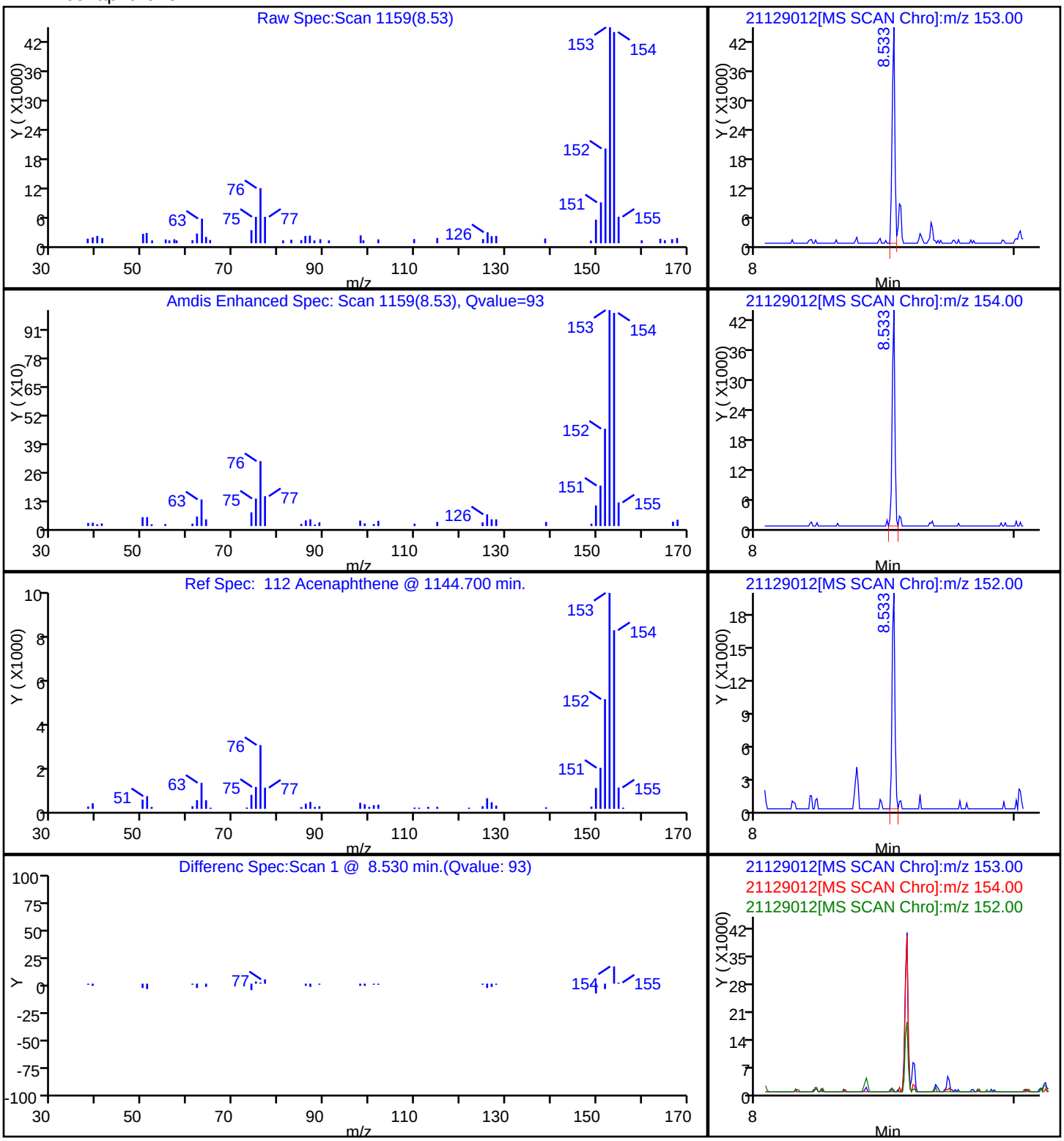


Report Date: 29-Nov-2012 14:09:41 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129012.D		
Injection Date:	29-Nov-2012 12:30:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0003M-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	66702	Lims Sample ID:	12
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

112 Acenaphthene

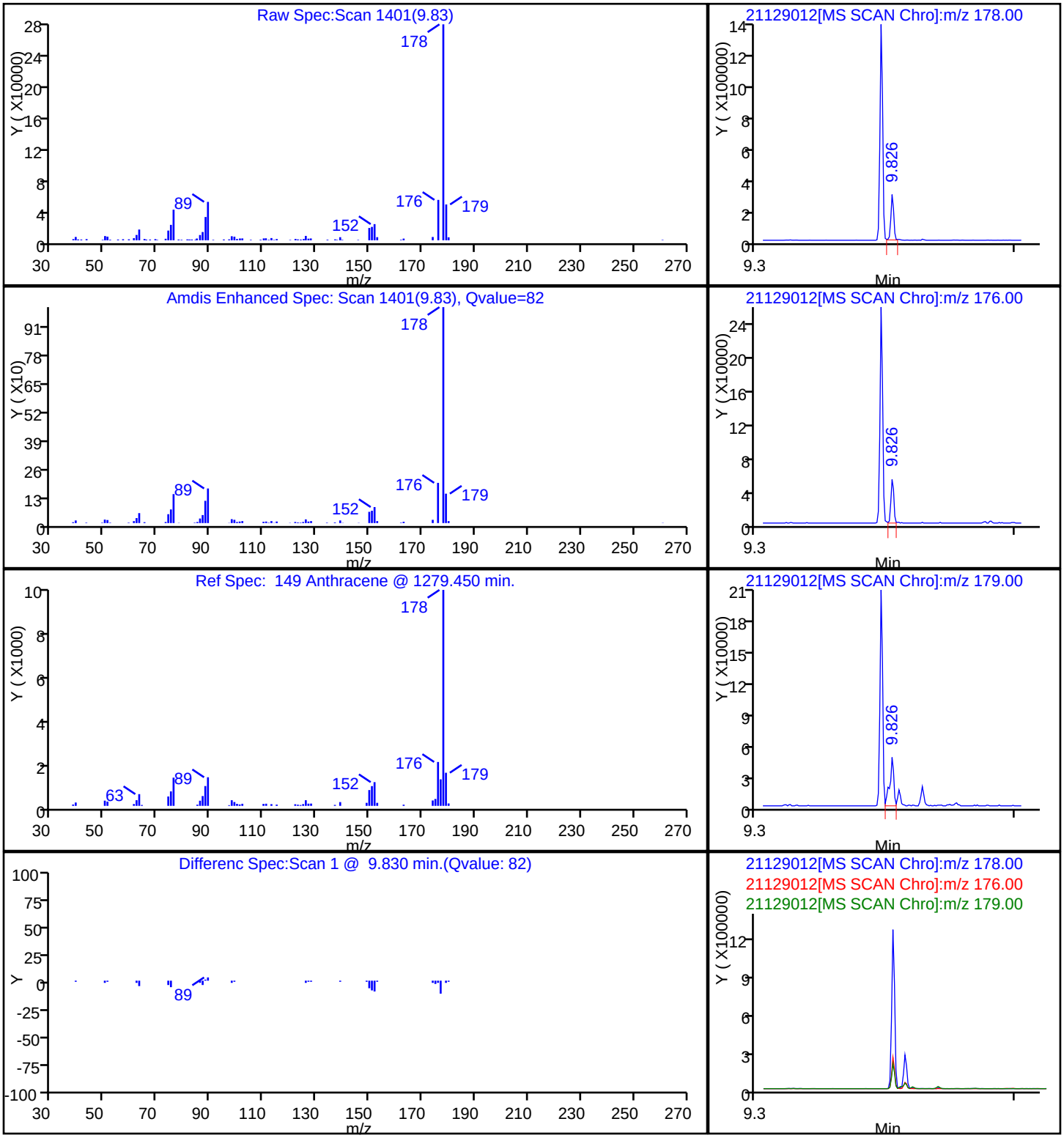


Report Date: 29-Nov-2012 14:09:41 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129012.D		
Injection Date:	29-Nov-2012 12:30:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0003M-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	66702	Lims Sample ID:	12
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

149 Anthracene



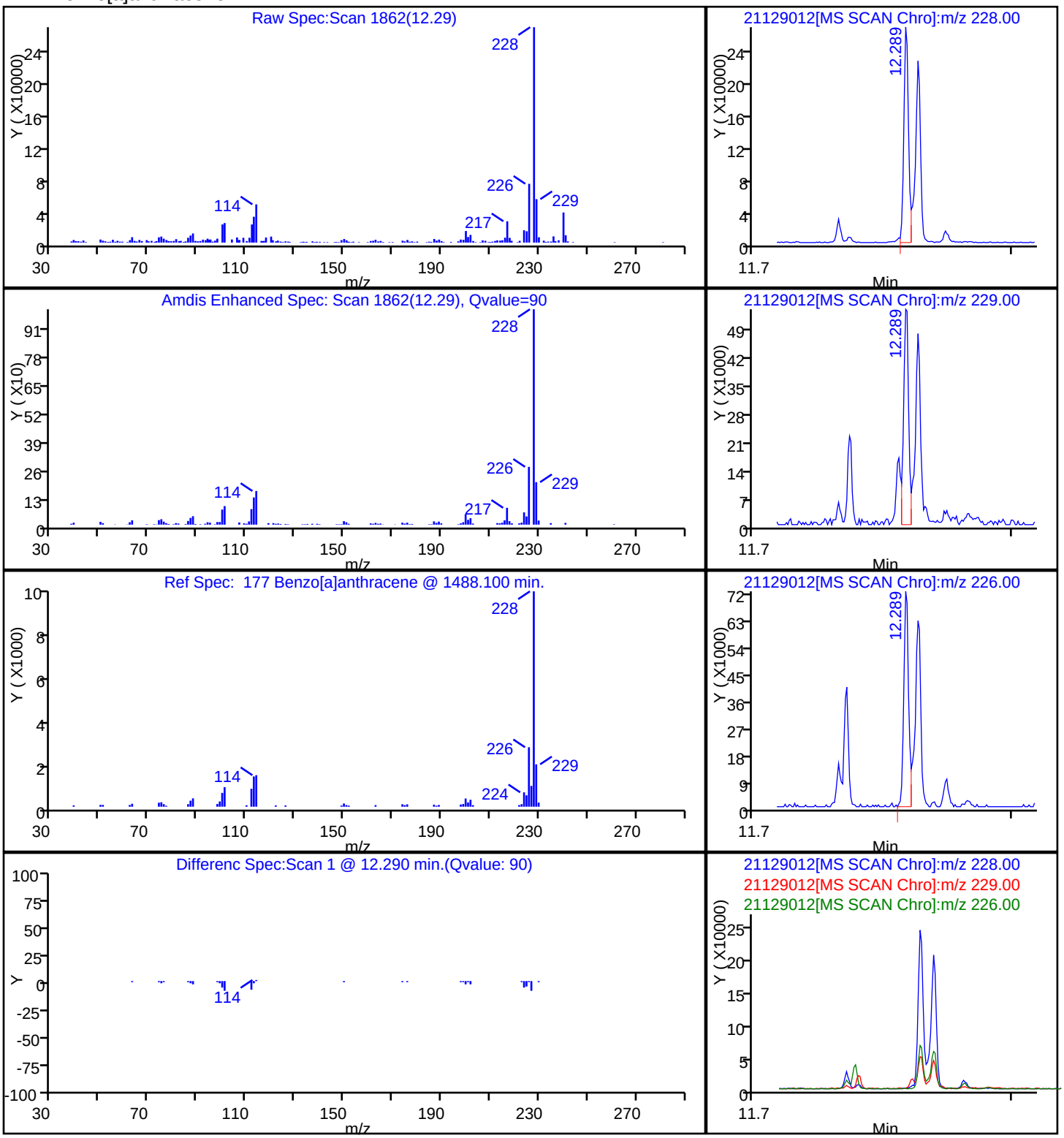
Report Date: 29-Nov-2012 14:09:41 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129012.D

Injection Date:	29-Nov-2012 12:30:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0003M-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	66702	Lims Sample ID:	12
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

177 Benzo[a]anthracene



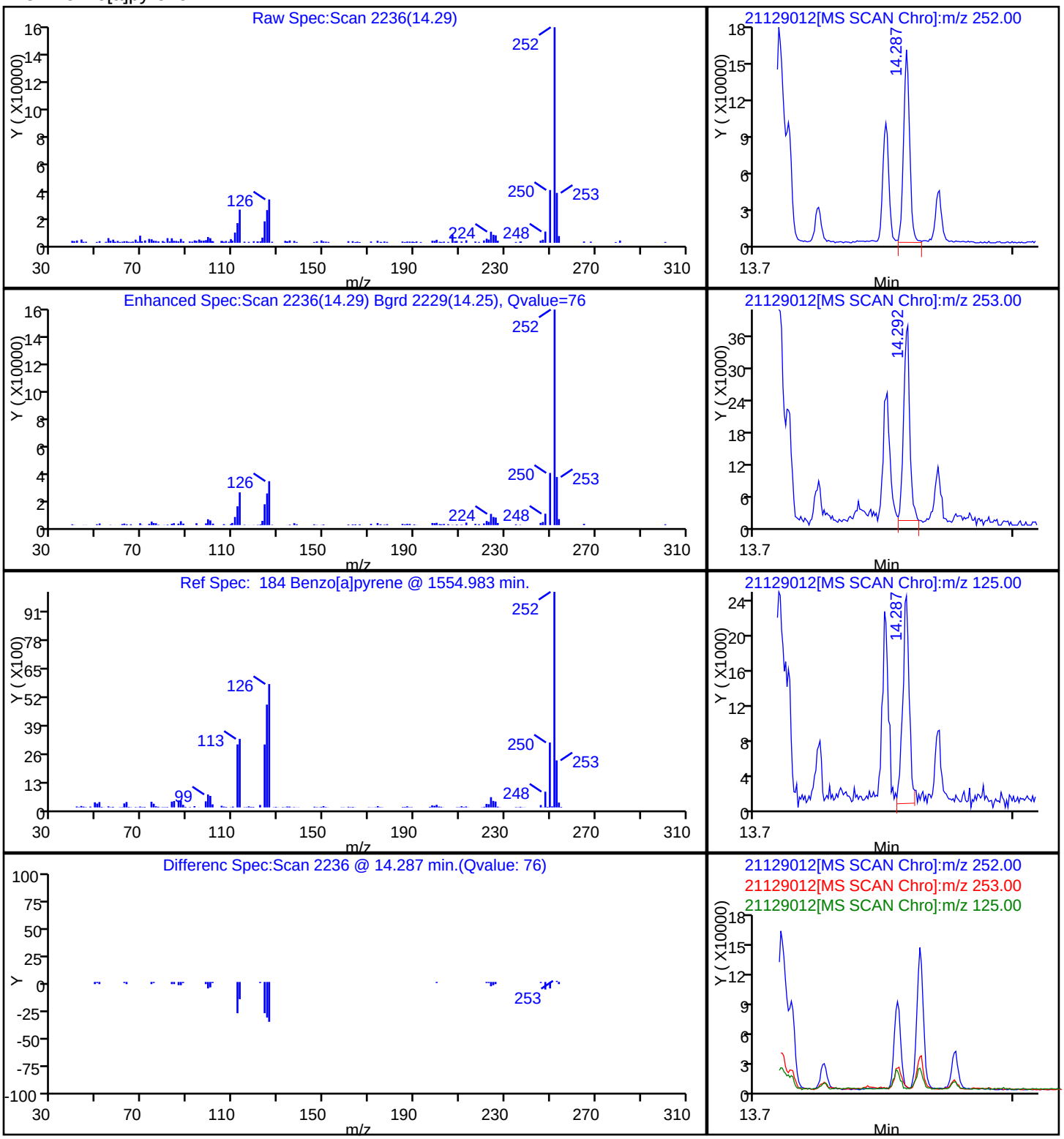
Report Date: 29-Nov-2012 14:09:41 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129012.D

Injection Date:	29-Nov-2012 12:30:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0003M-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	66702	Lims Sample ID:	12
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

184 Benzo[a]pyrene



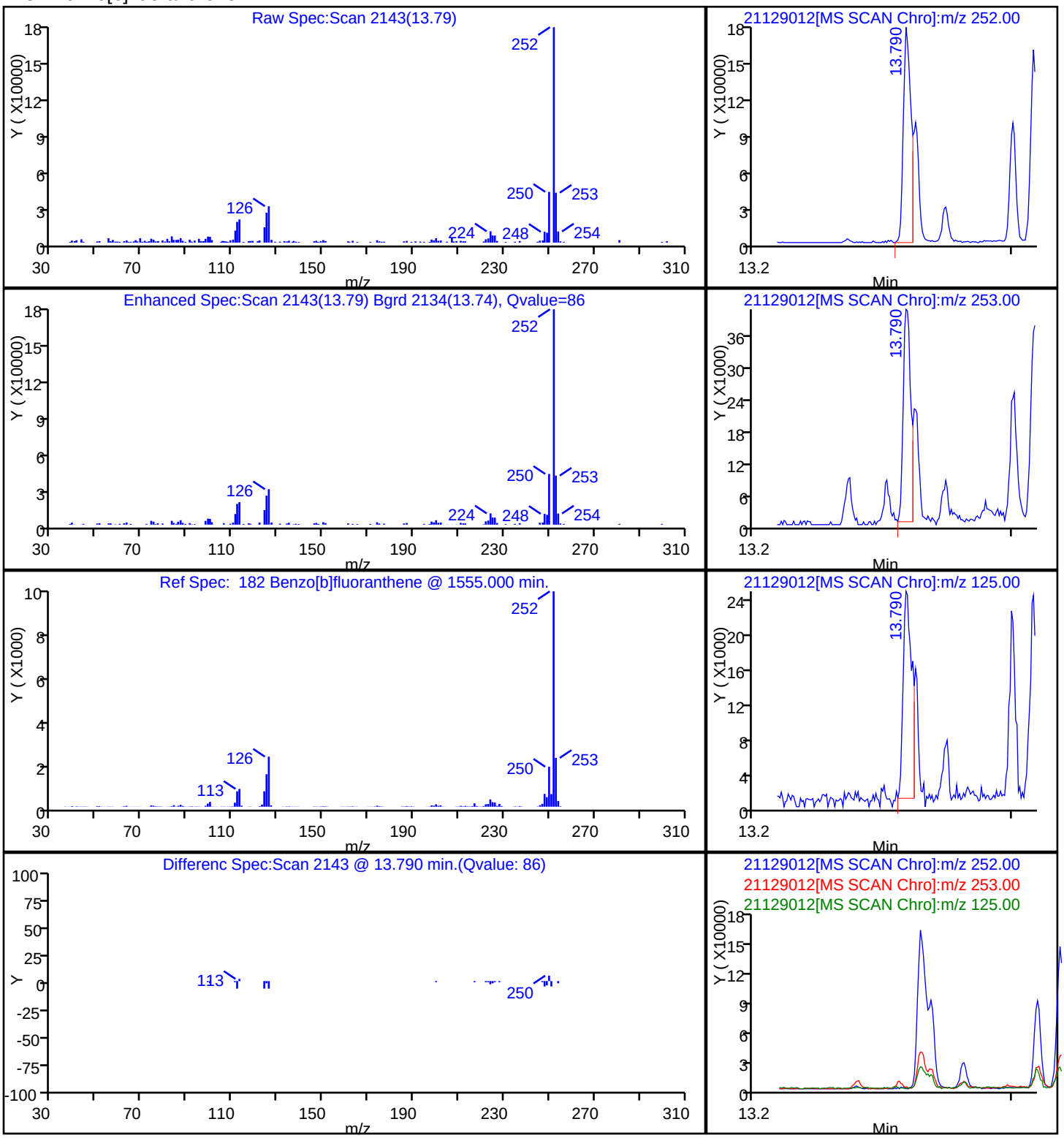
Report Date: 29-Nov-2012 14:09:41 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129012.D

Injection Date:	29-Nov-2012 12:30:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0003M-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	66702	Lims Sample ID:	12
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

182 Benzo[b]fluoranthene



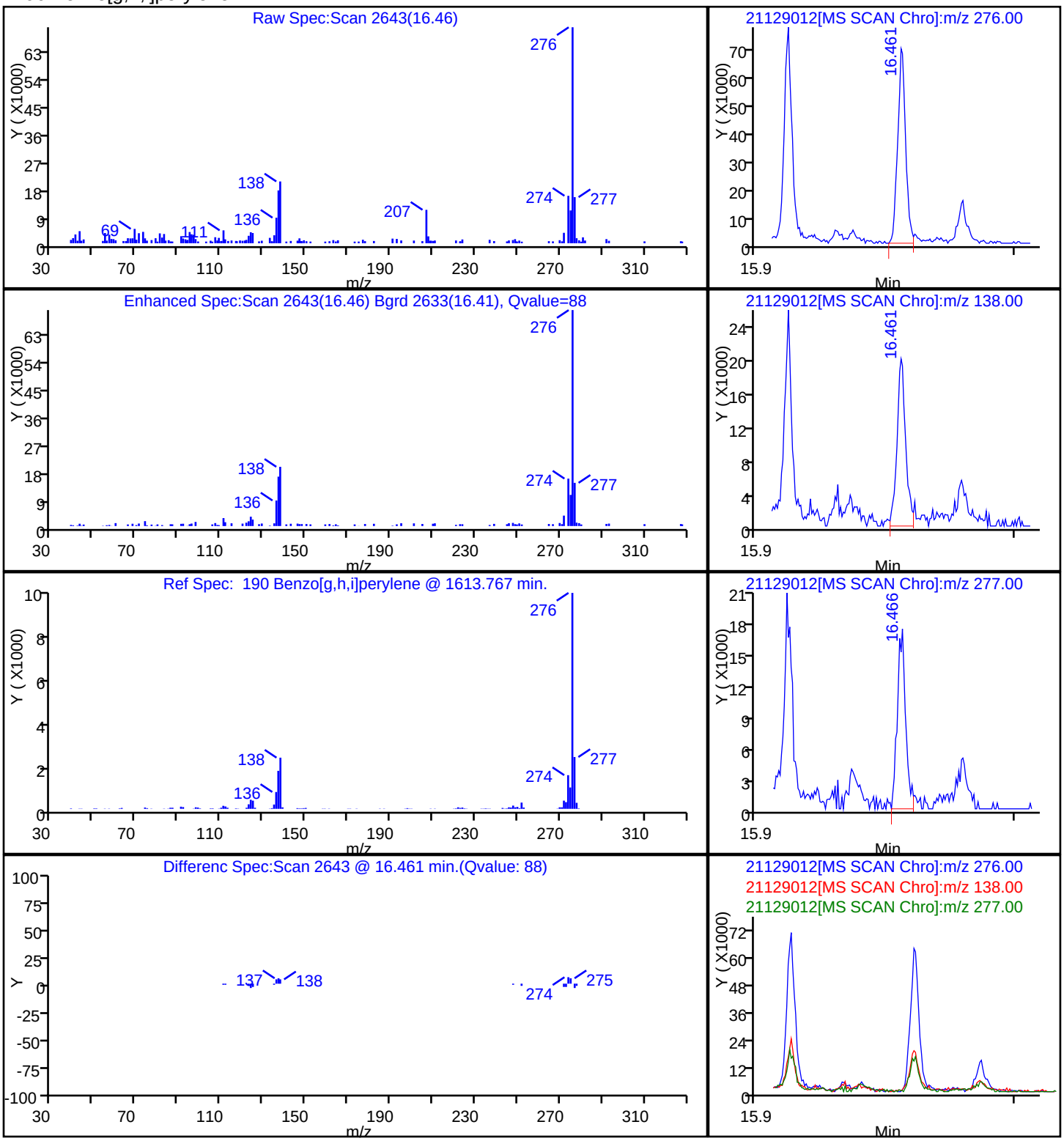
Report Date: 29-Nov-2012 14:09:41 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129012.D

Injection Date:	29-Nov-2012 12:30:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0003M-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	66702	Lims Sample ID:	12
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

190 Benzo[g,h,i]perylene



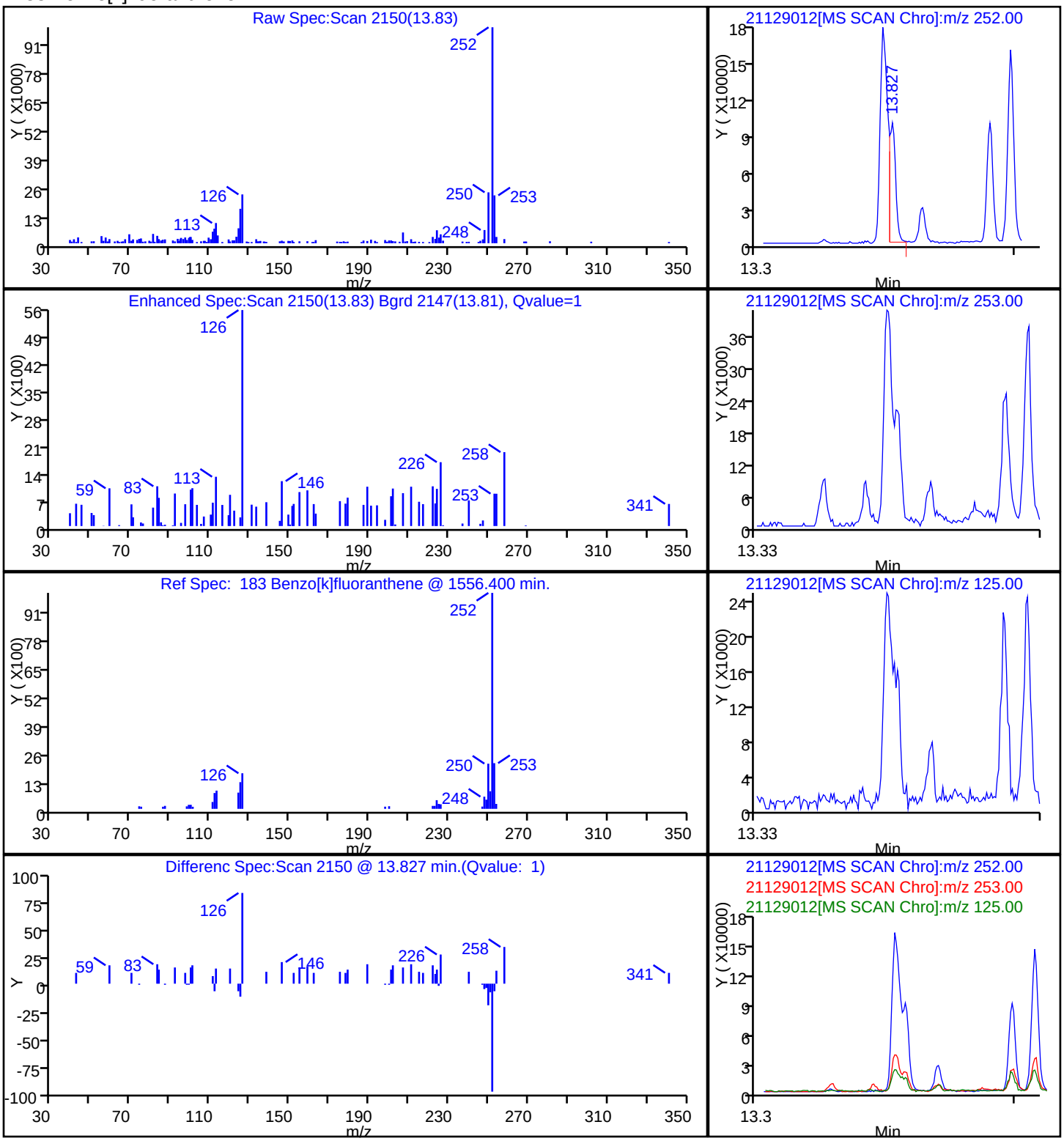
Report Date: 29-Nov-2012 14:09:41 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129012.D

Injection Date:	29-Nov-2012 12:30:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0003M-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	66702	Lims Sample ID:	12
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

183 Benzo[k]fluoranthene



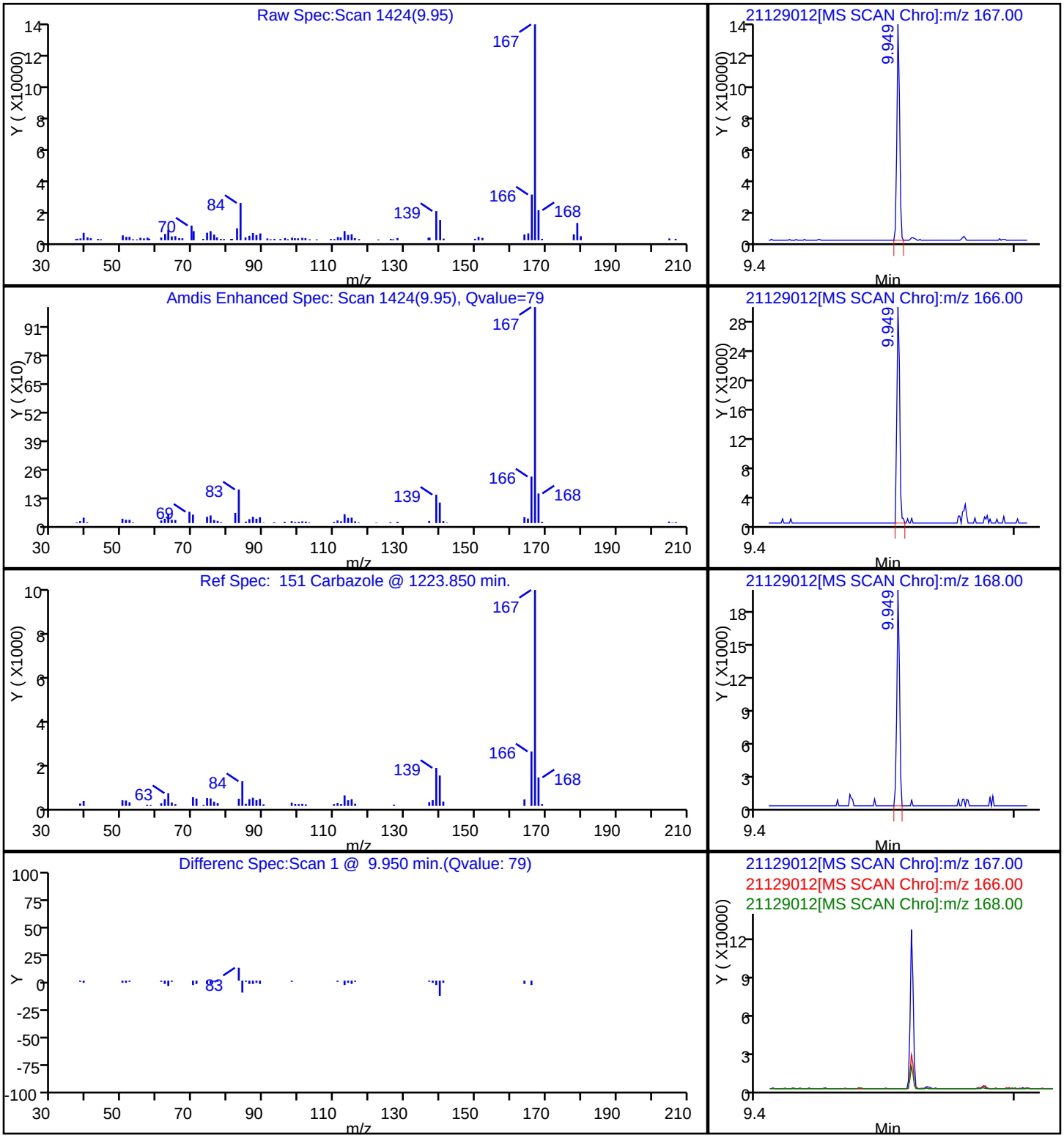
Report Date: 29-Nov-2012 14:09:41 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129012.D

Injection Date:	29-Nov-2012 12:30:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0003M-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	66702	Lims Sample ID:	12
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

151 Carbazole



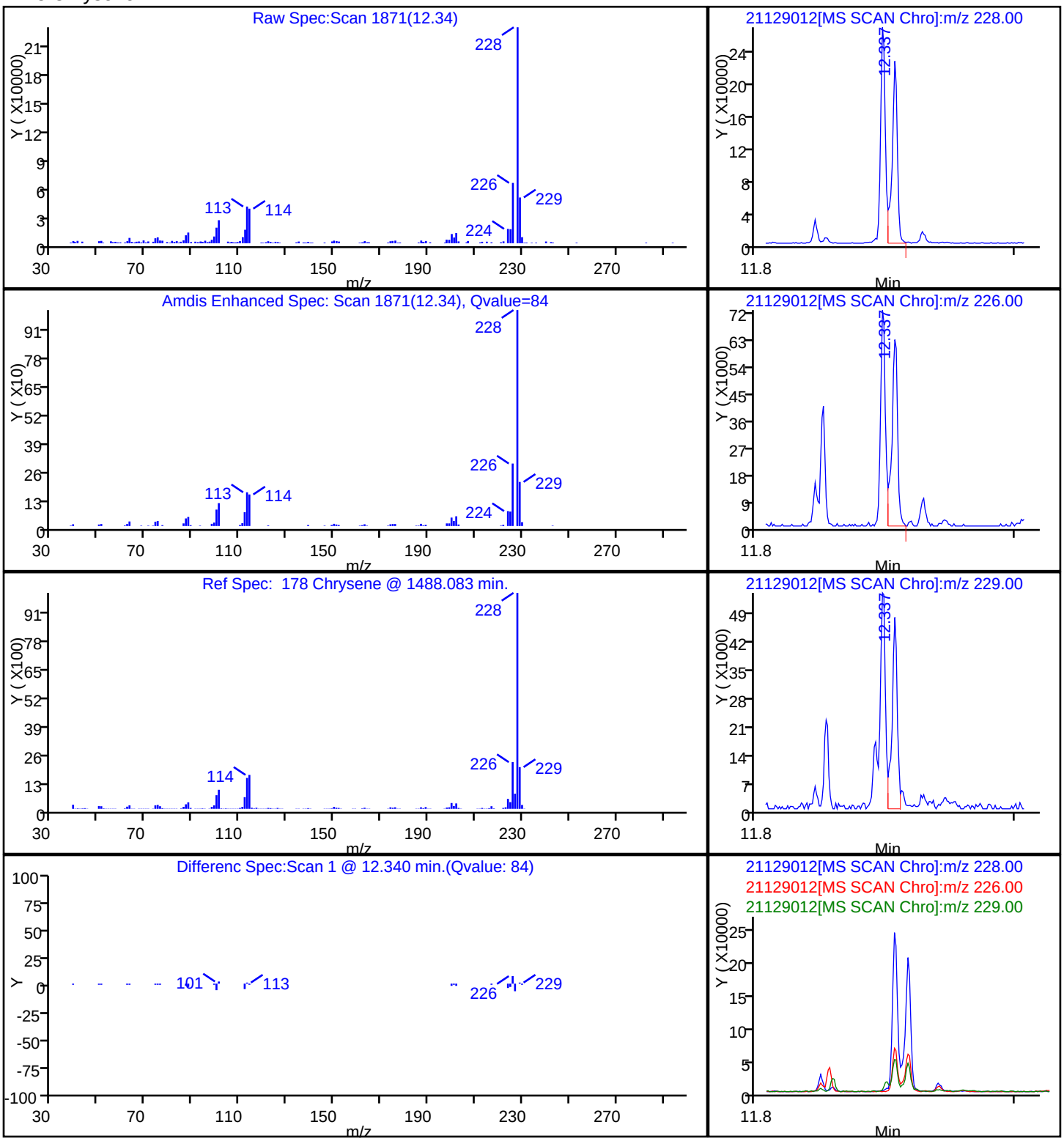
Report Date: 29-Nov-2012 14:09:41 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129012.D

Injection Date:	29-Nov-2012 12:30:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0003M-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	66702	Lims Sample ID:	12
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

178 Chrysene

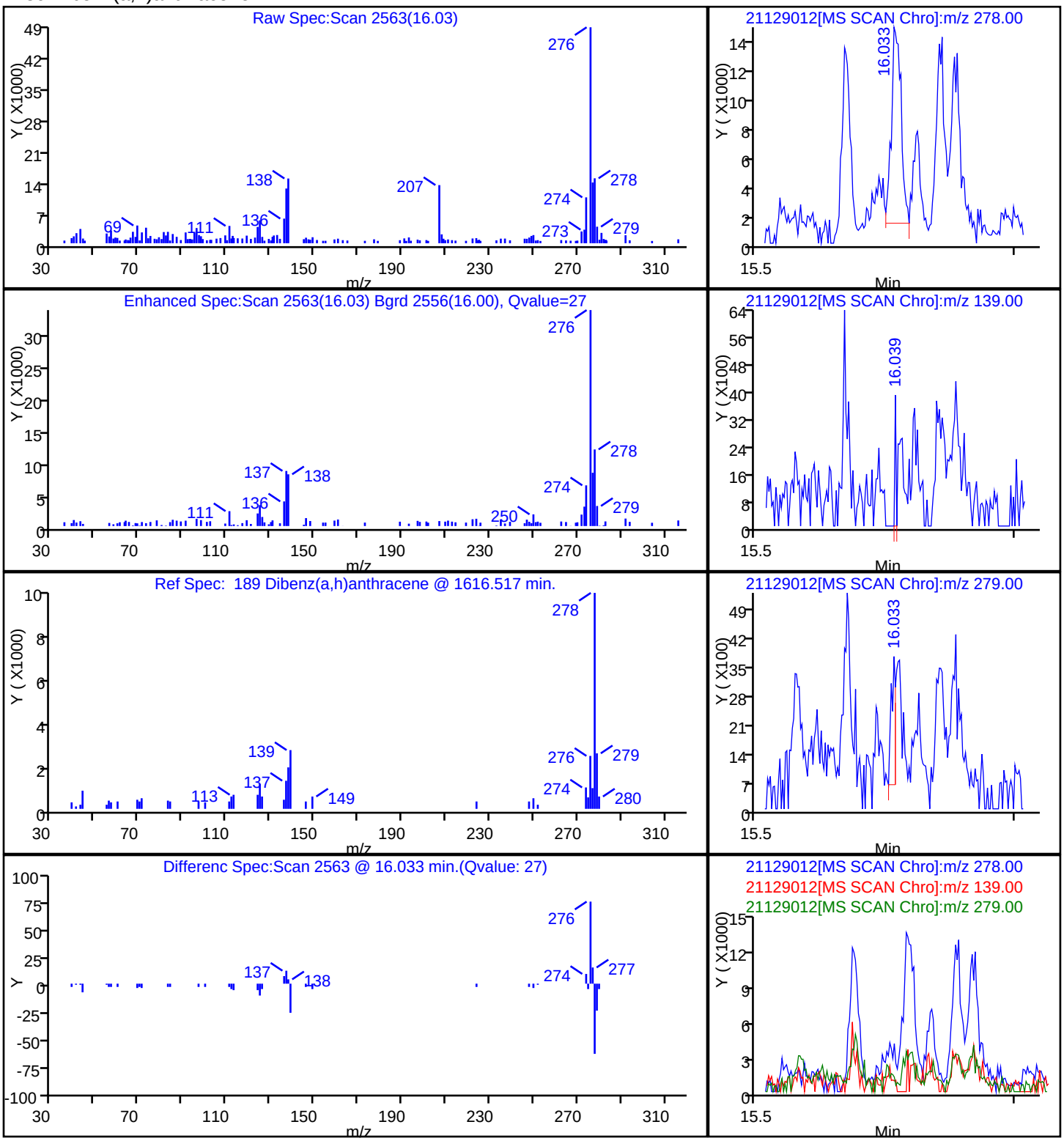


Report Date: 29-Nov-2012 14:09:41 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129012.D		
Injection Date:	29-Nov-2012 12:30:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0003M-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	66702	Lims Sample ID:	12
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

189 Dibenz(a,h)anthracene

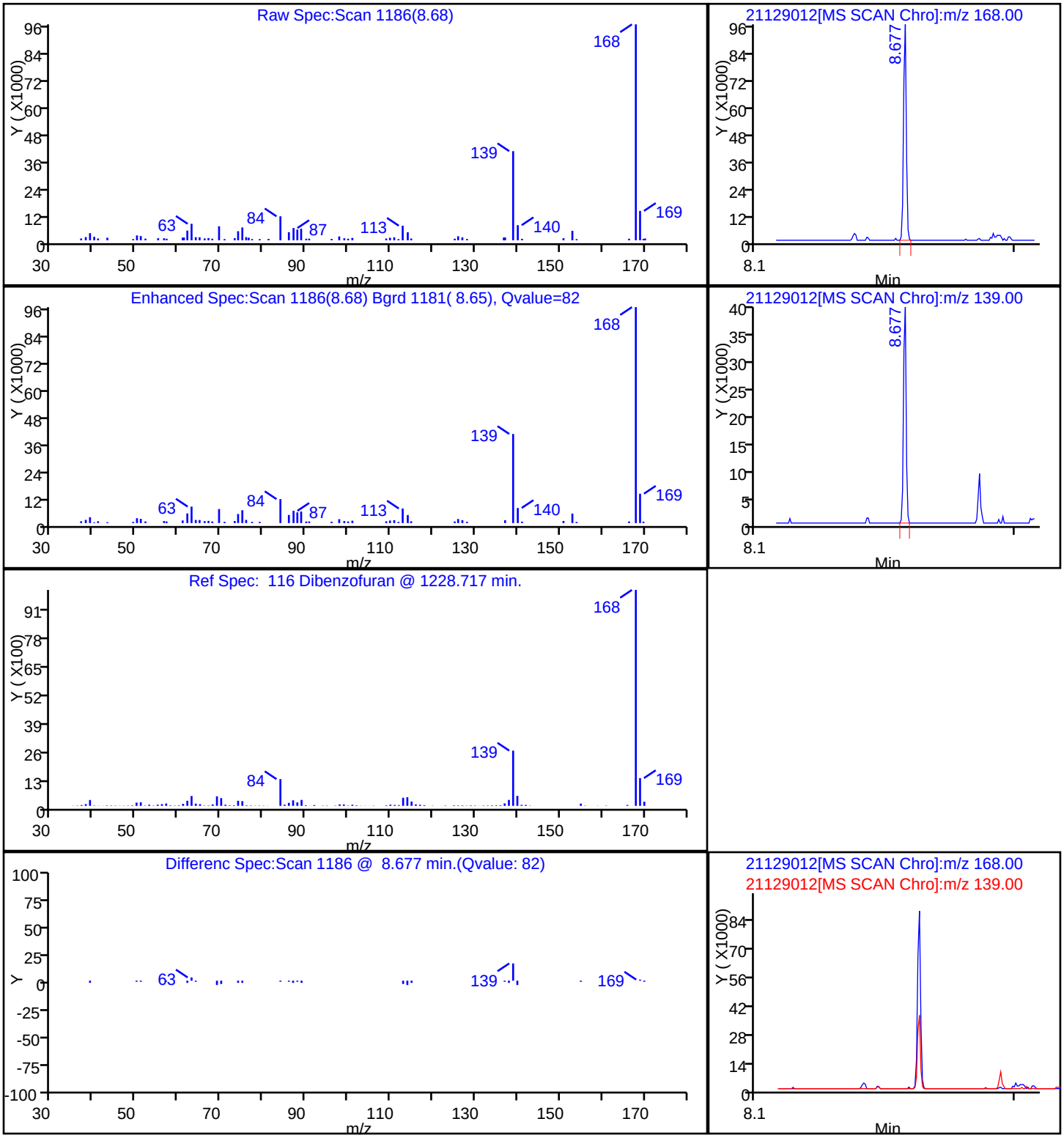


Report Date: 29-Nov-2012 14:09:41 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129012.D		
Injection Date:	29-Nov-2012 12:30:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0003M-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	66702	Lims Sample ID:	12
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

116 Dibenzofuran



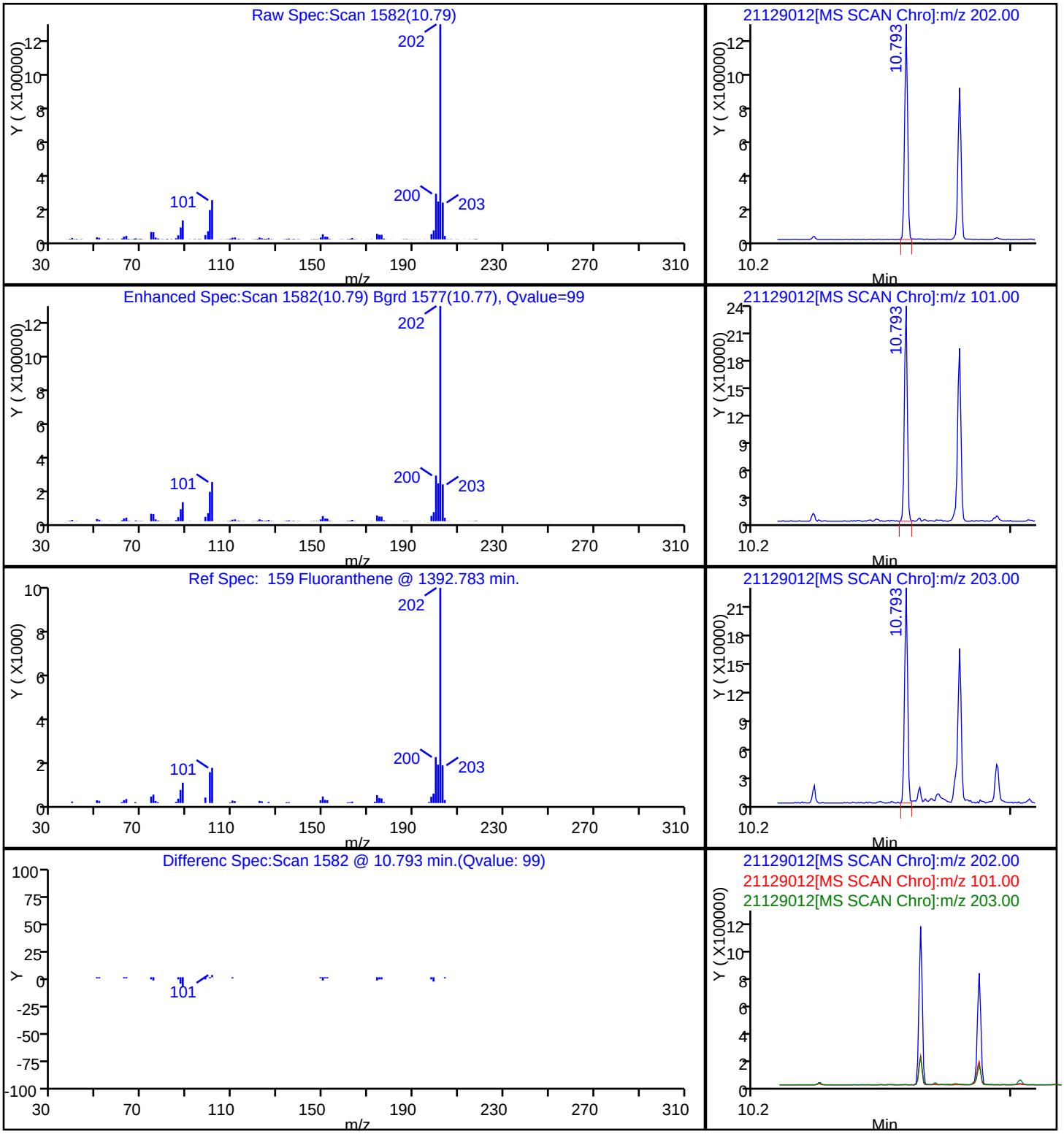
Report Date: 29-Nov-2012 14:09:41 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129012.D

Injection Date:	29-Nov-2012 12:30:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0003M-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	66702	Lims Sample ID:	12
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

159 Fluoranthene

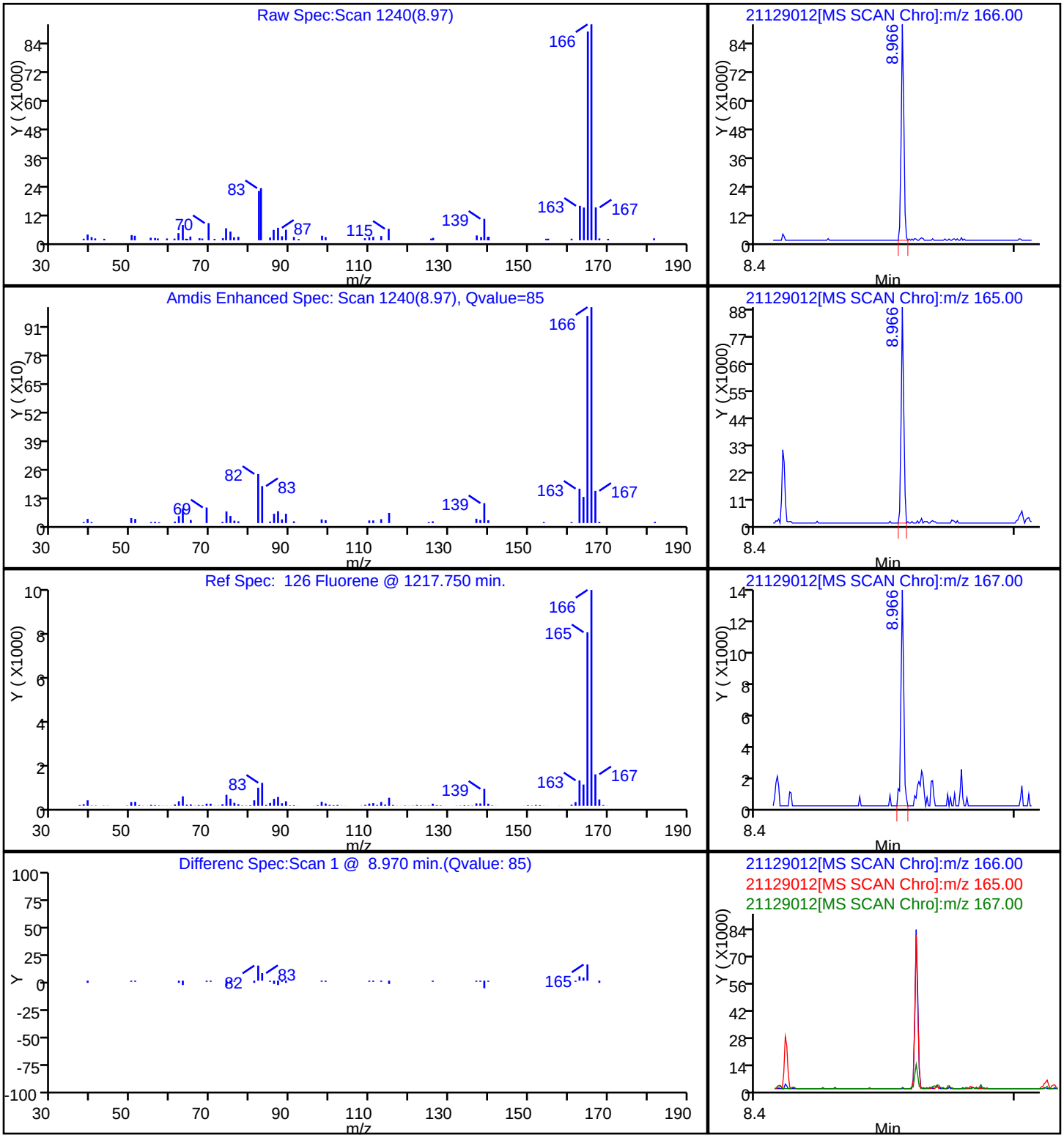


Report Date: 29-Nov-2012 14:09:41 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129012.D		
Injection Date:	29-Nov-2012 12:30:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0003M-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	66702	Lims Sample ID:	12
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

126 Fluorene



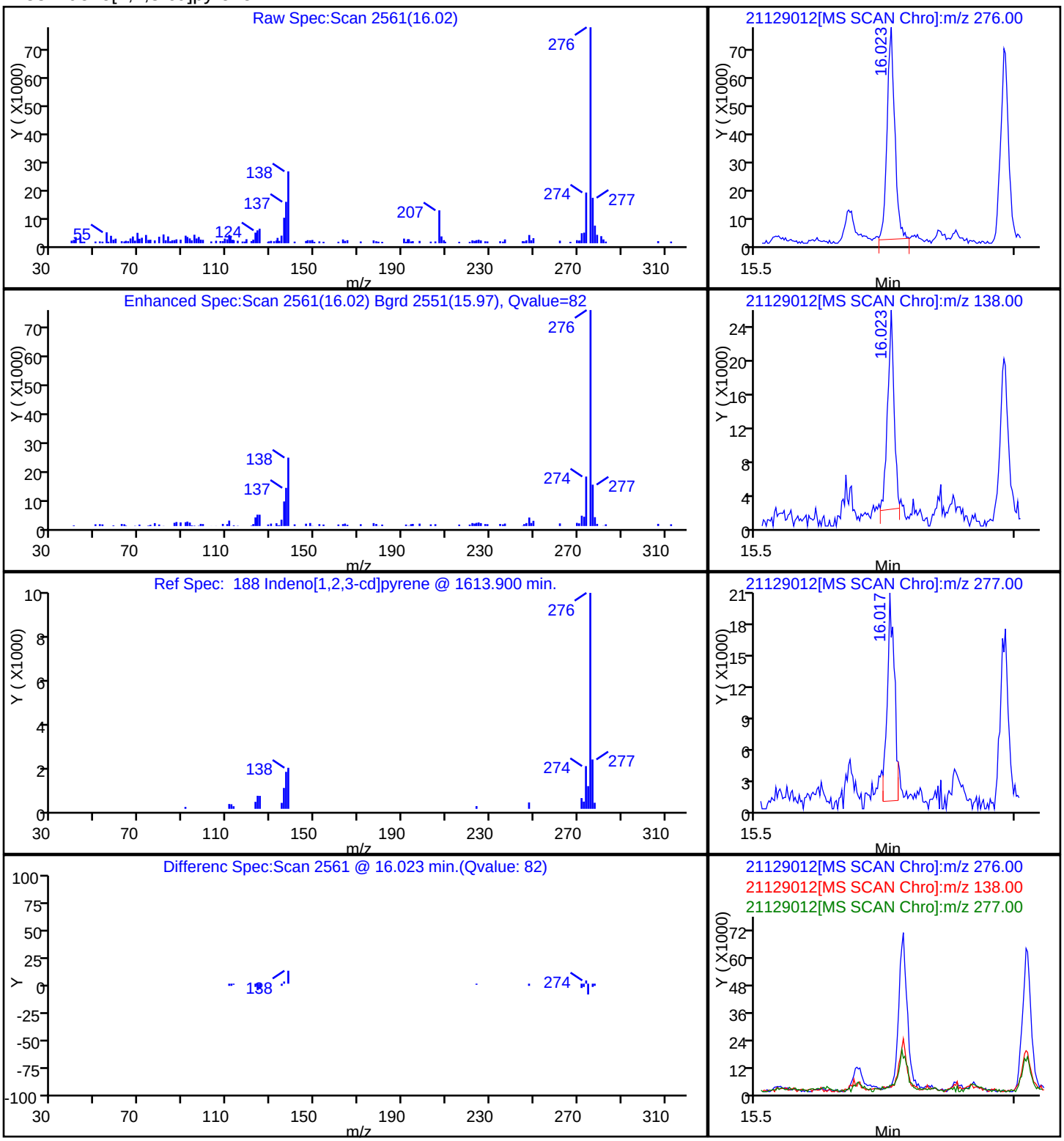
Report Date: 29-Nov-2012 14:09:41 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129012.D

Injection Date:	29-Nov-2012 12:30:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0003M-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	66702	Lims Sample ID:	12
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

188 Indeno[1,2,3-cd]pyrene



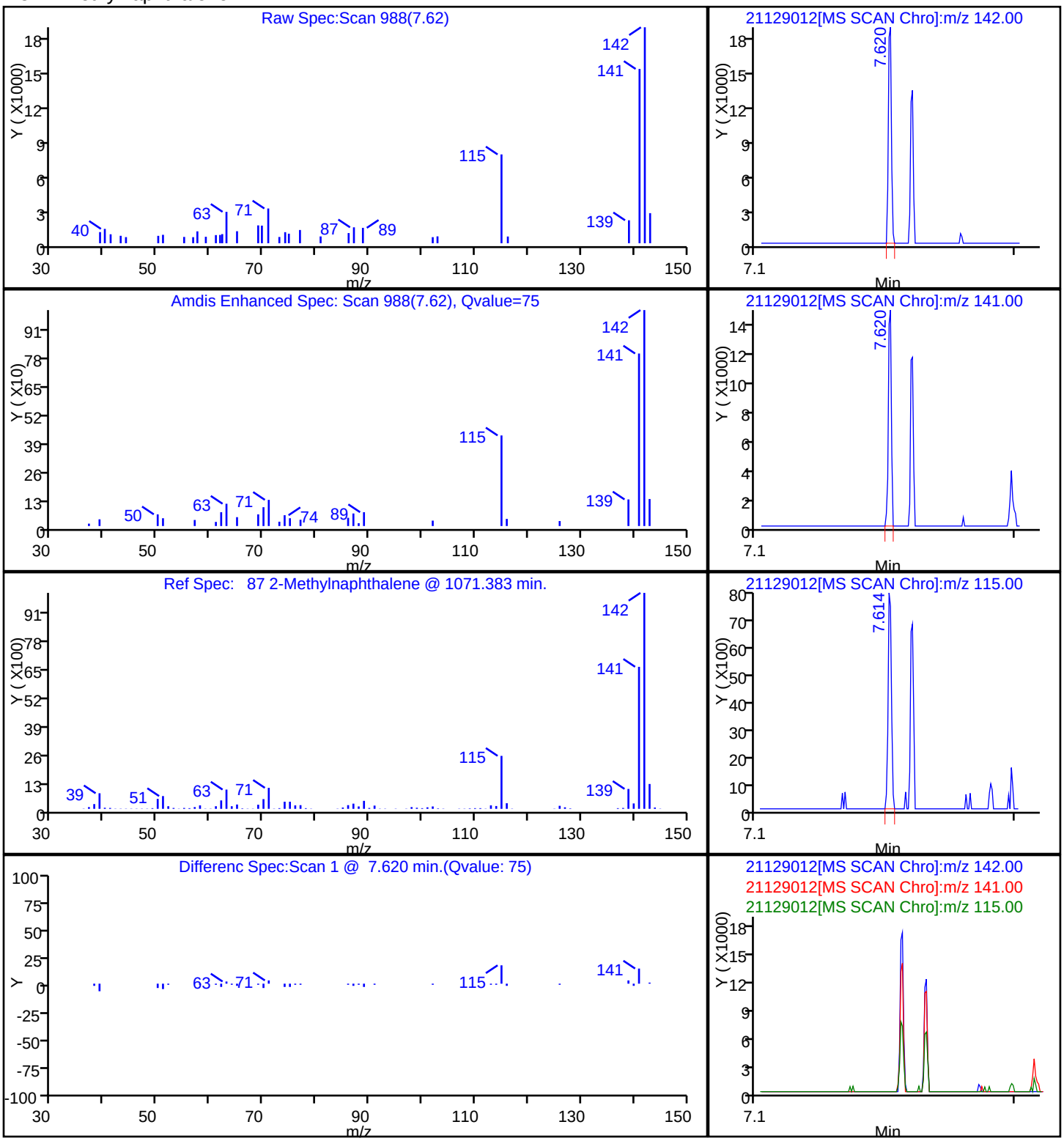
Report Date: 29-Nov-2012 14:09:41 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129012.D

Injection Date:	29-Nov-2012 12:30:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0003M-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	66702	Lims Sample ID:	12
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

87 2-Methylnaphthalene



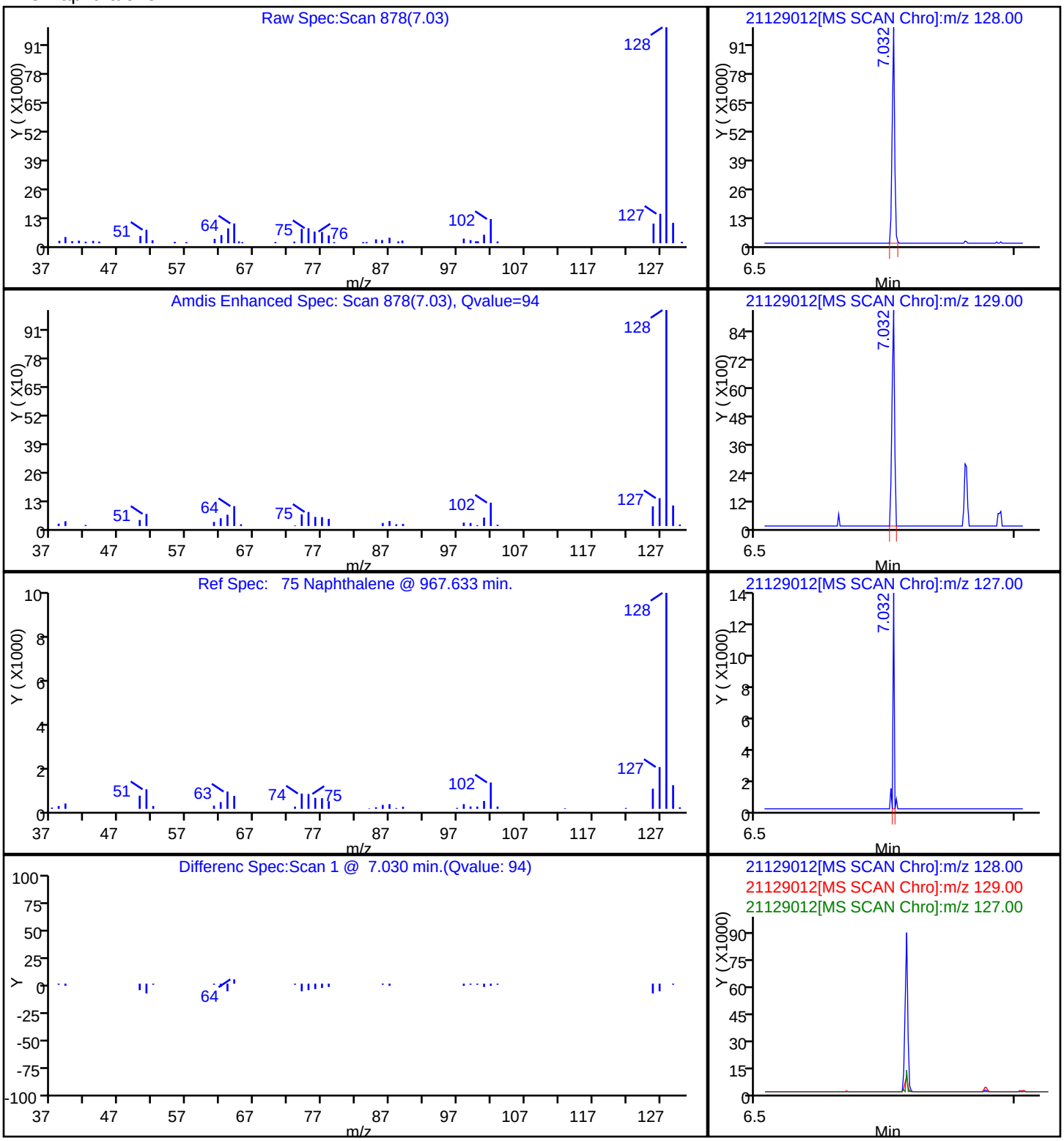
Report Date: 29-Nov-2012 14:09:41 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129012.D

Injection Date:	29-Nov-2012 12:30:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0003M-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	66702	Lims Sample ID:	12
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

75 Naphthalene

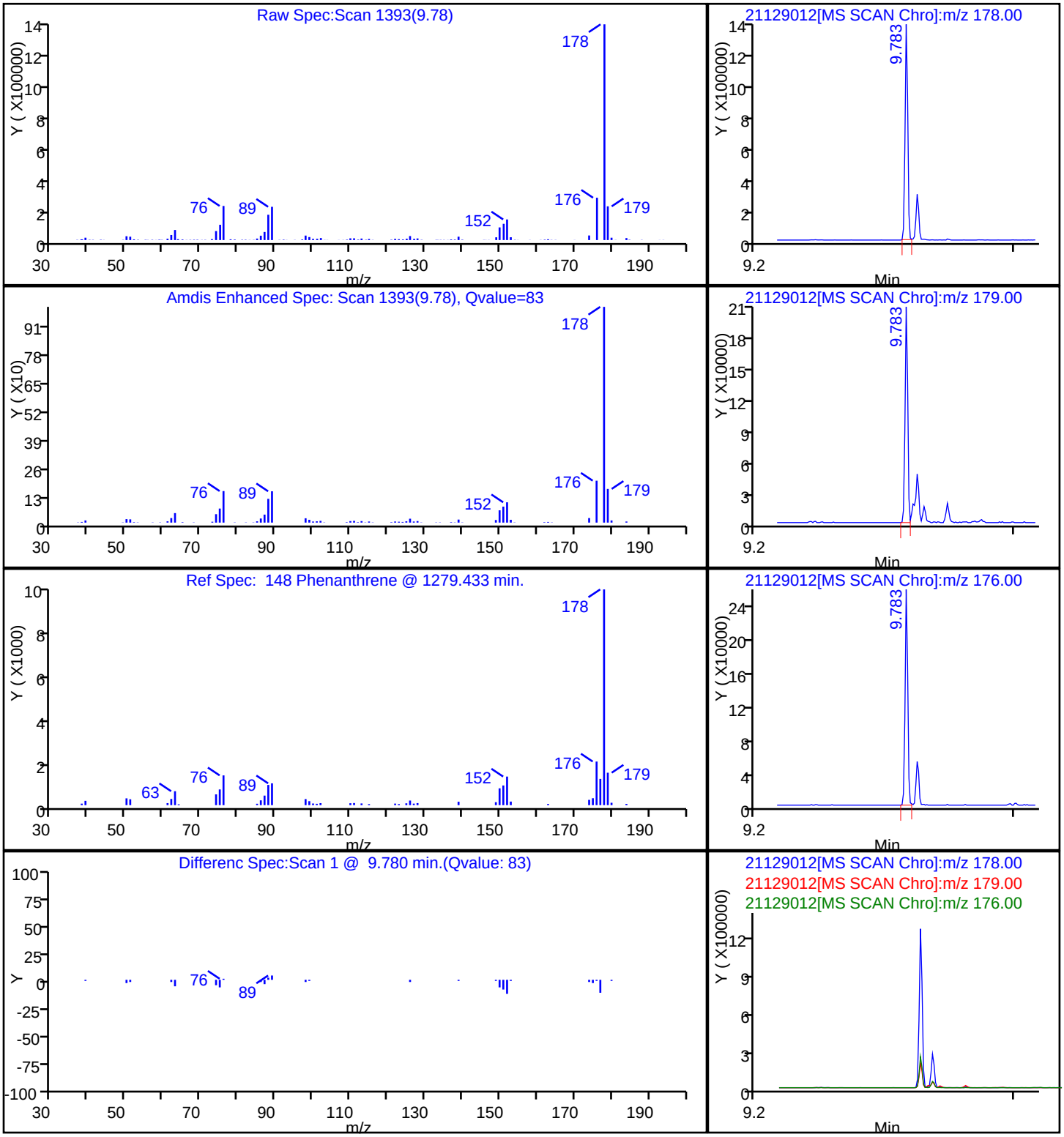


Report Date: 29-Nov-2012 14:09:41 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129012.D		
Injection Date:	29-Nov-2012 12:30:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0003M-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	66702	Lims Sample ID:	12
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

148 Phenanthrene

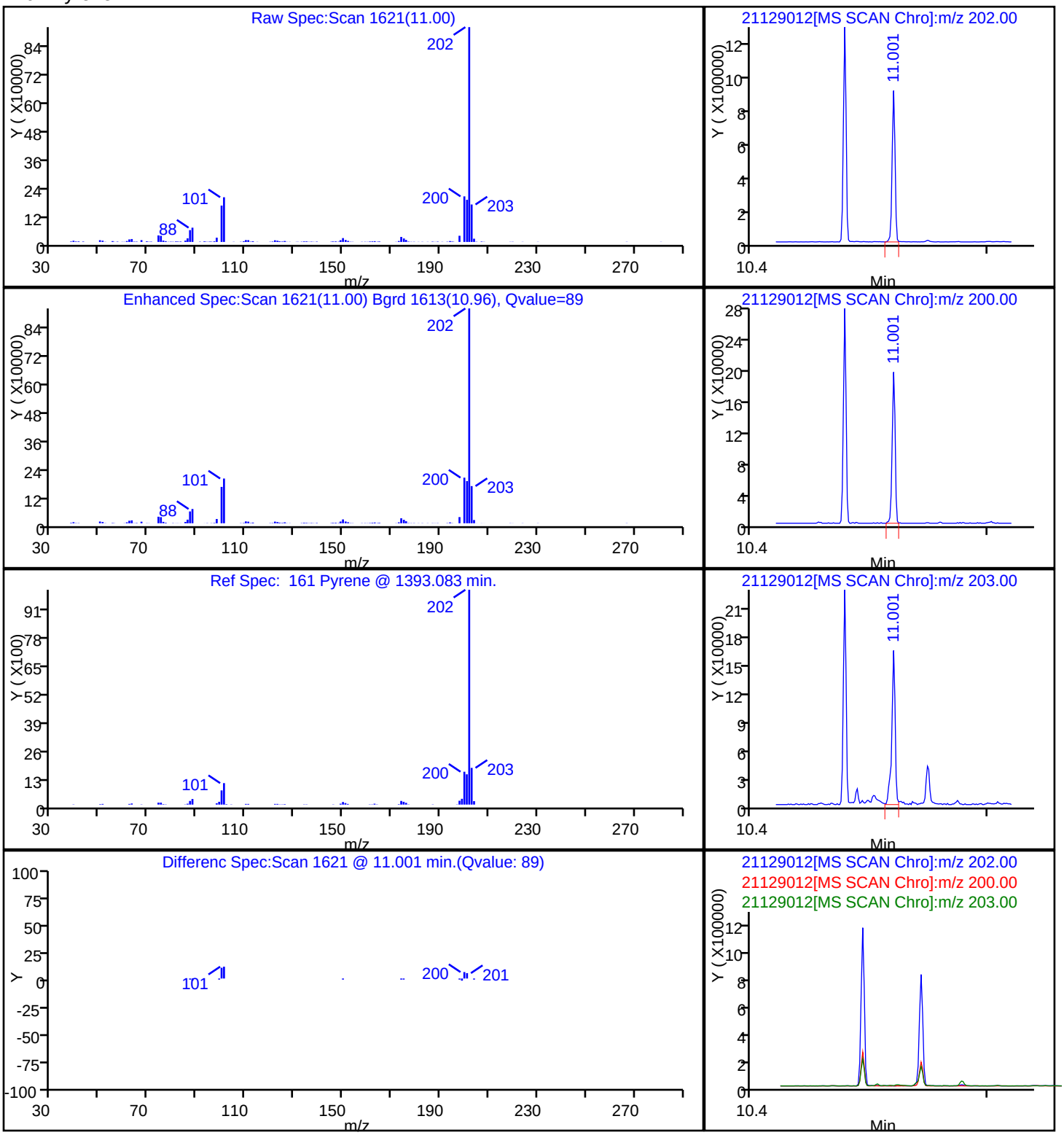


Report Date: 29-Nov-2012 14:09:41 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129012.D		
Injection Date:	29-Nov-2012 12:30:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0003M-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	66702	Lims Sample ID:	12
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

161 Pyrene



Manual Integration/User Assign Peak Report

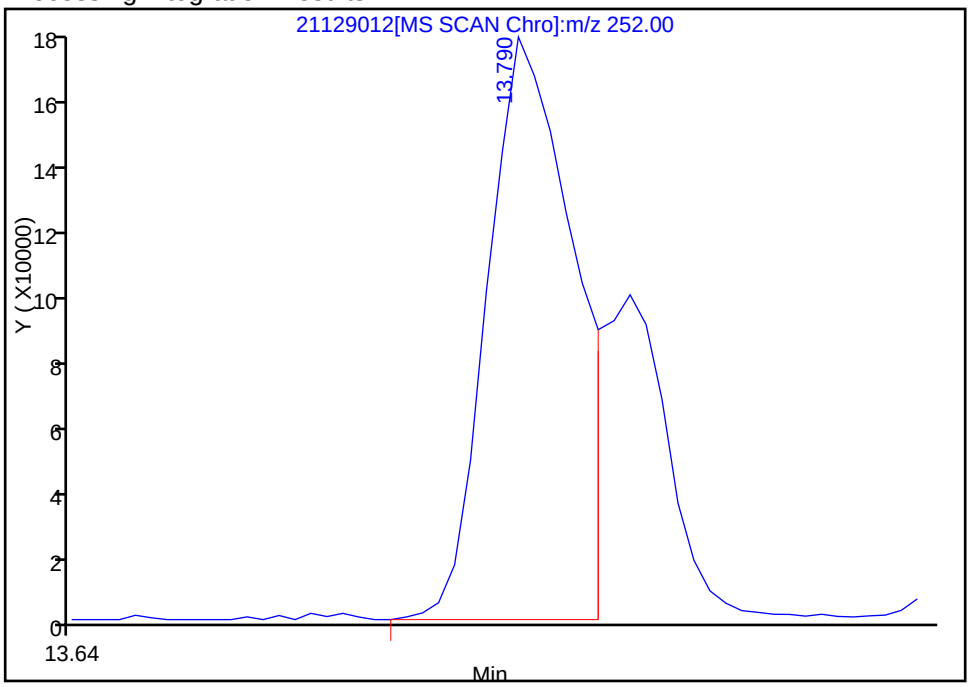
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129012.D		
Injection Date:	29-Nov-2012 12:30:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SS-0003M-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	66702	Lims Sample ID:	12
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

183 Benzo[k]fluoranthene, Signal: 1, m/z: 252.0 Type: quant, RT: 13.83

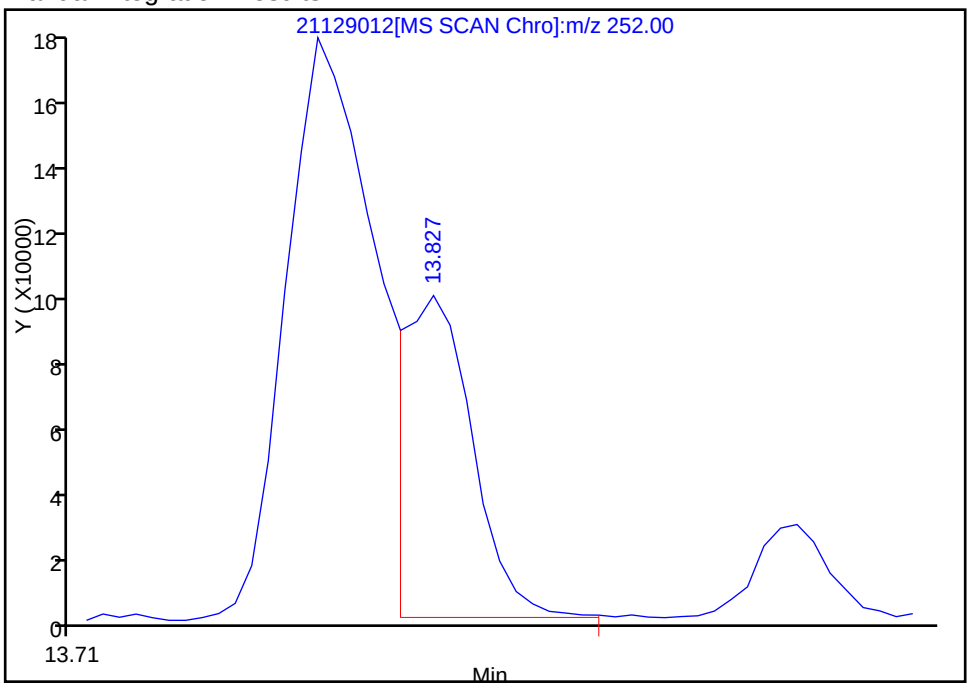
Processing Integration Results

RT: 13.79
Response: 358353
Amount: 4.174853



Manual Integration Results

RT: 13.83
Response: 159334
Amount: 1.856259



Reviewer: ulmanm, 29-Nov-2012 13:08:23
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: 068SS-0005M-0001-SO | Lab Sample ID: 240-17317-14

Matrix: Solid | Lab File ID: 21129008.D

Analysis Method: 8270C/DoD | Date Collected: 11/06/2012 13:50

Extract. Method: 3540C | Date Extracted: 11/16/2012 13:26

Sample wt/vol: 30.01(g) | Date Analyzed: 11/29/2012 10:52

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66702 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	6.2	J	6.7	3.3	3.3
208-96-8	Acenaphthylene	6.8		6.7	3.3	3.3
120-12-7	Anthracene	9.0		6.7	3.3	3.3
56-55-3	Benzo[a]anthracene	10		6.7	3.3	3.3
50-32-8	Benzo[a]pyrene	10		6.7	3.3	3.3
205-99-2	Benzo[b]fluoranthene	13		6.7	3.3	3.3
191-24-2	Benzo[g,h,i]perylene	12		6.7	3.3	3.3
65-85-0	Benzoic acid	330	U	660	330	330
207-08-9	Benzo[k]fluoranthene	10	M	6.7	3.3	3.3
100-51-6	Benzyl alcohol	27	U	330	27	21
111-91-1	Bis(2-chloroethoxy)methane	27	U	100	27	22
111-44-4	Bis(2-chloroethyl)ether	3.3	U	100	3.3	2.0
108-60-1	bis (2-chloroisopropyl) ether	27	U	100	27	9.5
117-81-7	Bis(2-ethylhexyl) phthalate	32	J	50	27	19
101-55-3	4-Bromophenyl phenyl ether	27	U	50	27	13
85-68-7	Butyl benzyl phthalate	27	U	50	27	10
86-74-8	Carbazole	27	U	50	27	27
106-47-8	4-Chloroaniline	27	U	150	27	17
59-50-7	4-Chloro-3-methylphenol	27	U	150	27	21
91-58-7	2-Chloronaphthalene	3.3	U	50	3.3	3.3
95-57-8	2-Chlorophenol	27	U	50	27	27
7005-72-3	4-Chlorophenyl phenyl ether	27	U	50	27	13
218-01-9	Chrysene	14		6.7	3.3	1.1
53-70-3	Dibenz(a,h)anthracene	3.3	U	6.7	3.3	3.3
132-64-9	Dibenzofuran	8.5	J	50	3.3	3.3
106-46-7	1,4-Dichlorobenzene	27	U	50	27	20
95-50-1	1,2-Dichlorobenzene	27	U	50	27	9.7
541-73-1	1,3-Dichlorobenzene	27	U	50	27	11
91-94-1	3,3'-Dichlorobenzidine	80	U	100	80	18
120-83-2	2,4-Dichlorophenol	27	U	150	27	20
84-66-2	Diethyl phthalate	17	J	50	27	16
105-67-9	2,4-Dimethylphenol	80	U	150	80	20
131-11-3	Dimethyl phthalate	27	U	50	27	17
84-74-2	Di-n-butyl phthalate	20	J	50	27	15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: 068SS-0005M-0001-SO | Lab Sample ID: 240-17317-14

Matrix: Solid | Lab File ID: 21129008.D

Analysis Method: 8270C/DoD | Date Collected: 11/06/2012 13:50

Extract. Method: 3540C | Date Extracted: 11/16/2012 13:26

Sample wt/vol: 30.01(g) | Date Analyzed: 11/29/2012 10:52

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66702 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	80	U	150	80	80
51-28-5	2,4-Dinitrophenol	80	U	330	80	80
121-14-2	2,4-Dinitrotoluene	27	U	200	27	27
606-20-2	2,6-Dinitrotoluene	27	U	200	27	21
117-84-0	Di-n-octyl phthalate	27	U	50	27	27
206-44-0	Fluoranthene	14		6.7	3.3	3.3
86-73-7	Fluorene	8.2		6.7	3.3	3.3
118-74-1	Hexachlorobenzene	3.3	U	6.7	3.3	2.1
87-68-3	Hexachlorobutadiene	27	U	50	27	27
77-47-4	Hexachlorocyclopentadiene	27	U	330	27	27
67-72-1	Hexachloroethane	27	U	50	27	9.0
193-39-5	Indeno[1,2,3-cd]pyrene	9.8	M	6.7	3.3	3.3
78-59-1	Isophorone	27	U	50	27	13
91-57-6	2-Methylnaphthalene	13		6.7	3.3	3.3
95-48-7	2-Methylphenol	80	U	200	80	80
15831-10-4	3 & 4 Methylphenol	80	U	400	80	20
91-20-3	Naphthalene	12		6.7	3.3	3.3
88-74-4	2-Nitroaniline	27	U	200	27	9.1
99-09-2	3-Nitroaniline	80	U	200	80	16
100-01-6	4-Nitroaniline	27	U	200	27	26
98-95-3	Nitrobenzene	3.3	U	100	3.3	2.2
88-75-5	2-Nitrophenol	27	U	50	27	27
100-02-7	4-Nitrophenol	80	U	330	80	80
621-64-7	N-Nitrosodi-n-propylamine	27	U	50	27	27
86-30-6	N-Nitrosodiphenylamine	27	U	50	27	21
87-86-5	Pentachlorophenol	80	U	150	80	80
85-01-8	Phenanthrene	15		6.7	3.3	3.3
108-95-2	Phenol	27	U	50	27	27
129-00-0	Pyrene	13		6.7	3.3	3.3
120-82-1	1,2,4-Trichlorobenzene	27	U	50	27	27
95-95-4	2,4,5-Trichlorophenol	27	U	150	27	25
88-06-2	2,4,6-Trichlorophenol	80	U	150	80	80

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: 068SS-0005M-0001-SO | Lab Sample ID: 240-17317-14

Matrix: Solid | Lab File ID: 21129008.D

Analysis Method: 8270C/DoD | Date Collected: 11/06/2012 13:50

Extract. Method: 3540C | Date Extracted: 11/16/2012 13:26

Sample wt/vol: 30.01(g) | Date Analyzed: 11/29/2012 10:52

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66702 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	60		45-105
367-12-4	2-Fluorophenol (Surr)	60		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	60		35-100
1718-51-0	Terphenyl-d14 (Surr)	64		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	63		35-125
4165-62-2	Phenol-d5 (Surr)	64		40-100

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129008.D
Lims ID: 240-17317-A-14-D Client ID: 068SS-0005M-0001-SO
Inject. Date: 29-Nov-2012 10:52:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0015370-008
Misc. Info.: 240-17317-A-14-D =240-17317-A-14-D
Operator: 001574 Instrument ID: A4HP9
Injection Vol: 1.0 ul ALS Bottle#: 8
Lims Batch ID: 66702 Lims Sample ID: 8
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121129-15370.b\8270 _9.m
Last Update: 29-Nov-2012 12:55:48 Calib Date: 28-Nov-2012 18:11:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121128-15348.b\21127110.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: 5% phenyl Column Dia: 0.18 mm
Process Host: XAWRK030

First Level Reviewer: ulmanm Date: 29-Nov-2012 11:34:29

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.906	5.907	-0.001	88	64663	4.00	
* 2 Naphthalene-d8	136	7.012	7.013	-0.001	98	273887	4.00	
* 3 Acenaphthene-d10	164	8.502	8.503	-0.001	67	164297	4.00	
* 4 Phenanthrene-d10	188	9.763	9.764	-0.001	97	274902	4.00	
* 5 Chrysene-d12	240	12.301	12.307	-0.006	79	268547	4.00	
* 6 Perylene-d12	264	14.368	14.374	-0.006	96	237666	4.00	
$ 7 2-Fluorophenol	112	4.699	4.662	0.037	93	235060	9.03	
$ 8 Phenol-d5	99	5.554	5.544	0.010	0	343830	9.53	
$ 9 Nitrobenzene-d5	82	6.387	6.388	-0.001	83	231947	6.02	
$ 10 2-Fluorobiphenyl (Surr)	172	7.920	7.921	-0.001	99	297544	5.96	
$ 11 2,4,6-Tribromophenol	330	9.165	9.171	-0.006	79	55929	9.45	
$ 12 Terphenyl-d14	244	11.115	11.121	-0.006	98	343171	6.44	
43 Phenol	94		5.560					9
69 Bis(2-chloroethyl)ether	93		5.656					
46 2-Chlorophenol	128		5.709					9
47 1,3-Dichlorobenzene	146		5.853					9
48 1,4-Dichlorobenzene	146		5.918					9
49 Benzyl alcohol	108	6.018	6.014	0.004	52	3621	0.2059	
50 1,2-Dichlorobenzene	146		6.056					9
51 2-Methylphenol	108		6.099					9
53 2,2'-oxybis[1-chloropropane]	45		6.137					9
21 3 & 4 Methylphenol	108	6.232	6.233	-0.001	52	5037	0.1851	
57 N-Nitrosodi-n-propylamine	70		6.243					9
61 Hexachloroethane	117		6.356					9
62 Nitrobenzene	77		6.404					
64 Isophorone	82	6.606	6.607	-0.001	75	12146	0.1706	
66 2-Nitrophenol	139		6.676					9
65 2,4-Dimethylphenol	107		6.697					9
71 Benzoic acid	122		6.756					9
70 Bis(2-chloroethoxy)methane	93		6.783					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
73 2,4-Dichlorophenol	162		6.879					9
74 1,2,4-Trichlorobenzene	180		6.959					9
75 Naphthalene	128	7.033	7.034	-0.001	55	12033	0.1745	
76 4-Chloroaniline	127		7.066					9
79 Hexachlorobutadiene	225		7.130					9
86 4-Chloro-3-methylphenol	107		7.456					9
87 2-Methylnaphthalene	142	7.616	7.622	-0.006	73	8920	0.1951	
89 Hexachlorocyclopentadiene	237		7.750					
92 2,4,6-Trichlorophenol	196		7.846					9
93 2,4,5-Trichlorophenol	196		7.878					9
100 2-Chloronaphthalene	162		8.033					9
102 2-Nitroaniline	65		8.108					
105 Dimethyl phthalate	163	8.246	8.247	-0.001	63	7199	0.1420	
107 2,6-Dinitrotoluene	165		8.305					9
109 Acenaphthylene	152	8.385	8.391	-0.006	60	6798	0.1014	
110 3-Nitroaniline	138		8.450					
111 2,4-Dinitrophenol	184		8.535					
112 Acenaphthene	153	8.529	8.535	-0.006	62	4040	0.0933	
113 4-Nitrophenol	109		8.567					
114 2,4-Dinitrotoluene	165		8.647					9
116 Dibenzofuran	168	8.679	8.679	0.0	52	7779	0.1268	
121 Diethyl phthalate	149	8.834	8.840	-0.006	73	12449	0.2511	
123 4-Chlorophenyl phenyl ether	204		8.957					9
125 4-Nitroaniline	138		8.968					9
126 Fluorene	166	8.967	8.968	-0.001	48	6449	0.1236	
128 4,6-Dinitro-2-methylphenol	198		8.989					
131 N-Nitrosodiphenylamine	169		9.048					9
139 4-Bromophenyl phenyl ether	248		9.374					9
141 Hexachlorobenzene	284		9.433					9
143 Pentachlorophenol	266		9.593					9
148 Phenanthrene	178	9.779	9.785	-0.006	65	17068	0.2213	
149 Anthracene	178	9.827	9.828	-0.001	70	10133	0.1345	
151 Carbazole	167		9.951					
154 Di-n-butyl phthalate	149	10.212	10.213	-0.001	85	24573	0.2954	
159 Fluoranthene	202	10.794	10.795	-0.001	86	17841	0.2083	
161 Pyrene	202	10.997	11.003	-0.006	91	17824	0.1950	
168 Butyl benzyl phthalate	149		11.596					9
175 3,3'-Dichlorobenzidine	252		12.243					
173 Bis(2-ethylhexyl) phthalate	149	12.269	12.269	0.0	83	25008	0.4832	
177 Benzo[a]anthracene	228	12.290	12.296	-0.006	34	12271	0.1535	
178 Chrysene	228	12.338	12.344	-0.006	56	15535	0.2085	
180 Di-n-octyl phthalate	149		13.177					9
182 Benzo[b]fluoranthene	252	13.786	13.797	-0.011	68	15253	0.1960	
183 Benzo[k]fluoranthene	252	13.834	13.835	-0.001	1	12654	0.1535	M
184 Benzo[a]pyrene	252	14.283	14.294	-0.011	37	10954	0.1496	
188 Indeno[1,2,3-cd]pyrene	276	16.024	16.030	-0.006	60	12188	0.1477	M
189 Dibenz(a,h)anthracene	278		16.057					9
190 Benzo[g,h,i]perylene	276	16.451	16.474	-0.023	60	12731	0.1819	

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

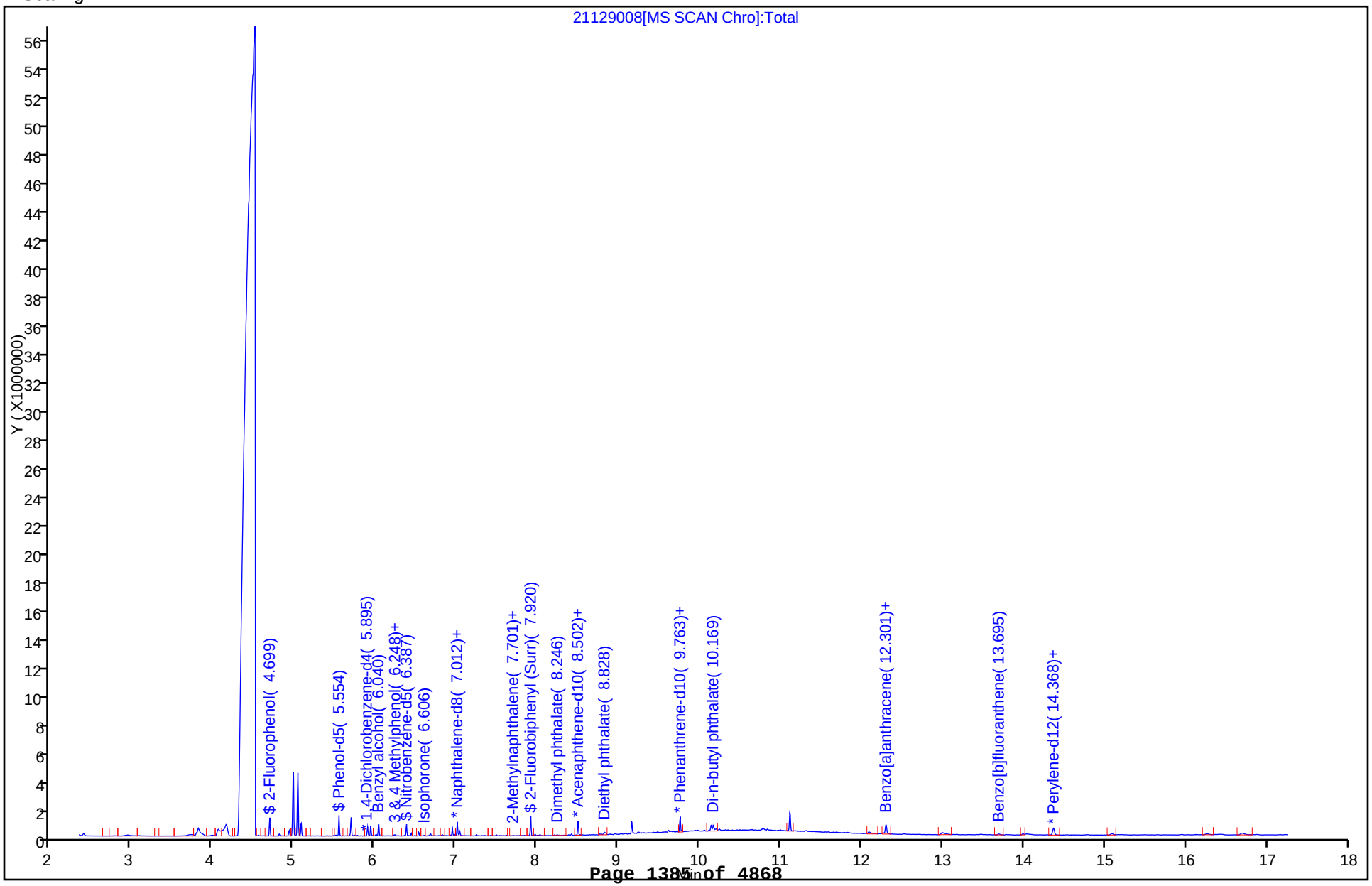
Review Flags
M - Manually Integrated

Report Date: 29-Nov-2012 12:55:54 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129008.D		
Injection Date:	29-Nov-2012 10:52:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0005M-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	66702	Lims Sample ID:	8
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



Report Date: 29-Nov-2012 12:55:54 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129008.D		
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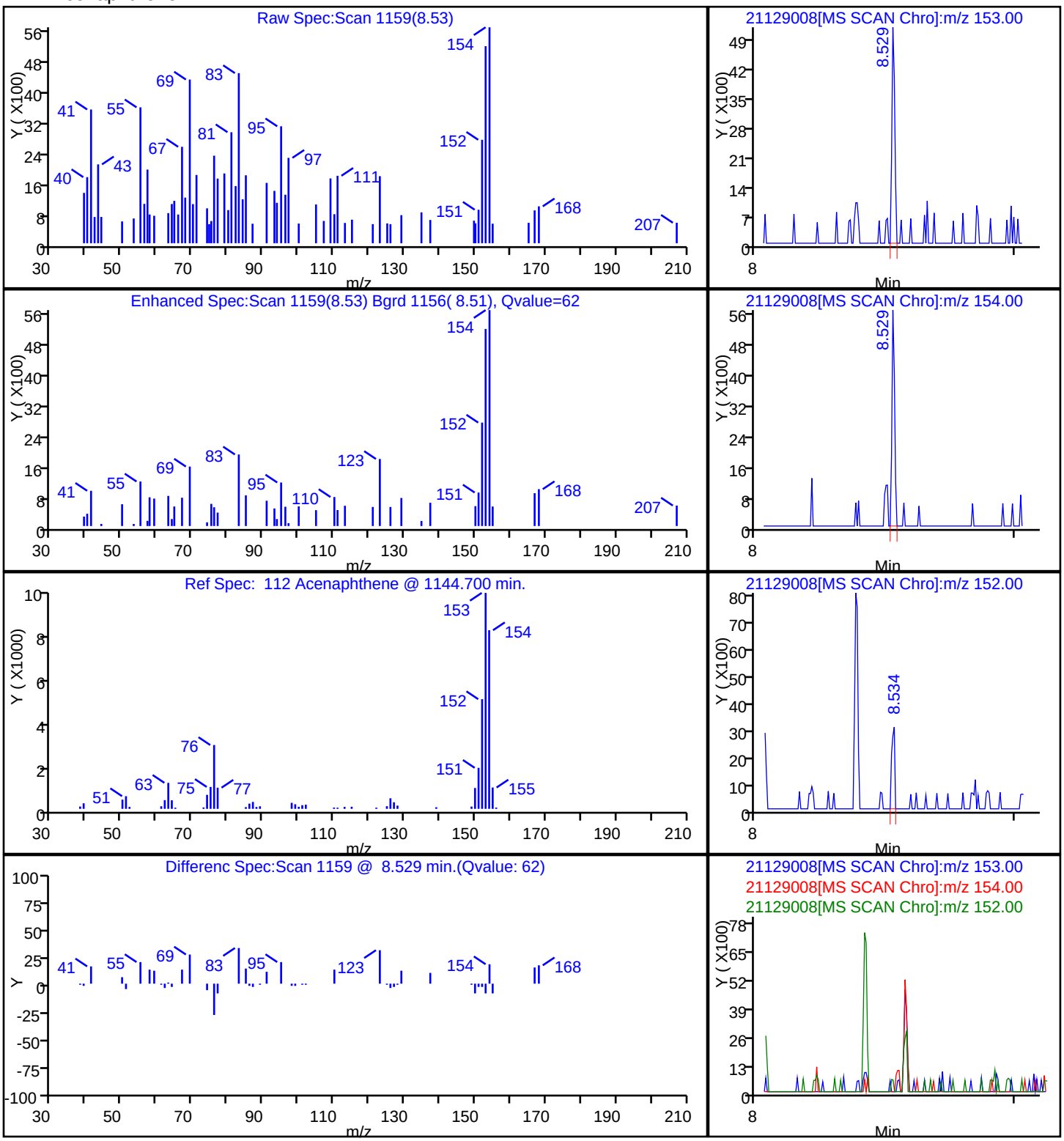
Client ID:	068SS-0005M-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	66702	Lims Sample ID:	8
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

112 Acenaphthene



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Lims Batch ID:	66702	Lims Sample ID:	8
Operator ID:	001574	Injection Vol:	1.0 ul
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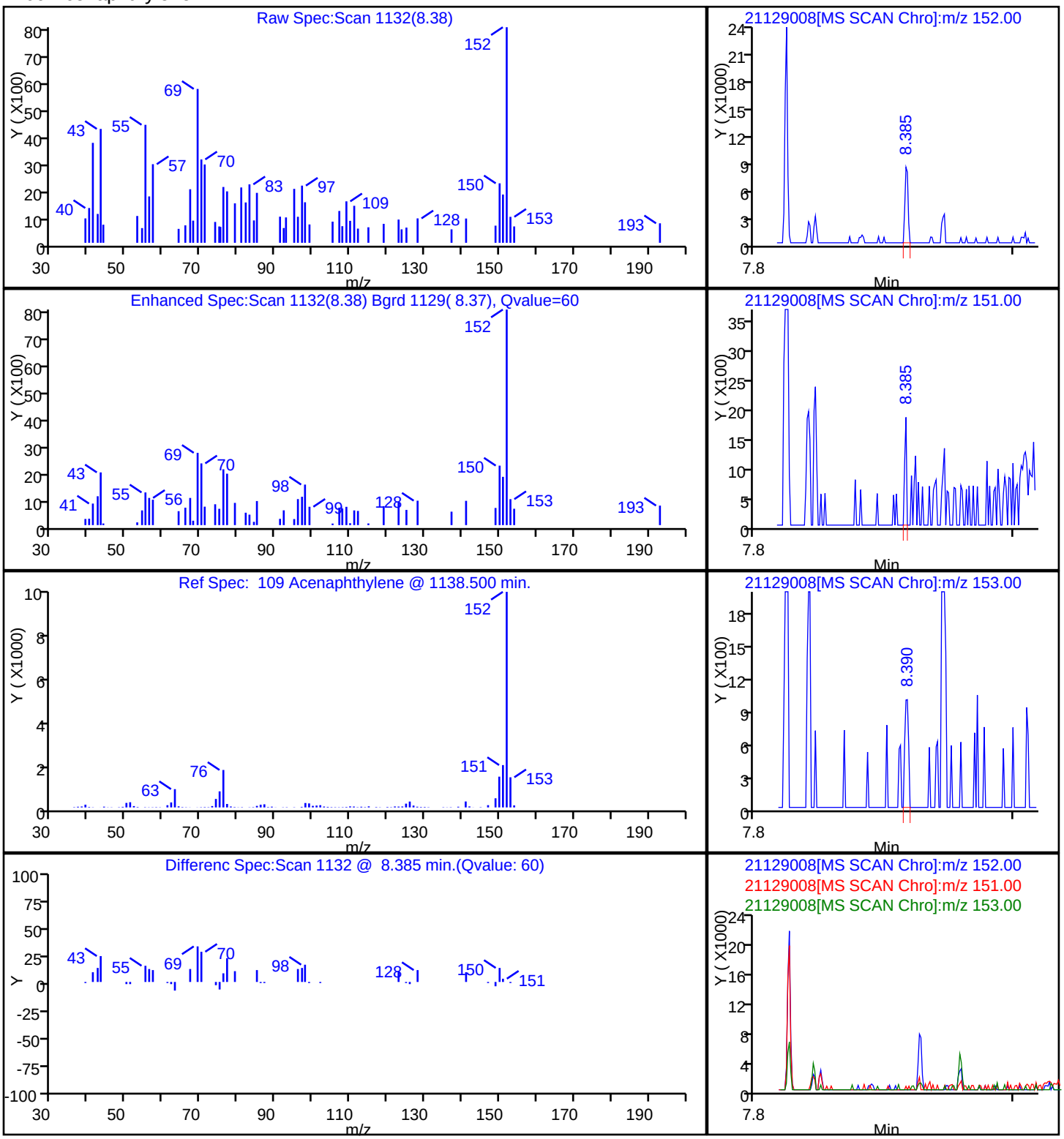
109 Acenaphthylene



Report Date: 29-Nov-2012 12:55:55 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

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Lims Batch ID:	66702	Lims Sample ID:	8
Operator ID:	001574	Injection Vol:	1.0 ul
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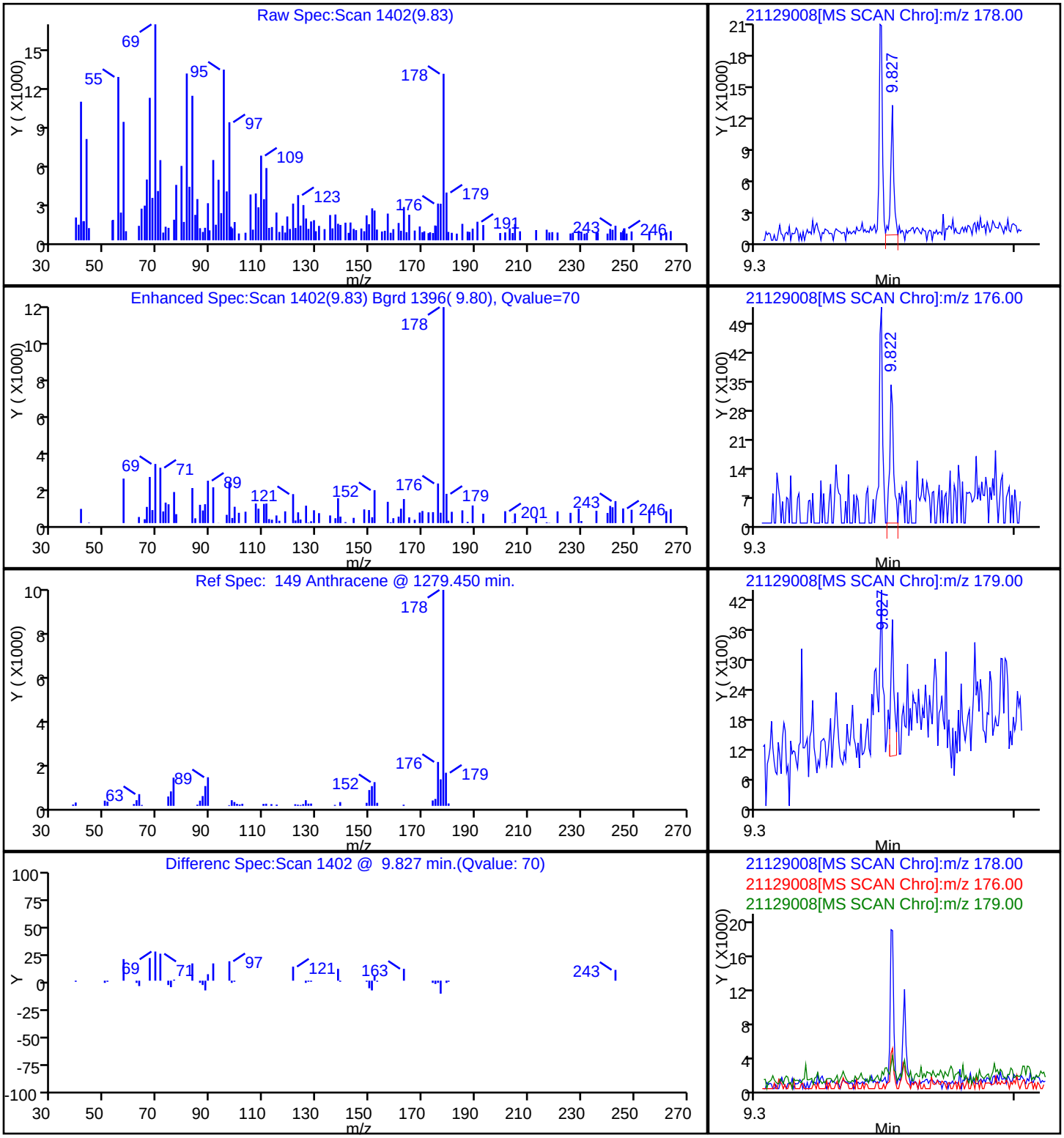
149 Anthracene



Report Date: 29-Nov-2012 12:55:55 Chrom Revision: 2.0 27-Nov-2012 13:14:12

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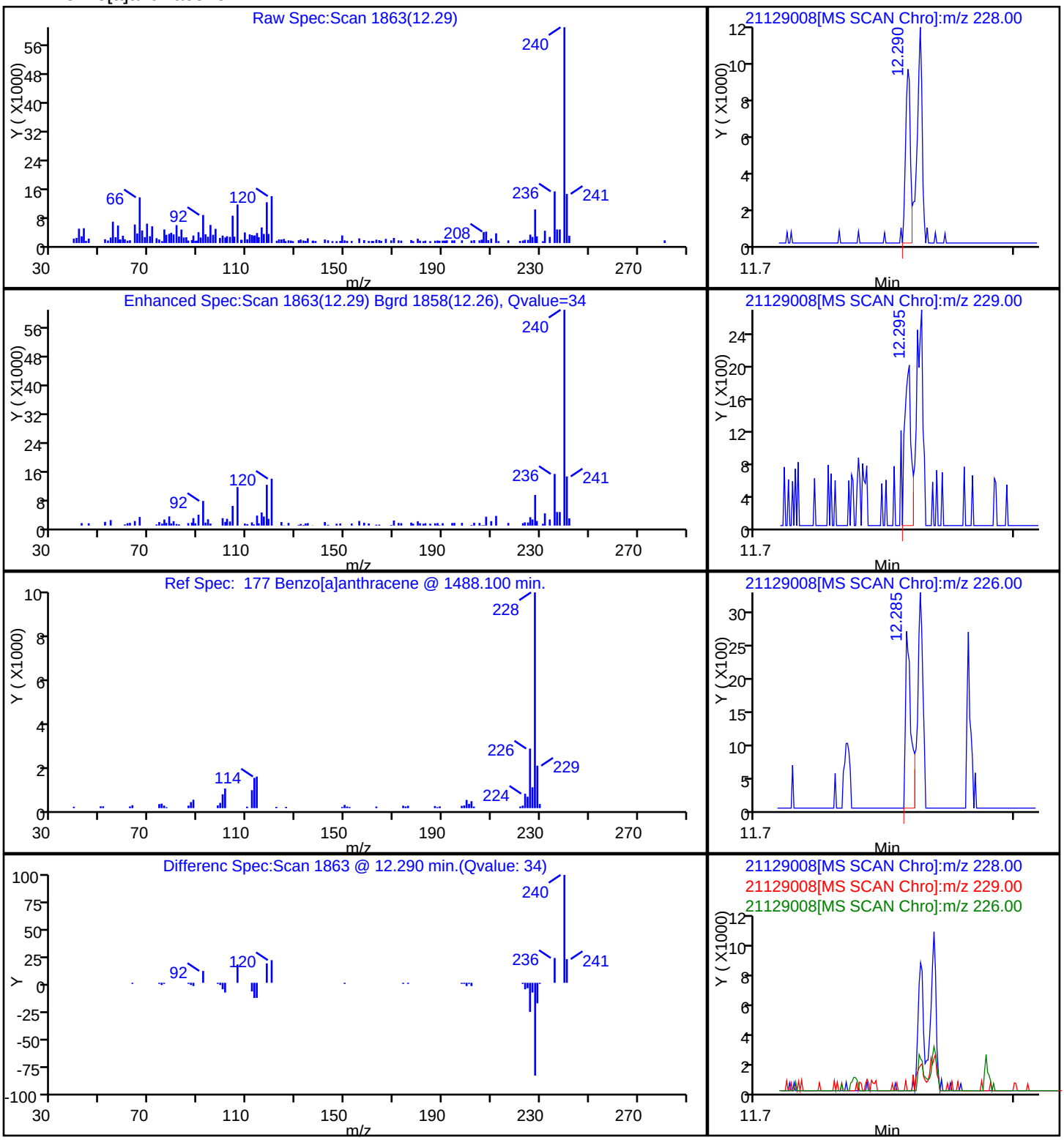
Lims Batch ID:	66702	Lims Sample ID:	8
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

177 Benzo[a]anthracene



Report Date: 29-Nov-2012 12:55:55 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

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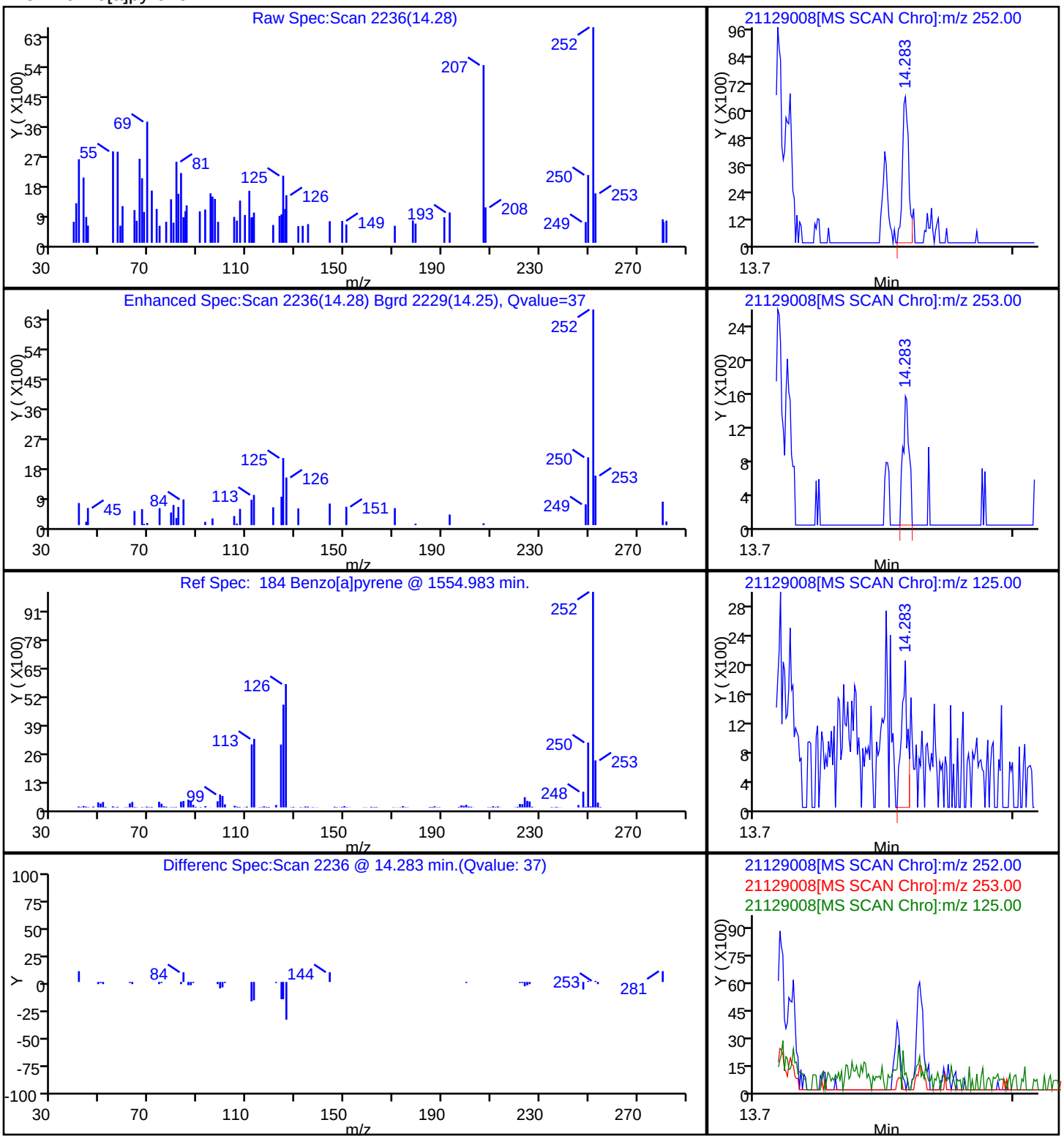
Lims Batch ID:	66702	Lims Sample ID:	8
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

184 Benzo[a]pyrene



Report Date: 29-Nov-2012 12:55:55 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

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Lims Batch ID:	66702	Lims Sample ID:	8
Operator ID:	001574	Injection Vol:	1.0 ul
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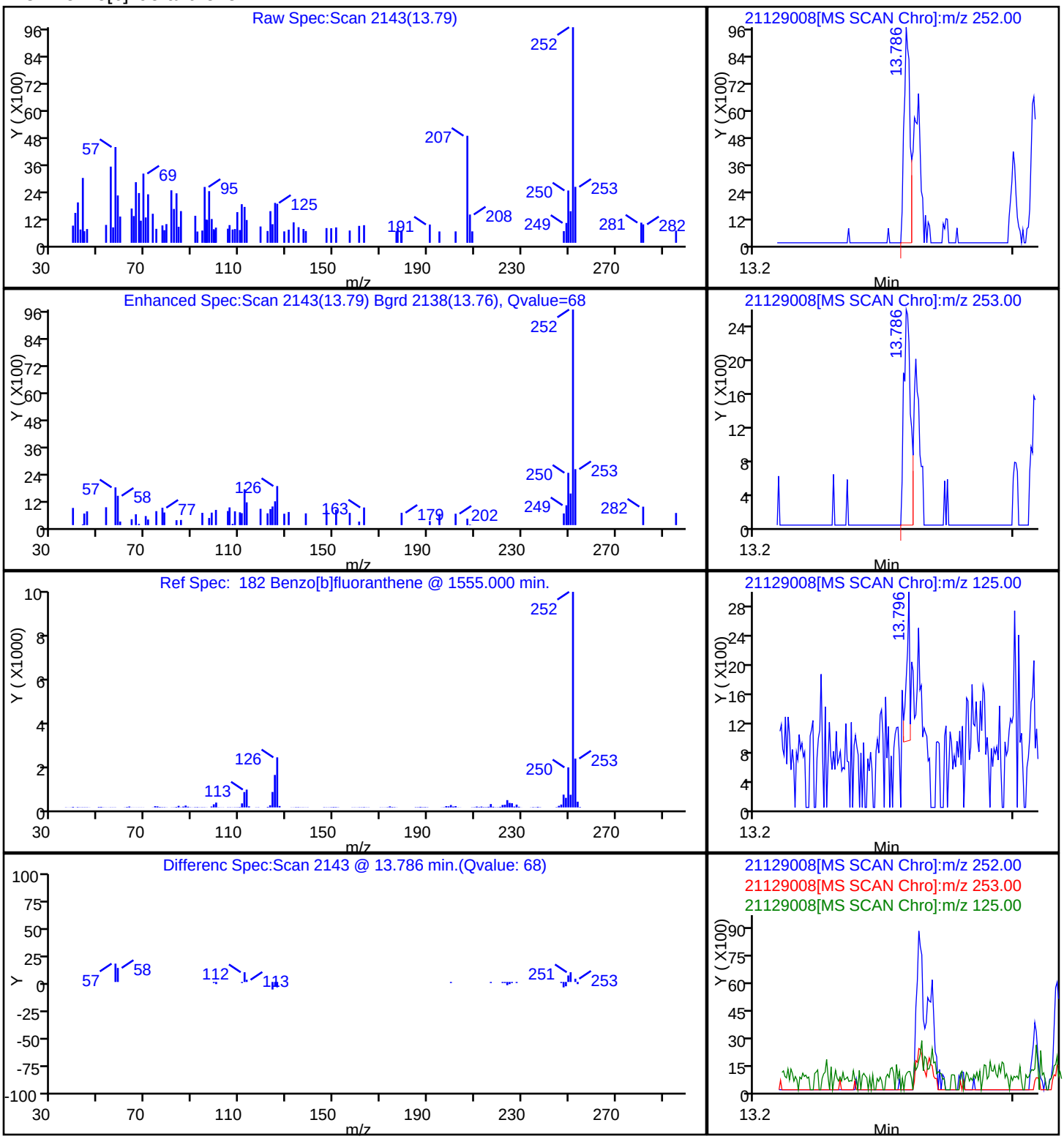
182 Benzo[b]fluoranthene



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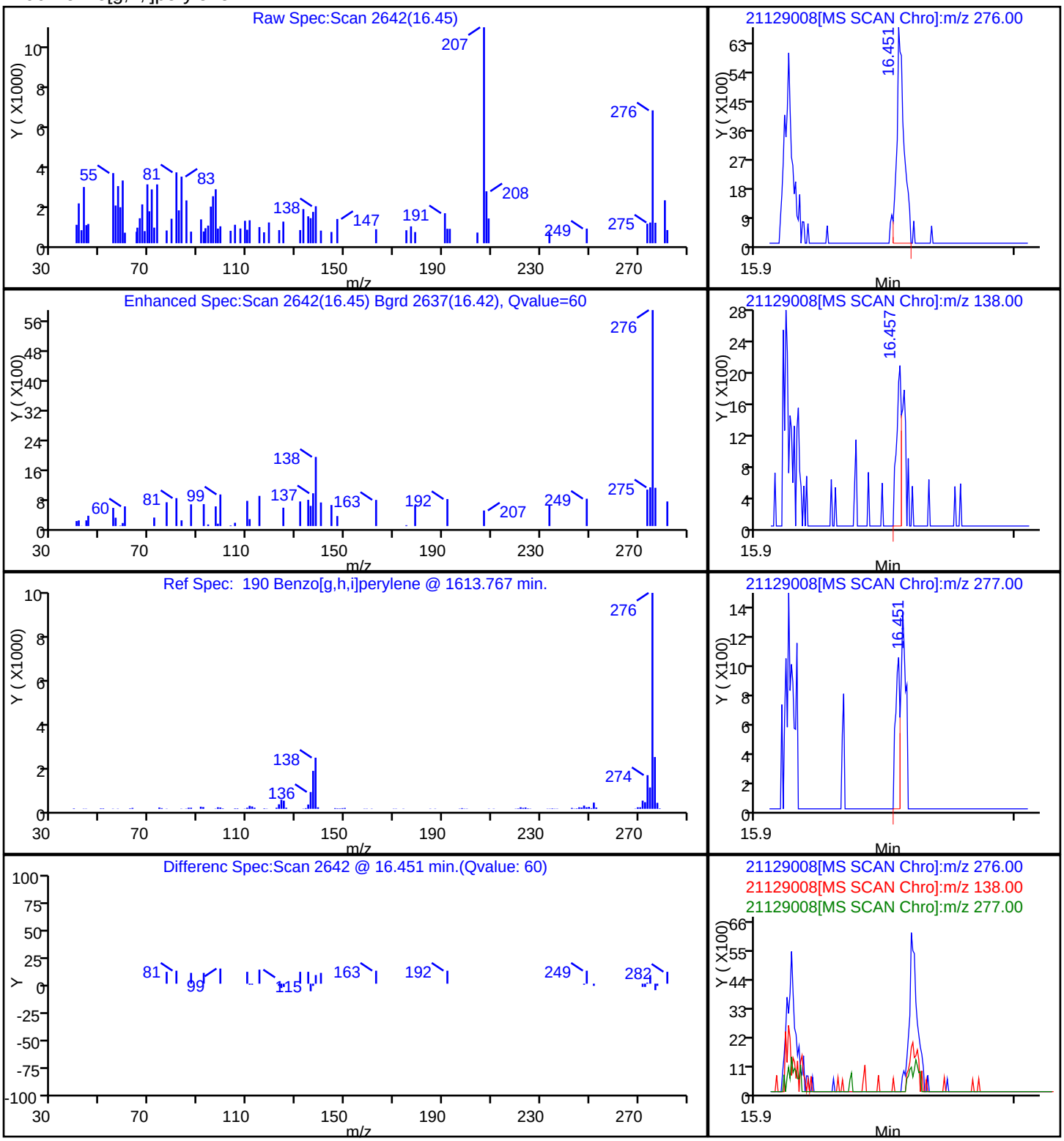
Lims Batch ID:	66702	Lims Sample ID:	8
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

190 Benzo[g,h,i]perylene



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TestAmerica Canton

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Lims Batch ID:	66702	Lims Sample ID:	8
Operator ID:	001574	Injection Vol:	1.0 ul
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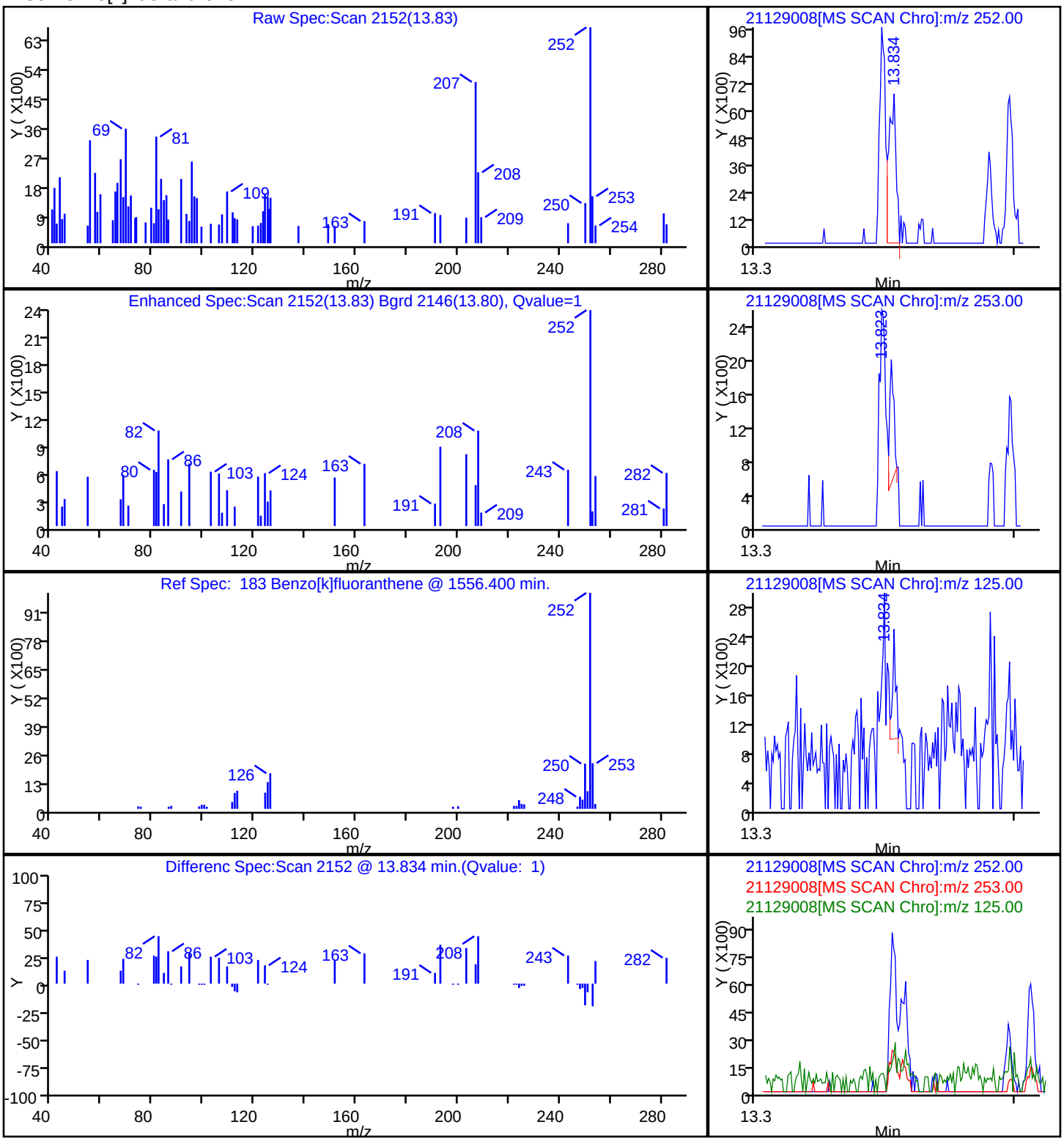
183 Benzo[k]fluoranthene



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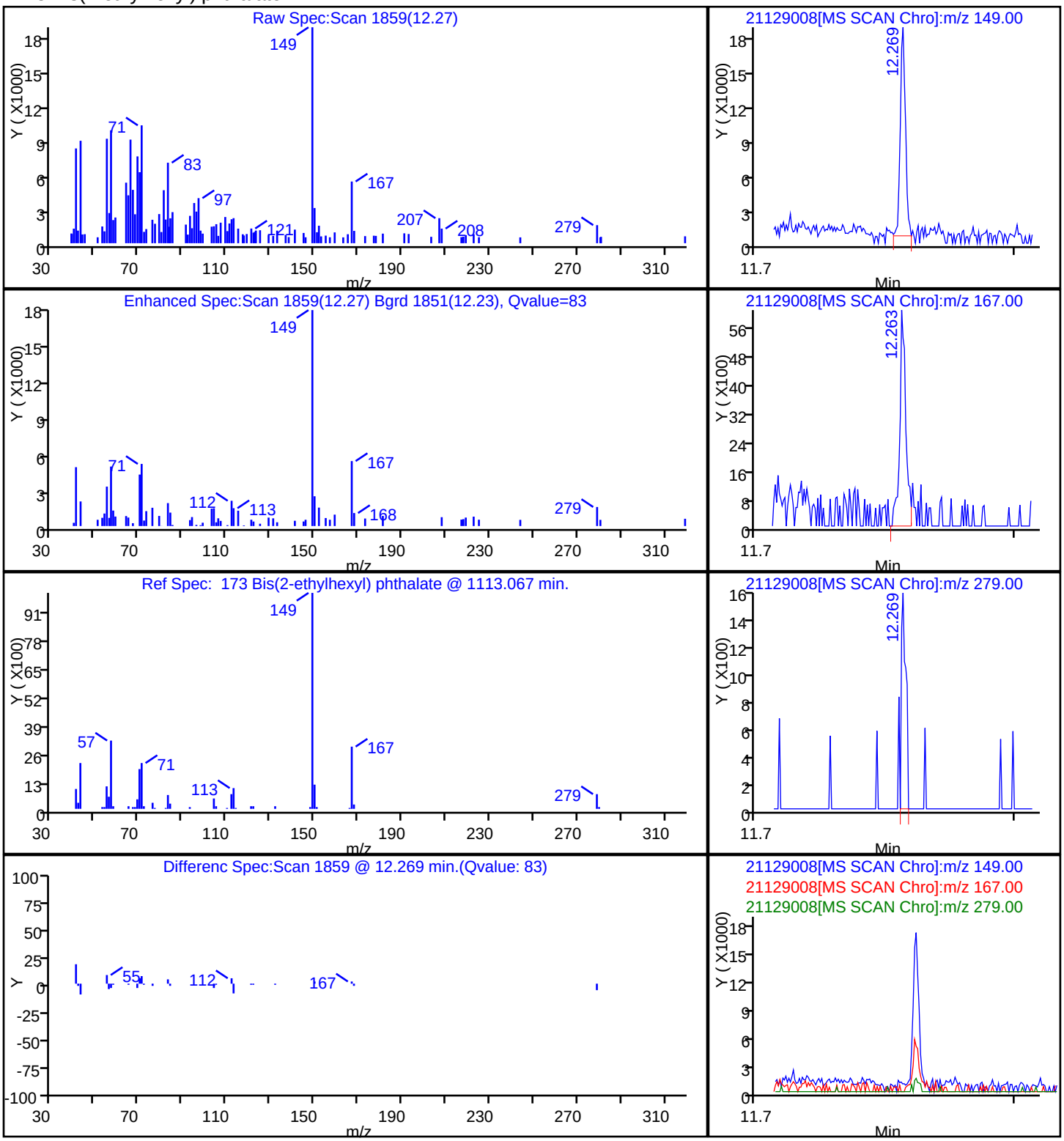
Lims Batch ID:	66702	Lims Sample ID:	8
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

173 Bis(2-ethylhexyl) phthalate



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TestAmerica Canton

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Lims Batch ID:	66702	Lims Sample ID:	8
Operator ID:	001574	Injection Vol:	1.0 ul
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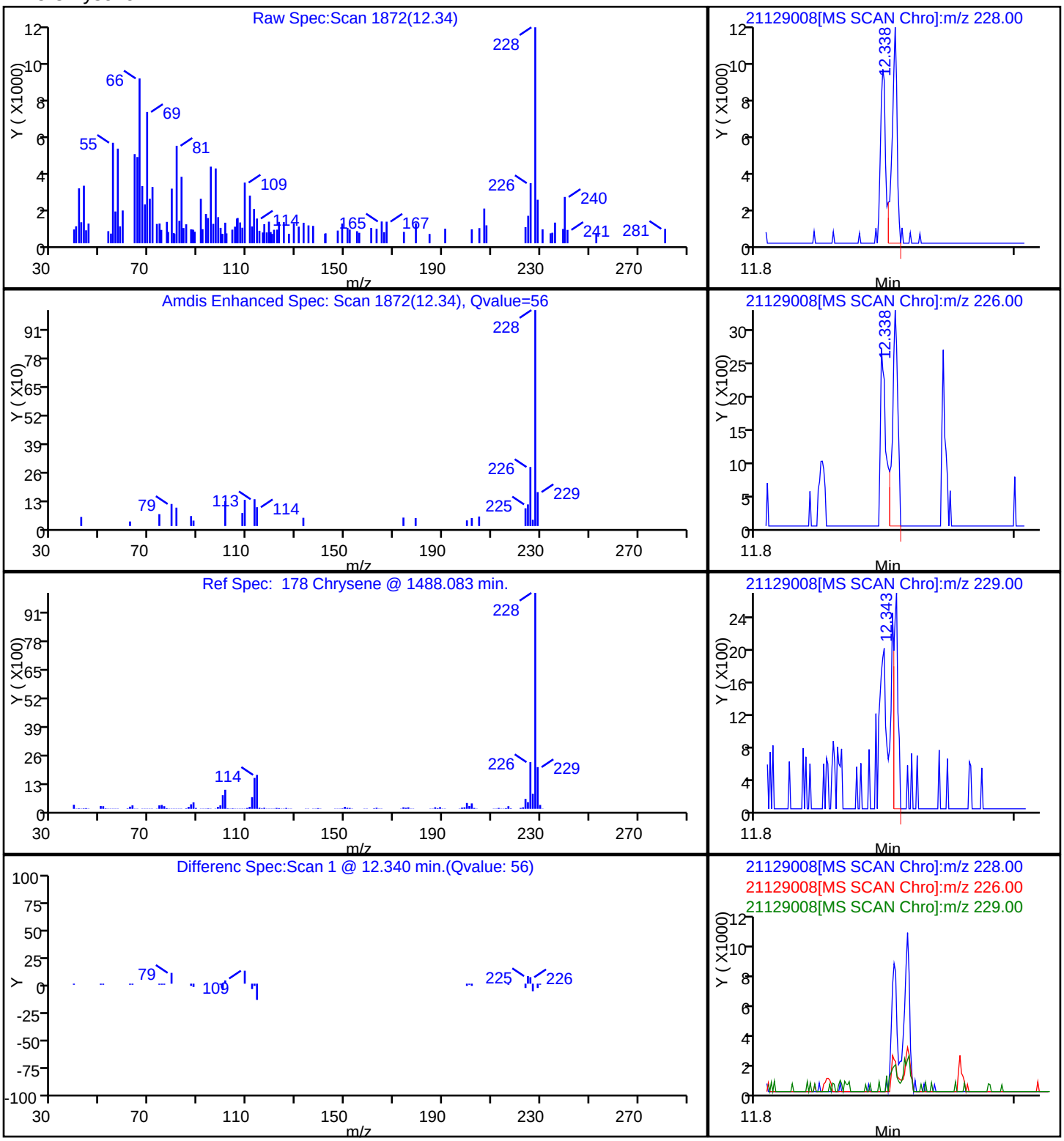
178 Chrysene



Report Date: 29-Nov-2012 12:55:55 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

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Injection Date:	29-Nov-2012 10:52:30	Limit Group:	MSS 8270 DOD ICAL
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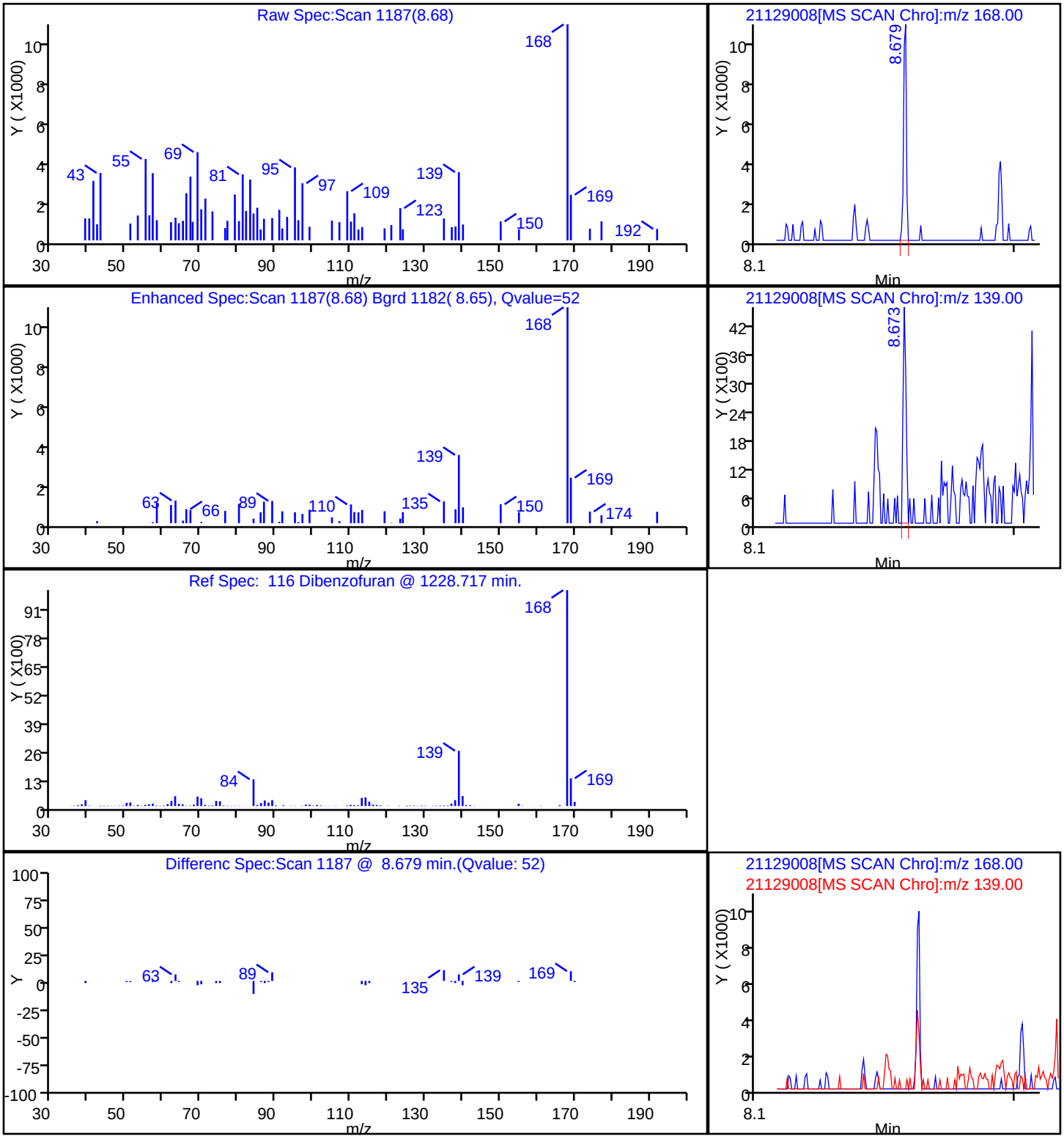
Lims Batch ID:	66702	Lims Sample ID:	8
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

116 Dibenzofuran



Report Date: 29-Nov-2012 12:55:55 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

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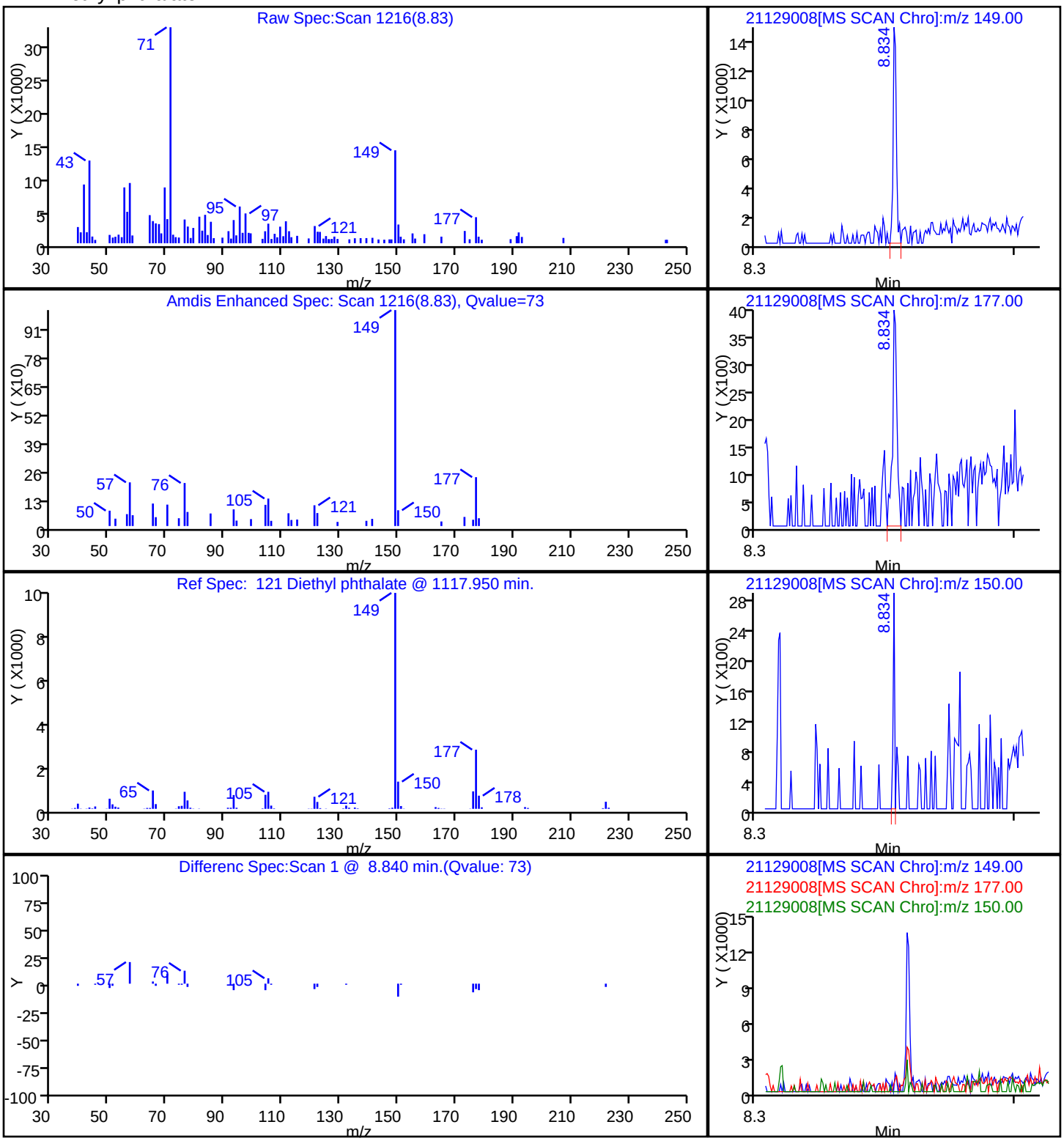
Lims Batch ID:	66702	Lims Sample ID:	8
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

121 Diethyl phthalate



Report Date: 29-Nov-2012 12:55:55 Chrom Revision: 2.0 27-Nov-2012 13:14:12

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Lims Batch ID:	66702	Lims Sample ID:	8
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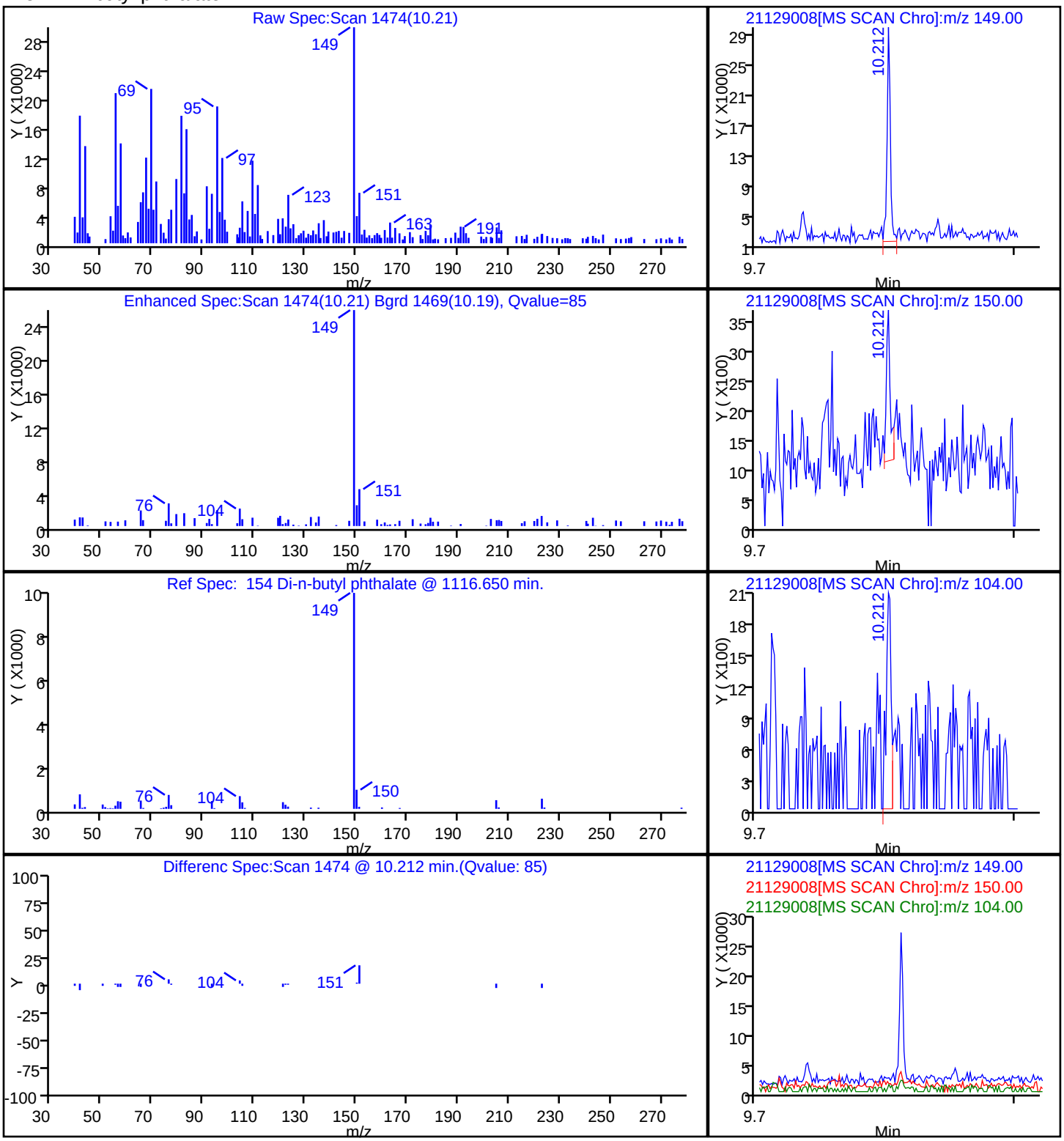
Column Type:	5% phenyl	Column Dia:	0.18 mm

154 Di-n-butyl phthalate



Report Date: 29-Nov-2012 12:55:55 Chrom Revision: 2.0 27-Nov-2012 13:14:12

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Lims Batch ID:	66702	Lims Sample ID:	8
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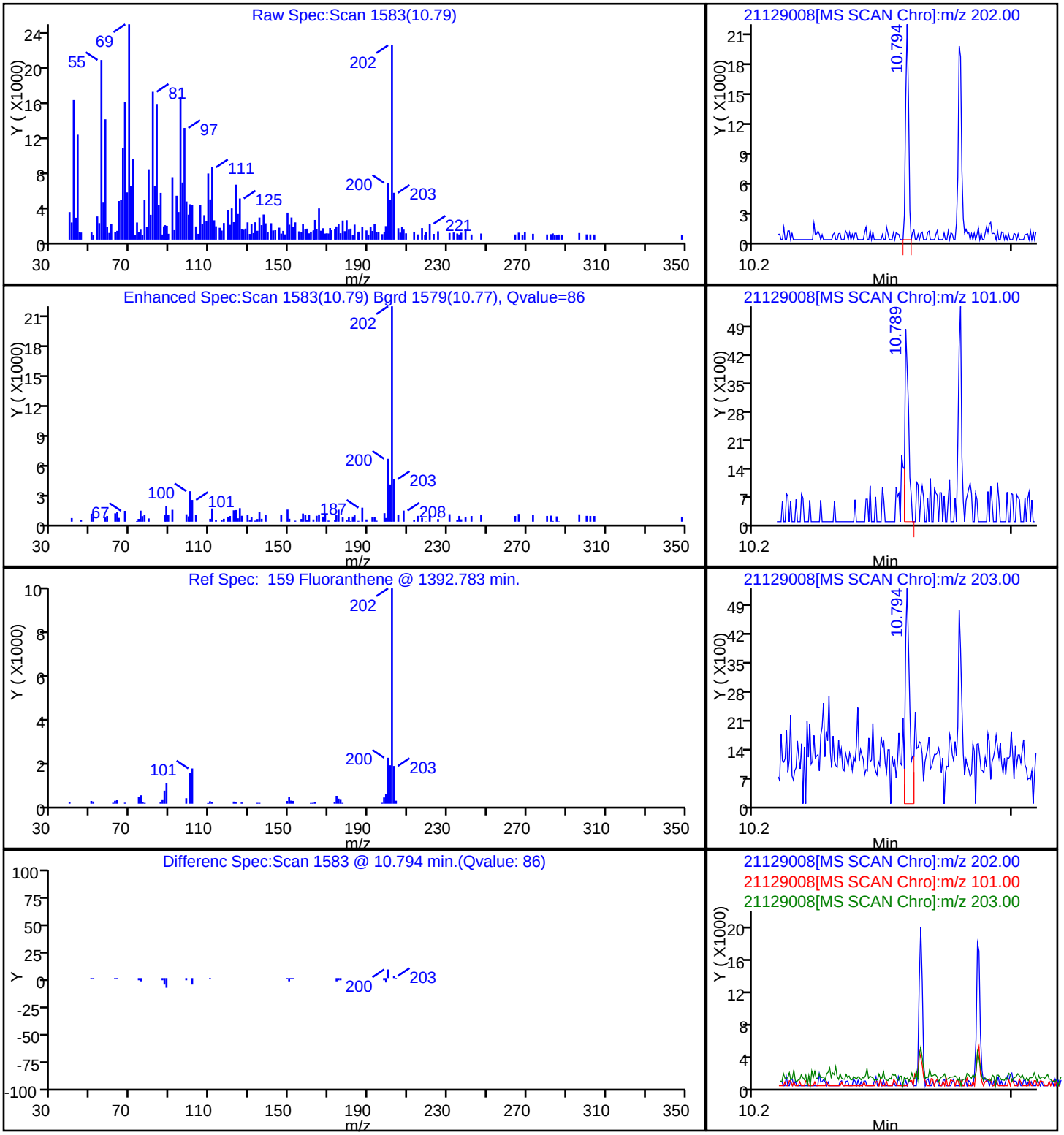
159 Fluoranthene



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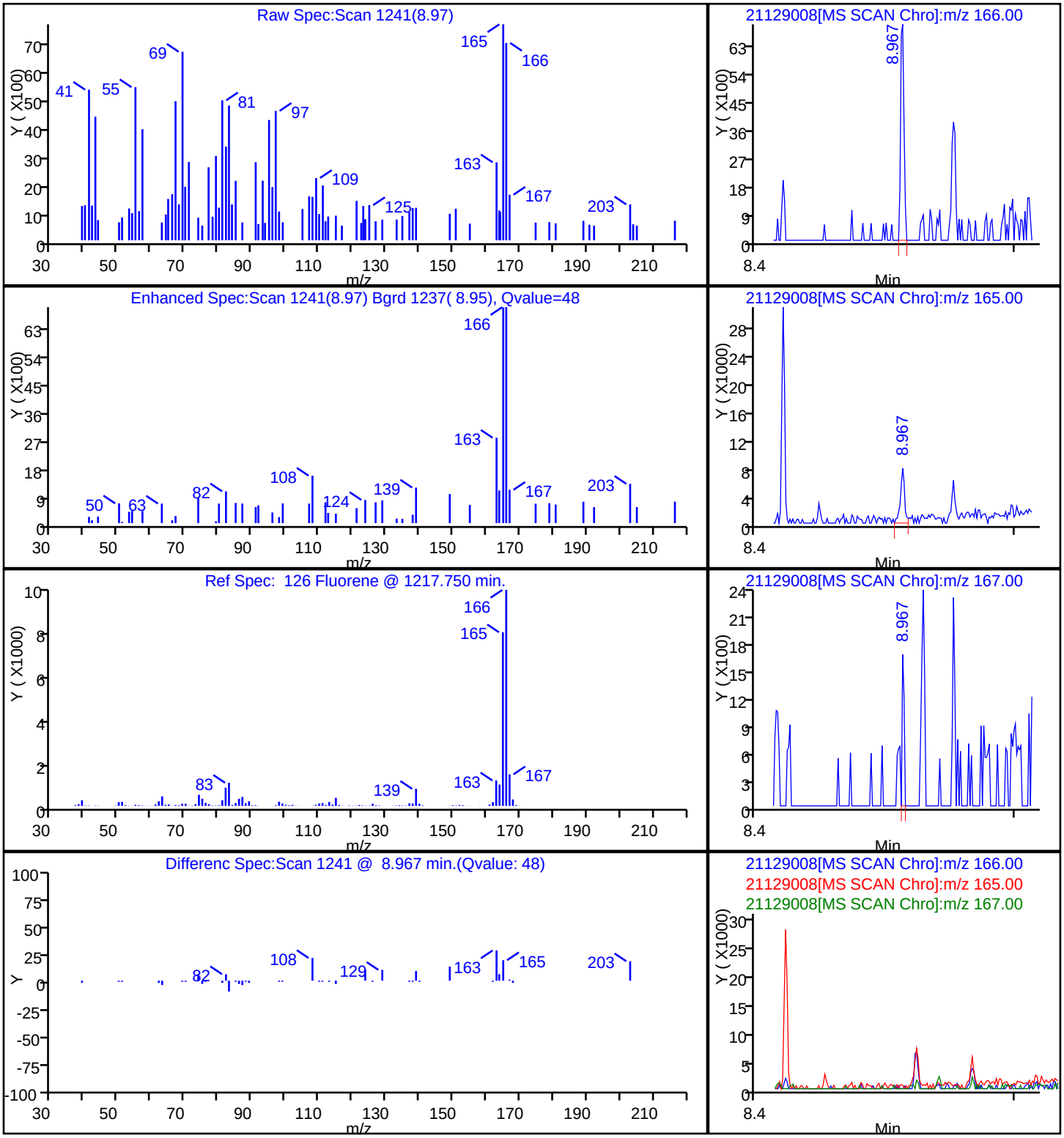
Lims Batch ID:	66702	Lims Sample ID:	8
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

126 Fluorene



Report Date: 29-Nov-2012 12:55:55 Chrom Revision: 2.0 27-Nov-2012 13:14:12

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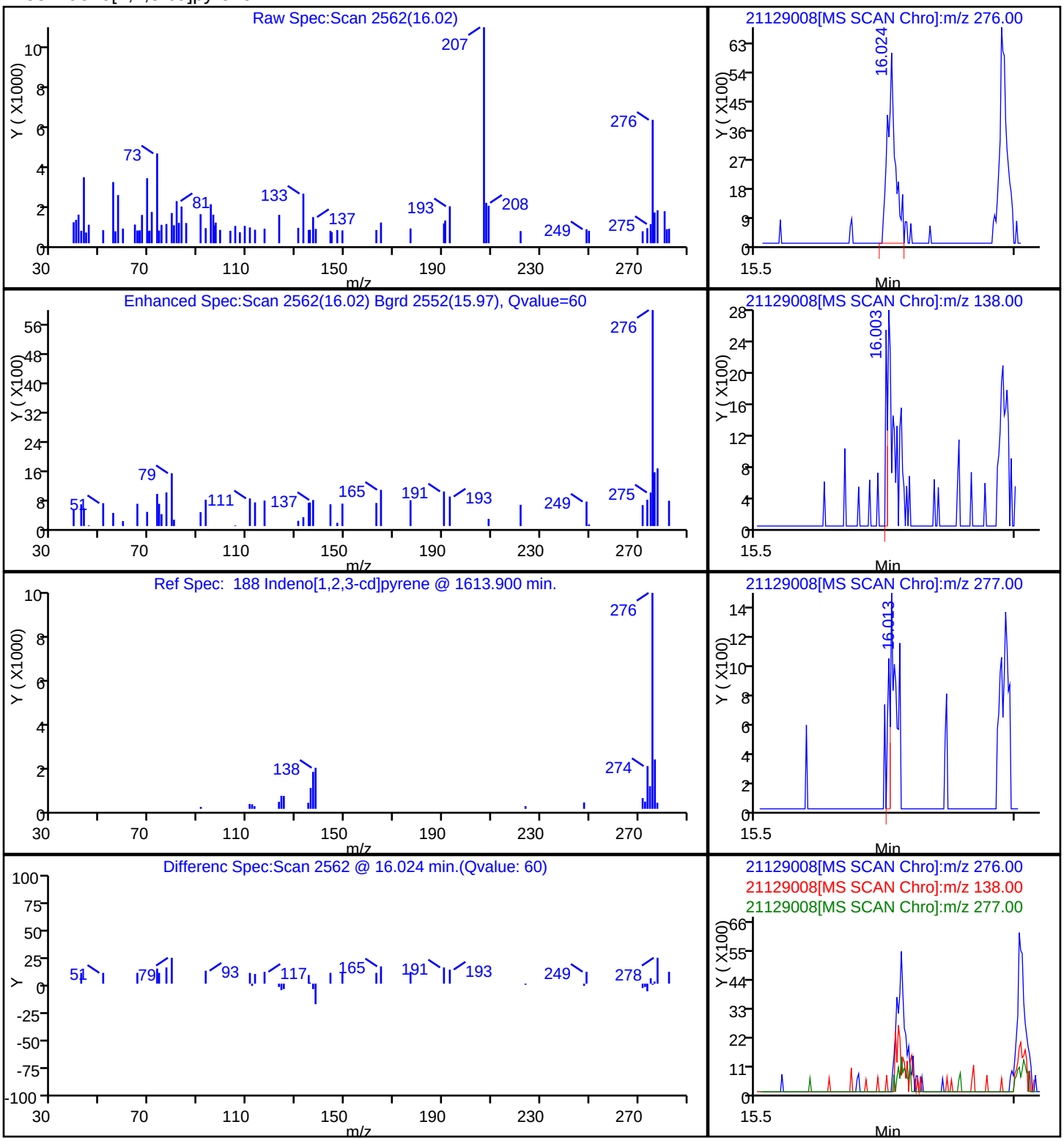
Lims Batch ID:	66702	Lims Sample ID:	8
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

188 Indeno[1,2,3-cd]pyrene



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TestAmerica Canton

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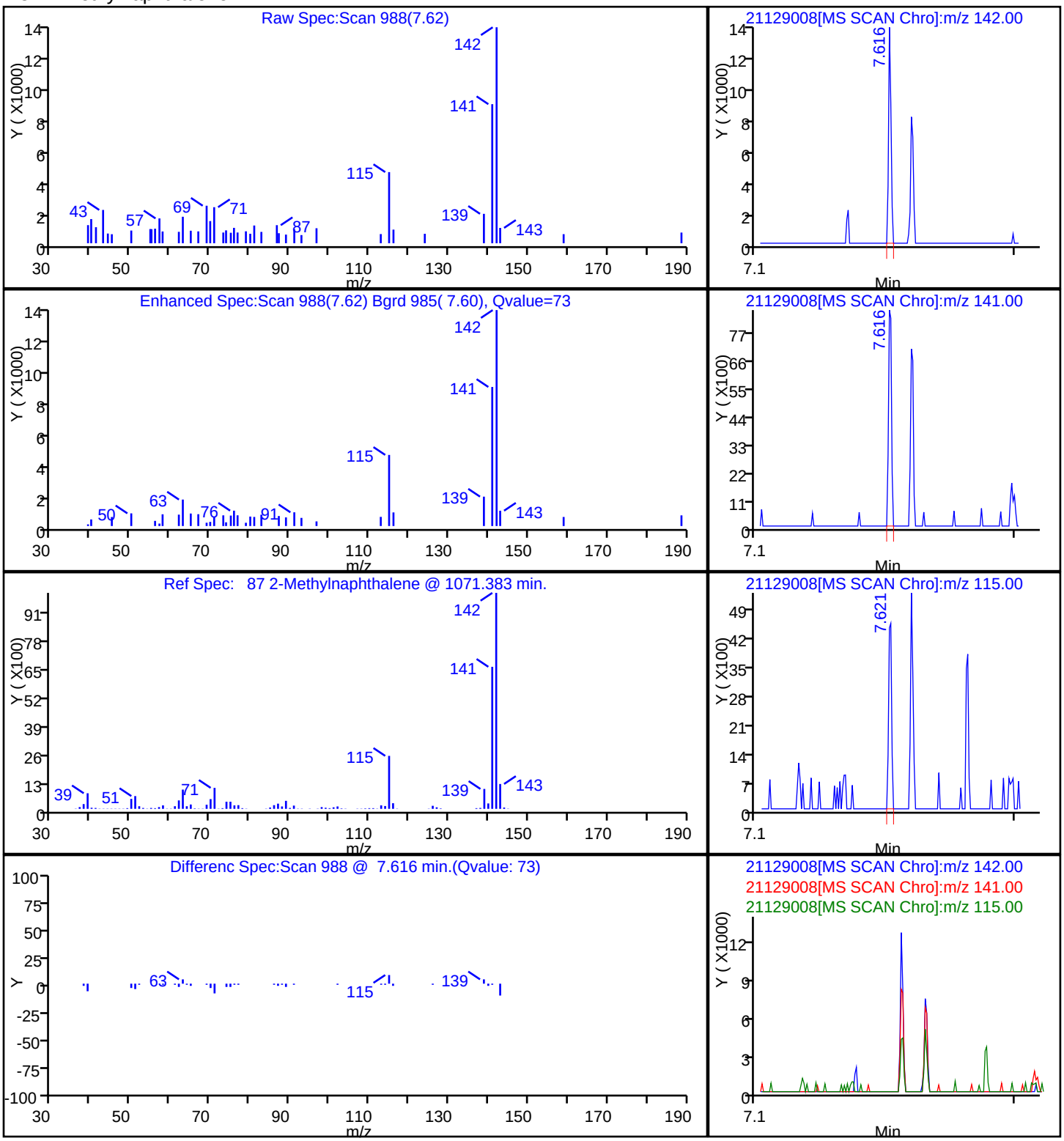
Lims Batch ID:	66702	Lims Sample ID:	8
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

87 2-Methylnaphthalene



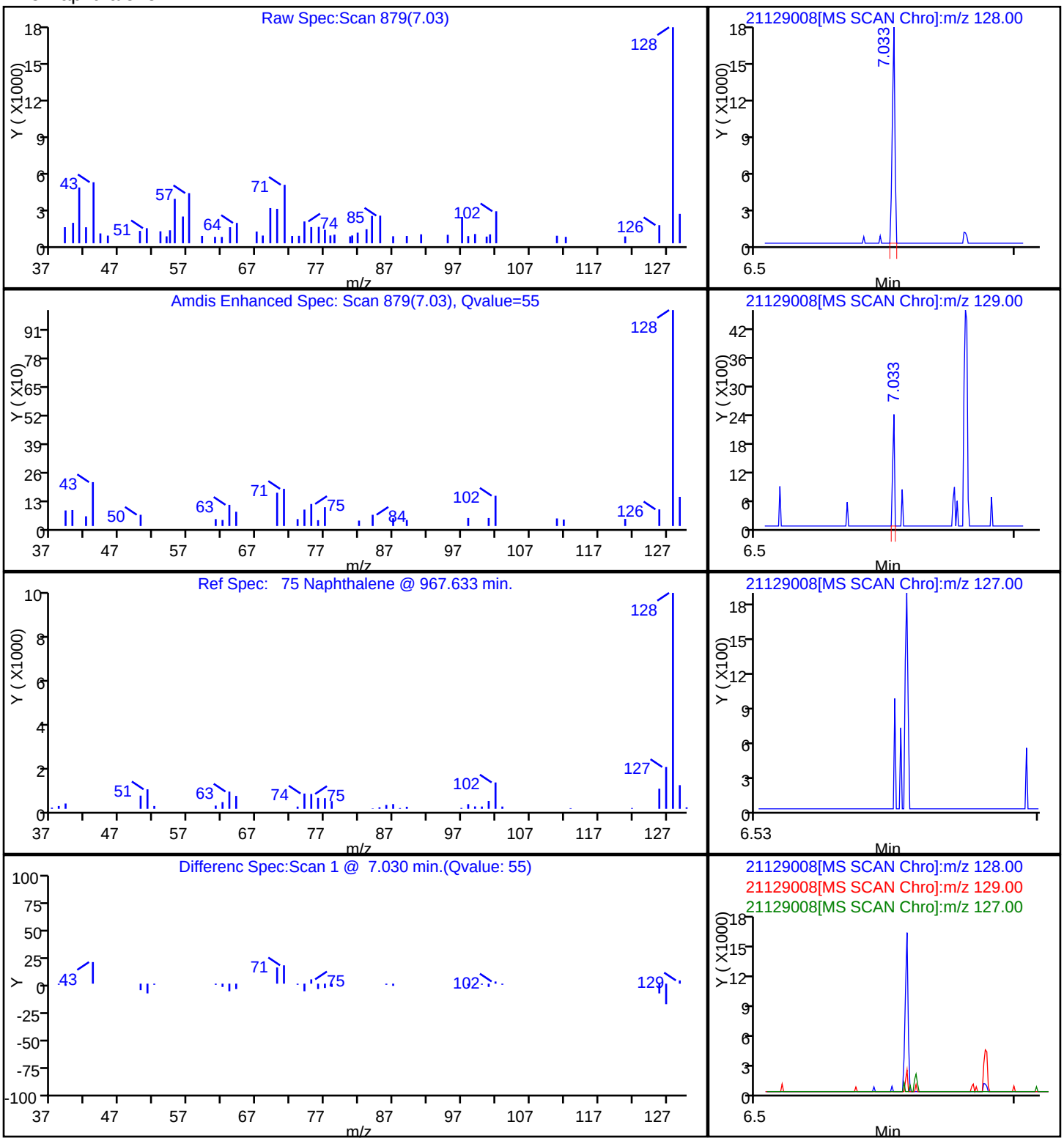
Report Date: 29-Nov-2012 12:55:54 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129008.D

Injection Date:	29-Nov-2012 10:52:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0005M-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	66702	Lims Sample ID:	8
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

75 Naphthalene

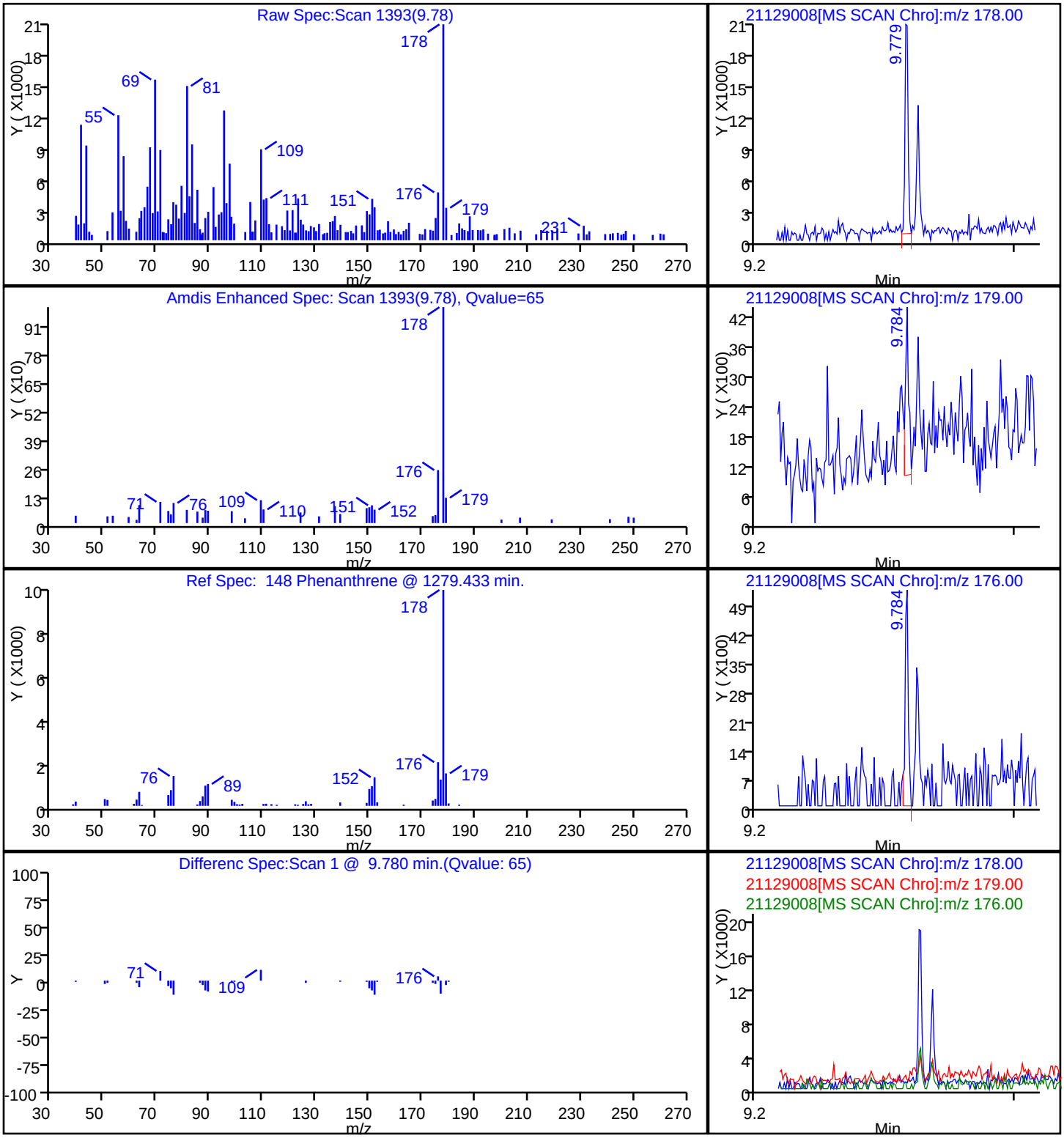


Report Date: 29-Nov-2012 12:55:55 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129008.D		
Injection Date:	29-Nov-2012 10:52:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0005M-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	66702	Lims Sample ID:	8
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

148 Phenanthrene

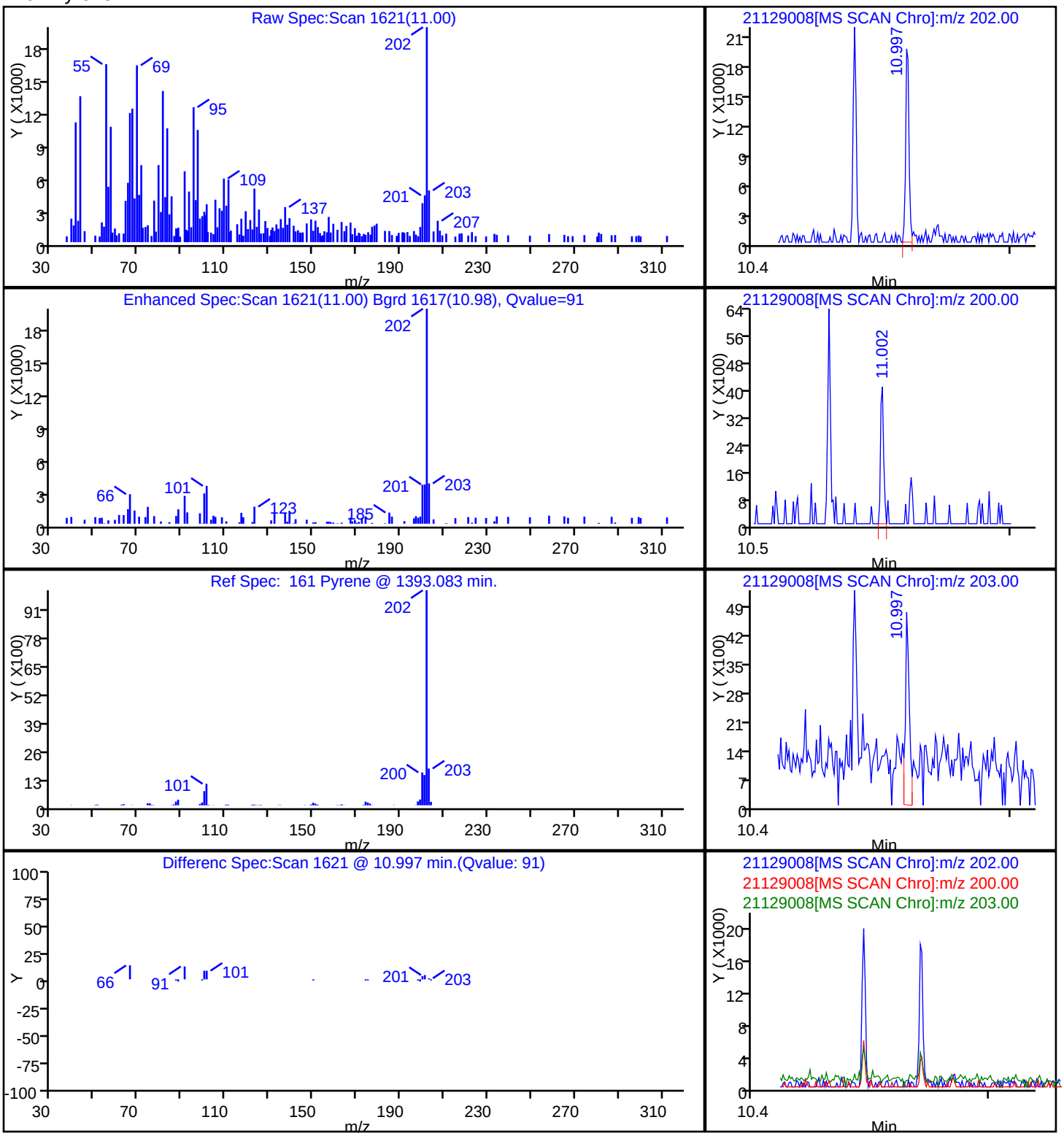


Report Date: 29-Nov-2012 12:55:55 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129008.D		
Injection Date:	29-Nov-2012 10:52:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0005M-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	66702	Lims Sample ID:	8
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

161 Pyrene



Report Date: 29-Nov-2012 12:55:55 Chrom Revision: 2.0 27-Nov-2012 13:14:12

Manual Integration/User Assign Peak Report

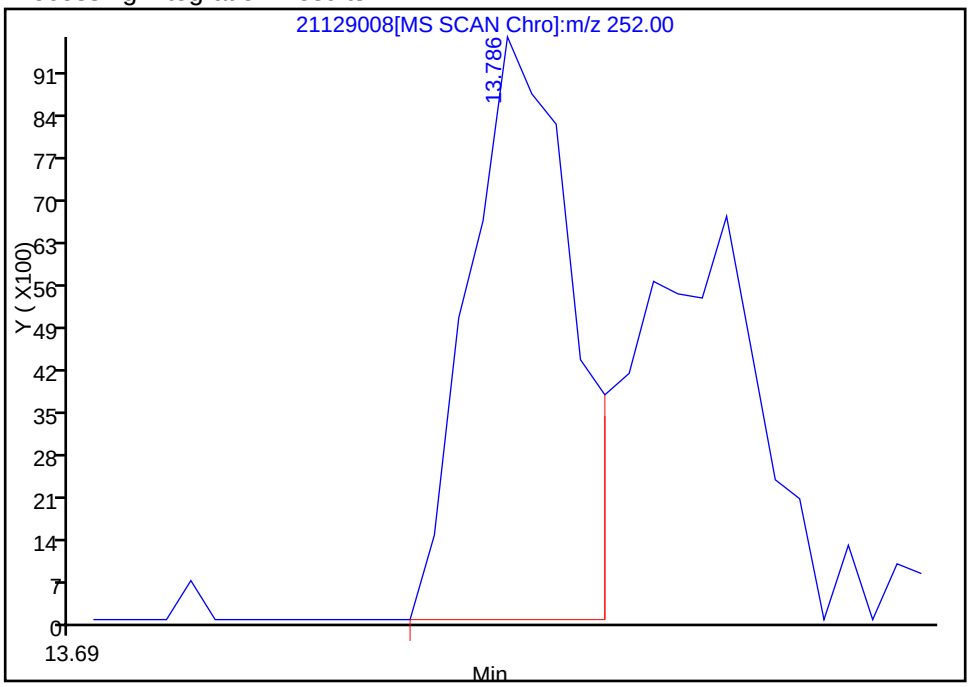
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129008.D		
Injection Date:	29-Nov-2012 10:52:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0005M-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	66702	Lims Sample ID:	8
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

183 Benzo[k]fluoranthene, Signal: 1, m/z: 252.0 Type: quant, RT: 13.83

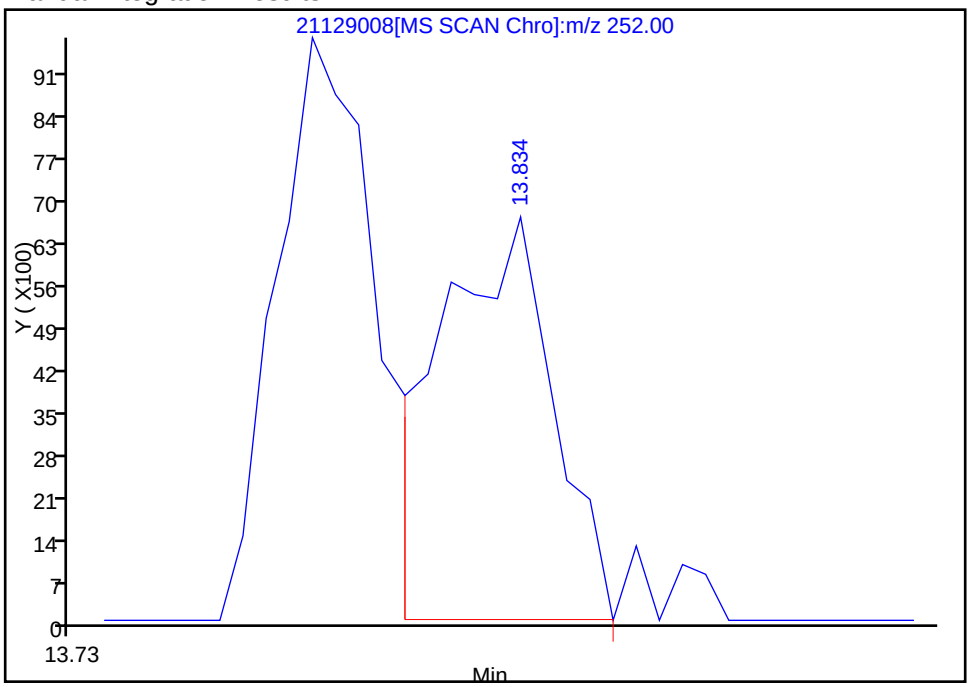
Processing Integration Results

RT: 13.79
Response: 15253
Amount: 0.185083



Manual Integration Results

RT: 13.83
Response: 12654
Amount: 0.153546



Reviewer: ulmanm, 29-Nov-2012 11:34:29
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

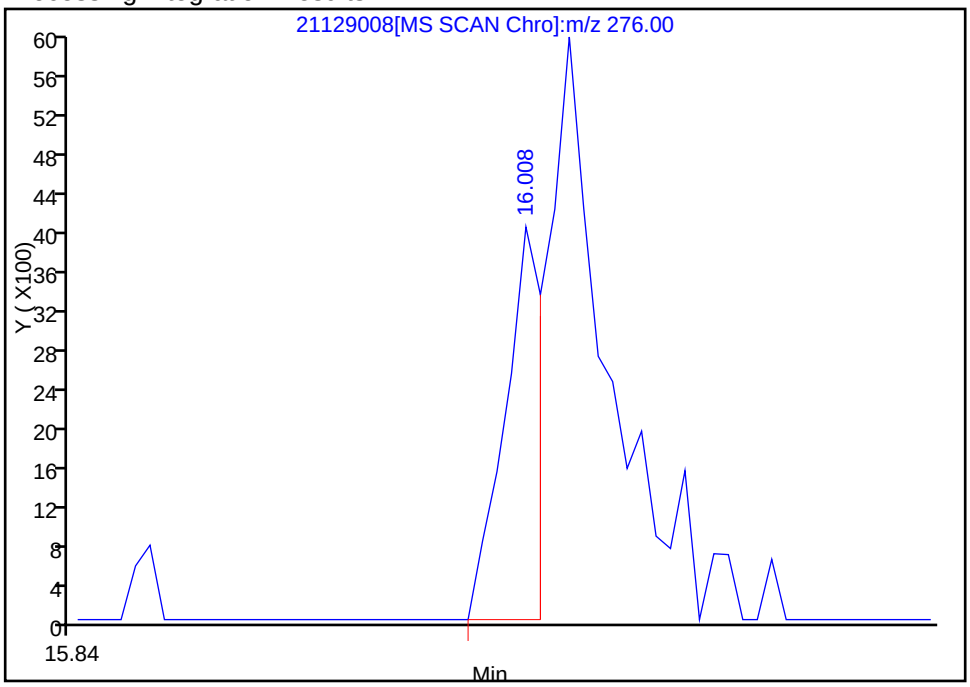
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129008.D		
Injection Date:	29-Nov-2012 10:52:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0005M-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	66702	Lims Sample ID:	8
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

188 Indeno[1,2,3-cd]pyrene, Signal: 1, m/z: 276.0 Type: quant, RT: 16.03

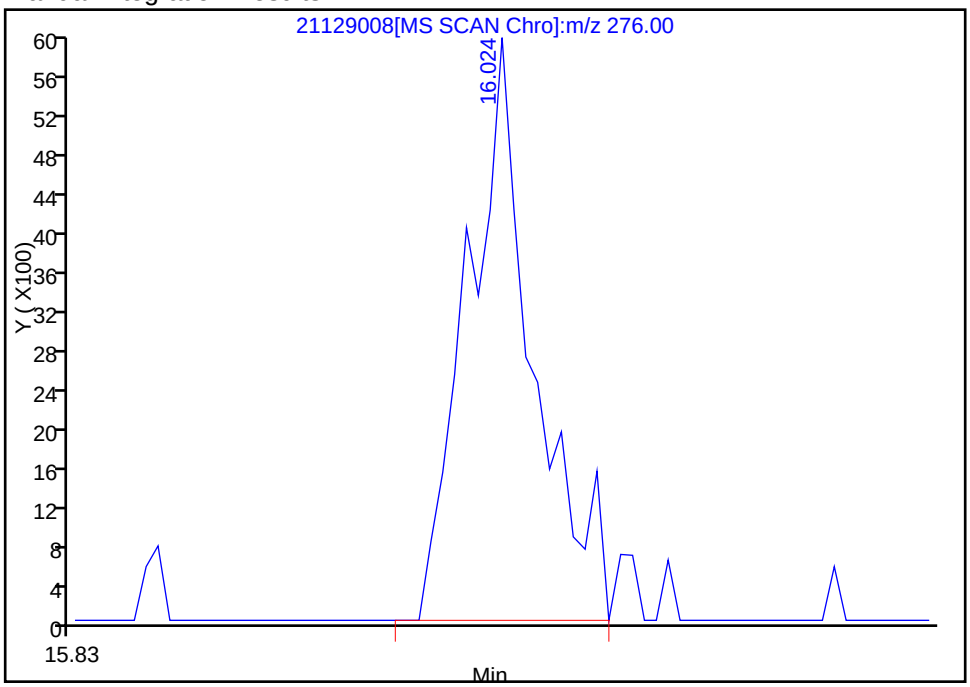
Processing Integration Results

RT: 16.01
Response: 3880
Amount: 0.047030



Manual Integration Results

RT: 16.02
Response: 12188
Amount: 0.147732



Reviewer: ulmanm, 29-Nov-2012 11:34:29
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: 068SS-0006M-0001-SO | Lab Sample ID: 240-17317-15

Matrix: Solid | Lab File ID: 21129009.D

Analysis Method: 8270C/DoD | Date Collected: 11/06/2012 15:45

Extract. Method: 3540C | Date Extracted: 11/16/2012 13:26

Sample wt/vol: 30.45(g) | Date Analyzed: 11/29/2012 11:17

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66702 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	3.3	U	6.6	3.3	3.3
208-96-8	Acenaphthylene	4.1	J	6.6	3.3	3.3
120-12-7	Anthracene	7.0		6.6	3.3	3.3
56-55-3	Benzo[a]anthracene	13		6.6	3.3	3.3
50-32-8	Benzo[a]pyrene	12		6.6	3.3	3.3
205-99-2	Benzo[b]fluoranthene	16		6.6	3.3	3.3
191-24-2	Benzo[g,h,i]perylene	11		6.6	3.3	3.3
65-85-0	Benzoic acid	330	U	650	330	330
207-08-9	Benzo[k]fluoranthene	11	M	6.6	3.3	3.3
100-51-6	Benzyl alcohol	27	U	330	27	21
111-91-1	Bis(2-chloroethoxy)methane	27	U	99	27	22
111-44-4	Bis(2-chloroethyl)ether	3.3	U	99	3.3	2.0
108-60-1	bis (2-chloroisopropyl) ether	27	U	99	27	9.4
117-81-7	Bis(2-ethylhexyl) phthalate	75		49	27	19
101-55-3	4-Bromophenyl phenyl ether	27	U	49	27	13
85-68-7	Butyl benzyl phthalate	27	U	49	27	9.9
86-74-8	Carbazole	27	U	49	27	27
106-47-8	4-Chloroaniline	27	U	150	27	17
59-50-7	4-Chloro-3-methylphenol	27	U	150	27	21
91-58-7	2-Chloronaphthalene	3.3	U	49	3.3	3.3
95-57-8	2-Chlorophenol	27	U	49	27	27
7005-72-3	4-Chlorophenyl phenyl ether	27	U	49	27	13
218-01-9	Chrysene	14		6.6	3.3	1.1
53-70-3	Dibenz(a,h)anthracene	3.3	U	6.6	3.3	3.3
132-64-9	Dibenzofuran	3.3	U	49	3.3	3.3
106-46-7	1,4-Dichlorobenzene	27	U	49	27	20
95-50-1	1,2-Dichlorobenzene	27	U	49	27	9.6
541-73-1	1,3-Dichlorobenzene	27	U	49	27	11
91-94-1	3,3'-Dichlorobenzidine	79	U	99	79	18
120-83-2	2,4-Dichlorophenol	27	U	150	27	20
84-66-2	Diethyl phthalate	27	U	49	27	16
105-67-9	2,4-Dimethylphenol	79	U	150	79	20
131-11-3	Dimethyl phthalate	27	U	49	27	17
84-74-2	Di-n-butyl phthalate	27	U	49	27	15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: 068SS-0006M-0001-SO | Lab Sample ID: 240-17317-15

Matrix: Solid | Lab File ID: 21129009.D

Analysis Method: 8270C/DoD | Date Collected: 11/06/2012 15:45

Extract. Method: 3540C | Date Extracted: 11/16/2012 13:26

Sample wt/vol: 30.45(g) | Date Analyzed: 11/29/2012 11:17

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66702 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	79	U	150	79	79
51-28-5	2,4-Dinitrophenol	79	U	330	79	79
121-14-2	2,4-Dinitrotoluene	27	U	200	27	27
606-20-2	2,6-Dinitrotoluene	27	U	200	27	21
117-84-0	Di-n-octyl phthalate	27	U	49	27	27
206-44-0	Fluoranthene	19		6.6	3.3	3.3
86-73-7	Fluorene	3.3	U	6.6	3.3	3.3
118-74-1	Hexachlorobenzene	3.3	U	6.6	3.3	2.1
87-68-3	Hexachlorobutadiene	27	U	49	27	27
77-47-4	Hexachlorocyclopentadiene	27	U	330	27	27
67-72-1	Hexachloroethane	27	U	49	27	8.9
193-39-5	Indeno[1,2,3-cd]pyrene	9.2		6.6	3.3	3.3
78-59-1	Isophorone	13	J	49	27	13
91-57-6	2-Methylnaphthalene	11		6.6	3.3	3.3
95-48-7	2-Methylphenol	79	U	200	79	79
15831-10-4	3 & 4 Methylphenol	79	U	390	79	20
91-20-3	Naphthalene	10		6.6	3.3	3.3
88-74-4	2-Nitroaniline	27	U	200	27	9.0
99-09-2	3-Nitroaniline	79	U	200	79	16
100-01-6	4-Nitroaniline	27	U	200	27	26
98-95-3	Nitrobenzene	3.3	U	99	3.3	2.2
88-75-5	2-Nitrophenol	27	U	49	27	27
100-02-7	4-Nitrophenol	79	U	330	79	79
621-64-7	N-Nitrosodi-n-propylamine	27	U	49	27	27
86-30-6	N-Nitrosodiphenylamine	27	U	49	27	21
87-86-5	Pentachlorophenol	79	U	150	79	79
85-01-8	Phenanthrene	18		6.6	3.3	3.3
108-95-2	Phenol	27	U	49	27	27
129-00-0	Pyrene	17		6.6	3.3	3.3
120-82-1	1,2,4-Trichlorobenzene	27	U	49	27	27
95-95-4	2,4,5-Trichlorophenol	27	U	150	27	25
88-06-2	2,4,6-Trichlorophenol	79	U	150	79	79

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: 068SS-0006M-0001-SO | Lab Sample ID: 240-17317-15

Matrix: Solid | Lab File ID: 21129009.D

Analysis Method: 8270C/DoD | Date Collected: 11/06/2012 15:45

Extract. Method: 3540C | Date Extracted: 11/16/2012 13:26

Sample wt/vol: 30.45(g) | Date Analyzed: 11/29/2012 11:17

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66702 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	64		45-105
367-12-4	2-Fluorophenol (Surr)	67		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	67		35-100
1718-51-0	Terphenyl-d14 (Surr)	74		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	75		35-125
4165-62-2	Phenol-d5 (Surr)	71		40-100

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129009.D
Lims ID: 240-17317-A-15-D Client ID: 068SS-0006M-0001-SO
Inject. Date: 29-Nov-2012 11:17:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0015370-009
Misc. Info.: 240-17317-A-15-D =240-17317-A-15-D
Operator: 001574 Instrument ID: A4HP9
Injection Vol: 1.0 ul ALS Bottle#: 9
Lims Batch ID: 66702 Lims Sample ID: 9
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121129-15370.b\8270 _9.m
Last Update: 29-Nov-2012 12:55:48 Calib Date: 28-Nov-2012 18:11:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121128-15348.b\21127110.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: 5% phenyl Column Dia: 0.18 mm
Process Host: XAWRK030

First Level Reviewer: ulmanm Date: 29-Nov-2012 11:54:34

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.904	5.907	-0.003	84	66995	4.00	
* 2 Naphthalene-d8	136	7.015	7.013	0.002	98	274542	4.00	
* 3 Acenaphthene-d10	164	8.506	8.503	0.003	77	169043	4.00	
* 4 Phenanthrene-d10	188	9.761	9.764	-0.003	77	281298	4.00	
* 5 Chrysene-d12	240	12.304	12.307	-0.003	84	263709	4.00	
* 6 Perylene-d12	264	14.371	14.374	-0.003	91	240498	4.00	
$ 7 2-Fluorophenol	112	4.697	4.662	0.035	92	271043	10.1	
$ 8 Phenol-d5	99	5.552	5.544	0.008	0	395459	10.6	
$ 9 Nitrobenzene-d5	82	6.385	6.388	-0.003	83	258598	6.70	
$ 10 2-Fluorobiphenyl (Surr)	172	7.918	7.921	-0.003	98	330179	6.43	
$ 11 2,4,6-Tribromophenol	330	9.168	9.171	-0.003	83	68531	11.3	
$ 12 Terphenyl-d14	244	11.118	11.121	-0.003	97	389580	7.45	
43 Phenol	94	5.562	5.560	0.002	50	5901	0.1451	
69 Bis(2-chloroethyl)ether	93		5.656					9
46 2-Chlorophenol	128		5.709					9
47 1,3-Dichlorobenzene	146		5.853					9
48 1,4-Dichlorobenzene	146		5.918					9
49 Benzyl alcohol	108		6.014					
50 1,2-Dichlorobenzene	146		6.056					9
51 2-Methylphenol	108		6.099					9
53 2,2'-oxybis[1-chloropropane]	45		6.137					
21 3 & 4 Methylphenol	108		6.233					9
57 N-Nitrosodi-n-propylamine	70		6.243					9
61 Hexachloroethane	117		6.356					
62 Nitrobenzene	77		6.404					9
64 Isophorone	82	6.604	6.607	-0.003	81	14136	0.1981	
66 2-Nitrophenol	139		6.676					9
65 2,4-Dimethylphenol	107		6.697					9
71 Benzoic acid	122		6.756					9
70 Bis(2-chloroethoxy)methane	93		6.783					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
73 2,4-Dichlorophenol	162		6.879					9
74 1,2,4-Trichlorobenzene	180		6.959					9
75 Naphthalene	128	7.031	7.034	-0.003	52	10805	0.1563	
76 4-Chloroaniline	127		7.066					9
79 Hexachlorobutadiene	225		7.130					
86 4-Chloro-3-methylphenol	107		7.456					9
87 2-Methylnaphthalene	142	7.619	7.622	-0.003	69	7555	0.1648	
89 Hexachlorocyclopentadiene	237		7.750					
92 2,4,6-Trichlorophenol	196		7.846					
93 2,4,5-Trichlorophenol	196		7.878					
100 2-Chloronaphthalene	162		8.033					9
102 2-Nitroaniline	65		8.108					
105 Dimethyl phthalate	163		8.247					
107 2,6-Dinitrotoluene	165		8.305					
109 Acenaphthylene	152	8.388	8.391	-0.003	61	4326	0.0627	
110 3-Nitroaniline	138		8.450					
111 2,4-Dinitrophenol	184		8.535					
112 Acenaphthene	153		8.535					9
113 4-Nitrophenol	109		8.567					
114 2,4-Dinitrotoluene	165		8.647					9
116 Dibenzofuran	168		8.679					
121 Diethyl phthalate	149	8.837	8.840	-0.003	73	10869	0.2130	
123 4-Chlorophenyl phenyl ether	204		8.957					9
125 4-Nitroaniline	138		8.968					
126 Fluorene	166		8.968					9
128 4,6-Dinitro-2-methylphenol	198		8.989					
131 N-Nitrosodiphenylamine	169		9.048					9
139 4-Bromophenyl phenyl ether	248		9.374					9
141 Hexachlorobenzene	284		9.433					
143 Pentachlorophenol	266		9.593					
148 Phenanthrene	178	9.783	9.785	-0.003	80	21538	0.2729	
149 Anthracene	178	9.825	9.828	-0.003	66	8259	0.1071	
151 Carbazole	167		9.951					9
154 Di-n-butyl phthalate	149	10.215	10.213	0.002	52	17396	0.2044	
159 Fluoranthene	202	10.792	10.795	-0.003	84	25447	0.2904	
161 Pyrene	202	11.001	11.003	-0.003	82	22795	0.2540	
168 Butyl benzyl phthalate	149		11.596					9
175 3,3'-Dichlorobenzidine	252		12.243					
173 Bis(2-ethylhexyl) phthalate	149	12.267	12.269	-0.002	93	58369	1.15	
177 Benzo[a]anthracene	228	12.293	12.296	-0.003	13	15276	0.1945	
178 Chrysene	228	12.336	12.344	-0.008	41	15780	0.2157	
180 Di-n-octyl phthalate	149		13.177					9
182 Benzo[b]fluoranthene	252	13.794	13.797	-0.003	70	19067	0.2422	
183 Benzo[k]fluoranthene	252	13.821	13.835	-0.014	1	13644	0.1636	M
184 Benzo[a]pyrene	252	14.286	14.294	-0.008	43	14022	0.1893	
188 Indeno[1,2,3-cd]pyrene	276	16.017	16.030	-0.013	47	11675	0.1398	
189 Dibenz(a,h)anthracene	278		16.057					
190 Benzo[g,h,i]perylene	276	16.460	16.474	-0.014	43	11946	0.1687	

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

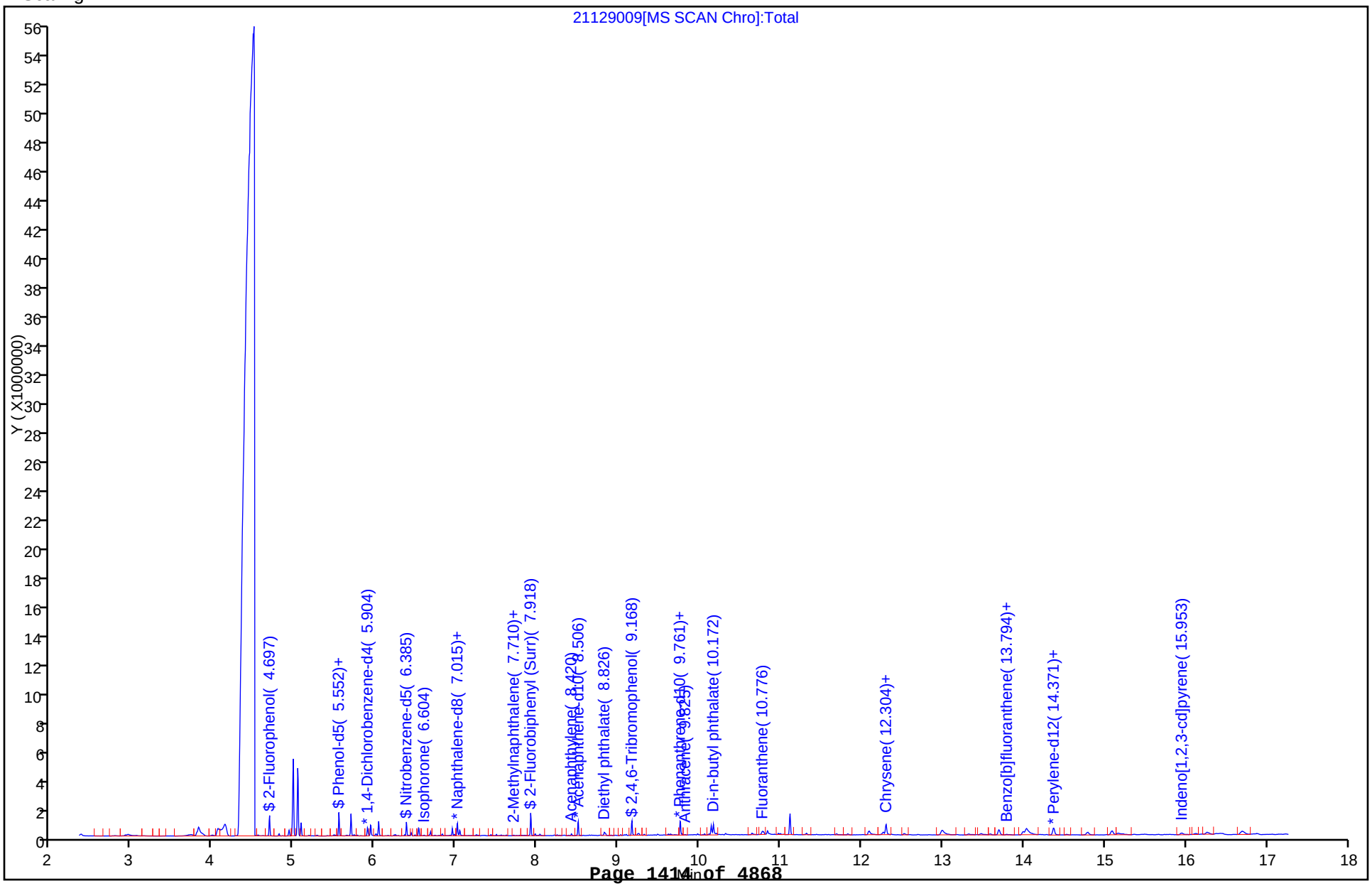
Review Flags
M - Manually Integrated

Report Date: 29-Nov-2012 12:55:56 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129009.D		
Injection Date:	29-Nov-2012 11:17:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0006M-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	66702	Lims Sample ID:	9
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



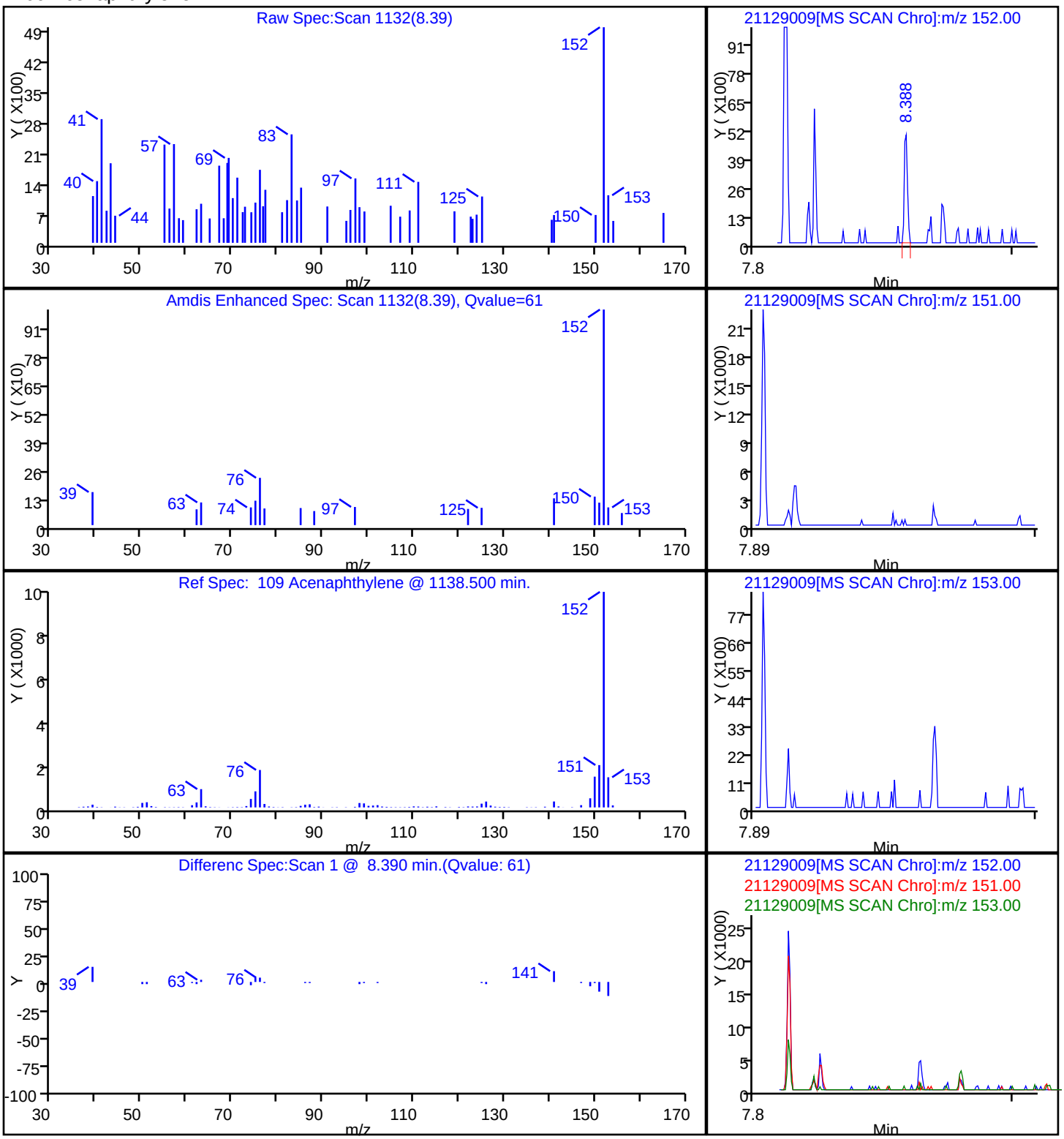
Report Date: 29-Nov-2012 12:55:56 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129009.D

Injection Date:	29-Nov-2012 11:17:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0006M-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	66702	Lims Sample ID:	9
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

109 Acenaphthylene



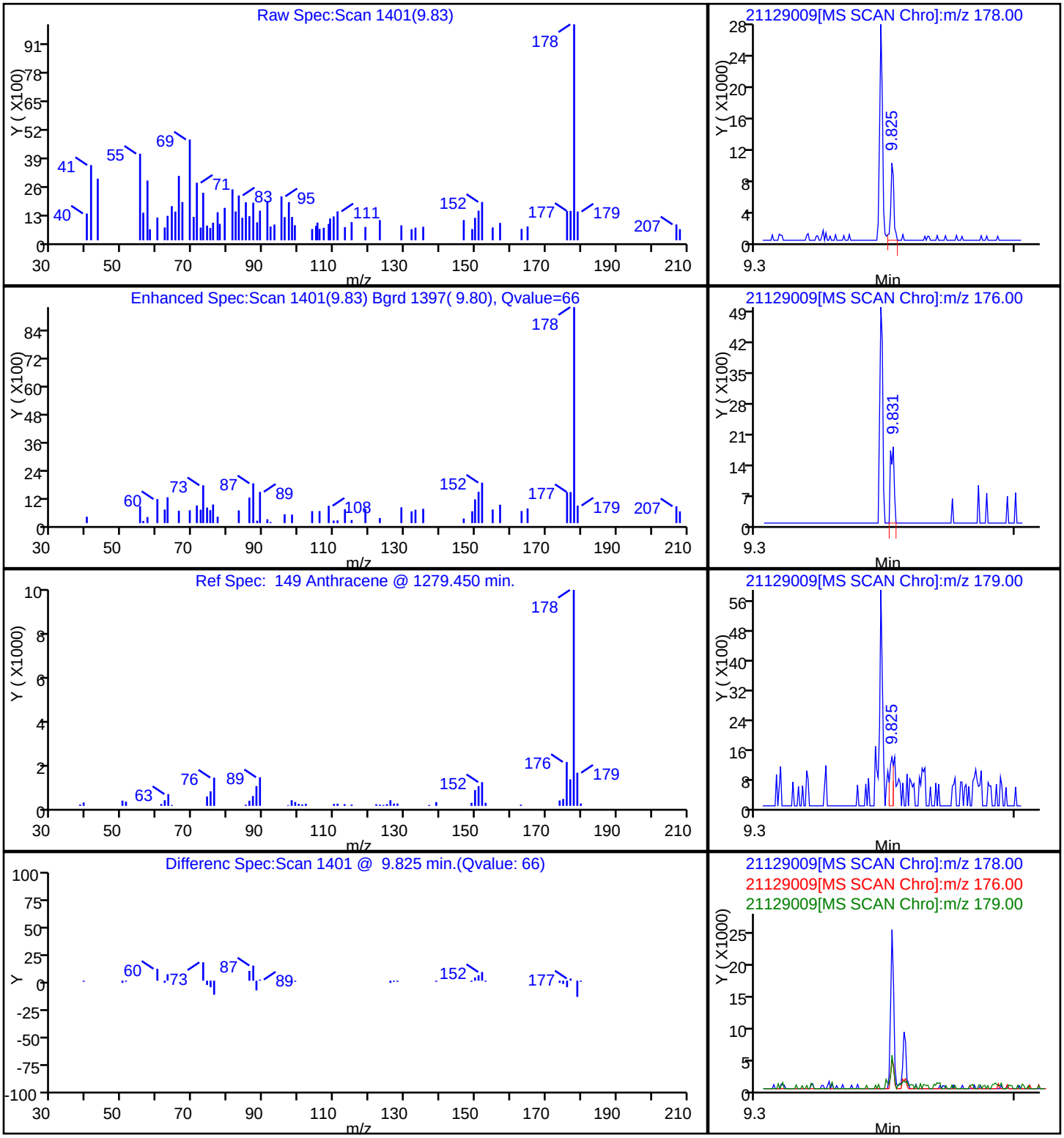
Report Date: 29-Nov-2012 12:55:56 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129009.D

Injection Date:	29-Nov-2012 11:17:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0006M-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	66702	Lims Sample ID:	9
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

149 Anthracene



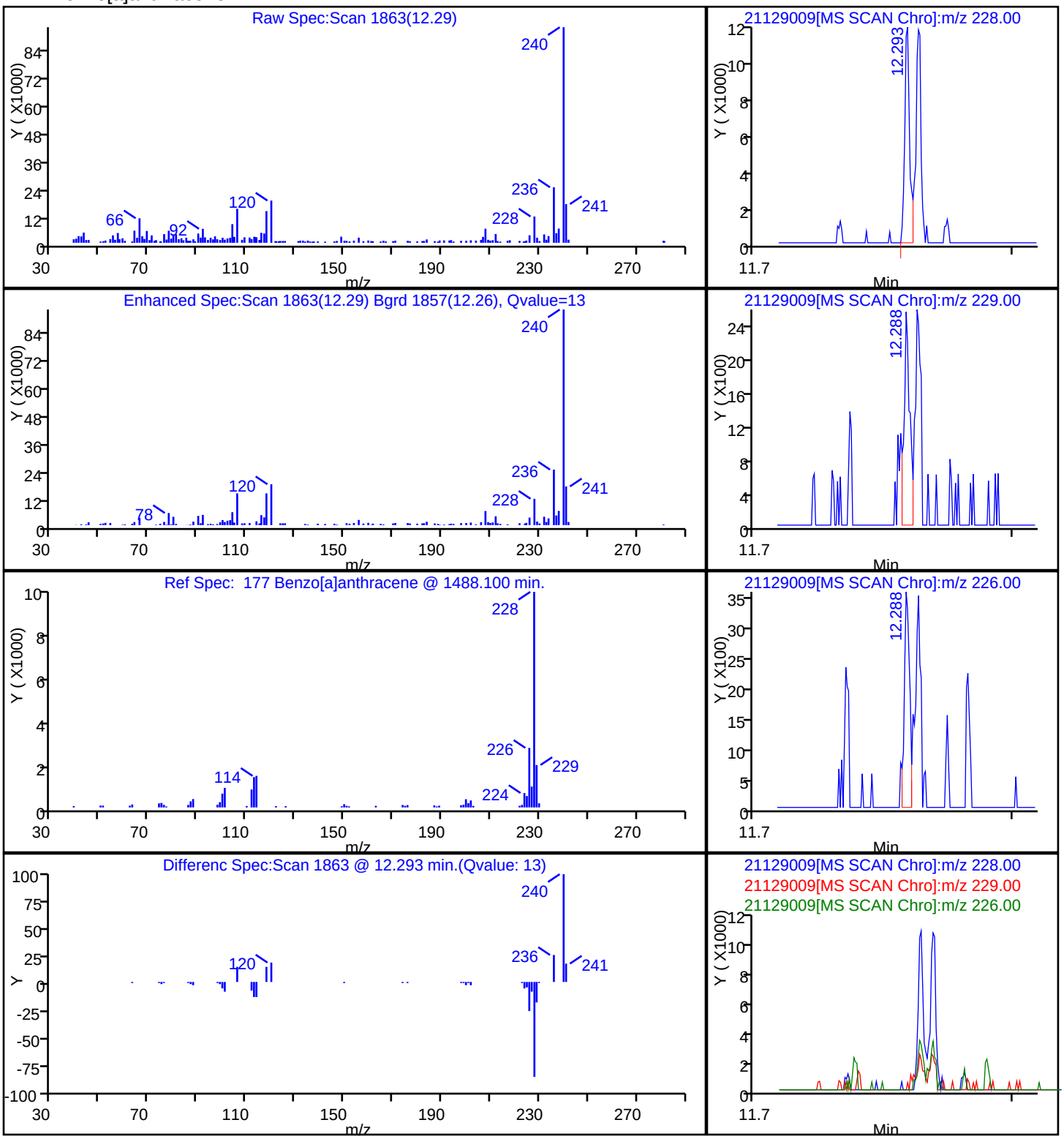
Report Date: 29-Nov-2012 12:55:56 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129009.D

Injection Date:	29-Nov-2012 11:17:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0006M-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	66702	Lims Sample ID:	9
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

177 Benzo[a]anthracene

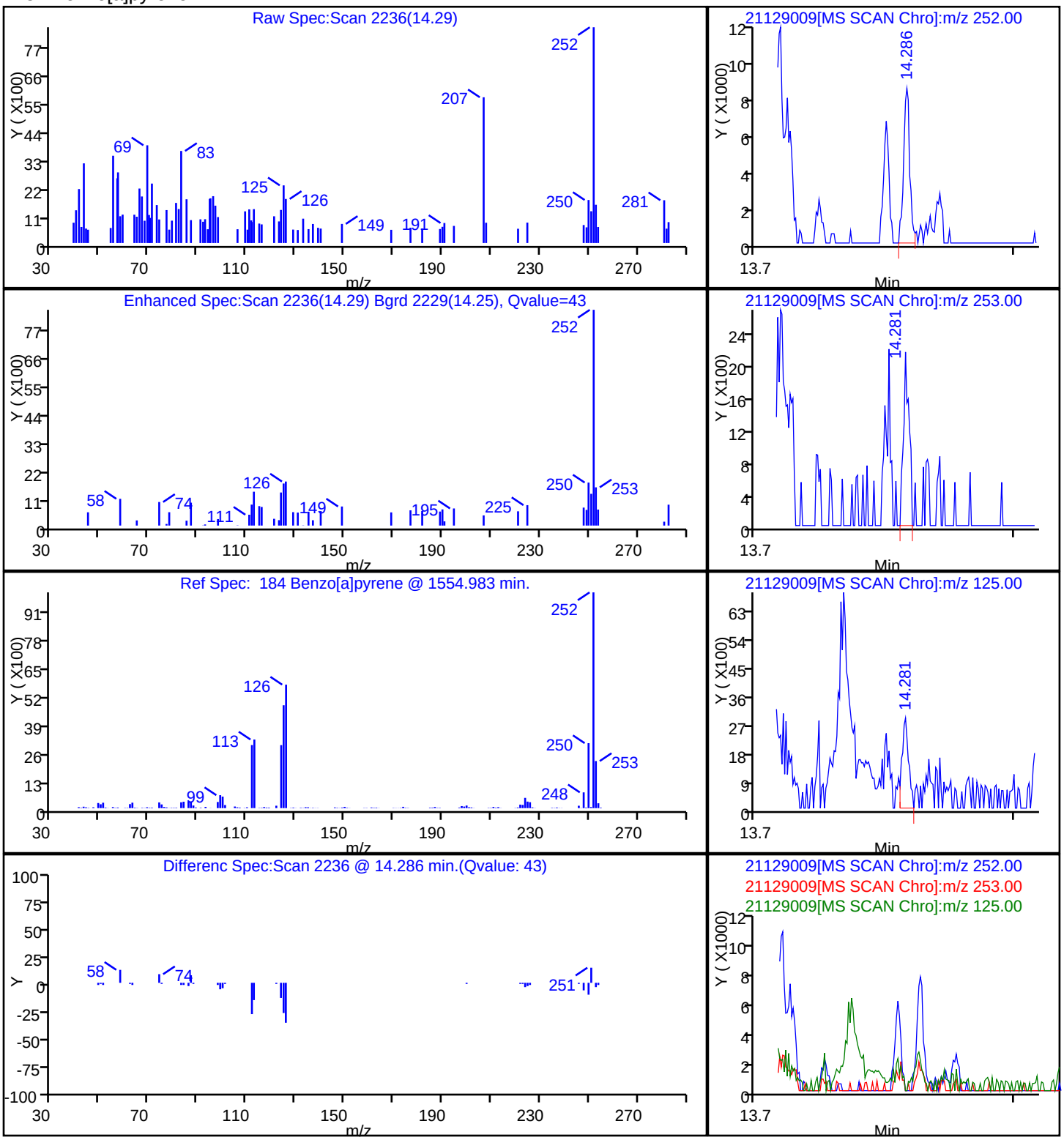


Report Date: 29-Nov-2012 12:55:56 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129009.D		
Injection Date:	29-Nov-2012 11:17:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0006M-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	66702	Lims Sample ID:	9
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

184 Benzo[a]pyrene



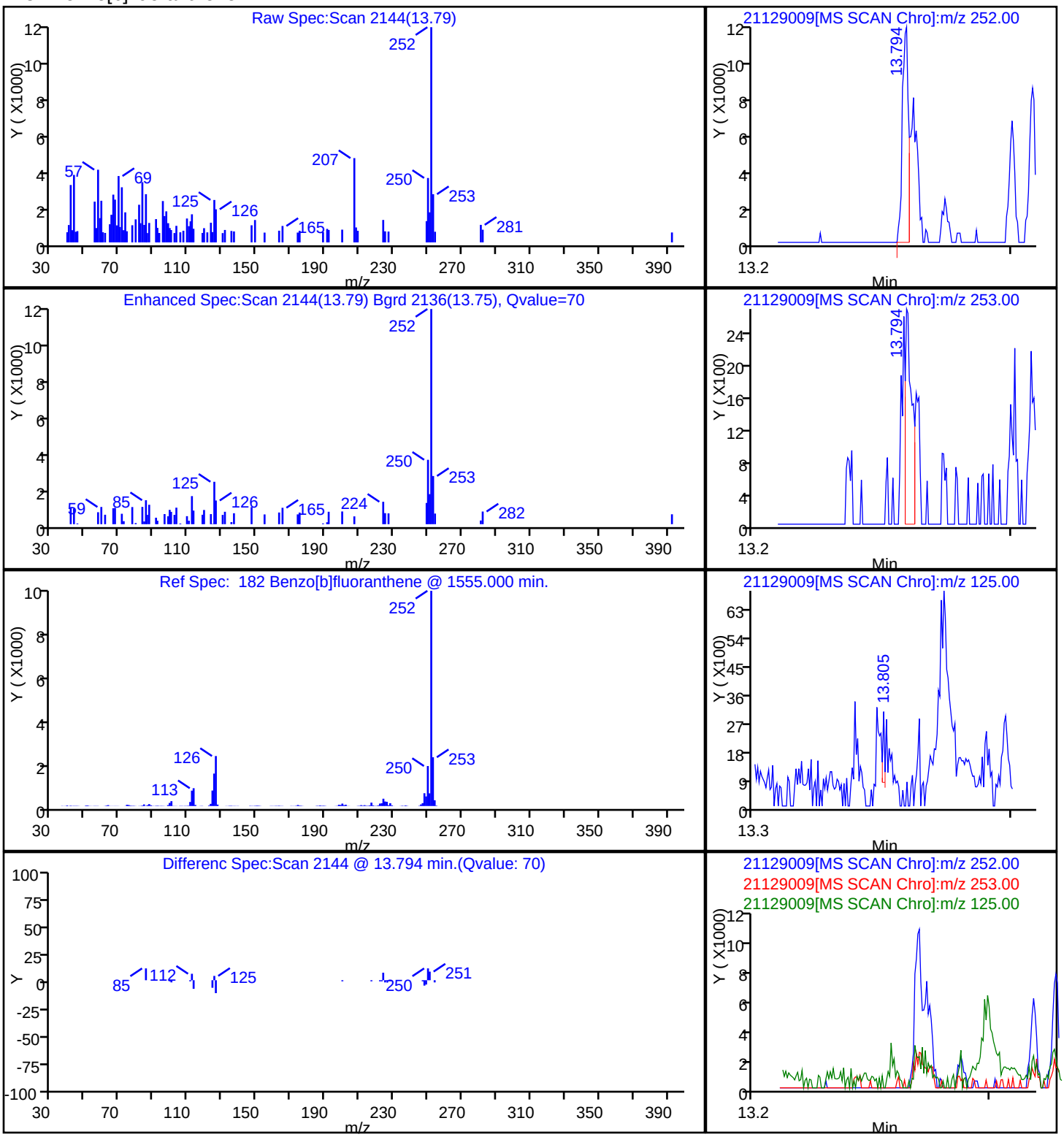
Report Date: 29-Nov-2012 12:55:56 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129009.D

Injection Date:	29-Nov-2012 11:17:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0006M-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	66702	Lims Sample ID:	9
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

182 Benzo[b]fluoranthene

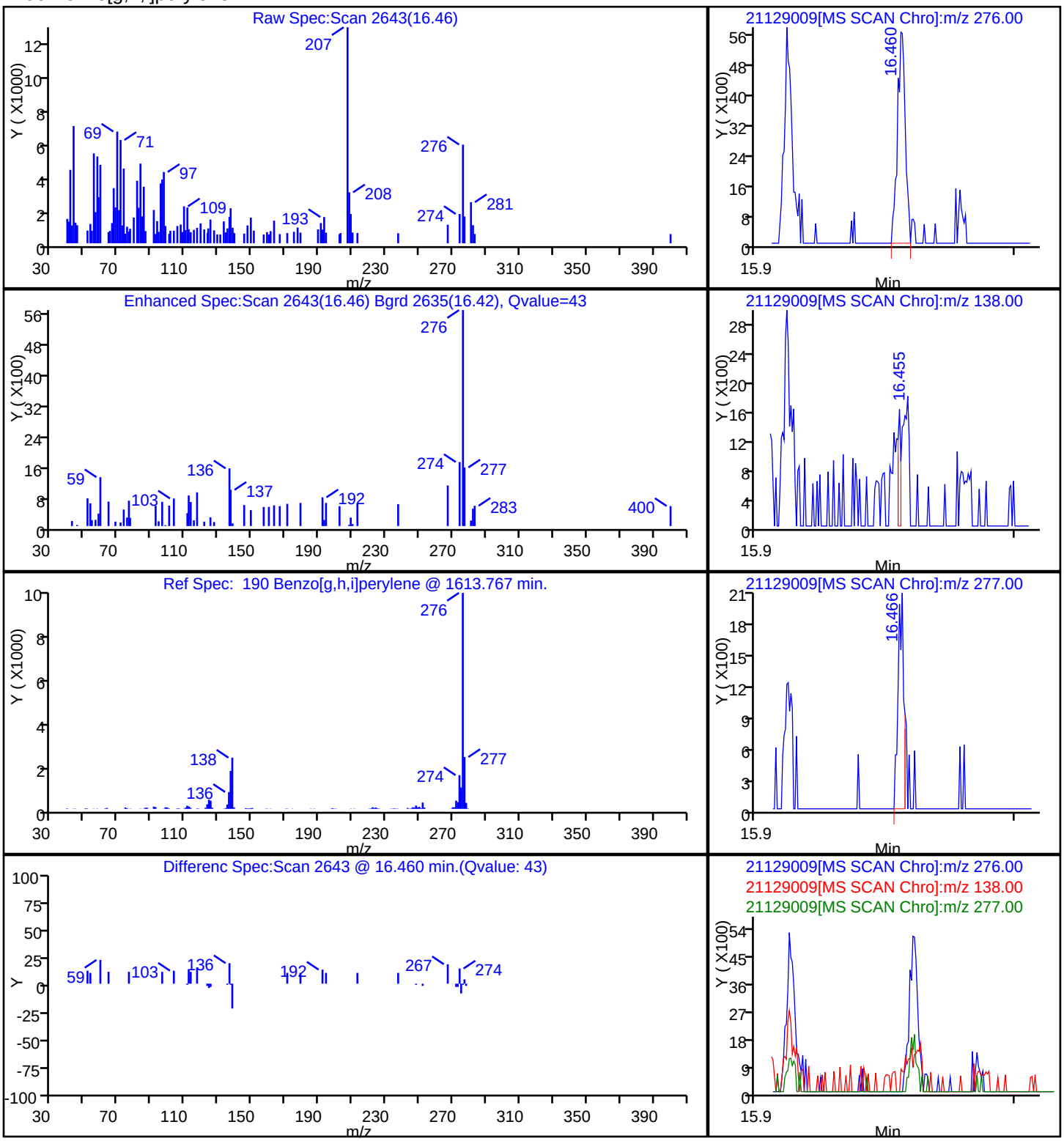


Report Date: 29-Nov-2012 12:55:56 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129009.D		
Injection Date:	29-Nov-2012 11:17:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0006M-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	66702	Lims Sample ID:	9
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

190 Benzo[g,h,i]perylene



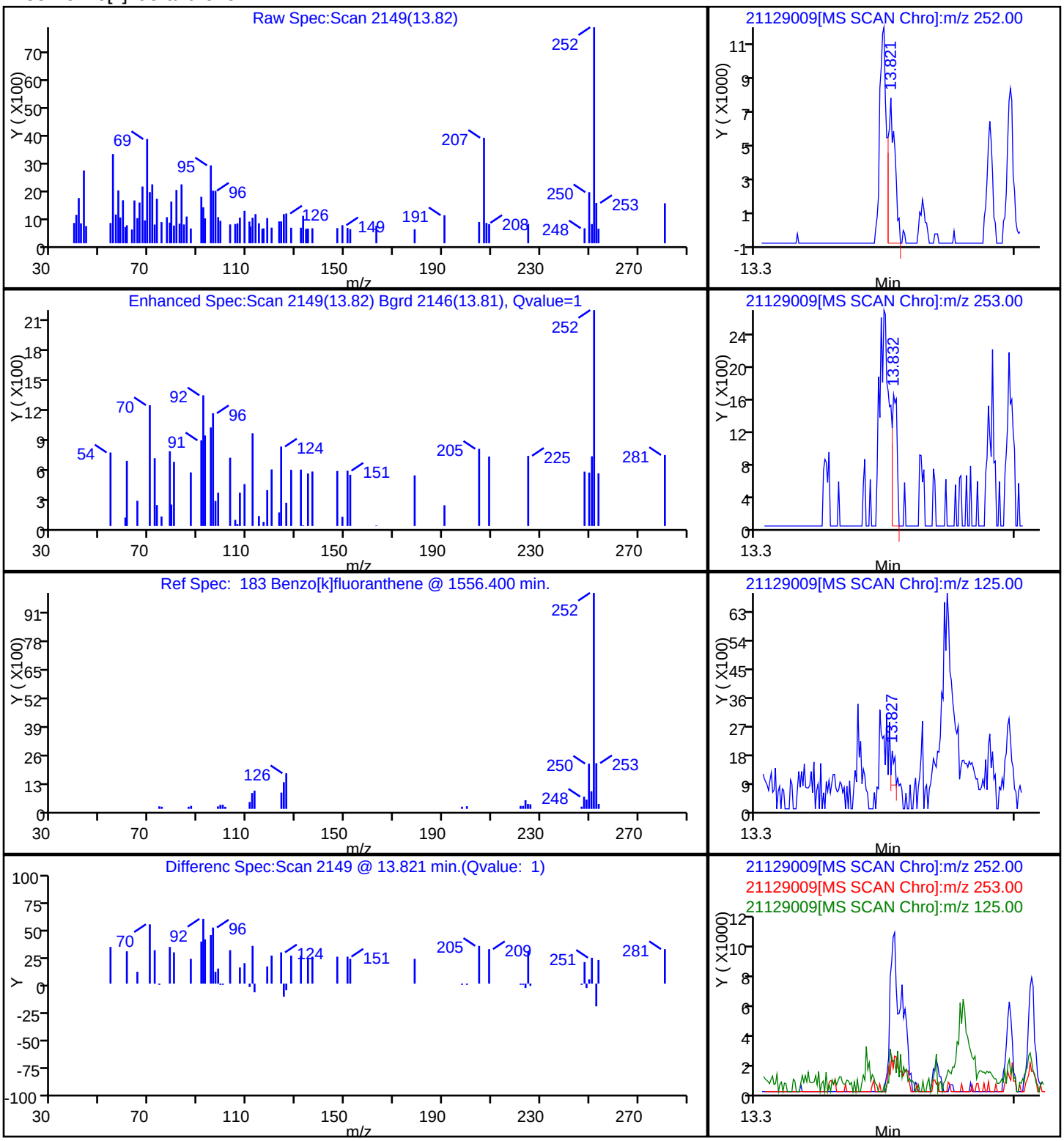
Report Date: 29-Nov-2012 12:55:56 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129009.D

Injection Date:	29-Nov-2012 11:17:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0006M-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	66702	Lims Sample ID:	9
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

183 Benzo[k]fluoranthene

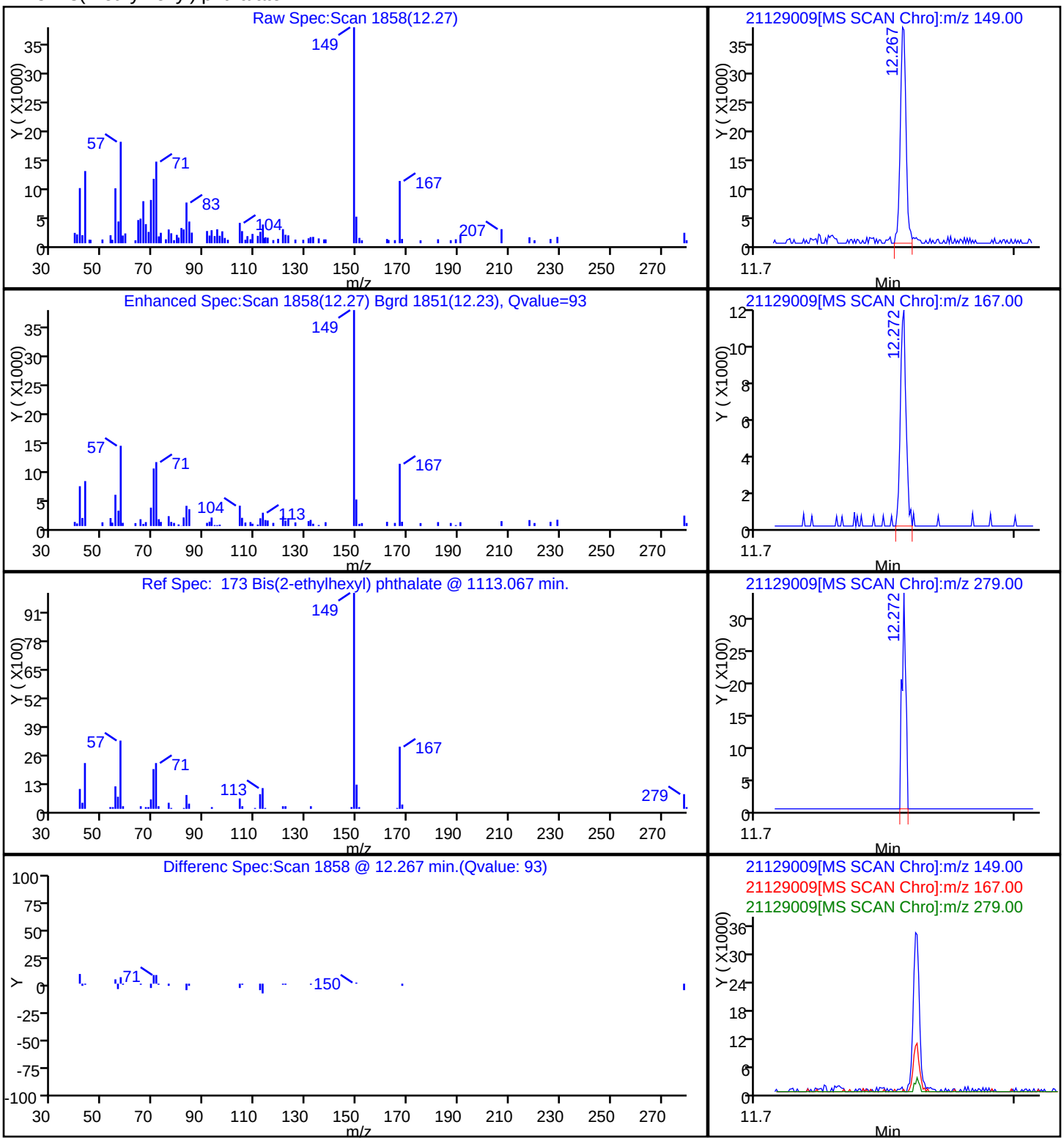


Report Date: 29-Nov-2012 12:55:56 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129009.D		
Injection Date:	29-Nov-2012 11:17:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0006M-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	66702	Lims Sample ID:	9
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

173 Bis(2-ethylhexyl) phthalate

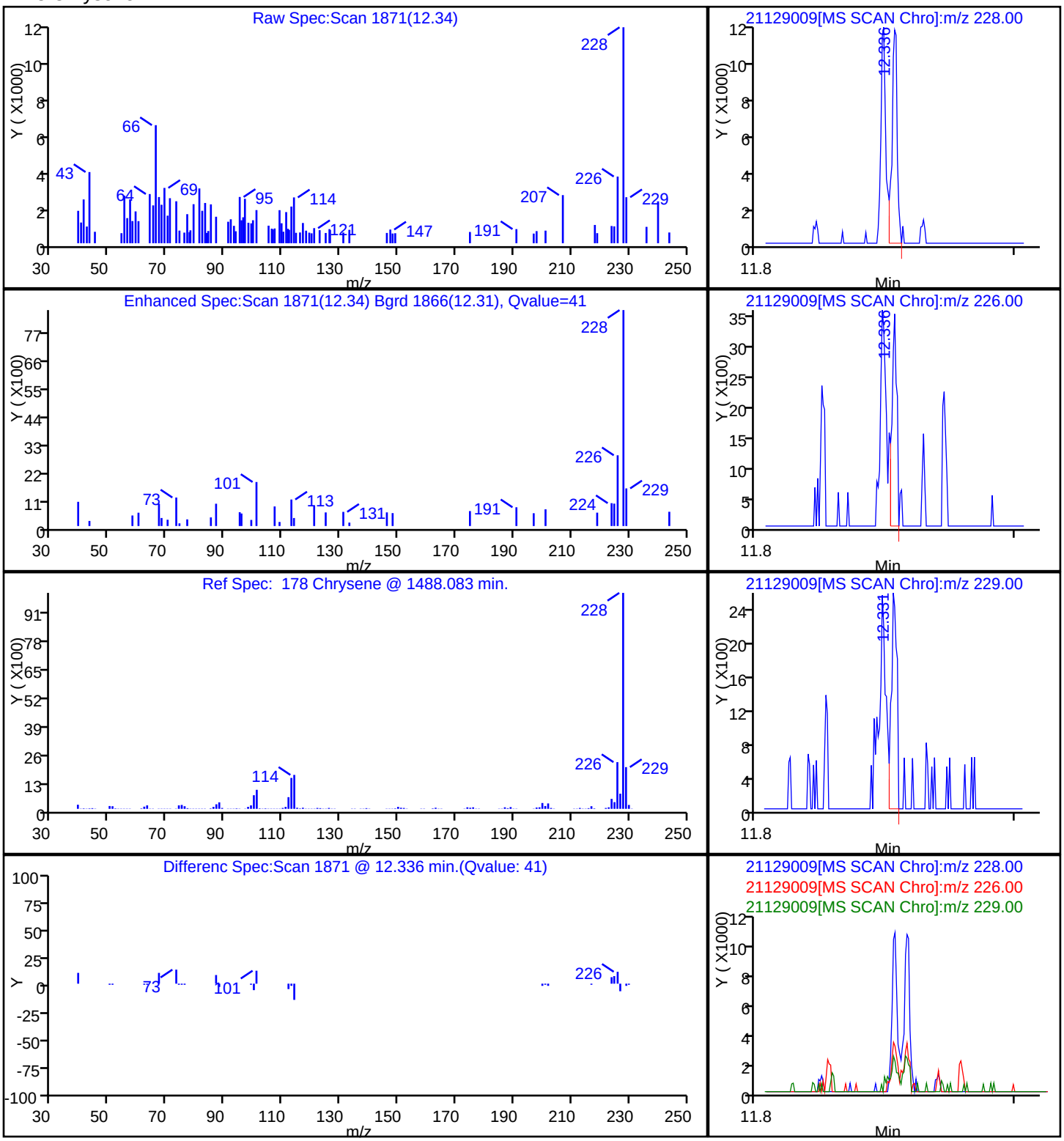


Report Date: 29-Nov-2012 12:55:56 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129009.D		
Injection Date:	29-Nov-2012 11:17:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0006M-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	66702	Lims Sample ID:	9
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

178 Chrysene

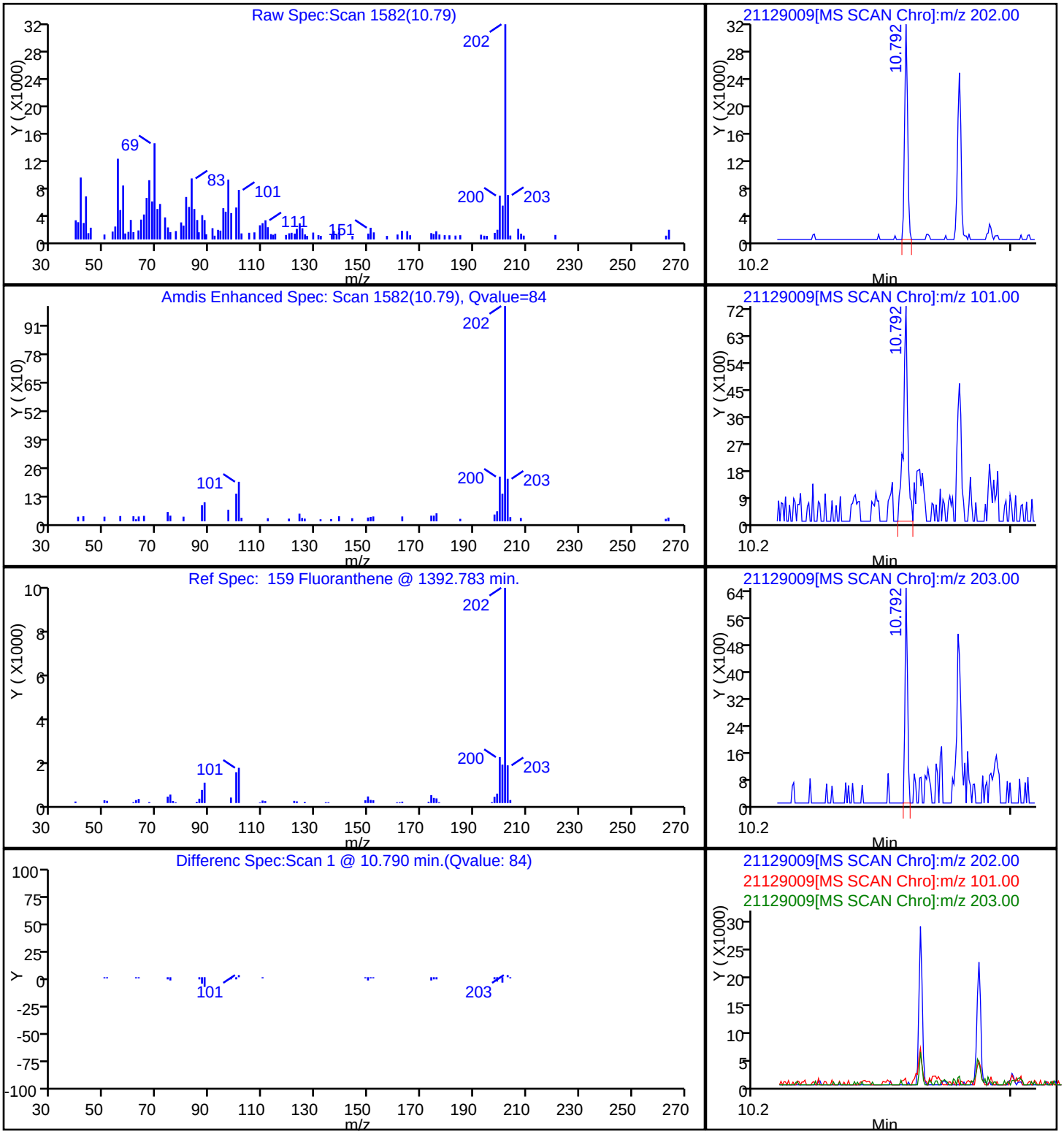


Report Date: 29-Nov-2012 12:55:56 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129009.D		
Injection Date:	29-Nov-2012 11:17:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0006M-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	66702	Lims Sample ID:	9
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

159 Fluoranthene



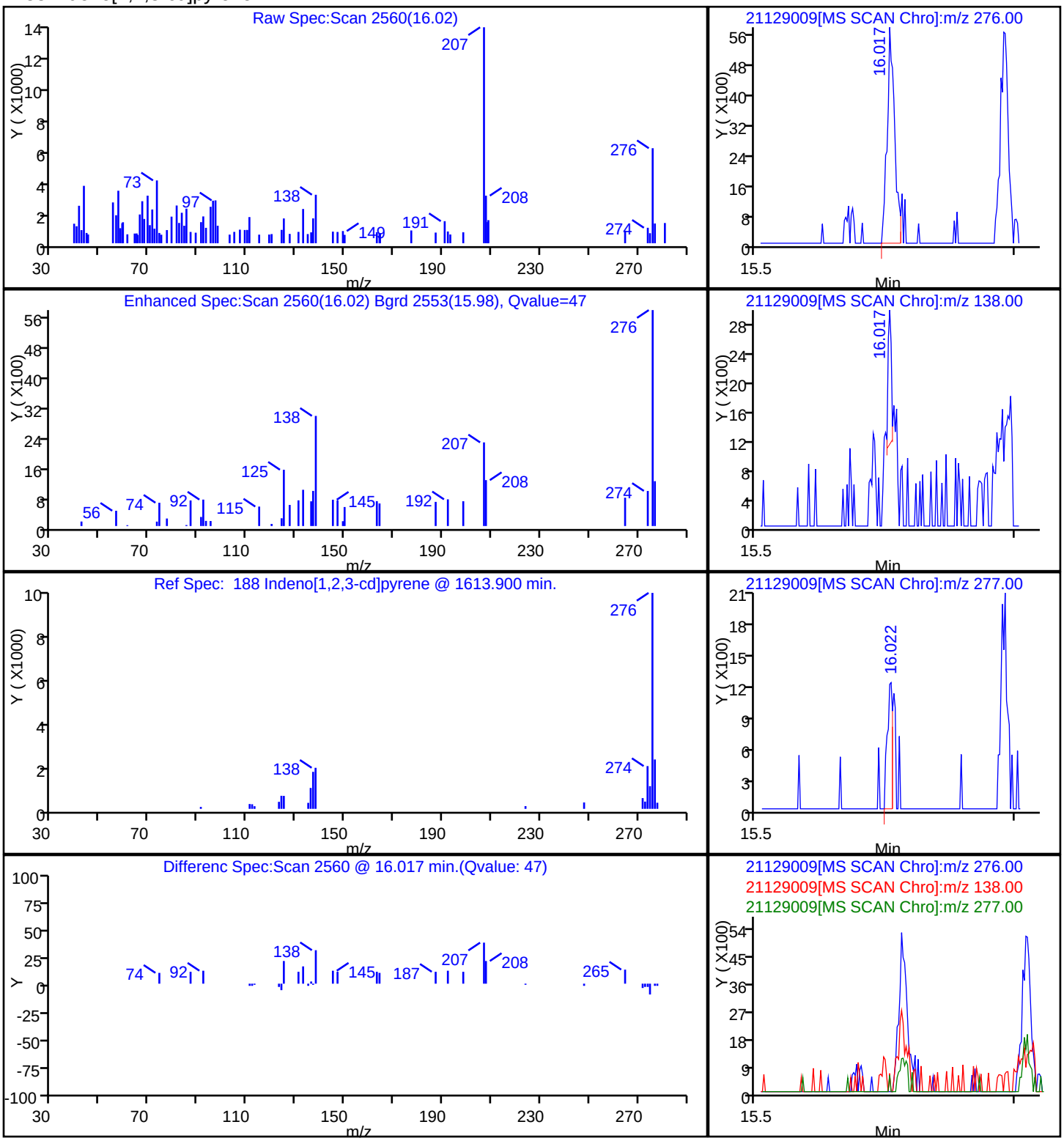
Report Date: 29-Nov-2012 12:55:56 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129009.D

Injection Date:	29-Nov-2012 11:17:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0006M-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	66702	Lims Sample ID:	9
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

188 Indeno[1,2,3-cd]pyrene

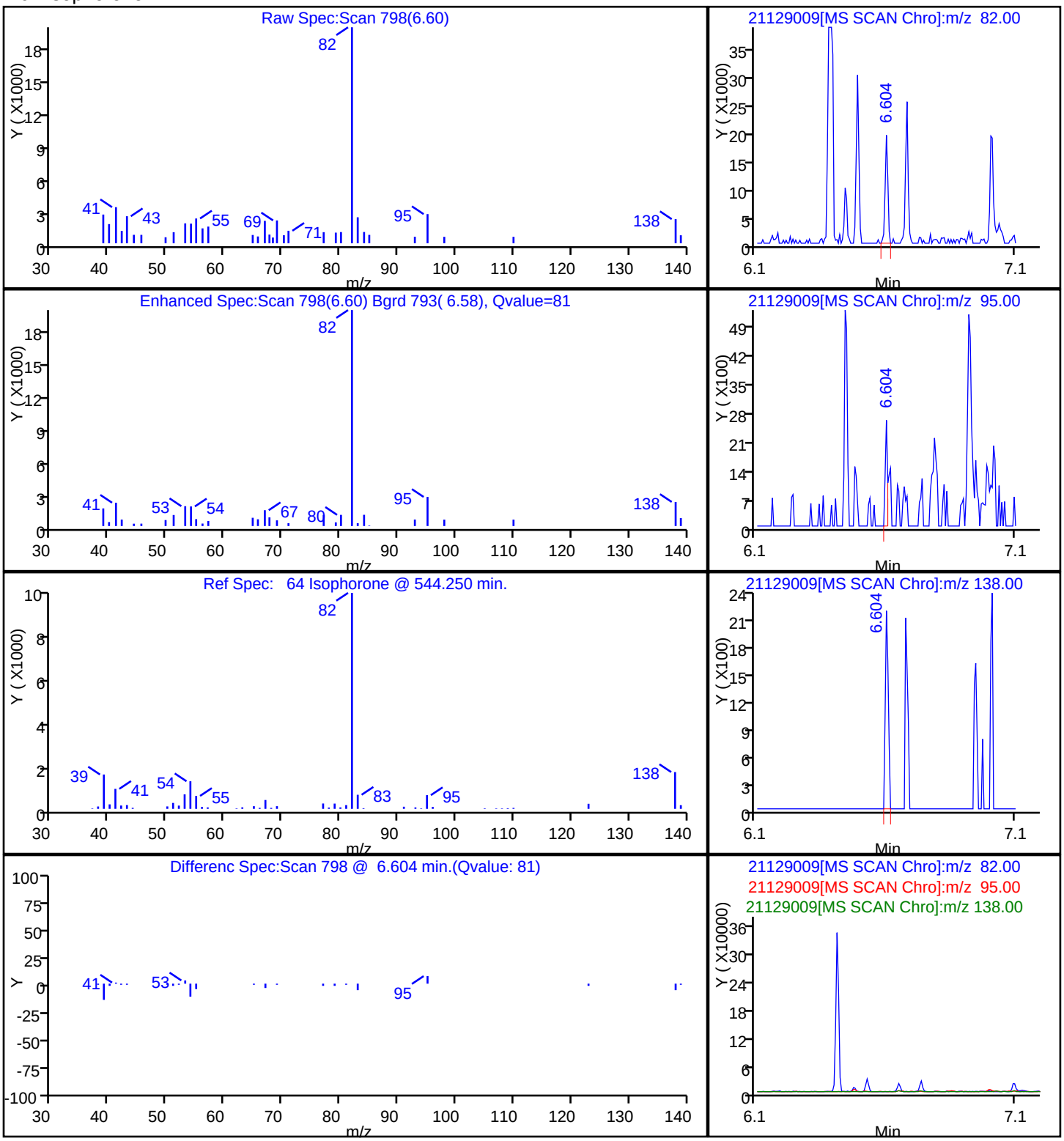


Report Date: 29-Nov-2012 12:55:56 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129009.D		
Injection Date:	29-Nov-2012 11:17:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0006M-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	66702	Lims Sample ID:	9
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

64 Isophorone



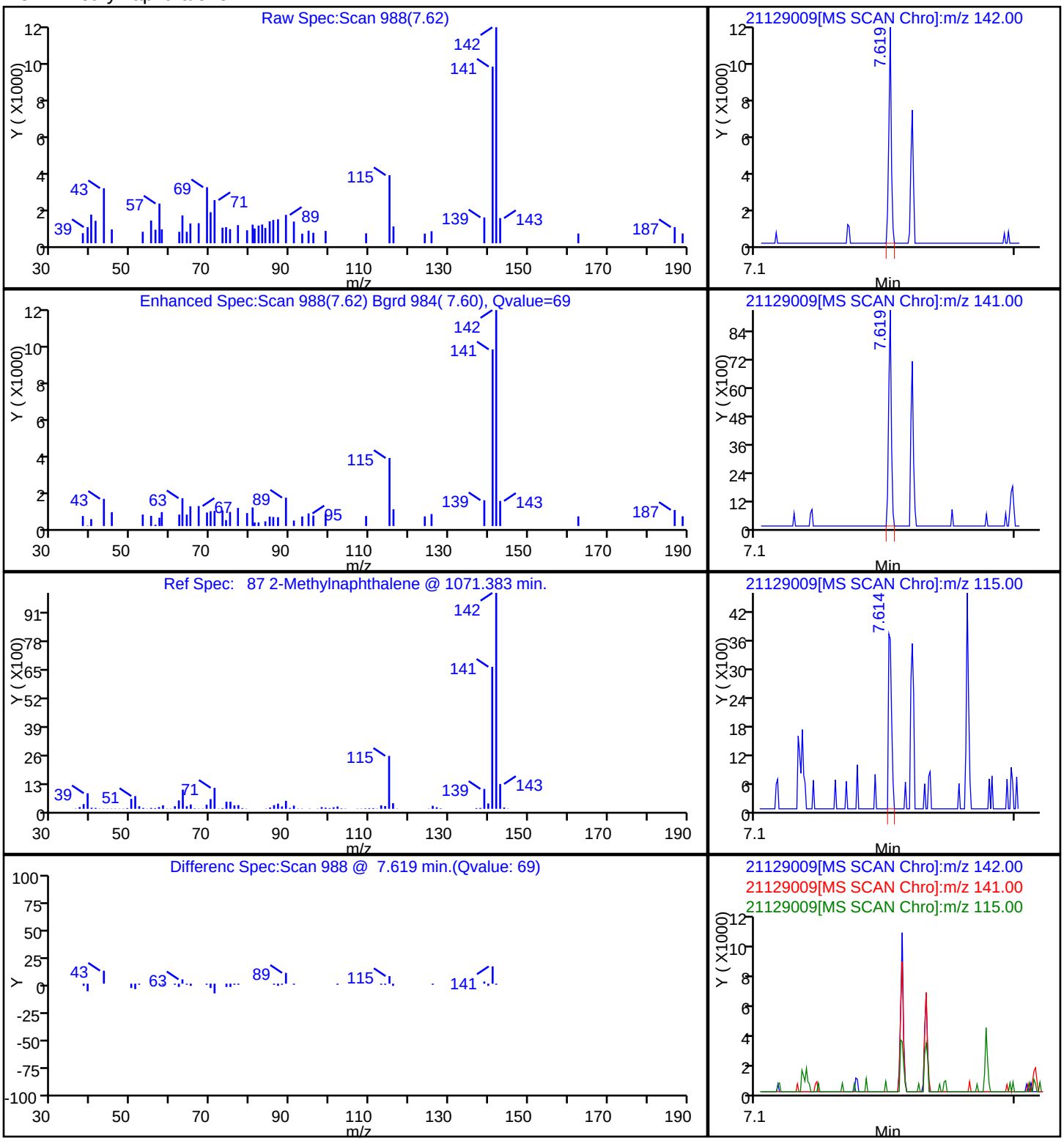
Report Date: 29-Nov-2012 12:55:56 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129009.D

Injection Date:	29-Nov-2012 11:17:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0006M-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	66702	Lims Sample ID:	9
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

87 2-Methylnaphthalene



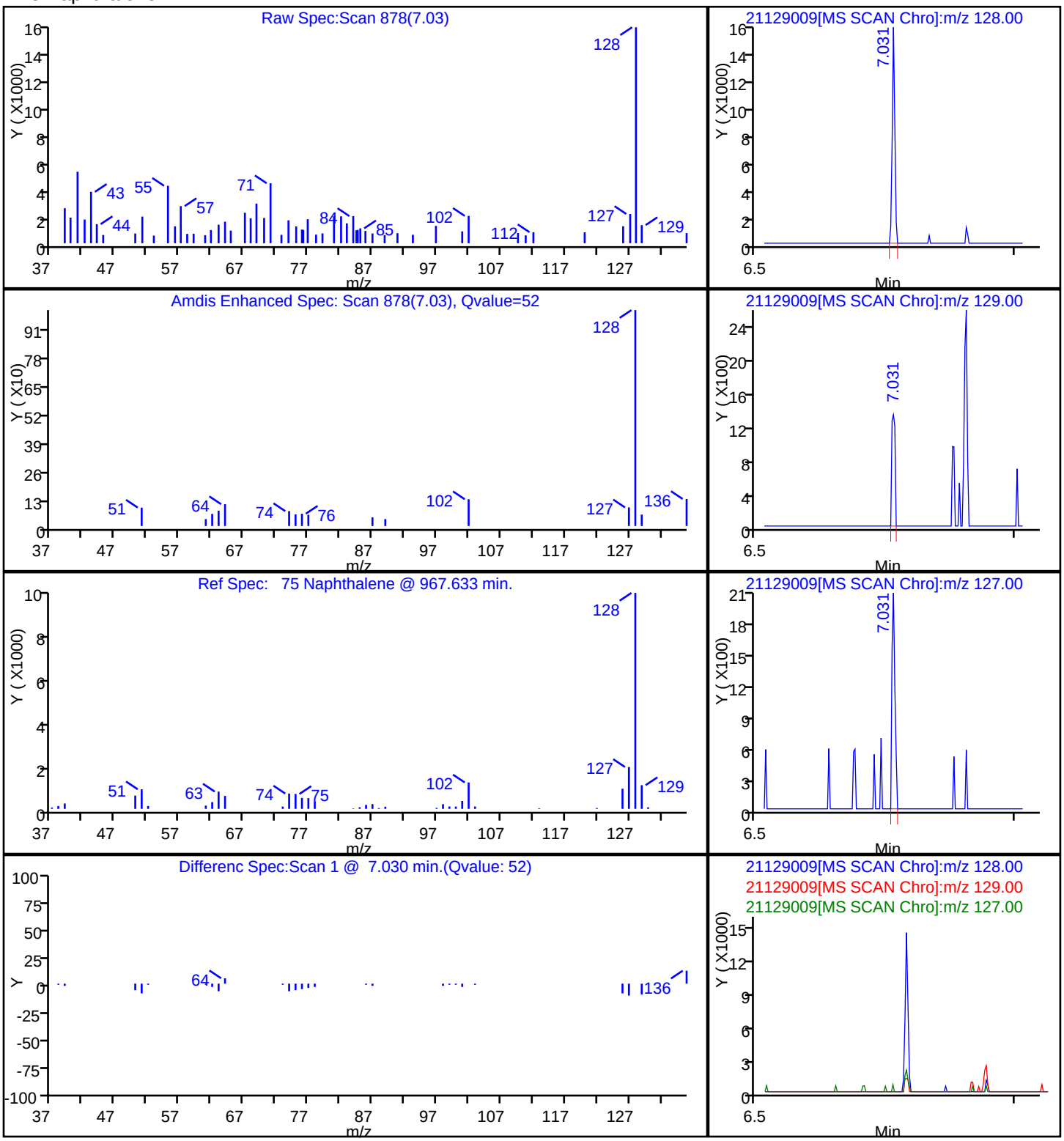
Report Date: 29-Nov-2012 12:55:56 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129009.D

Injection Date:	29-Nov-2012 11:17:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0006M-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	66702	Lims Sample ID:	9
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

75 Naphthalene

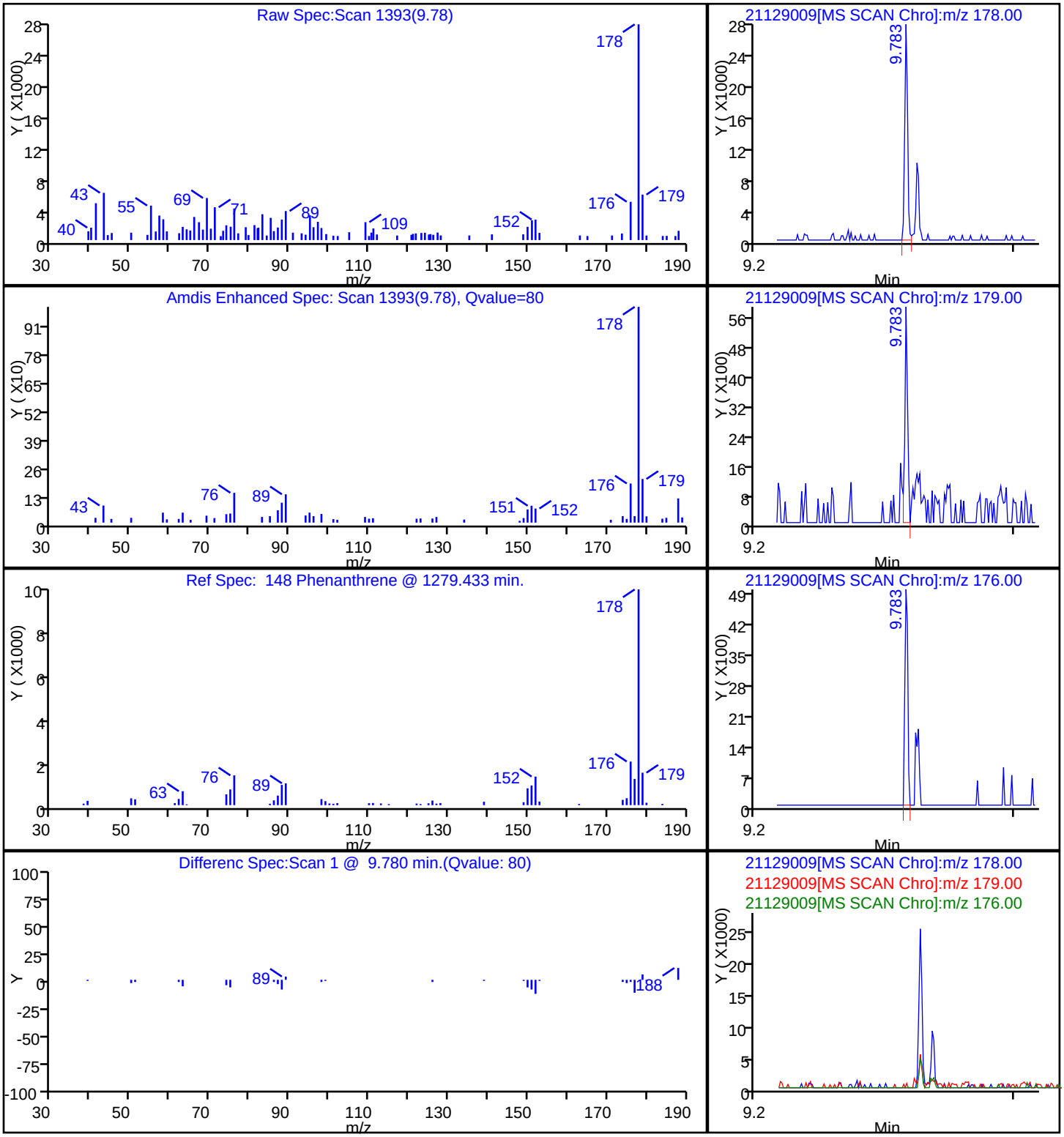


Report Date: 29-Nov-2012 12:55:56 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129009.D		
Injection Date:	29-Nov-2012 11:17:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0006M-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	66702	Lims Sample ID:	9
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

148 Phenanthrene



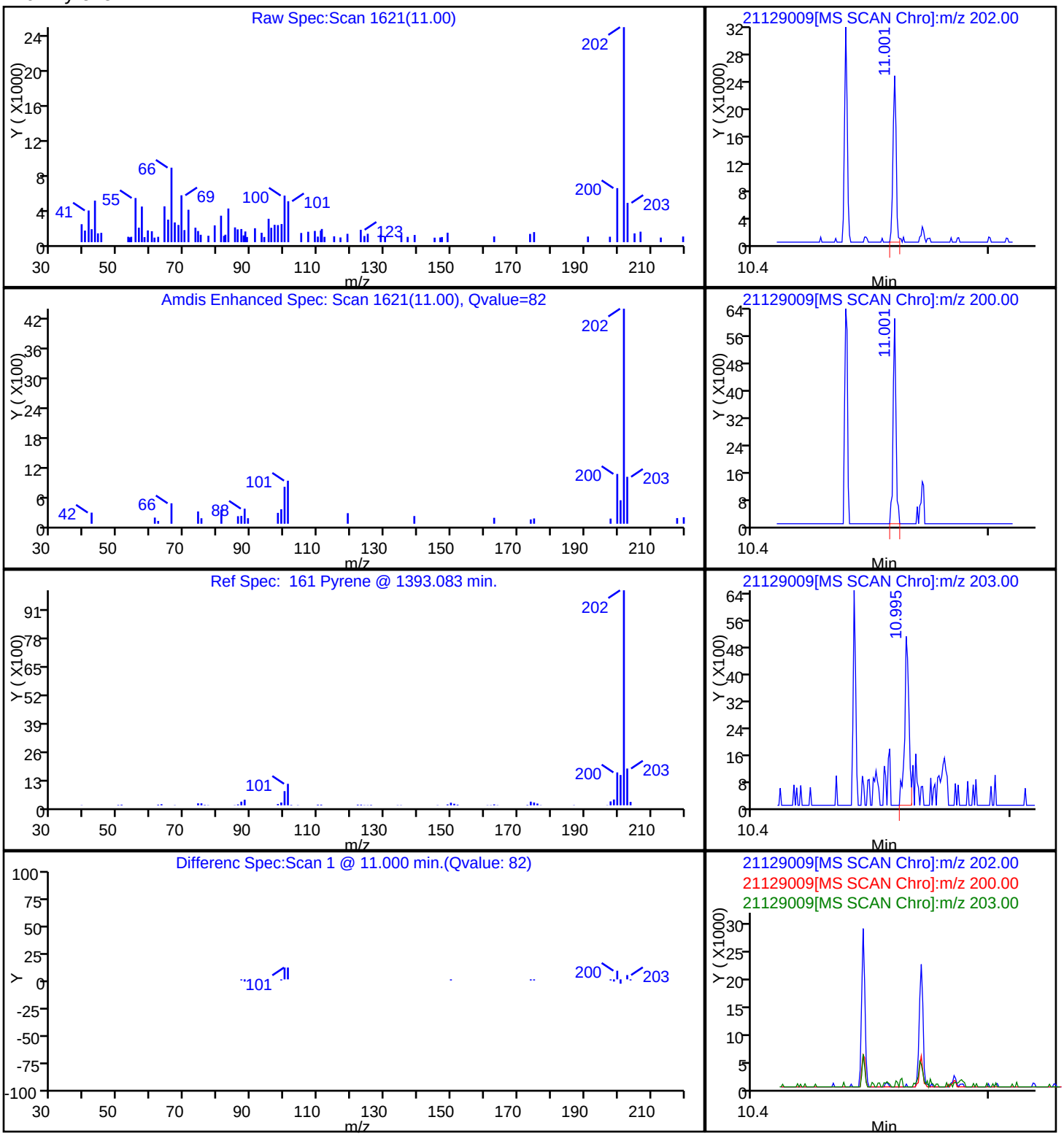
Report Date: 29-Nov-2012 12:55:56 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129009.D

Injection Date:	29-Nov-2012 11:17:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0006M-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	66702	Lims Sample ID:	9
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

161 Pyrene



Manual Integration/User Assign Peak Report

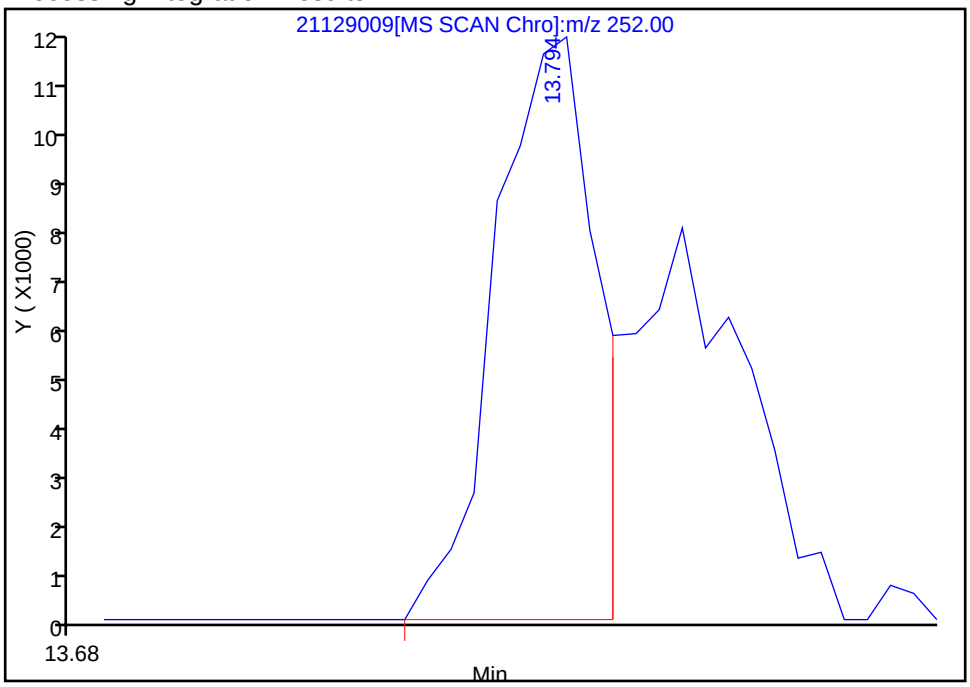
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129009.D		
Injection Date:	29-Nov-2012 11:17:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0006M-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	66702	Lims Sample ID:	9
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

183 Benzo[k]fluoranthene, Signal: 1, m/z: 252.0 Type: quant, RT: 13.83

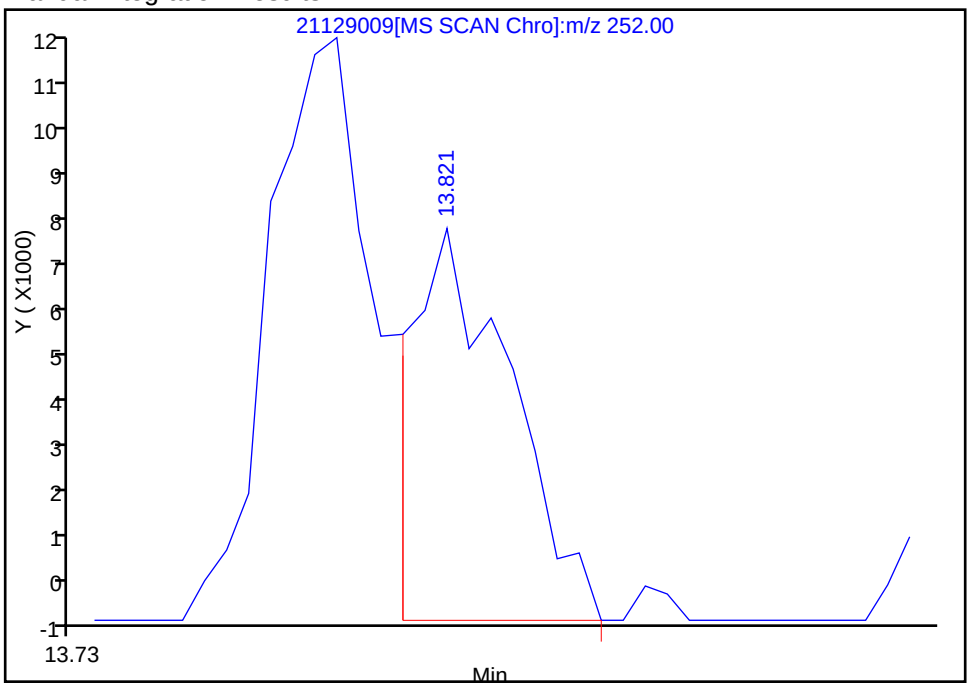
Processing Integration Results

RT: 13.79
Response: 19067
Amount: 0.228638



Manual Integration Results

RT: 13.82
Response: 13644
Amount: 0.163609



Reviewer: ulmanm, 29-Nov-2012 11:54:34
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: 068SS-0007M-0001-SO | Lab Sample ID: 240-17317-16

Matrix: Solid | Lab File ID: 21129010.D

Analysis Method: 8270C/DoD | Date Collected: 11/06/2012 16:15

Extract. Method: 3540C | Date Extracted: 11/16/2012 13:26

Sample wt/vol: 30.30(g) | Date Analyzed: 11/29/2012 11:41

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66702 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	7.0		6.6	3.3	3.3
208-96-8	Acenaphthylene	3.3	U	6.6	3.3	3.3
120-12-7	Anthracene	18		6.6	3.3	3.3
56-55-3	Benzo[a]anthracene	41		6.6	3.3	3.3
50-32-8	Benzo[a]pyrene	30		6.6	3.3	3.3
205-99-2	Benzo[b]fluoranthene	44		6.6	3.3	3.3
191-24-2	Benzo[g,h,i]perylene	20		6.6	3.3	3.3
65-85-0	Benzoic acid	330	U	650	330	330
207-08-9	Benzo[k]fluoranthene	19	M	6.6	3.3	3.3
100-51-6	Benzyl alcohol	27	U	330	27	21
111-91-1	Bis(2-chloroethoxy)methane	27	U	99	27	22
111-44-4	Bis(2-chloroethyl)ether	3.3	U	99	3.3	2.0
108-60-1	bis (2-chloroisopropyl) ether	27	U	99	27	9.4
117-81-7	Bis(2-ethylhexyl) phthalate	29	J	50	27	19
101-55-3	4-Bromophenyl phenyl ether	27	U	50	27	13
85-68-7	Butyl benzyl phthalate	27	U	50	27	9.9
86-74-8	Carbazole	27	U	50	27	27
106-47-8	4-Chloroaniline	27	U	150	27	17
59-50-7	4-Chloro-3-methylphenol	27	U	150	27	21
91-58-7	2-Chloronaphthalene	3.3	U	50	3.3	3.3
95-57-8	2-Chlorophenol	27	U	50	27	27
7005-72-3	4-Chlorophenyl phenyl ether	27	U	50	27	13
218-01-9	Chrysene	37		6.6	3.3	1.1
53-70-3	Dibenz(a,h)anthracene	3.3	U	6.6	3.3	3.3
132-64-9	Dibenzofuran	7.9	J	50	3.3	3.3
106-46-7	1,4-Dichlorobenzene	27	U	50	27	20
95-50-1	1,2-Dichlorobenzene	27	U	50	27	9.6
541-73-1	1,3-Dichlorobenzene	27	U	50	27	11
91-94-1	3,3'-Dichlorobenzidine	79	U	99	79	18
120-83-2	2,4-Dichlorophenol	27	U	150	27	20
84-66-2	Diethyl phthalate	27	U	50	27	16
105-67-9	2,4-Dimethylphenol	79	U	150	79	20
131-11-3	Dimethyl phthalate	27	U	50	27	17
84-74-2	Di-n-butyl phthalate	27	U	50	27	15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: 068SS-0007M-0001-SO | Lab Sample ID: 240-17317-16

Matrix: Solid | Lab File ID: 21129010.D

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Extract. Method: 3540C | Date Extracted: 11/16/2012 13:26

Sample wt/vol: 30.30(g) | Date Analyzed: 11/29/2012 11:41

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66702 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	79	U	150	79	79
51-28-5	2,4-Dinitrophenol	79	U	330	79	79
121-14-2	2,4-Dinitrotoluene	27	U	200	27	27
606-20-2	2,6-Dinitrotoluene	27	U	200	27	21
117-84-0	Di-n-octyl phthalate	27	U	50	27	27
206-44-0	Fluoranthene	88		6.6	3.3	3.3
86-73-7	Fluorene	9.0		6.6	3.3	3.3
118-74-1	Hexachlorobenzene	3.3	U	6.6	3.3	2.1
87-68-3	Hexachlorobutadiene	27	U	50	27	27
77-47-4	Hexachlorocyclopentadiene	27	U	330	27	27
67-72-1	Hexachloroethane	27	U	50	27	8.9
193-39-5	Indeno[1,2,3-cd]pyrene	18		6.6	3.3	3.3
78-59-1	Isophorone	27	U	50	27	13
91-57-6	2-Methylnaphthalene	9.8		6.6	3.3	3.3
95-48-7	2-Methylphenol	79	U	200	79	79
15831-10-4	3 & 4 Methylphenol	79	U	400	79	20
91-20-3	Naphthalene	9.7		6.6	3.3	3.3
88-74-4	2-Nitroaniline	27	U	200	27	9.0
99-09-2	3-Nitroaniline	79	U	200	79	16
100-01-6	4-Nitroaniline	27	U	200	27	26
98-95-3	Nitrobenzene	3.3	U	99	3.3	2.2
88-75-5	2-Nitrophenol	27	U	50	27	27
100-02-7	4-Nitrophenol	79	U	330	79	79
621-64-7	N-Nitrosodi-n-propylamine	27	U	50	27	27
86-30-6	N-Nitrosodiphenylamine	27	U	50	27	21
87-86-5	Pentachlorophenol	79	U	150	79	79
85-01-8	Phenanthrene	78		6.6	3.3	3.3
108-95-2	Phenol	27	U	50	27	27
129-00-0	Pyrene	65		6.6	3.3	3.3
120-82-1	1,2,4-Trichlorobenzene	27	U	50	27	27
95-95-4	2,4,5-Trichlorophenol	27	U	150	27	25
88-06-2	2,4,6-Trichlorophenol	79	U	150	79	79

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: 068SS-0007M-0001-SO | Lab Sample ID: 240-17317-16

Matrix: Solid | Lab File ID: 21129010.D

Analysis Method: 8270C/DoD | Date Collected: 11/06/2012 16:15

Extract. Method: 3540C | Date Extracted: 11/16/2012 13:26

Sample wt/vol: 30.30(g) | Date Analyzed: 11/29/2012 11:41

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66702 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	65		45-105
367-12-4	2-Fluorophenol (Surr)	63		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	62		35-100
1718-51-0	Terphenyl-d14 (Surr)	78		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	77		35-125
4165-62-2	Phenol-d5 (Surr)	69		40-100

Report Date: 29-Nov-2012 12:55:57 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129010.D
Lims ID: 240-17317-A-16-D Client ID: 068SS-0007M-0001-SO
Inject. Date: 29-Nov-2012 11:41:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0015370-010
Misc. Info.: 240-17317-A-16-D =240-17317-A-16-D
Operator: 001574 Instrument ID: A4HP9
Injection Vol: 1.0 ul ALS Bottle#: 10
Lims Batch ID: 66702 Lims Sample ID: 10
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121129-15370.b\8270 _9.m
Last Update: 29-Nov-2012 12:55:48 Calib Date: 28-Nov-2012 18:11:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121128-15348.b\21127110.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: 5% phenyl Column Dia: 0.18 mm
Process Host: XAWRK030

First Level Reviewer: ulmanm Date: 29-Nov-2012 12:17:02

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.909	5.907	0.002	85	67630	4.00	
* 2 Naphthalene-d8	136	7.015	7.013	0.002	98	278435	4.00	
* 3 Acenaphthene-d10	164	8.505	8.503	0.002	82	167315	4.00	
* 4 Phenanthrene-d10	188	9.761	9.764	-0.003	97	274387	4.00	
* 5 Chrysene-d12	240	12.304	12.307	-0.003	80	267715	4.00	
* 6 Perylene-d12	264	14.366	14.374	-0.008	94	247866	4.00	
$ 7 2-Fluorophenol	112	4.739	4.662	0.077	93	258533	9.50	
$ 8 Phenol-d5	99	5.557	5.544	0.013	0	389237	10.3	
$ 9 Nitrobenzene-d5	82	6.390	6.388	0.002	83	243425	6.22	
$ 10 2-Fluorobiphenyl (Surr)	172	7.918	7.921	-0.003	99	331351	6.52	
$ 11 2,4,6-Tribromophenol	330	9.168	9.171	-0.003	84	69410	11.5	
$ 12 Terphenyl-d14	244	11.118	11.121	-0.003	97	416159	7.84	
43 Phenol	94		5.560					9
69 Bis(2-chloroethyl)ether	93		5.656					9
46 2-Chlorophenol	128		5.709					
47 1,3-Dichlorobenzene	146		5.853					9
48 1,4-Dichlorobenzene	146		5.918					9
49 Benzyl alcohol	108		6.014					9
50 1,2-Dichlorobenzene	146		6.056					
51 2-Methylphenol	108		6.099					9
53 2,2'-oxybis[1-chloropropane]	45		6.137					
21 3 & 4 Methylphenol	108	6.235	6.233	0.002	63	5377	0.1890	
57 N-Nitrosodi-n-propylamine	70		6.243					9
61 Hexachloroethane	117		6.356					
62 Nitrobenzene	77		6.404					
64 Isophorone	82	6.609	6.607	0.002	63	11114	0.1536	
66 2-Nitrophenol	139		6.676					9
65 2,4-Dimethylphenol	107		6.697					9
71 Benzoic acid	122		6.756					9
70 Bis(2-chloroethoxy)methane	93		6.783					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
73 2,4-Dichlorophenol	162		6.879					
74 1,2,4-Trichlorobenzene	180		6.959					
75 Naphthalene	128	7.031	7.034	-0.003	24	10321	0.1472	
76 4-Chloroaniline	127		7.066					9
79 Hexachlorobutadiene	225		7.130					
86 4-Chloro-3-methylphenol	107		7.456					
87 2-Methylnaphthalene	142	7.619	7.622	-0.003	59	6894	0.1483	
89 Hexachlorocyclopentadiene	237		7.750					
92 2,4,6-Trichlorophenol	196		7.846					
93 2,4,5-Trichlorophenol	196		7.878					
100 2-Chloronaphthalene	162		8.033					
102 2-Nitroaniline	65		8.108					
105 Dimethyl phthalate	163		8.247					9
107 2,6-Dinitrotoluene	165		8.305					9
109 Acenaphthylene	152		8.391					9
110 3-Nitroaniline	138		8.450					
111 2,4-Dinitrophenol	184		8.535					
112 Acenaphthene	153	8.532	8.535	-0.003	40	4683	0.1062	
113 4-Nitrophenol	109		8.567					9
114 2,4-Dinitrotoluene	165		8.647					9
116 Dibenzofuran	168	8.676	8.679	-0.003	56	7449	0.1192	
121 Diethyl phthalate	149	8.837	8.840	-0.003	66	9185	0.1819	
123 4-Chlorophenyl phenyl ether	204		8.957					9
125 4-Nitroaniline	138		8.968					
126 Fluorene	166	8.965	8.968	-0.003	63	7228	0.1360	
128 4,6-Dinitro-2-methylphenol	198		8.989					
131 N-Nitrosodiphenylamine	169		9.048					9
139 4-Bromophenyl phenyl ether	248		9.374					9
141 Hexachlorobenzene	284		9.433					
143 Pentachlorophenol	266		9.593					
148 Phenanthrene	178	9.782	9.785	-0.003	84	90569	1.18	
149 Anthracene	178	9.825	9.828	-0.003	86	20399	0.2713	
151 Carbazole	167	9.948	9.951	-0.003	55	14923	0.2225	
154 Di-n-butyl phthalate	149		10.213					
159 Fluoranthene	202	10.797	10.795	0.002	89	114201	1.34	
161 Pyrene	202	11.000	11.003	-0.003	93	89297	0.9802	
168 Butyl benzyl phthalate	149		11.596					
175 3,3'-Dichlorobenzidine	252		12.243					
173 Bis(2-ethylhexyl) phthalate	149	12.266	12.269	-0.003	82	22857	0.4430	
177 Benzo[a]anthracene	228	12.288	12.296	-0.008	79	49383	0.6195	
178 Chrysene	228	12.336	12.344	-0.008	72	42056	0.5662	
180 Di-n-octyl phthalate	149		13.177					
182 Benzo[b]fluoranthene	252	13.789	13.797	-0.008	80	53836	0.6635	
183 Benzo[k]fluoranthene	252	13.821	13.835	-0.014	1	24465	0.2846	M
184 Benzo[a]pyrene	252	14.286	14.294	-0.008	47	34913	0.4573	
188 Indeno[1,2,3-cd]pyrene	276	16.022	16.030	-0.008	77	23937	0.2782	
189 Dibenz(a,h)anthracene	278		16.057					
190 Benzo[g,h,i]perylene	276	16.460	16.474	-0.014	63	21950	0.3008	

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

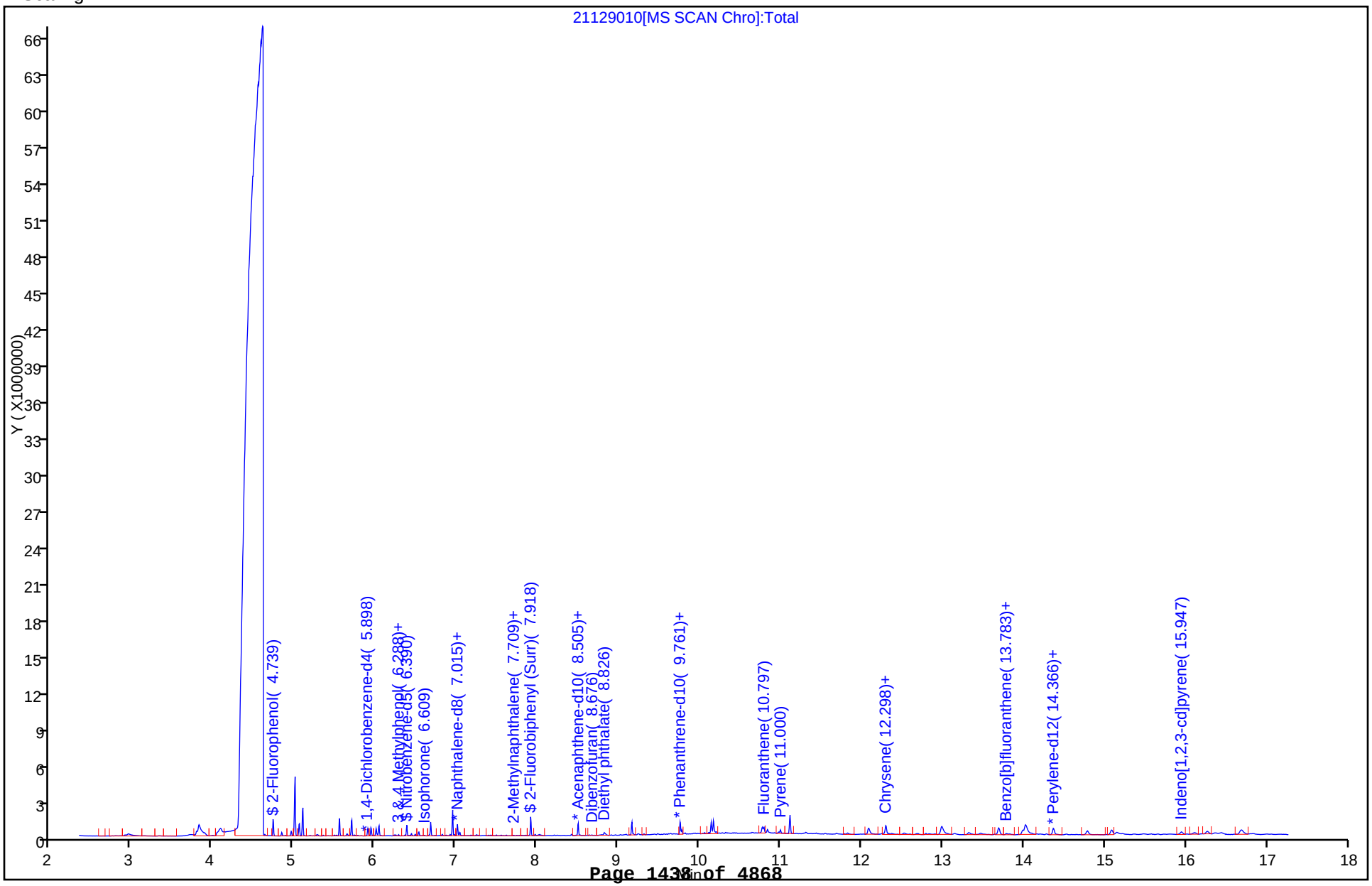
Review Flags
M - Manually Integrated

Report Date: 29-Nov-2012 12:55:57 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129010.D		
Injection Date:	29-Nov-2012 11:41:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0007M-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	66702	Lims Sample ID:	10
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



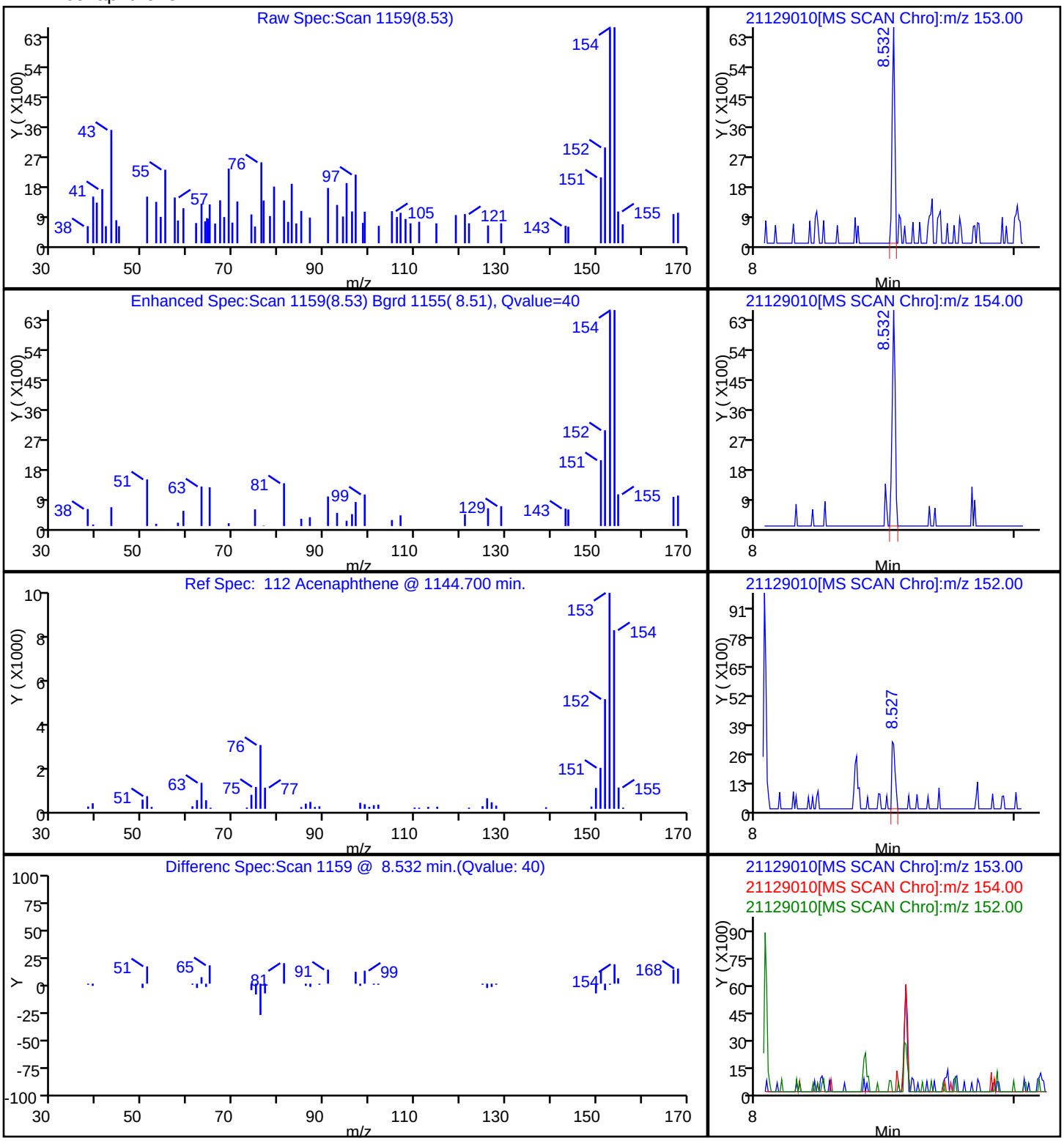
Report Date: 29-Nov-2012 12:55:57 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129010.D

Injection Date:	29-Nov-2012 11:41:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0007M-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	66702	Lims Sample ID:	10
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

112 Acenaphthene



Report Date: 29-Nov-2012 12:55:57 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

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Injection Date:	29-Nov-2012 11:41:30	Limit Group:	MSS 8270 DOD ICAL
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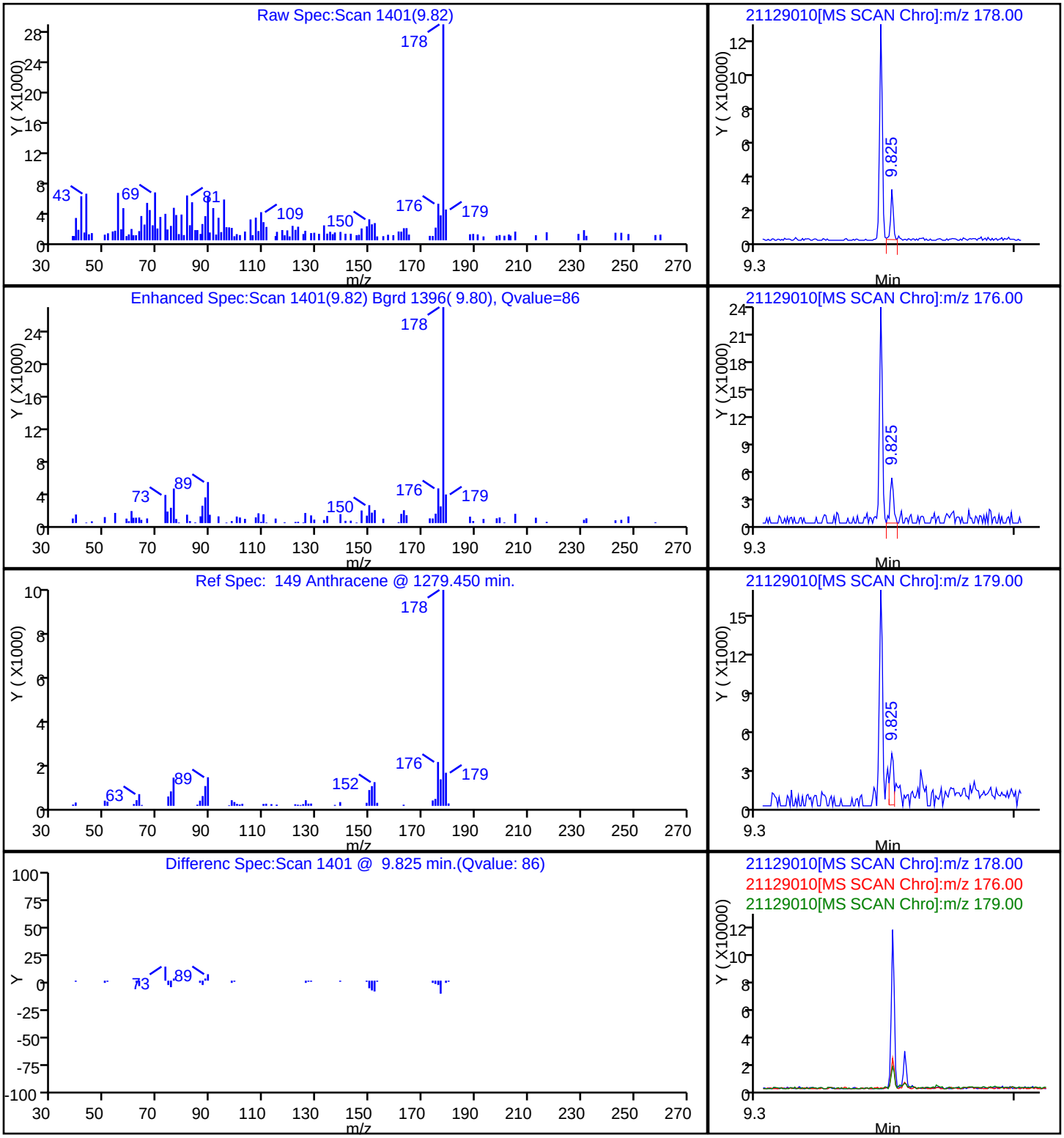
Lims Batch ID:	66702	Lims Sample ID:	10
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

149 Anthracene



Report Date: 29-Nov-2012 12:55:57 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

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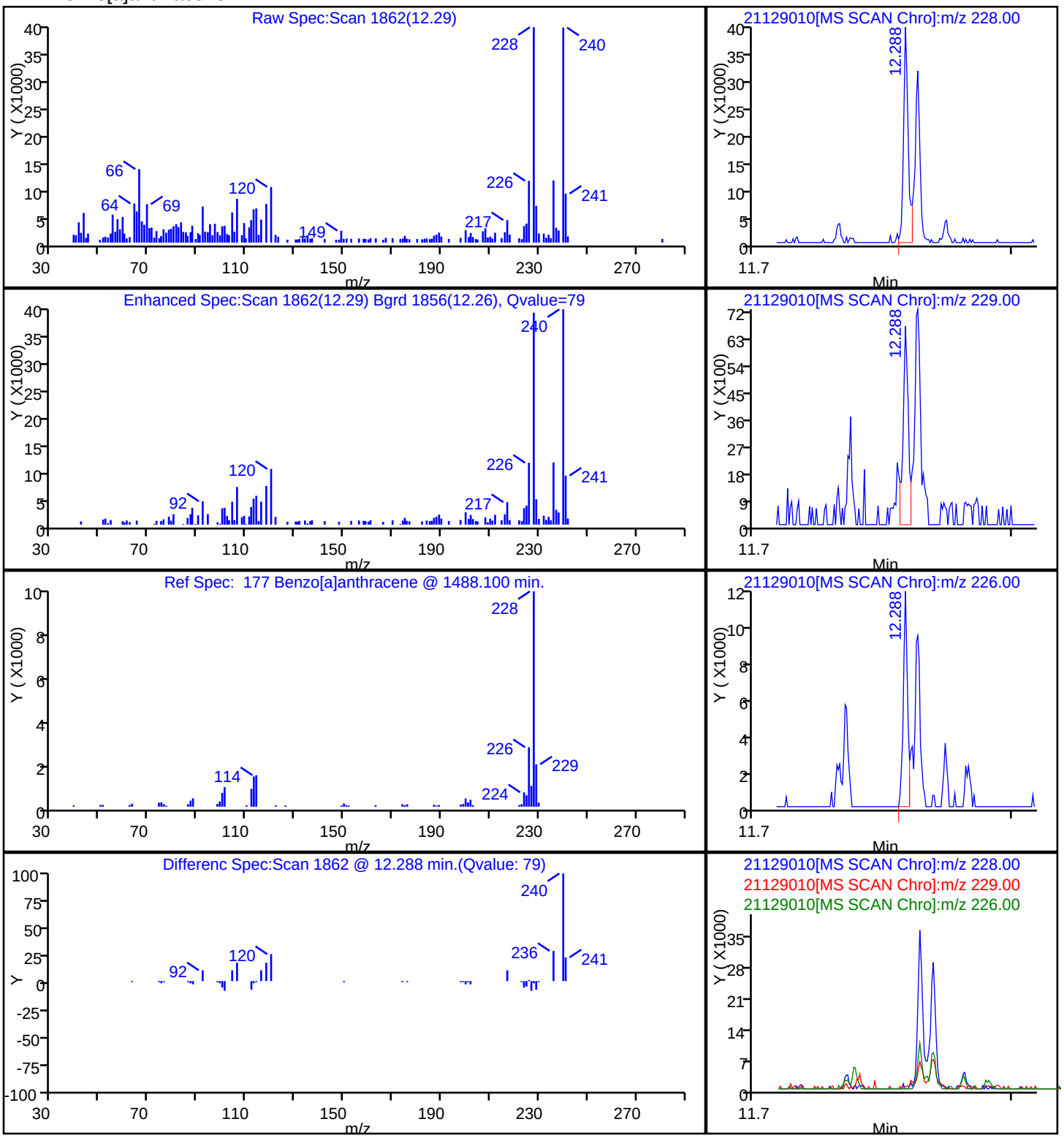
Injection Date:	29-Nov-2012 11:41:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0007M-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	66702	Lims Sample ID:	10
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

177 Benzo[a]anthracene



Report Date: 29-Nov-2012 12:55:57 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

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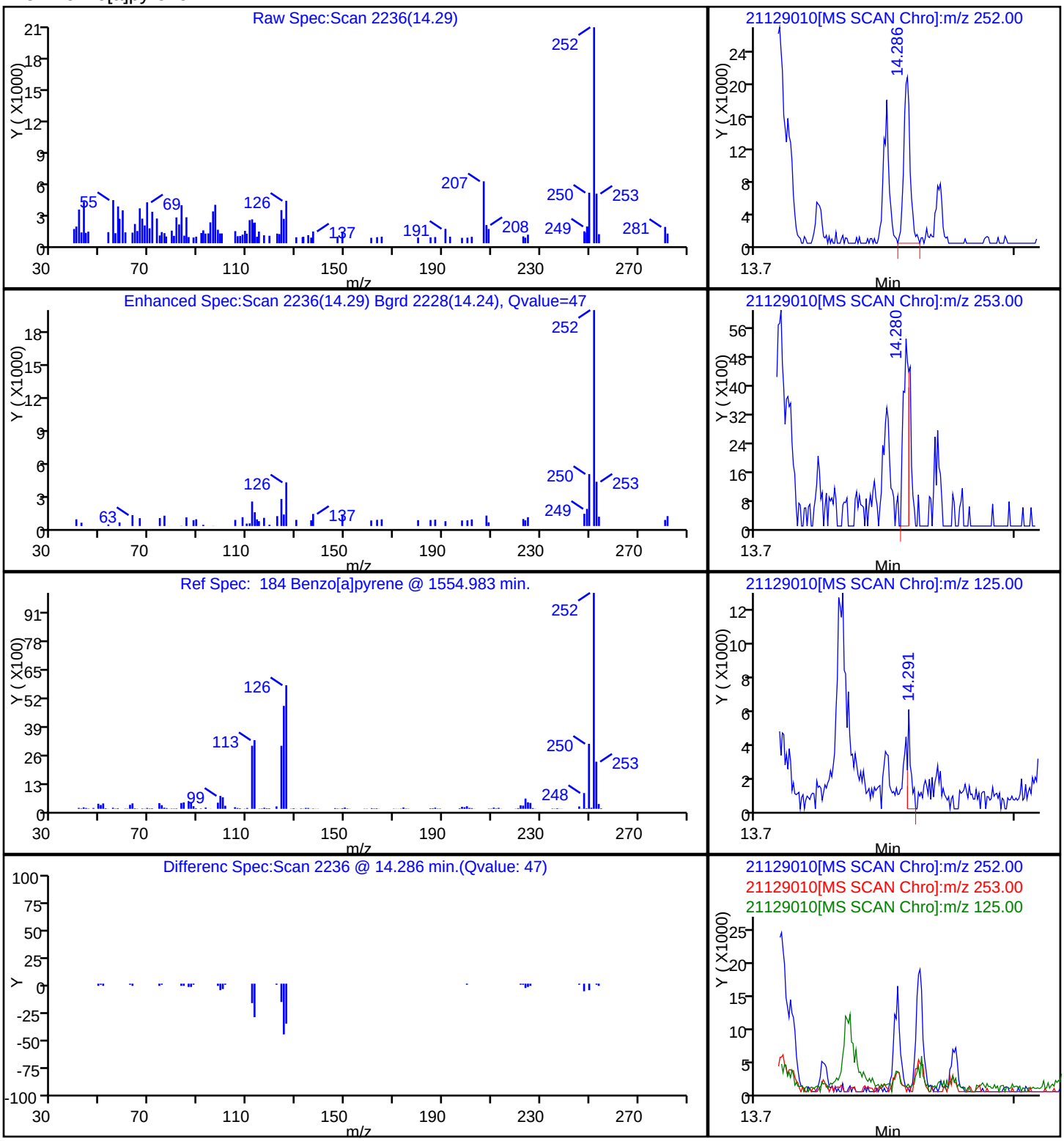
Client ID:	068SS-0007M-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	66702	Lims Sample ID:	10
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

184 Benzo[a]pyrene



Report Date: 29-Nov-2012 12:55:57 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

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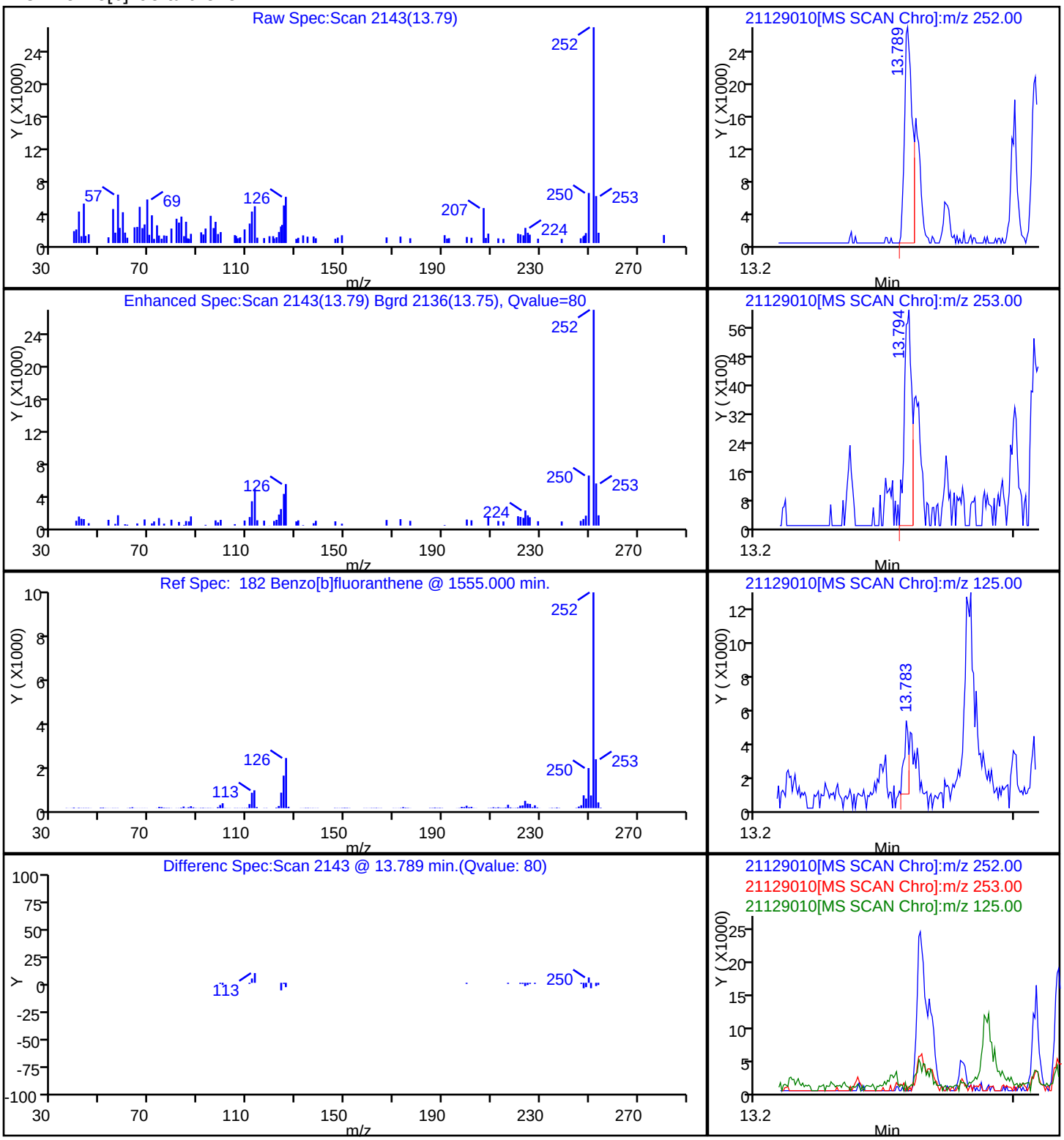
Injection Date:	29-Nov-2012 11:41:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0007M-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	66702	Lims Sample ID:	10
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

182 Benzo[b]fluoranthene



Report Date: 29-Nov-2012 12:55:57 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

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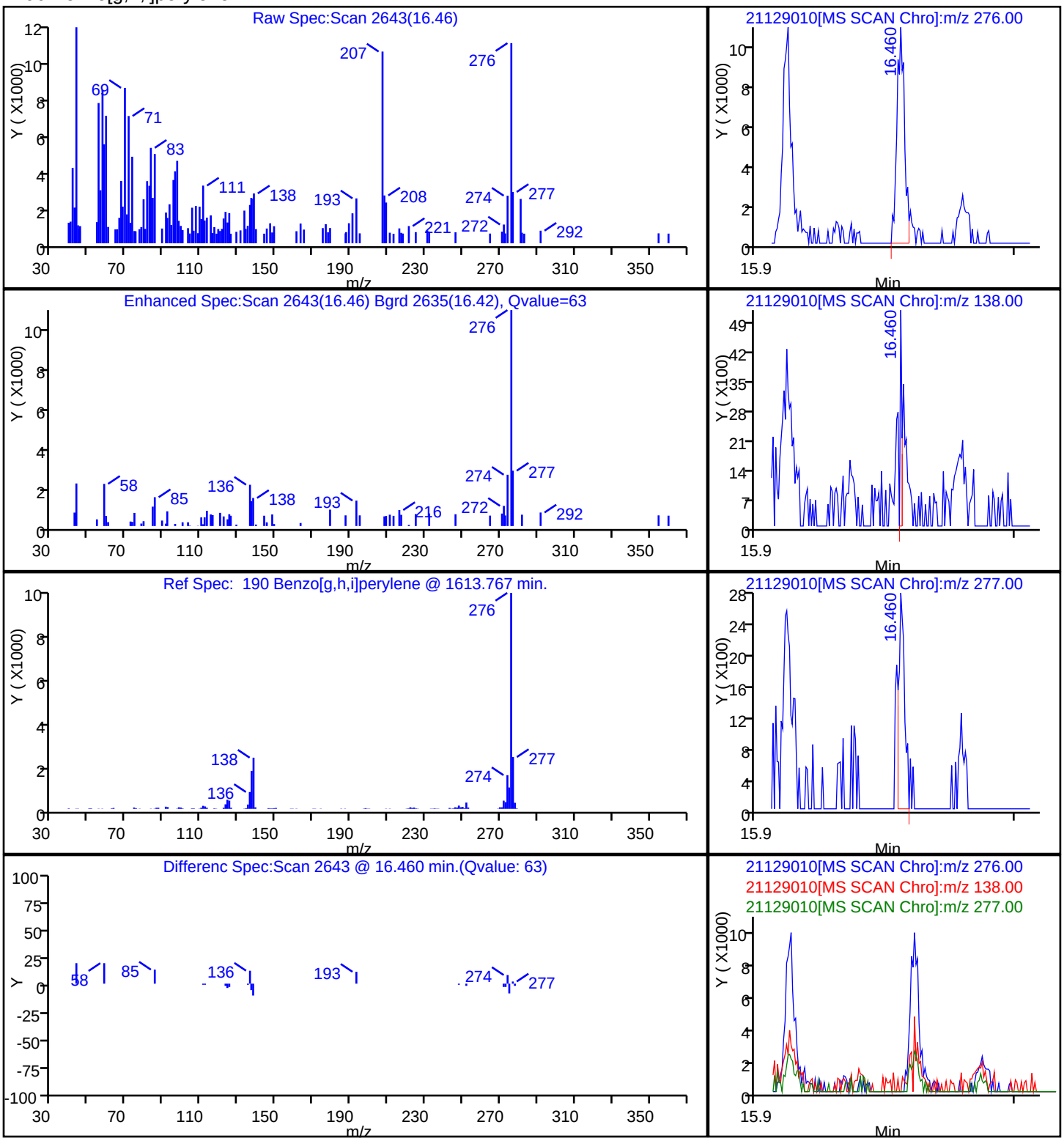
Injection Date:	29-Nov-2012 11:41:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0007M-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	66702	Lims Sample ID:	10
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

190 Benzo[g,h,i]perylene



Report Date: 29-Nov-2012 12:55:57 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

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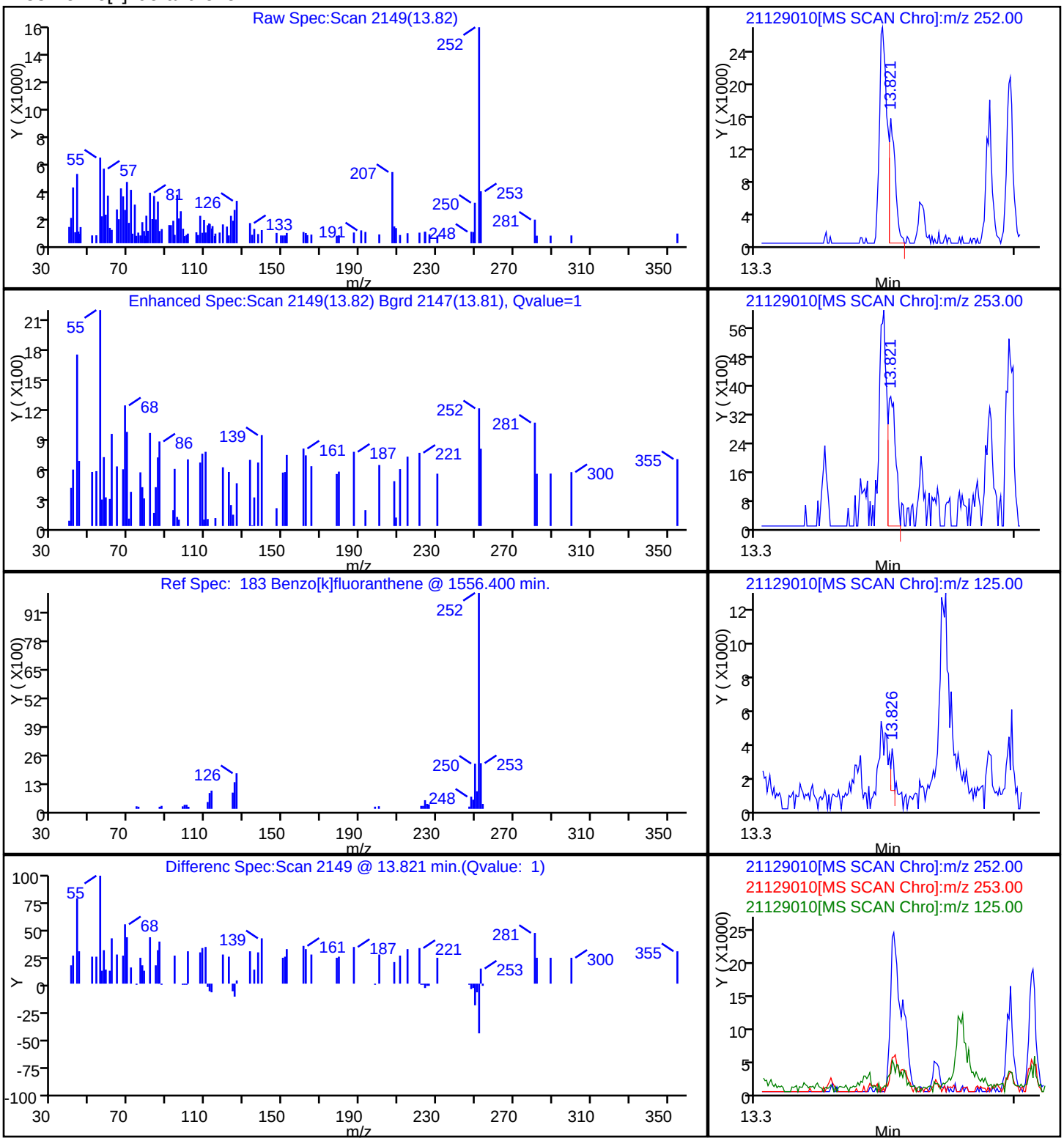
Injection Date:	29-Nov-2012 11:41:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0007M-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	66702	Lims Sample ID:	10
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

183 Benzo[k]fluoranthene



Report Date: 29-Nov-2012 12:55:57 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

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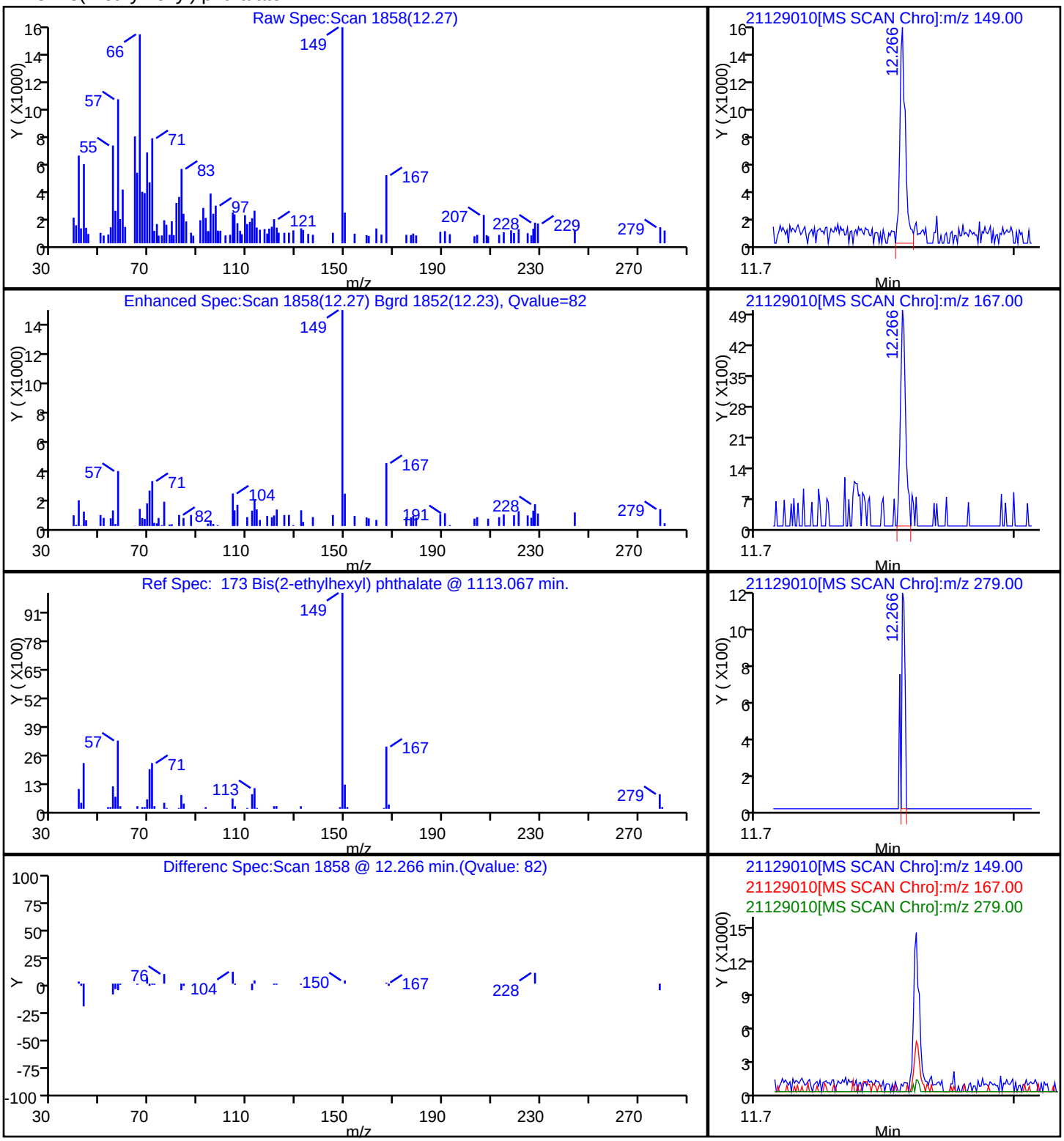
Injection Date:	29-Nov-2012 11:41:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0007M-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	66702	Lims Sample ID:	10
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

173 Bis(2-ethylhexyl) phthalate



Report Date: 29-Nov-2012 12:55:57 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

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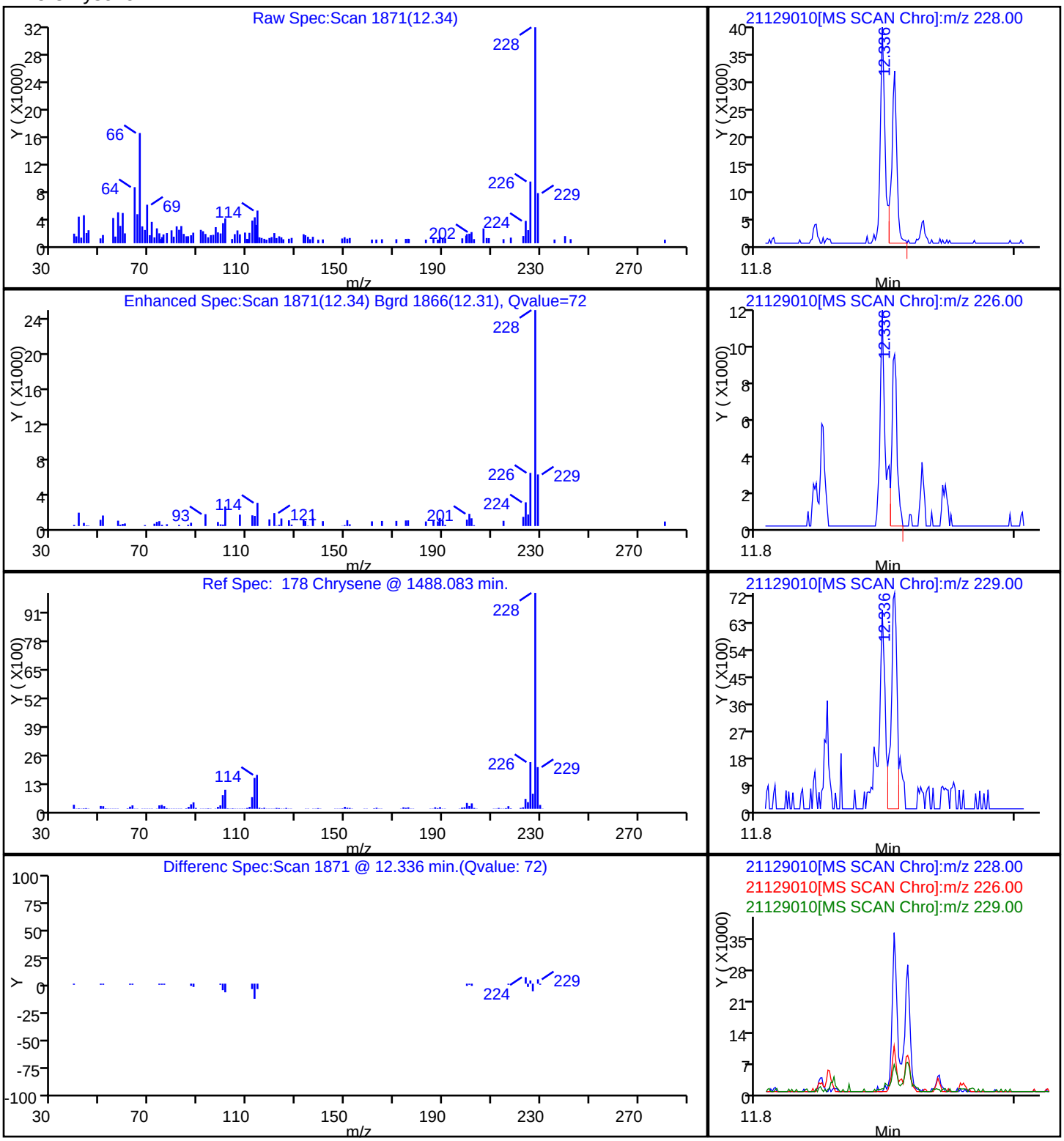
Injection Date:	29-Nov-2012 11:41:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0007M-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	66702	Lims Sample ID:	10
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

178 Chrysene



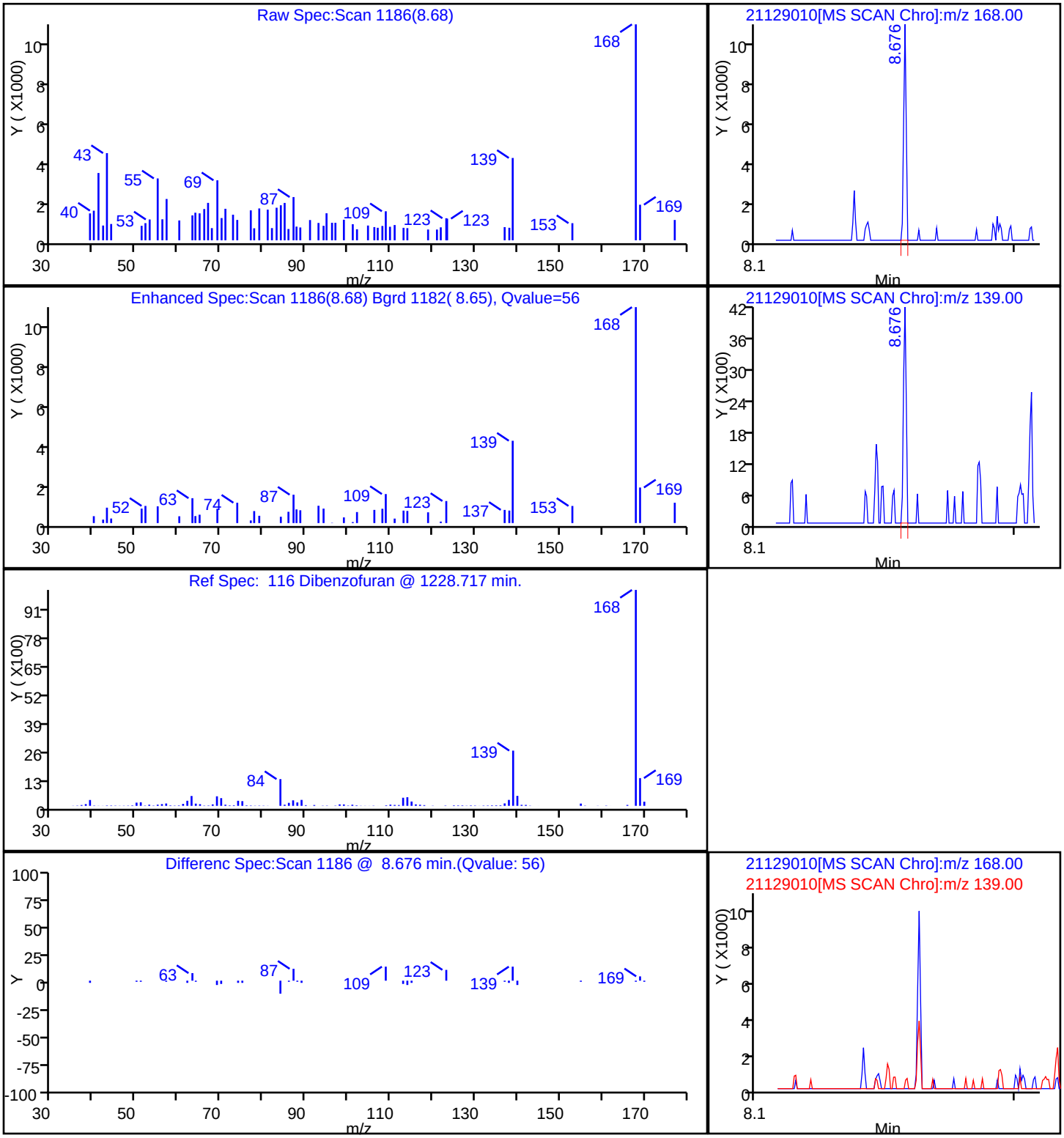
Report Date: 29-Nov-2012 12:55:57 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129010.D

Injection Date:	29-Nov-2012 11:41:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0007M-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	66702	Lims Sample ID:	10
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

116 Dibenzofuran



Report Date: 29-Nov-2012 12:55:57 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

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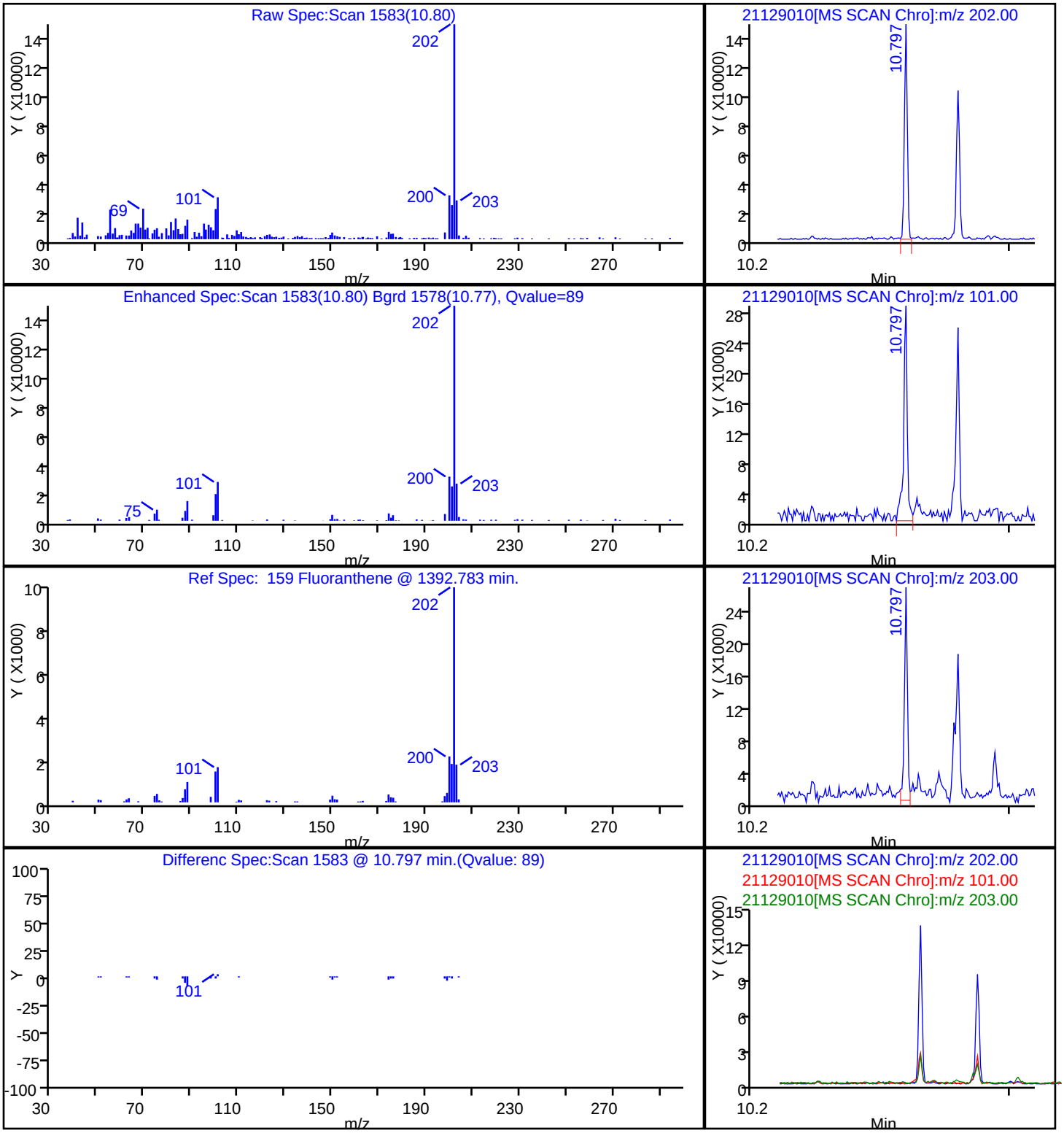
Client ID:	068SS-0007M-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	66702	Lims Sample ID:	10
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

159 Fluoranthene



Report Date: 29-Nov-2012 12:55:57 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

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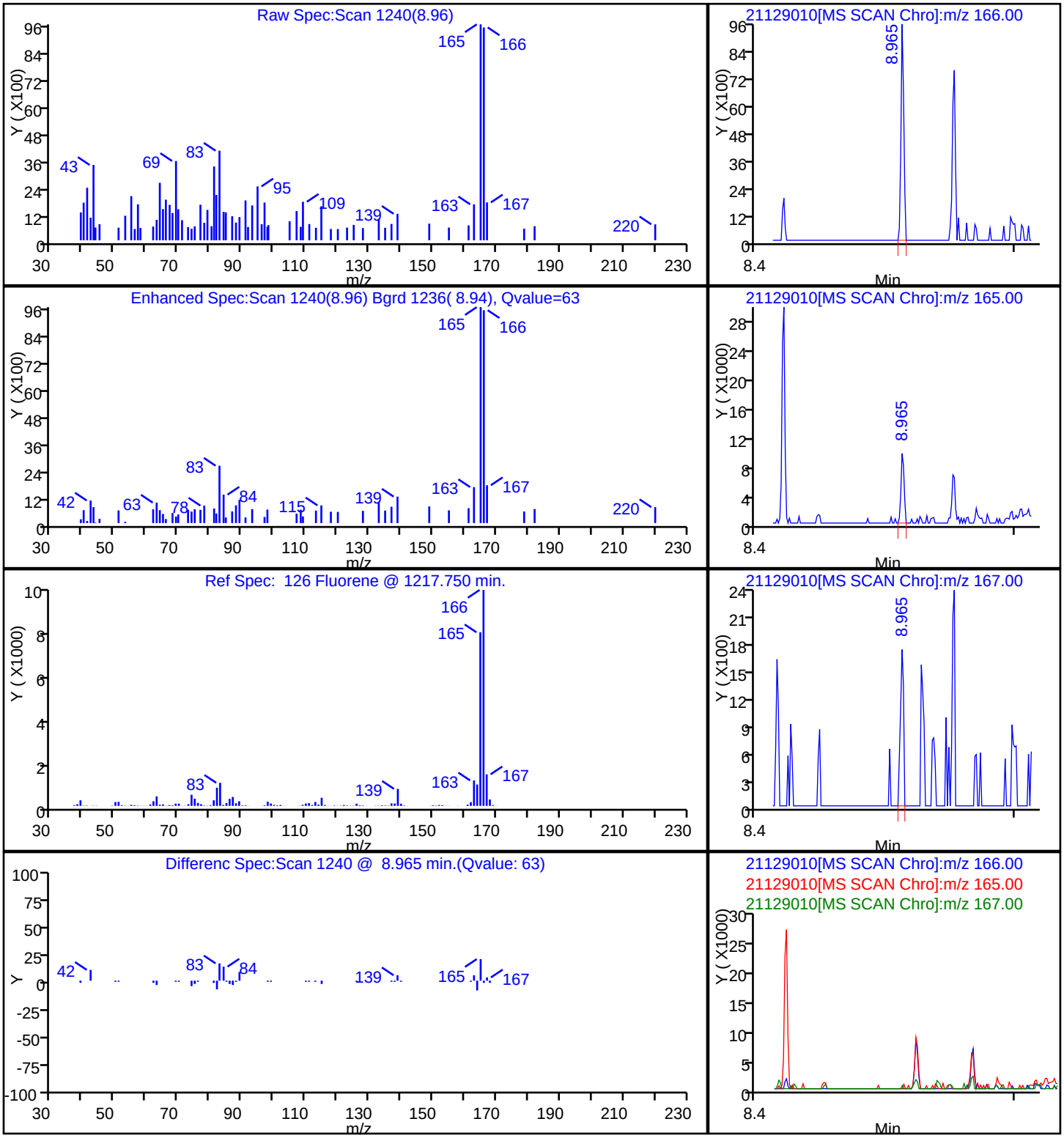
Client ID:	068SS-0007M-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	66702	Lims Sample ID:	10
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

126 Fluorene



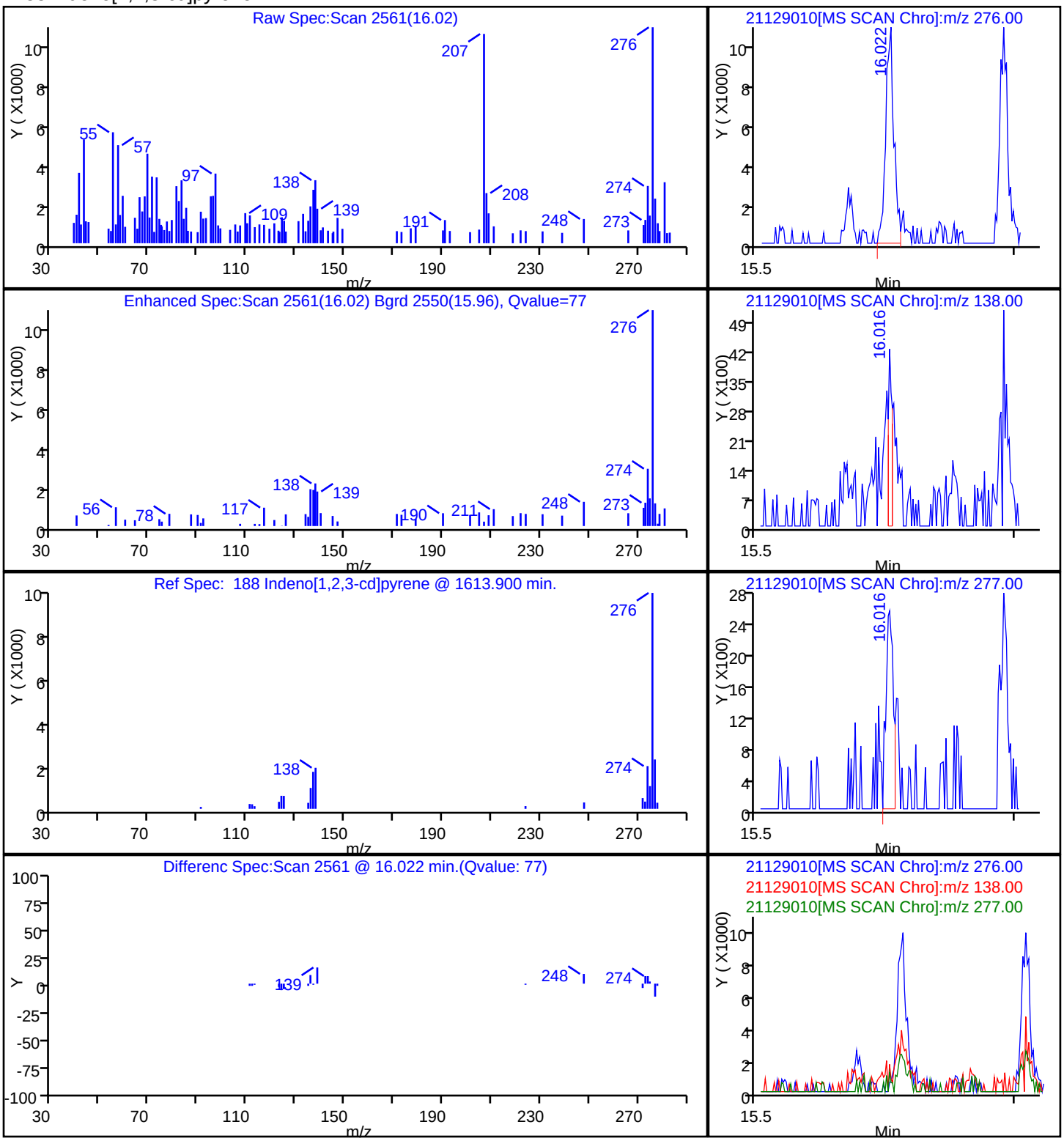
Report Date: 29-Nov-2012 12:55:57 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129010.D

Injection Date:	29-Nov-2012 11:41:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0007M-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	66702	Lims Sample ID:	10
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

188 Indeno[1,2,3-cd]pyrene



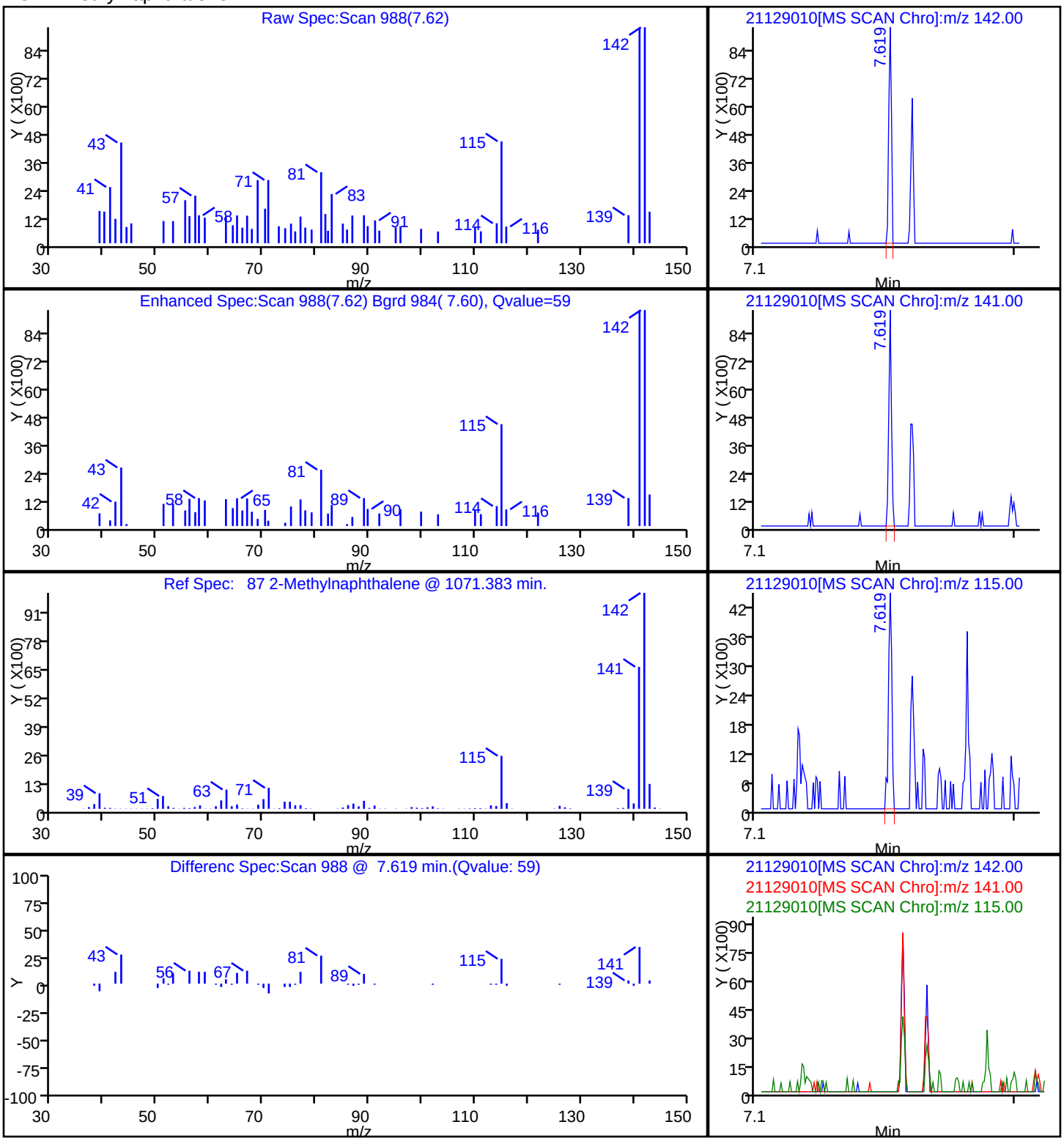
Report Date: 29-Nov-2012 12:55:57 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129010.D

Injection Date:	29-Nov-2012 11:41:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0007M-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	66702	Lims Sample ID:	10
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

87 2-Methylnaphthalene



Report Date: 29-Nov-2012 12:55:57 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

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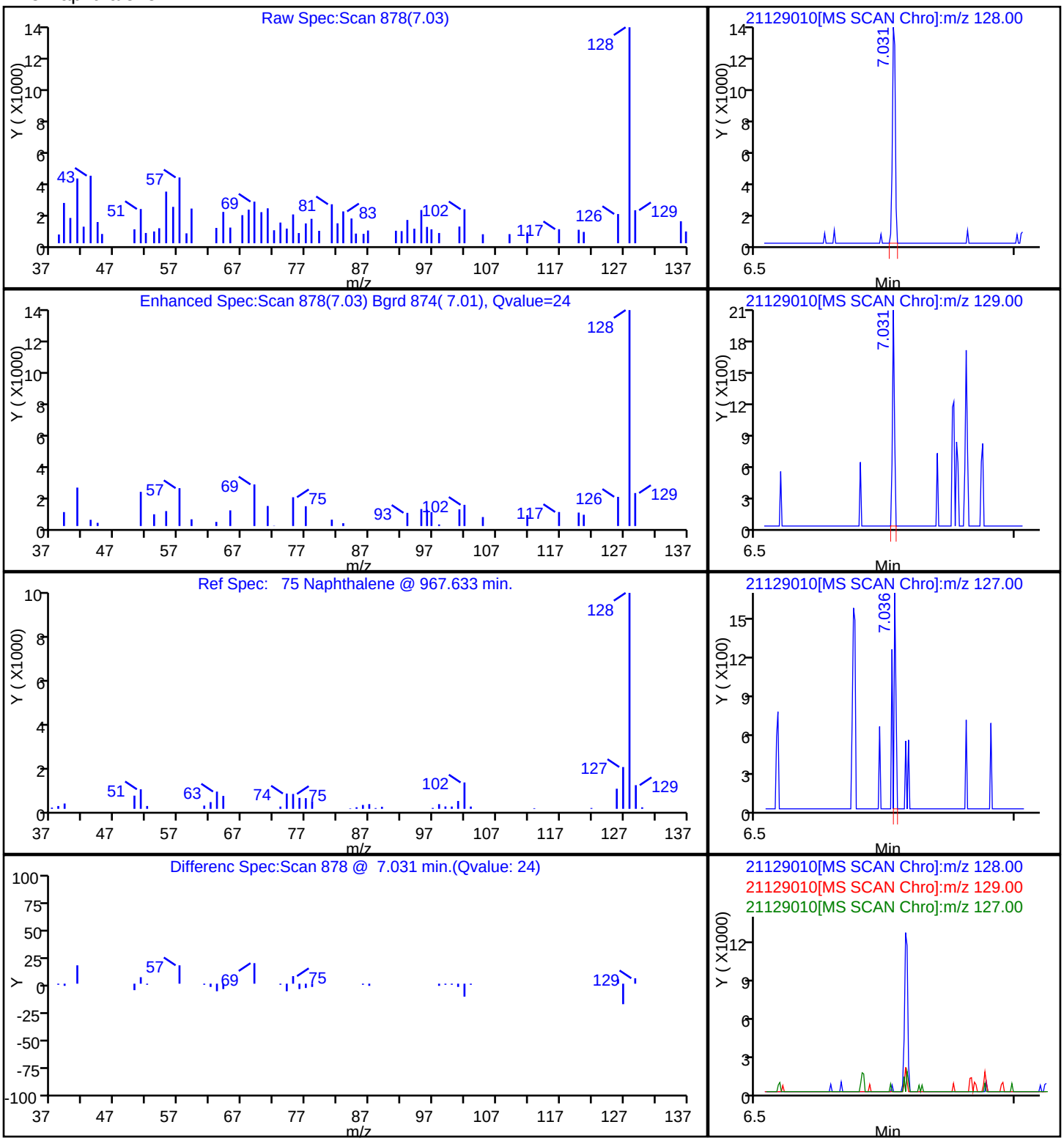
Client ID:	068SS-0007M-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	66702	Lims Sample ID:	10
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

75 Naphthalene



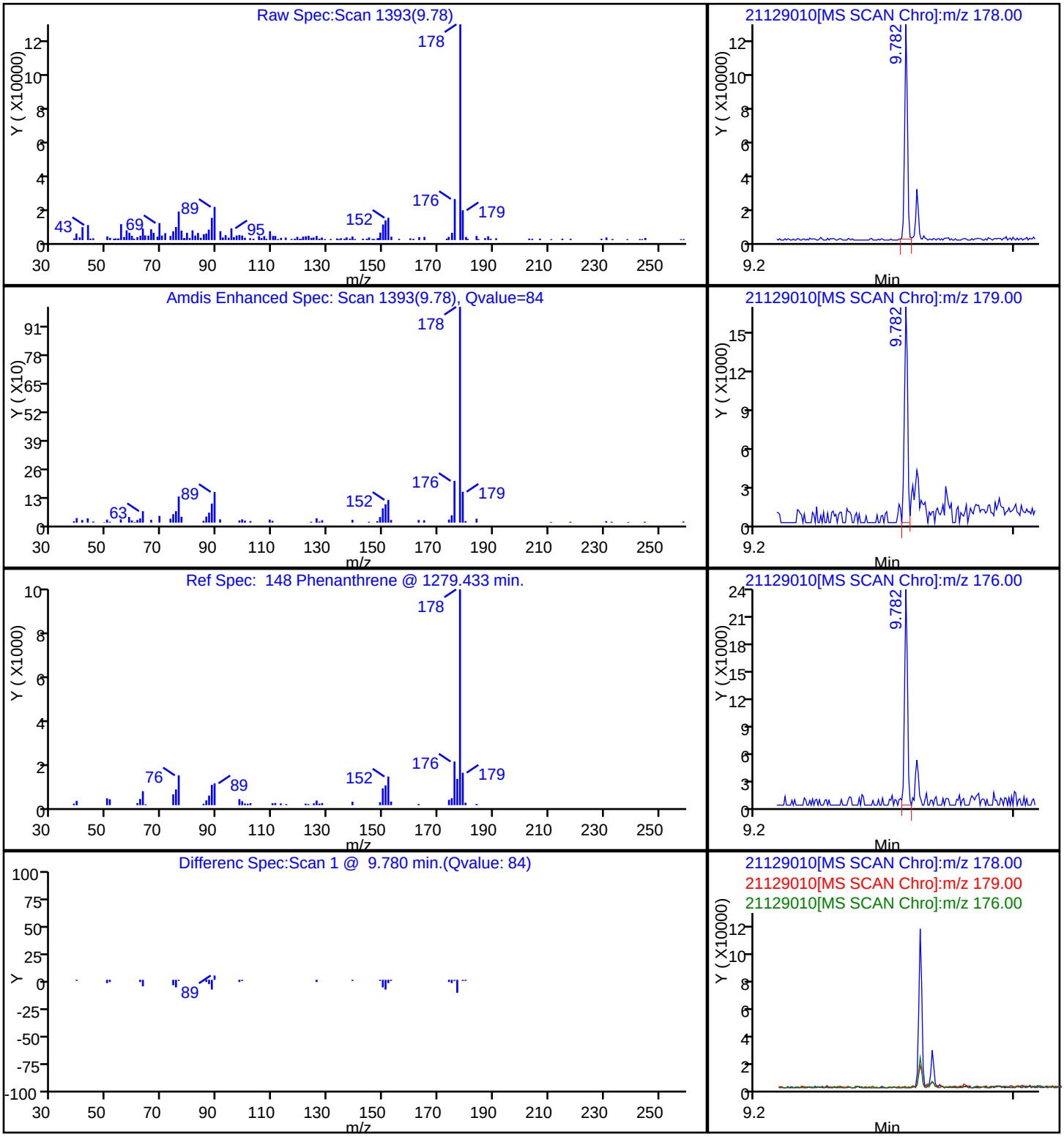
Report Date: 29-Nov-2012 12:55:57 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129010.D

Injection Date:	29-Nov-2012 11:41:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0007M-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	66702	Lims Sample ID:	10
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

148 Phenanthrene

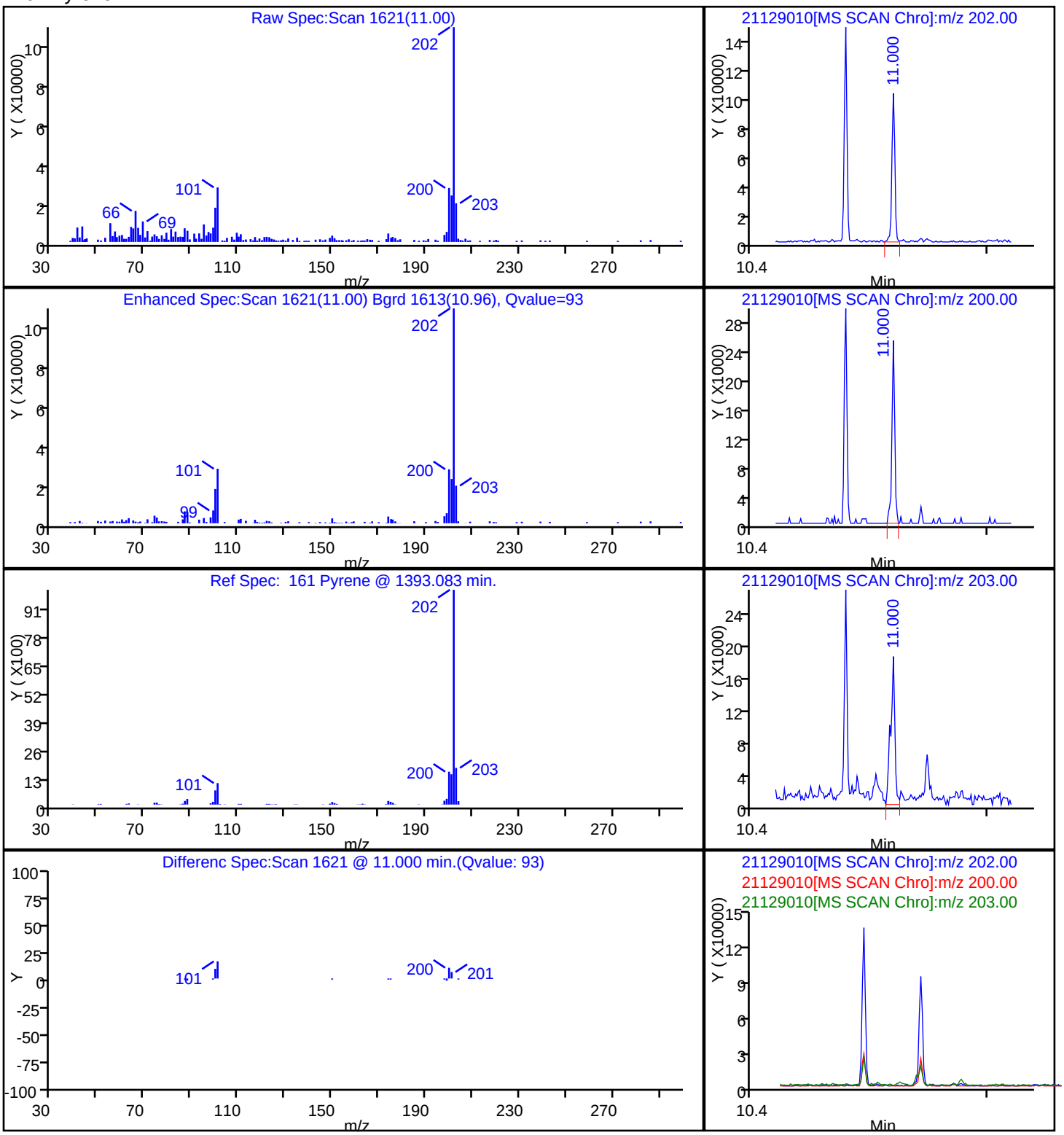


Report Date: 29-Nov-2012 12:55:57 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129010.D		
Injection Date:	29-Nov-2012 11:41:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0007M-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	66702	Lims Sample ID:	10
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

161 Pyrene



Manual Integration/User Assign Peak Report

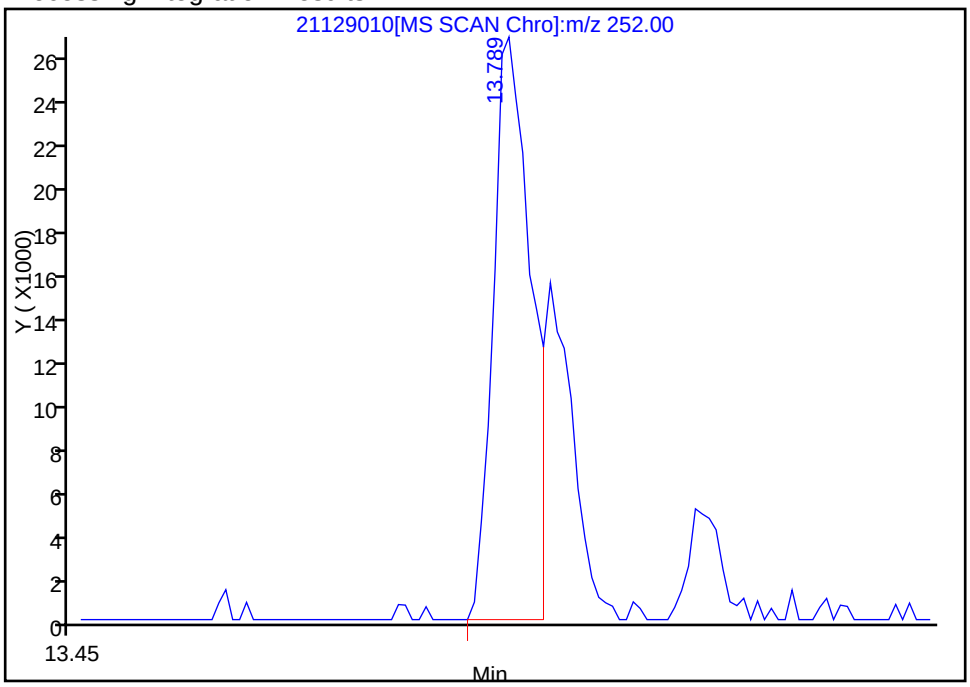
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129010.D		
Injection Date:	29-Nov-2012 11:41:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0007M-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	66702	Lims Sample ID:	10
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

183 Benzo[k]fluoranthene, Signal: 1, m/z: 252.0 Type: quant, RT: 13.83

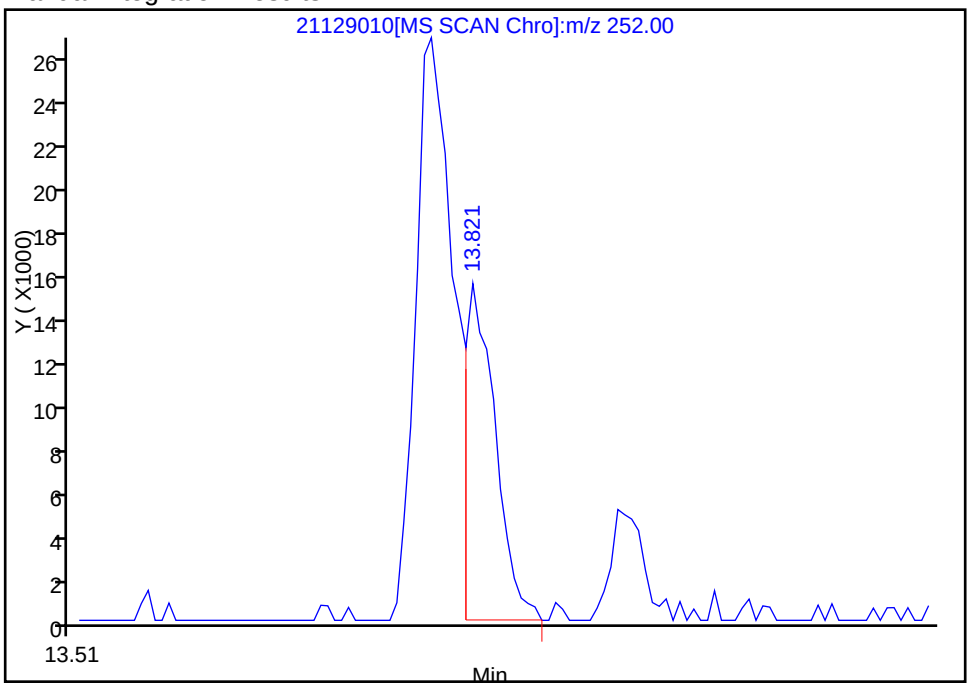
Processing Integration Results

RT: 13.79
Response: 53836
Amount: 0.626373



Manual Integration Results

RT: 13.82
Response: 24465
Amount: 0.284646



Reviewer: ulmanm, 29-Nov-2012 12:17:02
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: 068SS-0008M-0001-SO | Lab Sample ID: 240-17317-17

Matrix: Solid | Lab File ID: 21210006.D

Analysis Method: 8270C/DoD | Date Collected: 11/06/2012 15:10

Extract. Method: 3540C | Date Extracted: 11/16/2012 13:26

Sample wt/vol: 29.81(g) | Date Analyzed: 12/10/2012 09:39

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 67921 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	21		6.7	3.3	3.3
208-96-8	Acenaphthylene	18		6.7	3.3	3.3
120-12-7	Anthracene	67		6.7	3.3	3.3
56-55-3	Benzo[a]anthracene	270		6.7	3.3	3.3
50-32-8	Benzo[a]pyrene	300		6.7	3.3	3.3
205-99-2	Benzo[b]fluoranthene	470		6.7	3.3	3.3
191-24-2	Benzo[g,h,i]perylene	170		6.7	3.3	3.3
65-85-0	Benzoic acid	340	U	660	340	340
207-08-9	Benzo[k]fluoranthene	180	M	6.7	3.3	3.3
100-51-6	Benzyl alcohol	27	U	330	27	21
111-91-1	Bis(2-chloroethoxy)methane	27	U	100	27	22
111-44-4	Bis(2-chloroethyl)ether	3.3	U	100	3.3	2.0
108-60-1	bis (2-chloroisopropyl) ether	27	U	100	27	9.6
117-81-7	Bis(2-ethylhexyl) phthalate	50		50	27	19
101-55-3	4-Bromophenyl phenyl ether	27	U	50	27	13
85-68-7	Butyl benzyl phthalate	27	U	50	27	10
86-74-8	Carbazole	46	J	50	27	27
106-47-8	4-Chloroaniline	27	U	150	27	17
59-50-7	4-Chloro-3-methylphenol	27	U	150	27	21
91-58-7	2-Chloronaphthalene	3.3	U	50	3.3	3.3
95-57-8	2-Chlorophenol	27	U	50	27	27
7005-72-3	4-Chlorophenyl phenyl ether	27	U	50	27	13
218-01-9	Chrysene	330		6.7	3.3	1.1
53-70-3	Dibenz(a,h)anthracene	45	M	6.7	3.3	3.3
132-64-9	Dibenzofuran	29	J	50	3.3	3.3
106-46-7	1,4-Dichlorobenzene	21	J	50	27	20
95-50-1	1,2-Dichlorobenzene	27	U	50	27	9.8
541-73-1	1,3-Dichlorobenzene	27	U	50	27	11
91-94-1	3,3'-Dichlorobenzidine	81	U	100	81	18
120-83-2	2,4-Dichlorophenol	27	U	150	27	20
84-66-2	Diethyl phthalate	27	U	50	27	16
105-67-9	2,4-Dimethylphenol	81	U	150	81	20
131-11-3	Dimethyl phthalate	27	U	50	27	17
84-74-2	Di-n-butyl phthalate	15	J	50	27	15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: 068SS-0008M-0001-SO | Lab Sample ID: 240-17317-17

Matrix: Solid | Lab File ID: 21210006.D

Analysis Method: 8270C/DoD | Date Collected: 11/06/2012 15:10

Extract. Method: 3540C | Date Extracted: 11/16/2012 13:26

Sample wt/vol: 29.81(g) | Date Analyzed: 12/10/2012 09:39

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 67921 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	81	U	150	81	81
51-28-5	2,4-Dinitrophenol	81	U	330	81	81
121-14-2	2,4-Dinitrotoluene	27	U	200	27	27
606-20-2	2,6-Dinitrotoluene	27	U	200	27	21
117-84-0	Di-n-octyl phthalate	27	U	50	27	27
206-44-0	Fluoranthene	650		6.7	3.3	3.3
86-73-7	Fluorene	27		6.7	3.3	3.3
118-74-1	Hexachlorobenzene	3.3	U	6.7	3.3	2.1
87-68-3	Hexachlorobutadiene	27	U	50	27	27
77-47-4	Hexachlorocyclopentadiene	27	U	330	27	27
67-72-1	Hexachloroethane	27	U	50	27	9.1
193-39-5	Indeno[1,2,3-cd]pyrene	160		6.7	3.3	3.3
78-59-1	Isophorone	15	J	50	27	13
91-57-6	2-Methylnaphthalene	81		6.7	3.3	3.3
95-48-7	2-Methylphenol	81	U	200	81	81
15831-10-4	3 & 4 Methylphenol	81	U	400	81	20
91-20-3	Naphthalene	62		6.7	3.3	3.3
88-74-4	2-Nitroaniline	27	U	200	27	9.2
99-09-2	3-Nitroaniline	81	U	200	81	16
100-01-6	4-Nitroaniline	27	U	200	27	26
98-95-3	Nitrobenzene	3.3	U	100	3.3	2.2
88-75-5	2-Nitrophenol	27	U	50	27	27
100-02-7	4-Nitrophenol	81	U	330	81	81
621-64-7	N-Nitrosodi-n-propylamine	27	U	50	27	27
86-30-6	N-Nitrosodiphenylamine	27	U	50	27	21
87-86-5	Pentachlorophenol	81	U	150	81	81
85-01-8	Phenanthrene	280		6.7	3.3	3.3
108-95-2	Phenol	27	U	50	27	27
129-00-0	Pyrene	500		6.7	3.3	3.3
120-82-1	1,2,4-Trichlorobenzene	27	U	50	27	27
95-95-4	2,4,5-Trichlorophenol	27	U	150	27	25
88-06-2	2,4,6-Trichlorophenol	81	U	150	81	81

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: 068SS-0008M-0001-SO | Lab Sample ID: 240-17317-17

Matrix: Solid | Lab File ID: 21210006.D

Analysis Method: 8270C/DoD | Date Collected: 11/06/2012 15:10

Extract. Method: 3540C | Date Extracted: 11/16/2012 13:26

Sample wt/vol: 29.81(g) | Date Analyzed: 12/10/2012 09:39

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 67921 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	67		45-105
367-12-4	2-Fluorophenol (Surr)	78		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	70		35-100
1718-51-0	Terphenyl-d14 (Surr)	75		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	79		35-125
4165-62-2	Phenol-d5 (Surr)	81		40-100

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121210-15667.b\21210006.D
Lims ID: 240-17317-A-17-D Client ID: 068SS-0008M-0001-SO
Inject. Date: 10-Dec-2012 09:39:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0015667-006
Misc. Info.: 240-17317-A-17-D =240-17317-A-17-D
Operator: 001574 Instrument ID: A4HP9
Injection Vol: 1.0 ul ALS Bottle#: 6
Lims Batch ID: 67921 Lims Sample ID: 6
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121210-15667.b\8270 _9.m
Last Update: 11-Dec-2012 08:19:38 Calib Date: 03-Dec-2012 15:01:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: 5% phenyl Column Dia: 0.18 mm
Process Host: XAWRK035

First Level Reviewer: ulmanm Date: 10-Dec-2012 10:27:19

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.940	5.937	0.003	83	127616	4.00	
* 2 Naphthalene-d8	136	7.057	7.054	0.003	98	545998	4.00	
* 3 Acenaphthene-d10	164	8.547	8.550	-0.003	63	341943	4.00	
* 4 Phenanthrene-d10	188	9.803	9.805	-0.002	76	603649	4.00	
* 5 Chrysene-d12	240	12.361	12.359	0.002	79	613287	4.00	
* 6 Perylene-d12	264	14.445	14.442	0.003	82	487756	4.00	
$ 7 2-Fluorophenol	112	4.744	4.677	0.067	93	589061	11.7	
$ 8 Phenol-d5	99	5.588	5.579	0.009	0	884826	12.2	
$ 9 Nitrobenzene-d5	82	6.426	6.424	0.002	81	584334	6.99	
$ 10 2-Fluorobiphenyl (Surr)	172	7.960	7.962	-0.002	99	761183	6.70	
$ 11 2,4,6-Tribromophenol	330	9.210	9.212	-0.002	79	156905	11.8	
$ 12 Terphenyl-d14	244	11.160	11.157	0.003	78	936098	7.45	
43 Phenol	94		5.590					9
69 Bis(2-chloroethyl)ether	93		5.686					9
46 2-Chlorophenol	128		5.745					9
47 1,3-Dichlorobenzene	146		5.889					
48 1,4-Dichlorobenzene	146	5.956	5.953	0.003	56	15911	0.3144	
49 Benzyl alcohol	108		6.050					9
50 1,2-Dichlorobenzene	146		6.092					9
51 2-Methylphenol	108		6.140					
53 2,2'-oxybis[1-chloropropane]	45		6.167					
21 3 & 4 Methylphenol	108		6.269					9
57 N-Nitrosodi-n-propylamine	70		6.279					
61 Hexachloroethane	117		6.391					
62 Nitrobenzene	77		6.440					
64 Isophorone	82	6.645	6.643	0.002	83	36845	0.2297	
66 2-Nitrophenol	139		6.717					9
65 2,4-Dimethylphenol	107		6.733					
71 Benzoic acid	122		6.803					
70 Bis(2-chloroethoxy)methane	93		6.819					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
73 2,4-Dichlorophenol	162		6.920					9
74 1,2,4-Trichlorobenzene	180		7.000					9
75 Naphthalene	128	7.073	7.075	-0.002	96	138994	0.9270	
76 4-Chloroaniline	127		7.107					
79 Hexachlorobutadiene	225		7.171					
86 4-Chloro-3-methylphenol	107		7.503					
87 2-Methylnaphthalene	142	7.660	7.663	-0.003	88	113465	1.21	
89 Hexachlorocyclopentadiene	237		7.791					
92 2,4,6-Trichlorophenol	196		7.887					9
93 2,4,5-Trichlorophenol	196		7.919					9
100 2-Chloronaphthalene	162		8.080					
102 2-Nitroaniline	65		8.149					
105 Dimethyl phthalate	163		8.288					
107 2,6-Dinitrotoluene	165		8.347					
109 Acenaphthylene	152	8.430	8.432	-0.002	76	40828	0.2715	
110 3-Nitroaniline	138		8.491					9
112 Acenaphthene	153	8.574	8.576	-0.002	87	29973	0.3142	
111 2,4-Dinitrophenol	184		8.582					
113 4-Nitrophenol	109		8.608					
114 2,4-Dinitrotoluene	165		8.689					9
116 Dibenzofuran	168	8.718	8.721	-0.003	73	59970	0.4357	
121 Diethyl phthalate	149	8.873	8.876	-0.003	64	24457	0.2224	
123 4-Chlorophenyl phenyl ether	204		8.993					9
126 Fluorene	166	9.012	9.009	0.003	74	46623	0.4002	
125 4-Nitroaniline	138		9.009					
128 4,6-Dinitro-2-methylphenol	198		9.031					9
131 N-Nitrosodiphenylamine	169		9.089					
139 4-Bromophenyl phenyl ether	248		9.410					9
141 Hexachlorobenzene	284		9.474					9
143 Pentachlorophenol	266		9.634					9
148 Phenanthrene	178	9.824	9.826	-0.002	82	757812	4.20	
149 Anthracene	178	9.867	9.869	-0.002	81	181464	1.00	
151 Carbazole	167	9.990	9.992	-0.002	73	110356	0.6820	
154 Di-n-butyl phthalate	149	10.246	10.249	-0.002	73	45821	0.2305	
159 Fluoranthene	202	10.839	10.836	0.003	77	2002573	9.73	
161 Pyrene	202	11.047	11.044	0.003	73	1566618	7.38	
168 Butyl benzyl phthalate	149		11.637					9
175 3,3'-Dichlorobenzidine	252		12.289					
173 Bis(2-ethylhexyl) phthalate	149	12.313	12.311	0.002	80	94175	0.7472	
177 Benzo[a]anthracene	228	12.345	12.348	-0.003	88	768289	4.02	
178 Chrysene	228	12.394	12.396	-0.002	80	855211	4.88	
180 Di-n-octyl phthalate	149		13.219					
182 Benzo[b]fluoranthene	252	13.863	13.860	0.003	81	1178957	6.97	
183 Benzo[k]fluoranthene	252	13.895	13.903	-0.008	1	465215	2.68	M
184 Benzo[a]pyrene	252	14.359	14.357	0.002	74	721046	4.52	
188 Indeno[1,2,3-cd]pyrene	276	16.112	16.109	0.003	82	418191	2.39	
189 Dibenz(a,h)anthracene	278	16.138	16.141	-0.003	57	95661	0.6648	M
190 Benzo[g,h,i]perylene	276	16.555	16.563	-0.008	75	362301	2.46	

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

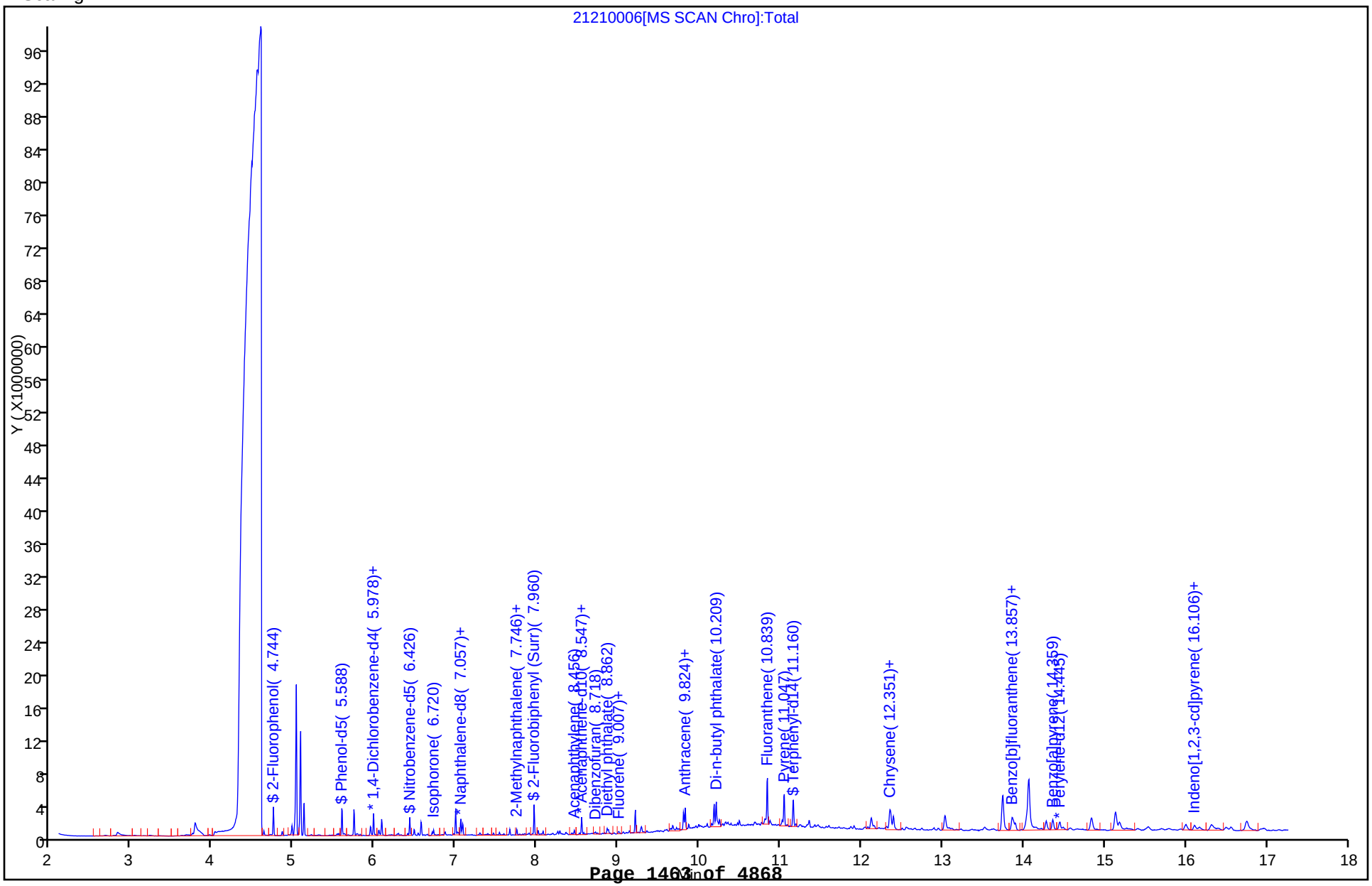
Review Flags
M - Manually Integrated

Report Date: 11-Dec-2012 08:19:46 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121210-15667.b\21210006.D		
Injection Date:	10-Dec-2012 09:39:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0008M-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	67921	Lims Sample ID:	6
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



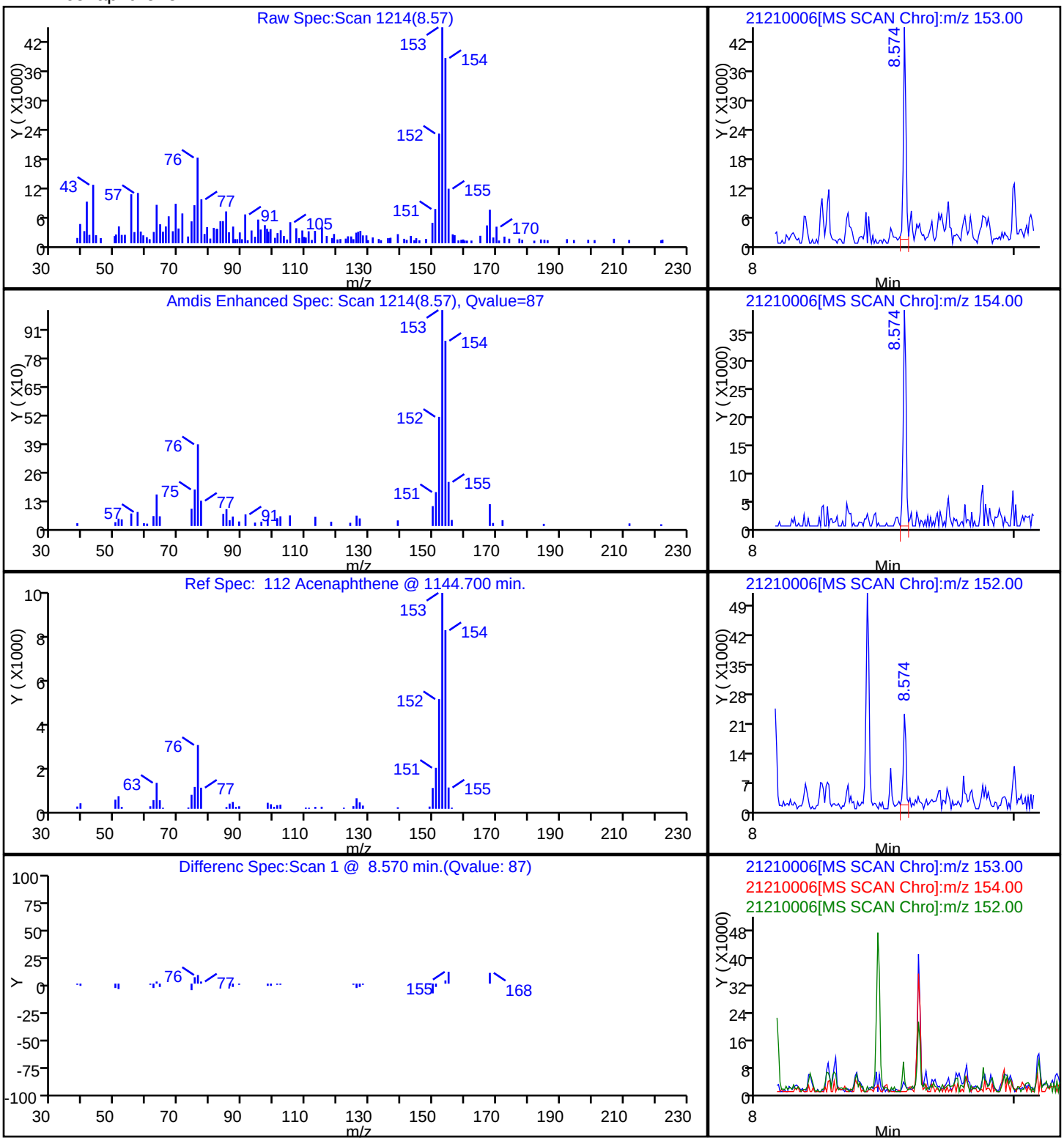
Report Date: 11-Dec-2012 08:19:46 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121210-15667.b\21210006.D

Injection Date:	10-Dec-2012 09:39:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0008M-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	67921	Lims Sample ID:	6
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

112 Acenaphthene



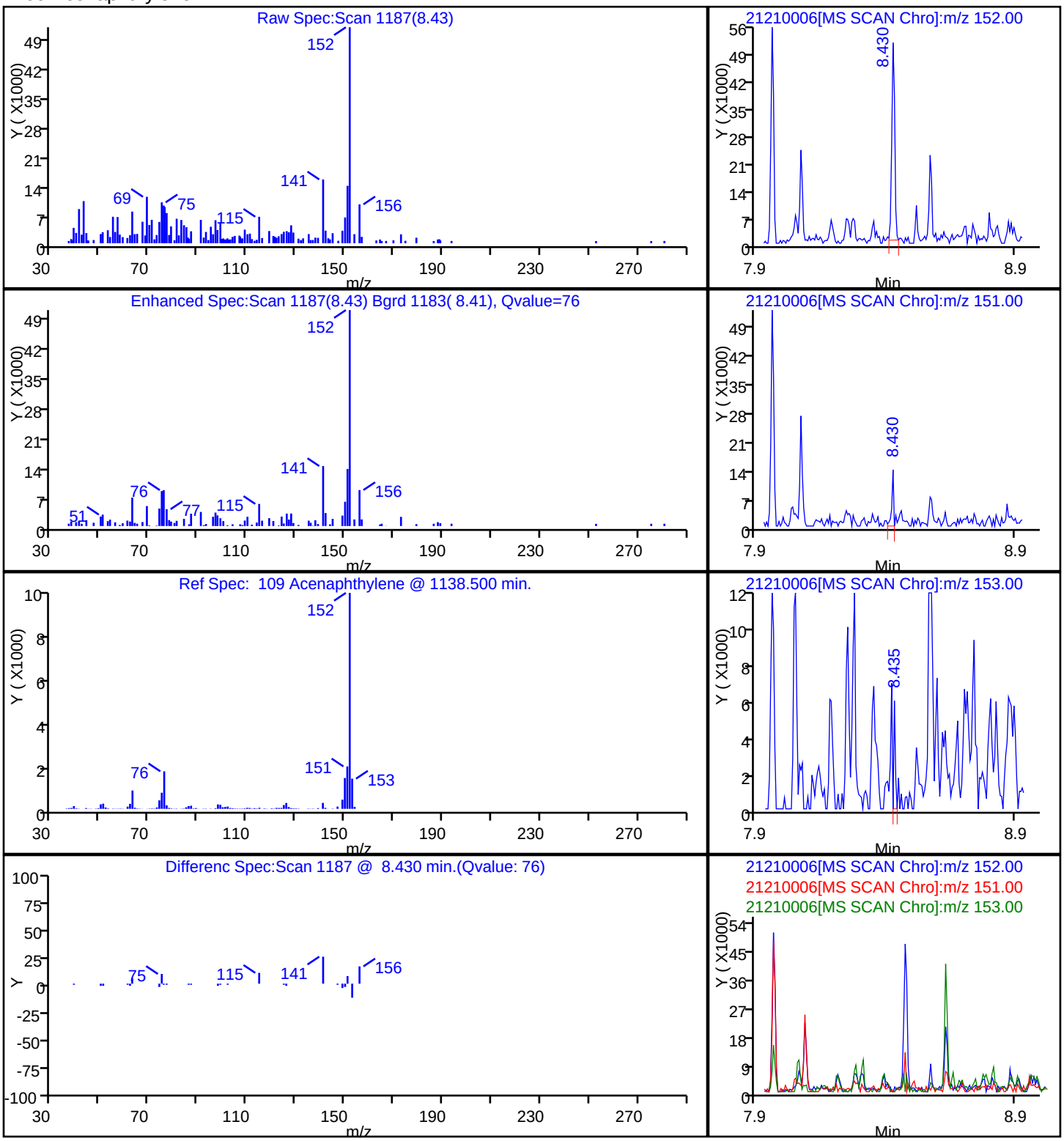
Report Date: 11-Dec-2012 08:19:46 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121210-15667.b\21210006.D

Injection Date:	10-Dec-2012 09:39:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0008M-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	67921	Lims Sample ID:	6
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

109 Acenaphthylene

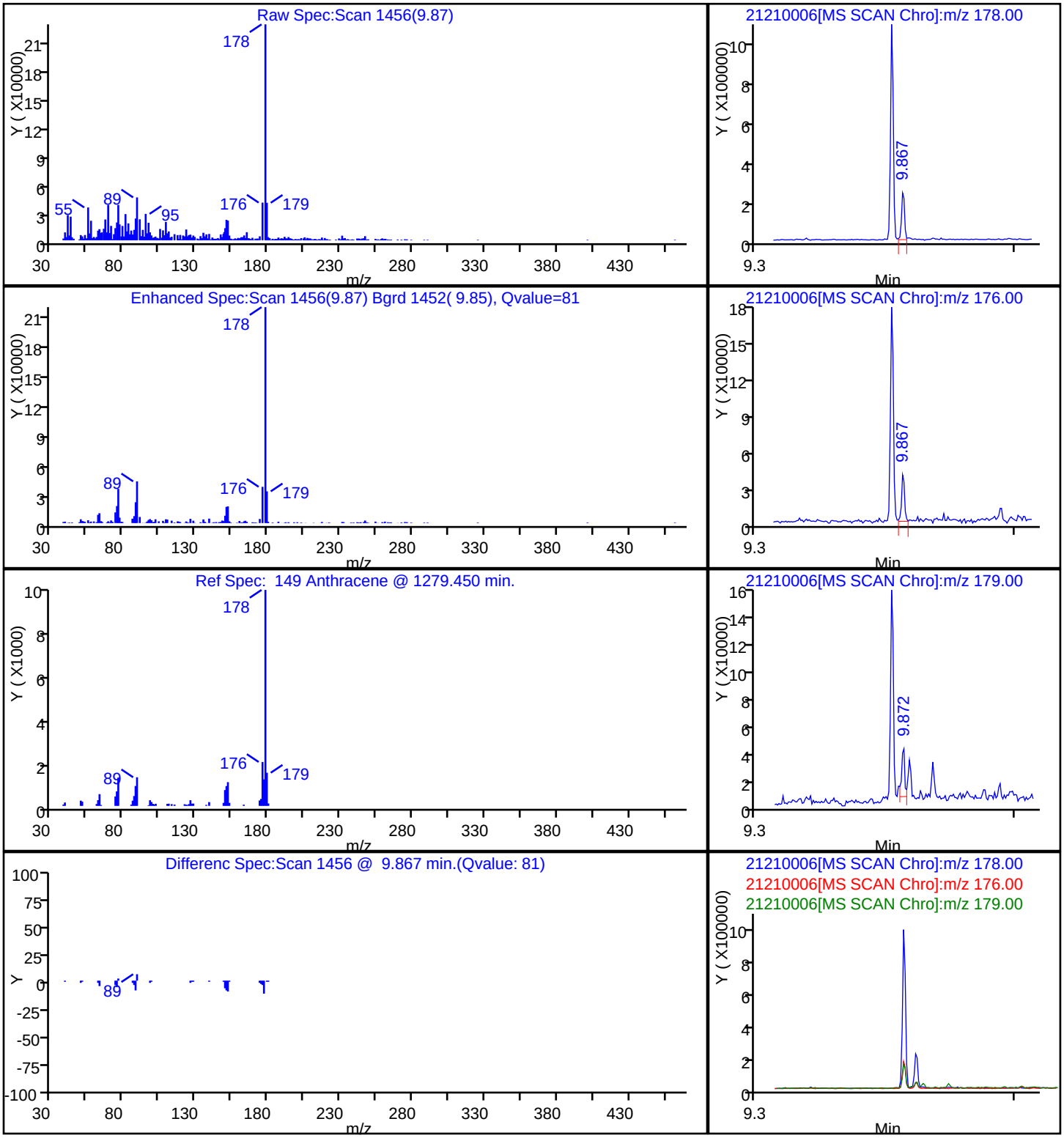


Report Date: 11-Dec-2012 08:19:47 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121210-15667.b\21210006.D		
Injection Date:	10-Dec-2012 09:39:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0008M-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	67921	Lims Sample ID:	6
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

149 Anthracene



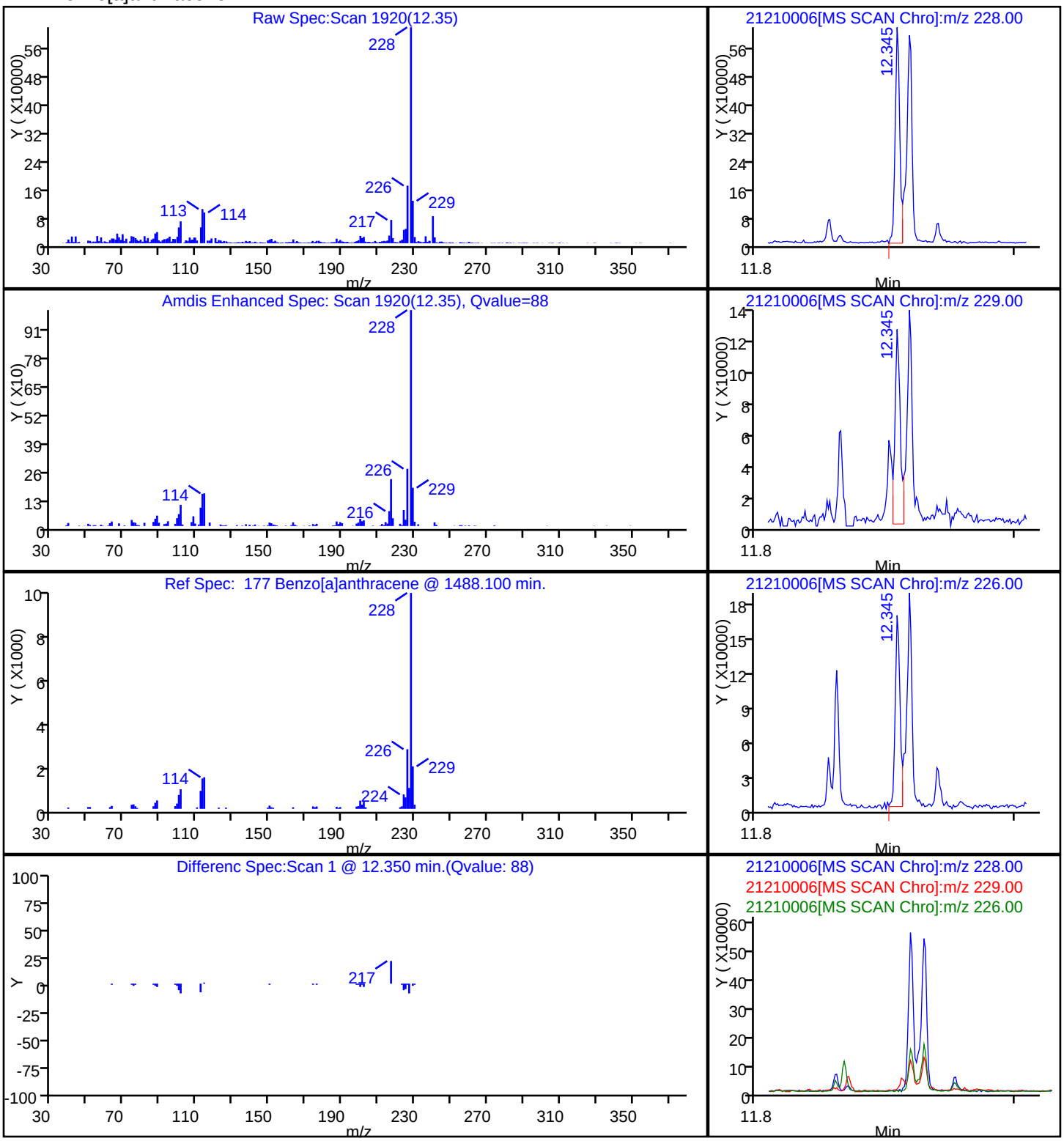
Report Date: 11-Dec-2012 08:19:47 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121210-15667.b\21210006.D

Injection Date:	10-Dec-2012 09:39:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0008M-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	67921	Lims Sample ID:	6
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

177 Benzo[a]anthracene



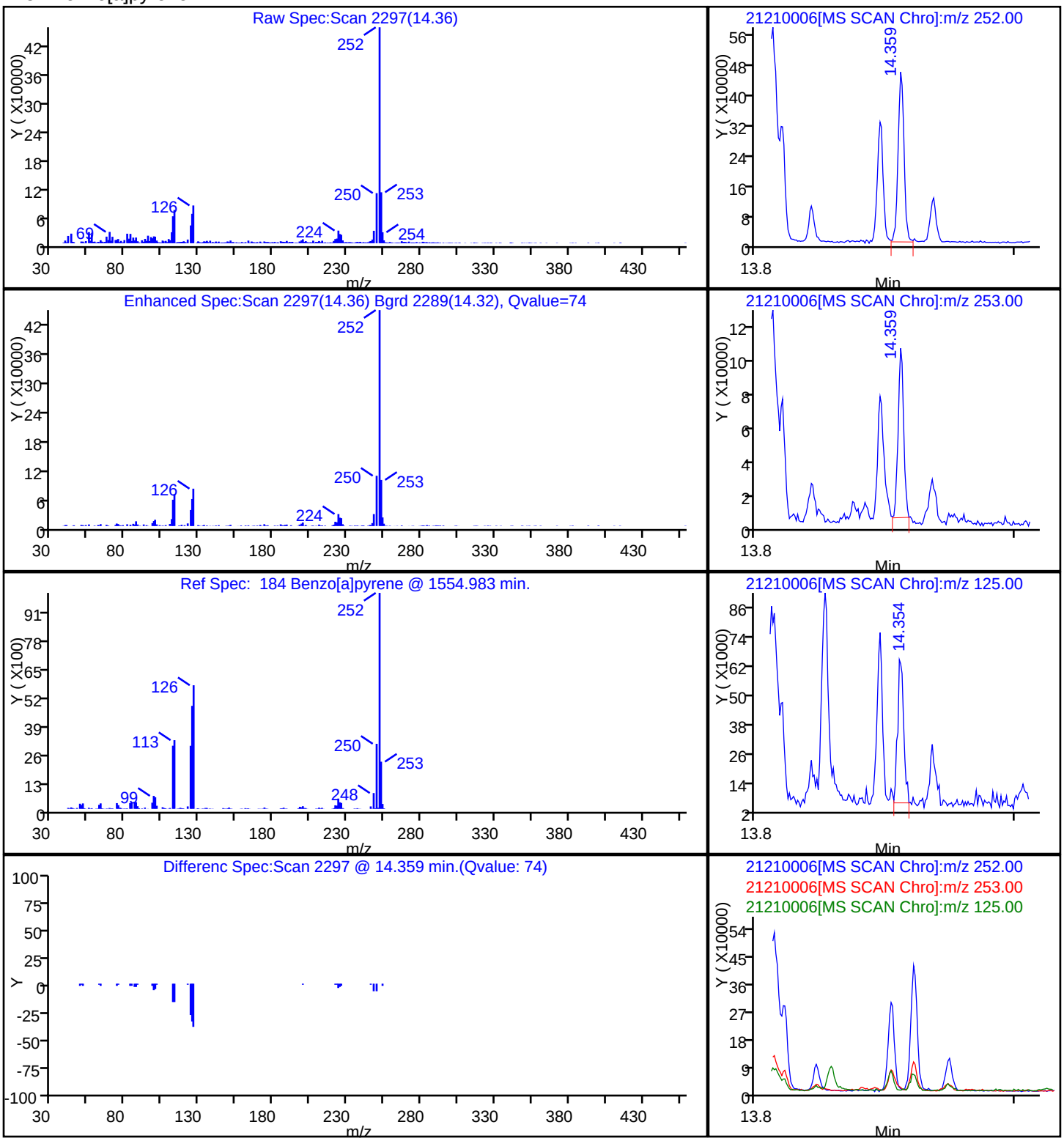
Report Date: 11-Dec-2012 08:19:47 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121210-15667.b\21210006.D

Injection Date:	10-Dec-2012 09:39:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0008M-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	67921	Lims Sample ID:	6
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

184 Benzo[a]pyrene



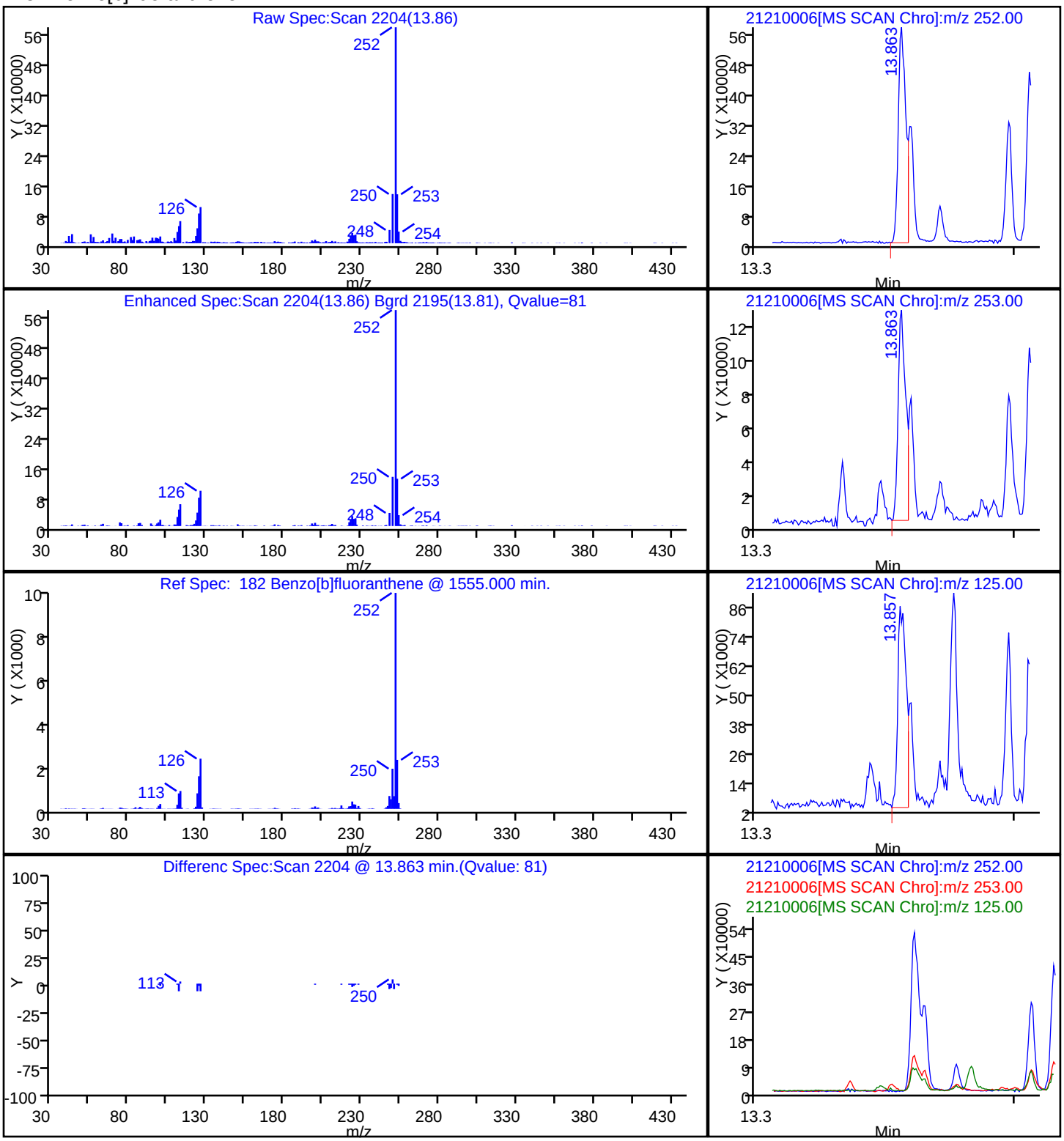
Report Date: 11-Dec-2012 08:19:47 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121210-15667.b\21210006.D

Injection Date:	10-Dec-2012 09:39:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0008M-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	67921	Lims Sample ID:	6
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

182 Benzo[b]fluoranthene



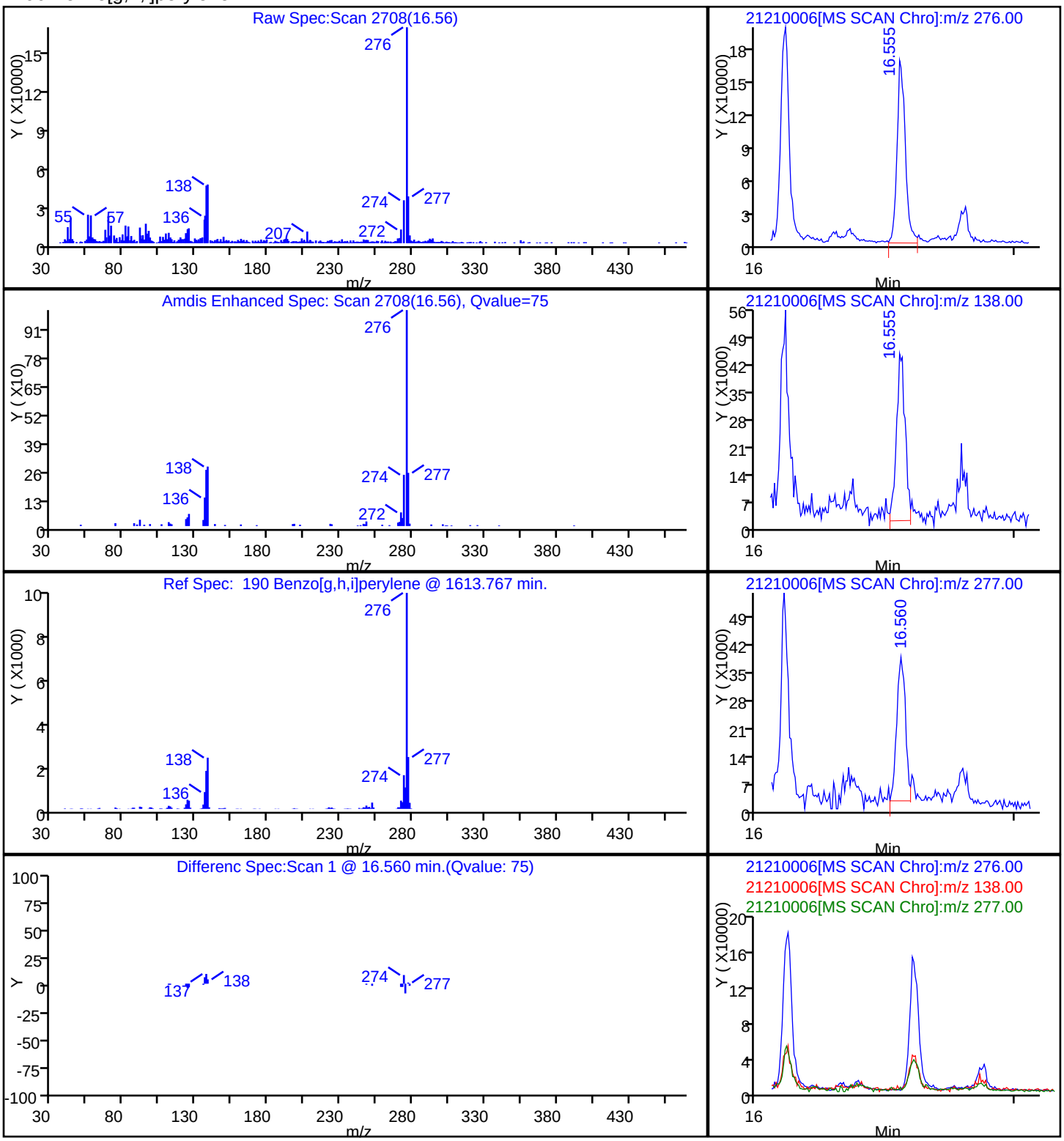
Report Date: 11-Dec-2012 08:19:48 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121210-15667.b\21210006.D

Injection Date:	10-Dec-2012 09:39:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0008M-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	67921	Lims Sample ID:	6
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

190 Benzo[g,h,i]perylene



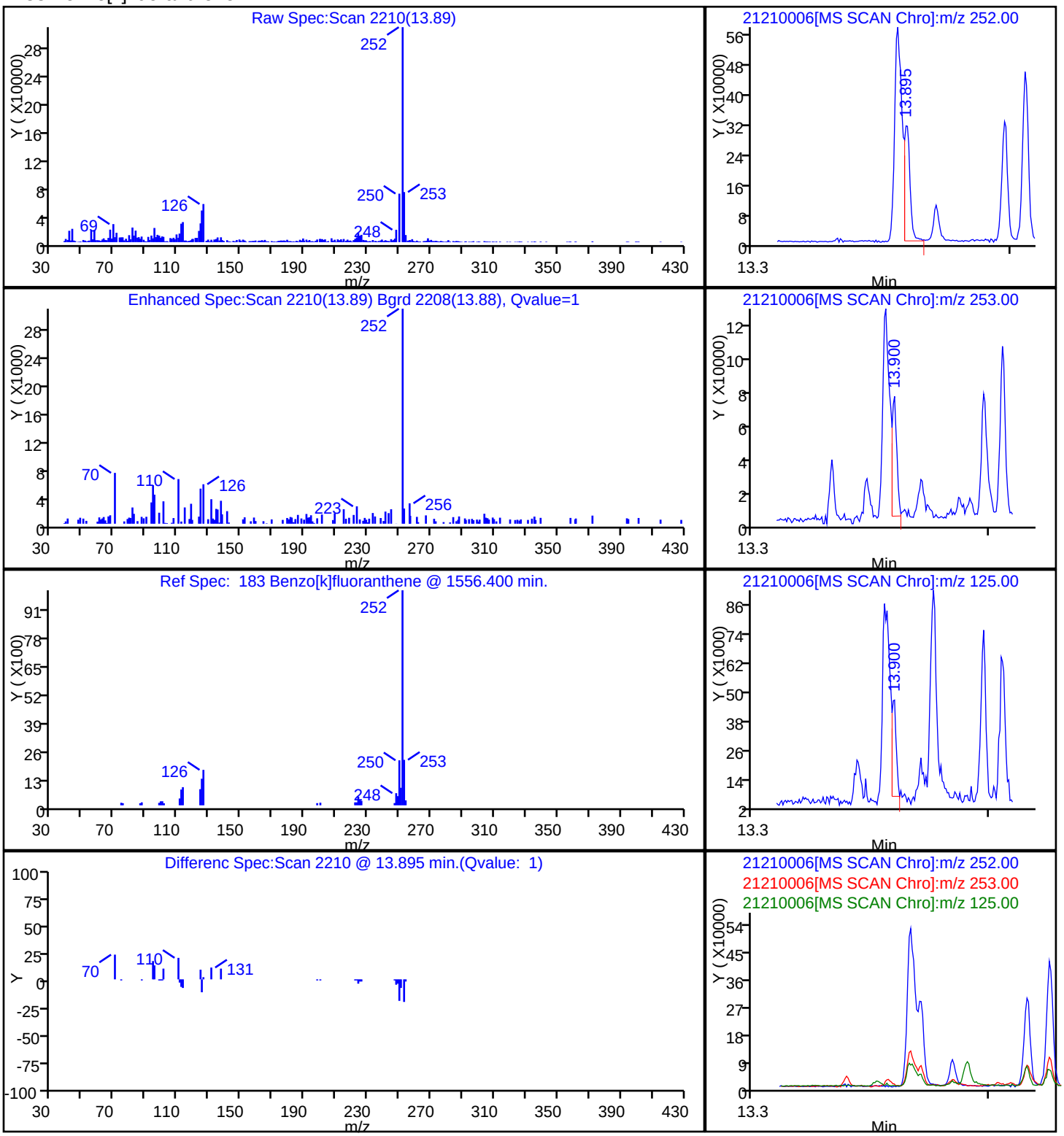
Report Date: 11-Dec-2012 08:19:47 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121210-15667.b\21210006.D

Injection Date:	10-Dec-2012 09:39:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0008M-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	67921	Lims Sample ID:	6
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

183 Benzo[k]fluoranthene



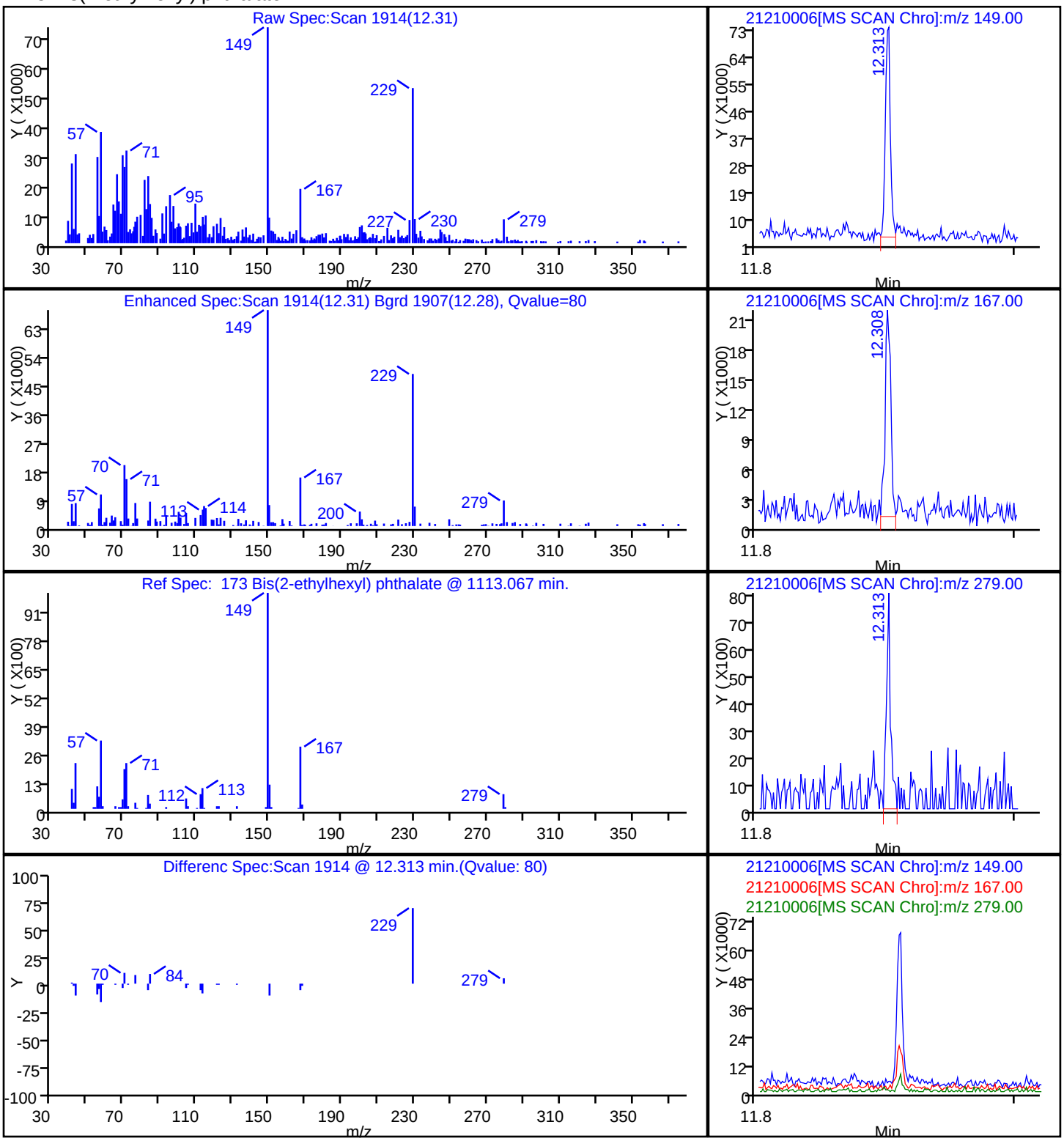
Report Date: 11-Dec-2012 08:19:47 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121210-15667.b\21210006.D

Injection Date:	10-Dec-2012 09:39:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0008M-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	67921	Lims Sample ID:	6
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

173 Bis(2-ethylhexyl) phthalate



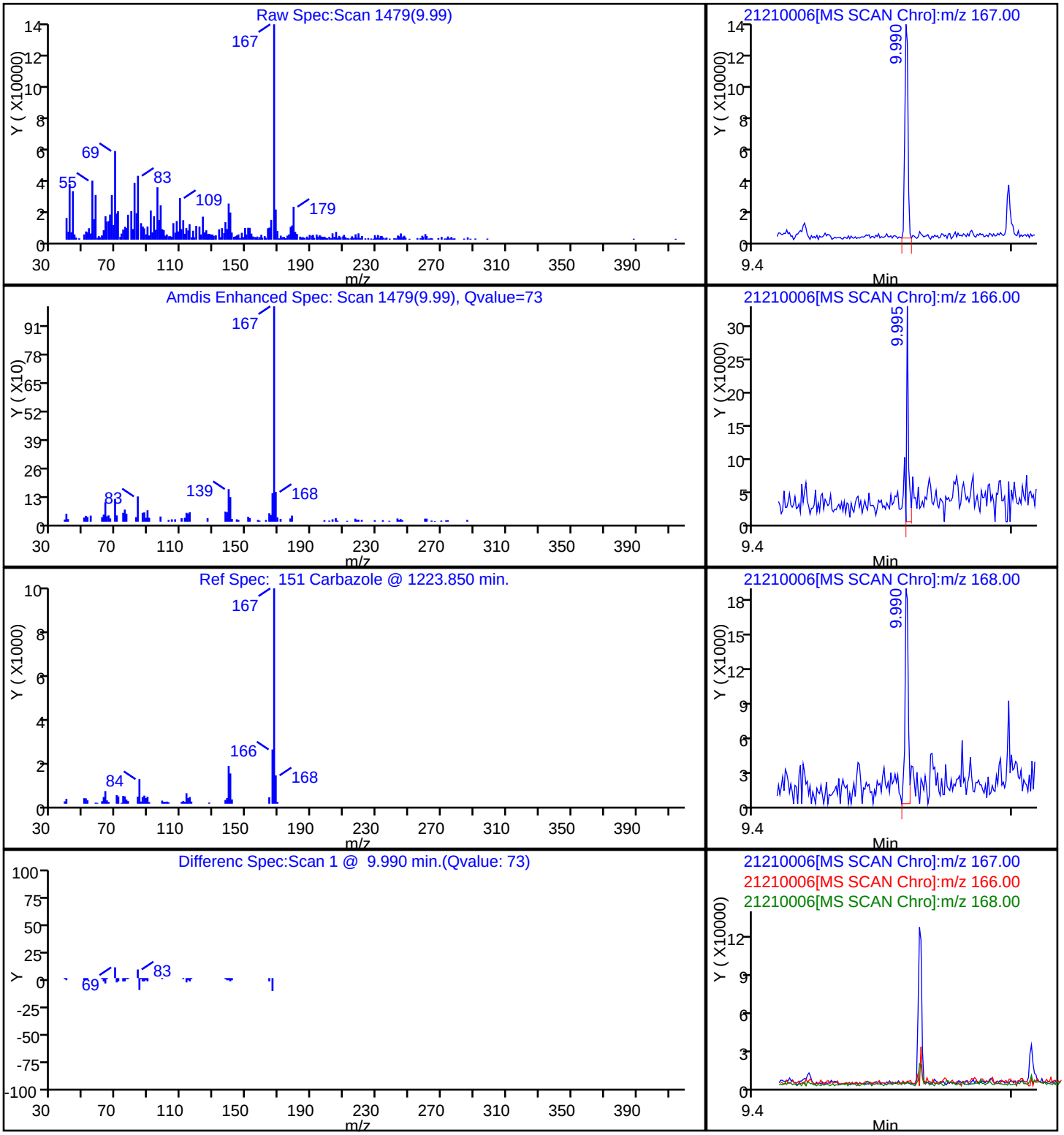
Report Date: 11-Dec-2012 08:19:47 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121210-15667.b\21210006.D

Injection Date:	10-Dec-2012 09:39:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0008M-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	67921	Lims Sample ID:	6
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

151 Carbazole



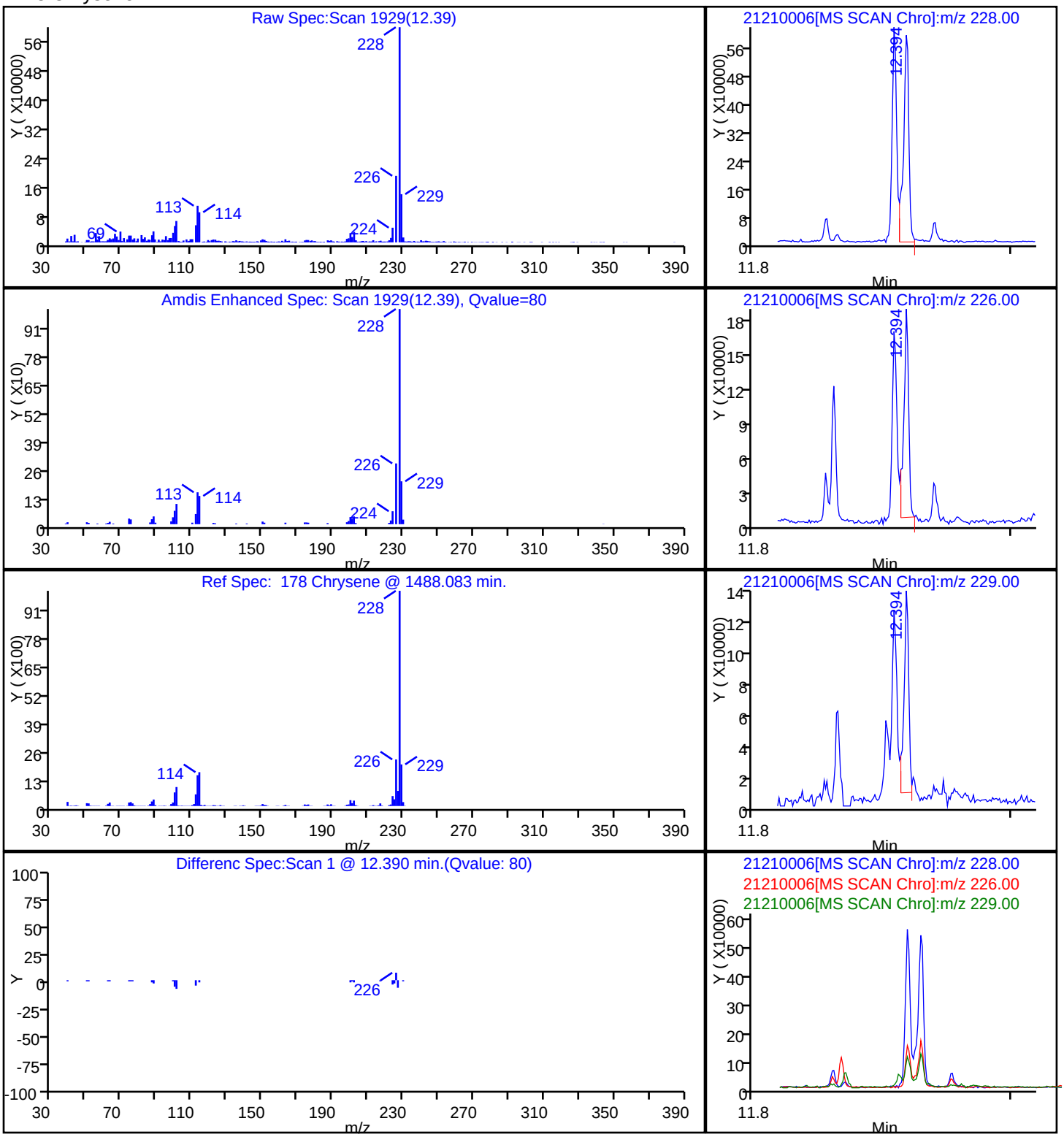
Report Date: 11-Dec-2012 08:19:47 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121210-15667.b\21210006.D

Injection Date:	10-Dec-2012 09:39:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0008M-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	67921	Lims Sample ID:	6
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

178 Chrysene

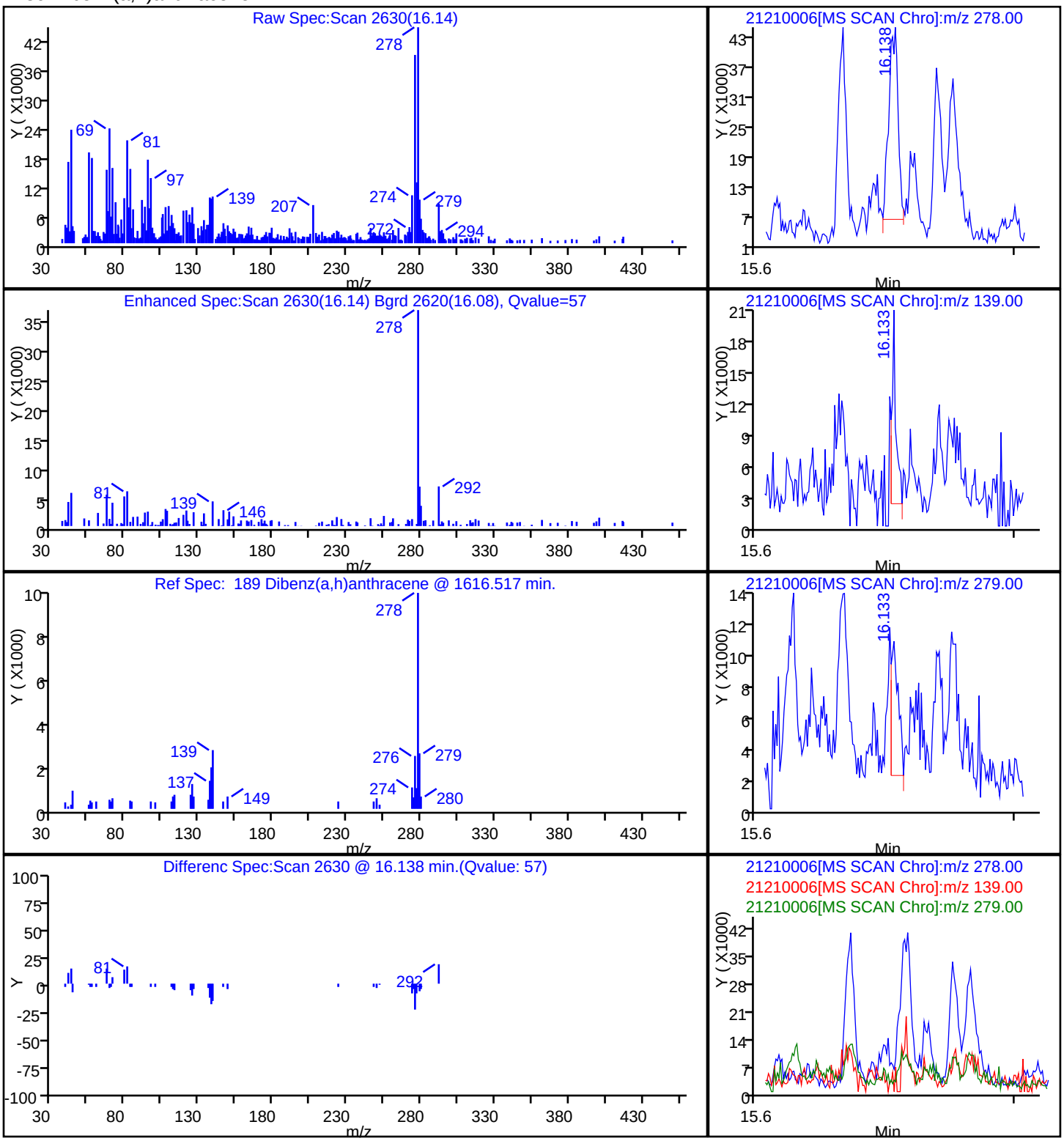


Report Date: 11-Dec-2012 08:19:48 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121210-15667.b\21210006.D		
Injection Date:	10-Dec-2012 09:39:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0008M-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	67921	Lims Sample ID:	6
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

189 Dibenz(a,h)anthracene



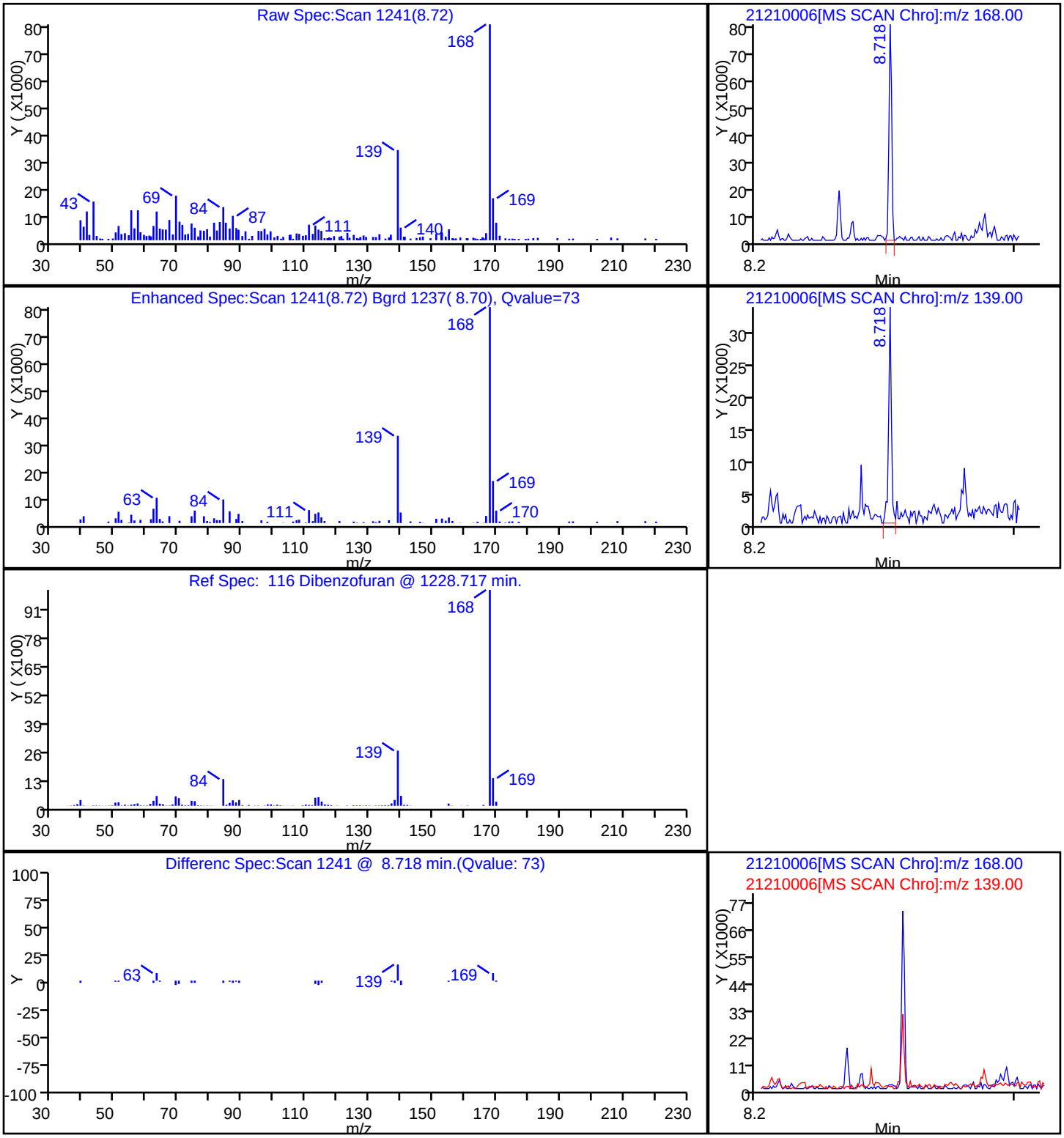
Report Date: 11-Dec-2012 08:19:46 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121210-15667.b\21210006.D

Injection Date:	10-Dec-2012 09:39:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0008M-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	67921	Lims Sample ID:	6
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

116 Dibenzofuran



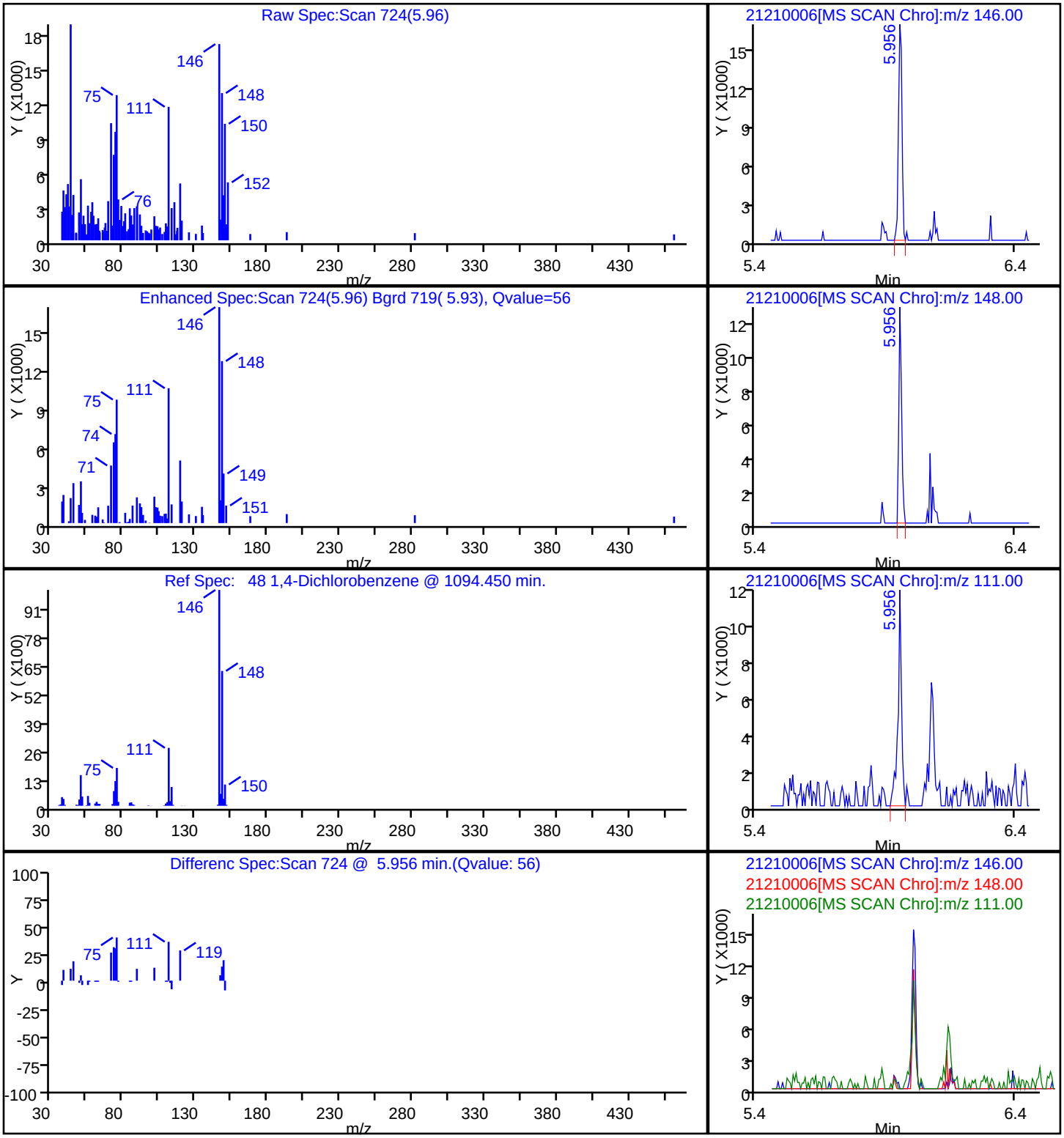
Report Date: 11-Dec-2012 08:19:46 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121210-15667.b\21210006.D

Injection Date:	10-Dec-2012 09:39:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0008M-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	67921	Lims Sample ID:	6
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

48 1,4-Dichlorobenzene



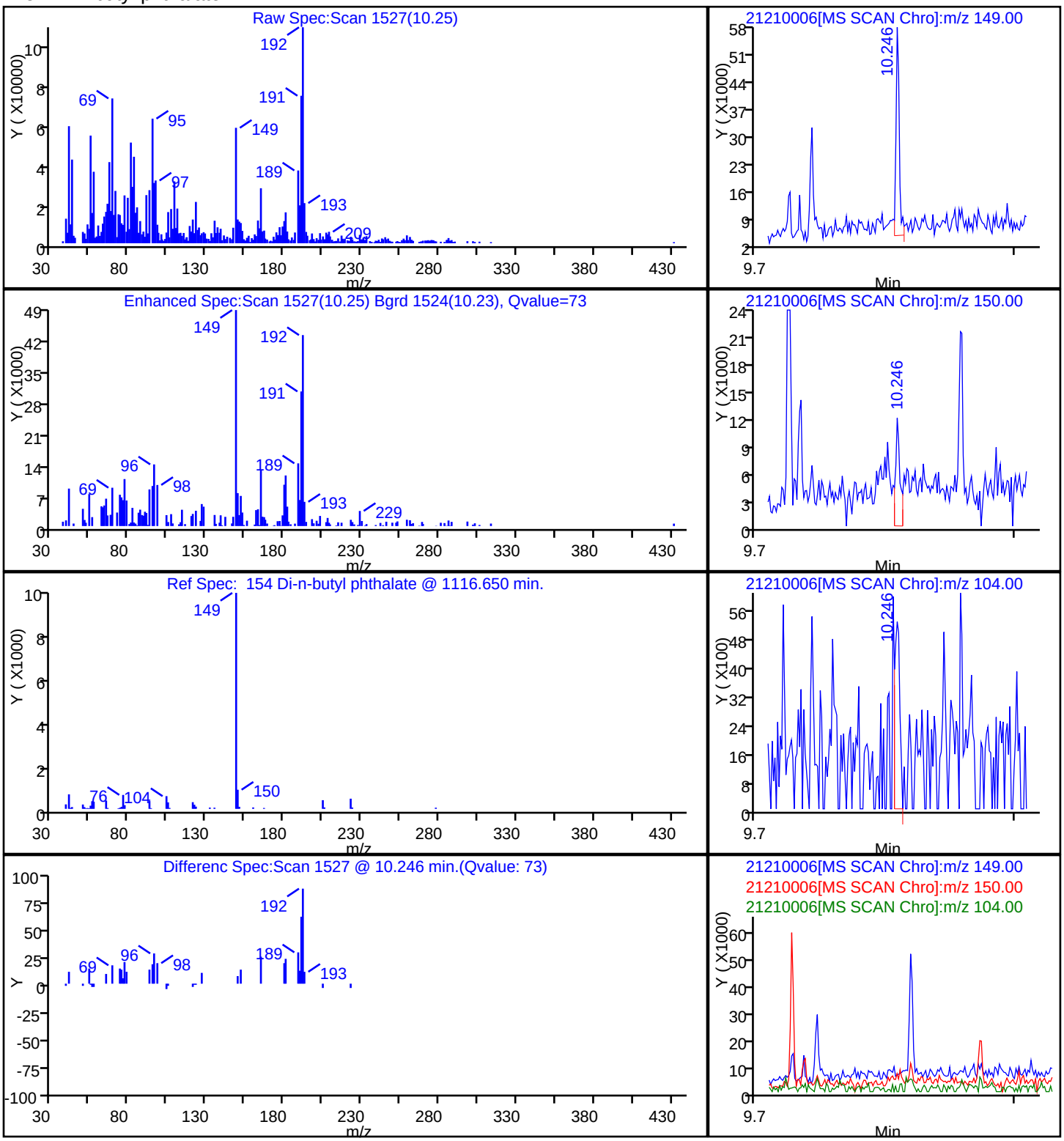
Report Date: 11-Dec-2012 08:19:47 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121210-15667.b\21210006.D

Injection Date:	10-Dec-2012 09:39:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0008M-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	67921	Lims Sample ID:	6
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

154 Di-n-butyl phthalate



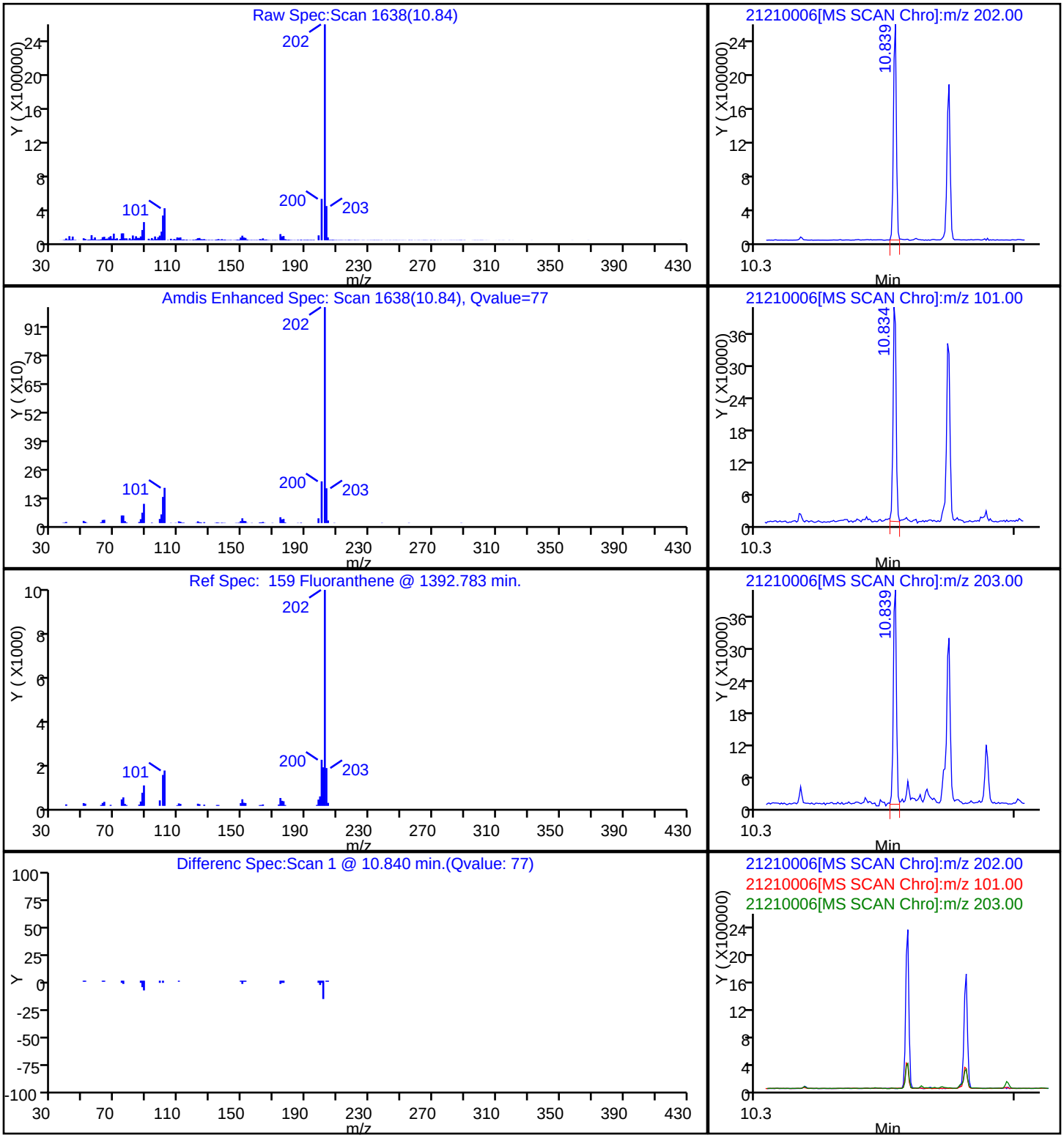
Report Date: 11-Dec-2012 08:19:47 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121210-15667.b\21210006.D

Injection Date:	10-Dec-2012 09:39:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0008M-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	67921	Lims Sample ID:	6
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

159 Fluoranthene



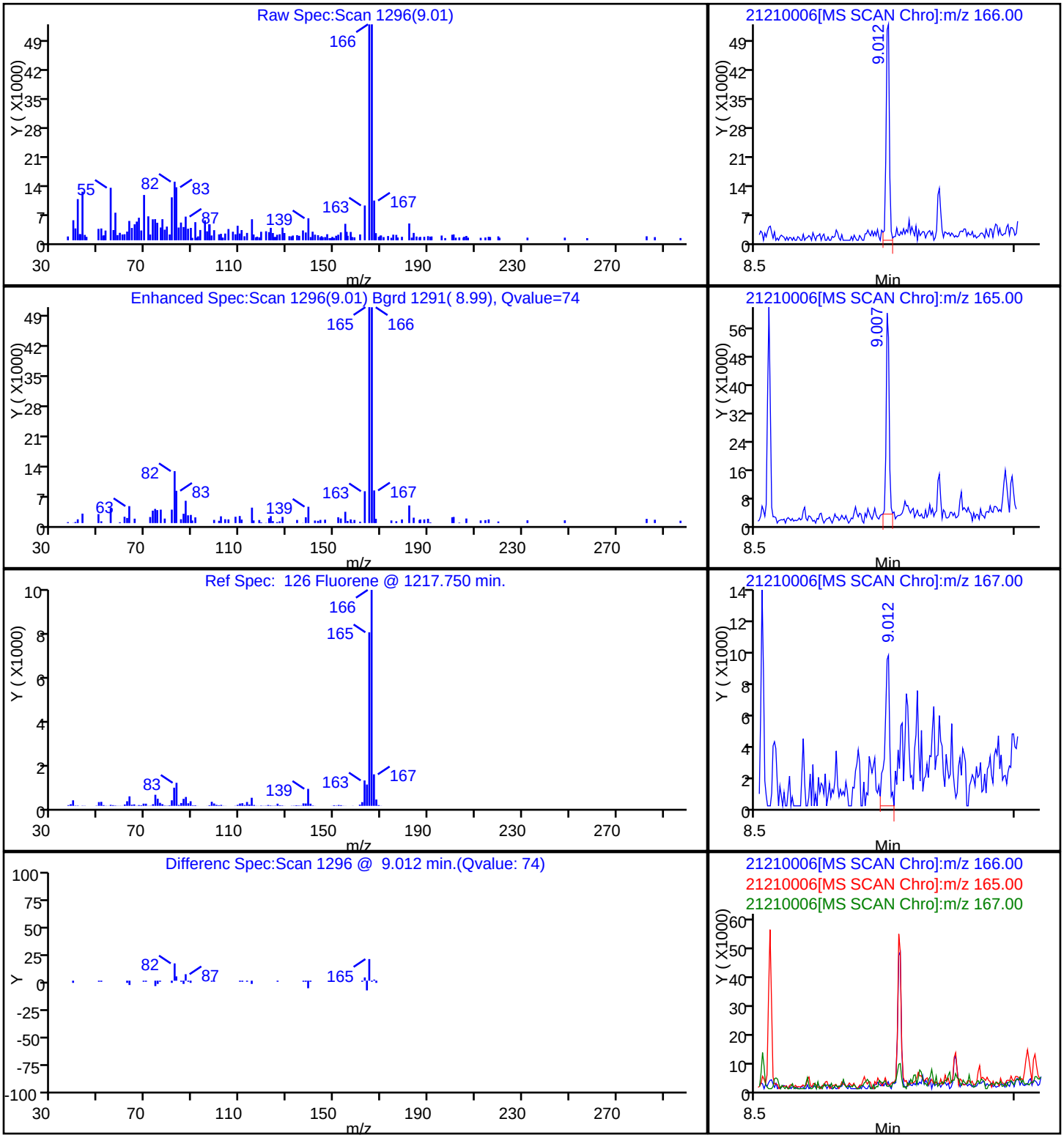
Report Date: 11-Dec-2012 08:19:47 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121210-15667.b\21210006.D

Injection Date:	10-Dec-2012 09:39:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0008M-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	67921	Lims Sample ID:	6
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

126 Fluorene



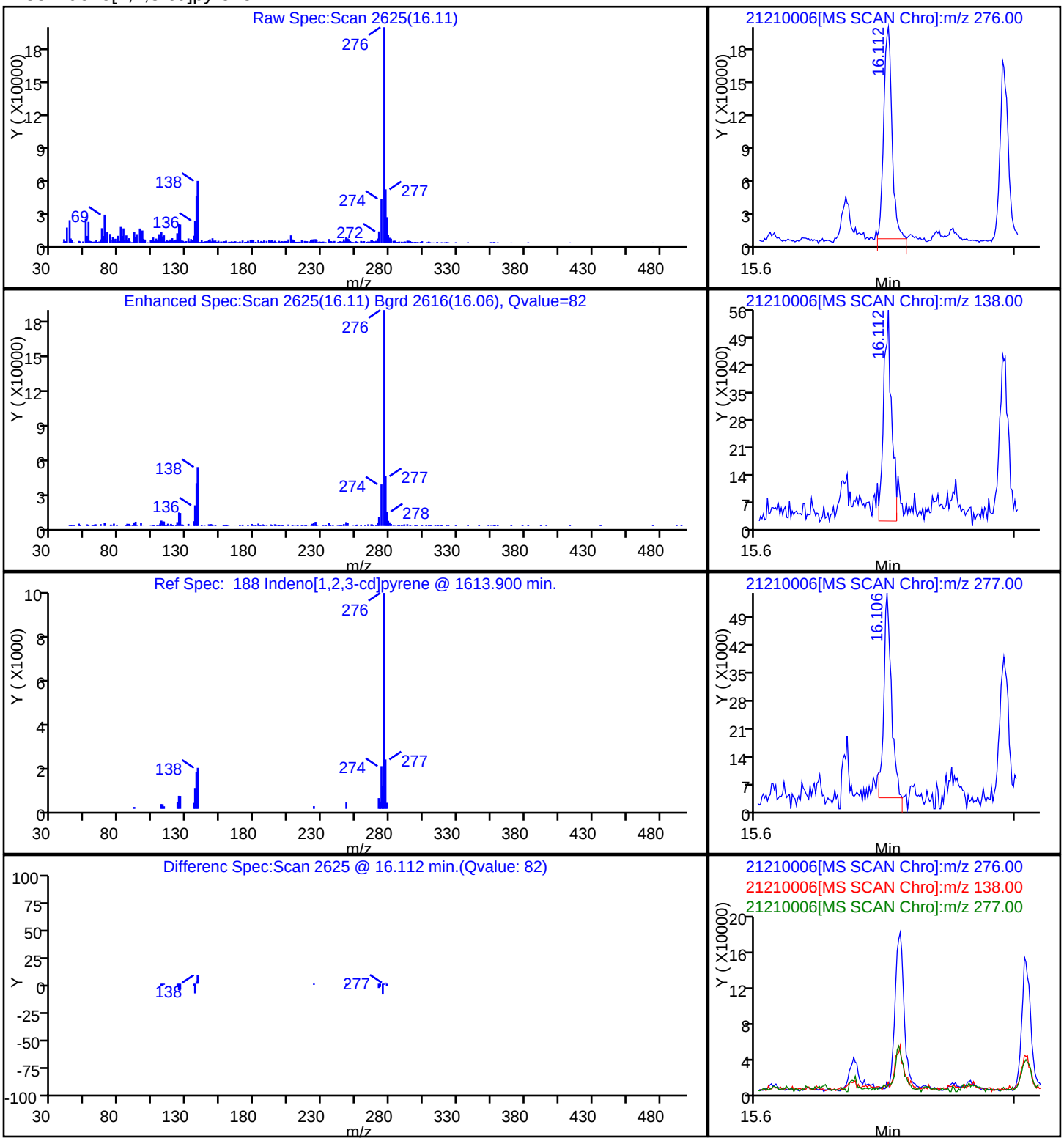
Report Date: 11-Dec-2012 08:19:47 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121210-15667.b\21210006.D

Injection Date:	10-Dec-2012 09:39:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0008M-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	67921	Lims Sample ID:	6
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

188 Indeno[1,2,3-cd]pyrene



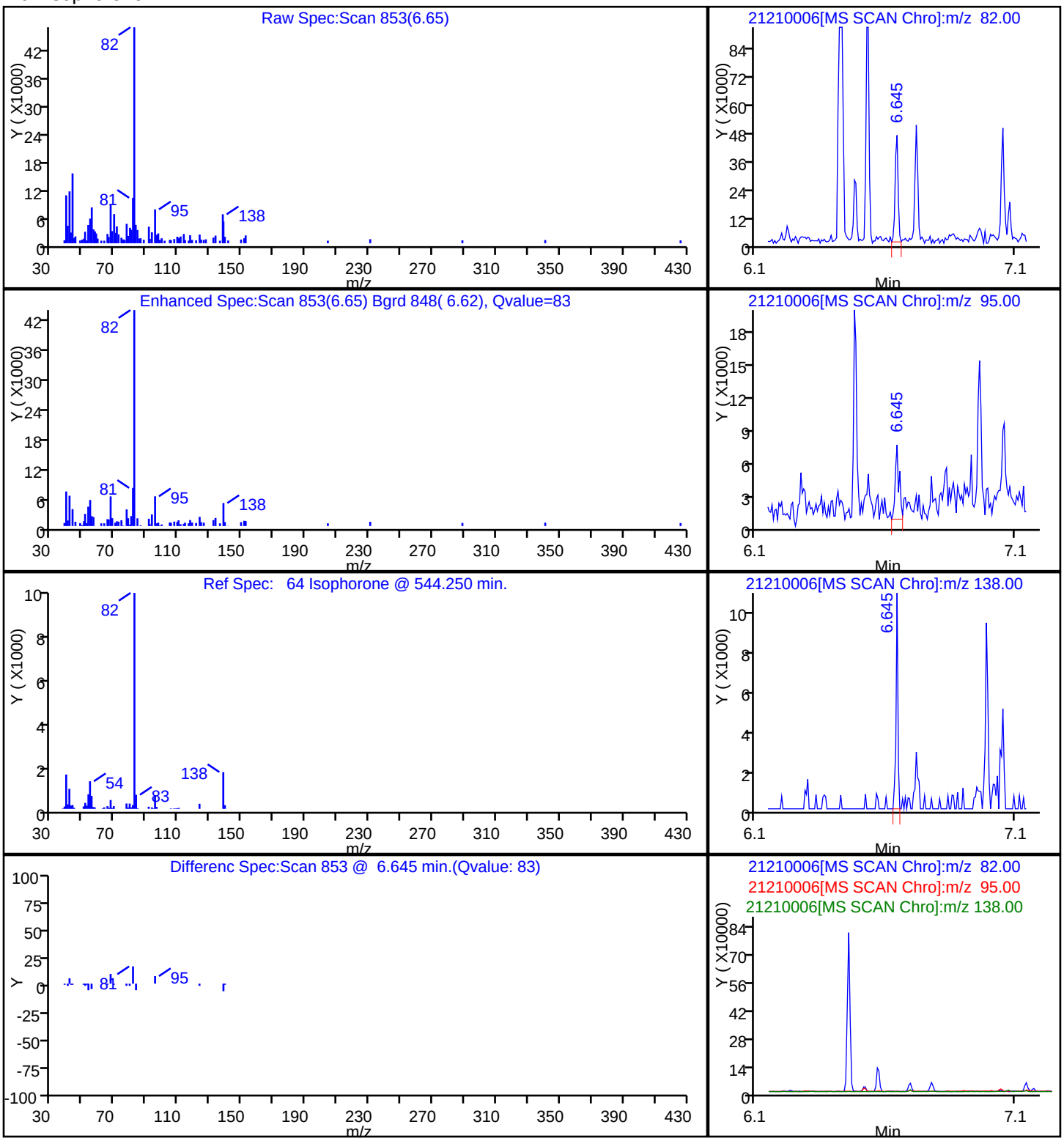
Report Date: 11-Dec-2012 08:19:46 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121210-15667.b\21210006.D

Injection Date:	10-Dec-2012 09:39:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0008M-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	67921	Lims Sample ID:	6
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

64 Isophorone



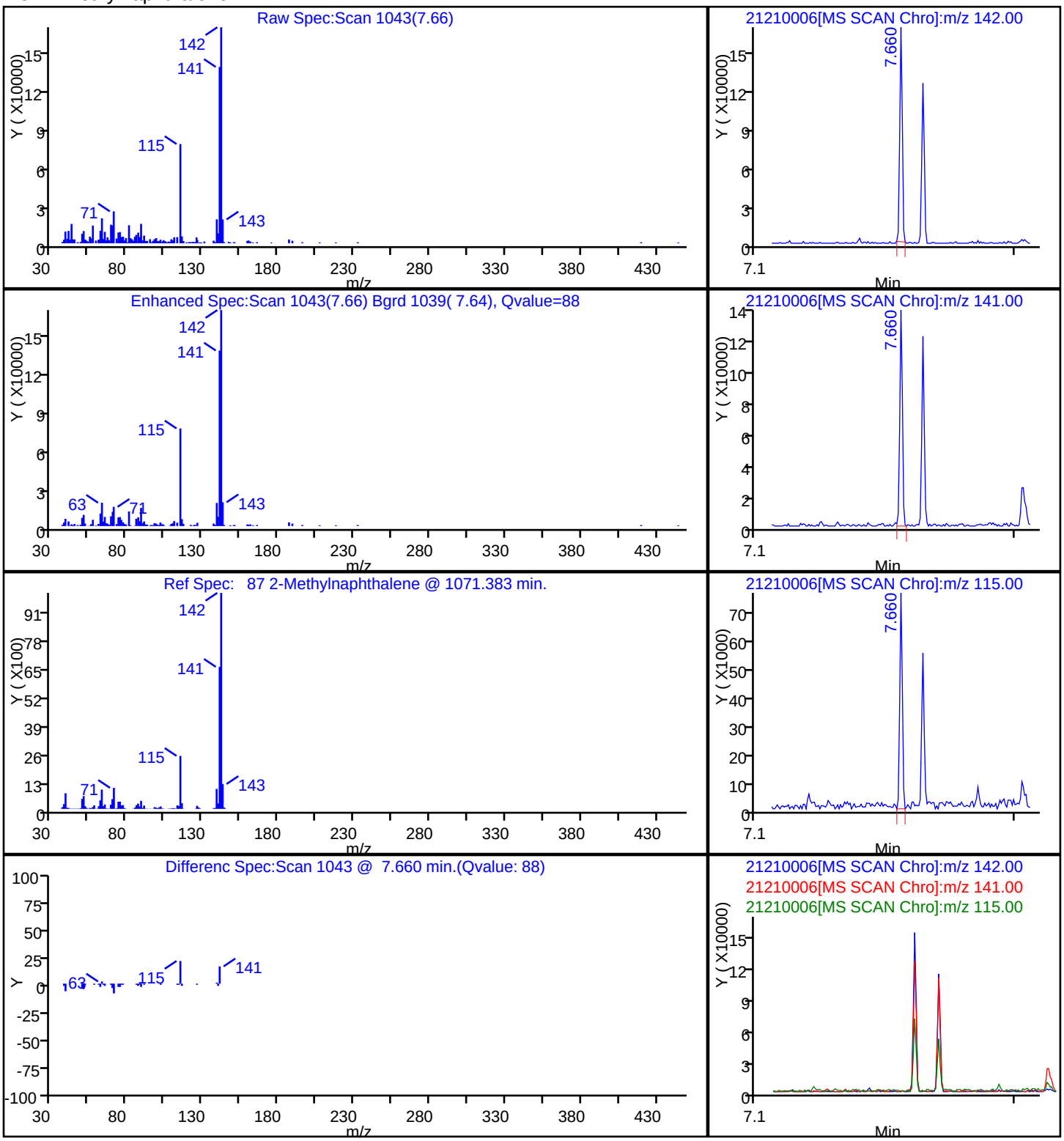
Report Date: 11-Dec-2012 08:19:46 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121210-15667.b\21210006.D

Injection Date:	10-Dec-2012 09:39:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0008M-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	67921	Lims Sample ID:	6
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

87 2-Methylnaphthalene



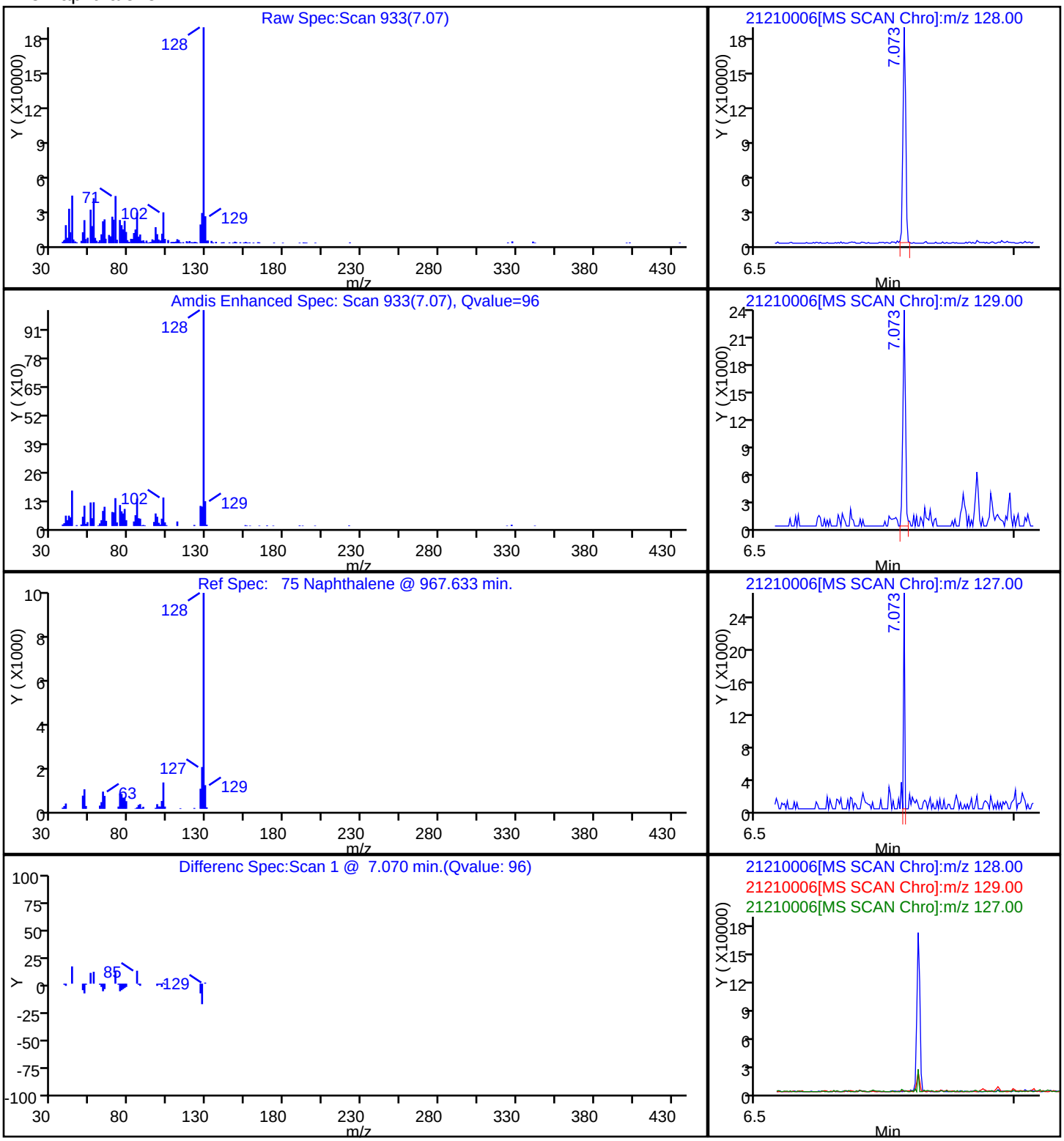
Report Date: 11-Dec-2012 08:19:46 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121210-15667.b\21210006.D

Injection Date:	10-Dec-2012 09:39:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0008M-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	67921	Lims Sample ID:	6
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

75 Naphthalene



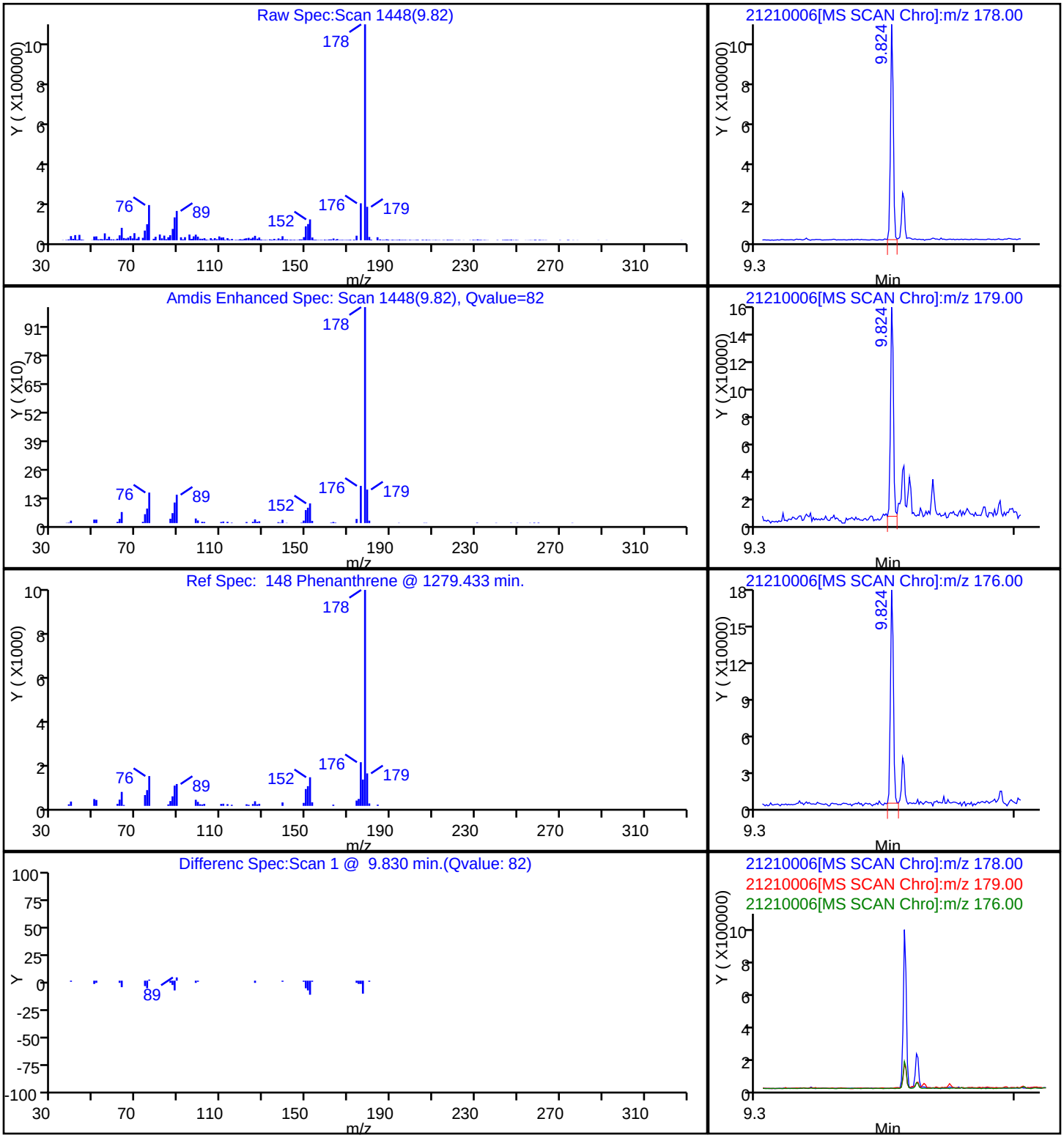
Report Date: 11-Dec-2012 08:19:47 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121210-15667.b\21210006.D

Injection Date:	10-Dec-2012 09:39:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0008M-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	67921	Lims Sample ID:	6
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

148 Phenanthrene



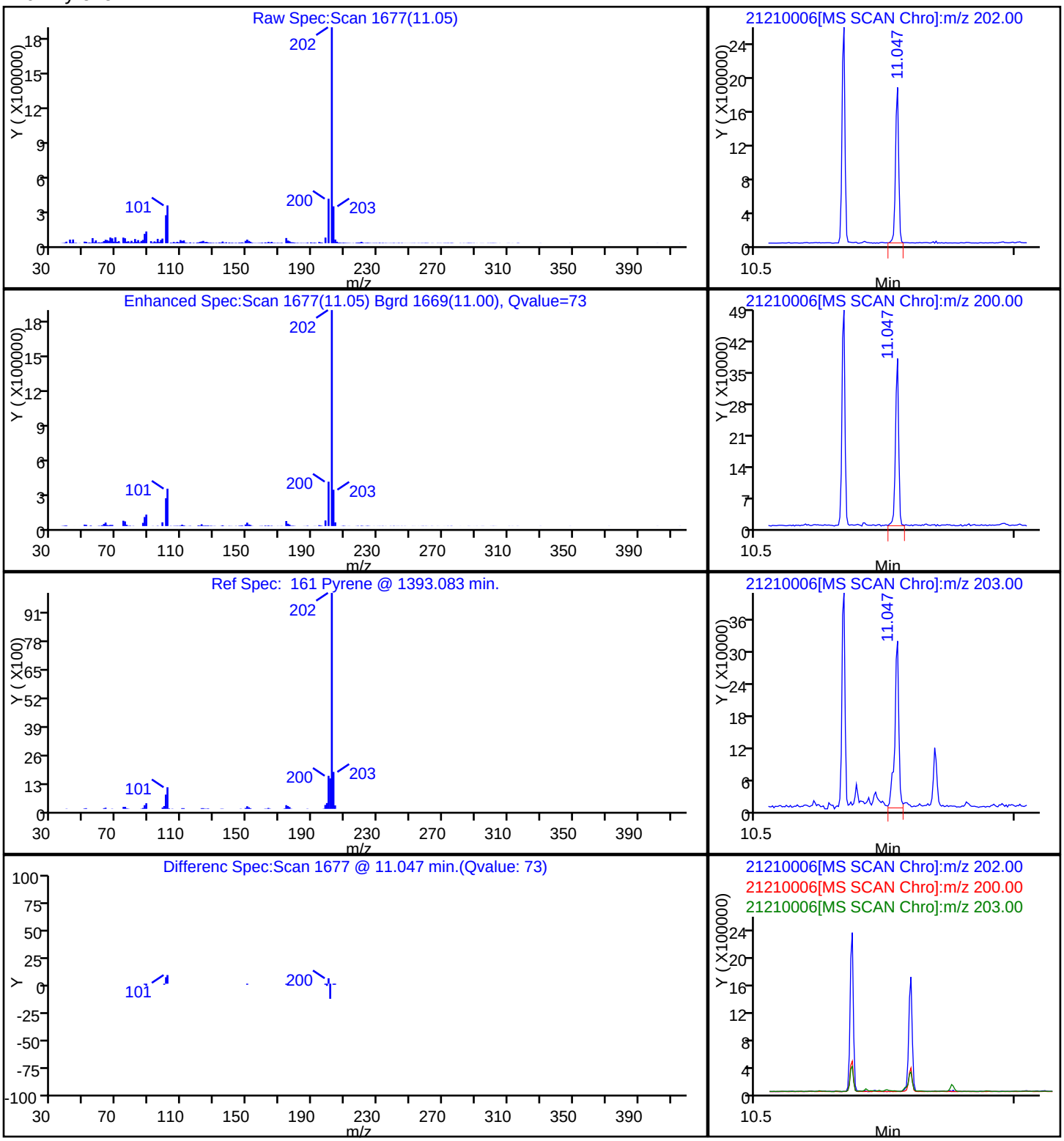
Report Date: 11-Dec-2012 08:19:47 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121210-15667.b\21210006.D

Injection Date:	10-Dec-2012 09:39:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0008M-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	67921	Lims Sample ID:	6
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

161 Pyrene



Manual Integration/User Assign Peak Report

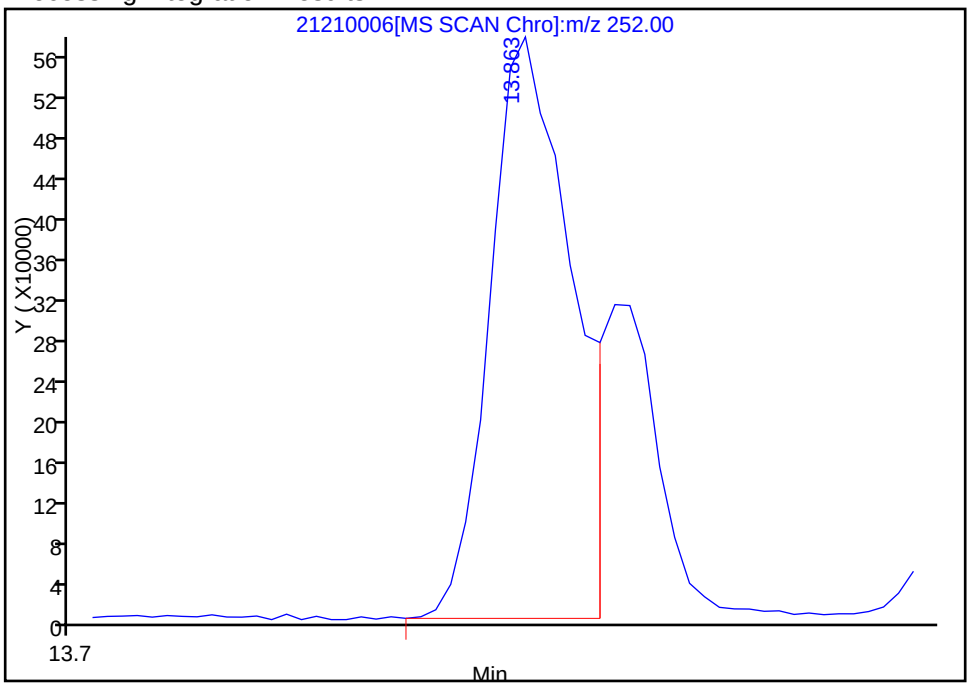
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121210-15667.b\21210006.D		
Injection Date:	10-Dec-2012 09:39:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0008M-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	67921	Lims Sample ID:	6
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

183 Benzo[k]fluoranthene, Signal: 1, m/z: 252.0 Type: quant, RT: 13.90

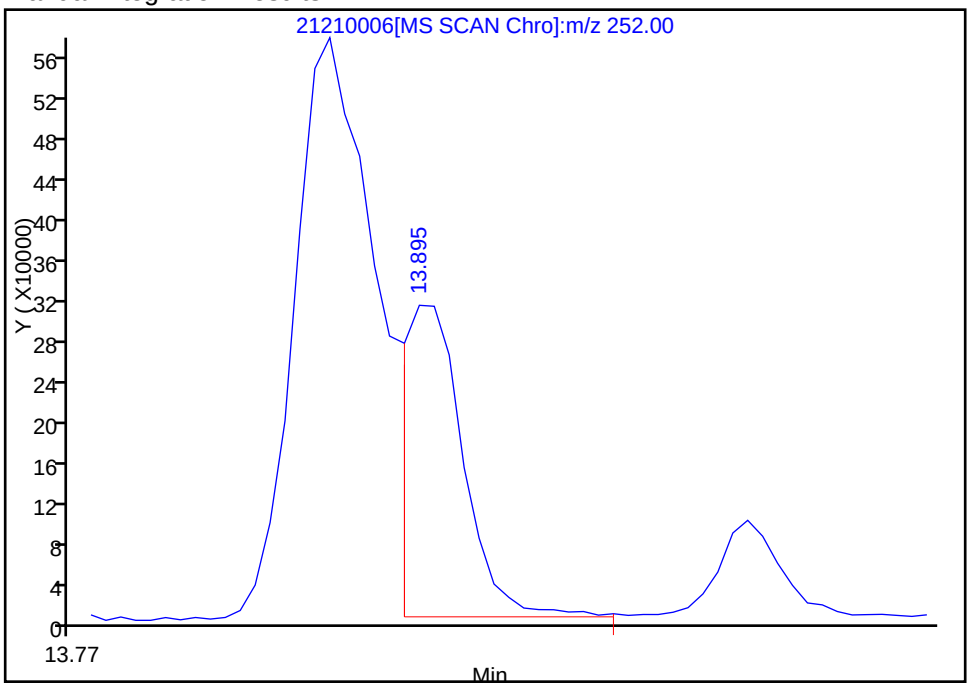
Processing Integration Results

RT: 13.86
Response: 1178957
Amount: 6.779966



Manual Integration Results

RT: 13.89
Response: 465215
Amount: 2.675366



Reviewer: ulmanm, 10-Dec-2012 10:27:19
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

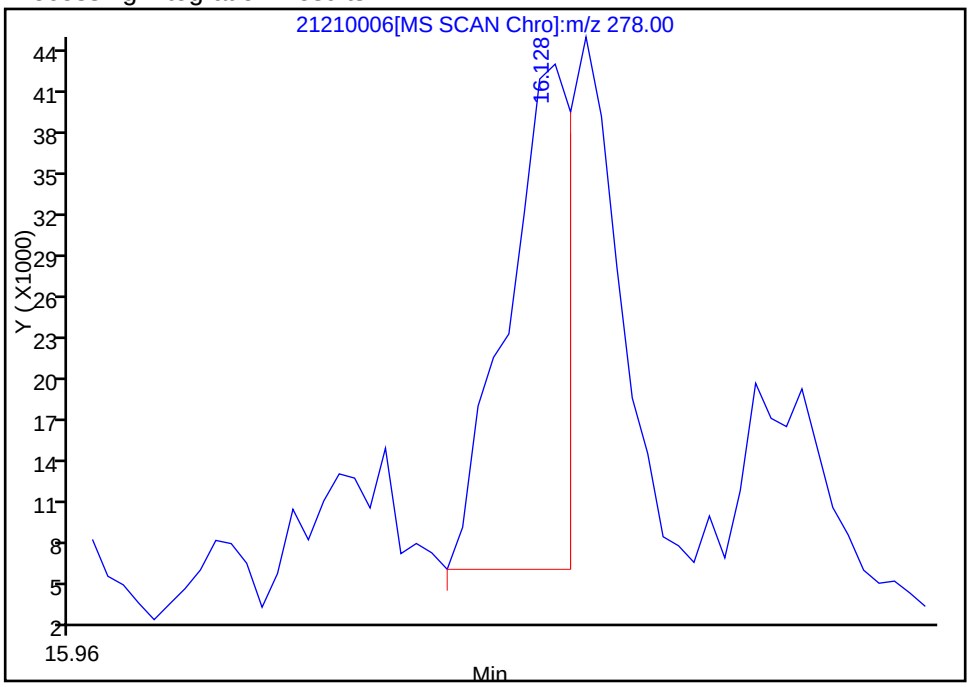
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121210-15667.b\21210006.D		
Injection Date:	10-Dec-2012 09:39:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0008M-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	67921	Lims Sample ID:	6
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

189 Dibenz(a,h)anthracene, Signal: 1, m/z: 278.0 Type: quant, RT: 16.14

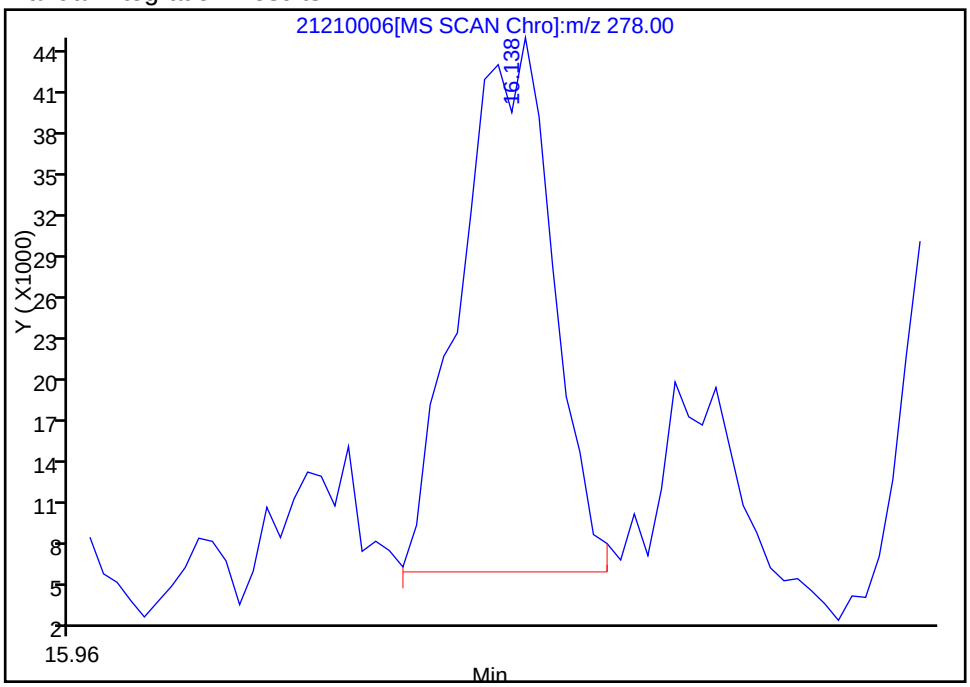
Processing Integration Results

RT: 16.13
Response: 56429
Amount: 0.392162



Manual Integration Results

RT: 16.14
Response: 95661
Amount: 0.664811



Reviewer: ulmanm, 10-Dec-2012 10:27:19
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: 076SD-0008-0001-SO | Lab Sample ID: 240-17317-18

Matrix: Solid | Lab File ID: 21210007.D

Analysis Method: 8270C/DoD | Date Collected: 11/06/2012 18:10

Extract. Method: 3540C | Date Extracted: 11/16/2012 13:26

Sample wt/vol: 29.57(g) | Date Analyzed: 12/10/2012 10:04

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 67921 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	14		6.8	3.3	3.3
208-96-8	Acenaphthylene	41		6.8	3.3	3.3
120-12-7	Anthracene	95		6.8	3.3	3.3
56-55-3	Benzo[a]anthracene	270		6.8	3.3	3.3
50-32-8	Benzo[a]pyrene	260		6.8	3.3	3.3
205-99-2	Benzo[b]fluoranthene	370		6.8	3.3	3.3
191-24-2	Benzo[g,h,i]perylene	120		6.8	3.3	3.3
65-85-0	Benzoic acid	340	U	670	340	340
207-08-9	Benzo[k]fluoranthene	150		6.8	3.3	3.3
100-51-6	Benzyl alcohol	27	U	330	27	21
111-91-1	Bis(2-chloroethoxy)methane	27	U	100	27	22
111-44-4	Bis(2-chloroethyl)ether	3.3	U	100	3.3	2.0
108-60-1	bis (2-chloroisopropyl) ether	27	U	100	27	9.6
117-81-7	Bis(2-ethylhexyl) phthalate	30	J	51	27	19
101-55-3	4-Bromophenyl phenyl ether	27	U	51	27	13
85-68-7	Butyl benzyl phthalate	27	U	51	27	10
86-74-8	Carbazole	27	U	51	27	27
106-47-8	4-Chloroaniline	27	U	150	27	17
59-50-7	4-Chloro-3-methylphenol	27	U	150	27	21
91-58-7	2-Chloronaphthalene	3.3	U	51	3.3	3.3
95-57-8	2-Chlorophenol	27	U	51	27	27
7005-72-3	4-Chlorophenyl phenyl ether	27	U	51	27	13
218-01-9	Chrysene	290		6.8	3.3	1.1
53-70-3	Dibenz(a,h)anthracene	38		6.8	3.3	3.3
132-64-9	Dibenzofuran	31	J	51	3.3	3.3
106-46-7	1,4-Dichlorobenzene	27	U	51	27	20
95-50-1	1,2-Dichlorobenzene	27	U	51	27	9.8
541-73-1	1,3-Dichlorobenzene	27	U	51	27	11
91-94-1	3,3'-Dichlorobenzidine	81	U	100	81	18
120-83-2	2,4-Dichlorophenol	27	U	150	27	20
84-66-2	Diethyl phthalate	27	U	51	27	16
105-67-9	2,4-Dimethylphenol	81	U	150	81	20
131-11-3	Dimethyl phthalate	27	U	51	27	17
84-74-2	Di-n-butyl phthalate	27	U	51	27	15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: 076SD-0008-0001-SO | Lab Sample ID: 240-17317-18

Matrix: Solid | Lab File ID: 21210007.D

Analysis Method: 8270C/DoD | Date Collected: 11/06/2012 18:10

Extract. Method: 3540C | Date Extracted: 11/16/2012 13:26

Sample wt/vol: 29.57(g) | Date Analyzed: 12/10/2012 10:04

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 67921 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	81	U	150	81	81
51-28-5	2,4-Dinitrophenol	81	U	330	81	81
121-14-2	2,4-Dinitrotoluene	27	U	200	27	27
606-20-2	2,6-Dinitrotoluene	27	U	200	27	21
117-84-0	Di-n-octyl phthalate	27	U	51	27	27
206-44-0	Fluoranthene	720		6.8	3.3	3.3
86-73-7	Fluorene	42		6.8	3.3	3.3
118-74-1	Hexachlorobenzene	3.3	U	6.8	3.3	2.1
87-68-3	Hexachlorobutadiene	27	U	51	27	27
77-47-4	Hexachlorocyclopentadiene	27	U	330	27	27
67-72-1	Hexachloroethane	27	U	51	27	9.1
193-39-5	Indeno[1,2,3-cd]pyrene	130		6.8	3.3	3.3
78-59-1	Isophorone	27	U	51	27	13
91-57-6	2-Methylnaphthalene	61		6.8	3.3	3.3
95-48-7	2-Methylphenol	81	U	200	81	81
15831-10-4	3 & 4 Methylphenol	81	U	410	81	20
91-20-3	Naphthalene	61		6.8	3.3	3.3
88-74-4	2-Nitroaniline	27	U	200	27	9.2
99-09-2	3-Nitroaniline	81	U	200	81	16
100-01-6	4-Nitroaniline	27	U	200	27	26
98-95-3	Nitrobenzene	3.3	U	100	3.3	2.2
88-75-5	2-Nitrophenol	27	U	51	27	27
100-02-7	4-Nitrophenol	81	U	330	81	81
621-64-7	N-Nitrosodi-n-propylamine	27	U	51	27	27
86-30-6	N-Nitrosodiphenylamine	27	U	51	27	21
87-86-5	Pentachlorophenol	81	U	150	81	81
85-01-8	Phenanthrene	430		6.8	3.3	3.3
108-95-2	Phenol	27	U	51	27	27
129-00-0	Pyrene	530		6.8	3.3	3.3
120-82-1	1,2,4-Trichlorobenzene	27	U	51	27	27
95-95-4	2,4,5-Trichlorophenol	27	U	150	27	25
88-06-2	2,4,6-Trichlorophenol	81	U	150	81	81

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: 076SD-0008-0001-SO | Lab Sample ID: 240-17317-18

Matrix: Solid | Lab File ID: 21210007.D

Analysis Method: 8270C/DoD | Date Collected: 11/06/2012 18:10

Extract. Method: 3540C | Date Extracted: 11/16/2012 13:26

Sample wt/vol: 29.57(g) | Date Analyzed: 12/10/2012 10:04

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 67921 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	53		45-105
367-12-4	2-Fluorophenol (Surr)	67		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	58		35-100
1718-51-0	Terphenyl-d14 (Surr)	62		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	70		35-125
4165-62-2	Phenol-d5 (Surr)	69		40-100

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121210-15667.b\21210007.D
Lims ID: 240-17317-A-18-D Client ID: 076SD-0008-0001-SO
Inject. Date: 10-Dec-2012 10:04:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0015667-007
Misc. Info.: 240-17317-A-18-D =240-17317-A-18-D
Operator: 001574 Instrument ID: A4HP9
Injection Vol: 1.0 ul ALS Bottle#: 7
Lims Batch ID: 67921 Lims Sample ID: 7
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121210-15667.b\8270 _9.m
Last Update: 11-Dec-2012 08:19:38 Calib Date: 03-Dec-2012 15:01:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: 5% phenyl Column Dia: 0.18 mm
Process Host: XAWRK035

First Level Reviewer: ulmanm Date: 10-Dec-2012 10:41:07

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.940	5.937	0.003	85	130784	4.00	
* 2 Naphthalene-d8	136	7.056	7.054	0.002	99	560407	4.00	
* 3 Acenaphthene-d10	164	8.547	8.550	-0.003	64	369492	4.00	
* 4 Phenanthrene-d10	188	9.808	9.805	0.003	80	648025	4.00	
* 5 Chrysene-d12	240	12.361	12.359	0.002	79	650518	4.00	
* 6 Perylene-d12	264	14.450	14.442	0.008	84	508572	4.00	
$ 7 2-Fluorophenol	112	4.716	4.677	0.039	91	513382	9.98	
$ 8 Phenol-d5	99	5.587	5.579	0.008	0	769921	10.4	
$ 9 Nitrobenzene-d5	82	6.426	6.424	0.002	84	499261	5.82	
$ 10 2-Fluorobiphenyl (Surr)	172	7.959	7.962	-0.003	97	651916	5.31	
$ 11 2,4,6-Tribromophenol	330	9.209	9.212	-0.003	80	151155	10.6	
$ 12 Terphenyl-d14	244	11.159	11.157	0.002	80	821927	6.17	
43 Phenol	94	5.598	5.590	0.008	75	16218	0.1926	
69 Bis(2-chloroethyl)ether	93		5.686					9
46 2-Chlorophenol	128		5.745					9
47 1,3-Dichlorobenzene	146		5.889					9
48 1,4-Dichlorobenzene	146	5.951	5.953	-0.003	49	11243	0.2168	
49 Benzyl alcohol	108		6.050					9
50 1,2-Dichlorobenzene	146		6.092					9
51 2-Methylphenol	108		6.140					9
53 2,2'-oxybis[1-chloropropane]	45		6.167					
21 3 & 4 Methylphenol	108		6.269					9
57 N-Nitrosodi-n-propylamine	70		6.279					
61 Hexachloroethane	117		6.391					
62 Nitrobenzene	77		6.440					
64 Isophorone	82		6.643					
66 2-Nitrophenol	139		6.717					9
65 2,4-Dimethylphenol	107		6.733					9
71 Benzoic acid	122	6.757	6.803	-0.046	68	8712	1.79	
70 Bis(2-chloroethoxy)methane	93		6.819					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
73 2,4-Dichlorophenol	162		6.920					9
74 1,2,4-Trichlorobenzene	180		7.000					
75 Naphthalene	128	7.072	7.075	-0.003	78	138864	0.9023	
76 4-Chloroaniline	127		7.107					9
79 Hexachlorobutadiene	225		7.171					
86 4-Chloro-3-methylphenol	107		7.503					
87 2-Methylnaphthalene	142	7.660	7.663	-0.003	86	86555	0.8971	
89 Hexachlorocyclopentadiene	237		7.791					
92 2,4,6-Trichlorophenol	196		7.887					
93 2,4,5-Trichlorophenol	196		7.919					
100 2-Chloronaphthalene	162		8.080					9
102 2-Nitroaniline	65		8.149					
105 Dimethyl phthalate	163		8.288					9
107 2,6-Dinitrotoluene	165		8.347					
109 Acenaphthylene	152	8.429	8.432	-0.003	86	98102	0.6037	
110 3-Nitroaniline	138		8.491					9
112 Acenaphthene	153	8.574	8.576	-0.002	78	21695	0.2105	
111 2,4-Dinitrophenol	184		8.582					
113 4-Nitrophenol	109		8.608					
114 2,4-Dinitrotoluene	165		8.689					9
116 Dibenzofuran	168	8.718	8.721	-0.003	81	68830	0.4628	
121 Diethyl phthalate	149		8.876					
123 4-Chlorophenyl phenyl ether	204		8.993					9
126 Fluorene	166	9.012	9.009	0.003	78	78477	0.6234	
125 4-Nitroaniline	138		9.009					
128 4,6-Dinitro-2-methylphenol	198		9.031					9
131 N-Nitrosodiphenylamine	169		9.089					
139 4-Bromophenyl phenyl ether	248		9.410					
141 Hexachlorobenzene	284		9.474					
143 Pentachlorophenol	266		9.634					
148 Phenanthrene	178	9.824	9.826	-0.002	83	1239644	6.40	
149 Anthracene	178	9.872	9.869	0.003	82	271068	1.40	
151 Carbazole	167	9.995	9.992	0.002	61	64729	0.3726	
154 Di-n-butyl phthalate	149	10.246	10.249	-0.002	57	30673	0.1437	
159 Fluoranthene	202	10.849	10.836	0.013	77	2347372	10.6	
161 Pyrene	202	11.047	11.044	0.003	72	1750245	7.78	
168 Butyl benzyl phthalate	149		11.637					
175 3,3'-Dichlorobenzidine	252		12.289					
173 Bis(2-ethylhexyl) phthalate	149	12.313	12.311	0.002	68	58795	0.4398	
177 Benzo[a]anthracene	228	12.345	12.348	-0.003	89	806298	3.98	
178 Chrysene	228	12.398	12.396	0.002	79	803550	4.33	
180 Di-n-octyl phthalate	149		13.219					
182 Benzo[b]fluoranthene	252	13.862	13.860	0.002	82	958823	5.44	
183 Benzo[k]fluoranthene	252	13.900	13.903	-0.003	87	403279	2.22	
184 Benzo[a]pyrene	252	14.364	14.357	0.007	72	642120	3.86	
188 Indeno[1,2,3-cd]pyrene	276	16.111	16.109	0.002	73	338176	1.85	
189 Dibenz(a,h)anthracene	278	16.138	16.141	-0.003	48	84317	0.5620	
190 Benzo[g,h,i]perylene	276	16.560	16.563	-0.003	72	268926	1.75	

QC Flag Legend

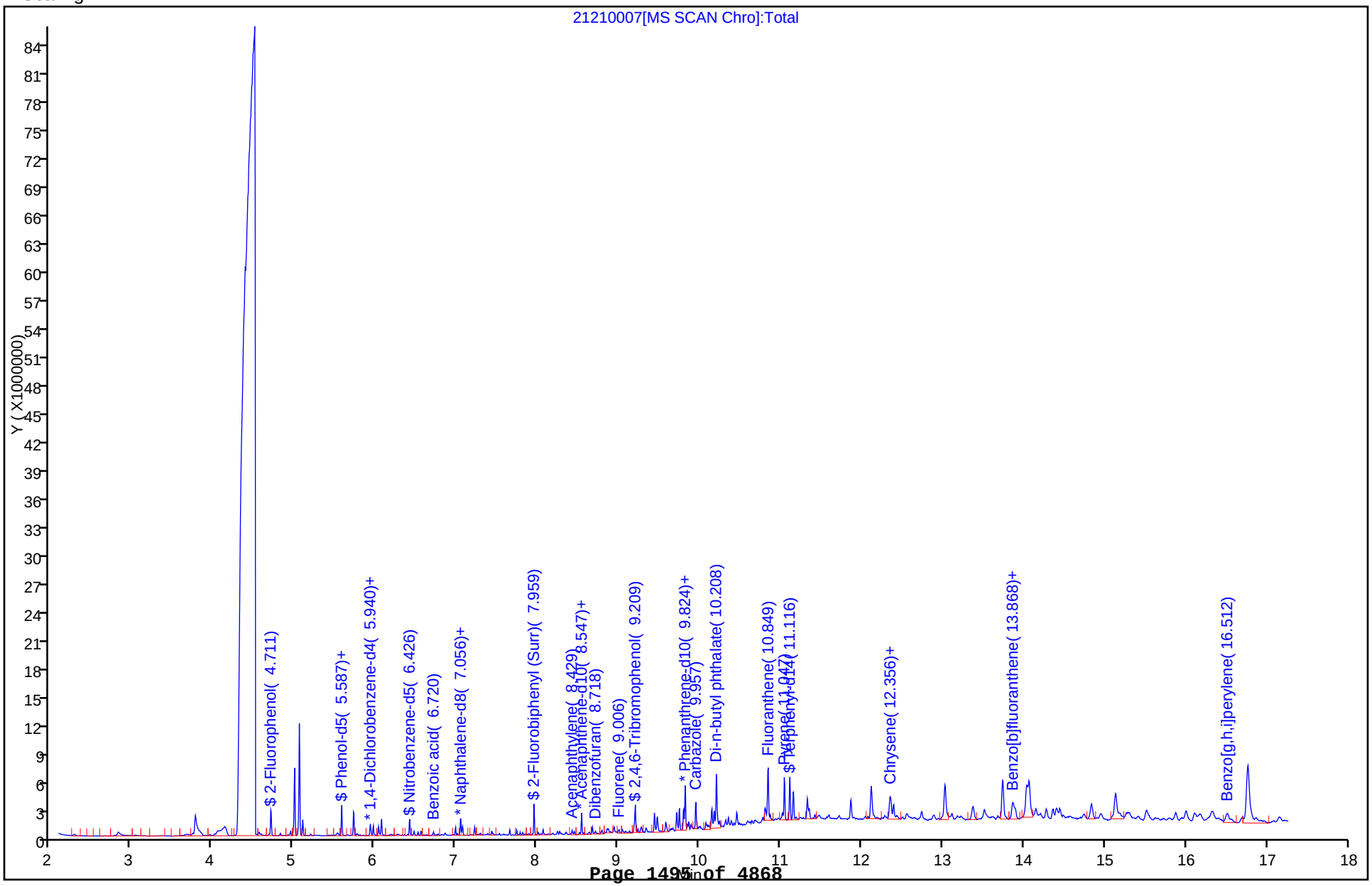
Processing Flags
9 - Failed A Reference Spectral Test

Report Date: 11-Dec-2012 08:19:50 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121210-15667.b\21210007.D		
Injection Date:	10-Dec-2012 10:04:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SD-0008-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	67921	Lims Sample ID:	7
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



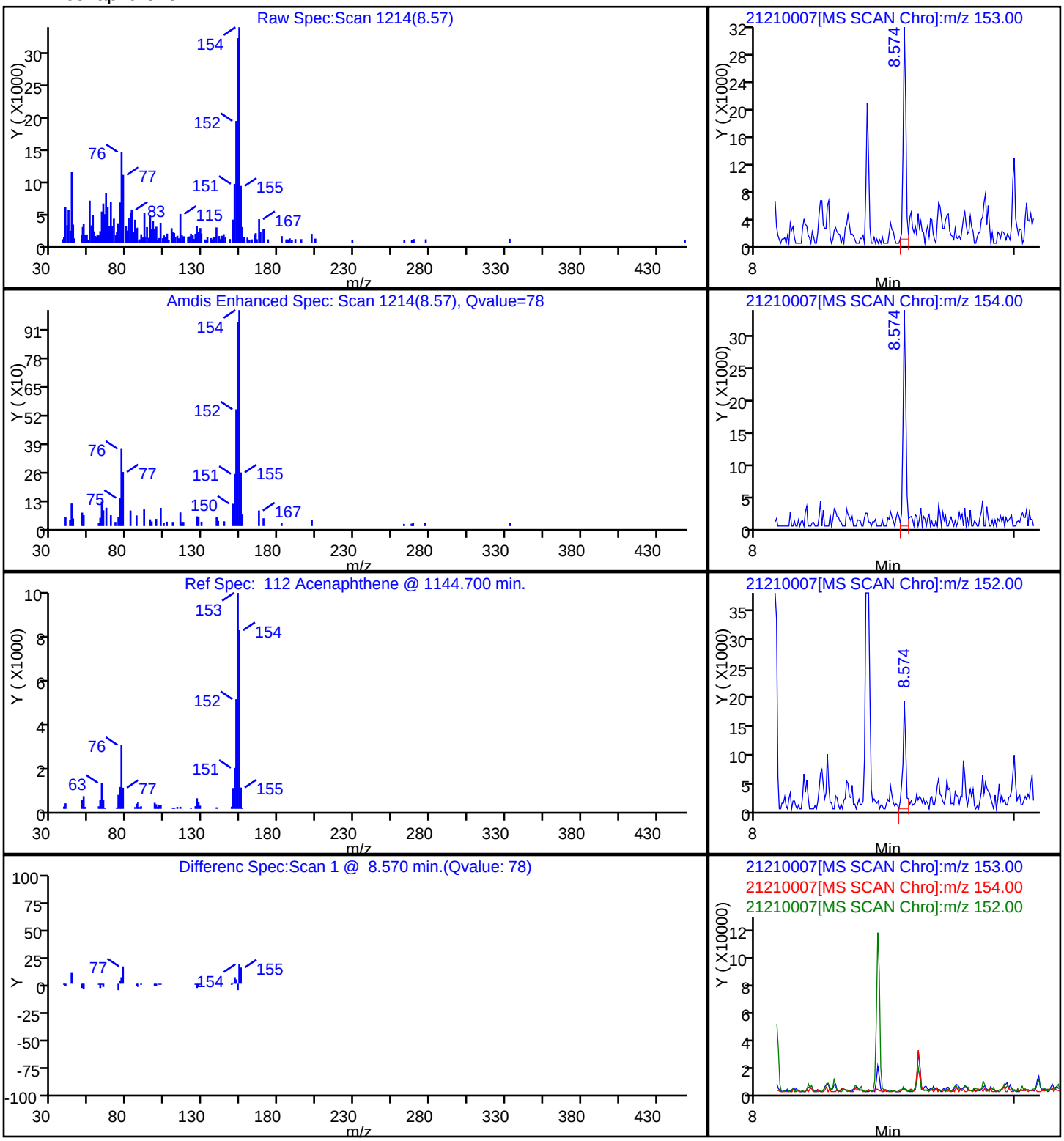
Report Date: 11-Dec-2012 08:19:51 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121210-15667.b\21210007.D

Injection Date:	10-Dec-2012 10:04:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SD-0008-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	67921	Lims Sample ID:	7
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

112 Acenaphthene



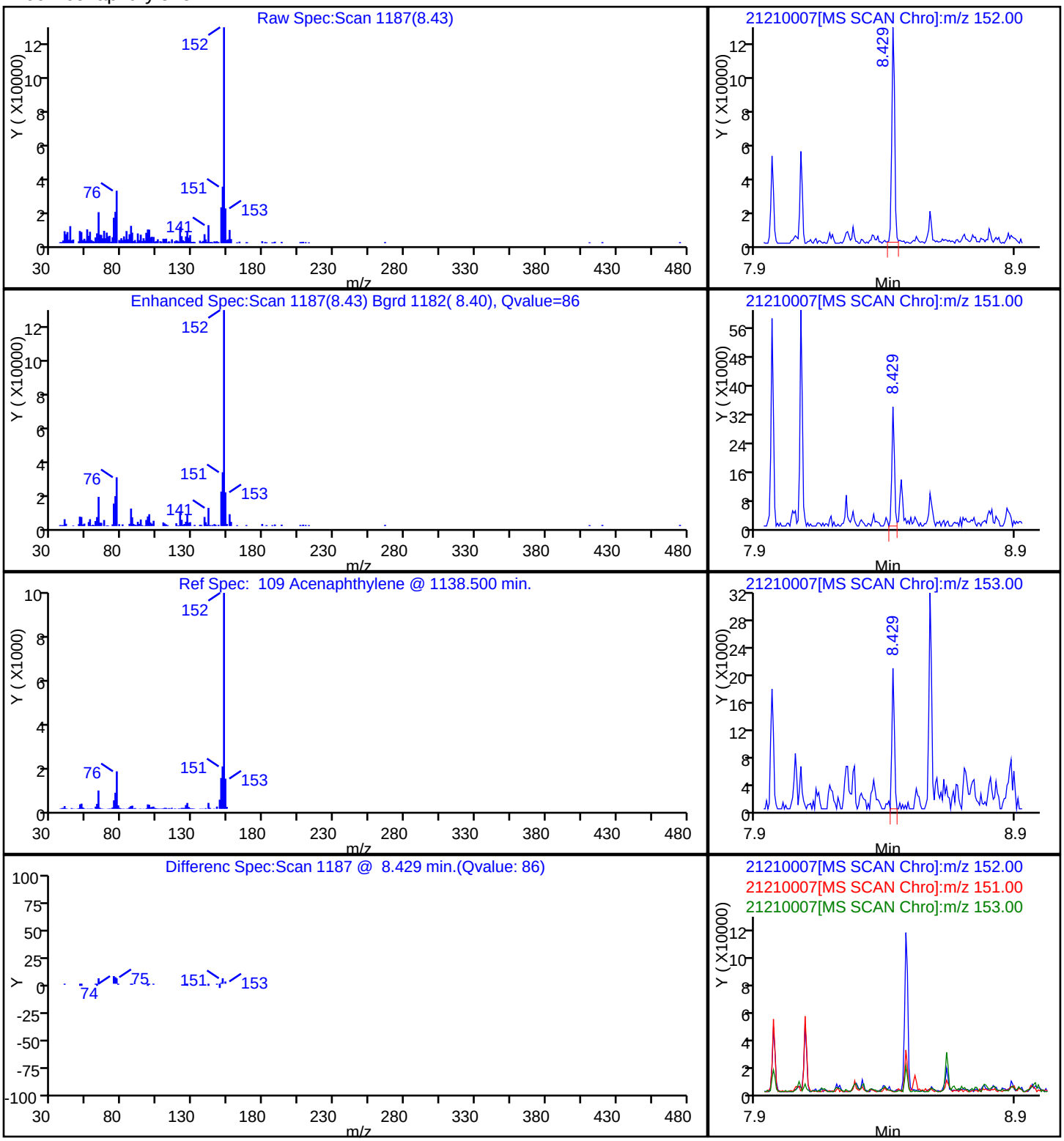
Report Date: 11-Dec-2012 08:19:51 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121210-15667.b\21210007.D

Injection Date:	10-Dec-2012 10:04:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SD-0008-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	67921	Lims Sample ID:	7
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

109 Acenaphthylene



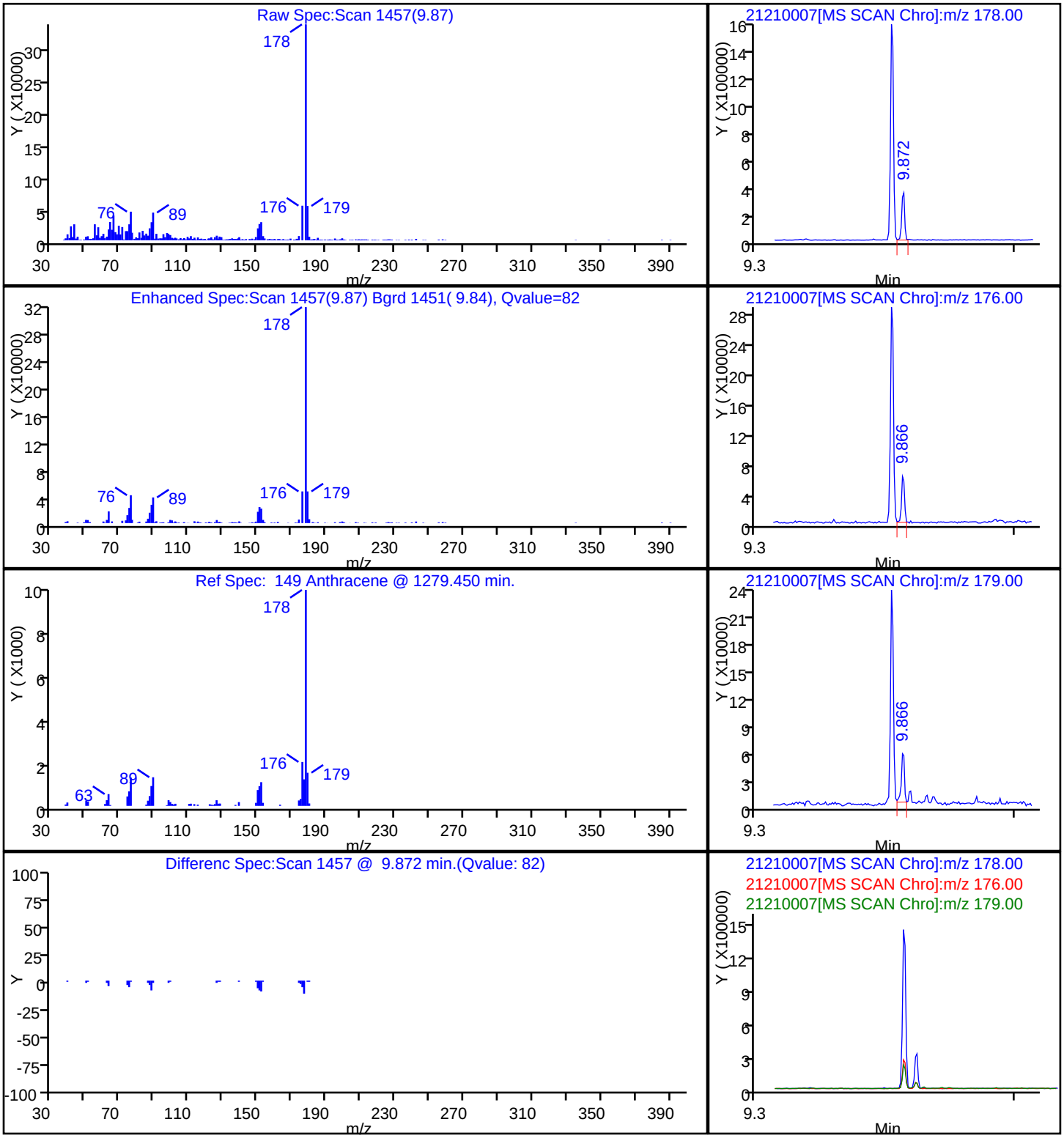
Report Date: 11-Dec-2012 08:19:51 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121210-15667.b\21210007.D

Injection Date:	10-Dec-2012 10:04:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SD-0008-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	67921	Lims Sample ID:	7
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

149 Anthracene



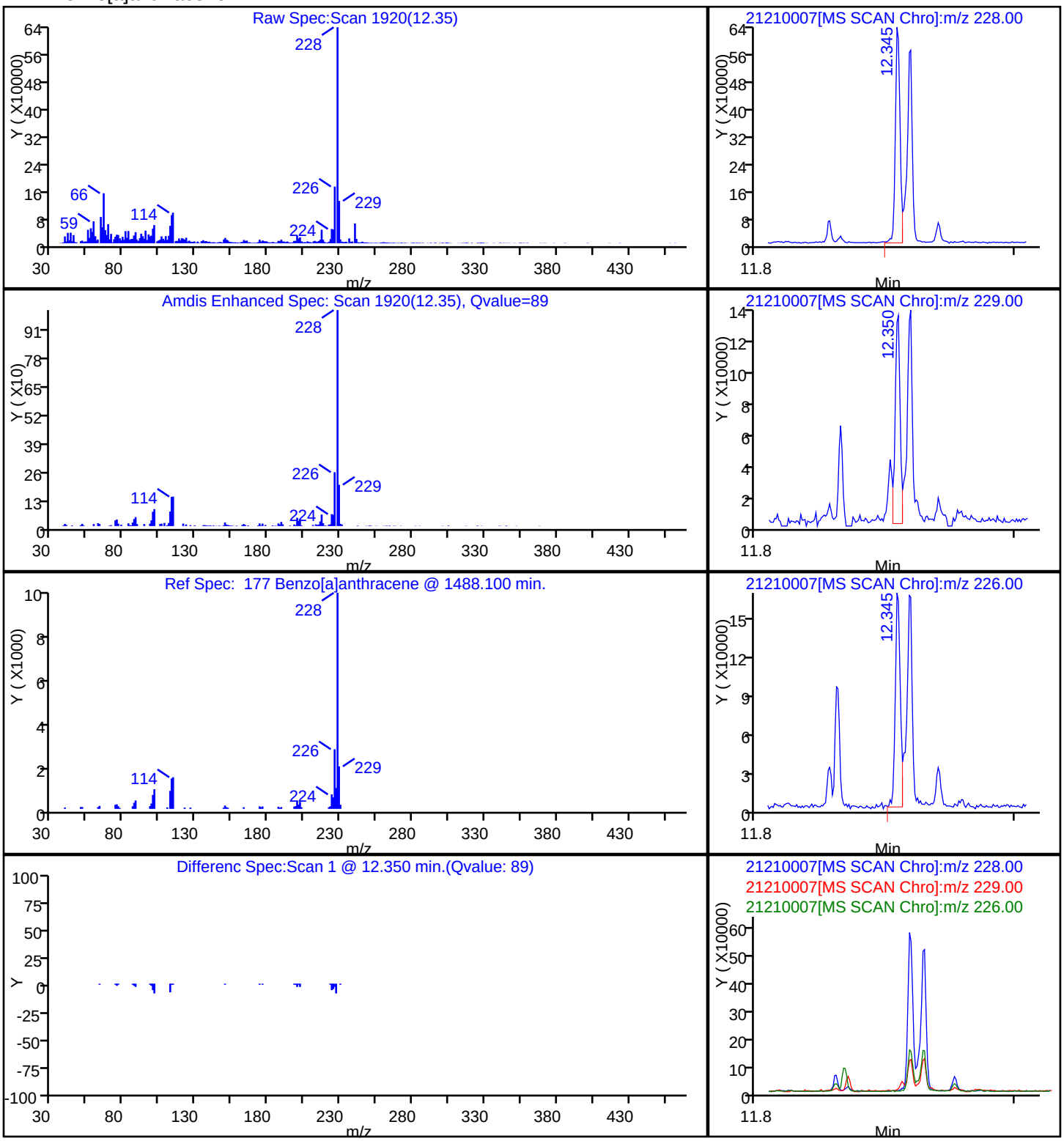
Report Date: 11-Dec-2012 08:19:51 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121210-15667.b\21210007.D

Injection Date:	10-Dec-2012 10:04:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SD-0008-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	67921	Lims Sample ID:	7
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

177 Benzo[a]anthracene



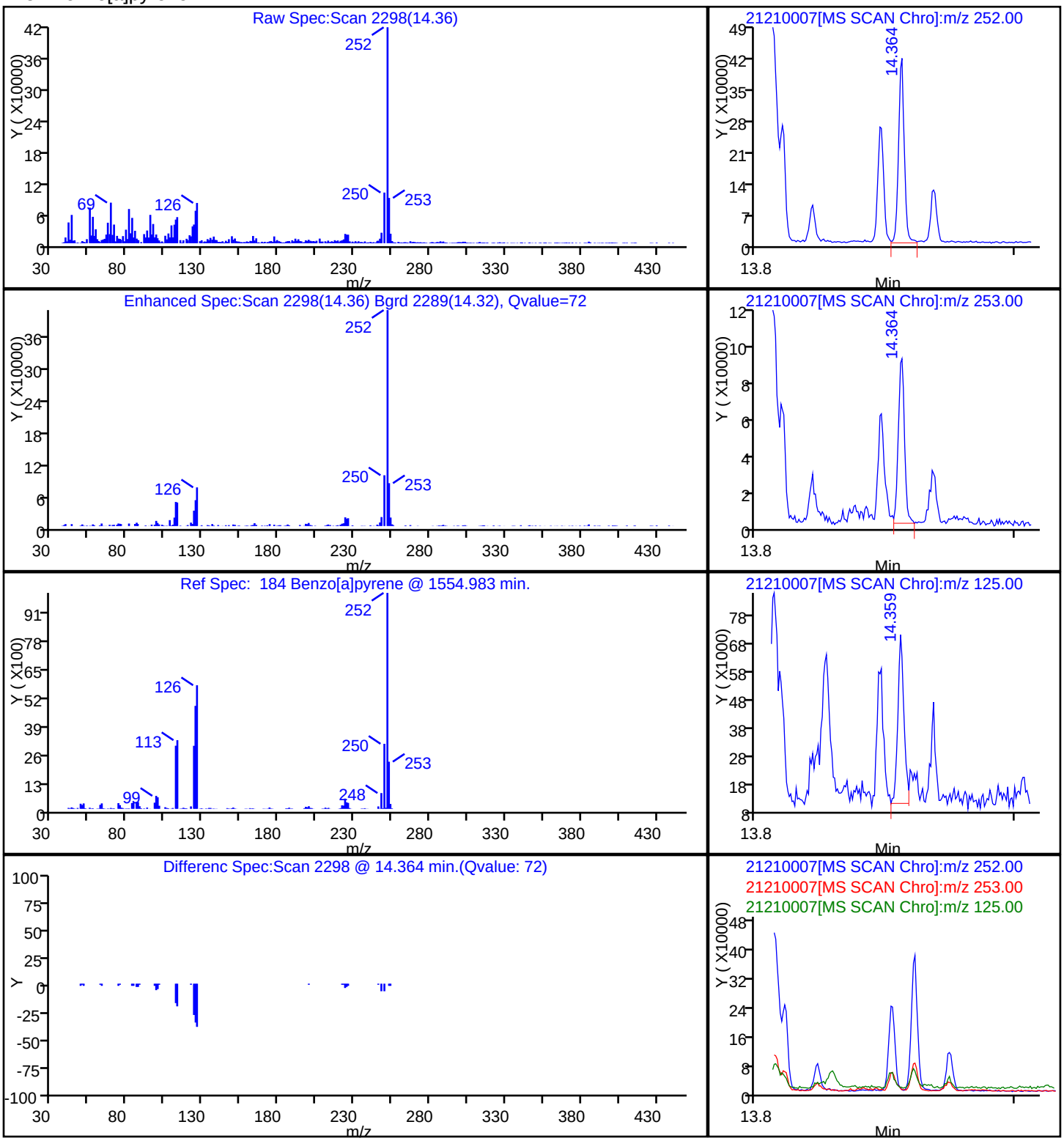
Report Date: 11-Dec-2012 08:19:51 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121210-15667.b\21210007.D

Injection Date:	10-Dec-2012 10:04:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SD-0008-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	67921	Lims Sample ID:	7
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

184 Benzo[a]pyrene



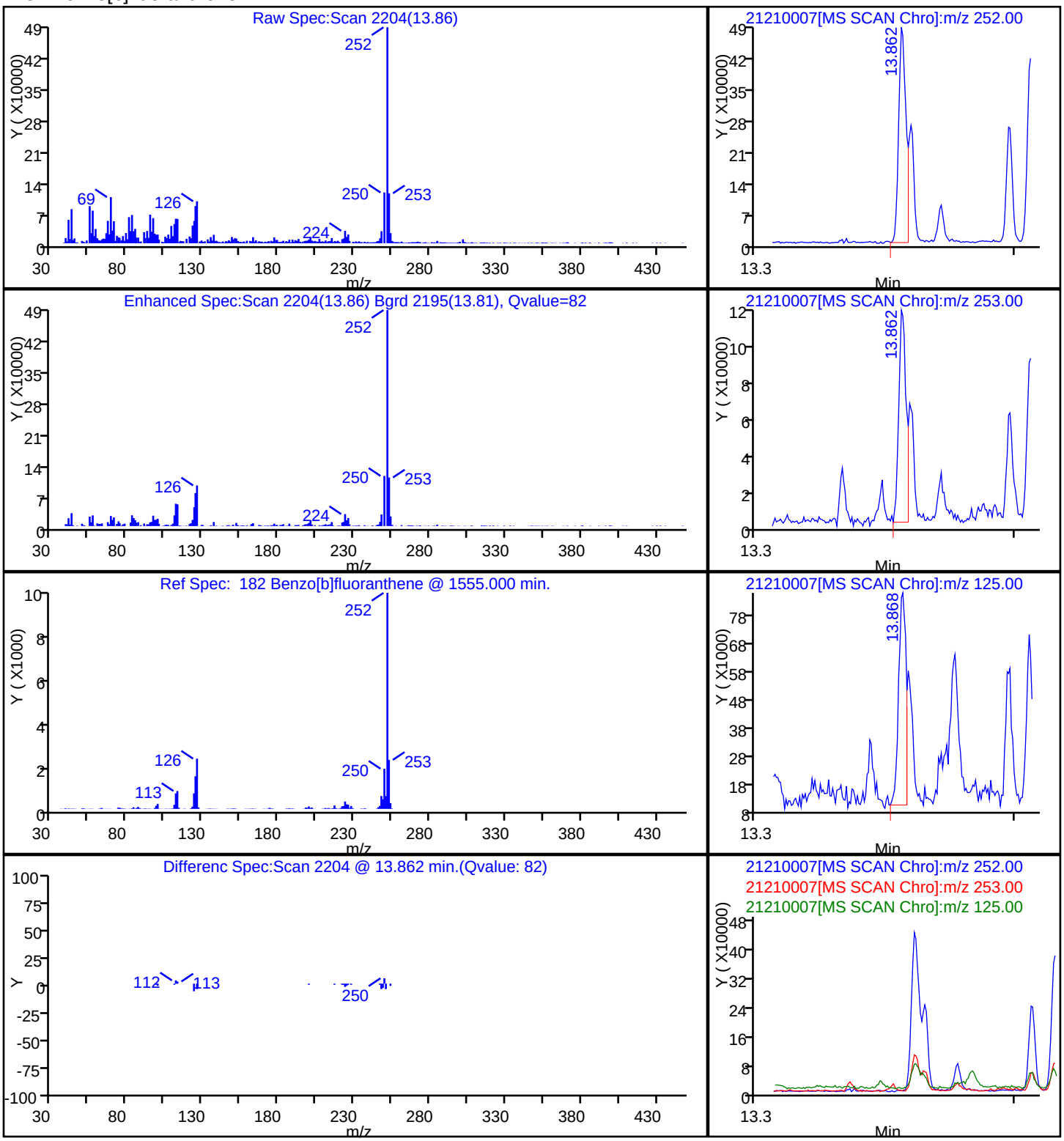
Report Date: 11-Dec-2012 08:19:51 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121210-15667.b\21210007.D

Injection Date:	10-Dec-2012 10:04:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SD-0008-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	67921	Lims Sample ID:	7
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

182 Benzo[b]fluoranthene



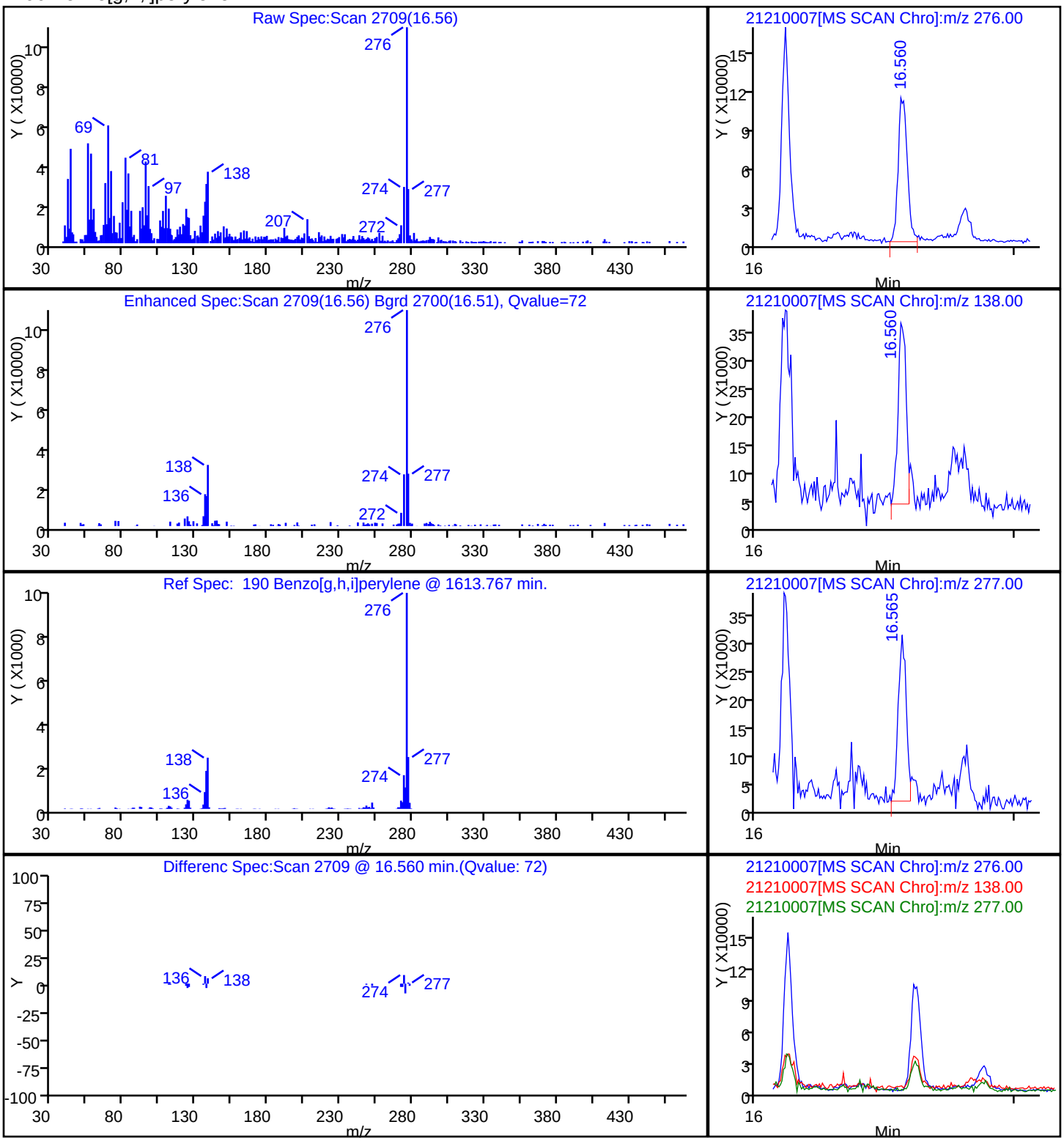
Report Date: 11-Dec-2012 08:19:52 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121210-15667.b\21210007.D

Injection Date:	10-Dec-2012 10:04:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SD-0008-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	67921	Lims Sample ID:	7
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

190 Benzo[g,h,i]perylene



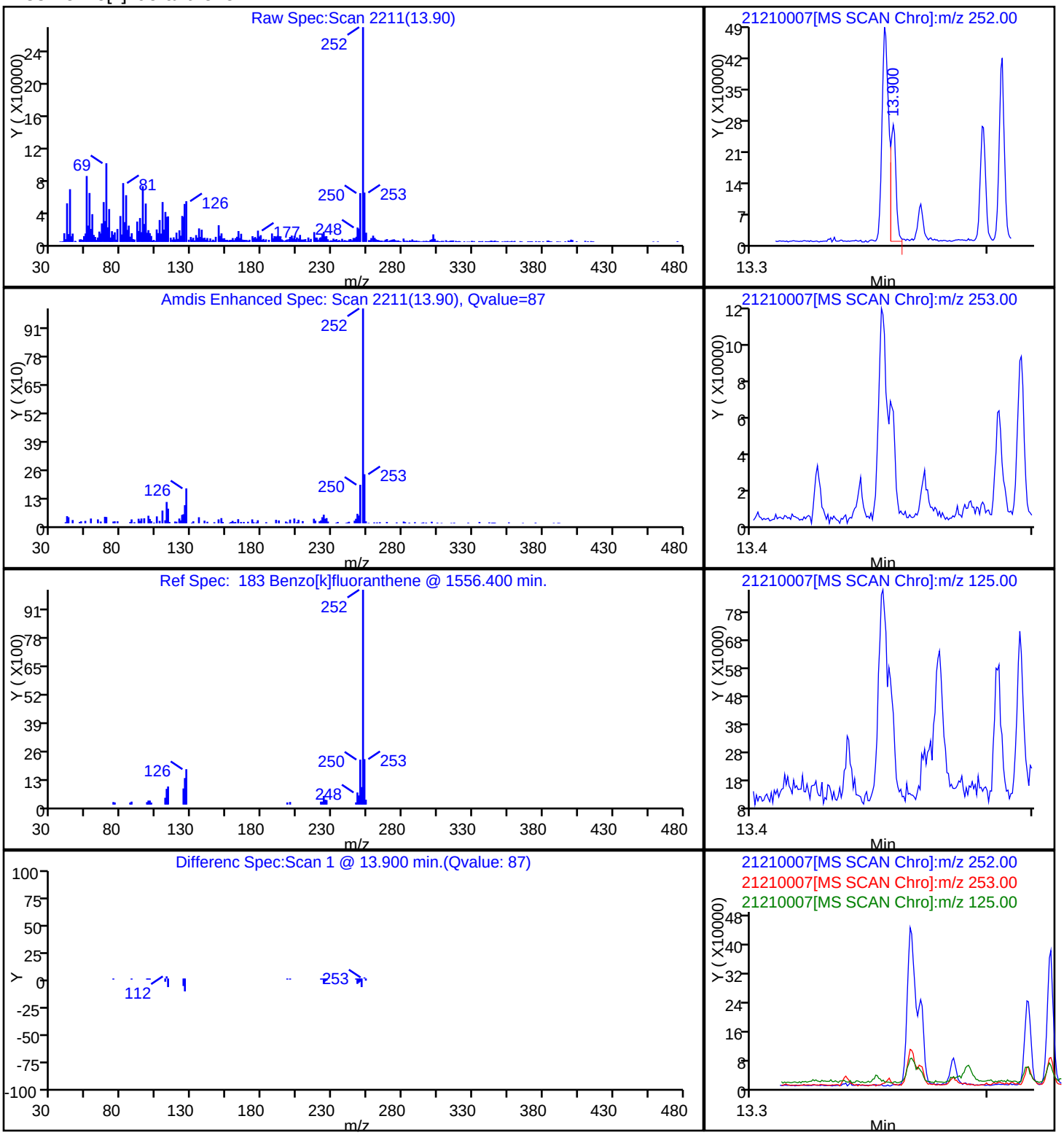
Report Date: 11-Dec-2012 08:19:51 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121210-15667.b\21210007.D

Injection Date:	10-Dec-2012 10:04:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SD-0008-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	67921	Lims Sample ID:	7
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

183 Benzo[k]fluoranthene



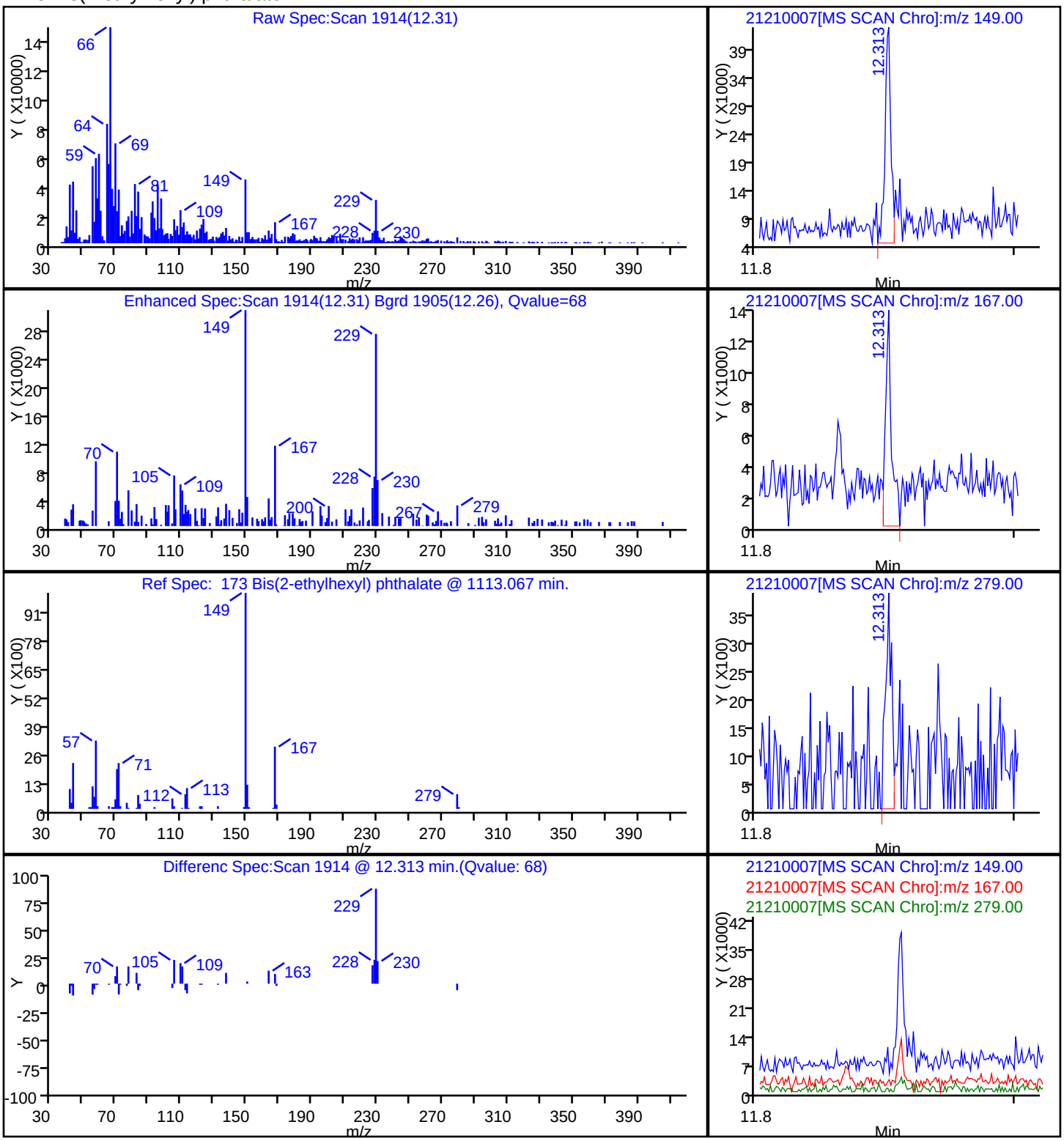
Report Date: 11-Dec-2012 08:19:51 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121210-15667.b\21210007.D

Injection Date:	10-Dec-2012 10:04:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SD-0008-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	67921	Lims Sample ID:	7
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

173 Bis(2-ethylhexyl) phthalate



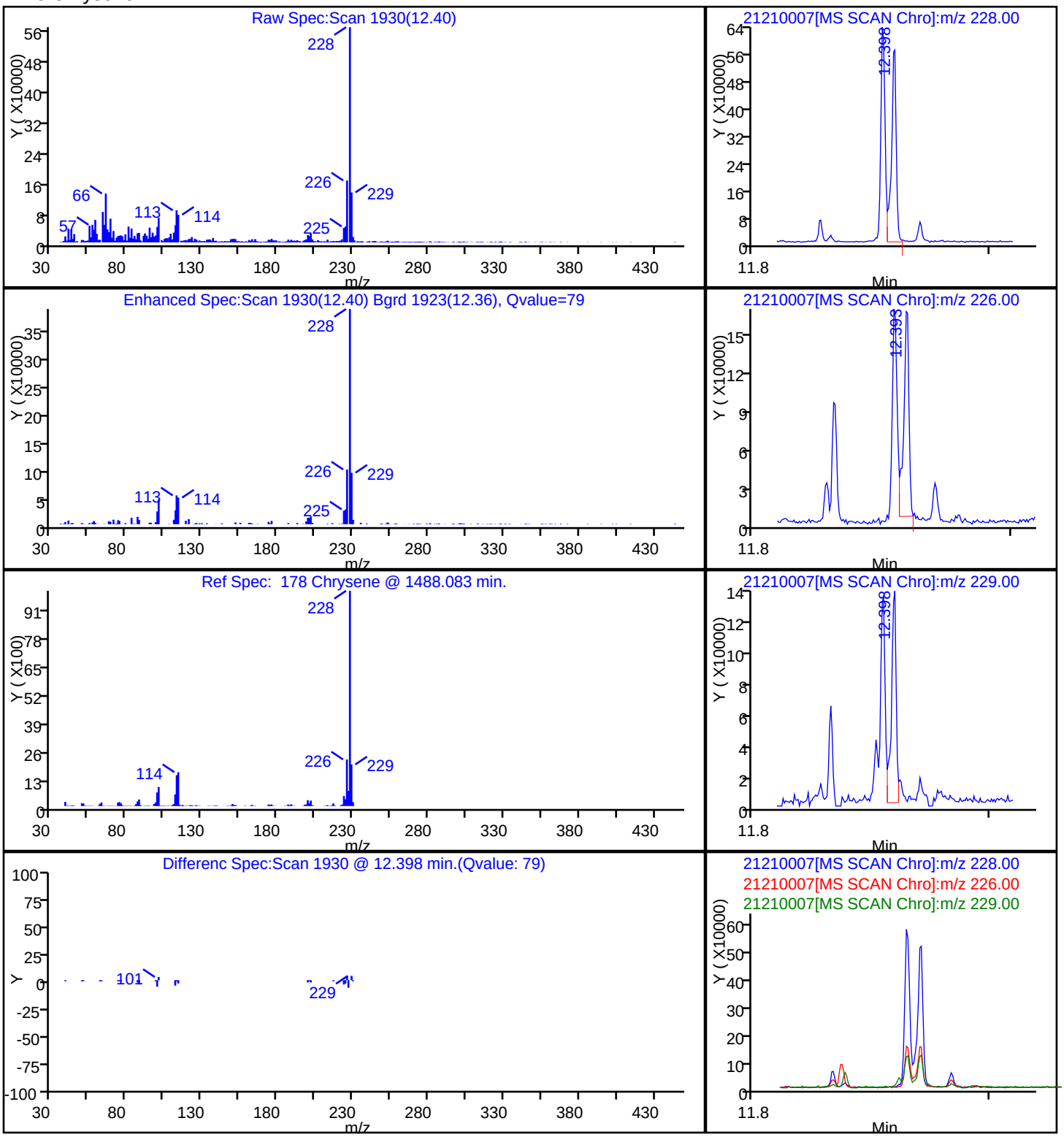
Report Date: 11-Dec-2012 08:19:51 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121210-15667.b\21210007.D

Injection Date:	10-Dec-2012 10:04:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SD-0008-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	67921	Lims Sample ID:	7
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

178 Chrysene



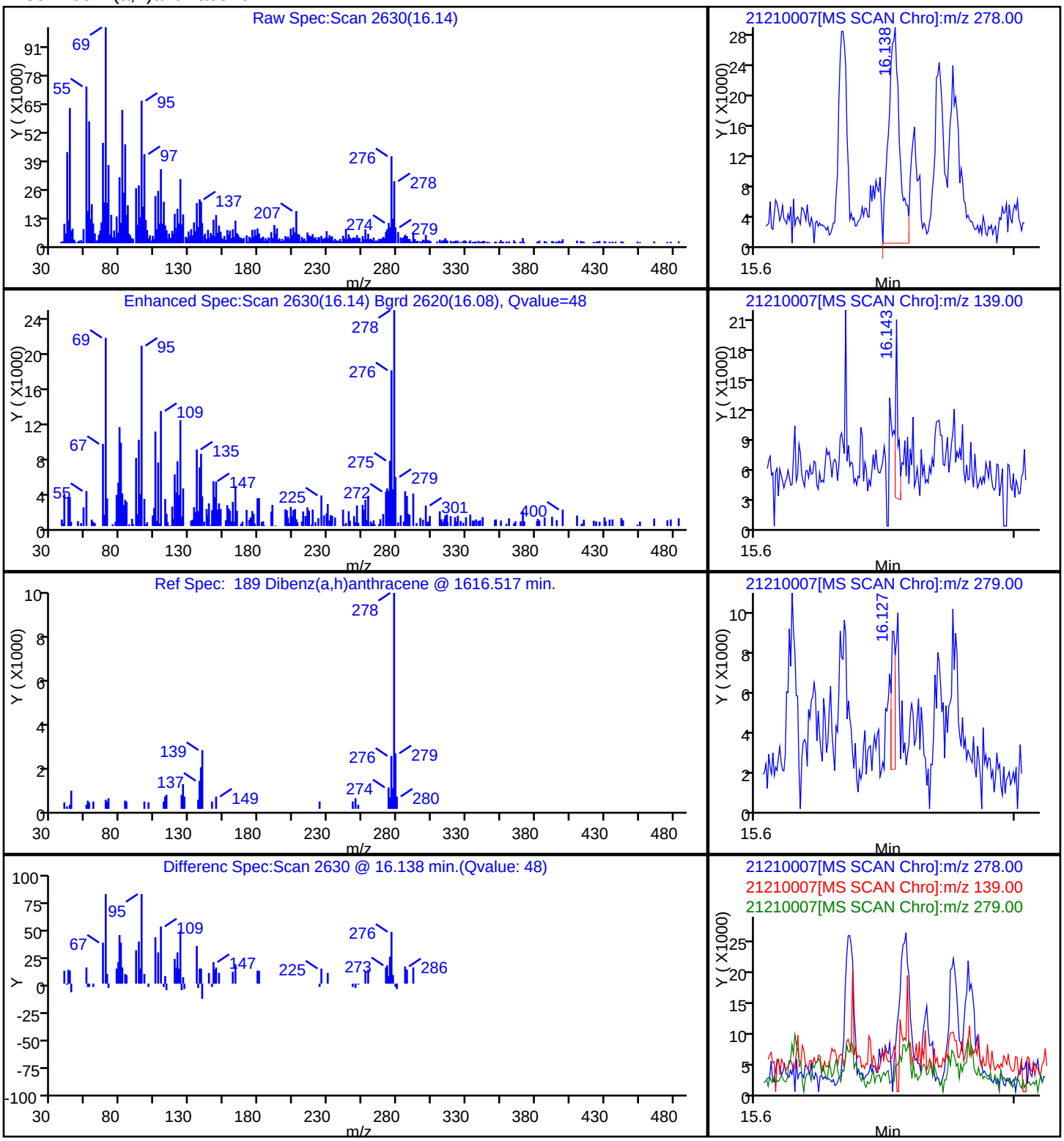
Report Date: 11-Dec-2012 08:19:52 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121210-15667.b\21210007.D

Injection Date:	10-Dec-2012 10:04:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SD-0008-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	67921	Lims Sample ID:	7
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

189 Dibenz(a,h)anthracene



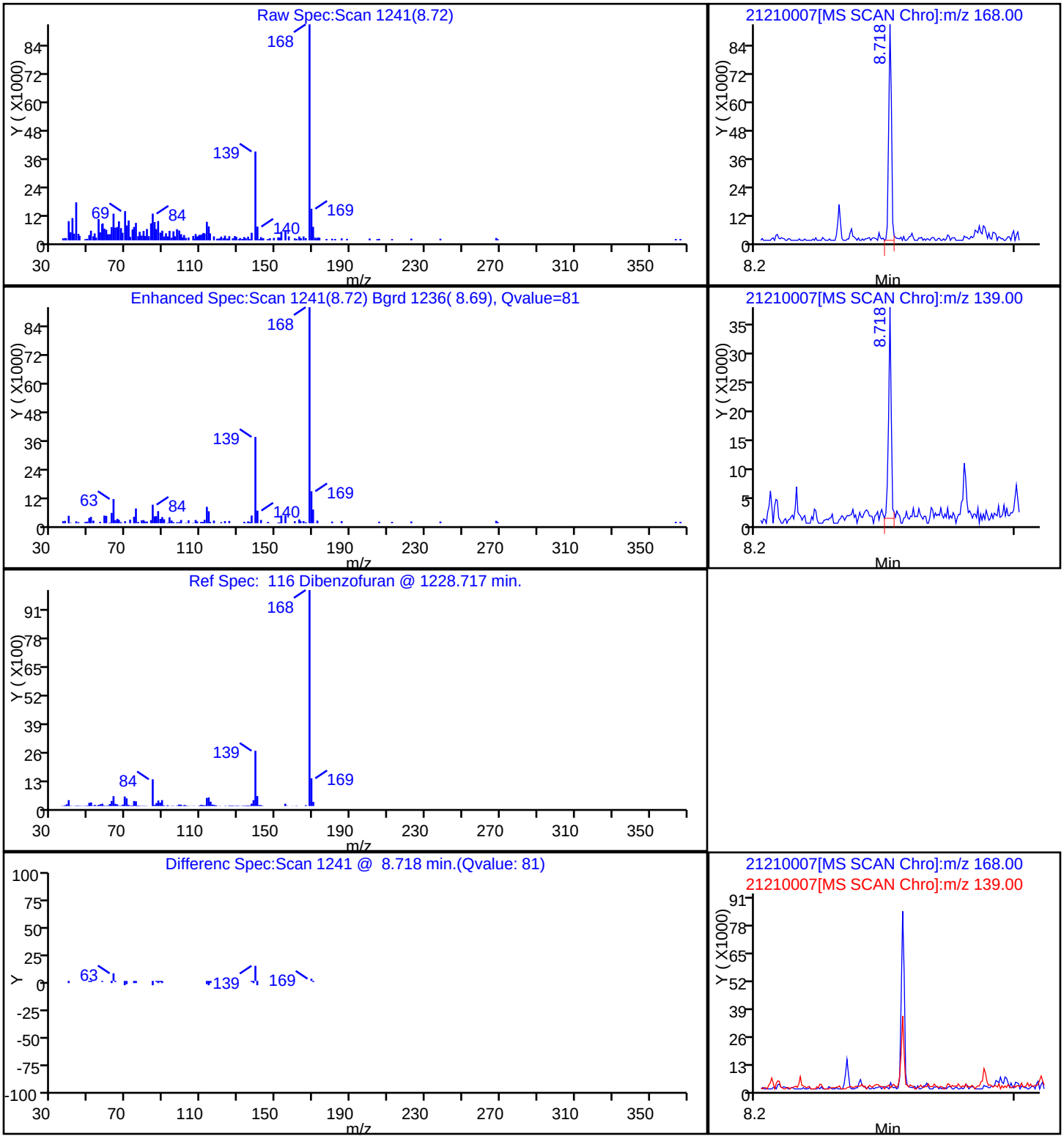
Report Date: 11-Dec-2012 08:19:51 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121210-15667.b\21210007.D

Injection Date:	10-Dec-2012 10:04:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SD-0008-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	67921	Lims Sample ID:	7
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

116 Dibenzofuran



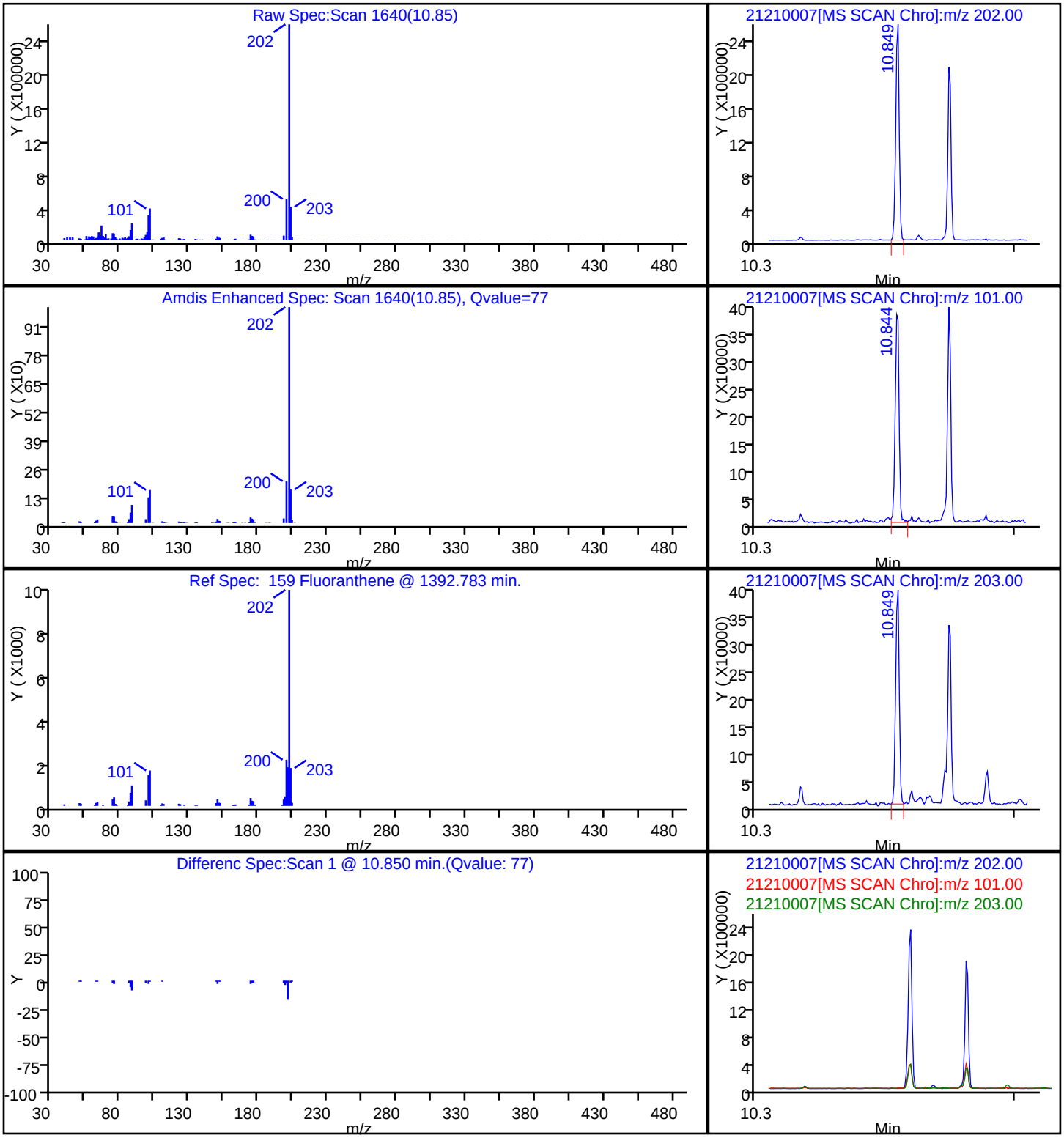
Report Date: 11-Dec-2012 08:19:51 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121210-15667.b\21210007.D

Injection Date:	10-Dec-2012 10:04:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SD-0008-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	67921	Lims Sample ID:	7
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

159 Fluoranthene



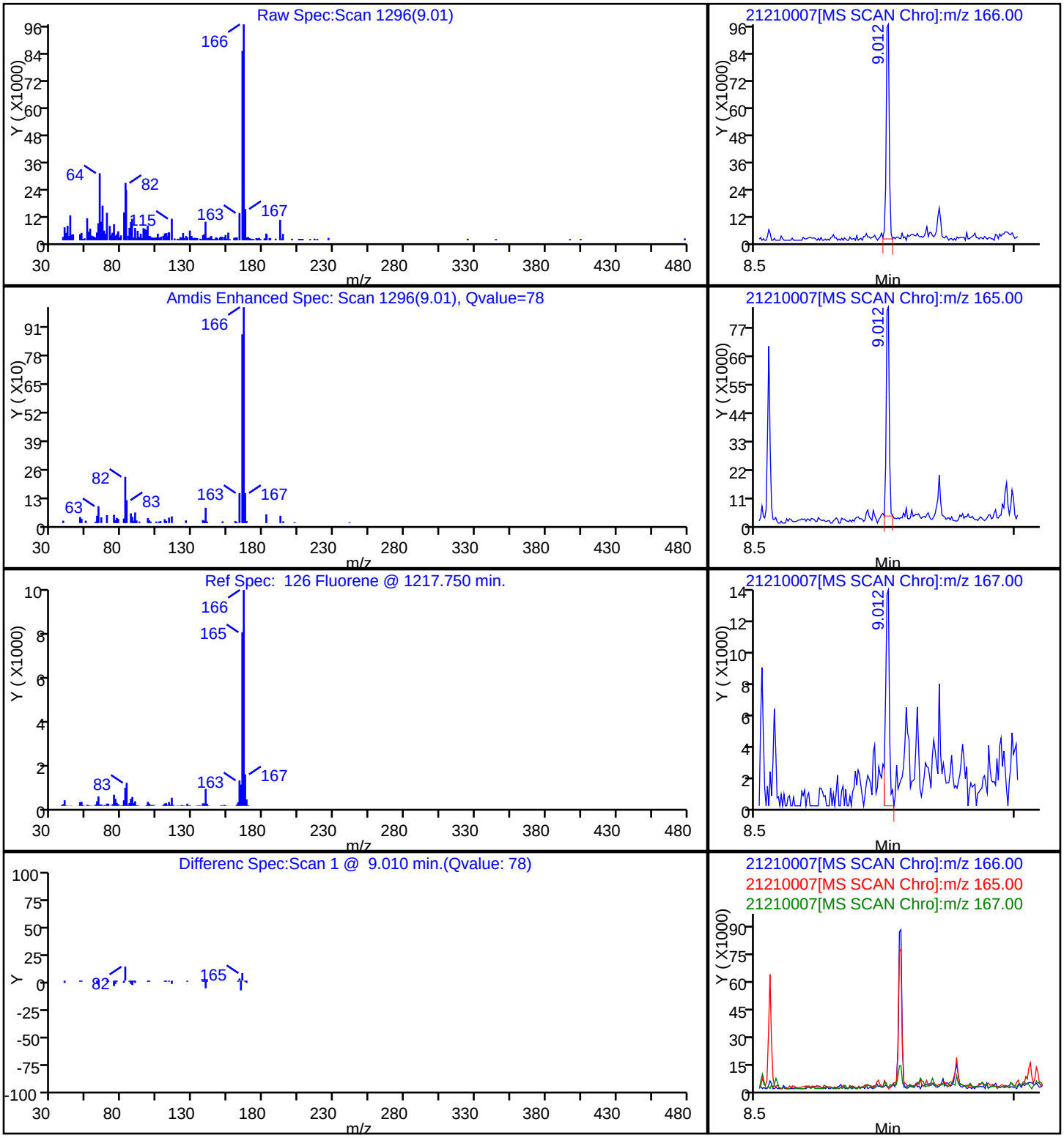
Report Date: 11-Dec-2012 08:19:51 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121210-15667.b\21210007.D

Injection Date:	10-Dec-2012 10:04:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SD-0008-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	67921	Lims Sample ID:	7
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

126 Fluorene



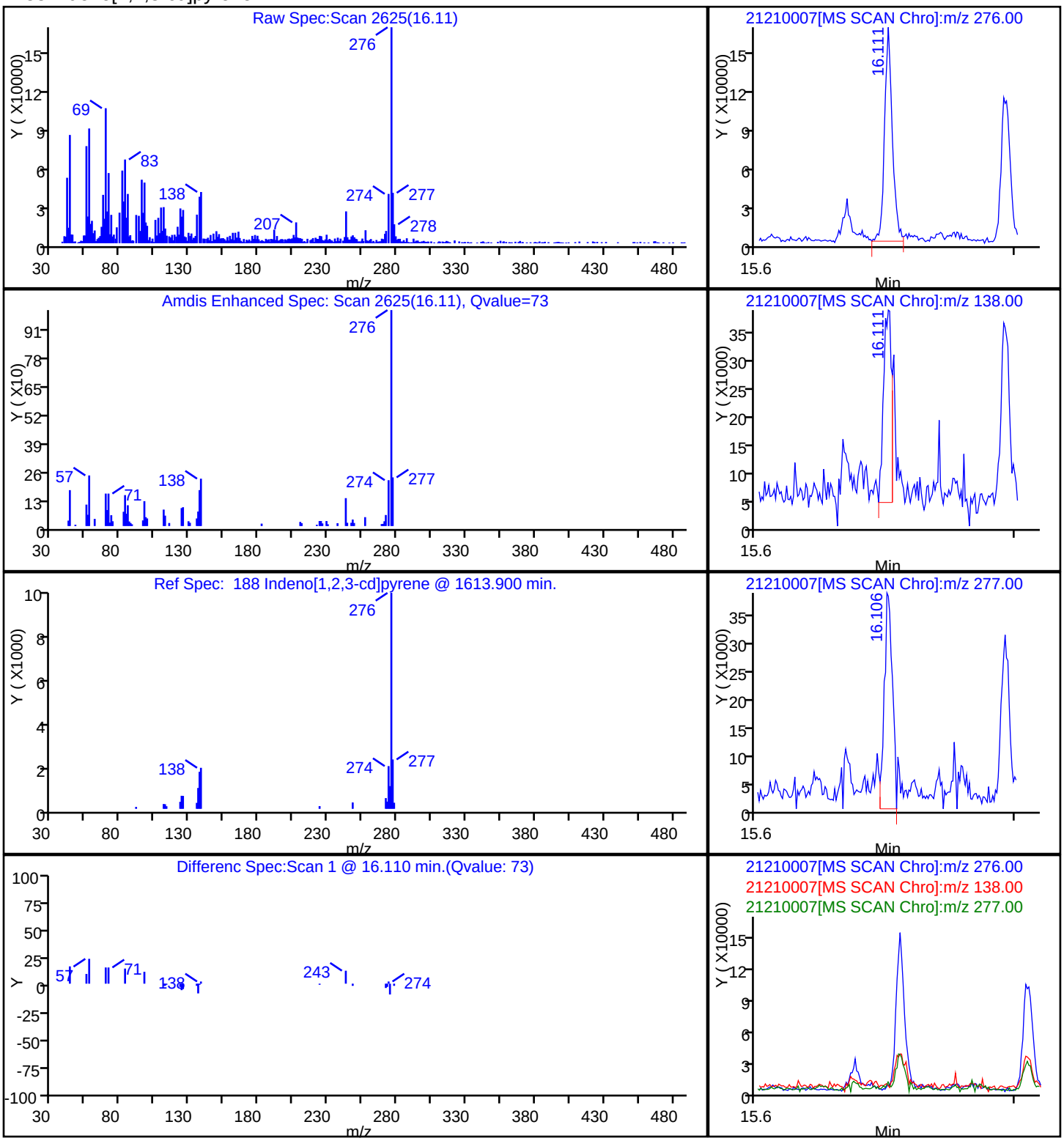
Report Date: 11-Dec-2012 08:19:52 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121210-15667.b\21210007.D

Injection Date:	10-Dec-2012 10:04:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SD-0008-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	67921	Lims Sample ID:	7
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

188 Indeno[1,2,3-cd]pyrene



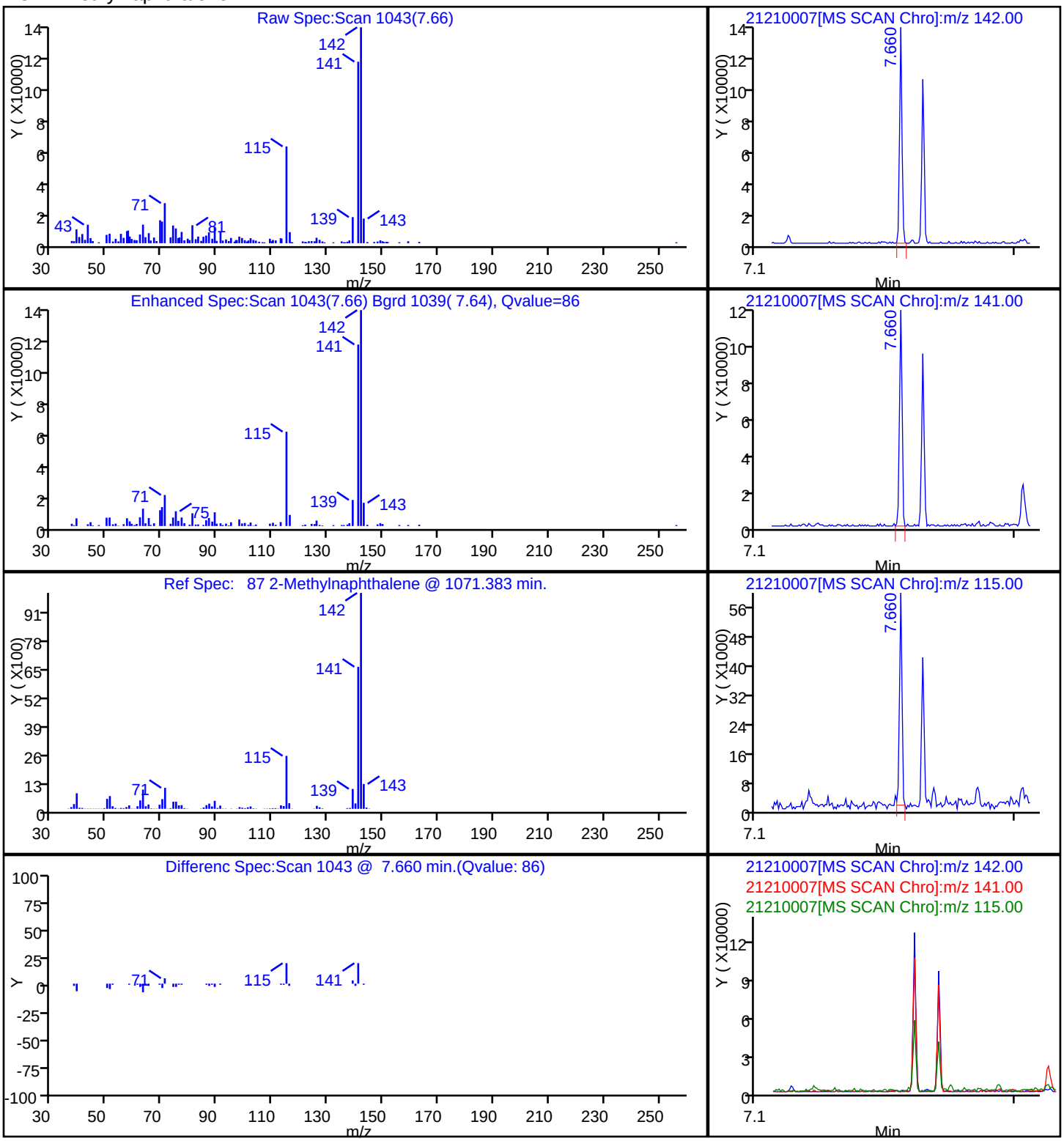
Report Date: 11-Dec-2012 08:19:51 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121210-15667.b\21210007.D

Injection Date:	10-Dec-2012 10:04:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SD-0008-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	67921	Lims Sample ID:	7
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

87 2-Methylnaphthalene



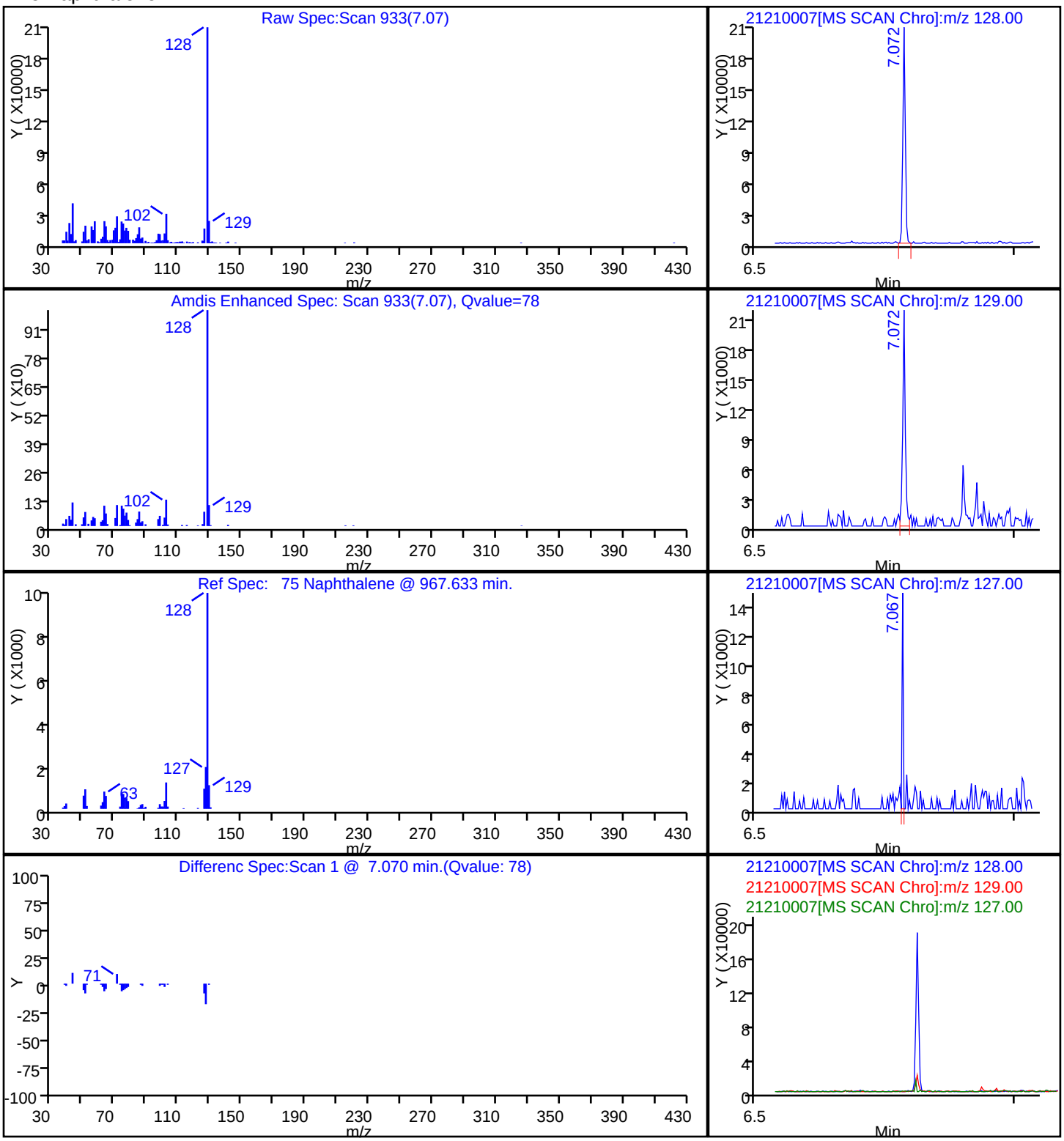
Report Date: 11-Dec-2012 08:19:51 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121210-15667.b\21210007.D

Injection Date:	10-Dec-2012 10:04:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SD-0008-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	67921	Lims Sample ID:	7
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

75 Naphthalene



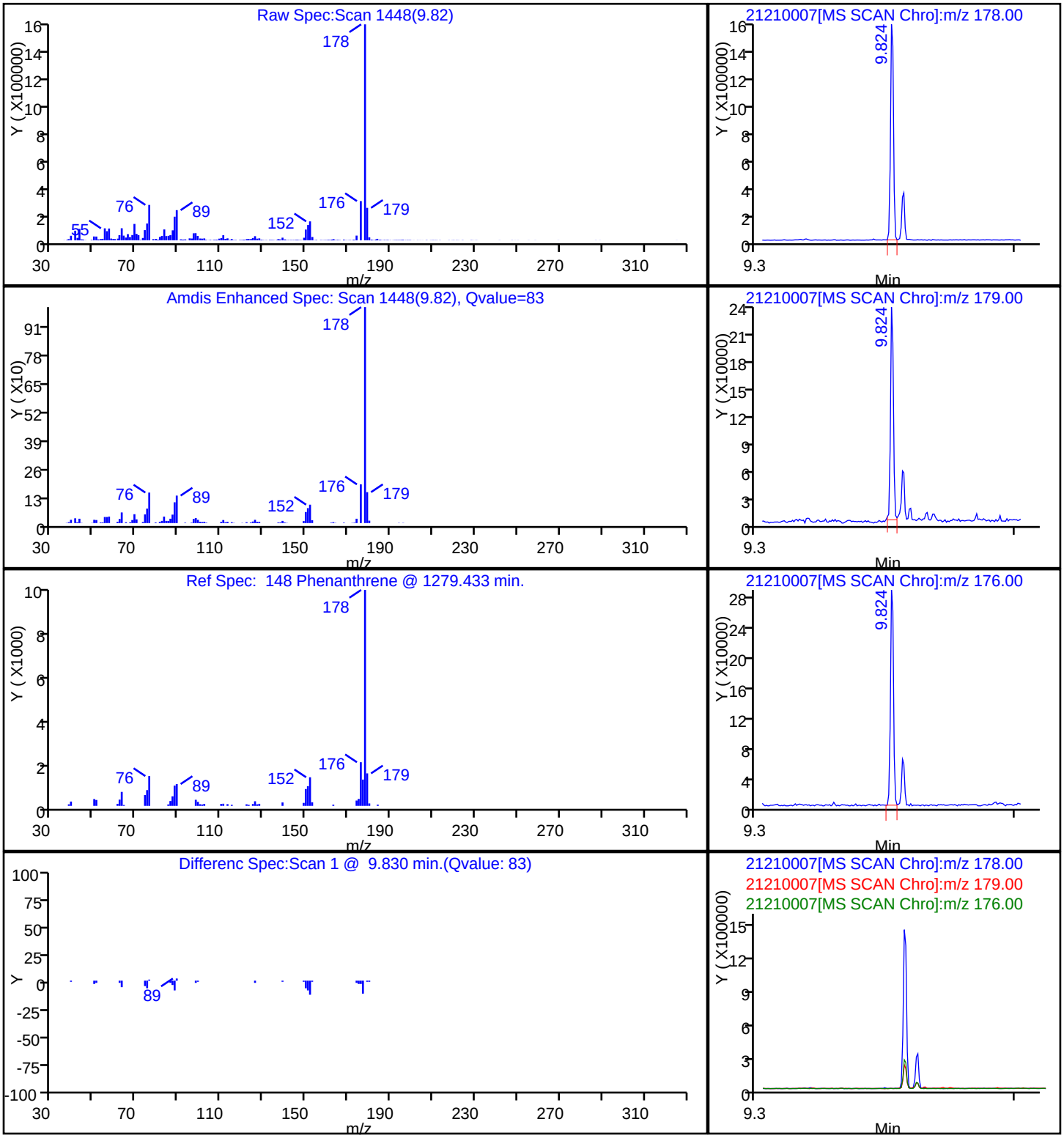
Report Date: 11-Dec-2012 08:19:51 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121210-15667.b\21210007.D

Injection Date:	10-Dec-2012 10:04:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SD-0008-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	67921	Lims Sample ID:	7
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

148 Phenanthrene



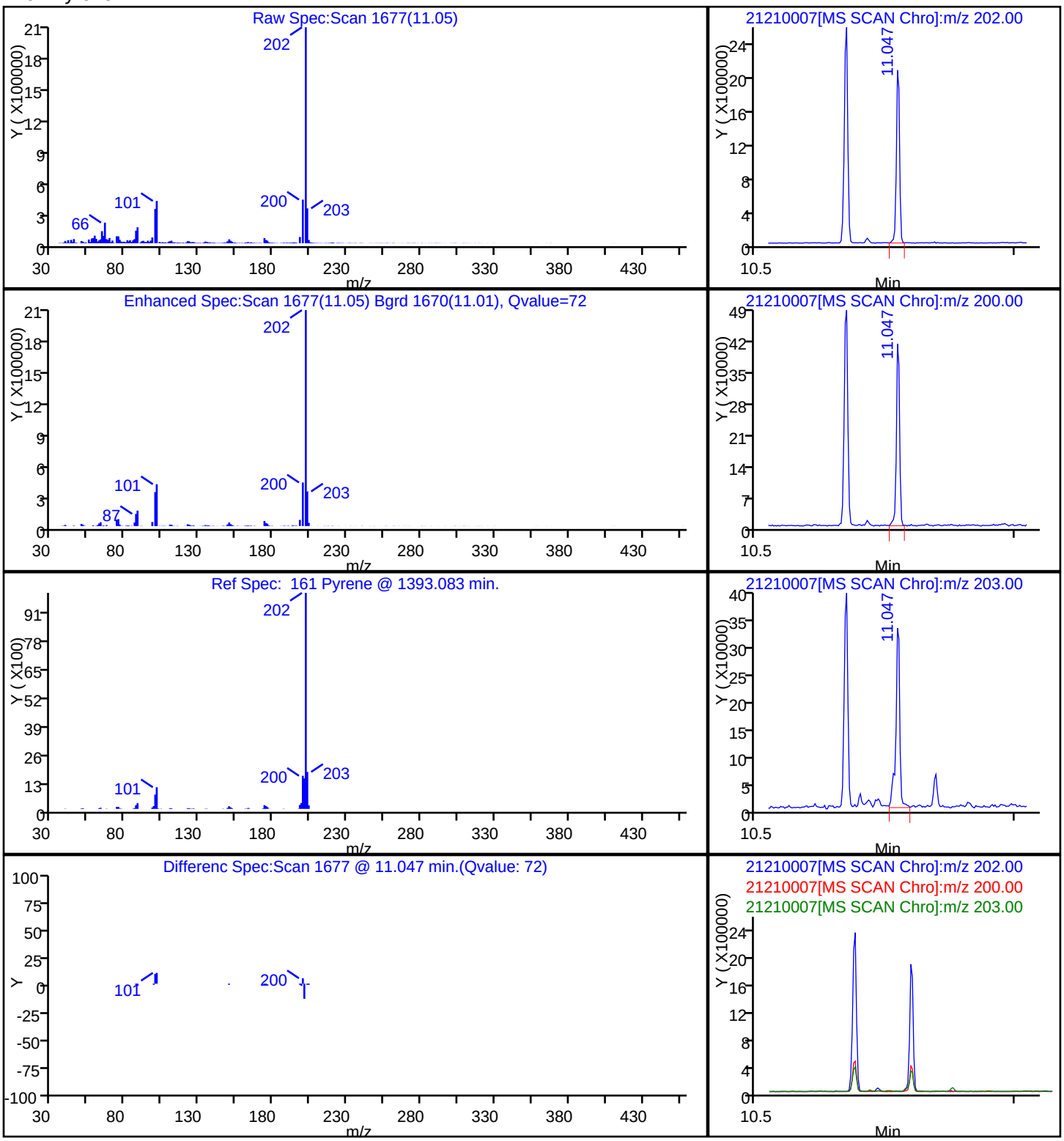
Report Date: 11-Dec-2012 08:19:51 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121210-15667.b\21210007.D

Injection Date:	10-Dec-2012 10:04:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SD-0008-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	67921	Lims Sample ID:	7
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

161 Pyrene



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: 076SD-0009-0001-SO | Lab Sample ID: 240-17317-19

Matrix: Solid | Lab File ID: 21215008.D

Analysis Method: 8270C/DoD | Date Collected: 11/06/2012 18:15

Extract. Method: 3540C | Date Extracted: 11/16/2012 13:26

Sample wt/vol: 29.62(g) | Date Analyzed: 12/15/2012 14:32

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 68844 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	7.1		6.8	3.3	3.3
208-96-8	Acenaphthylene	13		6.8	3.3	3.3
120-12-7	Anthracene	16		6.8	3.3	3.3
56-55-3	Benzo[a]anthracene	71		6.8	3.3	3.3
50-32-8	Benzo[a]pyrene	69		6.8	3.3	3.3
205-99-2	Benzo[b]fluoranthene	110		6.8	3.3	3.3
191-24-2	Benzo[g,h,i]perylene	39	J	6.8	3.3	3.3
65-85-0	Benzoic acid	340	U	670	340	340
207-08-9	Benzo[k]fluoranthene	38		6.8	3.3	3.3
100-51-6	Benzyl alcohol	27	U	330	27	21
111-91-1	Bis(2-chloroethoxy)methane	27	U	100	27	22
111-44-4	Bis(2-chloroethyl)ether	3.3	U	100	3.3	2.0
108-60-1	bis (2-chloroisopropyl) ether	27	U	100	27	9.6
117-81-7	Bis(2-ethylhexyl) phthalate	89		51	27	19
101-55-3	4-Bromophenyl phenyl ether	27	U	51	27	13
85-68-7	Butyl benzyl phthalate	27	U	51	27	10
86-74-8	Carbazole	27	U	51	27	27
106-47-8	4-Chloroaniline	27	U J	150	27	17
59-50-7	4-Chloro-3-methylphenol	27	U	150	27	21
91-58-7	2-Chloronaphthalene	3.3	U	51	3.3	3.3
95-57-8	2-Chlorophenol	27	U	51	27	27
7005-72-3	4-Chlorophenyl phenyl ether	27	U	51	27	13
218-01-9	Chrysene	73		6.8	3.3	1.1
53-70-3	Dibenz(a,h)anthracene	3.3	U	6.8	3.3	3.3
132-64-9	Dibenzofuran	14	J	51	3.3	3.3
106-46-7	1,4-Dichlorobenzene	27	U	51	27	20
95-50-1	1,2-Dichlorobenzene	27	U	51	27	9.8
541-73-1	1,3-Dichlorobenzene	27	U	51	27	11
91-94-1	3,3'-Dichlorobenzidine	81	U J	100	81	18
120-83-2	2,4-Dichlorophenol	27	U	150	27	20
84-66-2	Diethyl phthalate	23	J	51	27	16
105-67-9	2,4-Dimethylphenol	81	U	150	81	20
131-11-3	Dimethyl phthalate	27	U	51	27	17
84-74-2	Di-n-butyl phthalate	27	U	51	27	15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: 076SD-0009-0001-SO | Lab Sample ID: 240-17317-19

Matrix: Solid | Lab File ID: 21215008.D

Analysis Method: 8270C/DoD | Date Collected: 11/06/2012 18:15

Extract. Method: 3540C | Date Extracted: 11/16/2012 13:26

Sample wt/vol: 29.62(g) | Date Analyzed: 12/15/2012 14:32

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 68844 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	81	U	150	81	81
51-28-5	2,4-Dinitrophenol	81	U	330	81	81
121-14-2	2,4-Dinitrotoluene	27	U	200	27	27
606-20-2	2,6-Dinitrotoluene	27	U	200	27	21
117-84-0	Di-n-octyl phthalate	27	U	51	27	27
206-44-0	Fluoranthene	120		6.8	3.3	3.3
86-73-7	Fluorene	12		6.8	3.3	3.3
118-74-1	Hexachlorobenzene	3.3	U	6.8	3.3	2.1
87-68-3	Hexachlorobutadiene	27	U	51	27	27
77-47-4	Hexachlorocyclopentadiene	27	U	330	27	27
67-72-1	Hexachloroethane	27	U J	51	27	9.1
193-39-5	Indeno[1,2,3-cd]pyrene	33	M J	6.8	3.3	3.3
78-59-1	Isophorone	18	J	51	27	13
91-57-6	2-Methylnaphthalene	30		6.8	3.3	3.3
95-48-7	2-Methylphenol	81	U	200	81	81
15831-10-4	3 & 4 Methylphenol	81	U	410	81	20
91-20-3	Naphthalene	22		6.8	3.3	3.3
88-74-4	2-Nitroaniline	27	U	200	27	9.2
99-09-2	3-Nitroaniline	81	U J	200	81	16
100-01-6	4-Nitroaniline	27	U J	200	27	26
98-95-3	Nitrobenzene	3.3	U	100	3.3	2.2
88-75-5	2-Nitrophenol	27	U	51	27	27
100-02-7	4-Nitrophenol	81	U	330	81	81
621-64-7	N-Nitrosodi-n-propylamine	27	U	51	27	27
86-30-6	N-Nitrosodiphenylamine	27	U	51	27	21
87-86-5	Pentachlorophenol	81	U	150	81	81
85-01-8	Phenanthrene	68		6.8	3.3	3.3
108-95-2	Phenol	27	U	51	27	27
129-00-0	Pyrene	100		6.8	3.3	3.3
120-82-1	1,2,4-Trichlorobenzene	27	U	51	27	27
95-95-4	2,4,5-Trichlorophenol	27	U	150	27	25
88-06-2	2,4,6-Trichlorophenol	81	U	150	81	81

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: 076SD-0009-0001-SO | Lab Sample ID: 240-17317-19

Matrix: Solid | Lab File ID: 21215008.D

Analysis Method: 8270C/DoD | Date Collected: 11/06/2012 18:15

Extract. Method: 3540C | Date Extracted: 11/16/2012 13:26

Sample wt/vol: 29.62(g) | Date Analyzed: 12/15/2012 14:32

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 68844 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	49		45-105
367-12-4	2-Fluorophenol (Surr)	67		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	51		35-100
1718-51-0	Terphenyl-d14 (Surr)	66		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	82		35-125
4165-62-2	Phenol-d5 (Surr)	73		40-100

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121215-15876.b\21215008.D
Lims ID: 240-17317-A-19-M Client ID: 076SD-0009-0001-SO
Inject. Date: 15-Dec-2012 14:32:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0015876-008
Misc. Info.: 240-17317-A-19-M =240-17317-A-19-M
Operator: 001574 Instrument ID: A4HP9
Injection Vol: 1.0 ul ALS Bottle#: 8
Lims Batch ID: 68844 Lims Sample ID: 8
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121215-15876.b\8270 _9.m
Last Update: 17-Dec-2012 09:53:13 Calib Date: 13-Dec-2012 11:31:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121213-15797.b\21213010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: 5% phenyl Column Dia: 0.18 mm
Process Host: XAWRK007

First Level Reviewer: ulmanm Date: 17-Dec-2012 07:59:22

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.991	5.986	0.005	87	90082	4.00	
* 2 Naphthalene-d8	136	7.102	7.102	0.0	98	363748	4.00	
* 3 Acenaphthene-d10	164	8.598	8.603	-0.005	67	229066	4.00	
* 4 Phenanthrene-d10	188	9.864	9.864	0.0	98	412132	4.00	
* 5 Chrysene-d12	240	12.449	12.450	-0.001	78	397700	4.00	
* 6 Perylene-d12	264	14.565	14.560	0.005	91	288126	4.00	
$ 7 2-Fluorophenol	112	4.762	4.736	0.026	91	331509	10.1	
$ 8 Phenol-d5	99	5.638	5.628	0.010	0	520172	10.9	
$ 9 Nitrobenzene-d5	82	6.471	6.472	-0.001	83	316854	5.14	
$ 10 2-Fluorobiphenyl (Surr)	172	8.010	8.010	0.0	98	430297	4.88	
$ 11 2,4,6-Tribromophenol	330	9.265	9.266	-0.001	76	85744	12.4	
$ 12 Terphenyl-d14	244	11.226	11.226	0.0	98	523399	6.55	
43 Phenol	94	5.649	5.644	0.005	41	20025	0.3680	
69 Bis(2-chloroethyl)ether	93		5.740					
46 2-Chlorophenol	128		5.793					9
47 1,3-Dichlorobenzene	146		5.938					9
48 1,4-Dichlorobenzene	146		6.002					9
49 Benzyl alcohol	108		6.098					9
50 1,2-Dichlorobenzene	146		6.141					
51 2-Methylphenol	108		6.189					9
53 2,2'-oxybis[1-chloropropane]	45		6.216					
21 3 & 4 Methylphenol	108		6.317					9
57 N-Nitrosodi-n-propylamine	70		6.328					
61 Hexachloroethane	117		6.445					9
62 Nitrobenzene	77		6.488					
64 Isophorone	82	6.690	6.691	-0.001	73	25152	0.2620	
66 2-Nitrophenol	139		6.766					9
65 2,4-Dimethylphenol	107		6.782					
71 Benzoic acid	122	6.813	6.846	-0.033	78	21777	2.14	
70 Bis(2-chloroethoxy)methane	93		6.867					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
73 2,4-Dichlorophenol	162		6.969					9
74 1,2,4-Trichlorobenzene	180		7.049					9
75 Naphthalene	128	7.123	7.124	-0.001	33	29543	0.3185	
76 4-Chloroaniline	127		7.156					9
79 Hexachlorobutadiene	225		7.220					
86 4-Chloro-3-methylphenol	107		7.551					
87 2-Methylnaphthalene	142	7.711	7.711	0.0	81	28021	0.4492	
89 Hexachlorocyclopentadiene	237		7.840					
92 2,4,6-Trichlorophenol	196		7.941					9
93 2,4,5-Trichlorophenol	196		7.973					9
100 2-Chloronaphthalene	162		8.128					9
102 2-Nitroaniline	65		8.203					
105 Dimethyl phthalate	163		8.336					2
107 2,6-Dinitrotoluene	165		8.395					
109 Acenaphthylene	152	8.480	8.486	-0.006	77	19764	0.1982	
110 3-Nitroaniline	138		8.545					9
112 Acenaphthene	153	8.624	8.630	-0.006	61	6785	0.1055	
111 2,4-Dinitrophenol	184		8.630					149
113 4-Nitrophenol	109		8.662					
114 2,4-Dinitrotoluene	165		8.737					
116 Dibenzofuran	168	8.769	8.774	-0.005	65	17909	0.2045	
121 Diethyl phthalate	149	8.923	8.929	-0.006	66	23260	0.3390	
123 4-Chlorophenyl phenyl ether	204		9.047					9
125 4-Nitroaniline	138		9.063					9
126 Fluorene	166	9.062	9.063	-0.001	65	12704	0.1723	
128 4,6-Dinitro-2-methylphenol	198		9.084					9
131 N-Nitrosodiphenylamine	169		9.143					
139 4-Bromophenyl phenyl ether	248		9.464					9
141 Hexachlorobenzene	284		9.533					9
143 Pentachlorophenol	266		9.688					9
148 Phenanthrene	178	9.880	9.886	-0.006	76	112874	1.00	
149 Anthracene	178	9.928	9.928	0.0	59	26450	0.2433	
151 Carbazole	167		10.051					
154 Di-n-butyl phthalate	149		10.302					
159 Fluoranthene	202	10.905	10.895	0.010	73	219222	1.82	
161 Pyrene	202	11.114	11.114	0.0	77	185113	1.55	
168 Butyl benzyl phthalate	149		11.713					
175 3,3'-Dichlorobenzidine	252		12.380					9
173 Bis(2-ethylhexyl) phthalate	149	12.396	12.396	0.0	86	94822	1.32	
177 Benzo[a]anthracene	228	12.433	12.439	-0.006	75	116242	1.06	
178 Chrysene	228	12.487	12.487	0.0	78	110109	1.08	
180 Di-n-octyl phthalate	149		13.321					
182 Benzo[b]fluoranthene	252	13.977	13.972	0.005	85	142052	1.59	
183 Benzo[k]fluoranthene	252	14.009	14.015	-0.006	54	49606	0.5596	
184 Benzo[a]pyrene	252	14.479	14.480	-0.001	70	82026	1.02	
188 Indeno[1,2,3-cd]pyrene	276	16.264	16.253	0.011	79	43021	0.4869	M
189 Dibenz(a,h)anthracene	278		16.285					
190 Benzo[g,h,i]perylene	276	16.734	16.723	0.011	51	42715	0.5834	

QC Flag Legend

Processing Flags
1 - Missing Peaks
2 - Failed Coelution Test
4 - Failed Signal Ratio Test
9 - Failed A Reference Spectral Test

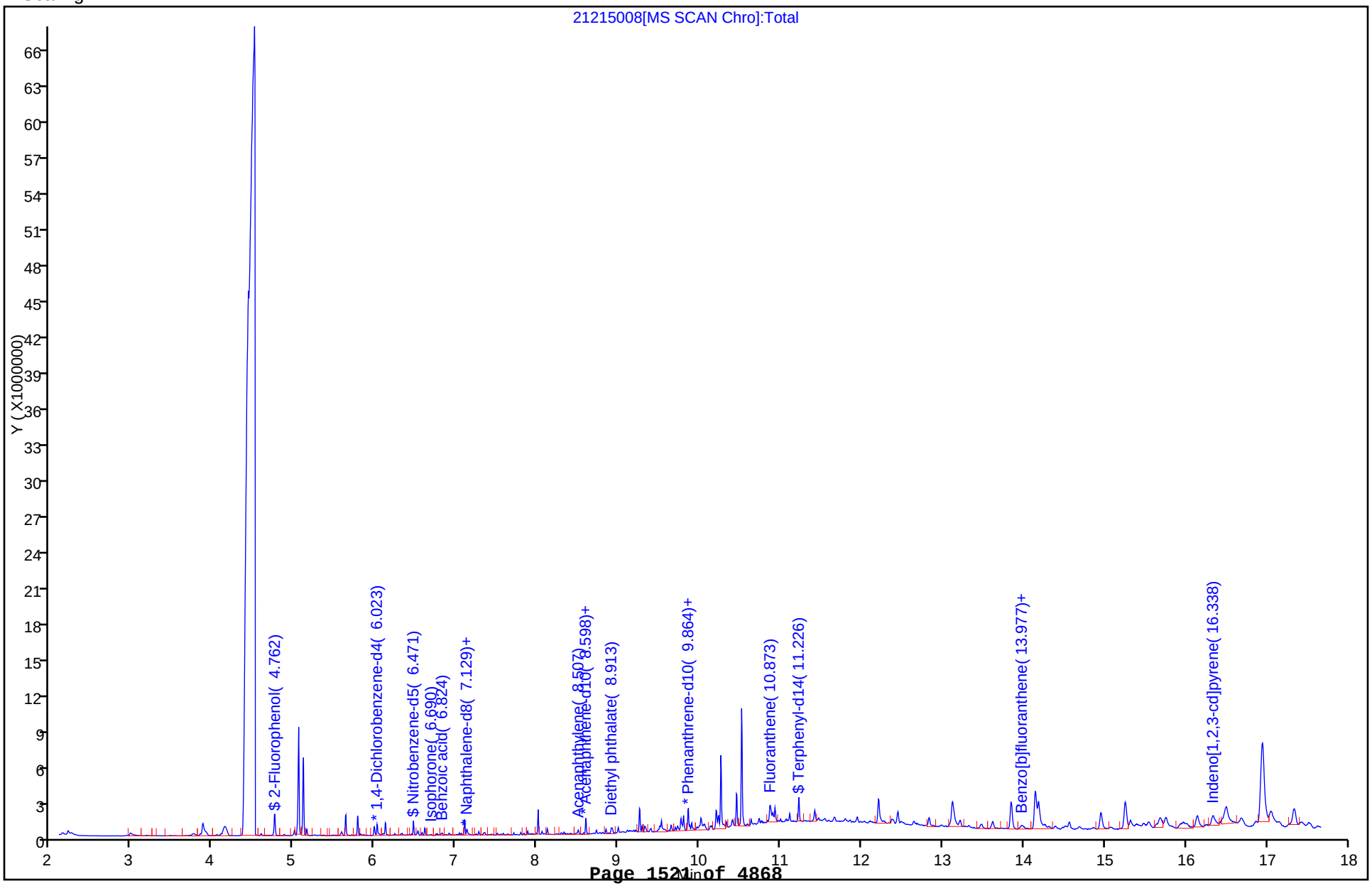
Review Flags
M - Manually Integrated

Report Date: 17-Dec-2012 09:53:21 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121215-15876.b\21215008.D		
Injection Date:	15-Dec-2012 14:32:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SD-0009-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	68844	Lims Sample ID:	8
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



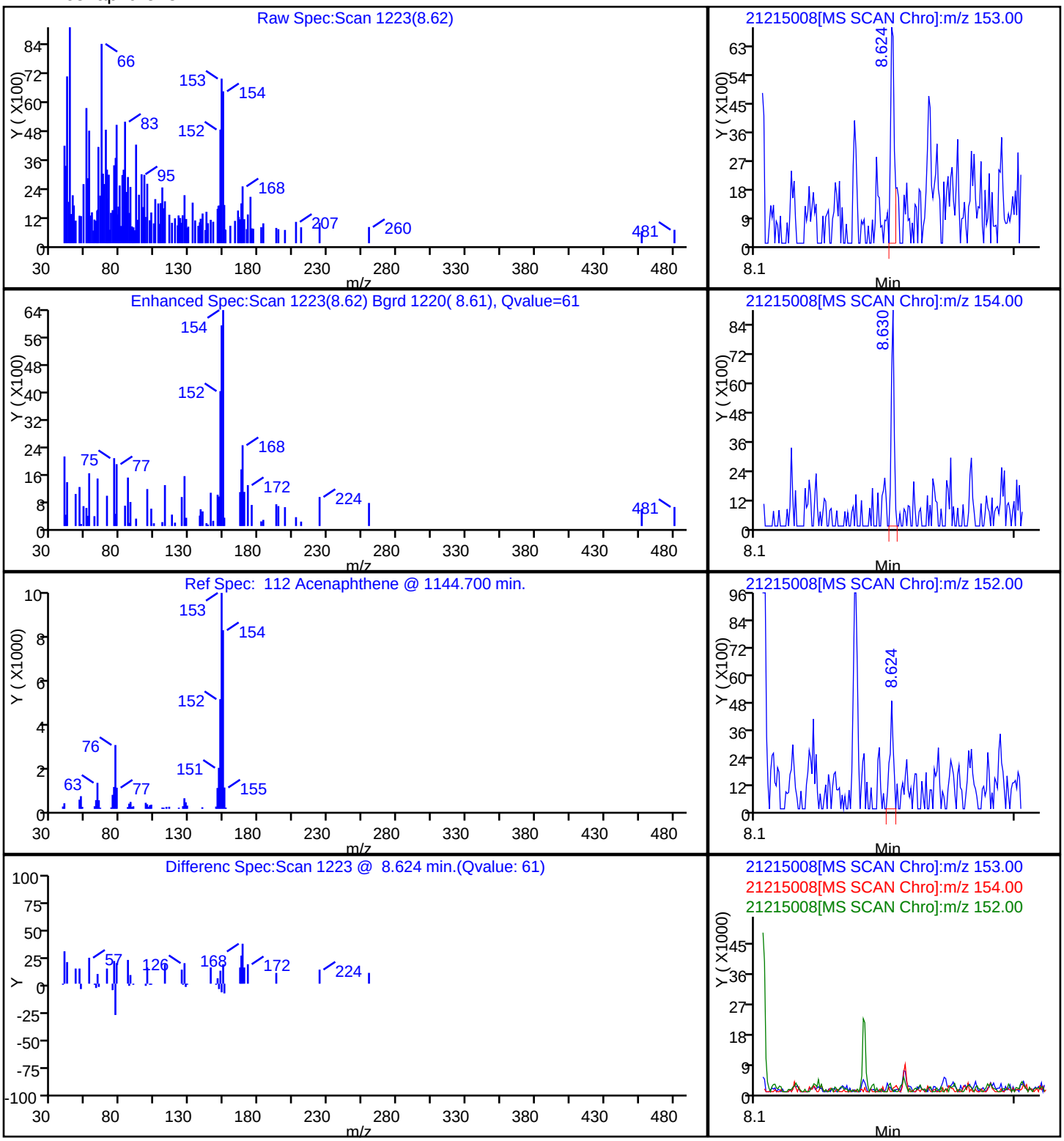
Report Date: 17-Dec-2012 09:53:21 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121215-15876.b\21215008.D

Injection Date:	15-Dec-2012 14:32:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SD-0009-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	68844	Lims Sample ID:	8
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

112 Acenaphthene



Report Date: 17-Dec-2012 09:53:21 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

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Injection Date:	15-Dec-2012 14:32:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SD-0009-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	68844	Lims Sample ID:	8
Operator ID:	001574	Injection Vol:	1.0 ul
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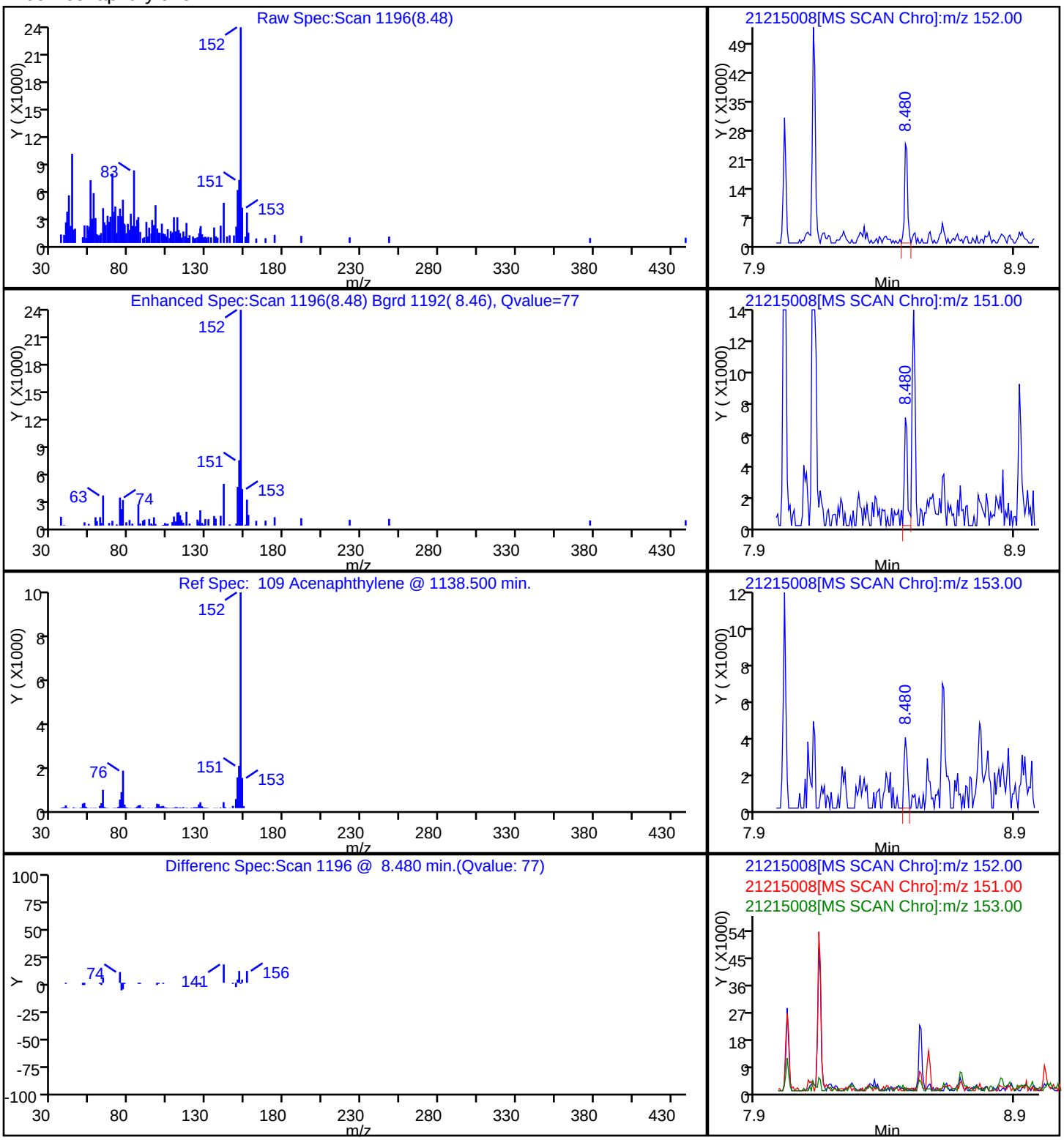
109 Acenaphthylene



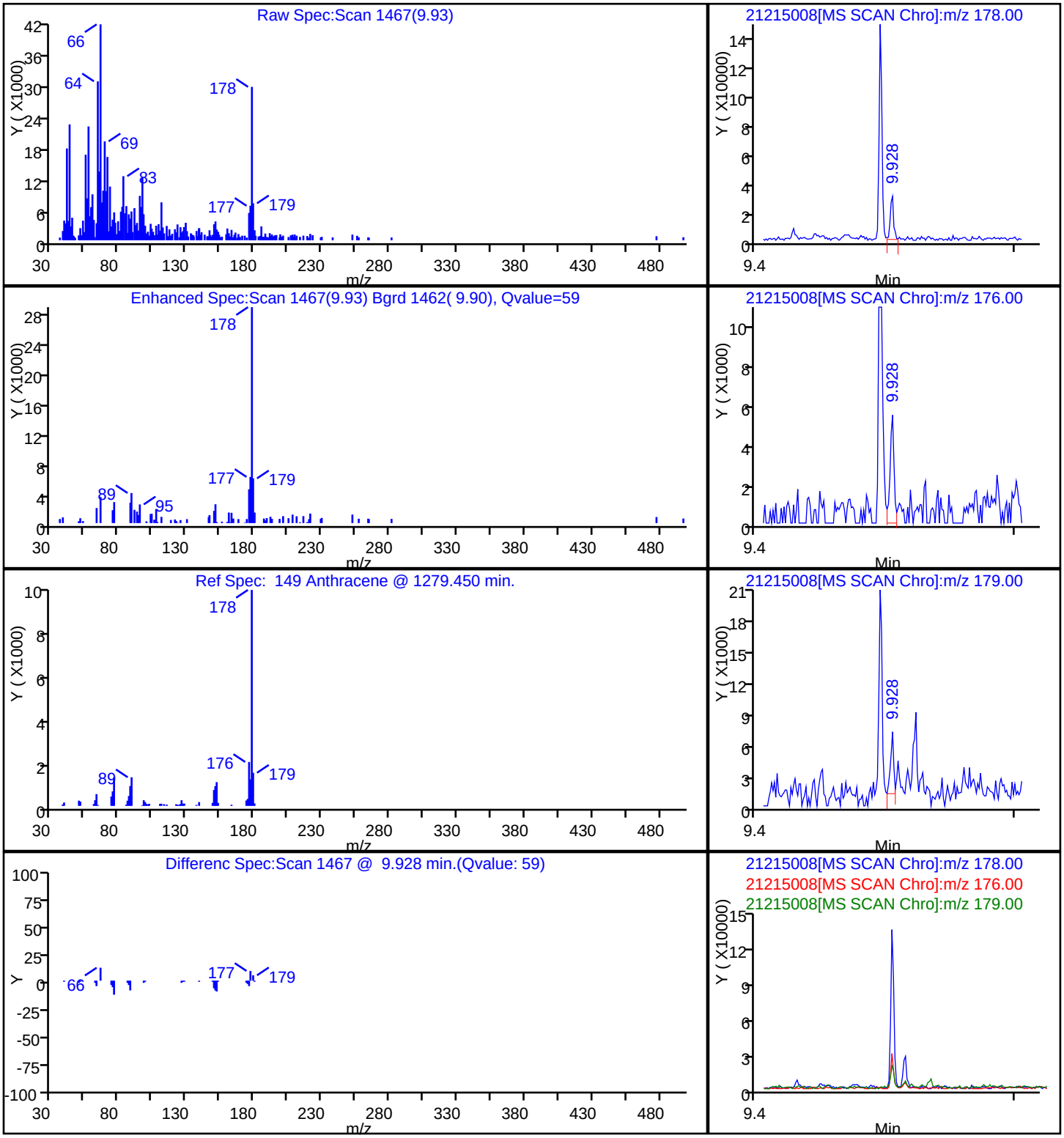
Report Date: 17-Dec-2012 09:53:21 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121215-15876.b\21215008.D

Injection Date:	15-Dec-2012 14:32:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SD-0009-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	68844	Lims Sample ID:	8
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

149 Anthracene



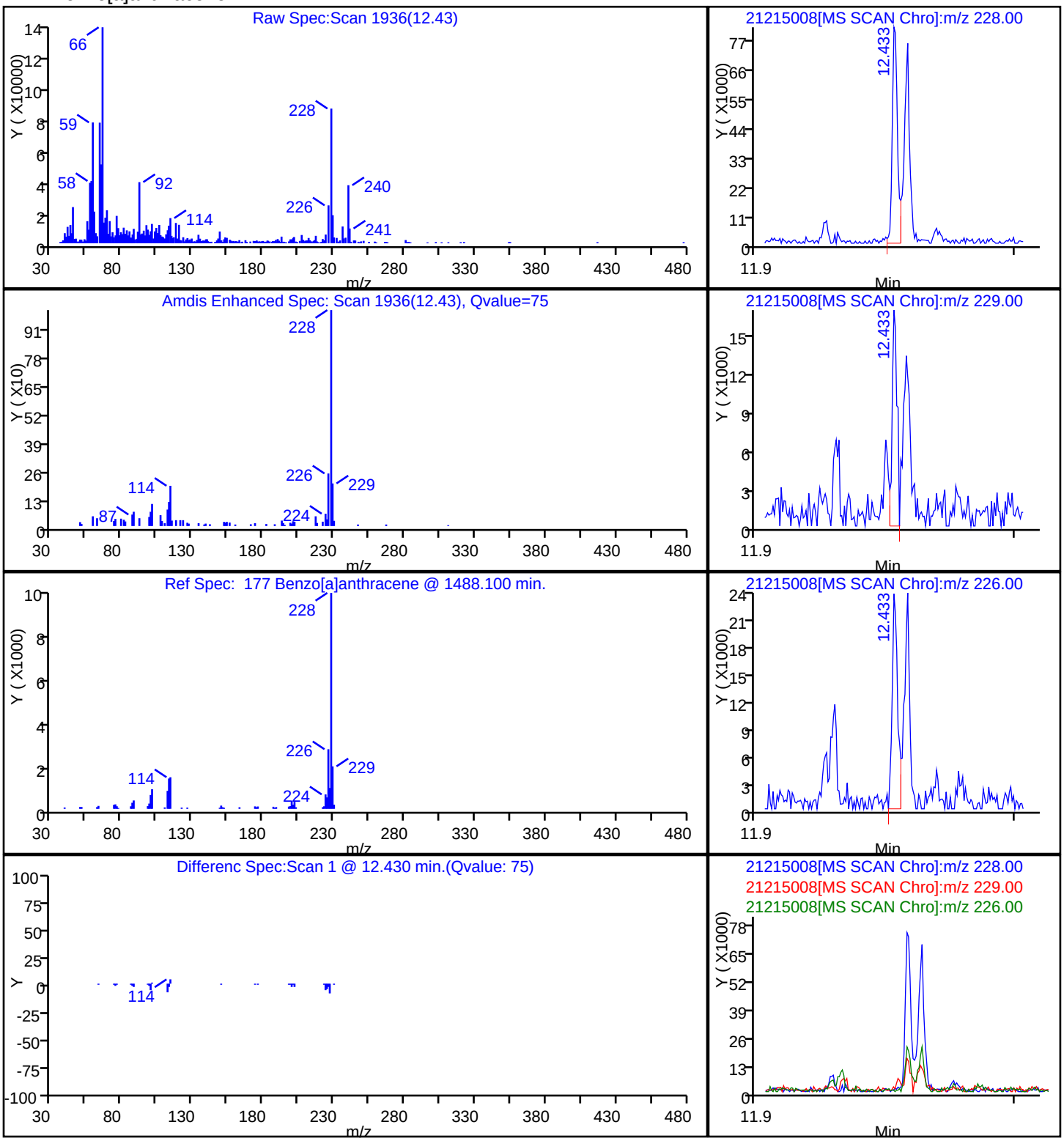
Report Date: 17-Dec-2012 09:53:22 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121215-15876.b\21215008.D

Injection Date:	15-Dec-2012 14:32:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SD-0009-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	68844	Lims Sample ID:	8
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

177 Benzo[a]anthracene



Report Date: 17-Dec-2012 09:53:22 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

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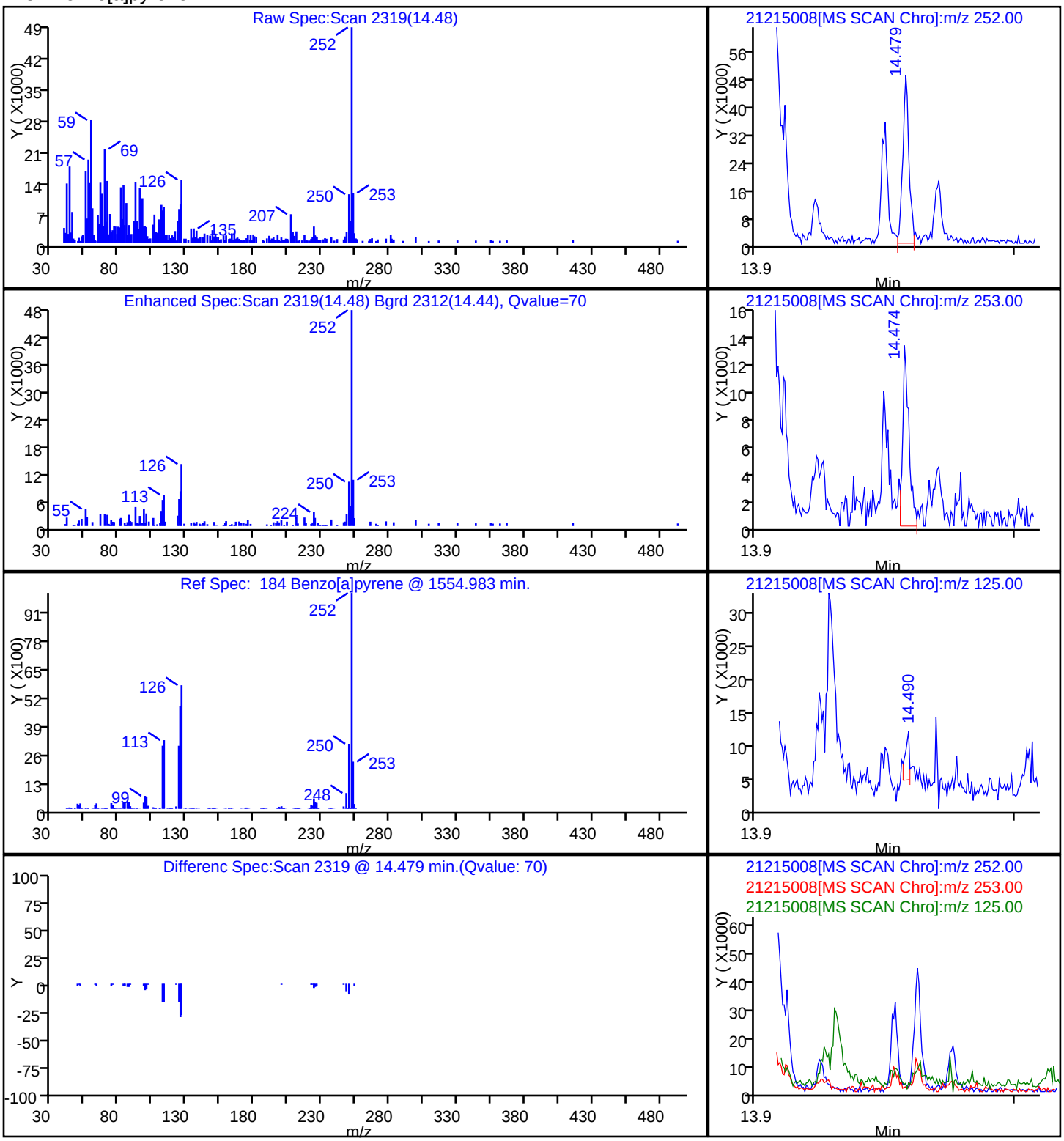
Injection Date:	15-Dec-2012 14:32:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SD-0009-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	68844	Lims Sample ID:	8
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

184 Benzo[a]pyrene



Report Date: 17-Dec-2012 09:53:22 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121215-15876.b\21215008.D

Injection Date:	15-Dec-2012 14:32:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SD-0009-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	68844	Lims Sample ID:	8
Operator ID:	001574	Injection Vol:	1.0 ul
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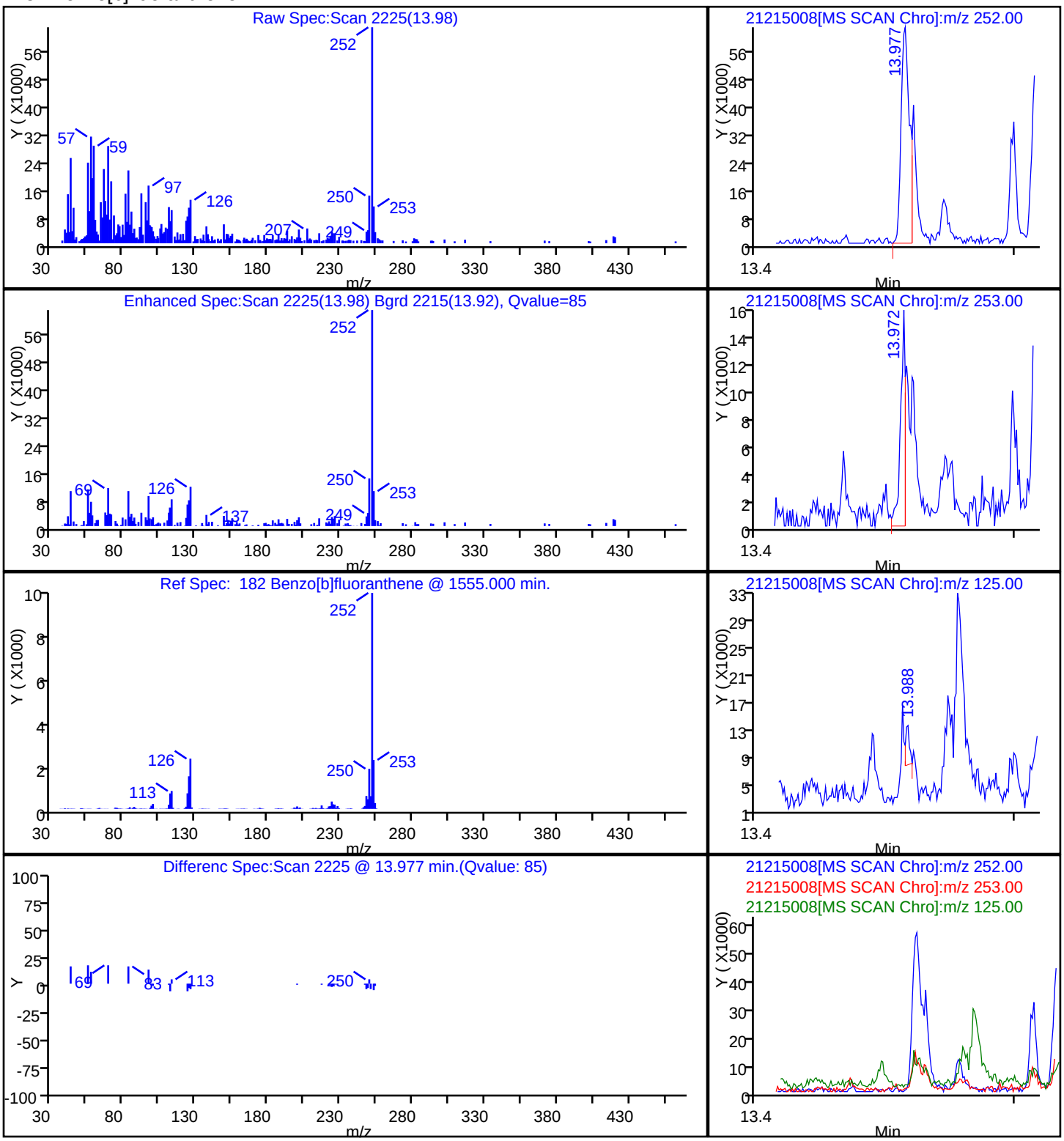
182 Benzo[b]fluoranthene



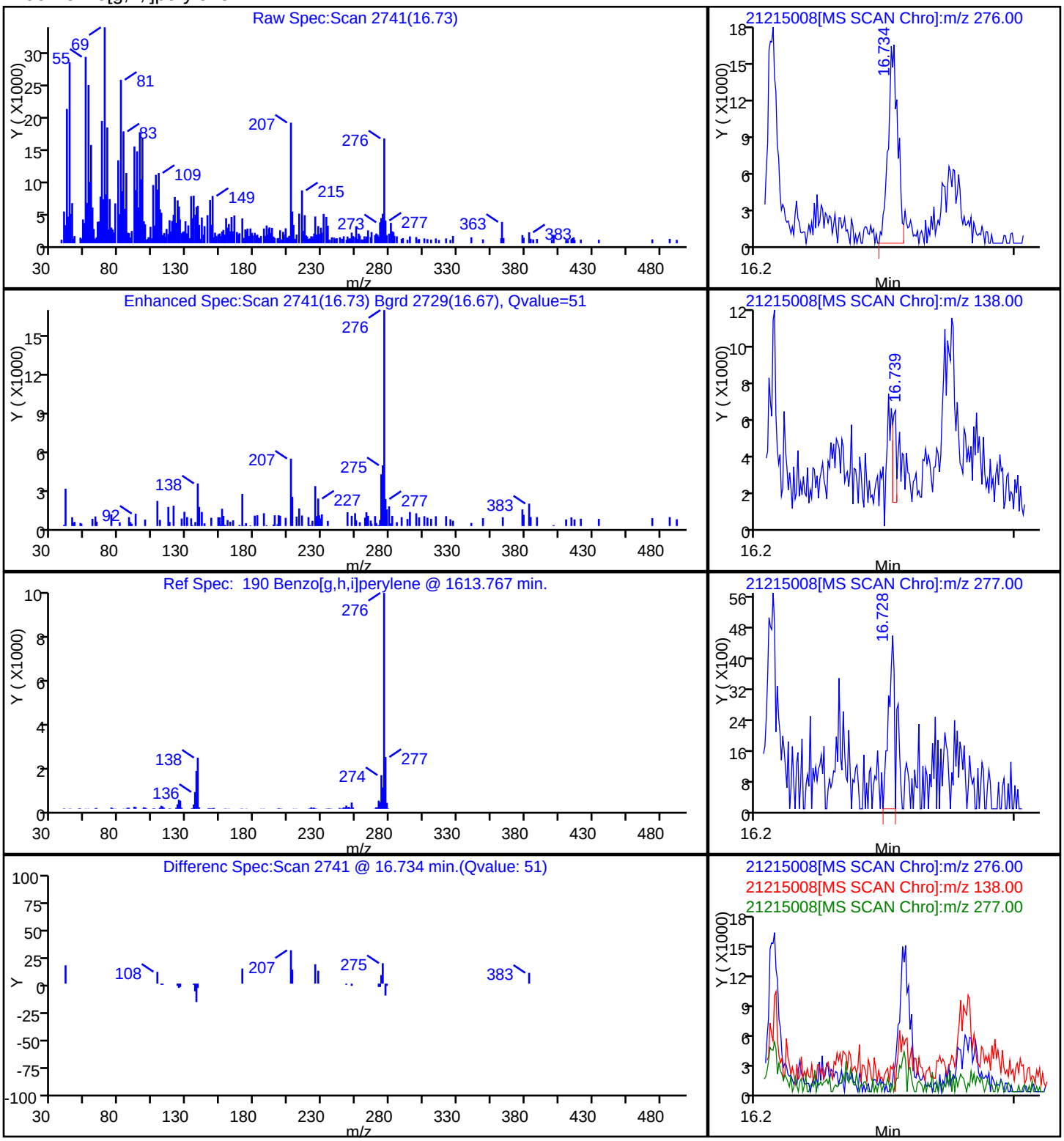
Report Date: 17-Dec-2012 09:53:22 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121215-15876.b\21215008.D

Injection Date:	15-Dec-2012 14:32:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SD-0009-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	68844	Lims Sample ID:	8
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

190 Benzo[g,h,i]perylene



Report Date: 17-Dec-2012 09:53:22 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

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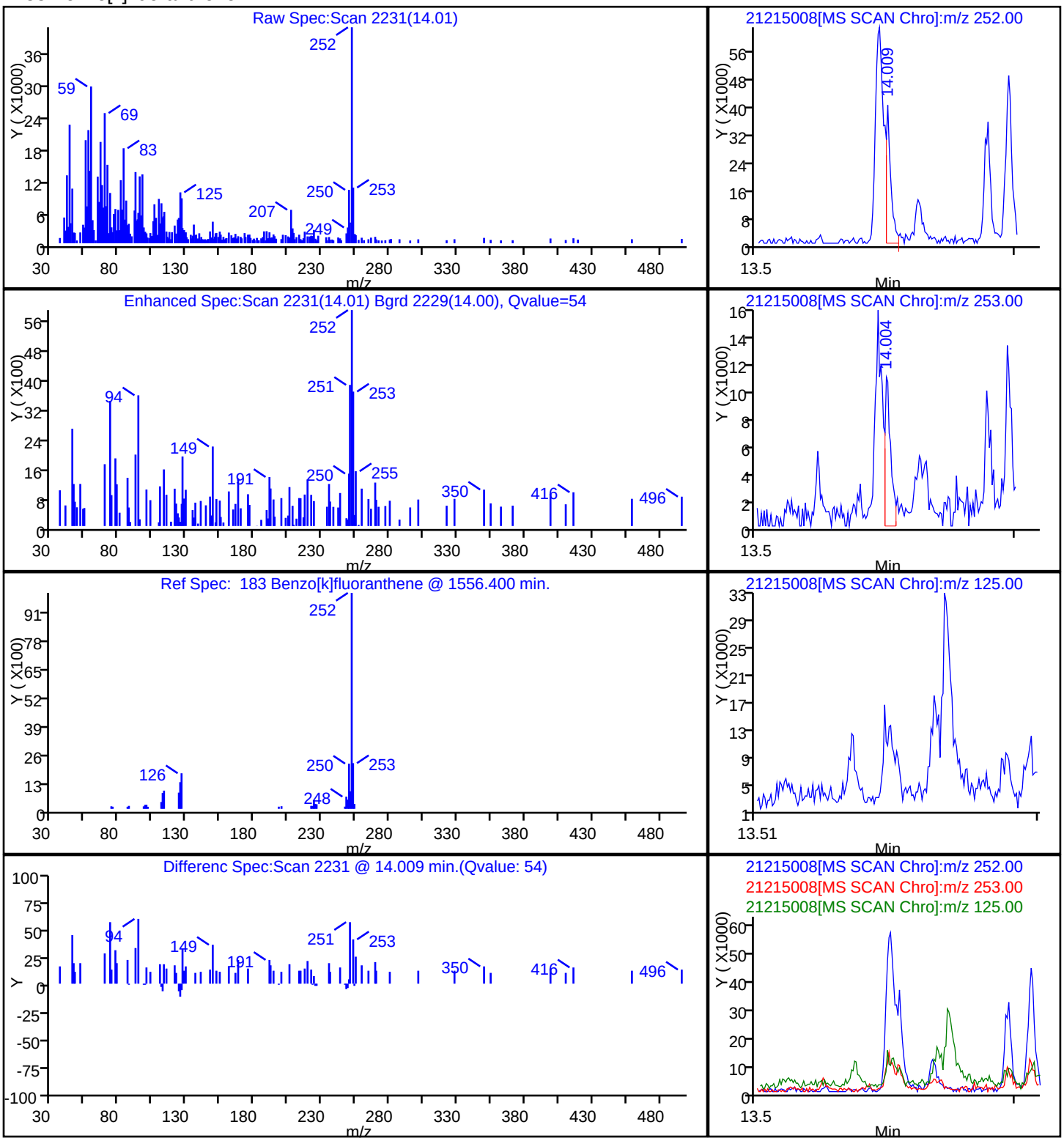
Injection Date:	15-Dec-2012 14:32:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SD-0009-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	68844	Lims Sample ID:	8
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

183 Benzo[k]fluoranthene



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TestAmerica Canton

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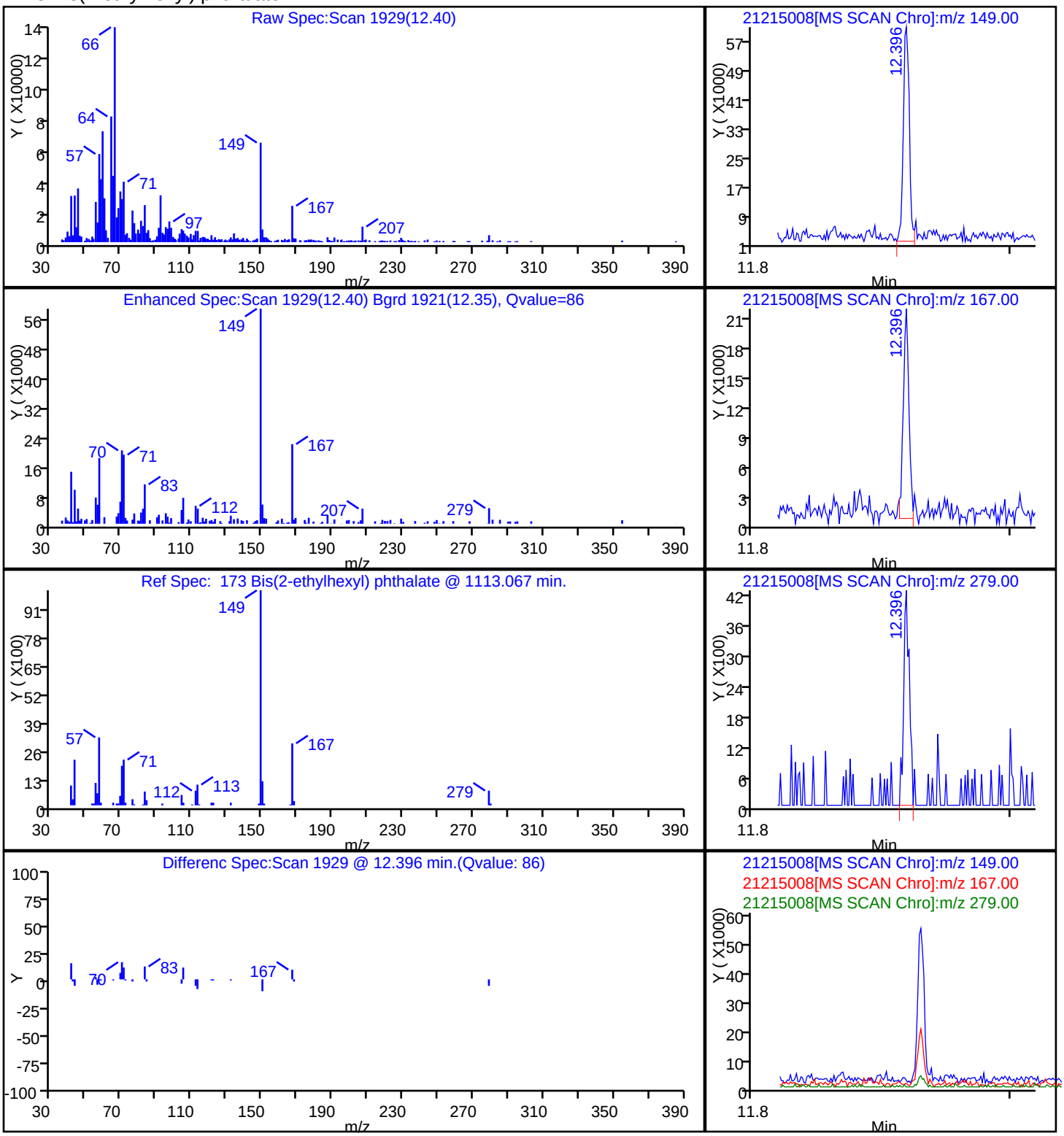
Client ID:	076SD-0009-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	68844	Lims Sample ID:	8
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

173 Bis(2-ethylhexyl) phthalate



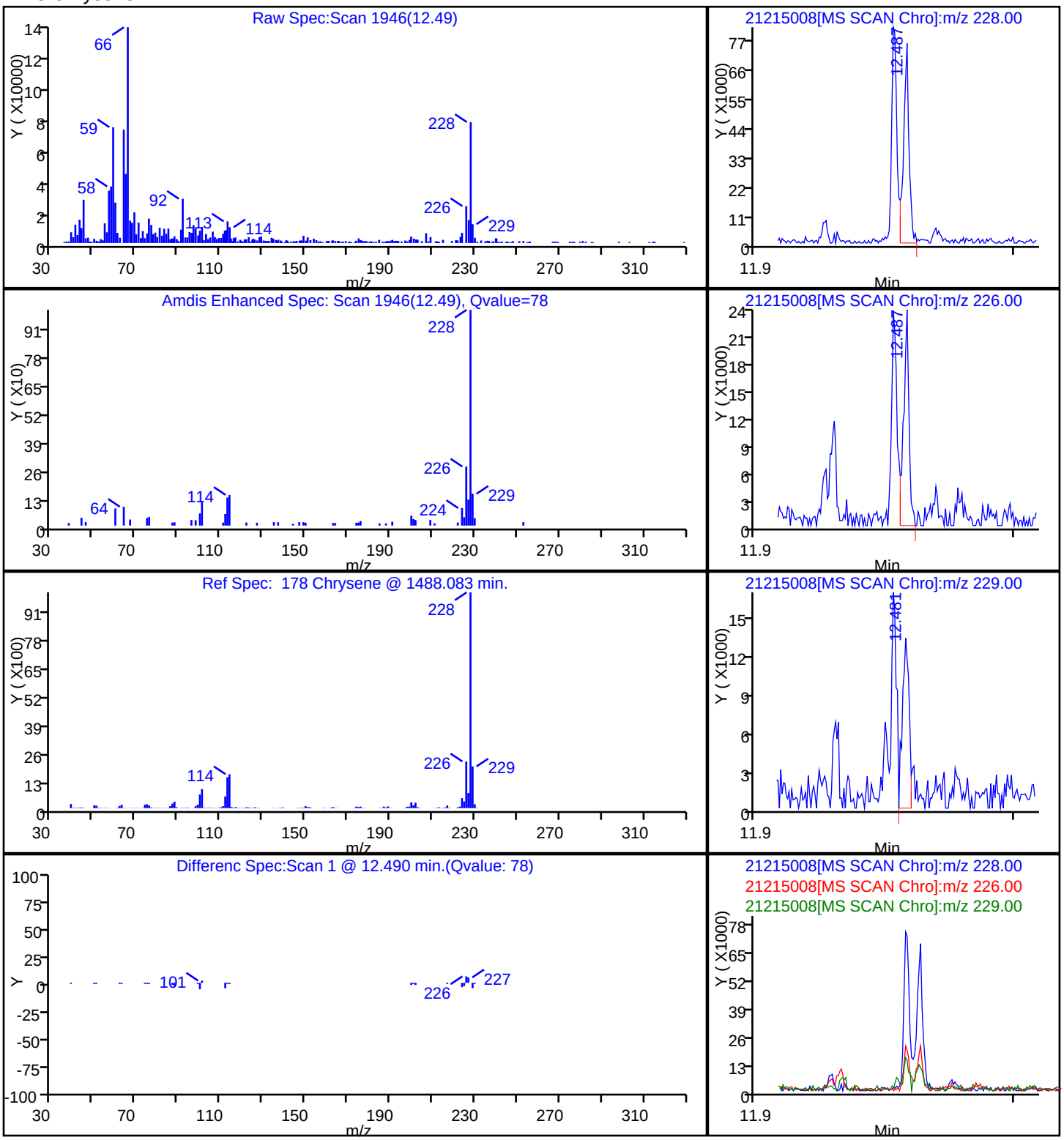
Report Date: 17-Dec-2012 09:53:22 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121215-15876.b\21215008.D

Injection Date:	15-Dec-2012 14:32:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SD-0009-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	68844	Lims Sample ID:	8
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

178 Chrysene



Report Date: 17-Dec-2012 09:53:21 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

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Injection Date:	15-Dec-2012 14:32:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SD-0009-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	68844	Lims Sample ID:	8
Operator ID:	001574	Injection Vol:	1.0 ul
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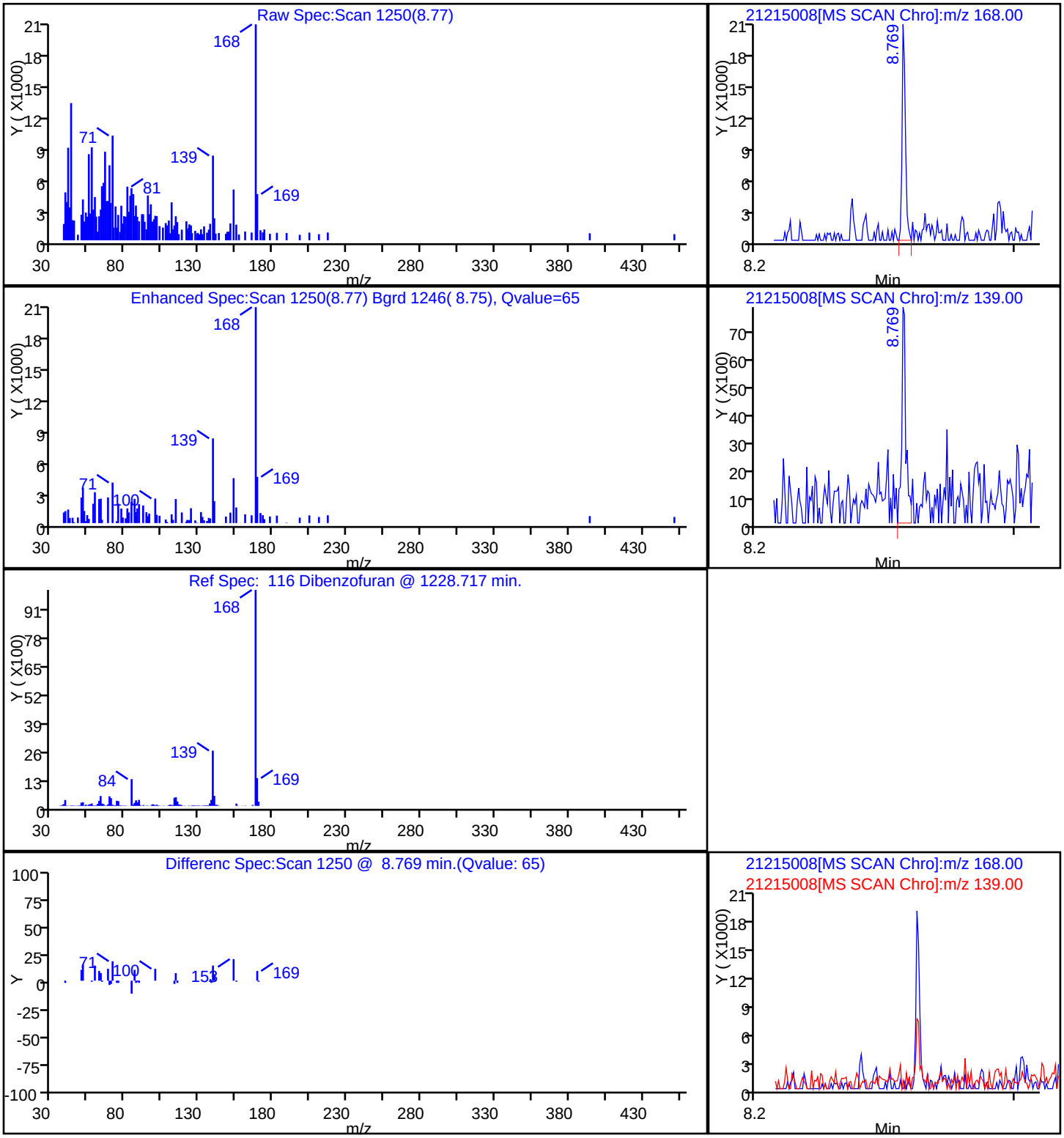
116 Dibenzofuran



Report Date: 17-Dec-2012 09:53:21 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

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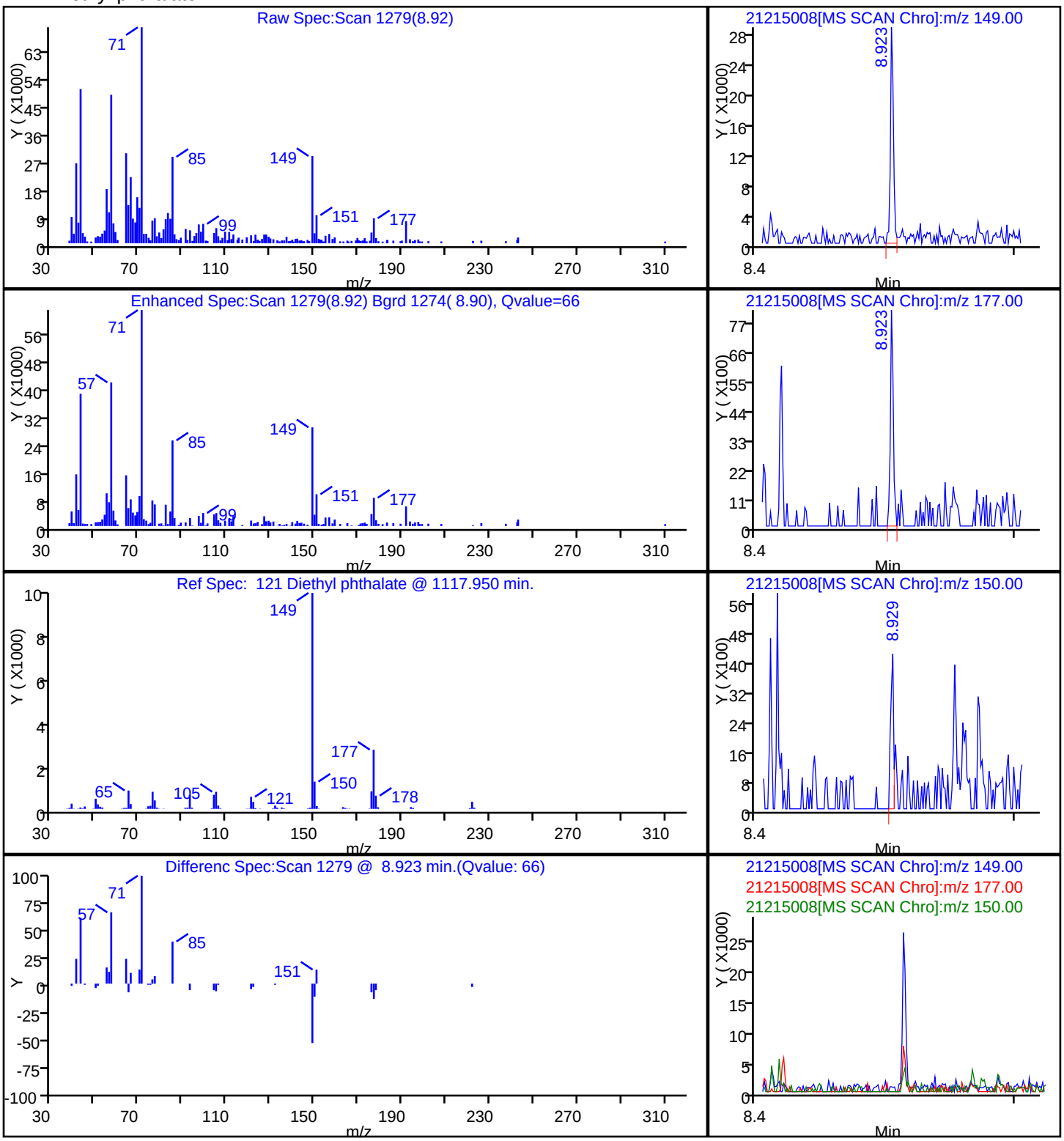
Injection Date:	15-Dec-2012 14:32:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SD-0009-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	68844	Lims Sample ID:	8
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

121 Diethyl phthalate



Report Date: 17-Dec-2012 09:53:21 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

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Injection Date:	15-Dec-2012 14:32:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SD-0009-0001-SO	Instrument ID:	A4HP9
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Operator ID:	001574	Injection Vol:	1.0 ul
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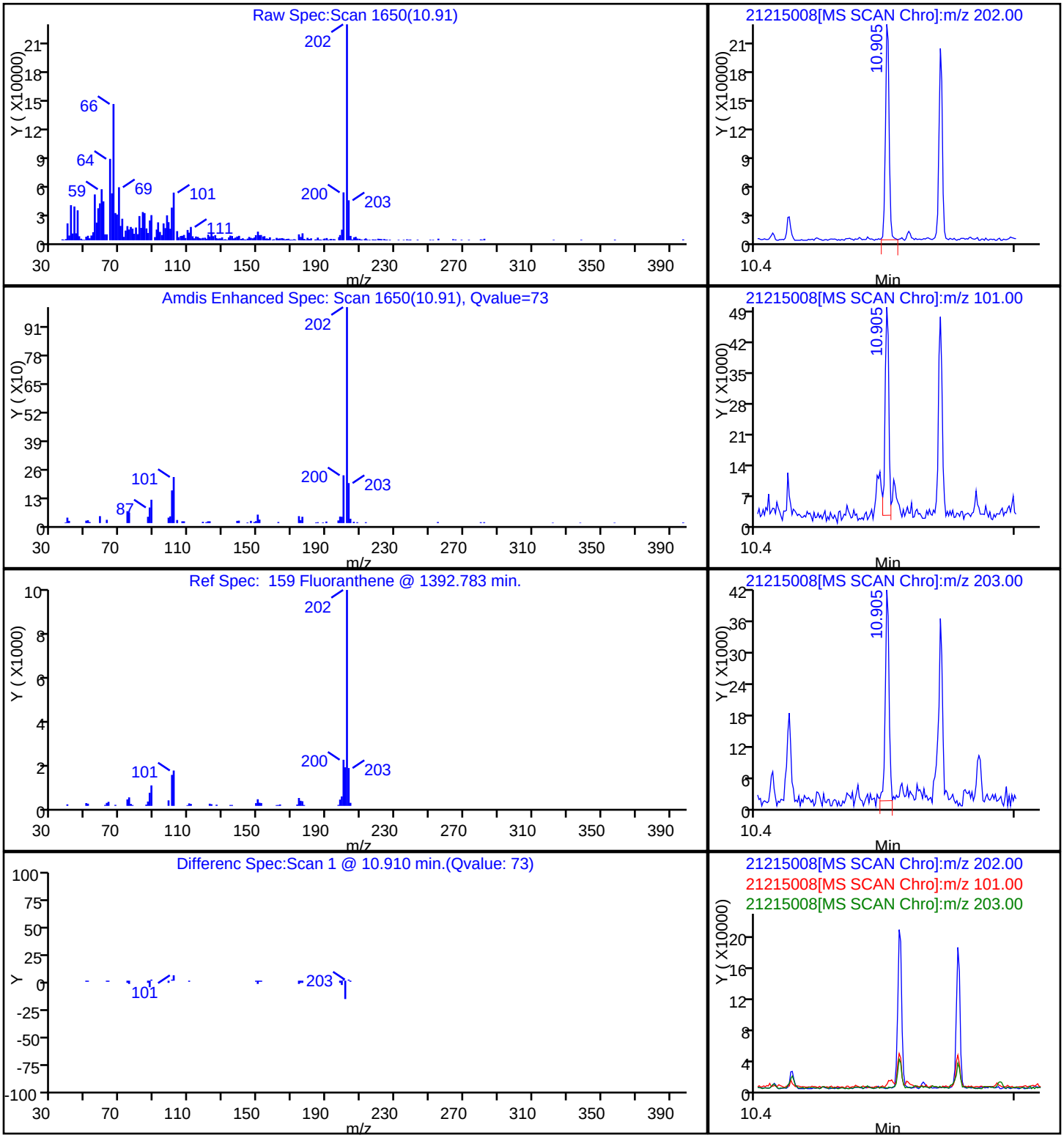
159 Fluoranthene



Report Date: 17-Dec-2012 09:53:21 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

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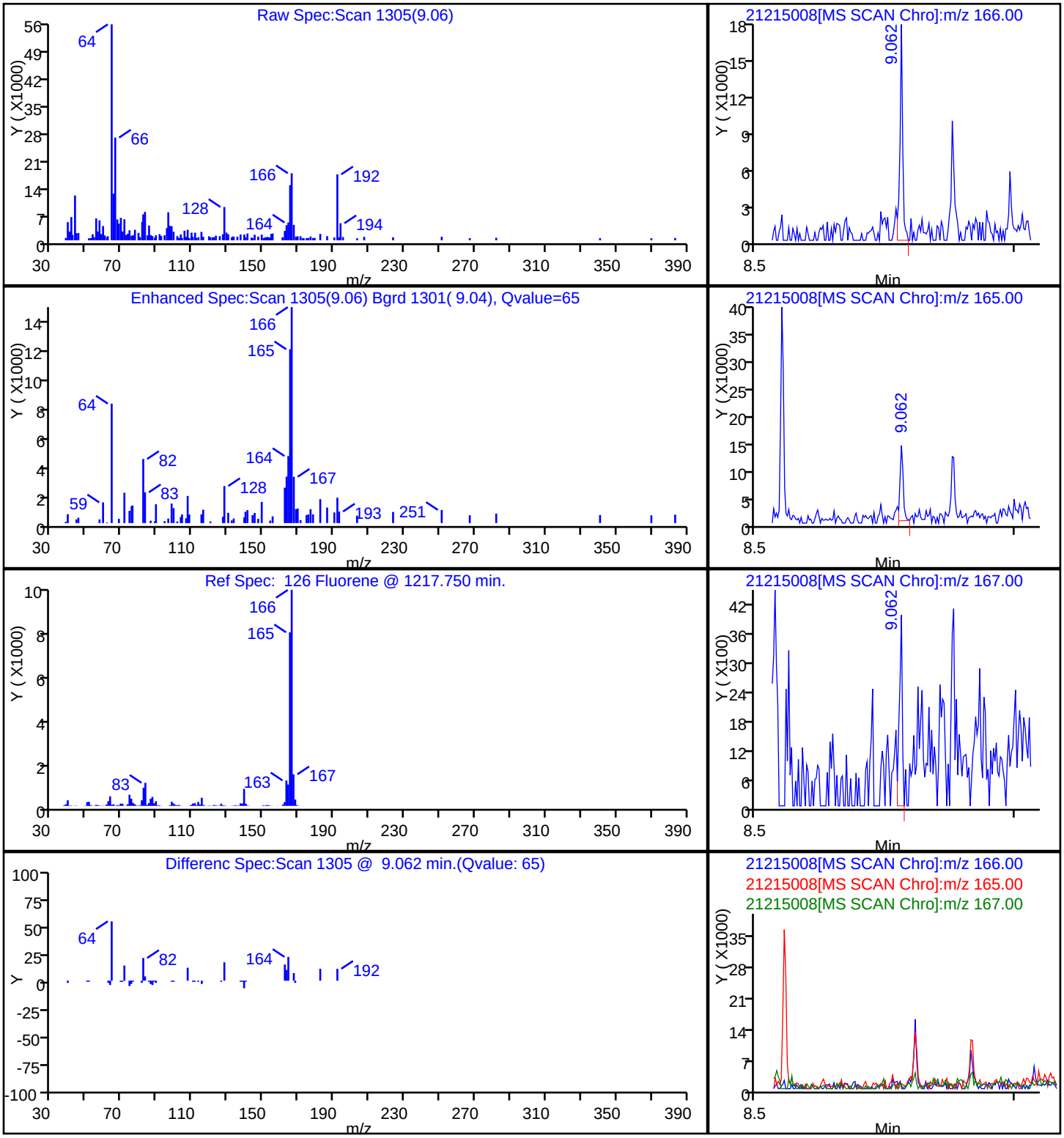
Injection Date:	15-Dec-2012 14:32:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SD-0009-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	68844	Lims Sample ID:	8
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

126 Fluorene



Report Date: 17-Dec-2012 09:53:22 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

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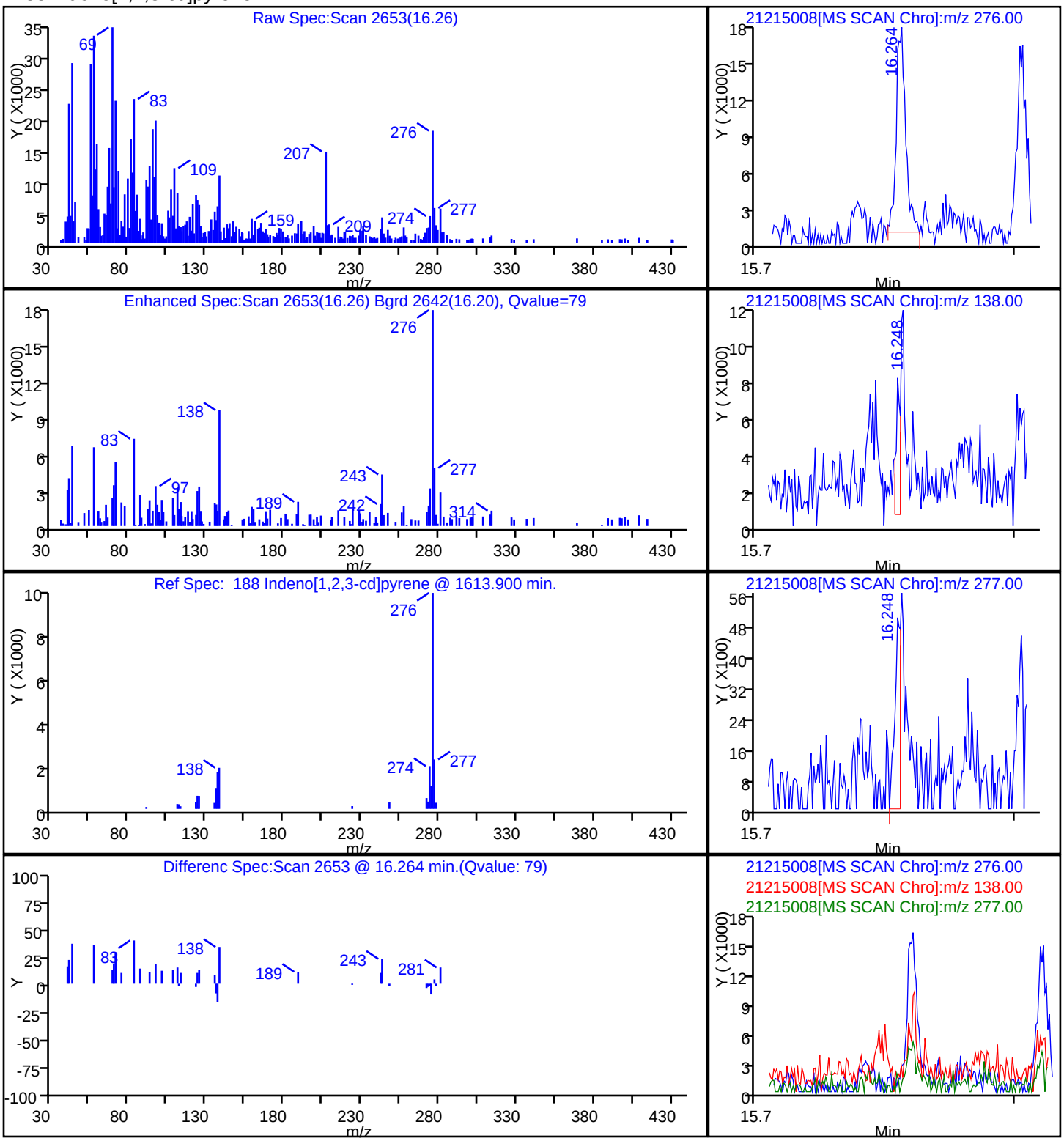
Client ID:	076SD-0009-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	68844	Lims Sample ID:	8
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

188 Indeno[1,2,3-cd]pyrene



Report Date: 17-Dec-2012 09:53:21 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

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Lims Batch ID:	68844	Lims Sample ID:	8
Operator ID:	001574	Injection Vol:	1.0 ul
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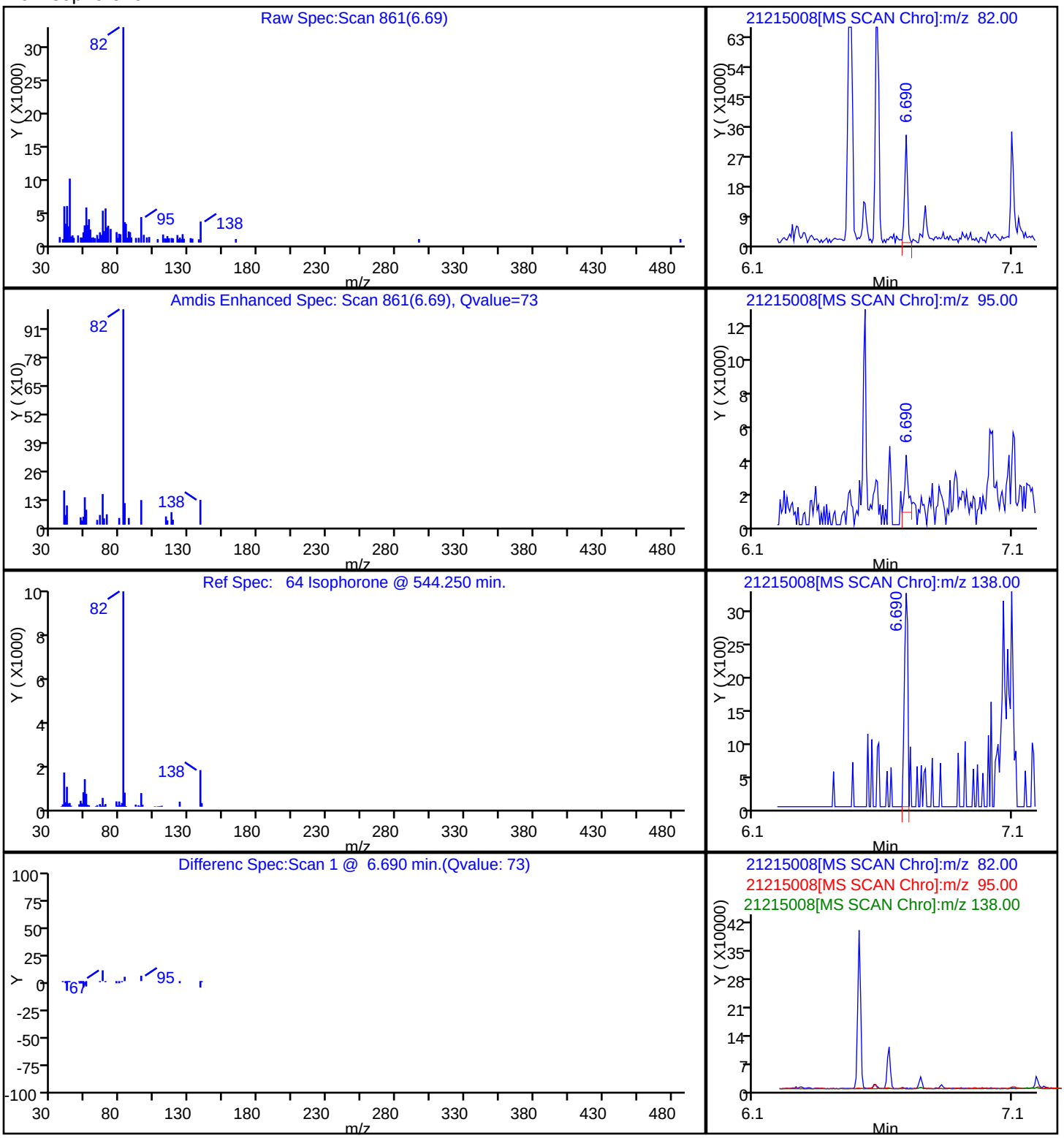
64 Isophorone



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TestAmerica Canton

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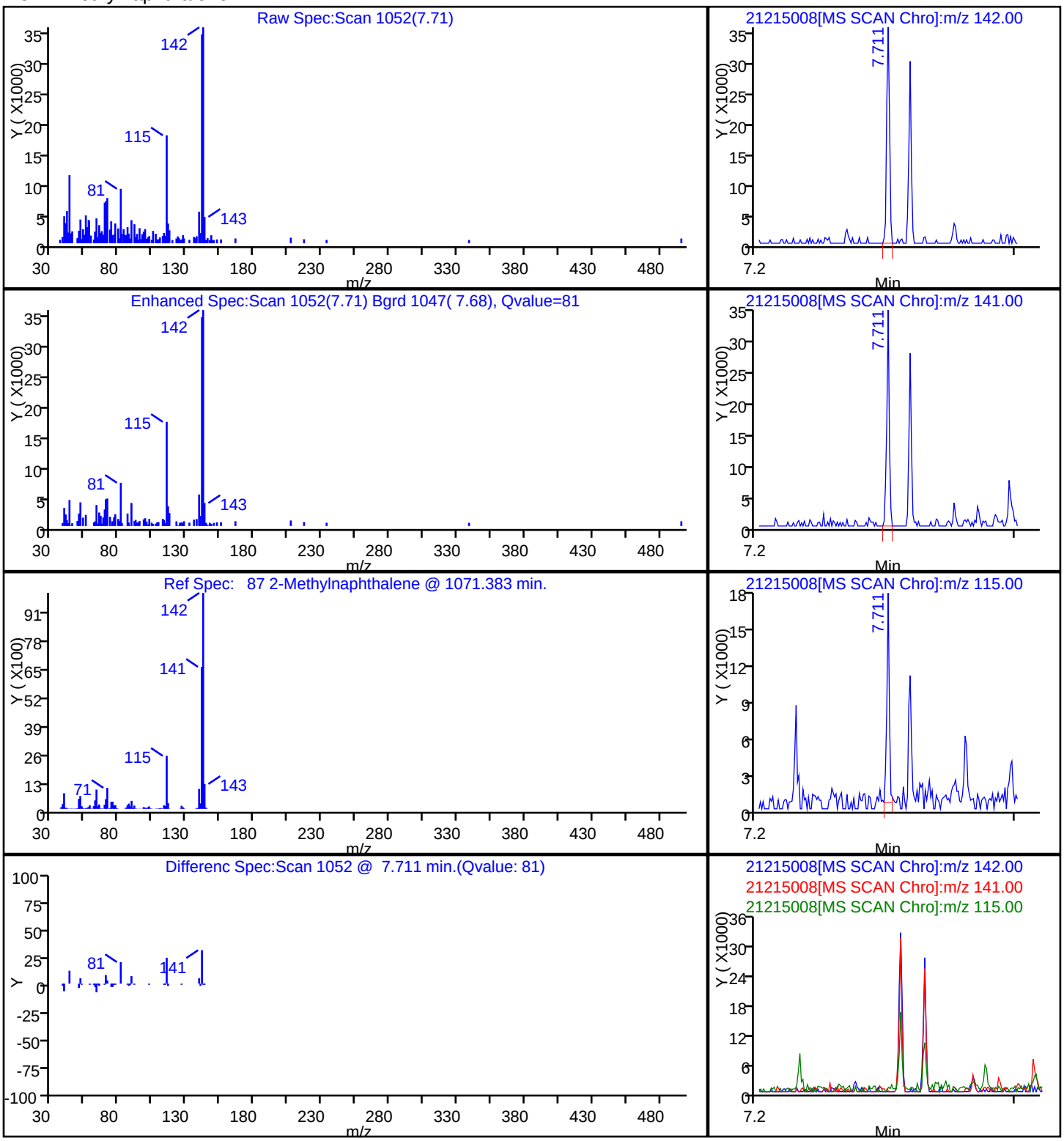
Client ID:	076SD-0009-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	68844	Lims Sample ID:	8
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

87 2-Methylnaphthalene



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TestAmerica Canton

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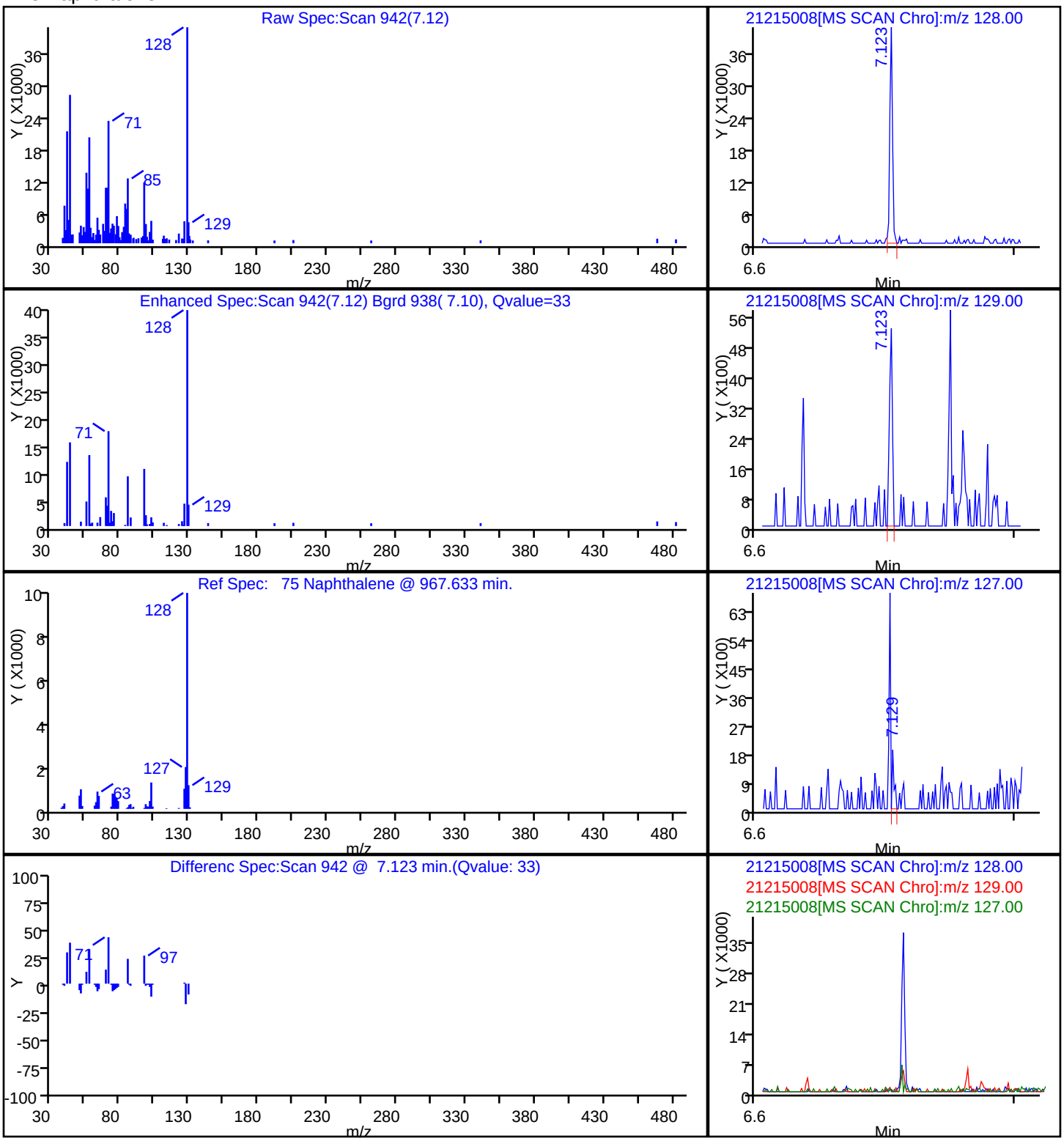
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

75 Naphthalene



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TestAmerica Canton

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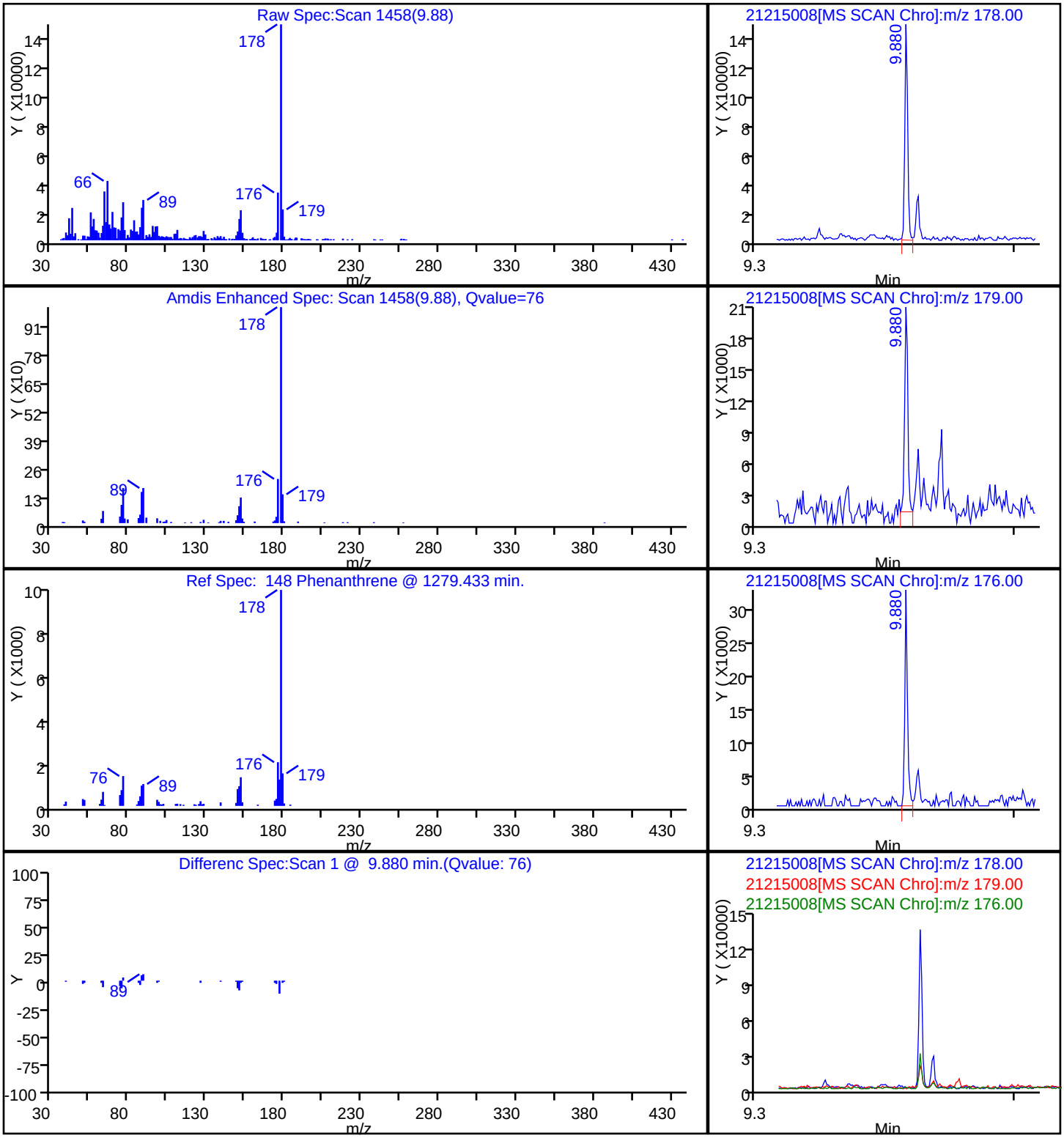
Client ID:	076SD-0009-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	68844	Lims Sample ID:	8
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

148 Phenanthrene



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TestAmerica Canton

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Operator ID:	001574	Injection Vol:	1.0 ul
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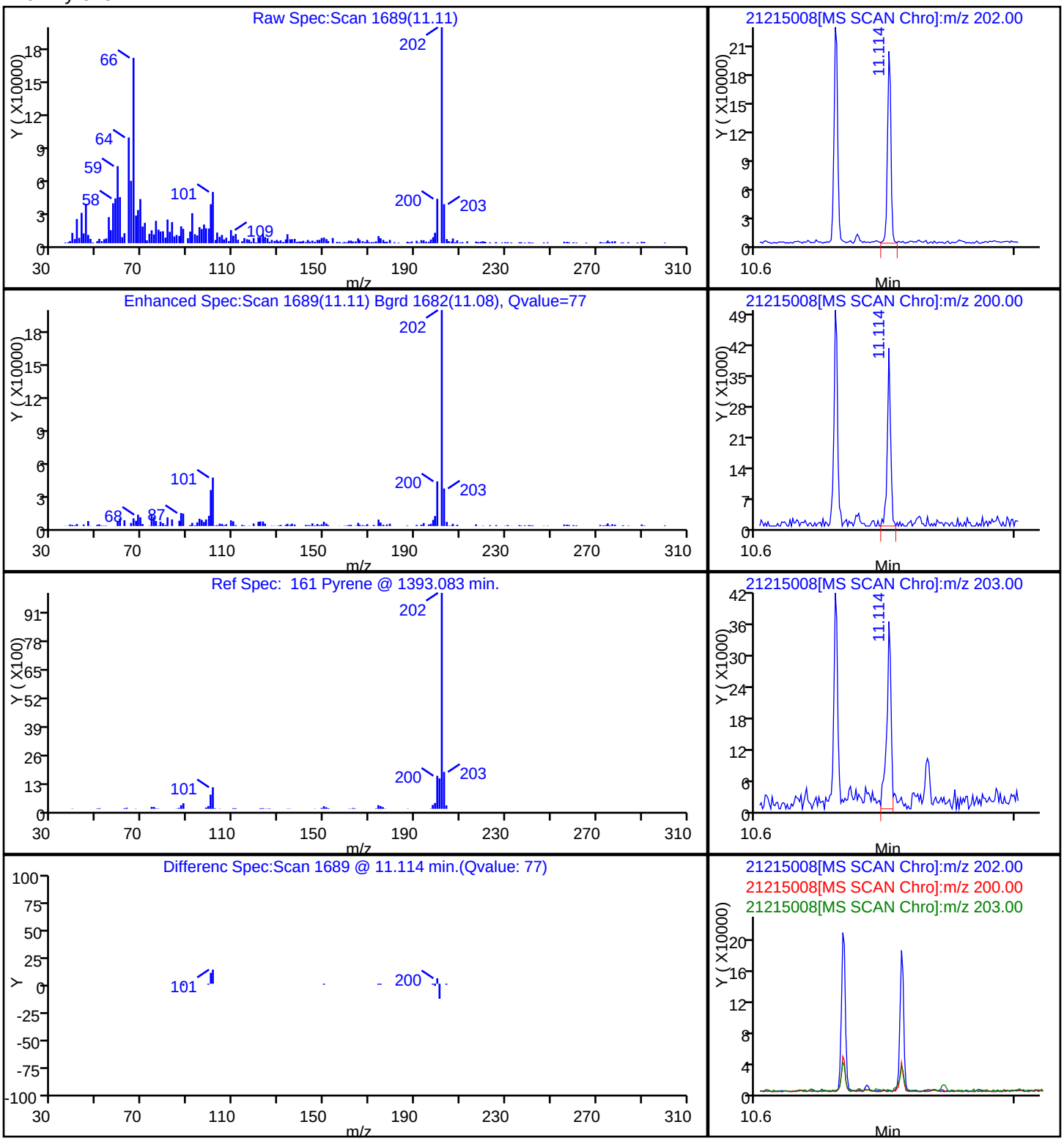
161 Pyrene



Manual Integration/User Assign Peak Report

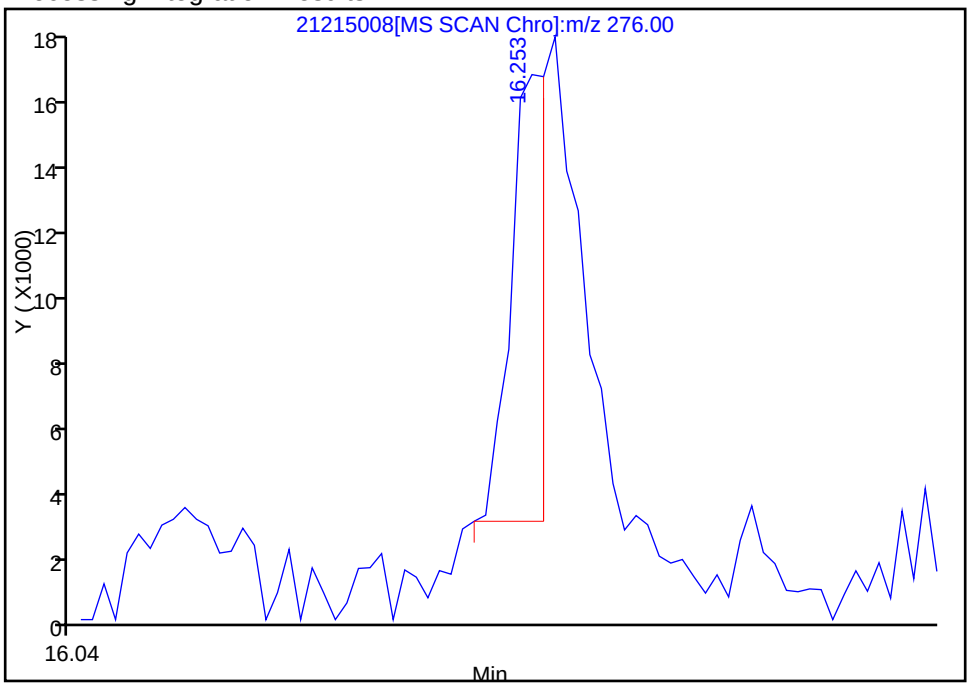
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121215-15876.b\21215008.D		
Injection Date:	15-Dec-2012 14:32:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SD-0009-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	68844	Lims Sample ID:	8
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

188 Indeno[1,2,3-cd]pyrene, Signal: 1, m/z: 276.0 Type: quant, RT: 16.25

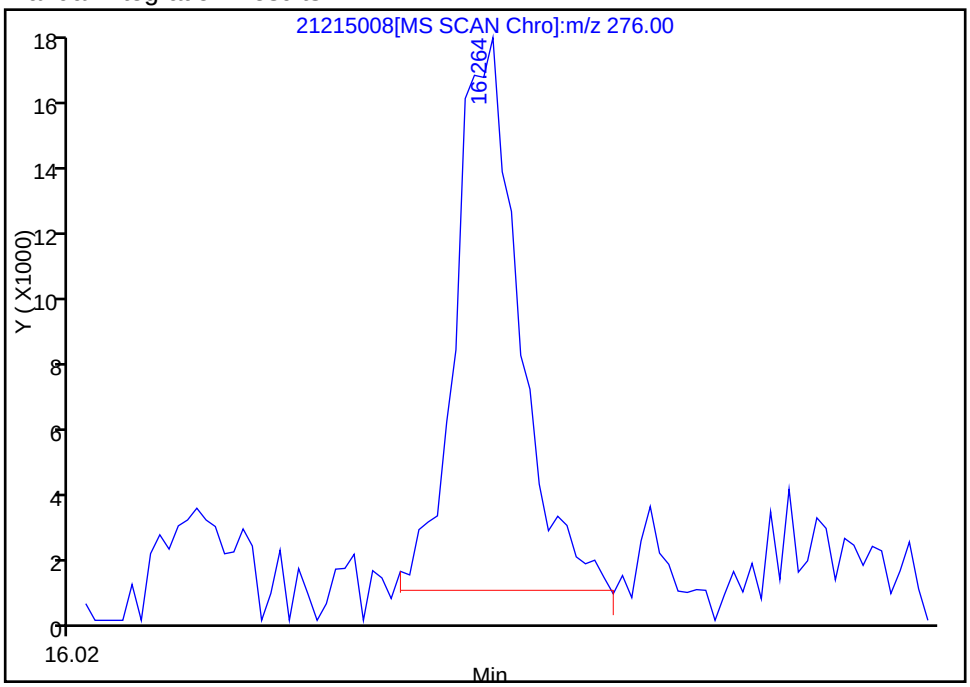
Processing Integration Results

RT: 16.25
Response: 15729
Amount: 0.178023



Manual Integration Results

RT: 16.26
Response: 43021
Amount: 0.486917



Reviewer: ulmanm, 17-Dec-2012 07:59:22
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: 076SD-0010-0001-SO | Lab Sample ID: 240-17317-20

Matrix: Solid | Lab File ID: 21212110.D

Analysis Method: 8270C/DoD | Date Collected: 11/06/2012 18:15

Extract. Method: 3540C | Date Extracted: 11/16/2012 13:26

Sample wt/vol: 29.70(g) | Date Analyzed: 12/12/2012 14:22

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 68349 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	5.6	J	6.7	3.3	3.3
208-96-8	Acenaphthylene	6.5	J	6.7	3.3	3.3
120-12-7	Anthracene	11		6.7	3.3	3.3
56-55-3	Benzo[a]anthracene	46		6.7	3.3	3.3
50-32-8	Benzo[a]pyrene	52		6.7	3.3	3.3
205-99-2	Benzo[b]fluoranthene	71		6.7	3.3	3.3
191-24-2	Benzo[g,h,i]perylene	31	M	6.7	3.3	3.3
65-85-0	Benzoic acid	340	U M	670	340	340
207-08-9	Benzo[k]fluoranthene	28		6.7	3.3	3.3
100-51-6	Benzyl alcohol	27	U	330	27	21
111-91-1	Bis(2-chloroethoxy)methane	27	U	100	27	22
111-44-4	Bis(2-chloroethyl)ether	3.3	U	100	3.3	2.0
108-60-1	bis (2-chloroisopropyl) ether	27	U	100	27	9.6
117-81-7	Bis(2-ethylhexyl) phthalate	72		51	27	19
101-55-3	4-Bromophenyl phenyl ether	27	U	51	27	13
85-68-7	Butyl benzyl phthalate	27	U	51	27	10
86-74-8	Carbazole	27	U	51	27	27
106-47-8	4-Chloroaniline	27	U	150	27	17
59-50-7	4-Chloro-3-methylphenol	27	U	150	27	21
91-58-7	2-Chloronaphthalene	3.3	U	51	3.3	3.3
95-57-8	2-Chlorophenol	27	U	51	27	27
7005-72-3	4-Chlorophenyl phenyl ether	27	U	51	27	13
218-01-9	Chrysene	55		6.7	3.3	1.1
53-70-3	Dibenz(a,h)anthracene	3.3	U	6.7	3.3	3.3
132-64-9	Dibenzofuran	17	J	51	3.3	3.3
106-46-7	1,4-Dichlorobenzene	27	U	51	27	20
95-50-1	1,2-Dichlorobenzene	27	U	51	27	9.8
541-73-1	1,3-Dichlorobenzene	27	U	51	27	11
91-94-1	3,3'-Dichlorobenzidine	81	U	100	81	18
120-83-2	2,4-Dichlorophenol	27	U	150	27	20
84-66-2	Diethyl phthalate	27	U	51	27	16
105-67-9	2,4-Dimethylphenol	81	U	150	81	20
131-11-3	Dimethyl phthalate	27	U	51	27	17
84-74-2	Di-n-butyl phthalate	27	U	51	27	15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: 076SD-0010-0001-SO | Lab Sample ID: 240-17317-20

Matrix: Solid | Lab File ID: 21212110.D

Analysis Method: 8270C/DoD | Date Collected: 11/06/2012 18:15

Extract. Method: 3540C | Date Extracted: 11/16/2012 13:26

Sample wt/vol: 29.70(g) | Date Analyzed: 12/12/2012 14:22

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 68349 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	81	U	150	81	81
51-28-5	2,4-Dinitrophenol	81	U	330	81	81
121-14-2	2,4-Dinitrotoluene	27	U	200	27	27
606-20-2	2,6-Dinitrotoluene	27	U	200	27	21
117-84-0	Di-n-octyl phthalate	27	U	51	27	27
206-44-0	Fluoranthene	88		6.7	3.3	3.3
86-73-7	Fluorene	7.8		6.7	3.3	3.3
118-74-1	Hexachlorobenzene	3.3	U	6.7	3.3	2.1
87-68-3	Hexachlorobutadiene	27	U	51	27	27
77-47-4	Hexachlorocyclopentadiene	27	U	330	27	27
67-72-1	Hexachloroethane	27	U	51	27	9.1
193-39-5	Indeno[1,2,3-cd]pyrene	28		6.7	3.3	3.3
78-59-1	Isophorone	27	U	51	27	13
91-57-6	2-Methylnaphthalene	20		6.7	3.3	3.3
95-48-7	2-Methylphenol	81	U	200	81	81
15831-10-4	3 & 4 Methylphenol	81	U	400	81	20
91-20-3	Naphthalene	14		6.7	3.3	3.3
88-74-4	2-Nitroaniline	27	U	200	27	9.2
99-09-2	3-Nitroaniline	81	U	200	81	16
100-01-6	4-Nitroaniline	27	U	200	27	26
98-95-3	Nitrobenzene	3.3	U	100	3.3	2.2
88-75-5	2-Nitrophenol	27	U	51	27	27
100-02-7	4-Nitrophenol	81	U	330	81	81
621-64-7	N-Nitrosodi-n-propylamine	27	U	51	27	27
86-30-6	N-Nitrosodiphenylamine	27	U	51	27	21
87-86-5	Pentachlorophenol	81	U	150	81	81
85-01-8	Phenanthrene	51		6.7	3.3	3.3
108-95-2	Phenol	27	U	51	27	27
129-00-0	Pyrene	69		6.7	3.3	3.3
120-82-1	1,2,4-Trichlorobenzene	27	U	51	27	27
95-95-4	2,4,5-Trichlorophenol	27	U	150	27	25
88-06-2	2,4,6-Trichlorophenol	81	U	150	81	81

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: 076SD-0010-0001-SO | Lab Sample ID: 240-17317-20

Matrix: Solid | Lab File ID: 21212110.D

Analysis Method: 8270C/DoD | Date Collected: 11/06/2012 18:15

Extract. Method: 3540C | Date Extracted: 11/16/2012 13:26

Sample wt/vol: 29.70(g) | Date Analyzed: 12/12/2012 14:22

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 68349 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	51		45-105
367-12-4	2-Fluorophenol (Surr)	69		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	52		35-100
1718-51-0	Terphenyl-d14 (Surr)	66		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	81		35-125
4165-62-2	Phenol-d5 (Surr)	73		40-100

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121212-15768.b\21212110.D
Lims ID: 240-17317-A-20-D Client ID: 076SD-0010-0001-SO
Inject. Date: 12-Dec-2012 14:22:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0015768-010
Misc. Info.: 240-17317-A-20-D =240-17317-A-20-D
Operator: 001574 Instrument ID: A4HP9
Injection Vol: 1.0 ul ALS Bottle#: 10
Lims Batch ID: 68349 Lims Sample ID: 10
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121212-15768.b\8270 _9.m
Last Update: 13-Dec-2012 09:49:55 Calib Date: 11-Dec-2012 15:28:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: 5% phenyl Column Dia: 0.18 mm
Process Host: XAWRK018

First Level Reviewer: ulmanm Date: 12-Dec-2012 15:05:44

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	6.076	6.081	-0.005	94	94464	4.00	
* 2 Naphthalene-d8	136	7.187	7.187	0.0	98	388154	4.00	
* 3 Acenaphthene-d10	164	8.683	8.682	0.001	78	241826	4.00	
* 4 Phenanthrene-d10	188	9.949	9.949	0.001	81	410827	4.00	
* 5 Chrysene-d12	240	12.588	12.588	0.0	80	415035	4.00	
* 6 Perylene-d12	264	14.741	14.740	0.001	91	313206	4.00	
$ 7 2-Fluorophenol	112	4.874	4.852	0.022	94	355781	10.3	
$ 8 Phenol-d5	99	5.718	5.718	0.0	0	544279	10.9	
$ 9 Nitrobenzene-d5	82	6.557	6.556	0.001	83	343252	5.21	
$ 10 2-Fluorobiphenyl (Surr)	172	8.090	8.095	-0.005	94	478953	5.14	
$ 11 2,4,6-Tribromophenol	330	9.351	9.350	0.001	74	88512	12.1	
$ 12 Terphenyl-d14	244	11.327	11.327	0.0	96	548623	6.58	
43 Phenol	94	5.734	5.728	0.006	13	15916	0.2789	
69 Bis(2-chloroethyl)ether	93		5.830					
46 2-Chlorophenol	128		5.888					9
47 1,3-Dichlorobenzene	146		6.027					9
48 1,4-Dichlorobenzene	146	6.092	6.091	0.001	7	5575	0.1565	
49 Benzyl alcohol	108		6.182					9
50 1,2-Dichlorobenzene	146		6.230					
51 2-Methylphenol	108		6.268					9
53 2,2'-oxybis[1-chloropropane]	45		6.300					
21 3 & 4 Methylphenol	108		6.396					9
57 N-Nitrosodi-n-propylamine	70		6.412					
61 Hexachloroethane	117		6.530					9
62 Nitrobenzene	77		6.572					
64 Isophorone	82	6.776	6.775	0.001	71	17526	0.1711	
66 2-Nitrophenol	139		6.850					9
65 2,4-Dimethylphenol	107		6.861					9
71 Benzoic acid	122	6.877	6.914	-0.037	77	27640	2.34	M
70 Bis(2-chloroethoxy)methane	93		6.946					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
73 2,4-Dichlorophenol	162		7.048					
74 1,2,4-Trichlorobenzene	180		7.133					
75 Naphthalene	128	7.209	7.208	0.001	1	20460	0.2067	
76 4-Chloroaniline	127		7.235					9
79 Hexachlorobutadiene	225		7.299					
86 4-Chloro-3-methylphenol	107		7.625					
87 2-Methylnaphthalene	142	7.791	7.790	0.001	81	19743	0.2966	
89 Hexachlorocyclopentadiene	237		7.924					
92 2,4,6-Trichlorophenol	196		8.020					
93 2,4,5-Trichlorophenol	196		8.052					
100 2-Chloronaphthalene	162		8.212					9
102 2-Nitroaniline	65		8.282					
105 Dimethyl phthalate	163		8.415					9
107 2,6-Dinitrotoluene	165		8.474					
109 Acenaphthylene	152	8.565	8.565	0.0	61	10094	0.0959	
110 3-Nitroaniline	138		8.624					9
111 2,4-Dinitrophenol	184		8.709					149
112 Acenaphthene	153	8.710	8.709	0.001	25	5644	0.0831	
113 4-Nitrophenol	109		8.736					
114 2,4-Dinitrotoluene	165		8.821					
116 Dibenzofuran	168	8.854	8.859	-0.005	68	23105	0.2499	
121 Diethyl phthalate	149		9.008					
123 4-Chlorophenyl phenyl ether	204		9.131					
125 4-Nitroaniline	138		9.142					
126 Fluorene	166	9.148	9.147	0.001	52	9053	0.1163	
128 4,6-Dinitro-2-methylphenol	198		9.163					9
131 N-Nitrosodiphenylamine	169		9.227					
139 4-Bromophenyl phenyl ether	248		9.548					
141 Hexachlorobenzene	284		9.617					
143 Pentachlorophenol	266		9.772					
148 Phenanthrene	178	9.970	9.970	0.0	72	85306	0.7596	
149 Anthracene	178	10.013	10.013	0.0	44	17076	0.1576	
151 Carbazole	167		10.135					
154 Di-n-butyl phthalate	149	10.387	10.387	0.0	61	26039	0.2054	
159 Fluoranthene	202	11.001	10.996	0.005	77	157710	1.31	
161 Pyrene	202	11.215	11.215	0.0	68	127036	1.02	
168 Butyl benzyl phthalate	149		11.824					
175 3,3'-Dichlorobenzidine	252		12.513					9
173 Bis(2-ethylhexyl) phthalate	149	12.529	12.523	0.006	65	79923	1.06	
177 Benzo[a]anthracene	228	12.572	12.571	0.001	70	78287	0.6810	
178 Chrysene	228	12.620	12.625	-0.005	71	86621	0.8171	
180 Di-n-octyl phthalate	149		13.469					
182 Benzo[b]fluoranthene	252	14.137	14.137	0.0	82	103107	1.06	
183 Benzo[k]fluoranthene	252	14.180	14.179	0.001	1	39875	0.4138	
184 Benzo[a]pyrene	252	14.661	14.655	0.006	68	67452	0.7737	
188 Indeno[1,2,3-cd]pyrene	276	16.488	16.477	0.011	73	39226	0.4084	
189 Dibenz(a,h)anthracene	278		16.509					
190 Benzo[g,h,i]perylene	276	16.979	16.973	0.006	37	36679	0.4608	M

QC Flag Legend

Processing Flags
1 - Missing Peaks
4 - Failed Signal Ratio Test
9 - Failed A Reference Spectral Test

Review Flags
M - Manually Integrated

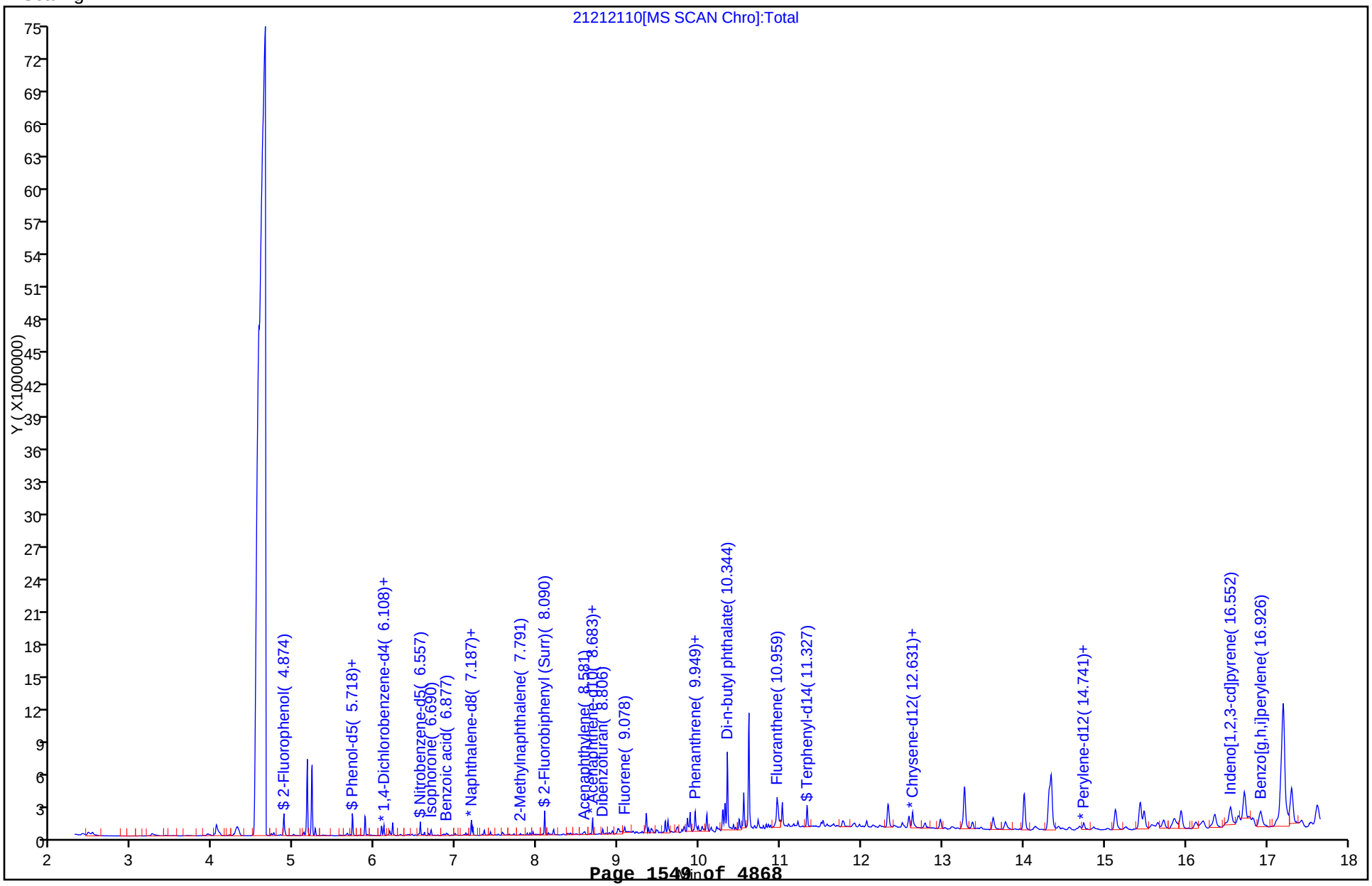
Report Date: 13-Dec-2012 09:50:04 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121212-15768.b\21212110.D

Injection Date:	12-Dec-2012 14:22:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SD-0010-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	68349	Lims Sample ID:	10
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



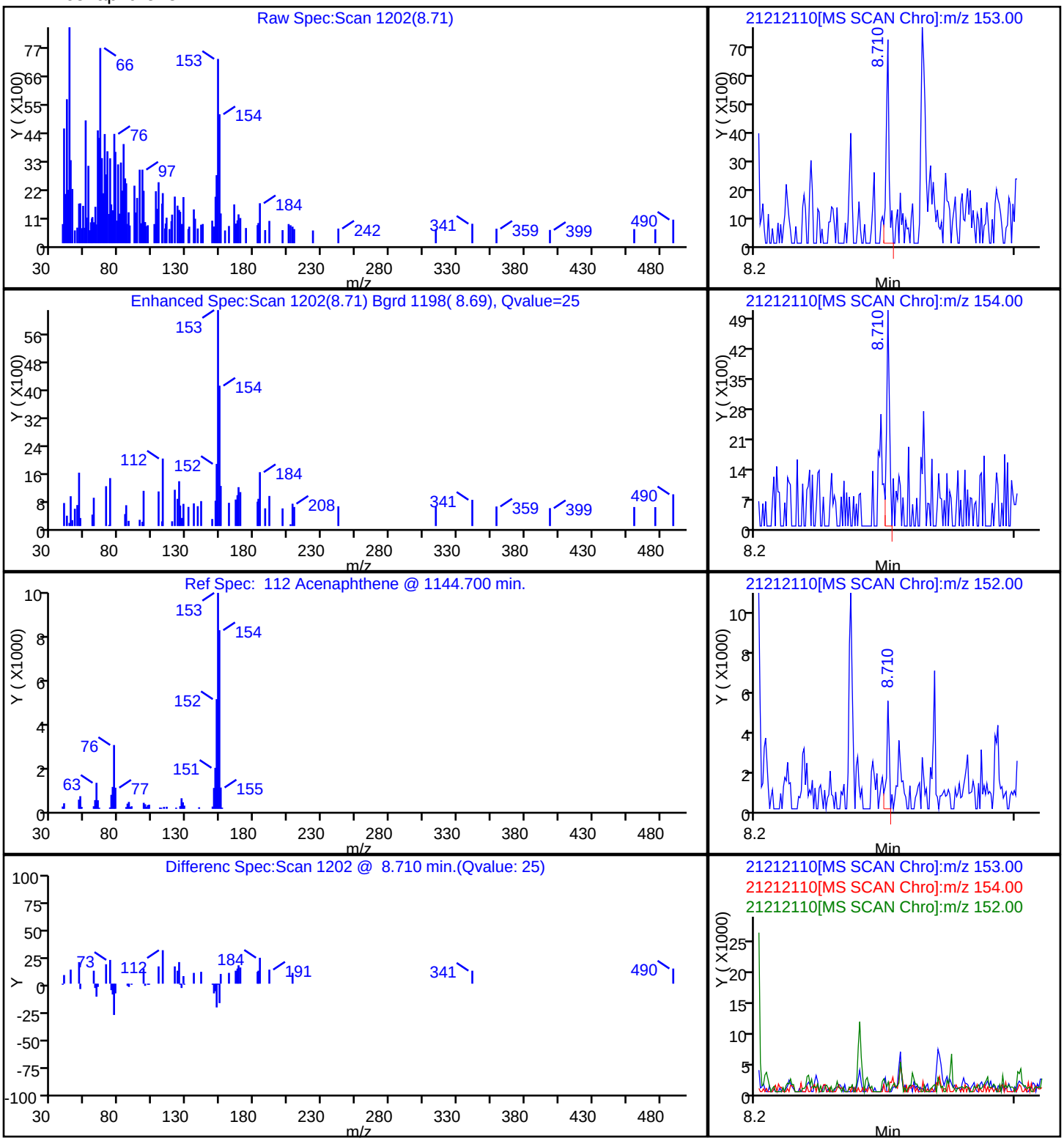
Report Date: 13-Dec-2012 09:50:04 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121212-15768.b\21212110.D

Injection Date:	12-Dec-2012 14:22:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SD-0010-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	68349	Lims Sample ID:	10
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

112 Acenaphthene



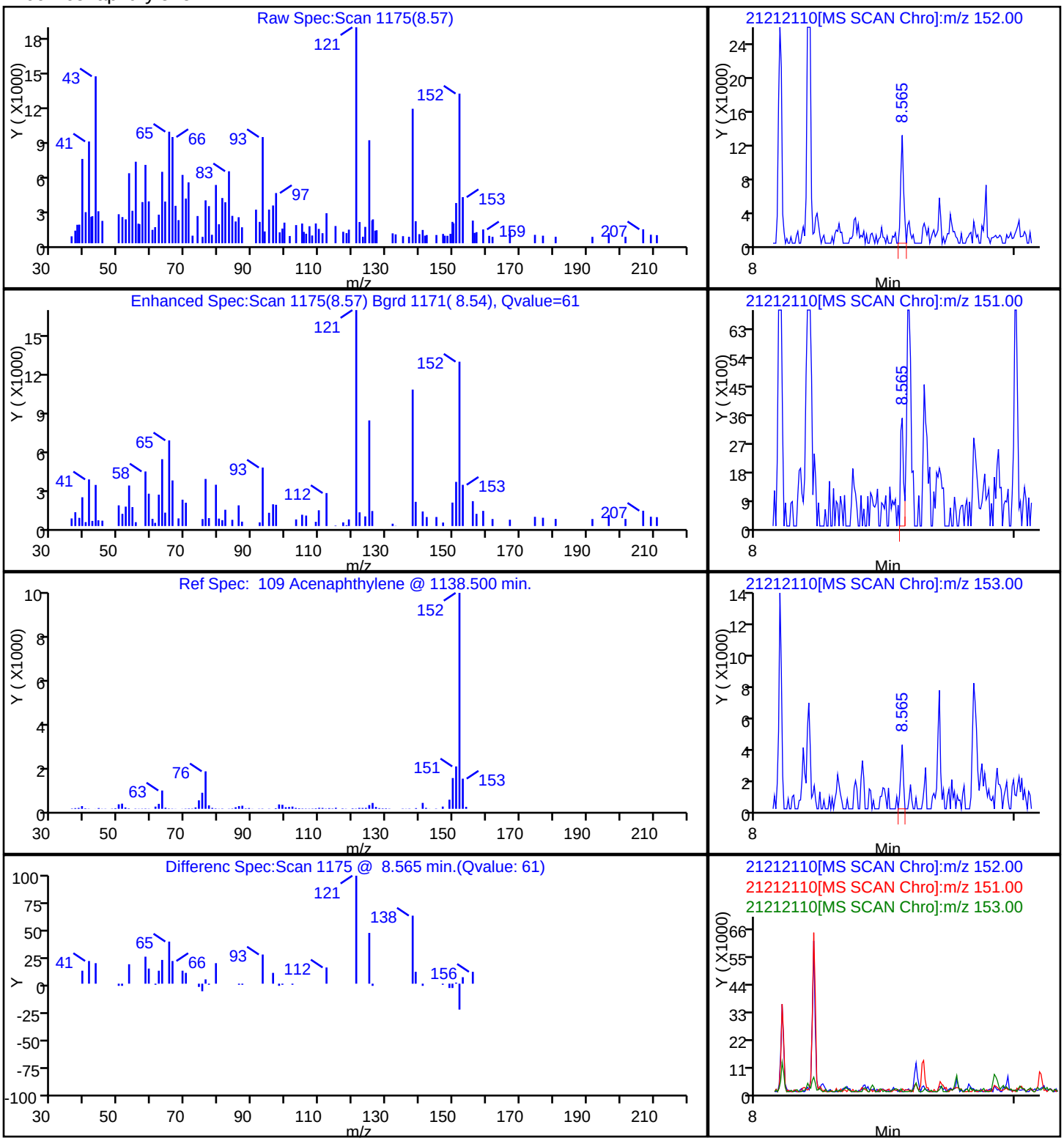
Report Date: 13-Dec-2012 09:50:04 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121212-15768.b\21212110.D

Injection Date:	12-Dec-2012 14:22:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SD-0010-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	68349	Lims Sample ID:	10
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

109 Acenaphthylene

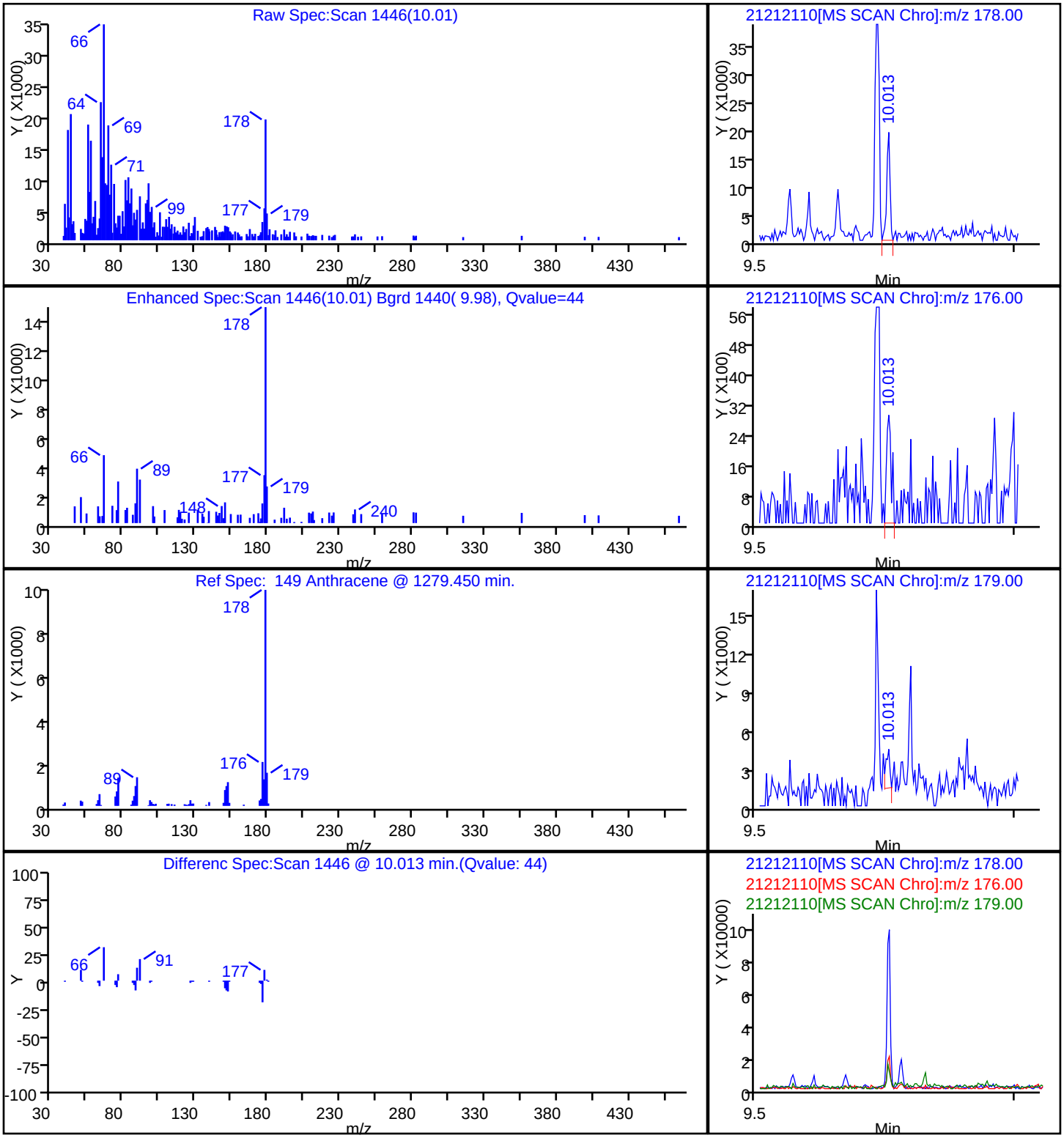


Report Date: 13-Dec-2012 09:50:05 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121212-15768.b\21212110.D		
Injection Date:	12-Dec-2012 14:22:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SD-0010-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	68349	Lims Sample ID:	10
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

149 Anthracene

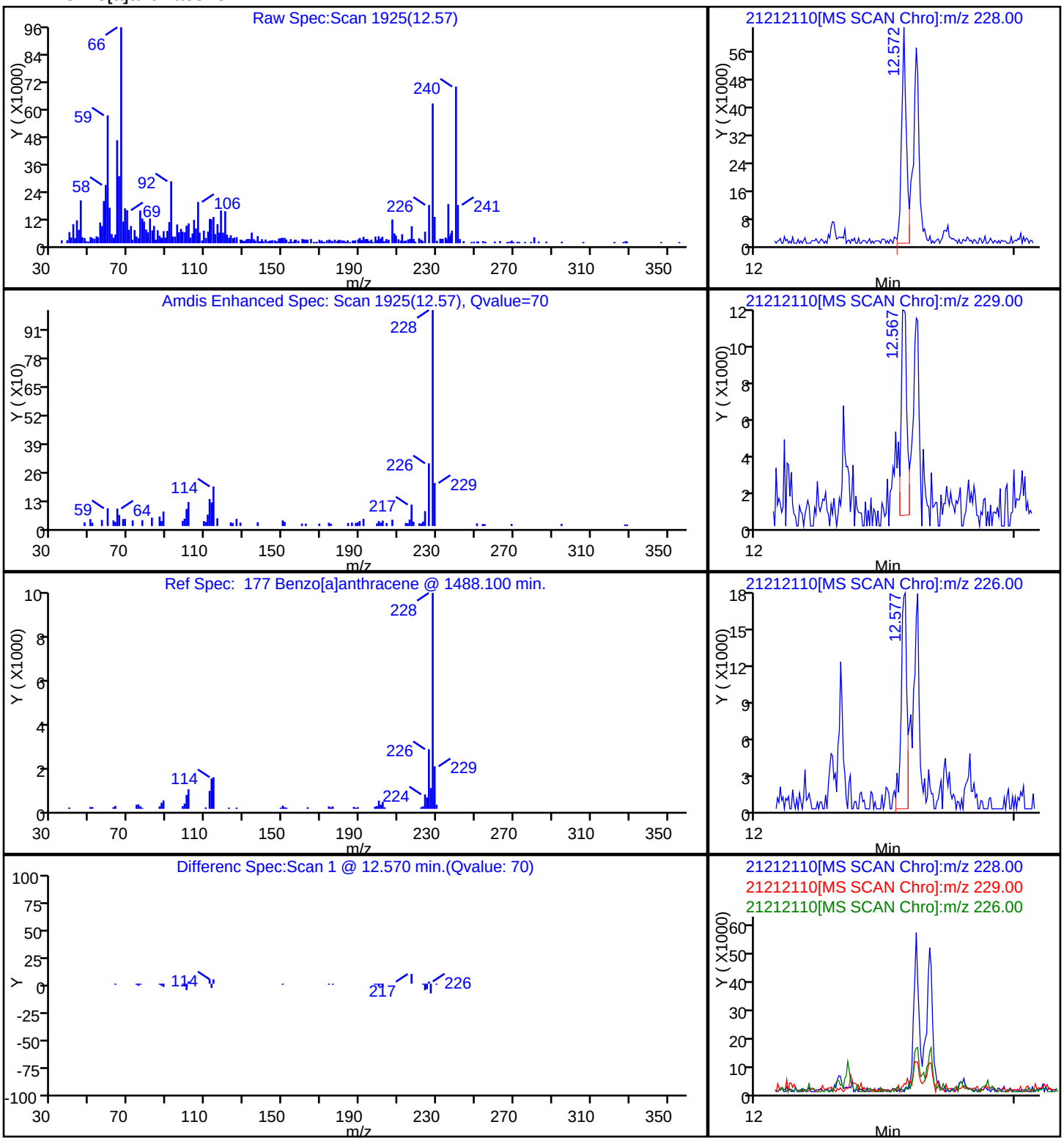


Report Date: 13-Dec-2012 09:50:05 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121212-15768.b\21212110.D		
Injection Date:	12-Dec-2012 14:22:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SD-0010-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	68349	Lims Sample ID:	10
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

177 Benzo[a]anthracene



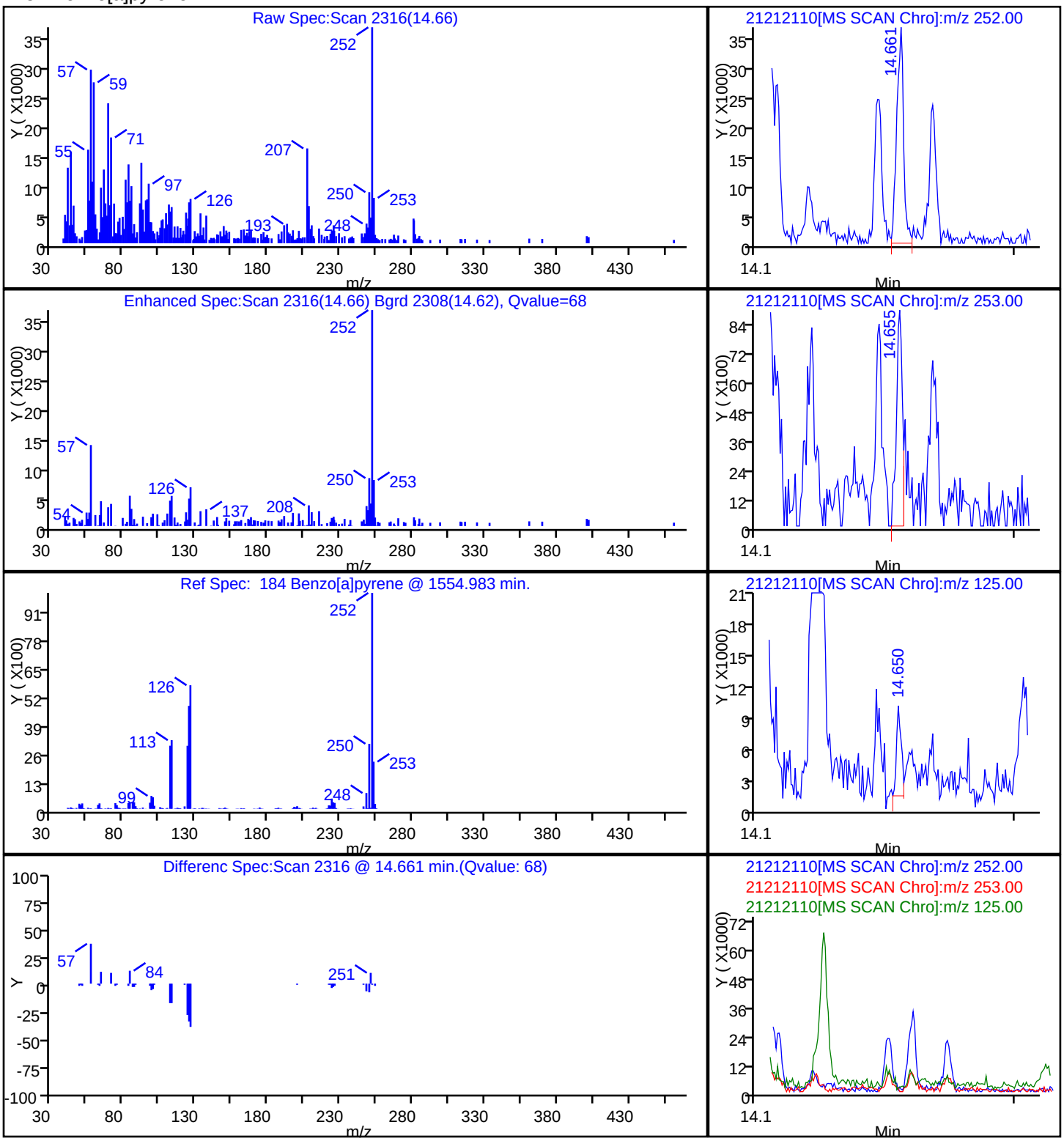
Report Date: 13-Dec-2012 09:50:05 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121212-15768.b\21212110.D

Injection Date:	12-Dec-2012 14:22:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SD-0010-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	68349	Lims Sample ID:	10
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

184 Benzo[a]pyrene



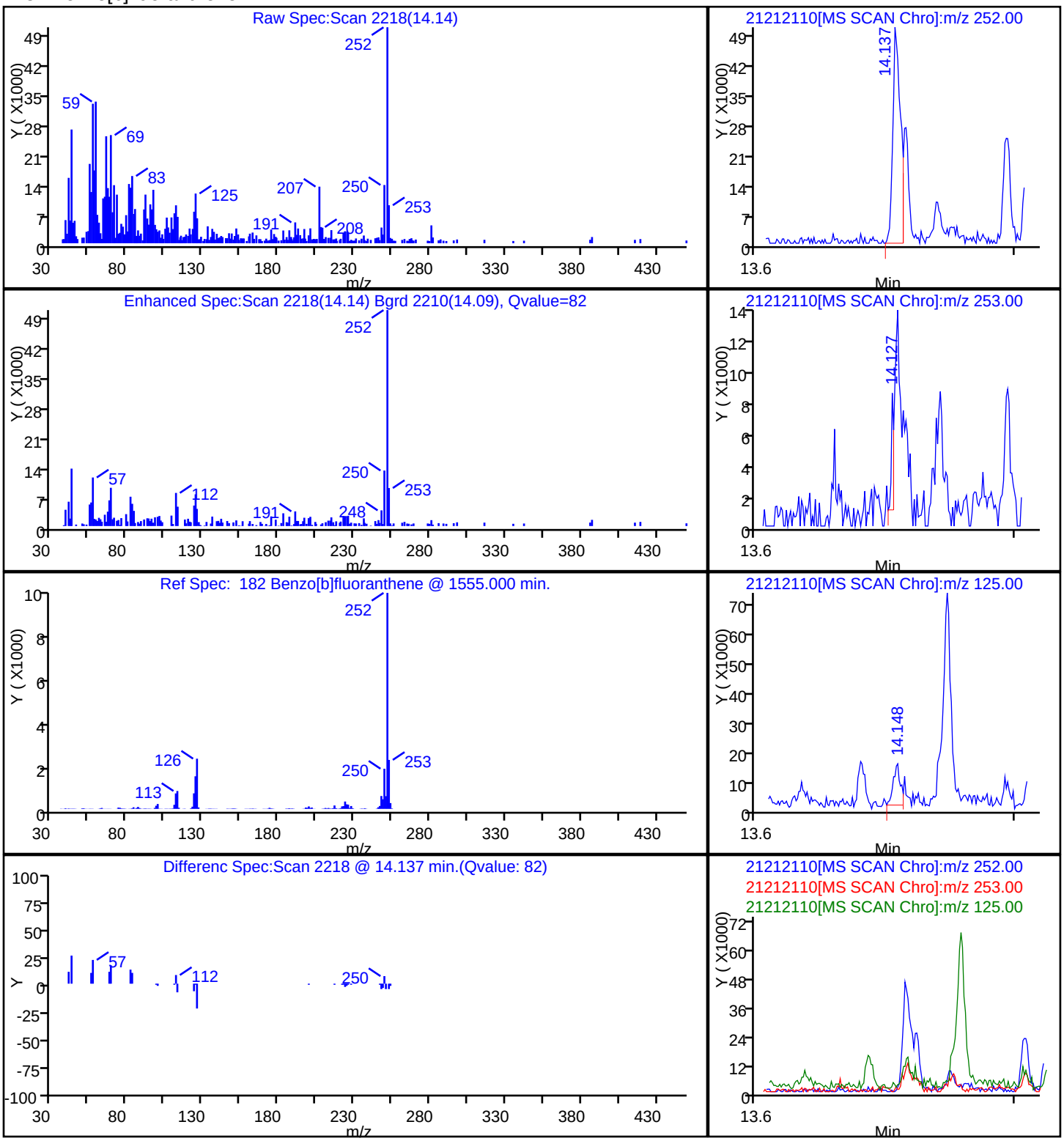
Report Date: 13-Dec-2012 09:50:05 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121212-15768.b\21212110.D

Injection Date:	12-Dec-2012 14:22:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SD-0010-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	68349	Lims Sample ID:	10
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

182 Benzo[b]fluoranthene



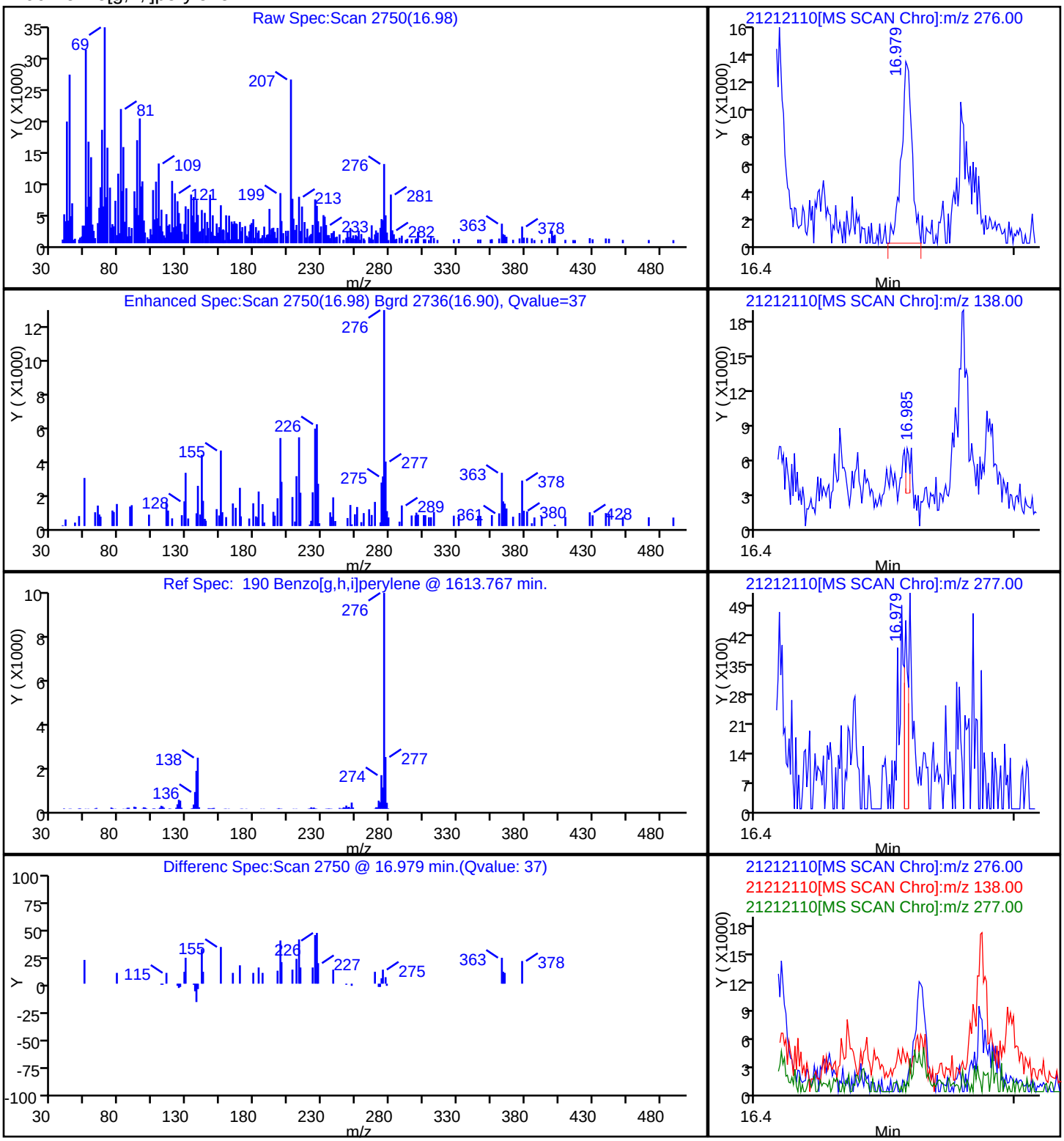
Report Date: 13-Dec-2012 09:50:05 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121212-15768.b\21212110.D

Injection Date:	12-Dec-2012 14:22:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SD-0010-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	68349	Lims Sample ID:	10
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

190 Benzo[g,h,i]perylene



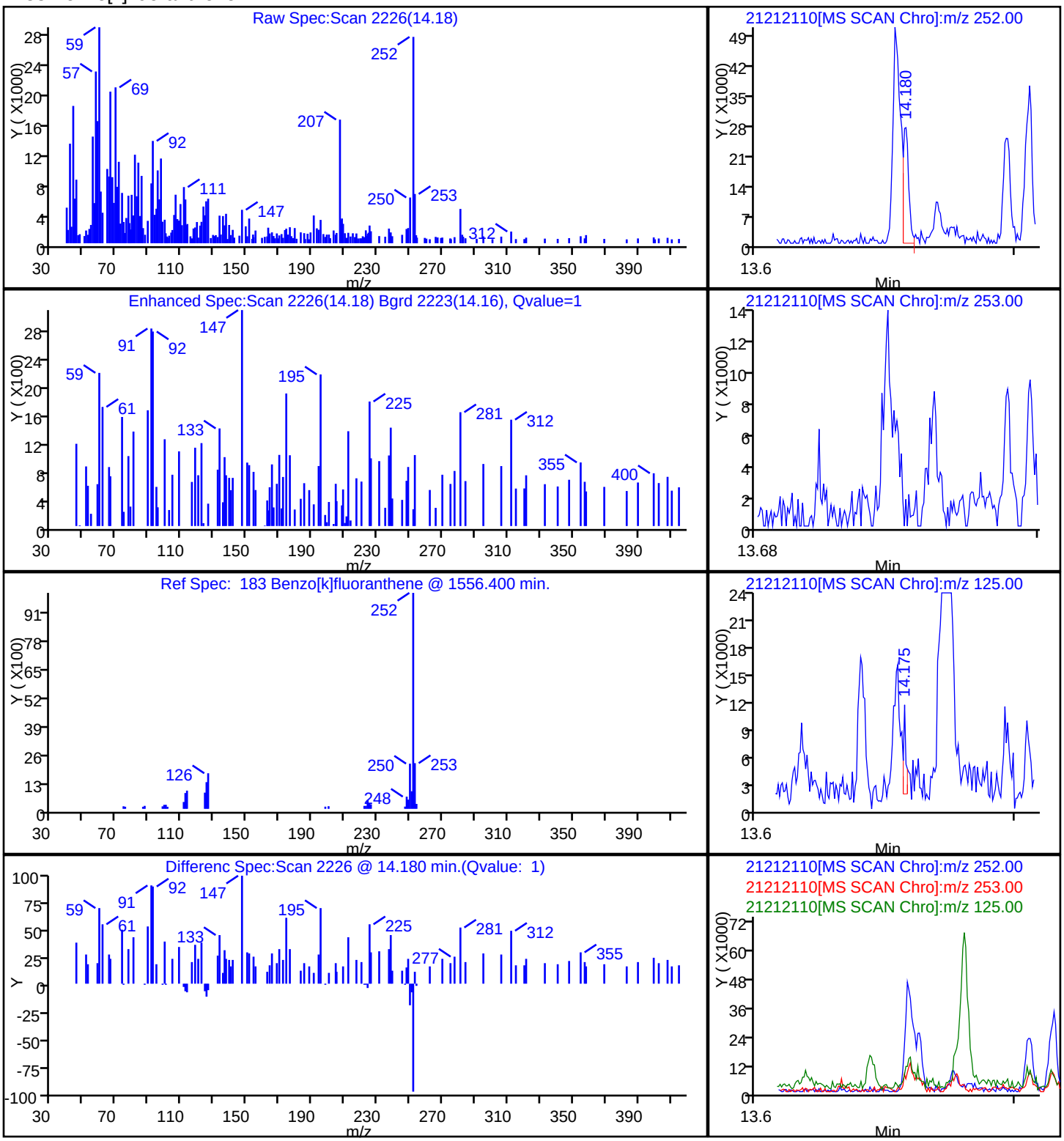
Report Date: 13-Dec-2012 09:50:05 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121212-15768.b\21212110.D

Injection Date:	12-Dec-2012 14:22:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SD-0010-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	68349	Lims Sample ID:	10
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

183 Benzo[k]fluoranthene



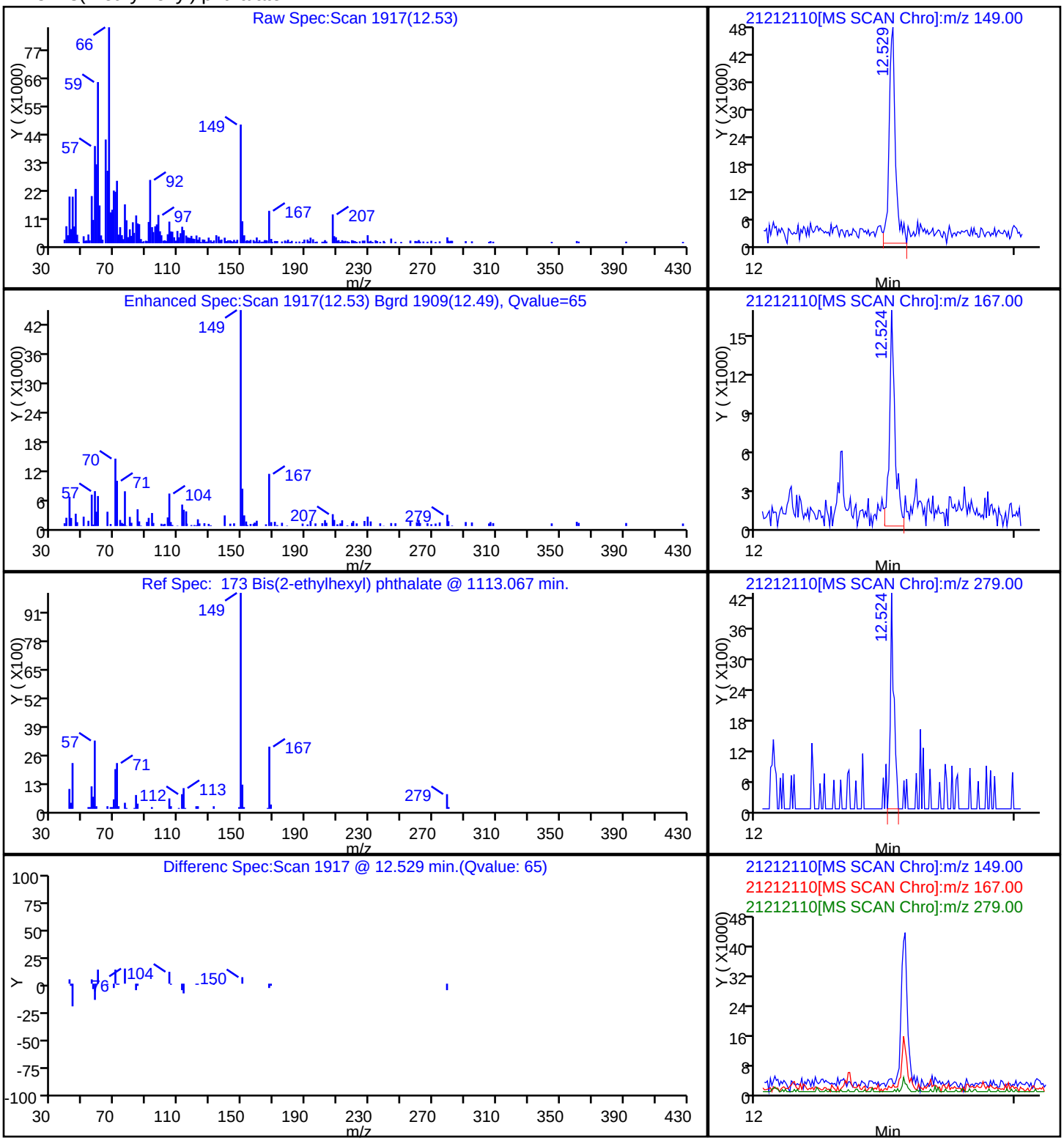
Report Date: 13-Dec-2012 09:50:05 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121212-15768.b\21212110.D

Injection Date:	12-Dec-2012 14:22:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SD-0010-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	68349	Lims Sample ID:	10
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

173 Bis(2-ethylhexyl) phthalate



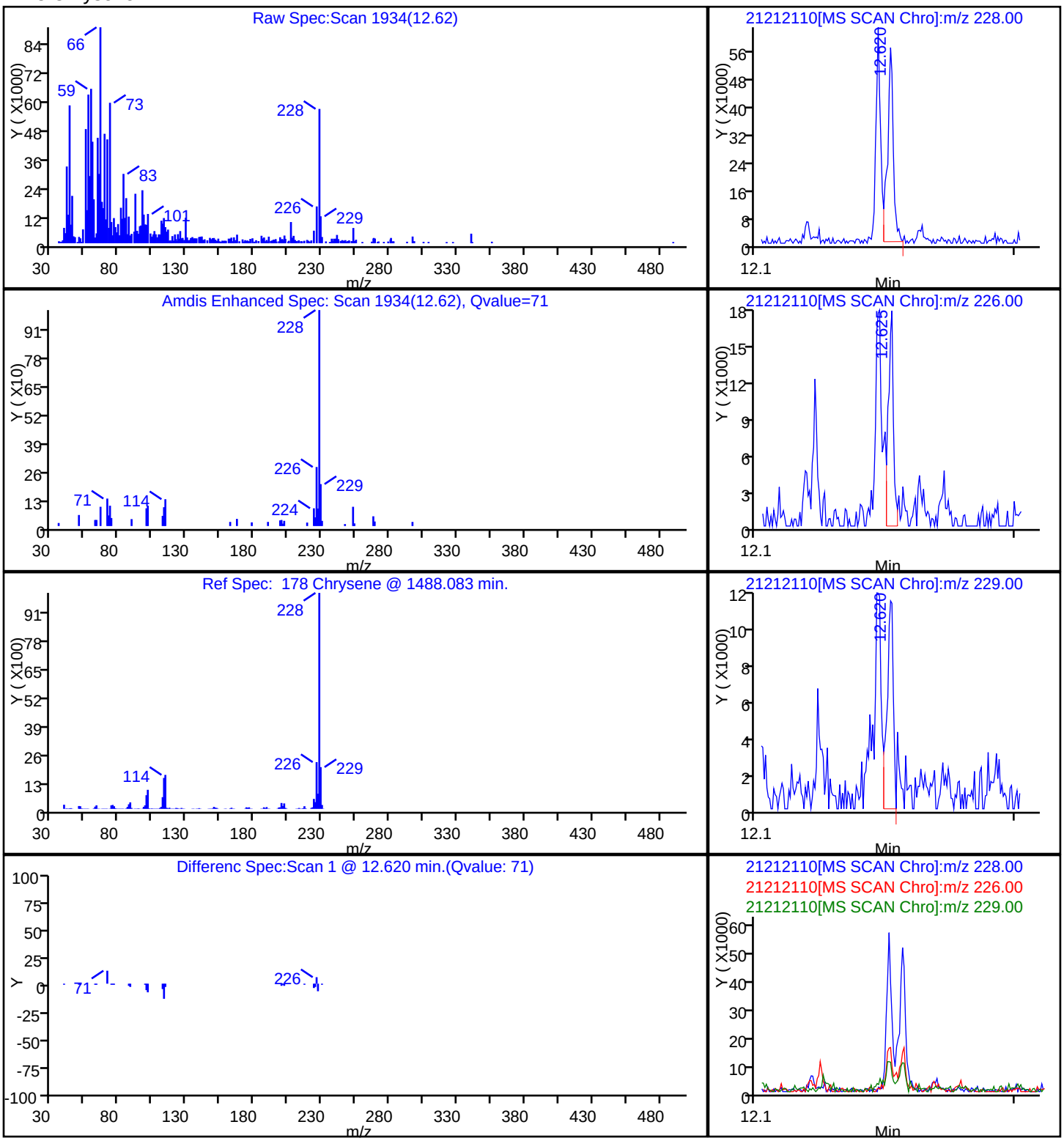
Report Date: 13-Dec-2012 09:50:05 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121212-15768.b\21212110.D

Injection Date:	12-Dec-2012 14:22:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SD-0010-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	68349	Lims Sample ID:	10
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

178 Chrysene

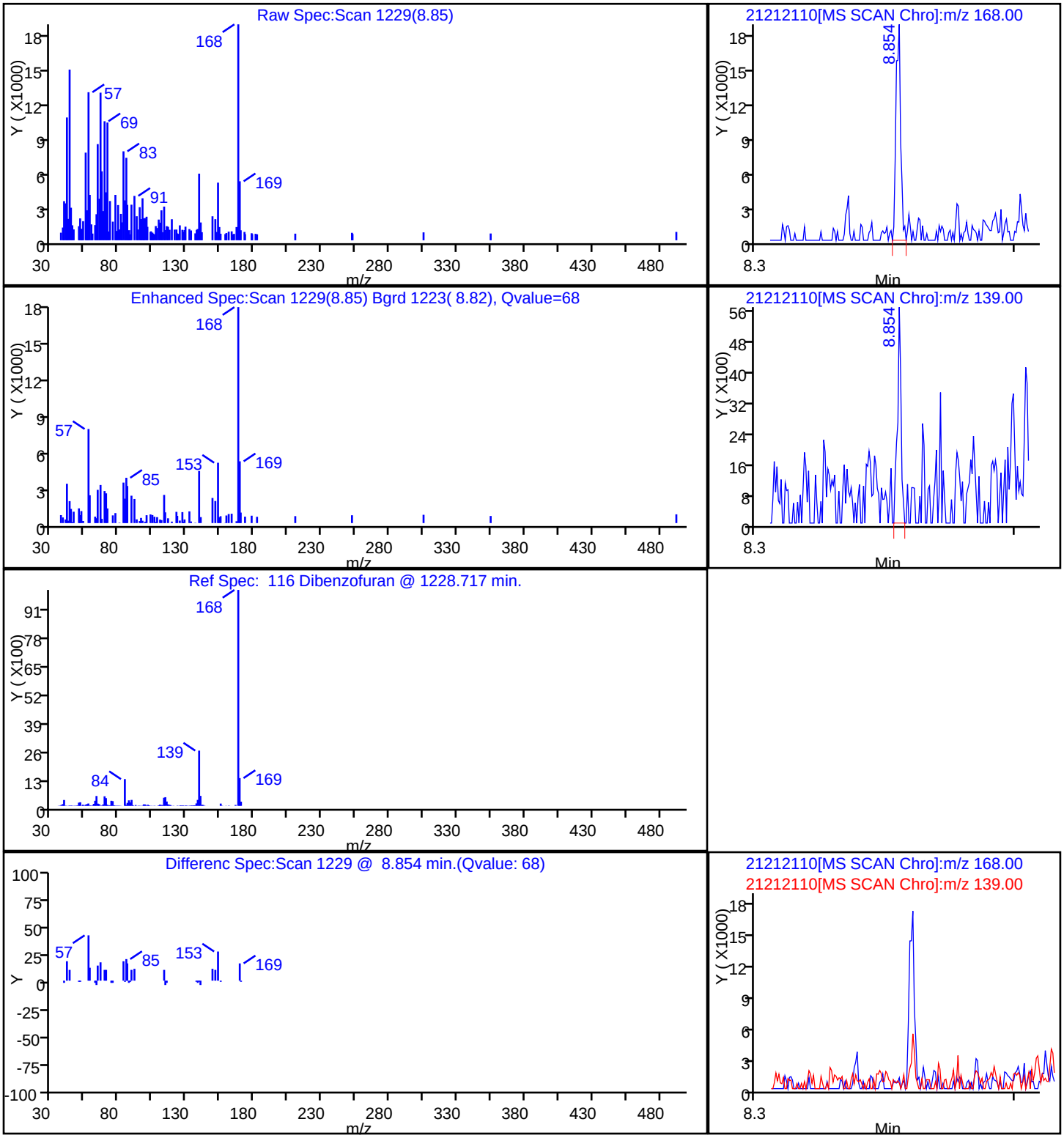


Report Date: 13-Dec-2012 09:50:05 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121212-15768.b\21212110.D		
Injection Date:	12-Dec-2012 14:22:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SD-0010-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	68349	Lims Sample ID:	10
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

116 Dibenzofuran



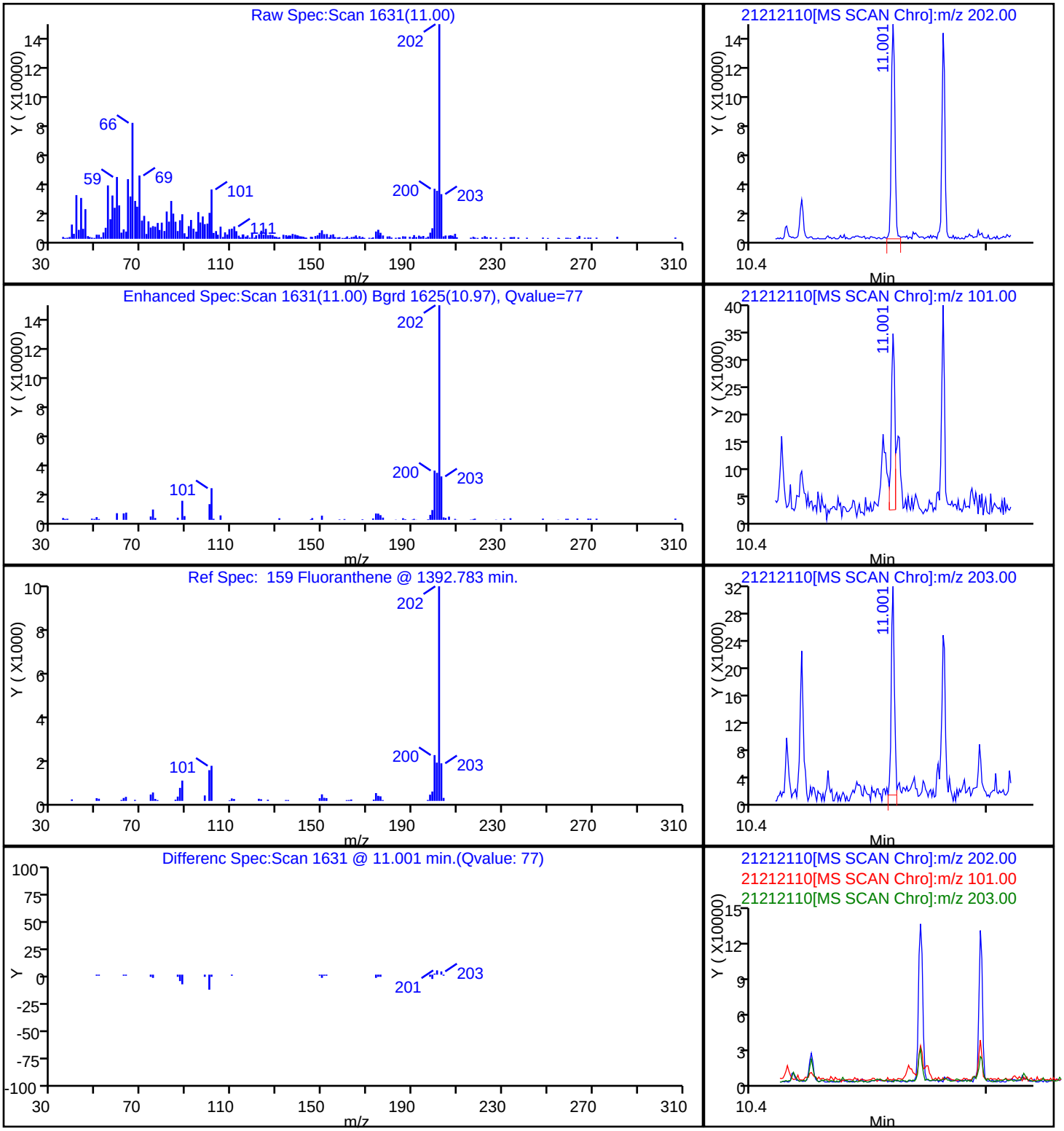
Report Date: 13-Dec-2012 09:50:05 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121212-15768.b\21212110.D

Injection Date:	12-Dec-2012 14:22:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SD-0010-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	68349	Lims Sample ID:	10
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

159 Fluoranthene



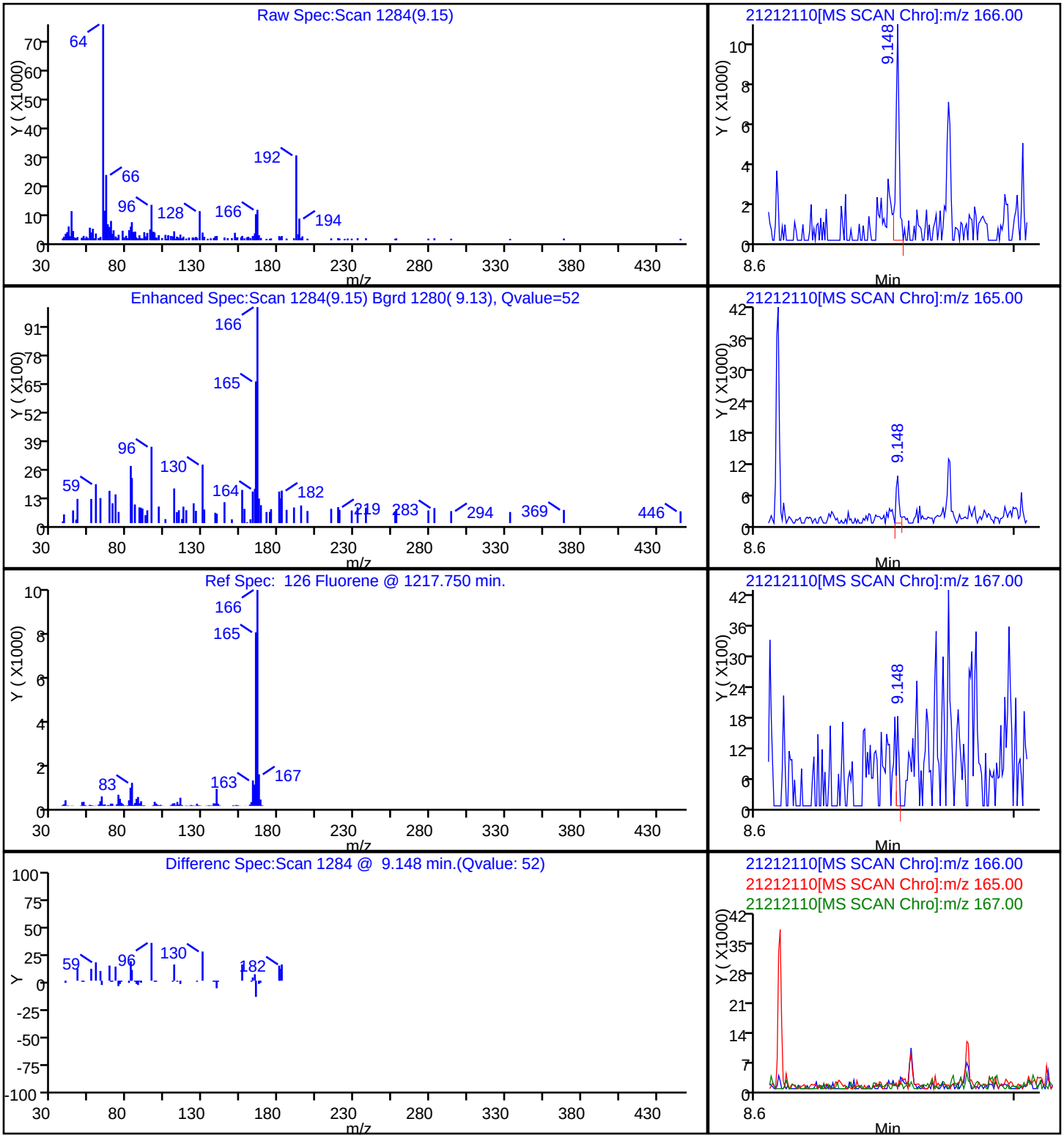
Report Date: 13-Dec-2012 09:50:05 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121212-15768.b\21212110.D

Injection Date:	12-Dec-2012 14:22:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SD-0010-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	68349	Lims Sample ID:	10
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

126 Fluorene

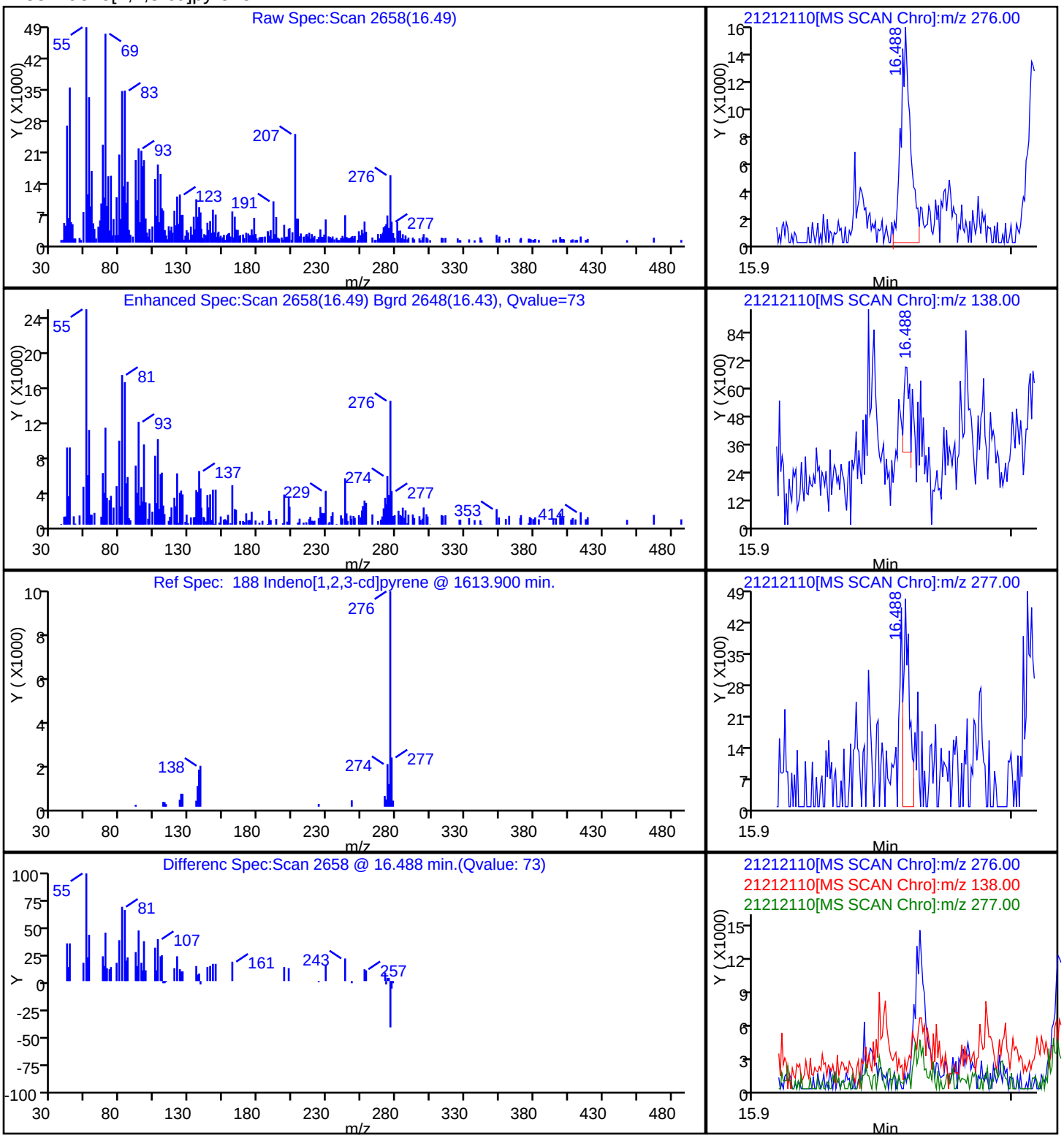


Report Date: 13-Dec-2012 09:50:05 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121212-15768.b\21212110.D		
Injection Date:	12-Dec-2012 14:22:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SD-0010-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	68349	Lims Sample ID:	10
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

188 Indeno[1,2,3-cd]pyrene



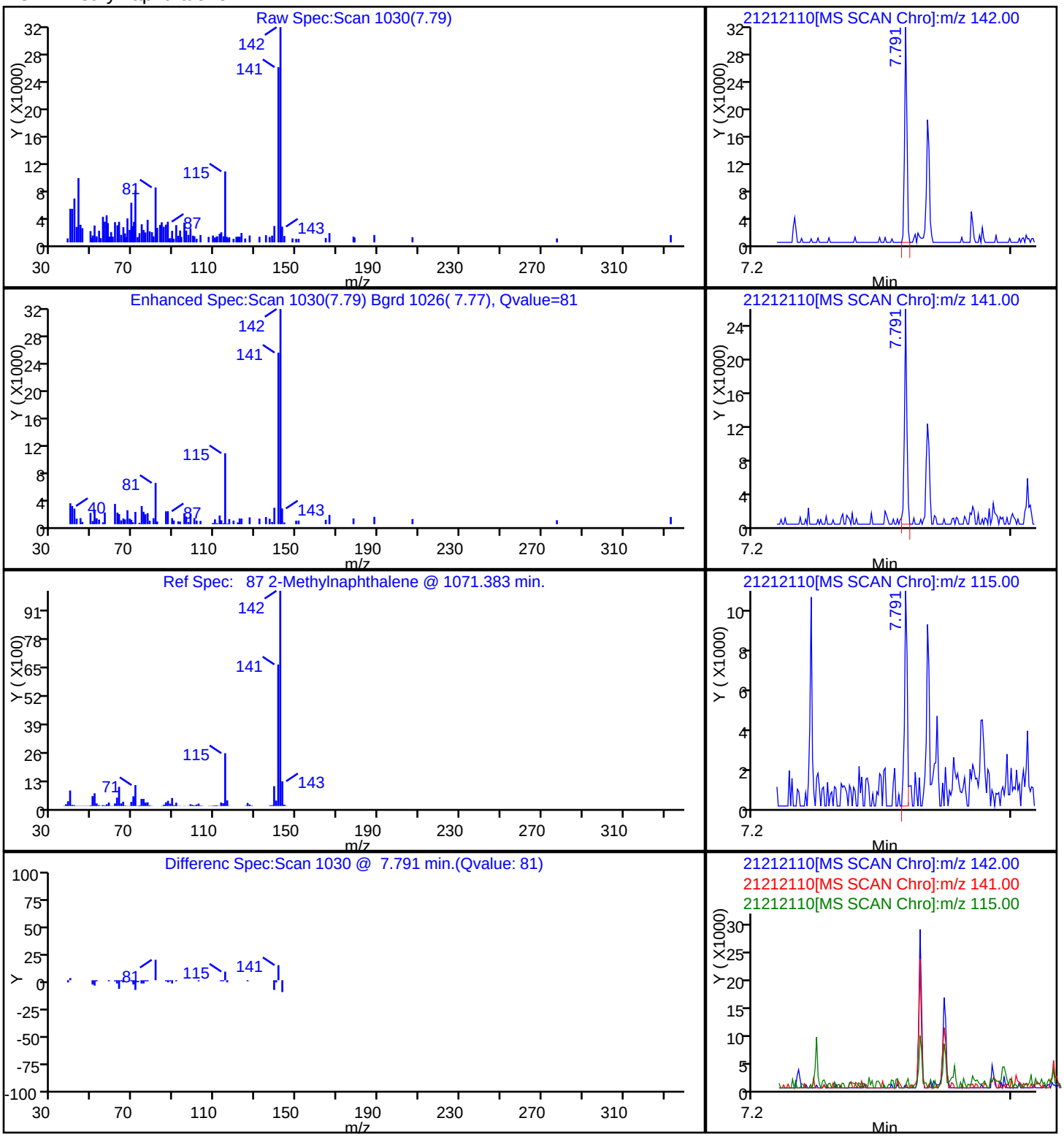
Report Date: 13-Dec-2012 09:50:04 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121212-15768.b\21212110.D

Injection Date:	12-Dec-2012 14:22:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SD-0010-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	68349	Lims Sample ID:	10
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

87 2-Methylnaphthalene



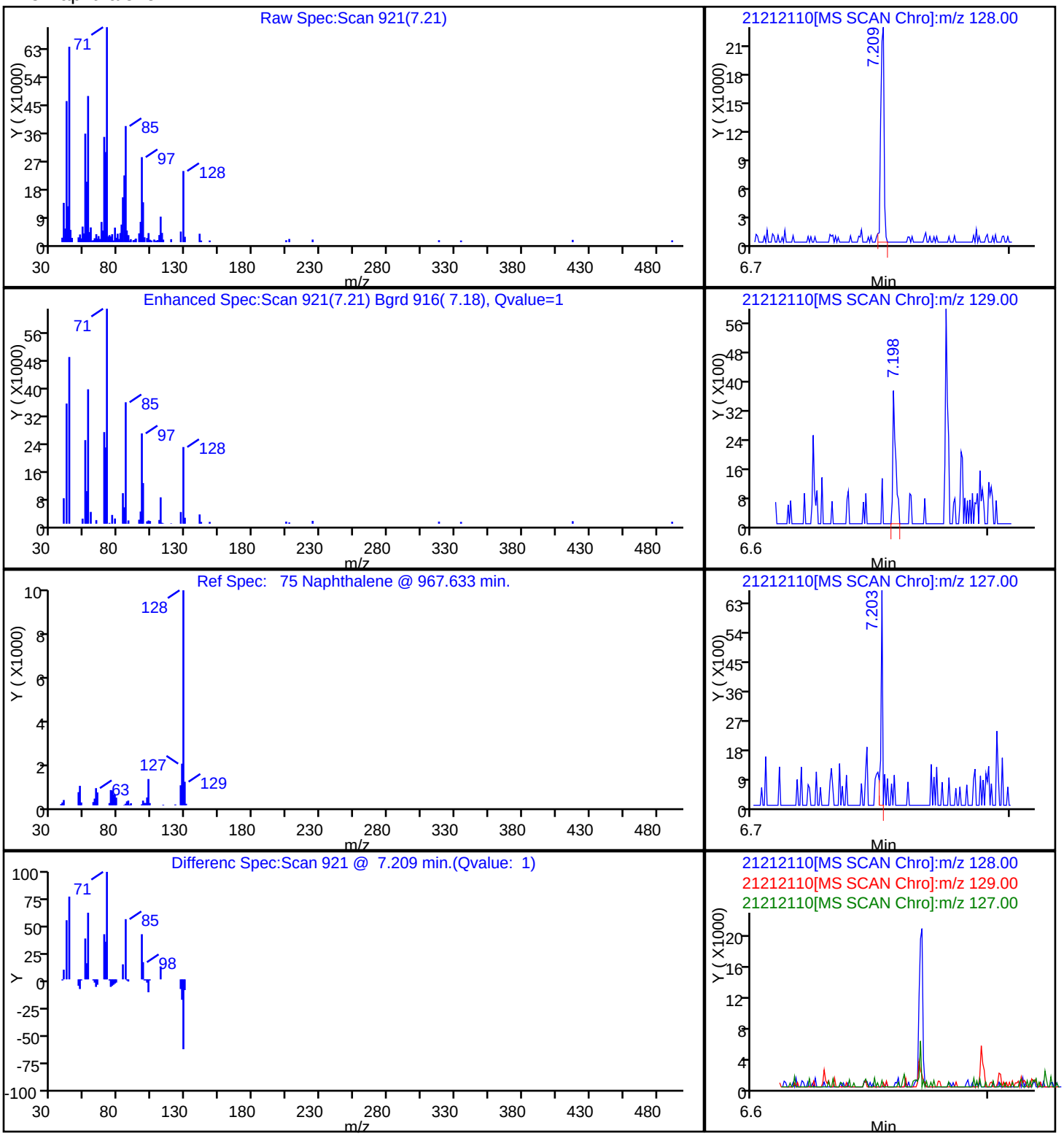
Report Date: 13-Dec-2012 09:50:04 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121212-15768.b\21212110.D

Injection Date:	12-Dec-2012 14:22:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SD-0010-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	68349	Lims Sample ID:	10
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

75 Naphthalene



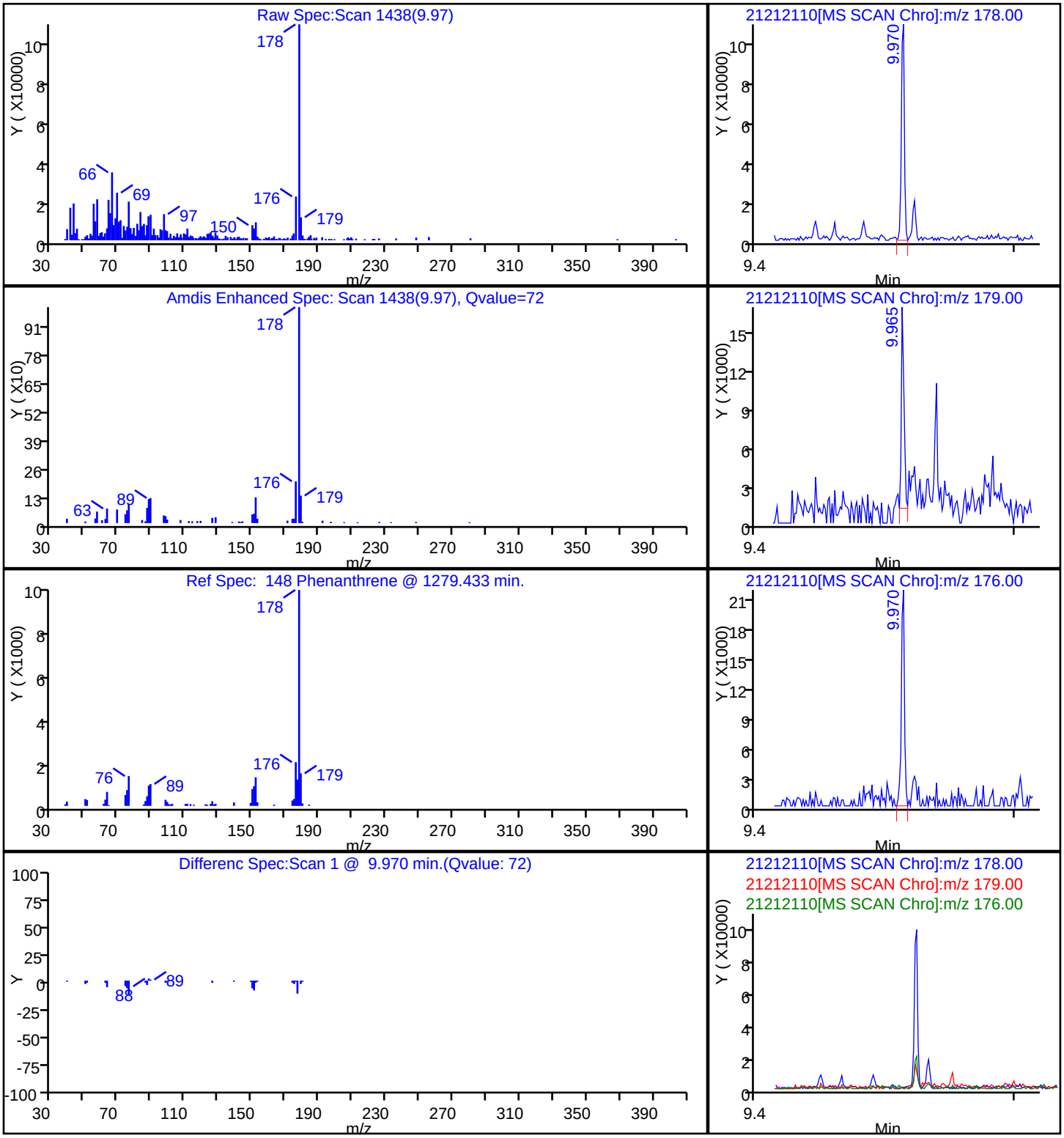
Report Date: 13-Dec-2012 09:50:05 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121212-15768.b\21212110.D

Injection Date:	12-Dec-2012 14:22:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SD-0010-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	68349	Lims Sample ID:	10
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

148 Phenanthrene



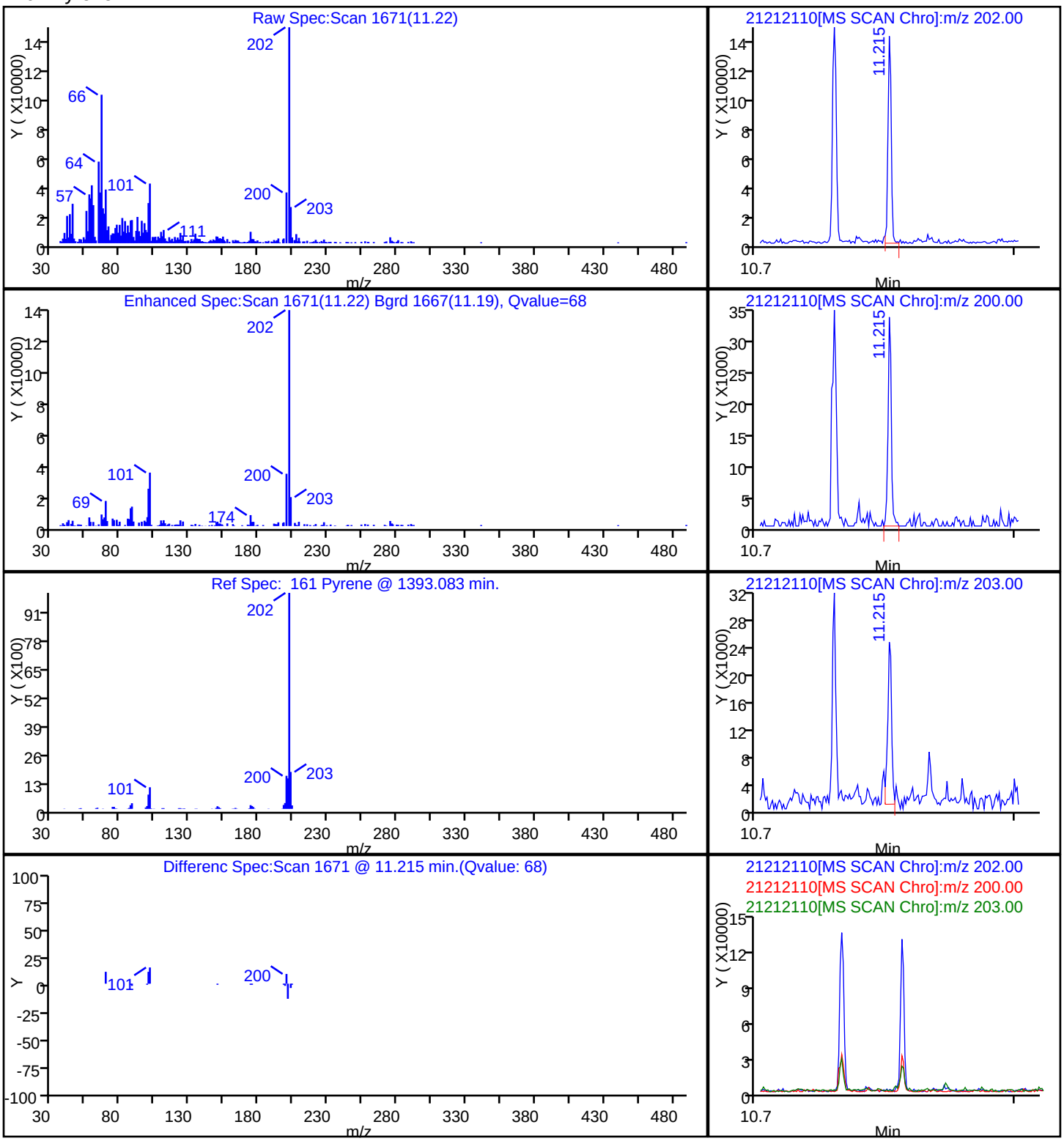
Report Date: 13-Dec-2012 09:50:05 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121212-15768.b\21212110.D

Injection Date:	12-Dec-2012 14:22:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SD-0010-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	68349	Lims Sample ID:	10
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

161 Pyrene



Report Date: 13-Dec-2012 09:50:05 Chrom Revision: 2.0 27-Nov-2012 13:14:12

Manual Integration/User Assign Peak Report

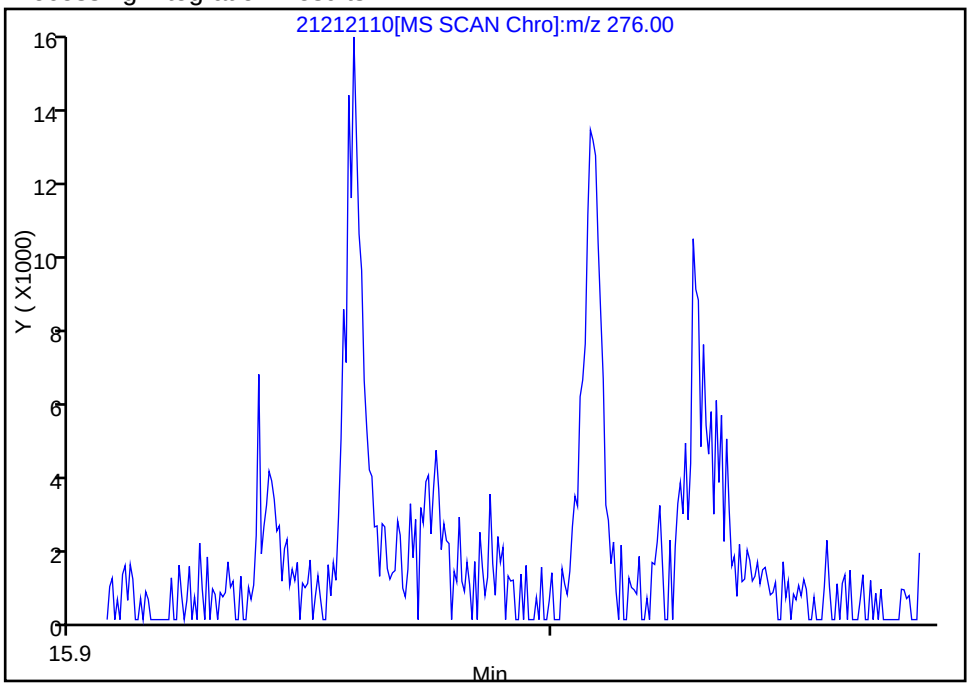
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121212-15768.b\21212110.D		
Injection Date:	12-Dec-2012 14:22:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SD-0010-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	68349	Lims Sample ID:	10
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

190 Benzo[g,h,i]perylene, Signal: 1, m/z: 276.0 Type: quant, RT: 16.97

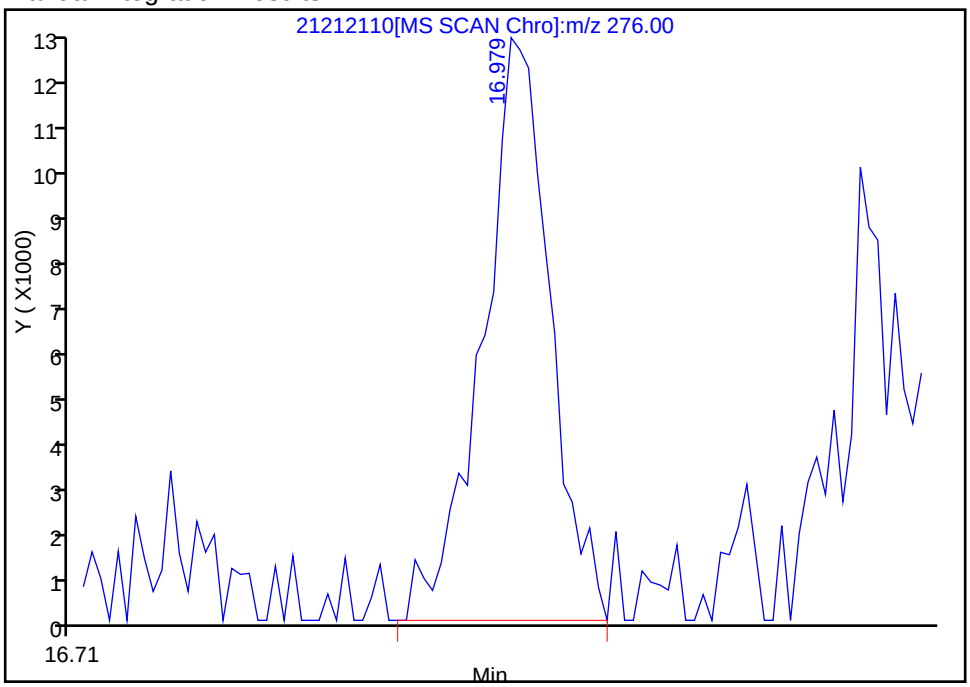
Processing Integration Results

Not Detected
Expected RT: 16.97



Manual Integration Results

RT: 16.98
Response: 36679
Amount: 0.460824



Reviewer: ulmanm, 12-Dec-2012 15:05:44
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

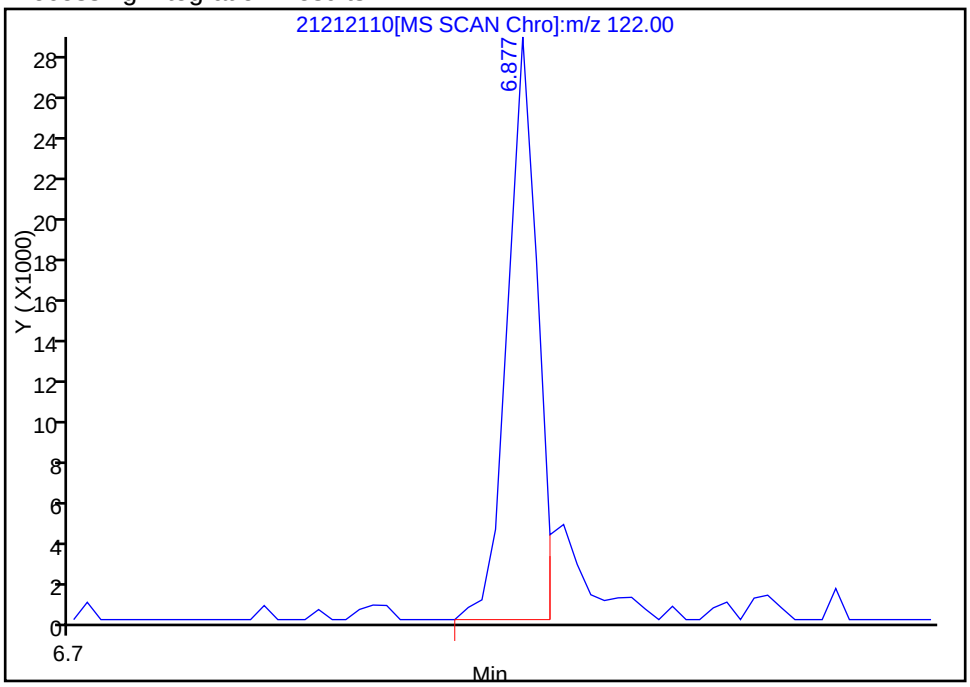
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121212-15768.b\21212110.D		
Injection Date:	12-Dec-2012 14:22:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SD-0010-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	68349	Lims Sample ID:	10
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

71 Benzoic acid, Signal: 1, m/z: 122.0 Type: quant, RT: 6.91

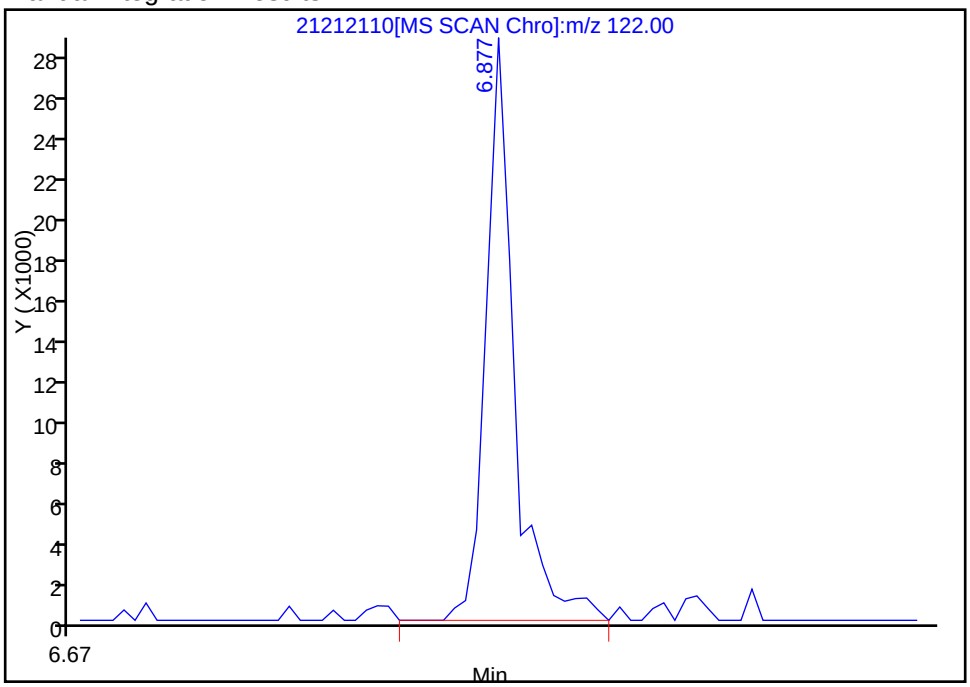
Processing Integration Results

RT: 6.88
Response: 23667
Amount: 2.155954



Manual Integration Results

RT: 6.88
Response: 27640
Amount: 2.340530



Reviewer: ulmanm, 12-Dec-2012 15:05:44
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: 076SD-0011-0001-SO | Lab Sample ID: 240-17317-21

Matrix: Solid | Lab File ID: 21213109.D

Analysis Method: 8270C/DoD | Date Collected: 11/06/2012 18:25

Extract. Method: 3540C | Date Extracted: 11/16/2012 13:26

Sample wt/vol: 29.93(g) | Date Analyzed: 12/13/2012 18:03

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 68588 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	5.9	J	6.7	3.3	3.3
208-96-8	Acenaphthylene	7.7		6.7	3.3	3.3
120-12-7	Anthracene	11		6.7	3.3	3.3
56-55-3	Benzo[a]anthracene	51		6.7	3.3	3.3
50-32-8	Benzo[a]pyrene	68		6.7	3.3	3.3
205-99-2	Benzo[b]fluoranthene	100		6.7	3.3	3.3
191-24-2	Benzo[g,h,i]perylene	29	M	6.7	3.3	3.3
65-85-0	Benzoic acid	330	U	660	330	330
207-08-9	Benzo[k]fluoranthene	35		6.7	3.3	3.3
100-51-6	Benzyl alcohol	27	U	330	27	21
111-91-1	Bis(2-chloroethoxy)methane	27	U	100	27	22
111-44-4	Bis(2-chloroethyl)ether	3.3	U	100	3.3	2.0
108-60-1	bis (2-chloroisopropyl) ether	27	U	100	27	9.5
117-81-7	Bis(2-ethylhexyl) phthalate	50		50	27	19
101-55-3	4-Bromophenyl phenyl ether	27	U	50	27	13
85-68-7	Butyl benzyl phthalate	27	U	50	27	10
86-74-8	Carbazole	27	U	50	27	27
106-47-8	4-Chloroaniline	27	U	150	27	17
59-50-7	4-Chloro-3-methylphenol	27	U	150	27	21
91-58-7	2-Chloronaphthalene	3.3	U	50	3.3	3.3
95-57-8	2-Chlorophenol	27	U	50	27	27
7005-72-3	4-Chlorophenyl phenyl ether	27	U	50	27	13
218-01-9	Chrysene	79		6.7	3.3	1.1
53-70-3	Dibenz(a,h)anthracene	3.3	U	6.7	3.3	3.3
132-64-9	Dibenzofuran	33	J	50	3.3	3.3
106-46-7	1,4-Dichlorobenzene	76		50	27	20
95-50-1	1,2-Dichlorobenzene	27	U	50	27	9.7
541-73-1	1,3-Dichlorobenzene	27	U	50	27	11
91-94-1	3,3'-Dichlorobenzidine	80	U	100	80	18
120-83-2	2,4-Dichlorophenol	27	U	150	27	20
84-66-2	Diethyl phthalate	27	U	50	27	16
105-67-9	2,4-Dimethylphenol	80	U	150	80	20
131-11-3	Dimethyl phthalate	27	U	50	27	17
84-74-2	Di-n-butyl phthalate	21	J	50	27	15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: 076SD-0011-0001-SO | Lab Sample ID: 240-17317-21

Matrix: Solid | Lab File ID: 21213109.D

Analysis Method: 8270C/DoD | Date Collected: 11/06/2012 18:25

Extract. Method: 3540C | Date Extracted: 11/16/2012 13:26

Sample wt/vol: 29.93(g) | Date Analyzed: 12/13/2012 18:03

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 68588 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	80	U	150	80	80
51-28-5	2,4-Dinitrophenol	80	U	330	80	80
121-14-2	2,4-Dinitrotoluene	27	U	200	27	27
606-20-2	2,6-Dinitrotoluene	27	U	200	27	21
117-84-0	Di-n-octyl phthalate	27	U	50	27	27
206-44-0	Fluoranthene	120		6.7	3.3	3.3
86-73-7	Fluorene	6.7		6.7	3.3	3.3
118-74-1	Hexachlorobenzene	3.3	U	6.7	3.3	2.1
87-68-3	Hexachlorobutadiene	27	U	50	27	27
77-47-4	Hexachlorocyclopentadiene	27	U	330	27	27
67-72-1	Hexachloroethane	27	U	50	27	9.0
193-39-5	Indeno[1,2,3-cd]pyrene	30	M	6.7	3.3	3.3
78-59-1	Isophorone	20	J	50	27	13
91-57-6	2-Methylnaphthalene	35		6.7	3.3	3.3
95-48-7	2-Methylphenol	80	U	200	80	80
15831-10-4	3 & 4 Methylphenol	80	U	400	80	20
91-20-3	Naphthalene	48		6.7	3.3	3.3
88-74-4	2-Nitroaniline	27	U	200	27	9.1
99-09-2	3-Nitroaniline	80	U	200	80	16
100-01-6	4-Nitroaniline	27	U	200	27	26
98-95-3	Nitrobenzene	3.3	U	100	3.3	2.2
88-75-5	2-Nitrophenol	27	U	50	27	27
100-02-7	4-Nitrophenol	80	U	330	80	80
621-64-7	N-Nitrosodi-n-propylamine	27	U	50	27	27
86-30-6	N-Nitrosodiphenylamine	27	U	50	27	21
87-86-5	Pentachlorophenol	84	J	150	80	80
85-01-8	Phenanthrene	87		6.7	3.3	3.3
108-95-2	Phenol	49	J	50	27	27
129-00-0	Pyrene	83		6.7	3.3	3.3
120-82-1	1,2,4-Trichlorobenzene	27	U	50	27	27
95-95-4	2,4,5-Trichlorophenol	27	U	150	27	25
88-06-2	2,4,6-Trichlorophenol	80	U	150	80	80

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: 076SD-0011-0001-SO | Lab Sample ID: 240-17317-21

Matrix: Solid | Lab File ID: 21213109.D

Analysis Method: 8270C/DoD | Date Collected: 11/06/2012 18:25

Extract. Method: 3540C | Date Extracted: 11/16/2012 13:26

Sample wt/vol: 29.93(g) | Date Analyzed: 12/13/2012 18:03

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 68588 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	50		45-105
367-12-4	2-Fluorophenol (Surr)	72		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	54		35-100
1718-51-0	Terphenyl-d14 (Surr)	64		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	75		35-125
4165-62-2	Phenol-d5 (Surr)	72		40-100

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121213-15814.b\21213109.D
Lims ID: 240-17317-A-21-D Client ID: 076SD-0011-0001-SO
Inject. Date: 13-Dec-2012 18:03:30 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0015814-009
Misc. Info.: 240-17317-A-21-D =240-17317-A-21-D
Operator: 001574 Instrument ID: A4HP9
Injection Vol: 1.0 ul ALS Bottle#: 9
Lims Batch ID: 68588 Lims Sample ID: 9
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121213-15814.b\8270 _9.m
Last Update: 14-Dec-2012 09:41:11 Calib Date: 13-Dec-2012 11:31:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121213-15797.b\21213010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: 5% phenyl Column Dia: 0.18 mm
Process Host: XAWRK024

First Level Reviewer: ulmanm Date: 14-Dec-2012 09:03:38

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	6.049	6.046	0.003	91	93576	4.00	
* 2 Naphthalene-d8	136	7.155	7.158	-0.003	98	379867	4.00	
* 3 Acenaphthene-d10	164	8.656	8.653	0.003	66	235241	4.00	
* 4 Phenanthrene-d10	188	9.917	9.919	-0.002	78	389154	4.00	
* 5 Chrysene-d12	240	12.540	12.537	0.003	78	394238	4.00	
* 6 Perylene-d12	264	14.687	14.685	0.002	83	261824	4.00	
$ 7 2-Fluorophenol	112	4.836	4.809	0.027	89	370894	10.8	
$ 8 Phenol-d5	99	5.691	5.686	0.005	0	538829	10.9	
$ 9 Nitrobenzene-d5	82	6.530	6.530	0.0	81	349419	5.42	
$ 10 2-Fluorobiphenyl (Surr)	172	8.063	8.063	0.0	98	449707	4.96	
$ 11 2,4,6-Tribromophenol	330	9.318	9.318	0.0	70	79959	11.2	
$ 12 Terphenyl-d14	244	11.295	11.295	0.0	97	503035	6.35	
43 Phenol	94	5.702	5.696	0.006	88	41707	0.7378	
69 Bis(2-chloroethyl)ether	93		5.798					9
46 2-Chlorophenol	128		5.857					9
47 1,3-Dichlorobenzene	146		5.995					
48 1,4-Dichlorobenzene	146	6.065	6.060	0.005	70	40259	1.14	
49 Benzyl alcohol	108		6.150					
50 1,2-Dichlorobenzene	146		6.198					
51 2-Methylphenol	108		6.236					
53 2,2'-oxybis[1-chloropropane]	45		6.273					
21 3 & 4 Methylphenol	108		6.364					9
57 N-Nitrosodi-n-propylamine	70		6.380					
61 Hexachloroethane	117		6.498					9
62 Nitrobenzene	77		6.546					
64 Isophorone	82	6.743	6.743	0.0	85	29826	0.2975	
66 2-Nitrophenol	139		6.818					9
65 2,4-Dimethylphenol	107		6.834					
71 Benzoic acid	122	6.856	6.888	-0.032	79	29892	2.48	
70 Bis(2-chloroethoxy)methane	93		6.920					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
73 2,4-Dichlorophenol	162		7.021					
74 1,2,4-Trichlorobenzene	180		7.101					9
75 Naphthalene	128	7.176	7.176	0.0	73	69268	0.7151	
76 4-Chloroaniline	127		7.208					9
79 Hexachlorobutadiene	225		7.272					
86 4-Chloro-3-methylphenol	107		7.598					
87 2-Methylnaphthalene	142	7.764	7.764	0.0	87	33862	0.5199	
89 Hexachlorocyclopentadiene	237		7.892					
92 2,4,6-Trichlorophenol	196		7.993					
93 2,4,5-Trichlorophenol	196		8.025					
100 2-Chloronaphthalene	162		8.180					9
102 2-Nitroaniline	65		8.250					
105 Dimethyl phthalate	163		8.389					
107 2,6-Dinitrotoluene	165		8.447					
109 Acenaphthylene	152	8.538	8.538	0.0	82	11756	0.1148	
110 3-Nitroaniline	138		8.597					9
112 Acenaphthene	153	8.683	8.683	0.0	66	5876	0.0889	
111 2,4-Dinitrophenol	184		8.683					
113 4-Nitrophenol	109		8.709					
114 2,4-Dinitrotoluene	165		8.789					9
116 Dibenzofuran	168	8.827	8.827	0.0	83	44987	0.5002	
121 Diethyl phthalate	149		8.982					
123 4-Chlorophenyl phenyl ether	204		9.099					9
125 4-Nitroaniline	138		9.115					
126 Fluorene	166	9.121	9.121	0.0	64	7545	0.0997	
128 4,6-Dinitro-2-methylphenol	198		9.137					
131 N-Nitrosodiphenylamine	169		9.195					
139 4-Bromophenyl phenyl ether	248		9.521					
141 Hexachlorobenzene	284		9.585					
143 Pentachlorophenol	266	9.746	9.740	0.006	54	11280	1.26	
148 Phenanthrene	178	9.938	9.938	0.0	93	138539	1.30	
149 Anthracene	178	9.981	9.986	-0.005	24	17667	0.1721	
151 Carbazole	167		10.104					
154 Di-n-butyl phthalate	149	10.360	10.360	0.0	69	37530	0.3126	
159 Fluoranthene	202	10.969	10.958	0.011	75	200481	1.76	
161 Pyrene	202	11.183	11.177	0.006	73	146712	1.24	
168 Butyl benzyl phthalate	149		11.786					
175 3,3'-Dichlorobenzidine	252		12.465					
173 Bis(2-ethylhexyl) phthalate	149	12.481	12.481	0.0	12	52940	0.7413	
177 Benzo[a]anthracene	228	12.524	12.524	0.0	70	83620	0.7658	
178 Chrysene	228	12.577	12.577	0.0	71	119044	1.18	
180 Di-n-octyl phthalate	149		13.421					
182 Benzo[b]fluoranthene	252	14.084	14.083	0.001	75	126599	1.56	
183 Benzo[k]fluoranthene	252	14.121	14.126	-0.005	1	42569	0.5284	
184 Benzo[a]pyrene	252	14.602	14.596	0.006	65	74565	1.02	
188 Indeno[1,2,3-cd]pyrene	276	16.418	16.402	0.016	35	35670	0.4443	M
189 Dibenz(a,h)anthracene	278		16.429					9
190 Benzo[g,h,i]perylene	276	16.899	16.888	0.011	0	28808	0.4330	M

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

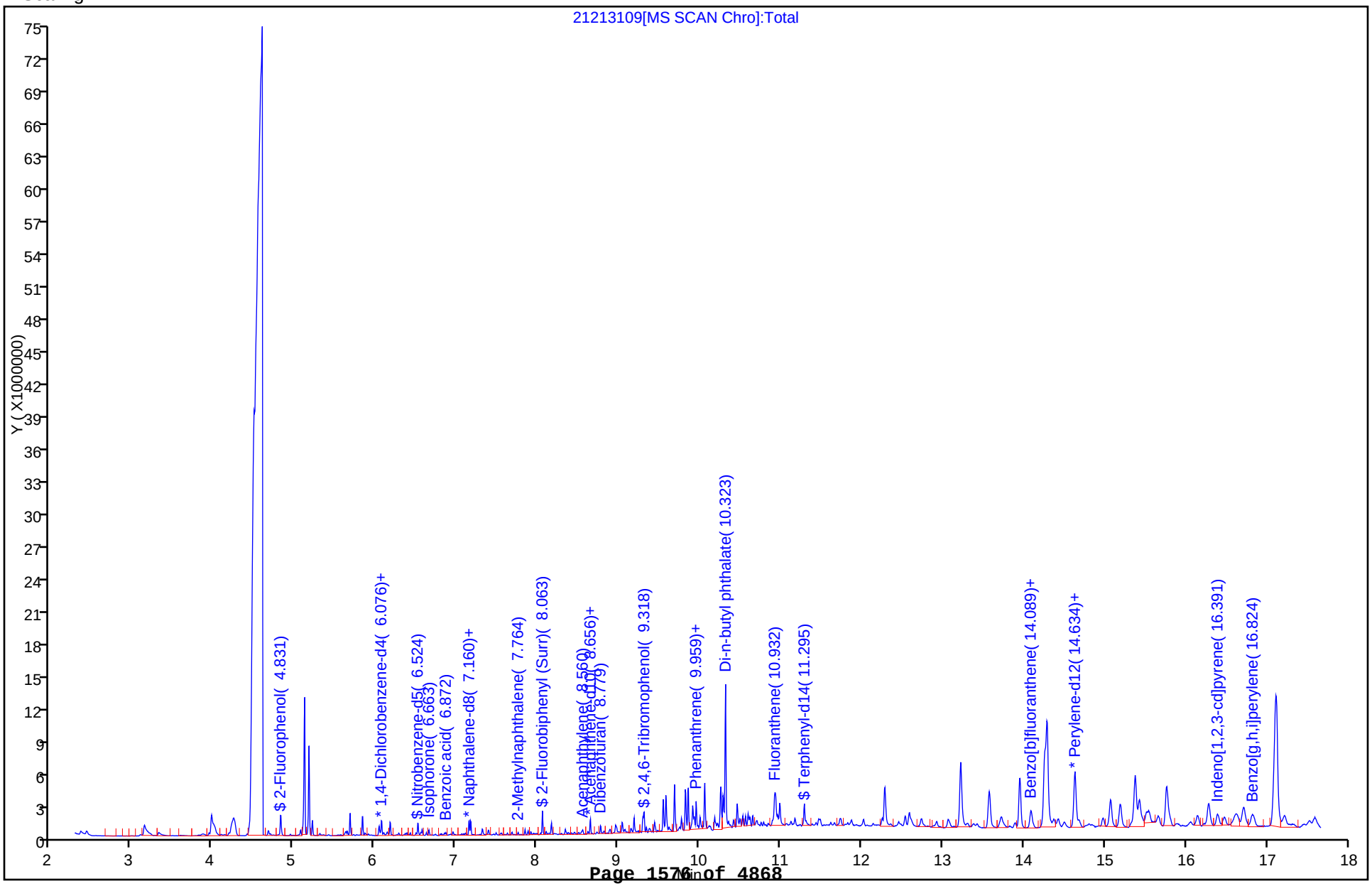
Review Flags
M - Manually Integrated

Report Date: 14-Dec-2012 09:41:15 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121213-15814.b\21213109.D		
Injection Date:	13-Dec-2012 18:03:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SD-0011-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	68588	Lims Sample ID:	9
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



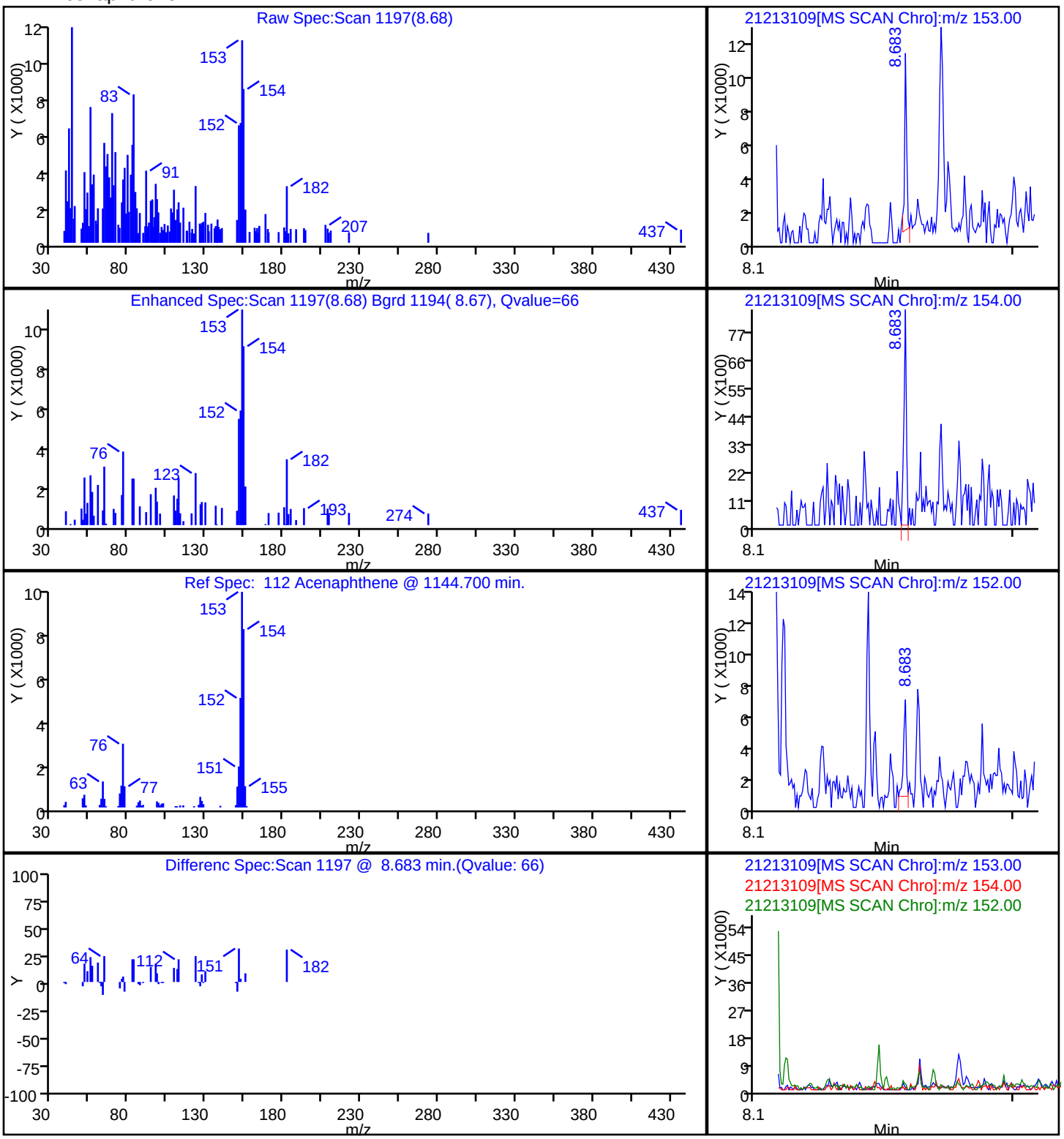
Report Date: 14-Dec-2012 09:41:15 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121213-15814.b\21213109.D

Injection Date:	13-Dec-2012 18:03:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SD-0011-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	68588	Lims Sample ID:	9
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

112 Acenaphthene



Report Date: 14-Dec-2012 09:41:15 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

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Injection Date:	13-Dec-2012 18:03:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SD-0011-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	68588	Lims Sample ID:	9
Operator ID:	001574	Injection Vol:	1.0 ul
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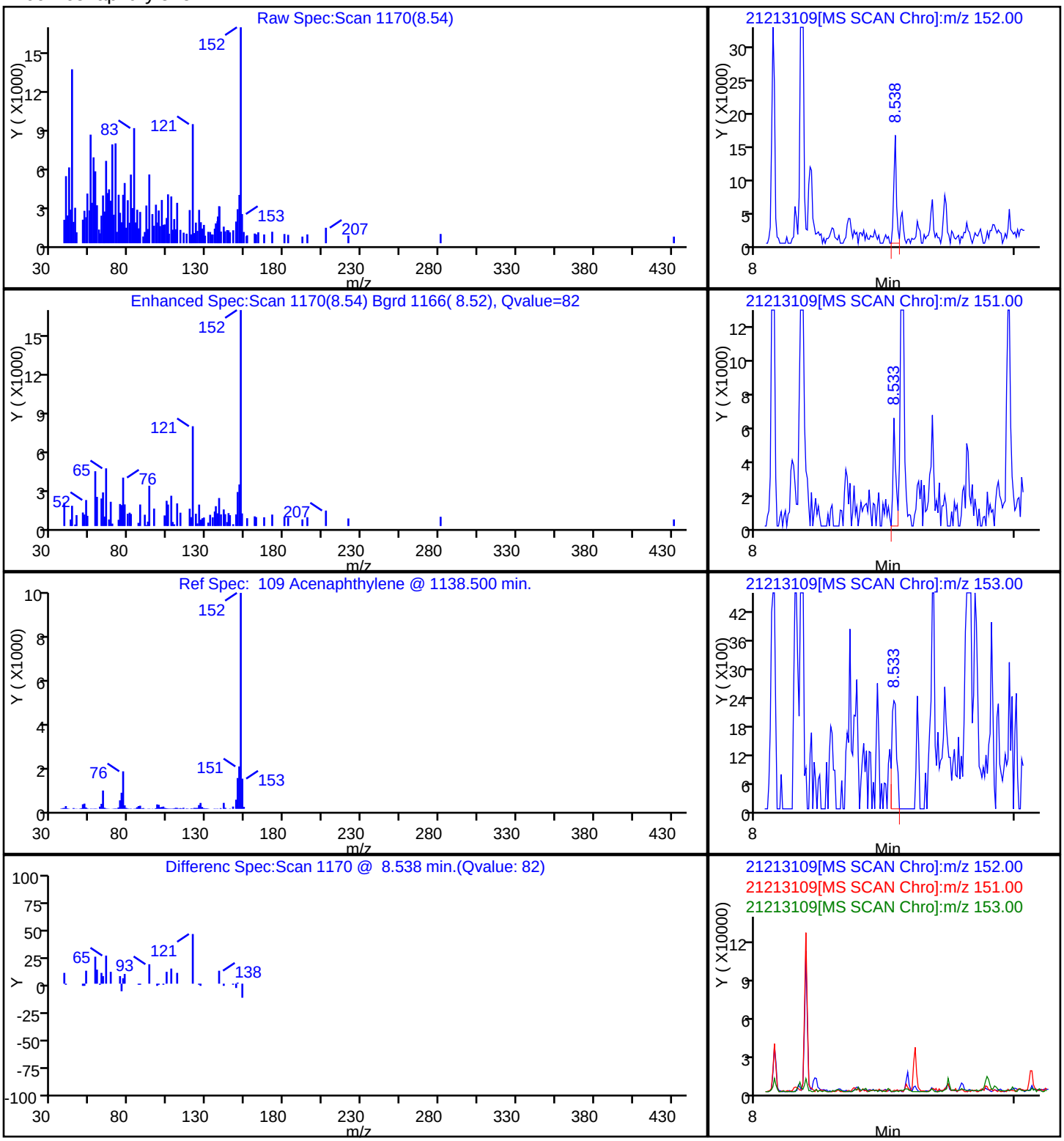
109 Acenaphthylene



Report Date: 14-Dec-2012 09:41:16 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

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Lims Batch ID:	68588	Lims Sample ID:	9
Operator ID:	001574	Injection Vol:	1.0 ul
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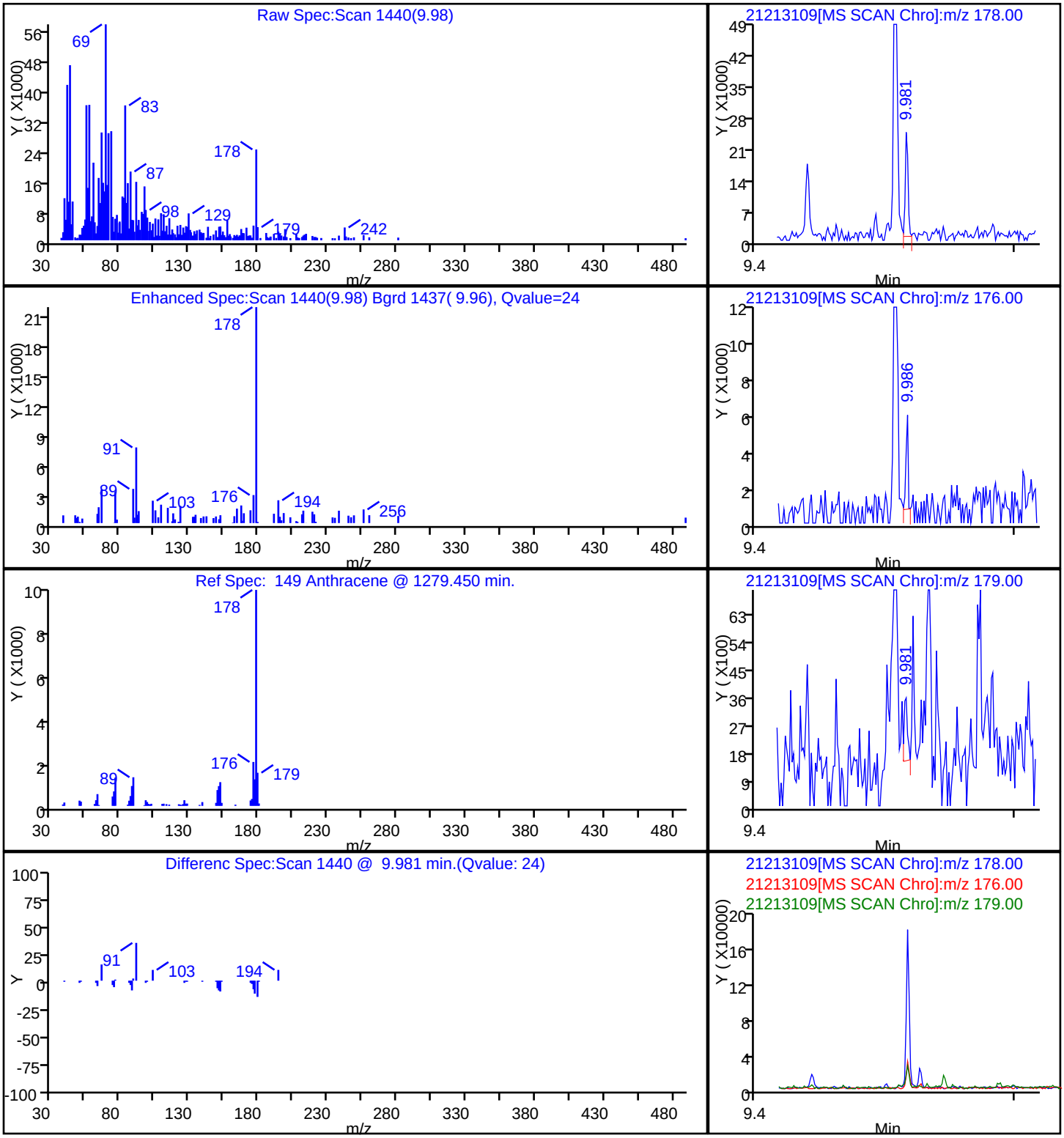
149 Anthracene



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Lims Batch ID:	68588	Lims Sample ID:	9
Operator ID:	001574	Injection Vol:	1.0 ul
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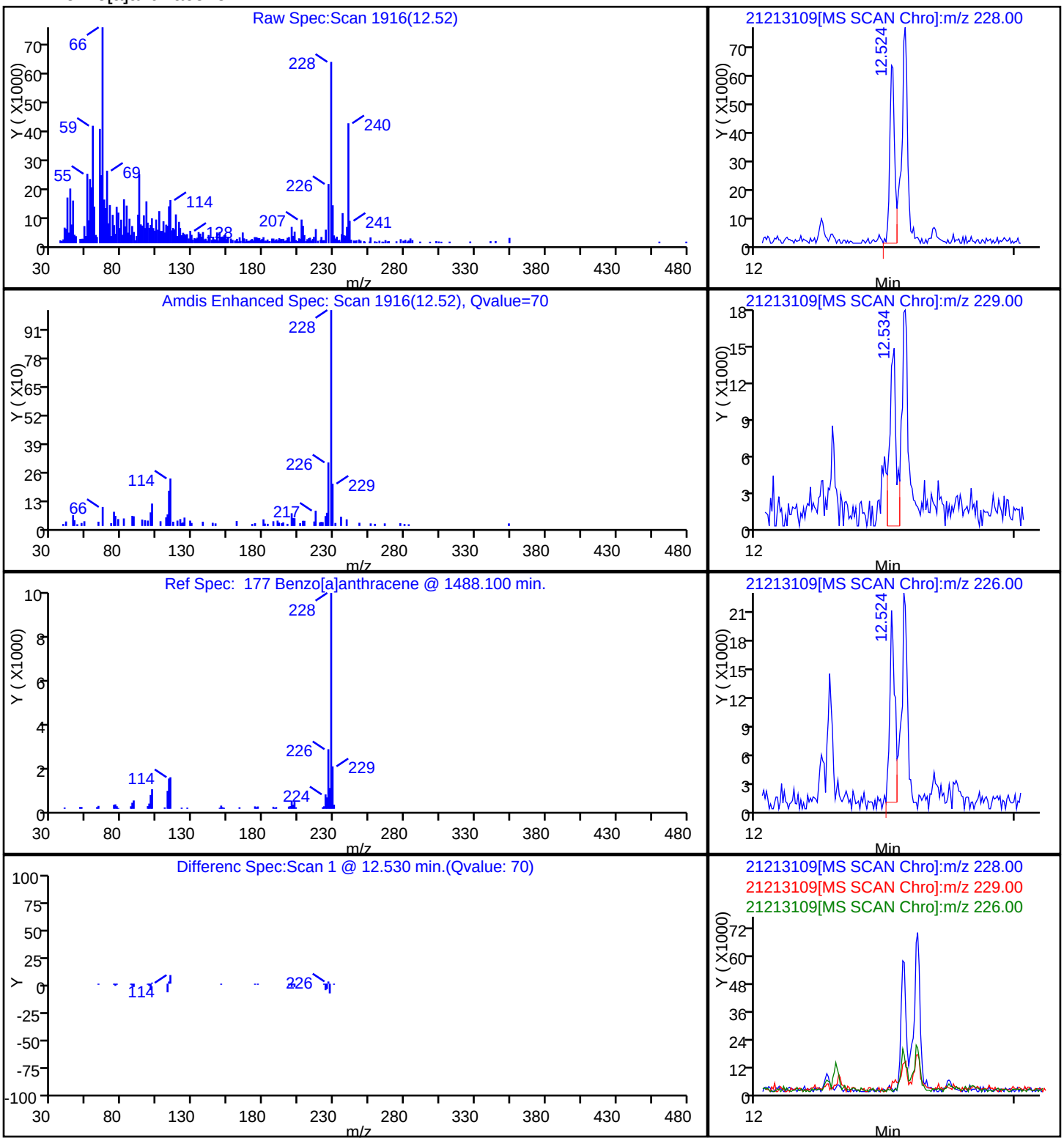
177 Benzo[a]anthracene



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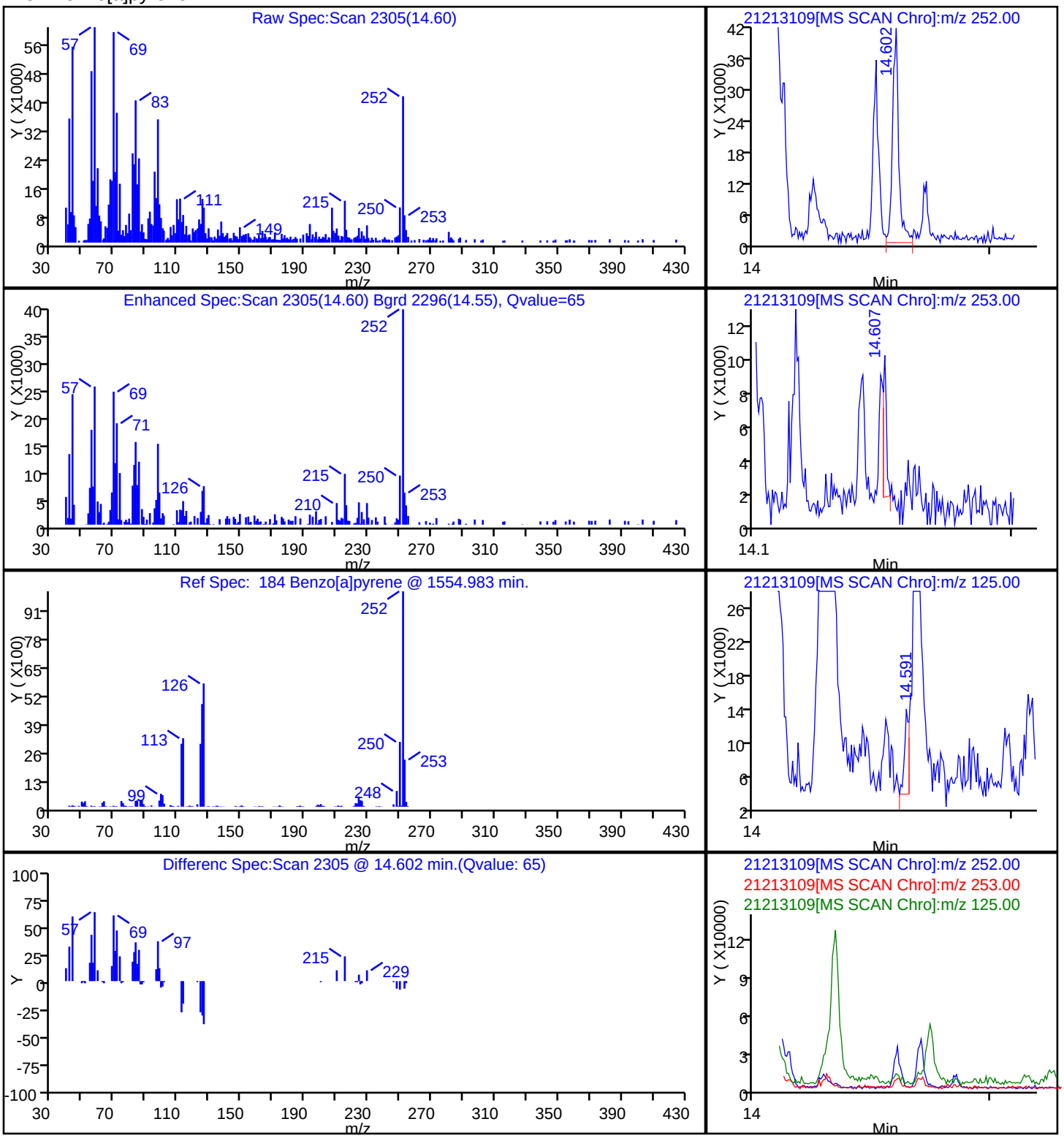
Lims Batch ID:	68588	Lims Sample ID:	9
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

184 Benzo[a]pyrene



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Lims Batch ID:	68588	Lims Sample ID:	9
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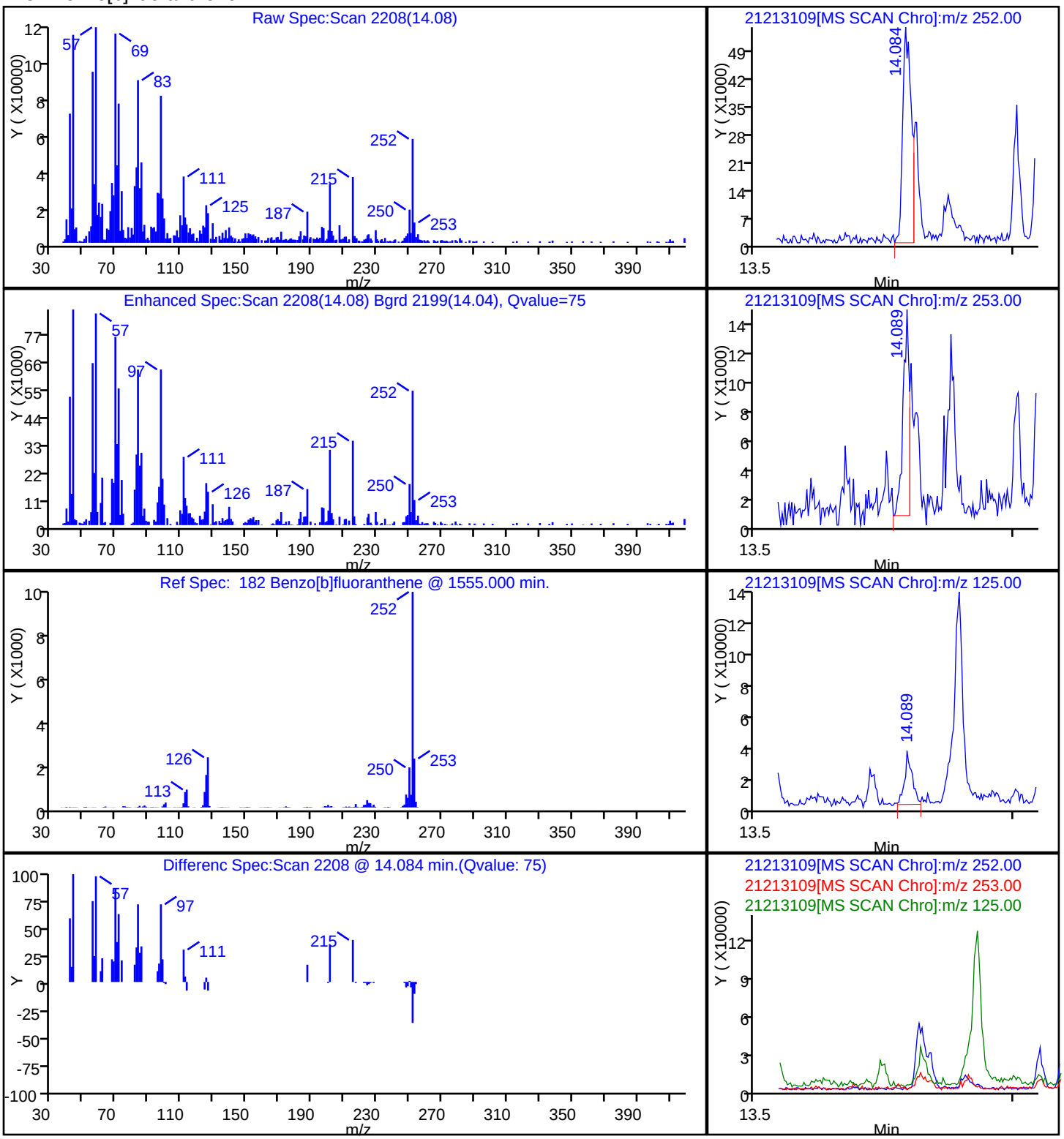
182 Benzo[b]fluoranthene



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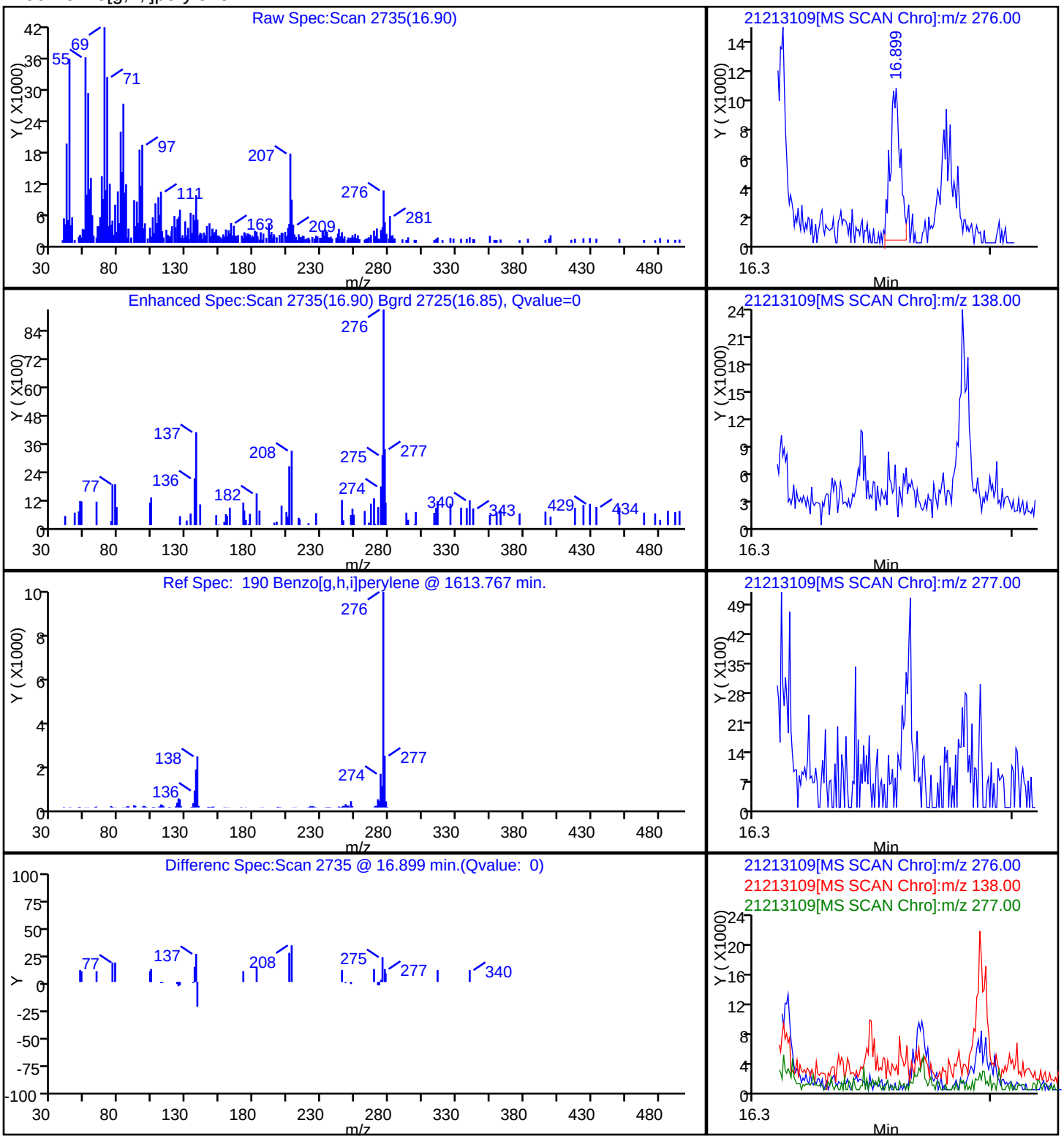
Lims Batch ID:	68588	Lims Sample ID:	9
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

190 Benzo[g,h,i]perylene



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Lims Batch ID:	68588	Lims Sample ID:	9
Operator ID:	001574	Injection Vol:	1.0 ul
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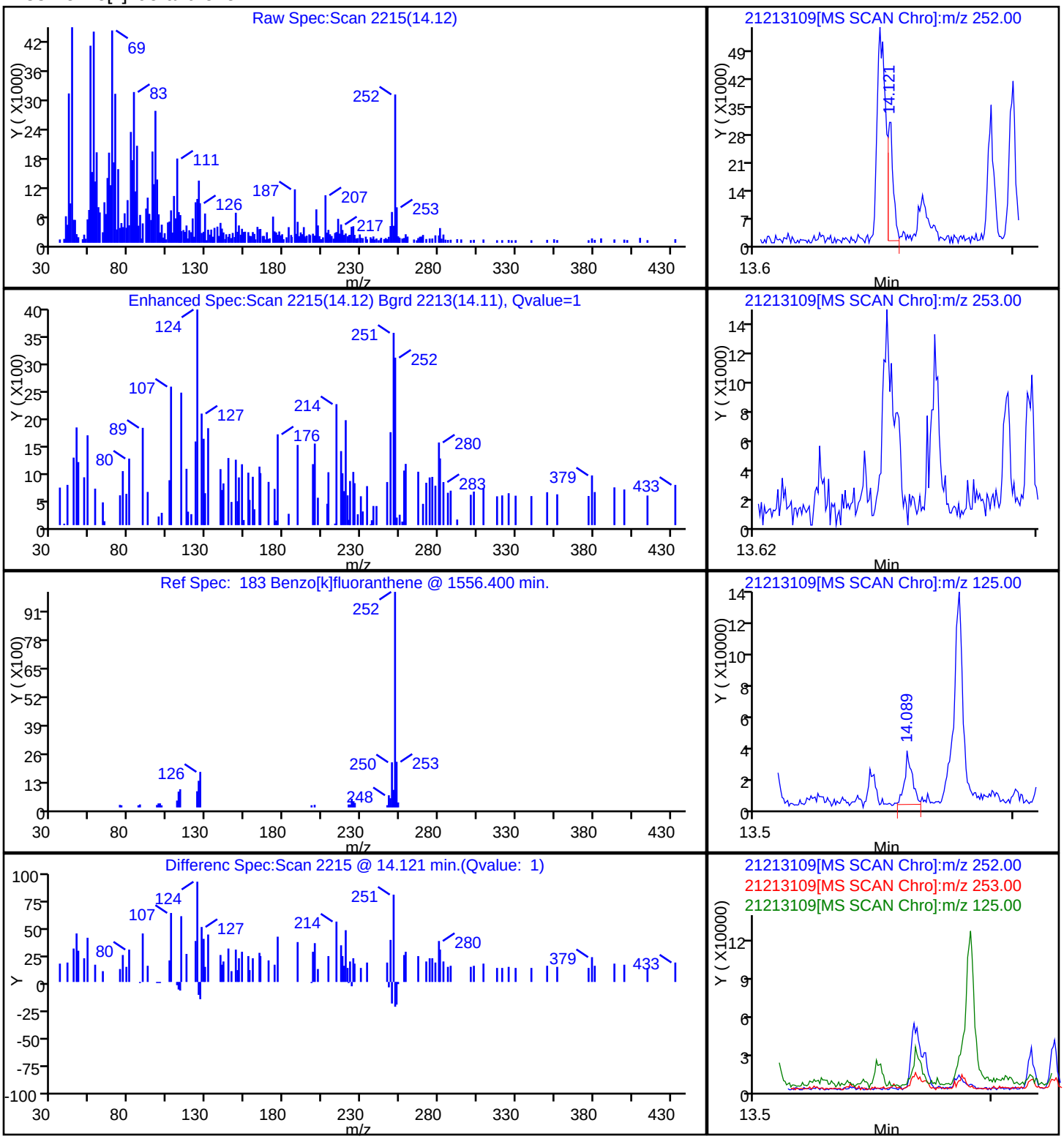
183 Benzo[k]fluoranthene



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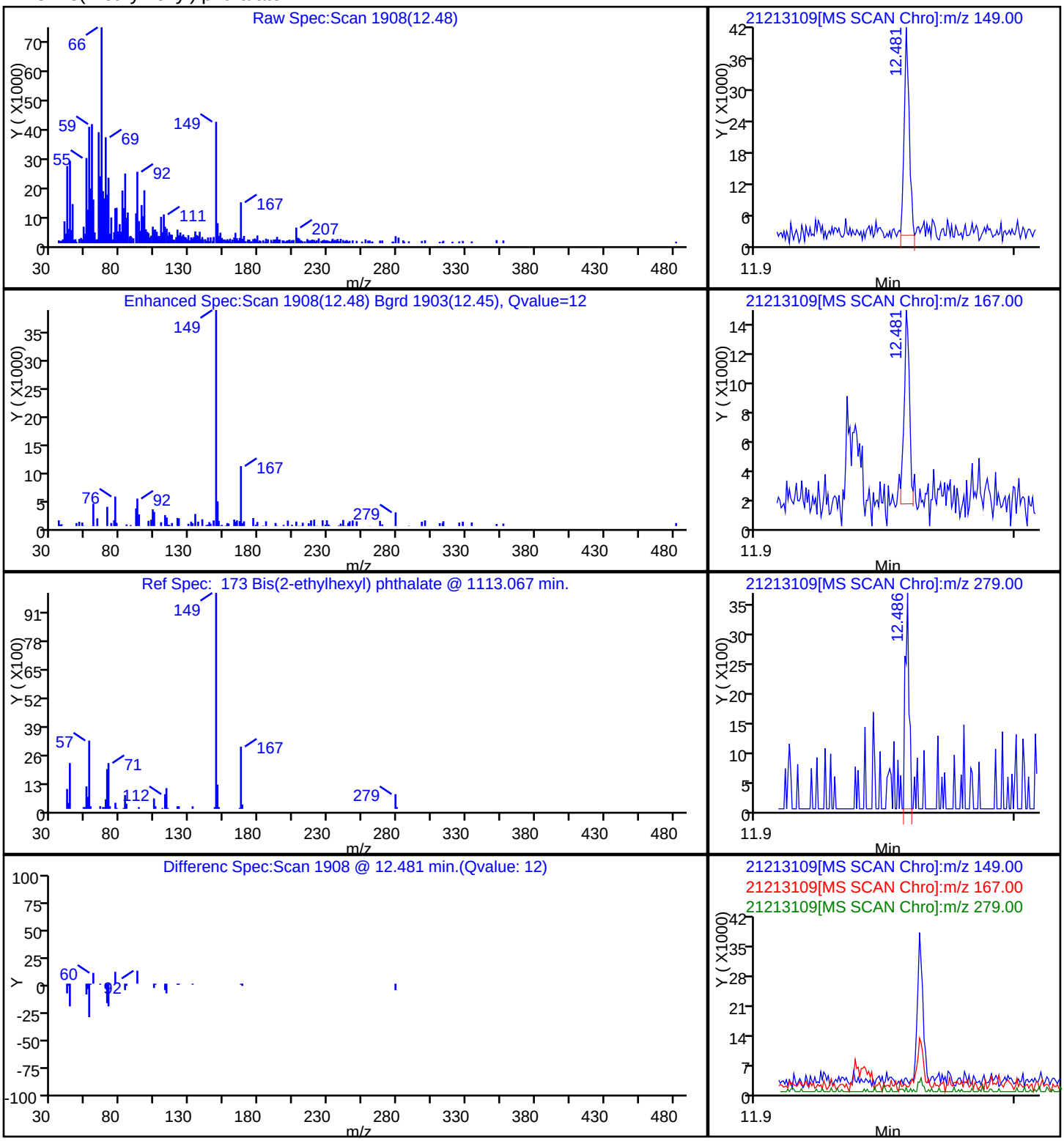
173 Bis(2-ethylhexyl) phthalate



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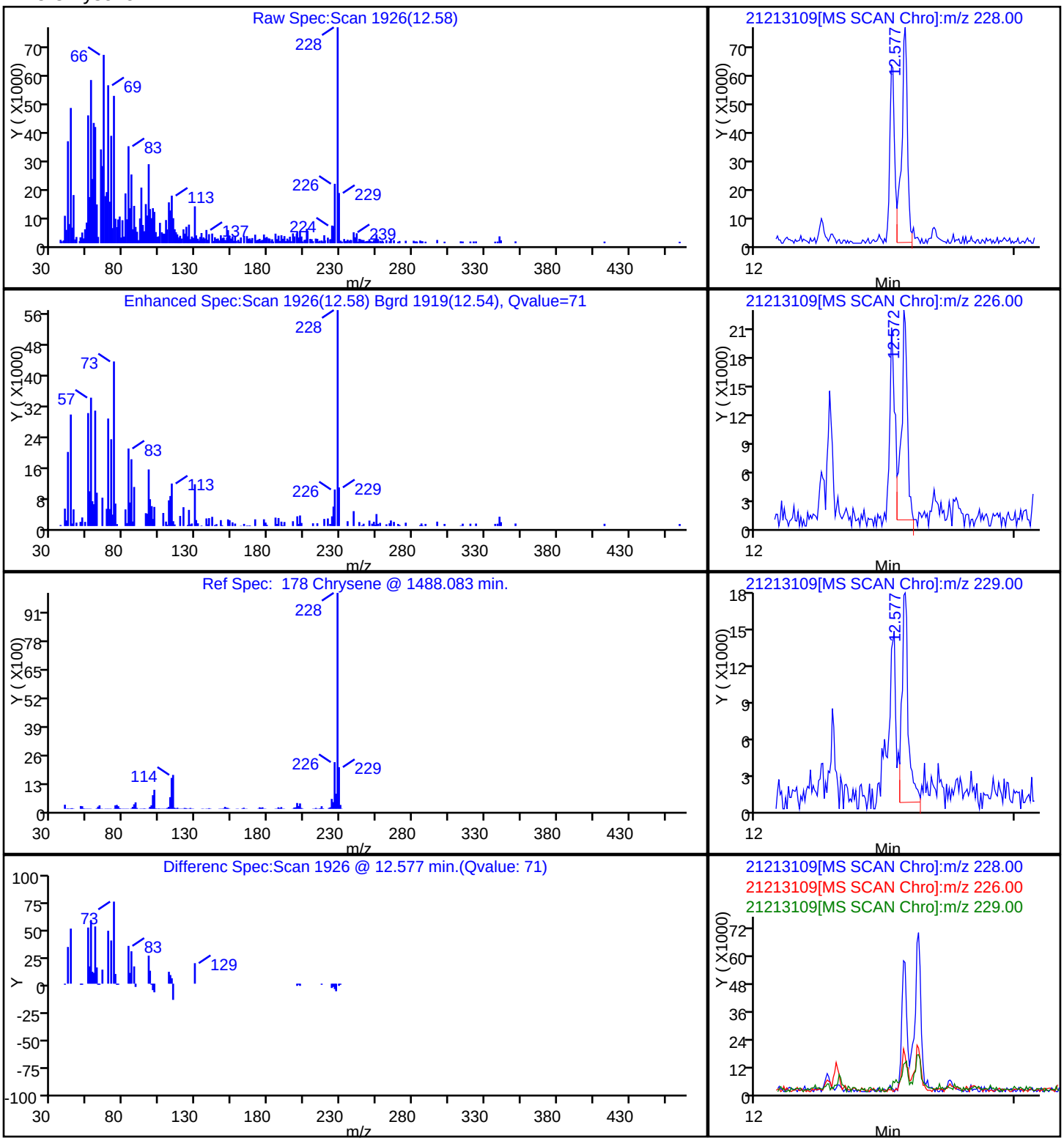
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

178 Chrysene



Report Date: 14-Dec-2012 09:41:15 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

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Lims Batch ID:	68588	Lims Sample ID:	9
Operator ID:	001574	Injection Vol:	1.0 ul
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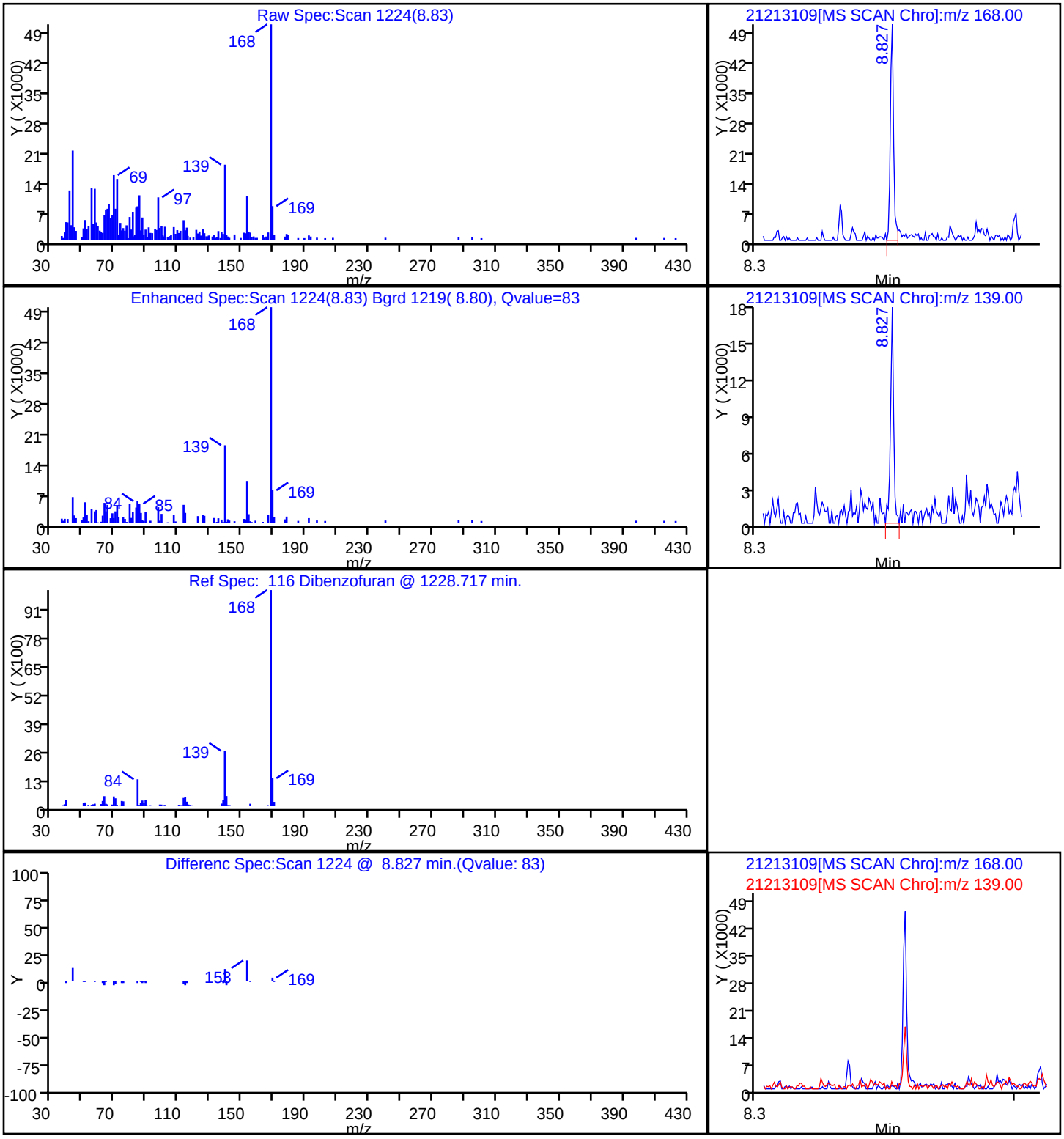
116 Dibenzofuran



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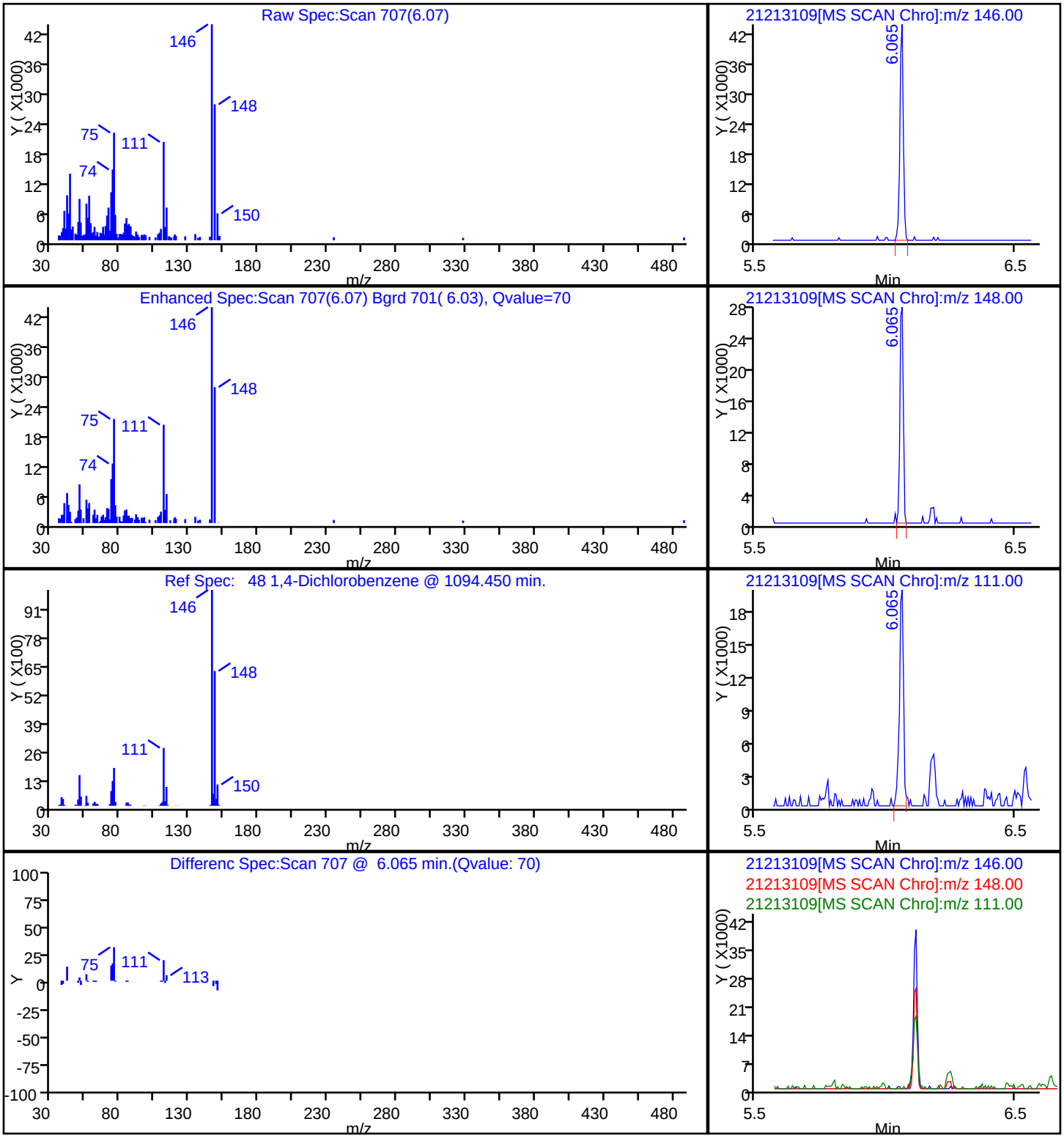
Lims Batch ID:	68588	Lims Sample ID:	9
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

48 1,4-Dichlorobenzene



Report Date: 14-Dec-2012 09:41:16 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

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Lims Batch ID:	68588	Lims Sample ID:	9
Operator ID:	001574	Injection Vol:	1.0 ul
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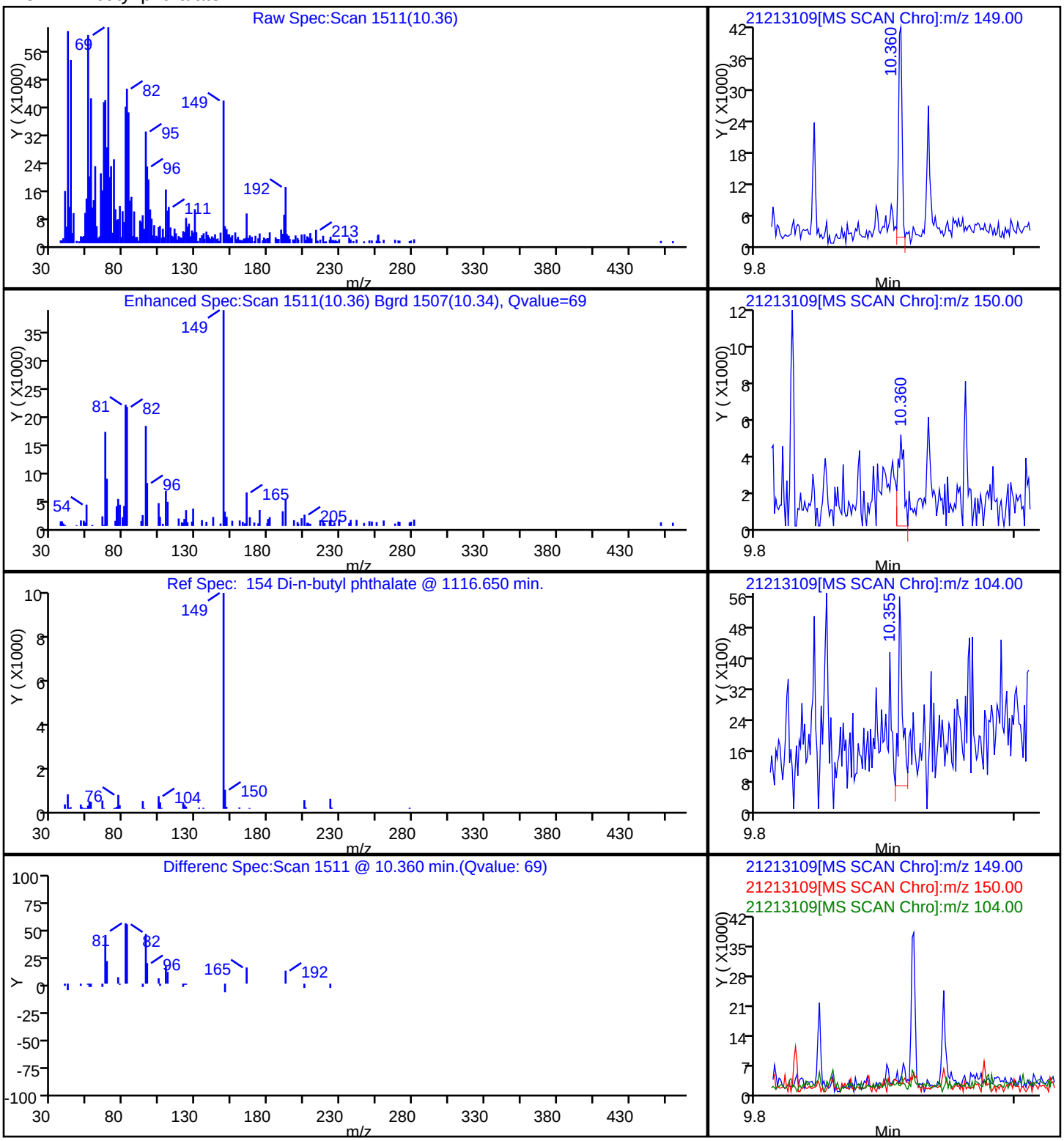
154 Di-n-butyl phthalate



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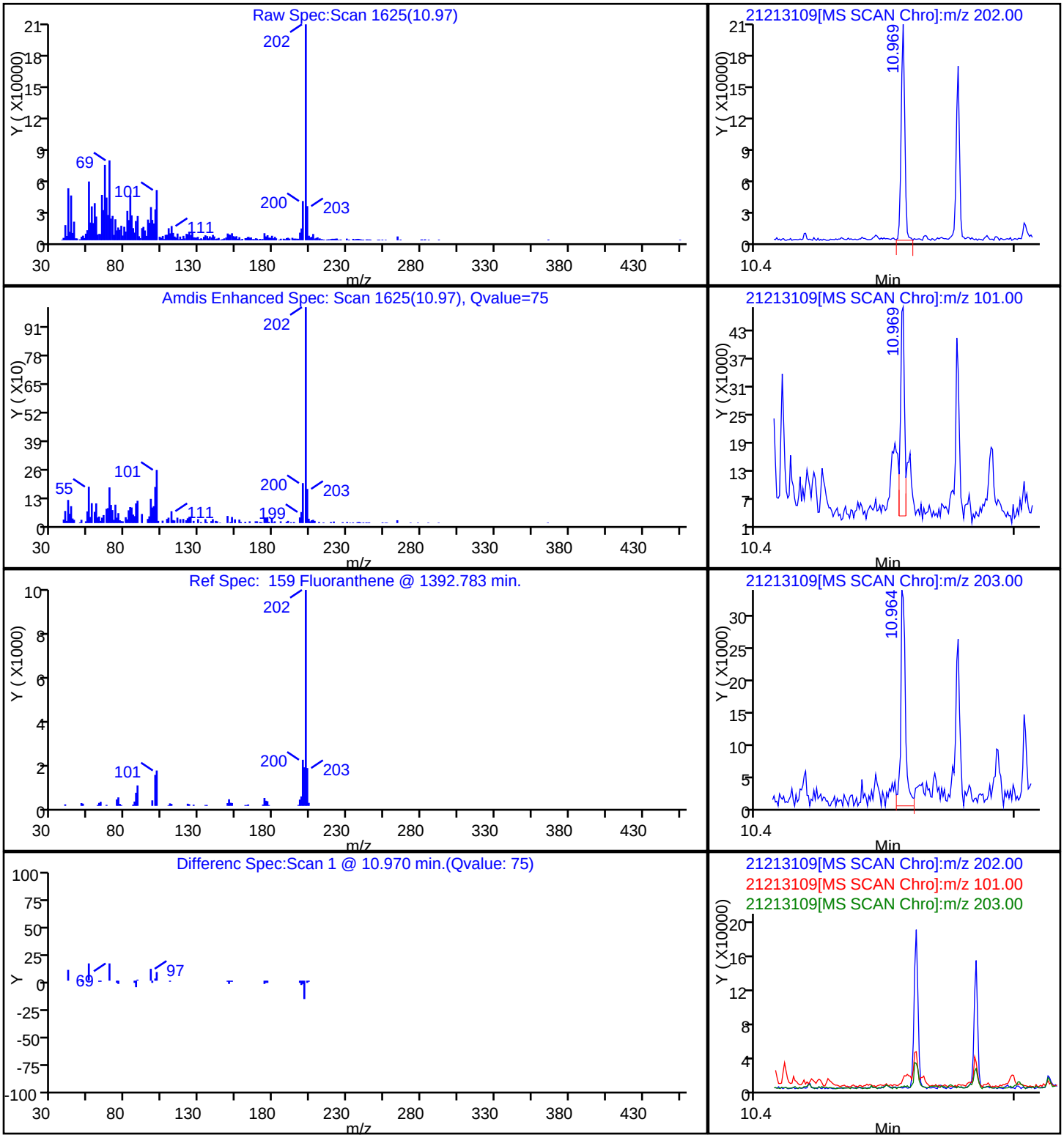
159 Fluoranthene



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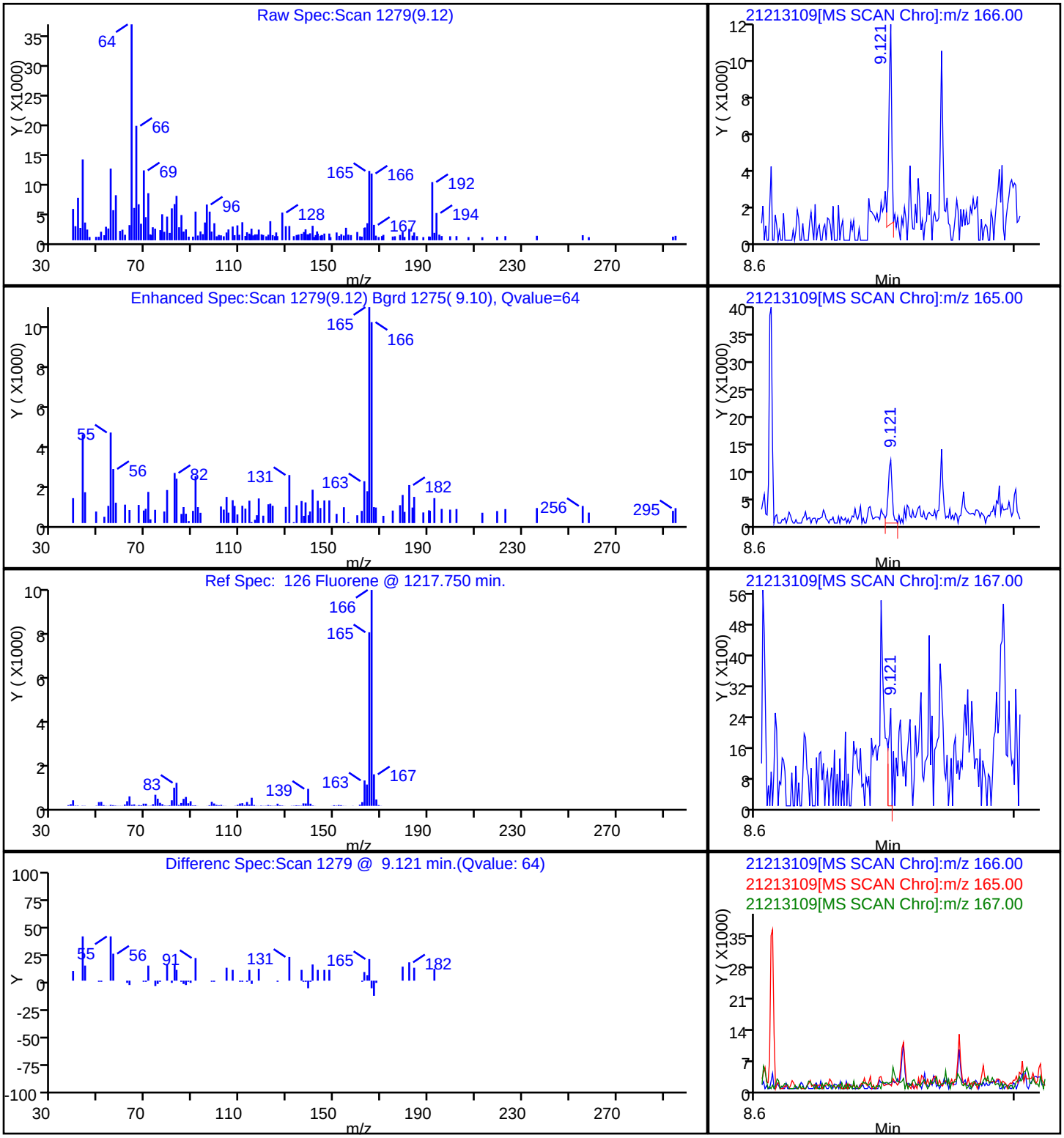
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

126 Fluorene



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Lims Batch ID:	68588	Lims Sample ID:	9
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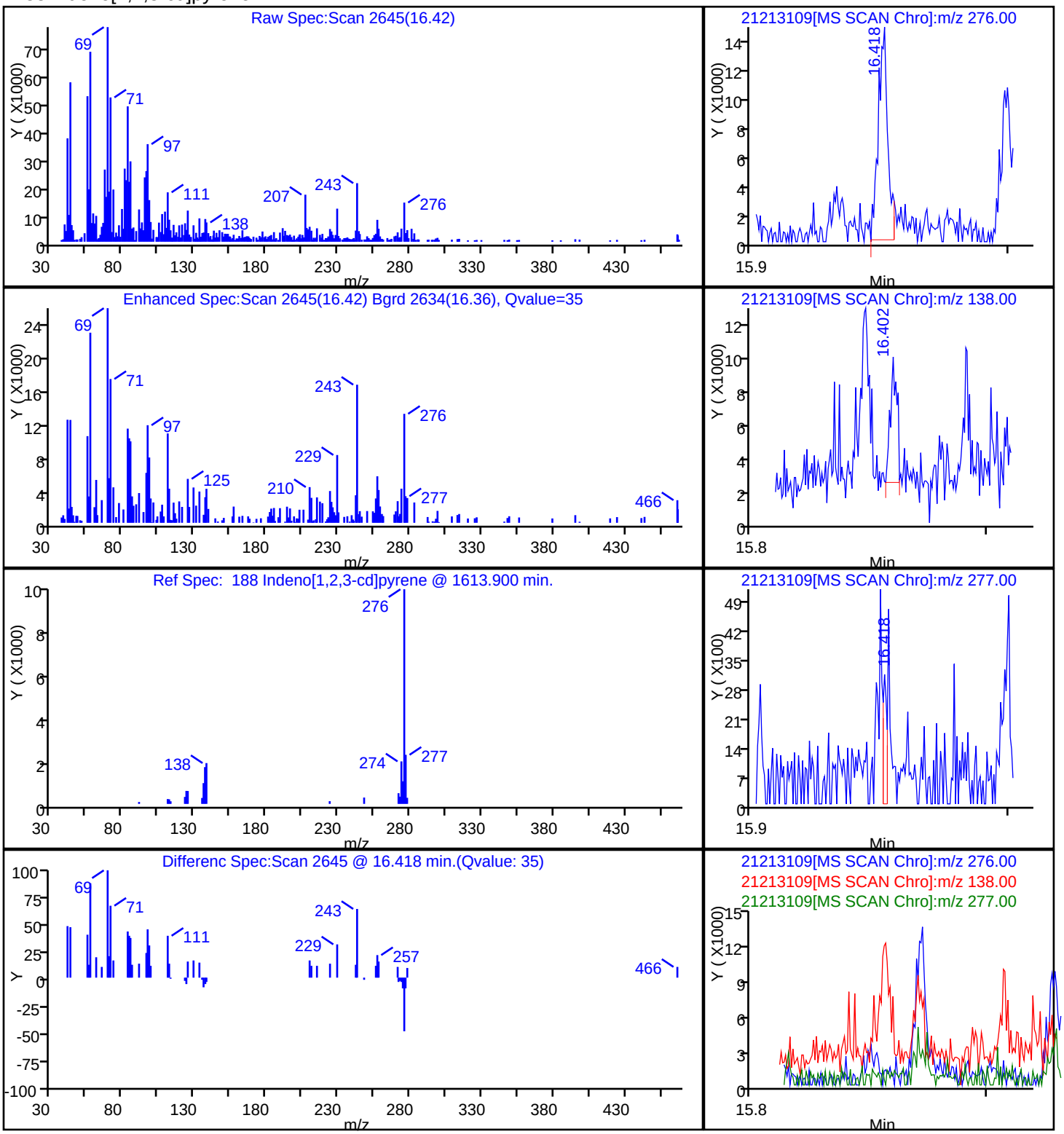
188 Indeno[1,2,3-cd]pyrene



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Operator ID:	001574	Injection Vol:	1.0 ul
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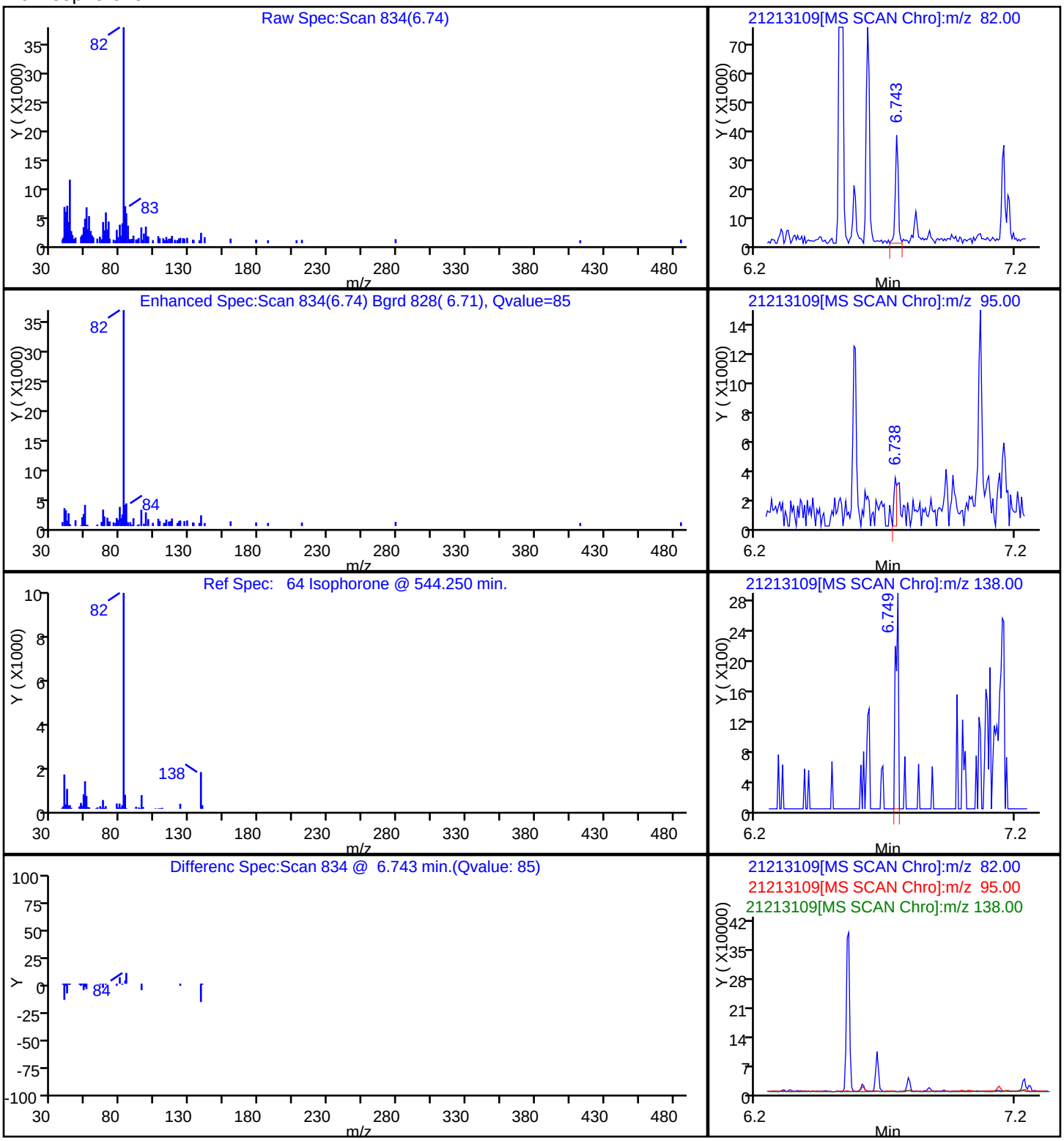
64 Isophorone



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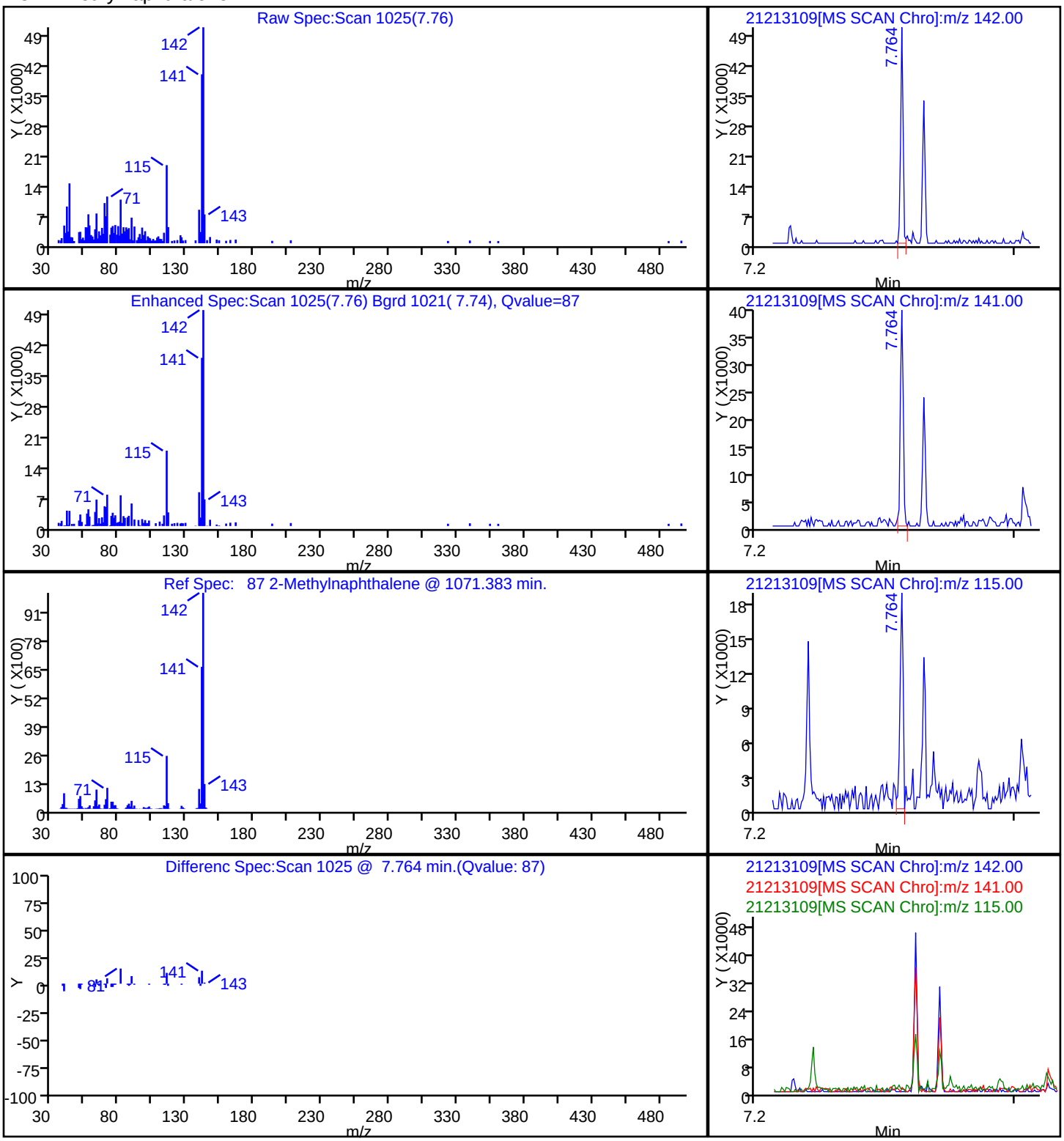
87 2-Methylnaphthalene



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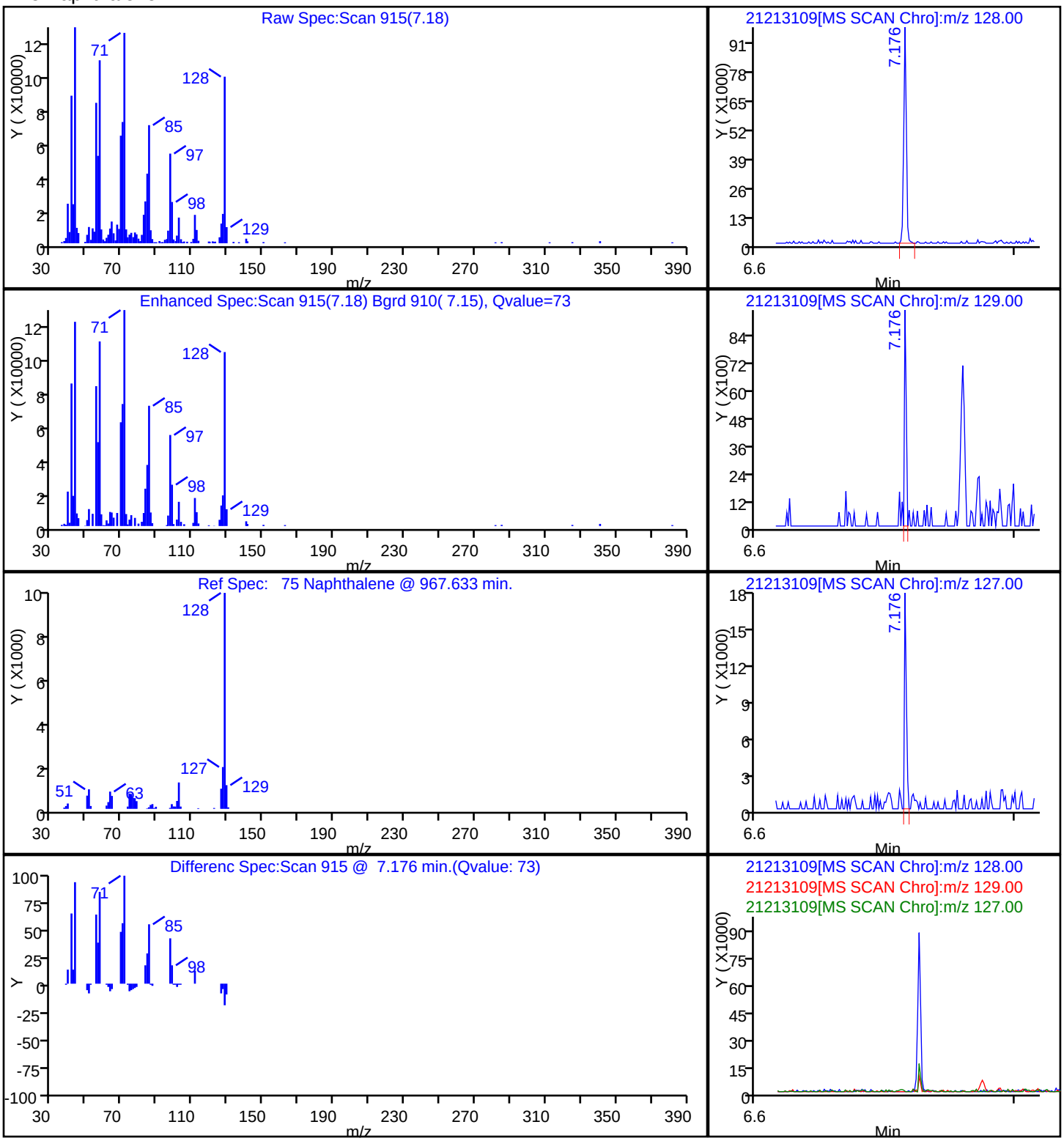
75 Naphthalene



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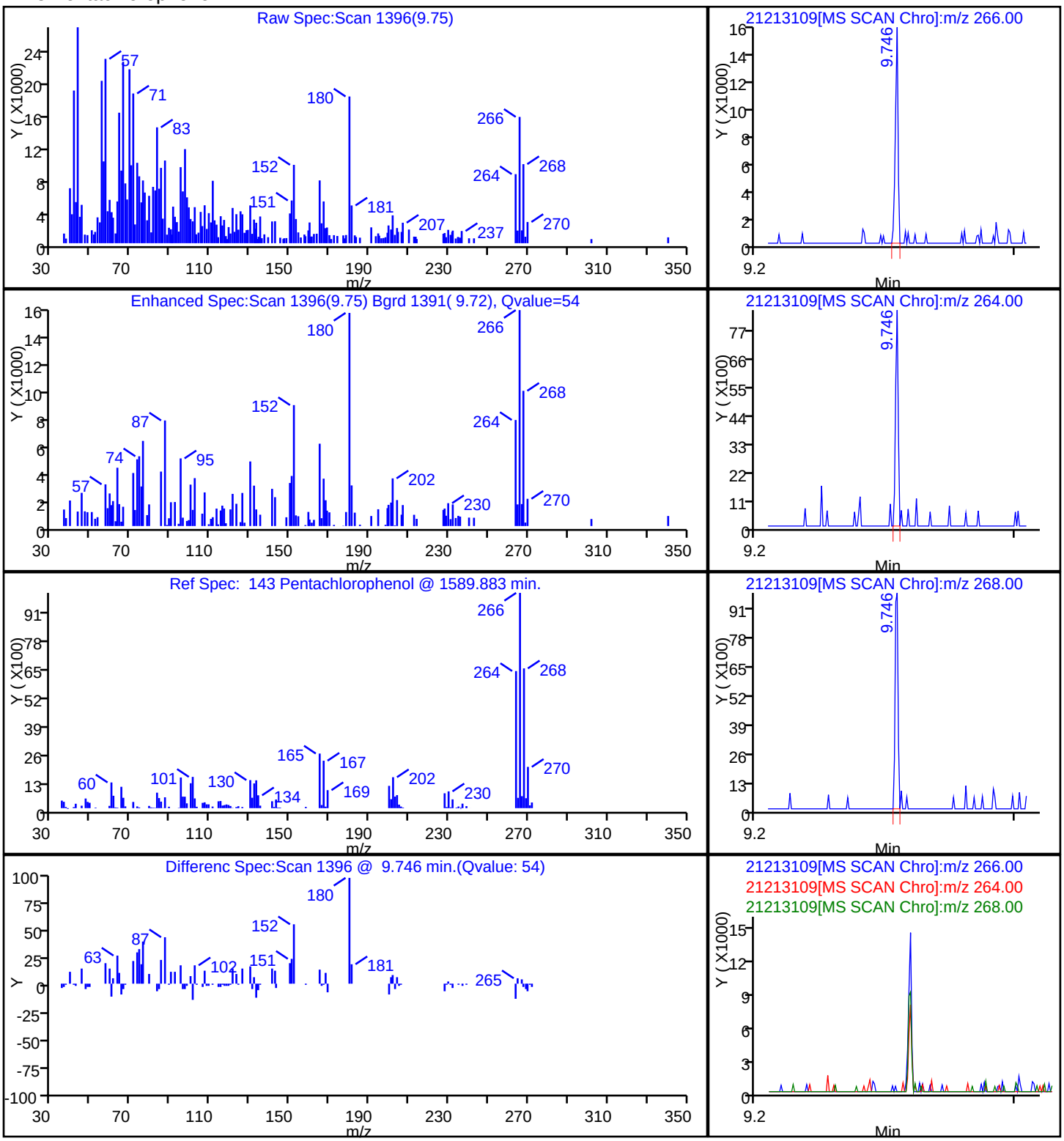
Injection Date:	13-Dec-2012 18:03:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SD-0011-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	68588	Lims Sample ID:	9
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

143 Pentachlorophenol

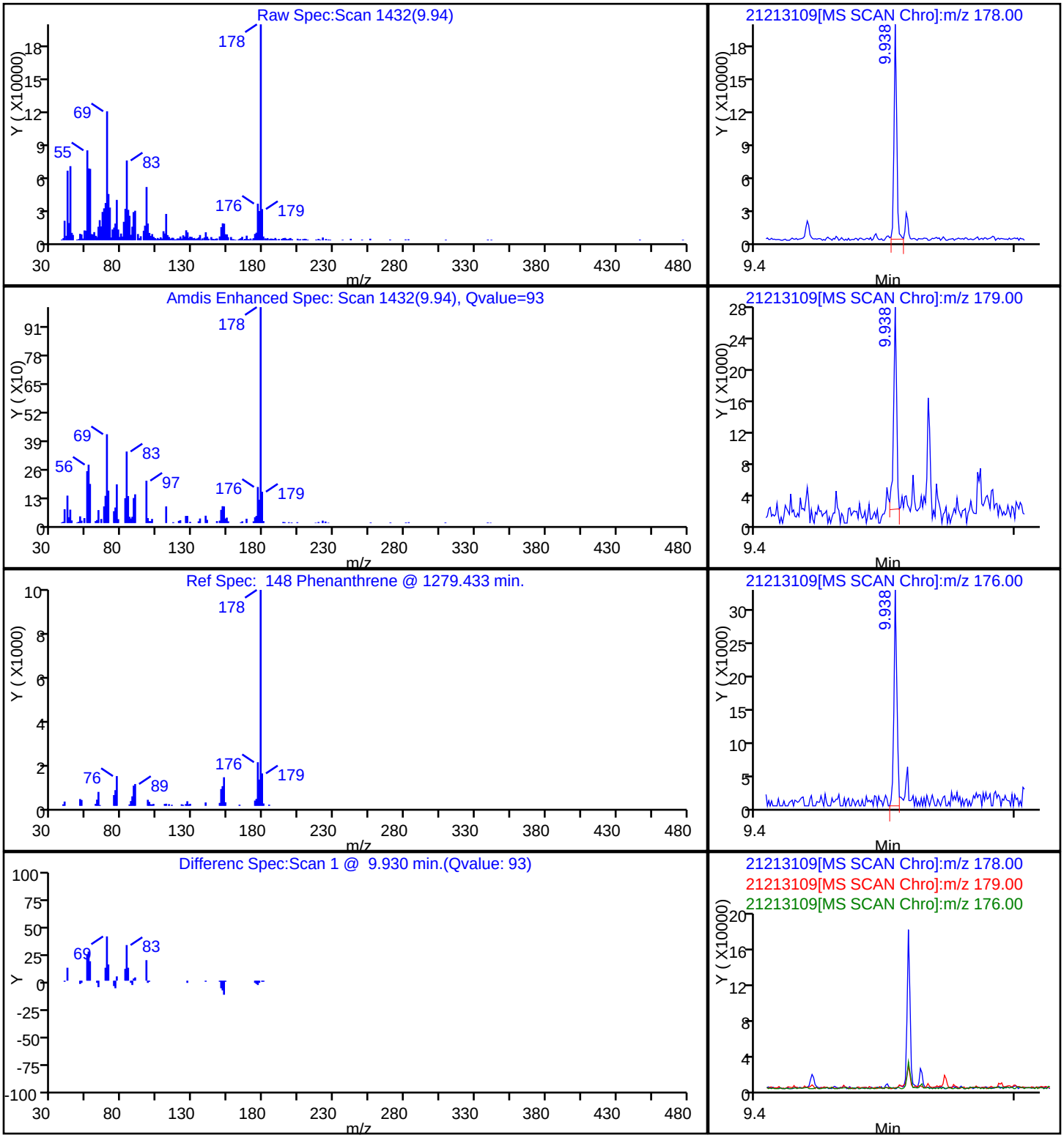


Report Date: 14-Dec-2012 09:41:16 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121213-15814.b\21213109.D		
Injection Date:	13-Dec-2012 18:03:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SD-0011-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	68588	Lims Sample ID:	9
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

148 Phenanthrene



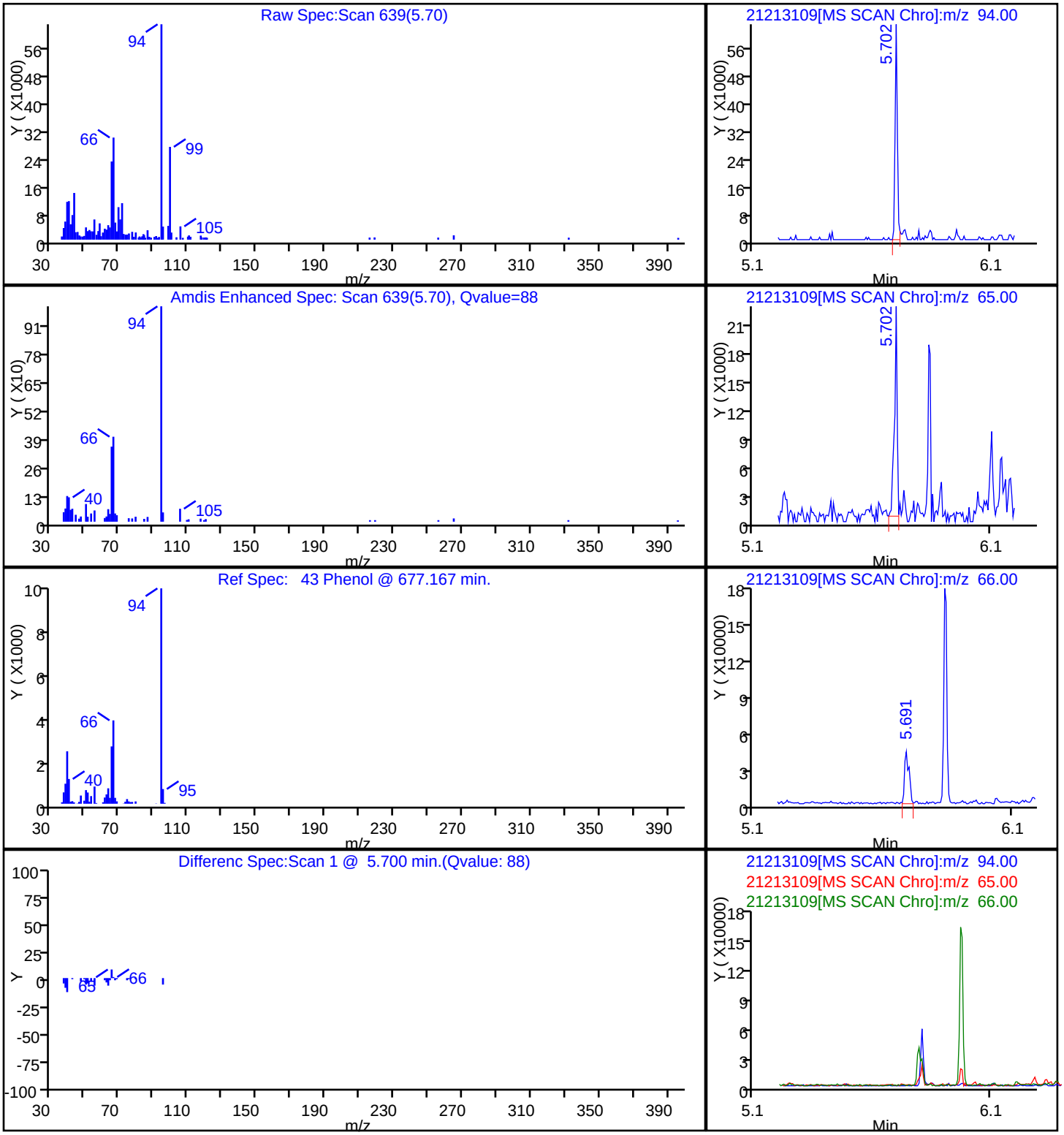
Report Date: 14-Dec-2012 09:41:15 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121213-15814.b\21213109.D

Injection Date:	13-Dec-2012 18:03:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SD-0011-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	68588	Lims Sample ID:	9
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

43 Phenol



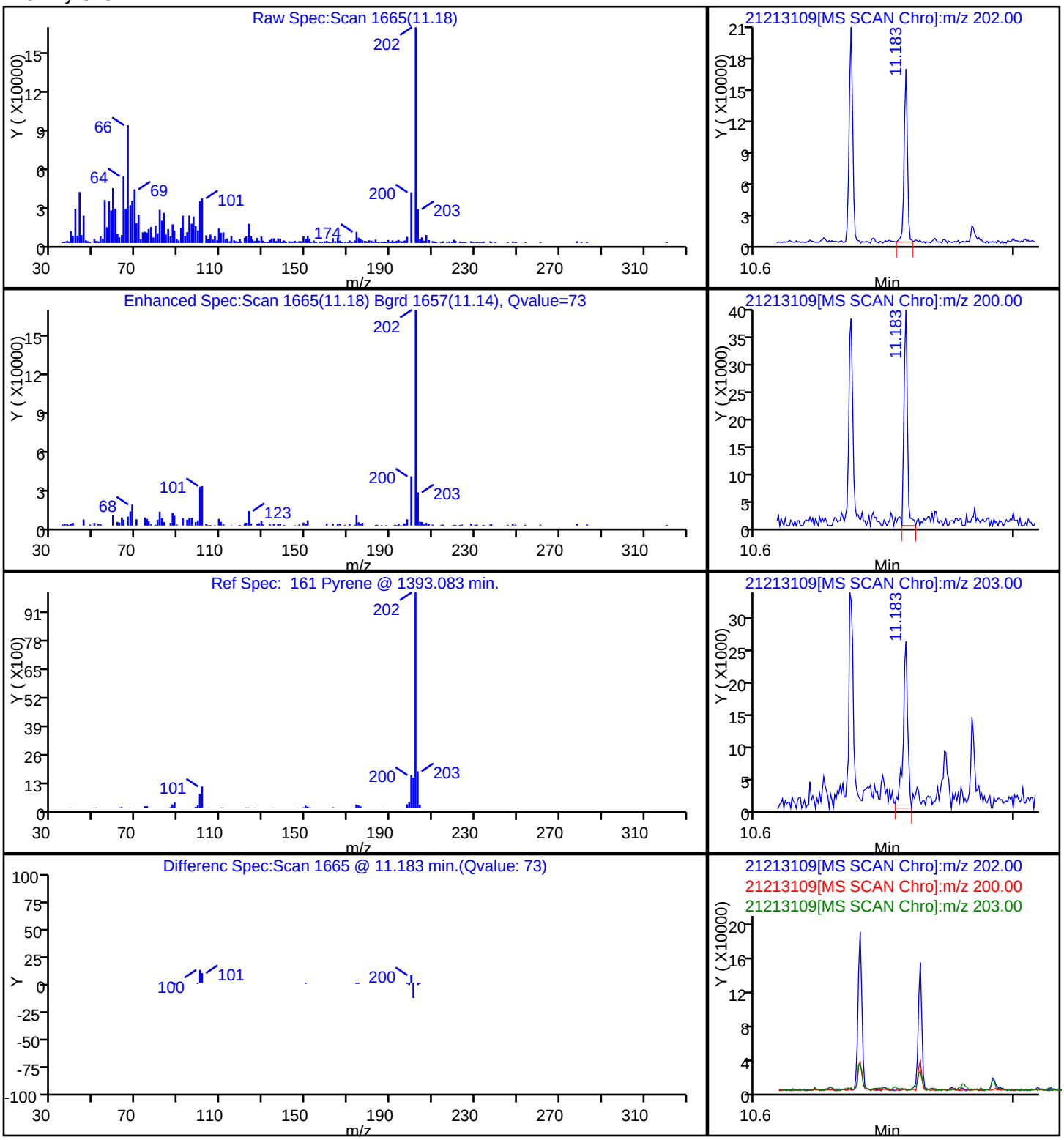
Report Date: 14-Dec-2012 09:41:16 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121213-15814.b\21213109.D

Injection Date:	13-Dec-2012 18:03:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SD-0011-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	68588	Lims Sample ID:	9
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

161 Pyrene



Manual Integration/User Assign Peak Report

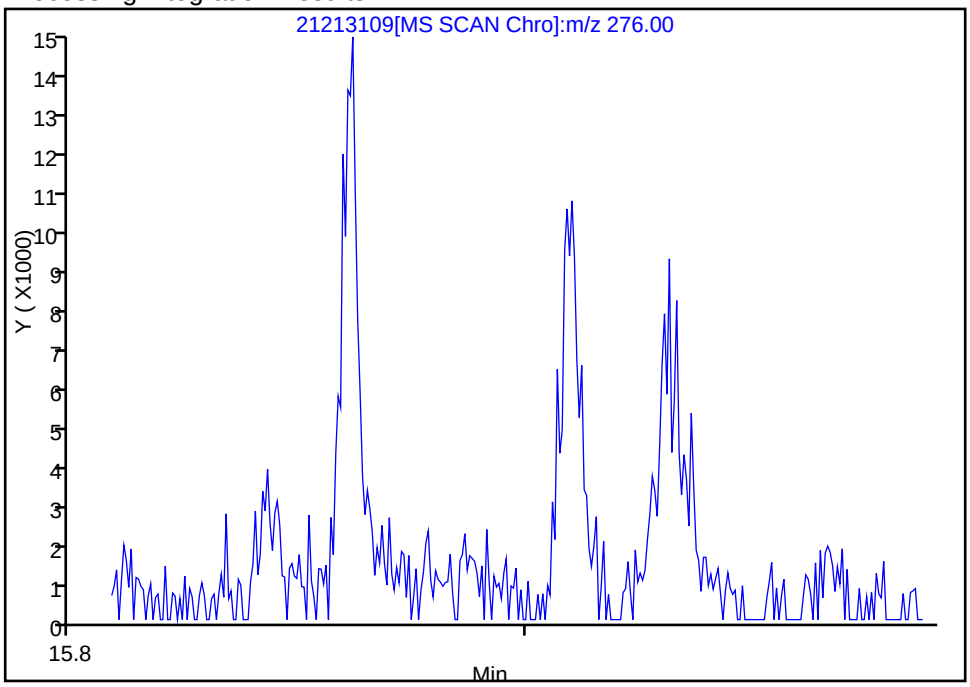
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121213-15814.b\21213109.D		
Injection Date:	13-Dec-2012 18:03:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SD-0011-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	68588	Lims Sample ID:	9
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

190 Benzo[g,h,i]perylene, Signal: 1, m/z: 276.0 Type: quant, RT: 16.89

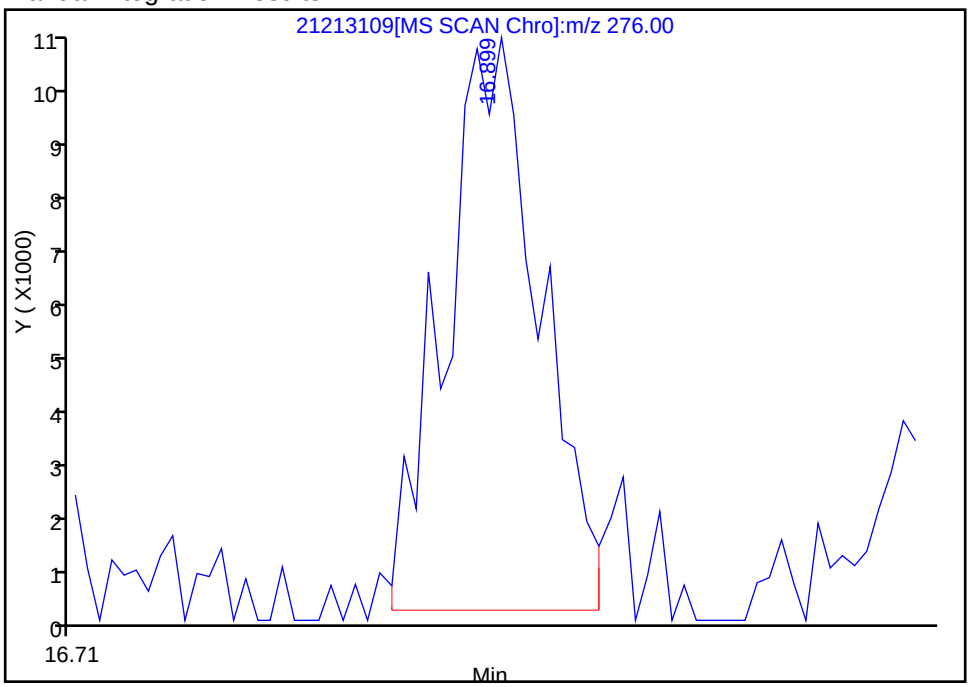
Not Detected
Expected RT: 16.89

Processing Integration Results



Manual Integration Results

RT: 16.90
Response: 28808
Amount: 0.432963



Reviewer: ulmanm, 14-Dec-2012 09:03:38
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

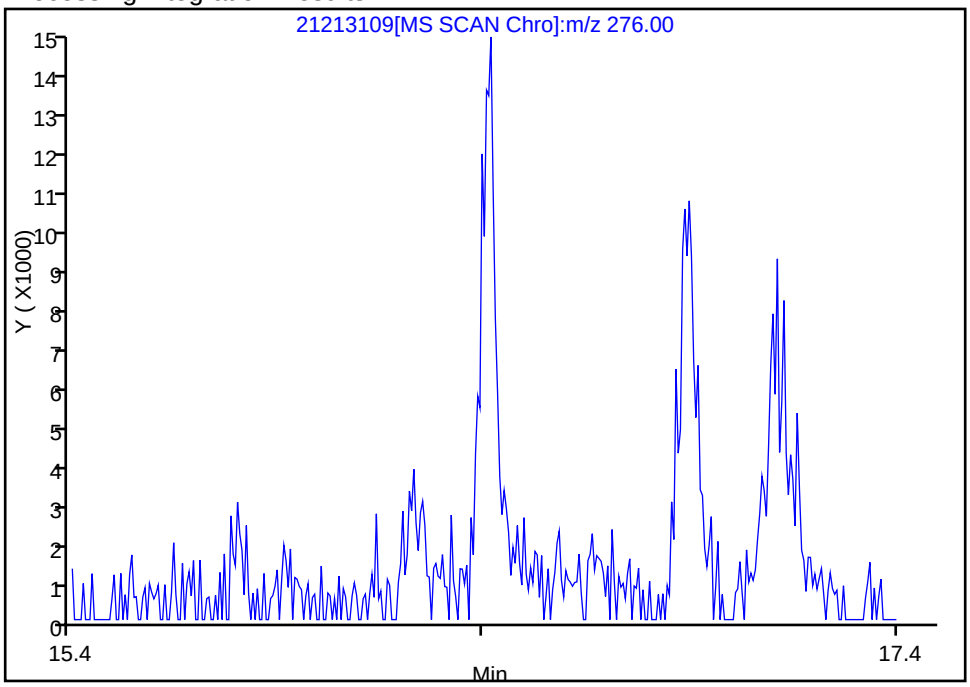
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121213-15814.b\21213109.D		
Injection Date:	13-Dec-2012 18:03:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SD-0011-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	68588	Lims Sample ID:	9
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

188 Indeno[1,2,3-cd]pyrene, Signal: 1, m/z: 276.0 Type: quant, RT: 16.40

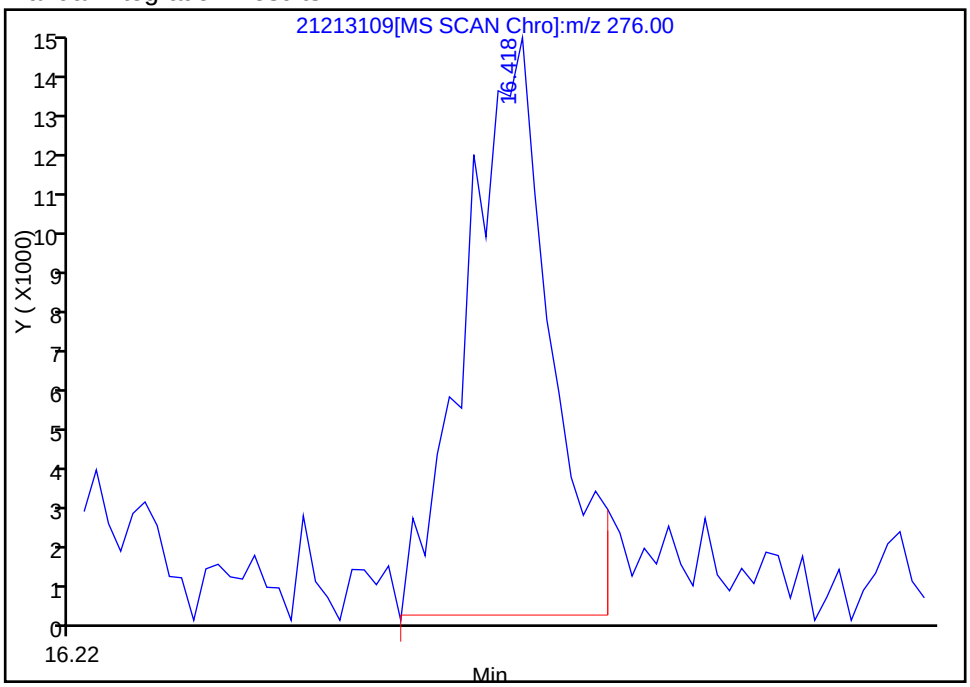
Processing Integration Results

Not Detected
Expected RT: 16.40



Manual Integration Results

RT: 16.42
Response: 35670
Amount: 0.444274



Reviewer: ulmanm, 14-Dec-2012 09:03:38
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: 076SD-0012-0001-SO | Lab Sample ID: 240-17317-22

Matrix: Solid | Lab File ID: 21129013.D

Analysis Method: 8270C/DoD | Date Collected: 11/06/2012 18:30

Extract. Method: 3540C | Date Extracted: 11/16/2012 13:26

Sample wt/vol: 29.87(g) | Date Analyzed: 11/29/2012 12:54

Con. Extract Vol.: 2(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66702 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	17	U	33	17	17
208-96-8	Acenaphthylene	17	U	33	17	17
120-12-7	Anthracene	40	D	33	17	17
56-55-3	Benzo[a]anthracene	84	D	33	17	17
50-32-8	Benzo[a]pyrene	74	D	33	17	17
205-99-2	Benzo[b]fluoranthene	96	D M	33	17	17
191-24-2	Benzo[g,h,i]perylene	47	D M	33	17	17
65-85-0	Benzoic acid	1700	U	3300	1700	1700
207-08-9	Benzo[k]fluoranthene	56	D M	33	17	17
100-51-6	Benzyl alcohol	140	U	1700	140	110
111-91-1	Bis(2-chloroethoxy)methane	140	U	500	140	110
111-44-4	Bis(2-chloroethyl)ether	17	U	500	17	10
108-60-1	bis (2-chloroisopropyl) ether	140	U	500	140	48
117-81-7	Bis(2-ethylhexyl) phthalate	140	U	250	140	95
101-55-3	4-Bromophenyl phenyl ether	140	U	250	140	65
85-68-7	Butyl benzyl phthalate	140	U	250	140	50
86-74-8	Carbazole	140	U	250	140	140
106-47-8	4-Chloroaniline	140	U	750	140	85
59-50-7	4-Chloro-3-methylphenol	140	U	750	140	110
91-58-7	2-Chloronaphthalene	17	U	250	17	17
95-57-8	2-Chlorophenol	140	U	250	140	140
7005-72-3	4-Chlorophenyl phenyl ether	140	U	250	140	65
218-01-9	Chrysene	98	D	33	17	5.5
53-70-3	Dibenz(a,h)anthracene	17	U	33	17	17
132-64-9	Dibenzofuran	17	U	250	17	17
106-46-7	1,4-Dichlorobenzene	140	U	250	140	100
95-50-1	1,2-Dichlorobenzene	140	U	250	140	49
541-73-1	1,3-Dichlorobenzene	140	U	250	140	55
91-94-1	3,3'-Dichlorobenzidine	400	U	500	400	90
120-83-2	2,4-Dichlorophenol	140	U	750	140	100
84-66-2	Diethyl phthalate	140	U	250	140	80
105-67-9	2,4-Dimethylphenol	400	U	750	400	100
131-11-3	Dimethyl phthalate	140	U	250	140	85
84-74-2	Di-n-butyl phthalate	140	U	250	140	75

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: 076SD-0012-0001-SO | Lab Sample ID: 240-17317-22

Matrix: Solid | Lab File ID: 21129013.D

Analysis Method: 8270C/DoD | Date Collected: 11/06/2012 18:30

Extract. Method: 3540C | Date Extracted: 11/16/2012 13:26

Sample wt/vol: 29.87(g) | Date Analyzed: 11/29/2012 12:54

Con. Extract Vol.: 2(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66702 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	400	U	750	400	400
51-28-5	2,4-Dinitrophenol	400	U	1700	400	400
121-14-2	2,4-Dinitrotoluene	140	U	1000	140	140
606-20-2	2,6-Dinitrotoluene	140	U	1000	140	110
117-84-0	Di-n-octyl phthalate	140	U	250	140	140
206-44-0	Fluoranthene	200	D	33	17	17
86-73-7	Fluorene	17	U	33	17	17
118-74-1	Hexachlorobenzene	17	U	33	17	11
87-68-3	Hexachlorobutadiene	140	U	250	140	140
77-47-4	Hexachlorocyclopentadiene	140	U	1700	140	140
67-72-1	Hexachloroethane	140	U	250	140	45
193-39-5	Indeno[1,2,3-cd]pyrene	38	D M	33	17	17
78-59-1	Isophorone	140	U	250	140	65
91-57-6	2-Methylnaphthalene	17	U	33	17	17
95-48-7	2-Methylphenol	400	U	1000	400	400
15831-10-4	3 & 4 Methylphenol	400	U	2000	400	100
91-20-3	Naphthalene	17	U	33	17	17
88-74-4	2-Nitroaniline	140	U	1000	140	46
99-09-2	3-Nitroaniline	400	U	1000	400	80
100-01-6	4-Nitroaniline	140	U	1000	140	130
98-95-3	Nitrobenzene	17	U	500	17	11
88-75-5	2-Nitrophenol	140	U	250	140	140
100-02-7	4-Nitrophenol	400	U	1700	400	400
621-64-7	N-Nitrosodi-n-propylamine	140	U	250	140	140
86-30-6	N-Nitrosodiphenylamine	140	U	250	140	110
87-86-5	Pentachlorophenol	400	U	750	400	400
85-01-8	Phenanthrene	160	D	33	17	17
108-95-2	Phenol	140	U	250	140	140
129-00-0	Pyrene	150	D	33	17	17
120-82-1	1,2,4-Trichlorobenzene	140	U	250	140	140
95-95-4	2,4,5-Trichlorophenol	140	U	750	140	130
88-06-2	2,4,6-Trichlorophenol	400	U	750	400	400

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: 076SD-0012-0001-SO | Lab Sample ID: 240-17317-22

Matrix: Solid | Lab File ID: 21129013.D

Analysis Method: 8270C/DoD | Date Collected: 11/06/2012 18:30

Extract. Method: 3540C | Date Extracted: 11/16/2012 13:26

Sample wt/vol: 29.87(g) | Date Analyzed: 11/29/2012 12:54

Con. Extract Vol.: 2(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66702 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	60		45-105
367-12-4	2-Fluorophenol (Surr)	63		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	67		35-100
1718-51-0	Terphenyl-d14 (Surr)	63		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	67		35-125
4165-62-2	Phenol-d5 (Surr)	68		40-100

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129013.D		
Lims ID:	240-17317-A-22-D	Client ID:	076SD-0012-0001-SO
Inject. Date:	29-Nov-2012 12:54:30	Dil. Factor:	5.0000
Sample Type:	Client		
Sample ID:	240-0015370-013		
Misc. Info.:	240-17317-A-22-D =240-17317-A-22-D		
Operator:	001574	Instrument ID:	A4HP9
Injection Vol:	1.0 ul	ALS Bottle#:	13
Lims Batch ID:	66702	Lims Sample ID:	13
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP9\20121129-15370.b\8270 _9.m		
Last Update:	29-Nov-2012 13:56:01	Calib Date:	28-Nov-2012 18:11:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP9\20121128-15348.b\21127110.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK030		
First Level Reviewer: ulmanm		Date:	29-Nov-2012 13:31:27

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.902	5.907	-0.005	86	66175	4.00	
* 2 Naphthalene-d8	136	7.013	7.013	0.0	98	268965	4.00	
* 3 Acenaphthene-d10	164	8.504	8.503	0.001	80	169536	4.00	
* 4 Phenanthrene-d10	188	9.764	9.764	0.0	95	281647	4.00	
* 5 Chrysene-d12	240	12.302	12.307	-0.005	75	265098	4.00	
* 6 Perylene-d12	264	14.369	14.374	-0.005	92	249683	4.00	
$ 7 2-Fluorophenol	112	4.673	4.662	0.011	83	49953	1.88	
$ 8 Phenol-d5	99	5.549	5.544	0.005	0	75835	2.05	
$ 9 Nitrobenzene-d5	82	6.383	6.388	-0.005	82	50620	1.34	
$ 10 2-Fluorobiphenyl (Surr)	172	7.916	7.921	-0.005	96	61646	1.20	
$ 11 2,4,6-Tribromophenol	330	9.166	9.171	-0.005	69	12235	2.00	
$ 12 Terphenyl-d14	244	11.116	11.121	-0.005	95	66189	1.26	
43 Phenol	94		5.560					9
69 Bis(2-chloroethyl)ether	93		5.656					9
46 2-Chlorophenol	128		5.709					
47 1,3-Dichlorobenzene	146		5.853					9
48 1,4-Dichlorobenzene	146		5.918					9
49 Benzyl alcohol	108		6.014					
50 1,2-Dichlorobenzene	146		6.056					
51 2-Methylphenol	108		6.099					
53 2,2'-oxybis[1-chloropropane]	45		6.137					
21 3 & 4 Methylphenol	108		6.233					
57 N-Nitrosodi-n-propylamine	70		6.243					9
61 Hexachloroethane	117		6.356					
62 Nitrobenzene	77		6.404					9
64 Isophorone	82		6.607					9
66 2-Nitrophenol	139		6.676					
65 2,4-Dimethylphenol	107		6.697					9
71 Benzoic acid	122		6.756					9
70 Bis(2-chloroethoxy)methane	93		6.783					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
73 2,4-Dichlorophenol	162		6.879					
74 1,2,4-Trichlorobenzene	180		6.959					
75 Naphthalene	128		7.034					9
76 4-Chloroaniline	127		7.066					9
79 Hexachlorobutadiene	225		7.130					
86 4-Chloro-3-methylphenol	107		7.456					
87 2-Methylnaphthalene	142		7.622					9
89 Hexachlorocyclopentadiene	237		7.750					
92 2,4,6-Trichlorophenol	196		7.846					
93 2,4,5-Trichlorophenol	196		7.878					
100 2-Chloronaphthalene	162		8.033					
102 2-Nitroaniline	65		8.108					9
105 Dimethyl phthalate	163		8.247					9
107 2,6-Dinitrotoluene	165		8.305					
109 Acenaphthylene	152		8.391					9
110 3-Nitroaniline	138		8.450					
111 2,4-Dinitrophenol	184		8.535					
112 Acenaphthene	153		8.535					9
113 4-Nitrophenol	109		8.567					9
114 2,4-Dinitrotoluene	165		8.647					
116 Dibenzofuran	168		8.679					9
121 Diethyl phthalate	149		8.840					9
123 4-Chlorophenyl phenyl ether	204		8.957					
125 4-Nitroaniline	138		8.968					
126 Fluorene	166		8.968					9
128 4,6-Dinitro-2-methylphenol	198		8.989					
131 N-Nitrosodiphenylamine	169		9.048					
139 4-Bromophenyl phenyl ether	248		9.374					
141 Hexachlorobenzene	284		9.433					
143 Pentachlorophenol	266		9.593					
148 Phenanthrene	178	9.786	9.785	0.001	81	38440	0.4864	
149 Anthracene	178	9.828	9.828	0.0	58	9199	0.1192	
151 Carbazole	167		9.951					9
154 Di-n-butyl phthalate	149		10.213					9
159 Fluoranthene	202	10.790	10.795	-0.005	81	52058	0.5933	
161 Pyrene	202	10.998	11.003	-0.005	89	40016	0.4436	
168 Butyl benzyl phthalate	149		11.596					9
175 3,3'-Dichlorobenzidine	252		12.243					
173 Bis(2-ethylhexyl) phthalate	149		12.269					9
177 Benzo[a]anthracene	228	12.291	12.296	-0.005	39	19873	0.2518	
178 Chrysene	228	12.339	12.344	-0.005	55	21620	0.2940	
180 Di-n-octyl phthalate	149		13.177					9
182 Benzo[b]fluoranthene	252	13.787	13.797	-0.010	0	23419	0.2865	M
183 Benzo[k]fluoranthene	252	13.814	13.835	-0.021	0	14552	0.1681	M
184 Benzo[a]pyrene	252	14.289	14.294	-0.005	30	16992	0.2209	
188 Indeno[1,2,3-cd]pyrene	276	16.020	16.030	-0.010	45	9916	0.1144	M
189 Dibenz(a,h)anthracene	278		16.057					
190 Benzo[g,h,i]perylene	276	16.463	16.474	-0.011	0	10267	0.1397	M

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

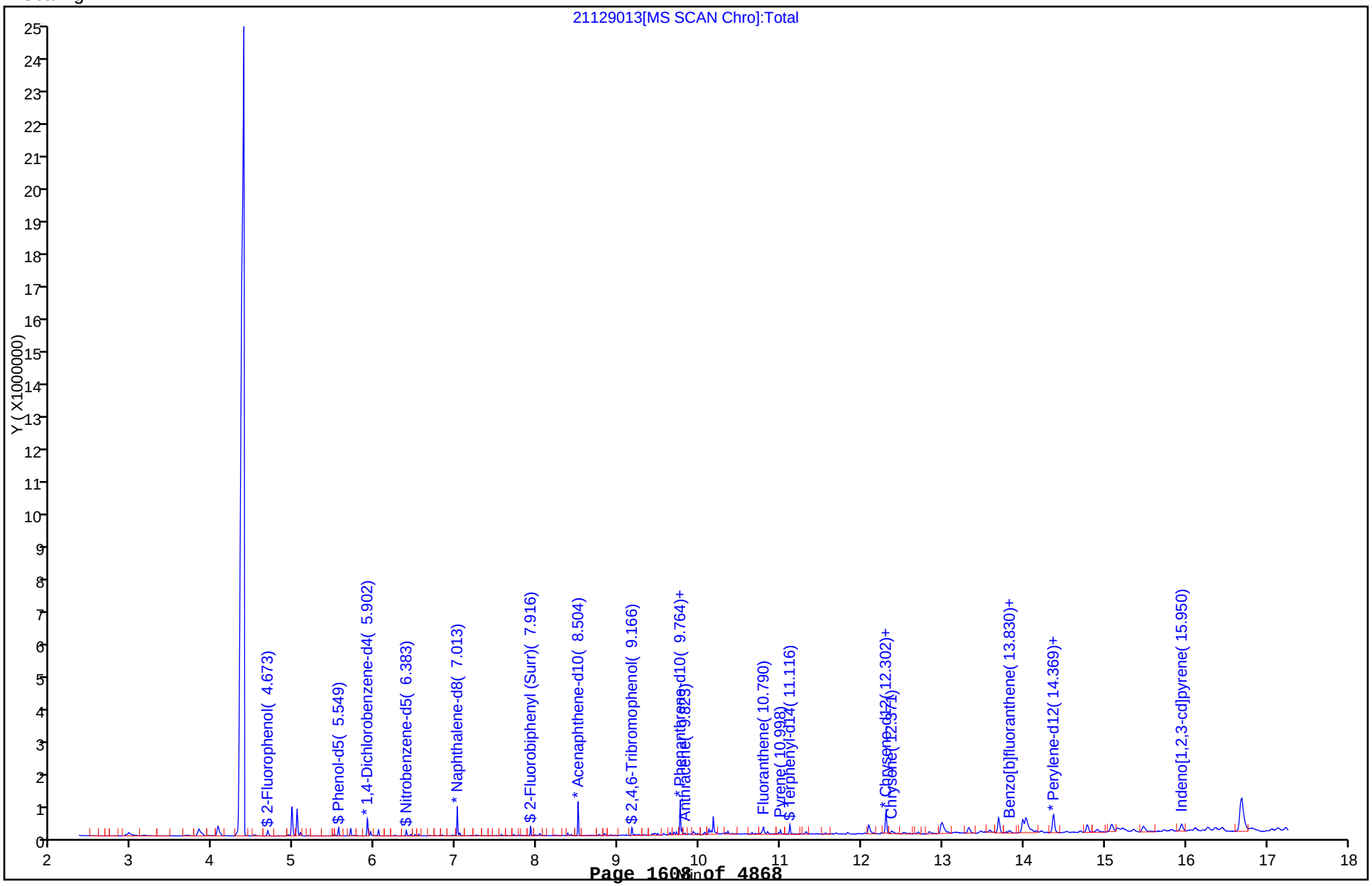
Review Flags
M - Manually Integrated

Report Date: 29-Nov-2012 14:09:42 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129013.D		
Injection Date:	29-Nov-2012 12:54:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SD-0012-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	66702	Lims Sample ID:	13
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



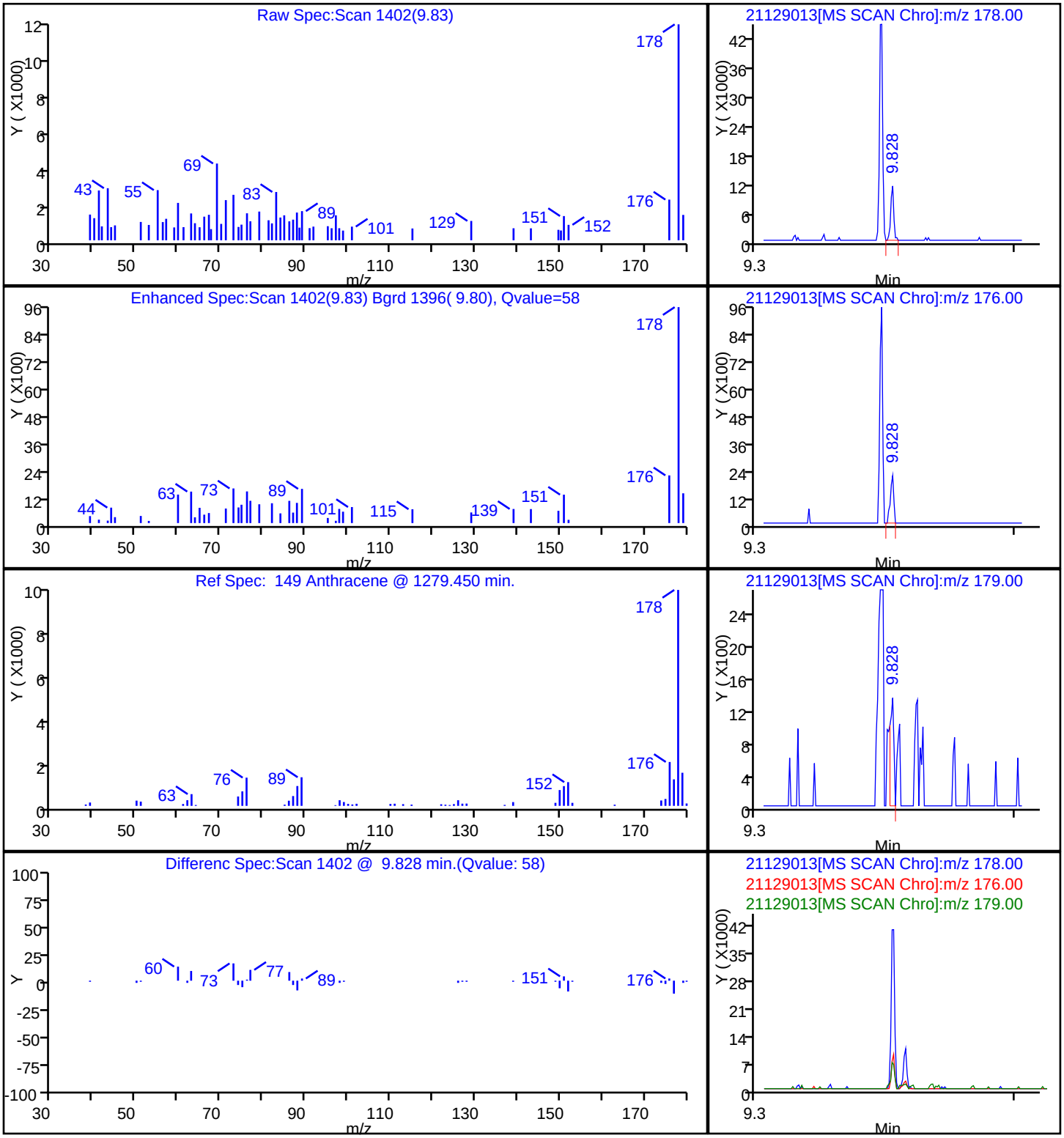
Report Date: 29-Nov-2012 14:09:42 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129013.D

Injection Date:	29-Nov-2012 12:54:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SD-0012-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	66702	Lims Sample ID:	13
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

149 Anthracene



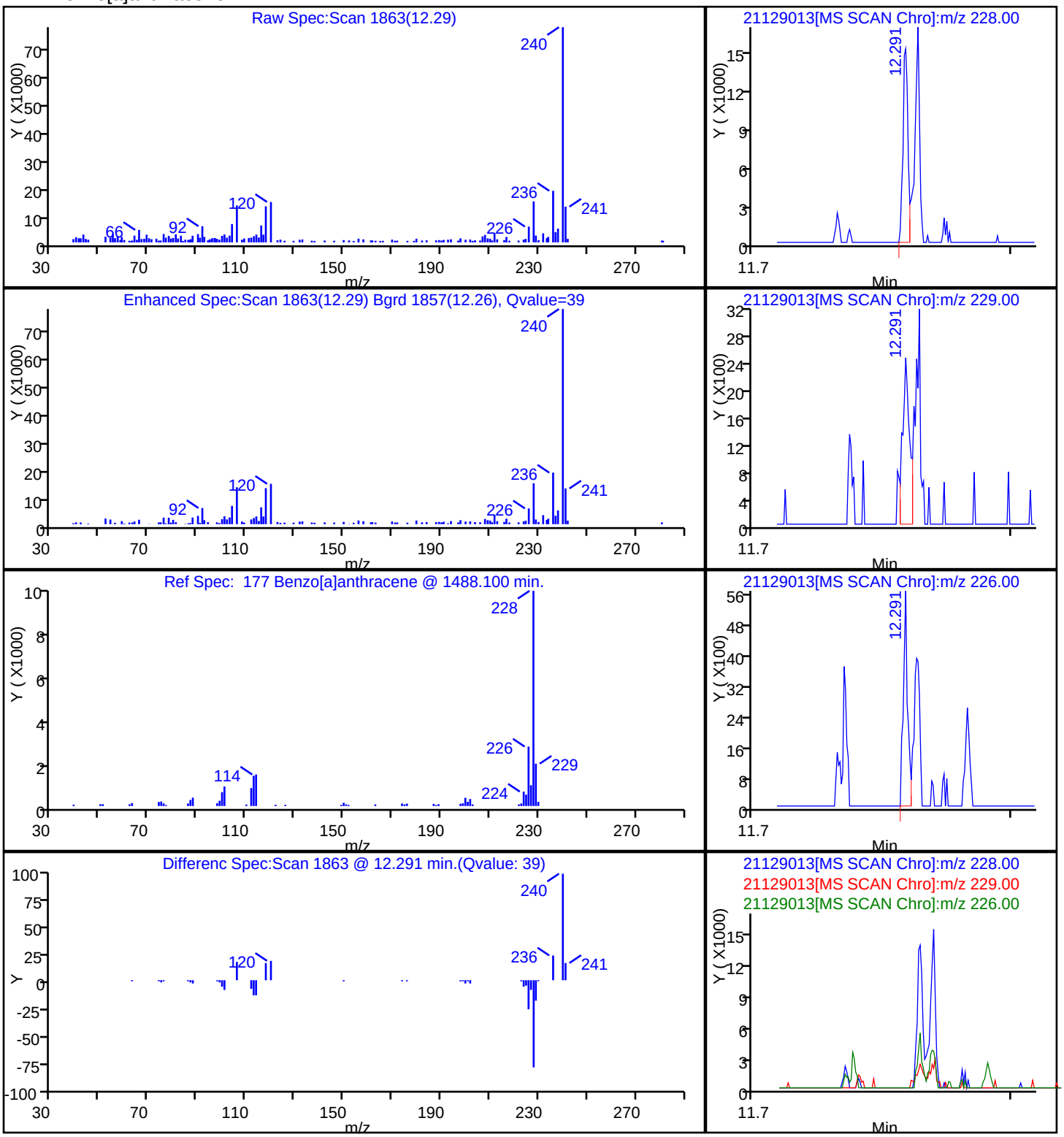
Report Date: 29-Nov-2012 14:09:42 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129013.D

Injection Date:	29-Nov-2012 12:54:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SD-0012-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	66702	Lims Sample ID:	13
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

177 Benzo[a]anthracene

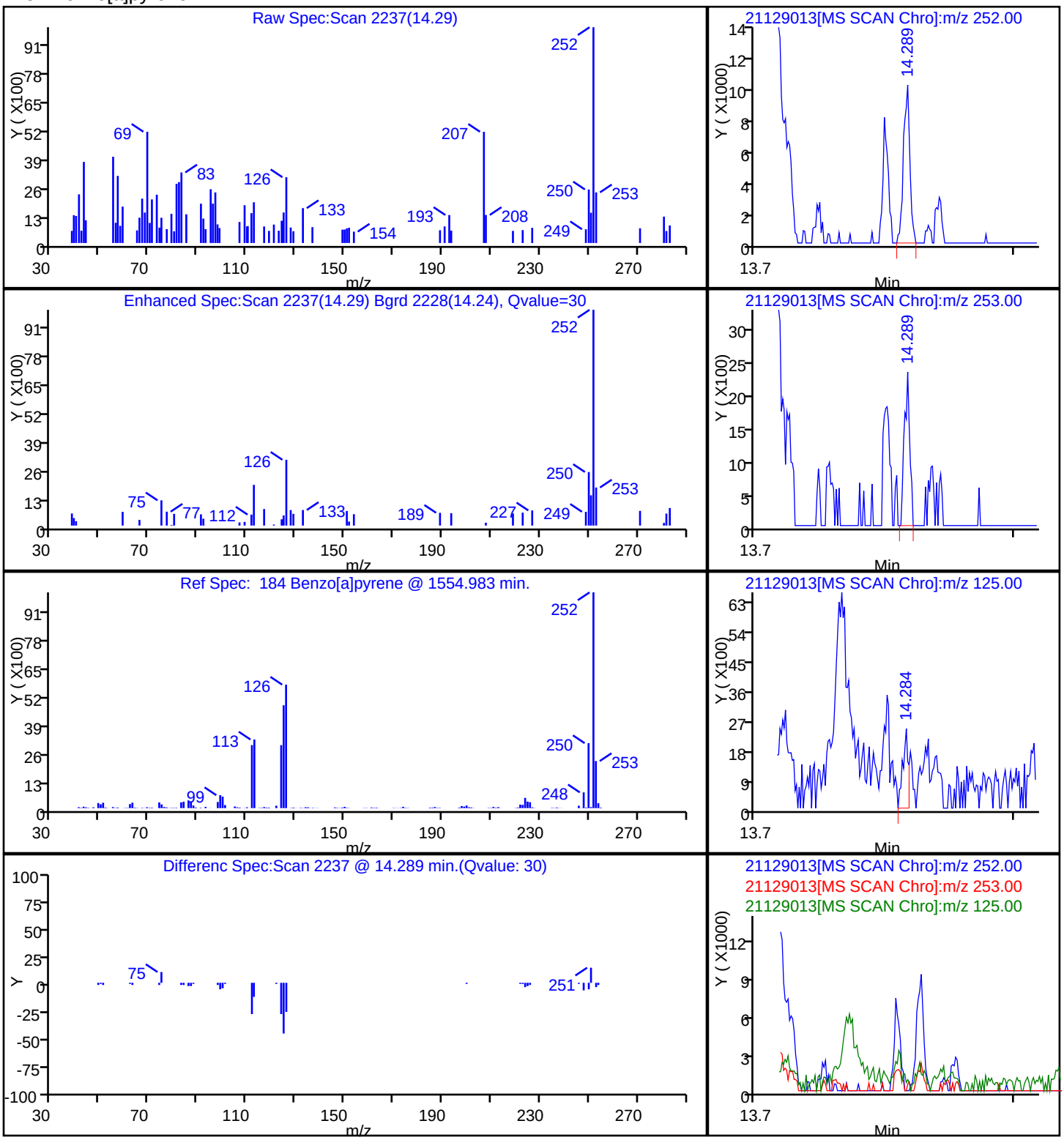


Report Date: 29-Nov-2012 14:09:42 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129013.D		
Injection Date:	29-Nov-2012 12:54:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SD-0012-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	66702	Lims Sample ID:	13
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

184 Benzo[a]pyrene



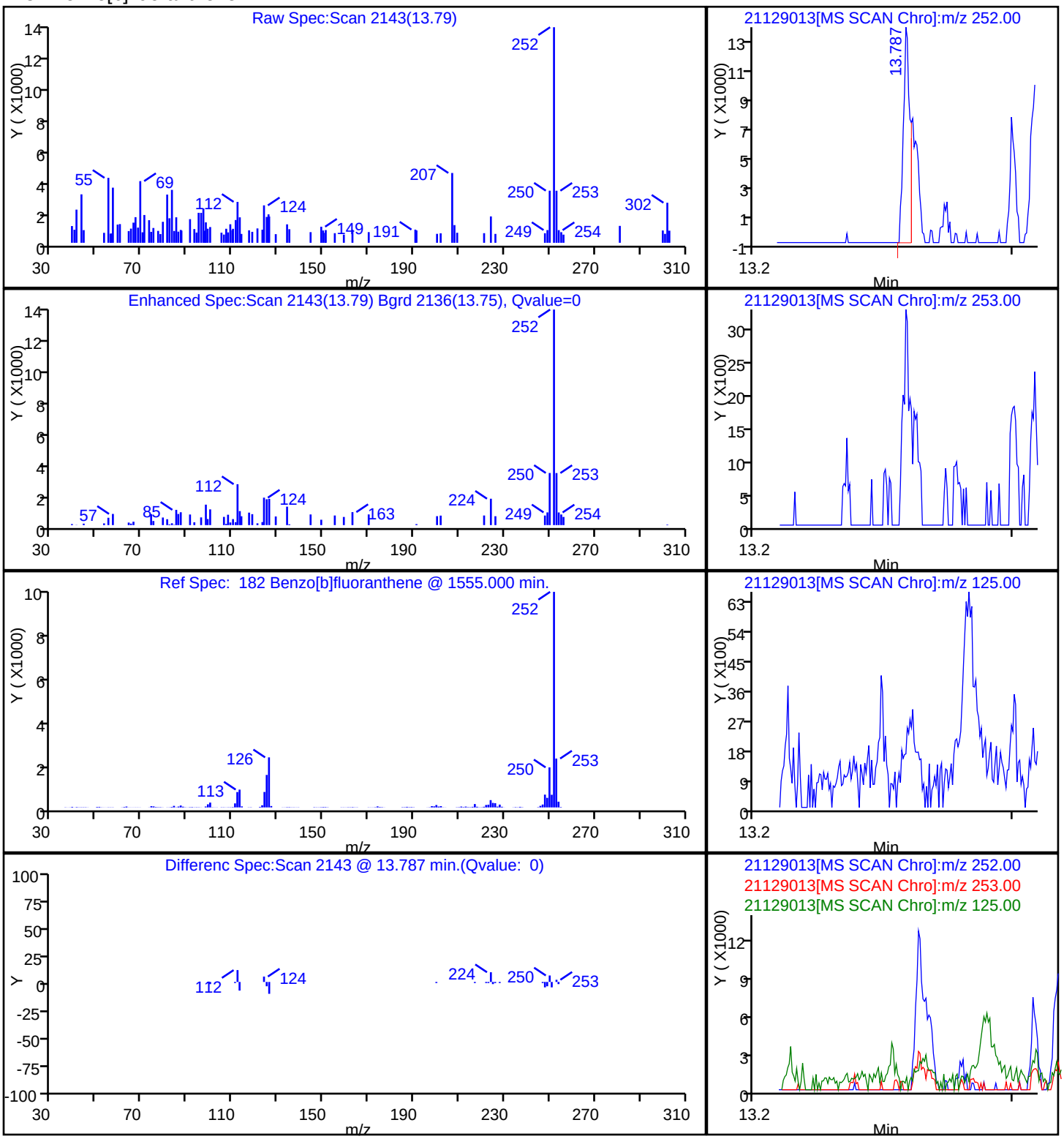
Report Date: 29-Nov-2012 14:09:42 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129013.D

Injection Date:	29-Nov-2012 12:54:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SD-0012-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	66702	Lims Sample ID:	13
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

182 Benzo[b]fluoranthene



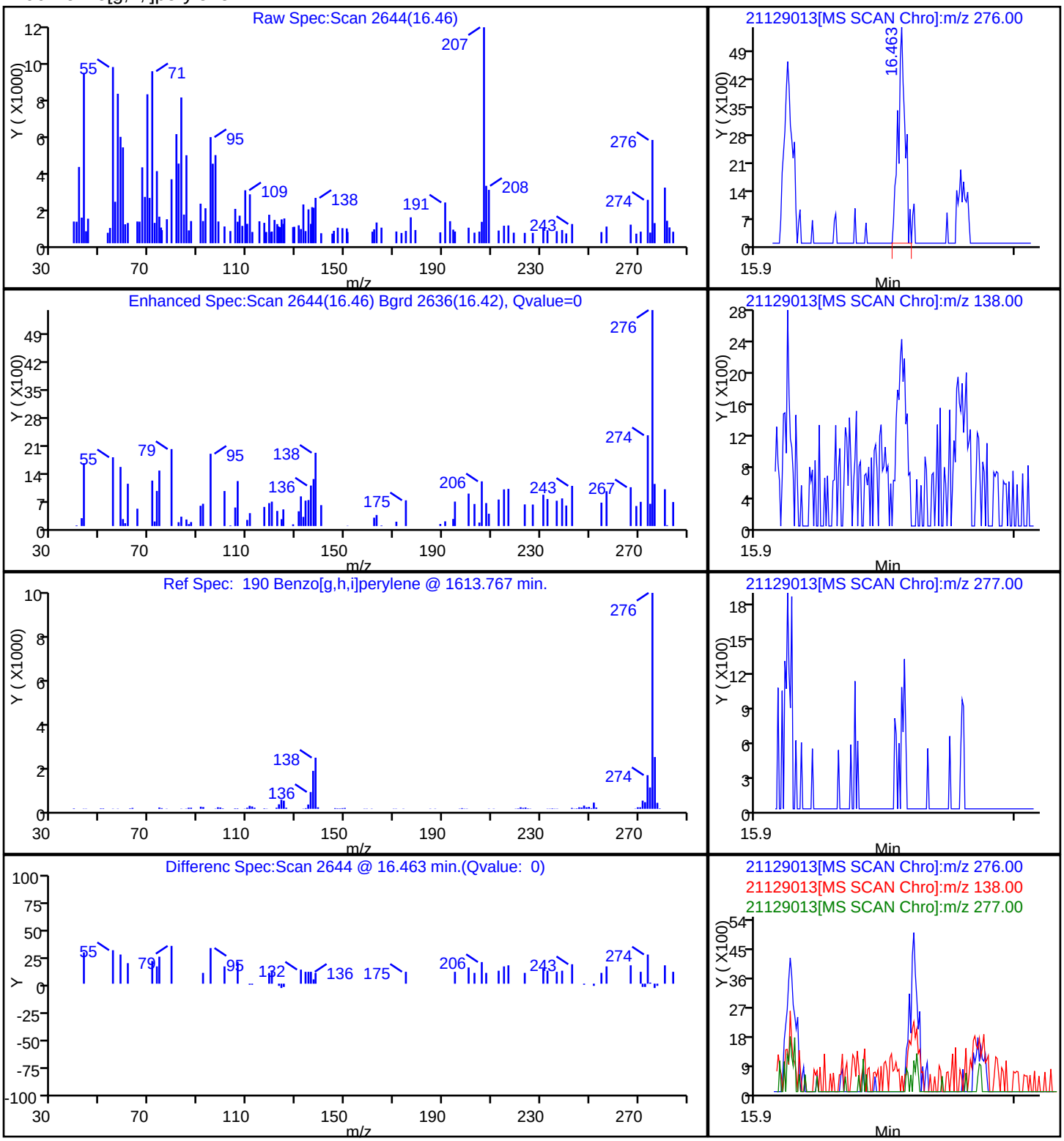
Report Date: 29-Nov-2012 14:09:42 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129013.D

Injection Date:	29-Nov-2012 12:54:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SD-0012-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	66702	Lims Sample ID:	13
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

190 Benzo[g,h,i]perylene



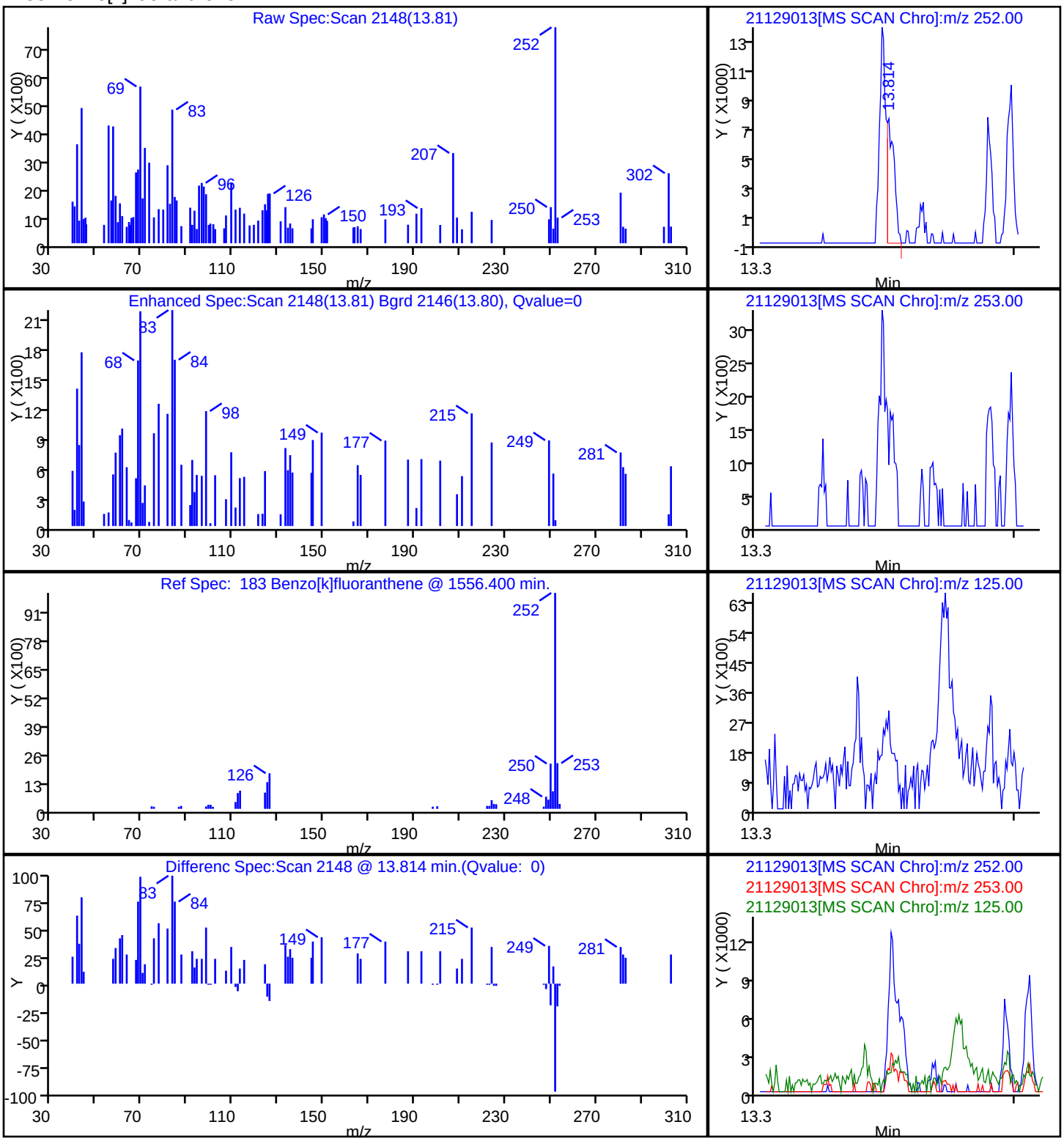
Report Date: 29-Nov-2012 14:09:42 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129013.D

Injection Date:	29-Nov-2012 12:54:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SD-0012-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	66702	Lims Sample ID:	13
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

183 Benzo[k]fluoranthene



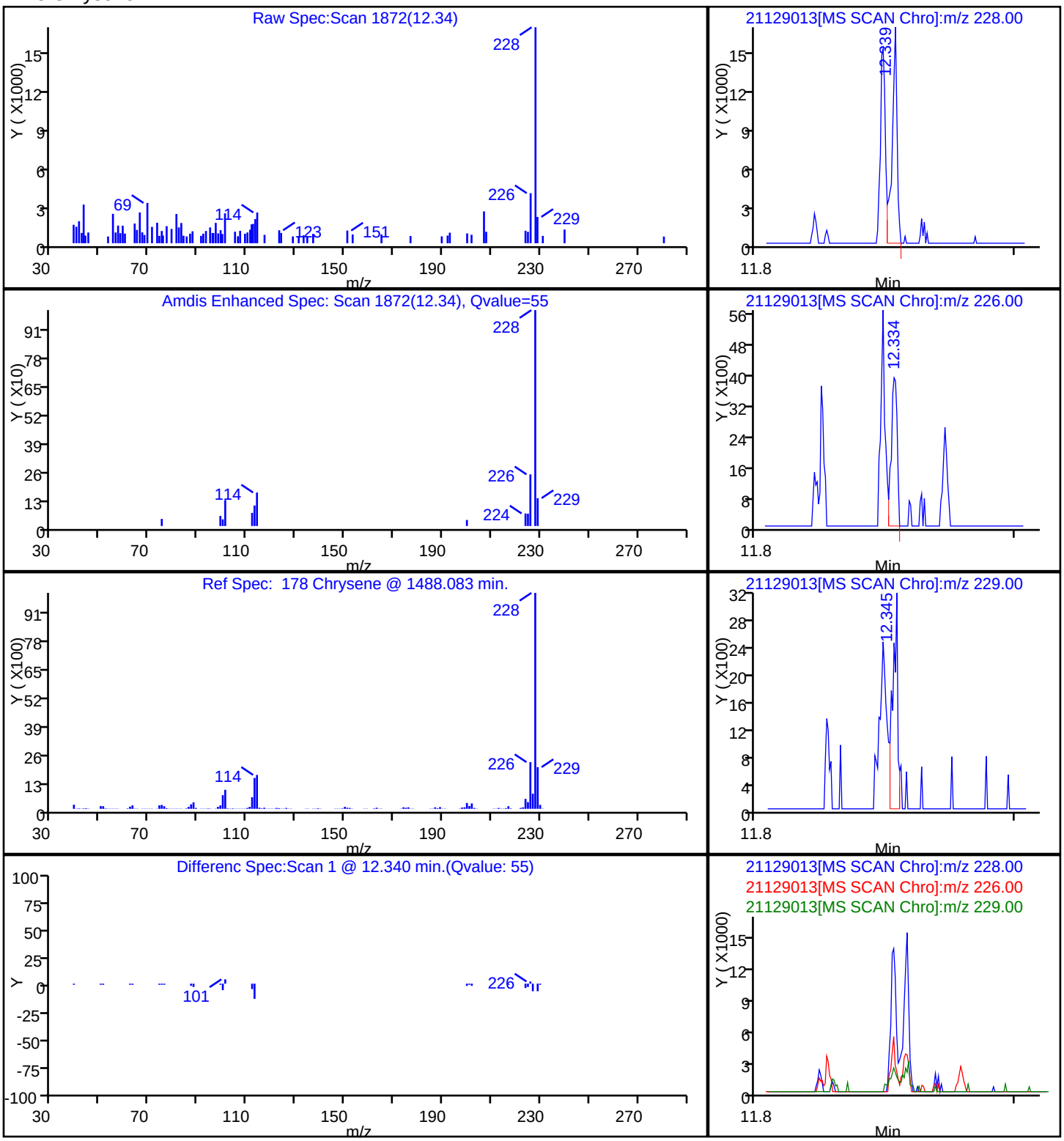
Report Date: 29-Nov-2012 14:09:42 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129013.D

Injection Date:	29-Nov-2012 12:54:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SD-0012-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	66702	Lims Sample ID:	13
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

178 Chrysene



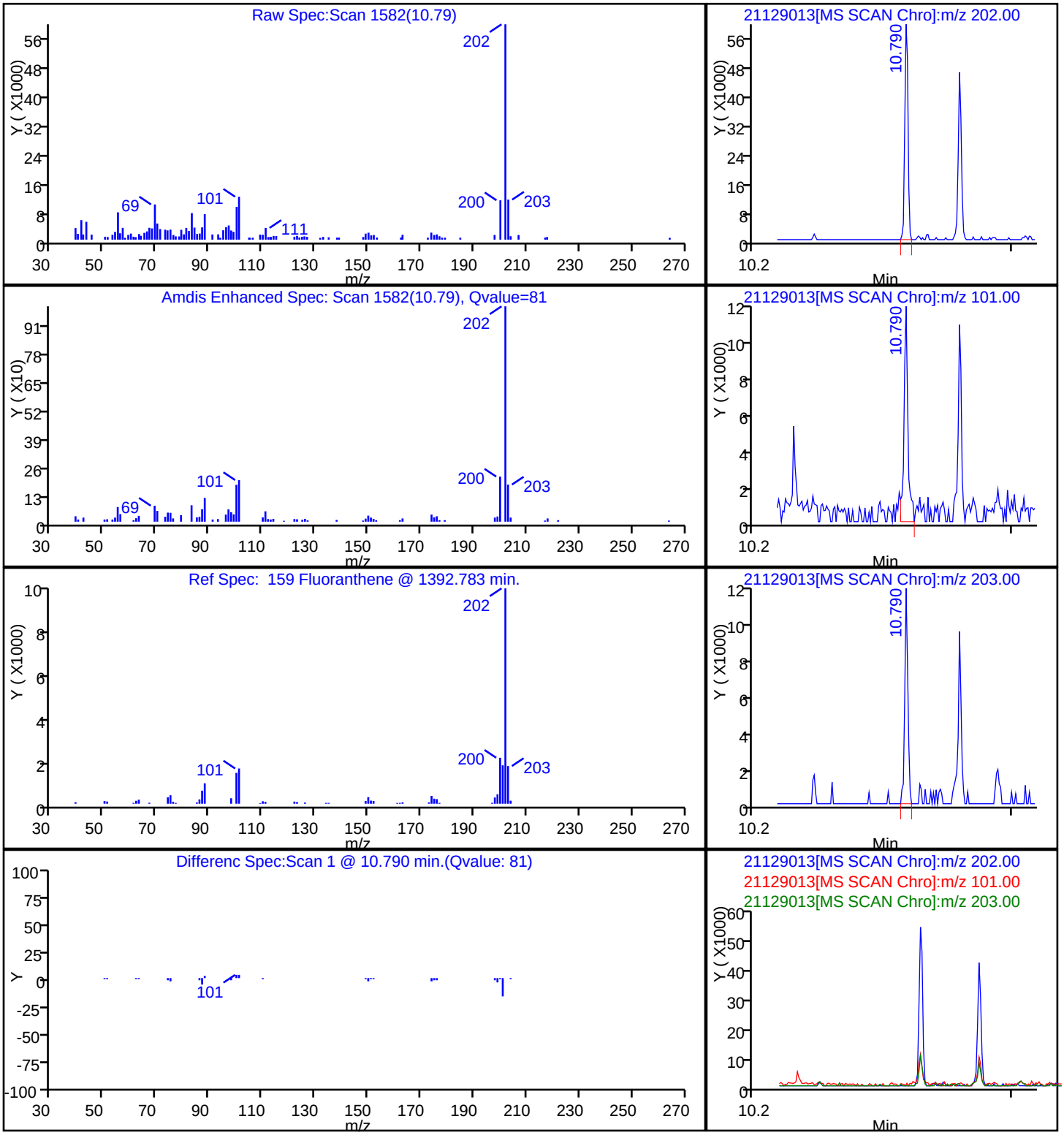
Report Date: 29-Nov-2012 14:09:42 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129013.D

Injection Date:	29-Nov-2012 12:54:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SD-0012-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	66702	Lims Sample ID:	13
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

159 Fluoranthene

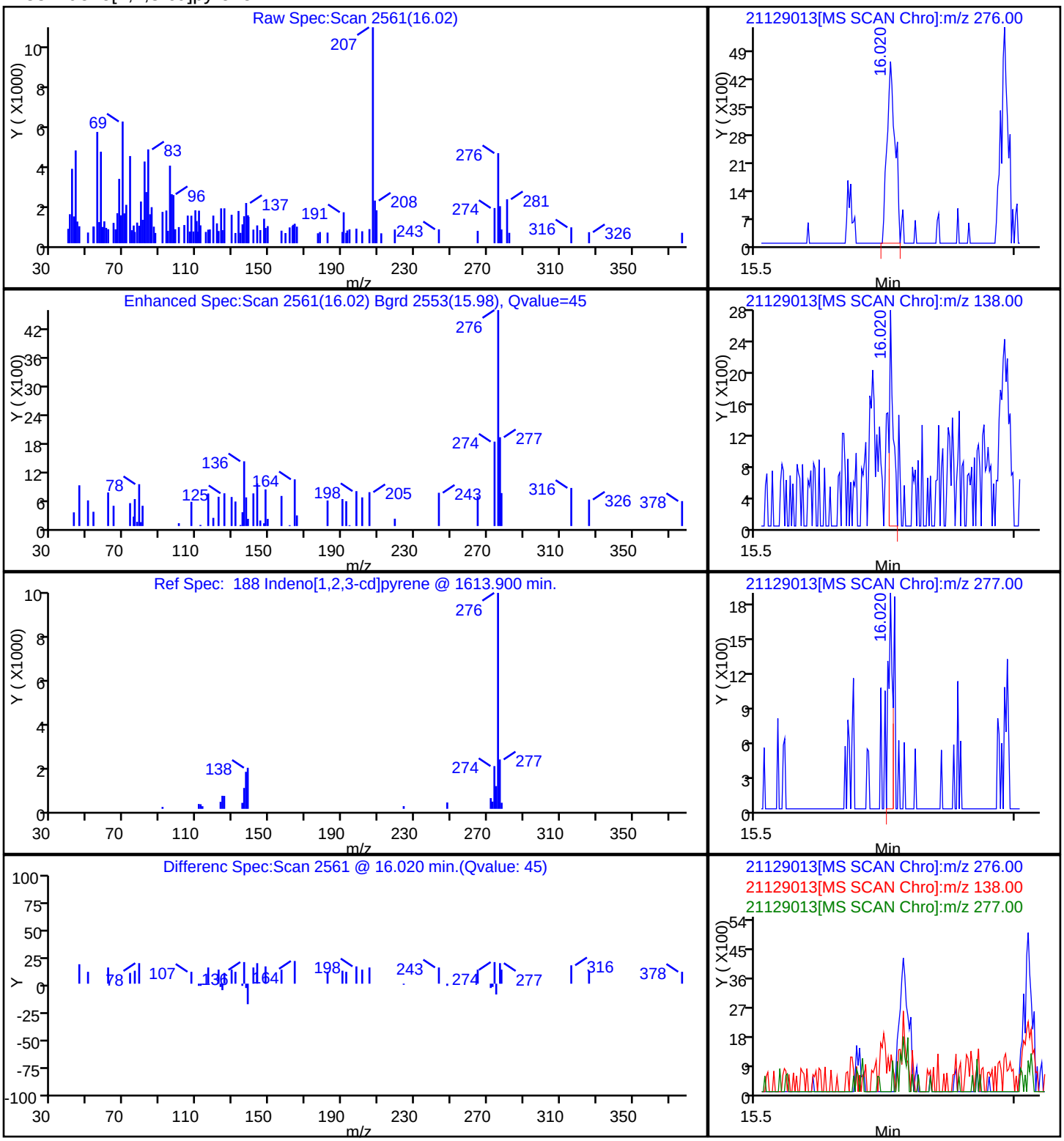


Report Date: 29-Nov-2012 14:09:42 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129013.D		
Injection Date:	29-Nov-2012 12:54:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SD-0012-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	66702	Lims Sample ID:	13
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

188 Indeno[1,2,3-cd]pyrene



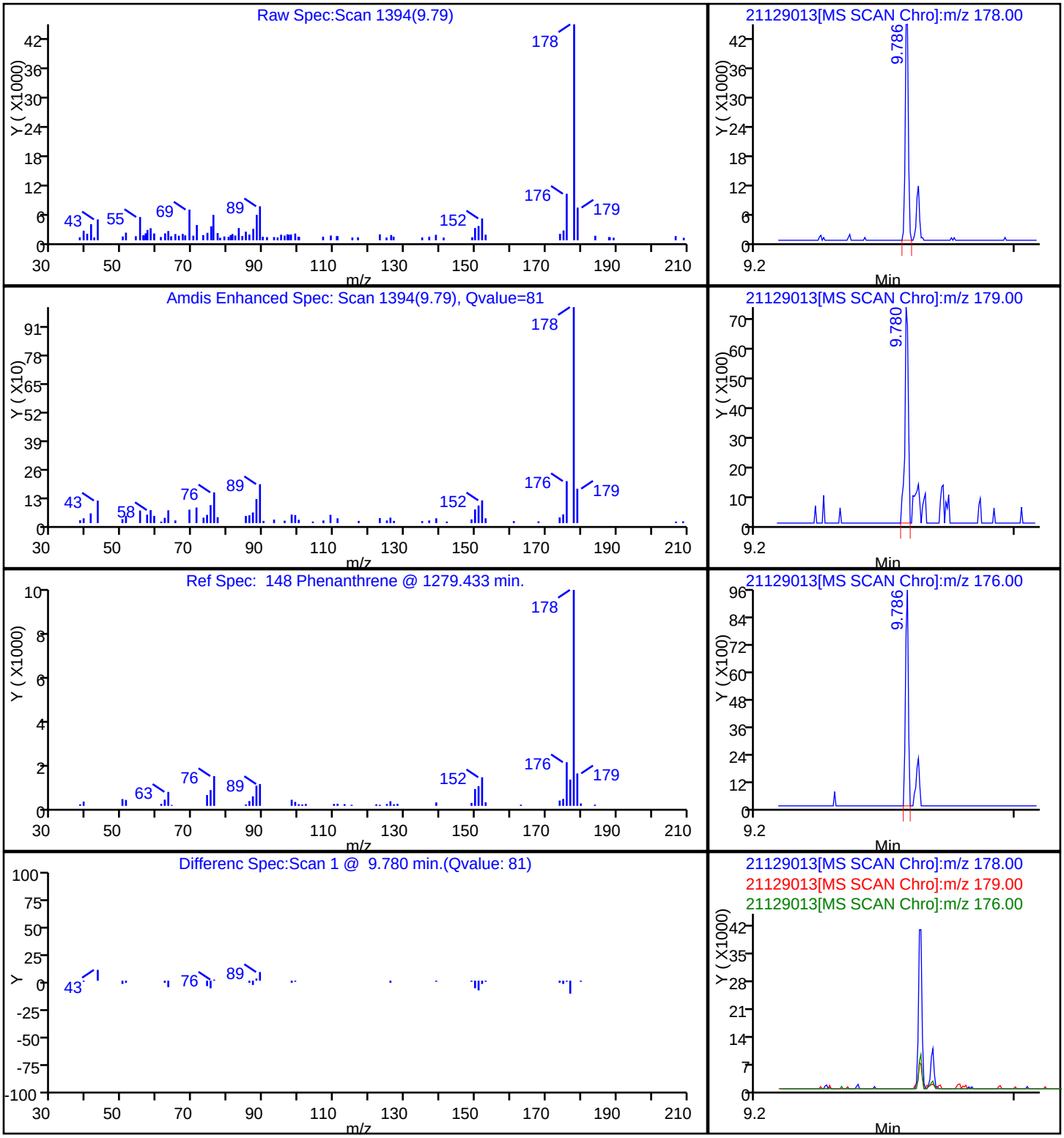
Report Date: 29-Nov-2012 14:09:42 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129013.D

Injection Date:	29-Nov-2012 12:54:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SD-0012-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	66702	Lims Sample ID:	13
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

148 Phenanthrene



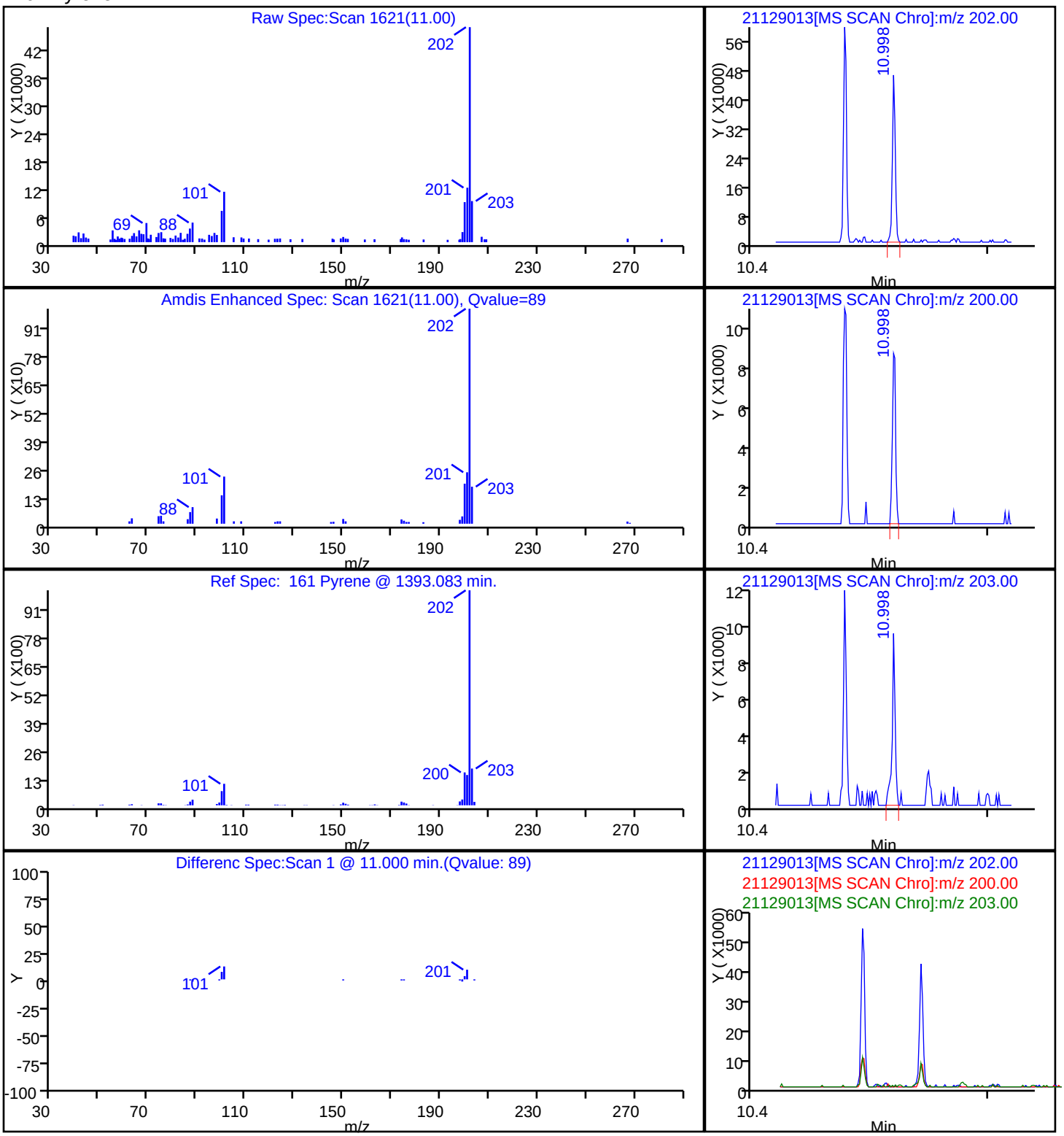
Report Date: 29-Nov-2012 14:09:42 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129013.D

Injection Date:	29-Nov-2012 12:54:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SD-0012-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	66702	Lims Sample ID:	13
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

161 Pyrene



Report Date: 29-Nov-2012 14:09:42 Chrom Revision: 2.0 27-Nov-2012 13:14:12

Manual Integration/User Assign Peak Report

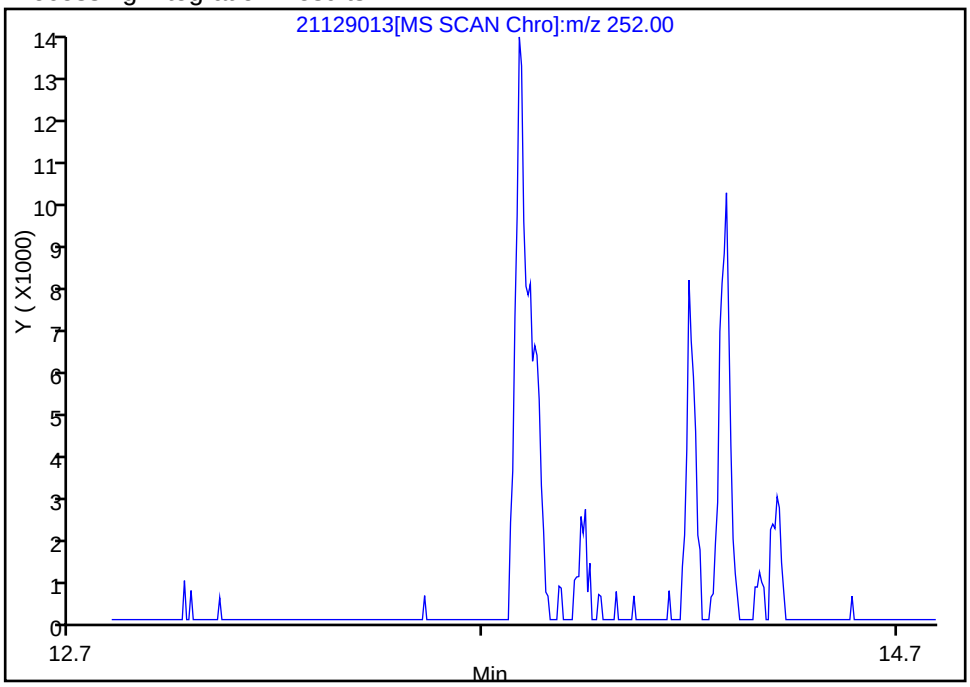
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129013.D		
Injection Date:	29-Nov-2012 12:54:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SD-0012-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	66702	Lims Sample ID:	13
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

182 Benzo[b]fluoranthene, Signal: 1, m/z: 252.0 Type: quant, RT: 13.80

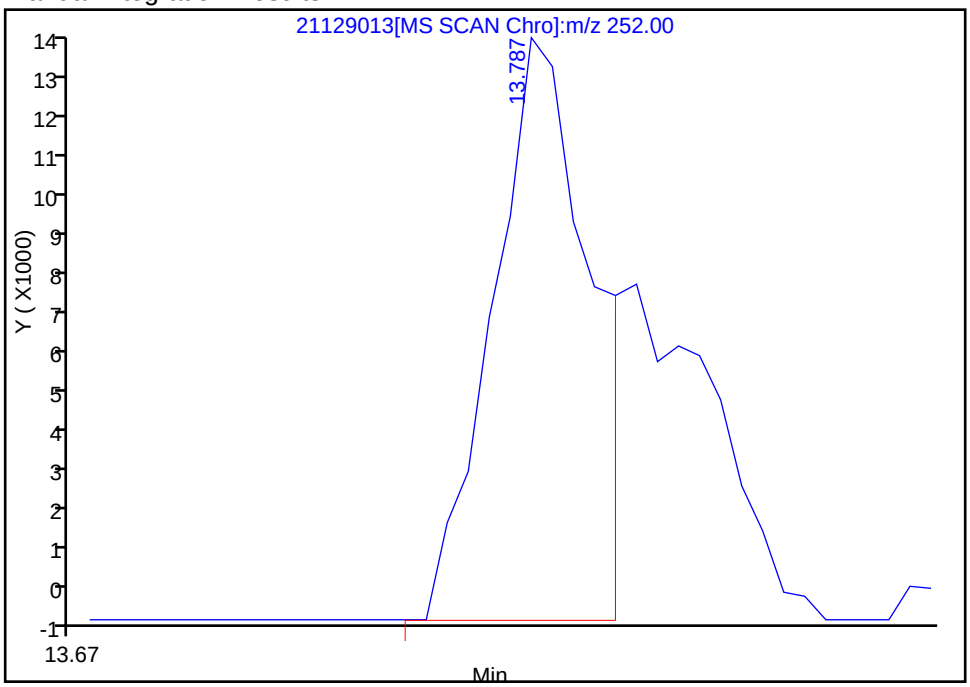
Processing Integration Results

Not Detected
Expected RT: 13.80



Manual Integration Results

RT: 13.79
Response: 23419
Amount: 0.286517



Reviewer: ulmanm, 29-Nov-2012 13:31:27
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

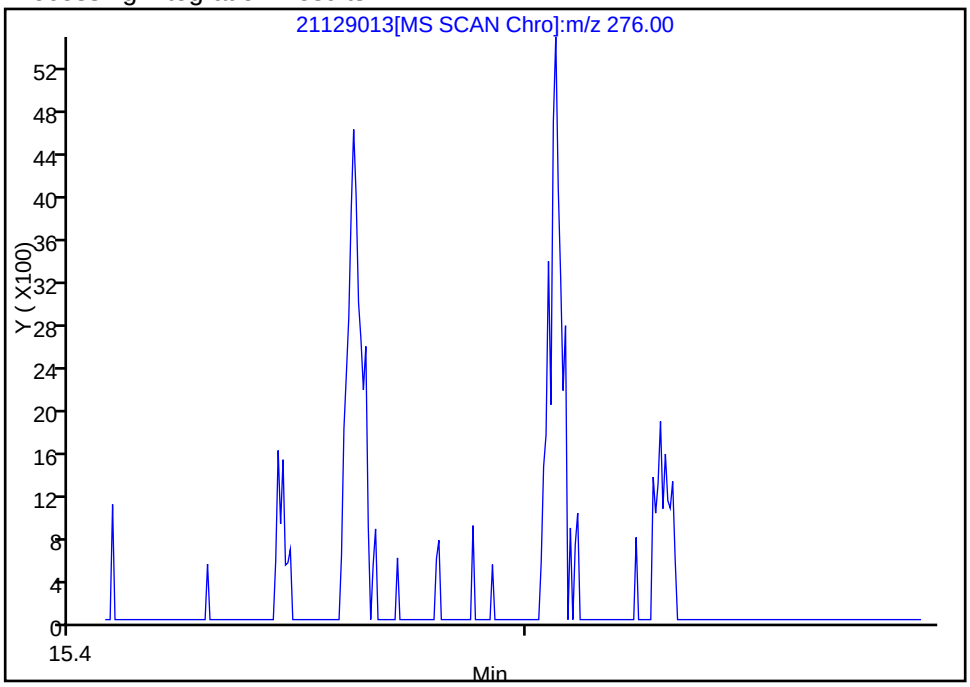
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129013.D		
Injection Date:	29-Nov-2012 12:54:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SD-0012-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	66702	Lims Sample ID:	13
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

190 Benzo[g,h,i]perylene, Signal: 1, m/z: 276.0 Type: quant, RT: 16.47

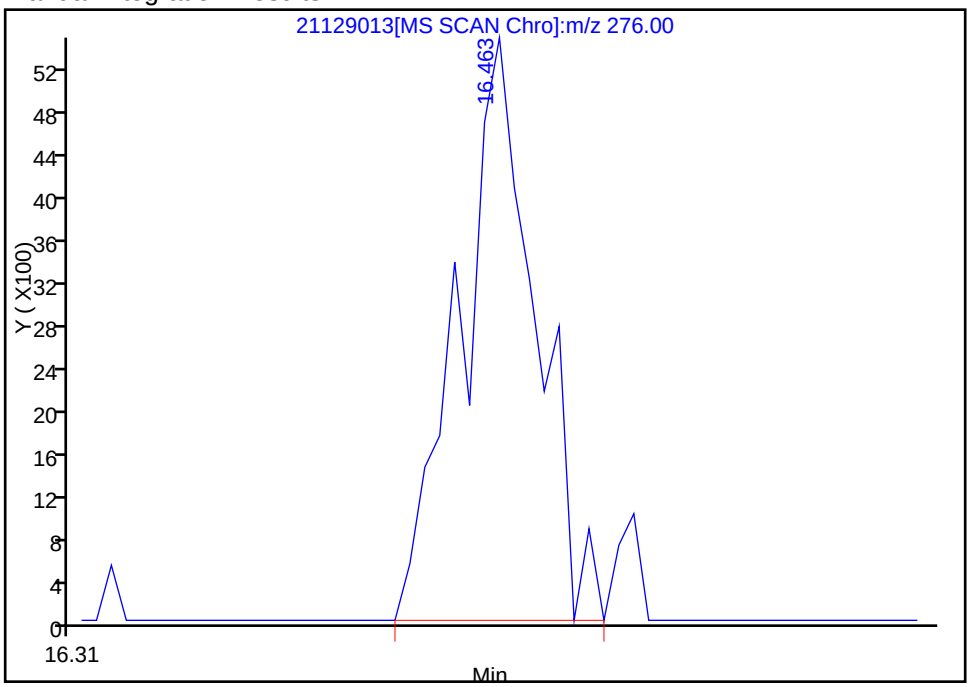
Processing Integration Results

Not Detected
Expected RT: 16.47



Manual Integration Results

RT: 16.46
Response: 10267
Amount: 0.139664



Reviewer: ulmanm, 29-Nov-2012 13:31:27
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

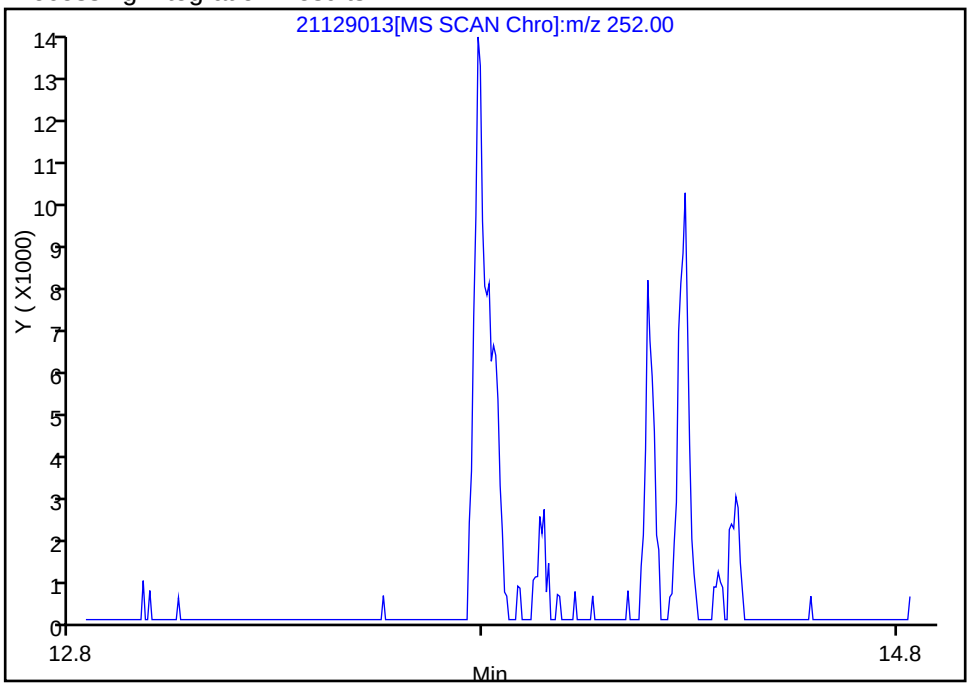
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129013.D		
Injection Date:	29-Nov-2012 12:54:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SD-0012-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	66702	Lims Sample ID:	13
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

183 Benzo[k]fluoranthene, Signal: 1, m/z: 252.0 Type: quant, RT: 13.83

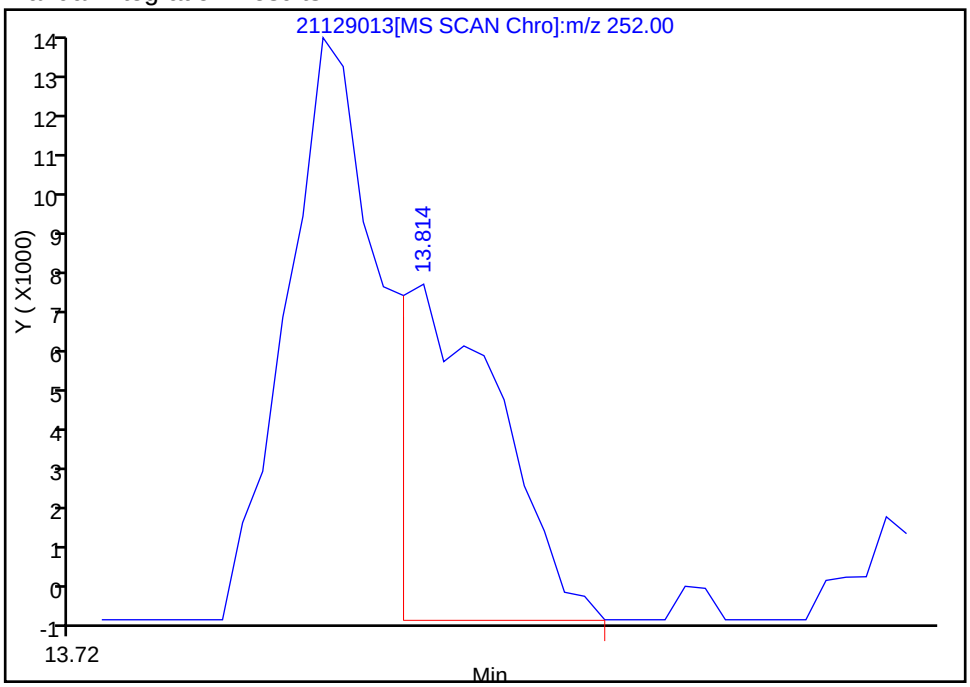
Processing Integration Results

Not Detected
Expected RT: 13.83



Manual Integration Results

RT: 13.81
Response: 14552
Amount: 0.168078



Reviewer: ulmanm, 29-Nov-2012 13:31:27
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

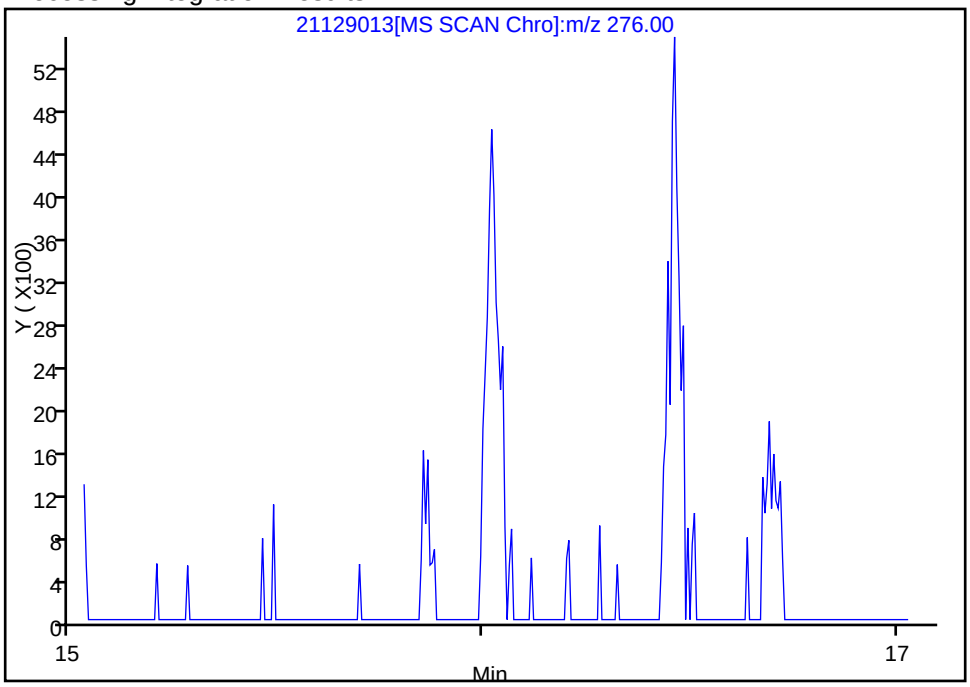
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129013.D		
Injection Date:	29-Nov-2012 12:54:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SD-0012-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	66702	Lims Sample ID:	13
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

188 Indeno[1,2,3-cd]pyrene, Signal: 1, m/z: 276.0 Type: quant, RT: 16.03

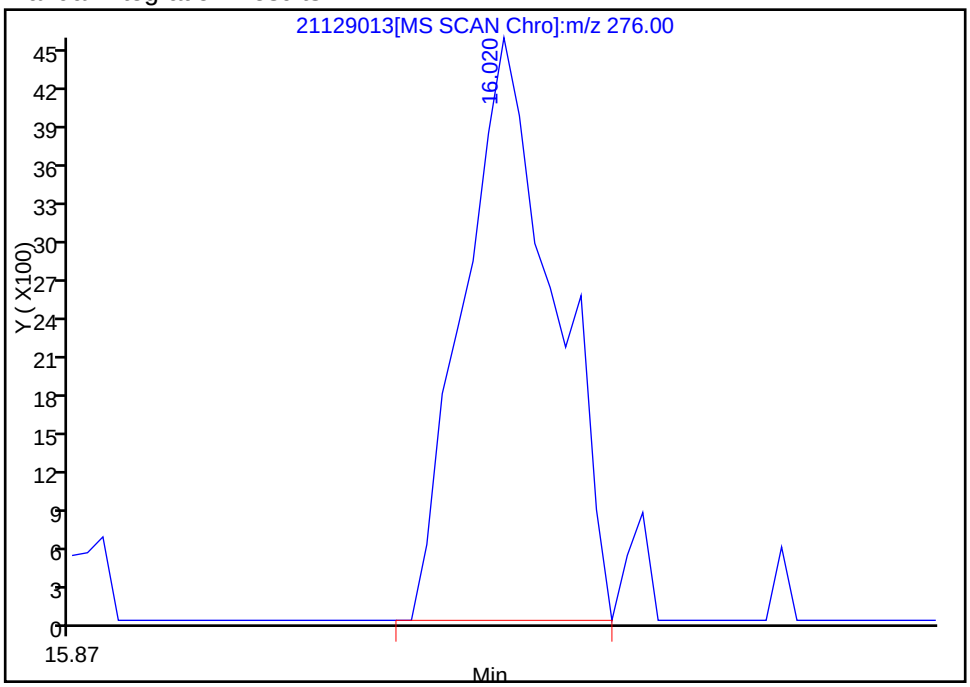
Processing Integration Results

Not Detected
Expected RT: 16.03



Manual Integration Results

RT: 16.02
Response: 9916
Amount: 0.114408



Reviewer: ulmanm, 29-Nov-2012 13:31:27
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-17317-1 Analy Batch No.: 64102

SDG No.:

Instrument ID: A4HP7 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/07/2012 11:44 Calibration End Date: 11/07/2012 14:51 Calibration ID: 12247

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 240-64102/6	21107006.D
Level 2	STD2 240-64102/5	21107005.D
Level 3	STD3 240-64102/4	21107004.D
Level 4	STD4 240-64102/3	21107003.D
Level 5	STD5 240-64102/2	21107002.D
Level 6	STD6 240-64102/10	21107010.D
Level 7	STD7 240-64102/9	21107009.D
Level 8	STD8 240-64102/8	21107008.D
Level 9	STD9 240-64102/7	21107007.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,4-Dioxane	0.5098	0.4258 0.4025	0.4233 0.4000	0.5026 0.5258	0.5238	Ave		0.4642			0.0500	12.0		15.0			
N-Nitrosodimethylamine	0.7466	0.6150 0.8001	0.5266 0.8648	0.6430 0.8002	0.7826	Qua	-0.306	0.8297	0.0001		0.0500				0.9960		0.9950
Pyridine	1.4012	1.0155 1.3966	1.1996 1.4827	1.3443 1.4204	1.3817	Ave		1.3303			0.0500	11.0		15.0			
Ethyl methacrylate	1.1053	1.0237 1.0809	1.0903 1.1665	1.1162 1.1059	1.1536	Ave		1.1053			0.0500	4.0		15.0			
3-Chloropropionitrile	0.7989	0.6637 0.7606	0.6150 0.8291	0.6839 0.7714	0.7780	Ave		0.7376			0.0500	10.0		15.0			
Malononitrile	1.5126	1.0434 1.4755	1.2150 1.6007	1.4016 1.4411	1.4417	Ave		1.3915			0.0500	13.0		15.0			
Benzaldehyde	1.1223 0.9797	1.1474 0.9098	1.1435 0.8355	1.1028 +++++	1.1020	Ave		1.0429			0.0500	11.0		15.0			
Phenol	1.6961	1.5065 1.6700	1.6375 1.7836	1.7118 1.6917	1.6927	Ave		1.6737			0.0500	4.7		15.0			
Aniline	2.0926	1.9993 2.0854	2.0423 2.2370	2.0653 2.1256	2.0983	Ave		2.0932			0.0500	3.3		15.0			
Bis(2-chloroethyl)ether	1.3021	1.2999 1.2645	1.2714 1.3657	1.2622 1.2964	1.2800	Ave		1.2928			0.0500	2.6		15.0			
2-Chlorophenol	1.3572	1.3048 1.3270	1.3231 1.4546	1.3092 1.3716	1.3699	Ave		1.3522			0.0500	3.6		15.0			
1,3-Dichlorobenzene	1.4700	1.4809 1.4147	1.4524 1.5251	1.4366 1.4428	1.4372	Ave		1.4574			0.0500	2.3		15.0			
Benzoic acid	0.2142	+++++ 0.2275	0.1082 0.2443	0.1557 0.2336	0.1997	Qua	-0.342	0.2370	0.0001		0.0500				0.9980		0.9950

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-17317-1 Analy Batch No.: 64102

SDG No.:

Instrument ID: A4HP7 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/07/2012 11:44 Calibration End Date: 11/07/2012 14:51 Calibration ID: 12247

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,4-Dichlorobenzene	1.4395	1.4050 1.4081	1.5397 1.4964	1.4354 1.4211	1.4367	Ave		1.4477			0.0500	3.2		15.0			
Benzyl alcohol	0.8556	0.7337 0.8469	0.8131 0.9137	0.8062 0.8702	0.8262	Ave		0.8332			0.0500	6.4		15.0			
1,2-Dichlorobenzene	1.3705	1.4038 1.3315	1.3652 1.4410	1.3667 1.3812	1.3835	Ave		1.3804			0.0500	2.3		15.0			
2-Methylphenol	1.2483	1.1180 1.2025	1.1600 1.3213	1.2161 1.2534	1.2403	Ave		1.2200			0.0500	5.1		15.0			
bis (2-chloroisopropyl) ether	1.8650	1.8783 1.8356	1.9286 2.0334	1.8899 1.8770	1.8696	Ave		1.8972			0.0500	3.2		15.0			
3 & 4 Methylphenol	1.3018	1.2326 1.2779	1.1884 1.3978	1.2611 1.2867	1.2851	Ave		1.2789			0.0500	4.7		15.0			
N-Nitrosodi-n-propylamine	0.9250	0.8236 0.9070	0.8471 0.9792	0.9082 0.9177	0.9391	Ave		0.9059			0.0500	5.5		15.0			
Acetophenone	1.7864	1.7810 1.7584	1.7811 1.9057	1.8130 1.8063	1.8313	Ave		1.8079			0.0500	2.5		15.0			
Hexachloroethane	0.5803	0.6397 0.5697	0.5746 0.6095	0.5678 0.5781	0.5877	Ave		0.5884			0.0500	4.2		15.0			
Nitrobenzene	0.3721	0.3322 0.3640	0.3444 0.3849	0.3655 0.3788	0.3660	Ave		0.3635			0.0500	4.8		15.0			
2,4-Dinitrophenol	0.1765	+++++ 0.1941	+++++ 0.2021	0.1239 0.1948	0.1518	Qua	-0.481	0.2109	0		0.0500				0.9980		0.9950
Isophorone	0.6476	0.5485 0.6449	0.5969 0.7001	0.6299 0.6793	0.6570	Ave		0.6380			0.0500	7.5		15.0			
2-Nitrophenol	0.1846	0.1386 0.1803	0.1450 0.1892	0.1662 0.1829	0.1815	Ave		0.1710			0.0500	11.0		15.0			
1,3,5-Trichlorobenzene	0.3164	0.3122 0.3053	0.3368 0.3192	0.3135 0.3116	0.3224	Ave		0.3172			0.0500	3.0		15.0			
2,4-Dimethylphenol	0.3404	0.2987 0.3364	0.3475 0.3515	0.3369 0.3432	0.3353	Ave		0.3362			0.0500	4.8		15.0			
Bis(2-chloroethoxy)methane	0.4021	0.3889 0.3990	0.4036 0.4147	0.4126 0.4087	0.4122	Ave		0.4052			0.0500	2.1		15.0			
2,4-Dichlorophenol	0.2713	0.2421 0.2687	0.2419 0.2875	0.2616 0.2814	0.2712	Ave		0.2657			0.0500	6.3		15.0			
1,2,4-Trichlorobenzene	0.3131	0.3227 0.3098	0.3195 0.3193	0.3147 0.3186	0.3173	Ave		0.3169			0.0500	1.3		15.0			
Naphthalene	0.9105 1.0019	0.9983 0.9967	0.9777 1.0621	0.9833 1.0522	1.0125	Ave		0.9995			0.0500	4.4		15.0			
4-Chloroaniline	0.4328	0.3864 0.4270	0.4043 0.4590	0.4265 0.4444	0.4280	Ave		0.4261			0.0500	5.3		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-17317-1 Analy Batch No.: 64102

SDG No.:

Instrument ID: A4HP7 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/07/2012 11:44 Calibration End Date: 11/07/2012 14:51 Calibration ID: 12247

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Hexachlorobutadiene	0.1723	0.1815 0.1648	0.1756 0.1728	0.1707 0.1721	0.1632	Ave		0.1716			0.0500	3.4		15.0			
Caprolactam	0.0928	0.0513 0.1026	0.0744 0.0913	0.0901 0.0846	0.0970	Qua	-0.053	0.1187	-0.001		0.0500				0.9970		0.9950
4-Chloro-3-methylphenol	0.2896	0.2513 0.2886	0.2699 0.3116	0.2780 0.3041	0.2902	Ave		0.2854			0.0500	6.7		15.0			
2-Methylnaphthalene	0.5957 0.6414	0.6587 0.6257	0.6252 0.6720	0.6353 0.6588	0.6409	Ave		0.6393			0.0500	3.6		15.0			
1-Methylnaphthalene	0.5613 0.6120	0.5620 0.6131	0.6006 0.6420	0.6295 0.6346	0.6201	Ave		0.6084			0.0500	4.8		15.0			
1,2,3,5-Tetrachlorobenzene	0.5377	0.5627 0.5320	0.5476 0.5410	0.5332 0.5292	0.5659	Ave		0.5437			0.0500	2.6		15.0			
Hexachlorocyclopentadiene	0.3321	0.3044 0.3273	0.2902 0.3513	0.3153 0.3438	0.3287	Ave		0.3241			0.0500	6.2		15.0			
2,4,6-Trichlorophenol	0.3564	0.2820 0.3537	0.3048 0.3708	0.3205 0.3569	0.3522	Ave		0.3372			0.0500	9.2		15.0			
4,6-Dinitro-2-methylphenol	0.1332	+++++ 0.1334	0.0737 0.1454	0.0882 0.1421	0.1162	Qua	-0.091	0.1373	0.0004		0.0500				0.9990		0.9950
2,4,5-Trichlorophenol	0.3838	0.2978 0.3845	0.3338 0.4018	0.3572 0.3775	0.3691	Ave		0.3632			0.0500	9.2		15.0			
2,4-Toluene diamine	0.2040	0.2174 0.1846	0.2277 0.1679	0.2230 0.1793	0.2252	Ave		0.2036			0.0500	12.0		15.0			
1,1'-Biphenyl	1.4859 1.3972	1.3995 1.3777	1.3829 1.4625	1.3912 1.3964	1.4213	Ave		1.4127			0.0500	2.6		15.0			
2-Chloronaphthalene	1.0803 1.1163	1.1085 1.0859	1.0968 1.1464	1.1127 1.0969	1.0971	Ave		1.1046			0.0500	1.8		15.0			
2-Nitroaniline	0.3491	0.2778 0.3477	0.2713 0.3698	0.3032 0.3479	0.3271	Ave		0.3242			0.0500	11.0		15.0			
Dimethyl phthalate	1.1987	1.1235 1.1820	1.1109 1.2682	1.1428 1.2104	1.1617	Ave		1.1748			0.0500	4.4		15.0			
2,6-Dinitrotoluene	0.2715	0.1744 0.2632	0.1956 0.2877	0.2063 0.2705	0.2441	Qua	-0.114	0.2818	0		0.0500				0.9980		0.9950
1,2-Dinitrobenzene	0.1380	0.1060 0.1435	0.1036 0.1514	0.1254 0.1442	0.1308	Ave		0.1303			0.0500	14.0		15.0			
Acenaphthylene	1.7126 1.8793	1.7459 1.8562	1.6910 1.9899	1.7949 1.9173	1.8341	Ave		1.8246			0.0500	5.4		15.0			
3-Nitroaniline	0.3205	0.2209 0.3212	0.2379 0.3478	0.2753 0.3271	0.3019	Ave		0.2941			0.0500	15.0		15.0			
Acenaphthene	1.0184 1.1063	1.1266 1.0621	1.1206 1.1301	1.1148 1.0865	1.1101	Ave		1.0973			0.0500	3.3		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-17317-1 Analy Batch No.: 64102

SDG No.:

Instrument ID: A4HP7 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/07/2012 11:44 Calibration End Date: 11/07/2012 14:51 Calibration ID: 12247

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
4-Nitrophenol	0.1836	0.1310 0.1821	0.1417 0.1968	0.1566 0.1898	0.1733	Ave		0.1694			0.0500	14.0		15.0			
2,4-Dinitrotoluene	0.3607	0.2264 0.3599	0.2488 0.3926	0.3014 0.3747	0.3412	Qua	-0.127	0.3704	0.0006		0.0500				0.9980		0.9950
Dibenzofuran	1.7193 1.6180	1.5780 1.6036	1.5718 1.7016	1.6076 1.6465	1.6104	Ave		1.6285			0.0500	3.2		15.0			
2,3,5,6-Tetrachlorophenol	0.3223	0.2284 0.3208	0.2595 0.3433	0.2792 0.3254	0.3164	Ave		0.2994			0.0500	13.0		15.0			
Diethyl phthalate	1.2294	1.1783 1.2226	1.1857 1.3397	1.1716 1.2653	1.2324	Ave		1.2281			0.0500	4.5		15.0			
4-Chlorophenyl phenyl ether	0.6357	0.5733 0.6065	0.6180 0.6588	0.6260 0.6156	0.6157	Ave		0.6187			0.0500	4.0		15.0			
4-Nitroaniline	0.3167	0.2009 0.3139	0.2466 0.3397	0.2878 0.3185	0.3130	Qua	-0.094	0.3343	0		0.0500				0.9980		0.9950
Fluorene	1.2550 1.3314	1.2851 1.2890	1.3063 1.3521	1.3185 1.3149	1.3171	Ave		1.3077			0.0500	2.2		15.0			
N-Nitrosodiphenylamine	0.5728	0.4888 0.5500	0.5058 0.5914	0.5695 0.5772	0.5578	Ave		0.5517			0.0500	6.5		15.0			
1,2-Diphenylhydrazine(as Azobenzene)	0.7981	0.7105 0.7796	0.7344 0.8275	0.7817 0.8098	0.7914	Ave		0.7785			0.0500	5.1		15.0			
Azobenzene	0.7981	0.7105 0.7796	0.7300 0.8276	0.7807 0.8098	0.7914	Ave		0.7785			0.0500	5.1		15.0			
4-Bromophenyl phenyl ether	0.2103	0.2038 0.2029	0.1921 0.2110	0.1976 0.2065	0.2078	Ave		0.2040			0.0500	3.2		15.0			
Hexachlorobenzene	0.2152 0.2098	0.2166 0.1993	0.2112 0.2102	0.2097 0.2062	0.2126	Ave		0.2101			0.0500	2.4		15.0			
Atrazine	0.1636	0.1172 0.1499	0.1507 0.1484	0.1589 0.1487	0.1638	Ave		0.1501			0.0500	9.9		15.0			
Pentachlorophenol	0.1432	0.0764 0.1437	0.1025 0.1479	0.1304 0.1499	0.1435	Qua	-0.053	0.1417	0.0002		0.0500				1.0000		0.9950
Phenanthrene	1.1503 1.0817	1.1095 1.0457	1.0769 1.1249	1.0763 1.1011	1.0687	Ave		1.0928			0.0500	2.9		15.0			
Anthracene	0.9330 1.1262	1.0252 1.1070	1.0620 1.1808	1.0695 1.1555	1.1124	Ave		1.0857			0.0500	6.9		15.0			
Carbazole	1.0898	0.9420 1.0735	0.9667 1.1392	1.0151 1.1185	1.0930	Ave		1.0547			0.0500	6.8		15.0			
Di-n-butyl phthalate	1.2688	0.9110 1.2244	1.0258 1.3316	1.1387 1.3294	1.2465	Ave		1.1846			0.0500	13.0		15.0			
Fluoranthene	1.0035 1.2732	1.1167 1.2401	1.1487 1.3336	1.2045 1.2971	1.2443	Ave		1.2069			0.0500	8.5		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-17317-1 Analy Batch No.: 64102

SDG No.:

Instrument ID: A4HP7 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/07/2012 11:44 Calibration End Date: 11/07/2012 14:51 Calibration ID: 12247

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Benzidine	0.6836	0.2847 0.7032	0.3811 0.7698	0.5359 0.7647	0.6427	Qua	-0.269	0.6709	0.0045		0.0500				0.9990		0.9950
Pyrene	1.1637 1.3101	1.1792 1.2804	1.2217 1.3838	1.3006 1.3658	1.2819	Ave		1.2764			0.0500	6.0		15.0			
Butyl benzyl phthalate	0.5270	0.3318 0.5208	0.4406 0.5674	0.4867 0.5582	0.5295	Qua	-0.063	0.5118	0.0021		0.0500				0.9990		0.9950
3,3'-Dimethoxybenzidine	0.2697	0.0685 0.2865	0.1012 0.3178	0.1548 0.3080	0.2350	Qua	-0.202	0.2800	0.0017		0.0500				0.9980		0.9950
3,3'-Dichlorobenzidine	0.4507	0.2772 0.4386	0.3338 0.4636	0.4149 0.4556	0.4380	Qua	-0.089	0.4498	0.0005		0.0500				0.9990		0.9950
4,4'-Methylene bis(2-chloroaniline)	0.2061	0.1139 0.2039	0.1602 0.2145	0.1909 0.2173	0.2051	Qua	-0.025	0.1980	0.0008		0.0500				1.0000		0.9950
Bis(2-ethylhexyl) phthalate	0.7391	0.4220 0.7353	0.5769 0.8101	0.6687 0.7859	0.7501	Qua	-0.141	0.7332	0.0027		0.0500				0.9980		0.9950
Benzo[a]anthracene	1.0633 1.1208	1.0496 1.1086	1.0591 1.1999	1.1188 1.1829	1.1436	Ave		1.1163			0.0500	4.8		15.0			
Chrysene	1.1088 1.0735	1.0016 1.0386	1.0354 1.1149	1.0406 1.1059	1.0559	Ave		1.0639			0.0500	3.7		15.0			
Di-n-octyl phthalate	1.4170	0.5551 1.4815	0.8647 1.5992	1.1420 1.5917	1.4775	Qua	-0.468	1.4228	0.0080		0.0500				0.9990		0.9950
Benzo[b]fluoranthene	0.9862 1.3488	1.1161 1.3724	1.1849 1.4679	1.2297 1.4116	1.3666	Ave		1.2760			0.0500	12.0		15.0			
Benzo[k]fluoranthene	1.1257 1.5289	1.0930 1.4656	1.3912 1.5039	1.3803 1.5708	1.4196	Ave		1.3866			0.0500	12.0		15.0			
Benzo[a]pyrene	0.7438 1.3440	0.9346 1.3356	1.0419 1.3870	1.1887 1.4112	1.3040	Qua	-0.145	1.2861	0.0052		0.0500				1.0000		0.9950
Indeno[1,2,3-cd]pyrene	0.8289 1.4466	1.0135 1.4570	1.2258 1.5136	1.3229 1.5238	1.4928	Qua	-0.115	1.4180	0.0045		0.0500				1.0000		0.9950
Dibenz(a,h)anthracene	0.6833 1.2451	0.6703 1.2381	0.9755 1.2821	1.1210 1.2756	1.2071	Qua	-0.209	1.2385	0.0020		0.0500				1.0000		0.9950
Benzo[g,h,i]perylene	0.8878 1.2515	0.8506 1.2343	1.0454 1.2968	1.1757 1.3076	1.2569	Ave		1.1452			0.0500	15.0		15.0			
2-Fluorophenol (Surr)	1.2400	1.1712 1.2208	1.1762 1.3328	1.2045 1.2613	1.2849	Ave		1.2365			0.0500	4.5		15.0			
Phenol-d5 (Surr)	1.5816	1.4166 1.5782	1.4942 1.7117	1.5181 1.6113	1.6467	Ave		1.5698			0.0500	5.9		15.0			
Nitrobenzene-d5 (Surr)	0.3055 0.3585	0.3349 0.3630	0.3281 0.3828	0.3491 0.3731	0.3702	Ave		0.3517			0.0500	7.1		15.0			
2-Fluorobiphenyl (Surr)	1.2554 1.3099	1.2016 1.2997	1.2987 1.3846	1.2999 1.3063	1.3233	Ave		1.2977			0.0500	3.8		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-17317-1 Analy Batch No.: 64102

SDG No.:

Instrument ID: A4HP7 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/07/2012 11:44 Calibration End Date: 11/07/2012 14:51 Calibration ID: 12247

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
2,4,6-Tribromophenol (Surr)	0.1718	0.1422 0.1717	0.1490 0.1798	0.1693 0.1734	0.1664	Ave		0.1655			0.0500	7.8		15.0			
Terphenyl-d14 (Surr)	0.7066 0.7557	0.6865 0.7362	0.7505 0.7829	0.7306 0.7668	0.7516	Ave		0.7408			0.0500	4.0		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-17317-1 Analy Batch No.: 64102

SDG No.:

Instrument ID: A4HP7 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/07/2012 11:44 Calibration End Date: 11/07/2012 14:51 Calibration ID: 12247

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 240-64102/6	21107006.D
Level 2	STD2 240-64102/5	21107005.D
Level 3	STD3 240-64102/4	21107004.D
Level 4	STD4 240-64102/3	21107003.D
Level 5	STD5 240-64102/2	21107002.D
Level 6	STD6 240-64102/10	21107010.D
Level 7	STD7 240-64102/9	21107009.D
Level 8	STD8 240-64102/8	21107008.D
Level 9	STD9 240-64102/7	21107007.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
1,4-Dioxane	DCB	Ave	289158	11562 357431	23164 533305	55904 670580	142017	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
N-Nitrosodimethylamine	DCB	Qua	423432	16701 710533	28816 1152976	71522 1020584	212159	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Pyridine	DCB	Ave	794755	27577 1240295	65639 1976673	149530 1811625	374604	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Ethyl methacrylate	DCB	Ave	626893	27799 959932	59659 1555123	124158 1410556	312745	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
3-Chloropropionitrile	DCB	Ave	453140	18024 675455	33652 1105388	76071 983880	210933	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Malononitrile	DCB	Ave	857909	28334 1310337	66484 2134060	155901 1838076	390867	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzaldehyde	DCB	Ave	6123 555643	31159 807962	62570 1113893	122662 +++++	298755	0.100 10.0	0.500 15.0	1.00 20.0	2.00 +++++	5.00
Phenol	DCB	Ave	962001	40912 1483091	89598 2377819	190407 2157751	458900	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Aniline	DCB	Ave	1186890	54295 1852000	111747 2982264	229723 2711054	568878	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Bis(2-chloroethyl)ether	DCB	Ave	738530	35302 1122950	69570 1820736	140402 1653462	347012	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2-Chlorophenol	DCB	Ave	769809	35434 1178499	72394 1939192	145623 1749387	371385	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
1,3-Dichlorobenzene	DCB	Ave	833741	40215 1256355	79469 2033209	159793 1840193	389651	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzoic acid	NPT	Qua	941901	+++++ 1543106	46025 2567708	132117 2263947	415455	20.0	+++++ 30.0	2.00 40.0	4.00 50.0	10.0
1,4-Dichlorobenzene	DCB	Ave	816468	38155 1250498	84247 1994970	159665 1812536	389514	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-17317-1 Analy Batch No.: 64102

SDG No.:

Instrument ID: A4HP7 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/07/2012 11:44 Calibration End Date: 11/07/2012 14:51 Calibration ID: 12247

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Benzyl alcohol	DCB	Ave	485275	19926 752132	44492 1218061	89671 1109887	223988	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
1,2-Dichlorobenzene	DCB	Ave	777307	38122 1182427	74698 1921155	152018 1761611	375084	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2-Methylphenol	DCB	Ave	707992	30361 1067935	63472 1761548	135275 1598670	336260	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
bis (2-chloroisopropyl) ether	DCB	Ave	1057806	51009 1630140	105528 2710885	210217 2394076	506864	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
3 & 4 Methylphenol	DCB	Ave	738384	33473 1134834	65029 1863583	140272 1641179	348410	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
N-Nitrosodi-n-propylamine	DCB	Ave	524618	22365 805470	46353 1305510	101018 1170477	254602	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Acetophenone	DCB	Ave	1013196	48366 1561539	97459 2540663	201660 2303818	496471	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Hexachloroethane	DCB	Ave	329140	17373 505961	31442 812553	63158 737294	159343	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Nitrobenzene	NPT	Ave	818068	34749 1234618	73250 2023003	155054 1835606	380712	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2,4-Dinitrophenol	ANT	Qua	434552	+++++ 743918	+++++ 1219360	59512 1106604	178806	20.0	+++++ 30.0	+++++ 40.0	4.00 50.0	10.0
Isophorone	NPT	Ave	1423776	57372 2187568	126950 3679329	267180 3291755	683437	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2-Nitrophenol	NPT	Ave	405972	14494 611408	30847 994494	70506 886070	188786	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
1,3,5-Trichlorobenzene	NPT	Ave	695736	32662 1035680	71625 1677390	132978 1509857	335399	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2,4-Dimethylphenol	NPT	Ave	748351	31245 1141006	73913 1847588	142902 1663053	348751	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Bis(2-chloroethoxy)methane	NPT	Ave	884059	40685 1353489	85844 2179326	175010 1980306	428717	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2,4-Dichlorophenol	NPT	Ave	596606	25326 911378	51449 1510979	110980 1363692	282075	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
1,2,4-Trichlorobenzene	NPT	Ave	688485	33761 1050932	67950 1678302	133494 1543759	330090	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Naphthalene	NPT	Ave	19322 2202898	104432 3380709	207949 5581839	417095 5098943	1053202	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
4-Chloroaniline	NPT	Ave	951670	40420 1448322	85983 2412184	180927 2153710	445160	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Hexachlorobutadiene	NPT	Ave	378760	18988 559120	37357 908100	72425 834160	169782	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Caprolactam	NPT	Qua	203996	5367 347893	15825 479685	38238 409876	100915	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-17317-1 Analy Batch No.: 64102

SDG No.:

Instrument ID: A4HP7 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/07/2012 11:44 Calibration End Date: 11/07/2012 14:51 Calibration ID: 12247

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
4-Chloro-3-methylphenol	NPT	Ave	636751	26283 979022	57414 1637447	117925 1473568	301893	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2-Methylnaphthalene	NPT	Ave	12641 1410272	68907 2122405	132969 3531733	269497 3192368	666699	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
1-Methylnaphthalene	NPT	Ave	11911 1345567	58790 2079707	127733 3374252	267037 3074953	645006	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
1,2,3,5-Tetrachlorobenzene	ANT	Ave	661897	32952 1019623	66113 1631883	128013 1502806	333308	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Hexachlorocyclopentadiene	ANT	Ave	408777	17829 627279	35037 1059644	75700 976433	193605	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2,4,6-Trichlorophenol	ANT	Ave	438732	16515 677861	36798 1118437	76952 1013558	207440	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
4,6-Dinitro-2-methylphenol	PHN	Qua	278233	+++++ 443519	15094 771658	35487 687768	116255	10.0	+++++ 15.0	1.00 20.0	2.00 25.0	5.00
2,4,5-Trichlorophenol	ANT	Ave	472532	17442 736914	40304 1212108	85752 1072129	217393	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2,4-Toluene diamine	NPT	Ave	448465	22739 626231	48429 882419	94573 868625	234302	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
1,1'-Biphenyl	ANT	Ave	17216 1719982	81962 2640427	166955 4411496	334018 3965786	837098	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2-Chloronaphthalene	ANT	Ave	12516 1374271	64920 2081186	132416 3457946	267168 3115146	646125	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2-Nitroaniline	ANT	Ave	429808	16267 666331	32751 1115602	72790 987900	192655	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Dimethyl phthalate	ANT	Ave	1475655	65798 2265250	134112 3825470	274388 3437402	684216	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2,6-Dinitrotoluene	ANT	Qua	334247	10212 504465	23611 867959	49544 768083	143744	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
1,2-Dinitrobenzene	ANT	Ave	169862	6207 274957	12508 456583	30109 409392	77035	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Acenaphthylene	ANT	Ave	19842 2313540	102247 3557410	204149 6002224	430961 5445218	1080206	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
3-Nitroaniline	ANT	Ave	394571	12934 615665	28723 1049195	66096 928853	177798	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Acenaphthene	ANT	Ave	11799 1361892	65980 2035418	135288 3408737	267664 3085730	653779	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
4-Nitrophenol	ANT	Ave	226043	7674 349036	17102 593687	37608 539112	102063	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2,4-Dinitrotoluene	ANT	Qua	444005	13261 689685	30038 1184303	72363 1064143	200956	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Dibenzofuran	ANT	Ave	19920 1991799	92415 3073293	189757 5132615	385979 4675894	948455	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-17317-1 Analy Batch No.: 64102

SDG No.:

Instrument ID: A4HP7 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/07/2012 11:44 Calibration End Date: 11/07/2012 14:51 Calibration ID: 12247

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
2,3,5,6-Tetrachlorophenol	ANT	Ave	396818	13375 614787	31327 1035587	67024 924029	186352	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Diethyl phthalate	ANT	Ave	1513449	69007 2343096	143148 4041181	281309 3593483	725800	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
4-Chlorophenyl phenyl ether	ANT	Ave	782567	33574 1162318	74611 1987312	150307 1748364	362616	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
4-Nitroaniline	ANT	Qua	389910	11766 601597	29767 1024556	69104 904568	184371	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Fluorene	ANT	Ave	14541 1639050	75260 2470279	157705 4078515	316575 3734212	775737	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
N-Nitrosodiphenylamine	PHN	Ave	1196917	48479 1828202	103574 3139006	229170 2794355	557916	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
1,2-Diphenylhydrazine(as Azobenzene)	PHN	Ave	1667611	70470 2591614	150391 4392481	314576 3920417	791558	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Azobenzene	PHN	Ave	1667682	70470 2591614	149488 4392962	314156 3920417	791545	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
4-Bromophenyl phenyl ether	PHN	Ave	439508	20216 674593	39331 1120053	79534 999726	207879	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Hexachlorobenzene	PHN	Ave	4345 438431	21486 662379	43253 1115873	84396 998152	212637	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Atrazine	PHN	Ave	341754	11621 498220	30861 787545	63939 719727	163869	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Pentachlorophenol	PHN	Qua	598614	15165 955144	41969 1569637	104950 1450927	287148	20.0	1.00 30.0	2.00 40.0	4.00 50.0	10.0
Phenanthrene	PHN	Ave	23225 2260189	110046 3476136	220519 5971362	433106 5330724	1068922	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Anthracene	PHN	Ave	18837 2353100	101682 3680078	217474 6267637	430381 5594055	1112637	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Carbazole	PHN	Ave	2277045	93434 3568538	197951 6046967	408478 5414909	1093203	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Di-n-butyl phthalate	PHN	Ave	2651212	90362 4070394	210054 7068549	458237 6436053	1246760	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Fluoranthene	PHN	Ave	20262 2660336	110763 4122306	235226 7078899	484691 6279316	1244553	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzidine	CRY	Qua	1469820	27899 2388297	76576 4126710	214814 3730708	655520	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Pyrene	CRY	Ave	22058 2816771	115570 4348537	245503 7417941	521365 6663115	1307380	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Butyl benzyl phthalate	CRY	Qua	1133141	32519 1768738	88541 3041849	195105 2723023	540090	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
3,3'-Dimethoxybenzidine	CRY	Qua	579861	6711 973101	20339 1703500	62050 1502602	239684	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-17317-1 Analy Batch No.: 64102

SDG No.:

Instrument ID: A4HP7 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/07/2012 11:44 Calibration End Date: 11/07/2012 14:51 Calibration ID: 12247

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
3,3'-Dichlorobenzidine	CRY	Qua	969006	27172 1489461	67080 2485326	166325 2222486	446705	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
4,4'-Methylene bis(2-chloroaniline)	CRY	Qua	443048	11161 692599	32199 1150023	76535 1060036	209164	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Bis(2-ethylhexyl) phthalate	CRY	Qua	1589061	41362 2497259	115915 4342850	268071 3834094	765063	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzo[a]anthracene	CRY	Ave	20154 2409756	102866 3764867	212829 6432402	448512 5770519	1166326	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Chrysene	CRY	Ave	21017 2308021	98168 3527188	208048 5976490	417152 5395172	1076954	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Di-n-octyl phthalate	PRY	Qua	2499506	43155 4101786	141890 7366681	381659 6486699	1241516	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzo[b]fluoranthene	PRY	Ave	14882 2379256	86780 3799785	194423 6761810	410977 5752475	1148363	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzo[k]fluoranthene	PRY	Ave	16988 2696900	84980 4057783	228277 6927834	461295 6401152	1192893	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzo[a]pyrene	PRY	Qua	11224 2370709	72665 3697959	170963 6389303	397256 5751071	1095766	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Indeno[1,2,3-cd]pyrene	PRY	Qua	12509 2551684	78803 4034138	201147 6972181	442121 6209963	1254415	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Dibenz(a,h)anthracene	PRY	Qua	10312 2196359	52116 3427896	160063 5905981	374654 5198411	1014317	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzo[g,h,i]perylene	PRY	Ave	13397 2207668	66135 3417401	171531 5973870	392925 5328943	1056181	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2-Fluorophenol (Surr)	DCB	Ave	703304	31806 1084134	64360 1776893	133975 1608759	348345	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Phenol-d5 (Surr)	DCB	Ave	897045	38471 1401532	81760 2282025	168861 2055113	446436	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Nitrobenzene-d5 (Surr)	NPT	Ave	6483 788287	35037 1231341	69774 2011974	148067 1807783	385038	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2-Fluorobiphenyl (Surr)	ANT	Ave	14545 1612497	70370 2490882	156787 4176600	312106 3709926	779335	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2,4,6-Tribromophenol (Surr)	ANT	Ave	211519	8328 329077	17989 542442	40652 492588	98030	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Terphenyl-d14 (Surr)	CRY	Ave	13394 1624778	67286 2500174	150800 4196729	292869 3740756	766600	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00

Curve Type Legend:

Ave = Average ISTD
Qua = Quadratic ISTD

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107002.D		
Lims ID:	std5 tcl	Client ID:	
Inject. Date:	07-Nov-2012 11:44:30	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	5
Sample ID:	240-0014744-002		
Misc. Info.:	std5 tcl		
Operator:	001710	Instrument ID:	A4HP7
Injection Vol:	1.0 ul	ALS Bottle#:	2
Lims Batch ID:	64102	Lims Sample ID:	2
Sublist:	chrom-8270_hp7*sub15		
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\8270_hp7.m		
Last Update:	08-Nov-2012 13:38:05	Calib Date:	07-Nov-2012 14:51:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK004		
First Level Reviewer: ulmanm		Date:	07-Nov-2012 12:04:53

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.898	5.898	0.0	96	216888	4.00	
* 2 Naphthalene-d8	136	7.016	7.011	0.005	99	832156	4.00	
* 3 Acenaphthene-d10	164	8.509	8.509	0.0	93	471163	4.00	
* 4 Phenanthrene-d10	188	9.765	9.765	0.0	98	800140	4.00	
* 5 Chrysene-d12	240	12.306	12.301	0.005	93	815929	4.00	
* 6 Perylene-d12	264	14.365	14.360	0.005	92	672229	4.00	
$ 7 2-Fluorophenol	112	4.652	4.652	0.0	88	348345	5.20	
$ 8 Phenol-d5	99	5.540	5.540	0.0	88	446436	5.24	
$ 9 Nitrobenzene-d5	82	6.385	6.385	0.0	87	385038	5.26	
$ 10 2-Fluorobiphenyl (Surr)	172	7.920	7.920	0.0	100	779335	5.10	
$ 11 2,4,6-Tribromophenol	330	9.172	9.172	0.0	86	98030	5.03	
$ 12 Terphenyl-d14	244	11.119	11.119	0.0	99	766600	5.07	
24 1,4-Dioxane	88	2.507	2.502	0.005	91	142017	5.64	M
25 N-Nitrosodimethylamine	74	2.946	2.946	0.0	87	212159	5.08	
26 Pyridine	79	3.010	3.005	0.005	96	374604	5.19	
27 Ethyl methacrylate	69	3.641	3.641	0.0	90	312745	5.22	
28 3-Chloropropionitrile	54	4.005	4.005	0.0	88	210933	5.27	
32 Malononitrile	66	4.342	4.342	0.0	98	390867	5.18	
40 Benzaldehyde	77	5.508	5.508	0.0	96	298755	5.28	
41 Phenol	94	5.551	5.551	0.0	99	458900	5.06	
43 Aniline	93	5.599	5.599	0.0	98	568878	5.01	
44 Bis(2-chloroethyl)ether	93	5.652	5.652	0.0	93	347012	4.95	
46 2-Chlorophenol	128	5.706	5.706	0.0	97	371385	5.07	
47 1,3-Dichlorobenzene	146	5.850	5.850	0.0	96	389651	4.93	
48 1,4-Dichlorobenzene	146	5.914	5.915	-0.001	91	389514	4.96	
49 Benzyl alcohol	108	6.011	6.011	0.0	92	223988	4.96	
50 1,2-Dichlorobenzene	146	6.054	6.054	0.0	95	375084	5.01	
51 2-Methylphenol	108	6.096	6.096	0.0	94	336260	5.08	
52 2,2'-oxybis[1-chloropropane]	45	6.134	6.134	0.0	91	506864	4.93	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
191 3 & 4 Methylphenol	108	6.225	6.230	-0.005	97	348410	5.02	
56 N-Nitrosodi-n-propylamine	70	6.241	6.246	-0.005	88	254602	5.18	
57 Acetophenone	105	6.251	6.251	0.0	92	496471	5.06	
60 Hexachloroethane	117	6.353	6.353	0.0	93	159343	4.99	
61 Nitrobenzene	77	6.401	6.401	0.0	80	380712	5.03	
63 Isophorone	82	6.604	6.605	0.0	98	683437	5.15	
65 2-Nitrophenol	139	6.679	6.679	0.0	93	188786	5.31	
66 1,3,5-Trichlorobenzene	180	6.690	6.690	0.0	93	335399	5.08	
64 2,4-Dimethylphenol	107	6.695	6.695	0.0	92	348751	4.99	
69 Benzoic acid	122	6.738	6.760	-0.022	84	415455	9.81	
68 Bis(2-chloroethoxy)methane	93	6.781	6.781	0.0	99	428717	5.09	
71 2,4-Dichlorophenol	162	6.877	6.877	0.0	96	282075	5.10	
72 1,2,4-Trichlorobenzene	180	6.963	6.958	0.005	89	330090	5.01	
73 Naphthalene	128	7.032	7.032	0.0	95	1053202	5.07	
74 4-Chloroaniline	127	7.064	7.064	0.0	86	445160	5.02	
77 Hexachlorobutadiene	225	7.134	7.129	0.005	92	169782	4.75	
78 1,2,3-Trichlorobenzene	180	7.155	7.150	0.005	88	308962	0	
83 Caprolactam	113	7.343	7.348	-0.005	74	100915	4.78	
84 4-Chloro-3-methylphenol	107	7.455	7.455	0.0	96	301893	5.08	
85 2-Methylnaphthalene	142	7.621	7.621	0.0	89	666699	5.01	
86 1-Methylnaphthalene	142	7.706	7.706	0.0	86	645006	5.10	
87 1,2,3,5-Tetrachlorobenzene	216	7.749	7.749	0.0	91	333308	5.20	
88 Hexachlorocyclopentadiene	237	7.749	7.749	0.0	88	193605	5.07	
90 2,4,6-Trichlorophenol	196	7.851	7.845	0.006	90	207440	5.22	
91 2,4,5-Trichlorophenol	196	7.877	7.877	0.0	95	217393	5.08	
94 2,4-Toluene diamine	121	7.990	7.990	0.0	99	234302	5.53	
96 1,2,3,4 -Tetrachlorobenzene	216	8.006	8.001	0.005	93	308929	0	
95 1,1'-Biphenyl	154	8.011	8.011	0.0	94	837098	5.03	
98 2-Chloronaphthalene	162	8.038	8.038	0.0	96	646125	4.97	
100 2-Nitroaniline	65	8.107	8.107	0.0	82	192655	5.04	
103 Dimethyl phthalate	163	8.252	8.252	0.0	99	684216	4.94	
105 2,6-Dinitrotoluene	165	8.305	8.305	0.0	89	143744	4.74	
106 1,2-Dinitrobenzene	168	8.353	8.354	-0.001	88	77035	5.02	
107 Acenaphthylene	152	8.391	8.391	0.0	91	1080206	5.03	
108 3-Nitroaniline	138	8.450	8.450	0.0	95	177798	5.13	
110 Acenaphthene	153	8.535	8.535	0.0	82	653779	5.06	
109 2,4-Dinitrophenol	184	8.535	8.535	0.0	59	178806	9.51	
111 4-Nitrophenol	109	8.562	8.562	0.0	92	102063	5.12	
112 2,4-Dinitrotoluene	165	8.648	8.648	0.0	88	200956	4.91	
114 Dibenzofuran	168	8.680	8.680	0.0	87	948455	4.94	
115 2,3,5,6-Tetrachlorophenol	232	8.739	8.733	0.006	87	186352	5.28	
119 Diethyl phthalate	149	8.840	8.840	0.0	97	725800	5.02	
121 4-Chlorophenyl phenyl ether	204	8.958	8.958	0.0	91	362616	4.98	
123 4-Nitroaniline	138	8.969	8.969	0.0	87	184371	4.98	
124 Fluorene	166	8.974	8.969	0.005	82	775737	5.04	
126 4,6-Dinitro-2-methylphenol	198	8.990	8.990	0.0	82	116255	4.83	
130 N-Nitrosodiphenylamine	169	9.054	9.049	0.005	0	557916	5.06	
129 1,2-Diphenylhydrazine	77	9.092	9.092	0.0	0	791558	5.08	
131 Azobenzene	77	9.092	9.092	0.0	99	791545	5.08	
137 4-Bromophenyl phenyl ether	248	9.375	9.375	0.0	63	207879	5.09	
139 Hexachlorobenzene	284	9.434	9.434	0.0	86	212637	5.06	
140 Atrazine	200	9.487	9.482	0.005	93	163869	5.46	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
141 Pentachlorophenol	266	9.594	9.594	0.0	89	287148	10.4	
146 Phenanthrene	178	9.787	9.787	0.0	97	1068922	4.89	
147 Anthracene	178	9.830	9.830	0.0	97	1112637	5.12	
149 Carbazole	167	9.953	9.953	0.0	82	1093203	5.18	
151 Di-n-butyl phthalate	149	10.215	10.215	0.0	100	1246760	5.26	
157 Fluoranthene	202	10.792	10.792	0.0	98	1244553	5.16	
158 Benzidine	184	10.889	10.894	-0.005	98	655520	5.02	
160 Pyrene	202	11.001	11.001	0.0	96	1307380	5.02	
166 Butyl benzyl phthalate	149	11.595	11.595	0.0	96	540090	5.18	
170 3,3'-Dimethoxybenzidine	244	12.199	12.194	0.005	91	239684	4.78	
173 3,3'-Dichlorobenzidine	252	12.237	12.237	0.0	63	446705	5.04	
172 4,4'-Methylene bis(2-chloroanili	231	12.237	12.237	0.0	65	209164	5.19	
171 Bis(2-ethylhexyl) phthalate	149	12.269	12.263	0.006	96	765063	5.21	
175 Benzo[a]anthracene	228	12.290	12.290	0.0	98	1166326	5.12	
176 Chrysene	228	12.338	12.338	0.0	95	1076954	4.96	
178 Di-n-octyl phthalate	149	13.173	13.167	0.006	99	1241516	5.36	
180 Benzo[b]fluoranthene	252	13.788	13.788	0.0	95	1148363	5.36	
181 Benzo[k]fluoranthene	252	13.825	13.825	0.0	90	1192893	5.12	
182 Benzo[a]pyrene	252	14.280	14.280	0.0	77	1095766	5.08	
186 Indeno[1,2,3-cd]pyrene	276	16.013	16.007	0.006	94	1254415	5.26	
187 Dibenz(a,h)anthracene	278	16.039	16.040	-0.001	71	1014317	5.00	
188 Benzo[g,h,i]perylene	276	16.451	16.446	0.005	90	1056181	5.49	
S 189 Methyl Phenols,Total	100				0		5.08	

QC Flag Legend

Review Flags
M - Manually Integrated

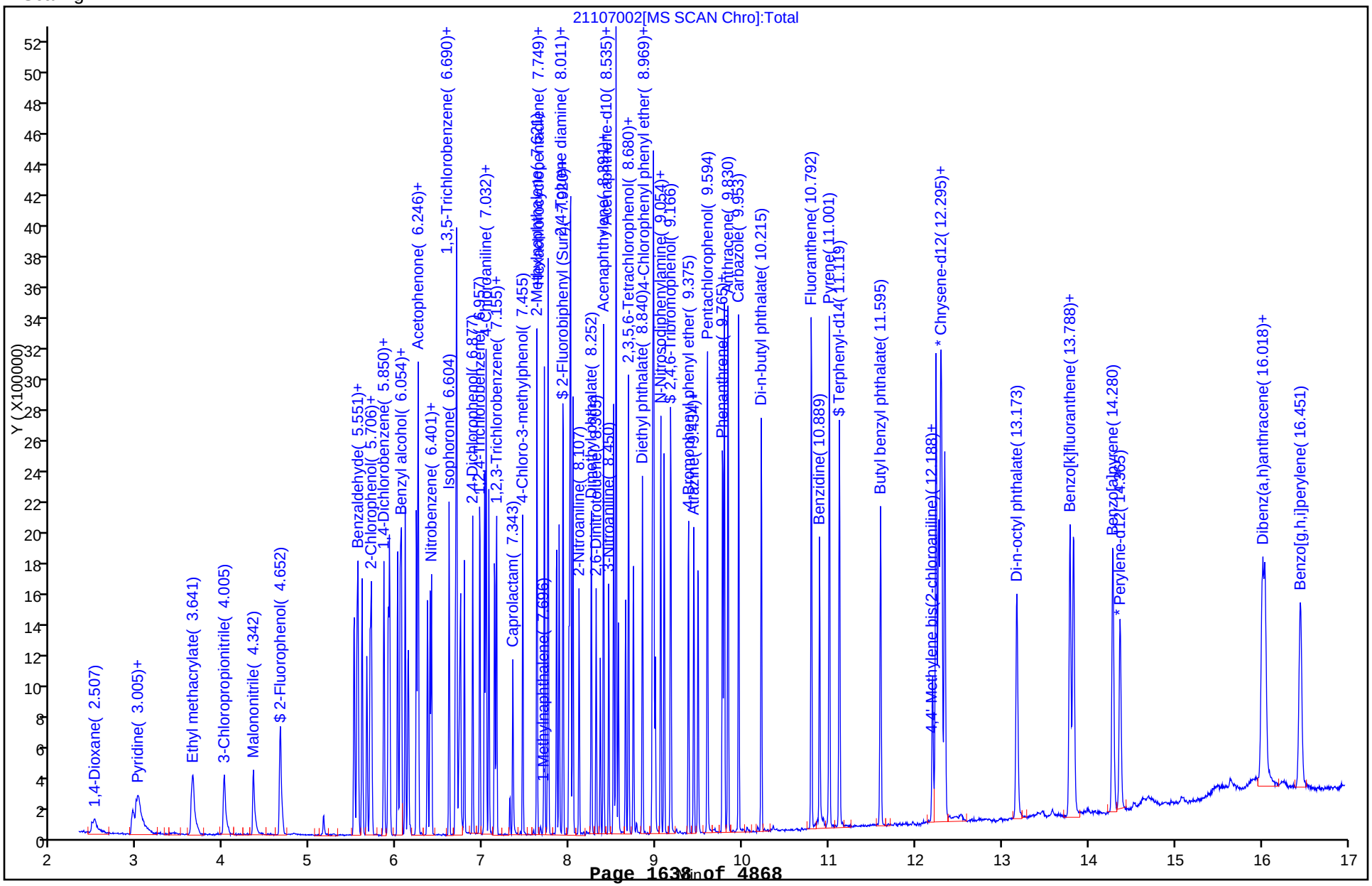
Report Date: 08-Nov-2012 13:38:05 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107002.D

Injection Date:	07-Nov-2012 11:44:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	64102	Lims Sample ID:	2
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



Manual Integration/User Assign Peak Report

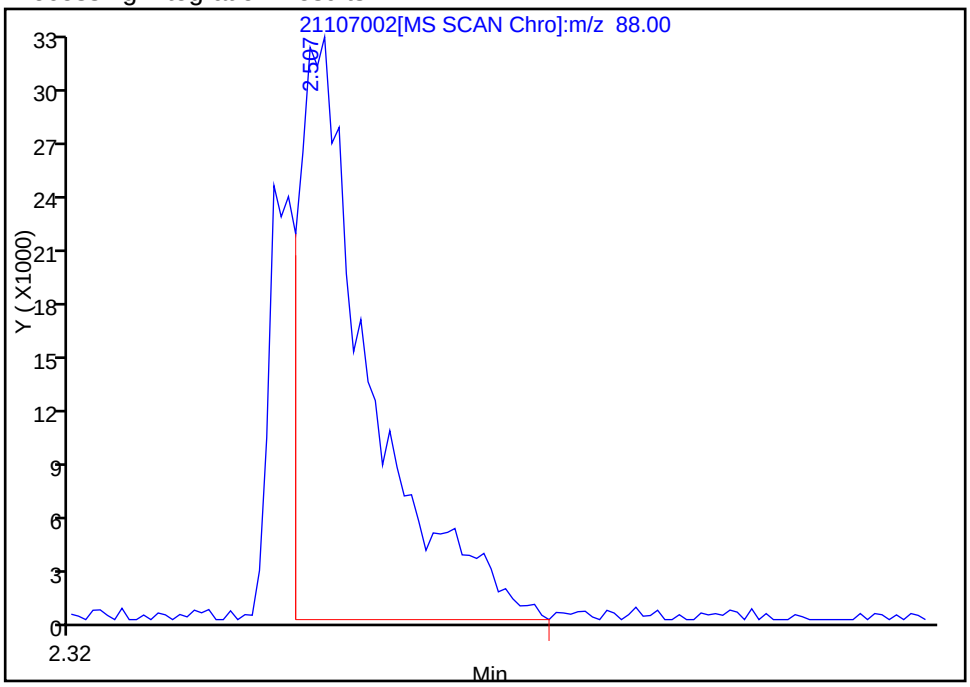
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107002.D		
Injection Date:	07-Nov-2012 11:44:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	64102	Lims Sample ID:	2
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

24 1,4-Dioxane, Signal: 1, m/z: 88.0 Type: quant, RT: 2.50

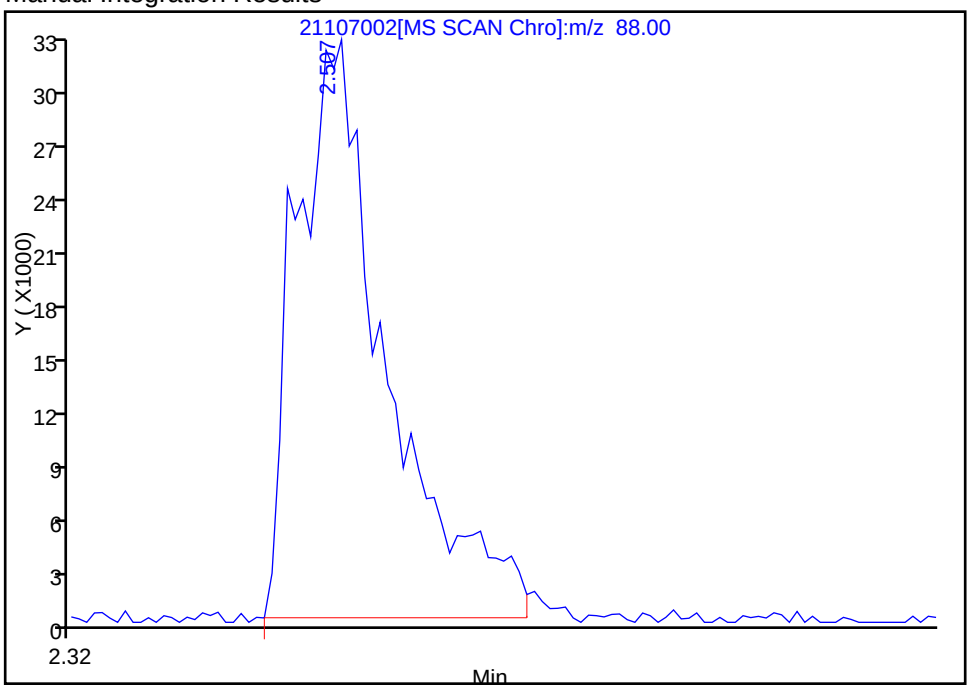
Processing Integration Results

RT: 2.51
Response: 119596
Amount: 5.211492



Manual Integration Results

RT: 2.51
Response: 142017
Amount: 5.642357



Reviewer: gruberj, 07-Nov-2012 14:47:55
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107003.D		
Lims ID:	std4 tcl	Client ID:	
Inject. Date:	07-Nov-2012 12:07:30	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	4
Sample ID:	240-0014744-003		
Misc. Info.:	std4 tcl		
Operator:	001710	Instrument ID:	A4HP7
Injection Vol:	1.0 ul	ALS Bottle#:	3
Lims Batch ID:	64102	Lims Sample ID:	3
Sublist:	chrom-8270_hp7*sub15		
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\8270_hp7.m		
Last Update:	08-Nov-2012 13:38:06	Calib Date:	07-Nov-2012 14:51:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK004		
First Level Reviewer: gruberj		Date:	07-Nov-2012 14:47:10

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.898	5.898	0.0	97	222465	4.00	
* 2 Naphthalene-d8	136	7.016	7.011	0.005	99	848347	4.00	
* 3 Acenaphthene-d10	164	8.508	8.509	-0.001	92	480198	4.00	
* 4 Phenanthrene-d10	188	9.765	9.765	0.0	98	804821	4.00	
* 5 Chrysene-d12	240	12.306	12.301	0.005	97	801741	4.00	
* 6 Perylene-d12	264	14.365	14.360	0.005	97	668413	4.00	
$ 7 2-Fluorophenol	112	4.652	4.652	0.0	90	133975	1.95	
$ 8 Phenol-d5	99	5.540	5.540	0.0	94	168861	1.93	
$ 9 Nitrobenzene-d5	82	6.385	6.385	0.0	84	148067	1.99	
$ 10 2-Fluorobiphenyl (Surr)	172	7.920	7.920	0.0	100	312106	2.00	
$ 11 2,4,6-Tribromophenol	330	9.172	9.172	0.0	88	40652	2.05	
$ 12 Terphenyl-d14	244	11.119	11.119	0.0	98	292869	1.97	
24 1,4-Dioxane	88	2.502	2.502	0.0	91	55904	2.17	
25 N-Nitrosodimethylamine	74	2.946	2.946	0.0	83	71522	1.92	
26 Pyridine	79	3.015	3.005	0.010	94	149530	2.02	
27 Ethyl methacrylate	69	3.636	3.641	-0.005	89	124158	2.02	
28 3-Chloropropionitrile	54	4.010	4.005	0.005	88	76071	1.85	
32 Malononitrile	66	4.342	4.342	0.0	97	155901	2.01	
40 Benzaldehyde	77	5.508	5.508	0.0	92	122662	2.11	
41 Phenol	94	5.551	5.551	0.0	98	190407	2.05	
43 Aniline	93	5.599	5.599	0.0	98	229723	1.97	
44 Bis(2-chloroethyl)ether	93	5.652	5.652	0.0	92	140402	1.95	
46 2-Chlorophenol	128	5.706	5.706	0.0	95	145623	1.94	
47 1,3-Dichlorobenzene	146	5.850	5.850	0.0	96	159793	1.97	
48 1,4-Dichlorobenzene	146	5.914	5.915	-0.001	83	159665	1.98	
49 Benzyl alcohol	108	6.011	6.011	0.0	93	89671	1.94	
50 1,2-Dichlorobenzene	146	6.053	6.054	-0.001	94	152018	1.98	
51 2-Methylphenol	108	6.096	6.096	0.0	94	135275	1.99	
52 2,2'-oxybis[1-chloropropane]	45	6.134	6.134	0.0	89	210217	1.99	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
191 3 & 4 Methylphenol	108	6.225	6.230	-0.005	96	140272	1.97	
56 N-Nitrosodi-n-propylamine	70	6.241	6.246	-0.005	87	101018	2.01	
57 Acetophenone	105	6.246	6.251	-0.005	92	201660	2.01	
60 Hexachloroethane	117	6.353	6.353	0.0	93	63158	1.93	
61 Nitrobenzene	77	6.401	6.401	0.0	86	155054	2.01	
63 Isophorone	82	6.604	6.605	0.0	97	267180	1.97	
65 2-Nitrophenol	139	6.679	6.679	0.0	92	70506	1.94	
66 1,3,5-Trichlorobenzene	180	6.690	6.690	0.0	91	132978	1.98	
64 2,4-Dimethylphenol	107	6.695	6.695	0.0	91	142902	2.00	
69 Benzoic acid	122	6.722	6.760	-0.038	82	132117	4.06	
68 Bis(2-chloroethoxy)methane	93	6.781	6.781	0.0	98	175010	2.04	
71 2,4-Dichlorophenol	162	6.877	6.877	0.0	95	110980	1.97	
72 1,2,4-Trichlorobenzene	180	6.957	6.958	-0.001	88	133494	1.99	
73 Naphthalene	128	7.032	7.032	0.0	95	417095	1.97	
74 4-Chloroaniline	127	7.064	7.064	0.0	84	180927	2.00	
77 Hexachlorobutadiene	225	7.128	7.129	-0.001	95	72425	1.99	
78 1,2,3-Trichlorobenzene	180	7.155	7.150	0.005	88	125746	0	
83 Caprolactam	113	7.337	7.348	-0.011	76	38238	2.01	
84 4-Chloro-3-methylphenol	107	7.455	7.455	0.0	92	117925	1.95	
85 2-Methylnaphthalene	142	7.621	7.621	0.0	89	269497	1.99	
86 1-Methylnaphthalene	142	7.706	7.706	0.0	84	267037	2.07	
87 1,2,3,5-Tetrachlorobenzene	216	7.749	7.749	0.0	95	128013	1.96	
88 Hexachlorocyclopentadiene	237	7.749	7.749	0.0	80	75700	1.95	
90 2,4,6-Trichlorophenol	196	7.845	7.845	0.0	90	76952	1.90	
91 2,4,5-Trichlorophenol	196	7.877	7.877	0.0	95	85752	1.97	
94 2,4-Toluene diamine	121	7.990	7.990	0.0	97	94573	2.19	
96 1,2,3,4 -Tetrachlorobenzene	216	8.006	8.001	0.005	83	129065	0	
95 1,1'-Biphenyl	154	8.011	8.011	0.0	88	334018	1.97	
98 2-Chloronaphthalene	162	8.038	8.038	0.0	95	267168	2.01	
100 2-Nitroaniline	65	8.107	8.107	0.0	82	72790	1.87	
103 Dimethyl phthalate	163	8.246	8.252	-0.006	98	274388	1.95	
105 2,6-Dinitrotoluene	165	8.305	8.305	0.0	85	49544	1.87	
106 1,2-Dinitrobenzene	168	8.353	8.354	-0.001	84	30109	1.92	
107 Acenaphthylene	152	8.391	8.391	0.0	92	430961	1.97	
108 3-Nitroaniline	138	8.450	8.450	0.0	93	66096	1.87	
110 Acenaphthene	153	8.535	8.535	0.0	92	267664	2.03	
109 2,4-Dinitrophenol	184	8.535	8.535	0.0	58	59512	4.64	
111 4-Nitrophenol	109	8.562	8.562	0.0	87	37608	1.85	
112 2,4-Dinitrotoluene	165	8.647	8.648	-0.001	92	72363	1.96	
114 Dibenzofuran	168	8.680	8.680	0.0	89	385979	1.97	
115 2,3,5,6-Tetrachlorophenol	232	8.733	8.733	0.0	80	67024	1.86	
119 Diethyl phthalate	149	8.840	8.840	0.0	97	281309	1.91	
121 4-Chlorophenyl phenyl ether	204	8.958	8.958	0.0	90	150307	2.02	
123 4-Nitroaniline	138	8.963	8.969	-0.006	86	69104	2.01	
124 Fluorene	166	8.968	8.969	-0.001	91	316575	2.02	
126 4,6-Dinitro-2-methylphenol	198	8.990	8.990	0.0	79	35487	1.94	
130 N-Nitrosodiphenylamine	169	9.049	9.049	0.0	0	229170	2.06	
129 1,2-Diphenylhydrazine	77	9.091	9.092	-0.001	0	314576	2.01	
131 Azobenzene	77	9.091	9.092	-0.001	98	314156	2.01	
137 4-Bromophenyl phenyl ether	248	9.375	9.375	0.0	60	79534	1.94	
139 Hexachlorobenzene	284	9.434	9.434	0.0	93	84396	2.00	
140 Atrazine	200	9.482	9.482	0.0	86	63939	2.12	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
141 Pentachlorophenol	266	9.594	9.594	0.0	90	104950	4.04	
146 Phenanthrene	178	9.787	9.787	0.0	96	433106	1.97	
147 Anthracene	178	9.830	9.830	0.0	97	430381	1.97	
149 Carbazole	167	9.953	9.953	0.0	82	408478	1.92	
151 Di-n-butyl phthalate	149	10.215	10.215	0.0	100	458237	1.92	
157 Fluoranthene	202	10.792	10.792	0.0	98	484691	2.00	
158 Benzidine	184	10.889	10.894	-0.005	98	214814	1.97	
160 Pyrene	202	11.001	11.001	0.0	97	521365	2.04	
166 Butyl benzyl phthalate	149	11.595	11.595	0.0	96	195105	2.01	
170 3,3'-Dimethoxybenzidine	244	12.199	12.194	0.005	88	62050	1.81	
173 3,3'-Dichlorobenzidine	252	12.236	12.237	-0.001	69	166325	2.04	
172 4,4'-Methylene bis(2-chloroanili	231	12.236	12.237	-0.001	70	76535	2.04	
171 Bis(2-ethylhexyl) phthalate	149	12.269	12.263	0.006	96	268071	2.00	
175 Benzo[a]anthracene	228	12.290	12.290	0.0	96	448512	2.00	
176 Chrysene	228	12.338	12.338	0.0	92	417152	1.96	
178 Di-n-octyl phthalate	149	13.172	13.167	0.005	99	381659	1.91	
180 Benzo[b]fluoranthene	252	13.788	13.788	0.0	93	410977	1.93	
181 Benzo[k]fluoranthene	252	13.825	13.825	0.0	97	461295	1.99	
182 Benzo[a]pyrene	252	14.280	14.280	0.0	76	397256	1.95	
186 Indeno[1,2,3-cd]pyrene	276	16.013	16.007	0.006	98	442121	1.94	
187 Dibenz(a,h)anthracene	278	16.039	16.040	-0.001	75	374654	1.97	
188 Benzo[g,h,i]perylene	276	16.446	16.446	0.0	94	392925	2.05	
S 189 Methyl Phenols,Total	100				0		1.99	

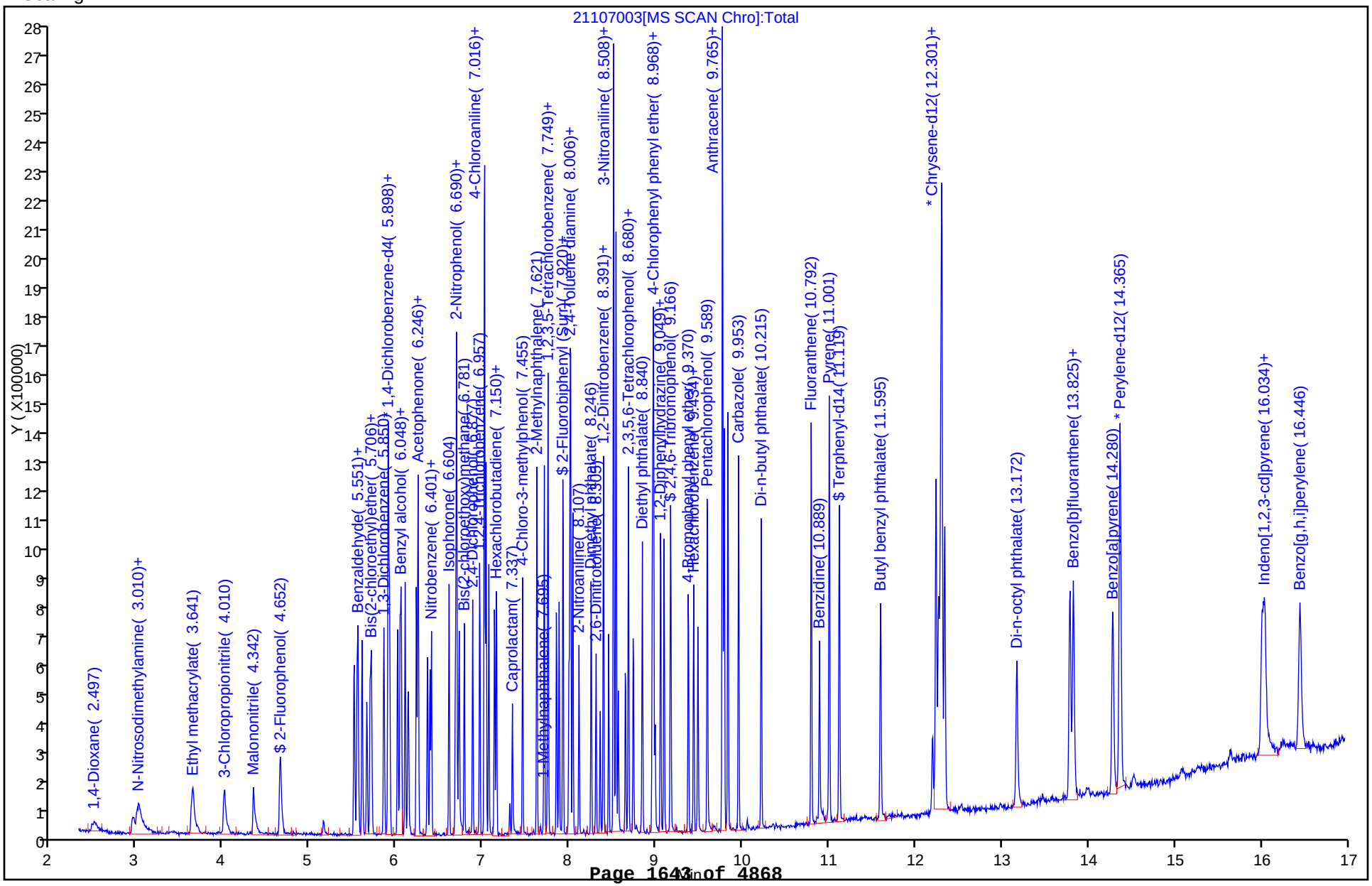
Report Date: 08-Nov-2012 13:38:06 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107003.D

Injection Date:	07-Nov-2012 12:07:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	64102	Lims Sample ID:	3
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107004.D		
Lims ID:	std3 tcl	Client ID:	
Inject. Date:	07-Nov-2012 12:31:30	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	3
Sample ID:	240-0014744-004		
Misc. Info.:	std3 tcl		
Operator:	001710	Instrument ID:	A4HP7
Injection Vol:	1.0 ul	ALS Bottle#:	4
Lims Batch ID:	64102	Lims Sample ID:	4
Sublist:	chrom-8270_hp7*sub15		
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\8270_hp7.m		
Last Update:	08-Nov-2012 13:38:07	Calib Date:	07-Nov-2012 14:51:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK004		
First Level Reviewer: gruberj		Date:	07-Nov-2012 14:47:37

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.904	5.898	0.006	94	218870	4.00	
* 2 Naphthalene-d8	136	7.016	7.011	0.005	99	850749	4.00	
* 3 Acenaphthene-d10	164	8.508	8.509	-0.001	91	482907	4.00	
* 4 Phenanthrene-d10	188	9.765	9.765	0.0	98	819100	4.00	
* 5 Chrysene-d12	240	12.301	12.301	0.0	90	803775	4.00	
* 6 Perylene-d12	264	14.365	14.360	0.005	92	656353	4.00	
$ 7 2-Fluorophenol	112	4.657	4.652	0.005	86	64360	0.9513	
$ 8 Phenol-d5	99	5.540	5.540	0.0	94	81760	0.9519	
$ 9 Nitrobenzene-d5	82	6.385	6.385	0.0	87	69774	0.9328	
$ 10 2-Fluorobiphenyl (Surr)	172	7.920	7.920	0.0	99	156787	1.00	
$ 11 2,4,6-Tribromophenol	330	9.172	9.172	0.0	90	17989	0.9005	
$ 12 Terphenyl-d14	244	11.119	11.119	0.0	97	150800	1.01	
24 1,4-Dioxane	88	2.507	2.502	0.005	84	23164	0.9120	M
25 N-Nitrosodimethylamine	74	2.946	2.946	0.0	86	28816	1.00	
26 Pyridine	79	3.015	3.005	0.010	94	65639	0.9018	M
27 Ethyl methacrylate	69	3.636	3.641	-0.005	89	59659	0.9864	
28 3-Chloropropionitrile	54	4.005	4.005	0.0	85	33652	0.8338	
32 Malononitrile	66	4.347	4.342	0.005	96	66484	0.8732	
40 Benzaldehyde	77	5.508	5.508	0.0	92	62570	1.10	
41 Phenol	94	5.551	5.551	0.0	97	89598	0.9783	
43 Aniline	93	5.599	5.599	0.0	95	111747	0.9757	
44 Bis(2-chloroethyl)ether	93	5.652	5.652	0.0	89	69570	0.9835	
46 2-Chlorophenol	128	5.706	5.706	0.0	96	72394	0.9785	
47 1,3-Dichlorobenzene	146	5.850	5.850	0.0	96	79469	1.00	
48 1,4-Dichlorobenzene	146	5.914	5.915	-0.001	89	84247	1.06	
49 Benzyl alcohol	108	6.011	6.011	0.0	89	44492	0.9759	
50 1,2-Dichlorobenzene	146	6.053	6.054	-0.001	93	74698	0.9890	
51 2-Methylphenol	108	6.096	6.096	0.0	95	63472	0.9508	
52 2,2'-oxybis[1-chloropropane]	45	6.128	6.134	-0.006	91	105528	1.02	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
191 3 & 4 Methylphenol	108	6.225	6.230	-0.005	95	65029	0.9292	
56 N-Nitrosodi-n-propylamine	70	6.241	6.246	-0.005	85	46353	0.9352	
57 Acetophenone	105	6.246	6.251	-0.005	89	97459	0.9852	
60 Hexachloroethane	117	6.353	6.353	0.0	89	31442	0.9765	
61 Nitrobenzene	77	6.401	6.401	0.0	86	73250	0.9475	
63 Isophorone	82	6.604	6.605	0.0	97	126950	0.9355	
65 2-Nitrophenol	139	6.679	6.679	0.0	94	30847	0.8480	
66 1,3,5-Trichlorobenzene	180	6.690	6.690	0.0	91	71625	1.06	
64 2,4-Dimethylphenol	107	6.695	6.695	0.0	95	73913	1.03	
69 Benzoic acid	122	6.717	6.760	-0.043	85	46025	2.35	
68 Bis(2-chloroethoxy)methane	93	6.781	6.781	0.0	97	85844	1.00	
71 2,4-Dichlorophenol	162	6.877	6.877	0.0	94	51449	0.9104	
72 1,2,4-Trichlorobenzene	180	6.957	6.958	-0.001	91	67950	1.01	
73 Naphthalene	128	7.032	7.032	0.0	96	207949	0.9782	
74 4-Chloroaniline	127	7.064	7.064	0.0	91	85983	0.9489	
77 Hexachlorobutadiene	225	7.128	7.129	-0.001	89	37357	1.02	
78 1,2,3-Trichlorobenzene	180	7.155	7.150	0.005	83	63252	0	
83 Caprolactam	113	7.337	7.348	-0.011	73	15825	1.09	
84 4-Chloro-3-methylphenol	107	7.455	7.455	0.0	93	57414	0.9458	
85 2-Methylnaphthalene	142	7.621	7.621	0.0	88	132969	0.9779	
86 1-Methylnaphthalene	142	7.706	7.706	0.0	84	127733	0.9872	
87 1,2,3,5-Tetrachlorobenzene	216	7.749	7.749	0.0	96	66113	1.01	
88 Hexachlorocyclopentadiene	237	7.749	7.749	0.0	76	35037	0.8953	
90 2,4,6-Trichlorophenol	196	7.845	7.845	0.0	92	36798	0.9040	
91 2,4,5-Trichlorophenol	196	7.877	7.877	0.0	92	40304	0.9192	
94 2,4-Toluene diamine	121	7.990	7.990	0.0	96	48429	1.12	
96 1,2,3,4 -Tetrachlorobenzene	216	8.000	8.001	-0.001	96	63917	0	
95 1,1'-Biphenyl	154	8.011	8.011	0.0	92	166955	0.9789	
98 2-Chloronaphthalene	162	8.038	8.038	0.0	95	132416	0.99	
100 2-Nitroaniline	65	8.107	8.107	0.0	76	32751	0.8367	
103 Dimethyl phthalate	163	8.246	8.252	-0.006	97	134112	0.9456	
105 2,6-Dinitrotoluene	165	8.305	8.305	0.0	89	23611	1.10	
106 1,2-Dinitrobenzene	168	8.353	8.354	-0.001	84	12508	0.7949	
107 Acenaphthylene	152	8.391	8.391	0.0	94	204149	0.9268	
108 3-Nitroaniline	138	8.450	8.450	0.0	91	28723	0.8090	
110 Acenaphthene	153	8.535	8.535	0.0	85	135288	1.02	
109 2,4-Dinitrophenol	184		8.535					9
111 4-Nitrophenol	109	8.562	8.562	0.0	85	17102	0.8364	
112 2,4-Dinitrotoluene	165	8.647	8.648	-0.001	83	30038	1.01	
114 Dibenzofuran	168	8.680	8.680	0.0	87	189757	0.9652	
115 2,3,5,6-Tetrachlorophenol	232	8.738	8.733	0.005	90	31327	0.8667	
119 Diethyl phthalate	149	8.840	8.840	0.0	97	143148	0.9655	
121 4-Chlorophenyl phenyl ether	204	8.958	8.958	0.0	91	74611	1.00	
123 4-Nitroaniline	138	8.963	8.969	-0.006	82	29767	1.02	
124 Fluorene	166	8.968	8.969	-0.001	83	157705	1.00	
126 4,6-Dinitro-2-methylphenol	198	8.990	8.990	0.0	77	15094	1.20	
130 N-Nitrosodiphenylamine	169	9.054	9.049	0.005	0	103574	0.9169	
129 1,2-Diphenylhydrazine	77	9.091	9.092	-0.001	0	150391	0.9434	
131 Azobenzene	77	9.091	9.092	-0.001	98	149488	0.9378	
137 4-Bromophenyl phenyl ether	248	9.375	9.375	0.0	64	39331	0.9414	
139 Hexachlorobenzene	284	9.434	9.434	0.0	88	43253	1.01	
140 Atrazine	200	9.482	9.482	0.0	86	30861	1.00	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
141 Pentachlorophenol	266	9.594	9.594	0.0	85	41969	1.82	
146 Phenanthrene	178	9.787	9.787	0.0	92	220519	0.9854	
147 Anthracene	178	9.830	9.830	0.0	96	217474	0.9782	
149 Carbazole	167	9.953	9.953	0.0	81	197951	0.9165	
151 Di-n-butyl phthalate	149	10.215	10.215	0.0	100	210054	0.8660	
157 Fluoranthene	202	10.792	10.792	0.0	97	235226	0.9518	
158 Benzidine	184	10.889	10.894	-0.005	85	76576	0.9624	
160 Pyrene	202	11.001	11.001	0.0	97	245503	0.9572	
166 Butyl benzyl phthalate	149	11.595	11.595	0.0	94	88541	0.9803	
170 3,3'-Dimethoxybenzidine	244	12.194	12.194	0.0	82	20339	1.08	
173 3,3'-Dichlorobenzidine	252	12.236	12.237	-0.001	66	67080	0.9393	
172 4,4'-Methylene bis(2-chloroanili	231	12.236	12.237	-0.001	71	32199	0.9294	
171 Bis(2-ethylhexyl) phthalate	149	12.269	12.263	0.006	95	115915	0.9752	
175 Benzo[a]anthracene	228	12.290	12.290	0.0	93	212829	0.9488	
176 Chrysene	228	12.338	12.338	0.0	88	208048	0.9732	
178 Di-n-octyl phthalate	149	13.172	13.167	0.005	97	141890	0.9318	
180 Benzo[b]fluoranthene	252	13.782	13.788	-0.006	92	194423	0.9286	
181 Benzo[k]fluoranthene	252	13.825	13.825	0.0	96	228277	1.00	
182 Benzo[a]pyrene	252	14.280	14.280	0.0	77	170963	0.9194	
186 Indeno[1,2,3-cd]pyrene	276	16.007	16.007	0.0	97	201147	0.9427	
187 Dibenz(a,h)anthracene	278	16.039	16.040	-0.001	65	160063	0.9548	
188 Benzo[g,h,i]perylene	276	16.446	16.446	0.0	90	171531	0.9128	
S 189 Methyl Phenols,Total	100				0		0.9508	

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

Review Flags
M - Manually Integrated

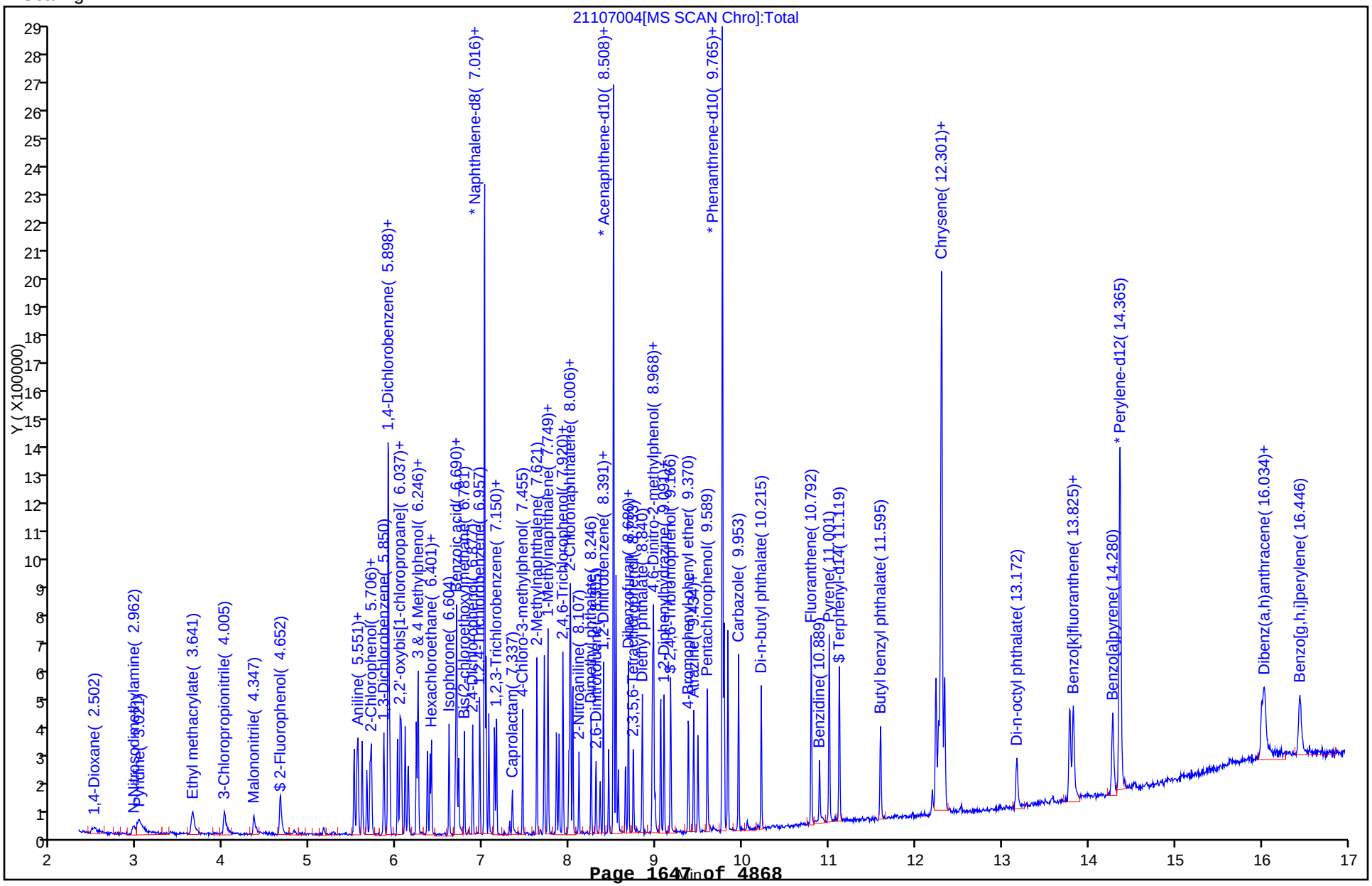
Report Date: 08-Nov-2012 13:38:08 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107004.D

Injection Date:	07-Nov-2012 12:31:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	64102	Lims Sample ID:	4
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



Manual Integration/User Assign Peak Report

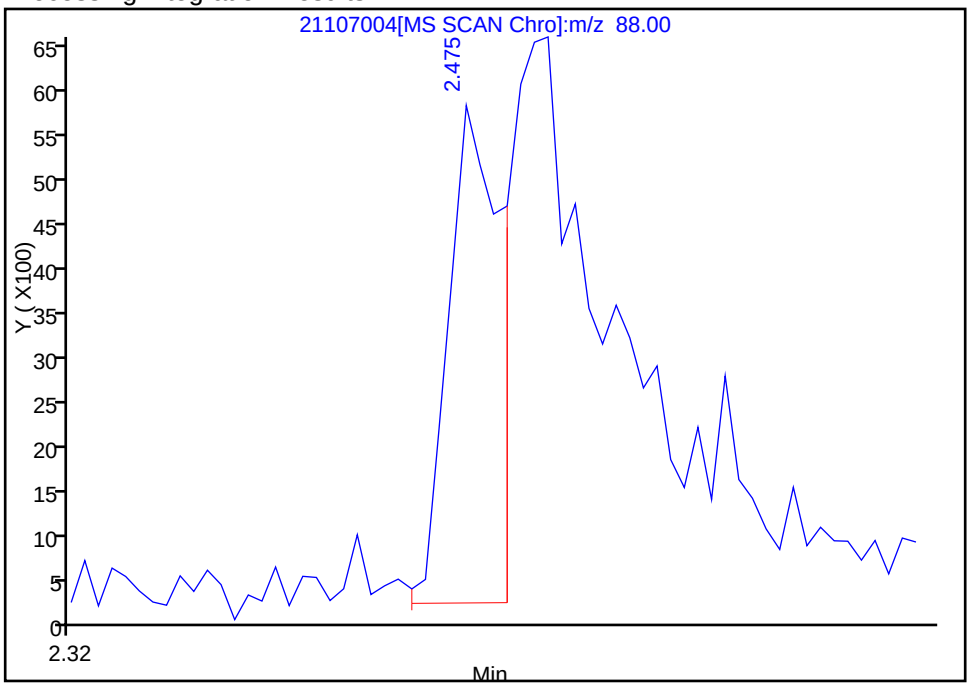
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107004.D		
Injection Date:	07-Nov-2012 12:31:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	64102	Lims Sample ID:	4
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

24 1,4-Dioxane, Signal: 1, m/z: 88.0 Type: quant, RT: 2.50

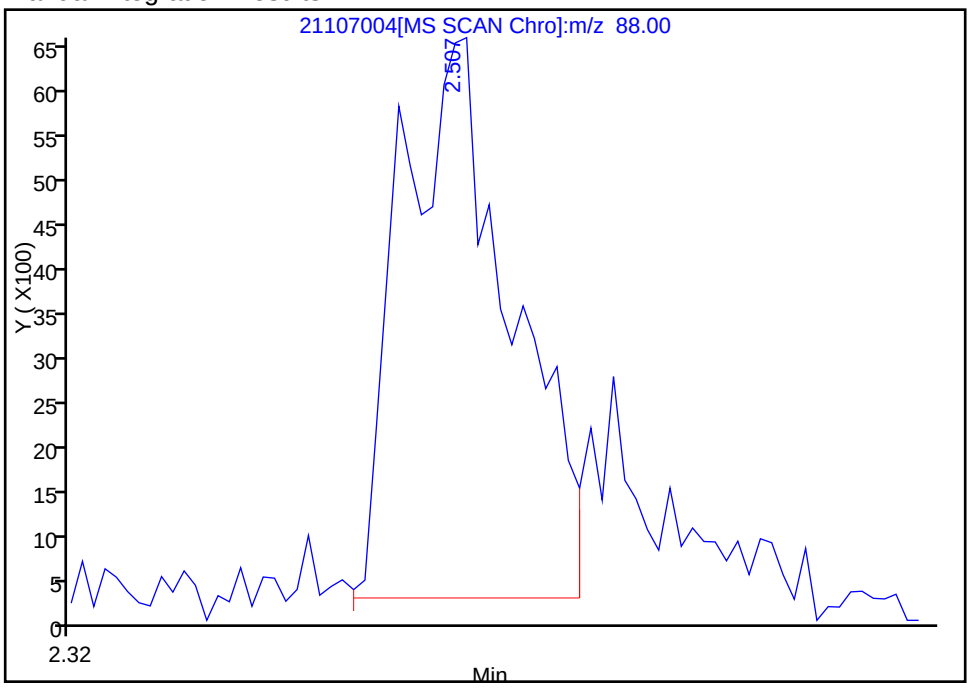
Processing Integration Results

RT: 2.48
Response: 8236
Amount: 0.391712



Manual Integration Results

RT: 2.51
Response: 23164
Amount: 0.911975



Reviewer: gruberj, 07-Nov-2012 14:47:37
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

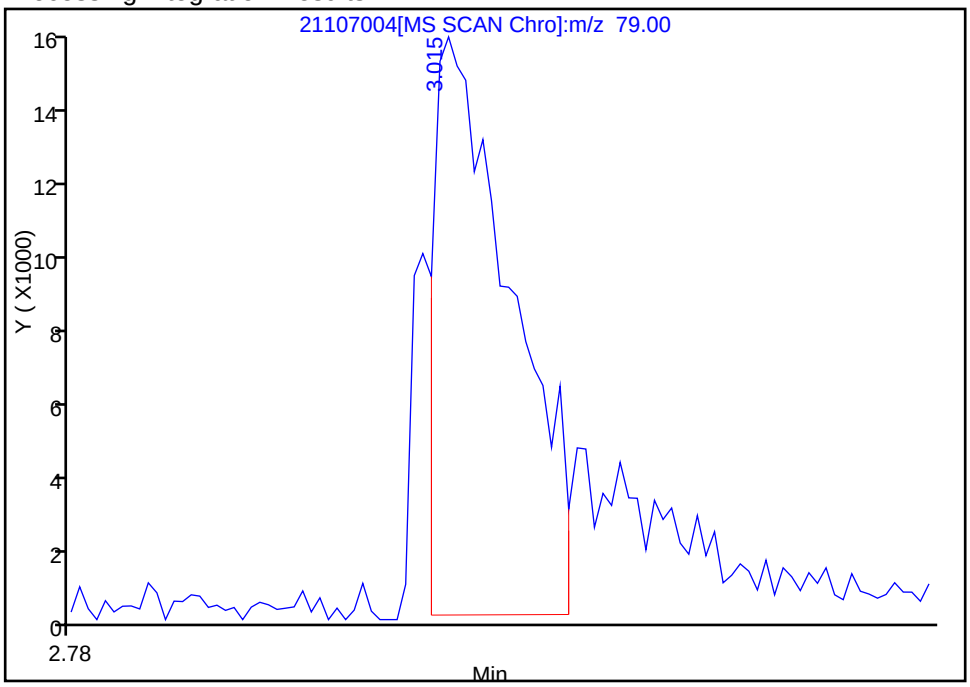
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107004.D		
Injection Date:	07-Nov-2012 12:31:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	64102	Lims Sample ID:	4
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

26 Pyridine, Signal: 1, m/z: 79.0 Type: quant, RT: 3.00

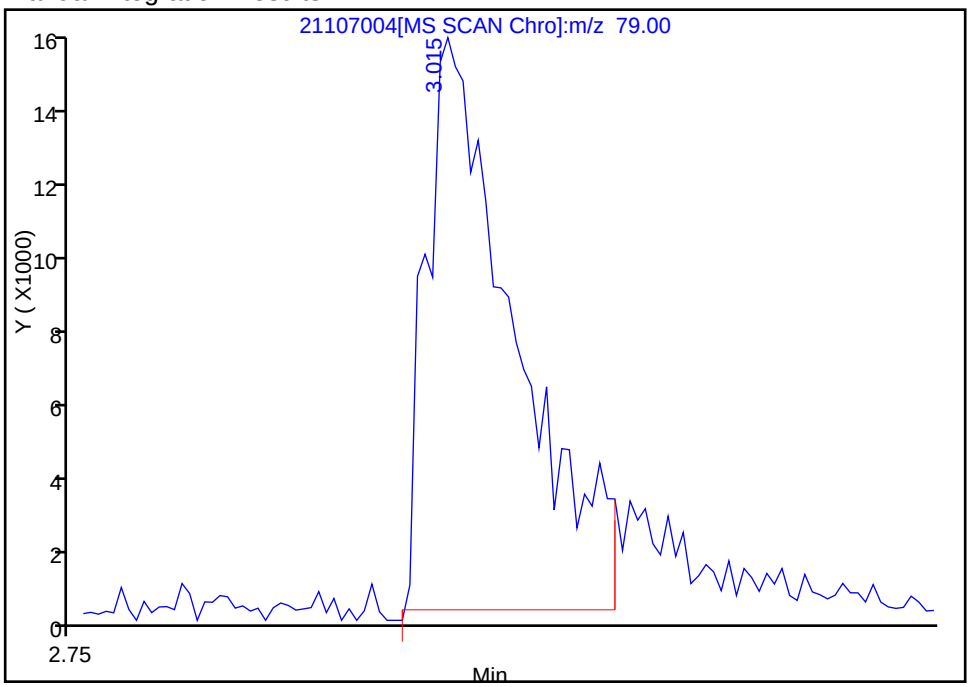
Processing Integration Results

RT: 3.02
Response: 52039
Amount: 0.942352



Manual Integration Results

RT: 3.02
Response: 65639
Amount: 0.901781



Reviewer: gruberj, 07-Nov-2012 14:49:02
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107005.D
Lims ID: std2 tcl
Client ID:
Inject. Date: 07-Nov-2012 12:54:30
Dil. Factor: 1.0000
Sample Type: IC
Calib Level: 2
Sample ID: 240-0014744-005
Misc. Info.: std2 tcl
Operator: 001710
Instrument ID: A4HP7
Injection Vol: 1.0 ul
ALS Bottle#: 5
Lims Batch ID: 64102
Lims Sample ID: 5
Sublist: chrom-8270_hp7*sub15
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121107-14744.b\8270_hp7.m
Last Update: 08-Nov-2012 13:38:09
Calib Date: 07-Nov-2012 14:51:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: 5% phenyl
Column Dia: 0.18 mm
Process Host: XAWRK004

First Level Reviewer: gruberj
Date: 07-Nov-2012 14:50:38

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.898	5.898	0.0	96	217253	4.00	
* 2 Naphthalene-d8	136	7.016	7.011	0.005	99	836850	4.00	
* 3 Acenaphthene-d10	164	8.508	8.509	-0.001	89	468517	4.00	
* 4 Phenanthrene-d10	188	9.765	9.765	0.0	98	793496	4.00	
* 5 Chrysene-d12	240	12.301	12.301	0.0	98	784074	4.00	
* 6 Perylene-d12	264	14.365	14.360	0.005	96	621997	4.00	
$ 7 2-Fluorophenol	112	4.652	4.652	0.0	78	31806	0.4736	
$ 8 Phenol-d5	99	5.540	5.540	0.0	81	38471	0.4512	
$ 9 Nitrobenzene-d5	82	6.385	6.385	0.0	84	35037	0.4762	
$ 10 2-Fluorobiphenyl (Surr)	172	7.920	7.920	0.0	99	70370	0.4630	
$ 11 2,4,6-Tribromophenol	330	9.172	9.172	0.0	76	8328	0.4297	
$ 12 Terphenyl-d14	244	11.119	11.119	0.0	95	67286	0.4634	
24 1,4-Dioxane	88	2.513	2.502	0.011	86	11562	0.4586	M
25 N-Nitrosodimethylamine	74	2.967	2.946	0.021	0	16701	0.7389	M
26 Pyridine	79	3.026	3.005	0.021	77	27577	0.3817	M
27 Ethyl methacrylate	69	3.625	3.641	-0.016	82	27799	0.4631	M
28 3-Chloropropionitrile	54	4.005	4.005	0.0	72	18024	0.4499	
32 Malononitrile	66	4.342	4.342	0.0	85	28334	0.3749	M
40 Benzaldehyde	77	5.503	5.508	-0.005	89	31159	0.5501	
41 Phenol	94	5.551	5.551	0.0	95	40912	0.4500	
43 Aniline	93	5.599	5.599	0.0	97	54295	0.4776	
44 Bis(2-chloroethyl)ether	93	5.652	5.652	0.0	89	35302	0.5028	
46 2-Chlorophenol	128	5.706	5.706	0.0	94	35434	0.4825	
47 1,3-Dichlorobenzene	146	5.850	5.850	0.0	94	40215	0.5080	
48 1,4-Dichlorobenzene	146	5.914	5.915	-0.001	68	38155	0.4852	
49 Benzyl alcohol	108	6.011	6.011	0.0	91	19926	0.4403	
50 1,2-Dichlorobenzene	146	6.053	6.054	-0.001	94	38122	0.5085	
51 2-Methylphenol	108	6.096	6.096	0.0	90	30361	0.4582	
52 2,2'-oxybis[1-chloropropane]	45	6.128	6.134	-0.006	91	51009	0.4950	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
191 3 & 4 Methylphenol	108	6.225	6.230	-0.005	96	33473	0.4819	
56 N-Nitrosodi-n-propylamine	70	6.241	6.246	-0.005	87	22365	0.4546	
57 Acetophenone	105	6.246	6.251	-0.005	91	48366	0.4926	
60 Hexachloroethane	117	6.353	6.353	0.0	83	17373	0.5436	
61 Nitrobenzene	77	6.401	6.401	0.0	87	34749	0.4569	
63 Isophorone	82	6.604	6.605	0.0	93	57372	0.4298	
65 2-Nitrophenol	139	6.679	6.679	0.0	90	14494	0.4051	
66 1,3,5-Trichlorobenzene	180	6.690	6.690	0.0	94	32662	0.4922	
64 2,4-Dimethylphenol	107	6.690	6.695	-0.005	92	31245	0.4442	
69 Benzoic acid	122		6.760					
68 Bis(2-chloroethoxy)methane	93	6.781	6.781	0.0	93	40685	0.4799	
71 2,4-Dichlorophenol	162	6.877	6.877	0.0	90	25326	0.4556	
72 1,2,4-Trichlorobenzene	180	6.957	6.958	-0.001	88	33761	0.5092	
73 Naphthalene	128	7.032	7.032	0.0	90	104432	0.4994	
74 4-Chloroaniline	127	7.064	7.064	0.0	85	40420	0.4535	
77 Hexachlorobutadiene	225	7.129	7.129	0.0	88	18988	0.5288	
78 1,2,3-Trichlorobenzene	180	7.155	7.150	0.005	83	32041	0	
83 Caprolactam	113	7.337	7.348	-0.011	69	5367	0.6707	
84 4-Chloro-3-methylphenol	107	7.455	7.455	0.0	93	26283	0.4402	
85 2-Methylnaphthalene	142	7.621	7.621	0.0	91	68907	0.5152	
86 1-Methylnaphthalene	142	7.706	7.706	0.0	84	58790	0.4619	
87 1,2,3,5-Tetrachlorobenzene	216	7.749	7.749	0.0	94	32952	0.5175	
88 Hexachlorocyclopentadiene	237	7.749	7.749	0.0	77	17829	0.4696	
90 2,4,6-Trichlorophenol	196	7.845	7.845	0.0	85	16515	0.4182	
91 2,4,5-Trichlorophenol	196	7.877	7.877	0.0	85	17442	0.4100	
94 2,4-Toluene diamine	121	7.990	7.990	0.0	91	22739	0.5338	
96 1,2,3,4 -Tetrachlorobenzene	216	8.000	8.001	-0.001	93	29879	0	
95 1,1'-Biphenyl	154	8.011	8.011	0.0	92	81962	0.4953	
98 2-Chloronaphthalene	162	8.032	8.038	-0.006	88	64920	0.5018	
100 2-Nitroaniline	65	8.107	8.107	0.0	73	16267	0.4283	
103 Dimethyl phthalate	163	8.246	8.252	-0.006	99	65798	0.4782	
105 2,6-Dinitrotoluene	165	8.305	8.305	0.0	83	10212	0.7138	
106 1,2-Dinitrobenzene	168	8.353	8.354	-0.001	83	6207	0.4066	
107 Acenaphthylene	152	8.391	8.391	0.0	92	102247	0.4784	
108 3-Nitroaniline	138	8.450	8.450	0.0	86	12934	0.3755	
110 Acenaphthene	153	8.535	8.535	0.0	90	65980	0.5134	
109 2,4-Dinitrophenol	184		8.535					9
111 4-Nitrophenol	109	8.562	8.562	0.0	83	7674	0.3868	
112 2,4-Dinitrotoluene	165	8.642	8.648	-0.006	79	13261	0.6485	
114 Dibenzofuran	168	8.680	8.680	0.0	88	92415	0.4845	
115 2,3,5,6-Tetrachlorophenol	232	8.738	8.733	0.005	82	13375	0.3814	
119 Diethyl phthalate	149	8.840	8.840	0.0	94	69007	0.4797	
121 4-Chlorophenyl phenyl ether	204	8.958	8.958	0.0	88	33574	0.4633	
123 4-Nitroaniline	138	8.963	8.969	-0.006	76	11766	0.5828	
124 Fluorene	166	8.968	8.969	-0.001	94	75260	0.4913	
126 4,6-Dinitro-2-methylphenol	198		8.990					9
130 N-Nitrosodiphenylamine	169	9.049	9.049	0.0	0	48479	0.4430	
129 1,2-Diphenylhydrazine	77	9.091	9.092	-0.001	0	70470	0.4563	
131 Azobenzene	77	9.091	9.092	-0.001	98	70470	0.4563	
137 4-Bromophenyl phenyl ether	248	9.375	9.375	0.0	60	20216	0.4995	
139 Hexachlorobenzene	284	9.434	9.434	0.0	82	21486	0.5155	
140 Atrazine	200	9.482	9.482	0.0	79	11621	0.3902	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
141 Pentachlorophenol	266	9.594	9.594	0.0	73	15165	0.9147	
146 Phenanthrene	178	9.787	9.787	0.0	85	110046	0.5076	
147 Anthracene	178	9.830	9.830	0.0	85	101682	0.4721	
149 Carbazole	167	9.953	9.953	0.0	80	93434	0.4466	
151 Di-n-butyl phthalate	149	10.215	10.215	0.0	100	90362	0.3845	
157 Fluoranthene	202	10.792	10.792	0.0	96	110763	0.4627	
158 Benzidine	184	10.889	10.894	-0.005	91	27899	0.6102	
160 Pyrene	202	11.001	11.001	0.0	97	115570	0.4619	
166 Butyl benzyl phthalate	149	11.595	11.595	0.0	92	32519	0.4466	
170 3,3'-Dimethoxybenzidine	244	12.194	12.194	0.0	54	6711	0.8408	
173 3,3'-Dichlorobenzidine	252	12.236	12.237	-0.001	67	27172	0.5060	
172 4,4'-Methylene bis(2-chloroanili	231	12.236	12.237	-0.001	60	11161	0.4106	
171 Bis(2-ethylhexyl) phthalate	149	12.269	12.263	0.006	92	41362	0.4789	
175 Benzo[a]anthracene	228	12.290	12.290	0.0	88	102866	0.4701	
176 Chrysene	228	12.338	12.338	0.0	93	98168	0.4707	
178 Di-n-octyl phthalate	149	13.173	13.167	0.005	93	43155	0.5224	
180 Benzo[b]fluoranthene	252	13.782	13.788	-0.006	90	86780	0.4374	
181 Benzo[k]fluoranthene	252	13.825	13.825	0.0	83	84980	0.3941	
182 Benzo[a]pyrene	252	14.280	14.280	0.0	72	72665	0.4751	
186 Indeno[1,2,3-cd]pyrene	276	16.007	16.007	0.0	87	78803	0.4378	
187 Dibenz(a,h)anthracene	278	16.039	16.040	-0.001	71	52116	0.4390	
188 Benzo[g,h,i]perylene	276	16.446	16.446	0.0	90	66135	0.3714	
S 189 Methyl Phenols,Total	100				0		0.4582	

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

Review Flags
M - Manually Integrated

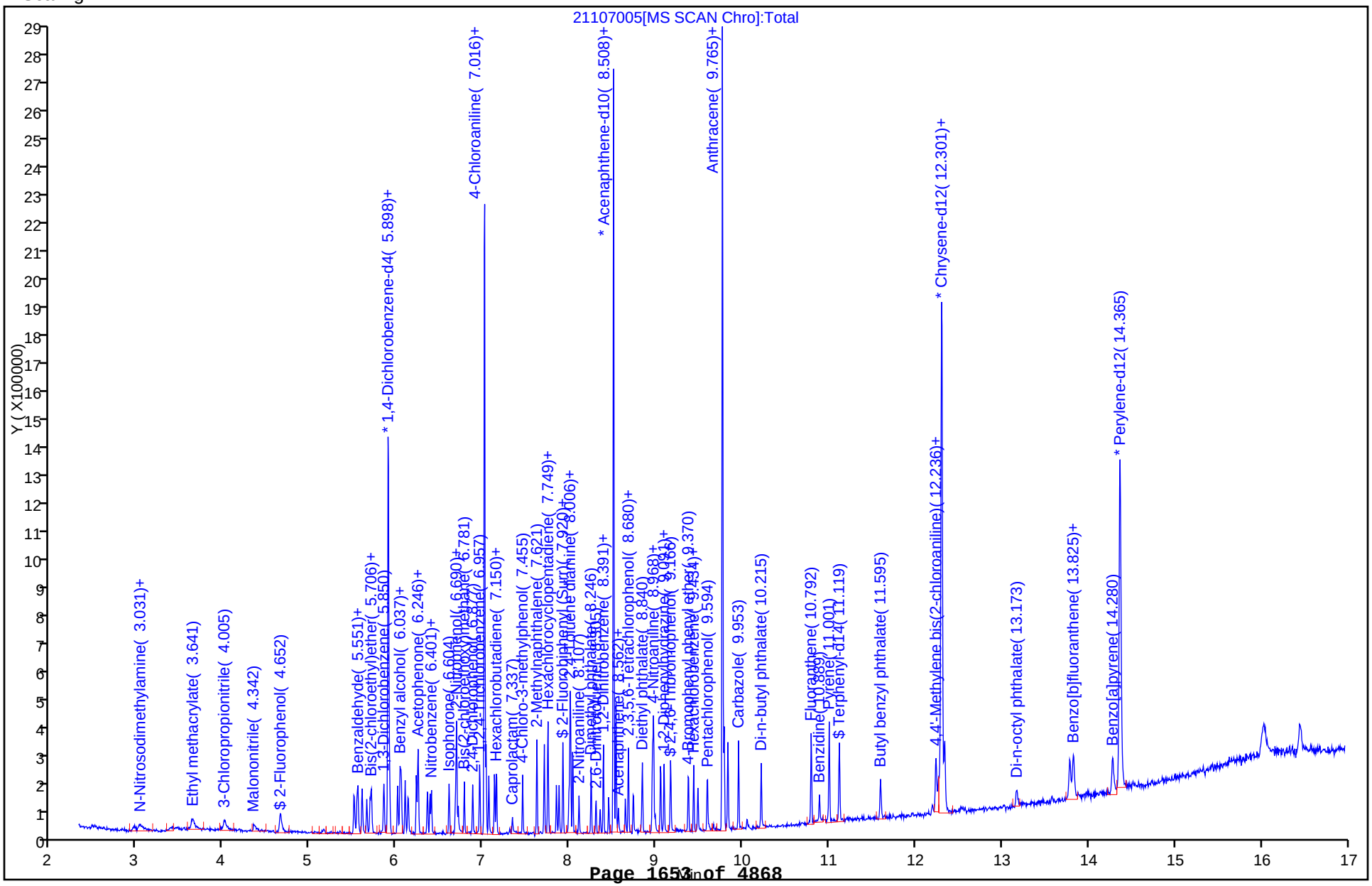
Report Date: 08-Nov-2012 13:38:09 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107005.D

Injection Date:	07-Nov-2012 12:54:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	64102	Lims Sample ID:	5
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



Manual Integration/User Assign Peak Report

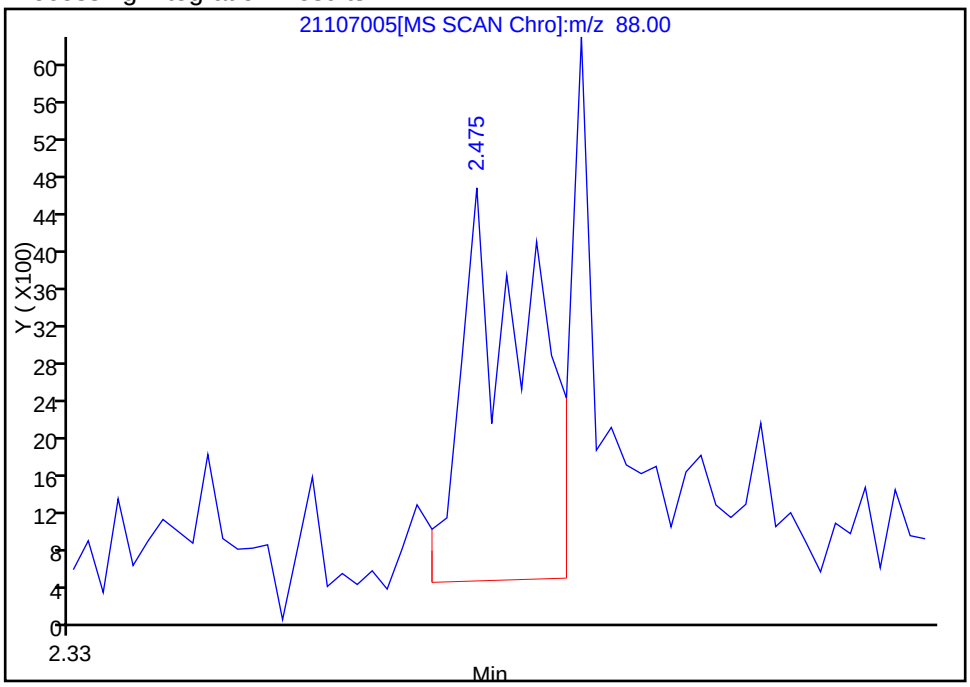
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107005.D		
Injection Date:	07-Nov-2012 12:54:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	64102	Lims Sample ID:	5
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

24 1,4-Dioxane, Signal: 1, m/z: 88.0 Type: quant, RT: 2.50

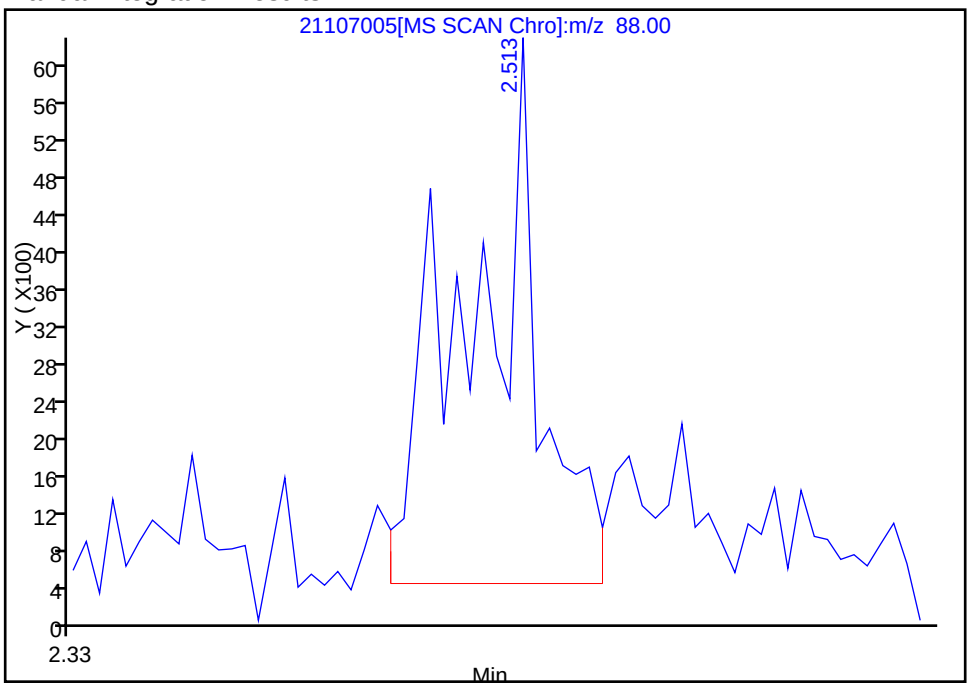
Processing Integration Results

RT: 2.48
Response: 7259
Amount: 0.307210



Manual Integration Results

RT: 2.51
Response: 11562
Amount: 0.458588



Reviewer: gruberj, 07-Nov-2012 14:50:38
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

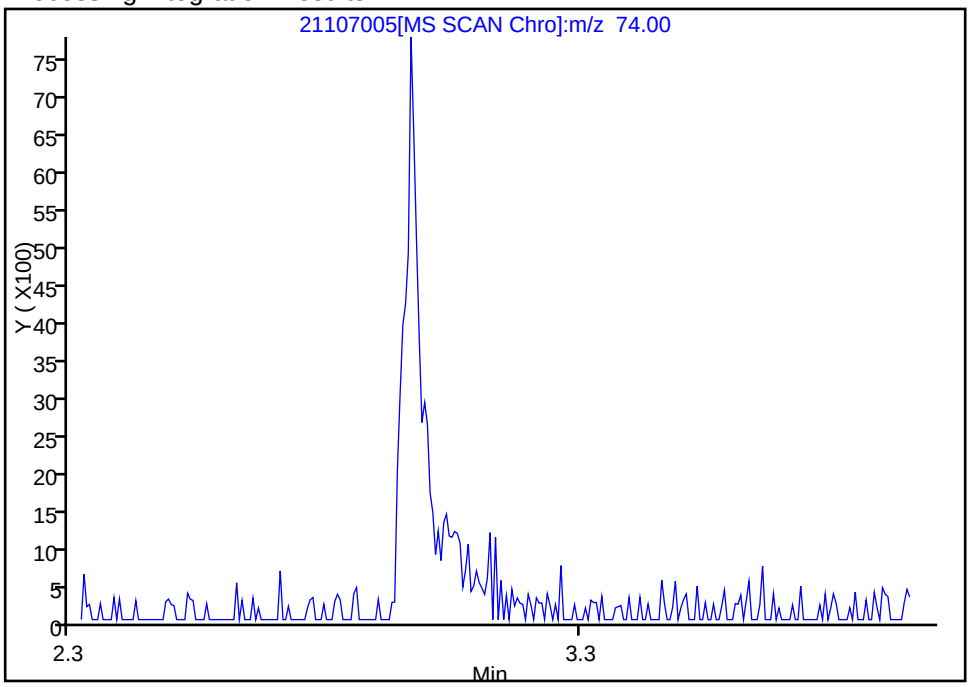
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107005.D		
Injection Date:	07-Nov-2012 12:54:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	64102	Lims Sample ID:	5
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

25 N-Nitrosodimethylamine, Signal: 1, m/z: 74.0 Type: quant, RT: 2.95

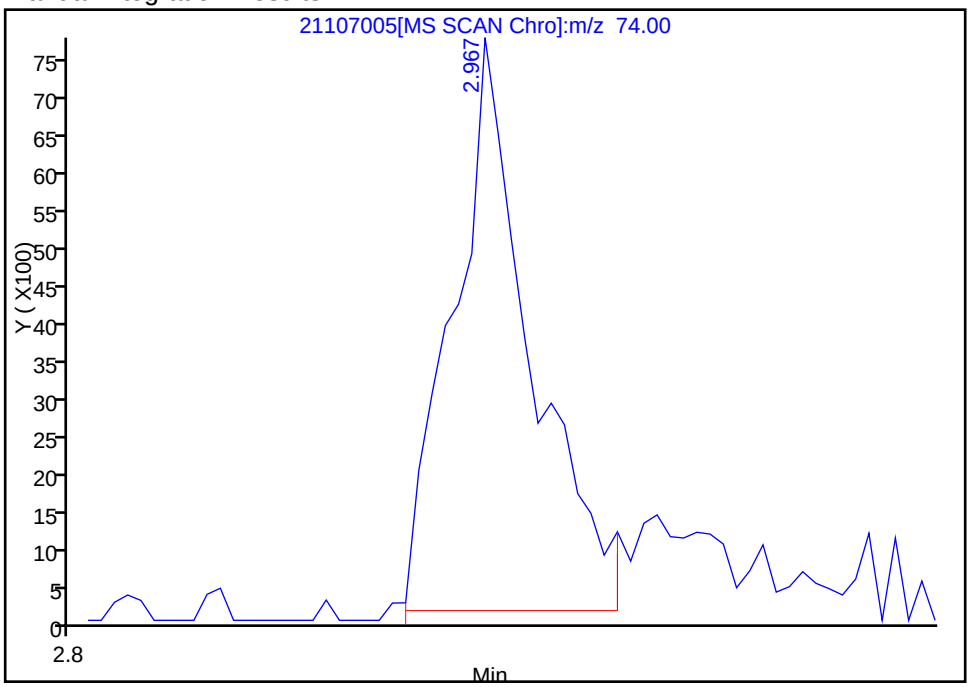
Not Detected
Expected RT: 2.95

Processing Integration Results



Manual Integration Results

RT: 2.97
Response: 16701
Amount: 0.738850



Reviewer: gruberj, 07-Nov-2012 14:50:38
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

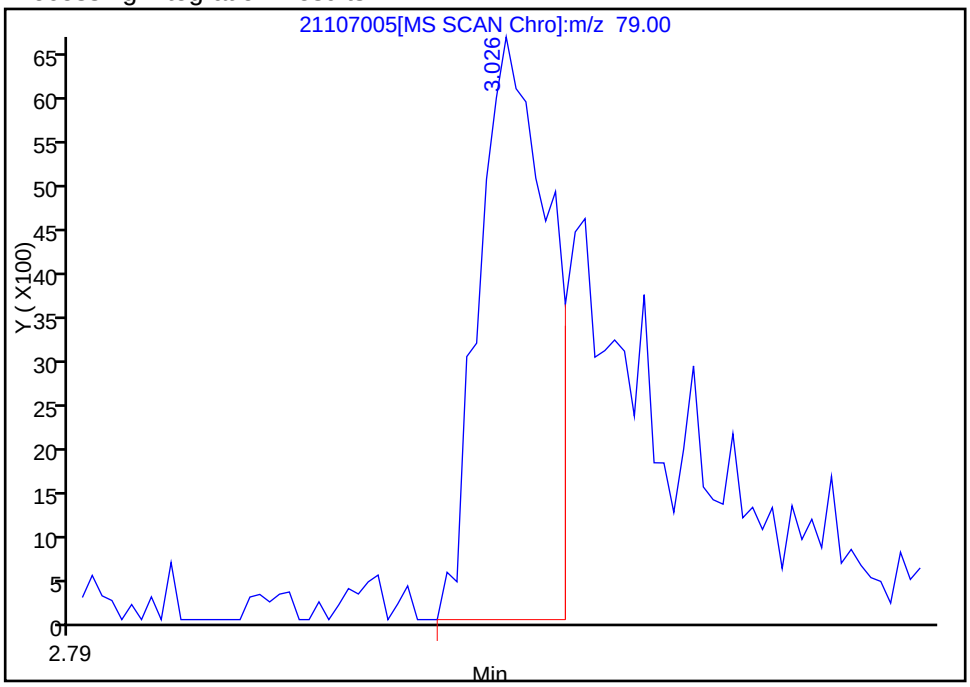
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107005.D		
Injection Date:	07-Nov-2012 12:54:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	64102	Lims Sample ID:	5
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

26 Pyridine, Signal: 1, m/z: 79.0 Type: quant, RT: 3.00

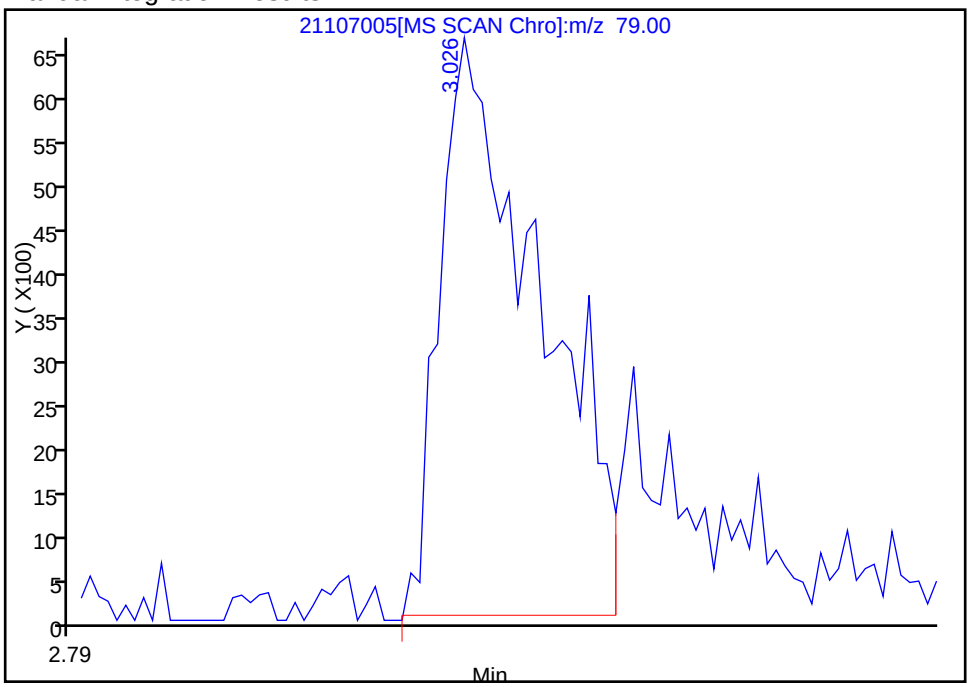
Processing Integration Results

RT: 3.03
Response: 17673
Amount: 0.464592



Manual Integration Results

RT: 3.03
Response: 27577
Amount: 0.381686



Reviewer: gruberj, 07-Nov-2012 14:50:38
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

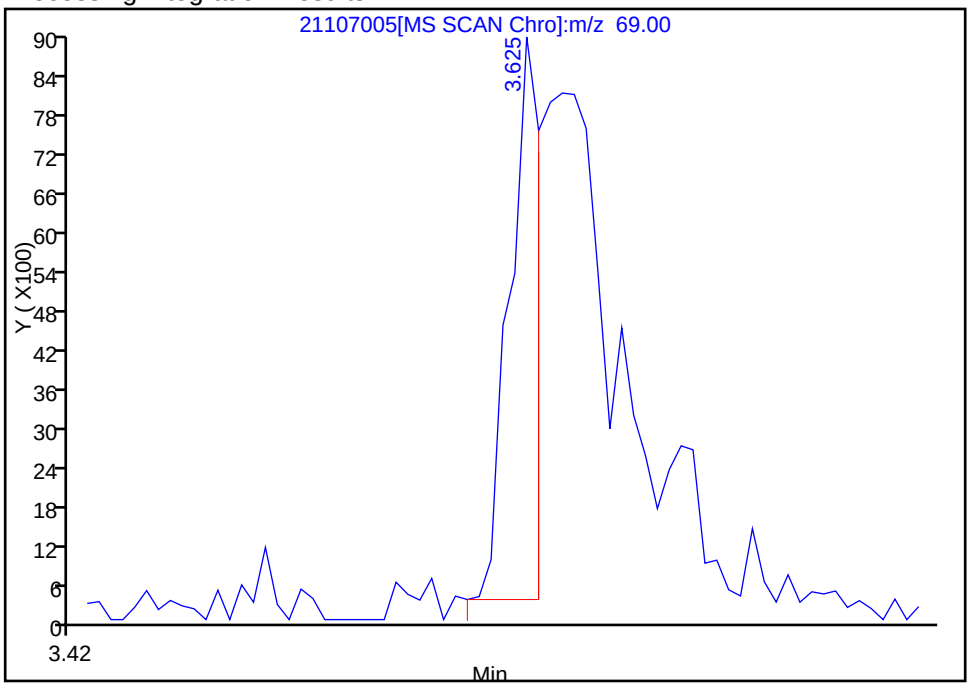
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107005.D		
Injection Date:	07-Nov-2012 12:54:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	64102	Lims Sample ID:	5
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

27 Ethyl methacrylate, Signal: 1, m/z: 69.0 Type: quant, RT: 3.64

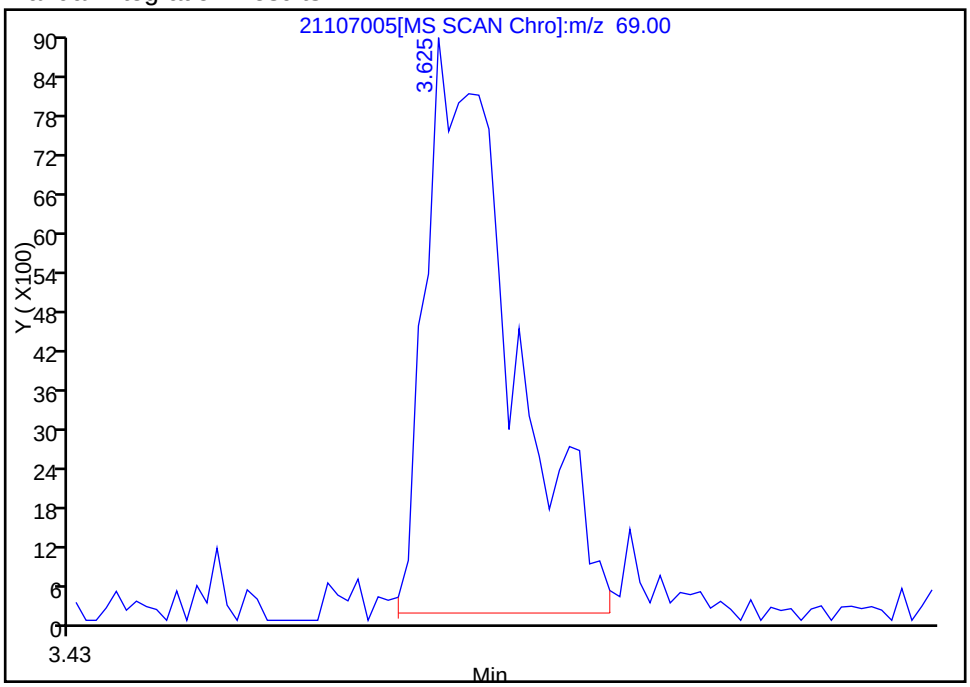
Processing Integration Results

RT: 3.63
Response: 8252
Amount: 0.296683



Manual Integration Results

RT: 3.63
Response: 27799
Amount: 0.463069



Reviewer: gruberj, 07-Nov-2012 14:50:38
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

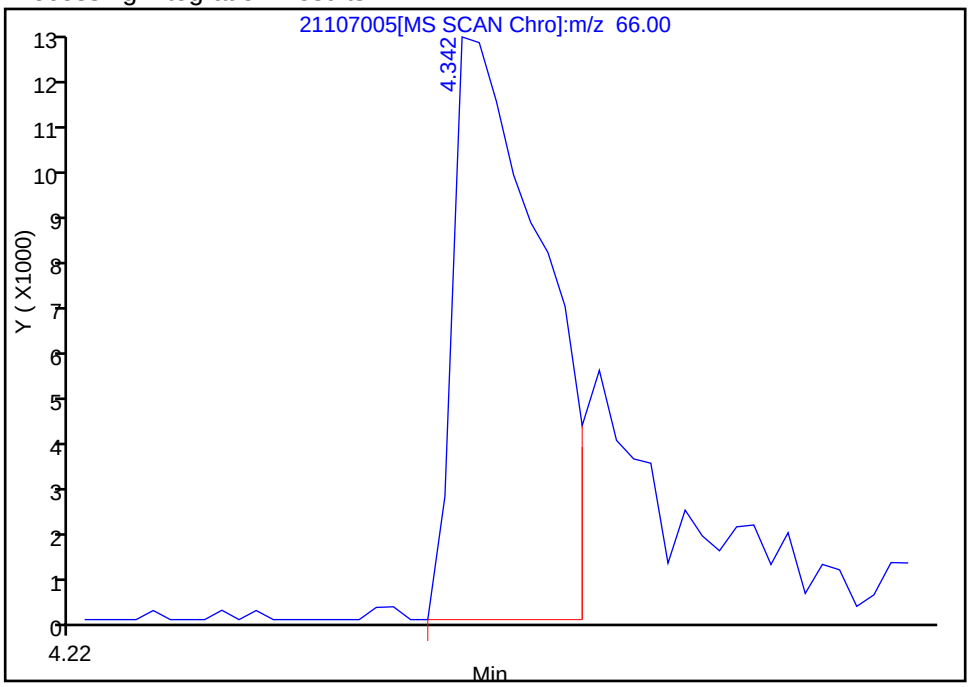
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107005.D		
Injection Date:	07-Nov-2012 12:54:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	64102	Lims Sample ID:	5
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

32 Malononitrile, Signal: 1, m/z: 66.0 Type: quant, RT: 4.34

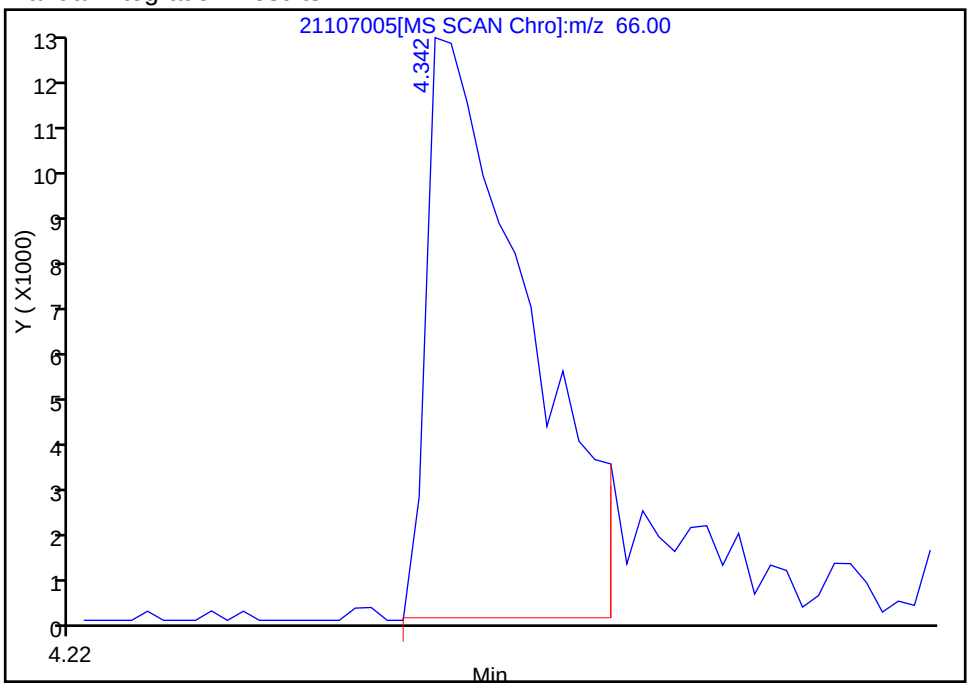
Processing Integration Results

RT: 4.34
Response: 23572
Amount: 0.626350



Manual Integration Results

RT: 4.34
Response: 28334
Amount: 0.374916



Reviewer: gruberj, 07-Nov-2012 14:50:38
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107006.D		
Lims ID:	std1 tcl	Client ID:	
Inject. Date:	07-Nov-2012 13:18:30	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	1
Sample ID:	240-0014744-006		
Misc. Info.:	std1 tcl		
Operator:	001710	Instrument ID:	A4HP7
Injection Vol:	1.0 ul	ALS Bottle#:	6
Lims Batch ID:	64102	Lims Sample ID:	6
Sublist:	chrom-8270_hp7*sub15		
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\8270_hp7.m		
Last Update:	08-Nov-2012 13:38:10	Calib Date:	07-Nov-2012 14:51:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK004		
First Level Reviewer: gruberj		Date:	07-Nov-2012 14:51:24

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.899	5.898	0.001	97	218239	4.00	
* 2 Naphthalene-d8	136	7.016	7.011	0.005	99	848829	4.00	
* 3 Acenaphthene-d10	164	8.509	8.509	0.0	92	463448	4.00	
* 4 Phenanthrene-d10	188	9.766	9.765	0.001	98	807621	4.00	
* 5 Chrysene-d12	240	12.301	12.301	0.0	97	758195	4.00	
* 6 Perylene-d12	264	14.365	14.360	0.005	92	603626	4.00	
$ 9 Nitrobenzene-d5	82	6.385	6.385	0.0	76	6483	0.0869	
$ 10 2-Fluorobiphenyl (Surr)	172	7.920	7.920	0.0	85	14545	0.0967	
$ 12 Terphenyl-d14	244	11.119	11.119	0.0	80	13394	0.0954	
40 Benzaldehyde	77	5.508	5.508	0.0	76	6123	0.1076	
73 Naphthalene	128	7.032	7.032	0.0	47	19322	0.0911	
85 2-Methylnaphthalene	142	7.621	7.621	0.0	79	12641	0.0932	
86 1-Methylnaphthalene	142	7.706	7.706	0.0	77	11911	0.0923	
95 1,1'-Biphenyl	154	8.011	8.011	0.0	91	17216	0.1052	
98 2-Chloronaphthalene	162	8.038	8.038	0.0	80	12516	0.0978	
107 Acenaphthylene	152	8.391	8.391	0.0	80	19842	0.0939	
110 Acenaphthene	153	8.535	8.535	0.0	73	11799	0.0928	
114 Dibenzofuran	168	8.680	8.680	0.0	86	19920	0.1056	
124 Fluorene	166	8.969	8.969	0.0	86	14541	0.0960	
139 Hexachlorobenzene	284	9.434	9.434	0.0	48	4345	0.1024	
146 Phenanthrene	178	9.787	9.787	0.0	83	23225	0.1053	
147 Anthracene	178	9.830	9.830	0.0	89	18837	0.0859	
157 Fluoranthene	202	10.793	10.792	0.001	91	20262	0.0832	
160 Pyrene	202	11.001	11.001	0.0	96	22058	0.0912	
175 Benzo[a]anthracene	228	12.290	12.290	0.0	66	20154	0.0953	
176 Chrysene	228	12.333	12.338	-0.005	77	21017	0.1042	
180 Benzo[b]fluoranthene	252	13.782	13.788	-0.006	79	14882	0.0773	
181 Benzo[k]fluoranthene	252	13.825	13.825	0.0	63	16988	0.0812	
182 Benzo[a]pyrene	252	14.280	14.280	0.0	37	11224	0.1704	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
186 Indeno[1,2,3-cd]pyrene	276	16.018	16.007	0.011	0	12509	0.1395	M
187 Dibenz(a,h)anthracene	278	16.045	16.040	0.005	30	10312	0.2238	M
188 Benzo[g,h,i]perylene	276	16.446	16.446	0.0	57	13397	0.0775	M

QC Flag Legend

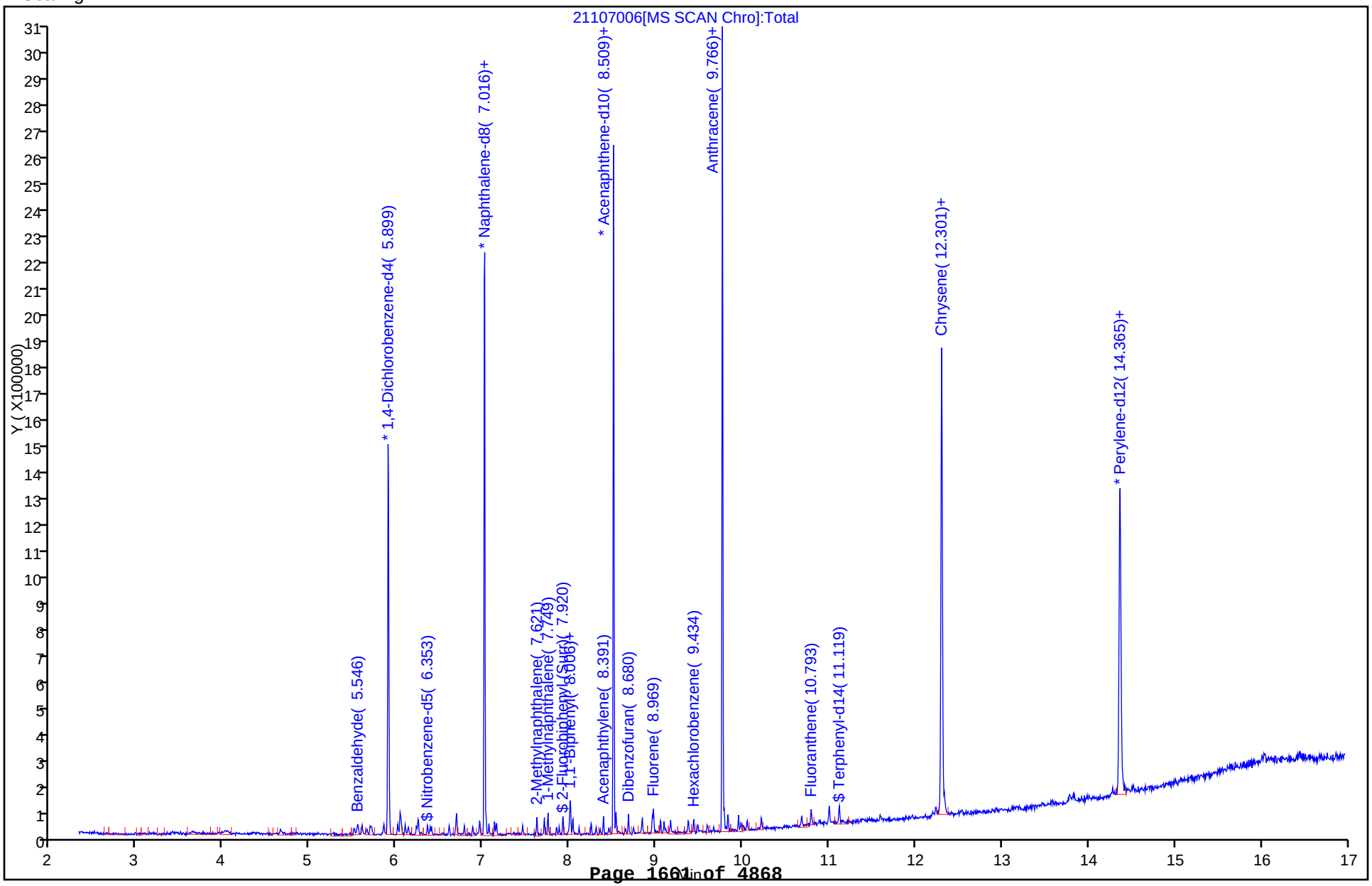
Review Flags
M - Manually Integrated

Report Date: 08-Nov-2012 13:38:11 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107006.D		
Injection Date:	07-Nov-2012 13:18:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	64102	Lims Sample ID:	6
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



Manual Integration/User Assign Peak Report

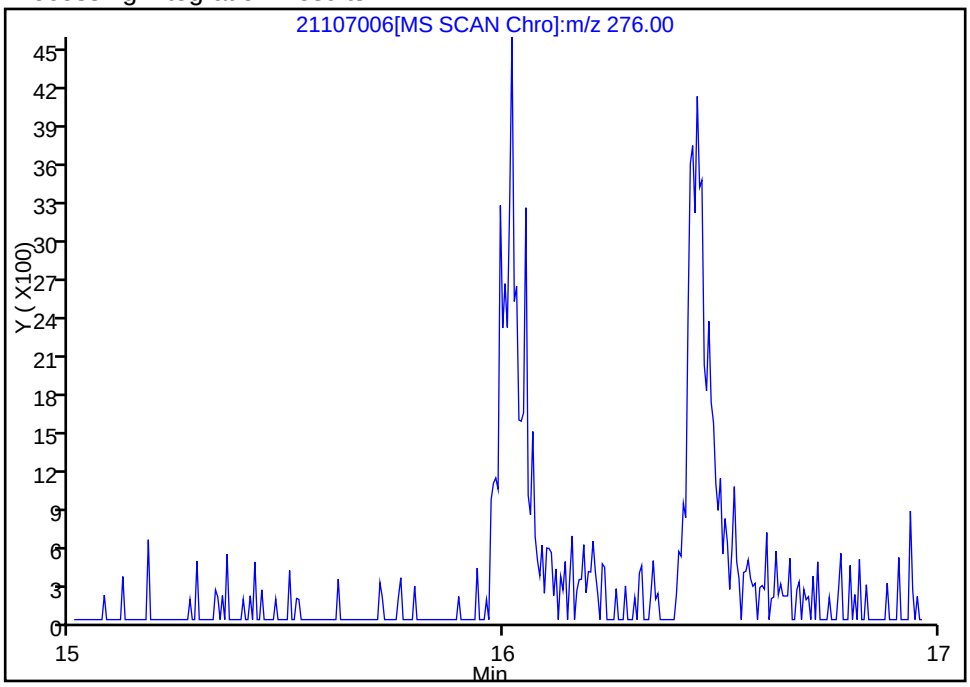
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107006.D		
Injection Date:	07-Nov-2012 13:18:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	64102	Lims Sample ID:	6
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

186 Indeno[1,2,3-cd]pyrene, Signal: 1, m/z: 276.0 Type: quant, RT: 16.01

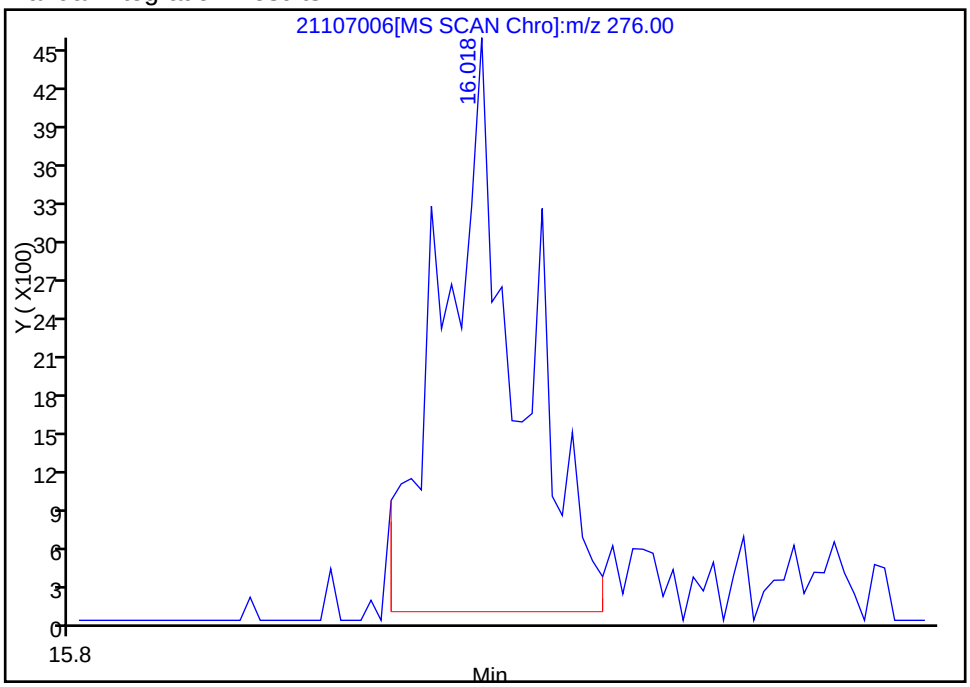
Not Detected
Expected RT: 16.01

Processing Integration Results



Manual Integration Results

RT: 16.02
Response: 12509
Amount: 0.139465



Reviewer: gruberj, 07-Nov-2012 14:51:24
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

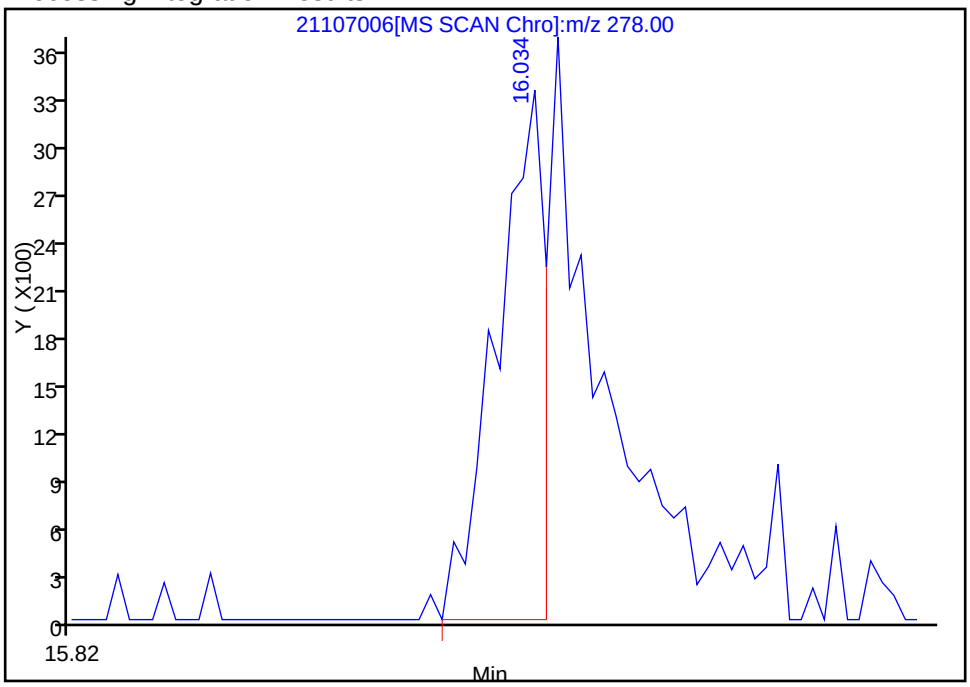
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107006.D		
Injection Date:	07-Nov-2012 13:18:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	64102	Lims Sample ID:	6
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

187 Dibenz(a,h)anthracene, Signal: 1, m/z: 278.0 Type: quant, RT: 16.04

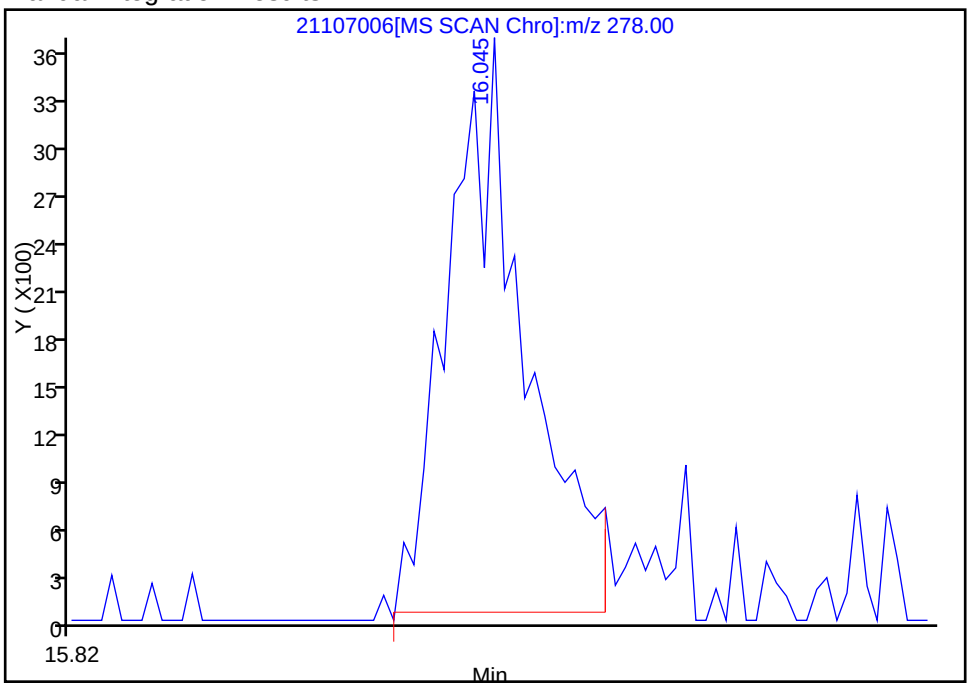
Processing Integration Results

RT: 16.03
Response: 5189
Amount: 0.200793



Manual Integration Results

RT: 16.04
Response: 10312
Amount: 0.223750



Reviewer: gruberj, 07-Nov-2012 14:51:24
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

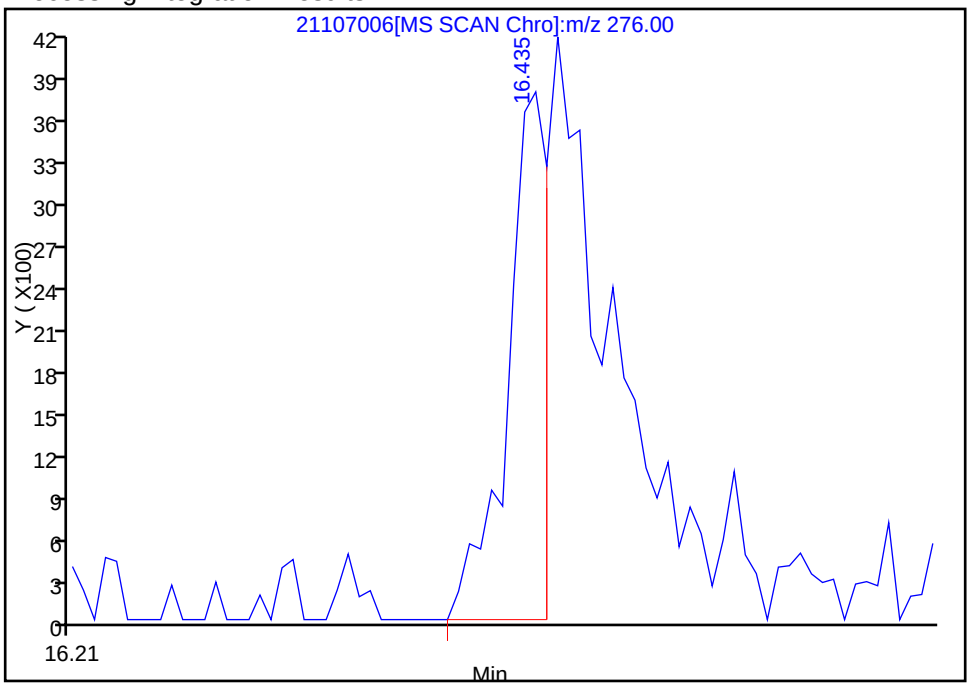
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107006.D		
Injection Date:	07-Nov-2012 13:18:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	64102	Lims Sample ID:	6
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

188 Benzo[g,h,i]perylene, Signal: 1, m/z: 276.0 Type: quant, RT: 16.45

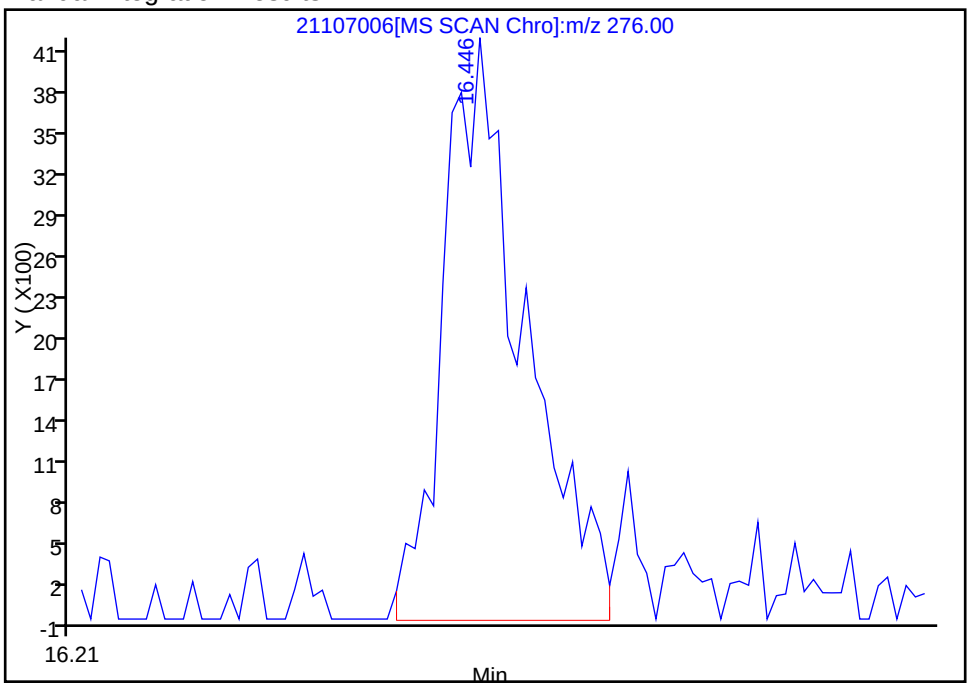
Processing Integration Results

RT: 16.44
Response: 5097
Amount: 0.092366



Manual Integration Results

RT: 16.45
Response: 13397
Amount: 0.077522



Reviewer: gruberj, 07-Nov-2012 14:51:24
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107007.D
Lims ID: std9 tcl
Client ID:
Inject. Date: 07-Nov-2012 13:41:30
Dil. Factor: 1.0000
Sample Type: IC
Calib Level: 9
Sample ID: 240-0014744-007
Misc. Info.: std9 tcl
Operator: 001710
Instrument ID: A4HP7
Injection Vol: 1.0 ul
ALS Bottle#: 7
Lims Batch ID: 64102
Lims Sample ID: 7
Sublist: chrom-8270_hp7*sub15
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121107-14744.b\8270_hp7.m
Last Update: 08-Nov-2012 13:38:12
Calib Date: 07-Nov-2012 14:51:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: 5% phenyl
Column Dia: 0.18 mm
Process Host: XAWRK004

First Level Reviewer: gruberj
Date: 07-Nov-2012 14:52:15

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.904	5.898	0.006	95	204073	4.00	
* 2 Naphthalene-d8	136	7.016	7.011	0.005	100	775333	4.00	
* 3 Acenaphthene-d10	164	8.508	8.509	-0.001	92	454396	4.00	
* 4 Phenanthrene-d10	188	9.765	9.765	0.0	97	774592	4.00	
* 5 Chrysene-d12	240	12.306	12.301	0.005	89	780553	4.00	
* 6 Perylene-d12	264	14.365	14.360	0.005	95	652033	4.00	
$ 7 2-Fluorophenol	112	4.652	4.652	0.0	91	1608759	25.5	
$ 8 Phenol-d5	99	5.540	5.540	0.0	95	2055113	25.7	
$ 9 Nitrobenzene-d5	82	6.385	6.385	0.0	89	1807783	26.5	
$ 10 2-Fluorobiphenyl (Surr)	172	7.925	7.920	0.005	99	3709926	25.2	
$ 11 2,4,6-Tribromophenol	330	9.172	9.172	0.0	87	492588	26.2	
$ 12 Terphenyl-d14	244	11.119	11.119	0.0	98	3740756	25.9	
24 1,4-Dioxane	88	2.507	2.502	0.005	97	670580	28.3	
25 N-Nitrosodimethylamine	74	2.951	2.946	0.005	93	1020584	24.4	
26 Pyridine	79	3.005	3.005	0.0	95	1811625	26.7	
27 Ethyl methacrylate	69	3.641	3.641	0.0	92	1410556	25.0	
28 3-Chloropropionitrile	54	4.005	4.005	0.0	88	983880	26.1	
32 Malononitrile	66	4.342	4.342	0.0	98	1838076	25.9	
40 Benzaldehyde	77		5.508					
41 Phenol	94	5.556	5.551	0.005	98	2157751	25.3	
43 Aniline	93	5.599	5.599	0.0	98	2711054	25.4	
44 Bis(2-chloroethyl)ether	93	5.652	5.652	0.0	96	1653462	25.1	
46 2-Chlorophenol	128	5.706	5.706	0.0	97	1749387	25.4	
47 1,3-Dichlorobenzene	146	5.850	5.850	0.0	96	1840193	24.7	
48 1,4-Dichlorobenzene	146	5.914	5.915	-0.001	91	1812536	24.5	
49 Benzyl alcohol	108	6.011	6.011	0.0	91	1109887	26.1	
50 1,2-Dichlorobenzene	146	6.053	6.054	-0.001	95	1761611	25.0	
51 2-Methylphenol	108	6.096	6.096	0.0	96	1598670	25.7	
52 2,2'-oxybis[1-chloropropane]	45	6.134	6.134	0.0	92	2394076	24.7	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
191 3 & 4 Methylphenol	108	6.230	6.230	0.0	97	1641179	25.2	
56 N-Nitrosodi-n-propylamine	70	6.246	6.246	0.0	90	1170477	25.3	
57 Acetophenone	105	6.251	6.251	0.0	96	2303818	25.0	
60 Hexachloroethane	117	6.353	6.353	0.0	94	737294	24.6	
61 Nitrobenzene	77	6.401	6.401	0.0	84	1835606	26.1	
63 Isophorone	82	6.610	6.605	0.006	98	3291755	26.6	
65 2-Nitrophenol	139	6.679	6.679	0.0	96	886070	26.7	
66 1,3,5-Trichlorobenzene	180	6.690	6.690	0.0	95	1509857	24.6	
64 2,4-Dimethylphenol	107	6.695	6.695	0.0	95	1663053	25.5	
69 Benzoic acid	122	6.786	6.760	0.026	54	2263947	49.2	
68 Bis(2-chloroethoxy)methane	93	6.781	6.781	0.0	99	1980306	25.2	
71 2,4-Dichlorophenol	162	6.882	6.877	0.005	93	1363692	26.5	
72 1,2,4-Trichlorobenzene	180	6.963	6.958	0.005	89	1543759	25.1	
73 Naphthalene	128	7.032	7.032	0.0	96	5098943	26.3	
74 4-Chloroaniline	127	7.064	7.064	0.0	85	2153710	26.1	
77 Hexachlorobutadiene	225	7.134	7.129	0.005	90	834160	25.1	
78 1,2,3-Trichlorobenzene	180	7.155	7.150	0.005	90	1452449	0	
83 Caprolactam	113	7.364	7.348	0.016	80	409876	24.6	
84 4-Chloro-3-methylphenol	107	7.460	7.455	0.005	94	1473568	26.6	
85 2-Methylnaphthalene	142	7.621	7.621	0.0	88	3192368	25.8	
86 1-Methylnaphthalene	142	7.706	7.706	0.0	83	3074953	26.1	
87 1,2,3,5-Tetrachlorobenzene	216	7.749	7.749	0.0	93	1502806	24.3	
88 Hexachlorocyclopentadiene	237	7.749	7.749	0.0	92	976433	26.5	
90 2,4,6-Trichlorophenol	196	7.851	7.845	0.006	92	1013558	26.5	
91 2,4,5-Trichlorophenol	196	7.883	7.877	0.006	95	1072129	26.0	
94 2,4-Toluene diamine	121	7.995	7.990	0.005	97	868625	22.0	
96 1,2,3,4 -Tetrachlorobenzene	216	8.006	8.001	0.005	87	1440062	0	
95 1,1'-Biphenyl	154	8.011	8.011	0.0	93	3965786	24.7	
98 2-Chloronaphthalene	162	8.038	8.038	0.0	95	3115146	24.8	
100 2-Nitroaniline	65	8.107	8.107	0.0	83	987900	26.8	
103 Dimethyl phthalate	163	8.252	8.252	0.0	99	3437402	25.8	
105 2,6-Dinitrotoluene	165	8.311	8.305	0.006	90	768083	24.6	
106 1,2-Dinitrobenzene	168	8.359	8.354	0.005	89	409392	27.6	
107 Acenaphthylene	152	8.391	8.391	0.0	97	5445218	26.3	
108 3-Nitroaniline	138	8.455	8.450	0.005	93	928853	27.8	
110 Acenaphthene	153	8.535	8.535	0.0	91	3085730	24.8	
109 2,4-Dinitrophenol	184	8.541	8.535	0.006	79	1106604	49.3	
111 4-Nitrophenol	109	8.567	8.562	0.005	90	539112	28.0	
112 2,4-Dinitrotoluene	165	8.653	8.648	0.005	93	1064143	24.6	
114 Dibenzofuran	168	8.680	8.680	0.0	88	4675894	25.3	
115 2,3,5,6-Tetrachlorophenol	232	8.738	8.733	0.005	89	924029	27.2	
119 Diethyl phthalate	149	8.845	8.840	0.005	97	3593483	25.8	
121 4-Chlorophenyl phenyl ether	204	8.958	8.958	0.0	93	1748364	24.9	
123 4-Nitroaniline	138	8.974	8.969	0.005	61	904568	24.6	
124 Fluorene	166	8.974	8.969	0.005	91	3734212	25.1	
126 4,6-Dinitro-2-methylphenol	198	8.995	8.990	0.005	79	687768	24.7	
130 N-Nitrosodiphenylamine	169	9.054	9.049	0.005	0	2794355	26.2	
129 1,2-Diphenylhydrazine	77	9.091	9.092	-0.001	0	3920417	26.0	
131 Azobenzene	77	9.091	9.092	-0.001	99	3920417	26.0	
137 4-Bromophenyl phenyl ether	248	9.375	9.375	0.0	62	999726	25.3	
139 Hexachlorobenzene	284	9.439	9.434	0.005	90	998152	24.5	
140 Atrazine	200	9.487	9.482	0.005	90	719727	24.8	

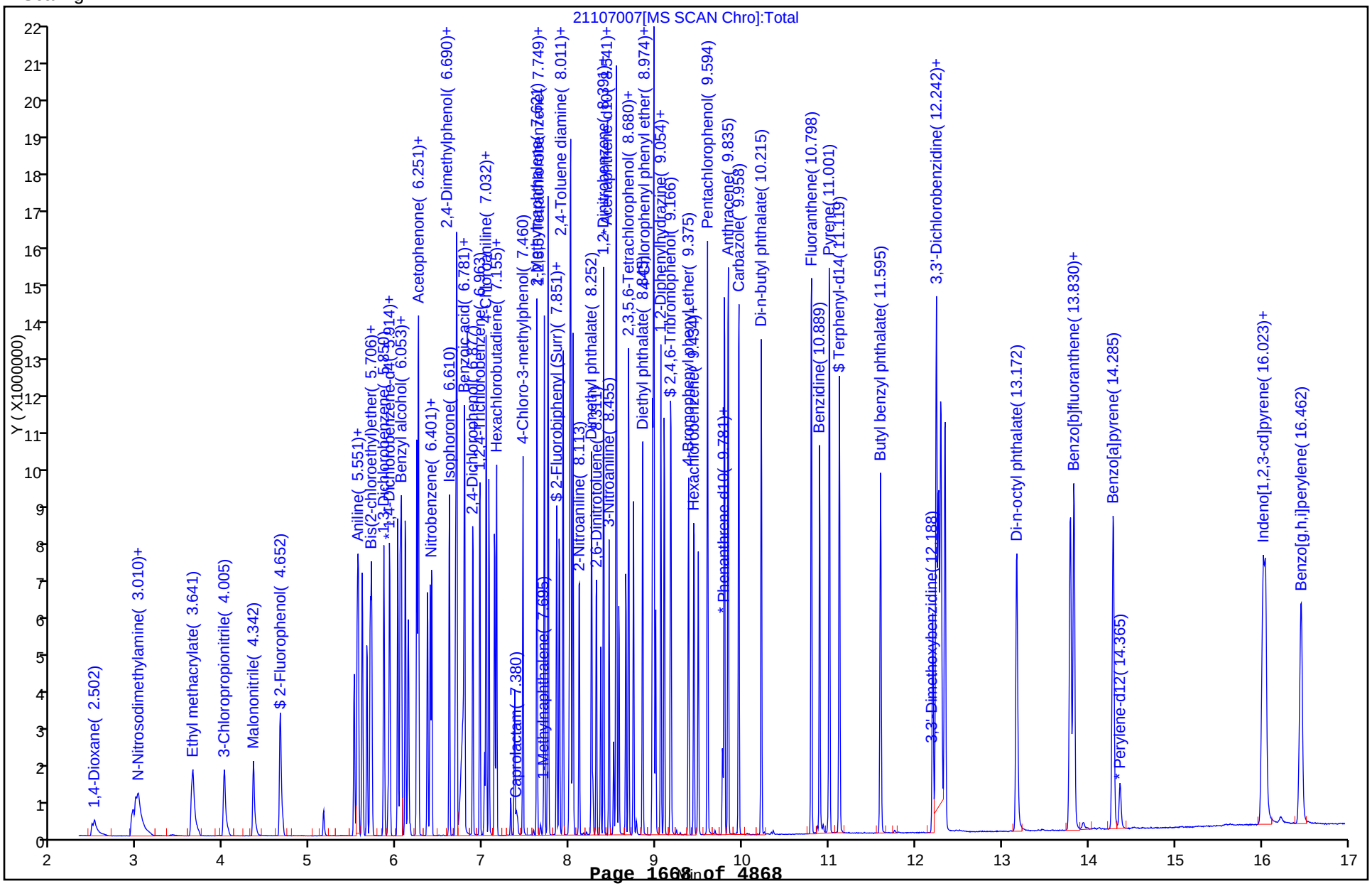
Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
141 Pentachlorophenol	266	9.594	9.594	0.0	87	1450927	50.1	
146 Phenanthrene	178	9.787	9.787	0.0	97	5330724	25.2	
147 Anthracene	178	9.835	9.830	0.005	96	5594055	26.6	
149 Carbazole	167	9.958	9.953	0.005	81	5414909	26.5	
151 Di-n-butyl phthalate	149	10.215	10.215	0.0	99	6436053	28.1	
157 Fluoranthene	202	10.798	10.792	0.006	96	6279316	26.9	
158 Benzidine	184	10.889	10.894	-0.005	99	3730708	24.8	
160 Pyrene	202	11.001	11.001	0.0	98	6663115	26.8	
166 Butyl benzyl phthalate	149	11.595	11.595	0.0	97	2723023	24.8	
170 3,3'-Dimethoxybenzidine	244	12.199	12.194	0.005	87	1502602	24.6	
173 3,3'-Dichlorobenzidine	252	12.242	12.237	0.005	64	2222486	24.9	
172 4,4'-Methylene bis(2-chloroanili	231	12.242	12.237	0.005	71	1060036	25.0	
171 Bis(2-ethylhexyl) phthalate	149	12.269	12.263	0.006	95	3834094	24.7	
175 Benzo[a]anthracene	228	12.290	12.290	0.0	94	5770519	26.5	
176 Chrysene	228	12.343	12.338	0.005	92	5395172	26.0	
178 Di-n-octyl phthalate	149	13.172	13.167	0.005	99	6486699	24.8	
180 Benzo[b]fluoranthene	252	13.793	13.788	0.005	93	5752475	27.7	
181 Benzo[k]fluoranthene	252	13.830	13.825	0.005	95	6401152	28.3	
182 Benzo[a]pyrene	252	14.285	14.280	0.005	75	5751071	25.0	
186 Indeno[1,2,3-cd]pyrene	276	16.018	16.007	0.011	94	6209963	25.0	
187 Dibenz(a,h)anthracene	278	16.050	16.040	0.010	79	5198411	24.9	
188 Benzo[g,h,i]perylene	276	16.462	16.446	0.016	93	5328943	28.5	
S 189 Methyl Phenols,Total	100				0		25.7	

Report Date: 08-Nov-2012 13:38:12 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107007.D		
Injection Date:	07-Nov-2012 13:41:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	64102	Lims Sample ID:	7
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107008.D		
Lims ID:	std8 tcl	Client ID:	
Inject. Date:	07-Nov-2012 14:05:30	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	8
Sample ID:	240-0014744-008		
Misc. Info.:	std8 tcl		
Operator:	001710	Instrument ID:	A4HP7
Injection Vol:	1.0 ul	ALS Bottle#:	8
Lims Batch ID:	64102	Lims Sample ID:	8
Sublist:	chrom-8270_hp7*sub15		
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\8270_hp7.m		
Last Update:	08-Nov-2012 13:38:14	Calib Date:	07-Nov-2012 14:51:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK004		
First Level Reviewer: gruberj		Date:	07-Nov-2012 14:52:58

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.904	5.898	0.006	94	266636	4.00	
* 2 Naphthalene-d8	136	7.016	7.011	0.005	99	1051114	4.00	
* 3 Acenaphthene-d10	164	8.509	8.509	0.0	92	603275	4.00	
* 4 Phenanthrene-d10	188	9.766	9.765	0.001	95	1061630	4.00	
* 5 Chrysene-d12	240	12.306	12.301	0.005	96	1072143	4.00	
* 6 Perylene-d12	264	14.365	14.360	0.005	96	921300	4.00	
$ 7 2-Fluorophenol	112	4.652	4.652	0.0	93	1776893	21.6	
$ 8 Phenol-d5	99	5.540	5.540	0.0	94	2282025	21.8	
$ 9 Nitrobenzene-d5	82	6.385	6.385	0.0	89	2011974	21.8	
$ 10 2-Fluorobiphenyl (Surr)	172	7.926	7.920	0.006	99	4176600	21.3	
$ 11 2,4,6-Tribromophenol	330	9.172	9.172	0.0	87	542442	21.7	
$ 12 Terphenyl-d14	244	11.119	11.119	0.0	98	4196729	21.1	
24 1,4-Dioxane	88	2.507	2.502	0.005	96	533305	17.2	
25 N-Nitrosodimethylamine	74	2.951	2.946	0.005	92	1152976	21.2	
26 Pyridine	79	3.010	3.005	0.005	94	1976673	22.3	
27 Ethyl methacrylate	69	3.641	3.641	0.0	91	1555123	21.1	
28 3-Chloropropionitrile	54	4.005	4.005	0.0	88	1105388	22.5	
32 Malononitrile	66	4.342	4.342	0.0	97	2134060	23.0	
40 Benzaldehyde	77	5.508	5.508	0.0	92	1113893	16.0	
41 Phenol	94	5.556	5.551	0.005	98	2377819	21.3	
43 Aniline	93	5.599	5.599	0.0	98	2982264	21.4	
44 Bis(2-chloroethyl)ether	93	5.658	5.652	0.006	96	1820736	21.1	
46 2-Chlorophenol	128	5.706	5.706	0.0	97	1939192	21.5	
47 1,3-Dichlorobenzene	146	5.850	5.850	0.0	96	2033209	20.9	
48 1,4-Dichlorobenzene	146	5.920	5.915	0.005	94	1994970	20.7	
49 Benzyl alcohol	108	6.011	6.011	0.0	91	1218061	21.9	
50 1,2-Dichlorobenzene	146	6.054	6.054	0.0	95	1921155	20.9	
51 2-Methylphenol	108	6.096	6.096	0.0	95	1761548	21.7	
52 2,2'-oxybis[1-chloropropane]	45	6.134	6.134	0.0	92	2710885	21.4	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
191 3 & 4 Methylphenol	108	6.230	6.230	0.0	96	1863583	21.9	
56 N-Nitrosodi-n-propylamine	70	6.246	6.246	0.0	89	1305510	21.6	
57 Acetophenone	105	6.252	6.251	0.001	95	2540663	21.1	
60 Hexachloroethane	117	6.353	6.353	0.0	93	812553	20.7	
61 Nitrobenzene	77	6.401	6.401	0.0	81	2023003	21.2	
63 Isophorone	82	6.610	6.605	0.006	97	3679329	21.9	
65 2-Nitrophenol	139	6.679	6.679	0.0	96	994494	22.1	
66 1,3,5-Trichlorobenzene	180	6.690	6.690	0.0	95	1677390	20.1	
64 2,4-Dimethylphenol	107	6.695	6.695	0.0	95	1847588	20.9	
69 Benzoic acid	122	6.792	6.760	0.032	84	2567708	41.6	
68 Bis(2-chloroethoxy)methane	93	6.781	6.781	0.0	98	2179326	20.5	
71 2,4-Dichlorophenol	162	6.883	6.877	0.006	94	1510979	21.6	
72 1,2,4-Trichlorobenzene	180	6.963	6.958	0.005	93	1678302	20.2	
73 Naphthalene	128	7.032	7.032	0.0	97	5581839	21.3	
74 4-Chloroaniline	127	7.065	7.064	0.0	85	2412184	21.5	
77 Hexachlorobutadiene	225	7.129	7.129	0.0	93	908100	20.1	
78 1,2,3-Trichlorobenzene	180	7.155	7.150	0.005	90	1598618	0	
83 Caprolactam	113	7.369	7.348	0.021	80	479685	20.0	
84 4-Chloro-3-methylphenol	107	7.460	7.455	0.005	93	1637447	21.8	
85 2-Methylnaphthalene	142	7.621	7.621	0.0	83	3531733	21.0	
86 1-Methylnaphthalene	142	7.706	7.706	0.0	83	3374252	21.1	
87 1,2,3,5-Tetrachlorobenzene	216	7.749	7.749	0.0	93	1631883	19.9	
88 Hexachlorocyclopentadiene	237	7.749	7.749	0.0	86	1059644	21.7	
90 2,4,6-Trichlorophenol	196	7.851	7.845	0.006	90	1118437	22.0	
91 2,4,5-Trichlorophenol	196	7.883	7.877	0.006	95	1212108	22.1	
94 2,4-Toluene diamine	121	7.995	7.990	0.005	98	882419	16.5	
96 1,2,3,4 -Tetrachlorobenzene	216	8.006	8.001	0.005	90	1564968	0	
95 1,1'-Biphenyl	154	8.011	8.011	0.0	93	4411496	20.7	
98 2-Chloronaphthalene	162	8.038	8.038	0.0	95	3457946	20.8	
100 2-Nitroaniline	65	8.113	8.107	0.006	86	1115602	22.8	
103 Dimethyl phthalate	163	8.252	8.252	0.0	99	3825470	21.6	
105 2,6-Dinitrotoluene	165	8.311	8.305	0.006	91	867959	21.0	
106 1,2-Dinitrobenzene	168	8.359	8.354	0.005	89	456583	23.2	
107 Acenaphthylene	152	8.391	8.391	0.0	91	6002224	21.8	
108 3-Nitroaniline	138	8.455	8.450	0.005	94	1049195	23.7	
110 Acenaphthene	153	8.535	8.535	0.0	92	3408737	20.6	
109 2,4-Dinitrophenol	184	8.541	8.535	0.006	75	1219360	41.2	
111 4-Nitrophenol	109	8.573	8.562	0.011	91	593687	23.2	
112 2,4-Dinitrotoluene	165	8.653	8.648	0.005	93	1184303	20.8	
114 Dibenzofuran	168	8.680	8.680	0.0	85	5132615	20.9	
115 2,3,5,6-Tetrachlorophenol	232	8.739	8.733	0.006	86	1035587	22.9	
119 Diethyl phthalate	149	8.846	8.840	0.006	98	4041181	21.8	
121 4-Chlorophenyl phenyl ether	204	8.958	8.958	0.0	91	1987312	21.3	
123 4-Nitroaniline	138	8.974	8.969	0.005	67	1024556	21.0	
124 Fluorene	166	8.974	8.969	0.005	82	4078515	20.7	
126 4,6-Dinitro-2-methylphenol	198	8.995	8.990	0.005	79	771658	20.6	
130 N-Nitrosodiphenylamine	169	9.054	9.049	0.005	0	3139006	21.4	
129 1,2-Diphenylhydrazine	77	9.092	9.092	0.0	0	4392481	21.3	
131 Azobenzene	77	9.092	9.092	0.0	98	4392962	21.3	
137 4-Bromophenyl phenyl ether	248	9.375	9.375	0.0	62	1120053	20.7	
139 Hexachlorobenzene	284	9.439	9.434	0.005	90	1115873	20.0	
140 Atrazine	200	9.487	9.482	0.005	91	787545	19.8	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
141 Pentachlorophenol	266	9.594	9.594	0.0	85	1569637	40.1	
146 Phenanthrene	178	9.792	9.787	0.005	96	5971362	20.6	
147 Anthracene	178	9.835	9.830	0.005	96	6267637	21.8	
149 Carbazole	167	9.958	9.953	0.005	81	6046967	21.6	
151 Di-n-butyl phthalate	149	10.215	10.215	0.0	100	7068549	22.5	
157 Fluoranthene	202	10.798	10.792	0.006	96	7078899	22.1	
158 Benzidine	184	10.894	10.894	0.0	99	4126710	20.5	
160 Pyrene	202	11.006	11.001	0.005	97	7417941	21.7	
166 Butyl benzyl phthalate	149	11.595	11.595	0.0	96	3041849	20.5	
170 3,3'-Dimethoxybenzidine	244	12.199	12.194	0.005	92	1703500	20.8	
173 3,3'-Dichlorobenzidine	252	12.242	12.237	0.005	61	2485326	20.4	
172 4,4'-Methylene bis(2-chloroanili	231	12.242	12.237	0.005	70	1150023	20.1	
171 Bis(2-ethylhexyl) phthalate	149	12.269	12.263	0.006	95	4342850	20.7	
175 Benzo[a]anthracene	228	12.295	12.290	0.005	96	6432402	21.5	
176 Chrysene	228	12.344	12.338	0.006	95	5976490	21.0	
178 Di-n-octyl phthalate	149	13.173	13.167	0.006	99	7366681	20.5	
180 Benzo[b]fluoranthene	252	13.793	13.788	0.005	91	6761810	23.0	
181 Benzo[k]fluoranthene	252	13.836	13.825	0.011	89	6927834	21.7	
182 Benzo[a]pyrene	252	14.291	14.280	0.010	76	6389303	20.1	
186 Indeno[1,2,3-cd]pyrene	276	16.023	16.007	0.016	94	6972181	20.1	
187 Dibenz(a,h)anthracene	278	16.050	16.040	0.010	77	5905981	20.2	
188 Benzo[g,h,i]perylene	276	16.462	16.446	0.016	90	5973870	22.6	
S 189 Methyl Phenols,Total	100				0		21.7	

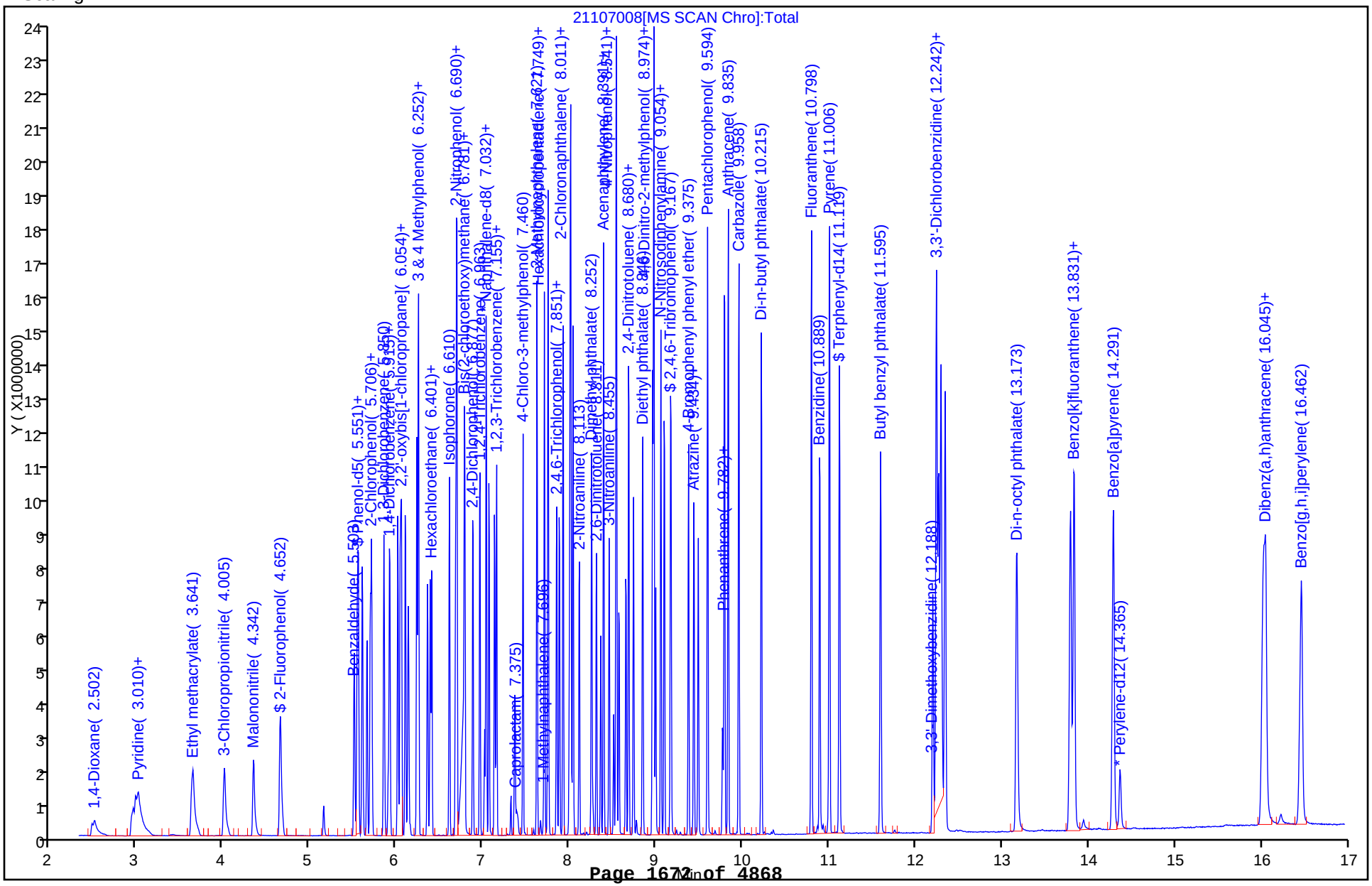
Report Date: 08-Nov-2012 13:38:14 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107008.D

Injection Date:	07-Nov-2012 14:05:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	64102	Lims Sample ID:	8
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107009.D		
Lims ID:	std7 tcl	Client ID:	
Inject. Date:	07-Nov-2012 14:28:30	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	7
Sample ID:	240-0014744-009		
Misc. Info.:	std7 tcl		
Operator:	001710	Instrument ID:	A4HP7
Injection Vol:	1.0 ul	ALS Bottle#:	9
Lims Batch ID:	64102	Lims Sample ID:	9
Sublist:	chrom-8270_hp7*sub15		
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\8270_hp7.m		
Last Update:	08-Nov-2012 13:38:15	Calib Date:	07-Nov-2012 14:51:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK004		
First Level Reviewer: gruberj		Date:	07-Nov-2012 14:53:37

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.898	5.898	0.0	96	236816	4.00	
* 2 Naphthalene-d8	136	7.016	7.011	0.005	99	904520	4.00	
* 3 Acenaphthene-d10	164	8.508	8.509	-0.001	92	511064	4.00	
* 4 Phenanthrene-d10	188	9.765	9.765	0.0	97	886480	4.00	
* 5 Chrysene-d12	240	12.306	12.301	0.005	94	905642	4.00	
* 6 Perylene-d12	264	14.365	14.360	0.005	96	738323	4.00	
$ 7 2-Fluorophenol	112	4.652	4.652	0.0	92	1084134	14.8	
$ 8 Phenol-d5	99	5.540	5.540	0.0	89	1401532	15.1	
$ 9 Nitrobenzene-d5	82	6.385	6.385	0.0	88	1231341	15.5	
$ 10 2-Fluorobiphenyl (Surr)	172	7.920	7.920	0.0	100	2490882	15.0	
$ 11 2,4,6-Tribromophenol	330	9.172	9.172	0.0	89	329077	15.6	
$ 12 Terphenyl-d14	244	11.119	11.119	0.0	99	2500174	14.9	
24 1,4-Dioxane	88	2.507	2.502	0.005	90	357431	13.0	
25 N-Nitrosodimethylamine	74	2.951	2.946	0.005	89	710533	14.8	
26 Pyridine	79	3.010	3.005	0.005	95	1240295	15.7	
27 Ethyl methacrylate	69	3.641	3.641	0.0	92	959932	14.7	
28 3-Chloropropionitrile	54	4.005	4.005	0.0	90	675455	15.5	
32 Malononitrile	66	4.342	4.342	0.0	97	1310337	15.9	
40 Benzaldehyde	77	5.508	5.508	0.0	93	807962	13.1	
41 Phenol	94	5.551	5.551	0.0	99	1483091	15.0	
43 Aniline	93	5.599	5.599	0.0	98	1852000	14.9	
44 Bis(2-chloroethyl)ether	93	5.652	5.652	0.0	95	1122950	14.7	
46 2-Chlorophenol	128	5.706	5.706	0.0	97	1178499	14.7	
47 1,3-Dichlorobenzene	146	5.850	5.850	0.0	96	1256355	14.6	
48 1,4-Dichlorobenzene	146	5.914	5.915	-0.001	92	1250498	14.6	
49 Benzyl alcohol	108	6.011	6.011	0.0	91	752132	15.2	
50 1,2-Dichlorobenzene	146	6.053	6.054	-0.001	95	1182427	14.5	
51 2-Methylphenol	108	6.096	6.096	0.0	96	1067935	14.8	
52 2,2'-oxybis[1-chloropropane]	45	6.134	6.134	0.0	92	1630140	14.5	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
191 3 & 4 Methylphenol	108	6.230	6.230	0.0	97	1134834	15.0	
56 N-Nitrosodi-n-propylamine	70	6.246	6.246	0.0	87	805470	15.0	
57 Acetophenone	105	6.251	6.251	0.0	91	1561539	14.6	
60 Hexachloroethane	117	6.353	6.353	0.0	94	505961	14.5	
61 Nitrobenzene	77	6.401	6.401	0.0	83	1234618	15.0	
63 Isophorone	82	6.604	6.605	0.0	97	2187568	15.2	
65 2-Nitrophenol	139	6.679	6.679	0.0	95	611408	15.8	
66 1,3,5-Trichlorobenzene	180	6.690	6.690	0.0	95	1035680	14.4	
64 2,4-Dimethylphenol	107	6.695	6.695	0.0	93	1141006	15.0	
69 Benzoic acid	122	6.770	6.760	0.010	84	1543106	29.7	
68 Bis(2-chloroethoxy)methane	93	6.781	6.781	0.0	93	1353489	14.8	
71 2,4-Dichlorophenol	162	6.877	6.877	0.0	96	911378	15.2	
72 1,2,4-Trichlorobenzene	180	6.957	6.958	-0.001	92	1050932	14.7	
73 Naphthalene	128	7.032	7.032	0.0	97	3380709	15.0	
74 4-Chloroaniline	127	7.064	7.064	0.0	85	1448322	15.0	
77 Hexachlorobutadiene	225	7.129	7.129	-0.001	93	559120	14.4	
78 1,2,3-Trichlorobenzene	180	7.155	7.150	0.005	87	972715	0	
83 Caprolactam	113	7.353	7.348	0.005	76	347893	16.1	
84 4-Chloro-3-methylphenol	107	7.460	7.455	0.005	91	979022	15.2	
85 2-Methylnaphthalene	142	7.621	7.621	0.0	87	2122405	14.7	
86 1-Methylnaphthalene	142	7.706	7.706	0.0	84	2079707	15.1	
87 1,2,3,5-Tetrachlorobenzene	216	7.749	7.749	0.0	93	1019623	14.7	
88 Hexachlorocyclopentadiene	237	7.749	7.749	0.0	93	627279	15.1	
90 2,4,6-Trichlorophenol	196	7.851	7.845	0.006	92	677861	15.7	
91 2,4,5-Trichlorophenol	196	7.877	7.877	0.0	95	736914	15.9	
94 2,4-Toluene diamine	121	7.995	7.990	0.005	98	626231	13.6	
96 1,2,3,4 -Tetrachlorobenzene	216	8.006	8.001	0.005	84	977499	0	
95 1,1'-Biphenyl	154	8.011	8.011	0.0	94	2640427	14.6	
98 2-Chloronaphthalene	162	8.038	8.038	0.0	96	2081186	14.7	
100 2-Nitroaniline	65	8.107	8.107	0.0	83	666331	16.1	
103 Dimethyl phthalate	163	8.252	8.252	0.0	99	2265250	15.1	
105 2,6-Dinitrotoluene	165	8.305	8.305	0.0	88	504465	14.5	
106 1,2-Dinitrobenzene	168	8.359	8.354	0.005	90	274957	16.5	
107 Acenaphthylene	152	8.391	8.391	0.0	96	3557410	15.3	
108 3-Nitroaniline	138	8.455	8.450	0.005	95	615665	16.4	
110 Acenaphthene	153	8.535	8.535	0.0	93	2035418	14.5	
109 2,4-Dinitrophenol	184	8.541	8.535	0.006	76	743918	30.2	
111 4-Nitrophenol	109	8.567	8.562	0.005	91	349036	16.1	
112 2,4-Dinitrotoluene	165	8.648	8.648	0.0	90	689685	14.6	
114 Dibenzofuran	168	8.680	8.680	0.0	85	3073293	14.8	
115 2,3,5,6-Tetrachlorophenol	232	8.738	8.733	0.005	88	614787	16.1	
119 Diethyl phthalate	149	8.840	8.840	0.0	97	2343096	14.9	
121 4-Chlorophenyl phenyl ether	204	8.958	8.958	0.0	90	1162318	14.7	
123 4-Nitroaniline	138	8.968	8.969	-0.001	62	601597	14.5	
124 Fluorene	166	8.968	8.969	-0.001	82	2470279	14.8	
126 4,6-Dinitro-2-methylphenol	198	8.990	8.990	0.0	83	443519	14.6	
130 N-Nitrosodiphenylamine	169	9.054	9.049	0.005	0	1828202	15.0	
129 1,2-Diphenylhydrazine	77	9.091	9.092	-0.001	0	2591614	15.0	
131 Azobenzene	77	9.091	9.092	-0.001	98	2591614	15.0	
137 4-Bromophenyl phenyl ether	248	9.375	9.375	0.0	62	674593	14.9	
139 Hexachlorobenzene	284	9.434	9.434	0.0	87	662379	14.2	
140 Atrazine	200	9.487	9.482	0.005	91	498220	15.0	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
141 Pentachlorophenol	266	9.594	9.594	0.0	86	955144	29.7	
146 Phenanthrene	178	9.787	9.787	0.0	97	3476136	14.4	
147 Anthracene	178	9.830	9.830	0.0	97	3680078	15.3	
149 Carbazole	167	9.953	9.953	0.0	81	3568538	15.3	
151 Di-n-butyl phthalate	149	10.215	10.215	0.0	100	4070394	15.5	
157 Fluoranthene	202	10.798	10.792	0.006	96	4122306	15.4	
158 Benzidine	184	10.889	10.894	-0.005	99	2388297	14.7	
160 Pyrene	202	11.001	11.001	0.0	96	4348537	15.0	
166 Butyl benzyl phthalate	149	11.595	11.595	0.0	98	1768738	14.5	
170 3,3'-Dimethoxybenzidine	244	12.199	12.194	0.005	91	973101	14.8	
173 3,3'-Dichlorobenzidine	252	12.242	12.237	0.005	60	1489461	14.6	
172 4,4'-Methylene bis(2-chloroanili	231	12.242	12.237	0.005	68	692599	14.7	
171 Bis(2-ethylhexyl) phthalate	149	12.269	12.263	0.006	96	2497259	14.5	
175 Benzo[a]anthracene	228	12.290	12.290	0.0	94	3764867	14.9	
176 Chrysene	228	12.338	12.338	0.0	95	3527188	14.6	
178 Di-n-octyl phthalate	149	13.172	13.167	0.005	99	4101786	14.7	
180 Benzo[b]fluoranthene	252	13.788	13.788	0.0	92	3799785	16.1	
181 Benzo[k]fluoranthene	252	13.830	13.825	0.005	99	4057783	15.9	
182 Benzo[a]pyrene	252	14.285	14.280	0.005	73	3697959	14.8	
186 Indeno[1,2,3-cd]pyrene	276	16.018	16.007	0.011	94	4034138	14.8	
187 Dibenz(a,h)anthracene	278	16.045	16.040	0.005	79	3427896	14.8	
188 Benzo[g,h,i]perylene	276	16.457	16.446	0.011	94	3417401	16.2	
S 189 Methyl Phenols,Total	100				0		14.8	

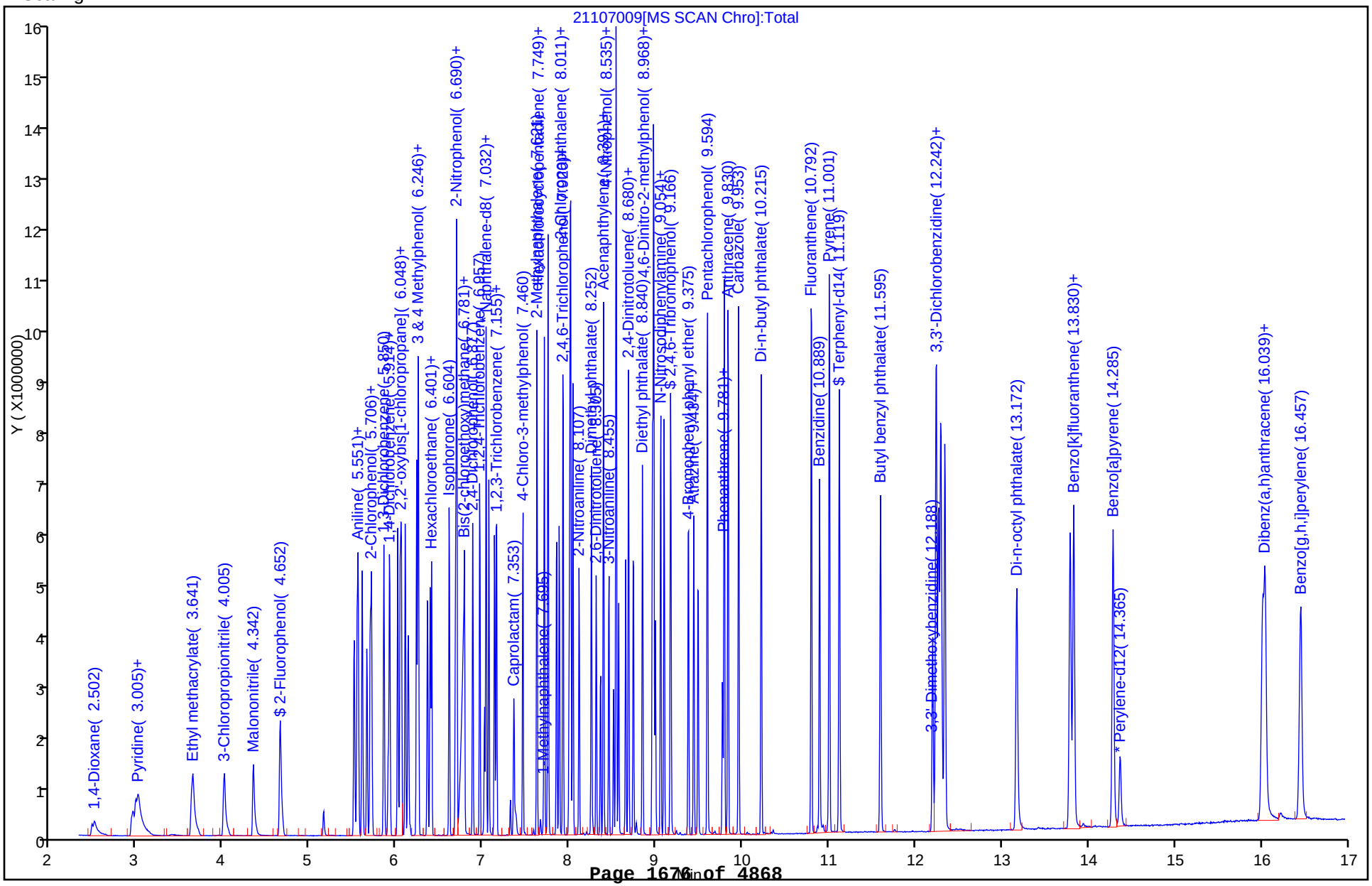
Report Date: 08-Nov-2012 13:38:15 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107009.D

Injection Date:	07-Nov-2012 14:28:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	64102	Lims Sample ID:	9
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107010.D		
Lims ID:	std6 tcl	Client ID:	
Inject. Date:	07-Nov-2012 14:51:30	Dil. Factor:	1.0000
Sample Type:	ICIS	Calib Level:	6
Sample ID:	240-0014744-010		
Misc. Info.:	std6 tcl		
Operator:	001710	Instrument ID:	A4HP7
Injection Vol:	1.0 ul	ALS Bottle#:	10
Lims Batch ID:	64102	Lims Sample ID:	10
Sublist:	chrom-8270_hp7*sub15		
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\8270_hp7.m		
Last Update:	08-Nov-2012 13:38:16	Calib Date:	07-Nov-2012 14:51:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK004		
First Level Reviewer: gruberj		Date:	07-Nov-2012 15:23:31

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.898	5.898	0.0	96	226874	4.00	
* 2 Naphthalene-d8	136	7.016	7.016	0.0	99	879477	4.00	
* 3 Acenaphthene-d10	164	8.509	8.509	0.0	93	492418	4.00	
* 4 Phenanthrene-d10	188	9.766	9.766	0.0	98	835794	4.00	
* 5 Chrysene-d12	240	12.301	12.301	0.0	77	860001	4.00	
* 6 Perylene-d12	264	14.365	14.365	0.0	96	705582	4.00	
$ 7 2-Fluorophenol	112	4.652	4.652	0.0	93	703304	10.0	
$ 8 Phenol-d5	99	5.540	5.540	0.0	83	897045	10.1	
$ 9 Nitrobenzene-d5	82	6.385	6.385	0.0	86	788287	10.2	
$ 10 2-Fluorobiphenyl (Surr)	172	7.920	7.920	0.0	100	1612497	10.1	
$ 11 2,4,6-Tribromophenol	330	9.172	9.172	0.0	92	211519	10.4	
$ 12 Terphenyl-d14	244	11.119	11.119	0.0	98	1624778	10.2	
24 1,4-Dioxane	88	2.502	2.502	0.0	96	289158	11.0	M
25 N-Nitrosodimethylamine	74	2.946	2.946	0.0	91	423432	9.36	
26 Pyridine	79	3.005	3.005	0.0	96	794755	10.5	
27 Ethyl methacrylate	69	3.641	3.641	0.0	91	626893	10.0	
28 3-Chloropropionitrile	54	4.005	4.005	0.0	87	453140	10.8	
32 Malononitrile	66	4.342	4.342	0.0	98	857909	10.9	
40 Benzaldehyde	77	5.508	5.508	0.0	90	555643	9.39	
41 Phenol	94	5.551	5.551	0.0	99	962001	10.1	
43 Aniline	93	5.599	5.599	0.0	97	1186890	10.0	
44 Bis(2-chloroethyl)ether	93	5.652	5.652	0.0	95	738530	10.1	
46 2-Chlorophenol	128	5.706	5.706	0.0	97	769809	10.0	
47 1,3-Dichlorobenzene	146	5.850	5.850	0.0	97	833741	10.1	
48 1,4-Dichlorobenzene	146	5.915	5.915	0.0	92	816468	9.94	
49 Benzyl alcohol	108	6.011	6.011	0.0	92	485275	10.3	
50 1,2-Dichlorobenzene	146	6.054	6.054	0.0	95	777307	9.93	
51 2-Methylphenol	108	6.096	6.096	0.0	95	707992	10.2	
52 2,2'-oxybis[1-chloropropane]	45	6.134	6.134	0.0	92	1057806	9.83	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
191 3 & 4 Methylphenol	108	6.230	6.230	0.0	97	738384	10.2	
56 N-Nitrosodi-n-propylamine	70	6.246	6.246	0.0	84	524618	10.2	
57 Acetophenone	105	6.251	6.251	0.0	91	1013196	9.88	
60 Hexachloroethane	117	6.353	6.353	0.0	94	329140	9.86	
61 Nitrobenzene	77	6.401	6.401	0.0	83	818068	10.2	
63 Isophorone	82	6.605	6.605	0.0	97	1423776	10.1	
65 2-Nitrophenol	139	6.679	6.679	0.0	93	405972	10.8	
66 1,3,5-Trichlorobenzene	180	6.690	6.690	0.0	91	695736	9.98	
64 2,4-Dimethylphenol	107	6.695	6.695	0.0	92	748351	10.1	
69 Benzoic acid	122	6.760	6.760	0.0	85	941901	19.3	
68 Bis(2-chloroethoxy)methane	93	6.781	6.781	0.0	99	884059	9.92	
71 2,4-Dichlorophenol	162	6.877	6.877	0.0	96	596606	10.2	
72 1,2,4-Trichlorobenzene	180	6.958	6.958	0.0	93	688485	9.88	
73 Naphthalene	128	7.032	7.032	0.0	97	2202898	10.0	
74 4-Chloroaniline	127	7.064	7.064	0.0	85	951670	10.2	
77 Hexachlorobutadiene	225	7.129	7.129	0.0	93	378760	10.0	
78 1,2,3-Trichlorobenzene	180	7.150	7.150	0.0	92	649132	0	
83 Caprolactam	113	7.348	7.348	0.0	76	203996	9.14	
84 4-Chloro-3-methylphenol	107	7.455	7.455	0.0	96	636751	10.1	
85 2-Methylnaphthalene	142	7.621	7.621	0.0	90	1410272	10.0	
86 1-Methylnaphthalene	142	7.706	7.706	0.0	90	1345567	10.1	
87 1,2,3,5-Tetrachlorobenzene	216	7.749	7.749	0.0	92	661897	9.89	
88 Hexachlorocyclopentadiene	237	7.749	7.749	0.0	87	408777	10.2	
90 2,4,6-Trichlorophenol	196	7.845	7.845	0.0	94	438732	10.6	
91 2,4,5-Trichlorophenol	196	7.877	7.877	0.0	95	472532	10.6	
94 2,4-Toluene diamine	121	7.990	7.990	0.0	98	448465	10.0	
96 1,2,3,4 -Tetrachlorobenzene	216	8.001	8.001	0.0	95	650547	0	
95 1,1'-Biphenyl	154	8.011	8.011	0.0	94	1719982	9.89	
98 2-Chloronaphthalene	162	8.038	8.038	0.0	96	1374271	10.1	
100 2-Nitroaniline	65	8.107	8.107	0.0	82	429808	10.8	
103 Dimethyl phthalate	163	8.252	8.252	0.0	99	1475655	10.2	
105 2,6-Dinitrotoluene	165	8.305	8.305	0.0	94	334247	10.1	
106 1,2-Dinitrobenzene	168	8.354	8.354	0.0	88	169862	10.6	
107 Acenaphthylene	152	8.391	8.391	0.0	95	2313540	10.3	
108 3-Nitroaniline	138	8.450	8.450	0.0	94	394571	10.9	
110 Acenaphthene	153	8.535	8.535	0.0	90	1361892	10.1	
109 2,4-Dinitrophenol	184	8.535	8.535	0.0	70	434552	19.1	
111 4-Nitrophenol	109	8.562	8.562	0.0	91	226043	10.8	
112 2,4-Dinitrotoluene	165	8.648	8.648	0.0	90	444005	9.92	
114 Dibenzofuran	168	8.680	8.680	0.0	88	1991799	9.94	
115 2,3,5,6-Tetrachlorophenol	232	8.733	8.733	0.0	88	396818	10.8	
119 Diethyl phthalate	149	8.840	8.840	0.0	97	1513449	10.0	
121 4-Chlorophenyl phenyl ether	204	8.958	8.958	0.0	91	782567	10.3	
123 4-Nitroaniline	138	8.969	8.969	0.0	82	389910	9.83	
124 Fluorene	166	8.969	8.969	0.0	83	1639050	10.2	
126 4,6-Dinitro-2-methylphenol	198	8.990	8.990	0.0	83	278233	10.1	
130 N-Nitrosodiphenylamine	169	9.049	9.049	0.0	0	1196917	10.4	
129 1,2-Diphenylhydrazine	77	9.092	9.092	0.0	0	1667611	10.3	
131 Azobenzene	77	9.092	9.092	0.0	99	1667682	10.3	
137 4-Bromophenyl phenyl ether	248	9.375	9.375	0.0	61	439508	10.3	
139 Hexachlorobenzene	284	9.434	9.434	0.0	86	438431	9.99	
140 Atrazine	200	9.482	9.482	0.0	90	341754	10.9	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
141 Pentachlorophenol	266	9.594	9.594	0.0	87	598614	20.1	
146 Phenanthrene	178	9.787	9.787	0.0	97	2260189	9.90	
147 Anthracene	178	9.830	9.830	0.0	97	2353100	10.4	
149 Carbazole	167	9.953	9.953	0.0	82	2277045	10.3	
151 Di-n-butyl phthalate	149	10.215	10.215	0.0	100	2651212	10.7	
157 Fluoranthene	202	10.792	10.792	0.0	97	2660336	10.5	
158 Benzidine	184	10.889	10.889	0.0	99	1469820	9.93	
160 Pyrene	202	11.001	11.001	0.0	96	2816771	10.3	
166 Butyl benzyl phthalate	149	11.595	11.595	0.0	97	1133141	10.0	
170 3,3'-Dimethoxybenzidine	244	12.194	12.194	0.0	89	579861	9.78	
173 3,3'-Dichlorobenzidine	252	12.237	12.237	0.0	62	969006	10.1	
172 4,4'-Methylene bis(2-chloroanili	231	12.237	12.237	0.0	70	443048	10.1	
171 Bis(2-ethylhexyl) phthalate	149	12.263	12.263	0.0	96	1589061	9.91	
175 Benzo[a]anthracene	228	12.290	12.290	0.0	95	2409756	10.0	
176 Chrysene	228	12.338	12.338	0.0	93	2308021	10.1	
178 Di-n-octyl phthalate	149	13.167	13.167	0.0	99	2499506	9.75	
180 Benzo[b]fluoranthene	252	13.788	13.788	0.0	88	2379256	10.6	
181 Benzo[k]fluoranthene	252	13.825	13.825	0.0	99	2696900	11.0	
182 Benzo[a]pyrene	252	14.280	14.280	0.0	77	2370709	10.1	
186 Indeno[1,2,3-cd]pyrene	276	16.007	16.007	0.0	94	2551684	9.97	
187 Dibenz(a,h)anthracene	278	16.040	16.040	0.0	70	2196359	10.1	
188 Benzo[g,h,i]perylene	276	16.446	16.446	0.0	93	2207668	10.9	
S 189 Methyl Phenols,Total	100				0		10.2	

QC Flag Legend

Review Flags
M - Manually Integrated

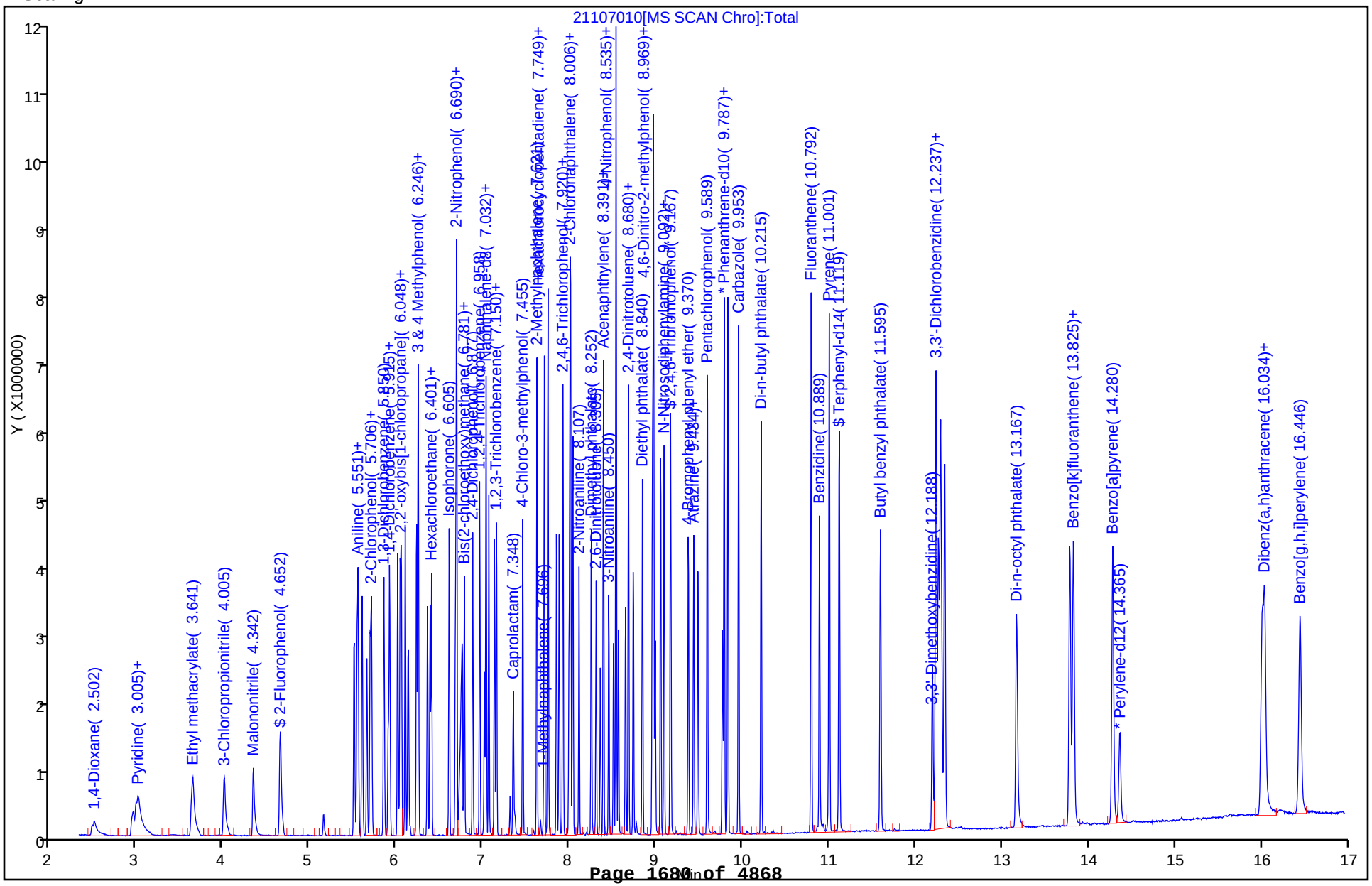
Report Date: 08-Nov-2012 13:38:17 Chrom Revision: 2.0 22-Oct-2012 16:30:48

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107010.D

Injection Date:	07-Nov-2012 14:51:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	64102	Lims Sample ID:	10
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



Report Date: 08-Nov-2012 13:38:17 Chrom Revision: 2.0 22-Oct-2012 16:30:48

Manual Integration/User Assign Peak Report

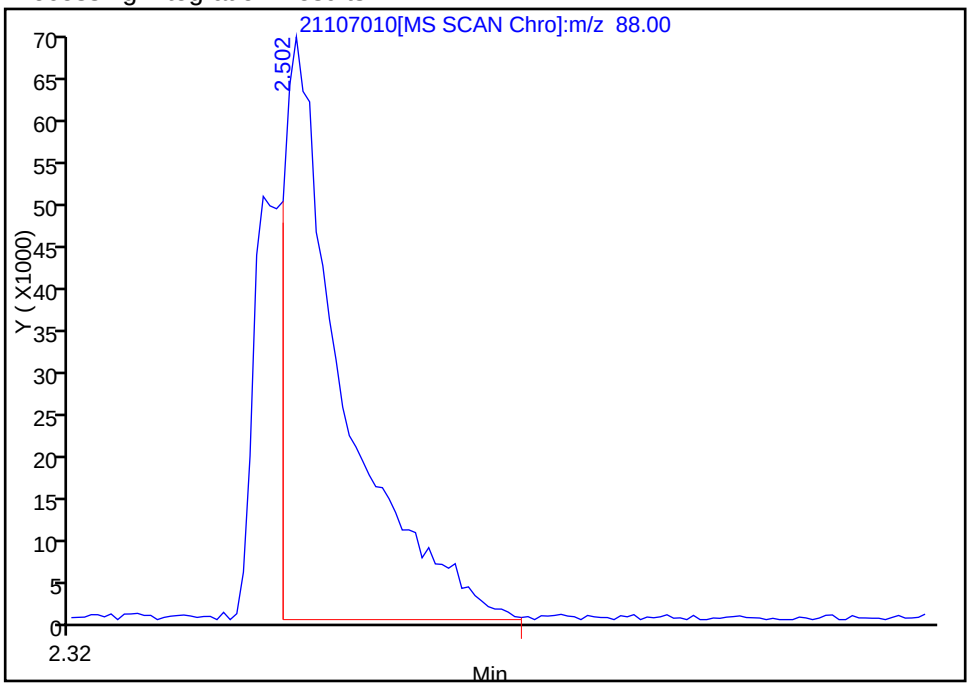
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107010.D		
Injection Date:	07-Nov-2012 14:51:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	64102	Lims Sample ID:	10
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

24 1,4-Dioxane, Signal: 1, m/z: 88.0 Type: quant, RT: 2.50

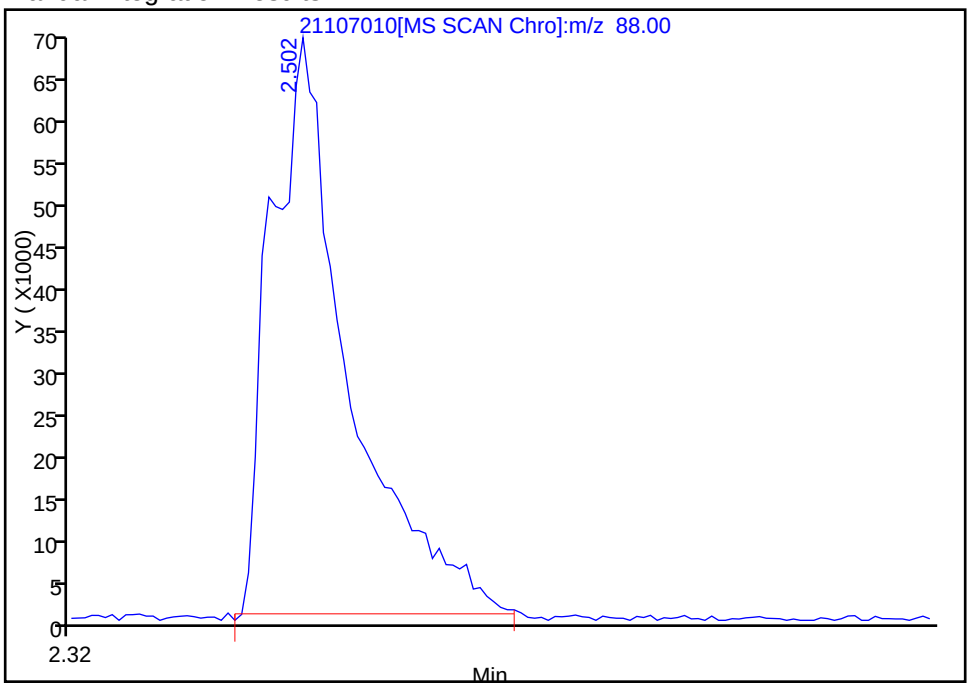
Processing Integration Results

RT: 2.50
Response: 230149
Amount: 8.993336



Manual Integration Results

RT: 2.50
Response: 289158
Amount: 10.982627



Reviewer: gruberj, 07-Nov-2012 15:23:31
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-17317-1 Analy Batch No.: 66620

SDG No.:

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/28/2012 14:27 Calibration End Date: 11/28/2012 18:11 Calibration ID: 12526

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 240-66620/6	21127106.D
Level 2	STD2 240-66620/5	21127105.D
Level 3	STD3 240-66620/4	21127104.D
Level 4	STD4 240-66620/3	21127103.D
Level 5	STD5 240-66620/2	21127102.D
Level 6	STD6 240-66620/10	21127110.D
Level 7	STD7 240-66620/9	21127109.D
Level 8	STD8 240-66620/8	21127108.D
Level 9	STD9 240-66620/7	21127107.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,4-Dioxane	0.9582	+++++ 0.8799	0.8727 0.9260	1.1163 0.8877	0.8970	Ave		0.9340			0.0500	9.2		15.0			
N-Nitrosodimethylamine	1.3879	1.1489 1.3068	1.1937 1.3928	1.3017 1.3500	1.2254	Ave		1.2884			0.0500	7.0		15.0			
Pyridine	2.3238	2.1734 2.1793	2.3082 2.3807	1.8704 2.2872	2.1466	Ave		2.2087			0.0500	7.2		15.0			
Ethyl methacrylate	1.9457	1.7798 1.8526	1.8479 1.9568	1.8920 1.8687	1.8403	Ave		1.8730			0.0500	3.1		15.0			
3-Chloropropionitrile	0.8843	0.7863 0.8172	0.8038 0.8571	0.8198 0.8625	0.8732	Ave		0.8380			0.0500	4.3		15.0			
Benzaldehyde	1.4862 1.7397	1.9528 1.5274	1.8210 +++++	1.9297 +++++	1.8043	Ave		1.7516			0.0500	10.0		15.0			
Malononitrile	2.2730	1.8597 2.1678	2.0650 2.2449	2.0820 2.0835	2.0594	Ave		2.1044			0.0500	6.1		15.0			
Phenol	2.5662	2.2634 2.4601	2.2052 2.5887	2.4208 2.5058	2.4084	Ave		2.4273			0.0500	5.6		15.0			
Aniline	3.1698	2.9884 3.0109	3.0297 3.2215	2.8785 3.1027	3.0633	Ave		3.0581			0.0500	3.5		15.0			
Bis(2-chloroethyl)ether	1.9425	1.8686 1.8963	1.9072 2.0008	1.8871 1.8777	1.8772	Ave		1.9072			0.0500	2.3		15.0			
2-Chlorophenol	1.4561	1.2382 1.4272	1.3827 1.5218	1.4315 1.4614	1.4481	Ave		1.4209			0.0500	5.9		15.0			
1,3-Dichlorobenzene	1.5878	1.5114 1.5324	1.5310 1.6116	1.4666 1.5502	1.5023	Ave		1.5367			0.0500	3.0		15.0			
Benzoic acid	0.2123	+++++ 0.2252	0.0971 0.2362	0.1432 0.2590	0.1972	Qua	-0.134	0.1849	0.0015		0.0500				0.9990		0.9950

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-17317-1 Analy Batch No.: 66620

SDG No.:

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/28/2012 14:27 Calibration End Date: 11/28/2012 18:11 Calibration ID: 12526

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,4-Dichlorobenzene	1.5817	1.5598 1.4887	1.5257 1.5676	1.5379 1.5165	1.5095	Ave		1.5359			0.0500	2.1		15.0			
Benzyl alcohol	1.1574	1.0314 1.0983	0.9504 1.1883	1.0380 1.1544	1.0857	Ave		1.0880			0.0500	7.3		15.0			
1,2-Dichlorobenzene	1.4717	1.4104 1.4272	1.3673 1.5039	1.4226 1.4500	1.4264	Ave		1.4349			0.0500	2.9		15.0			
2-Methylphenol	1.6448	1.4495 1.5830	1.4179 1.6841	1.4946 1.6145	1.5674	Ave		1.5570			0.0500	6.1		15.0			
bis (2-chloroisopropyl) ether	1.7079	1.7728 1.6568	1.5715 1.7854	1.6661 1.6950	1.5822	Ave		1.6797			0.0500	4.7		15.0			
3 & 4 Methylphenol	1.7632	1.6533 1.6937	1.5402 1.7913	1.6425 1.7478	1.6326	Ave		1.6831			0.0500	4.9		15.0			
N-Nitrosodi-n-propylamine	1.6506	1.4509 1.5690	1.4739 1.6675	1.5623 1.6272	1.5727	Ave		1.5718			0.0500	5.0		15.0			
Acetophenone	2.6117	2.4179 2.5004	2.3113 2.6053	2.5073 2.5242	2.4437	Ave		2.4902			0.0500	4.0		15.0			
Hexachloroethane	0.7522	0.7331 0.6864	0.6687 0.7401	0.6515 0.7016	0.6991	Ave		0.7041			0.0500	5.0		15.0			
2,4-Dinitrophenol	0.1648	+++++ 0.1775	+++++ 0.1880	0.0836 0.1902	0.1381	Qua	-0.440	0.1816	0.0004		0.0500				1.0000		0.9950
Nitrobenzene	0.5937	0.5849 0.5967	0.5840 0.6203	0.5638 0.6075	0.5948	Ave		0.5932			0.0500	2.8		15.0			
Isophorone	1.0641	0.9121 1.0559	0.9608 1.1265	1.0460 1.1215	1.0304	Ave		1.0397			0.0500	7.1		15.0			
2-Nitrophenol	0.1865	0.1191 0.1828	0.1463 0.1976	0.1772 0.1963	0.1745	Qua	-0.025	0.1778	0.0008		0.0500				0.9990		0.9950
1,3,5-Trichlorobenzene	0.3522	0.3355 0.3361	0.3649 0.3602	0.3511 0.3603	0.3580	Ave		0.3523			0.0500	3.2		15.0			
2,4-Dimethylphenol	0.4674	0.4395 0.4622	0.4518 0.4935	0.4546 0.4917	0.4611	Ave		0.4652			0.0500	4.1		15.0			
Bis(2-chloroethoxy)methane	0.5724	0.5477 0.5655	0.5739 0.6011	0.5535 0.5962	0.5720	Ave		0.5728			0.0500	3.2		15.0			
2,4-Dichlorophenol	0.2855	0.2265 0.2791	0.2695 0.3029	0.2819 0.3056	0.2897	Ave		0.2801			0.0500	8.8		15.0			
1,2,4-Trichlorobenzene	0.3469	0.3789 0.3406	0.3476 0.3570	0.3339 0.3576	0.3540	Ave		0.3521			0.0500	3.9		15.0			
2,4-Toluene diamine	0.2072	0.2451 0.1854	0.2604 0.1845	0.2115 +++++	0.1951	Ave		0.2127			0.0500	14.0		15.0			
Naphthalene	0.9363 1.0126	1.0058 0.9901	1.0026 1.0571	0.9991 1.0516	1.0083	Ave		1.0071			0.0500	3.5		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-17317-1 Analy Batch No.: 66620

SDG No.:

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/28/2012 14:27 Calibration End Date: 11/28/2012 18:11 Calibration ID: 12526

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
4-Chloroaniline	0.4303	0.4048 0.4327	0.3946 0.4609	0.4097 0.4657	0.4394	Ave		0.4298			0.0500	6.0		15.0			
Hexachlorobutadiene	0.1822	0.2034 0.1832	0.1745 0.1926	0.1922 0.1922	0.1883	Ave		0.1886			0.0500	4.6		15.0			
1,2-Dinitrobenzene	0.1397	+++++ 0.1366	0.1195 0.1459	0.1242 0.1410	0.1379	Ave		0.1350			0.0500	7.1		15.0			
Caprolactam	0.1172	0.0664 0.1141	0.0879 0.1306	0.0955 0.1188	0.1326	Qua	-0.035	0.1260	0		0.0500				0.9940	*	0.9950
4-Chloro-3-methylphenol	0.4156	0.3381 0.4176	0.3554 0.4391	0.3817 0.4371	0.4021	Ave		0.3983			0.0500	9.3		15.0			
2-Methylnaphthalene	0.6096 0.6839	0.6676 0.6719	0.6373 0.7176	0.6379 0.7093	0.6755	Ave		0.6679			0.0500	5.2		15.0			
1-Methylnaphthalene	0.6010 0.6401	0.6309 0.6497	0.5971 0.6859	0.6254 0.6904	0.6433	Ave		0.6404			0.0500	5.1		15.0			
1,2,3,5-Tetrachlorobenzene	0.5505	0.5832 0.5318	0.5516 0.5497	0.5451 0.5558	0.5522	Ave		0.5525			0.0500	2.6		15.0			
Hexachlorocyclopentadiene	0.3113	0.2600 0.2983	0.2703 0.3257	0.2790 0.3368	0.2937	Ave		0.2969			0.0500	9.0		15.0			
2,4,6-Trichlorophenol	0.3561	0.2806 0.3398	0.3054 0.3647	0.3402 0.3613	0.3422	Ave		0.3363			0.0500	8.7		15.0			
4,6-Dinitro-2-methylphenol	0.1346	+++++ 0.1379	0.0667 0.1419	0.0837 0.1419	0.1162	Qua	-0.106	0.1430	0.0002		0.0500				1.0000		0.9950
2,4,5-Trichlorophenol	0.3715	0.3341 0.3727	0.3235 0.3950	0.3473 0.3882	0.3672	Ave		0.3624			0.0500	7.0		15.0			
1,1'-Biphenyl	1.3284 1.3897	1.4380 1.3217	1.2984 1.3892	1.3221 1.3822	1.3834	Ave		1.3615			0.0500	3.3		15.0			
2-Chloronaphthalene	1.1600 1.0595	1.0773 1.0256	1.0549 1.0679	1.0322 1.0603	1.0636	Ave		1.0668			0.0500	3.6		15.0			
2-Nitroaniline	0.4783	0.3725 0.4630	0.4104 0.4998	0.4349 0.4811	0.4755	Ave		0.4519			0.0500	9.5		15.0			
Dimethyl phthalate	1.2775	1.2469 1.2358	1.1389 1.2805	1.1732 1.2613	1.2567	Ave		1.2339			0.0500	4.1		15.0			
2,6-Dinitrotoluene	0.2762	0.2134 0.2838	0.2000 0.2981	0.2610 0.2968	0.2721	Ave		0.2627			0.0500	14.0		15.0			
Acenaphthylene	1.4008 1.6786	1.5853 1.6543	1.5834 1.7498	1.5893 1.7462	1.7083	Ave		1.6329			0.0500	6.7		15.0			
3-Nitroaniline	0.3200	0.2270 0.3101	0.2527 0.3265	0.2702 0.3211	0.2977	Ave		0.2906			0.0500	13.0		15.0			
Acenaphthene	1.0008 1.0810	1.0849 1.0440	1.0307 1.0893	1.0068 1.0831	1.0682	Ave		1.0543			0.0500	3.3		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-17317-1 Analy Batch No.: 66620

SDG No.:

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/28/2012 14:27 Calibration End Date: 11/28/2012 18:11 Calibration ID: 12526

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
4-Nitrophenol	0.2397	0.1464 0.2259	0.1806 0.2418	0.2143 0.2401	0.2188	Qua	-0.042	0.2296	0.0005		0.0500				0.9990		0.9950
2,4-Dinitrotoluene	0.3820	0.2679 0.3797	0.2899 0.3970	0.3238 0.3848	0.3630	Ave		0.3485			0.0500	14.0		15.0			
Dibenzofuran	1.3806 1.5421	1.5060 1.4856	1.4794 1.5591	1.4379 1.5457	1.5042	Ave		1.4934			0.0500	3.8		15.0			
2,3,5,6-Tetrachlorophenol	0.3108	0.2066 0.3134	0.2281 0.3219	0.2746 0.3232	0.2948	Qua	-0.073	0.3100	0.0007		0.0500				1.0000		0.9950
Diethyl phthalate	1.2214	1.1657 1.2056	1.1371 1.2906	1.1358 1.2651	1.2368	Ave		1.2073			0.0500	4.8		15.0			
4-Chlorophenyl phenyl ether	0.6701	0.6122 0.6445	0.6298 0.6895	0.6372 0.6750	0.6459	Ave		0.6505			0.0500	4.0		15.0			
4-Nitroaniline	0.3303	0.2182 0.3166	0.2641 0.3350	0.2695 0.3291	0.3205	Ave		0.2979			0.0500	14.0		15.0			
Fluorene	1.2119 1.2901	1.3505 1.2379	1.2299 1.3027	1.2361 1.3068	1.2676	Ave		1.2704			0.0500	3.6		15.0			
N-Nitrosodiphenylamine	0.5445	0.5089 0.5432	0.5100 0.5503	0.5257 0.5493	0.5324	Ave		0.5330			0.0500	3.1		15.0			
1,2-Diphenylhydrazine(as Azobenzene)	1.2390	1.0650 1.2057	1.1657 1.2458	1.1757 1.2244	1.1682	Ave		1.1862			0.0500	4.9		15.0			
Azobenzene	1.2390	1.0650 1.2057	1.1657 1.2457	1.1757 1.2244	1.1682	Ave		1.1862			0.0500	4.9		15.0			
4-Bromophenyl phenyl ether	0.2071	0.2117 0.2034	0.1877 0.2136	0.1979 0.2096	0.1997	Ave		0.2038			0.0500	4.2		15.0			
Hexachlorobenzene	0.2122 0.2102	0.2135 0.2050	0.2165 0.2149	0.1957 0.2148	0.2047	Ave		0.2097			0.0500	3.2		15.0			
Atrazine	0.1839	0.1280 0.1686	0.1607 0.1653	0.1780 0.1588	0.1810	Ave		0.1655			0.0500	11.0		15.0			
Benzidine	0.7238	+++++ 0.7585	0.4782 0.8092	0.6265 0.7967	0.7323	Qua	-0.259	0.7435	0.0028		0.0500				0.9990		0.9950
Pentachlorophenol	0.1453	0.0737 0.1493	0.1047 0.1543	0.1140 0.1562	0.1340	Qua	-0.097	0.1440	0.0003		0.0500				1.0000		0.9950
Phenanthrene	1.2598 1.0983	1.0578 1.1119	1.1389 1.1308	1.0969 1.1277	1.0800	Ave		1.1224			0.0500	5.1		15.0			
Anthracene	0.9116 1.1687	0.9614 1.1599	1.0830 1.1879	1.0901 1.1818	1.1209	Ave		1.0961			0.0500	9.0		15.0			
Carbazole	1.0182	0.8689 0.9968	0.9494 1.0351	0.9618 1.0278	0.9637	Ave		0.9777			0.0500	5.6		15.0			
Di-n-butyl phthalate	1.2685	1.0197 1.2701	1.1262 1.3075	1.1952 1.2769	1.2197	Ave		1.2105			0.0500	7.9		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-17317-1 Analy Batch No.: 66620

SDG No.:

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/28/2012 14:27 Calibration End Date: 11/28/2012 18:11 Calibration ID: 12526

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
3,3'-Dimethoxybenzidine	0.3165	+++++ 0.3280	0.1532 0.3558	0.2293 0.3584	0.2957	Qua	-0.169	0.3134	0.0022		0.0500				0.9990		0.9950
Fluoranthene	1.2477 1.2816	1.1271 1.2766	1.2056 1.3441	1.1876 1.3312	1.2133	Ave		1.2461			0.0500	5.6		15.0			
Pyrene	1.4045 1.3737	1.2138 1.3602	1.2954 1.4606	1.3554 1.4136	1.3739	Ave		1.3612			0.0500	5.3		15.0			
Butyl benzyl phthalate	0.5792	0.4300 0.5753	0.4886 0.6196	0.5454 0.6004	0.5802	Ave		0.5523			0.0500	11.0		15.0			
3,3'-Dichlorobenzidine	0.4662	0.3191 0.4674	0.3716 0.4980	0.4341 0.4825	0.4515	Ave		0.4363			0.0500	14.0		15.0			
4,4'-Methylene bis(2-chloroaniline)	0.2379	0.1478 0.2309	0.1728 0.2490	0.2102 0.2360	0.2244	Qua	-0.075	0.2463	0		0.0500				0.9980		0.9950
Bis(2-ethylhexyl) phthalate	0.8083	0.6032 0.8025	0.6549 0.8617	0.7858 0.8314	0.8190	Ave		0.7708			0.0500	12.0		15.0			
Benzo[a]anthracene	1.2742 1.1882	1.0931 1.1843	1.1505 1.2659	1.1427 1.2248	1.1959	Ave		1.1911			0.0500	4.9		15.0			
Chrysene	1.1526 1.1061	1.1162 1.0822	1.0422 1.1446	1.0836 1.1464	1.1134	Ave		1.1097			0.0500	3.3		15.0			
Di-n-octyl phthalate	1.5875	0.8909 1.6191	1.0967 1.7303	1.3910 1.7079	1.5854	Qua	-0.415	1.5920	0.0058		0.0500				0.9990		0.9950
Benzo[b]fluoranthene	1.1635 1.3493	1.0971 1.3679	1.3043 1.4185	1.3050 1.4223	1.3572	Ave		1.3094			0.0500	8.5		15.0			
Benzo[k]fluoranthene	1.5050 1.4414	1.2680 1.3600	1.3572 1.4865	1.2951 1.4438	1.3262	Ave		1.3870			0.0500	6.1		15.0			
Benzo[a]pyrene	1.0074 1.2990	1.0918 1.3098	1.1692 1.3809	1.1981 1.3690	1.2633	Ave		1.2321			0.0500	10.0		15.0			
Indeno[1,2,3-cd]pyrene	1.2594 1.4659	1.1245 1.4885	1.3113 1.5604	1.3449 1.5168	1.4251	Ave		1.3885			0.0500	10.0		15.0			
Dibenz(a,h)anthracene	0.7604 1.2036	1.0281 1.2145	1.0188 1.2768	1.0956 1.2570	1.1730	Ave		1.1142			0.0500	15.0		15.0			
Benzo[g,h,i]perylene	1.1133 1.2197	1.0719 1.2179	1.0640 1.2934	1.1185 1.2821	1.2185	Ave		1.1777			0.0500	7.4		15.0			
2-Fluorophenol (Surr)	1.6853	1.4655 1.5949	1.5296 1.7162	1.6401 1.6574	1.5862	Ave		1.6094			0.0500	5.2		15.0			
Phenol-d5 (Surr)	2.3486	2.0598 2.2648	2.0848 2.3752	2.1752 2.2873	2.2645	Ave		2.2325			0.0500	5.2		15.0			
Nitrobenzene-d5 (Surr)	0.5113 0.5828	0.5346 0.5715	0.5075 0.6011	0.5717 0.6025	0.5811	Ave		0.5627			0.0500	6.4		15.0			
2-Fluorobiphenyl (Surr)	1.1445 1.2436	1.2535 1.2010	1.1737 1.2547	1.1741 1.2387	1.2537	Ave		1.2153			0.0500	3.5		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-17317-1 Analy Batch No.: 66620

SDG No.:

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/28/2012 14:27 Calibration End Date: 11/28/2012 18:11 Calibration ID: 12526

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
2,4,6-Tribromophenol (Surr)	0.1542	0.1254 0.1618	0.1112 0.1643	0.1229 0.1656	0.1469	Ave		0.1440			0.0500	15.0		15.0			
Terphenyl-d14 (Surr)	0.8764 0.7727	0.7480 0.7826	0.7451 0.8386	0.7779 0.8127	0.7872	Ave		0.7935			0.0500	5.4		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-17317-1 Analy Batch No.: 66620

SDG No.:

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/28/2012 14:27 Calibration End Date: 11/28/2012 18:11 Calibration ID: 12526

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 240-66620/6	21127106.D
Level 2	STD2 240-66620/5	21127105.D
Level 3	STD3 240-66620/4	21127104.D
Level 4	STD4 240-66620/3	21127103.D
Level 5	STD5 240-66620/2	21127102.D
Level 6	STD6 240-66620/10	21127110.D
Level 7	STD7 240-66620/9	21127109.D
Level 8	STD8 240-66620/8	21127108.D
Level 9	STD9 240-66620/7	21127107.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
1,4-Dioxane	DCB	Ave	194100	+++++ 261639	16046 355297	38772 405106	80499	10.0	+++++ 15.0	1.00 20.0	2.00 25.0	5.00
N-Nitrosodimethylamine	DCB	Ave	281131	10869 388580	21948 534424	45212 616120	109978	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Pyridine	DCB	Ave	470703	20561 648010	42441 913493	64964 1043805	192646	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Ethyl methacrylate	DCB	Ave	394121	16837 550847	33977 750814	65713 852797	165160	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
3-Chloropropionitrile	DCB	Ave	179120	7439 242996	14779 328883	28473 393624	78363	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzaldehyde	DCB	Ave	2676 352399	18474 454179	33483 +++++	67023 +++++	161928	0.100 10.0	0.500 15.0	1.00 +++++	2.00 +++++	5.00
Malononitrile	DCB	Ave	460413	17593 644578	37969 861369	72312 950846	184823	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Phenol	DCB	Ave	519804	21412 731493	40546 993299	84079 1143566	216147	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Aniline	DCB	Ave	642068	28271 895289	55707 1236107	99979 1415975	274920	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Bis(2-chloroethyl)ether	DCB	Ave	393477	17677 563847	35068 767694	65544 856943	168468	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2-Chlorophenol	DCB	Ave	294950	11714 424368	25423 583931	49720 666915	129966	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
1,3-Dichlorobenzene	DCB	Ave	321622	14298 455665	28150 618353	50937 707483	134825	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzoic acid	NPT	Qua	356067	+++++ 536995	13933 734764	38712 923207	136967	20.0	+++++ 30.0	2.00 40.0	4.00 50.0	10.0
1,4-Dichlorobenzene	DCB	Ave	320377	14756 442671	28052 601490	53414 692105	135472	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-17317-1 Analy Batch No.: 66620

SDG No.:

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/28/2012 14:27 Calibration End Date: 11/28/2012 18:11 Calibration ID: 12526

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Benzyl alcohol	DCB	Ave	234444	9757 326587	17475 455955	36051 526827	97438	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
1,2-Dichlorobenzene	DCB	Ave	298096	13343 424364	25140 577057	49410 661731	128010	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2-Methylphenol	DCB	Ave	333167	13713 470688	26070 646184	51910 736827	140672	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
bis (2-chloroisopropyl) ether	DCB	Ave	345944	16771 492649	28895 685061	57868 773556	142001	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
3 & 4 Methylphenol	DCB	Ave	357155	15641 503617	28320 687308	57049 797645	146521	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
N-Nitrosodi-n-propylamine	DCB	Ave	334350	13726 466536	27101 639809	54264 742605	141147	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Acetophenone	DCB	Ave	529018	22874 743491	42497 999660	87086 1151981	219317	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Hexachloroethane	DCB	Ave	152362	6935 204090	12295 283986	22627 320180	62738	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2,4-Dinitrophenol	ANT	Qua	170952	+++++ 268701	+++++ 374807	14055 441770	59283	20.0	+++++ 30.0	+++++ 40.0	4.00 50.0	10.0
Nitrobenzene	NPT	Ave	497830	20982 711306	41910 964711	76201 1082565	206592	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Isophorone	NPT	Ave	892334	32721 1258699	68950 1751961	141365 1998680	357862	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2-Nitrophenol	NPT	Qua	156411	4272 217941	10500 307297	23953 349844	60606	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
1,3,5-Trichlorobenzene	NPT	Ave	295335	12035 400660	26189 560211	47446 642149	124328	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2,4-Dimethylphenol	NPT	Ave	391958	15765 551016	32424 767443	61433 876310	160129	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Bis(2-chloroethoxy)methane	NPT	Ave	480008	19650 674068	41184 934845	74801 1062538	198660	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2,4-Dichlorophenol	NPT	Ave	239433	8126 332736	19343 471092	38092 544625	100620	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
1,2,4-Trichlorobenzene	NPT	Ave	290891	13594 406078	24943 555165	45122 637347	122940	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2,4-Toluene diamine	NPT	Ave	173749	8793 220979	18687 286883	28583 +++++	67762	10.0	0.500 15.0	1.00 20.0	2.00 +++++	5.00
Naphthalene	NPT	Ave	6503 849103	36083 1180280	71946 1643990	135027 1874099	350202	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
4-Chloroaniline	NPT	Ave	360826	14521 515808	28318 716754	55372 829999	152618	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Hexachlorobutadiene	NPT	Ave	152758	7297 218370	12523 299500	25981 342463	65396	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-17317-1 Analy Batch No.: 66620

SDG No.:

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/28/2012 14:27 Calibration End Date: 11/28/2012 18:11 Calibration ID: 12526

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
1,2-Dinitrobenzene	ANT	Ave		+++++	5134	10434	29596		+++++	1.00	2.00	5.00
			72457	103390	145471	163740		10.0	15.0	20.0	25.0	
Caprolactam	NPT	Qua		2382	6311	12903	46062		0.500	1.00	2.00	5.00
			98317	135976	203040	211754		10.0	15.0	20.0	25.0	
4-Chloro-3-methylphenol	NPT	Ave		12128	25505	51580	139633		0.500	1.00	2.00	5.00
			348500	497780	682844	778959		10.0	15.0	20.0	25.0	
2-Methylnaphthalene	NPT	Ave	4234	23951	45737	86215	234601	0.100	0.500	1.00	2.00	5.00
			573505	800908	1116058	1264009		10.0	15.0	20.0	25.0	
1-Methylnaphthalene	NPT	Ave	4174	22633	42851	84515	223416	0.100	0.500	1.00	2.00	5.00
			536804	774461	1066693	1230311		10.0	15.0	20.0	25.0	
1,2,3,5-Tetrachlorobenzene	ANT	Ave		12653	23701	45793	118504		0.500	1.00	2.00	5.00
			285535	402521	547907	645357		10.0	15.0	20.0	25.0	
Hexachlorocyclopentadiene	ANT	Ave		5642	11614	23440	63032		0.500	1.00	2.00	5.00
			161472	225731	324629	391029		10.0	15.0	20.0	25.0	
2,4,6-Trichlorophenol	ANT	Ave		6089	13123	28578	73447		0.500	1.00	2.00	5.00
			184715	257156	363557	419531		10.0	15.0	20.0	25.0	
4,6-Dinitro-2-methylphenol	PHN	Qua		+++++	4685	11667	43368		+++++	1.00	2.00	5.00
			120910	180170	249258	289614		10.0	15.0	20.0	25.0	
2,4,5-Trichlorophenol	ANT	Ave		7249	13900	29182	78794		0.500	1.00	2.00	5.00
			192663	282094	393727	450733		10.0	15.0	20.0	25.0	
1,1'-Biphenyl	ANT	Ave	5656	31199	55787	111078	296884	0.100	0.500	1.00	2.00	5.00
			720778	1000335	1384659	1604900		10.0	15.0	20.0	25.0	
2-Chloronaphthalene	ANT	Ave	4939	23374	45323	86718	228247	0.100	0.500	1.00	2.00	5.00
			549530	776210	1064479	1231169		10.0	15.0	20.0	25.0	
2-Nitroaniline	ANT	Ave		8081	17634	36540	102050		0.500	1.00	2.00	5.00
			248067	350411	498174	558592		10.0	15.0	20.0	25.0	
Dimethyl phthalate	ANT	Ave		27053	48933	98568	269694		0.500	1.00	2.00	5.00
			662601	935313	1276318	1464537		10.0	15.0	20.0	25.0	
2,6-Dinitrotoluene	ANT	Ave		4629	8594	21924	58402		0.500	1.00	2.00	5.00
			143254	214827	297162	344636		10.0	15.0	20.0	25.0	
Acenaphthylene	ANT	Ave	5964	34395	68028	133526	366606	0.100	0.500	1.00	2.00	5.00
			870623	1252040	1744131	2027640		10.0	15.0	20.0	25.0	
3-Nitroaniline	ANT	Ave		4924	10856	22703	63881		0.500	1.00	2.00	5.00
			165951	234681	325398	372824		10.0	15.0	20.0	25.0	
Acenaphthene	ANT	Ave	4261	23539	44285	84586	229241	0.100	0.500	1.00	2.00	5.00
			560656	790126	1085784	1257695		10.0	15.0	20.0	25.0	
4-Nitrophenol	ANT	Qua		3177	7761	18003	46950		0.500	1.00	2.00	5.00
			124308	170997	241043	278761		10.0	15.0	20.0	25.0	
2,4-Dinitrotoluene	ANT	Ave		5813	12455	27208	77897		0.500	1.00	2.00	5.00
			198136	287352	395734	446847		10.0	15.0	20.0	25.0	
Dibenzofuran	ANT	Ave	5878	32675	63560	120807	322815	0.100	0.500	1.00	2.00	5.00
			799793	1124362	1554052	1794844		10.0	15.0	20.0	25.0	

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-17317-1 Analy Batch No.: 66620

SDG No.:

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/28/2012 14:27 Calibration End Date: 11/28/2012 18:11 Calibration ID: 12526

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
2,3,5,6-Tetrachlorophenol	ANT	Qua	161180	4483 237210	9799 320872	23067 375284	63255	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Diethyl phthalate	ANT	Ave	633470	25291 912414	48857 1286395	95422 1468998	265421	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
4-Chlorophenyl phenyl ether	ANT	Ave	347573	13283 487770	27060 687230	53535 783756	138613	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
4-Nitroaniline	ANT	Ave	171324	4735 239649	11348 333928	22646 382179	68786	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Fluorene	ANT	Ave	5160 669112	29300 936852	52842 1298446	103850 1517377	272022	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
N-Nitrosodiphenylamine	PHN	Ave	488924	19074 709920	35837 966285	73253 1120762	198648	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
1,2-Diphenylhydrazine(as Azobenzene)	PHN	Ave	1112603	39914 1575729	81914 2187663	163808 2498295	435842	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Azobenzene	PHN	Ave	1112603	39914 1575729	81914 2187490	163808 2498295	435842	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
4-Bromophenyl phenyl ether	PHN	Ave	185968	7934 265835	13190 375132	27571 427577	74517	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Hexachlorobenzene	PHN	Ave	1529 188742	8001 267865	15215 377444	27273 438285	76371	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Atrazine	PHN	Ave	165148	4798 220373	11295 290205	24806 324096	67515	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzidine	CRY	Qua	633499	+++++ 967116	32517 1349688	82276 1573686	255222	10.0	+++++ 15.0	1.00 20.0	2.00 25.0	5.00
Pentachlorophenol	PHN	Qua	260877	5527 390274	14719 541769	31778 637563	99973	20.0	1.00 30.0	2.00 40.0	4.00 50.0	10.0
Phenanthrene	PHN	Ave	9079 986219	39644 1453176	80032 1985695	152828 2300922	402948	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Anthracene	PHN	Ave	6570 1049441	36032 1515953	76102 2085957	151882 2411339	418208	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Carbazole	PHN	Ave	914316	32567 1302730	66717 1817601	134003 2097201	359546	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Di-n-butyl phthalate	PHN	Ave	1139059	38218 1659930	79138 2295987	166531 2605361	455077	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
3,3'-Dimethoxybenzidine	CRY	Qua	277043	+++++ 418235	10420 593357	30112 708035	103041	10.0	+++++ 15.0	1.00 20.0	2.00 25.0	5.00
Fluoranthene	PHN	Ave	8992 1150849	42244 1668484	84719 2360197	165476 2716233	452672	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Pyrene	CRY	Ave	9484 1202389	42888 1734384	88081 2436115	177983 2792229	478834	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Butyl benzyl phthalate	CRY	Ave	506968	15193 733622	33226 1033358	71620 1185992	202221	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-17317-1 Analy Batch No.: 66620

SDG No.:

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/28/2012 14:27 Calibration End Date: 11/28/2012 18:11 Calibration ID: 12526

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
3,3'-Dichlorobenzidine	CRY	Ave	408070	11276 596011	25265 830632	57004 953116	157361	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
4,4'-Methylene bis(2-chloroaniline)	CRY	Qua	208245	5222 294475	11750 415259	27607 466170	78220	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Bis(2-ethylhexyl) phthalate	CRY	Ave	707461	21315 1023233	44532 1437239	103186 1642161	285444	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzo[a]anthracene	CRY	Ave	8604 1040051	38623 1510135	78228 2111325	150052 2419423	416813	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Chrysene	CRY	Ave	7783 968179	39442 1379861	70864 1909006	142301 2264460	388058	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Di-n-octyl phthalate	PRY	Qua	1158680	25805 1715436	61667 2435535	155860 2856369	469225	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzo[b]fluoranthene	PRY	Ave	6561 984834	31778 1449320	73341 1996663	146229 2378707	401670	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzo[k]fluoranthene	PRY	Ave	8487 1052090	36729 1440933	76320 2092396	145110 2414563	392493	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzo[a]pyrene	PRY	Ave	5681 948169	31623 1387762	65748 1943690	134246 2289506	373897	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Indeno[1,2,3-cd]pyrene	PRY	Ave	7102 1069938	32570 1577064	73734 2196361	150699 2536723	421772	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Dibenz(a,h)anthracene	PRY	Ave	4288 878523	29778 1286828	57287 1797257	122762 2102157	347162	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzo[g,h,i]perylene	PRY	Ave	6278 890281	31049 1290348	59828 1820562	125322 2144137	360625	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2-Fluorophenol (Surr)	DCB	Ave	341368	13864 474224	28124 658522	56966 756397	142353	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Phenol-d5 (Surr)	DCB	Ave	475725	19486 673413	38333 911350	75550 1043857	203234	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Nitrobenzene-d5 (Surr)	NPT	Ave	3551 488692	19177 681304	36421 934832	77262 1073705	201821	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2-Fluorobiphenyl (Surr)	ANT	Ave	4873 644988	27197 908924	50427 1250611	98640 1438314	269058	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2,4,6-Tribromophenol (Surr)	ANT	Ave	79959	2721 122459	4779 163782	10327 192311	31526	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Terphenyl-d14 (Surr)	CRY	Ave	5918 676303	26430 997869	50663 1398763	102156 1605373	274361	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00

Curve Type Legend:

Ave = Average ISTD
Qua = Quadratic ISTD

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP9\20121128-15348.b\21127102.D		
Lims ID:	std5 tcl	Client ID:	
Inject. Date:	28-Nov-2012 14:27:30	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	5
Sample ID:	240-0015348-002		
Misc. Info.:	STD5 TCL =STD5 TCL		
Operator:	001574	Instrument ID:	A4HP9
Injection Vol:	1.0 ul	ALS Bottle#:	2
Lims Batch ID:	66620	Lims Sample ID:	2
Sublist:	chrom-8270 _9*sub13		
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP9\20121128-15348.b\8270 _9.m		
Last Update:	29-Nov-2012 07:29:16	Calib Date:	28-Nov-2012 18:11:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP9\20121128-15348.b\21127110.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK030		
First Level Reviewer: ulmanm		Date:	28-Nov-2012 15:08:05

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.916	5.916	0.0	59	71797	4.00	
* 2 Naphthalene-d8	136	7.027	7.027	0.0	84	277842	4.00	
* 3 Acenaphthene-d10	164	8.518	8.518	0.0	78	171683	4.00	
* 4 Phenanthrene-d10	188	9.779	9.779	0.0	72	298477	4.00	
* 5 Chrysene-d12	240	12.332	12.332	0.0	77	278817	4.00	
* 6 Perylene-d12	264	14.405	14.405	0.0	88	236770	4.00	
$ 7 2-Fluorophenol	112	4.682	4.682	0.0	90	142353	4.93	
$ 8 Phenol-d5	99	5.558	5.558	0.0	0	203234	5.07	
$ 9 Nitrobenzene-d5	82	6.397	6.397	0.0	81	201821	5.16	
$ 10 2-Fluorobiphenyl (Surr)	172	7.935	7.935	0.0	99	269058	5.16	
$ 11 2,4,6-Tribromophenol	330	9.186	9.186	0.0	85	31526	5.10	
$ 12 Terphenyl-d14	244	11.135	11.135	0.0	97	274361	4.96	
25 1,4-Dioxane	88	2.561	2.561	0.0	87	80499	4.80	M
26 N-Nitrosodimethylamine	74	3.021	3.021	0.0	76	109978	4.76	
27 Pyridine	79	3.074	3.074	0.0	92	192646	4.86	
28 Ethyl methacrylate	69	3.688	3.688	0.0	79	165160	4.91	
29 3-Chloropropionitrile	54	4.041	4.041	0.0	83	78363	5.21	
33 Malononitrile	66	4.372	4.372	0.0	93	184823	4.89	
41 Benzaldehyde	77	5.526	5.526	0.0	84	161928	5.15	
43 Phenol	94	5.569	5.569	0.0	92	216147	4.96	
44 Aniline	93	5.617	5.617	0.0	84	274920	5.01	
69 Bis(2-chloroethyl)ether	93	5.670	5.670	0.0	93	168468	4.92	
46 2-Chlorophenol	128	5.724	5.724	0.0	89	129966	5.10	
47 1,3-Dichlorobenzene	146	5.868	5.868	0.0	80	134825	4.89	
48 1,4-Dichlorobenzene	146	5.932	5.932	0.0	77	135472	4.91	
49 Benzyl alcohol	108	6.023	6.023	0.0	83	97438	4.99	
50 1,2-Dichlorobenzene	146	6.066	6.066	0.0	76	128010	4.97	
51 2-Methylphenol	108	6.108	6.108	0.0	95	140672	5.03	
53 2,2'-oxybis[1-chloropropane]	45	6.146	6.146	0.0	99	142001	4.71	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
21 3 & 4 Methylphenol	108	6.242	6.242	0.0	91	146521	4.85	
57 N-Nitrosodi-n-propylamine	70	6.258	6.258	0.0	69	141147	5.00	
58 Acetophenone	105	6.263	6.263	0.0	84	219317	4.91	
61 Hexachloroethane	117	6.370	6.370	0.0	90	62738	4.96	
62 Nitrobenzene	77	6.413	6.413	0.0	74	206592	5.01	
64 Isophorone	82	6.616	6.616	0.0	94	357862	4.96	
66 2-Nitrophenol	139	6.691	6.691	0.0	91	60606	4.94	
67 1,3,5-Trichlorobenzene	180	6.701	6.701	0.0	86	124328	5.08	
65 2,4-Dimethylphenol	107	6.707	6.707	0.0	96	160129	4.96	
71 Benzoic acid	122	6.750	6.750	0.0	77	136967	10.5	M
70 Bis(2-chloroethoxy)methane	93	6.792	6.792	0.0	99	198660	4.99	
73 2,4-Dichlorophenol	162	6.888	6.888	0.0	92	100620	5.17	
74 1,2,4-Trichlorobenzene	180	6.969	6.969	0.0	76	122940	5.03	
75 Naphthalene	128	7.043	7.043	0.0	96	350202	5.01	
76 4-Chloroaniline	127	7.075	7.075	0.0	79	152618	5.11	
79 Hexachlorobutadiene	225	7.145	7.145	0.0	87	65396	4.99	
80 1,2,3-Trichlorobenzene	180	7.166	7.166	0.0	81	113213	0	
84 Caprolactam	113	7.353	7.353	0.0	78	46062	5.57	
86 4-Chloro-3-methylphenol	107	7.465	7.465	0.0	76	139633	5.05	
87 2-Methylnaphthalene	142	7.631	7.631	0.0	86	234601	5.06	
88 1-Methylnaphthalene	142	7.716	7.716	0.0	78	223416	5.02	
90 1,2,3,5-Tetrachlorobenzene	216	7.759	7.759	0.0	84	118504	5.00	
89 Hexachlorocyclopentadiene	237	7.759	7.759	0.0	85	63032	4.95	
92 2,4,6-Trichlorophenol	196	7.861	7.861	0.0	85	73447	5.09	
93 2,4,5-Trichlorophenol	196	7.887	7.887	0.0	87	78794	5.07	
97 2,4-Toluene diamine	121	8.000	8.000	0.0	97	67762	4.59	
99 1,2,3,4 -Tetrachlorobenzene	216	8.016	8.016	0.0	81	114341	0	
98 1,1'-Biphenyl	154	8.021	8.021	0.0	96	296884	5.08	
100 2-Chloronaphthalene	162	8.048	8.048	0.0	96	228247	4.98	
102 2-Nitroaniline	65	8.117	8.117	0.0	71	102050	5.26	
105 Dimethyl phthalate	163	8.261	8.261	0.0	93	269694	5.09	
107 2,6-Dinitrotoluene	165	8.315	8.315	0.0	77	58402	5.18	
108 1,2-Dinitrobenzene	168	8.363	8.363	0.0	74	29596	5.11	
109 Acenaphthylene	152	8.400	8.400	0.0	86	366606	5.23	
110 3-Nitroaniline	138	8.459	8.459	0.0	86	63881	5.12	
112 Acenaphthene	153	8.544	8.544	0.0	91	229241	5.07	
111 2,4-Dinitrophenol	184	8.550	8.550	0.0	65	59283	9.83	
113 4-Nitrophenol	109	8.571	8.571	0.0	84	46950	4.89	
114 2,4-Dinitrotoluene	165	8.657	8.657	0.0	73	77897	5.21	
116 Dibenzofuran	168	8.689	8.689	0.0	84	322815	5.04	
118 2,3,5,6-Tetrachlorophenol	232	8.747	8.747	0.0	85	63255	4.94	
121 Diethyl phthalate	149	8.854	8.854	0.0	94	265421	5.12	
123 4-Chlorophenyl phenyl ether	204	8.972	8.972	0.0	89	138613	4.96	
125 4-Nitroaniline	138	8.977	8.977	0.0	81	68786	5.38	
126 Fluorene	166	8.983	8.983	0.0	78	272022	4.99	
128 4,6-Dinitro-2-methylphenol	198	9.004	9.004	0.0	79	43368	4.78	M
131 N-Nitrosodiphenylamine	169	9.063	9.063	0.0	94	198648	4.99	
132 1,2-Diphenylhydrazine	77	9.105	9.105	0.0	99	435842	4.92	
133 Azobenzene	77	9.105	9.105	0.0	94	435842	4.92	
139 4-Bromophenyl phenyl ether	248	9.389	9.389	0.0	65	74517	4.90	
141 Hexachlorobenzene	284	9.447	9.447	0.0	82	76371	4.88	
142 Atrazine	200	9.495	9.495	0.0	82	67515	5.47	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
143 Pentachlorophenol	266	9.602	9.602	0.0	75	99973	9.78	
148 Phenanthrene	178	9.800	9.800	0.0	83	402948	4.81	
149 Anthracene	178	9.843	9.843	0.0	87	418208	5.11	
151 Carbazole	167	9.965	9.965	0.0	83	359546	4.93	
154 Di-n-butyl phthalate	149	10.233	10.233	0.0	100	455077	5.04	
159 Fluoranthene	202	10.810	10.810	0.0	83	452672	4.87	
160 Benzidine	184	10.906	10.906	0.0	87	255222	5.17	
161 Pyrene	202	11.018	11.018	0.0	76	478834	5.05	
168 Butyl benzyl phthalate	149	11.616	11.616	0.0	86	202221	5.25	
172 3,3'-Dimethoxybenzidine	244	12.225	12.225	0.0	85	103041	5.08	
175 3,3'-Dichlorobenzidine	252	12.263	12.263	0.0	70	157361	5.17	
174 4,4'-Methylene bis(2-chloroanili	231	12.263	12.263	0.0	69	78220	4.88	
173 Bis(2-ethylhexyl) phthalate	149	12.295	12.295	0.0	94	285444	5.31	
177 Benzo[a]anthracene	228	12.316	12.316	0.0	88	416813	5.02	
178 Chrysene	228	12.364	12.364	0.0	86	388058	5.02	
180 Di-n-octyl phthalate	149	13.208	13.208	0.0	99	469225	5.14	
182 Benzo[b]fluoranthene	252	13.823	13.823	0.0	78	401670	5.18	
183 Benzo[k]fluoranthene	252	13.865	13.865	0.0	89	392493	4.78	
184 Benzo[a]pyrene	252	14.319	14.319	0.0	76	373897	5.13	
188 Indeno[1,2,3-cd]pyrene	276	16.061	16.061	0.0	85	421772	5.13	
189 Dibenz(a,h)anthracene	278	16.093	16.093	0.0	59	347162	5.26	
190 Benzo[g,h,i]perylene	276	16.504	16.504	0.0	74	360625	5.17	
S 191 Methyl Phenols,Total	100				0		9.88	

QC Flag Legend

Review Flags
M - Manually Integrated

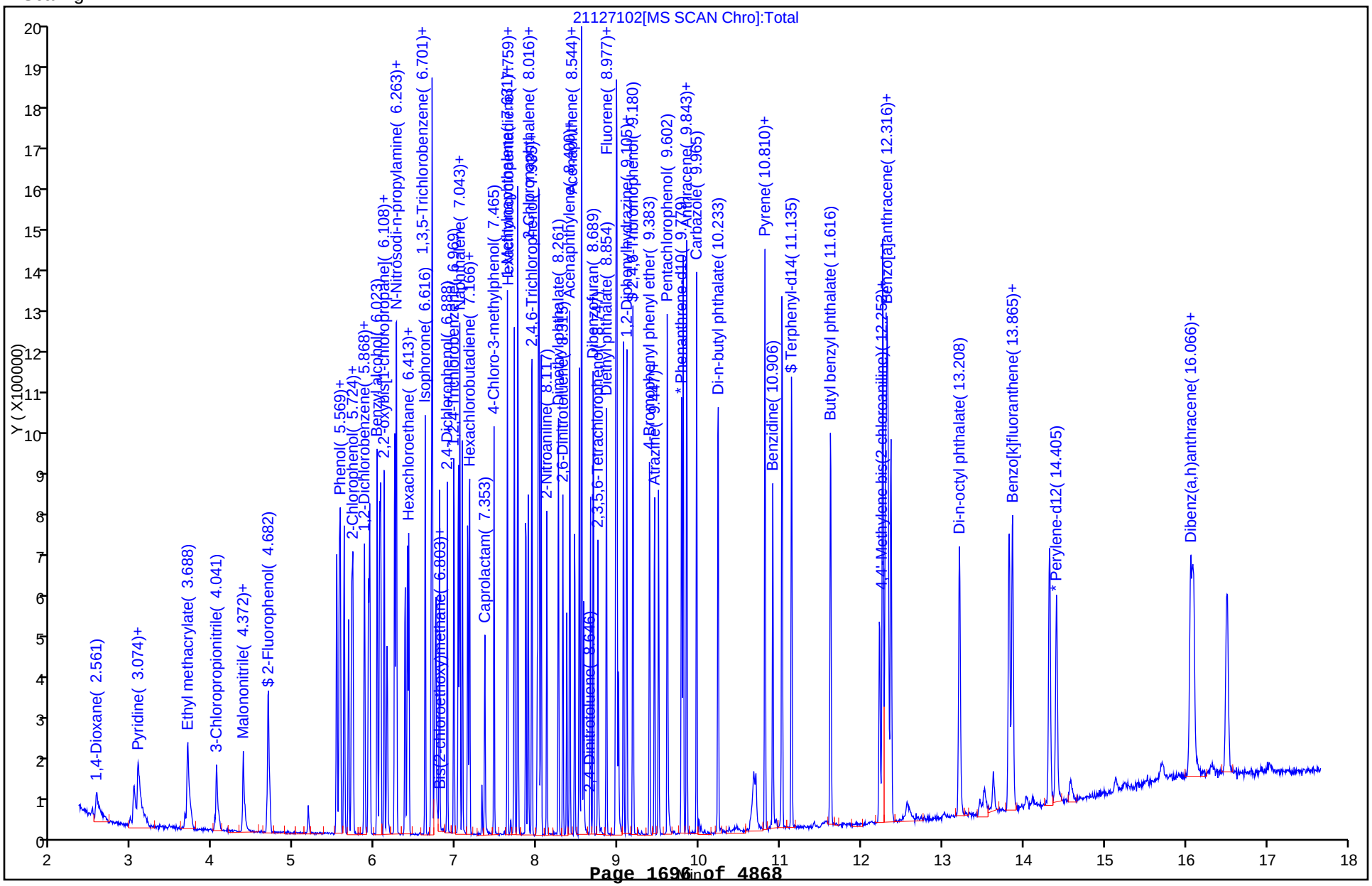
Report Date: 29-Nov-2012 07:29:16 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121128-15348.b\21127102.D

Injection Date:	28-Nov-2012 14:27:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	66620	Lims Sample ID:	2
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



Manual Integration/User Assign Peak Report

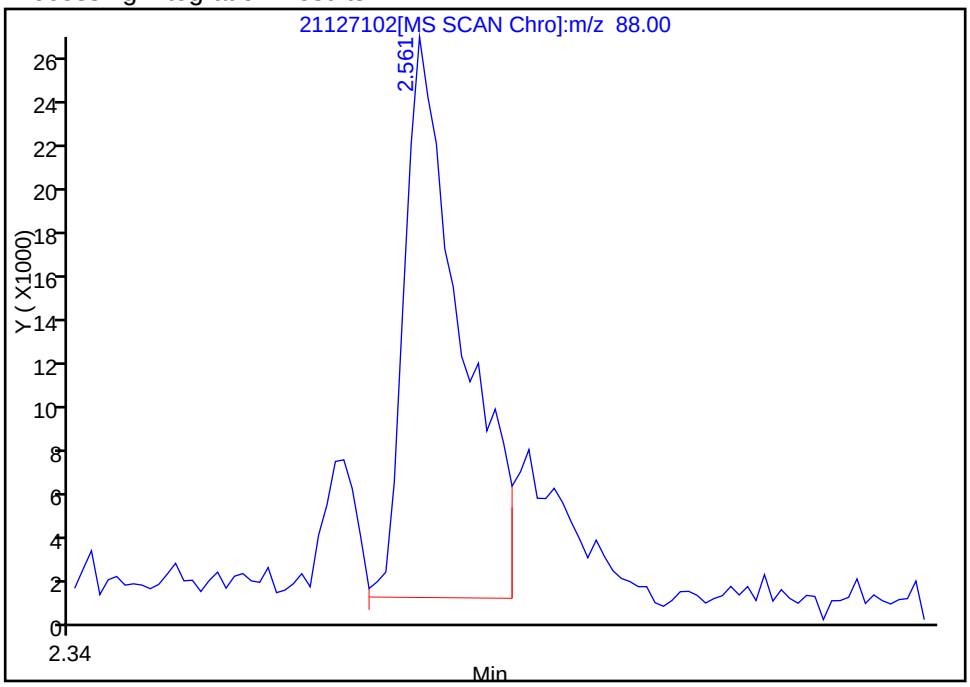
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121128-15348.b\21127102.D		
Injection Date:	28-Nov-2012 14:27:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	66620	Lims Sample ID:	2
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

25 1,4-Dioxane, Signal: 1, m/z: 88.0 Type: quant, RT: 2.56

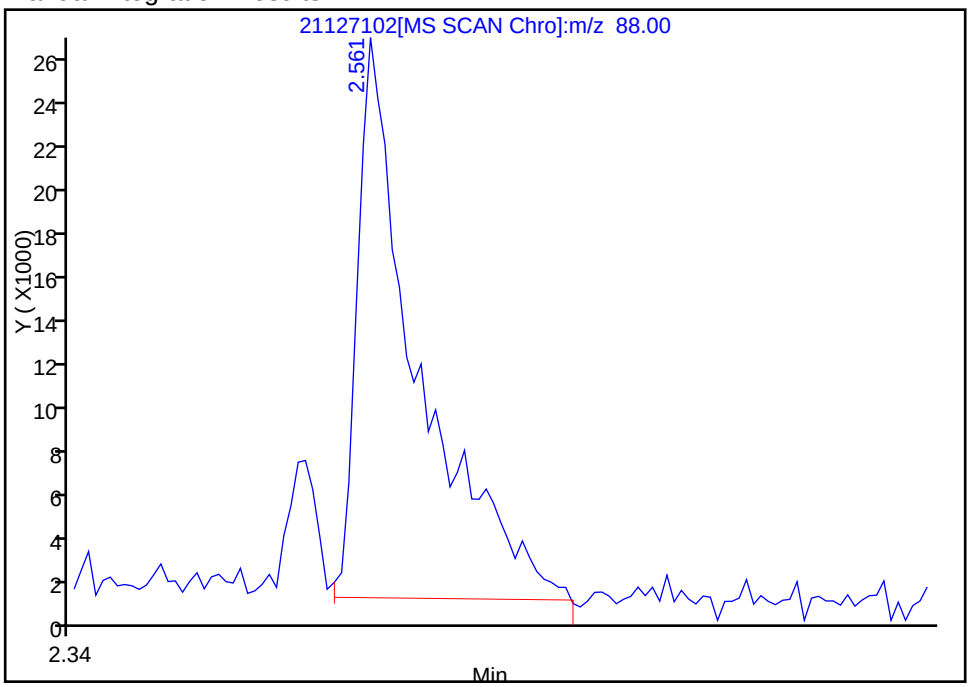
Processing Integration Results

RT: 2.56
Response: 65207
Amount: 5.000000



Manual Integration Results

RT: 2.56
Response: 80499
Amount: 4.801893



Reviewer: ulmanm, 28-Nov-2012 15:11:21
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

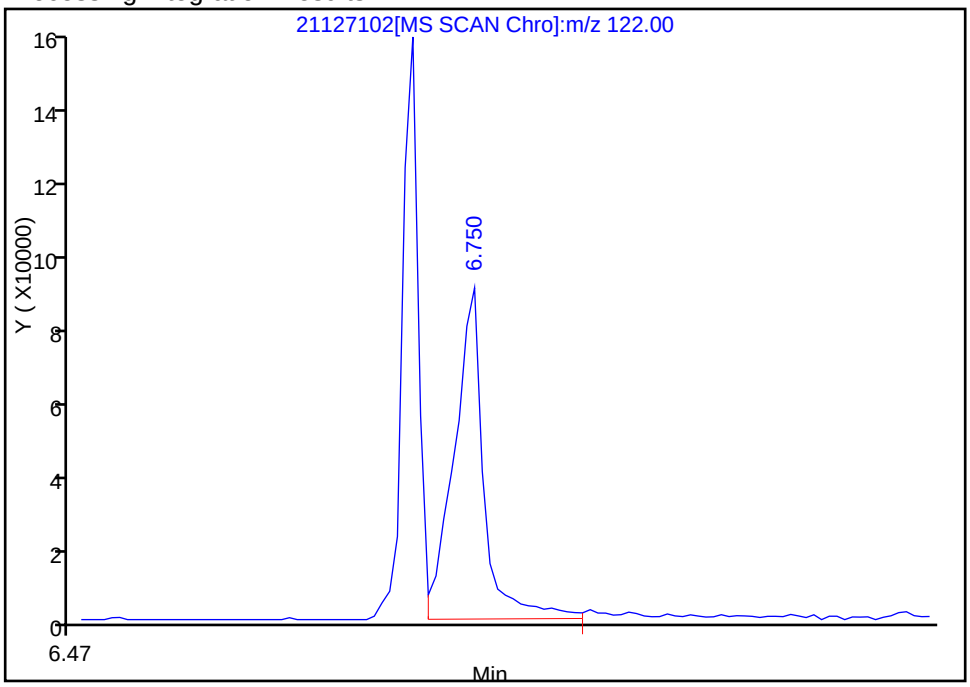
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121128-15348.b\21127102.D		
Injection Date:	28-Nov-2012 14:27:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	66620	Lims Sample ID:	2
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

71 Benzoic acid, Signal: 1, m/z: 122.0 Type: quant, RT: 6.75

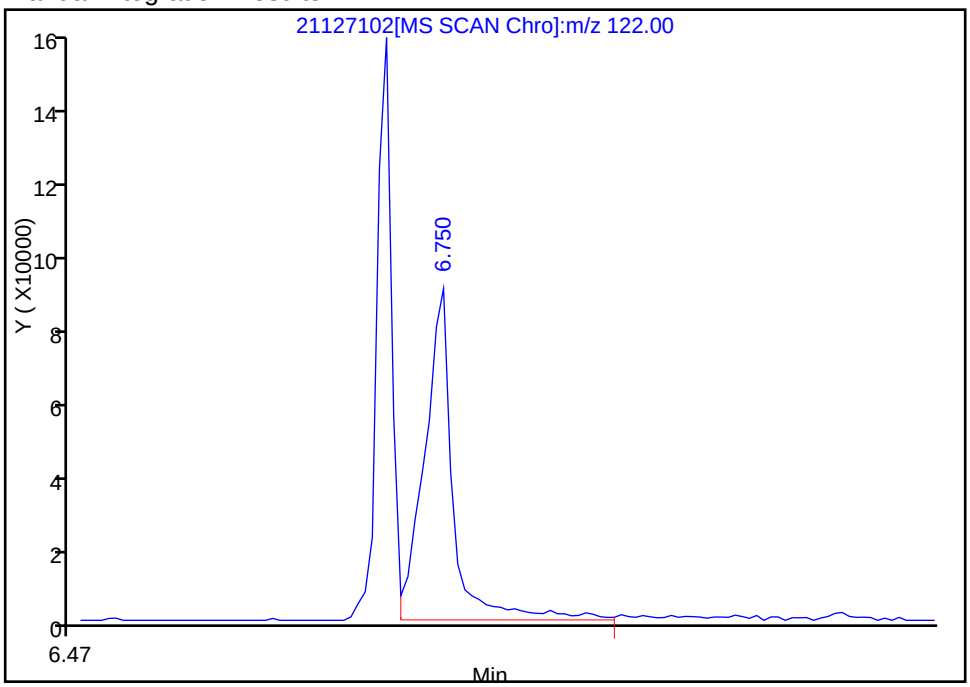
Processing Integration Results

RT: 6.75
Response: 131820
Amount: 10.000000



Manual Integration Results

RT: 6.75
Response: 136967
Amount: 10.499584



Reviewer: ulmanm, 28-Nov-2012 15:11:21
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

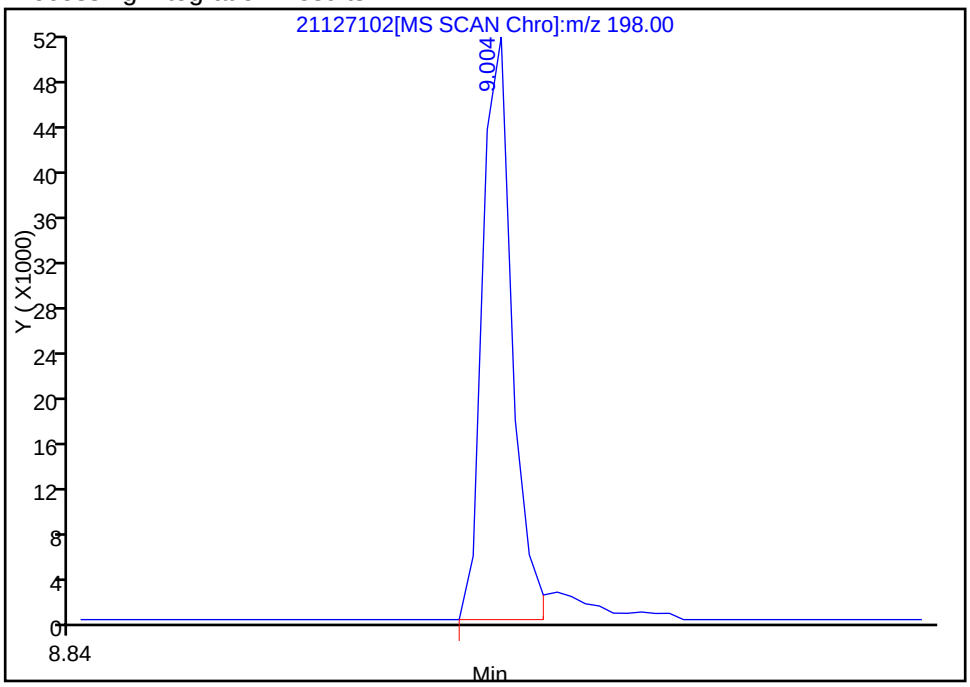
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121128-15348.b\21127102.D		
Injection Date:	28-Nov-2012 14:27:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	66620	Lims Sample ID:	2
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

128 4,6-Dinitro-2-methylphenol, Signal: 1, m/z: 198.0 Type: quant, RT: 9.00

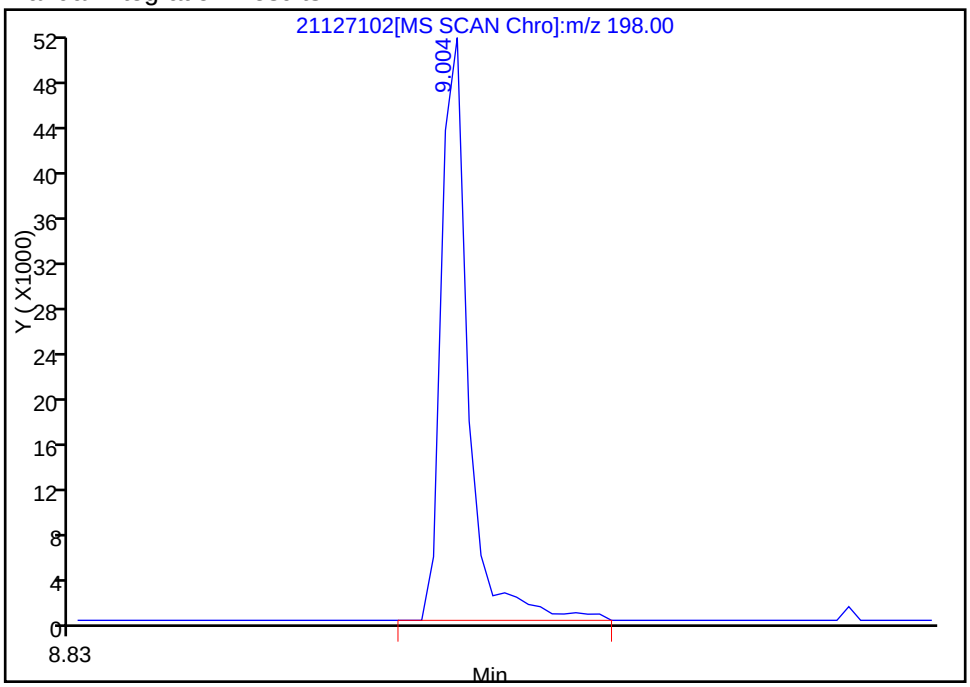
Processing Integration Results

RT: 9.00
Response: 40184
Amount: 5.000000



Manual Integration Results

RT: 9.00
Response: 43368
Amount: 4.784449



Reviewer: ulmanm, 28-Nov-2012 15:08:05
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP9\20121128-15348.b\21127103.D		
Lims ID:	std4 tcl	Client ID:	
Inject. Date:	28-Nov-2012 14:52:30	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	4
Sample ID:	240-0015348-003		
Misc. Info.:	STD4 TCL =STD4 TCL		
Operator:	001574	Instrument ID:	A4HP9
Injection Vol:	1.0 ul	ALS Bottle#:	3
Lims Batch ID:	66620	Lims Sample ID:	3
Sublist:	chrom-8270 _9*sub13		
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP9\20121128-15348.b\8270 _9.m		
Last Update:	29-Nov-2012 07:29:18	Calib Date:	28-Nov-2012 18:11:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP9\20121128-15348.b\21127110.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK030		
First Level Reviewer: ulmanm		Date:	28-Nov-2012 15:28:29

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.920	5.916	0.004	94	69465	4.00	
* 2 Naphthalene-d8	136	7.026	7.027	-0.001	98	270294	4.00	
* 3 Acenaphthene-d10	164	8.516	8.518	-0.002	67	168030	4.00	
* 4 Phenanthrene-d10	188	9.777	9.779	-0.002	96	278663	4.00	
* 5 Chrysene-d12	240	12.330	12.332	-0.002	74	262633	4.00	
* 6 Perylene-d12	264	14.403	14.405	-0.002	92	224099	4.00	
$ 7 2-Fluorophenol	112	4.681	4.682	-0.001	81	56966	2.04	
$ 8 Phenol-d5	99	5.557	5.558	-0.001	0	75550	1.95	
$ 9 Nitrobenzene-d5	82	6.395	6.397	-0.002	79	77262	2.03	
$ 10 2-Fluorobiphenyl (Surr)	172	7.934	7.935	-0.001	98	98640	1.93	
$ 11 2,4,6-Tribromophenol	330	9.184	9.186	-0.002	67	10327	1.71	
$ 12 Terphenyl-d14	244	11.134	11.135	-0.001	96	102156	1.96	
25 1,4-Dioxane	88	2.565	2.561	0.004	66	38772	2.39	
26 N-Nitrosodimethylamine	74	3.024	3.021	0.003	71	45212	2.02	
27 Pyridine	79	3.078	3.074	0.004	89	64964	1.69	
28 Ethyl methacrylate	69	3.687	3.688	-0.001	80	65713	2.02	
29 3-Chloropropionitrile	54	4.039	4.041	-0.002	68	28473	1.96	M
33 Malononitrile	66	4.371	4.372	-0.001	90	72312	1.98	
41 Benzaldehyde	77	5.525	5.526	-0.001	85	67023	2.20	
43 Phenol	94	5.567	5.569	-0.002	95	84079	1.99	
44 Aniline	93	5.615	5.617	-0.002	83	99979	1.88	
69 Bis(2-chloroethyl)ether	93	5.669	5.670	-0.001	96	65544	1.98	
46 2-Chlorophenol	128	5.722	5.724	-0.002	90	49720	2.01	
47 1,3-Dichlorobenzene	146	5.866	5.868	-0.002	82	50937	1.91	
48 1,4-Dichlorobenzene	146	5.931	5.932	-0.001	82	53414	2.00	
49 Benzyl alcohol	108	6.021	6.023	-0.002	84	36051	1.91	
50 1,2-Dichlorobenzene	146	6.069	6.066	0.003	68	49410	1.98	
51 2-Methylphenol	108	6.112	6.108	0.004	94	51910	1.92	
53 2,2'-oxybis[1-chloropropane]	45	6.144	6.146	-0.002	97	57868	1.98	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
21 3 & 4 Methylphenol	108	6.240	6.242	-0.002	90	57049	1.95	
57 N-Nitrosodi-n-propylamine	70	6.256	6.258	-0.002	69	54264	1.99	
58 Acetophenone	105	6.262	6.263	-0.001	88	87086	2.01	
61 Hexachloroethane	117	6.369	6.370	-0.001	87	22627	1.85	
62 Nitrobenzene	77	6.411	6.413	-0.002	76	76201	1.90	
64 Isophorone	82	6.614	6.616	-0.002	95	141365	2.01	
66 2-Nitrophenol	139	6.689	6.691	-0.002	89	23953	2.12	
67 1,3,5-Trichlorobenzene	180	6.700	6.701	-0.001	89	47446	1.99	
65 2,4-Dimethylphenol	107	6.705	6.707	-0.002	96	61433	1.95	
71 Benzoic acid	122	6.732	6.750	-0.018	75	38712	3.71	M
70 Bis(2-chloroethoxy)methane	93	6.791	6.792	-0.001	98	74801	1.93	
73 2,4-Dichlorophenol	162	6.887	6.888	-0.001	88	38092	2.01	
74 1,2,4-Trichlorobenzene	180	6.972	6.969	0.003	84	45122	1.90	
75 Naphthalene	128	7.042	7.043	-0.001	74	135027	1.98	
76 4-Chloroaniline	127	7.074	7.075	-0.001	77	55372	1.91	
79 Hexachlorobutadiene	225	7.143	7.145	-0.002	85	25981	2.04	
80 1,2,3-Trichlorobenzene	180	7.165	7.166	-0.001	84	44570	0	
84 Caprolactam	113	7.346	7.353	-0.007	71	12903	1.80	
86 4-Chloro-3-methylphenol	107	7.464	7.465	-0.001	75	51580	1.92	
87 2-Methylnaphthalene	142	7.629	7.631	-0.002	85	86215	1.91	
88 1-Methylnaphthalene	142	7.715	7.716	-0.001	79	84515	1.95	
90 1,2,3,5-Tetrachlorobenzene	216	7.758	7.759	-0.001	90	45793	1.97	
89 Hexachlorocyclopentadiene	237	7.763	7.759	0.004	83	23440	1.88	
92 2,4,6-Trichlorophenol	196	7.859	7.861	-0.002	84	28578	2.02	
93 2,4,5-Trichlorophenol	196	7.886	7.887	-0.001	85	29182	1.92	
97 2,4-Toluene diamine	121	7.998	8.000	-0.002	94	28583	1.99	
99 1,2,3,4 -Tetrachlorobenzene	216	8.014	8.016	-0.002	88	44662	0	
98 1,1'-Biphenyl	154	8.019	8.021	-0.002	91	111078	1.94	
100 2-Chloronaphthalene	162	8.046	8.048	-0.002	94	86718	1.94	
102 2-Nitroaniline	65	8.116	8.117	-0.001	70	36540	1.92	
105 Dimethyl phthalate	163	8.260	8.261	-0.001	91	98568	1.90	
107 2,6-Dinitrotoluene	165	8.313	8.315	-0.002	75	21924	1.99	
108 1,2-Dinitrobenzene	168	8.361	8.363	-0.002	76	10434	1.84	
109 Acenaphthylene	152	8.399	8.400	-0.001	89	133526	1.95	
110 3-Nitroaniline	138	8.457	8.459	-0.002	84	22703	1.86	
112 Acenaphthene	153	8.543	8.544	-0.001	91	84586	1.91	
111 2,4-Dinitrophenol	184	8.548	8.550	-0.002	58	14055	4.23	
113 4-Nitrophenol	109	8.570	8.571	-0.001	70	18003	2.04	
114 2,4-Dinitrotoluene	165	8.655	8.657	-0.002	70	27208	1.86	
116 Dibenzofuran	168	8.687	8.689	-0.002	82	120807	1.93	
118 2,3,5,6-Tetrachlorophenol	232	8.746	8.747	-0.001	81	23067	2.00	
121 Diethyl phthalate	149	8.853	8.854	-0.001	93	95422	1.88	
123 4-Chlorophenyl phenyl ether	204	8.970	8.972	-0.002	91	53535	1.96	
125 4-Nitroaniline	138	8.976	8.977	-0.001	79	22646	1.81	
126 Fluorene	166	8.981	8.983	-0.002	70	103850	1.95	
128 4,6-Dinitro-2-methylphenol	198	9.002	9.004	-0.002	66	11667	1.91	
131 N-Nitrosodiphenylamine	169	9.061	9.063	-0.002	96	73253	1.97	
132 1,2-Diphenylhydrazine	77	9.104	9.105	-0.001	99	163808	1.98	
133 Azobenzene	77	9.104	9.105	-0.001	94	163808	1.98	
139 4-Bromophenyl phenyl ether	248	9.382	9.389	-0.007	69	27571	1.94	
141 Hexachlorobenzene	284	9.446	9.447	-0.001	78	27273	1.87	
142 Atrazine	200	9.494	9.495	-0.001	80	24806	2.15	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
143 Pentachlorophenol	266	9.606	9.602	0.004	81	31778	3.81	
148 Phenanthrene	178	9.798	9.800	-0.002	82	152828	1.95	
149 Anthracene	178	9.841	9.843	-0.002	84	151882	1.99	
151 Carbazole	167	9.964	9.965	-0.001	80	134003	1.97	
154 Di-n-butyl phthalate	149	10.231	10.233	-0.002	99	166531	1.97	
159 Fluoranthene	202	10.808	10.810	-0.002	99	165476	1.91	
160 Benzidine	184	10.904	10.906	-0.002	94	82276	2.02	
161 Pyrene	202	11.016	11.018	-0.002	89	177983	1.99	
168 Butyl benzyl phthalate	149	11.615	11.616	-0.001	86	71620	1.97	
172 3,3'-Dimethoxybenzidine	244	12.224	12.225	-0.001	75	30112	1.98	
175 3,3'-Dichlorobenzidine	252	12.261	12.263	-0.002	66	57004	1.99	
174 4,4'-Methylene bis(2-chloroanili	231	12.261	12.263	-0.002	65	27607	2.01	
173 Bis(2-ethylhexyl) phthalate	149	12.293	12.295	-0.002	91	103186	2.04	
177 Benzo[a]anthracene	228	12.314	12.316	-0.002	83	150052	1.92	
178 Chrysene	228	12.363	12.364	-0.002	82	142301	1.95	
180 Di-n-octyl phthalate	149	13.207	13.208	-0.001	98	155860	1.99	
182 Benzo[b]fluoranthene	252	13.821	13.823	-0.001	80	146229	1.99	
183 Benzo[k]fluoranthene	252	13.864	13.865	-0.001	74	145110	1.87	
184 Benzo[a]pyrene	252	14.318	14.319	-0.001	72	134246	1.94	
188 Indeno[1,2,3-cd]pyrene	276	16.054	16.061	-0.007	82	150699	1.94	
189 Dibenz(a,h)anthracene	278	16.091	16.093	-0.002	69	122762	1.97	
190 Benzo[g,h,i]perylene	276	16.503	16.504	-0.001	86	125322	1.90	
S 191 Methyl Phenols,Total	100				0		3.87	

QC Flag Legend

Review Flags
M - Manually Integrated

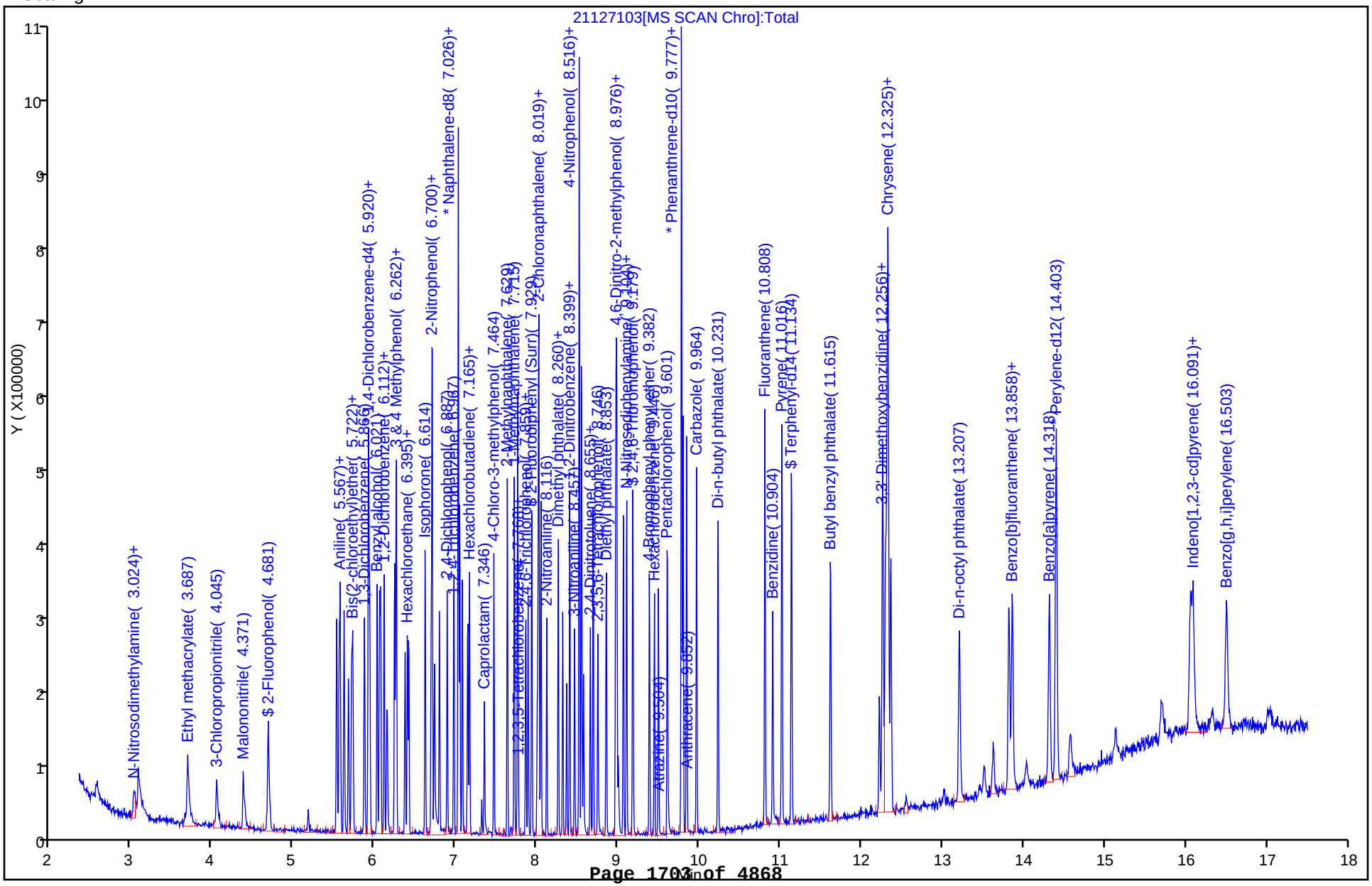
Report Date: 29-Nov-2012 07:29:18 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121128-15348.b\21127103.D

Injection Date:	28-Nov-2012 14:52:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	66620	Lims Sample ID:	3
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



Manual Integration/User Assign Peak Report

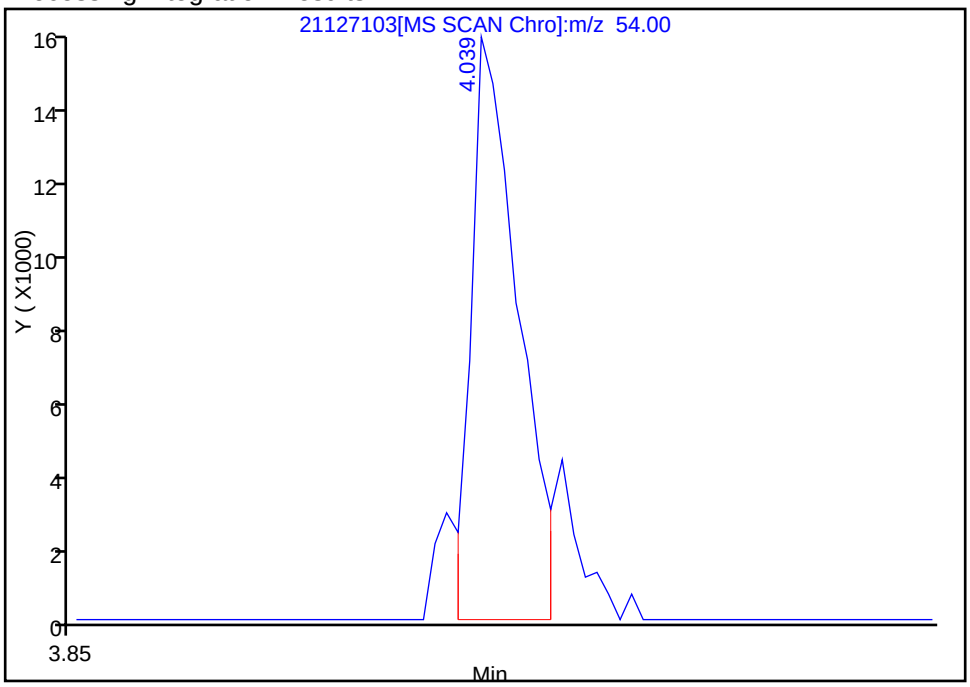
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121128-15348.b\21127103.D		
Injection Date:	28-Nov-2012 14:52:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	66620	Lims Sample ID:	3
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

29 3-Chloropropionitrile, Signal: 1, m/z: 54.0 Type: quant, RT: 4.04

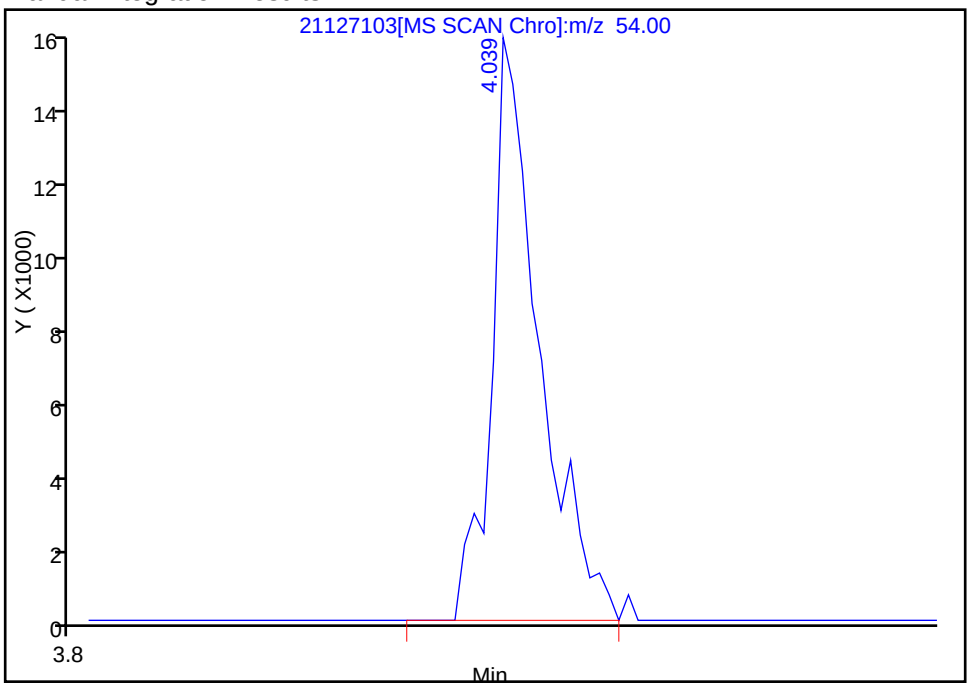
Processing Integration Results

RT: 4.04
Response: 23797
Amount: 1.758699



Manual Integration Results

RT: 4.04
Response: 28473
Amount: 1.956448



Reviewer: ulmanm, 28-Nov-2012 15:28:29
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

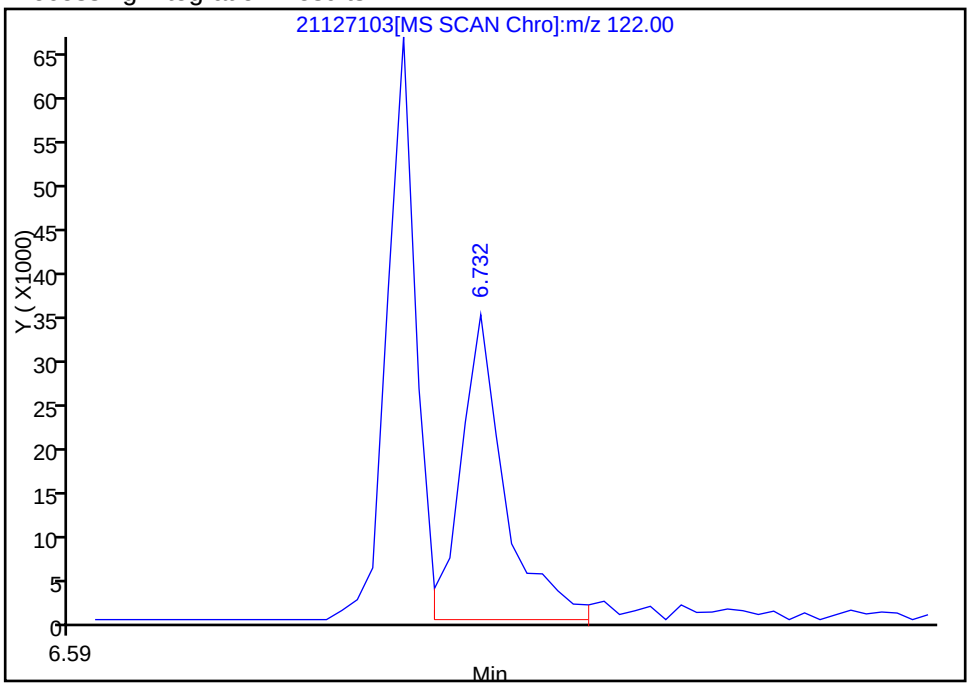
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121128-15348.b\21127103.D		
Injection Date:	28-Nov-2012 14:52:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	66620	Lims Sample ID:	3
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

71 Benzoic acid, Signal: 1, m/z: 122.0 Type: quant, RT: 6.75

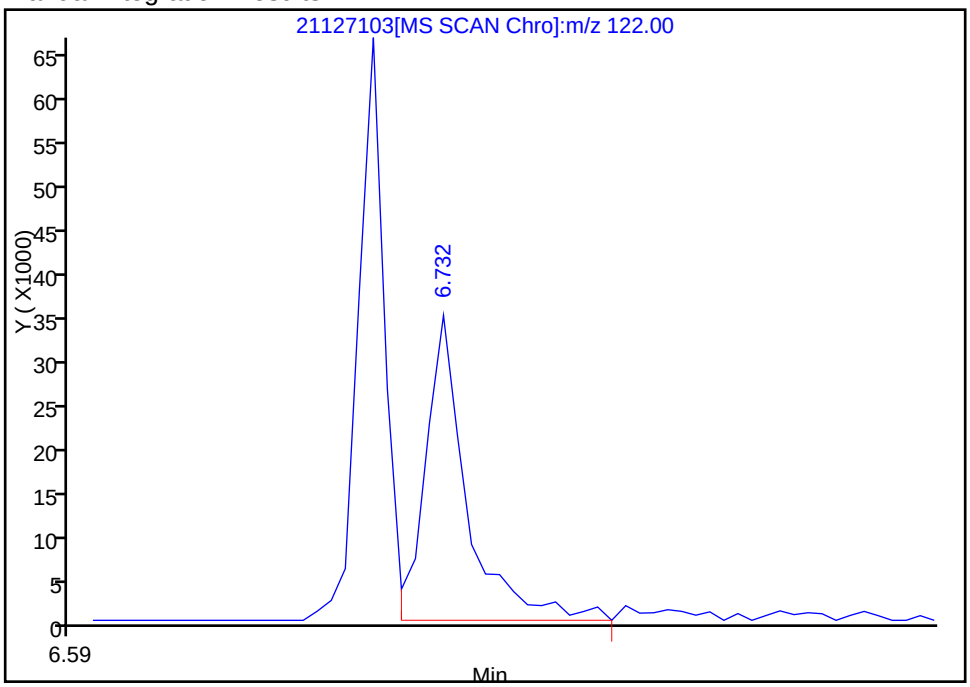
Processing Integration Results

RT: 6.73
Response: 37073
Amount: 3.281834



Manual Integration Results

RT: 6.73
Response: 38712
Amount: 3.711798



Reviewer: ulmanm, 28-Nov-2012 15:28:29
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP9\20121128-15348.b\21127104.D		
Lims ID:	std3 tcl	Client ID:	
Inject. Date:	28-Nov-2012 15:17:30	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	3
Sample ID:	240-0015348-004		
Misc. Info.:	STD3 TCL =STD3 TCL		
Operator:	001574	Instrument ID:	A4HP9
Injection Vol:	1.0 ul	ALS Bottle#:	4
Lims Batch ID:	66620	Lims Sample ID:	4
Sublist:	chrom-8270 _9*sub13		
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP9\20121128-15348.b\8270 _9.m		
Last Update:	29-Nov-2012 07:29:20	Calib Date:	28-Nov-2012 18:11:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP9\20121128-15348.b\21127110.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK030		
First Level Reviewer: ulmanm		Date:	28-Nov-2012 15:56:20

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.917	5.916	0.001	85	73547	4.00	
* 2 Naphthalene-d8	136	7.023	7.027	-0.004	98	287045	4.00	
* 3 Acenaphthene-d10	164	8.519	8.518	0.001	74	171858	4.00	
* 4 Phenanthrene-d10	188	9.780	9.779	0.001	98	281091	4.00	
* 5 Chrysene-d12	240	12.328	12.332	-0.004	79	271989	4.00	
* 6 Perylene-d12	264	14.401	14.405	-0.004	84	224926	4.00	
$ 7 2-Fluorophenol	112	4.683	4.682	0.001	76	28124	0.9504	
$ 8 Phenol-d5	99	5.554	5.558	-0.004	0	38333	0.9338	
$ 9 Nitrobenzene-d5	82	6.398	6.397	0.001	77	36421	0.9020	
$ 10 2-Fluorobiphenyl (Surr)	172	7.931	7.935	-0.004	92	50427	0.9658	
$ 11 2,4,6-Tribromophenol	330	9.181	9.186	-0.005	42	4779	0.7722	
$ 12 Terphenyl-d14	244	11.137	11.135	0.002	92	50663	0.9390	
25 1,4-Dioxane	88	2.568	2.561	0.007	54	16046	0.9344	
26 N-Nitrosodimethylamine	74	3.027	3.021	0.006	61	21948	0.9265	
27 Pyridine	79	3.086	3.074	0.012	83	42441	1.05	M
28 Ethyl methacrylate	69	3.690	3.688	0.002	64	33977	0.9866	
29 3-Chloropropionitrile	54	4.042	4.041	0.001	71	14779	0.9591	
33 Malononitrile	66	4.379	4.372	0.007	91	37969	0.9813	M
41 Benzaldehyde	77	5.527	5.526	0.001	85	33483	1.04	
43 Phenol	94	5.570	5.569	0.001	89	40546	0.9085	
44 Aniline	93	5.618	5.617	0.001	95	55707	0.99	
69 Bis(2-chloroethyl)ether	93	5.672	5.670	0.002	84	35068	1.00	
46 2-Chlorophenol	128	5.725	5.724	0.001	76	25423	0.9731	
47 1,3-Dichlorobenzene	146	5.869	5.868	0.001	86	28150	1.00	
48 1,4-Dichlorobenzene	146	5.933	5.932	0.001	72	28052	0.99	
49 Benzyl alcohol	108	6.024	6.023	0.001	75	17475	0.8735	
50 1,2-Dichlorobenzene	146	6.067	6.066	0.001	67	25140	0.9529	
51 2-Methylphenol	108	6.110	6.108	0.002	91	26070	0.9107	
53 2,2'-oxybis[1-chloropropane]	45	6.147	6.146	0.001	95	28895	0.9356	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
21 3 & 4 Methylphenol	108	6.238	6.242	-0.004	84	28320	0.9151	
57 N-Nitrosodi-n-propylamine	70	6.254	6.258	-0.004	68	27101	0.9378	
58 Acetophenone	105	6.259	6.263	-0.004	79	42497	0.9281	
61 Hexachloroethane	117	6.366	6.370	-0.004	92	12295	0.9497	
62 Nitrobenzene	77	6.414	6.413	0.001	76	41910	0.9845	
64 Isophorone	82	6.617	6.616	0.001	94	68950	0.9242	
66 2-Nitrophenol	139	6.692	6.691	0.001	85	10500	0.9611	
67 1,3,5-Trichlorobenzene	180	6.703	6.701	0.002	91	26189	1.04	
65 2,4-Dimethylphenol	107	6.703	6.707	-0.004	92	32424	0.9712	
71 Benzoic acid	122	6.729	6.750	-0.021	71	13933	1.75	M
70 Bis(2-chloroethoxy)methane	93	6.794	6.792	0.002	94	41184	1.00	
73 2,4-Dichlorophenol	162	6.890	6.888	0.002	85	19343	0.9623	
74 1,2,4-Trichlorobenzene	180	6.970	6.969	0.001	73	24943	0.9873	
75 Naphthalene	128	7.045	7.043	0.002	91	71946	1.00	
76 4-Chloroaniline	127	7.077	7.075	0.002	77	28318	0.9182	
79 Hexachlorobutadiene	225	7.141	7.145	-0.004	75	12523	0.9254	
80 1,2,3-Trichlorobenzene	180	7.162	7.166	-0.004	84	21424	0	
84 Caprolactam	113	7.344	7.353	-0.009	59	6311	0.9764	
86 4-Chloro-3-methylphenol	107	7.467	7.465	0.002	76	25505	0.8923	
87 2-Methylnaphthalene	142	7.632	7.631	0.001	82	45737	0.9543	
88 1-Methylnaphthalene	142	7.718	7.716	0.002	76	42851	0.9324	
89 Hexachlorocyclopentadiene	237	7.760	7.759	0.001	70	11614	0.9105	
90 1,2,3,5-Tetrachlorobenzene	216	7.755	7.759	-0.004	87	23701	1.00	
92 2,4,6-Trichlorophenol	196	7.857	7.861	-0.004	77	13123	0.9082	
93 2,4,5-Trichlorophenol	196	7.883	7.887	-0.004	85	13900	0.8926	
97 2,4-Toluene diamine	121	8.001	8.000	0.001	92	18687	1.22	
99 1,2,3,4 -Tetrachlorobenzene	216	8.012	8.016	-0.004	82	22254	0	
98 1,1'-Biphenyl	154	8.022	8.021	0.001	95	55787	0.9537	
100 2-Chloronaphthalene	162	8.044	8.048	-0.004	93	45323	0.9888	
102 2-Nitroaniline	65	8.118	8.117	0.001	54	17634	0.9082	
105 Dimethyl phthalate	163	8.257	8.261	-0.004	92	48933	0.9231	
107 2,6-Dinitrotoluene	165	8.316	8.315	0.001	70	8594	0.7615	
108 1,2-Dinitrobenzene	168	8.359	8.363	-0.004	66	5134	0.8853	
109 Acenaphthylene	152	8.402	8.400	0.002	85	68028	0.9697	
110 3-Nitroaniline	138	8.460	8.459	0.001	80	10856	0.8694	
112 Acenaphthene	153	8.546	8.544	0.002	90	44285	0.9776	
111 2,4-Dinitrophenol	184		8.550					
113 4-Nitrophenol	109	8.572	8.571	0.001	83	7761	0.9670	
114 2,4-Dinitrotoluene	165	8.653	8.657	-0.004	67	12455	0.8318	
116 Dibenzofuran	168	8.690	8.689	0.001	81	63560	0.99	
118 2,3,5,6-Tetrachlorophenol	232	8.749	8.747	0.002	70	9799	0.9691	
121 Diethyl phthalate	149	8.850	8.854	-0.004	90	48857	0.9419	
123 4-Chlorophenyl phenyl ether	204	8.968	8.972	-0.004	86	27060	0.9682	
125 4-Nitroaniline	138	8.973	8.977	-0.004	75	11348	0.8865	
126 Fluorene	166	8.978	8.983	-0.005	77	52842	0.9681	
128 4,6-Dinitro-2-methylphenol	198	9.000	9.004	-0.004	17	4685	1.21	
131 N-Nitrosodiphenylamine	169	9.059	9.063	-0.004	97	35837	0.9567	
132 1,2-Diphenylhydrazine	77	9.101	9.105	-0.004	99	81914	0.9827	
133 Azobenzene	77	9.101	9.105	-0.004	93	81914	0.9827	
139 4-Bromophenyl phenyl ether	248	9.384	9.389	-0.005	71	13190	0.9208	
141 Hexachlorobenzene	284	9.443	9.447	-0.004	79	15215	1.03	
142 Atrazine	200	9.497	9.495	0.002	61	11295	0.9709	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
143 Pentachlorophenol	266	9.603	9.602	0.001	69	14719	2.12	
148 Phenanthrene	178	9.796	9.800	-0.004	80	80032	1.01	
149 Anthracene	178	9.844	9.843	0.001	86	76102	0.9880	
151 Carbazole	167	9.967	9.965	0.002	82	66717	0.9711	
154 Di-n-butyl phthalate	149	10.229	10.233	-0.004	97	79138	0.9303	
159 Fluoranthene	202	10.811	10.810	0.001	97	84719	0.9675	
160 Benzidine	184	10.907	10.906	0.001	87	32517	0.9882	
161 Pyrene	202	11.019	11.018	0.001	89	88081	0.9516	
168 Butyl benzyl phthalate	149	11.617	11.616	0.001	79	33226	0.8847	
172 3,3'-Dimethoxybenzidine	244	12.221	12.225	-0.004	34	10420	1.02	
175 3,3'-Dichlorobenzidine	252	12.264	12.263	0.001	58	25265	0.8516	
174 4,4'-Methylene bis(2-chloroanili	231	12.259	12.263	-0.004	64	11750	1.01	
173 Bis(2-ethylhexyl) phthalate	149	12.296	12.295	0.001	90	44532	0.8496	
177 Benzo[a]anthracene	228	12.317	12.316	0.001	84	78228	0.9659	
178 Chrysene	228	12.360	12.364	-0.004	82	70864	0.9391	
180 Di-n-octyl phthalate	149	13.204	13.208	-0.004	90	61667	0.9461	
182 Benzo[b]fluoranthene	252	13.818	13.823	-0.004	88	73341	1.00	
183 Benzo[k]fluoranthene	252	13.861	13.865	-0.004	86	76320	0.9785	M
184 Benzo[a]pyrene	252	14.315	14.319	-0.004	60	65748	0.9490	
188 Indeno[1,2,3-cd]pyrene	276	16.057	16.061	-0.004	93	73734	0.9444	
189 Dibenz(a,h)anthracene	278	16.089	16.093	-0.004	54	57287	0.9144	
190 Benzo[g,h,i]perylene	276	16.500	16.504	-0.004	81	59828	0.9034	
S 191 Methyl Phenols,Total	100				0		1.83	

QC Flag Legend

Review Flags
M - Manually Integrated

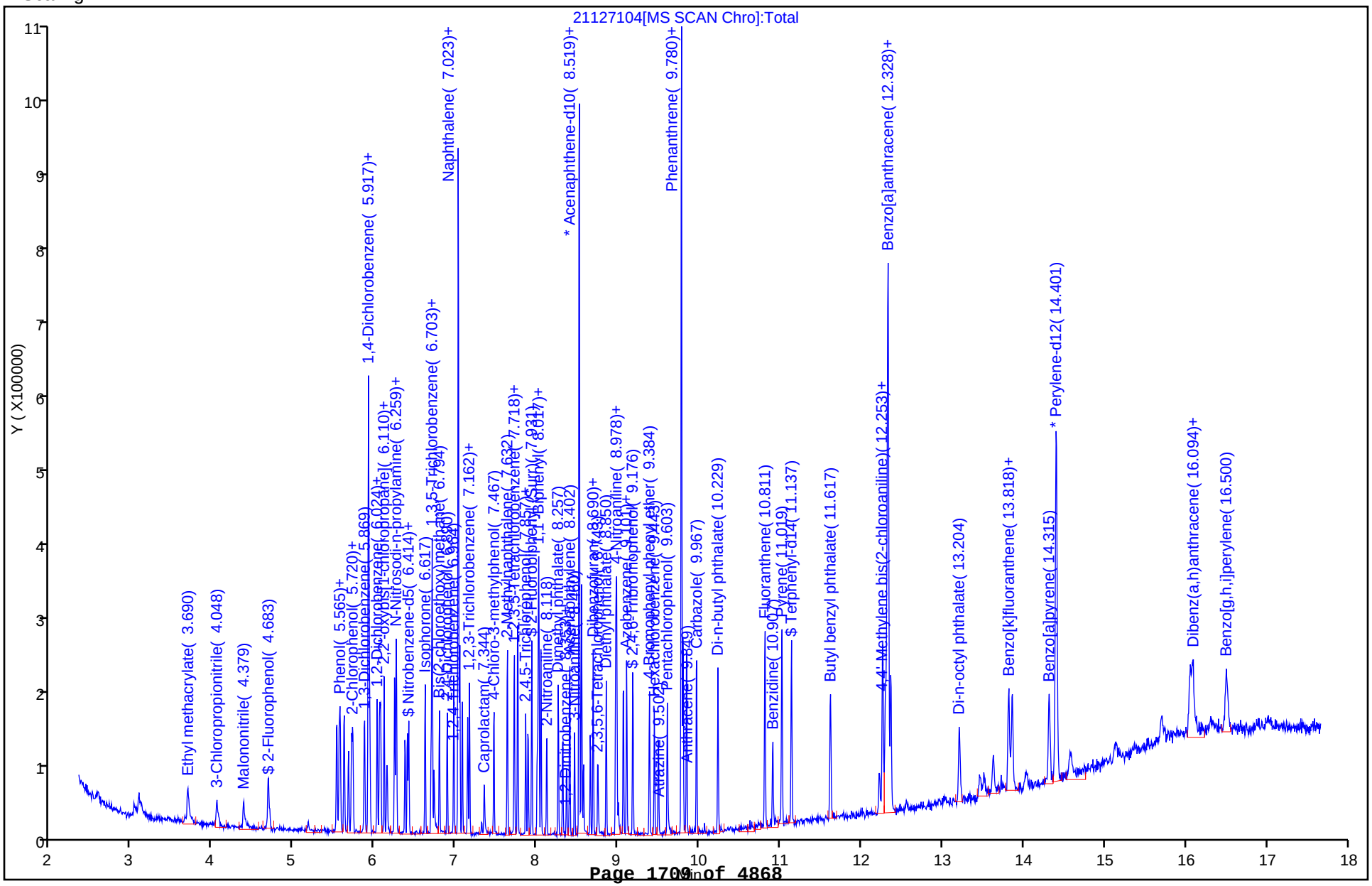
Report Date: 29-Nov-2012 07:29:20 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121128-15348.b\21127104.D

Injection Date:	28-Nov-2012 15:17:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	66620	Lims Sample ID:	4
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



Manual Integration/User Assign Peak Report

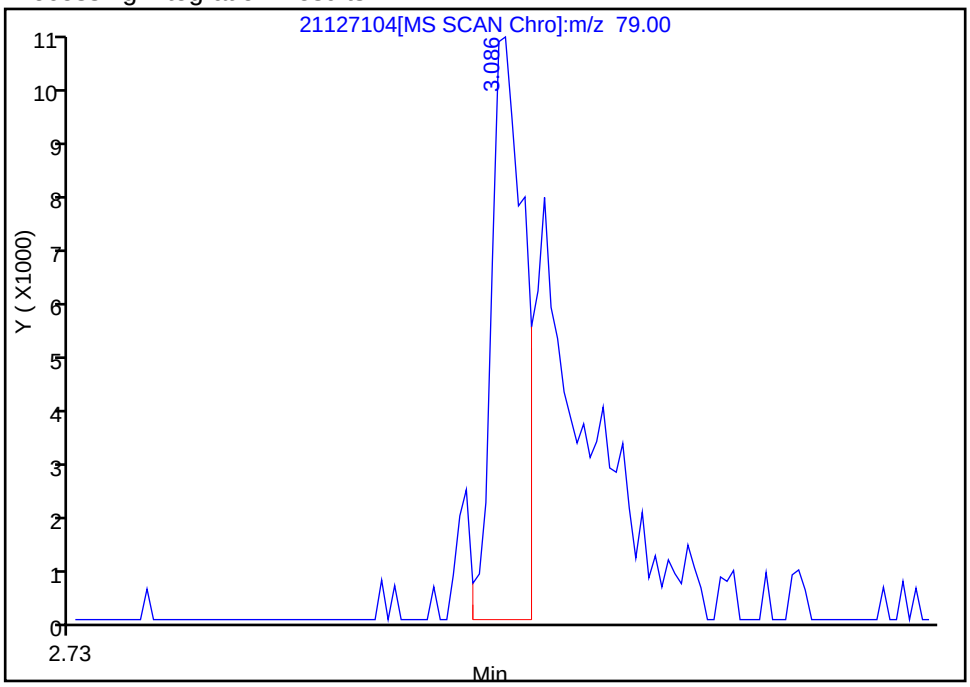
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121128-15348.b\21127104.D		
Injection Date:	28-Nov-2012 15:17:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	66620	Lims Sample ID:	4
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

27 Pyridine, Signal: 1, m/z: 79.0 Type: quant, RT: 3.07

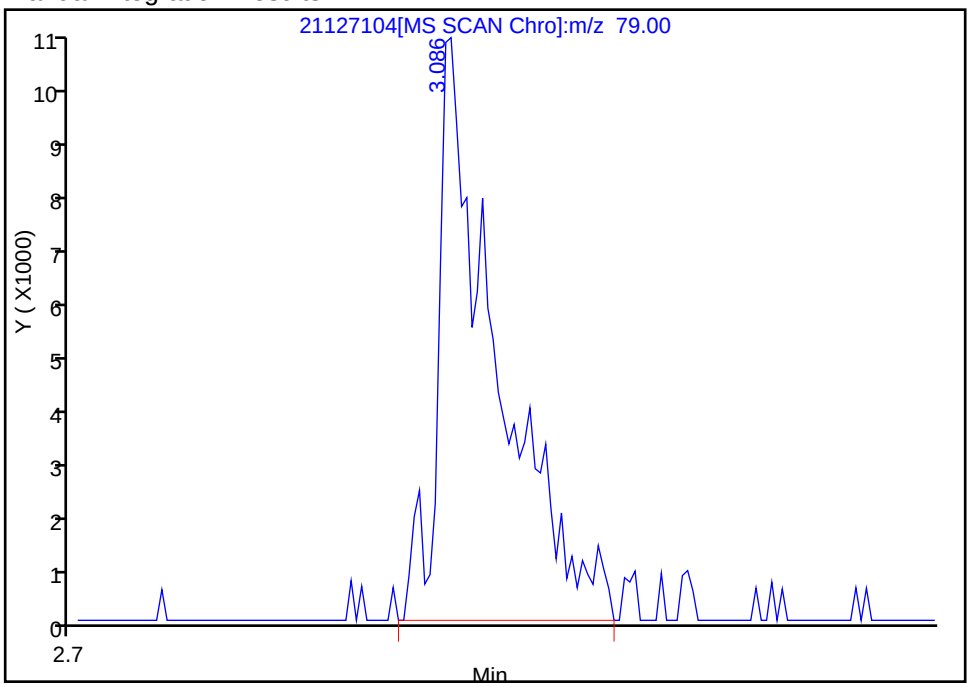
Processing Integration Results

RT: 3.09
Response: 18905
Amount: 0.611390



Manual Integration Results

RT: 3.09
Response: 42441
Amount: 1.045061



Reviewer: ulmanm, 28-Nov-2012 15:56:20
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

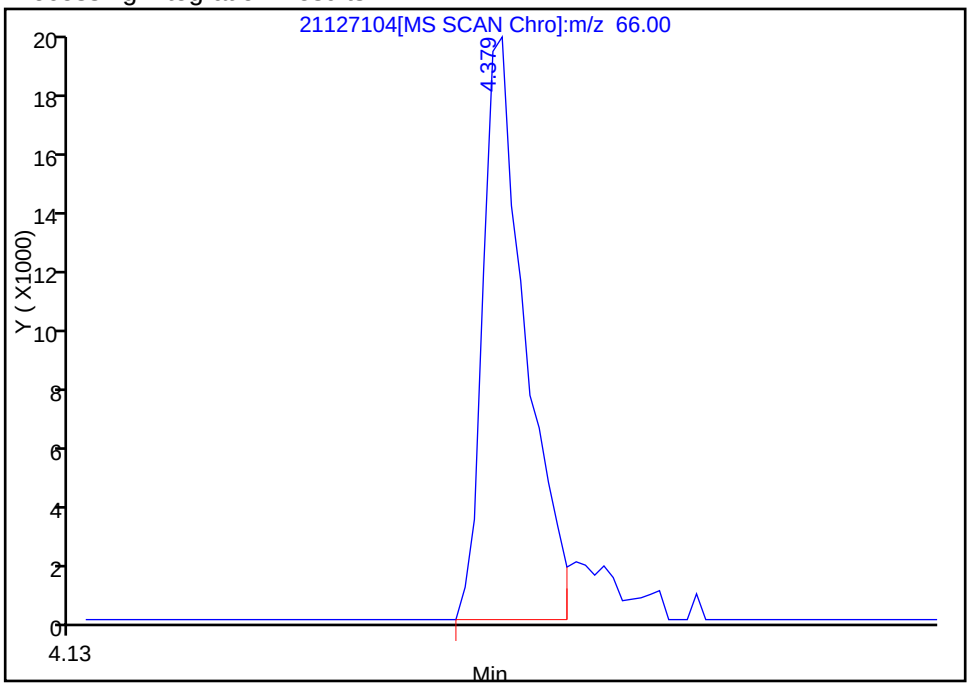
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121128-15348.b\21127104.D		
Injection Date:	28-Nov-2012 15:17:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	66620	Lims Sample ID:	4
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

33 Malononitrile, Signal: 1, m/z: 66.0 Type: quant, RT: 4.37

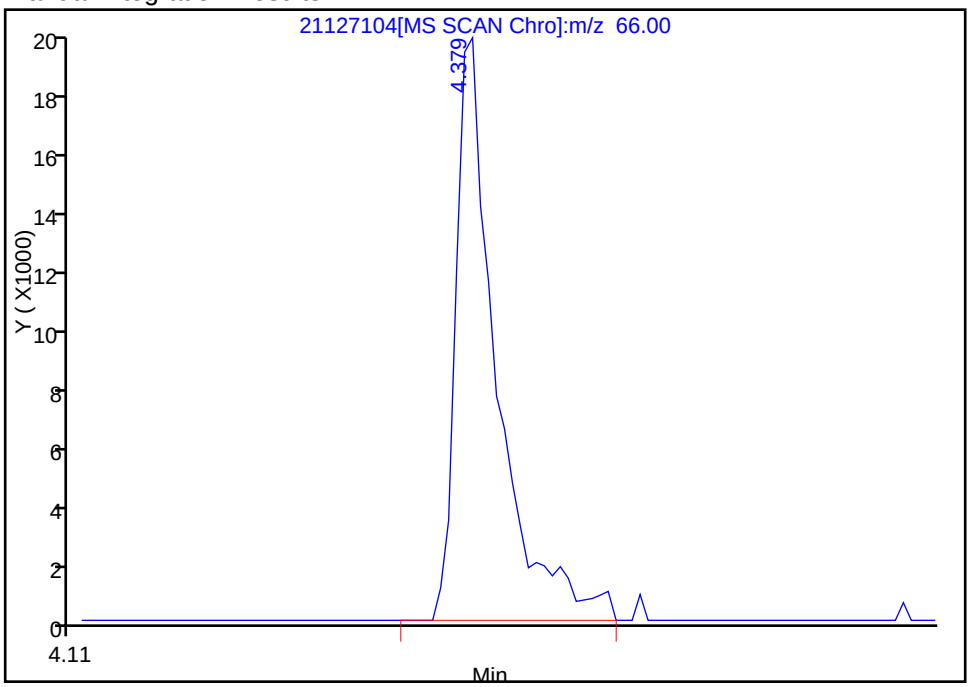
Processing Integration Results

RT: 4.38
Response: 33925
Amount: 0.924628



Manual Integration Results

RT: 4.38
Response: 37969
Amount: 0.981284



Reviewer: ulmanm, 28-Nov-2012 15:56:20
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

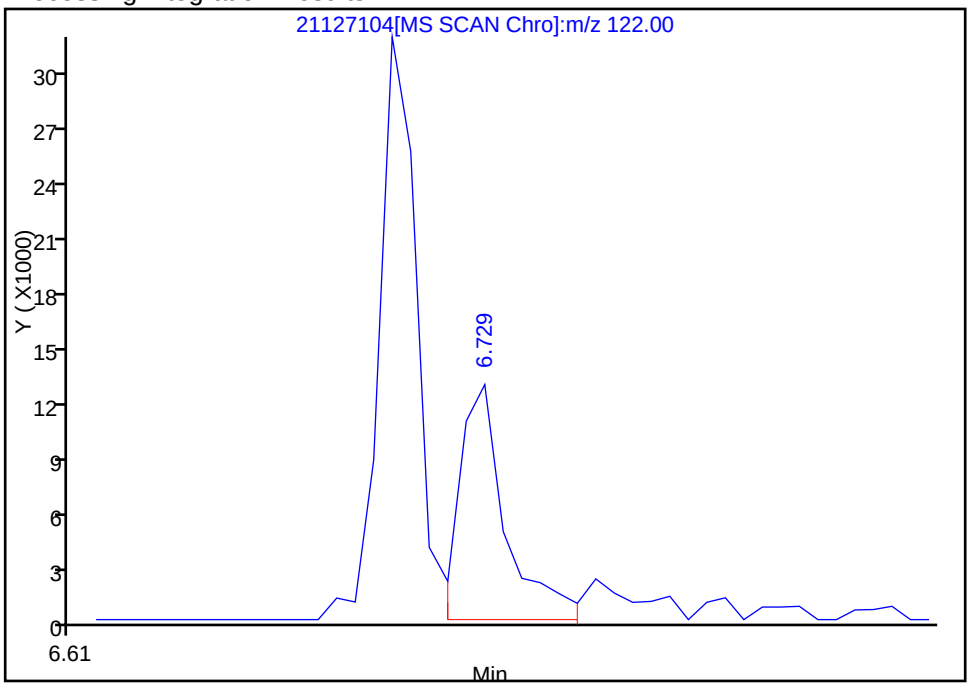
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121128-15348.b\21127104.D		
Injection Date:	28-Nov-2012 15:17:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	66620	Lims Sample ID:	4
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

71 Benzoic acid, Signal: 1, m/z: 122.0 Type: quant, RT: 6.75

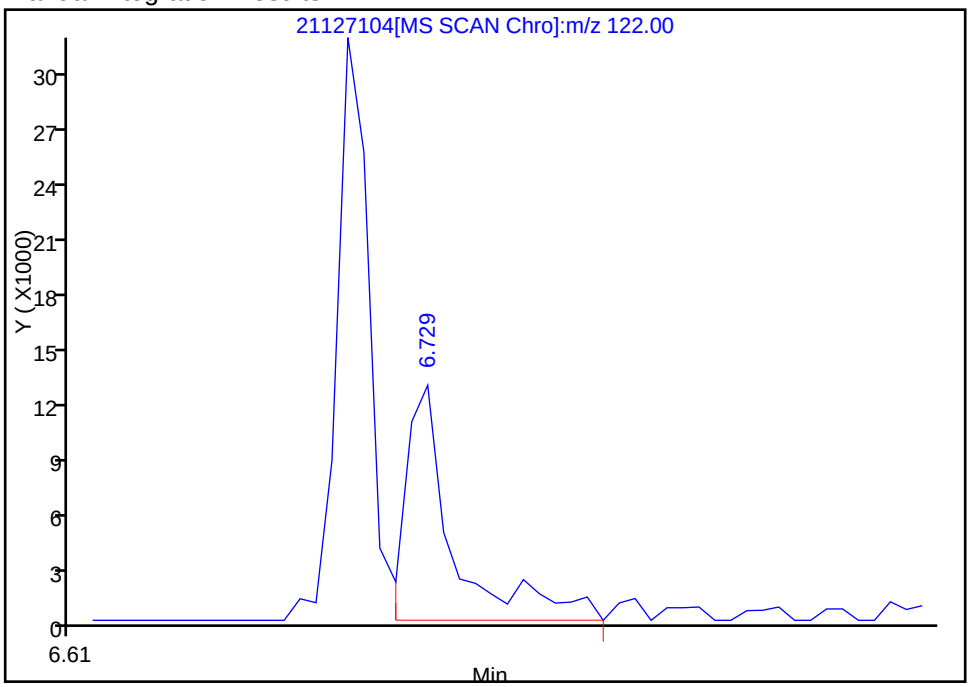
Processing Integration Results

RT: 6.73
Response: 11781
Amount: 1.165718



Manual Integration Results

RT: 6.73
Response: 13933
Amount: 1.749967



Reviewer: ulmanm, 28-Nov-2012 15:56:20
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

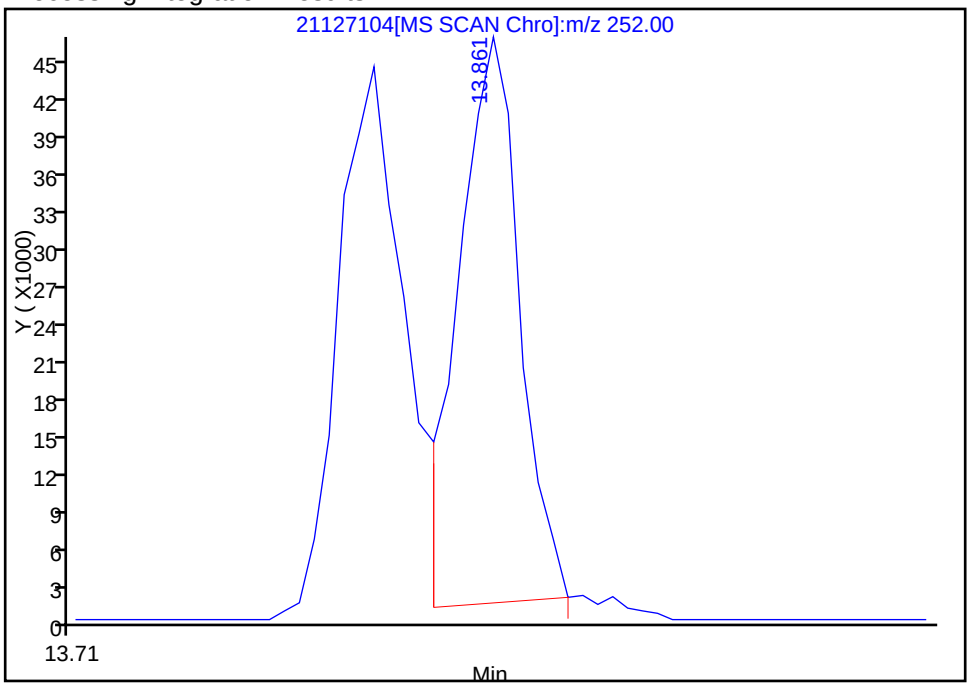
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121128-15348.b\21127104.D		
Injection Date:	28-Nov-2012 15:17:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	66620	Lims Sample ID:	4
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

183 Benzo[k]fluoranthene, Signal: 1, m/z: 252.0 Type: quant, RT: 13.87

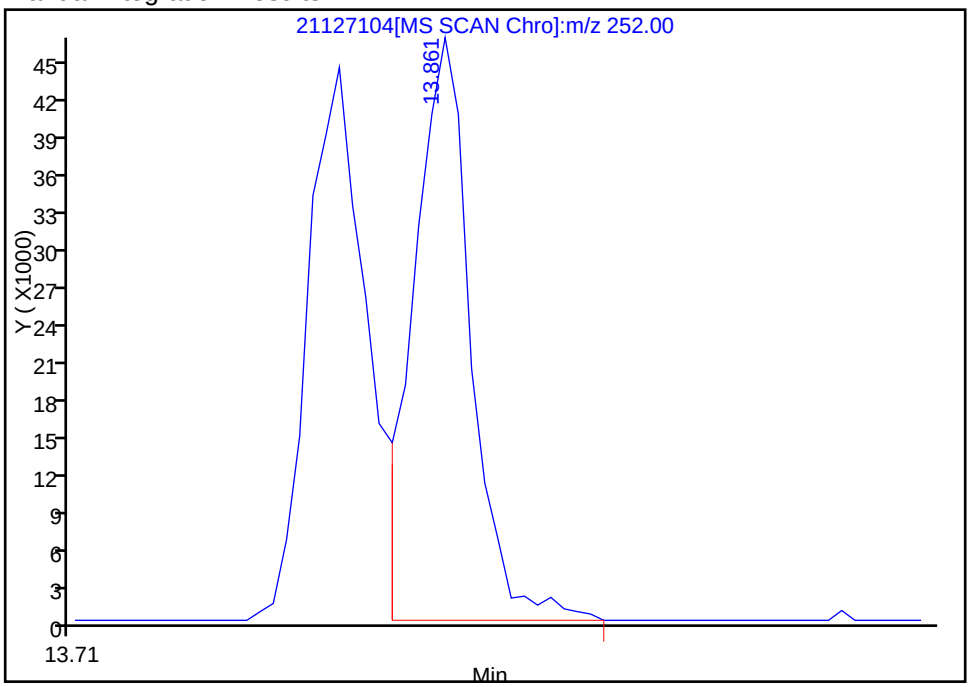
Processing Integration Results

RT: 13.86
Response: 69636
Amount: 0.962574



Manual Integration Results

RT: 13.86
Response: 76320
Amount: 0.978534



Reviewer: ulmanm, 28-Nov-2012 15:56:20
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP9\20121128-15348.b\21127105.D		
Lims ID:	std2 tcl	Client ID:	
Inject. Date:	28-Nov-2012 16:06:30	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	2
Sample ID:	240-0015348-005		
Misc. Info.:	STD2 TCL =STD2 TCL		
Operator:	001574	Instrument ID:	A4HP9
Injection Vol:	1.0 ul	ALS Bottle#:	5
Lims Batch ID:	66620	Lims Sample ID:	5
Sublist:	chrom-8270 _9*sub13		
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP9\20121128-15348.b\8270 _9.m		
Last Update:	29-Nov-2012 07:29:22	Calib Date:	28-Nov-2012 18:11:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP9\20121128-15348.b\21127110.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK030		
First Level Reviewer: ulmanm		Date:	28-Nov-2012 16:45:52

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.918	5.916	0.002	93	75682	4.00	
* 2 Naphthalene-d8	136	7.024	7.027	-0.003	98	286995	4.00	
* 3 Acenaphthene-d10	164	8.520	8.518	0.002	87	173570	4.00	
* 4 Phenanthrene-d10	188	9.775	9.779	-0.004	81	299835	4.00	
* 5 Chrysene-d12	240	12.329	12.332	-0.003	78	282678	4.00	
* 6 Perylene-d12	264	14.401	14.405	-0.004	90	231720	4.00	
$ 7 2-Fluorophenol	112	4.679	4.682	-0.003	62	13864	0.4553	
$ 8 Phenol-d5	99	5.555	5.558	-0.003	0	19486	0.4613	
$ 9 Nitrobenzene-d5	82	6.399	6.397	0.002	76	19177	0.4750	
$ 10 2-Fluorobiphenyl (Surr)	172	7.932	7.935	-0.003	84	27197	0.5157	
$ 11 2,4,6-Tribromophenol	330	9.182	9.186	-0.004	12	2721	0.4353	
$ 12 Terphenyl-d14	244	11.137	11.135	0.002	86	26430	0.4713	
25 1,4-Dioxane	88		2.561					9
26 N-Nitrosodimethylamine	74	3.028	3.021	0.007	66	10869	0.4459	M
27 Pyridine	79	3.097	3.074	0.023	74	20561	0.4920	M
28 Ethyl methacrylate	69	3.690	3.688	0.002	39	16837	0.4751	
29 3-Chloropropionitrile	54	4.043	4.041	0.002	60	7439	0.4692	M
33 Malononitrile	66	4.374	4.372	0.002	82	17593	0.4419	M
41 Benzaldehyde	77	5.528	5.526	0.002	80	18474	0.5574	
43 Phenol	94	5.566	5.569	-0.003	86	21412	0.4662	
44 Aniline	93	5.614	5.617	-0.003	90	28271	0.4886	
69 Bis(2-chloroethyl)ether	93	5.672	5.670	0.002	77	17677	0.4899	
46 2-Chlorophenol	128	5.726	5.724	0.002	73	11714	0.4357	
47 1,3-Dichlorobenzene	146	5.865	5.868	-0.003	63	14298	0.4918	
48 1,4-Dichlorobenzene	146	5.934	5.932	0.002	67	14756	0.5078	
49 Benzyl alcohol	108	6.025	6.023	0.002	84	9757	0.4740	
50 1,2-Dichlorobenzene	146	6.068	6.066	0.002	71	13343	0.4915	
51 2-Methylphenol	108	6.110	6.108	0.002	79	13713	0.4655	
53 2,2'-oxybis[1-chloropropane]	45	6.143	6.146	-0.004	86	16771	0.5277	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
21 3 & 4 Methylphenol	108	6.239	6.242	-0.003	67	15641	0.4912	
57 N-Nitrosodi-n-propylamine	70	6.255	6.258	-0.003	62	13726	0.4616	
58 Acetophenone	105	6.260	6.263	-0.003	86	22874	0.4855	
61 Hexachloroethane	117	6.367	6.370	-0.003	76	6935	0.5206	
62 Nitrobenzene	77	6.415	6.413	0.002	72	20982	0.4930	
64 Isophorone	82	6.618	6.616	0.002	78	32721	0.4386	
66 2-Nitrophenol	139	6.687	6.691	-0.004	60	4272	0.4764	
67 1,3,5-Trichlorobenzene	180	6.698	6.701	-0.003	79	12035	0.4761	
65 2,4-Dimethylphenol	107	6.703	6.707	-0.004	90	15765	0.4723	
71 Benzoic acid	122		6.750					9
70 Bis(2-chloroethoxy)methane	93	6.794	6.792	0.002	86	19650	0.4781	
73 2,4-Dichlorophenol	162	6.890	6.888	0.002	66	8126	0.4043	
74 1,2,4-Trichlorobenzene	180	6.971	6.969	0.002	71	13594	0.5382	
75 Naphthalene	128	7.045	7.043	0.002	88	36083	0.4994	
76 4-Chloroaniline	127	7.072	7.075	-0.003	78	14521	0.4709	
79 Hexachlorobutadiene	225	7.141	7.145	-0.004	75	7297	0.5393	
80 1,2,3-Trichlorobenzene	180	7.163	7.166	-0.003	73	12789	0	
84 Caprolactam	113	7.344	7.353	-0.009	56	2382	0.5414	
86 4-Chloro-3-methylphenol	107	7.462	7.465	-0.003	72	12128	0.4244	
87 2-Methylnaphthalene	142	7.628	7.631	-0.003	84	23951	0.4998	
88 1-Methylnaphthalene	142	7.713	7.716	-0.003	77	22633	0.4926	
89 Hexachlorocyclopentadiene	237	7.761	7.759	0.002	58	5642	0.4380	
90 1,2,3,5-Tetrachlorobenzene	216	7.756	7.759	-0.003	71	12653	0.5278	
92 2,4,6-Trichlorophenol	196	7.857	7.861	-0.004	54	6089	0.4173	
93 2,4,5-Trichlorophenol	196	7.884	7.887	-0.003	70	7249	0.4609	
97 2,4-Toluene diamine	121	7.996	8.000	-0.004	74	8793	0.5761	
99 1,2,3,4 -Tetrachlorobenzene	216	8.012	8.016	-0.004	80	12614	0	
98 1,1'-Biphenyl	154	8.018	8.021	-0.003	92	31199	0.5281	
100 2-Chloronaphthalene	162	8.044	8.048	-0.004	84	23374	0.5049	
102 2-Nitroaniline	65	8.119	8.117	0.002	27	8081	0.4121	
105 Dimethyl phthalate	163	8.258	8.261	-0.003	85	27053	0.5053	
107 2,6-Dinitrotoluene	165	8.317	8.315	0.002	38	4629	0.4061	
108 1,2-Dinitrobenzene	168		8.363					
109 Acenaphthylene	152	8.402	8.400	0.002	86	34395	0.4854	
110 3-Nitroaniline	138	8.461	8.459	0.002	67	4924	0.3904	
112 Acenaphthene	153	8.546	8.544	0.002	87	23539	0.5145	
111 2,4-Dinitrophenol	184		8.550					
113 4-Nitrophenol	109	8.573	8.571	0.002	53	3177	0.5007	
114 2,4-Dinitrotoluene	165	8.653	8.657	-0.004	54	5813	0.3844	
116 Dibenzofuran	168	8.691	8.689	0.002	78	32675	0.5042	
118 2,3,5,6-Tetrachlorophenol	232	8.749	8.747	0.002	26	4483	0.5681	
121 Diethyl phthalate	149	8.851	8.854	-0.003	80	25291	0.4828	
123 4-Chlorophenyl phenyl ether	204	8.968	8.972	-0.004	82	13283	0.4706	
125 4-Nitroaniline	138	8.974	8.977	-0.003	69	4735	0.3662	
126 Fluorene	166	8.979	8.983	-0.004	67	29300	0.5315	
128 4,6-Dinitro-2-methylphenol	198		9.004					9
131 N-Nitrosodiphenylamine	169	9.059	9.063	-0.004	90	19074	0.4774	
132 1,2-Diphenylhydrazine	77	9.102	9.105	-0.003	98	39914	0.4489	
133 Azobenzene	77	9.102	9.105	-0.003	86	39914	0.4489	
139 4-Bromophenyl phenyl ether	248	9.385	9.389	-0.004	50	7934	0.5193	
141 Hexachlorobenzene	284	9.444	9.447	-0.003	55	8001	0.5090	
142 Atrazine	200	9.497	9.495	0.002	26	4798	0.3867	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
143 Pentachlorophenol	266	9.604	9.602	0.002	37	5527	1.18	
148 Phenanthrene	178	9.797	9.800	-0.003	88	39644	0.4712	
149 Anthracene	178	9.839	9.843	-0.004	81	36032	0.4385	
151 Carbazole	167	9.962	9.965	-0.003	76	32567	0.4444	
154 Di-n-butyl phthalate	149	10.229	10.233	-0.004	93	38218	0.4212	
159 Fluoranthene	202	10.806	10.810	-0.004	76	42244	0.4523	
160 Benzidine	184		10.906					
161 Pyrene	202	11.015	11.018	-0.003	94	42888	0.4458	
168 Butyl benzyl phthalate	149	11.613	11.616	-0.003	65	15193	0.3892	
172 3,3'-Dimethoxybenzidine	244		12.225					9
175 3,3'-Dichlorobenzidine	252	12.259	12.263	-0.004	25	11276	0.3657	
174 4,4'-Methylene bis(2-chloroanili	231	12.259	12.263	-0.004	34	5222	0.6033	
173 Bis(2-ethylhexyl) phthalate	149	12.291	12.295	-0.004	79	21315	0.3913	
177 Benzo[a]anthracene	228	12.313	12.316	-0.003	80	38623	0.4589	
178 Chrysene	228	12.361	12.364	-0.003	76	39442	0.5029	
180 Di-n-octyl phthalate	149	13.205	13.208	-0.003	65	25805	0.5392	
182 Benzo[b]fluoranthene	252	13.814	13.823	-0.008	73	31778	0.4189	
183 Benzo[k]fluoranthene	252	13.857	13.865	-0.008	74	36729	0.4571	
184 Benzo[a]pyrene	252	14.316	14.319	-0.003	53	31623	0.4431	
188 Indeno[1,2,3-cd]pyrene	276	16.052	16.061	-0.009	80	32570	0.4049	
189 Dibenz(a,h)anthracene	278	16.090	16.093	-0.003	29	29778	0.4613	
190 Benzo[g,h,i]perylene	276	16.501	16.504	-0.003	73	31049	0.4551	
S 191 Methyl Phenols,Total	100				0		0.9567	

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

Review Flags
M - Manually Integrated

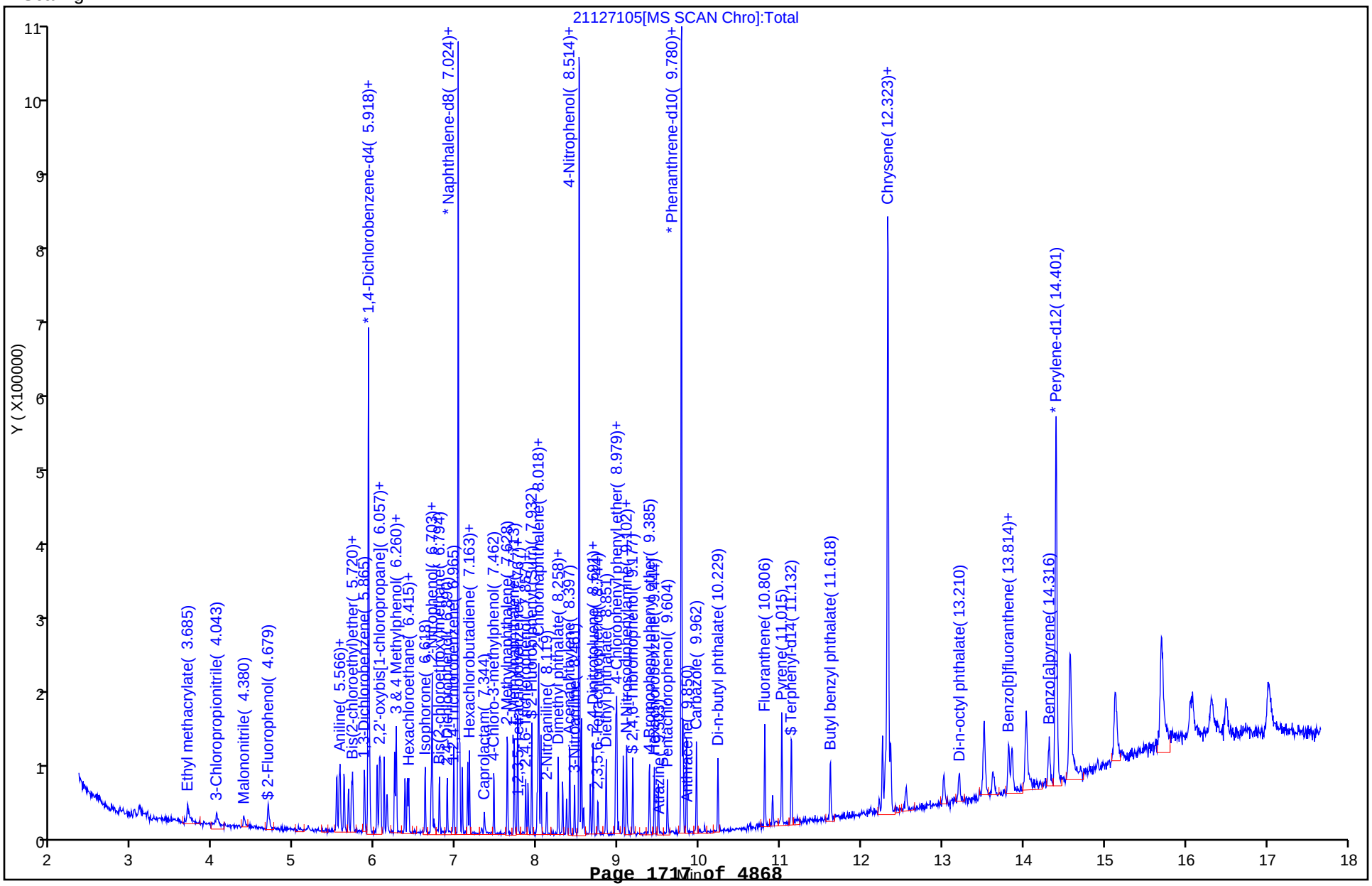
Report Date: 29-Nov-2012 07:29:22 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121128-15348.b\21127105.D

Injection Date:	28-Nov-2012 16:06:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	66620	Lims Sample ID:	5
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



Manual Integration/User Assign Peak Report

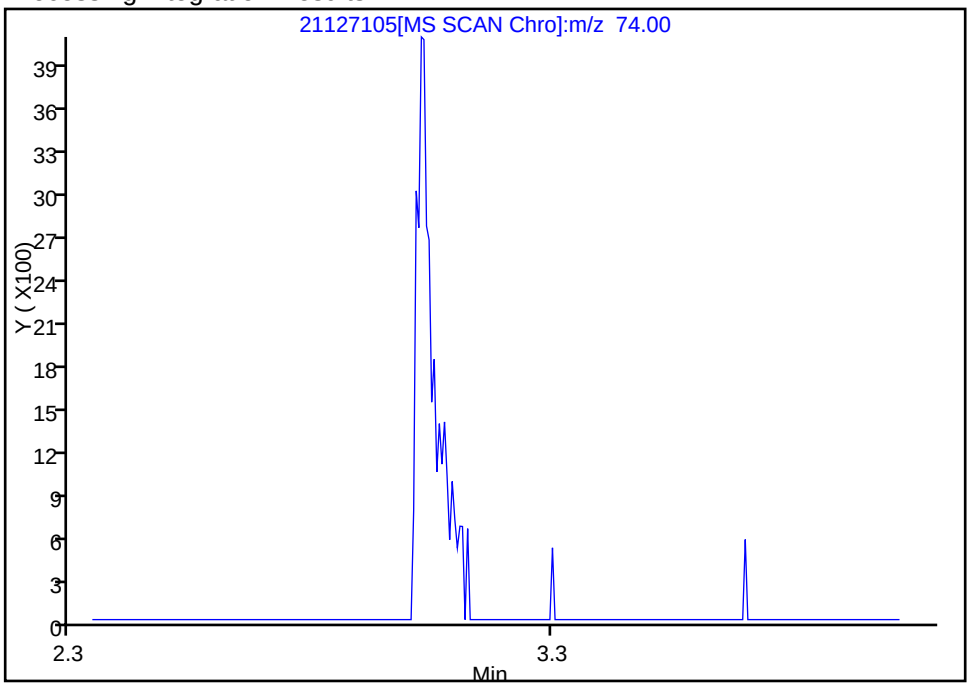
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121128-15348.b\21127105.D		
Injection Date:	28-Nov-2012 16:06:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	66620	Lims Sample ID:	5
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

26 N-Nitrosodimethylamine, Signal: 1, m/z: 74.0 Type: quant, RT: 3.02

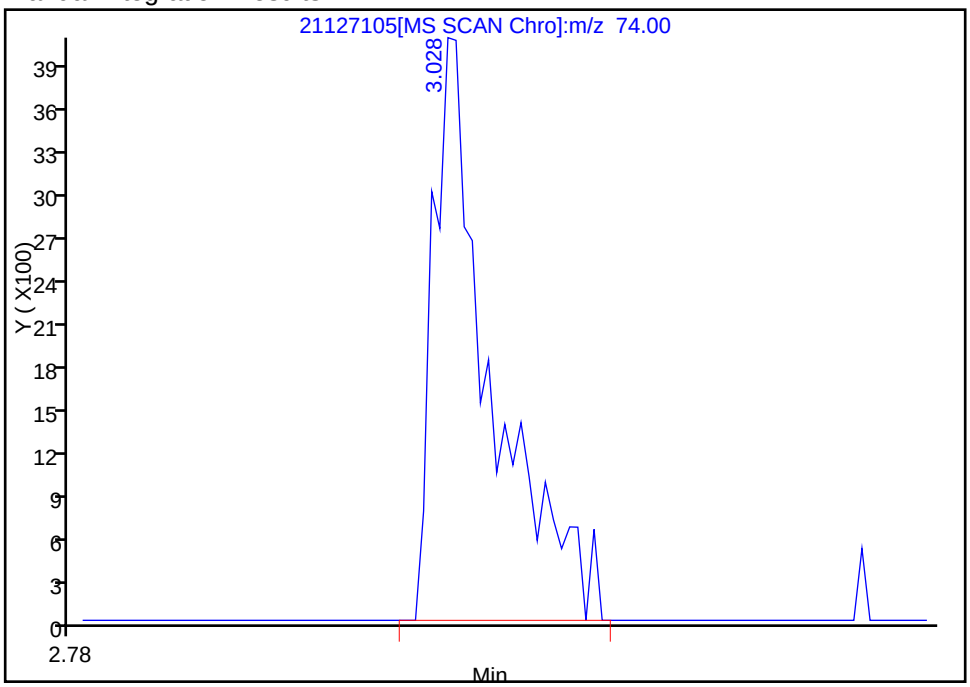
Processing Integration Results

Not Detected
Expected RT: 3.02



Manual Integration Results

RT: 3.03
Response: 10869
Amount: 0.445861



Reviewer: ulmanm, 28-Nov-2012 16:45:52
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

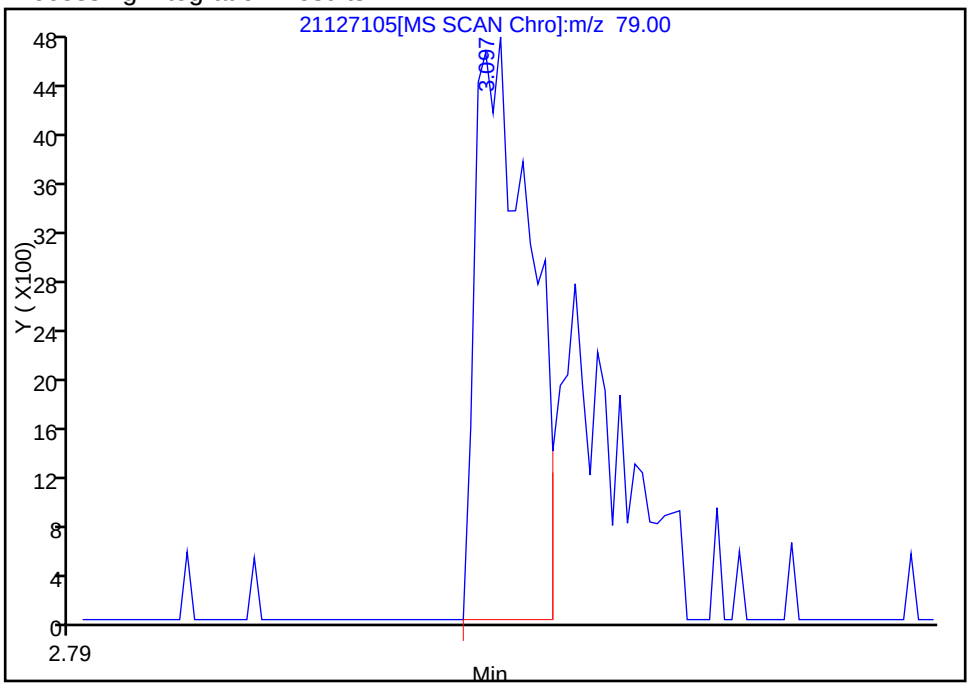
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121128-15348.b\21127105.D		
Injection Date:	28-Nov-2012 16:06:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	66620	Lims Sample ID:	5
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

27 Pyridine, Signal: 1, m/z: 79.0 Type: quant, RT: 3.07

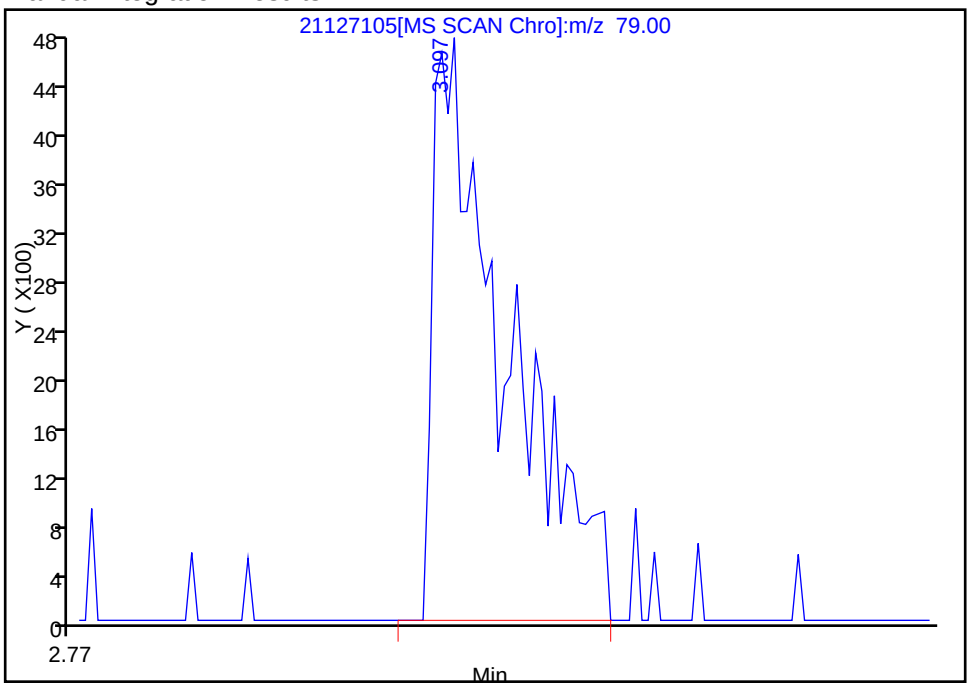
Processing Integration Results

RT: 3.10
Response: 12884
Amount: 0.354335



Manual Integration Results

RT: 3.10
Response: 20561
Amount: 0.492009



Reviewer: ulmanm, 28-Nov-2012 16:45:52
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

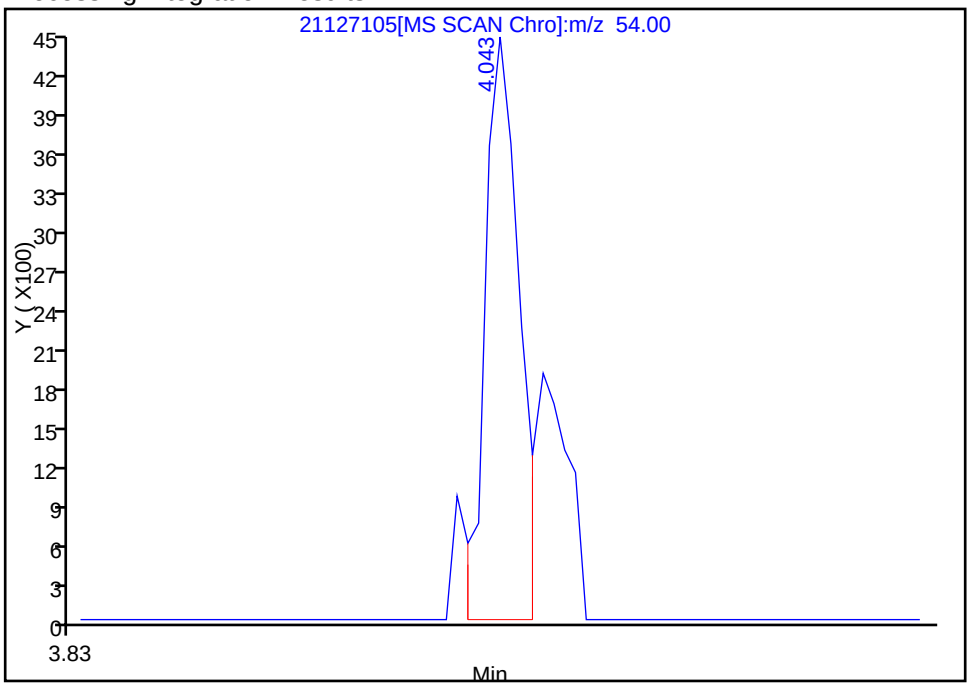
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121128-15348.b\21127105.D		
Injection Date:	28-Nov-2012 16:06:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	66620	Lims Sample ID:	5
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

29 3-Chloropropionitrile, Signal: 1, m/z: 54.0 Type: quant, RT: 4.04

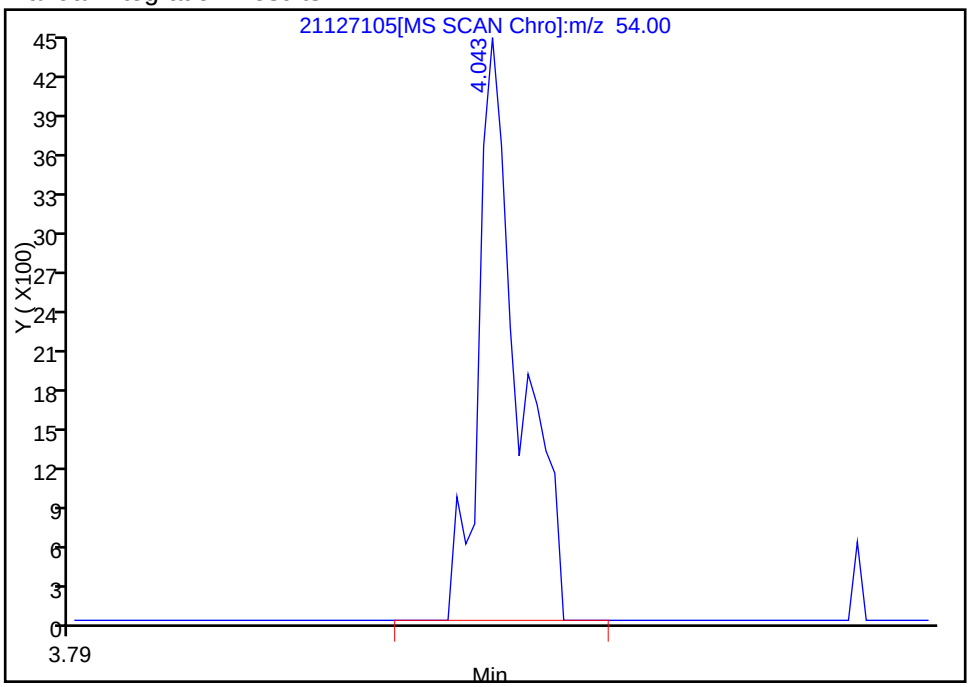
Processing Integration Results

RT: 4.04
Response: 5250
Amount: 0.363704



Manual Integration Results

RT: 4.04
Response: 7439
Amount: 0.469162



Reviewer: ulmanm, 28-Nov-2012 16:45:52
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

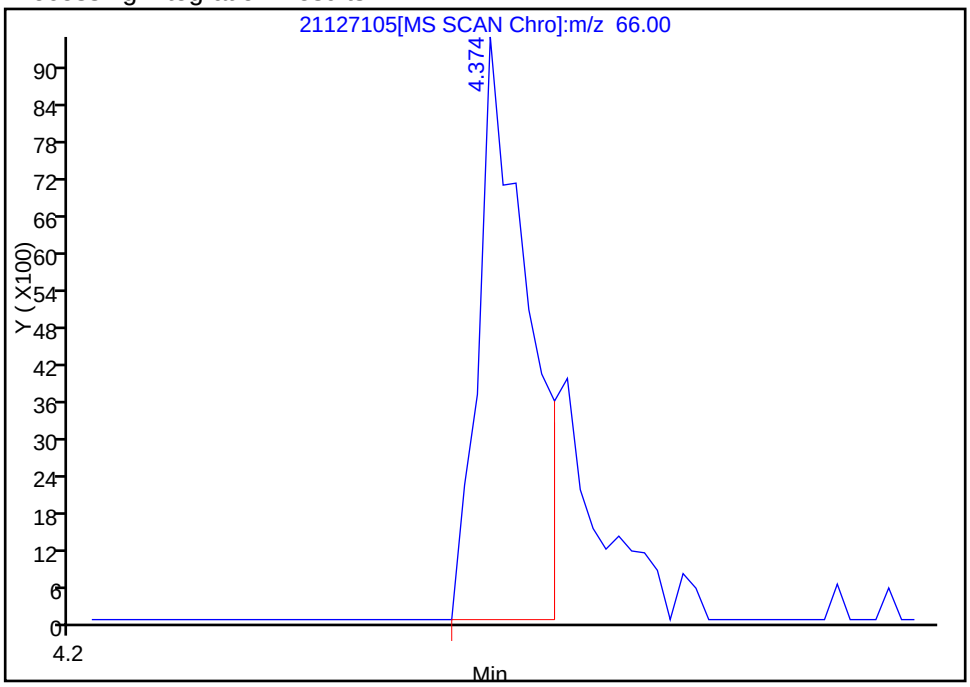
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121128-15348.b\21127105.D		
Injection Date:	28-Nov-2012 16:06:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	66620	Lims Sample ID:	5
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

33 Malononitrile, Signal: 1, m/z: 66.0 Type: quant, RT: 4.37

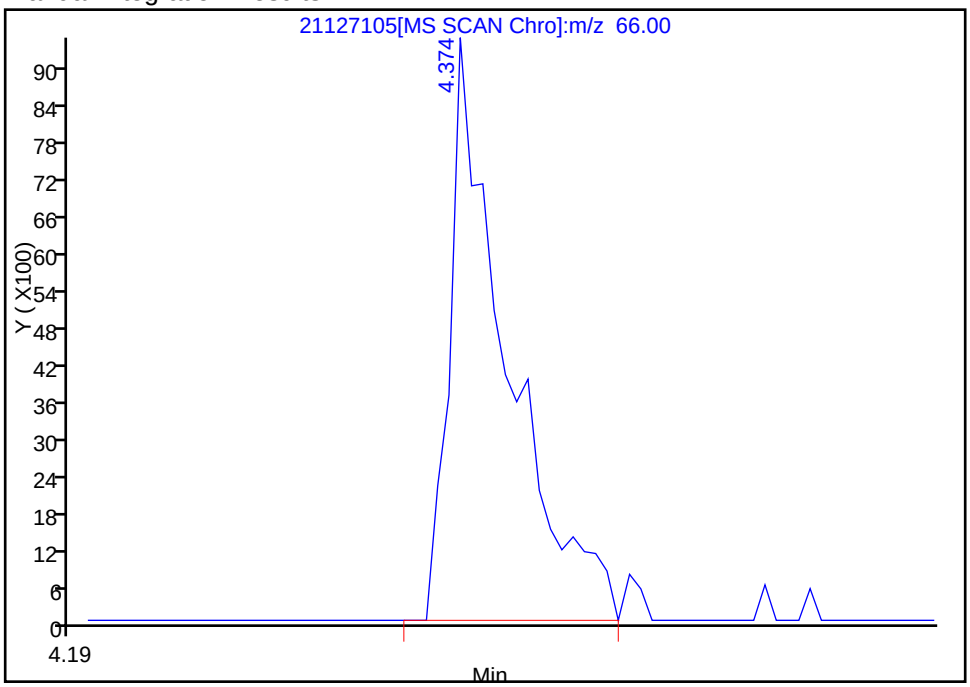
Processing Integration Results

RT: 4.37
Response: 13434
Amount: 0.372401



Manual Integration Results

RT: 4.37
Response: 17593
Amount: 0.441853



Reviewer: ulmanm, 28-Nov-2012 16:45:52
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP9\20121128-15348.b\21127106.D		
Lims ID:	std1 tcl	Client ID:	
Inject. Date:	28-Nov-2012 16:31:30	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	1
Sample ID:	240-0015348-006		
Misc. Info.:	STD1 TCL =STD1 TCL		
Operator:	001574	Instrument ID:	A4HP9
Injection Vol:	1.0 ul	ALS Bottle#:	6
Lims Batch ID:	66620	Lims Sample ID:	6
Sublist:	chrom-8270 _9*sub13		
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP9\20121128-15348.b\8270 _9.m		
Last Update:	29-Nov-2012 07:29:24	Calib Date:	28-Nov-2012 18:11:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP9\20121128-15348.b\21127110.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK030		
First Level Reviewer: ulmanm		Date:	28-Nov-2012 17:07:28

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.917	5.916	0.001	94	72021	4.00	
* 2 Naphthalene-d8	136	7.023	7.027	-0.004	98	277809	4.00	
* 3 Acenaphthene-d10	164	8.519	8.518	0.001	75	170307	4.00	
* 4 Phenanthrene-d10	188	9.780	9.779	0.001	99	288271	4.00	
* 5 Chrysene-d12	240	12.328	12.332	-0.004	75	270094	4.00	
* 6 Perylene-d12	264	14.401	14.405	-0.004	92	225569	4.00	
$ 9 Nitrobenzene-d5	82	6.398	6.397	0.001	16	3551	0.0909	
$ 10 2-Fluorobiphenyl (Surr)	172	7.931	7.935	-0.004	28	4873	0.0942	
$ 12 Terphenyl-d14	244	11.137	11.135	0.002	11	5918	0.1105	
41 Benzaldehyde	77	5.522	5.526	-0.004	46	2676	0.0848	
75 Naphthalene	128	7.044	7.043	0.001	10	6503	0.0930	
87 2-Methylnaphthalene	142	7.632	7.631	0.001	31	4234	0.0913	
88 1-Methylnaphthalene	142	7.718	7.716	0.002	15	4174	0.0938	
98 1,1'-Biphenyl	154	8.022	8.021	0.001	56	5656	0.0976	
100 2-Chloronaphthalene	162	8.043	8.048	-0.005	43	4939	0.1087	
109 Acenaphthylene	152	8.401	8.400	0.001	64	5964	0.0858	
112 Acenaphthene	153	8.546	8.544	0.002	39	4261	0.0949	
116 Dibenzofuran	168	8.690	8.689	0.001	50	5878	0.0924	
126 Fluorene	166	8.978	8.983	-0.005	62	5160	0.0954	
141 Hexachlorobenzene	284	9.448	9.447	0.001	1	1529	0.1012	
148 Phenanthrene	178	9.796	9.800	-0.004	55	9079	0.1122	
149 Anthracene	178	9.844	9.843	0.001	31	6570	0.0832	
159 Fluoranthene	202	10.805	10.810	-0.005	53	8992	0.1001	
161 Pyrene	202	11.019	11.018	0.001	77	9484	0.1032	
177 Benzo[a]anthracene	228	12.317	12.316	0.001	15	8604	0.1070	
178 Chrysene	228	12.360	12.364	-0.004	17	7783	0.1039	
182 Benzo[b]fluoranthene	252	13.824	13.823	0.002	43	6561	0.0889	
183 Benzo[k]fluoranthene	252	13.856	13.865	-0.009	1	8487	0.1085	M
184 Benzo[a]pyrene	252	14.315	14.319	-0.004	1	5681	0.0818	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
188 Indeno[1,2,3-cd]pyrene	276	16.067	16.061	0.006	0	7102	0.0907	M
189 Dibenz(a,h)anthracene	278	16.094	16.093	0.001	0	4288	0.0682	M
190 Benzo[g,h,i]perylene	276	16.500	16.504	-0.004	0	6278	0.0945	M

QC Flag Legend

Review Flags
M - Manually Integrated

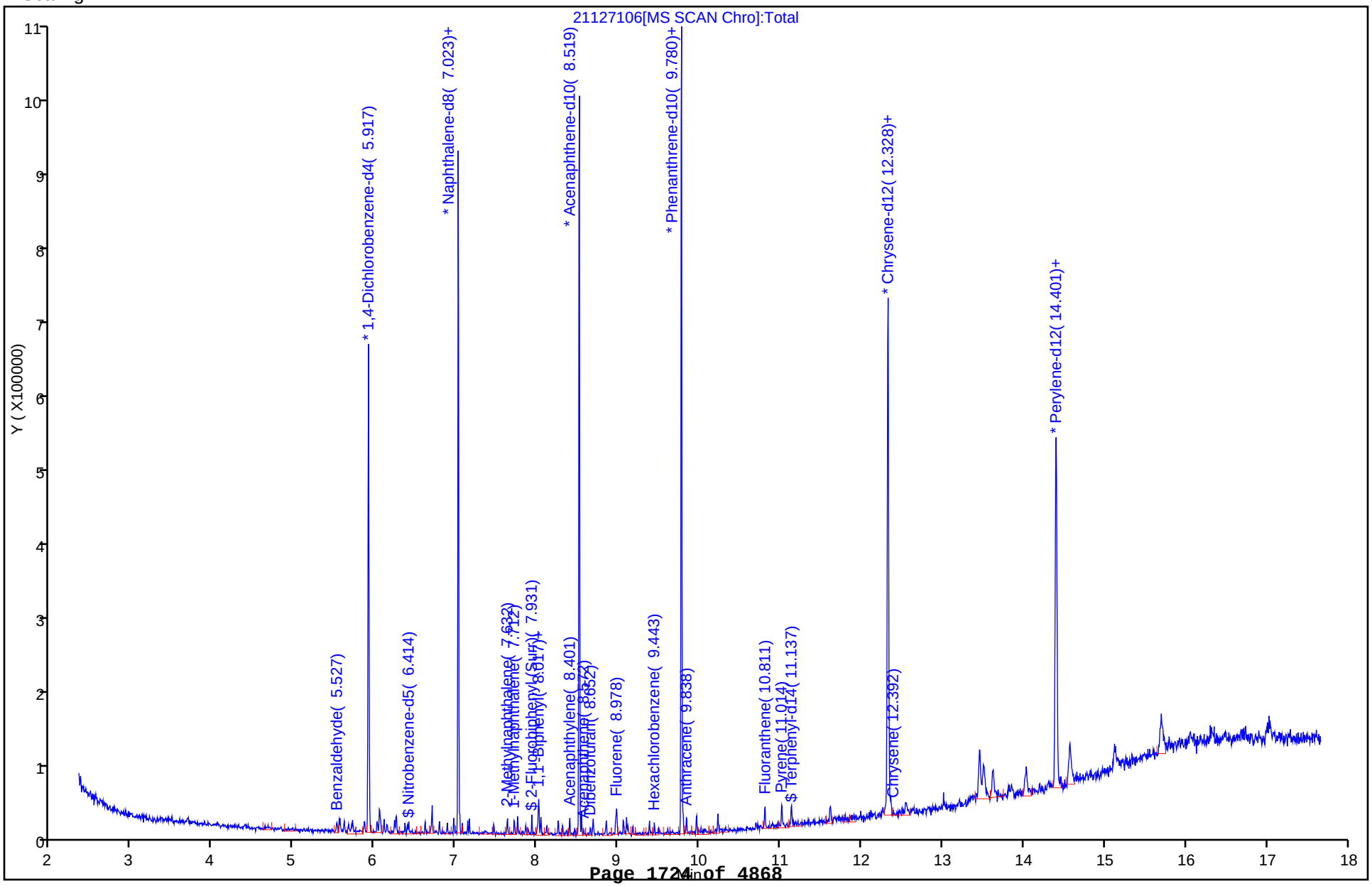
Report Date: 29-Nov-2012 07:29:24 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121128-15348.b\21127106.D

Injection Date:	28-Nov-2012 16:31:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	66620	Lims Sample ID:	6
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



Manual Integration/User Assign Peak Report

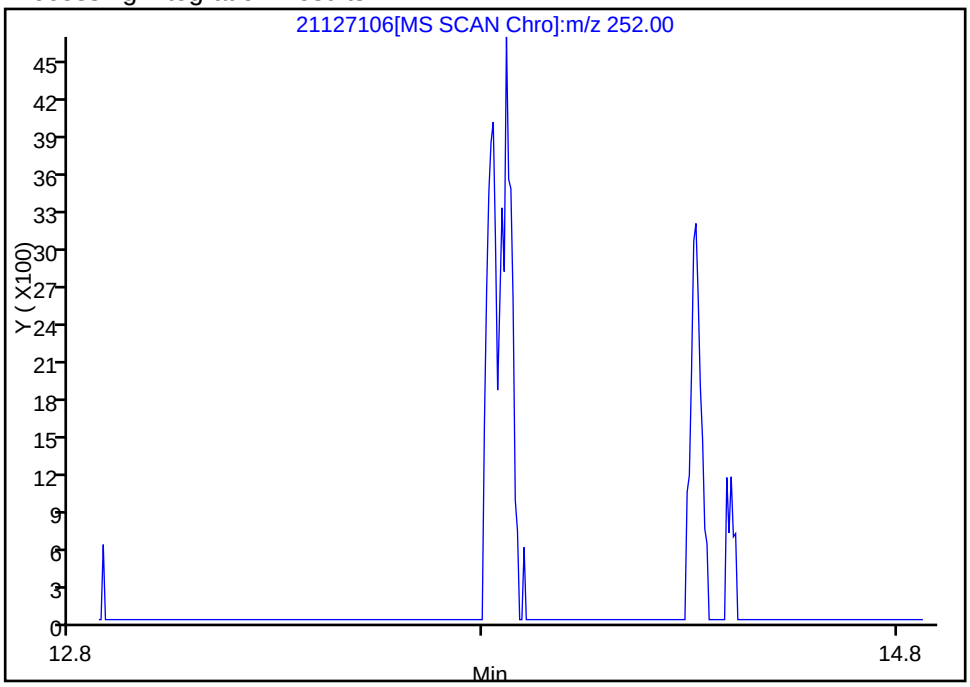
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121128-15348.b\21127106.D		
Injection Date:	28-Nov-2012 16:31:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	66620	Lims Sample ID:	6
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

183 Benzo[k]fluoranthene, Signal: 1, m/z: 252.0 Type: quant, RT: 13.87

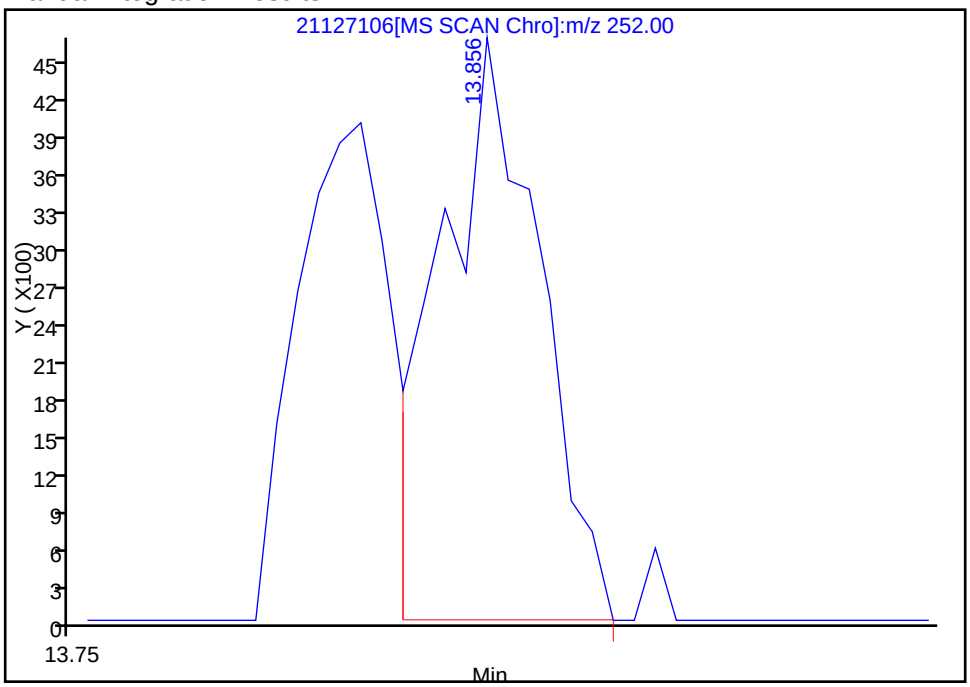
Processing Integration Results

Not Detected
Expected RT: 13.87



Manual Integration Results

RT: 13.86
Response: 8487
Amount: 0.108506



Reviewer: ulmanm, 28-Nov-2012 17:07:28
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

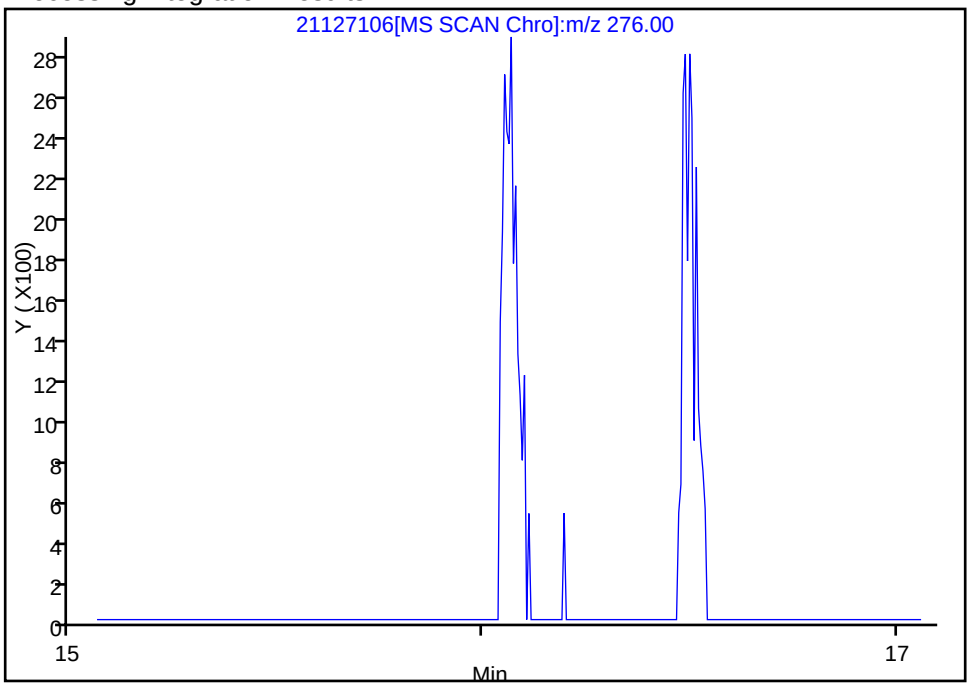
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121128-15348.b\21127106.D		
Injection Date:	28-Nov-2012 16:31:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	66620	Lims Sample ID:	6
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

188 Indeno[1,2,3-cd]pyrene, Signal: 1, m/z: 276.0 Type: quant, RT: 16.06

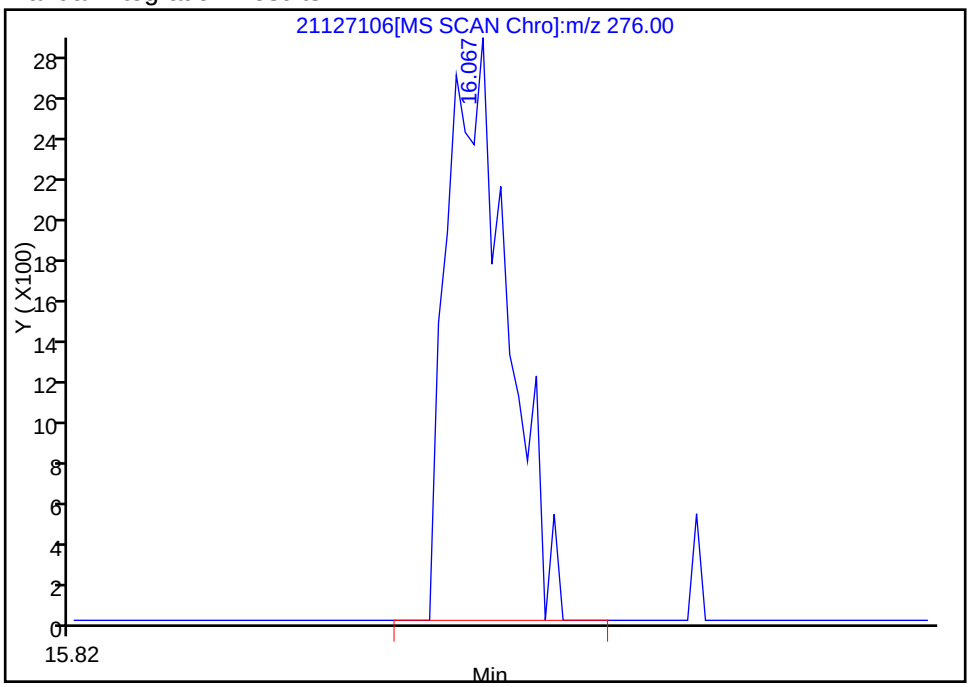
Processing Integration Results

Not Detected
Expected RT: 16.06



Manual Integration Results

RT: 16.07
Response: 7102
Amount: 0.090701



Reviewer: ulmanm, 28-Nov-2012 17:07:28
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

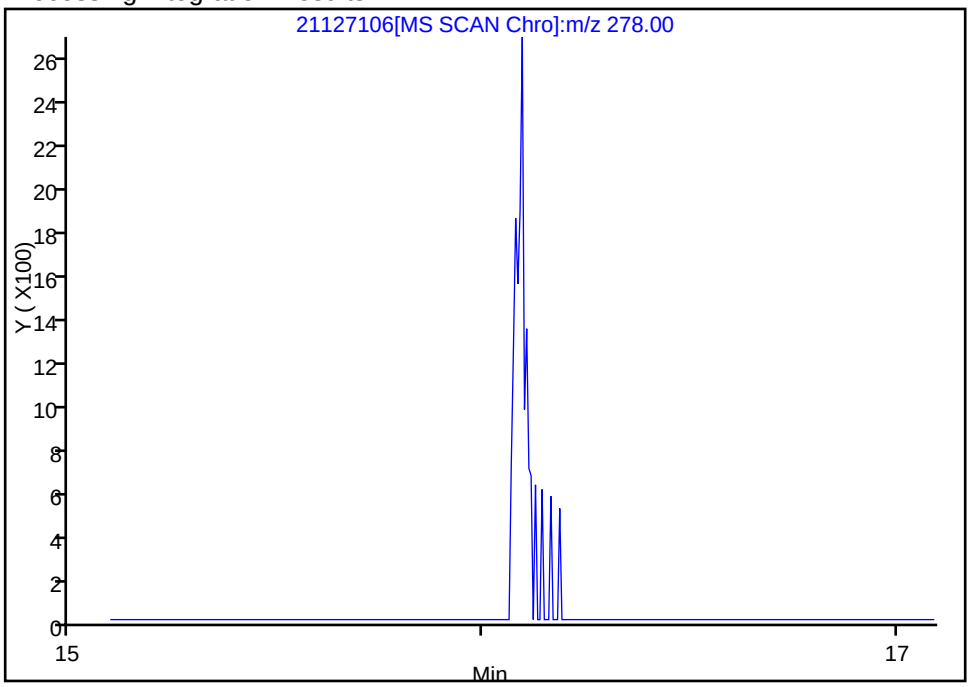
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121128-15348.b\21127106.D		
Injection Date:	28-Nov-2012 16:31:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	66620	Lims Sample ID:	6
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

189 Dibenz(a,h)anthracene, Signal: 1, m/z: 278.0 Type: quant, RT: 16.09

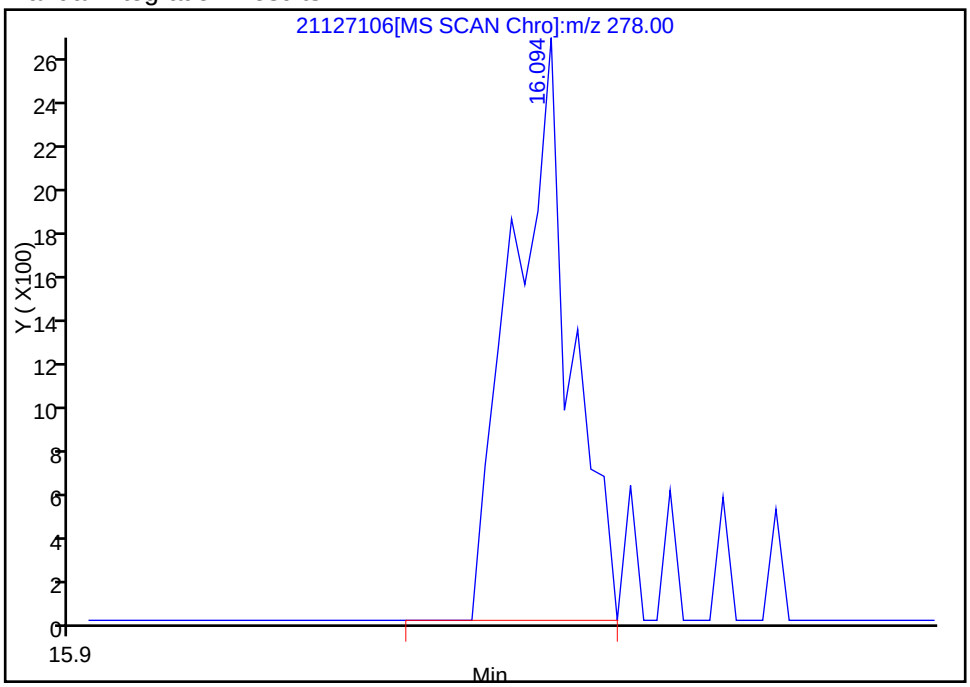
Not Detected
Expected RT: 16.09

Processing Integration Results



Manual Integration Results

RT: 16.09
Response: 4288
Amount: 0.068245



Reviewer: ulmanm, 28-Nov-2012 17:07:28
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

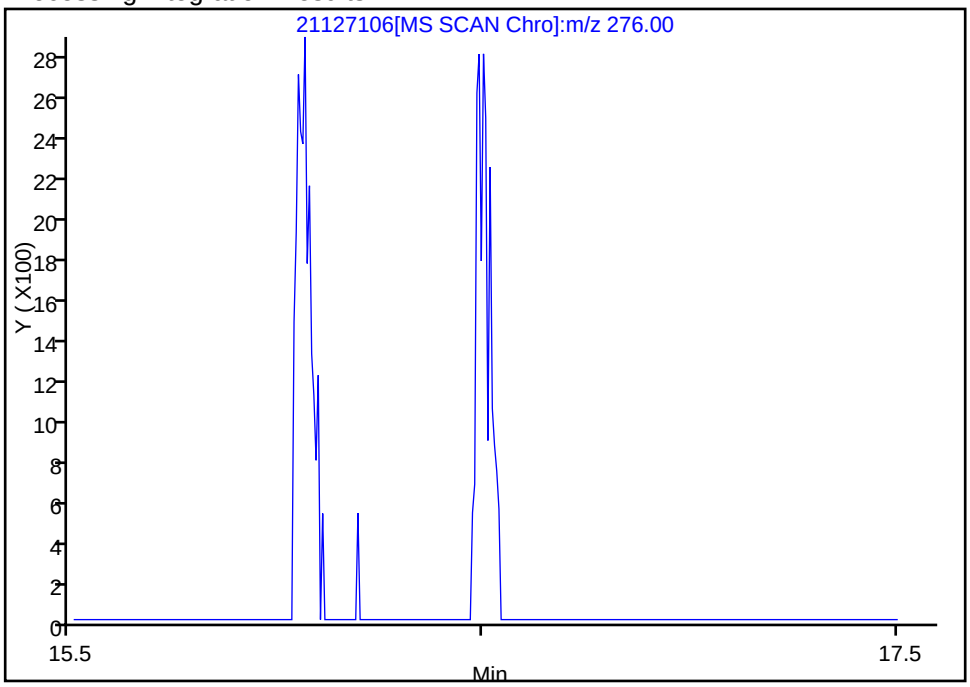
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121128-15348.b\21127106.D		
Injection Date:	28-Nov-2012 16:31:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	66620	Lims Sample ID:	6
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

190 Benzo[g,h,i]perylene, Signal: 1, m/z: 276.0 Type: quant, RT: 16.50

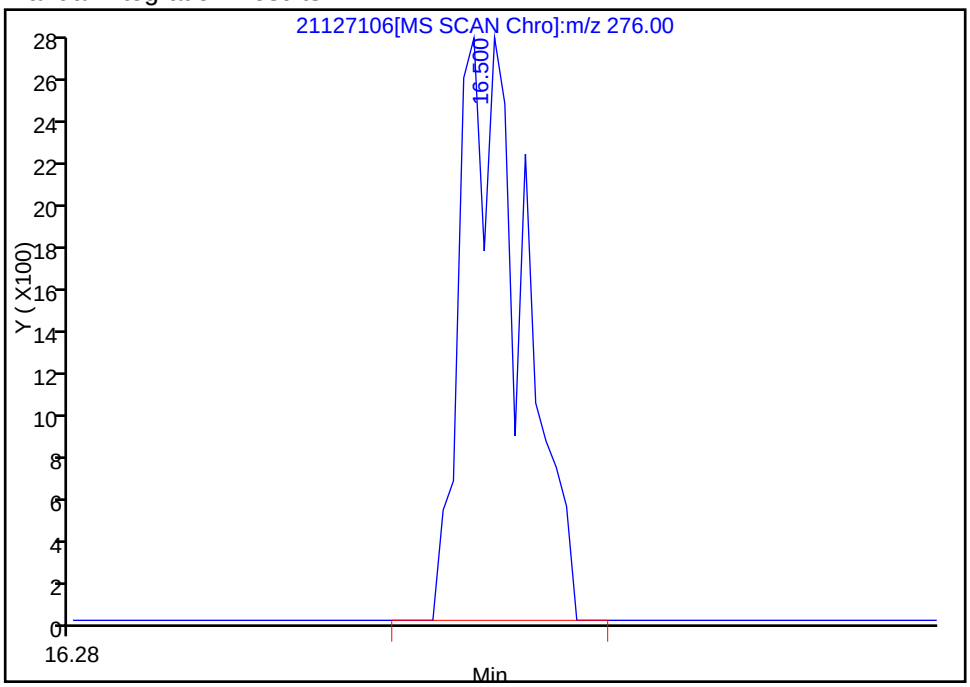
Processing Integration Results

Not Detected
Expected RT: 16.50



Manual Integration Results

RT: 16.50
Response: 6278
Amount: 0.094531



Reviewer: ulmanm, 28-Nov-2012 17:07:28
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP9\20121128-15348.b\21127107.D		
Lims ID:	std9 tcl	Client ID:	
Inject. Date:	28-Nov-2012 16:56:30	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	9
Sample ID:	240-0015348-007		
Misc. Info.:	STD9 TCL =STD9 TCL		
Operator:	001574	Instrument ID:	A4HP9
Injection Vol:	1.0 ul	ALS Bottle#:	7
Lims Batch ID:	66620	Lims Sample ID:	7
Sublist:	chrom-8270 _9*sub13		
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP9\20121128-15348.b\8270 _9.m		
Last Update:	29-Nov-2012 07:29:26	Calib Date:	28-Nov-2012 18:11:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP9\20121128-15348.b\21127110.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK030		
First Level Reviewer: ulmanm		Date:	29-Nov-2012 07:13:39

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.917	5.916	0.001	86	73019	4.00	
* 2 Naphthalene-d8	136	7.028	7.027	0.001	98	285141	4.00	
* 3 Acenaphthene-d10	164	8.518	8.518	0.0	74	185785	4.00	
* 4 Phenanthrene-d10	188	9.779	9.779	0.0	81	326466	4.00	
* 5 Chrysene-d12	240	12.333	12.332	0.001	75	316045	4.00	
* 6 Perylene-d12	264	14.405	14.405	0.0	91	267586	4.00	
$ 7 2-Fluorophenol	112	4.683	4.682	0.001	93	756397	25.7	
$ 8 Phenol-d5	99	5.559	5.558	0.001	0	1043857	25.6	
$ 9 Nitrobenzene-d5	82	6.403	6.397	0.006	82	1073705	26.8	
$ 10 2-Fluorobiphenyl (Surr)	172	7.936	7.935	0.001	99	1438314	25.5	
$ 11 2,4,6-Tribromophenol	330	9.186	9.186	0.0	84	192311	28.7	
$ 12 Terphenyl-d14	244	11.136	11.135	0.001	97	1605373	25.6	
25 1,4-Dioxane	88	2.562	2.561	0.001	75	405106	23.8	
26 N-Nitrosodimethylamine	74	3.021	3.021	0.0	77	616120	26.2	
27 Pyridine	79	3.069	3.074	-0.005	90	1043805	25.9	
28 Ethyl methacrylate	69	3.689	3.688	0.001	80	852797	24.9	
29 3-Chloropropionitrile	54	4.047	4.041	0.006	83	393624	25.7	
33 Malononitrile	66	4.378	4.372	0.006	93	950846	24.8	
41 Benzaldehyde	77		5.526					
43 Phenol	94	5.575	5.569	0.006	96	1143566	25.8	
44 Aniline	93	5.618	5.617	0.001	95	1415975	25.4	
69 Bis(2-chloroethyl)ether	93	5.671	5.670	0.001	96	856943	24.6	
46 2-Chlorophenol	128	5.724	5.724	0.0	90	666915	25.7	
47 1,3-Dichlorobenzene	146	5.869	5.868	0.001	81	707483	25.2	
48 1,4-Dichlorobenzene	146	5.933	5.932	0.001	78	692105	24.7	
49 Benzyl alcohol	108	6.029	6.023	0.006	85	526827	26.5	
50 1,2-Dichlorobenzene	146	6.066	6.066	0.0	76	661731	25.3	
51 2-Methylphenol	108	6.114	6.108	0.006	95	736827	25.9	
53 2,2'-oxybis[1-chloropropane]	45	6.146	6.146	0.0	96	773556	25.2	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
21 3 & 4 Methylphenol	108	6.243	6.242	0.001	91	797645	26.0	
57 N-Nitrosodi-n-propylamine	70	6.264	6.258	0.006	65	742605	25.9	
58 Acetophenone	105	6.264	6.263	0.001	88	1151981	25.3	
61 Hexachloroethane	117	6.371	6.370	0.001	91	320180	24.9	
62 Nitrobenzene	77	6.419	6.413	0.006	72	1082565	25.6	
64 Isophorone	82	6.622	6.616	0.006	94	1998680	27.0	
66 2-Nitrophenol	139	6.691	6.691	0.0	89	349844	24.9	
67 1,3,5-Trichlorobenzene	180	6.702	6.701	0.001	85	642149	25.6	
65 2,4-Dimethylphenol	107	6.707	6.707	0.0	97	876310	26.4	
71 Benzoic acid	122	6.804	6.750	0.054	83	923207	50.3	
70 Bis(2-chloroethoxy)methane	93	6.793	6.792	0.001	99	1062538	26.0	
73 2,4-Dichlorophenol	162	6.889	6.888	0.001	93	544625	27.3	
74 1,2,4-Trichlorobenzene	180	6.974	6.969	0.005	84	637347	25.4	
75 Naphthalene	128	7.044	7.043	0.001	99	1874099	26.1	
76 4-Chloroaniline	127	7.076	7.075	0.001	80	829999	27.1	
79 Hexachlorobutadiene	225	7.140	7.145	-0.005	87	342463	25.5	
80 1,2,3-Trichlorobenzene	180	7.167	7.166	0.001	83	603733	0	
84 Caprolactam	113	7.380	7.353	0.027	81	211754	24.4	
86 4-Chloro-3-methylphenol	107	7.471	7.465	0.006	79	778959	27.4	
87 2-Methylnaphthalene	142	7.632	7.631	0.001	84	1264009	26.6	
88 1-Methylnaphthalene	142	7.717	7.716	0.001	80	1230311	26.9	
89 Hexachlorocyclopentadiene	237	7.760	7.759	0.001	82	391029	28.4	
90 1,2,3,5-Tetrachlorobenzene	216	7.760	7.759	0.001	85	645357	25.1	
92 2,4,6-Trichlorophenol	196	7.861	7.861	0.0	88	419531	26.9	
93 2,4,5-Trichlorophenol	196	7.888	7.887	0.001	89	450733	26.8	
97 2,4-Toluene diamine	121		8.000					
99 1,2,3,4 -Tetrachlorobenzene	216	8.016	8.016	0.0	89	609362	0	
98 1,1'-Biphenyl	154	8.022	8.021	0.001	95	1604900	25.4	
100 2-Chloronaphthalene	162	8.048	8.048	0.0	97	1231169	24.8	
102 2-Nitroaniline	65	8.123	8.117	0.006	73	558592	26.6	
105 Dimethyl phthalate	163	8.267	8.261	0.006	94	1464537	25.6	
107 2,6-Dinitrotoluene	165	8.321	8.315	0.006	79	344636	28.2	
108 1,2-Dinitrobenzene	168	8.374	8.363	0.011	81	163740	26.1	
109 Acenaphthylene	152	8.401	8.400	0.001	86	2027640	26.7	
110 3-Nitroaniline	138	8.470	8.459	0.011	86	372824	27.6	
112 Acenaphthene	153	8.550	8.544	0.006	88	1257695	25.7	
111 2,4-Dinitrophenol	184	8.556	8.550	0.006	82	441770	49.8	
113 4-Nitrophenol	109	8.582	8.571	0.011	85	278761	24.9	
114 2,4-Dinitrotoluene	165	8.663	8.657	0.006	80	446847	27.6	
116 Dibenzofuran	168	8.695	8.689	0.006	83	1794844	25.9	
118 2,3,5,6-Tetrachlorophenol	232	8.748	8.747	0.001	83	375284	24.9	
121 Diethyl phthalate	149	8.855	8.854	0.001	94	1468998	26.2	
123 4-Chlorophenyl phenyl ether	204	8.972	8.972	0.0	92	783756	25.9	
125 4-Nitroaniline	138	8.988	8.977	0.011	76	382179	27.6	
126 Fluorene	166	8.983	8.983	0.0	80	1517377	25.7	
128 4,6-Dinitro-2-methylphenol	198	9.004	9.004	0.0	66	289614	24.9	
131 N-Nitrosodiphenylamine	169	9.069	9.063	0.006	94	1120762	25.8	
132 1,2-Diphenylhydrazine	77	9.106	9.105	0.001	99	2498295	25.8	
133 Azobenzene	77	9.106	9.105	0.001	94	2498295	25.8	
139 4-Bromophenyl phenyl ether	248	9.389	9.389	0.0	68	427577	25.7	
141 Hexachlorobenzene	284	9.448	9.447	0.001	82	438285	25.6	
142 Atrazine	200	9.501	9.495	0.006	82	324096	24.0	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
143 Pentachlorophenol	266	9.608	9.602	0.006	79	637563	49.9	
148 Phenanthrene	178	9.800	9.800	0.0	83	2300922	25.1	
149 Anthracene	178	9.843	9.843	0.0	87	2411339	27.0	
151 Carbazole	167	9.966	9.965	0.001	80	2097201	26.3	
154 Di-n-butyl phthalate	149	10.233	10.233	0.0	100	2605361	26.4	
159 Fluoranthene	202	10.810	10.810	0.0	83	2716233	26.7	
160 Benzidine	184	10.906	10.906	0.0	88	1573686	24.8	
161 Pyrene	202	11.024	11.018	0.006	94	2792229	26.0	
168 Butyl benzyl phthalate	149	11.617	11.616	0.001	89	1185992	27.2	
172 3,3'-Dimethoxybenzidine	244	12.226	12.225	0.001	82	708035	24.9	
175 3,3'-Dichlorobenzidine	252	12.269	12.263	0.005	69	953116	27.6	
174 4,4'-Methylene bis(2-chloroanili	231	12.269	12.263	0.005	74	466170	24.7	
173 Bis(2-ethylhexyl) phthalate	149	12.295	12.295	0.0	95	1642161	27.0	
177 Benzo[a]anthracene	228	12.322	12.316	0.006	82	2419423	25.7	
178 Chrysene	228	12.370	12.364	0.006	87	2264460	25.8	
180 Di-n-octyl phthalate	149	13.209	13.208	0.001	100	2856369	24.8	
182 Benzo[b]fluoranthene	252	13.828	13.823	0.006	86	2378707	27.2	
183 Benzo[k]fluoranthene	252	13.871	13.865	0.006	79	2414563	26.0	
184 Benzo[a]pyrene	252	14.325	14.319	0.006	76	2289506	27.8	
188 Indeno[1,2,3-cd]pyrene	276	16.077	16.061	0.016	80	2536723	27.3	
189 Dibenz(a,h)anthracene	278	16.104	16.093	0.011	54	2102157	28.2	
190 Benzo[g,h,i]perylene	276	16.526	16.504	0.022	77	2144137	27.2	
S 191 Methyl Phenols,Total	100				0		51.9	

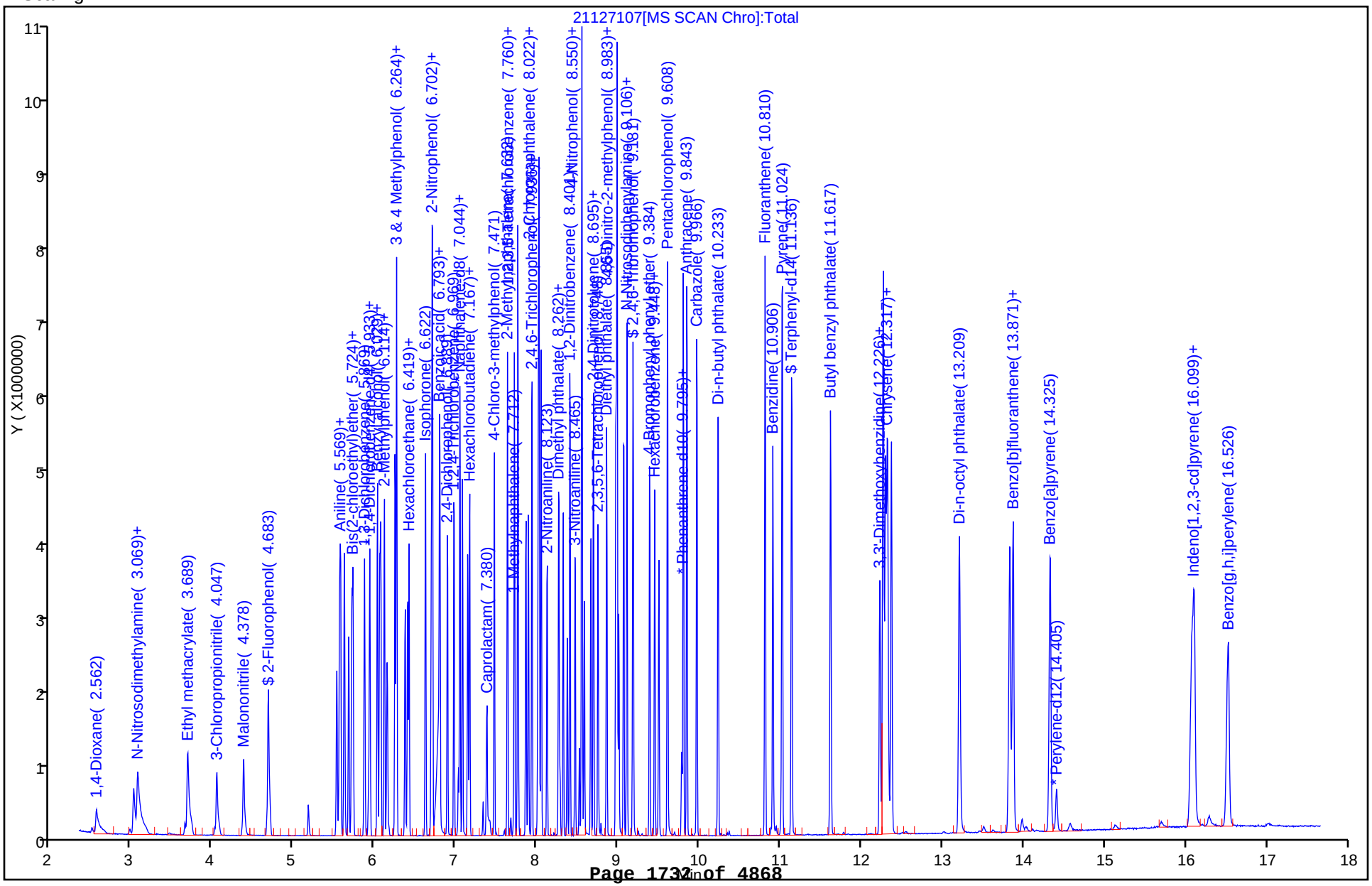
Report Date: 29-Nov-2012 07:29:26 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121128-15348.b\21127107.D

Injection Date:	28-Nov-2012 16:56:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	66620	Lims Sample ID:	7
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP9\20121128-15348.b\21127108.D		
Lims ID:	std8 tcl	Client ID:	
Inject. Date:	28-Nov-2012 17:21:30	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	8
Sample ID:	240-0015348-008		
Misc. Info.:	STD8 TCL =STD8 TCL		
Operator:	001574	Instrument ID:	A4HP9
Injection Vol:	1.0 ul	ALS Bottle#:	8
Lims Batch ID:	66620	Lims Sample ID:	8
Sublist:	chrom-8270 _9*sub13		
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP9\20121128-15348.b\8270 _9.m		
Last Update:	29-Nov-2012 07:29:27	Calib Date:	28-Nov-2012 18:11:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP9\20121128-15348.b\21127110.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK030		
First Level Reviewer: ulmanm		Date:	29-Nov-2012 07:15:39

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.918	5.916	0.002	93	76740	4.00	
* 2 Naphthalene-d8	136	7.024	7.027	-0.003	98	311040	4.00	
* 3 Acenaphthene-d10	164	8.519	8.518	0.001	74	199353	4.00	
* 4 Phenanthrene-d10	188	9.780	9.779	0.001	96	351204	4.00	
* 5 Chrysene-d12	240	12.334	12.332	0.002	71	333578	4.00	
* 6 Perylene-d12	264	14.406	14.405	0.001	88	281516	4.00	
$ 7 2-Fluorophenol	112	4.678	4.682	-0.004	93	658522	21.3	
$ 8 Phenol-d5	99	5.560	5.558	0.002	0	911350	21.3	
$ 9 Nitrobenzene-d5	82	6.399	6.397	0.002	82	934832	21.4	
$ 10 2-Fluorobiphenyl (Surr)	172	7.932	7.935	-0.003	99	1250611	20.6	
$ 11 2,4,6-Tribromophenol	330	9.187	9.186	0.001	90	163782	22.8	
$ 12 Terphenyl-d14	244	11.137	11.135	0.002	97	1398763	21.1	
25 1,4-Dioxane	88	2.558	2.561	-0.003	77	355297	19.8	
26 N-Nitrosodimethylamine	74	3.022	3.021	0.001	76	534424	21.6	
27 Pyridine	79	3.070	3.074	-0.004	90	913493	21.6	
28 Ethyl methacrylate	69	3.685	3.688	-0.003	79	750814	20.9	
29 3-Chloropropionitrile	54	4.043	4.041	0.002	85	328883	20.5	
33 Malononitrile	66	4.374	4.372	0.002	93	861369	21.3	
41 Benzaldehyde	77		5.526					
43 Phenol	94	5.571	5.569	0.002	93	993299	21.3	
44 Aniline	93	5.619	5.617	0.002	96	1236107	21.1	
69 Bis(2-chloroethyl)ether	93	5.672	5.670	0.002	97	767694	21.0	
46 2-Chlorophenol	128	5.725	5.724	0.001	92	583931	21.4	
47 1,3-Dichlorobenzene	146	5.870	5.868	0.002	82	618353	21.0	
48 1,4-Dichlorobenzene	146	5.934	5.932	0.002	78	601490	20.4	
49 Benzyl alcohol	108	6.025	6.023	0.002	84	455955	21.8	
50 1,2-Dichlorobenzene	146	6.067	6.066	0.001	86	577057	21.0	
51 2-Methylphenol	108	6.110	6.108	0.002	95	646184	21.6	
53 2,2'-oxybis[1-chloropropane]	45	6.147	6.146	0.001	96	685061	21.3	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
21 3 & 4 Methylphenol	108	6.244	6.242	0.002	91	687308	21.3	
57 N-Nitrosodi-n-propylamine	70	6.260	6.258	0.002	69	639809	21.2	
58 Acetophenone	105	6.265	6.263	0.002	87	999660	20.9	
61 Hexachloroethane	117	6.367	6.370	-0.003	91	283986	21.0	
62 Nitrobenzene	77	6.415	6.413	0.002	73	964711	20.9	
64 Isophorone	82	6.618	6.616	0.002	94	1751961	21.7	
66 2-Nitrophenol	139	6.692	6.691	0.001	90	307297	20.4	
67 1,3,5-Trichlorobenzene	180	6.703	6.701	0.002	86	560211	20.5	
65 2,4-Dimethylphenol	107	6.708	6.707	0.001	95	767443	21.2	
71 Benzoic acid	122	6.794	6.750	0.044	80	734764	39.3	M
70 Bis(2-chloroethoxy)methane	93	6.794	6.792	0.002	98	934845	21.0	
73 2,4-Dichlorophenol	162	6.890	6.888	0.002	92	471092	21.6	
74 1,2,4-Trichlorobenzene	180	6.970	6.969	0.001	80	555165	20.3	
75 Naphthalene	128	7.045	7.043	0.002	98	1643990	21.0	
76 4-Chloroaniline	127	7.077	7.075	0.002	78	716754	21.4	
79 Hexachlorobutadiene	225	7.141	7.145	-0.004	87	299500	20.4	
80 1,2,3-Trichlorobenzene	180	7.163	7.166	-0.004	83	519102	0	
84 Caprolactam	113	7.376	7.353	0.023	83	203040	21.5	
86 4-Chloro-3-methylphenol	107	7.467	7.465	0.002	81	682844	22.0	
87 2-Methylnaphthalene	142	7.633	7.631	0.002	83	1116058	21.5	
88 1-Methylnaphthalene	142	7.718	7.716	0.002	79	1066693	21.4	
89 Hexachlorocyclopentadiene	237	7.761	7.759	0.002	84	324629	21.9	
90 1,2,3,5-Tetrachlorobenzene	216	7.761	7.759	0.002	85	547907	19.9	
92 2,4,6-Trichlorophenol	196	7.857	7.861	-0.004	88	363557	21.7	
93 2,4,5-Trichlorophenol	196	7.889	7.887	0.002	90	393727	21.8	
97 2,4-Toluene diamine	121	8.007	8.000	0.007	96	286883	17.3	
99 1,2,3,4 -Tetrachlorobenzene	216	8.012	8.016	-0.004	86	535709	0	
98 1,1'-Biphenyl	154	8.023	8.021	0.002	95	1384659	20.4	
100 2-Chloronaphthalene	162	8.049	8.048	0.001	97	1064479	20.0	
102 2-Nitroaniline	65	8.119	8.117	0.002	71	498174	22.1	
105 Dimethyl phthalate	163	8.263	8.261	0.002	92	1276318	20.8	
107 2,6-Dinitrotoluene	165	8.316	8.315	0.001	77	297162	22.7	
108 1,2-Dinitrobenzene	168	8.370	8.363	0.007	81	145471	21.6	
109 Acenaphthylene	152	8.402	8.400	0.002	86	1744131	21.4	
110 3-Nitroaniline	138	8.466	8.459	0.007	85	325398	22.5	
112 Acenaphthene	153	8.546	8.544	0.002	89	1085784	20.7	
111 2,4-Dinitrophenol	184	8.551	8.550	0.001	75	374807	40.5	
113 4-Nitrophenol	109	8.578	8.571	0.007	88	241043	20.3	
114 2,4-Dinitrotoluene	165	8.664	8.657	0.007	79	395734	22.8	
116 Dibenzofuran	168	8.690	8.689	0.001	85	1554052	20.9	
118 2,3,5,6-Tetrachlorophenol	232	8.749	8.747	0.002	85	320872	20.1	
121 Diethyl phthalate	149	8.856	8.854	0.002	95	1286395	21.4	
123 4-Chlorophenyl phenyl ether	204	8.968	8.972	-0.004	93	687230	21.2	
125 4-Nitroaniline	138	8.984	8.977	0.007	66	333928	22.5	
126 Fluorene	166	8.984	8.983	0.001	79	1298446	20.5	
128 4,6-Dinitro-2-methylphenol	198	9.006	9.004	0.002	72	249258	20.2	
131 N-Nitrosodiphenylamine	169	9.064	9.063	0.001	99	966285	20.6	
132 1,2-Diphenylhydrazine	77	9.107	9.105	0.002	99	2187663	21.0	
133 Azobenzene	77	9.107	9.105	0.002	94	2187490	21.0	
139 4-Bromophenyl phenyl ether	248	9.385	9.389	-0.004	65	375132	21.0	
141 Hexachlorobenzene	284	9.449	9.447	0.002	82	377444	20.5	
142 Atrazine	200	9.497	9.495	0.002	83	290205	20.0	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
143 Pentachlorophenol	266	9.604	9.602	0.002	77	541769	40.2	
148 Phenanthrene	178	9.802	9.800	0.002	83	1985695	20.1	
149 Anthracene	178	9.844	9.843	0.001	82	2085957	21.7	
151 Carbazole	167	9.967	9.965	0.002	80	1817601	21.2	
154 Di-n-butyl phthalate	149	10.229	10.233	-0.004	100	2295987	21.6	
159 Fluoranthene	202	10.811	10.810	0.001	83	2360197	21.6	
160 Benzidine	184	10.907	10.906	0.001	87	1349688	20.5	
161 Pyrene	202	11.020	11.018	0.002	89	2436115	21.5	
168 Butyl benzyl phthalate	149	11.618	11.616	0.002	89	1033358	22.4	
172 3,3'-Dimethoxybenzidine	244	12.227	12.225	0.002	89	593357	20.4	
175 3,3'-Dichlorobenzidine	252	12.264	12.263	0.001	68	830632	22.8	
174 4,4'-Methylene bis(2-chloroanili	231	12.270	12.263	0.007	66	415259	20.8	
173 Bis(2-ethylhexyl) phthalate	149	12.296	12.295	0.001	95	1437239	22.4	
177 Benzo[a]anthracene	228	12.318	12.316	0.002	90	2111325	21.3	
178 Chrysene	228	12.366	12.364	0.002	87	1909006	20.6	
180 Di-n-octyl phthalate	149	13.204	13.208	-0.004	99	2435535	20.5	
182 Benzo[b]fluoranthene	252	13.824	13.823	0.002	86	1996663	21.7	
183 Benzo[k]fluoranthene	252	13.867	13.865	0.002	85	2092396	21.4	
184 Benzo[a]pyrene	252	14.326	14.319	0.007	77	1943690	22.4	
188 Indeno[1,2,3-cd]pyrene	276	16.073	16.061	0.012	78	2196361	22.5	
189 Dibenz(a,h)anthracene	278	16.100	16.093	0.007	49	1797257	22.9	
190 Benzo[g,h,i]perylene	276	16.522	16.504	0.018	79	1820562	22.0	
S 191 Methyl Phenols,Total	100				0		42.9	

QC Flag Legend

Review Flags
M - Manually Integrated

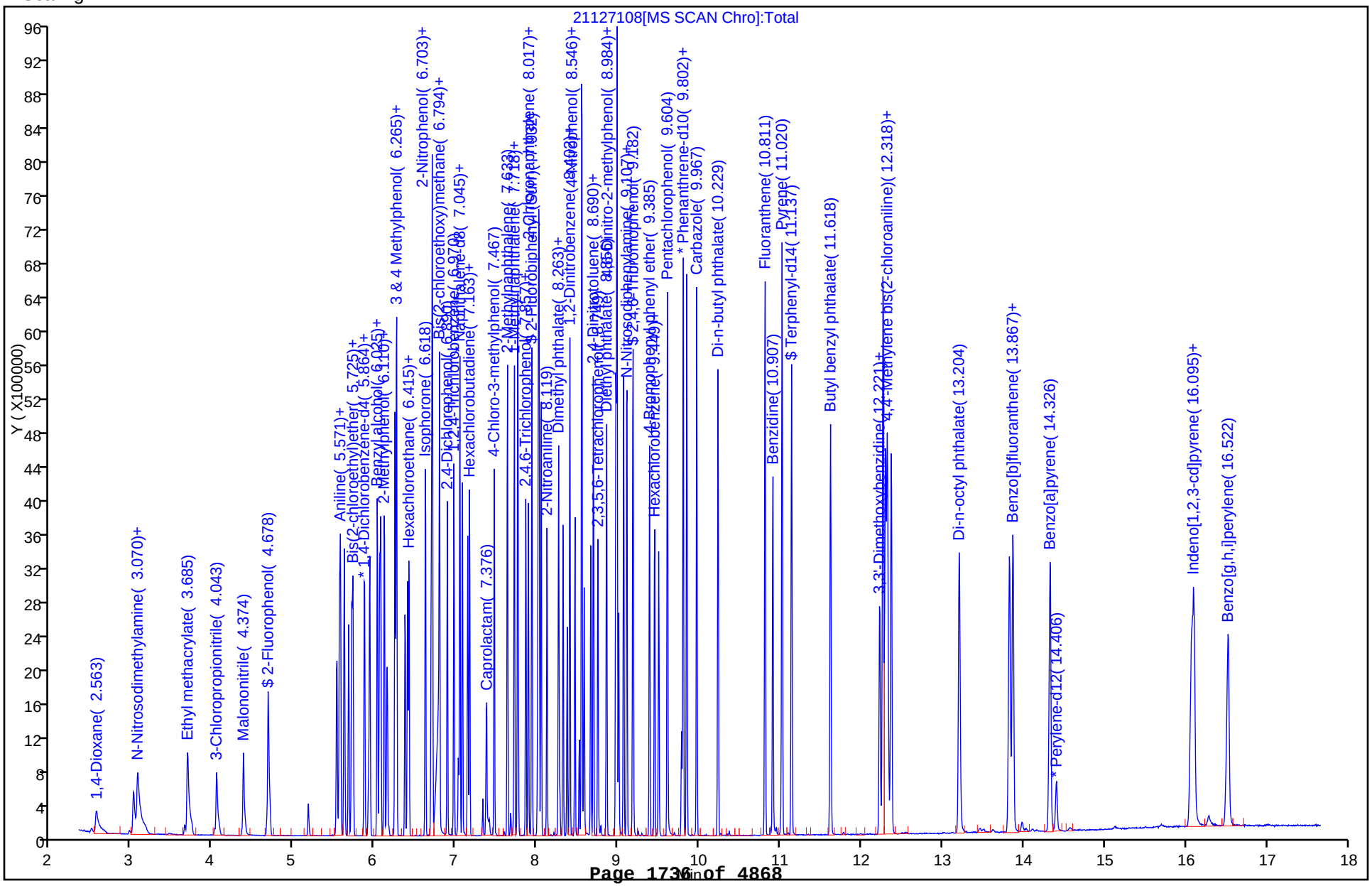
Report Date: 29-Nov-2012 07:29:27 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121128-15348.b\21127108.D

Injection Date:	28-Nov-2012 17:21:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	66620	Lims Sample ID:	8
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



Manual Integration/User Assign Peak Report

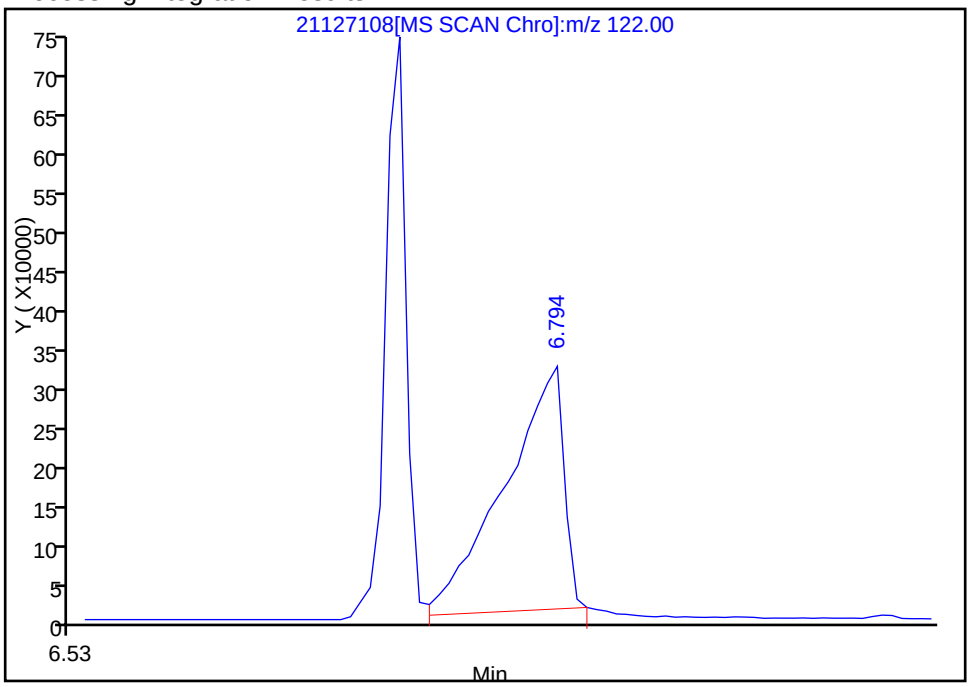
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121128-15348.b\21127108.D		
Injection Date:	28-Nov-2012 17:21:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	66620	Lims Sample ID:	8
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

71 Benzoic acid, Signal: 1, m/z: 122.0 Type: quant, RT: 6.75

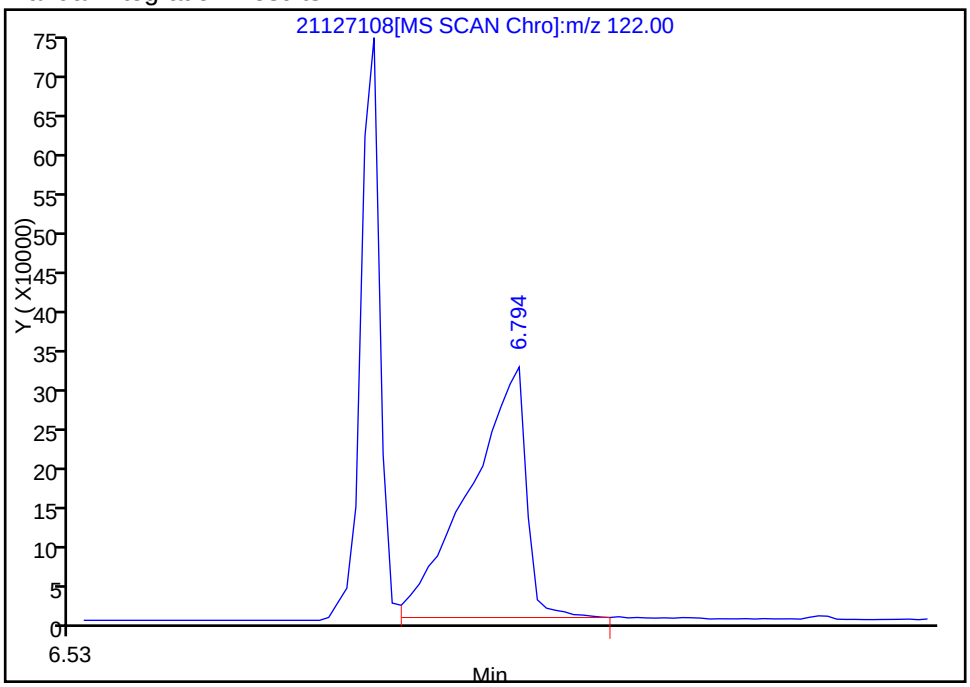
Processing Integration Results

RT: 6.79
Response: 688735
Amount: 37.974022



Manual Integration Results

RT: 6.79
Response: 734764
Amount: 39.340558



Reviewer: ulmanm, 29-Nov-2012 07:15:39
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP9\20121128-15348.b\21127109.D		
Lims ID:	std7 tcl	Client ID:	
Inject. Date:	28-Nov-2012 17:46:30	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	7
Sample ID:	240-0015348-009		
Misc. Info.:	STD7 TCL =STD7 TCL		
Operator:	001574	Instrument ID:	A4HP9
Injection Vol:	1.0 ul	ALS Bottle#:	9
Lims Batch ID:	66620	Lims Sample ID:	9
Sublist:	chrom-8270 _9*sub13		
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP9\20121128-15348.b\8270 _9.m		
Last Update:	29-Nov-2012 07:29:29	Calib Date:	28-Nov-2012 18:11:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP9\20121128-15348.b\21127110.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK030		
First Level Reviewer: ulmanm		Date:	29-Nov-2012 07:17:35

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.917	5.916	0.001	94	79292	4.00	
* 2 Naphthalene-d8	136	7.023	7.027	-0.004	98	317890	4.00	
* 3 Acenaphthene-d10	164	8.519	8.518	0.001	77	201823	4.00	
* 4 Phenanthrene-d10	188	9.779	9.779	0.0	93	348517	4.00	
* 5 Chrysene-d12	240	12.333	12.332	0.001	67	340027	4.00	
* 6 Perylene-d12	264	14.400	14.405	-0.005	91	282541	4.00	
$ 7 2-Fluorophenol	112	4.683	4.682	0.001	93	474224	14.9	
$ 8 Phenol-d5	99	5.559	5.558	0.001	0	673413	15.2	
$ 9 Nitrobenzene-d5	82	6.398	6.397	0.001	82	681304	15.2	
$ 10 2-Fluorobiphenyl (Surr)	172	7.931	7.935	-0.004	99	908924	14.8	
$ 11 2,4,6-Tribromophenol	330	9.181	9.186	-0.005	77	122459	16.8	
$ 12 Terphenyl-d14	244	11.136	11.135	0.001	97	997869	14.8	
25 1,4-Dioxane	88	2.562	2.561	0.001	87	261639	14.1	
26 N-Nitrosodimethylamine	74	3.021	3.021	0.0	79	388580	15.2	
27 Pyridine	79	3.070	3.074	-0.004	91	648010	14.8	
28 Ethyl methacrylate	69	3.684	3.688	-0.004	79	550847	14.8	
29 3-Chloropropionitrile	54	4.042	4.041	0.001	87	242996	14.6	
33 Malononitrile	66	4.373	4.372	0.001	79	644578	15.5	
41 Benzaldehyde	77	5.527	5.526	0.001	86	454179	13.1	
43 Phenol	94	5.570	5.569	0.001	96	731493	15.2	
44 Aniline	93	5.618	5.617	0.001	94	895289	14.8	
69 Bis(2-chloroethyl)ether	93	5.671	5.670	0.001	98	563847	14.9	
46 2-Chlorophenol	128	5.725	5.724	0.001	91	424368	15.1	
47 1,3-Dichlorobenzene	146	5.869	5.868	0.001	82	455665	15.0	
48 1,4-Dichlorobenzene	146	5.933	5.932	0.001	78	442671	14.5	
49 Benzyl alcohol	108	6.024	6.023	0.001	84	326587	15.1	
50 1,2-Dichlorobenzene	146	6.066	6.066	0.0	78	424364	14.9	
51 2-Methylphenol	108	6.109	6.108	0.001	94	470688	15.3	
53 2,2'-oxybis[1-chloropropane]	45	6.147	6.146	0.001	98	492649	14.8	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
21 3 & 4 Methylphenol	108	6.243	6.242	0.001	91	503617	15.1	
57 N-Nitrosodi-n-propylamine	70	6.259	6.258	0.001	70	466536	15.0	
58 Acetophenone	105	6.264	6.263	0.001	87	743491	15.1	
61 Hexachloroethane	117	6.366	6.370	-0.004	90	204090	14.6	
62 Nitrobenzene	77	6.414	6.413	0.001	73	711306	15.1	
64 Isophorone	82	6.617	6.616	0.001	95	1258699	15.2	
66 2-Nitrophenol	139	6.692	6.691	0.001	91	217941	14.6	
67 1,3,5-Trichlorobenzene	180	6.702	6.701	0.001	86	400660	14.3	
65 2,4-Dimethylphenol	107	6.708	6.707	0.001	95	551016	14.9	
71 Benzoic acid	122	6.782	6.750	0.032	83	536995	30.0	
70 Bis(2-chloroethoxy)methane	93	6.793	6.792	0.001	93	674068	14.8	
73 2,4-Dichlorophenol	162	6.889	6.888	0.001	92	332736	14.9	
74 1,2,4-Trichlorobenzene	180	6.969	6.969	0.0	82	406078	14.5	
75 Naphthalene	128	7.044	7.043	0.001	99	1180280	14.7	
76 4-Chloroaniline	127	7.076	7.075	0.001	79	515808	15.1	
79 Hexachlorobutadiene	225	7.140	7.145	-0.005	88	218370	14.6	
80 1,2,3-Trichlorobenzene	180	7.162	7.166	-0.004	82	370368	0	
84 Caprolactam	113	7.365	7.353	0.012	79	135976	14.0	
86 4-Chloro-3-methylphenol	107	7.466	7.465	0.001	80	497780	15.7	
87 2-Methylnaphthalene	142	7.632	7.631	0.001	86	800908	15.1	
88 1-Methylnaphthalene	142	7.717	7.716	0.001	79	774461	15.2	
89 Hexachlorocyclopentadiene	237	7.760	7.759	0.001	86	225731	15.1	
90 1,2,3,5-Tetrachlorobenzene	216	7.760	7.759	0.001	85	402521	14.4	
92 2,4,6-Trichlorophenol	196	7.856	7.861	-0.005	88	257156	15.2	
93 2,4,5-Trichlorophenol	196	7.888	7.887	0.001	89	282094	15.4	
97 2,4-Toluene diamine	121	8.000	8.000	0.0	95	220979	13.1	
99 1,2,3,4 -Tetrachlorobenzene	216	8.016	8.016	0.0	82	387407	0	
98 1,1'-Biphenyl	154	8.022	8.021	0.001	95	1000335	14.6	
100 2-Chloronaphthalene	162	8.048	8.048	0.0	97	776210	14.4	
102 2-Nitroaniline	65	8.118	8.117	0.001	71	350411	15.4	
105 Dimethyl phthalate	163	8.262	8.261	0.001	94	935313	15.0	
107 2,6-Dinitrotoluene	165	8.316	8.315	0.001	78	214827	16.2	
108 1,2-Dinitrobenzene	168	8.369	8.363	0.006	76	103390	15.2	
109 Acenaphthylene	152	8.401	8.400	0.001	86	1252040	15.2	
110 3-Nitroaniline	138	8.465	8.459	0.006	85	234681	16.0	
112 Acenaphthene	153	8.545	8.544	0.001	89	790126	14.9	
111 2,4-Dinitrophenol	184	8.551	8.550	0.001	75	268701	29.9	
113 4-Nitrophenol	109	8.577	8.571	0.006	86	170997	14.5	
114 2,4-Dinitrotoluene	165	8.657	8.657	0.0	74	287352	16.3	
116 Dibenzofuran	168	8.689	8.689	0.0	85	1124362	14.9	
118 2,3,5,6-Tetrachlorophenol	232	8.748	8.747	0.001	84	237210	14.9	
121 Diethyl phthalate	149	8.855	8.854	0.001	95	912414	15.0	
123 4-Chlorophenyl phenyl ether	204	8.967	8.972	-0.005	93	487770	14.9	
125 4-Nitroaniline	138	8.983	8.977	0.006	60	239649	15.9	
126 Fluorene	166	8.983	8.983	0.0	72	936852	14.6	
128 4,6-Dinitro-2-methylphenol	198	9.005	9.004	0.001	78	180170	15.0	
131 N-Nitrosodiphenylamine	169	9.063	9.063	0.0	95	709920	15.3	
132 1,2-Diphenylhydrazine	77	9.106	9.105	0.001	99	1575729	15.2	
133 Azobenzene	77	9.106	9.105	0.001	94	1575729	15.2	
139 4-Bromophenyl phenyl ether	248	9.384	9.389	-0.005	66	265835	15.0	
141 Hexachlorobenzene	284	9.448	9.447	0.001	81	267865	14.7	
142 Atrazine	200	9.496	9.495	0.001	83	220373	15.3	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
143 Pentachlorophenol	266	9.603	9.602	0.001	77	390274	30.0	
148 Phenanthrene	178	9.801	9.800	0.001	83	1453176	14.9	
149 Anthracene	178	9.843	9.843	0.0	84	1515953	15.9	
151 Carbazole	167	9.966	9.965	0.001	83	1302730	15.3	
154 Di-n-butyl phthalate	149	10.228	10.233	-0.005	100	1659930	15.7	
159 Fluoranthene	202	10.810	10.810	0.0	83	1668484	15.4	
160 Benzidine	184	10.906	10.906	0.0	87	967116	14.8	
161 Pyrene	202	11.019	11.018	0.001	94	1734384	15.0	
168 Butyl benzyl phthalate	149	11.617	11.616	0.001	88	733622	15.6	
172 3,3'-Dimethoxybenzidine	244	12.221	12.225	-0.004	80	418235	14.7	
175 3,3'-Dichlorobenzidine	252	12.263	12.263	0.0	68	596011	16.1	
174 4,4'-Methylene bis(2-chloroanili	231	12.263	12.263	0.0	69	294475	14.5	
173 Bis(2-ethylhexyl) phthalate	149	12.295	12.295	0.0	95	1023233	15.6	
177 Benzo[a]anthracene	228	12.317	12.316	0.001	84	1510135	14.9	
178 Chrysene	228	12.365	12.364	0.001	86	1379861	14.6	
180 Di-n-octyl phthalate	149	13.204	13.208	-0.004	100	1715436	14.7	
182 Benzo[b]fluoranthene	252	13.823	13.823	0.001	85	1449320	15.7	
183 Benzo[k]fluoranthene	252	13.866	13.865	0.001	85	1440933	14.7	
184 Benzo[a]pyrene	252	14.325	14.319	0.006	76	1387762	15.9	
188 Indeno[1,2,3-cd]pyrene	276	16.067	16.061	0.006	74	1577064	16.1	
189 Dibenz(a,h)anthracene	278	16.099	16.093	0.006	67	1286828	16.4	
190 Benzo[g,h,i]perylene	276	16.510	16.504	0.006	78	1290348	15.5	
S 191 Methyl Phenols,Total	100				0		30.3	

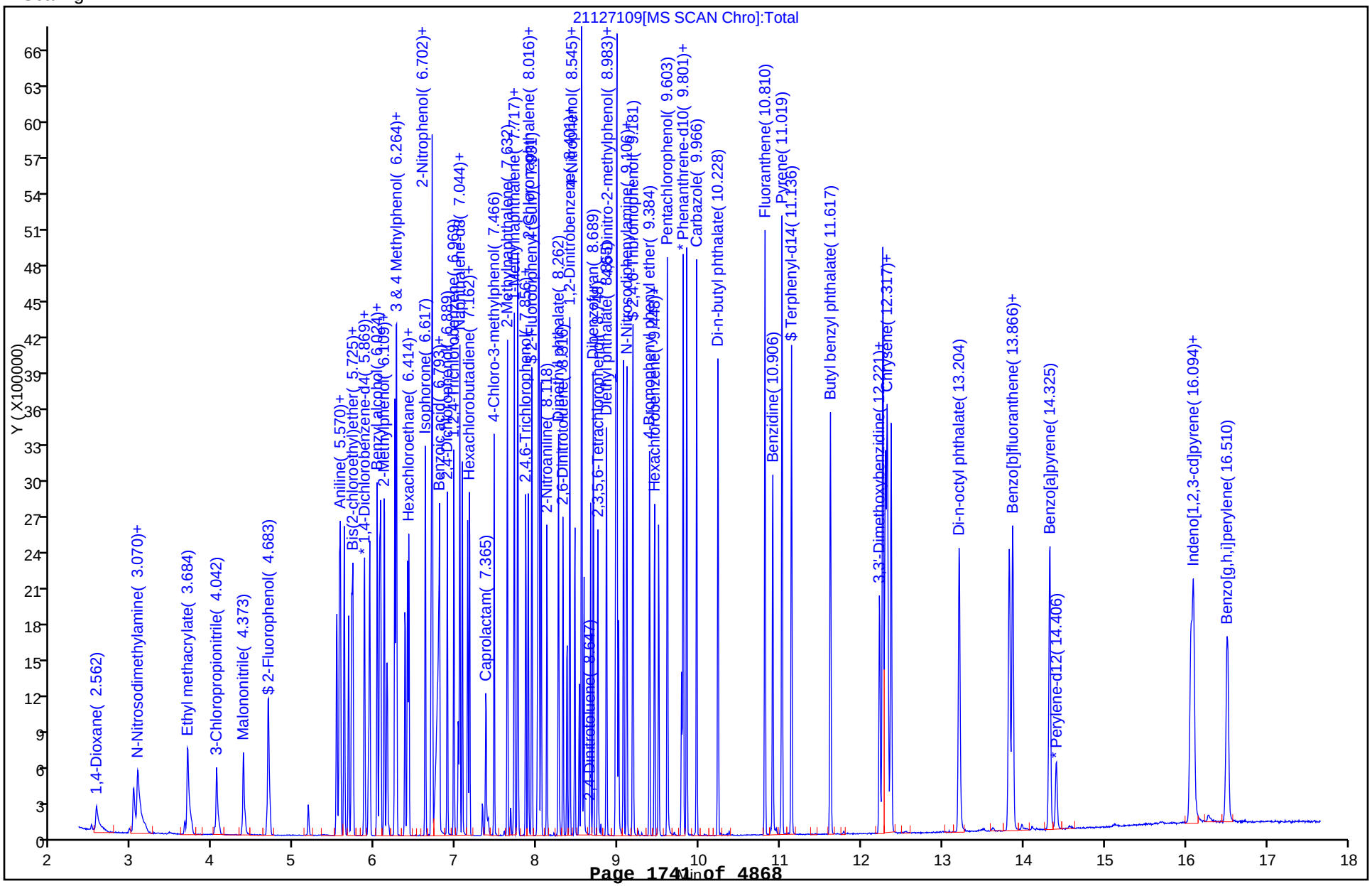
Report Date: 29-Nov-2012 07:29:29 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121128-15348.b\21127109.D

Injection Date:	28-Nov-2012 17:46:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	66620	Lims Sample ID:	9
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP9\20121128-15348.b\21127110.D		
Lims ID:	std6 tcl	Client ID:	
Inject. Date:	28-Nov-2012 18:11:30	Dil. Factor:	1.0000
Sample Type:	ICIS	Calib Level:	6
Sample ID:	240-0015348-010		
Misc. Info.:	STD6 TCL =STD6 TCL		
Operator:	001574	Instrument ID:	A4HP9
Injection Vol:	1.0 ul	ALS Bottle#:	10
Lims Batch ID:	66620	Lims Sample ID:	10
Sublist:	chrom-8270 _9*sub13		
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP9\20121128-15348.b\8270 _9.m		
Last Update:	29-Nov-2012 07:29:30	Calib Date:	28-Nov-2012 18:11:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP9\20121128-15348.b\21127110.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK030		
First Level Reviewer: ulmanm		Date:	29-Nov-2012 07:19:53

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.917	5.917	0.0	92	81023	4.00	
* 2 Naphthalene-d8	136	7.023	7.023	0.0	97	335429	4.00	
* 3 Acenaphthene-d10	164	8.519	8.519	0.0	72	207460	4.00	
* 4 Phenanthrene-d10	188	9.779	9.779	0.0	97	359196	4.00	
* 5 Chrysene-d12	240	12.328	12.328	0.0	71	350117	4.00	
* 6 Perylene-d12	264	14.400	14.400	0.0	89	291958	4.00	
$ 7 2-Fluorophenol	112	4.678	4.678	0.0	93	341368	10.5	
$ 8 Phenol-d5	99	5.559	5.559	0.0	0	475725	10.5	
$ 9 Nitrobenzene-d5	82	6.398	6.398	0.0	82	488692	10.4	
$ 10 2-Fluorobiphenyl (Surr)	172	7.931	7.931	0.0	99	644988	10.2	
$ 11 2,4,6-Tribromophenol	330	9.181	9.181	0.0	77	79959	10.7	
$ 12 Terphenyl-d14	244	11.136	11.136	0.0	97	676303	9.74	
25 1,4-Dioxane	88	2.562	2.562	0.0	84	194100	10.3	
26 N-Nitrosodimethylamine	74	3.022	3.022	0.0	80	281131	10.8	
27 Pyridine	79	3.070	3.070	0.0	91	470703	10.5	
28 Ethyl methacrylate	69	3.684	3.684	0.0	81	394121	10.4	
29 3-Chloropropionitrile	54	4.042	4.042	0.0	85	179120	10.6	
33 Malononitrile	66	4.373	4.373	0.0	79	460413	10.8	
41 Benzaldehyde	77	5.522	5.522	0.0	84	352399	9.93	
43 Phenol	94	5.570	5.570	0.0	95	519804	10.6	
44 Aniline	93	5.618	5.618	0.0	95	642068	10.4	
69 Bis(2-chloroethyl)ether	93	5.671	5.671	0.0	93	393477	10.2	
46 2-Chlorophenol	128	5.725	5.725	0.0	92	294950	10.2	
47 1,3-Dichlorobenzene	146	5.869	5.869	0.0	82	321622	10.3	
48 1,4-Dichlorobenzene	146	5.933	5.933	0.0	79	320377	10.3	
49 Benzyl alcohol	108	6.024	6.024	0.0	84	234444	10.6	
50 1,2-Dichlorobenzene	146	6.067	6.067	0.0	77	298096	10.3	
51 2-Methylphenol	108	6.109	6.109	0.0	95	333167	10.6	
53 2,2'-oxybis[1-chloropropane]	45	6.147	6.147	0.0	99	345944	10.2	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
21 3 & 4 Methylphenol	108	6.243	6.243	0.0	91	357155	10.5	
57 N-Nitrosodi-n-propylamine	70	6.259	6.259	0.0	69	334350	10.5	
58 Acetophenone	105	6.264	6.264	0.0	84	529018	10.5	
61 Hexachloroethane	117	6.366	6.366	0.0	89	152362	10.7	
62 Nitrobenzene	77	6.414	6.414	0.0	73	497830	10.0	
64 Isophorone	82	6.617	6.617	0.0	94	892334	10.2	
66 2-Nitrophenol	139	6.692	6.692	0.0	91	156411	10.2	
67 1,3,5-Trichlorobenzene	180	6.702	6.702	0.0	86	295335	10.0	
65 2,4-Dimethylphenol	107	6.702	6.702	0.0	94	391958	10.0	
71 Benzoic acid	122	6.772	6.772	0.0	77	356067	20.3	
70 Bis(2-chloroethoxy)methane	93	6.793	6.793	0.0	98	480008	10.0	
73 2,4-Dichlorophenol	162	6.889	6.889	0.0	92	239433	10.2	
74 1,2,4-Trichlorobenzene	180	6.970	6.970	0.0	84	290891	9.85	
75 Naphthalene	128	7.044	7.044	0.0	81	849103	10.1	
76 4-Chloroaniline	127	7.076	7.076	0.0	79	360826	10.0	
79 Hexachlorobutadiene	225	7.140	7.140	0.0	89	152758	9.66	
80 1,2,3-Trichlorobenzene	180	7.162	7.162	0.0	83	275719	0	
84 Caprolactam	113	7.360	7.360	0.0	80	98317	9.67	
86 4-Chloro-3-methylphenol	107	7.466	7.466	0.0	78	348500	10.4	
87 2-Methylnaphthalene	142	7.632	7.632	0.0	85	573505	10.2	
88 1-Methylnaphthalene	142	7.717	7.717	0.0	79	536804	10.0	
89 Hexachlorocyclopentadiene	237	7.760	7.760	0.0	87	161472	10.5	
90 1,2,3,5-Tetrachlorobenzene	216	7.755	7.755	0.0	88	285535	9.96	
92 2,4,6-Trichlorophenol	196	7.856	7.856	0.0	86	184715	10.6	
93 2,4,5-Trichlorophenol	196	7.888	7.888	0.0	89	192663	10.2	
97 2,4-Toluene diamine	121	8.001	8.001	0.0	97	173749	9.74	
99 1,2,3,4 -Tetrachlorobenzene	216	8.011	8.011	0.0	88	273299	0	
98 1,1'-Biphenyl	154	8.022	8.022	0.0	95	720778	10.2	
100 2-Chloronaphthalene	162	8.043	8.043	0.0	98	549530	9.93	
102 2-Nitroaniline	65	8.118	8.118	0.0	70	248067	10.6	
105 Dimethyl phthalate	163	8.262	8.262	0.0	94	662601	10.4	
107 2,6-Dinitrotoluene	165	8.316	8.316	0.0	75	143254	10.5	
108 1,2-Dinitrobenzene	168	8.364	8.364	0.0	76	72457	10.3	
109 Acenaphthylene	152	8.401	8.401	0.0	85	870623	10.3	
110 3-Nitroaniline	138	8.460	8.460	0.0	83	165951	11.0	
112 Acenaphthene	153	8.545	8.545	0.0	93	560656	10.3	
111 2,4-Dinitrophenol	184	8.551	8.551	0.0	71	170952	19.8	
113 4-Nitrophenol	109	8.572	8.572	0.0	87	124308	10.4	
114 2,4-Dinitrotoluene	165	8.658	8.658	0.0	76	198136	11.0	
116 Dibenzofuran	168	8.690	8.690	0.0	84	799793	10.3	
118 2,3,5,6-Tetrachlorophenol	232	8.748	8.748	0.0	87	161180	10.0	
121 Diethyl phthalate	149	8.855	8.855	0.0	95	633470	10.1	
123 4-Chlorophenyl phenyl ether	204	8.967	8.967	0.0	94	347573	10.3	
125 4-Nitroaniline	138	8.978	8.978	0.0	77	171324	11.1	
126 Fluorene	166	8.984	8.984	0.0	78	669112	10.2	
128 4,6-Dinitro-2-methylphenol	198	9.000	9.000	0.0	64	120910	10.1	
131 N-Nitrosodiphenylamine	169	9.064	9.064	0.0	98	488924	10.2	
132 1,2-Diphenylhydrazine	77	9.101	9.101	0.0	100	1112603	10.4	
133 Azobenzene	77	9.101	9.101	0.0	94	1112603	10.4	
139 4-Bromophenyl phenyl ether	248	9.384	9.384	0.0	68	185968	10.2	
141 Hexachlorobenzene	284	9.448	9.448	0.0	82	188742	10.0	
142 Atrazine	200	9.496	9.496	0.0	82	165148	11.1	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
143 Pentachlorophenol	266	9.603	9.603	0.0	78	260877	20.0	
148 Phenanthrene	178	9.801	9.801	0.0	86	986219	9.78	
149 Anthracene	178	9.844	9.844	0.0	86	1049441	10.7	
151 Carbazole	167	9.966	9.966	0.0	83	914316	10.4	
154 Di-n-butyl phthalate	149	10.228	10.228	0.0	99	1139059	10.5	
159 Fluoranthene	202	10.811	10.811	0.0	78	1150849	10.3	
160 Benzidine	184	10.901	10.901	0.0	84	633499	9.72	
161 Pyrene	202	11.019	11.019	0.0	89	1202389	10.1	
168 Butyl benzyl phthalate	149	11.617	11.617	0.0	90	506968	10.5	
172 3,3'-Dimethoxybenzidine	244	12.221	12.221	0.0	83	277043	9.95	
175 3,3'-Dichlorobenzidine	252	12.264	12.264	0.0	68	408070	10.7	
174 4,4'-Methylene bis(2-chloroanili	231	12.264	12.264	0.0	65	208245	10.0	
173 Bis(2-ethylhexyl) phthalate	149	12.290	12.290	0.0	94	707461	10.5	
177 Benzo[a]anthracene	228	12.317	12.317	0.0	86	1040051	9.98	
178 Chrysene	228	12.365	12.365	0.0	86	968179	9.97	
180 Di-n-octyl phthalate	149	13.204	13.204	0.0	100	1158680	9.87	
182 Benzo[b]fluoranthene	252	13.823	13.823	0.0	78	984834	10.3	
183 Benzo[k]fluoranthene	252	13.861	13.861	0.0	88	1052090	10.4	
184 Benzo[a]pyrene	252	14.320	14.320	0.0	76	948169	10.5	
188 Indeno[1,2,3-cd]pyrene	276	16.062	16.062	0.0	86	1069938	10.6	
189 Dibenz(a,h)anthracene	278	16.094	16.094	0.0	62	878523	10.8	
190 Benzo[g,h,i]perylene	276	16.511	16.511	0.0	77	890281	10.4	
S 191 Methyl Phenols,Total	100				0		21.0	

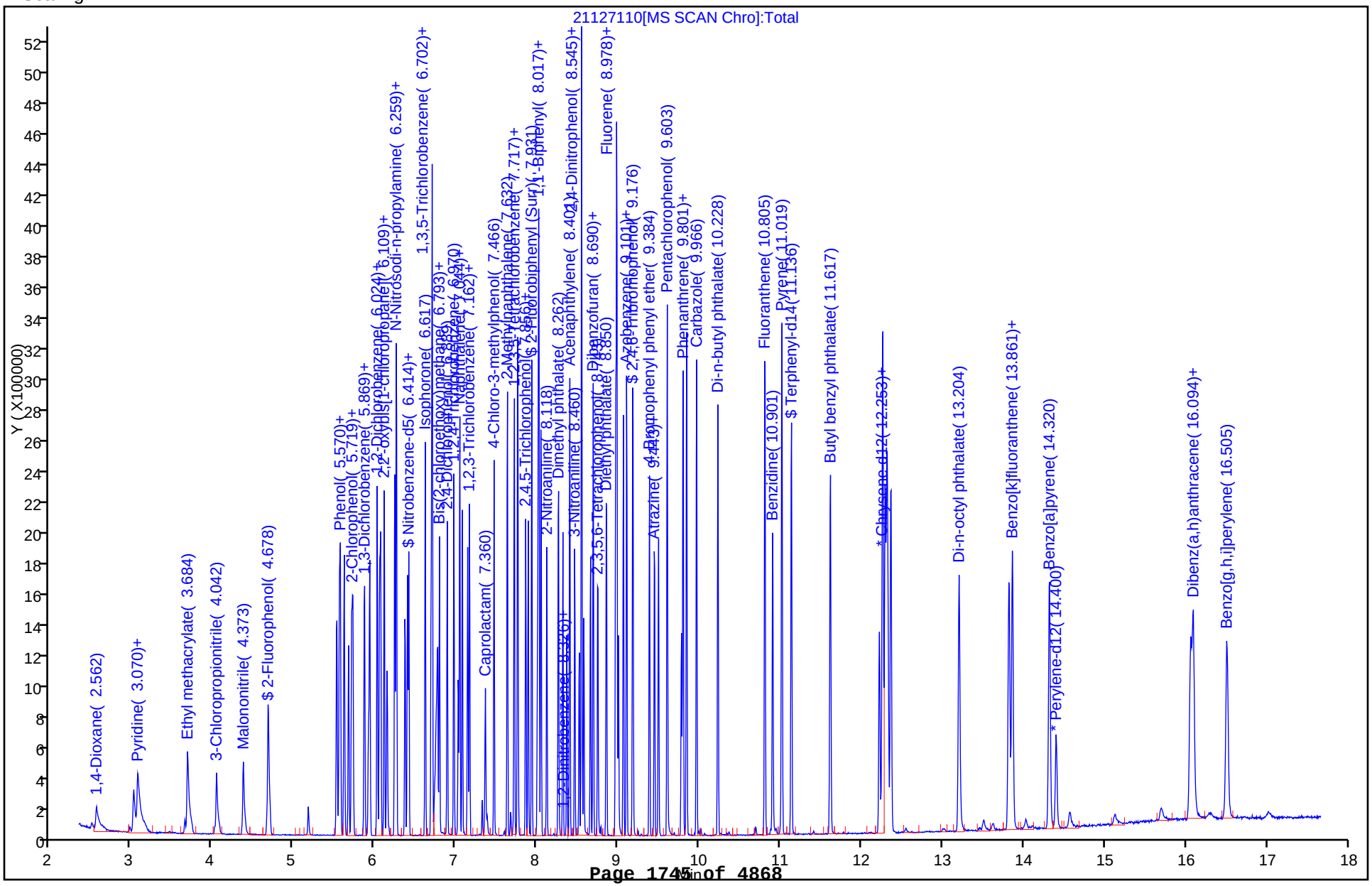
Report Date: 29-Nov-2012 07:29:30 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121128-15348.b\21127110.D

Injection Date:	28-Nov-2012 18:11:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	66620	Lims Sample ID:	10
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-17317-1 Analy Batch No.: 67070

SDG No.:

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/03/2012 11:32 Calibration End Date: 12/03/2012 15:01 Calibration ID: 12569

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 240-67070/6	21203006.D
Level 2	STD2 240-67070/5	21203005.D
Level 3	STD3 240-67070/4	21203004.D
Level 4	STD4 240-67070/3	21203003.D
Level 5	STD5 240-67070/2	21203002.D
Level 6	STD6 240-67070/10	21203010.D
Level 7	STD7 240-67070/9	21203009.D
Level 8	STD8 240-67070/8	21203008.D
Level 9	STD9 240-67070/7	21203007.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,4-Dioxane	0.7268	+++++ 0.7381	0.8009 0.7465	0.9093 0.7243	0.7887	Ave		0.7764			0.0500	8.5		15.0			
N-Nitrosodimethylamine	1.1042	+++++ 1.1083	0.8621 1.1334	0.8397 1.1726	0.9212	Ave		1.0202			0.0500	14.0		15.0			
Pyridine	2.0966	1.9291 2.1990	2.1735 2.1249	1.8960 2.2061	2.0289	Ave		2.0818			0.0500	5.8		15.0			
Ethyl methacrylate	1.9502	2.2935 2.0365	1.9514 1.9690	1.9898 2.0309	1.9322	Ave		2.0192			0.0500	5.8		15.0			
3-Chloropropionitrile	0.7679	0.6148 0.7866	0.7098 0.8014	0.7121 0.8292	0.6811	Ave		0.7379			0.0500	9.6		15.0			
Benzaldehyde	2.2892 1.7547	2.1772 1.7222	1.8824 1.4194	1.9744 1.2302	1.9597	Qua	-0.269	2.2738	-0.041		0.0500				0.9980		0.9950
Phenol	2.6035	2.4461 2.7179	2.3161 2.7151	2.4686 2.8224	2.5088	Ave		2.5748			0.0500	6.6		15.0			
Aniline	3.2637	2.9053 3.3951	2.9373 3.4363	3.0624 3.5821	3.1591	Ave		3.2177			0.0500	7.6		15.0			
Bis(2-chloroethyl)ether	1.9548	1.9533 2.0254	1.8560 2.0469	1.9568 2.1442	1.9552	Ave		1.9866			0.0500	4.3		15.0			
2-Chlorophenol	1.4527	1.3764 1.4874	1.4390 1.4793	1.4488 1.5271	1.4744	Ave		1.4607			0.0500	3.0		15.0			
1,3-Dichlorobenzene	1.5562	1.4320 1.6015	1.5044 1.5512	1.6212 1.6456	1.6509	Ave		1.5704			0.0500	4.8		15.0			
Benzoic acid	0.2173	+++++ 0.2273	0.1186 0.2497	0.1462 0.2472	0.1722	Qua	-0.331	0.2188	0.0008		0.0500				0.9980		0.9950
1,4-Dichlorobenzene	1.5582	1.5376 1.5627	1.6018 1.5881	1.6236 1.6271	1.5888	Ave		1.5860			0.0500	2.0		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-17317-1 Analy Batch No.: 67070

SDG No.:

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/03/2012 11:32 Calibration End Date: 12/03/2012 15:01 Calibration ID: 12569

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Benzyl alcohol	1.2246	1.2324 1.2441	1.0523 1.2438	1.1379 1.2951	1.2013	Ave		1.2039			0.0500	6.3		15.0			
1,2-Dichlorobenzene	1.4632	1.4267 1.5123	1.6105 1.4969	1.5747 1.5869	1.5408	Ave		1.5265			0.0500	4.2		15.0			
2-Methylphenol	1.7709	1.5369 1.7987	1.5519 1.8061	1.6937 1.8875	1.6946	Ave		1.7176			0.0500	7.2		15.0			
bis (2-chloroisopropyl) ether	2.0200	1.9883 2.1205	1.9055 2.0832	2.0244 2.1434	1.9113	Ave		2.0246			0.0500	4.4		15.0			
3 & 4 Methylphenol	1.8464	1.5362 1.8873	1.6991 1.9649	1.7562 2.0604	1.8720	Ave		1.8278			0.0500	8.9		15.0			
N-Nitrosodi-n-propylamine	1.8002	1.7047 1.9274	1.6460 1.9176	1.6924 1.9344	1.7868	Ave		1.8012			0.0500	6.4		15.0			
Acetophenone	2.6266	2.5444 2.7456	2.4739 2.8335	2.4714 2.9517	2.5766	Ave		2.6530			0.0500	6.6		15.0			
Hexachloroethane	0.7201	0.8208 0.7355	0.6931 0.7128	0.7668 0.7549	0.7317	Ave		0.7420			0.0500	5.3		15.0			
Nitrobenzene	0.6555	0.6063 0.6409	0.5869 0.7229	0.6185 0.7176	0.6069	Ave		0.6444			0.0500	8.0		15.0			
Isophorone	1.2234	1.0172 1.2196	0.9875 1.3941	1.0827 1.3748	1.1029	Ave		1.1753			0.0500	13.0		15.0			
2-Nitrophenol	0.1877	0.1271 0.1830	0.1681 0.1988	0.1691 0.1909	0.1808	Ave		0.1757			0.0500	13.0		15.0			
2,4-Dimethylphenol	0.4923	0.4912 0.4840	0.4705 0.5193	0.4809 0.5256	0.4839	Ave		0.4935			0.0500	3.9		15.0			
1,3,5-Trichlorobenzene	0.3496	0.3827 0.3453	0.3438 0.3657	0.3672 0.3755	0.3547	Ave		0.3606			0.0500	4.0		15.0			
Bis(2-chloroethoxy)methane	0.6034	0.5479 0.6111	0.5621 0.6757	0.5674 0.6670	0.5763	Ave		0.6014			0.0500	8.0		15.0			
2,4-Dichlorophenol	0.2807	0.2494 0.2751	0.2758 0.3022	0.2869 0.3040	0.2935	Ave		0.2834			0.0500	6.2		15.0			
1,2,4-Trichlorobenzene	0.3361	0.3701 0.3376	0.3251 0.3671	0.3693 0.3644	0.3348	Ave		0.3506			0.0500	5.4		15.0			
Naphthalene	1.1646 1.0866	0.9935 1.1179	0.9827 1.2475	1.0006 1.2759	1.0174	Ave		1.0985			0.0500	10.0		15.0			
4-Chloroaniline	0.4396	0.3930 0.4409	0.4198 0.4769	0.4049 0.4798	0.4208	Ave		0.4345			0.0500	7.2		15.0			
Hexachlorobutadiene	0.1866	0.1991 0.1881	0.1889 0.1946	0.1886 0.1930	0.1905	Ave		0.1912			0.0500	2.2		15.0			
Caprolactam	0.1170	0.0832 0.1124	0.1292 0.1142	0.1263 0.1110	0.1314	Ave		0.1156			0.0500	13.0		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-17317-1 Analy Batch No.: 67070

SDG No.:

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/03/2012 11:32 Calibration End Date: 12/03/2012 15:01 Calibration ID: 12569

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
4-Chloro-3-methylphenol	0.4252	0.3714 0.4169	0.3695 0.4581	0.4190 0.4475	0.4179	Ave		0.4157			0.0500	7.6		15.0			
2,4-Dinitrophenol	0.1886	+++++ 0.1989	0.0970 0.2117	0.1148 0.2137	0.1553	Qua	-0.298	0.1920	0.0006		0.0500				0.9990		0.9950
2-Methylnaphthalene	0.6723 0.6867	0.5949 0.6927	0.6523 0.7759	0.6688 0.7926	0.6616	Ave		0.6886			0.0500	8.9		15.0			
2,3,5,6-Tetrachlorophenol	0.3180	+++++ 0.3210	0.2897 0.3434	0.2921 0.3358	0.3147	Ave		0.3164			0.0500	6.4		15.0			
1-Methylnaphthalene	0.5988 0.6676	0.6687 0.6661	0.6408 0.7470	0.6252 0.7487	0.6342	Ave		0.6663			0.0500	7.7		15.0			
1,2,3,5-Tetrachlorobenzene	0.5562	0.5409 0.5598	0.5637 0.5896	0.5460 0.5852	0.5236	Ave		0.5581			0.0500	3.9		15.0			
Hexachlorocyclopentadiene	0.3252	0.2807 0.3368	0.2962 0.3592	0.2941 0.3642	0.3160	Ave		0.3216			0.0500	9.5		15.0			
2,4,6-Trichlorophenol	0.3418	0.3019 0.3574	0.3445 0.3743	0.3431 0.3743	0.3332	Ave		0.3463			0.0500	6.8		15.0			
4,6-Dinitro-2-methylphenol	0.1501	+++++ 0.1498	0.0772 0.1622	0.1050 0.1566	0.1343	Qua	-0.105	0.1587	0.0002		0.0500				0.9990		0.9950
2,4,5-Trichlorophenol	0.3853	0.3497 0.3731	0.3934 0.4017	0.3801 0.3962	0.3694	Ave		0.3811			0.0500	4.4		15.0			
2,4-Toluene diamine	0.1947	0.2490 0.1844	0.2043 0.1850	0.1696 0.1832	0.1973	Ave		0.1959			0.0500	12.0		15.0			
1,1'-Biphenyl	1.3082 1.4695	1.2686 1.4967	1.3545 1.6489	1.4054 1.6919	1.3596	Ave		1.4448			0.0500	10.0		15.0			
2-Chloronaphthalene	0.9923 1.1225	1.0953 1.1075	1.0542 1.2263	1.0563 1.2270	1.0430	Ave		1.1027			0.0500	7.3		15.0			
2-Nitroaniline	0.5325	0.4386 0.5407	0.4680 0.5717	0.5036 0.5590	0.4934	Ave		0.5134			0.0500	8.9		15.0			
Dimethyl phthalate	1.2948	1.2183 1.3464	1.1518 1.4663	1.2352 1.4465	1.2357	Ave		1.2994			0.0500	8.6		15.0			
2,6-Dinitrotoluene	0.2865	0.2125 0.2914	0.2291 0.3065	0.2628 0.2958	0.2773	Ave		0.2702			0.0500	12.0		15.0			
1,2-Dinitrobenzene	0.1418	0.1178 0.1388	0.1253 0.1474	0.1195 0.1444	0.1280	Ave		0.1329			0.0500	8.7		15.0			
Acenaphthylene	1.5771 1.7865	1.5432 1.8971	1.5689 2.0972	1.6549 2.0020	1.7061	Ave		1.7592			0.0500	11.0		15.0			
3-Nitroaniline	0.2982	0.2494 0.3089	0.2543 0.3287	0.2869 0.3131	0.2862	Ave		0.2907			0.0500	9.6		15.0			
Acenaphthene	1.2158 1.1042	1.0287 1.1214	0.9817 1.2394	1.0434 1.2450	1.0625	Ave		1.1158			0.0500	8.7		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-17317-1 Analy Batch No.: 67070

SDG No.:

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/03/2012 11:32 Calibration End Date: 12/03/2012 15:01 Calibration ID: 12569

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
4-Nitrophenol	0.2284	0.1705 0.2232	0.1960 0.2384	0.1940 0.2398	0.2211	Ave		0.2139			0.0500	11.0		15.0			
2,4-Dinitrotoluene	0.3857	0.2843 0.3797	0.2947 0.4141	0.3538 0.4047	0.3837	Ave		0.3626			0.0500	13.0		15.0			
Dibenzofuran	1.4180 1.6592	1.4900 1.6902	1.5005 1.8453	1.5366 1.8378	1.5121	Ave		1.6100			0.0500	9.7		15.0			
Diethyl phthalate	1.2844	1.1591 1.3140	1.1416 1.4580	1.2306 1.4576	1.2452	Ave		1.2863			0.0500	9.4		15.0			
4-Chlorophenyl phenyl ether	0.6881	0.6465 0.6825	0.6841 0.7454	0.6664 0.7442	0.6757	Ave		0.6916			0.0500	5.1		15.0			
4-Nitroaniline	0.3215	0.2225 0.3332	0.2710 0.3434	0.2964 0.3397	0.3215	Ave		0.3061			0.0500	14.0		15.0			
Fluorene	1.3522 1.3364	1.2399 1.3875	1.2979 1.5491	1.2908 1.5490	1.2632	Ave		1.3629			0.0500	8.4		15.0			
N-Nitrosodiphenylamine	0.5536	0.5042 0.5722	0.4787 0.6110	0.5437 0.6199	0.5373	Ave		0.5526			0.0500	8.8		15.0			
1,2-Diphenylhydrazine(as Azobenzene)	1.4797	1.1759 1.5306	1.1520 1.5379	1.2061 1.3855	1.2944	Ave		1.3455			0.0500	12.0		15.0			
Azobenzene	1.4797	1.1759 1.5305	1.1520 1.5378	1.2136 1.3852	1.2896	Ave		1.3455			0.0500	12.0		15.0			
4-Bromophenyl phenyl ether	0.2073	0.1837 0.2058	0.1775 0.2165	0.2007 0.2098	0.2122	Ave		0.2017			0.0500	6.9		15.0			
Hexachlorobenzene	0.2154 0.2019	0.2099 0.2007	0.1863 0.2151	0.2000 0.2093	0.1930	Ave		0.2035			0.0500	4.9		15.0			
Atrazine	0.1857	0.1545 0.1791	0.1685 0.1793	0.1842 0.1699	0.1863	Ave		0.1759			0.0500	6.2		15.0			
Pentachlorophenol	0.1501	0.0850 0.1569	0.1160 0.1635	0.1389 0.1642	0.1466	Qua	-0.066	0.1492	0.0003		0.0500				1.0000		0.9950
Phenanthrene	1.3066 1.2017	1.0239 1.2458	1.1090 1.3162	1.1069 1.3289	1.1162	Ave		1.1950			0.0500	9.3		15.0			
Anthracene	1.1264 1.2855	1.0141 1.3440	1.0585 1.3600	1.0630 1.3468	1.1759	Ave		1.1971			0.0500	12.0		15.0			
Carbazole	1.1108	0.9495 1.1325	0.9198 1.2563	0.9682 1.2133	1.0276	Ave		1.0723			0.0500	12.0		15.0			
Di-n-butyl phthalate	1.4156	1.0157 1.4666	1.0605 1.5798	1.2481 1.4509	1.2996	Ave		1.3171			0.0500	15.0		15.0			
3,3'-Dimethoxybenzidine	0.3149	+++++ 0.3164	0.1932 0.3792	0.2099 0.3519	0.3170	Qua	-0.186	0.3261	0.0017		0.0500				0.9930	*	0.9950
Fluoranthene	1.2775 1.4447	1.2228 1.5077	1.1744 1.5555	1.3054 1.4892	1.2993	Ave		1.3641			0.0500	10.0		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-17317-1 Analy Batch No.: 67070

SDG No.:

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/03/2012 11:32 Calibration End Date: 12/03/2012 15:01 Calibration ID: 12569

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Benzidine	0.7381	0.3795 0.7444	0.4273 0.8902	0.4787 0.8289	0.6659	Qua	-0.401	0.7401	0.0051		0.0500				0.9940	*	0.9950
Pyrene	1.1654 1.4574	1.2249 1.4936	1.2430 1.6415	1.3193 1.5069	1.4039	Ave		1.3840			0.0500	11.0		15.0			
Butyl benzyl phthalate	0.5879	0.4066 0.5668	0.4666 0.6393	0.5378 0.6149	0.5993	Ave		0.5524			0.0500	14.0		15.0			
4,4'-Methylene bis(2-chloroaniline)	0.2381	0.1690 0.2332	0.1976 0.2557	0.2111 0.2426	0.2384	Ave		0.2232			0.0500	13.0		15.0			
3,3'-Dichlorobenzidine	0.4612	0.3154 0.4578	0.3513 0.5086	0.3895 0.4921	0.4570	Qua	-0.102	0.4549	0.0019		0.0500				0.9980		0.9950
Bis(2-ethylhexyl) phthalate	0.8378	0.6965 0.8204	0.6726 0.9396	0.8208 0.9041	0.8841	Ave		0.8220			0.0500	12.0		15.0			
Benzo[a]anthracene	1.1906 1.2480	1.1014 1.2531	1.2087 1.4393	1.1621 1.4003	1.2072	Ave		1.2456			0.0500	8.8		15.0			
Chrysene	1.1257 1.1436	1.0235 1.1498	1.0067 1.3128	1.0985 1.2789	1.1399	Ave		1.1421			0.0500	8.9		15.0			
Di-n-octyl phthalate	1.6890	1.0509 1.7437	1.2297 2.0229	1.5700 2.0495	1.7136	Qua	-0.053	1.4711	0.0240		0.0500				0.9980		0.9950
Benzo[b]fluoranthene	1.3475 1.3876	1.1089 1.4289	1.3065 1.5931	1.3277 1.6192	1.3597	Ave		1.3866			0.0500	11.0		15.0			
Benzo[k]fluoranthene	1.1702 1.4551	1.2905 1.4883	1.2577 1.6458	1.4772 1.6303	1.4190	Ave		1.4260			0.0500	11.0		15.0			
Benzo[a]pyrene	1.2274 1.3090	1.1049 1.3522	1.1653 1.5041	1.2692 1.5317	1.3158	Ave		1.3089			0.0500	11.0		15.0			
Indeno[1,2,3-cd]pyrene	1.2738 1.4511	1.2415 1.4655	1.3681 1.6426	1.4241 1.6169	1.4572	Ave		1.4379			0.0500	9.4		15.0			
Dibenz(a,h)anthracene	0.9219 1.2192	1.0196 1.2198	1.0859 1.3796	1.2007 1.3828	1.1907	Ave		1.1800			0.0500	13.0		15.0			
Benzo[g,h,i]perylene	1.1987 1.1839	1.0907 1.1989	1.0852 1.3598	1.1790 1.3417	1.2308	Ave		1.2076			0.0500	7.8		15.0			
2-Fluorophenol (Surr)	1.5404	1.5011 1.6252	1.5798 1.5698	1.5909 1.6178	1.5650	Ave		1.5738			0.0500	2.6		15.0			
Phenol-d5 (Surr)	2.3248	2.2354 2.4140	1.8374 2.3823	2.1993 2.5333	2.2550	Ave		2.2727			0.0500	9.1		15.0			
Nitrobenzene-d5 (Surr)	0.6192 0.6022	0.6015 0.6227	0.5584 0.6648	0.5751 0.6760	0.5895	Ave		0.6121			0.0500	6.3		15.0			
2-Fluorobiphenyl (Surr)	1.4642 1.2928	1.1891 1.3318	1.2209 1.4787	1.2403 1.4962	1.2409	Ave		1.3283			0.0500	9.1		15.0			
2,4,6-Tribromophenol (Surr)	0.1614	0.1231 0.1653	0.1348 0.1727	0.1593 0.1725	0.1502	Ave		0.1549			0.0500	12.0		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-17317-1 Analy Batch No.: 67070

SDG No.:

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/03/2012 11:32 Calibration End Date: 12/03/2012 15:01 Calibration ID: 12569

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Terphenyl-d14 (Surr)	0.7862 0.8155	0.8051 0.8150	0.6927 0.9422	0.8139 0.8907	0.8136	Ave		0.8194			0.0500	8.4		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-17317-1 Analy Batch No.: 67070

SDG No.:

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/03/2012 11:32 Calibration End Date: 12/03/2012 15:01 Calibration ID: 12569

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 240-67070/6	21203006.D
Level 2	STD2 240-67070/5	21203005.D
Level 3	STD3 240-67070/4	21203004.D
Level 4	STD4 240-67070/3	21203003.D
Level 5	STD5 240-67070/2	21203002.D
Level 6	STD6 240-67070/10	21203010.D
Level 7	STD7 240-67070/9	21203009.D
Level 8	STD8 240-67070/8	21203008.D
Level 9	STD9 240-67070/7	21203007.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
1,4-Dioxane	DCB	Ave	399753	+++++ 543998	36233 773230	73600 814861	154568	10.0	+++++ 15.0	1.00 20.0	2.00 25.0	5.00
N-Nitrosodimethylamine	DCB	Ave	607272	+++++ 816856	38998 1174085	67969 1319174	180530	10.0	+++++ 15.0	1.00 20.0	2.00 25.0	5.00
Pyridine	DCB	Ave	1153107	40196 1620749	98326 2201171	153463 2481993	397620	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Ethyl methacrylate	DCB	Ave	1072582	47787 1500922	88277 2039665	161059 2284815	378677	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
3-Chloropropionitrile	DCB	Ave	422307	12811 579758	32110 830175	57636 932926	133477	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzaldehyde	DCB	Qua	9926 965070	45364 1269321	85156 1470328	159811 1383979	384062	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Phenol	DCB	Ave	1431885	50968 2003163	104773 2812510	199816 3175311	491689	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Aniline	DCB	Ave	1794952	60535 2502297	132878 3559561	247876 4030025	619120	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Bis(2-chloroethyl)ether	DCB	Ave	1075083	40700 1492774	83963 2120375	158390 2412317	383179	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2-Chlorophenol	DCB	Ave	798948	28679 1096266	65098 1532373	117271 1718090	288964	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
1,3-Dichlorobenzene	DCB	Ave	855886	29838 1180356	68057 1606884	131225 1851413	323540	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzoic acid	NPT	Qua	992750	+++++ 1441946	43345 2085887	98753 2343332	285606	20.0	+++++ 30.0	2.00 40.0	4.00 50.0	10.0
1,4-Dichlorobenzene	DCB	Ave	856970	32037 1151768	72462 1645098	131422 1830542	311378	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzyl alcohol	DCB	Ave	673487	25678 916925	47603 1288428	92107 1457061	235427	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-17317-1 Analy Batch No.: 67070

SDG No.:

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/03/2012 11:32 Calibration End Date: 12/03/2012 15:01 Calibration ID: 12569

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
1,2-Dichlorobenzene	DCB	Ave	804726	29726 1114610	72856 1550612	127458 1785368	301970	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2-Methylphenol	DCB	Ave	973970	32023 1325720	70206 1870907	137096 2123570	332118	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
bis (2-chloroisopropyl) ether	DCB	Ave	1110965	41429 1562839	86200 2157927	163862 2411441	374591	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
3 & 4 Methylphenol	DCB	Ave	1015483	32008 1390992	76864 2035411	142155 2317991	366886	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
N-Nitrosodi-n-propylamine	DCB	Ave	990057	35519 1420567	74460 1986355	136985 2176245	350187	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Acetophenone	DCB	Ave	1444593	53016 2023578	111915 2935142	200038 3320829	504977	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Hexachloroethane	DCB	Ave	396040	17103 542116	31356 738370	62068 849335	143402	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Nitrobenzene	NPT	Ave	1497384	52311 2033011	107279 3019500	208929 3400714	503353	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Isophorone	NPT	Ave	2794681	87765 3869063	180520 5823443	365723 6515388	914686	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2-Nitrophenol	NPT	Ave	428852	10971 580637	30729 830238	57138 904635	149913	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2,4-Dimethylphenol	NPT	Ave	1124586	42386 1535491	86010 2169180	162458 2490665	401301	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
1,3,5-Trichlorobenzene	NPT	Ave	798595	33020 1095265	62851 1527622	124050 1779271	294165	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Bis(2-chloroethoxy)methane	NPT	Ave	1378514	47277 1938498	102759 2822638	191667 3160983	477938	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2,4-Dichlorophenol	NPT	Ave	641251	21517 872558	50413 1262491	96906 1440479	243412	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
1,2,4-Trichlorobenzene	NPT	Ave	767717	31931 1071050	59431 1533437	124736 1726814	277640	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Naphthalene	NPT	Ave	21523 2482143	85728 3546318	179633 5210836	338015 6046456	843743	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
4-Chloroaniline	NPT	Ave	1004186	33909 1398635	76741 1992191	136785 2273909	348986	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Hexachlorobutadiene	NPT	Ave	426339	17181 596689	34526 812875	63712 914699	157986	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Caprolactam	NPT	Ave	267301	7176 356527	23626 477229	42653 526136	108965	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
4-Chloro-3-methylphenol	NPT	Ave	971266	32042 1322578	67551 1913655	141534 2120588	346586	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2,4-Dinitrophenol	ANT	Qua	538392	+++++ 779421	22221 1107986	48766 1280687	163179	20.0	+++++ 30.0	2.00 40.0	4.00 50.0	10.0

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-17317-1 Analy Batch No.: 67070

SDG No.:

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/03/2012 11:32 Calibration End Date: 12/03/2012 15:01 Calibration ID: 12569

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
2-Methylnaphthalene	NPT	Ave	12424 1568614	51331 2197459	119237 3241037	225921 3756335	548716	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2,3,5,6-Tetrachlorophenol	ANT	Ave	 453798	+++++ 629040	33187 898499	62062 1006180	165313	 10.0	+++++ 15.0	1.00 20.0	2.00 25.0	5.00
1-Methylnaphthalene	NPT	Ave	11067 1525035	57695 2113183	117141 3120059	211190 3548102	525938	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
1,2,3,5-Tetrachlorobenzene	ANT	Ave	 793734	28675 1097095	64586 1542651	115999 1753570	275027	 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Hexachlorocyclopentadiene	ANT	Ave	 464113	14882 660004	33939 939731	62483 1091455	166020	 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2,4,6-Trichlorophenol	ANT	Ave	 487834	16004 700417	39472 979326	72898 1121634	175058	 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
4,6-Dinitro-2-methylphenol	PHN	Qua	 374569	+++++ 513143	15977 747522	39778 827960	123435	 10.0	+++++ 15.0	1.00 20.0	2.00 25.0	5.00
2,4,5-Trichlorophenol	ANT	Ave	 549869	18537 731223	45065 1051056	80751 1187181	194064	 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2,4-Toluene diamine	NPT	Ave	 444710	21489 584842	37351 772583	57287 868145	163634	 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
1,1'-Biphenyl	ANT	Ave	14581 2097075	67250 2933167	155182 4314416	298603 5070224	714205	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2-Chloronaphthalene	ANT	Ave	11060 1601844	58061 2170503	120779 3208551	224430 3677090	547917	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2-Nitroaniline	ANT	Ave	 759915	23252 1059612	53615 1495778	106992 1675117	259160	 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Dimethyl phthalate	ANT	Ave	 1847769	64582 2638665	131956 3836513	262446 4334729	649097	 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2,6-Dinitrotoluene	ANT	Ave	 408875	11264 571148	26244 802029	55828 886451	145657	 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
1,2-Dinitrobenzene	ANT	Ave	 202332	6247 271922	14355 385567	25396 432595	67242	 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Acenaphthylene	ANT	Ave	17578 2549553	81803 3717874	179744 5487335	351616 5999467	896238	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
3-Nitroaniline	ANT	Ave	 425539	13218 605348	29136 859948	60951 938131	150335	 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Acenaphthene	ANT	Ave	13551 1575777	54532 2197679	112464 3242918	221678 3730862	558117	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
4-Nitrophenol	ANT	Ave	 325899	9038 437400	22450 623747	41218 718684	116122	 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2,4-Dinitrotoluene	ANT	Ave	 550422	15069 744156	33761 1083426	75165 1212832	201562	 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Dibenzofuran	ANT	Ave	15805 2367844	78985 3312358	171901 4828262	326470 5507295	794298	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-17317-1 Analy Batch No.: 67070

SDG No.:

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/03/2012 11:32 Calibration End Date: 12/03/2012 15:01 Calibration ID: 12569

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Diethyl phthalate	ANT	Ave	1832980	61444 2575128	130788 3814881	261466 4367958	654113	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
4-Chlorophenyl phenyl ether	ANT	Ave	981917	34272 1337478	78374 1950379	141595 2230197	354964	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
4-Nitroaniline	ANT	Ave	458818	11792 652966	31051 898608	62979 1017942	168871	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Fluorene	ANT	Ave	15072 1907218	65725 2719190	148698 4053228	274254 4641978	663543	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
N-Nitrosodiphenylamine	PHN	Ave	1381461	48999 1959808	99063 2816710	206062 3276797	493931	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
1,2-Diphenylhydrazine(as Azobenzene)	PHN	Ave	3692336	114275 5242019	238402 7089323	457089 7323233	1189886	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Azobenzene	PHN	Ave	3692336	114275 5241671	238402 7088823	459925 7321874	1185511	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
4-Bromophenyl phenyl ether	PHN	Ave	517373	17853 704915	36737 998199	76066 1108836	195097	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Hexachlorobenzene	PHN	Ave	4286 503817	20402 687504	38543 991457	75787 1106388	177412	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Atrazine	PHN	Ave	463454	15010 613227	34876 826393	69824 897962	171245	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Pentachlorophenol	PHN	Qua	749230	16525 1074664	47995 1507520	105285 1735964	269472	20.0	1.00 30.0	2.00 40.0	4.00 50.0	10.0
Phenanthrene	PHN	Ave	26003 2998659	99497 4266491	229503 6067655	419489 7024206	1026071	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Anthracene	PHN	Ave	22416 3207585	98547 4603038	219050 6269234	402882 7118724	1081012	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Carbazole	PHN	Ave	2771758	92268 3878743	190352 5791299	366937 6412920	944678	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Di-n-butyl phthalate	PHN	Ave	3532454	98705 5022953	219458 7282586	473027 7669176	1194742	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
3,3'-Dimethoxybenzidine	CRY	Qua	786421	+++++ 1115656	39058 1715296	78653 1908849	280563	10.0	+++++ 15.0	1.00 20.0	2.00 25.0	5.00
Fluoranthene	PHN	Ave	25424 3605052	118828 5163534	243024 7170742	494739 7871392	1194426	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzidine	CRY	Qua	1843303	36712 2624642	86398 4027253	179325 4495620	589306	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Pyrene	CRY	Ave	22462 3639569	118483 5266082	251331 7426228	494245 8173377	1242411	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Butyl benzyl phthalate	CRY	Ave	1468183	39327 1998546	94335 2892302	201465 3335278	530339	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
4,4'-Methylene bis(2-chloroaniline)	CRY	Ave	594586	16346 822324	39962 1156747	79087 1315934	210935	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-17317-1 Analy Batch No.: 67070

SDG No.:

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/03/2012 11:32 Calibration End Date: 12/03/2012 15:01 Calibration ID: 12569

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
3,3'-Dichlorobenzidine	CRY	Qua	1151707	30506 1613926	71021 2300801	145915 2668942	404452	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Bis(2-ethylhexyl) phthalate	CRY	Ave	2092198	67372 2892564	136001 4250837	307506 4903668	782396	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzo[a]anthracene	CRY	Ave	22947 3116592	106544 4418081	244392 6511414	435351 7594858	1068335	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Chrysene	CRY	Ave	21697 2855800	99002 4053767	203554 5939114	411538 6936430	1008802	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Di-n-octyl phthalate	PRY	Qua	3512292	79031 4994408	201729 7518674	469921 8736814	1267230	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzo[b]fluoranthene	PRY	Ave	21113 2885491	83398 4092896	214322 5921468	397416 6902291	1005481	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzo[k]fluoranthene	PRY	Ave	18336 3025983	97055 4263040	206313 6117211	442164 6949795	1049321	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzo[a]pyrene	PRY	Ave	19232 2722148	83098 3873105	191163 5590497	379895 6529426	973020	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Indeno[1,2,3-cd]pyrene	PRY	Ave	19959 3017526	93370 4197780	224422 6105267	426262 6892480	1077608	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Dibenz(a,h)anthracene	PRY	Ave	14445 2535331	76682 3493923	178133 5127826	359396 5894670	880540	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzo[g,h,i]perylene	PRY	Ave	18782 2461930	82030 3434050	178013 5054031	352887 5719307	910207	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2-Fluorophenol (Surr)	DCB	Ave	847177	31278 1197803	71467 1626131	128768 1820074	306722	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Phenol-d5 (Surr)	DCB	Ave	1278603	46578 1779153	83118 2467806	178013 2850089	441946	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Nitrobenzene-d5 (Surr)	NPT	Ave	11443 1375736	51904 1975313	102066 2776873	194252 3203482	488906	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2-Fluorobiphenyl (Surr)	ANT	Ave	16320 1844912	63034 2610009	139870 3868871	263515 4483556	651864	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2,4,6-Tribromophenol (Surr)	ANT	Ave	230291	6525 323865	15445 451821	33836 517056	78903	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Terphenyl-d14 (Surr)	CRY	Ave	15154 2036667	77875 2873627	140052 4262459	304916 4830900	719982	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00

Curve Type Legend:

Ave = Average ISTD
Qua = Quadratic ISTD

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203002.D		
Lims ID:	std5 tcl	Client ID:	
Inject. Date:	03-Dec-2012 11:32:30	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	5
Sample ID:	240-0015467-002		
Misc. Info.:	STD5 TCL =STD5 TCL		
Operator:	001574	Instrument ID:	A4HP9
Injection Vol:	1.0 ul	ALS Bottle#:	2
Lims Batch ID:	67070	Lims Sample ID:	2
Sublist:	chrom-8270 _9*sub13		
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\8270 _9.m		
Last Update:	04-Dec-2012 08:01:16	Calib Date:	03-Dec-2012 15:01:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK031		
First Level Reviewer: ulmanm		Date:	03-Dec-2012 12:18:00

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	6.053	6.053	0.0	84	156786	4.00	
* 2 Naphthalene-d8	136	7.159	7.159	0.0	98	663460	4.00	
* 3 Acenaphthene-d10	164	8.649	8.649	0.0	66	420245	4.00	
* 4 Phenanthrene-d10	188	9.915	9.915	0.0	74	735433	4.00	
* 5 Chrysene-d12	240	12.538	12.538	0.0	76	707977	4.00	
* 6 Perylene-d12	264	14.681	14.681	0.0	89	591603	4.00	
$ 7 2-Fluorophenol	112	4.830	4.830	0.0	91	306722	4.97	
$ 8 Phenol-d5	99	5.684	5.684	0.0	0	441946	4.96	
$ 9 Nitrobenzene-d5	82	6.528	6.528	0.0	83	488906	4.82	
$ 10 2-Fluorobiphenyl (Surr)	172	8.062	8.062	0.0	95	651864	4.67	
$ 11 2,4,6-Tribromophenol	330	9.317	9.317	0.0	69	78903	4.85	
$ 12 Terphenyl-d14	244	11.294	11.294	0.0	95	719982	4.96	
25 1,4-Dioxane	88	2.805	2.805	0.0	79	154568	5.08	M
26 N-Nitrosodimethylamine	74	3.275	3.275	0.0	79	180530	4.51	
27 Pyridine	79	3.318	3.318	0.0	91	397620	4.87	
28 Ethyl methacrylate	69	3.879	3.879	0.0	77	378677	4.78	
29 3-Chloropropionitrile	54	4.215	4.215	0.0	81	133477	4.62	
33 Malononitrile	66		4.627					
41 Benzaldehyde	77	5.663	5.663	0.0	81	384062	4.85	
43 Phenol	94	5.700	5.700	0.0	88	491689	4.87	
44 Aniline	93	5.754	5.754	0.0	82	619120	4.91	
69 Bis(2-chloroethyl)ether	93	5.802	5.802	0.0	91	383179	4.92	
46 2-Chlorophenol	128	5.861	5.861	0.0	89	288964	5.05	
47 1,3-Dichlorobenzene	146	6.005	6.005	0.0	78	323540	5.26	
48 1,4-Dichlorobenzene	146	6.069	6.069	0.0	81	311378	5.01	
49 Benzyl alcohol	108	6.154	6.154	0.0	85	235427	4.99	
50 1,2-Dichlorobenzene	146	6.203	6.203	0.0	82	301970	5.05	
51 2-Methylphenol	108	6.240	6.240	0.0	93	332118	4.93	
53 2,2'-oxybis[1-chloropropane]	45	6.272	6.272	0.0	99	374591	4.72	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
21 3 & 4 Methylphenol	108	6.363	6.363	0.0	92	366886	5.12	
57 N-Nitrosodi-n-propylamine	70	6.384	6.384	0.0	69	350187	4.96	
58 Acetophenone	105	6.395	6.395	0.0	79	504977	4.86	
61 Hexachloroethane	117	6.502	6.502	0.0	89	143402	4.93	
62 Nitrobenzene	77	6.544	6.544	0.0	73	503353	4.71	
64 Isophorone	82	6.747	6.747	0.0	94	914686	4.69	
66 2-Nitrophenol	139	6.822	6.822	0.0	79	149913	5.14	
65 2,4-Dimethylphenol	107	6.828	6.828	0.0	93	401301	4.90	
67 1,3,5-Trichlorobenzene	180	6.833	6.833	0.0	76	294165	4.92	
71 Benzoic acid	122	6.865	6.865	0.0	83	285606	9.09	
70 Bis(2-chloroethoxy)methane	93	6.918	6.918	0.0	98	477938	4.79	
73 2,4-Dichlorophenol	162	7.020	7.020	0.0	90	243412	5.18	
74 1,2,4-Trichlorobenzene	180	7.100	7.100	0.0	80	277640	4.78	
75 Naphthalene	128	7.175	7.175	0.0	80	843743	4.63	
76 4-Chloroaniline	127	7.202	7.202	0.0	77	348986	4.84	
79 Hexachlorobutadiene	225	7.271	7.271	0.0	84	157986	4.98	
80 1,2,3-Trichlorobenzene	180	7.292	7.292	0.0	78	264125	0	
84 Caprolactam	113	7.479	7.479	0.0	73	108965	5.68	
86 4-Chloro-3-methylphenol	107	7.592	7.592	0.0	77	346586	5.03	
87 2-Methylnaphthalene	142	7.762	7.762	0.0	81	548716	4.80	
88 1-Methylnaphthalene	142	7.848	7.848	0.0	79	525938	4.76	
90 1,2,3,5-Tetrachlorobenzene	216	7.891	7.891	0.0	81	275027	4.69	
89 Hexachlorocyclopentadiene	237	7.891	7.891	0.0	76	166020	4.91	
92 2,4,6-Trichlorophenol	196	7.987	7.987	0.0	81	175058	4.81	
93 2,4,5-Trichlorophenol	196	8.019	8.019	0.0	87	194064	4.85	
97 2,4-Toluene diamine	121	8.131	8.131	0.0	92	163634	5.04	
99 1,2,3,4 -Tetrachlorobenzene	216	8.147	8.147	0.0	82	273345	0	
98 1,1'-Biphenyl	154	8.152	8.152	0.0	94	714205	4.71	
100 2-Chloronaphthalene	162	8.179	8.179	0.0	94	547917	4.73	
102 2-Nitroaniline	65	8.249	8.249	0.0	69	259160	4.80	
105 Dimethyl phthalate	163	8.388	8.388	0.0	93	649097	4.75	
107 2,6-Dinitrotoluene	165	8.446	8.446	0.0	80	145657	5.13	
108 1,2-Dinitrobenzene	168	8.494	8.494	0.0	75	67242	4.82	
109 Acenaphthylene	152	8.537	8.537	0.0	86	896238	4.85	
110 3-Nitroaniline	138	8.591	8.591	0.0	76	150335	4.92	
111 2,4-Dinitrophenol	184	8.676	8.676	0.0	62	163179	9.37	
112 Acenaphthene	153	8.681	8.681	0.0	89	558117	4.76	
113 4-Nitrophenol	109	8.697	8.697	0.0	74	116122	5.17	
114 2,4-Dinitrotoluene	165	8.788	8.788	0.0	73	201562	5.29	
116 Dibenzofuran	168	8.826	8.826	0.0	87	794298	4.70	
118 2,3,5,6-Tetrachlorophenol	232	8.879	8.879	0.0	79	165313	4.97	
121 Diethyl phthalate	149	8.980	8.980	0.0	94	654113	4.84	
123 4-Chlorophenyl phenyl ether	204	9.098	9.098	0.0	90	354964	4.89	
125 4-Nitroaniline	138	9.109	9.109	0.0	76	168871	5.25	
126 Fluorene	166	9.114	9.114	0.0	61	663543	4.63	
128 4,6-Dinitro-2-methylphenol	198	9.130	9.130	0.0	78	123435	4.87	
131 N-Nitrosodiphenylamine	169	9.194	9.194	0.0	94	493931	4.86	
133 Azobenzene	77	9.237	9.237	0.0	93	1185511	4.79	
132 1,2-Diphenylhydrazine	77	9.237	9.237	0.0	100	1189886	4.81	
139 4-Bromophenyl phenyl ether	248	9.520	9.520	0.0	65	195097	5.26	
141 Hexachlorobenzene	284	9.584	9.584	0.0	75	177412	4.74	
142 Atrazine	200	9.622	9.622	0.0	78	171245	5.29	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
143 Pentachlorophenol	266	9.739	9.739	0.0	77	269472	10.0	
148 Phenanthrene	178	9.937	9.937	0.0	83	1026071	4.67	
149 Anthracene	178	9.979	9.979	0.0	83	1081012	4.91	
151 Carbazole	167	10.102	10.102	0.0	62	944678	4.79	
154 Di-n-butyl phthalate	149	10.359	10.359	0.0	99	1194742	4.93	
159 Fluoranthene	202	10.957	10.957	0.0	77	1194426	4.76	
160 Benzidine	184	11.053	11.053	0.0	82	589306	4.88	
161 Pyrene	202	11.176	11.176	0.0	77	1242411	5.07	
168 Butyl benzyl phthalate	149	11.785	11.785	0.0	84	530339	5.42	
172 3,3'-Dimethoxybenzidine	244	12.415	12.415	0.0	81	280563	5.29	
174 4,4'-Methylene bis(2-chloroanili	231	12.464	12.464	0.0	62	210935	5.34	
175 3,3'-Dichlorobenzidine	252	12.464	12.464	0.0	71	404452	5.14	
173 Bis(2-ethylhexyl) phthalate	149	12.485	12.485	0.0	93	782396	5.38	
177 Benzo[a]anthracene	228	12.522	12.522	0.0	81	1068335	4.85	
178 Chrysene	228	12.576	12.576	0.0	80	1008802	4.99	
180 Di-n-octyl phthalate	149	13.425	13.425	0.0	98	1267230	5.39	
182 Benzo[b]fluoranthene	252	14.077	14.077	0.0	81	1005481	4.90	
183 Benzo[k]fluoranthene	252	14.120	14.120	0.0	81	1049321	4.98	
184 Benzo[a]pyrene	252	14.595	14.595	0.0	75	973020	5.03	
188 Indeno[1,2,3-cd]pyrene	276	16.401	16.401	0.0	81	1077608	5.07	
189 Dibenz(a,h)anthracene	278	16.427	16.427	0.0	54	880540	5.05	
190 Benzo[g,h,i]perylene	276	16.881	16.881	0.0	86	910207	5.10	
S 191 Methyl Phenols,Total	100				0		10.1	

QC Flag Legend

Review Flags
M - Manually Integrated

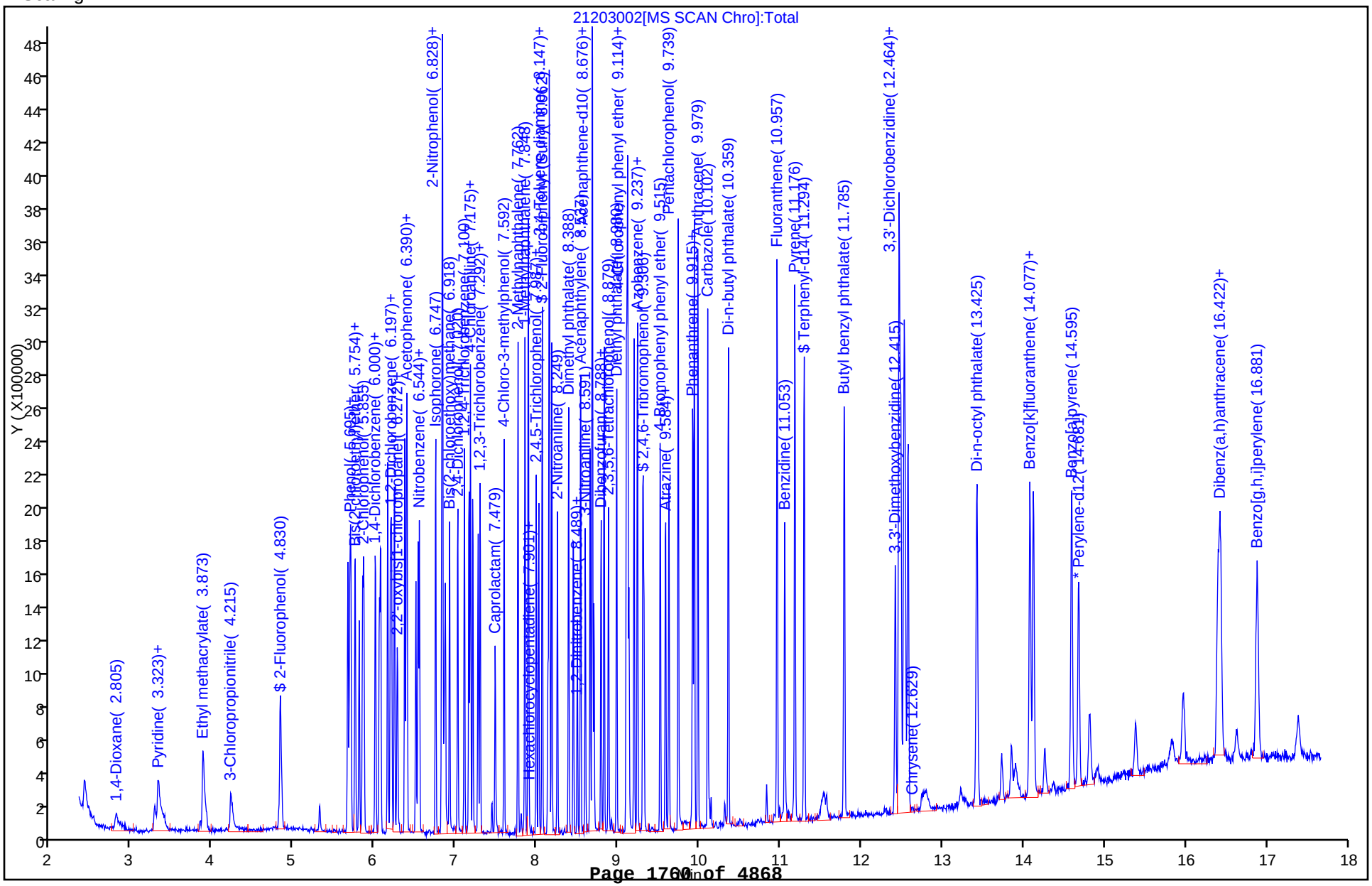
Report Date: 04-Dec-2012 08:01:16 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203002.D

Injection Date:	03-Dec-2012 11:32:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	2
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



Manual Integration/User Assign Peak Report

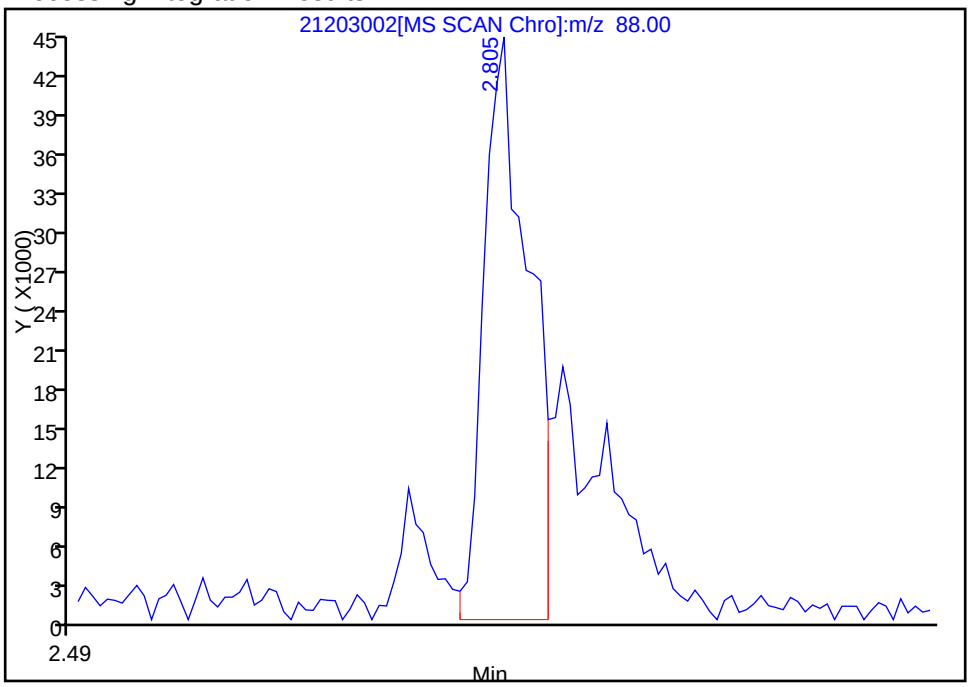
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203002.D		
Injection Date:	03-Dec-2012 11:32:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	2
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

25 1,4-Dioxane, Signal: 1, m/z: 88.0 Type: quant, RT: 2.80

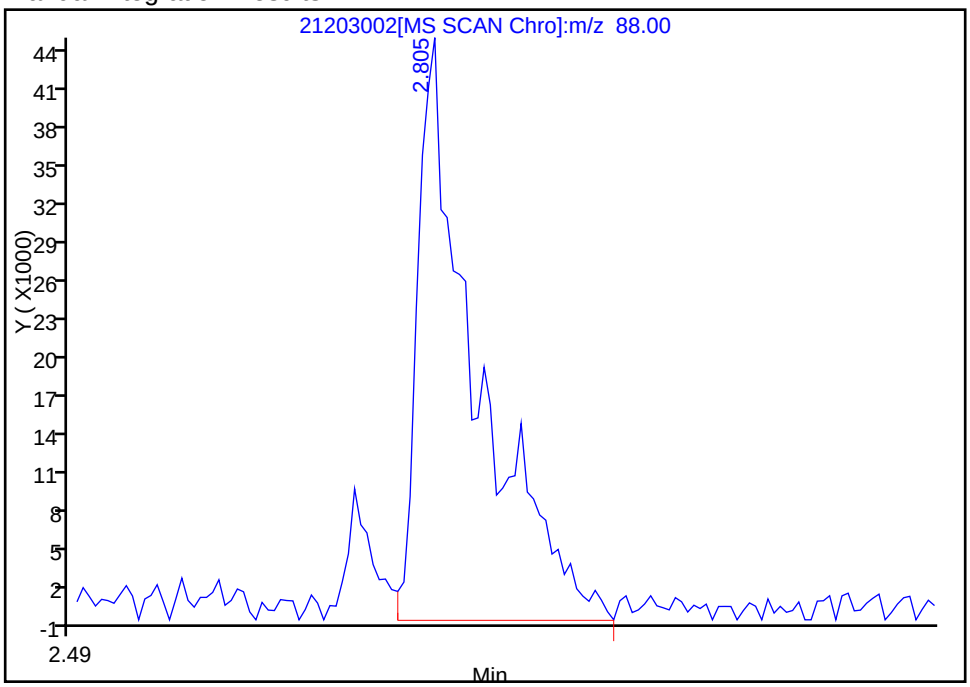
Processing Integration Results

RT: 2.80
Response: 100040
Amount: 5.000000



Manual Integration Results

RT: 2.80
Response: 154568
Amount: 5.079281



Reviewer: ulmanm, 03-Dec-2012 12:20:24
Audit Action: Manually Integrated
Audit Reason: Tailing or Fronting

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203003.D		
Lims ID:	std4 tcl	Client ID:	
Inject. Date:	03-Dec-2012 11:57:30	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	4
Sample ID:	240-0015467-003		
Misc. Info.:	STD4 TCL =STD4 TCL		
Operator:	001574	Instrument ID:	A4HP9
Injection Vol:	1.0 ul	ALS Bottle#:	3
Lims Batch ID:	67070	Lims Sample ID:	3
Sublist:	chrom-8270 _9*sub13		
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\8270 _9.m		
Last Update:	04-Dec-2012 08:01:18	Calib Date:	03-Dec-2012 15:01:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK031		
First Level Reviewer: ulmanm		Date:	03-Dec-2012 12:35:06

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	6.053	6.053	0.0	82	161885	4.00	
* 2 Naphthalene-d8	136	7.159	7.159	0.0	98	675596	4.00	
* 3 Acenaphthene-d10	164	8.650	8.649	0.001	66	424933	4.00	
* 4 Phenanthrene-d10	188	9.916	9.915	0.001	80	757981	4.00	
* 5 Chrysene-d12	240	12.533	12.538	-0.005	79	749258	4.00	
* 6 Perylene-d12	264	14.676	14.681	-0.005	78	598639	4.00	
$ 7 2-Fluorophenol	112	4.830	4.830	0.0	92	128768	2.02	
$ 8 Phenol-d5	99	5.685	5.684	0.001	0	178013	1.94	
$ 9 Nitrobenzene-d5	82	6.529	6.528	0.001	83	194252	1.88	
$ 10 2-Fluorobiphenyl (Surr)	172	8.062	8.062	0.0	95	263515	1.87	
$ 11 2,4,6-Tribromophenol	330	9.317	9.317	0.0	69	33836	2.06	
$ 12 Terphenyl-d14	244	11.294	11.294	0.0	94	304916	1.99	
25 1,4-Dioxane	88	2.805	2.805	0.0	71	73600	2.34	M
26 N-Nitrosodimethylamine	74	3.302	3.275	0.027	73	67969	1.65	M
27 Pyridine	79	3.340	3.318	0.022	94	153463	1.82	
28 Ethyl methacrylate	69	3.879	3.879	0.0	77	161059	1.97	
29 3-Chloropropionitrile	54	4.221	4.215	0.006	91	57636	1.93	M
33 Malononitrile	66		4.627					
41 Benzaldehyde	77	5.663	5.663	0.0	83	159811	1.92	
43 Phenol	94	5.701	5.700	0.001	93	199816	1.92	
44 Aniline	93	5.754	5.754	0.0	83	247876	1.90	
69 Bis(2-chloroethyl)ether	93	5.802	5.802	0.0	95	158390	1.97	
46 2-Chlorophenol	128	5.861	5.861	0.0	85	117271	1.98	
47 1,3-Dichlorobenzene	146	6.005	6.005	0.0	83	131225	2.06	
48 1,4-Dichlorobenzene	146	6.069	6.069	0.0	78	131422	2.05	
49 Benzyl alcohol	108	6.155	6.154	0.001	82	92107	1.89	
50 1,2-Dichlorobenzene	146	6.203	6.203	0.0	80	127458	2.06	
51 2-Methylphenol	108	6.235	6.240	-0.005	91	137096	1.97	
53 2,2'-oxybis[1-chloropropane]	45	6.272	6.272	0.0	96	163862	2.00	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
21 3 & 4 Methylphenol	108	6.363	6.363	0.0	88	142155	1.92	
57 N-Nitrosodi-n-propylamine	70	6.385	6.384	0.001	73	136985	1.88	
58 Acetophenone	105	6.395	6.395	0.0	79	200038	1.86	
61 Hexachloroethane	117	6.502	6.502	0.0	88	62068	2.07	
62 Nitrobenzene	77	6.545	6.544	0.001	74	208929	1.92	
64 Isophorone	82	6.748	6.747	0.001	95	365723	1.84	
66 2-Nitrophenol	139	6.823	6.822	0.001	79	57138	1.93	
65 2,4-Dimethylphenol	107	6.828	6.828	0.0	93	162458	1.95	
67 1,3,5-Trichlorobenzene	180	6.833	6.833	0.0	86	124050	2.04	
71 Benzoic acid	122	6.855	6.865	-0.010	73	98753	4.13	M
70 Bis(2-chloroethoxy)methane	93	6.919	6.918	0.001	96	191667	1.89	
73 2,4-Dichlorophenol	162	7.020	7.020	0.0	90	96906	2.02	
74 1,2,4-Trichlorobenzene	180	7.100	7.100	0.0	76	124736	2.11	
75 Naphthalene	128	7.175	7.175	0.0	94	338015	1.82	
76 4-Chloroaniline	127	7.202	7.202	0.0	62	136785	1.86	
79 Hexachlorobutadiene	225	7.271	7.271	0.0	83	63712	1.97	
80 1,2,3-Trichlorobenzene	180	7.293	7.292	0.001	73	105880	0	
84 Caprolactam	113	7.474	7.479	-0.005	78	42653	2.18	
86 4-Chloro-3-methylphenol	107	7.592	7.592	0.0	81	141534	2.02	
87 2-Methylnaphthalene	142	7.763	7.762	0.001	85	225921	1.94	
88 1-Methylnaphthalene	142	7.848	7.848	0.0	81	211190	1.88	
90 1,2,3,5-Tetrachlorobenzene	216	7.891	7.891	0.0	85	115999	1.96	
89 Hexachlorocyclopentadiene	237	7.891	7.891	0.0	72	62483	1.83	
92 2,4,6-Trichlorophenol	196	7.987	7.987	0.0	80	72898	1.98	
93 2,4,5-Trichlorophenol	196	8.019	8.019	0.0	89	80751	1.99	
97 2,4-Toluene diamine	121	8.131	8.131	0.0	92	57287	1.73	
99 1,2,3,4 -Tetrachlorobenzene	216	8.147	8.147	0.0	86	118726	0	
98 1,1'-Biphenyl	154	8.147	8.152	-0.005	94	298603	1.95	
100 2-Chloronaphthalene	162	8.179	8.179	0.0	94	224430	1.92	
102 2-Nitroaniline	65	8.249	8.249	0.0	64	106992	1.96	
105 Dimethyl phthalate	163	8.388	8.388	0.0	93	262446	1.90	
107 2,6-Dinitrotoluene	165	8.447	8.446	0.001	74	55828	1.94	
108 1,2-Dinitrobenzene	168	8.495	8.494	0.001	70	25396	1.80	
109 Acenaphthylene	152	8.532	8.537	-0.005	66	351616	1.88	
110 3-Nitroaniline	138	8.591	8.591	0.001	78	60951	1.97	
111 2,4-Dinitrophenol	184	8.676	8.676	0.0	59	48766	3.90	
112 Acenaphthene	153	8.682	8.681	0.001	88	221678	1.87	
113 4-Nitrophenol	109	8.698	8.697	0.001	79	41218	1.81	
114 2,4-Dinitrotoluene	165	8.789	8.788	0.0	75	75165	1.95	
116 Dibenzofuran	168	8.826	8.826	0.0	85	326470	1.91	
118 2,3,5,6-Tetrachlorophenol	232	8.879	8.879	0.0	85	62062	1.85	
121 Diethyl phthalate	149	8.975	8.980	-0.005	92	261466	1.91	
123 4-Chlorophenyl phenyl ether	204	9.098	9.098	0.0	91	141595	1.93	
125 4-Nitroaniline	138	9.109	9.109	0.0	82	62979	1.94	
126 Fluorene	166	9.114	9.114	0.0	69	274254	1.89	
128 4,6-Dinitro-2-methylphenol	198	9.130	9.130	0.0	66	39778	1.98	
131 N-Nitrosodiphenylamine	169	9.195	9.194	0.0	97	206062	1.97	
133 Azobenzene	77	9.232	9.237	-0.005	94	459925	1.80	
132 1,2-Diphenylhydrazine	77	9.232	9.237	-0.005	100	457089	1.79	
139 4-Bromophenyl phenyl ether	248	9.515	9.520	-0.005	68	76066	1.99	
141 Hexachlorobenzene	284	9.584	9.584	0.0	77	75787	1.97	
142 Atrazine	200	9.622	9.622	0.0	80	69824	2.09	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
143 Pentachlorophenol	266	9.739	9.739	0.0	76	105285	4.12	
148 Phenanthrene	178	9.937	9.937	0.0	80	419489	1.85	
149 Anthracene	178	9.980	9.979	0.001	83	402882	1.78	
151 Carbazole	167	10.103	10.102	0.001	62	366937	1.81	
154 Di-n-butyl phthalate	149	10.359	10.359	0.0	99	473027	1.90	
159 Fluoranthene	202	10.957	10.957	0.0	76	494739	1.91	
160 Benzidine	184	11.054	11.053	0.001	84	179325	1.81	M
161 Pyrene	202	11.176	11.176	0.0	78	494245	1.91	
168 Butyl benzyl phthalate	149	11.785	11.785	0.0	83	201465	1.95	
172 3,3'-Dimethoxybenzidine	244	12.416	12.415	0.001	78	78653	1.84	
174 4,4'-Methylene bis(2-chloroanili	231	12.459	12.464	-0.005	68	79087	1.89	
175 3,3'-Dichlorobenzidine	252	12.459	12.464	-0.005	66	145915	1.92	
173 Bis(2-ethylhexyl) phthalate	149	12.485	12.485	0.0	96	307506	2.00	
177 Benzo[a]anthracene	228	12.523	12.522	0.001	89	435351	1.87	
178 Chrysene	228	12.571	12.576	-0.005	79	411538	1.92	
180 Di-n-octyl phthalate	149	13.420	13.425	-0.005	98	469921	2.10	
182 Benzo[b]fluoranthene	252	14.077	14.077	0.0	88	397416	1.92	
183 Benzo[k]fluoranthene	252	14.120	14.120	0.0	77	442164	2.07	
184 Benzo[a]pyrene	252	14.590	14.595	-0.005	75	379895	1.94	
188 Indeno[1,2,3-cd]pyrene	276	16.396	16.401	-0.005	80	426262	1.98	
189 Dibenz(a,h)anthracene	278	16.422	16.427	-0.005	31	359396	2.04	
190 Benzo[g,h,i]perylene	276	16.876	16.881	-0.005	77	352887	1.95	
S 191 Methyl Phenols,Total	100				0		3.89	

QC Flag Legend

Review Flags
M - Manually Integrated

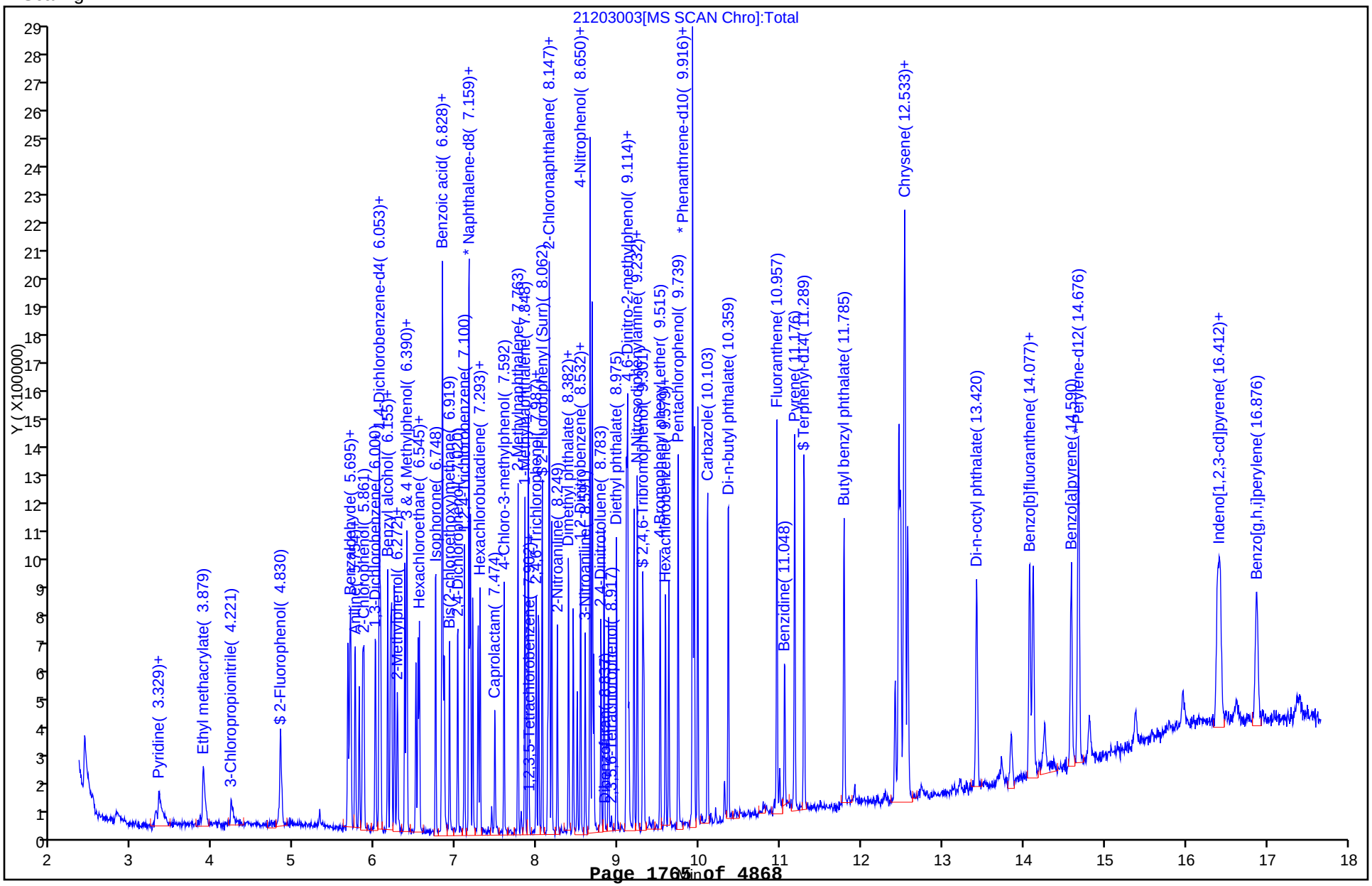
Report Date: 04-Dec-2012 08:01:18 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203003.D

Injection Date:	03-Dec-2012 11:57:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	3
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



Report Date: 04-Dec-2012 08:01:18 Chrom Revision: 2.0 27-Nov-2012 13:14:12

Manual Integration/User Assign Peak Report

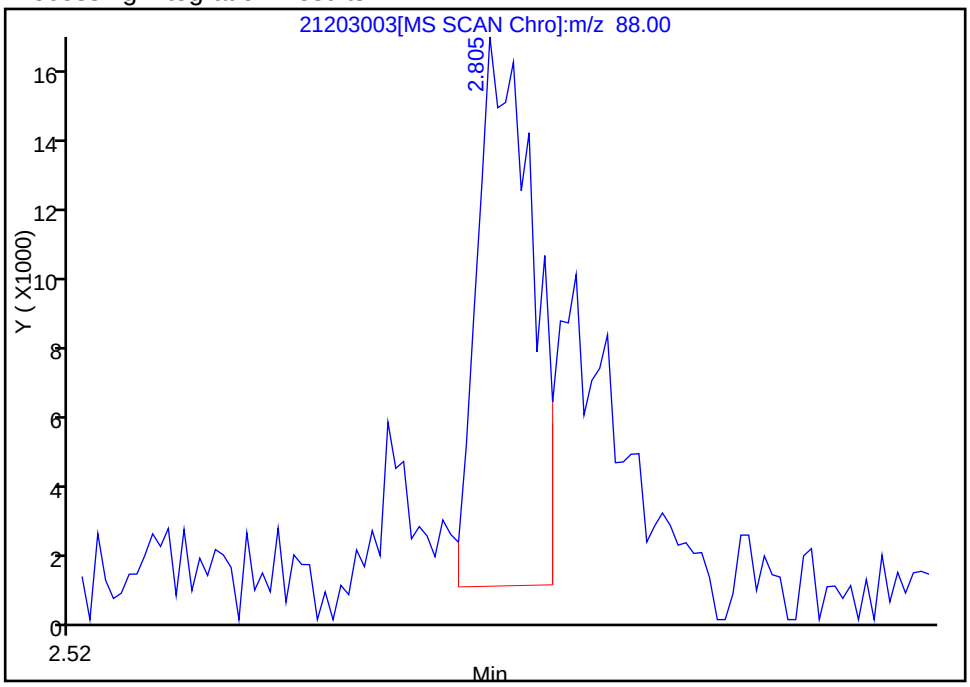
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203003.D		
Injection Date:	03-Dec-2012 11:57:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	3
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

25 1,4-Dioxane, Signal: 1, m/z: 88.0 Type: quant, RT: 2.80

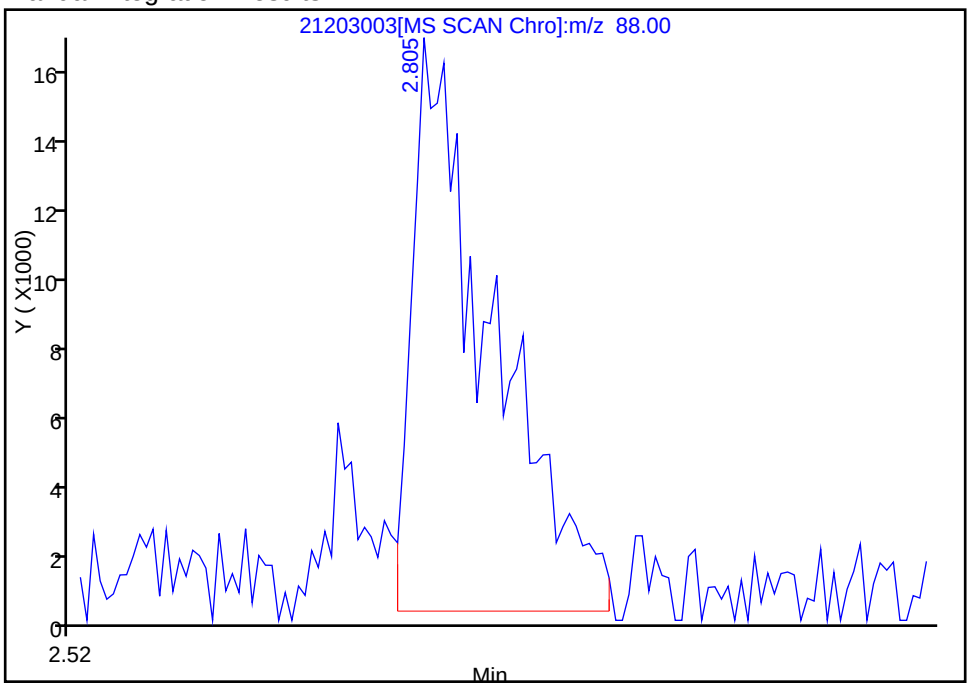
Processing Integration Results

RT: 2.81
Response: 41916
Amount: 1.585416



Manual Integration Results

RT: 2.81
Response: 73600
Amount: 2.342400



Reviewer: ulmanm, 03-Dec-2012 12:35:06
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

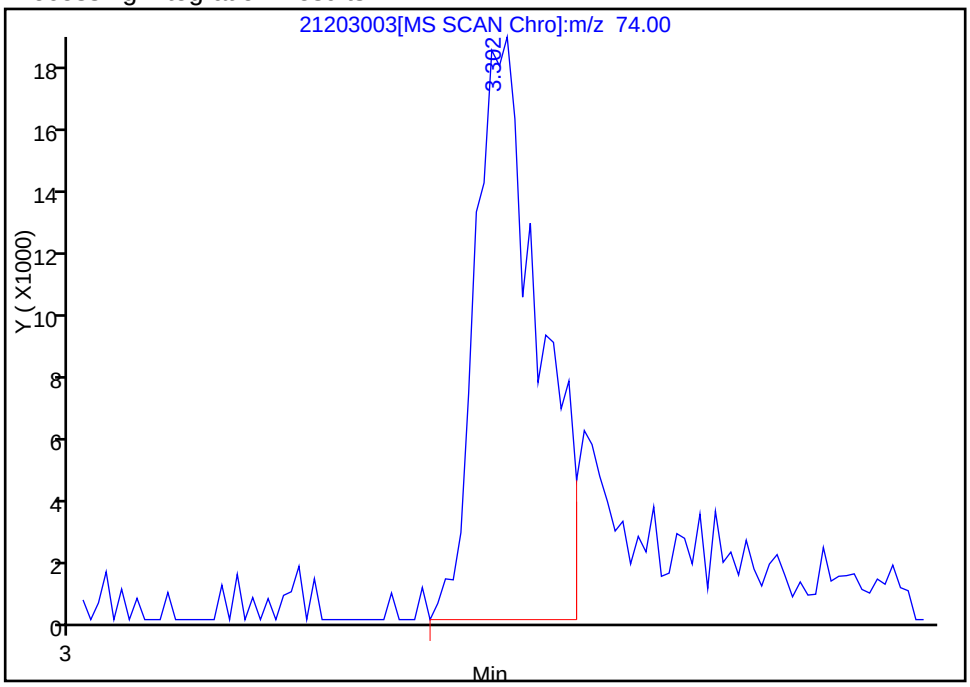
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203003.D		
Injection Date:	03-Dec-2012 11:57:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	3
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

26 N-Nitrosodimethylamine, Signal: 1, m/z: 74.0 Type: quant, RT: 3.28

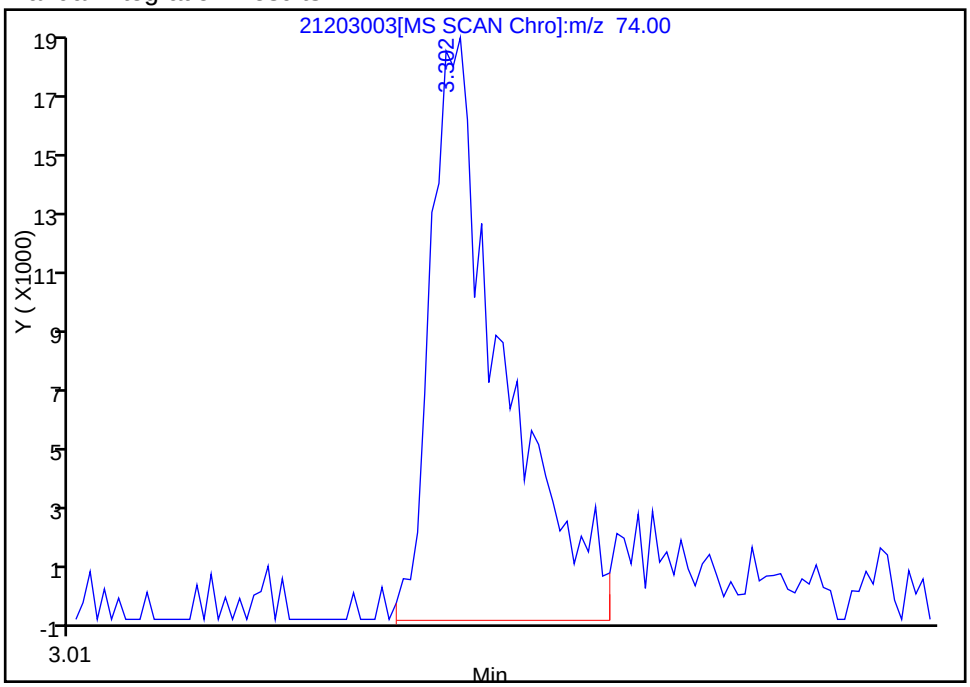
Processing Integration Results

RT: 3.30
Response: 55497
Amount: 1.706845



Manual Integration Results

RT: 3.30
Response: 67969
Amount: 1.646186



Reviewer: ulmanm, 03-Dec-2012 12:35:06
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

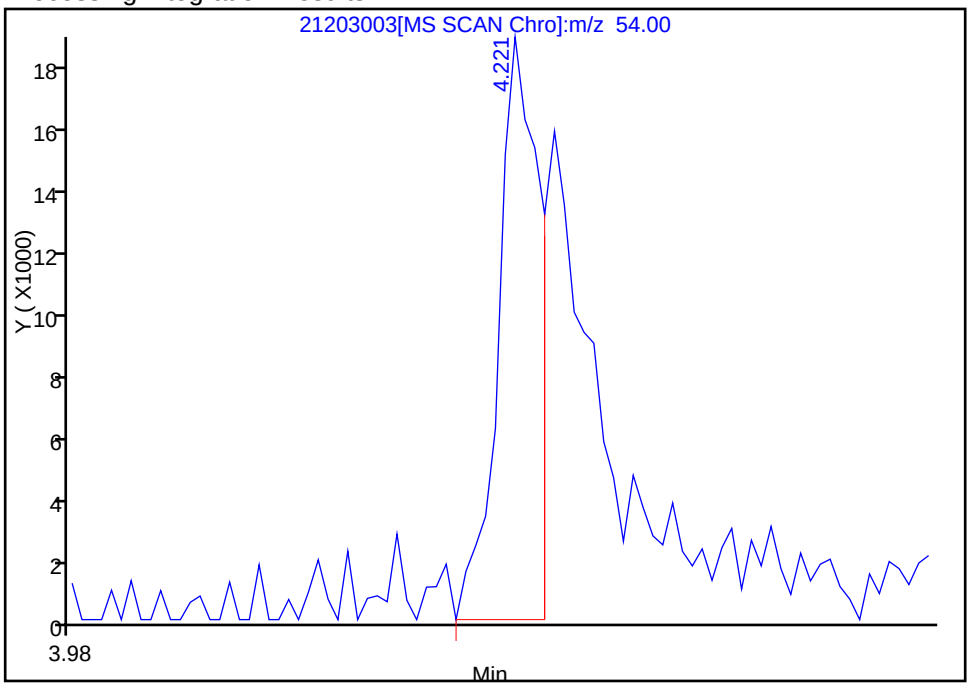
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203003.D		
Injection Date:	03-Dec-2012 11:57:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	3
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

29 3-Chloropropionitrile, Signal: 1, m/z: 54.0 Type: quant, RT: 4.22

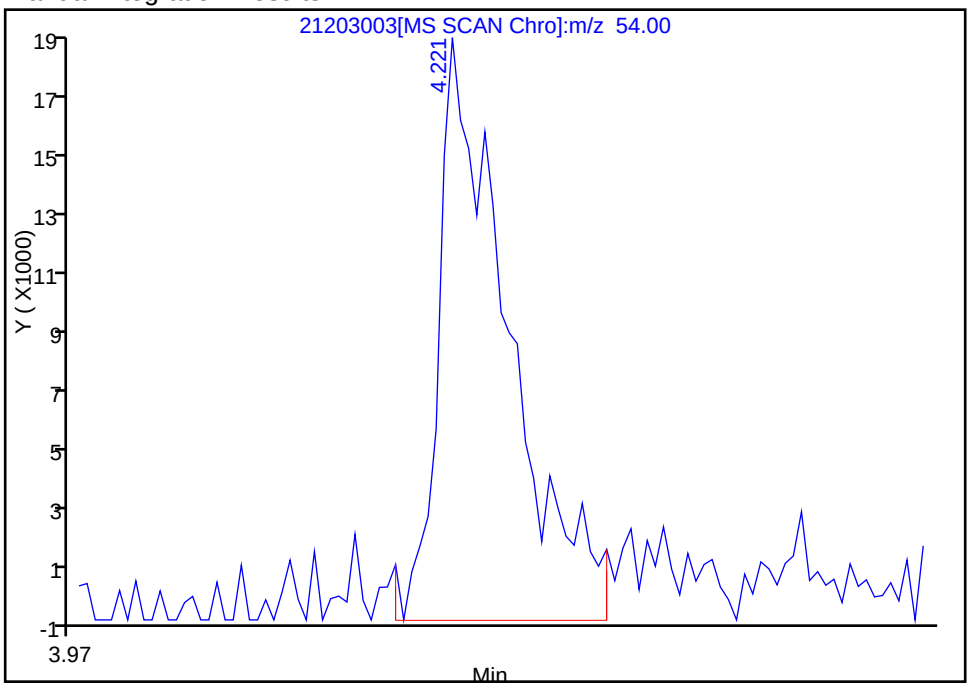
Processing Integration Results

RT: 4.22
Response: 28213
Amount: 1.354113



Manual Integration Results

RT: 4.22
Response: 57636
Amount: 1.930060



Reviewer: ulmanm, 03-Dec-2012 12:35:06
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

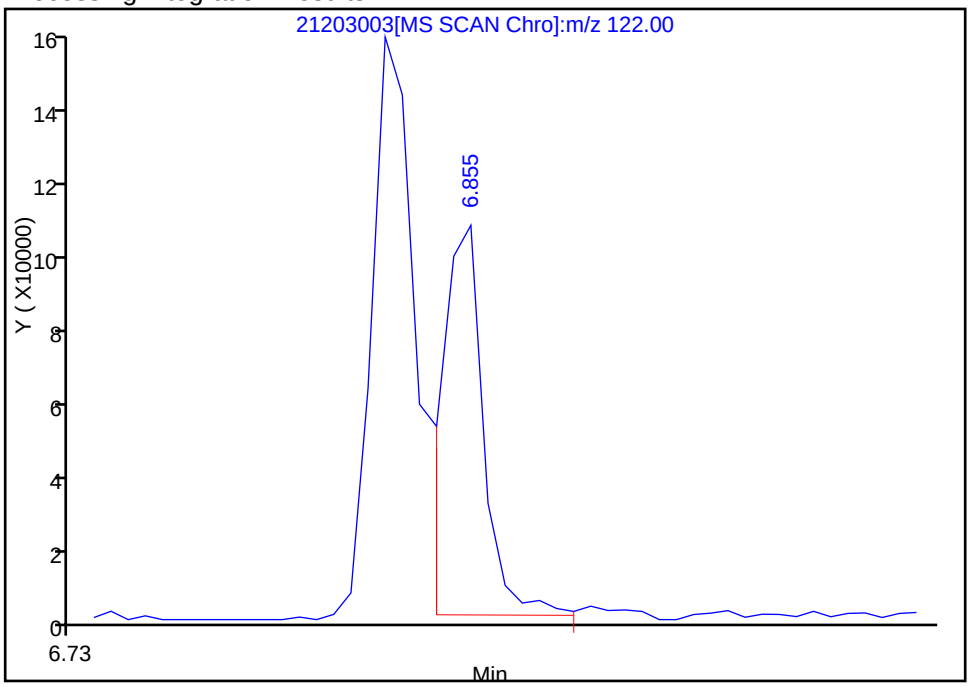
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203003.D		
Injection Date:	03-Dec-2012 11:57:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	3
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

71 Benzoic acid, Signal: 1, m/z: 122.0 Type: quant, RT: 6.86

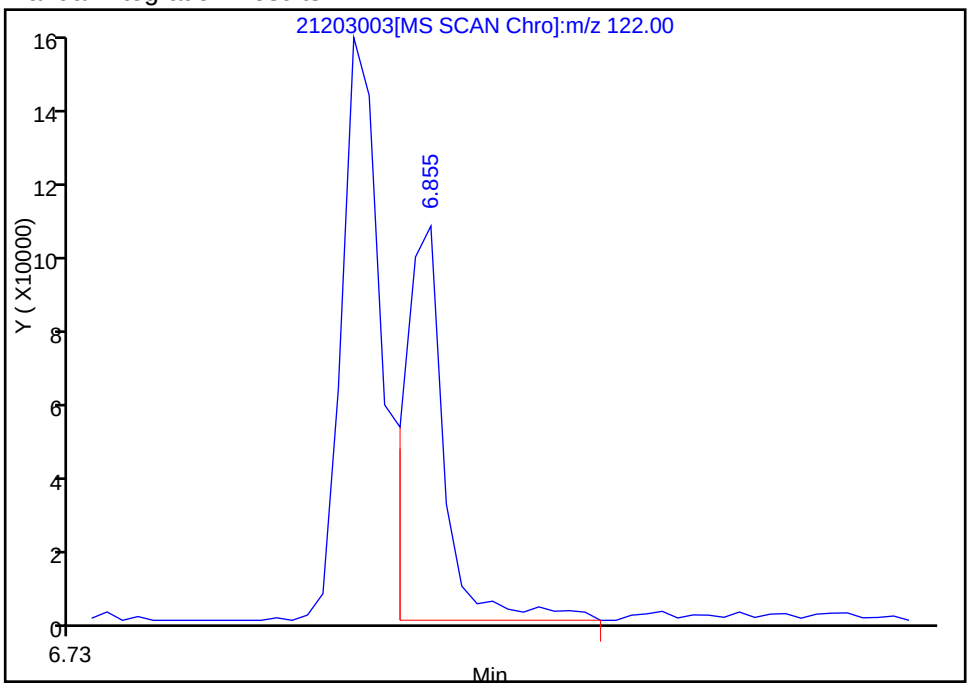
Processing Integration Results

RT: 6.85
Response: 92193
Amount: 3.536955



Manual Integration Results

RT: 6.85
Response: 98753
Amount: 4.125413



Reviewer: ulmanm, 03-Dec-2012 12:35:06
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

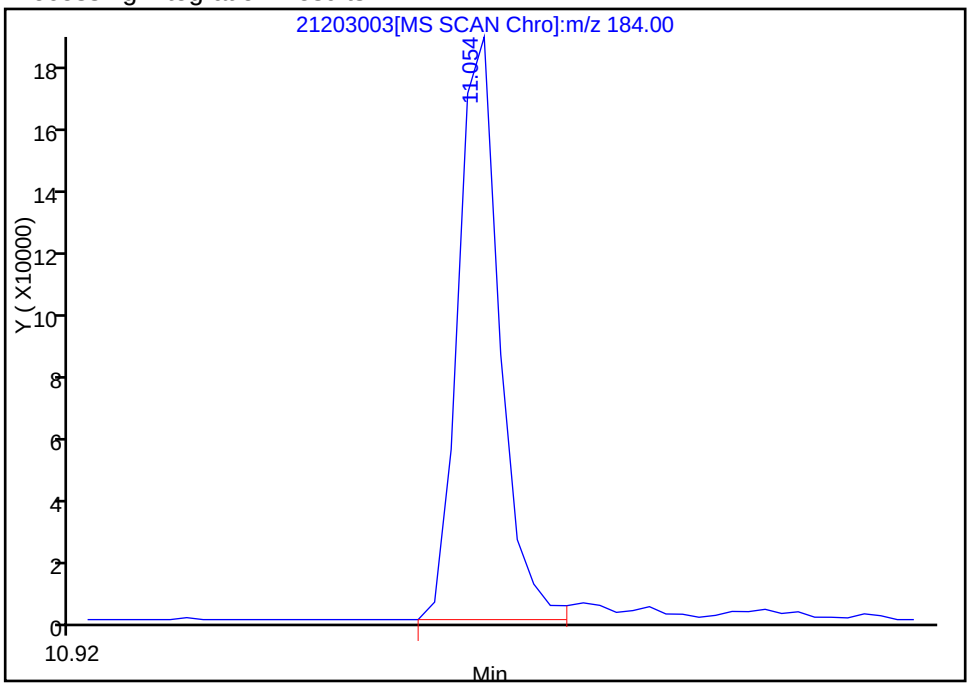
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203003.D		
Injection Date:	03-Dec-2012 11:57:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	3
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

160 Benzidine, Signal: 1, m/z: 184.0 Type: quant, RT: 11.05

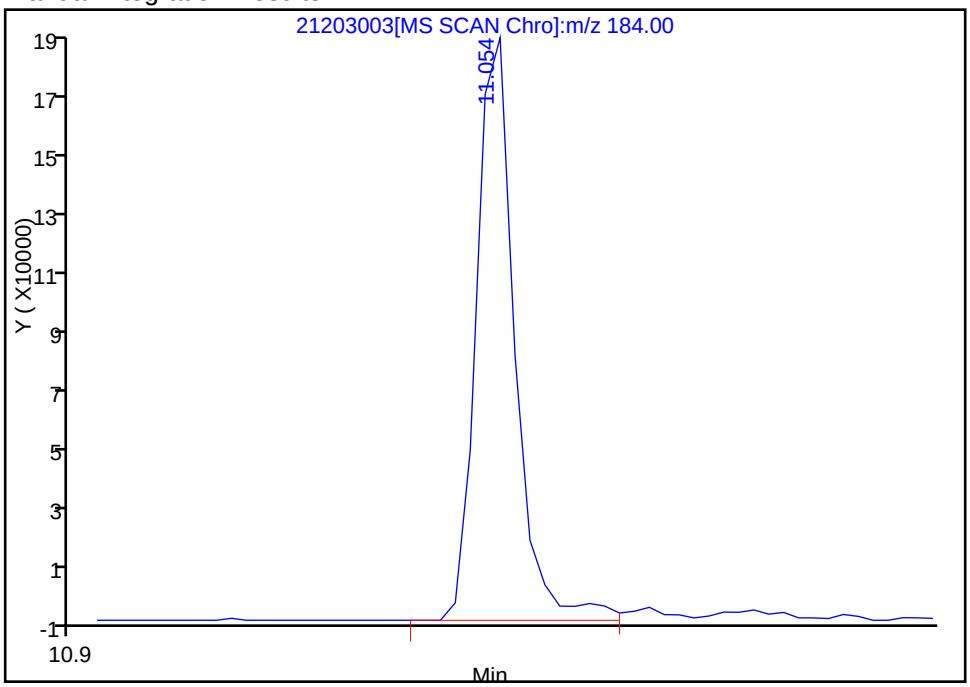
Processing Integration Results

RT: 11.05
Response: 175241
Amount: 1.650461



Manual Integration Results

RT: 11.05
Response: 179325
Amount: 1.812593



Reviewer: ulmanm, 03-Dec-2012 12:35:06
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203004.D		
Lims ID:	std3 tcl	Client ID:	
Inject. Date:	03-Dec-2012 12:23:30	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	3
Sample ID:	240-0015467-004		
Misc. Info.:	STD3 TCL =STD3 TCL		
Operator:	001574	Instrument ID:	A4HP9
Injection Vol:	1.0 ul	ALS Bottle#:	4
Lims Batch ID:	67070	Lims Sample ID:	4
Sublist:	chrom-8270 _9*sub13		
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\8270 _9.m		
Last Update:	04-Dec-2012 08:01:19	Calib Date:	03-Dec-2012 15:01:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK031		
First Level Reviewer: ulmanm		Date:	03-Dec-2012 13:20:21

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	6.052	6.053	-0.001	87	180951	4.00	
* 2 Naphthalene-d8	136	7.158	7.159	-0.001	98	731197	4.00	
* 3 Acenaphthene-d10	164	8.654	8.649	0.005	67	458264	4.00	
* 4 Phenanthrene-d10	188	9.914	9.915	-0.001	74	827757	4.00	
* 5 Chrysene-d12	240	12.537	12.538	-0.001	76	808779	4.00	
* 6 Perylene-d12	264	14.674	14.681	-0.007	78	656164	4.00	
$ 7 2-Fluorophenol	112	4.829	4.830	-0.001	82	71467	1.00	
$ 8 Phenol-d5	99	5.689	5.684	0.005	0	83118	0.8085	
$ 9 Nitrobenzene-d5	82	6.527	6.528	-0.001	81	102066	0.9121	
$ 10 2-Fluorobiphenyl (Surr)	172	8.061	8.062	-0.001	92	139870	0.9191	
$ 11 2,4,6-Tribromophenol	330	9.316	9.317	-0.001	56	15445	0.8703	
$ 12 Terphenyl-d14	244	11.293	11.294	-0.001	94	140052	0.8453	
25 1,4-Dioxane	88	2.809	2.805	0.004	53	36233	1.03	
26 N-Nitrosodimethylamine	74	3.295	3.275	0.020	54	38998	0.8450	M
27 Pyridine	79	3.333	3.318	0.015	83	98326	1.04	M
28 Ethyl methacrylate	69	3.878	3.879	-0.001	65	88277	0.9664	M
29 3-Chloropropionitrile	54	4.225	4.215	0.010	61	32110	0.9620	M
33 Malononitrile	66		4.627					
41 Benzaldehyde	77	5.662	5.663	-0.001	79	85156	0.9630	
43 Phenol	94	5.699	5.700	-0.001	92	104773	0.8995	
44 Aniline	93	5.753	5.754	-0.001	91	132878	0.9129	
69 Bis(2-chloroethyl)ether	93	5.801	5.802	-0.001	92	83963	0.9343	
46 2-Chlorophenol	128	5.860	5.861	-0.001	91	65098	0.9852	
47 1,3-Dichlorobenzene	146	6.004	6.005	-0.001	81	68057	0.9580	
48 1,4-Dichlorobenzene	146	6.068	6.069	-0.001	80	72462	1.01	
49 Benzyl alcohol	108	6.153	6.154	-0.001	76	47603	0.8740	
50 1,2-Dichlorobenzene	146	6.201	6.203	-0.002	78	72856	1.06	
51 2-Methylphenol	108	6.239	6.240	-0.001	93	70206	0.9036	
53 2,2'-oxybis[1-chloropropane]	45	6.271	6.272	-0.001	97	86200	0.9412	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
21 3 & 4 Methylphenol	108	6.362	6.363	-0.001	89	76864	0.9296	
57 N-Nitrosodi-n-propylamine	70	6.383	6.384	-0.001	70	74460	0.9138	
58 Acetophenone	105	6.394	6.395	-0.001	79	111915	0.9325	
61 Hexachloroethane	117	6.501	6.502	-0.001	84	31356	0.9342	
62 Nitrobenzene	77	6.543	6.544	-0.001	74	107279	0.9107	
64 Isophorone	82	6.746	6.747	-0.001	93	180520	0.8402	
66 2-Nitrophenol	139	6.821	6.822	-0.001	83	30729	0.9568	
65 2,4-Dimethylphenol	107	6.832	6.828	0.004	95	86010	0.9535	
67 1,3,5-Trichlorobenzene	180	6.832	6.833	-0.001	75	62851	0.9536	
71 Benzoic acid	122	6.843	6.865	-0.022	0	43345	2.57	M
70 Bis(2-chloroethoxy)methane	93	6.917	6.918	-0.001	92	102759	0.9348	
73 2,4-Dichlorophenol	162	7.019	7.020	-0.001	88	50413	0.9730	
74 1,2,4-Trichlorobenzene	180	7.099	7.100	-0.001	80	59431	0.9274	
75 Naphthalene	128	7.174	7.175	-0.001	91	179633	0.8945	
76 4-Chloroaniline	127	7.206	7.202	0.004	59	76741	0.9663	
79 Hexachlorobutadiene	225	7.270	7.271	-0.001	80	34526	0.9879	
80 1,2,3-Trichlorobenzene	180	7.297	7.292	0.005	84	58785	0	
84 Caprolactam	113	7.473	7.479	-0.006	73	23626	1.12	
86 4-Chloro-3-methylphenol	107	7.590	7.592	-0.002	79	67551	0.8890	
87 2-Methylnaphthalene	142	7.761	7.762	-0.001	90	119237	0.9472	
88 1-Methylnaphthalene	142	7.847	7.848	-0.001	76	117141	0.9617	
90 1,2,3,5-Tetrachlorobenzene	216	7.890	7.891	-0.001	82	64586	1.01	
89 Hexachlorocyclopentadiene	237	7.890	7.891	-0.001	61	33939	0.9213	
92 2,4,6-Trichlorophenol	196	7.986	7.987	-0.001	81	39472	0.99	
93 2,4,5-Trichlorophenol	196	8.018	8.019	-0.001	88	45065	1.03	
97 2,4-Toluene diamine	121	8.130	8.131	-0.001	88	37351	1.04	
99 1,2,3,4 -Tetrachlorobenzene	216	8.146	8.147	-0.001	82	59425	0	
98 1,1'-Biphenyl	154	8.151	8.152	-0.001	87	155182	0.9375	
100 2-Chloronaphthalene	162	8.178	8.179	-0.001	96	120779	0.9560	
102 2-Nitroaniline	65	8.248	8.249	-0.001	68	53615	0.9115	
105 Dimethyl phthalate	163	8.386	8.388	-0.002	91	131956	0.8864	
107 2,6-Dinitrotoluene	165	8.445	8.446	-0.001	66	26244	0.8477	
108 1,2-Dinitrobenzene	168	8.493	8.494	-0.001	67	14355	0.9430	
109 Acenaphthylene	152	8.536	8.537	-0.001	92	179744	0.8918	
110 3-Nitroaniline	138	8.589	8.591	-0.001	82	29136	0.8749	
111 2,4-Dinitrophenol	184	8.675	8.676	-0.001	46	22221	2.54	
112 Acenaphthene	153	8.680	8.681	-0.001	81	112464	0.8798	
113 4-Nitrophenol	109	8.696	8.697	-0.001	77	22450	0.9161	
114 2,4-Dinitrotoluene	165	8.787	8.788	-0.001	70	33761	0.8127	
116 Dibenzofuran	168	8.824	8.826	-0.002	88	171901	0.9320	
118 2,3,5,6-Tetrachlorophenol	232	8.878	8.879	-0.001	86	33187	0.9156	
121 Diethyl phthalate	149	8.979	8.980	-0.001	92	130788	0.8875	
123 4-Chlorophenyl phenyl ether	204	9.097	9.098	-0.001	90	78374	0.9891	
125 4-Nitroaniline	138	9.108	9.109	-0.001	68	31051	0.8853	
126 Fluorene	166	9.113	9.114	-0.001	60	148698	0.9523	
128 4,6-Dinitro-2-methylphenol	198	9.129	9.130	-0.001	60	15977	1.15	
131 N-Nitrosodiphenylamine	169	9.193	9.194	-0.001	91	99063	0.8663	
133 Azobenzene	77	9.236	9.237	-0.001	93	238402	0.8562	
132 1,2-Diphenylhydrazine	77	9.236	9.237	-0.001	100	238402	0.8562	
139 4-Bromophenyl phenyl ether	248	9.519	9.520	-0.001	73	36737	0.8801	
141 Hexachlorobenzene	284	9.583	9.584	-0.001	80	38543	0.9152	
142 Atrazine	200	9.620	9.622	-0.002	79	34876	0.9579	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
143 Pentachlorophenol	266	9.738	9.739	-0.001	78	47995	1.99	
148 Phenanthrene	178	9.936	9.937	-0.001	80	229503	0.9280	
149 Anthracene	178	9.978	9.979	-0.001	83	219050	0.8842	
151 Carbazole	167	10.101	10.102	-0.001	78	190352	0.8579	
154 Di-n-butyl phthalate	149	10.358	10.359	-0.001	98	219458	0.8052	
159 Fluoranthene	202	10.956	10.957	-0.001	81	243024	0.8609	
160 Benzidine	184	11.052	11.053	-0.001	84	86398	1.11	
161 Pyrene	202	11.175	11.176	-0.001	78	251331	0.8981	
168 Butyl benzyl phthalate	149	11.784	11.785	-0.001	81	94335	0.8446	
172 3,3'-Dimethoxybenzidine	244	12.414	12.415	-0.001	74	39058	1.16	
174 4,4'-Methylene bis(2-chloroanili	231	12.462	12.464	-0.002	72	39962	0.8854	
175 3,3'-Dichlorobenzidine	252	12.462	12.464	-0.002	71	71021	0.99	
173 Bis(2-ethylhexyl) phthalate	149	12.484	12.485	-0.001	89	136001	0.8183	
177 Benzo[a]anthracene	228	12.521	12.522	-0.001	81	244392	0.9704	
178 Chrysene	228	12.569	12.576	-0.007	79	203554	0.8814	
180 Di-n-octyl phthalate	149	13.424	13.425	-0.001	97	201729	0.8598	
182 Benzo[b]fluoranthene	252	14.076	14.077	-0.001	83	214322	0.9423	
183 Benzo[k]fluoranthene	252	14.119	14.120	-0.002	81	206313	0.8820	
184 Benzo[a]pyrene	252	14.589	14.595	-0.006	64	191163	0.8903	
188 Indeno[1,2,3-cd]pyrene	276	16.394	16.401	-0.007	81	224422	0.9515	M
189 Dibenz(a,h)anthracene	278	16.426	16.427	-0.001	65	178133	0.9202	
190 Benzo[g,h,i]perylene	276	16.875	16.881	-0.006	72	178013	0.8986	
S 191 Methyl Phenols,Total	100				0		1.83	

QC Flag Legend

Review Flags
M - Manually Integrated

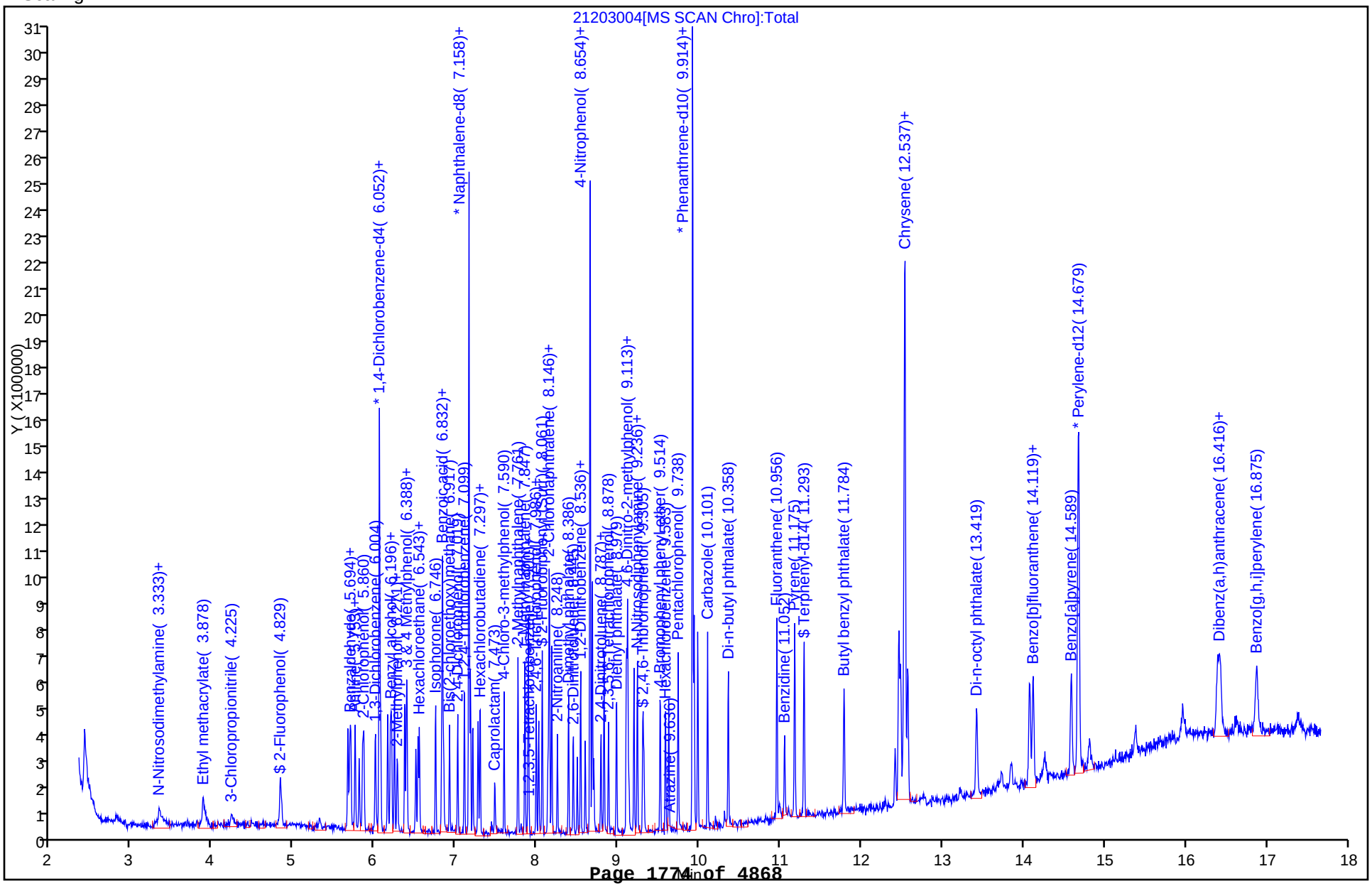
Report Date: 04-Dec-2012 08:01:20 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203004.D

Injection Date:	03-Dec-2012 12:23:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	4
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



Manual Integration/User Assign Peak Report

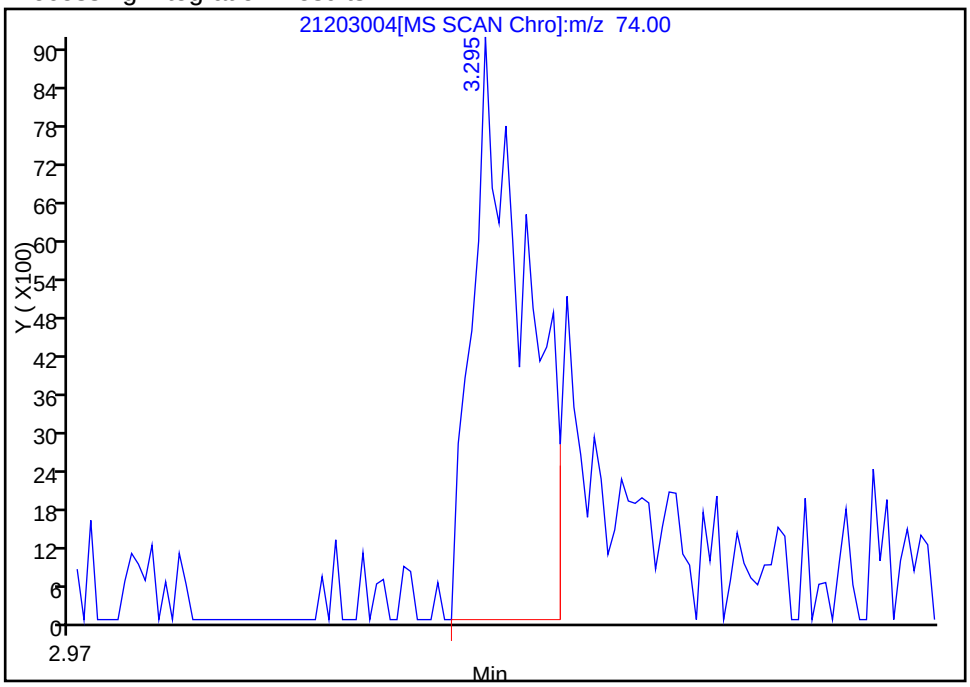
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203004.D		
Injection Date:	03-Dec-2012 12:23:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	4
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

26 N-Nitrosodimethylamine, Signal: 1, m/z: 74.0 Type: quant, RT: 3.28

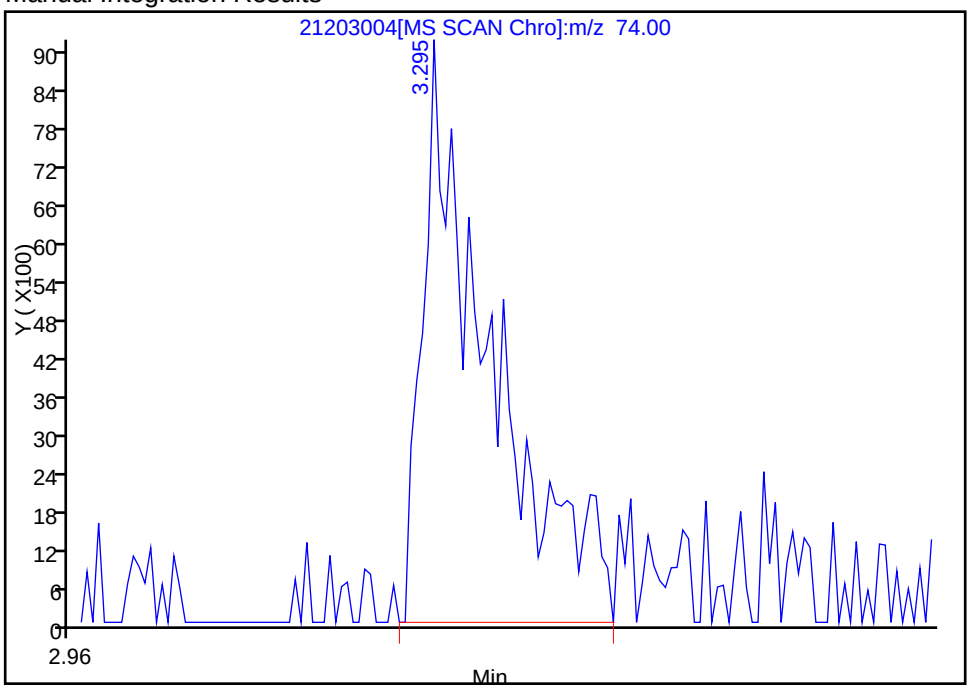
Processing Integration Results

RT: 3.30
Response: 26879
Amount: 0.756892



Manual Integration Results

RT: 3.30
Response: 38998
Amount: 0.844999



Reviewer: ulmanm, 03-Dec-2012 13:20:21
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

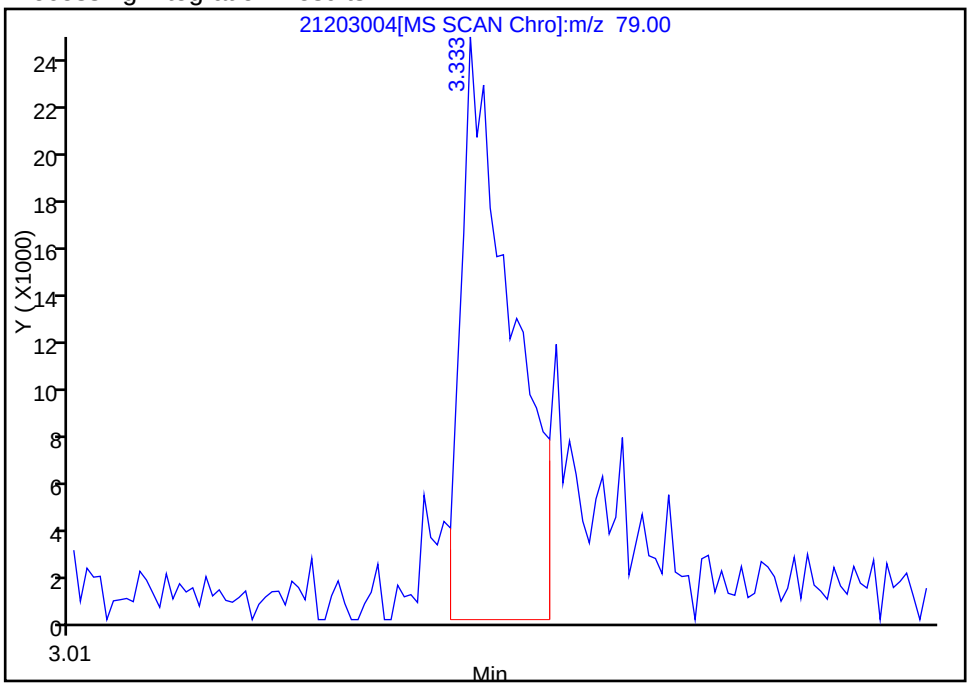
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203004.D		
Injection Date:	03-Dec-2012 12:23:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	4
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

27 Pyridine, Signal: 1, m/z: 79.0 Type: quant, RT: 3.32

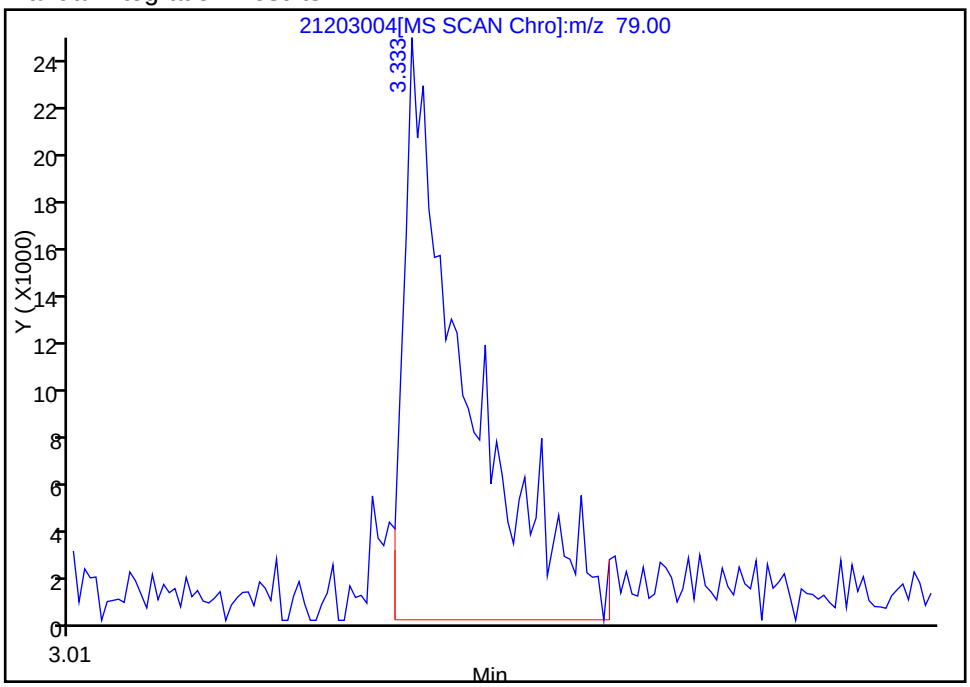
Processing Integration Results

RT: 3.33
Response: 68455
Amount: 0.834802



Manual Integration Results

RT: 3.33
Response: 98326
Amount: 1.044078



Reviewer: ulmanm, 03-Dec-2012 13:20:21
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

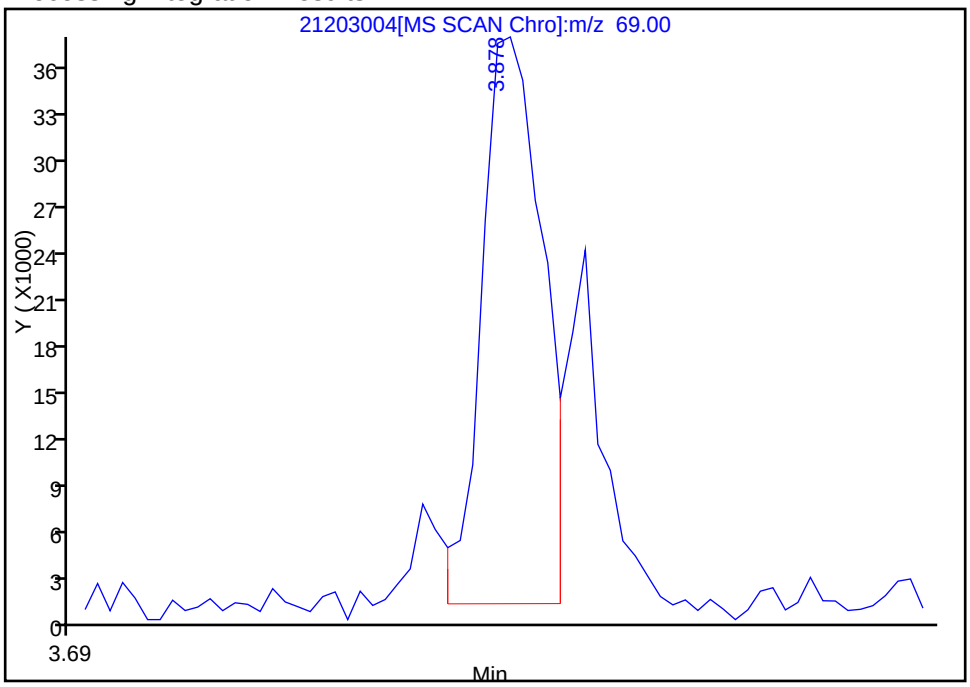
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203004.D		
Injection Date:	03-Dec-2012 12:23:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	4
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

28 Ethyl methacrylate, Signal: 1, m/z: 69.0 Type: quant, RT: 3.88

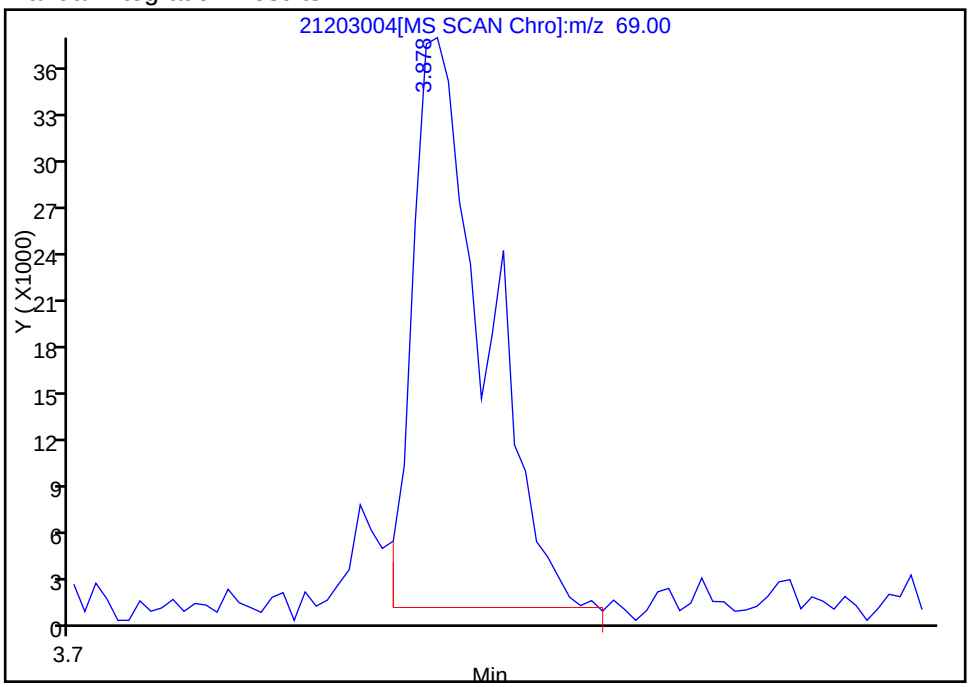
Processing Integration Results

RT: 3.88
Response: 66442
Amount: 0.817365



Manual Integration Results

RT: 3.88
Response: 88277
Amount: 0.966433



Reviewer: ulmanm, 03-Dec-2012 13:20:21
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

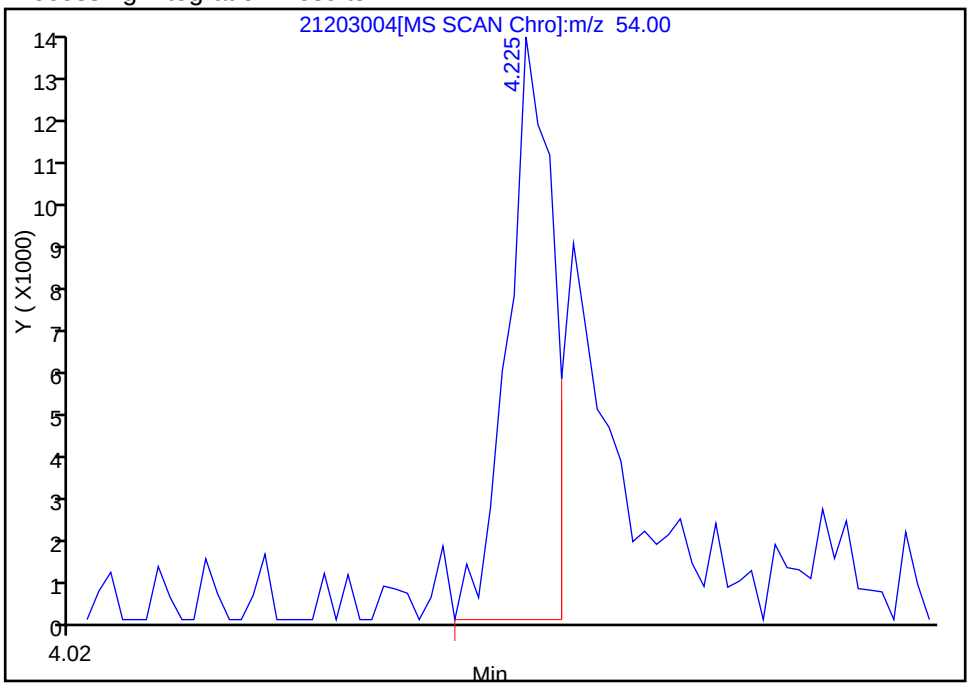
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203004.D		
Injection Date:	03-Dec-2012 12:23:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	4
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

29 3-Chloropropionitrile, Signal: 1, m/z: 54.0 Type: quant, RT: 4.22

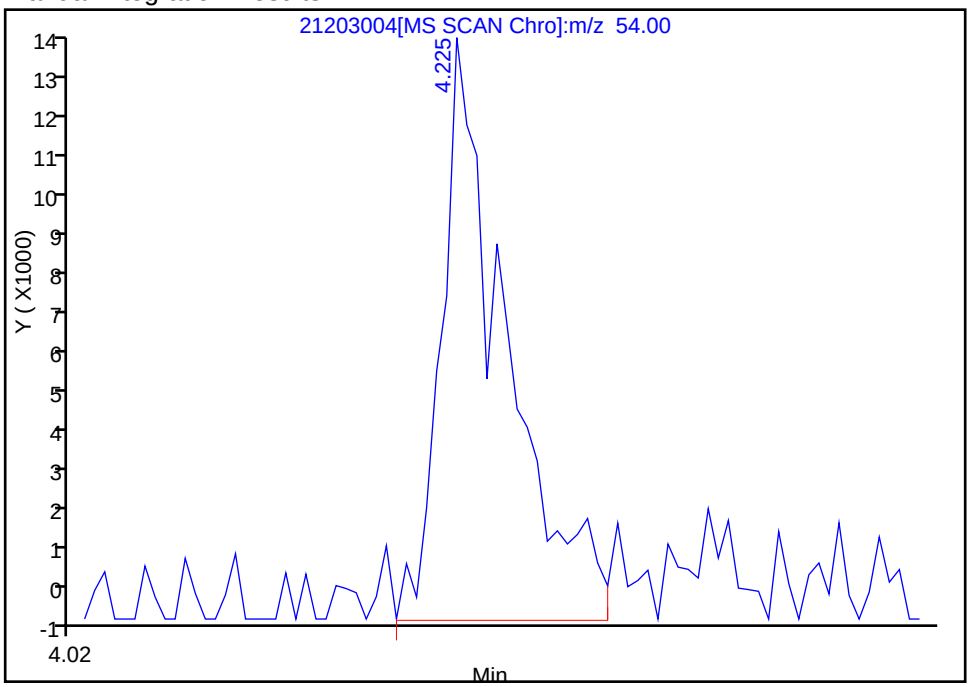
Processing Integration Results

RT: 4.22
Response: 18910
Amount: 0.692404



Manual Integration Results

RT: 4.22
Response: 32110
Amount: 0.961973



Reviewer: ulmanm, 03-Dec-2012 13:20:21
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

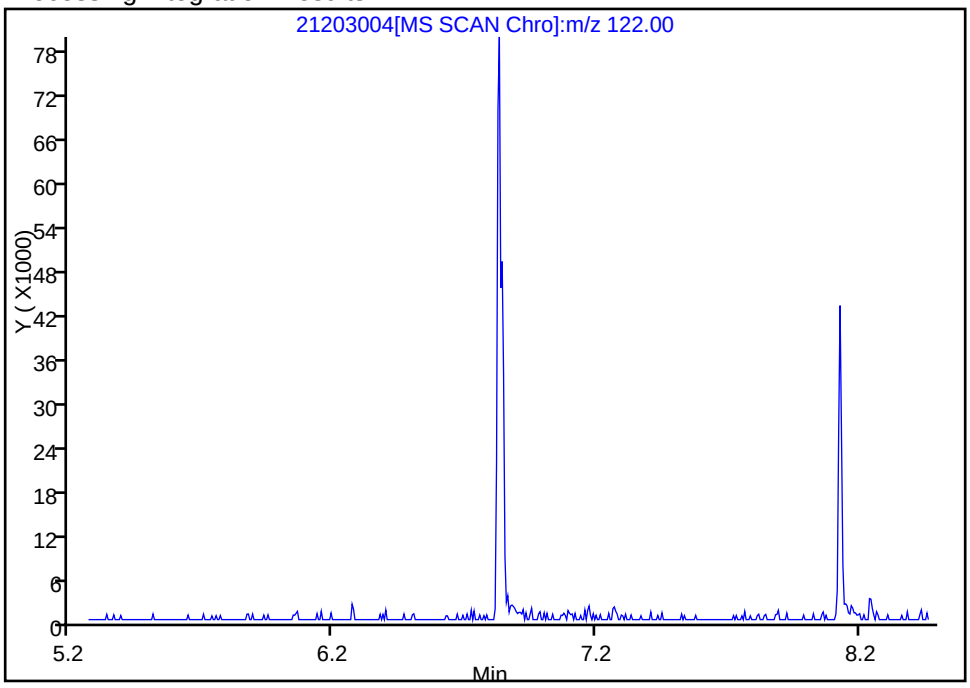
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203004.D		
Injection Date:	03-Dec-2012 12:23:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	4
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

71 Benzoic acid, Signal: 1, m/z: 122.0 Type: quant, RT: 6.86

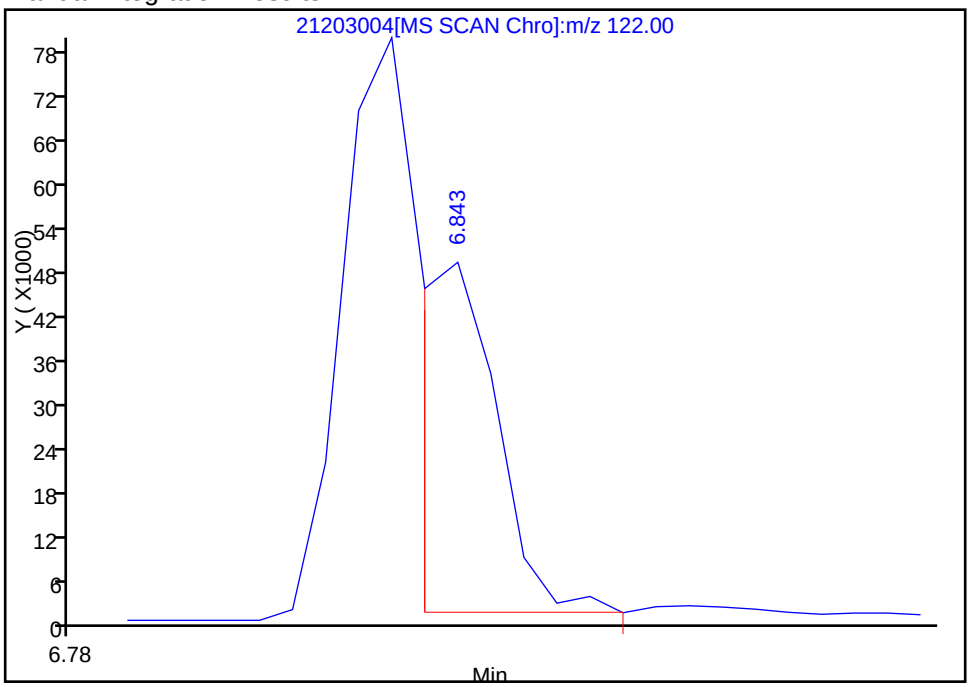
Processing Integration Results

Not Detected
Expected RT: 6.86



Manual Integration Results

RT: 6.84
Response: 43345
Amount: 2.573190



Reviewer: ulmanm, 03-Dec-2012 13:20:21
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

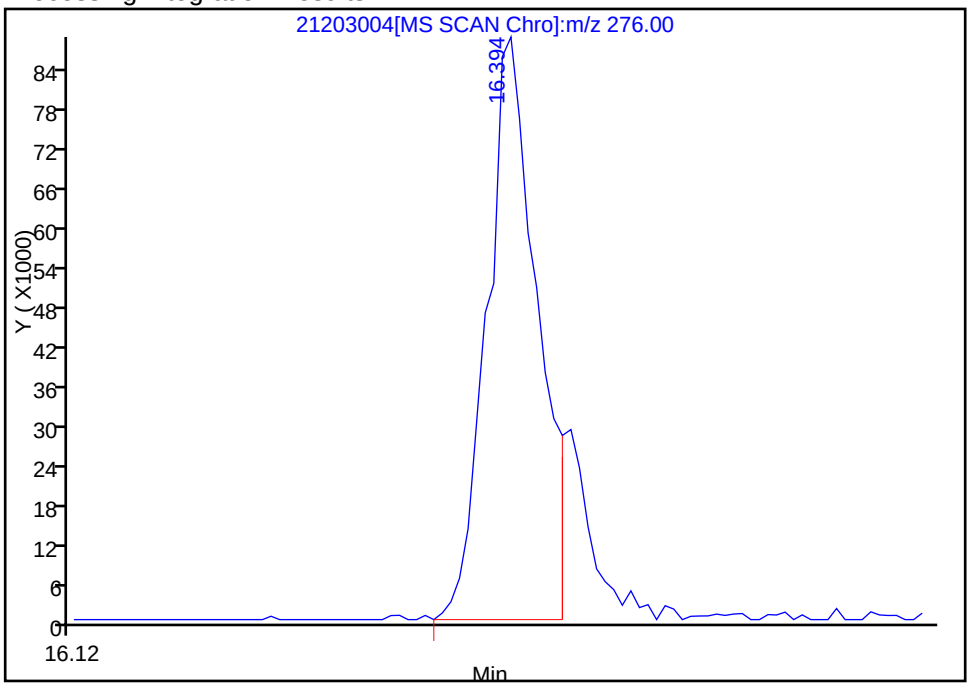
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203004.D		
Injection Date:	03-Dec-2012 12:23:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	4
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

188 Indeno[1,2,3-cd]pyrene, Signal: 1, m/z: 276.0 Type: quant, RT: 16.40

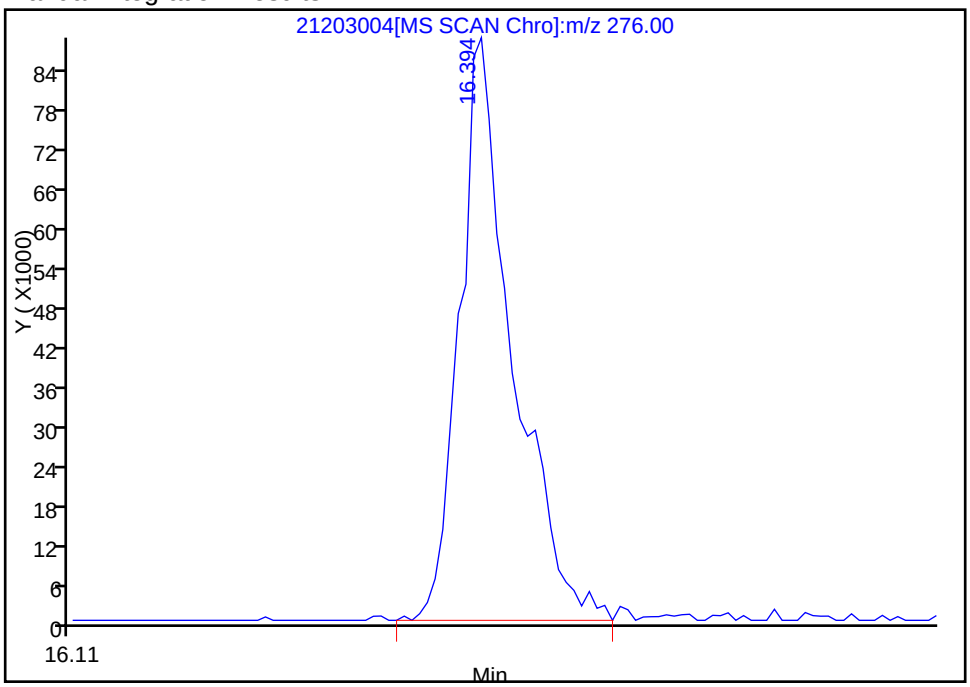
Processing Integration Results

RT: 16.39
Response: 193958
Amount: 0.872884



Manual Integration Results

RT: 16.39
Response: 224422
Amount: 0.951466



Reviewer: ulmanm, 03-Dec-2012 13:20:21
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203005.D		
Lims ID:	std2 tcl	Client ID:	
Inject. Date:	03-Dec-2012 12:48:30	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	2
Sample ID:	240-0015467-005		
Misc. Info.:	STD2 TCL =STD2 TCL		
Operator:	001574	Instrument ID:	A4HP9
Injection Vol:	1.0 ul	ALS Bottle#:	5
Lims Batch ID:	67070	Lims Sample ID:	5
Sublist:	chrom-8270 _9*sub13		
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\8270 _9.m		
Last Update:	04-Dec-2012 08:01:21	Calib Date:	03-Dec-2012 15:01:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK031		
First Level Reviewer: ulmanm		Date:	03-Dec-2012 13:30:48

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	6.053	6.053	0.0	87	166689	4.00	
* 2 Naphthalene-d8	136	7.159	7.159	0.0	98	690277	4.00	
* 3 Acenaphthene-d10	164	8.649	8.649	0.0	62	424077	4.00	
* 4 Phenanthrene-d10	188	9.916	9.915	0.001	76	777415	4.00	
* 5 Chrysene-d12	240	12.533	12.538	-0.005	76	773850	4.00	
* 6 Perylene-d12	264	14.675	14.681	-0.006	76	601643	4.00	
$ 7 2-Fluorophenol	112	4.830	4.830	0.0	72	31278	0.4769	
$ 8 Phenol-d5	99	5.685	5.684	0.001	0	46578	0.4918	
$ 9 Nitrobenzene-d5	82	6.529	6.528	0.001	77	51904	0.4913	
$ 10 2-Fluorobiphenyl (Surr)	172	8.062	8.062	0.0	87	63034	0.4476	
$ 11 2,4,6-Tribromophenol	330	9.317	9.317	0.0	37	6525	0.3973	
$ 12 Terphenyl-d14	244	11.288	11.294	-0.006	92	77875	0.4912	
25 1,4-Dioxane	88		2.805					M
26 N-Nitrosodimethylamine	74		3.275					M
27 Pyridine	79	3.350	3.318	0.032	82	40196	0.4633	M
28 Ethyl methacrylate	69	3.879	3.879	0.0	67	47787	0.5679	M
29 3-Chloropropionitrile	54	4.226	4.215	0.011	57	12811	0.4166	M
33 Malononitrile	66		4.627					
41 Benzaldehyde	77	5.663	5.663	0.0	76	45364	0.6037	
43 Phenol	94	5.701	5.700	0.001	79	50968	0.4750	
44 Aniline	93	5.754	5.754	0.0	78	60535	0.4515	
69 Bis(2-chloroethyl)ether	93	5.802	5.802	0.0	86	40700	0.4916	
46 2-Chlorophenol	128	5.861	5.861	0.0	79	28679	0.4712	
47 1,3-Dichlorobenzene	146	6.000	6.005	-0.005	72	29838	0.4559	
48 1,4-Dichlorobenzene	146	6.069	6.069	0.0	46	32037	0.4847	
49 Benzyl alcohol	108	6.155	6.154	0.001	73	25678	0.5118	
50 1,2-Dichlorobenzene	146	6.203	6.203	0.0	81	29726	0.4673	
51 2-Methylphenol	108	6.235	6.240	-0.005	86	32023	0.4474	
53 2,2'-oxybis[1-chloropropane]	45	6.272	6.272	0.0	95	41429	0.4910	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
21 3 & 4 Methylphenol	108	6.363	6.363	0.0	81	32008	0.4202	
57 N-Nitrosodi-n-propylamine	70	6.384	6.384	0.0	60	35519	0.4732	
58 Acetophenone	105	6.390	6.395	-0.005	88	53016	0.4795	
61 Hexachloroethane	117	6.502	6.502	0.0	87	17103	0.5531	
62 Nitrobenzene	77	6.545	6.544	0.001	75	52311	0.4704	
64 Isophorone	82	6.742	6.747	-0.005	83	87765	0.4327	
66 2-Nitrophenol	139	6.822	6.822	0.0	76	10971	0.3618	
65 2,4-Dimethylphenol	107	6.828	6.828	0.0	90	42386	0.4977	
67 1,3,5-Trichlorobenzene	180	6.828	6.833	-0.005	64	33020	0.5307	
71 Benzoic acid	122		6.865					
70 Bis(2-chloroethoxy)methane	93	6.919	6.918	0.001	87	47277	0.4556	
73 2,4-Dichlorophenol	162	7.020	7.020	0.0	79	21517	0.4399	
74 1,2,4-Trichlorobenzene	180	7.100	7.100	0.0	80	31931	0.5278	
75 Naphthalene	128	7.175	7.175	0.0	68	85728	0.4522	
76 4-Chloroaniline	127	7.202	7.202	0.0	78	33909	0.4523	
79 Hexachlorobutadiene	225	7.271	7.271	0.0	71	17181	0.5208	
80 1,2,3-Trichlorobenzene	180	7.293	7.292	0.001	75	31708	0	
84 Caprolactam	113	7.480	7.479	0.001	68	7176	0.3597	
86 4-Chloro-3-methylphenol	107	7.586	7.592	-0.006	75	32042	0.4467	
87 2-Methylnaphthalene	142	7.763	7.762	0.001	73	51331	0.4319	
88 1-Methylnaphthalene	142	7.848	7.848	0.0	78	57695	0.5017	
90 1,2,3,5-Tetrachlorobenzene	216	7.891	7.891	0.0	70	28675	0.4846	
89 Hexachlorocyclopentadiene	237	7.891	7.891	0.0	64	14882	0.4365	
92 2,4,6-Trichlorophenol	196	7.987	7.987	0.0	77	16004	0.4359	
93 2,4,5-Trichlorophenol	196	8.019	8.019	0.0	71	18537	0.4588	
97 2,4-Toluene diamine	121	8.131	8.131	0.0	87	21489	0.6355	
99 1,2,3,4 -Tetrachlorobenzene	216	8.142	8.147	-0.005	83	30836	0	
98 1,1'-Biphenyl	154	8.153	8.152	0.001	84	67250	0.4390	
100 2-Chloronaphthalene	162	8.179	8.179	0.0	91	58061	0.4966	
102 2-Nitroaniline	65	8.249	8.249	0.0	49	23252	0.4272	
105 Dimethyl phthalate	163	8.388	8.388	0.0	92	64582	0.4688	
107 2,6-Dinitrotoluene	165	8.441	8.446	-0.005	72	11264	0.3932	
108 1,2-Dinitrobenzene	168	8.495	8.494	0.001	66	6247	0.4435	
109 Acenaphthylene	152	8.532	8.537	-0.005	89	81803	0.4386	
110 3-Nitroaniline	138	8.591	8.591	0.001	73	13218	0.4289	
111 2,4-Dinitrophenol	184		8.676					
112 Acenaphthene	153	8.682	8.681	0.001	77	54532	0.4610	
113 4-Nitrophenol	109	8.698	8.697	0.001	61	9038	0.3985	
114 2,4-Dinitrotoluene	165	8.788	8.788	0.0	66	15069	0.3920	
116 Dibenzofuran	168	8.826	8.826	0.0	86	78985	0.4627	
118 2,3,5,6-Tetrachlorophenol	232		8.879					
121 Diethyl phthalate	149	8.975	8.980	-0.005	89	61444	0.4506	
123 4-Chlorophenyl phenyl ether	204	9.098	9.098	0.0	84	34272	0.4674	
125 4-Nitroaniline	138	9.109	9.109	0.0	65	11792	0.3633	
126 Fluorene	166	9.114	9.114	0.0	72	65725	0.4549	
128 4,6-Dinitro-2-methylphenol	198		9.130					9
131 N-Nitrosodiphenylamine	169	9.194	9.194	0.0	87	48999	0.4562	
133 Azobenzene	77	9.232	9.237	-0.005	92	114275	0.4370	
132 1,2-Diphenylhydrazine	77	9.232	9.237	-0.005	98	114275	0.4370	
139 4-Bromophenyl phenyl ether	248	9.520	9.520	0.0	66	17853	0.4554	
141 Hexachlorobenzene	284	9.584	9.584	0.0	70	20402	0.5158	
142 Atrazine	200	9.622	9.622	0.0	60	15010	0.4390	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
143 Pentachlorophenol	266	9.739	9.739	0.0	61	16525	1.01	
148 Phenanthrene	178	9.937	9.937	0.0	71	99497	0.4284	
149 Anthracene	178	9.980	9.979	0.001	80	98547	0.4236	
151 Carbazole	167	10.103	10.102	0.001	56	92268	0.4428	
154 Di-n-butyl phthalate	149	10.359	10.359	0.0	97	98705	0.3856	
159 Fluoranthene	202	10.957	10.957	0.0	79	118828	0.4482	
160 Benzidine	184	11.053	11.053	0.0	72	36712	0.7938	M
161 Pyrene	202	11.176	11.176	0.0	77	118483	0.4425	
168 Butyl benzyl phthalate	149	11.785	11.785	0.0	65	39327	0.3680	
172 3,3'-Dimethoxybenzidine	244		12.415					
174 4,4'-Methylene bis(2-chloroanili	231	12.458	12.464	-0.006	61	16346	0.3785	
175 3,3'-Dichlorobenzidine	252	12.464	12.464	0.0	52	30506	0.5695	
173 Bis(2-ethylhexyl) phthalate	149	12.485	12.485	0.0	89	67372	0.4237	
177 Benzo[a]anthracene	228	12.523	12.522	0.001	85	106544	0.4421	
178 Chrysene	228	12.571	12.576	-0.005	78	99002	0.4480	
180 Di-n-octyl phthalate	149	13.420	13.425	-0.005	89	79031	0.3906	
182 Benzo[b]fluoranthene	252	14.077	14.077	0.0	80	83398	0.3999	
183 Benzo[k]fluoranthene	252	14.114	14.120	-0.006	81	97055	0.4525	
184 Benzo[a]pyrene	252	14.595	14.595	0.0	55	83098	0.4221	
188 Indeno[1,2,3-cd]pyrene	276	16.390	16.401	-0.011	84	93370	0.4317	
189 Dibenz(a,h)anthracene	278	16.422	16.427	-0.005	18	76682	0.4320	
190 Benzo[g,h,i]perylene	276	16.871	16.881	-0.010	80	82030	0.4516	
S 191 Methyl Phenols,Total	100				0		0.8676	

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

Review Flags
M - Manually Integrated

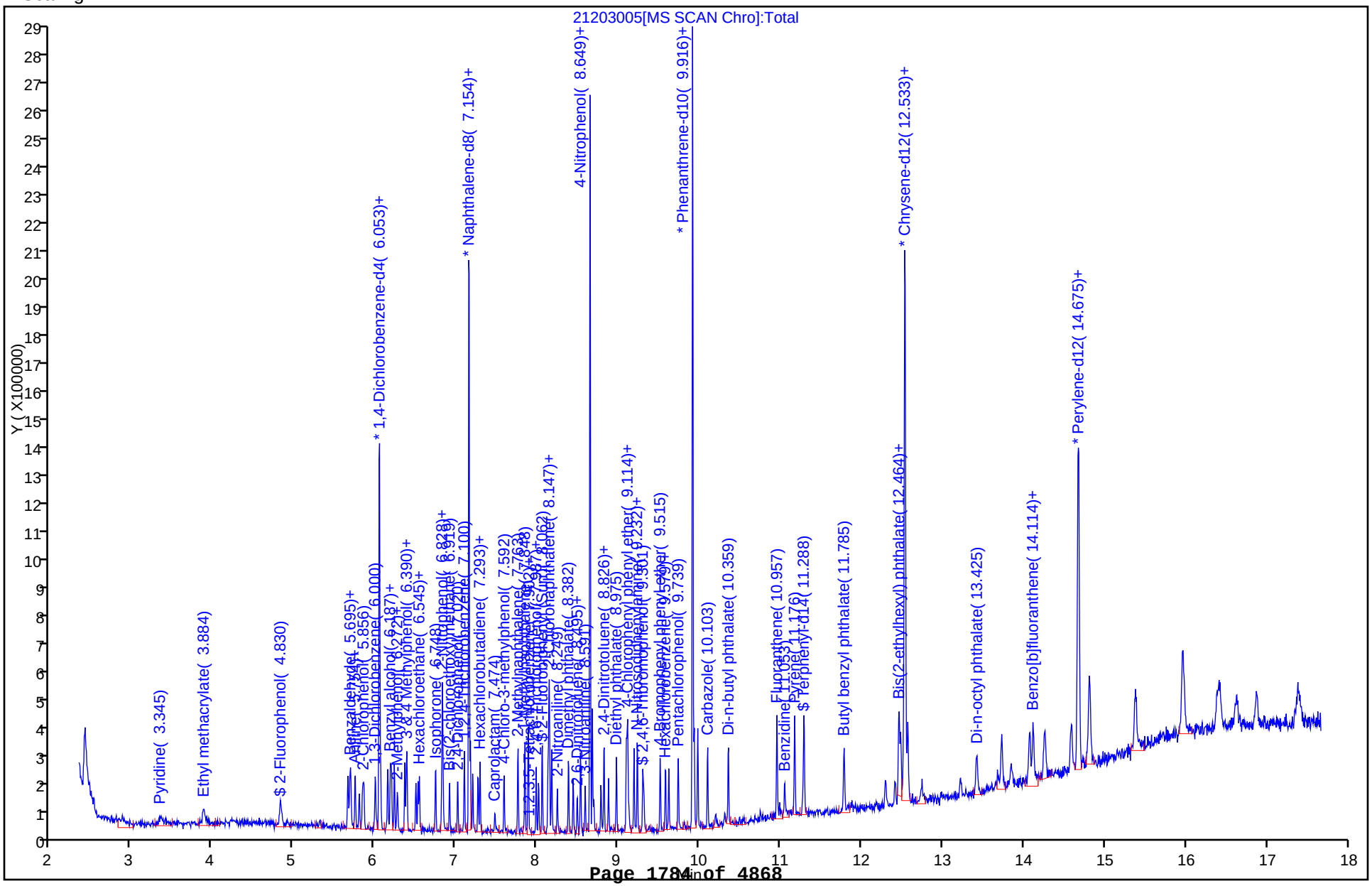
Report Date: 04-Dec-2012 08:01:22 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203005.D

Injection Date:	03-Dec-2012 12:48:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	5
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



Manual Integration/User Assign Peak Report

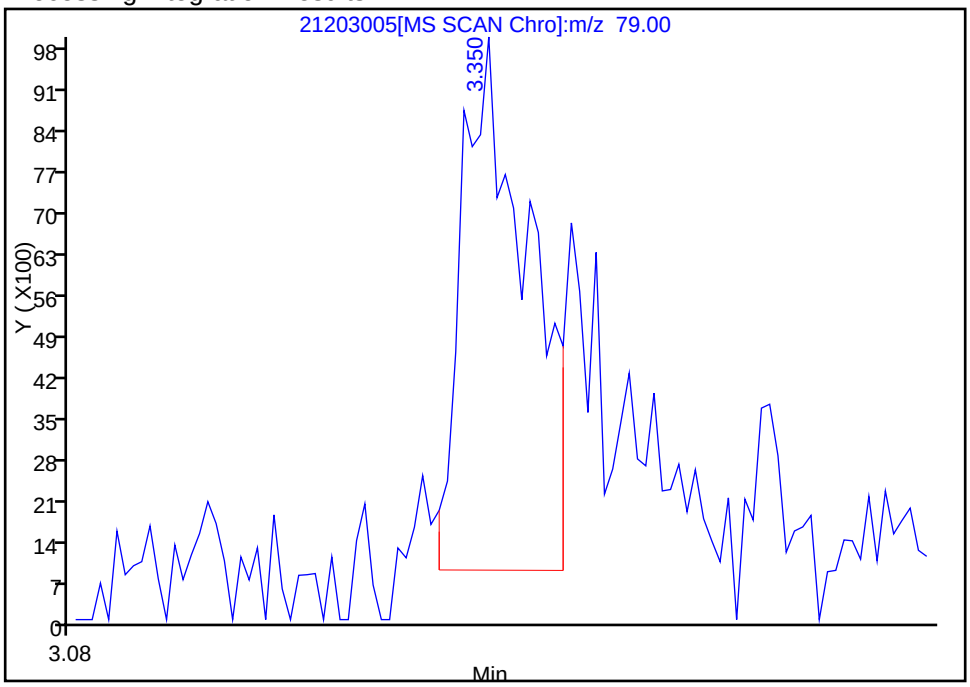
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203005.D		
Injection Date:	03-Dec-2012 12:48:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	5
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

27 Pyridine, Signal: 1, m/z: 79.0 Type: quant, RT: 3.32

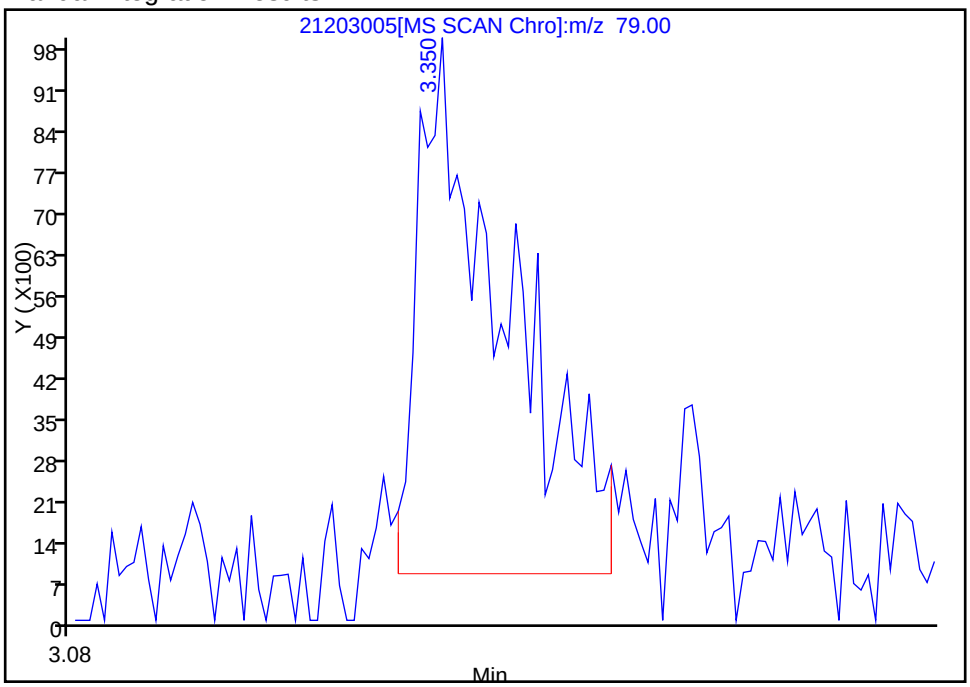
Processing Integration Results

RT: 3.35
Response: 27296
Amount: 0.353662



Manual Integration Results

RT: 3.35
Response: 40196
Amount: 0.463342



Reviewer: ulmanm, 03-Dec-2012 13:30:48
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

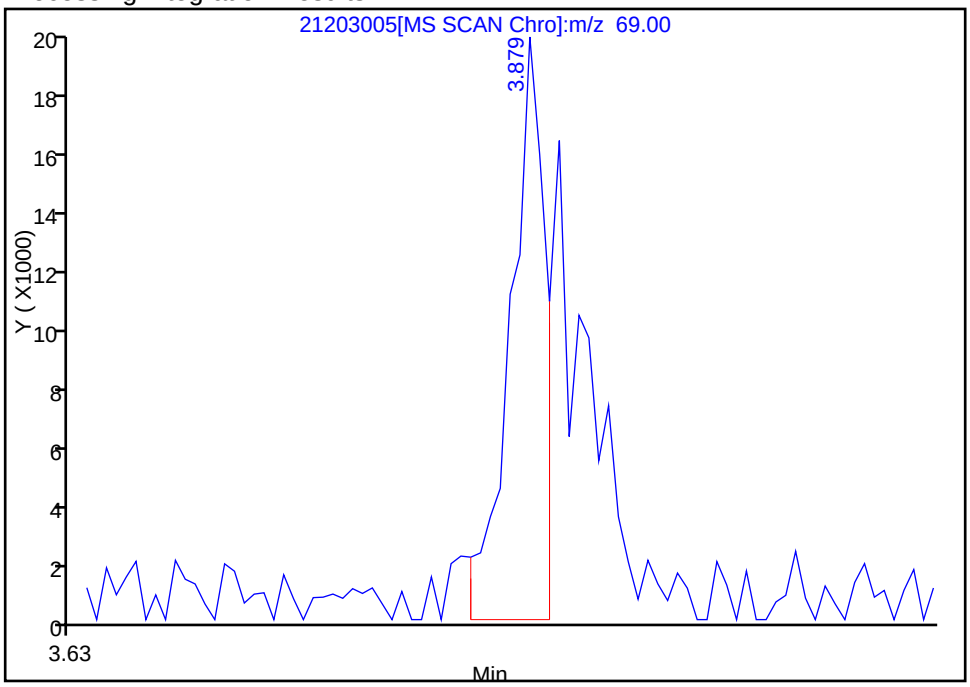
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203005.D		
Injection Date:	03-Dec-2012 12:48:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	5
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

28 Ethyl methacrylate, Signal: 1, m/z: 69.0 Type: quant, RT: 3.88

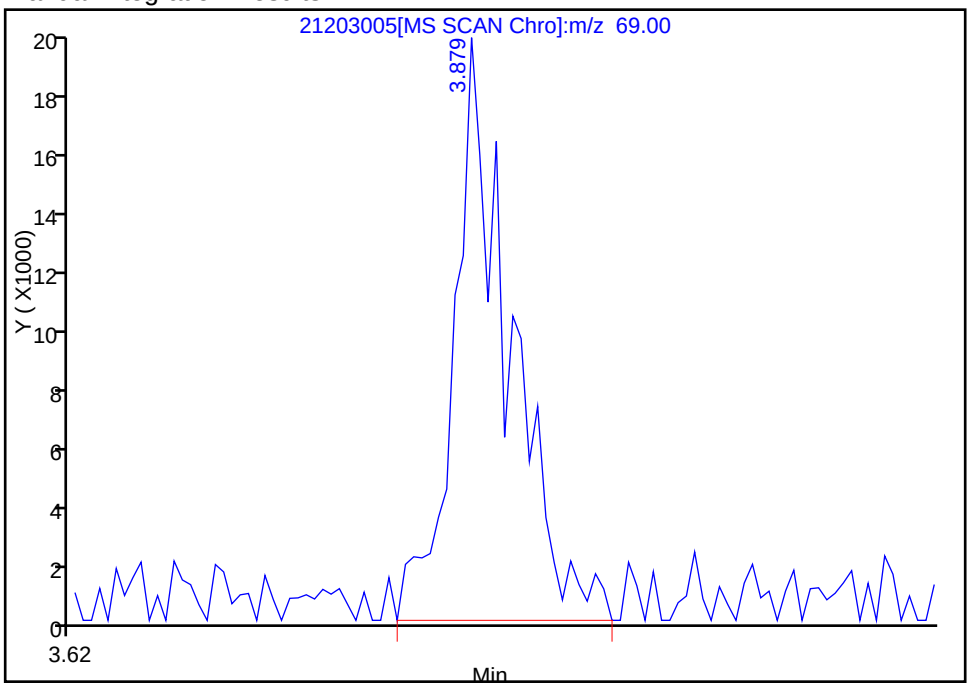
Processing Integration Results

RT: 3.88
Response: 25504
Amount: 0.344922



Manual Integration Results

RT: 3.88
Response: 47787
Amount: 0.567921



Reviewer: ulmanm, 03-Dec-2012 13:30:48
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

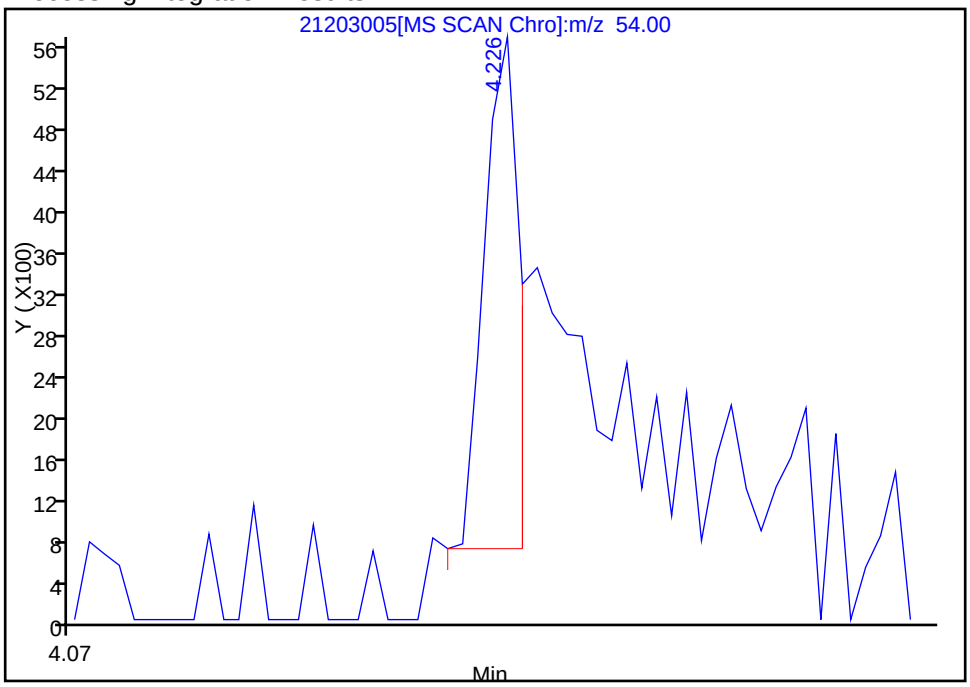
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203005.D		
Injection Date:	03-Dec-2012 12:48:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	5
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

29 3-Chloropropionitrile, Signal: 1, m/z: 54.0 Type: quant, RT: 4.22

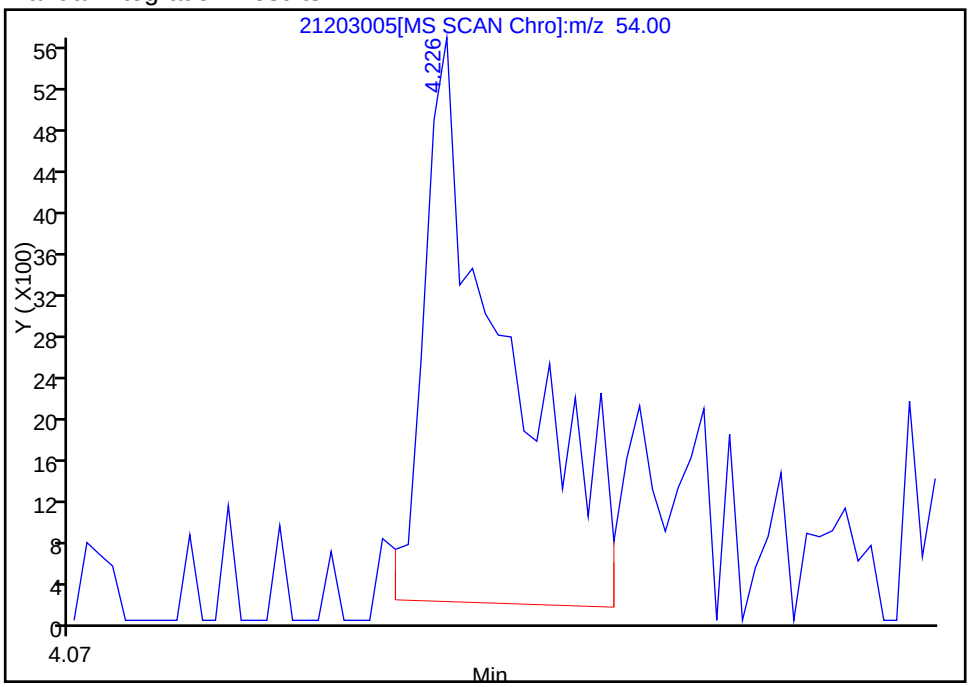
Processing Integration Results

RT: 4.23
Response: 4334
Amount: 0.180017



Manual Integration Results

RT: 4.23
Response: 12811
Amount: 0.416639



Reviewer: ulmanm, 03-Dec-2012 13:30:48
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

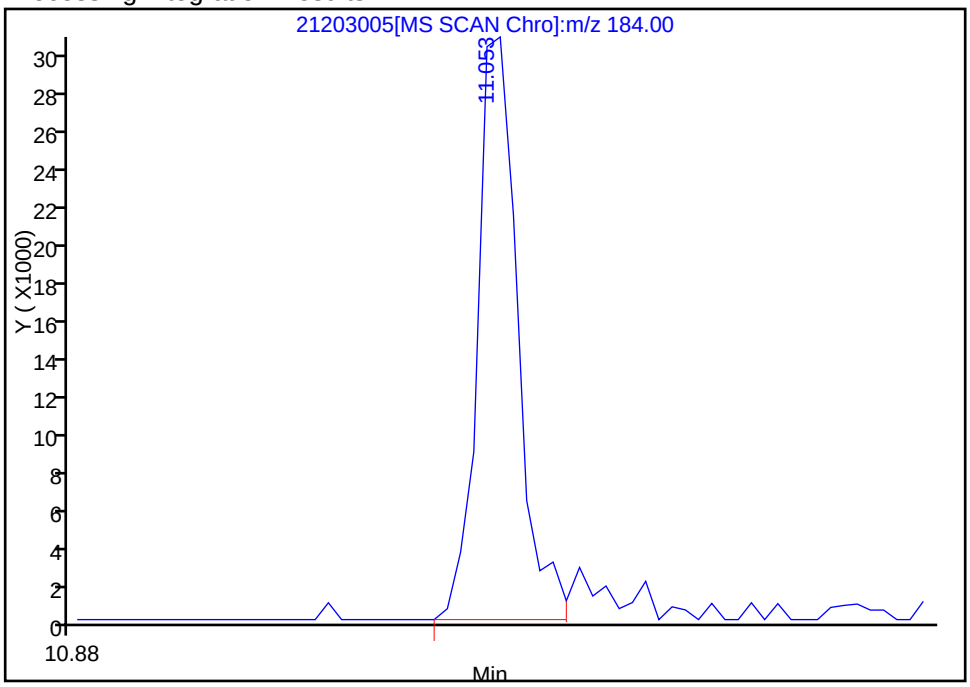
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203005.D		
Injection Date:	03-Dec-2012 12:48:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	5
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

160 Benzidine, Signal: 1, m/z: 184.0 Type: quant, RT: 11.05

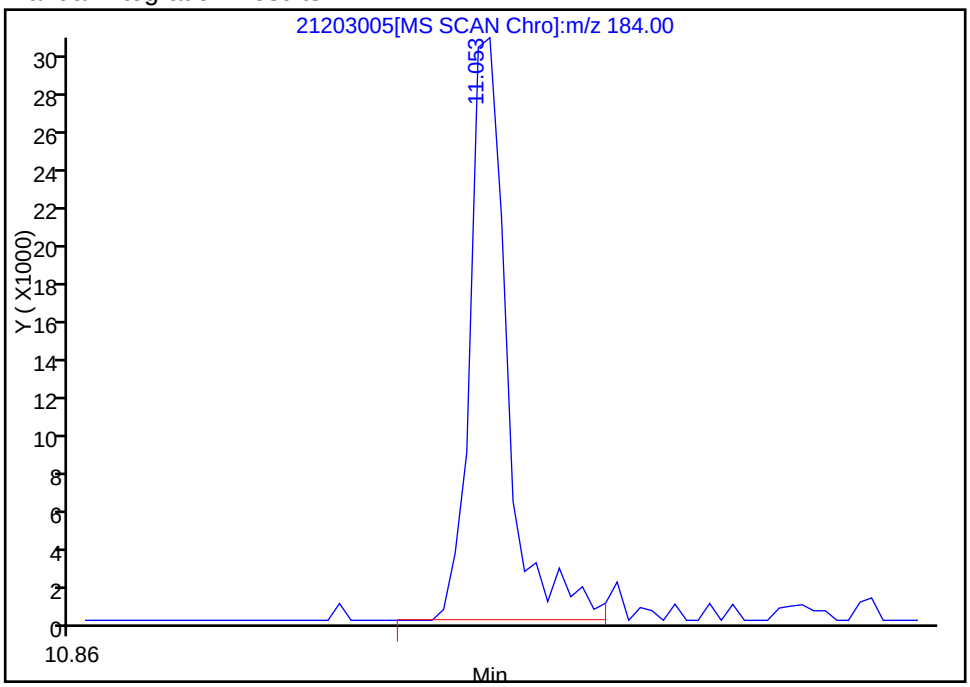
Processing Integration Results

RT: 11.05
Response: 34605
Amount: 0.370791



Manual Integration Results

RT: 11.05
Response: 36712
Amount: 0.793822



Reviewer: ulmanm, 03-Dec-2012 13:30:48
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203006.D		
Lims ID:	std1 tcl	Client ID:	
Inject. Date:	03-Dec-2012 13:13:30	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	1
Sample ID:	240-0015467-006		
Misc. Info.:	STD1 TCL =STD1 TCL		
Operator:	001574	Instrument ID:	A4HP9
Injection Vol:	1.0 ul	ALS Bottle#:	6
Lims Batch ID:	67070	Lims Sample ID:	6
Sublist:	chrom-8270 _9*sub13		
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\8270 _9.m		
Last Update:	04-Dec-2012 08:01:23	Calib Date:	03-Dec-2012 15:01:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK031		
First Level Reviewer: ulmanm		Date:	03-Dec-2012 14:05:52

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	6.050	6.053	-0.003	85	173443	4.00	
* 2 Naphthalene-d8	136	7.156	7.159	-0.003	97	739246	4.00	
* 3 Acenaphthene-d10	164	8.652	8.649	0.003	69	445835	4.00	
* 4 Phenanthrene-d10	188	9.918	9.915	0.003	77	796052	4.00	
* 5 Chrysene-d12	240	12.535	12.538	-0.003	75	770961	4.00	
* 6 Perylene-d12	264	14.672	14.681	-0.009	78	626739	4.00	
$ 9 Nitrobenzene-d5	82	6.525	6.528	-0.003	69	11443	0.1011	
$ 10 2-Fluorobiphenyl (Surr)	172	8.059	8.062	-0.003	65	16320	0.1102	
$ 12 Terphenyl-d14	244	11.291	11.294	-0.003	43	15154	0.0959	
41 Benzaldehyde	77	5.660	5.663	-0.003	72	9926	0.2199	
75 Naphthalene	128	7.177	7.175	0.002	37	21523	0.1060	
87 2-Methylnaphthalene	142	7.765	7.762	0.003	70	12424	0.0976	
88 1-Methylnaphthalene	142	7.845	7.848	-0.003	66	11067	0.0899	
98 1,1'-Biphenyl	154	8.149	8.152	-0.003	77	14581	0.0905	
100 2-Chloronaphthalene	162	8.182	8.179	0.003	61	11060	0.0900	
109 Acenaphthylene	152	8.534	8.537	-0.003	76	17578	0.0896	
112 Acenaphthene	153	8.678	8.681	-0.003	60	13551	0.1090	
116 Dibenzofuran	168	8.823	8.826	-0.003	73	15805	0.0881	
126 Fluorene	166	9.111	9.114	-0.003	72	15072	0.0992	
141 Hexachlorobenzene	284	9.581	9.584	-0.003	31	4286	0.1058	
148 Phenanthrene	178	9.934	9.937	-0.003	10	26003	0.1093	
149 Anthracene	178	9.982	9.979	0.003	65	22416	0.0941	
159 Fluoranthene	202	10.959	10.957	0.002	50	25424	0.0937	
161 Pyrene	202	11.178	11.176	0.002	86	22462	0.0842	
177 Benzo[a]anthracene	228	12.525	12.522	0.003	31	22947	0.0956	
178 Chrysene	228	12.573	12.576	-0.003	50	21697	0.0986	
182 Benzo[b]fluoranthene	252	14.074	14.077	-0.003	79	21113	0.0972	M
183 Benzo[k]fluoranthene	252	14.117	14.120	-0.003	51	18336	0.0821	
184 Benzo[a]pyrene	252	14.592	14.595	-0.003	51	19232	0.0938	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
188 Indeno[1,2,3-cd]pyrene	276	16.387	16.401	-0.014	62	19959	0.0886	M
189 Dibenz(a,h)anthracene	278	16.435	16.427	0.008	0	14445	0.0781	M
190 Benzo[g,h,i]perylene	276	16.873	16.881	-0.008	0	18782	0.0993	M

QC Flag Legend

Review Flags
M - Manually Integrated

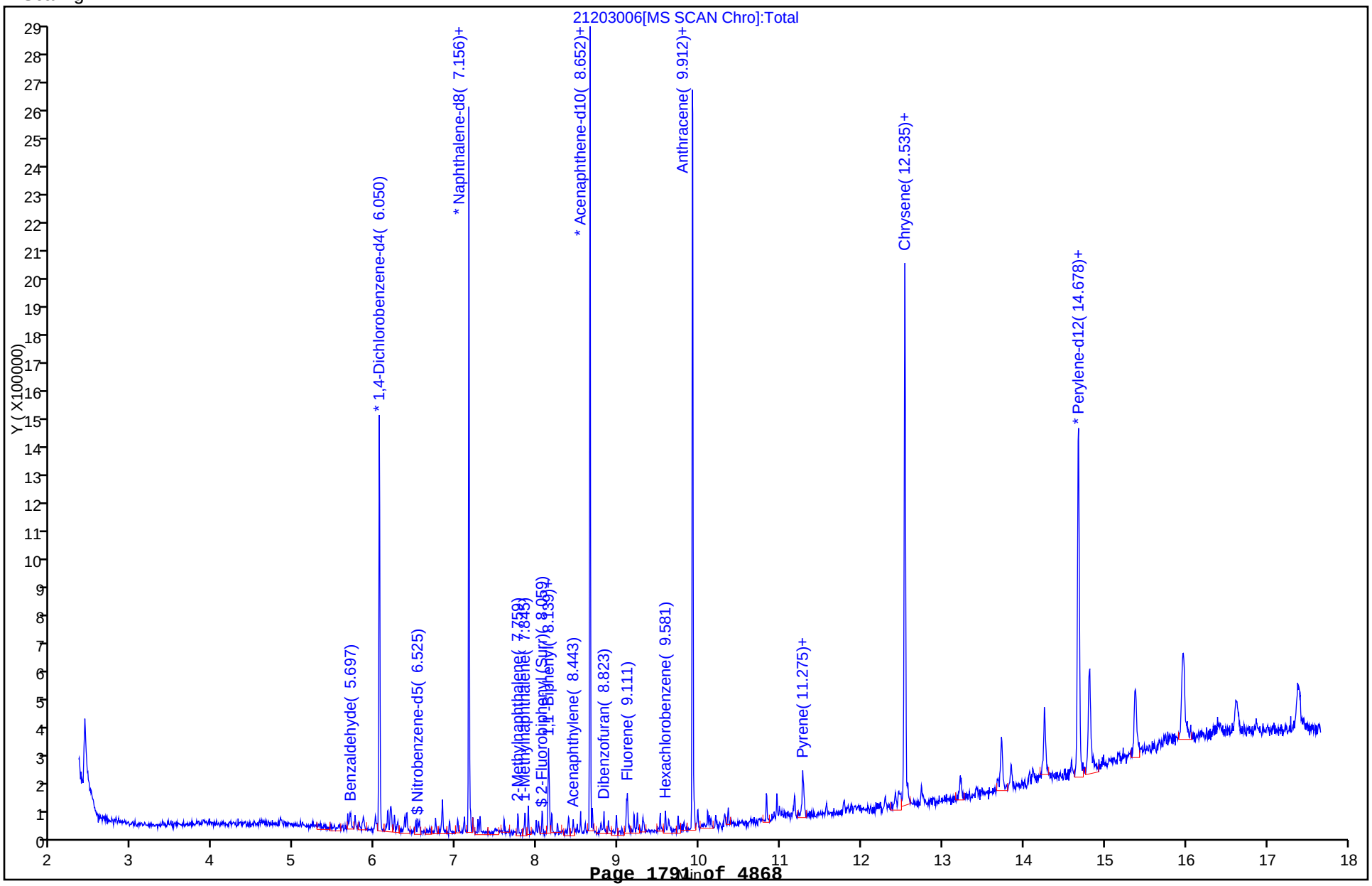
Report Date: 04-Dec-2012 08:01:23 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203006.D

Injection Date:	03-Dec-2012 13:13:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	6
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



Manual Integration/User Assign Peak Report

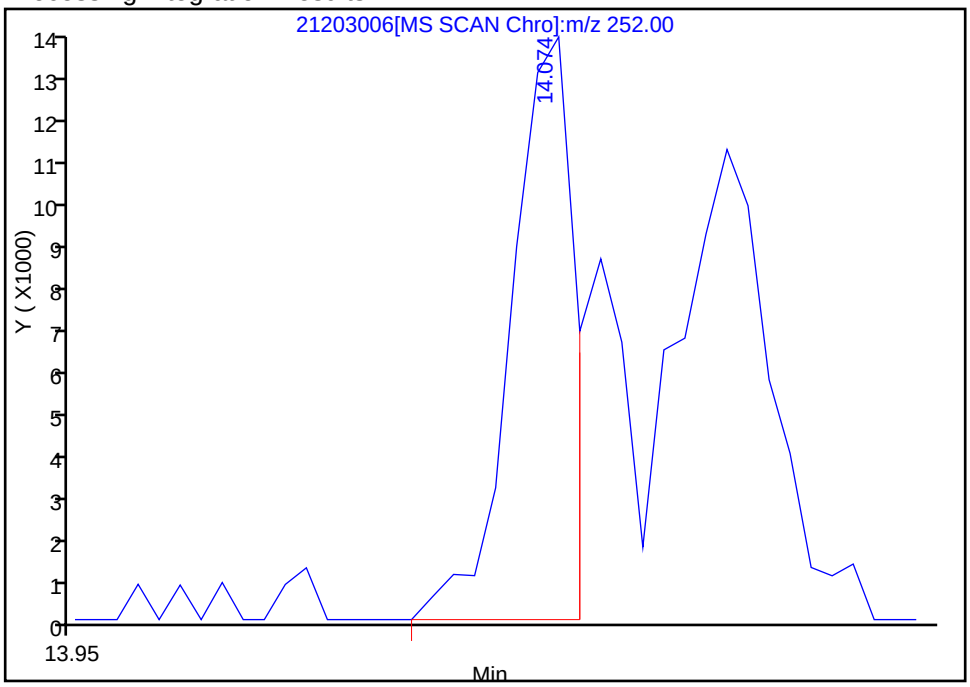
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203006.D		
Injection Date:	03-Dec-2012 13:13:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	6
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

182 Benzo[b]fluoranthene, Signal: 1, m/z: 252.0 Type: quant, RT: 14.08

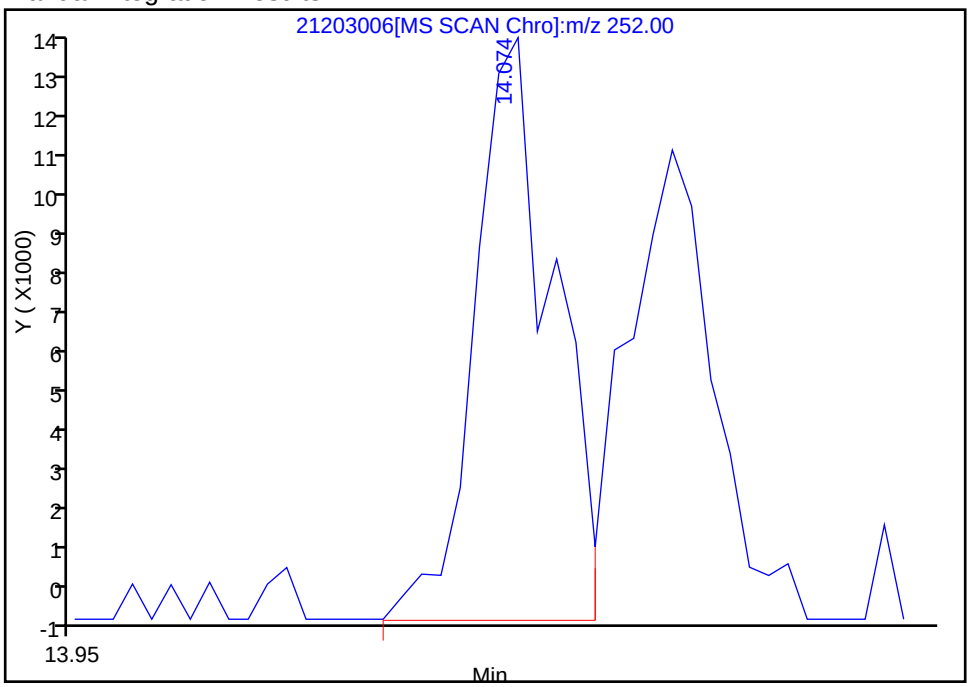
Processing Integration Results

RT: 14.07
Response: 15577
Amount: 0.081529



Manual Integration Results

RT: 14.07
Response: 21113
Amount: 0.097181



Reviewer: ulmanm, 03-Dec-2012 14:05:52
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

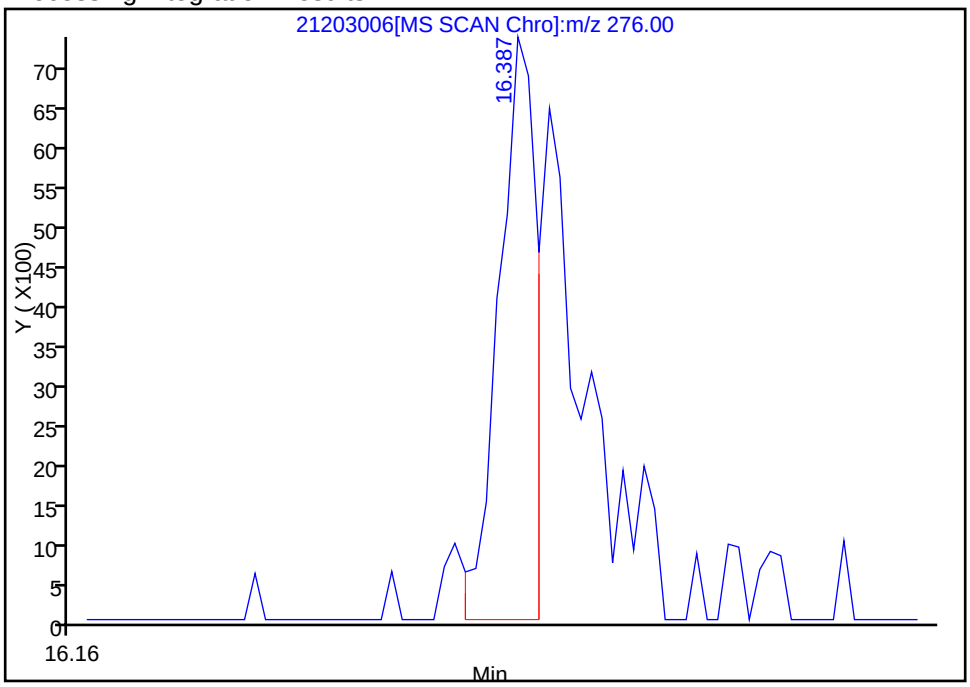
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203006.D		
Injection Date:	03-Dec-2012 13:13:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	6
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

188 Indeno[1,2,3-cd]pyrene, Signal: 1, m/z: 276.0 Type: quant, RT: 16.40

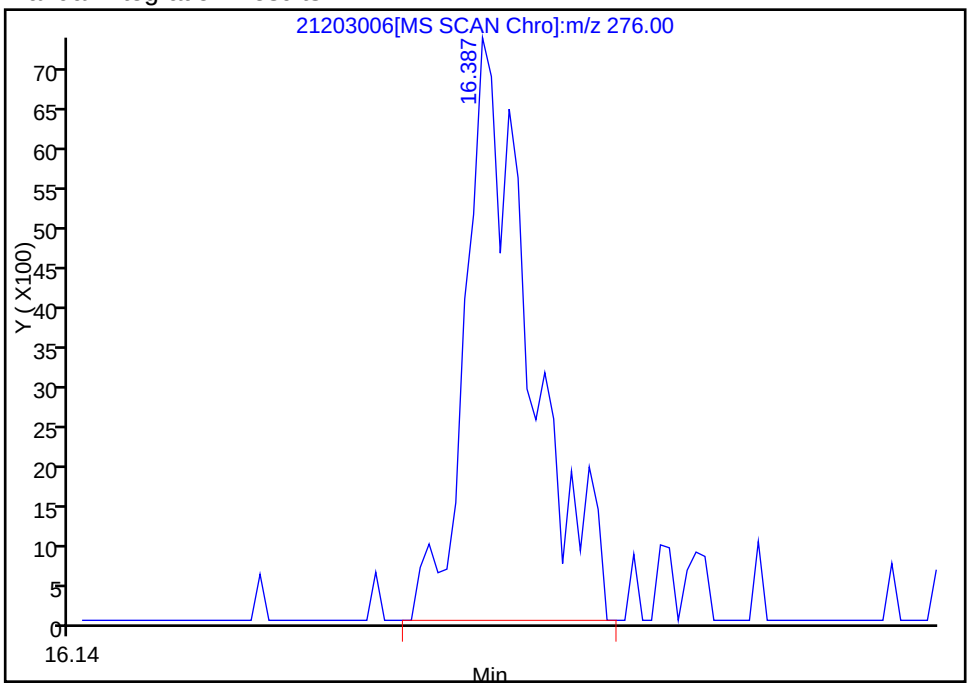
Processing Integration Results

RT: 16.39
Response: 9846
Amount: 0.103675



Manual Integration Results

RT: 16.39
Response: 19959
Amount: 0.088592



Reviewer: ulmanm, 03-Dec-2012 14:05:52
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

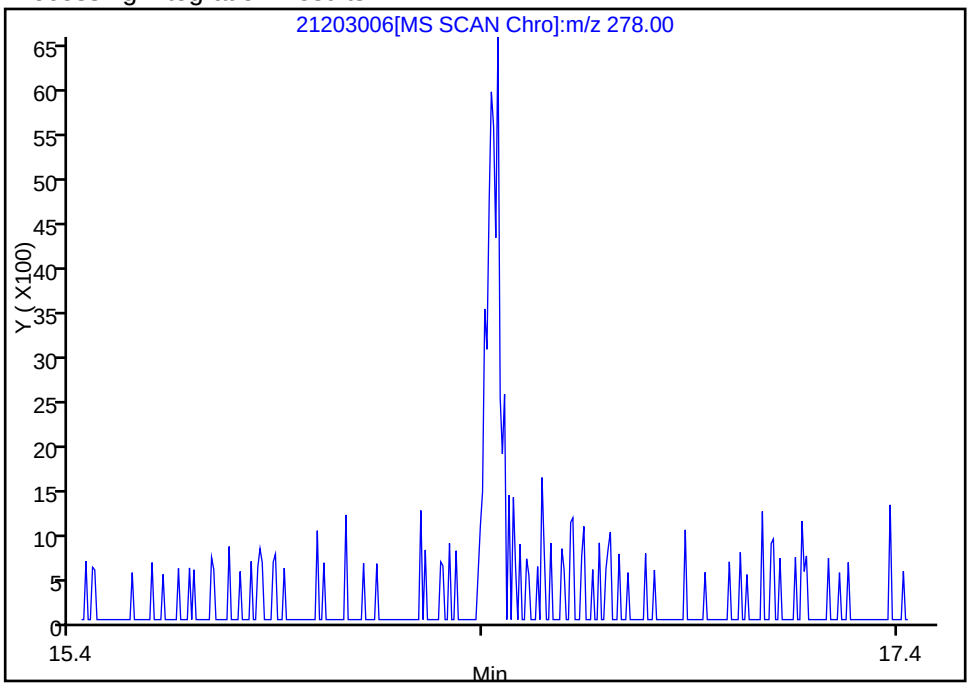
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203006.D		
Injection Date:	03-Dec-2012 13:13:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	6
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

189 Dibenz(a,h)anthracene, Signal: 1, m/z: 278.0 Type: quant, RT: 16.43

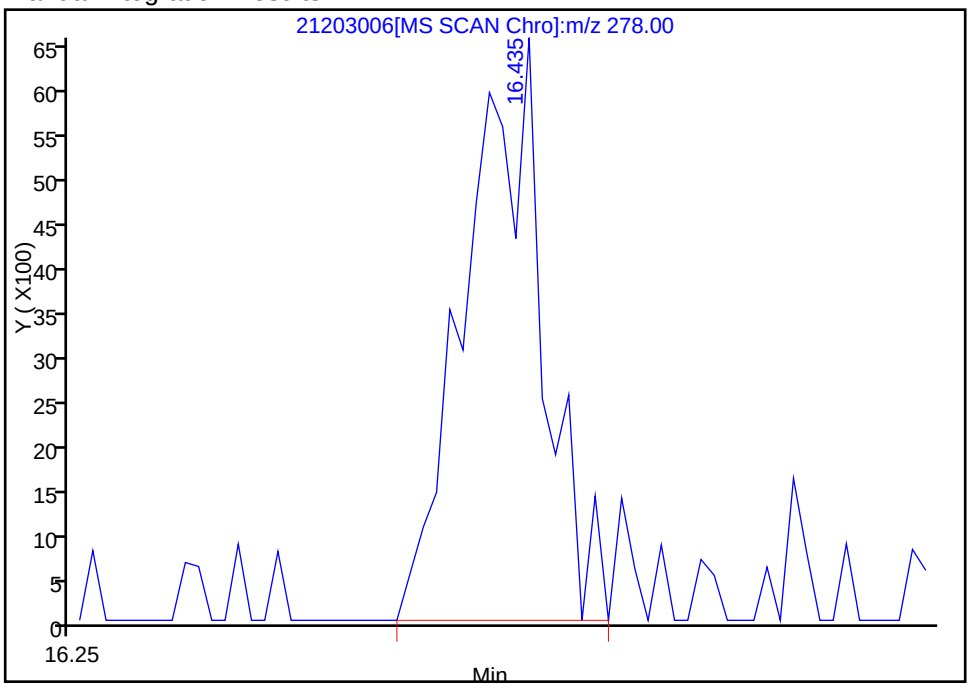
Processing Integration Results

Not Detected
Expected RT: 16.43



Manual Integration Results

RT: 16.44
Response: 14445
Amount: 0.078126



Reviewer: ulmanm, 03-Dec-2012 14:05:52
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Report Date: 04-Dec-2012 08:01:24 Chrom Revision: 2.0 27-Nov-2012 13:14:12

Manual Integration/User Assign Peak Report

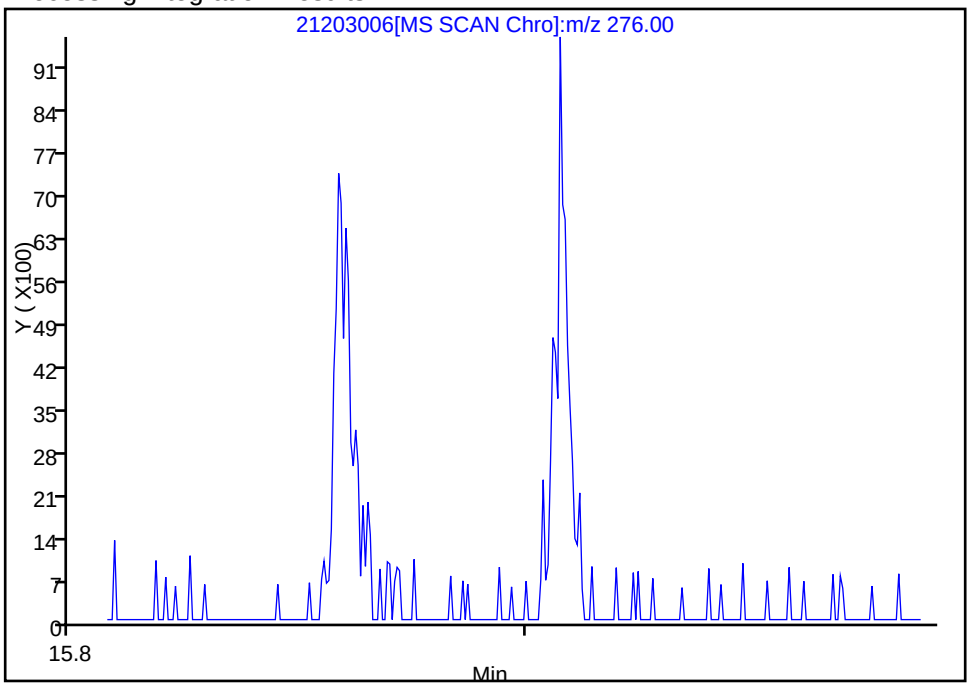
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203006.D		
Injection Date:	03-Dec-2012 13:13:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	6
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

190 Benzo[g,h,i]perylene, Signal: 1, m/z: 276.0 Type: quant, RT: 16.88

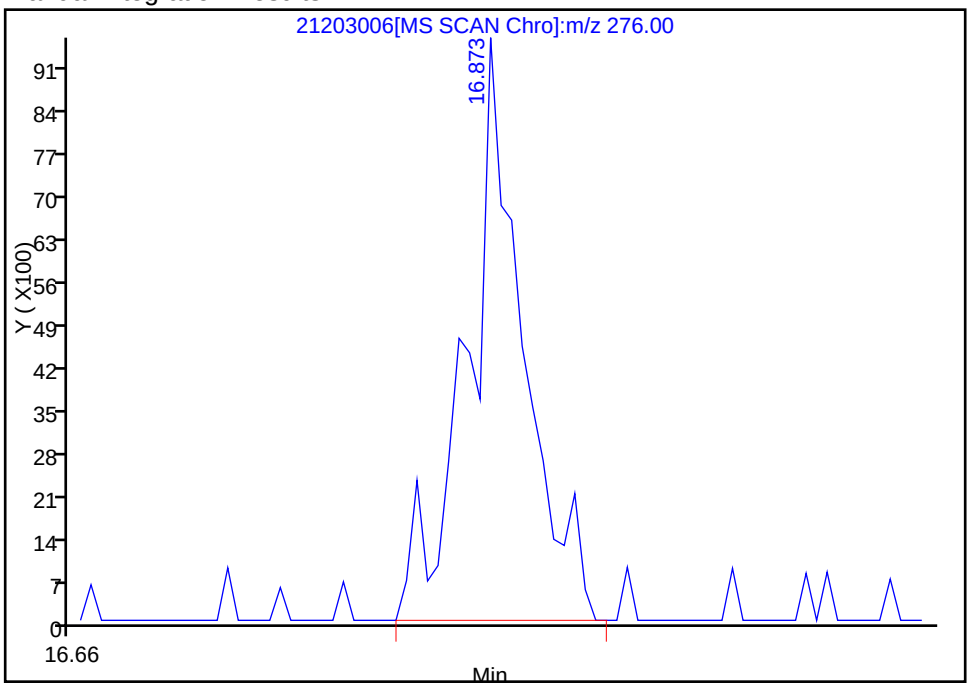
Processing Integration Results

Not Detected
Expected RT: 16.88



Manual Integration Results

RT: 16.87
Response: 18782
Amount: 0.099262



Reviewer: ulmanm, 03-Dec-2012 14:05:52
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203007.D		
Lims ID:	std9 tcl	Client ID:	
Inject. Date:	03-Dec-2012 13:39:30	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	9
Sample ID:	240-0015467-007		
Misc. Info.:	7TD9 TCL =7TD9 TCL		
Operator:	001574	Instrument ID:	A4HP9
Injection Vol:	1.0 ul	ALS Bottle#:	7
Lims Batch ID:	67070	Lims Sample ID:	7
Sublist:	chrom-8270 _9*sub13		
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\8270 _9.m		
Last Update:	04-Dec-2012 08:01:25	Calib Date:	03-Dec-2012 15:01:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK031		
First Level Reviewer: ulmanm		Date:	03-Dec-2012 14:28:31

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	6.053	6.053	0.0	88	180007	4.00	
* 2 Naphthalene-d8	136	7.159	7.159	0.0	99	758239	4.00	
* 3 Acenaphthene-d10	164	8.655	8.649	0.006	67	479475	4.00	
* 4 Phenanthrene-d10	188	9.915	9.915	0.0	75	845700	4.00	
* 5 Chrysene-d12	240	12.544	12.538	0.006	72	867822	4.00	
* 6 Perylene-d12	264	14.680	14.681	-0.001	88	682052	4.00	
$ 7 2-Fluorophenol	112	4.830	4.830	0.0	94	1820074	25.7	
$ 8 Phenol-d5	99	5.690	5.684	0.006	0	2850089	27.9	
$ 9 Nitrobenzene-d5	82	6.534	6.528	0.006	79	3203482	27.6	
$ 10 2-Fluorobiphenyl (Surr)	172	8.062	8.062	0.0	98	4483556	28.2	
$ 11 2,4,6-Tribromophenol	330	9.322	9.317	0.005	80	517056	27.8	
$ 12 Terphenyl-d14	244	11.294	11.294	0.0	96	4830900	27.2	
25 1,4-Dioxane	88	2.805	2.805	0.0	78	814861	23.3	
26 N-Nitrosodimethylamine	74	3.270	3.275	-0.005	78	1319174	28.7	
27 Pyridine	79	3.323	3.318	0.005	79	2481993	26.5	
28 Ethyl methacrylate	69	3.879	3.879	0.0	77	2284815	25.1	
29 3-Chloropropionitrile	54	4.221	4.215	0.006	82	932926	28.1	
33 Malononitrile	66		4.627					
41 Benzaldehyde	77	5.663	5.663	0.0	80	1383979	24.6	
43 Phenol	94	5.700	5.700	0.0	90	3175311	27.4	
44 Aniline	93	5.754	5.754	0.0	83	4030025	27.8	
69 Bis(2-chloroethyl)ether	93	5.807	5.802	0.005	90	2412317	27.0	
46 2-Chlorophenol	128	5.861	5.861	0.0	89	1718090	26.1	
47 1,3-Dichlorobenzene	146	6.005	6.005	0.0	81	1851413	26.2	
48 1,4-Dichlorobenzene	146	6.069	6.069	0.0	79	1830542	25.6	
49 Benzyl alcohol	108	6.160	6.154	0.006	78	1457061	26.9	
50 1,2-Dichlorobenzene	146	6.203	6.203	0.0	77	1785368	26.0	
51 2-Methylphenol	108	6.240	6.240	0.0	93	2123570	27.5	
53 2,2'-oxybis[1-chloropropane]	45	6.277	6.272	0.005	95	2411441	26.5	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
21 3 & 4 Methylphenol	108	6.368	6.363	0.005	92	2317991	28.2	
57 N-Nitrosodi-n-propylamine	70	6.389	6.384	0.005	66	2176245	26.8	
58 Acetophenone	105	6.395	6.395	0.0	83	3320829	27.8	
61 Hexachloroethane	117	6.502	6.502	0.0	91	849335	25.4	
62 Nitrobenzene	77	6.550	6.544	0.006	68	3400714	27.8	
64 Isophorone	82	6.747	6.747	0.0	92	6515388	29.2	
66 2-Nitrophenol	139	6.822	6.822	0.0	84	904635	27.2	
65 2,4-Dimethylphenol	107	6.833	6.828	0.005	96	2490665	26.6	
67 1,3,5-Trichlorobenzene	180	6.833	6.833	0.0	72	1779271	26.0	
71 Benzoic acid	122	6.918	6.865	0.053	74	2343332	49.4	
70 Bis(2-chloroethoxy)methane	93	6.918	6.918	0.0	94	3160983	27.7	
73 2,4-Dichlorophenol	162	7.020	7.020	0.0	90	1440479	26.8	
74 1,2,4-Trichlorobenzene	180	7.100	7.100	0.0	80	1726814	26.0	
75 Naphthalene	128	7.175	7.175	0.0	81	6046456	29.0	
76 4-Chloroaniline	127	7.207	7.202	0.005	79	2273909	27.6	
79 Hexachlorobutadiene	225	7.271	7.271	0.0	87	914699	25.2	
80 1,2,3-Trichlorobenzene	180	7.298	7.292	0.006	80	1587870	0	
84 Caprolactam	113	7.506	7.479	0.027	82	526136	24.0	
86 4-Chloro-3-methylphenol	107	7.597	7.592	0.005	79	2120588	26.9	
87 2-Methylnaphthalene	142	7.762	7.762	0.0	87	3756335	28.8	
88 1-Methylnaphthalene	142	7.848	7.848	0.0	80	3548102	28.1	
90 1,2,3,5-Tetrachlorobenzene	216	7.891	7.891	0.0	84	1753570	26.2	
89 Hexachlorocyclopentadiene	237	7.891	7.891	0.0	66	1091455	28.3	
92 2,4,6-Trichlorophenol	196	7.987	7.987	0.0	86	1121634	27.0	
93 2,4,5-Trichlorophenol	196	8.019	8.019	0.0	88	1187181	26.0	
97 2,4-Toluene diamine	121	8.136	8.131	0.005	96	868145	23.4	
99 1,2,3,4 -Tetrachlorobenzene	216	8.147	8.147	0.0	80	1698082	0	
98 1,1'-Biphenyl	154	8.152	8.152	0.0	92	5070224	29.3	
100 2-Chloronaphthalene	162	8.179	8.179	0.0	90	3677090	27.8	
102 2-Nitroaniline	65	8.249	8.249	0.0	71	1675117	27.2	
105 Dimethyl phthalate	163	8.393	8.388	0.005	95	4334729	27.8	
107 2,6-Dinitrotoluene	165	8.446	8.446	0.0	74	886451	27.4	
108 1,2-Dinitrobenzene	168	8.500	8.494	0.006	80	432595	27.2	
109 Acenaphthylene	152	8.537	8.537	0.0	90	5999467	28.5	
110 3-Nitroaniline	138	8.596	8.591	0.006	80	938131	26.9	
111 2,4-Dinitrophenol	184	8.681	8.676	0.005	67	1280687	49.7	
112 Acenaphthene	153	8.681	8.681	0.0	84	3730862	27.9	
113 4-Nitrophenol	109	8.708	8.697	0.011	82	718684	28.0	
114 2,4-Dinitrotoluene	165	8.793	8.788	0.005	81	1212832	27.9	
116 Dibenzofuran	168	8.826	8.826	0.0	86	5507295	28.5	
118 2,3,5,6-Tetrachlorophenol	232	8.879	8.879	0.0	81	1006180	26.5	
121 Diethyl phthalate	149	8.980	8.980	0.0	94	4367958	28.3	
123 4-Chlorophenyl phenyl ether	204	9.098	9.098	0.0	87	2230197	26.9	
125 4-Nitroaniline	138	9.119	9.109	0.010	51	1017942	27.7	
126 Fluorene	166	9.119	9.114	0.005	61	4641978	28.4	
128 4,6-Dinitro-2-methylphenol	198	9.135	9.130	0.005	76	827960	24.7	
131 N-Nitrosodiphenylamine	169	9.194	9.194	0.0	94	3276797	28.0	
133 Azobenzene	77	9.232	9.237	-0.005	95	7321874	25.7	
132 1,2-Diphenylhydrazine	77	9.232	9.237	-0.005	99	7323233	25.7	
139 4-Bromophenyl phenyl ether	248	9.520	9.520	0.0	65	1108836	26.0	
141 Hexachlorobenzene	284	9.584	9.584	0.0	78	1106388	25.7	
142 Atrazine	200	9.627	9.622	0.005	81	897962	24.1	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
143 Pentachlorophenol	266	9.744	9.739	0.005	81	1735964	49.8	
148 Phenanthrene	178	9.937	9.937	0.0	81	7024206	27.8	
149 Anthracene	178	9.985	9.979	0.006	83	7118724	28.1	
151 Carbazole	167	10.102	10.102	0.0	79	6412920	28.3	
154 Di-n-butyl phthalate	149	10.359	10.359	0.0	100	7669176	27.5	
159 Fluoranthene	202	10.957	10.957	0.0	77	7871392	27.3	
160 Benzidine	184	11.053	11.053	0.0	86	4495620	24.4	
161 Pyrene	202	11.176	11.176	0.0	73	8173377	27.2	
168 Butyl benzyl phthalate	149	11.785	11.785	0.0	83	3335278	27.8	
172 3,3'-Dimethoxybenzidine	244	12.421	12.415	0.006	79	1908849	24.4	
174 4,4'-Methylene bis(2-chloroanili	231	12.469	12.464	0.005	70	1315934	27.2	
175 3,3'-Dichlorobenzidine	252	12.469	12.464	0.005	66	2668942	24.7	
173 Bis(2-ethylhexyl) phthalate	149	12.485	12.485	0.0	95	4903668	27.5	
177 Benzo[a]anthracene	228	12.528	12.522	0.006	78	7594858	28.1	
178 Chrysene	228	12.581	12.576	0.005	83	6936430	28.0	
180 Di-n-octyl phthalate	149	13.425	13.425	0.0	98	8736814	24.8	
182 Benzo[b]fluoranthene	252	14.088	14.077	0.011	82	6902291	29.2	
183 Benzo[k]fluoranthene	252	14.130	14.120	0.010	81	6949795	28.6	
184 Benzo[a]pyrene	252	14.600	14.595	0.005	75	6529426	29.3	
188 Indeno[1,2,3-cd]pyrene	276	16.417	16.401	0.016	75	6892480	28.1	
189 Dibenz(a,h)anthracene	278	16.443	16.427	0.016	71	5894670	29.3	
190 Benzo[g,h,i]perylene	276	16.903	16.881	0.022	79	5719307	27.8	
S 191 Methyl Phenols,Total	100				0		55.7	

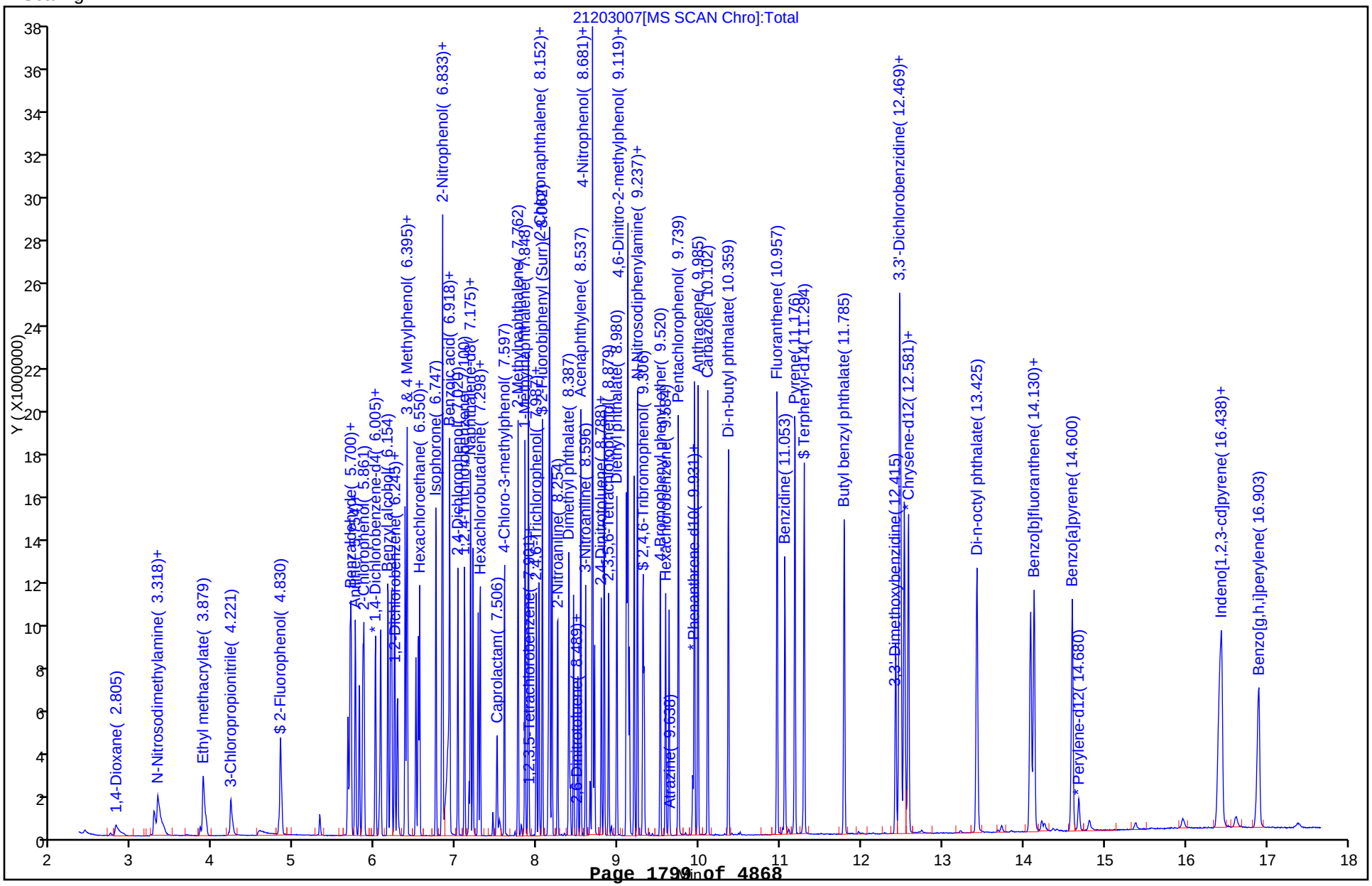
Report Date: 04-Dec-2012 08:01:25 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203007.D

Injection Date:	03-Dec-2012 13:39:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	7
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203008.D		
Lims ID:	std8 tcl	Client ID:	
Inject. Date:	03-Dec-2012 14:04:30	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	8
Sample ID:	240-0015467-008		
Misc. Info.:	STD8 TCL =STD8 TCL		
Operator:	001574	Instrument ID:	A4HP9
Injection Vol:	1.0 ul	ALS Bottle#:	8
Lims Batch ID:	67070	Lims Sample ID:	8
Sublist:	chrom-8270 _9*sub13		
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\8270 _9.m		
Last Update:	04-Dec-2012 08:01:27	Calib Date:	03-Dec-2012 15:01:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK031		
First Level Reviewer: ulmanm		Date:	03-Dec-2012 14:44:37

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	6.050	6.053	-0.003	87	207175	4.00	
* 2 Naphthalene-d8	136	7.156	7.159	-0.003	98	835412	4.00	
* 3 Acenaphthene-d10	164	8.652	8.649	0.003	63	523293	4.00	
* 4 Phenanthrene-d10	188	9.918	9.915	0.003	77	921971	4.00	
* 5 Chrysene-d12	240	12.541	12.538	0.003	77	904798	4.00	
* 6 Perylene-d12	264	14.678	14.681	-0.003	73	743370	4.00	
$ 7 2-Fluorophenol	112	4.832	4.830	0.002	93	1626131	19.9	
$ 8 Phenol-d5	99	5.687	5.684	0.003	0	2467806	21.0	
$ 9 Nitrobenzene-d5	82	6.531	6.528	0.003	81	2776873	21.7	
$ 10 2-Fluorobiphenyl (Surr)	172	8.064	8.062	0.002	94	3868871	22.3	
$ 11 2,4,6-Tribromophenol	330	9.320	9.317	0.003	80	451821	22.3	
$ 12 Terphenyl-d14	244	11.291	11.294	-0.003	95	4262459	23.0	
25 1,4-Dioxane	88	2.802	2.805	-0.003	76	773230	19.2	
26 N-Nitrosodimethylamine	74	3.272	3.275	-0.003	76	1174085	22.2	
27 Pyridine	79	3.320	3.318	0.002	93	2201171	20.4	
28 Ethyl methacrylate	69	3.876	3.879	-0.003	78	2039665	19.5	
29 3-Chloropropionitrile	54	4.218	4.215	0.003	83	830175	21.7	
33 Malononitrile	66		4.627					
41 Benzaldehyde	77	5.666	5.663	0.003	82	1470328	19.5	
43 Phenol	94	5.703	5.700	0.003	89	2812510	21.1	
44 Aniline	93	5.756	5.754	0.002	84	3559561	21.4	
69 Bis(2-chloroethyl)ether	93	5.805	5.802	0.003	92	2120375	20.6	
46 2-Chlorophenol	128	5.863	5.861	0.002	90	1532373	20.3	
47 1,3-Dichlorobenzene	146	6.002	6.005	-0.003	80	1606884	19.8	
48 1,4-Dichlorobenzene	146	6.066	6.069	-0.003	78	1645098	20.0	
49 Benzyl alcohol	108	6.157	6.154	0.003	83	1288428	20.7	
50 1,2-Dichlorobenzene	146	6.200	6.203	-0.003	76	1550612	19.6	
51 2-Methylphenol	108	6.237	6.240	-0.003	94	1870907	21.0	
53 2,2'-oxybis[1-chloropropane]	45	6.275	6.272	0.003	95	2157927	20.6	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
21 3 & 4 Methylphenol	108	6.371	6.363	0.008	91	2035411	21.5	
57 N-Nitrosodi-n-propylamine	70	6.387	6.384	0.003	68	1986355	21.3	
58 Acetophenone	105	6.398	6.395	0.003	79	2935142	21.4	
61 Hexachloroethane	117	6.504	6.502	0.002	91	738370	19.2	
62 Nitrobenzene	77	6.547	6.544	0.003	70	3019500	22.4	
64 Isophorone	82	6.750	6.747	0.003	92	5823443	23.7	
66 2-Nitrophenol	139	6.820	6.822	-0.002	85	830238	22.6	
65 2,4-Dimethylphenol	107	6.830	6.828	0.002	96	2169180	21.0	
67 1,3,5-Trichlorobenzene	180	6.830	6.833	-0.003	69	1527622	20.3	
71 Benzoic acid	122	6.910	6.865	0.045	74	2085887	41.2	
70 Bis(2-chloroethoxy)methane	93	6.921	6.918	0.003	96	2822638	22.5	
73 2,4-Dichlorophenol	162	7.023	7.020	0.003	92	1262491	21.3	
74 1,2,4-Trichlorobenzene	180	7.103	7.100	0.003	77	1533437	20.9	
75 Naphthalene	128	7.177	7.175	0.002	81	5210836	22.7	
76 4-Chloroaniline	127	7.204	7.202	0.002	80	1992191	22.0	
79 Hexachlorobutadiene	225	7.268	7.271	-0.003	84	812875	20.4	
80 1,2,3-Trichlorobenzene	180	7.295	7.292	0.003	81	1440974	0	
84 Caprolactam	113	7.503	7.479	0.024	84	477229	19.8	
86 4-Chloro-3-methylphenol	107	7.594	7.592	0.002	78	1913655	22.0	
87 2-Methylnaphthalene	142	7.765	7.762	0.003	87	3241037	22.5	
88 1-Methylnaphthalene	142	7.851	7.848	0.003	81	3120059	22.4	
90 1,2,3,5-Tetrachlorobenzene	216	7.888	7.891	-0.003	80	1542651	21.1	
89 Hexachlorocyclopentadiene	237	7.893	7.891	0.002	67	939731	22.3	
92 2,4,6-Trichlorophenol	196	7.989	7.987	0.002	82	979326	21.6	
93 2,4,5-Trichlorophenol	196	8.022	8.019	0.003	88	1051056	21.1	
97 2,4-Toluene diamine	121	8.134	8.131	0.003	95	772583	18.9	
99 1,2,3,4 -Tetrachlorobenzene	216	8.144	8.147	-0.003	86	1482687	0	
98 1,1'-Biphenyl	154	8.150	8.152	-0.002	93	4314416	22.8	
100 2-Chloronaphthalene	162	8.182	8.179	0.003	92	3208551	22.2	
102 2-Nitroaniline	65	8.251	8.249	0.002	72	1495778	22.3	
105 Dimethyl phthalate	163	8.390	8.388	0.002	93	3836513	22.6	
107 2,6-Dinitrotoluene	165	8.449	8.446	0.003	77	802029	22.7	
108 1,2-Dinitrobenzene	168	8.502	8.494	0.008	75	385567	22.2	
109 Acenaphthylene	152	8.534	8.537	-0.003	86	5487335	23.8	
110 3-Nitroaniline	138	8.598	8.591	0.008	82	859948	22.6	
111 2,4-Dinitrophenol	184	8.684	8.676	0.008	70	1107986	40.6	
112 Acenaphthene	153	8.679	8.681	-0.002	85	3242918	22.2	
113 4-Nitrophenol	109	8.705	8.697	0.008	81	623747	22.3	
114 2,4-Dinitrotoluene	165	8.791	8.788	0.003	78	1083426	22.8	
116 Dibenzofuran	168	8.828	8.826	0.002	87	4828262	22.9	
118 2,3,5,6-Tetrachlorophenol	232	8.882	8.879	0.003	83	898499	21.7	
121 Diethyl phthalate	149	8.983	8.980	0.003	95	3814881	22.7	
123 4-Chlorophenyl phenyl ether	204	9.101	9.098	0.003	88	1950379	21.6	
125 4-Nitroaniline	138	9.117	9.109	0.008	50	898608	22.4	
126 Fluorene	166	9.117	9.114	0.003	70	4053228	22.7	
128 4,6-Dinitro-2-methylphenol	198	9.138	9.130	0.008	72	747522	20.7	
131 N-Nitrosodiphenylamine	169	9.197	9.194	0.003	94	2816710	22.1	
133 Azobenzene	77	9.234	9.237	-0.003	92	7088823	22.9	
132 1,2-Diphenylhydrazine	77	9.234	9.237	-0.003	100	7089323	22.9	
139 4-Bromophenyl phenyl ether	248	9.517	9.520	-0.003	68	998199	21.5	
141 Hexachlorobenzene	284	9.587	9.584	0.003	80	991457	21.1	
142 Atrazine	200	9.630	9.622	0.008	82	826393	20.4	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
143 Pentachlorophenol	266	9.742	9.739	0.003	75	1507520	40.5	
148 Phenanthrene	178	9.939	9.937	0.002	81	6067655	22.0	
149 Anthracene	178	9.982	9.979	0.003	82	6269234	22.7	
151 Carbazole	167	10.105	10.102	0.003	61	5791299	23.4	
154 Di-n-butyl phthalate	149	10.356	10.359	-0.003	100	7282586	24.0	
159 Fluoranthene	202	10.960	10.957	0.003	77	7170742	22.8	
160 Benzidine	184	11.056	11.053	0.003	81	4027253	21.4	
161 Pyrene	202	11.179	11.176	0.003	73	7426228	23.7	
168 Butyl benzyl phthalate	149	11.788	11.785	0.003	85	2892302	23.1	
172 3,3'-Dimethoxybenzidine	244	12.423	12.415	0.008	80	1715296	21.4	
174 4,4'-Methylene bis(2-chloroanili	231	12.466	12.464	0.002	72	1156747	22.9	
175 3,3'-Dichlorobenzidine	252	12.466	12.464	0.002	72	2300801	20.8	
173 Bis(2-ethylhexyl) phthalate	149	12.482	12.485	-0.003	94	4250837	22.9	
177 Benzo[a]anthracene	228	12.525	12.522	0.003	78	6511414	23.1	
178 Chrysene	228	12.578	12.576	0.002	83	5939114	23.0	
180 Di-n-octyl phthalate	149	13.422	13.425	-0.003	99	7518674	20.6	
182 Benzo[b]fluoranthene	252	14.085	14.077	0.008	80	5921468	23.0	
183 Benzo[k]fluoranthene	252	14.128	14.120	0.008	84	6117211	23.1	
184 Benzo[a]pyrene	252	14.603	14.595	0.008	74	5590497	23.0	
188 Indeno[1,2,3-cd]pyrene	276	16.414	16.401	0.013	77	6105267	22.8	
189 Dibenz(a,h)anthracene	278	16.441	16.427	0.014	63	5127826	23.4	
190 Benzo[g,h,i]perylene	276	16.900	16.881	0.019	79	5054031	22.5	
S 191 Methyl Phenols,Total	100				0		42.5	

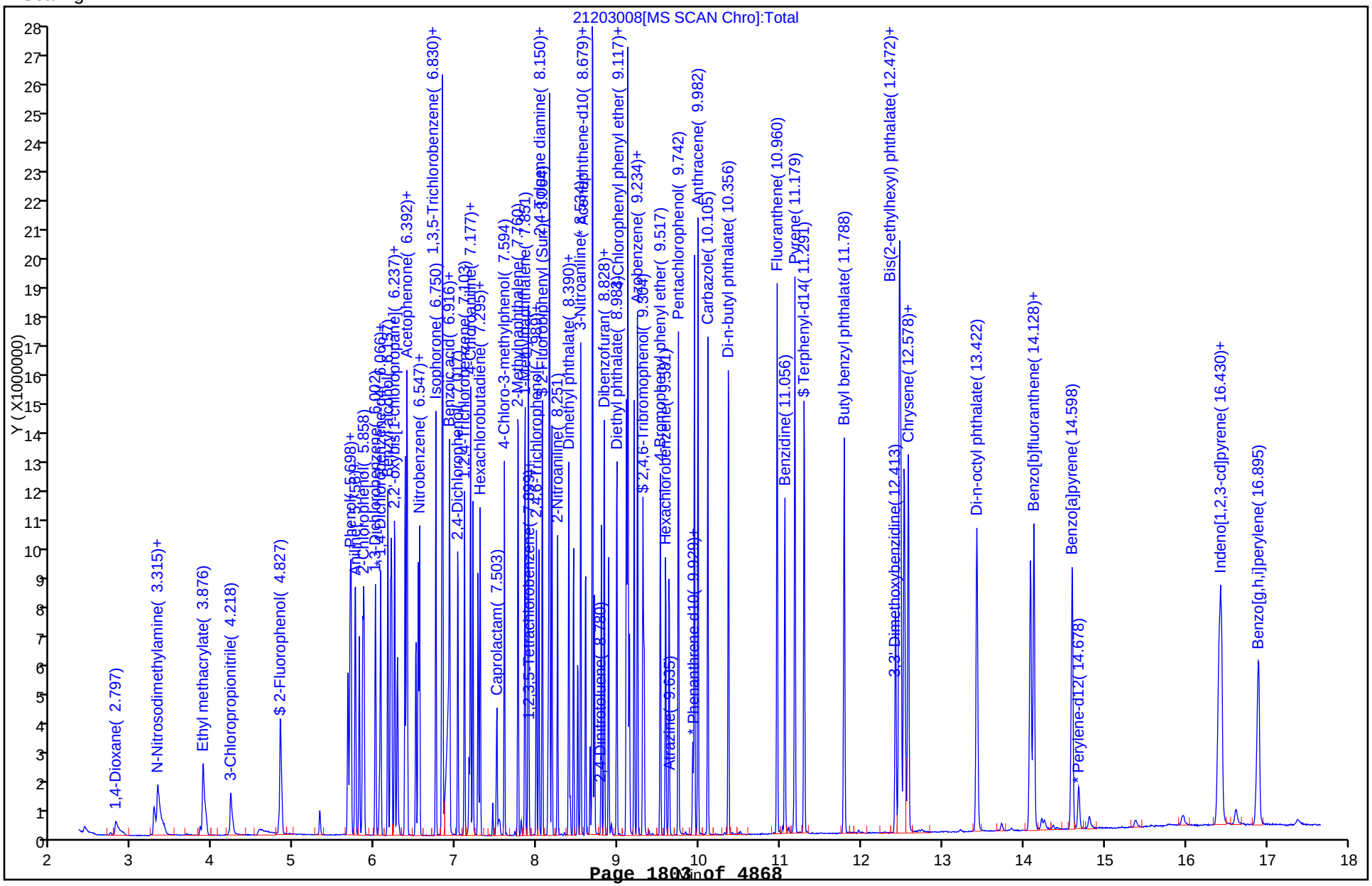
Report Date: 04-Dec-2012 08:01:27 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203008.D

Injection Date:	03-Dec-2012 14:04:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	8
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203009.D		
Lims ID:	std7 tcl	Client ID:	
Inject. Date:	03-Dec-2012 14:36:30	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	7
Sample ID:	240-0015467-009		
Misc. Info.:	STD7 TCL =STD7 TCL		
Operator:	001574	Instrument ID:	A4HP9
Injection Vol:	1.0 ul	ALS Bottle#:	9
Lims Batch ID:	67070	Lims Sample ID:	9
Sublist:	chrom-8270 _9*sub13		
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\8270 _9.m		
Last Update:	04-Dec-2012 08:01:28	Calib Date:	03-Dec-2012 15:01:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK031		
First Level Reviewer: ulmanm		Date:	03-Dec-2012 15:31:17

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	6.052	6.053	-0.001	86	196540	4.00	
* 2 Naphthalene-d8	136	7.157	7.159	-0.002	98	845951	4.00	
* 3 Acenaphthene-d10	164	8.653	8.649	0.004	66	522597	4.00	
* 4 Phenanthrene-d10	188	9.919	9.915	0.004	77	913285	4.00	
* 5 Chrysene-d12	240	12.542	12.538	0.004	75	940204	4.00	
* 6 Perylene-d12	264	14.685	14.681	0.004	85	763816	4.00	
$ 7 2-Fluorophenol	112	4.828	4.830	-0.002	92	1197803	15.5	
$ 8 Phenol-d5	99	5.688	5.684	0.004	0	1779153	15.9	
$ 9 Nitrobenzene-d5	82	6.527	6.528	-0.001	79	1975313	15.3	
$ 10 2-Fluorobiphenyl (Surr)	172	8.060	8.062	-0.002	95	2610009	15.0	
$ 11 2,4,6-Tribromophenol	330	9.321	9.317	0.004	72	323865	16.0	
$ 12 Terphenyl-d14	244	11.292	11.294	-0.002	96	2873627	14.9	
25 1,4-Dioxane	88	2.793	2.805	-0.012	78	543998	14.3	
26 N-Nitrosodimethylamine	74	3.268	3.275	-0.007	77	816856	16.3	
27 Pyridine	79	3.316	3.318	-0.002	79	1620749	15.8	
28 Ethyl methacrylate	69	3.872	3.879	-0.007	78	1500922	15.1	
29 3-Chloropropionitrile	54	4.214	4.215	-0.001	82	579758	16.0	
33 Malononitrile	66		4.627					
41 Benzaldehyde	77	5.662	5.663	-0.001	81	1269321	16.3	
43 Phenol	94	5.699	5.700	-0.001	89	2003163	15.8	
44 Aniline	93	5.753	5.754	-0.002	83	2502297	15.8	
69 Bis(2-chloroethyl)ether	93	5.801	5.802	-0.001	91	1492774	15.3	
46 2-Chlorophenol	128	5.859	5.861	-0.002	88	1096266	15.3	
47 1,3-Dichlorobenzene	146	6.004	6.005	-0.001	81	1180356	15.3	
48 1,4-Dichlorobenzene	146	6.068	6.069	-0.001	78	1151768	14.8	
49 Benzyl alcohol	108	6.153	6.154	-0.001	83	916925	15.5	
50 1,2-Dichlorobenzene	146	6.201	6.203	-0.002	78	1114610	14.9	
51 2-Methylphenol	108	6.239	6.240	-0.001	94	1325720	15.7	
53 2,2'-oxybis[1-chloropropane]	45	6.271	6.272	-0.001	94	1562839	15.7	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
21 3 & 4 Methylphenol	108	6.367	6.363	0.004	91	1390992	15.5	
57 N-Nitrosodi-n-propylamine	70	6.383	6.384	-0.001	64	1420567	16.1	
58 Acetophenone	105	6.394	6.395	-0.001	85	2023578	15.5	
61 Hexachloroethane	117	6.500	6.502	-0.002	90	542116	14.9	
62 Nitrobenzene	77	6.548	6.544	0.004	70	2033011	14.9	
64 Isophorone	82	6.746	6.747	-0.001	92	3869063	15.6	
66 2-Nitrophenol	139	6.821	6.822	-0.001	88	580637	15.6	
65 2,4-Dimethylphenol	107	6.832	6.828	0.004	95	1535491	14.7	
67 1,3,5-Trichlorobenzene	180	6.832	6.833	-0.001	67	1095265	14.4	
71 Benzoic acid	122	6.901	6.865	0.036	77	1441946	29.6	
70 Bis(2-chloroethoxy)methane	93	6.917	6.918	-0.001	88	1938498	15.2	
73 2,4-Dichlorophenol	162	7.019	7.020	-0.001	88	872558	14.6	
74 1,2,4-Trichlorobenzene	180	7.104	7.100	0.004	80	1071050	14.4	
75 Naphthalene	128	7.179	7.175	0.004	80	3546318	15.3	
76 4-Chloroaniline	127	7.206	7.202	0.004	79	1398635	15.2	
79 Hexachlorobutadiene	225	7.270	7.271	-0.001	85	596689	14.8	
80 1,2,3-Trichlorobenzene	180	7.296	7.292	0.004	79	999010	0	
84 Caprolactam	113	7.494	7.479	0.015	79	356527	14.6	
86 4-Chloro-3-methylphenol	107	7.596	7.592	0.004	79	1322578	15.0	
87 2-Methylnaphthalene	142	7.761	7.762	-0.001	82	2197459	15.1	
88 1-Methylnaphthalene	142	7.847	7.848	-0.001	80	2113183	15.0	
90 1,2,3,5-Tetrachlorobenzene	216	7.889	7.891	-0.002	81	1097095	15.0	
89 Hexachlorocyclopentadiene	237	7.889	7.891	-0.002	63	660004	15.7	
92 2,4,6-Trichlorophenol	196	7.991	7.987	0.004	85	700417	15.5	
93 2,4,5-Trichlorophenol	196	8.018	8.019	-0.001	88	731223	14.7	
97 2,4-Toluene diamine	121	8.135	8.131	0.004	95	584842	14.1	
99 1,2,3,4 -Tetrachlorobenzene	216	8.146	8.147	-0.001	84	1044182	0	
98 1,1'-Biphenyl	154	8.151	8.152	-0.001	93	2933167	15.5	
100 2-Chloronaphthalene	162	8.178	8.179	-0.001	91	2170503	15.1	
102 2-Nitroaniline	65	8.247	8.249	-0.002	69	1059612	15.8	
105 Dimethyl phthalate	163	8.392	8.388	0.004	94	2638665	15.5	
107 2,6-Dinitrotoluene	165	8.445	8.446	-0.001	76	571148	16.2	
108 1,2-Dinitrobenzene	168	8.498	8.494	0.004	80	271922	15.7	
109 Acenaphthylene	152	8.536	8.537	-0.001	68	3717874	16.2	
110 3-Nitroaniline	138	8.595	8.591	0.005	76	605348	15.9	
111 2,4-Dinitrophenol	184	8.680	8.676	0.004	67	779421	29.9	
112 Acenaphthene	153	8.680	8.681	-0.001	84	2197679	15.1	
113 4-Nitrophenol	109	8.707	8.697	0.010	82	437400	15.7	
114 2,4-Dinitrotoluene	165	8.792	8.788	0.004	75	744156	15.7	
116 Dibenzofuran	168	8.824	8.826	-0.002	87	3312358	15.7	
118 2,3,5,6-Tetrachlorophenol	232	8.883	8.879	0.004	85	629040	15.2	
121 Diethyl phthalate	149	8.979	8.980	-0.001	95	2575128	15.3	
123 4-Chlorophenyl phenyl ether	204	9.102	9.098	0.004	89	1337478	14.8	
125 4-Nitroaniline	138	9.118	9.109	0.009	74	652966	16.3	
126 Fluorene	166	9.118	9.114	0.004	70	2719190	15.3	
128 4,6-Dinitro-2-methylphenol	198	9.134	9.130	0.004	75	513143	14.6	
131 N-Nitrosodiphenylamine	169	9.198	9.194	0.004	92	1959808	15.5	
133 Azobenzene	77	9.236	9.237	-0.001	91	5241671	17.1	
132 1,2-Diphenylhydrazine	77	9.236	9.237	-0.001	99	5242019	17.1	
139 4-Bromophenyl phenyl ether	248	9.519	9.520	-0.001	66	704915	15.3	
141 Hexachlorobenzene	284	9.583	9.584	-0.001	74	687504	14.8	
142 Atrazine	200	9.626	9.622	0.004	80	613227	15.3	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
143 Pentachlorophenol	266	9.743	9.739	0.004	78	1074664	29.9	
148 Phenanthrene	178	9.941	9.937	0.004	81	4266491	15.6	
149 Anthracene	178	9.983	9.979	0.004	81	4603038	16.8	
151 Carbazole	167	10.106	10.102	0.004	63	3878743	15.8	
154 Di-n-butyl phthalate	149	10.357	10.359	-0.002	100	5022953	16.7	
159 Fluoranthene	202	10.961	10.957	0.004	76	5163534	16.6	
160 Benzidine	184	11.057	11.053	0.004	86	2624642	14.2	
161 Pyrene	202	11.180	11.176	0.004	77	5266082	16.2	
168 Butyl benzyl phthalate	149	11.789	11.785	0.004	84	1998546	15.4	
172 3,3'-Dimethoxybenzidine	244	12.419	12.415	0.004	74	1115656	14.1	
174 4,4'-Methylene bis(2-chloroanili	231	12.468	12.464	0.004	63	822324	15.7	
175 3,3'-Dichlorobenzidine	252	12.468	12.464	0.004	69	1613926	14.4	
173 Bis(2-ethylhexyl) phthalate	149	12.484	12.485	-0.001	94	2892564	15.0	
177 Benzo[a]anthracene	228	12.526	12.522	0.004	84	4418081	15.1	
178 Chrysene	228	12.580	12.576	0.004	81	4053767	15.1	
180 Di-n-octyl phthalate	149	13.424	13.425	-0.001	98	4994408	14.4	
182 Benzo[b]fluoranthene	252	14.086	14.077	0.009	82	4092896	15.5	
183 Benzo[k]fluoranthene	252	14.129	14.120	0.009	83	4263040	15.7	
184 Benzo[a]pyrene	252	14.599	14.595	0.004	77	3873105	15.5	
188 Indeno[1,2,3-cd]pyrene	276	16.410	16.401	0.009	75	4197780	15.3	
189 Dibenz(a,h)anthracene	278	16.437	16.427	0.010	74	3493923	15.5	
190 Benzo[g,h,i]perylene	276	16.896	16.881	0.015	72	3434050	14.9	
S 191 Methyl Phenols,Total	100				0		31.2	

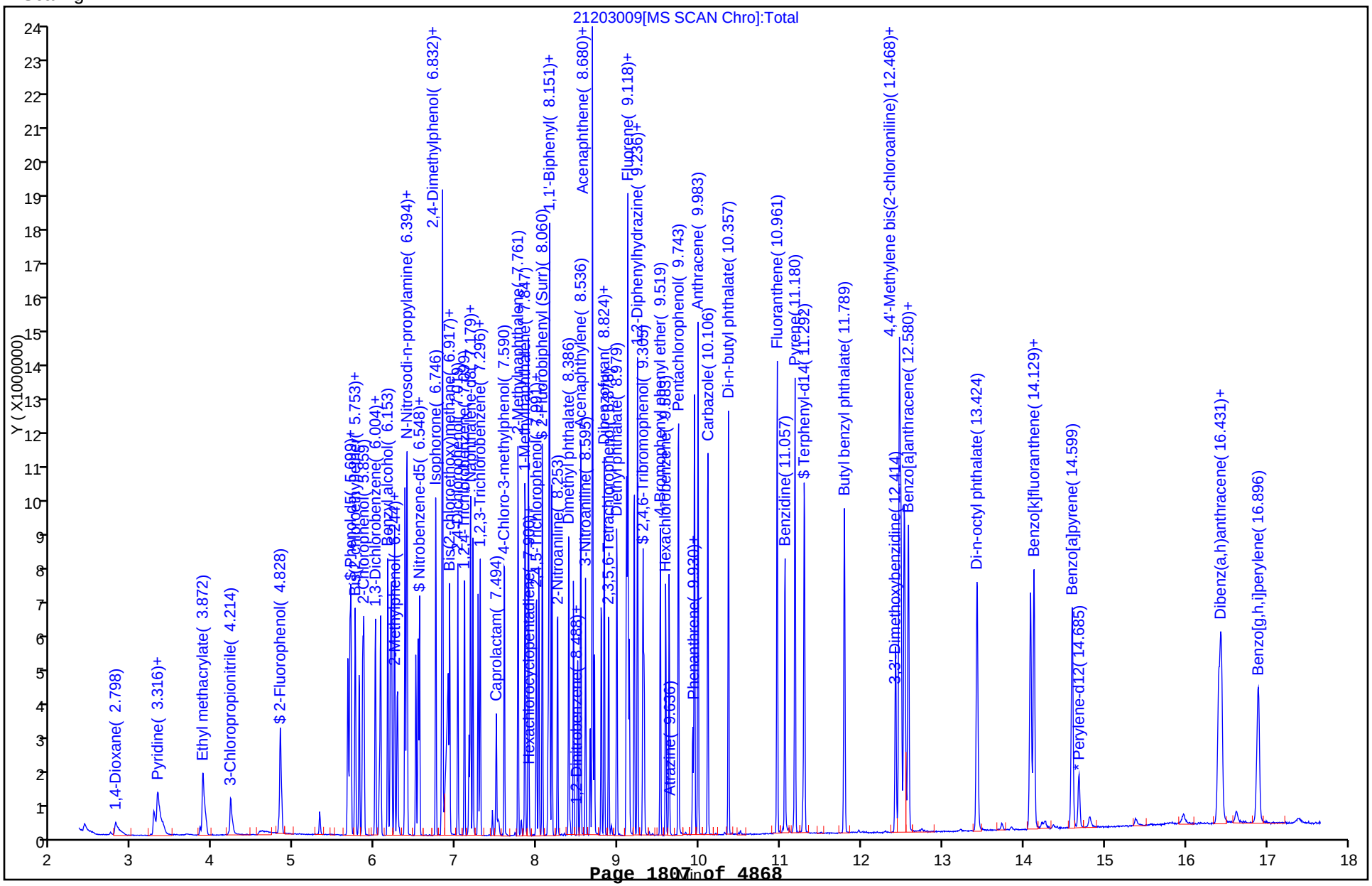
Report Date: 04-Dec-2012 08:01:28 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203009.D

Injection Date:	03-Dec-2012 14:36:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	9
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203010.D		
Lims ID:	std6 tcl	Client ID:	
Inject. Date:	03-Dec-2012 15:01:30	Dil. Factor:	1.0000
Sample Type:	ICIS	Calib Level:	6
Sample ID:	240-0015467-010		
Misc. Info.:	STD6 TCL =STD6 TCL		
Operator:	001574	Instrument ID:	A4HP9
Injection Vol:	1.0 ul	ALS Bottle#:	10
Lims Batch ID:	67070	Lims Sample ID:	10
Sublist:	chrom-8270 _9*sub13		
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\8270 _9.m		
Last Update:	04-Dec-2012 08:01:30	Calib Date:	03-Dec-2012 15:01:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK031		
First Level Reviewer: ulmanm		Date:	03-Dec-2012 15:53:56

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	6.050	6.050	0.0	84	219993	4.00	
* 2 Naphthalene-d8	136	7.156	7.156	0.0	97	913768	4.00	
* 3 Acenaphthene-d10	164	8.652	8.652	0.0	61	570837	4.00	
* 4 Phenanthrene-d10	188	9.918	9.918	0.0	78	998118	4.00	
* 5 Chrysene-d12	240	12.541	12.541	0.0	75	998924	4.00	
* 6 Perylene-d12	264	14.677	14.677	0.0	76	831813	4.00	
$ 7 2-Fluorophenol	112	4.832	4.832	0.0	93	847177	9.79	
$ 8 Phenol-d5	99	5.687	5.687	0.0	0	1278603	10.2	
$ 9 Nitrobenzene-d5	82	6.531	6.531	0.0	82	1375736	9.84	
$ 10 2-Fluorobiphenyl (Surr)	172	8.059	8.059	0.0	98	1844912	9.73	
$ 11 2,4,6-Tribromophenol	330	9.319	9.319	0.0	68	230291	10.4	
$ 12 Terphenyl-d14	244	11.291	11.291	0.0	95	2036667	9.95	
25 1,4-Dioxane	88	2.807	2.807	0.0	74	399753	9.36	
26 N-Nitrosodimethylamine	74	3.272	3.272	0.0	83	607272	10.8	
27 Pyridine	79	3.320	3.320	0.0	94	1153107	10.1	
28 Ethyl methacrylate	69	3.876	3.876	0.0	83	1072582	9.66	
29 3-Chloropropionitrile	54	4.218	4.218	0.0	83	422307	10.4	
33 Malononitrile	66		4.627					
41 Benzaldehyde	77	5.665	5.665	0.0	83	965070	9.45	
43 Phenol	94	5.703	5.703	0.0	88	1431885	10.1	
44 Aniline	93	5.751	5.751	0.0	82	1794952	10.1	
69 Bis(2-chloroethyl)ether	93	5.804	5.804	0.0	93	1075083	9.84	
46 2-Chlorophenol	128	5.858	5.858	0.0	88	798948	9.95	
47 1,3-Dichlorobenzene	146	6.002	6.002	0.0	81	855886	9.91	
48 1,4-Dichlorobenzene	146	6.066	6.066	0.0	78	856970	9.82	
49 Benzyl alcohol	108	6.157	6.157	0.0	83	673487	10.2	
50 1,2-Dichlorobenzene	146	6.199	6.199	0.0	75	804726	9.59	
51 2-Methylphenol	108	6.237	6.237	0.0	94	973970	10.3	
53 2,2'-oxybis[1-chloropropane]	45	6.274	6.274	0.0	95	1110965	9.98	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
21 3 & 4 Methylphenol	108	6.365	6.365	0.0	87	1015483	10.1	
57 N-Nitrosodi-n-propylamine	70	6.386	6.386	0.0	69	990057	10.0	
58 Acetophenone	105	6.392	6.392	0.0	86	1444593	9.90	
61 Hexachloroethane	117	6.504	6.504	0.0	90	396040	9.71	
62 Nitrobenzene	77	6.547	6.547	0.0	70	1497384	10.2	
64 Isophorone	82	6.744	6.744	0.0	94	2794681	10.4	
66 2-Nitrophenol	139	6.819	6.819	0.0	85	428852	10.7	
65 2,4-Dimethylphenol	107	6.830	6.830	0.0	95	1124586	9.98	
67 1,3,5-Trichlorobenzene	180	6.830	6.830	0.0	67	798595	9.70	
71 Benzoic acid	122	6.889	6.889	0.0	77	992750	20.0	
70 Bis(2-chloroethoxy)methane	93	6.915	6.915	0.0	94	1378514	10.0	
73 2,4-Dichlorophenol	162	7.017	7.017	0.0	87	641251	9.90	
74 1,2,4-Trichlorobenzene	180	7.102	7.102	0.0	78	767717	9.59	
75 Naphthalene	128	7.177	7.177	0.0	79	2482143	9.89	
76 4-Chloroaniline	127	7.204	7.204	0.0	79	1004186	10.1	
79 Hexachlorobutadiene	225	7.268	7.268	0.0	86	426339	9.76	
80 1,2,3-Trichlorobenzene	180	7.295	7.295	0.0	78	728769	0	
84 Caprolactam	113	7.487	7.487	0.0	82	267301	10.1	
86 4-Chloro-3-methylphenol	107	7.594	7.594	0.0	79	971266	10.2	
87 2-Methylnaphthalene	142	7.759	7.759	0.0	85	1568614	9.97	
88 1-Methylnaphthalene	142	7.850	7.850	0.0	79	1525035	10.0	
90 1,2,3,5-Tetrachlorobenzene	216	7.888	7.888	0.0	81	793734	9.97	
89 Hexachlorocyclopentadiene	237	7.893	7.893	0.0	73	464113	10.1	
92 2,4,6-Trichlorophenol	196	7.989	7.989	0.0	85	487834	9.87	
93 2,4,5-Trichlorophenol	196	8.016	8.016	0.0	89	549869	10.1	
97 2,4-Toluene diamine	121	8.133	8.133	0.0	97	444710	9.94	
99 1,2,3,4 -Tetrachlorobenzene	216	8.144	8.144	0.0	84	767938	0	
98 1,1'-Biphenyl	154	8.149	8.149	0.0	94	2097075	10.2	
100 2-Chloronaphthalene	162	8.181	8.181	0.0	91	1601844	10.2	
102 2-Nitroaniline	65	8.246	8.246	0.0	71	759915	10.4	
105 Dimethyl phthalate	163	8.384	8.384	0.0	92	1847769	9.96	
107 2,6-Dinitrotoluene	165	8.443	8.443	0.0	75	408875	10.6	
108 1,2-Dinitrobenzene	168	8.497	8.497	0.0	81	202332	10.7	
109 Acenaphthylene	152	8.534	8.534	0.0	86	2549553	10.2	
110 3-Nitroaniline	138	8.593	8.593	0.0	80	425539	10.3	
111 2,4-Dinitrophenol	184	8.678	8.678	0.0	65	538392	20.0	
112 Acenaphthene	153	8.678	8.678	0.0	84	1575777	9.90	
113 4-Nitrophenol	109	8.700	8.700	0.0	74	325899	10.7	
114 2,4-Dinitrotoluene	165	8.785	8.785	0.0	78	550422	10.6	
116 Dibenzofuran	168	8.822	8.822	0.0	85	2367844	10.3	
118 2,3,5,6-Tetrachlorophenol	232	8.881	8.881	0.0	85	453798	10.1	
121 Diethyl phthalate	149	8.977	8.977	0.0	94	1832980	9.99	
123 4-Chlorophenyl phenyl ether	204	9.100	9.100	0.0	88	981917	9.95	
125 4-Nitroaniline	138	9.111	9.111	0.0	80	458818	10.5	
126 Fluorene	166	9.116	9.116	0.0	67	1907218	9.81	
128 4,6-Dinitro-2-methylphenol	198	9.132	9.132	0.0	76	374569	10.0	
131 N-Nitrosodiphenylamine	169	9.191	9.191	0.0	94	1381461	10.0	
133 Azobenzene	77	9.234	9.234	0.0	92	3692336	11.0	
132 1,2-Diphenylhydrazine	77	9.234	9.234	0.0	99	3692336	11.0	
139 4-Bromophenyl phenyl ether	248	9.517	9.517	0.0	66	517373	10.3	
141 Hexachlorobenzene	284	9.581	9.581	0.0	78	503817	9.92	
142 Atrazine	200	9.624	9.624	0.0	80	463454	10.6	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
143 Pentachlorophenol	266	9.741	9.741	0.0	81	749230	19.7	
148 Phenanthrene	178	9.939	9.939	0.0	82	2998659	10.1	
149 Anthracene	178	9.982	9.982	0.0	81	3207585	10.7	
151 Carbazole	167	10.105	10.105	0.0	61	2771758	10.4	
154 Di-n-butyl phthalate	149	10.356	10.356	0.0	100	3532454	10.7	
159 Fluoranthene	202	10.959	10.959	0.0	76	3605052	10.6	
160 Benzidine	184	11.050	11.050	0.0	86	1843303	9.84	
161 Pyrene	202	11.178	11.178	0.0	73	3639569	10.5	
168 Butyl benzyl phthalate	149	11.787	11.787	0.0	85	1468183	10.6	
172 3,3'-Dimethoxybenzidine	244	12.418	12.418	0.0	85	786421	9.73	
174 4,4'-Methylene bis(2-chloroanili	231	12.466	12.466	0.0	67	594586	10.7	
175 3,3'-Dichlorobenzidine	252	12.466	12.466	0.0	70	1151707	9.95	
173 Bis(2-ethylhexyl) phthalate	149	12.482	12.482	0.0	94	2092198	10.2	
177 Benzo[a]anthracene	228	12.525	12.525	0.0	80	3116592	10.0	
178 Chrysene	228	12.573	12.573	0.0	82	2855800	10.0	
180 Di-n-octyl phthalate	149	13.422	13.422	0.0	98	3512292	9.91	
182 Benzo[b]fluoranthene	252	14.079	14.079	0.0	83	2885491	10.0	
183 Benzo[k]fluoranthene	252	14.122	14.122	0.0	82	3025983	10.2	
184 Benzo[a]pyrene	252	14.597	14.597	0.0	77	2722148	10.0	
188 Indeno[1,2,3-cd]pyrene	276	16.403	16.403	0.0	78	3017526	10.1	
189 Dibenz(a,h)anthracene	278	16.430	16.430	0.0	60	2535331	10.3	
190 Benzo[g,h,i]perylene	276	16.889	16.889	0.0	80	2461930	9.80	
S 191 Methyl Phenols,Total	100				0		20.4	

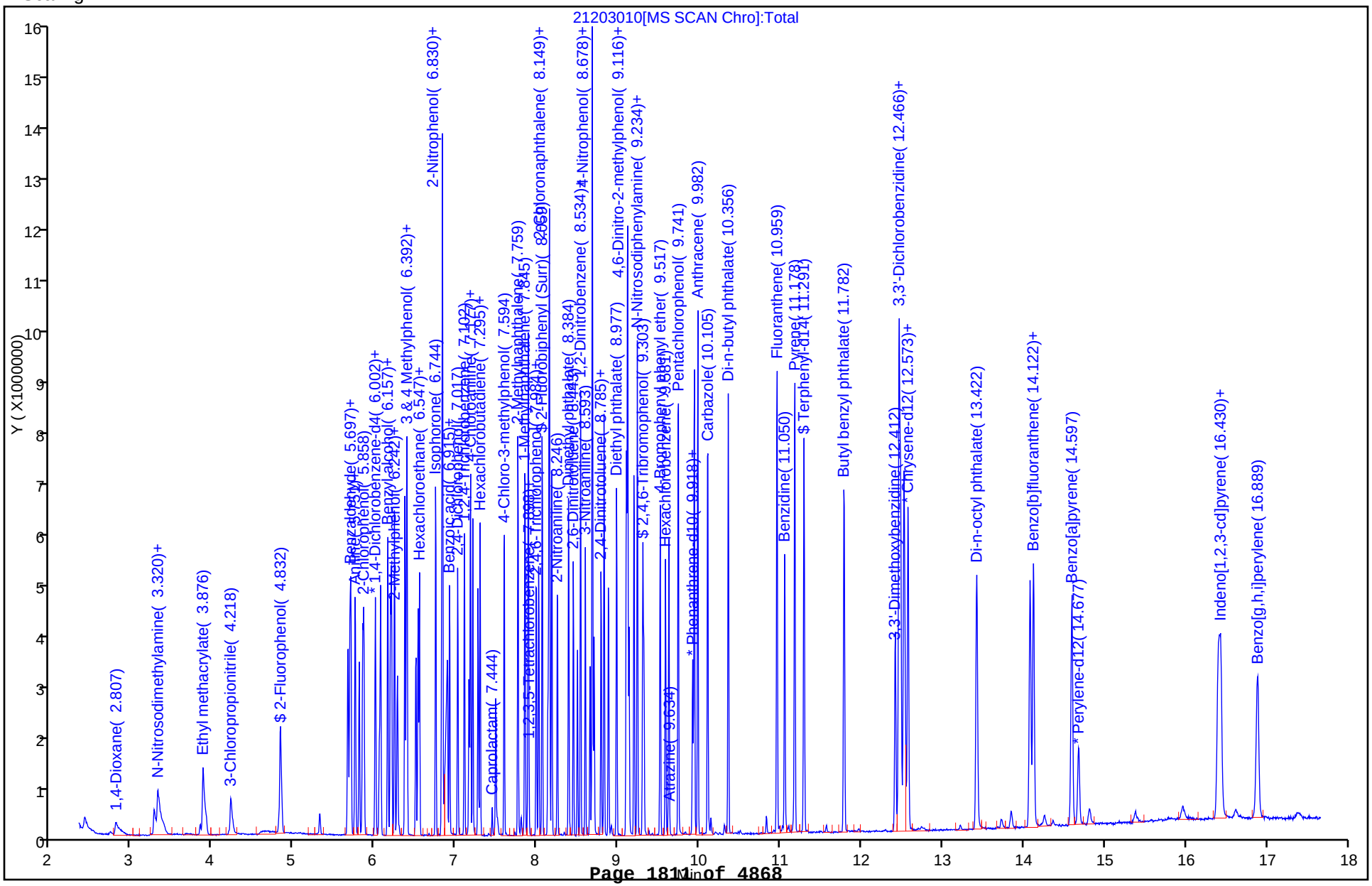
Report Date: 04-Dec-2012 08:01:30 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203010.D

Injection Date:	03-Dec-2012 15:01:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	10
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-17317-1 Analy Batch No.: 68161

SDG No.:

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/11/2012 12:10 Calibration End Date: 12/11/2012 15:28 Calibration ID: 12751

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 240-68161/6	21211006.D
Level 2	STD2 240-68161/5	21211005.D
Level 3	STD3 240-68161/4	21211004.D
Level 4	STD4 240-68161/3	21211003.D
Level 5	STD5 240-68161/2	21211002.D
Level 6	STD6 240-68161/10	21211010.D
Level 7	STD7 240-68161/9	21211009.D
Level 8	STD8 240-68161/8	21211008.D
Level 9	STD9 240-68161/7	21211007.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
1,4-Dioxane	0.7190	+++++ 0.6901	1.0716 0.7172	0.7885 0.7156	0.6768	Qua	0.3072	0.6444	0.0025		0.0500				0.9990		0.9950
N-Nitrosodimethylamine	0.9861	0.5185 1.0014	0.7331 1.0296	0.7343 1.0552	0.7191	Qua	-0.418	0.9386	0.0055		0.0500				0.9990		0.9950
Pyridine	1.9766	1.9649 1.9512	1.9696 2.0096	1.6586 2.0064	1.6582	Ave		1.8994			0.0500	7.9		15.0			
Ethyl methacrylate	1.7238	1.9845 1.7513	1.6606 1.8188	1.6599 1.8300	1.5973	Ave		1.7533			0.0500	7.0		15.0			
3-Chloropropionitrile	0.7622	0.6335 0.8385	0.7015 0.9091	0.7835 0.9163	0.6865	Ave		0.7789			0.0500	13.0		15.0			
Benzaldehyde	2.3144 2.1950	2.2429 2.0175	2.1869 1.9213	2.1521 +++++	2.0019	Ave		2.1290			0.0500	6.3		15.0			
Phenol	2.4659	2.5883 2.4487	2.2263 2.5775	2.2057 2.5873	2.2323	Ave		2.4165			0.0500	7.0		15.0			
Aniline	3.0052	2.5911 3.0503	2.9359 3.2069	2.6591 3.2335	2.7229	Ave		2.9256			0.0500	8.4		15.0			
Bis(2-chloroethyl)ether	2.2648	2.3356 2.2677	2.0966 2.4090	1.9973 2.3954	1.9929	Ave		2.2199			0.0500	7.6		15.0			
2-Chlorophenol	1.4513	1.2937 1.3769	1.3194 1.4533	1.2321 1.4213	1.2987	Ave		1.3558			0.0500	6.1		15.0			
1,3-Dichlorobenzene	1.8160	1.7591 1.7757	1.7641 1.8535	1.7116 1.8819	1.7166	Ave		1.7848			0.0500	3.4		15.0			
Benzoic acid	0.2196	+++++ 0.2209	0.1427 0.2509	0.1629 0.2422	0.1964	Qua	-0.231	0.2189	0.0006		0.0500				0.9970		0.9950
1,4-Dichlorobenzene	1.5145	1.7195 1.4831	1.4867 1.5650	1.3466 1.5969	1.3547	Ave		1.5084			0.0500	8.2		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-17317-1 Analy Batch No.: 68161

SDG No.:

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/11/2012 12:10 Calibration End Date: 12/11/2012 15:28 Calibration ID: 12751

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Benzyl alcohol	1.0873	1.0309 1.0769	1.0206 1.1062	1.0144 1.1117	0.9178	Ave		1.0457			0.0500	6.1		15.0			
1,2-Dichlorobenzene	1.7072	1.6877 1.7029	1.7187 1.7888	1.6010 1.8132	1.5923	Ave		1.7015			0.0500	4.6		15.0			
2-Methylphenol	1.5676	1.3331 1.5547	1.4938 1.6407	1.4604 1.6570	1.4177	Ave		1.5156			0.0500	7.3		15.0			
bis (2-chloroisopropyl) ether	2.2280	2.2365 2.2151	2.1300 2.3620	2.0808 2.3170	1.9306	Ave		2.1875			0.0500	6.3		15.0			
3 & 4 Methylphenol	1.6321	1.6612 1.6815	1.4784 1.7192	1.5304 1.7793	1.5109	Ave		1.6241			0.0500	6.6		15.0			
N-Nitrosodi-n-propylamine	1.6359	1.5617 1.6774	1.5729 1.7567	1.5039 1.7745	1.4358	Ave		1.6148			0.0500	7.4		15.0			
Acetophenone	2.4929	2.4294 2.4895	2.2945 2.6388	2.2442 2.6299	2.2255	Ave		2.4306			0.0500	6.7		15.0			
Hexachloroethane	0.7719	0.7976 0.7686	0.8031 0.7944	0.7501 0.8057	0.7335	Ave		0.7781			0.0500	3.4		15.0			
Nitrobenzene	0.7279	0.6681 0.7449	0.6935 0.8068	0.6987 0.8027	0.6568	Ave		0.7249			0.0500	7.9		15.0			
Isophorone	1.0788	0.9119 1.1060	0.9738 1.2160	0.9651 1.2175	0.9758	Ave		1.0556			0.0500	11.0		15.0			
2-Nitrophenol	0.1730	0.1609 0.1801	0.1528 0.1969	0.1618 0.1936	0.1716	Ave		0.1739			0.0500	9.0		15.0			
2,4-Dimethylphenol	0.4724	0.4069 0.4611	0.4388 0.4960	0.4213 0.5058	0.4367	Ave		0.4549			0.0500	7.7		15.0			
1,3,5-Trichlorobenzene	0.3627	0.3894 0.3769	0.3894 0.3993	0.3822 0.4025	0.3925	Ave		0.3868			0.0500	3.3		15.0			
Bis(2-chloroethoxy)methane	0.6880	0.7227 0.7147	0.6705 0.7618	0.6212 0.7544	0.6259	Ave		0.6949			0.0500	7.7		15.0			
2,4-Dichlorophenol	0.2752	0.2535 0.2686	0.2365 0.2905	0.2646 0.2903	0.2390	Ave		0.2648			0.0500	7.9		15.0			
1,2,4-Trichlorobenzene	0.3690	0.3959 0.3750	0.3644 0.4086	0.3583 0.3998	0.3618	Ave		0.3791			0.0500	5.1		15.0			
Naphthalene	1.0541 1.0086	0.9780 1.0147	0.9574 1.1151	0.9542 1.1354	0.9628	Ave		1.0200			0.0500	6.7		15.0			
4-Chloroaniline	0.4133	0.3763 0.4191	0.4263 0.4575	0.3843 0.4551	0.3822	Ave		0.4143			0.0500	7.7		15.0			
Hexachlorobutadiene	0.2042	0.1989 0.2010	0.2147 0.2147	0.2060 0.2163	0.2038	Ave		0.2075			0.0500	3.3		15.0			
Caprolactam	0.1126	0.0895 0.1046	0.0899 0.1146	0.0929 0.1081	0.1146	Ave		0.1033			0.0500	11.0		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-17317-1 Analy Batch No.: 68161

SDG No.:

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/11/2012 12:10 Calibration End Date: 12/11/2012 15:28 Calibration ID: 12751

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
2,4-Dinitrophenol	0.1939	+++++ 0.2018	0.0855 0.2053	0.1504 0.2161	0.1595	Qua	-0.213	0.1877	0.0006		0.0500				1.0000		0.9950
4-Chloro-3-methylphenol	0.3939	0.3437 0.4000	0.3671 0.4357	0.3891 0.4383	0.3679	Ave		0.3920			0.0500	8.4		15.0			
4-Nitrophenol	0.2242	+++++ 0.2381	0.2015 0.2300	0.2039 0.2415	0.2168	Ave		0.2223			0.0500	7.1		15.0			
2-Methylnaphthalene	0.7482 0.6643	0.6426 0.6764	0.6797 0.7440	0.6345 0.7423	0.6411	Ave		0.6859			0.0500	6.8		15.0			
2,3,5,6-Tetrachlorophenol	0.2832	+++++ 0.3157	0.2475 0.3133	0.2690 0.3242	0.2624	Ave		0.2879			0.0500	10.0		15.0			
1-Methylnaphthalene	0.6015 0.6326	0.5441 0.6544	0.6019 0.7084	0.5928 0.7071	0.6230	Ave		0.6296			0.0500	8.5		15.0			
1,2,3,5-Tetrachlorobenzene	0.6012	0.6026 0.6469	0.5709 0.6383	0.5748 0.6498	0.5460	Ave		0.6038			0.0500	6.4		15.0			
Hexachlorocyclopentadiene	0.3764	0.3613 0.4240	0.3333 0.4159	0.3251 0.4402	0.3644	Ave		0.3801			0.0500	11.0		15.0			
4,6-Dinitro-2-methylphenol	0.1272	+++++ 0.1409	0.0628 0.1516	0.0988 0.1470	0.1204	Qua	-0.096	0.1388	0.0006		0.0500				0.9980		0.9950
2,4,6-Trichlorophenol	0.3309	0.2854 0.3532	0.2979 0.3469	0.3402 0.3572	0.3253	Ave		0.3296			0.0500	7.9		15.0			
2,4,5-Trichlorophenol	0.3508	0.3317 0.3713	0.3128 0.3841	0.3181 0.3943	0.3439	Ave		0.3509			0.0500	8.6		15.0			
2,4-Toluene diamine	0.1965	0.2951 0.1820	0.2363 0.1826	0.1842 0.1846	0.1846	Qua	0.0410	0.1829	0		0.0500				0.9990		0.9950
1,1'-Biphenyl	1.2520 1.3437	1.3469 1.4594	1.3306 1.4686	1.3442 1.5503	1.2324	Ave		1.3698			0.0500	7.6		15.0			
2-Chloronaphthalene	1.1191 1.2168	1.2642 1.3299	1.1708 1.3434	1.1852 1.3874	1.1189	Ave		1.2373			0.0500	8.0		15.0			
2-Nitroaniline	0.4817	0.4446 0.5144	0.4469 0.5115	0.4121 0.5294	0.4209	Ave		0.4702			0.0500	9.6		15.0			
Dimethyl phthalate	1.1761	1.1252 1.2819	1.1283 1.2915	1.1569 1.3339	1.0910	Ave		1.1981			0.0500	7.6		15.0			
2,6-Dinitrotoluene	0.3129	0.2377 0.3472	0.2276 0.3404	0.2764 0.3555	0.2762	Qua	-0.093	0.3101	0.0020		0.0500				0.9990		0.9950
1,2-Dinitrobenzene	0.1541	0.0847 0.1700	0.1299 0.1666	0.1414 0.1696	0.1517	Qua	-0.044	0.1608	0.0004		0.0500				0.9990		0.9950
Acenaphthylene	1.6686 1.7355	1.5739 1.9214	1.5921 1.9489	1.6060 2.0234	1.6053	Ave		1.7417			0.0500	10.0		15.0			
3-Nitroaniline	0.2925	0.2093 0.3273	0.2543 0.3171	0.2498 0.3295	0.2619	Ave		0.2802			0.0500	15.0		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-17317-1 Analy Batch No.: 68161

SDG No.:

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/11/2012 12:10 Calibration End Date: 12/11/2012 15:28 Calibration ID: 12751

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Acenaphthene	1.4053 1.0871	0.9507 1.1674	1.0552 1.1663	1.0479 1.2219	1.0103	Ave		1.1236			0.0500	12.0		15.0			
2,4-Dinitrotoluene	0.4162	0.3281 0.4625	0.3366 0.4605	0.3730 0.4711	0.4299	Ave		0.4097			0.0500	14.0		15.0			
Dibenzofuran	1.6774 1.4727	1.3293 1.6041	1.5230 1.6502	1.3936 1.7278	1.3853	Ave		1.5293			0.0500	9.4		15.0			
Diethyl phthalate	1.1886	1.0889 1.2794	1.0961 1.2916	1.1712 1.3716	1.0990	Ave		1.1983			0.0500	8.8		15.0			
4-Chlorophenyl phenyl ether	0.7277	0.7283 0.7740	0.7049 0.7676	0.7012 0.8009	0.6728	Ave		0.7347			0.0500	5.9		15.0			
4-Nitroaniline	0.3139	0.2165 0.3379	0.2594 0.3435	0.2785 0.3596	0.2984	Qua	-0.047	0.2974	0.0025		0.0500				1.0000		0.9950
Fluorene	1.3693 1.2544	1.2368 1.3495	1.2250 1.3544	1.2047 1.4213	1.1703	Ave		1.2873			0.0500	6.8		15.0			
N-Nitrosodiphenylamine	0.5173	0.4516 0.5698	0.4866 0.5965	0.5063 0.6049	0.5112	Ave		0.5305			0.0500	10.0		15.0			
1,2-Diphenylhydrazine(as Azobenzene)	1.2833	1.0532 1.3883	1.1365 1.5176	1.1693 1.5192	1.1810	Ave		1.2809			0.0500	14.0		15.0			
Azobenzene	1.2832	1.0532 1.3888	1.1365 1.5175	1.1680 1.5189	1.1810	Ave		1.2809			0.0500	14.0		15.0			
4-Bromophenyl phenyl ether	0.2121	0.1983 0.2214	0.2228 0.2417	0.2211 0.2376	0.2058	Ave		0.2201			0.0500	6.7		15.0			
Hexachlorobenzene	0.2644 0.2083	0.1793 0.2179	0.1987 0.2269	0.2221 0.2251	0.2111	Ave		0.2171			0.0500	11.0		15.0			
Atrazine	0.1643	0.1413 0.1556	0.1558 0.1598	0.1538 0.1518	0.1711	Ave		0.1567			0.0500	5.6		15.0			
Benzidine	0.4855	+++++ 0.5466	0.3709 0.5770	0.4064 0.5555	0.4825	Qua	-0.283	0.5356	0.0017		0.0500				0.9970		0.9950
Pentachlorophenol	0.1366	0.0905 0.1431	0.1124 0.1527	0.1280 0.1501	0.1345	Qua	-0.057	0.1370	0.0003		0.0500				0.9990		0.9950
Phenanthrene	1.2111 1.0366	1.0249 1.1024	1.0012 1.1764	1.0400 1.2308	1.0171	Ave		1.0934			0.0500	8.2		15.0			
Anthracene	0.8322 1.0844	0.8810 1.1818	0.9609 1.2492	1.0041 1.2802	1.0229	Ave		1.0552			0.0500	15.0		15.0			
Carbazole	0.9744	0.8970 1.0553	0.9219 1.1369	0.9283 1.1516	0.9121	Ave		0.9972			0.0500	10.0		15.0			
Di-n-butyl phthalate	1.2134	0.9829 1.3375	1.0491 1.4632	1.1693 1.4870	1.1709	Ave		1.2341			0.0500	15.0		15.0			
3,3'-Dimethoxybenzidine	0.2445	+++++ 0.2741	0.1677 0.3028	0.2035 0.3117	0.2545	Qua	-0.047	0.2250	0.0036		0.0500				0.9990		0.9950

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-17317-1 Analy Batch No.: 68161

SDG No.:

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/11/2012 12:10 Calibration End Date: 12/11/2012 15:28 Calibration ID: 12751

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Fluoranthene	1.0714 1.1447	1.0216 1.2409	1.0704 1.3517	1.1280 1.3881	1.1142	Ave		1.1701			0.0500	11.0		15.0			
Pyrene	1.1101 1.2109	1.1243 1.2588	1.1168 1.3561	1.1111 1.3456	1.1666	Ave		1.2000			0.0500	8.3		15.0			
Butyl benzyl phthalate	 0.5124	0.4163 0.5424	0.4188 0.5753	0.4737 0.5677	0.5077	Ave		0.5018			0.0500	12.0		15.0			
4,4'-Methylene bis(2-chloroaniline)	 0.2123	0.1547 0.2191	0.1964 0.2310	0.1807 0.2225	0.1987	Ave		0.2019			0.0500	12.0		15.0			
3,3'-Dichlorobenzidine	 0.3880	0.2937 0.4163	0.3251 0.4387	0.3314 0.4289	0.3788	Ave		0.3751			0.0500	14.0		15.0			
Bis(2-ethylhexyl) phthalate	 0.7566	0.5423 0.7951	0.6310 0.8279	0.6719 0.8358	0.7363	Ave		0.7246			0.0500	14.0		15.0			
Benzo[a]anthracene	1.0907 1.0914	1.0763 1.1521	1.0863 1.2012	1.0466 1.1999	1.0264	Ave		1.1079			0.0500	5.7		15.0			
Chrysene	1.0448 1.0053	0.9496 1.0648	0.9849 1.1192	0.9664 1.1202	0.9398	Ave		1.0217			0.0500	6.8		15.0			
Di-n-octyl phthalate	 1.5772	0.8966 1.6864	1.2552 1.8632	1.3941 1.8956	1.5445	Qua	-0.231	1.4479	0.0189		0.0500				0.9990		0.9950
Benzo[b]fluoranthene	1.1280 1.2539	1.2099 1.2772	1.1877 1.3606	1.1791 1.3811	1.1947	Ave		1.2414			0.0500	6.9		15.0			
Benzo[k]fluoranthene	0.9963 1.2998	1.1101 1.3044	1.1888 1.4418	1.1499 1.4364	1.1494	Ave		1.2308			0.0500	12.0		15.0			
Benzo[a]pyrene	0.8061 1.1702	1.0095 1.2131	1.0232 1.3102	1.0545 1.3385	1.0959	Ave		1.1135			0.0500	15.0		15.0			
Indeno[1,2,3-cd]pyrene	1.2358 1.2603	1.1213 1.2580	1.0788 1.3916	1.1274 1.4100	1.1561	Ave		1.2266			0.0500	9.6		15.0			
Dibenz(a,h)anthracene	1.0333 1.0348	0.9104 1.0730	0.9555 1.1624	0.9822 1.1822	0.9810	Ave		1.0350			0.0500	8.8		15.0			
Benzo[g,h,i]perylene	0.9021 1.0555	0.9206 1.0589	0.9682 1.1363	0.9639 1.1661	0.9771	Ave		1.0165			0.0500	9.1		15.0			
2-Fluorophenol (Surr)	 1.4942	1.5006 1.4707	1.5168 1.5306	1.3347 1.5245	1.3232	Ave		1.4619			0.0500	5.8		15.0			
Phenol-d5 (Surr)	 2.1921	1.9830 2.1912	2.0276 2.3123	1.9309 2.3177	1.9976	Ave		2.1191			0.0500	7.2		15.0			
Nitrobenzene-d5 (Surr)	0.5751 0.6755	0.7161 0.7009	0.6565 0.7571	0.6373 0.7480	0.6402	Ave		0.6785			0.0500	8.6		15.0			
2-Fluorobiphenyl (Surr)	1.8953 1.4592	1.3894 1.6128	1.5091 1.6272	1.3530 1.6773	1.3423	Ave		1.5406			0.0500	12.0		15.0			
2,4,6-Tribromophenol (Surr)	 0.1338	0.0992 0.1354	0.1130 0.1361	0.0944 0.1421	0.1156	Ave		0.1212			0.0500	15.0		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-17317-1 Analy Batch No.: 68161

SDG No.:

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/11/2012 12:10 Calibration End Date: 12/11/2012 15:28 Calibration ID: 12751

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5		B	M1	M2								
Terphenyl-d14 (Surr)	0.7556 0.8042	0.7174 0.8494	0.8006 0.9015	0.7569 0.8821	0.7641	Ave		0.8035			0.0500	7.8		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-17317-1 Analy Batch No.: 68161

SDG No.:

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/11/2012 12:10 Calibration End Date: 12/11/2012 15:28 Calibration ID: 12751

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 240-68161/6	21211006.D
Level 2	STD2 240-68161/5	21211005.D
Level 3	STD3 240-68161/4	21211004.D
Level 4	STD4 240-68161/3	21211003.D
Level 5	STD5 240-68161/2	21211002.D
Level 6	STD6 240-68161/10	21211010.D
Level 7	STD7 240-68161/9	21211009.D
Level 8	STD8 240-68161/8	21211008.D
Level 9	STD9 240-68161/7	21211007.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
1,4-Dioxane	DCB	Qua	227163	+++++ 358672	30839 458315	46945 553424	97331	10.0	+++++ 15.0	1.00 20.0	2.00 25.0	5.00
N-Nitrosodimethylamine	DCB	Qua	311548	8001 520500	21097 657944	43719 816059	103403	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Pyridine	DCB	Ave	624491	30320 1014119	56684 1284276	98747 1551743	238456	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Ethyl methacrylate	DCB	Ave	544607	30622 910259	47792 1162287	98822 1415315	229690	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
3-Chloropropionitrile	DCB	Ave	240800	9776 435823	20189 580980	46645 708656	98723	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzaldehyde	DCB	Ave	8019 693486	34609 1048580	62939 1227831	128128 +++++	287885	0.100 10.0	0.500 15.0	1.00 20.0	2.00 +++++	5.00
Phenol	DCB	Ave	779057	39940 1272720	64072 1647157	131316 2000970	321017	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Aniline	DCB	Ave	949462	39983 1585428	84494 2049399	158313 2500743	391553	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Bis(2-chloroethyl)ether	DCB	Ave	715527	36040 1178628	60339 1539469	118913 1852534	286584	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2-Chlorophenol	DCB	Ave	458516	19963 715662	37973 928768	73354 1099195	186751	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
1,3-Dichlorobenzene	DCB	Ave	573733	27144 922931	50769 1184515	101900 1455448	246847	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzoic acid	NPT	Qua	572911	+++++ 933598	33528 1275826	77484 1524116	222347	20.0	+++++ 30.0	2.00 40.0	4.00 50.0	10.0
1,4-Dichlorobenzene	DCB	Ave	478483	26533 770872	42786 1000125	80173 1234992	194807	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzyl alcohol	DCB	Ave	343504	15908 559701	29372 706891	60392 859750	131980	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-17317-1 Analy Batch No.: 68161

SDG No.:

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/11/2012 12:10 Calibration End Date: 12/11/2012 15:28 Calibration ID: 12751

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
1,2-Dichlorobenzene	DCB	Ave	539349	26043 885079	49463 1143161	95317 1402338	228979	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2-Methylphenol	DCB	Ave	495251	20570 808049	42991 1048528	86943 1281539	203862	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
bis (2-chloroisopropyl) ether	DCB	Ave	703910	34511 1151306	61301 1509426	123880 1791925	277618	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
3 & 4 Methylphenol	DCB	Ave	515639	25633 873978	42548 1098673	91115 1376050	217268	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
N-Nitrosodi-n-propylamine	DCB	Ave	516851	24098 871860	45267 1122606	89533 1372397	206467	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Acetophenone	DCB	Ave	787588	37488 1293928	66035 1686346	133612 2033933	320034	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Hexachloroethane	DCB	Ave	243857	12307 399460	23112 507685	44656 623090	105474	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Nitrobenzene	NPT	Ave	949381	42550 1573850	81480 2051757	166211 2525637	371698	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Isophorone	NPT	Ave	1407115	58078 2336821	114416 3092269	229607 3830714	552243	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2-Nitrophenol	NPT	Ave	225658	10248 380548	17955 500802	38500 609008	97135	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2,4-Dimethylphenol	NPT	Ave	616141	25915 974254	51557 1261428	100226 1591349	247134	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
1,3,5-Trichlorobenzene	NPT	Ave	473055	24798 796270	45751 1015294	90924 1266563	222118	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Bis(2-chloroethoxy)methane	NPT	Ave	897333	46026 1510060	78774 1937224	147779 2373727	354212	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2,4-Dichlorophenol	NPT	Ave	358887	16148 567586	27783 738693	62954 913439	135278	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
1,2,4-Trichlorobenzene	NPT	Ave	481334	25214 792437	42809 1038989	85238 1257772	204756	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Naphthalene	NPT	Ave	13734 1315470	62287 2143944	112488 2835774	227010 3572537	544874	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
4-Chloroaniline	NPT	Ave	539109	23963 885540	50089 1163510	91432 1432034	216321	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Hexachlorobutadiene	NPT	Ave	266391	12668 424798	25226 546069	49012 680642	115348	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Caprolactam	NPT	Ave	146875	5702 221008	10563 291378	22100 340052	64854	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2,4-Dinitrophenol	ANT	Qua	311316	+++++ 495431	12302 660638	43331 830121	112584	20.0	+++++ 30.0	2.00 40.0	4.00 50.0	10.0
4-Chloro-3-methylphenol	NPT	Ave	513816	21888 845103	43136 1107932	92563 1379075	208210	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-17317-1 Analy Batch No.: 68161

SDG No.:

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/11/2012 12:10 Calibration End Date: 12/11/2012 15:28 Calibration ID: 12751

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
4-Nitrophenol	ANT	Ave	179979	+++++ 292330	14501 369994	29365 463773	76534	10.0	+++++ 15.0	1.00 20.0	2.00 25.0	5.00
2-Methylnaphthalene	NPT	Ave	9748 866460	40926 1429249	79860 1891905	150945 2335674	362796	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2,3,5,6-Tetrachlorophenol	ANT	Ave	227340	+++++ 387614	17811 504090	38744 622582	92614	10.0	+++++ 15.0	1.00 20.0	2.00 25.0	5.00
1-Methylnaphthalene	NPT	Ave	7837 825101	34655 1382806	70721 1801529	141026 2224798	352596	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
1,2,3,5-Tetrachlorobenzene	ANT	Ave	482625	23446 794289	41082 1026928	82795 1247828	192717	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Hexachlorocyclopentadiene	ANT	Ave	302126	14057 520515	23984 669022	46819 845307	128611	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
4,6-Dinitro-2-methylphenol	PHN	Qua	175834	+++++ 307648	7846 404618	23967 490522	70300	10.0	+++++ 15.0	1.00 20.0	2.00 25.0	5.00
2,4,6-Trichlorophenol	ANT	Ave	265589	11103 433672	21437 557997	49003 686078	114819	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2,4,5-Trichlorophenol	ANT	Ave	281598	12904 455842	22511 617878	45812 757302	121392	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2,4-Toluene diamine	NPT	Qua	256321	18793 384486	27766 464309	43820 580863	104456	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
1,1'-Biphenyl	ANT	Ave	9913 1078606	52401 1791869	95746 2362627	193605 2977344	434987	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2-Chloronaphthalene	ANT	Ave	8861 976740	49186 1632869	84244 2161164	170708 2664441	394941	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2-Nitroaniline	ANT	Ave	386671	17298 631536	32158 822804	59356 1016603	148548	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Dimethyl phthalate	ANT	Ave	944030	43777 1573880	81185 2077643	166626 2561759	385092	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2,6-Dinitrotoluene	ANT	Qua	251169	9247 426261	16380 547562	39807 682793	97487	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
1,2-Dinitrobenzene	ANT	Qua	123665	3297 208673	9345 267952	20360 325727	53534	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Acenaphthylene	ANT	Ave	13212 1393064	61233 2358982	114559 3135207	231307 3885833	566609	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
3-Nitroaniline	ANT	Ave	234753	8141 401871	18300 510169	35979 632739	92453	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Acenaphthene	ANT	Ave	11127 872629	36987 1433257	75926 1876230	150933 2346634	356623	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2,4-Dinitrotoluene	ANT	Ave	334055	12763 567878	24218 740818	53726 904735	151752	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Dibenzofuran	ANT	Ave	13281 1182151	51717 1969449	109591 2654718	200716 3318150	488986	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-17317-1 Analy Batch No.: 68161

SDG No.:

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/11/2012 12:10 Calibration End Date: 12/11/2012 15:28 Calibration ID: 12751

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
Diethyl phthalate	ANT	Ave	954130	42364 1570846	78871 2077865	168689 2634063	387925	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
4-Chlorophenyl phenyl ether	ANT	Ave	584162	28334 950329	50721 1234824	100991 1538113	237471	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
4-Nitroaniline	ANT	Qua	252007	8423 414924	18667 552531	40115 690574	105314	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Fluorene	ANT	Ave	10842 1006932	48120 1656872	88146 2178953	173519 2729508	413082	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
N-Nitrosodiphenylamine	PHN	Ave	715229	29892 1244234	60778 1591697	122786 2019156	298602	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
1,2-Diphenylhydrazine(as Azobenzene)	PHN	Ave	1774323	69710 3031687	141953 4049748	283592 5070656	689802	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Azobenzene	PHN	Ave	1774258	69710 3032612	141953 4049362	283271 5069760	689802	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
4-Bromophenyl phenyl ether	PHN	Ave	293263	13124 483496	27827 644995	53626 793160	120223	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Hexachlorobenzene	PHN	Ave	3607 288024	11868 475850	24818 605405	53877 751281	123307	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Atrazine	PHN	Ave	227203	9350 339774	19459 426532	37299 506527	99909	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzidine	CRY	Qua	678226	+++++ 1217581	45984 1606415	102835 1954118	282422	10.0	+++++ 15.0	1.00 20.0	2.00 25.0	5.00
Pentachlorophenol	PHN	Qua	377807	11982 624792	28068 814927	62084 1001762	157089	20.0	1.00 30.0	2.00 40.0	4.00 50.0	10.0
Phenanthrene	PHN	Ave	16520 1433288	67837 2407184	125048 3139152	252247 4108198	594066	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Anthracene	PHN	Ave	11352 1499368	58309 2580698	120020 3333456	243529 4272971	597422	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Carbazole	PHN	Ave	1347244	59370 2304421	115146 3033830	225140 3843842	532712	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Di-n-butyl phthalate	PHN	Ave	1677634	65052 2920706	131040 3904400	283586 4963359	683861	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
3,3'-Dimethoxybenzidine	CRY	Qua	341548	+++++ 610583	20791 843074	51490 1096628	148981	10.0	+++++ 15.0	1.00 20.0	2.00 25.0	5.00
Fluoranthene	PHN	Ave	14614 1582756	67613 2709684	133695 3606895	273581 4633268	650778	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Pyrene	CRY	Ave	15054 1691659	73156 2804155	138459 3775507	281155 4733383	682824	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Butyl benzyl phthalate	CRY	Ave	715901	27087 1208344	51917 1601617	119864 1996923	297147	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
4,4'-Methylene bis(2-chloroaniline)	CRY	Ave	296534	10063 487987	24350 643044	45735 782606	116303	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00

FORM VI
GC/MS SEMI VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-17317-1 Analy Batch No.: 68161

SDG No.:

Instrument ID: A4HP9 GC Column: RXI-5SILMS ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 12/11/2012 12:10 Calibration End Date: 12/11/2012 15:28 Calibration ID: 12751

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (NG/UL)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5	LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4 LVL 9	LVL 5
3,3'-Dichlorobenzidine	CRY	Ave	542020	19110 927359	40305 1221257	83858 1508804	221737	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Bis(2-ethylhexyl) phthalate	CRY	Ave	1056973	35288 1771277	78234 2304916	170009 2939989	430975	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzo[a]anthracene	CRY	Ave	14791 1524683	70032 2566611	134671 3344268	264820 4220814	600753	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Chrysene	CRY	Ave	14169 1404427	61788 2372161	122111 3115866	244544 3940410	550090	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Di-n-octyl phthalate	PRY	Qua	1666327	44647 2988206	119798 3970919	266898 5092779	715520	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzo[b]fluoranthene	PRY	Ave	11681 1324716	60249 2263119	113357 2899706	225736 3710480	553487	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzo[k]fluoranthene	PRY	Ave	10317 1373241	55277 2311238	113456 3072836	220147 3858998	532501	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzo[a]pyrene	PRY	Ave	8347 1236369	50271 2149554	97653 2792378	201880 3596128	507693	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Indeno[1,2,3-cd]pyrene	PRY	Ave	12797 1331518	55837 2229133	102960 2965877	215853 3788202	535564	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Dibenz(a,h)anthracene	PRY	Ave	10700 1093326	45334 1901201	91187 2477247	188049 3176199	454483	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Benzo[g,h,i]perylene	PRY	Ave	9341 1115126	45840 1876236	92408 2421768	184535 3133030	452642	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2-Fluorophenol (Surr)	DCB	Ave	472056	23155 764427	43653 978154	79463 1179046	190278	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Phenol-d5 (Surr)	DCB	Ave	692548	30599 1138866	58355 1477705	114959 1792514	287258	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Nitrobenzene-d5 (Surr)	NPT	Ave	7493 881073	45605 1480900	77136 1925197	151623 2353558	362320	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2-Fluorobiphenyl (Surr)	ANT	Ave	15007 1171298	54056 1980163	108590 2617805	194869 3221128	473805	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
2,4,6-Tribromophenol (Surr)	ANT	Ave	107406	3860 166287	8131 218875	13595 272957	40801	10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00
Terphenyl-d14 (Surr)	CRY	Ave	10246 1123571	46676 1892267	99259 2509758	191527 3102944	447225	0.100 10.0	0.500 15.0	1.00 20.0	2.00 25.0	5.00

Curve Type Legend:

Ave = Average ISTD
Qua = Quadratic ISTD

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211002.D		
Lims ID:	std5 tcl	Client ID:	
Inject. Date:	11-Dec-2012 12:10:30	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	5
Sample ID:	240-0015722-002		
Misc. Info.:	STD5 TCL =STD5 TCL		
Operator:	001574	Instrument ID:	A4HP9
Injection Vol:	1.0 ul	ALS Bottle#:	2
Lims Batch ID:	68161	Lims Sample ID:	2
Sublist:	chrom-8270 _9*sub13		
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\8270 _9.m		
Last Update:	12-Dec-2012 07:42:53	Calib Date:	11-Dec-2012 15:28:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK010		
First Level Reviewer: ulmanm		Date:	11-Dec-2012 12:51:01

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	6.098	6.098	0.0	94	115042	4.00	
* 2 Naphthalene-d8	136	7.209	7.209	0.0	99	452737	4.00	
* 3 Acenaphthene-d10	164	8.705	8.705	0.0	76	282376	4.00	
* 4 Phenanthrene-d10	188	9.971	9.971	0.0	78	467251	4.00	
* 5 Chrysene-d12	240	12.626	12.626	0.0	79	468259	4.00	
* 6 Perylene-d12	264	14.790	14.790	0.0	89	370615	4.00	
$ 7 2-Fluorophenol	112	4.880	4.880	0.0	89	190278	4.53	
$ 8 Phenol-d5	99	5.735	5.735	0.0	0	287258	4.71	
$ 9 Nitrobenzene-d5	82	6.579	6.579	0.0	82	362320	4.72	
$ 10 2-Fluorobiphenyl (Surr)	172	8.112	8.112	0.0	98	473805	4.36	
$ 11 2,4,6-Tribromophenol	330	9.373	9.373	0.0	69	40801	4.77	
$ 12 Terphenyl-d14	244	11.360	11.360	0.0	95	447225	4.75	
25 1,4-Dioxane	88	2.861	2.861	0.0	69	97331	4.69	M
26 N-Nitrosodimethylamine	74	3.336	3.336	0.0	85	103403	4.17	
27 Pyridine	79	3.390	3.390	0.0	73	238456	4.37	
28 Ethyl methacrylate	69	3.929	3.929	0.0	76	229690	4.56	
29 3-Chloropropionitrile	54	4.266	4.266	0.0	81	98723	4.41	
33 Malononitrile	66		4.673					
41 Benzaldehyde	77	5.714	5.714	0.0	86	287885	4.70	
43 Phenol	94	5.746	5.746	0.0	91	321017	4.62	
44 Aniline	93	5.799	5.799	0.0	95	391553	4.65	
69 Bis(2-chloroethyl)ether	93	5.853	5.853	0.0	97	286584	4.49	
46 2-Chlorophenol	128	5.906	5.906	0.0	90	186751	4.79	
47 1,3-Dichlorobenzene	146	6.050	6.050	0.0	82	246847	4.81	
48 1,4-Dichlorobenzene	146	6.114	6.114	0.0	77	194807	4.49	
49 Benzyl alcohol	108	6.200	6.200	0.0	84	131980	4.39	
50 1,2-Dichlorobenzene	146	6.253	6.253	0.0	82	228979	4.68	
51 2-Methylphenol	108	6.285	6.285	0.0	94	203862	4.68	
53 2,2'-oxybis[1-chloropropane]	45	6.323	6.323	0.0	96	277618	4.41	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
21 3 & 4 Methylphenol	108	6.413	6.413	0.0	82	217268	4.65	
57 N-Nitrosodi-n-propylamine	70	6.429	6.429	0.0	69	206467	4.45	
58 Acetophenone	105	6.440	6.440	0.0	88	320034	4.58	
61 Hexachloroethane	117	6.552	6.552	0.0	90	105474	4.71	
62 Nitrobenzene	77	6.595	6.595	0.0	72	371698	4.53	
64 Isophorone	82	6.793	6.793	0.0	95	552243	4.62	
66 2-Nitrophenol	139	6.868	6.868	0.0	85	97135	4.94	
67 1,3,5-Trichlorobenzene	180	6.878	6.878	0.0	81	222118	5.07	
65 2,4-Dimethylphenol	107	6.878	6.878	0.0	97	247134	4.80	
71 Benzoic acid	122	6.916	6.916	0.0	67	222347	9.75	M
70 Bis(2-chloroethoxy)methane	93	6.964	6.964	0.0	98	354212	4.50	
73 2,4-Dichlorophenol	162	7.071	7.071	0.0	91	135278	4.51	
74 1,2,4-Trichlorobenzene	180	7.151	7.151	0.0	79	204756	4.77	
75 Naphthalene	128	7.225	7.225	0.0	97	544874	4.72	
76 4-Chloroaniline	127	7.252	7.252	0.0	79	216321	4.61	
79 Hexachlorobutadiene	225	7.322	7.322	0.0	89	115348	4.91	
80 1,2,3-Trichlorobenzene	180	7.343	7.343	0.0	80	187155	0	
84 Caprolactam	113	7.530	7.530	0.0	77	64854	5.54	
86 4-Chloro-3-methylphenol	107	7.637	7.637	0.0	81	208210	4.69	
87 2-Methylnaphthalene	142	7.813	7.813	0.0	85	362796	4.67	
88 1-Methylnaphthalene	142	7.899	7.899	0.0	83	352596	4.95	
89 Hexachlorocyclopentadiene	237	7.941	7.941	0.0	70	128611	4.79	
90 1,2,3,5-Tetrachlorobenzene	216	7.941	7.941	0.0	82	192717	4.52	
92 2,4,6-Trichlorophenol	196	8.037	8.037	0.0	84	114819	4.93	
93 2,4,5-Trichlorophenol	196	8.070	8.070	0.0	88	121392	4.90	
97 2,4-Toluene diamine	121	8.182	8.182	0.0	96	104456	4.83	
99 1,2,3,4 -Tetrachlorobenzene	216	8.198	8.198	0.0	86	196115	0	
98 1,1'-Biphenyl	154	8.203	8.203	0.0	97	434987	4.50	
100 2-Chloronaphthalene	162	8.230	8.230	0.0	98	394941	4.52	
102 2-Nitroaniline	65	8.299	8.299	0.0	65	148548	4.48	
105 Dimethyl phthalate	163	8.438	8.438	0.0	94	385092	4.55	
107 2,6-Dinitrotoluene	165	8.497	8.497	0.0	77	97487	4.62	
108 1,2-Dinitrobenzene	168	8.545	8.545	0.0	79	53534	4.92	
109 Acenaphthylene	152	8.588	8.588	0.0	86	566609	4.61	
110 3-Nitroaniline	138	8.646	8.646	0.0	84	92453	4.67	
112 Acenaphthene	153	8.732	8.732	0.0	85	356623	4.50	
111 2,4-Dinitrophenol	184	8.732	8.732	0.0	69	112584	9.33	
113 4-Nitrophenol	109	8.748	8.748	0.0	87	76534	4.88	
114 2,4-Dinitrotoluene	165	8.839	8.839	0.0	77	151752	5.25	
116 Dibenzofuran	168	8.876	8.876	0.0	85	488986	4.53	
118 2,3,5,6-Tetrachlorophenol	232	8.935	8.935	0.0	82	92614	4.56	
121 Diethyl phthalate	149	9.031	9.031	0.0	95	387925	4.59	
123 4-Chlorophenyl phenyl ether	204	9.154	9.154	0.0	90	237471	4.58	
125 4-Nitroaniline	138	9.165	9.165	0.0	75	105314	4.96	
126 Fluorene	166	9.170	9.170	0.0	66	413082	4.55	
128 4,6-Dinitro-2-methylphenol	198	9.186	9.186	0.0	41	70300	4.93	
131 N-Nitrosodiphenylamine	169	9.245	9.245	0.0	98	298602	4.82	
132 1,2-Diphenylhydrazine	77	9.288	9.288	0.0	100	689802	4.61	
133 Azobenzene	77	9.288	9.288	0.0	94	689802	4.61	
139 4-Bromophenyl phenyl ether	248	9.571	9.571	0.0	67	120223	4.68	
141 Hexachlorobenzene	284	9.640	9.640	0.0	84	123307	4.86	
142 Atrazine	200	9.677	9.677	0.0	82	99909	5.46	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
143 Pentachlorophenol	266	9.795	9.795	0.0	80	157089	10.0	
148 Phenanthrene	178	9.993	9.993	0.0	81	594066	4.65	
149 Anthracene	178	10.035	10.035	0.0	82	597422	4.85	
151 Carbazole	167	10.158	10.158	0.0	83	532712	4.57	
154 Di-n-butyl phthalate	149	10.409	10.409	0.0	100	683861	4.74	
159 Fluoranthene	202	11.018	11.018	0.0	83	650778	4.76	
160 Benzidine	184	11.115	11.115	0.0	86	282422	4.96	
161 Pyrene	202	11.243	11.243	0.0	77	682824	4.86	
168 Butyl benzyl phthalate	149	11.857	11.857	0.0	87	297147	5.06	
172 3,3'-Dimethoxybenzidine	244	12.498	12.498	0.0	84	148981	5.39	
175 3,3'-Dichlorobenzidine	252	12.546	12.546	0.0	72	221737	5.05	
174 4,4'-Methylene bis(2-chloroanili	231	12.546	12.546	0.0	73	116303	4.92	
173 Bis(2-ethylhexyl) phthalate	149	12.568	12.568	0.0	95	430975	5.08	
177 Benzo[a]anthracene	228	12.610	12.610	0.0	84	600753	4.63	
178 Chrysene	228	12.658	12.658	0.0	81	550090	4.60	
180 Di-n-octyl phthalate	149	13.518	13.518	0.0	98	715520	5.15	
182 Benzo[b]fluoranthene	252	14.181	14.181	0.0	85	553487	4.81	
183 Benzo[k]fluoranthene	252	14.229	14.229	0.0	88	532501	4.67	
184 Benzo[a]pyrene	252	14.704	14.704	0.0	78	507693	4.92	
188 Indeno[1,2,3-cd]pyrene	276	16.542	16.542	0.0	80	535564	4.71	
189 Dibenz(a,h)anthracene	278	16.574	16.574	0.0	52	454483	4.74	
190 Benzo[g,h,i]perylene	276	17.034	17.034	0.0	79	452642	4.81	
S 191 Methyl Phenols,Total	100				0		9.33	

QC Flag Legend

Review Flags
M - Manually Integrated

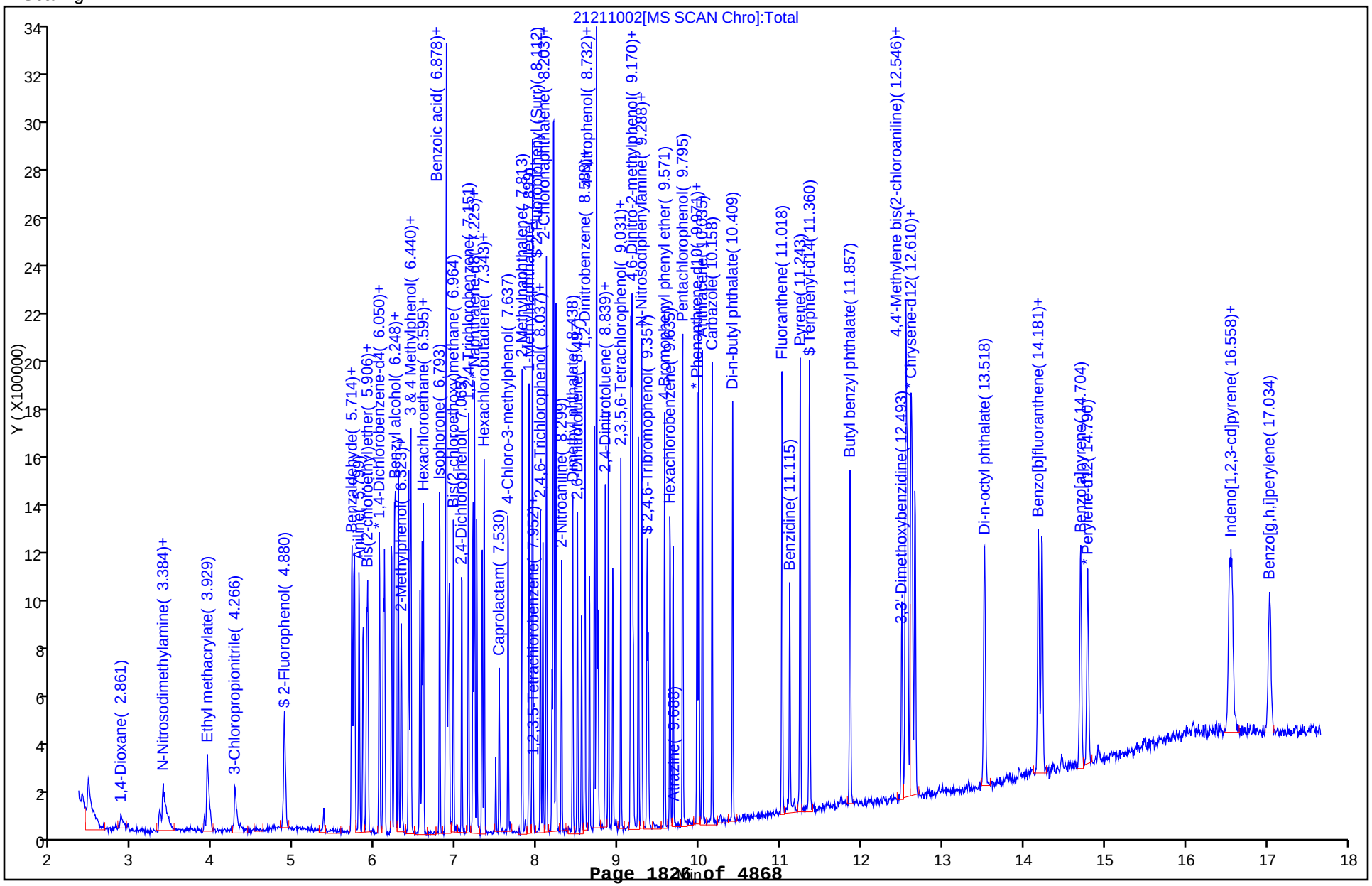
Report Date: 12-Dec-2012 07:42:54 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211002.D

Injection Date:	11-Dec-2012 12:10:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68161	Lims Sample ID:	2
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



Manual Integration/User Assign Peak Report

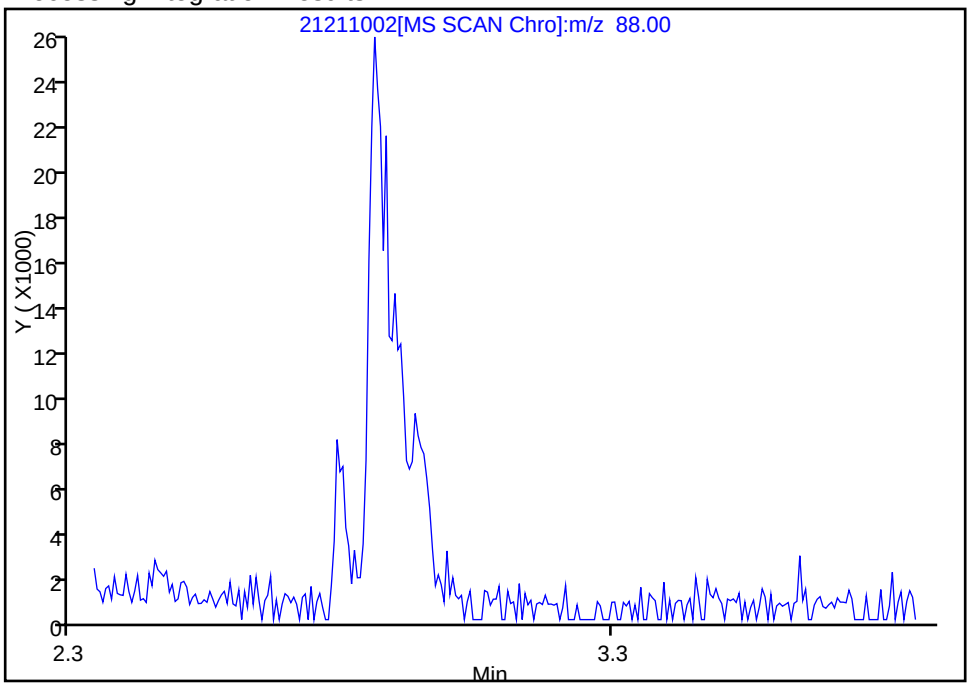
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211002.D		
Injection Date:	11-Dec-2012 12:10:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68161	Lims Sample ID:	2
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

25 1,4-Dioxane, Signal: 1, m/z: 88.0 Type: quant, RT: 2.86

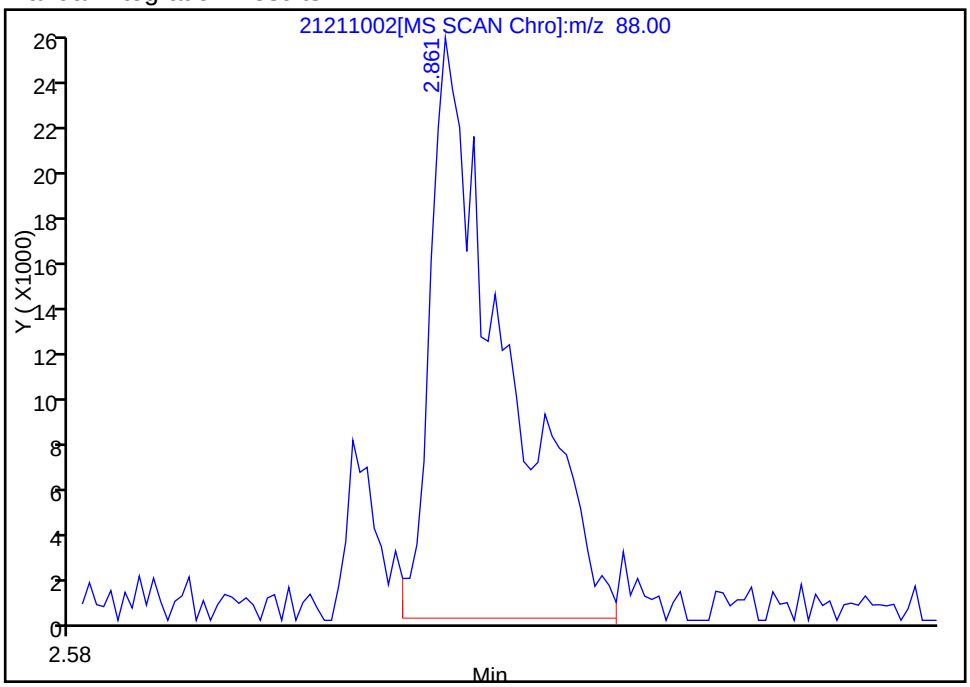
Not Detected
Expected RT: 2.86

Processing Integration Results



Manual Integration Results

RT: 2.86
Response: 97331
Amount: 4.691136



Reviewer: ulmanm, 11-Dec-2012 12:51:01
Audit Action: Manually Integrated
Audit Reason: Tailing or Fronting

Report Date: 12-Dec-2012 07:42:54 Chrom Revision: 2.0 27-Nov-2012 13:14:12

Manual Integration/User Assign Peak Report

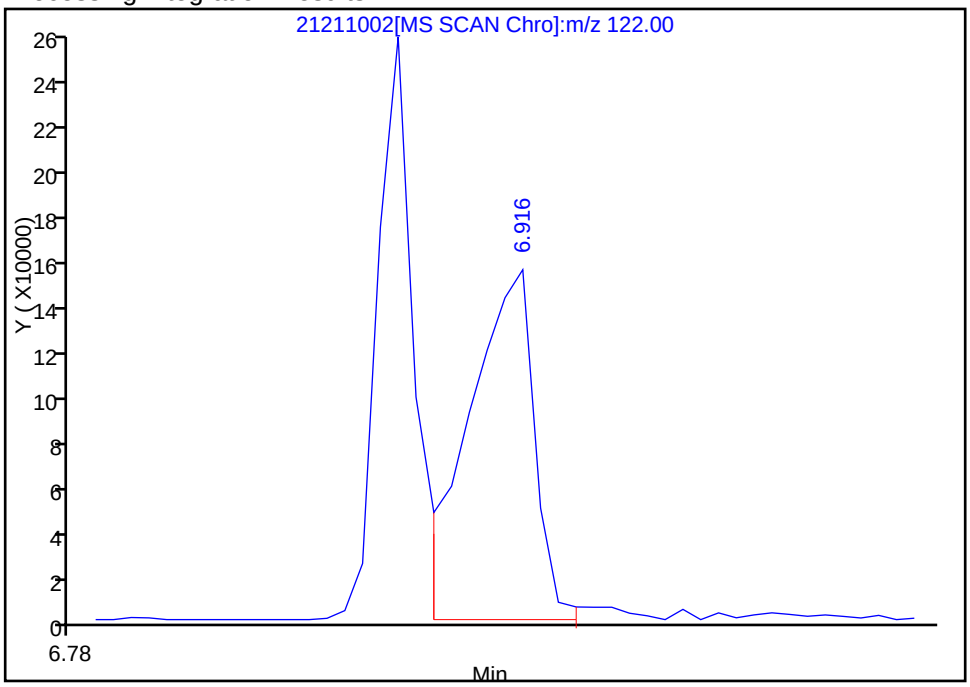
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211002.D		
Injection Date:	11-Dec-2012 12:10:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68161	Lims Sample ID:	2
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

71 Benzoic acid, Signal: 1, m/z: 122.0 Type: quant, RT: 6.92

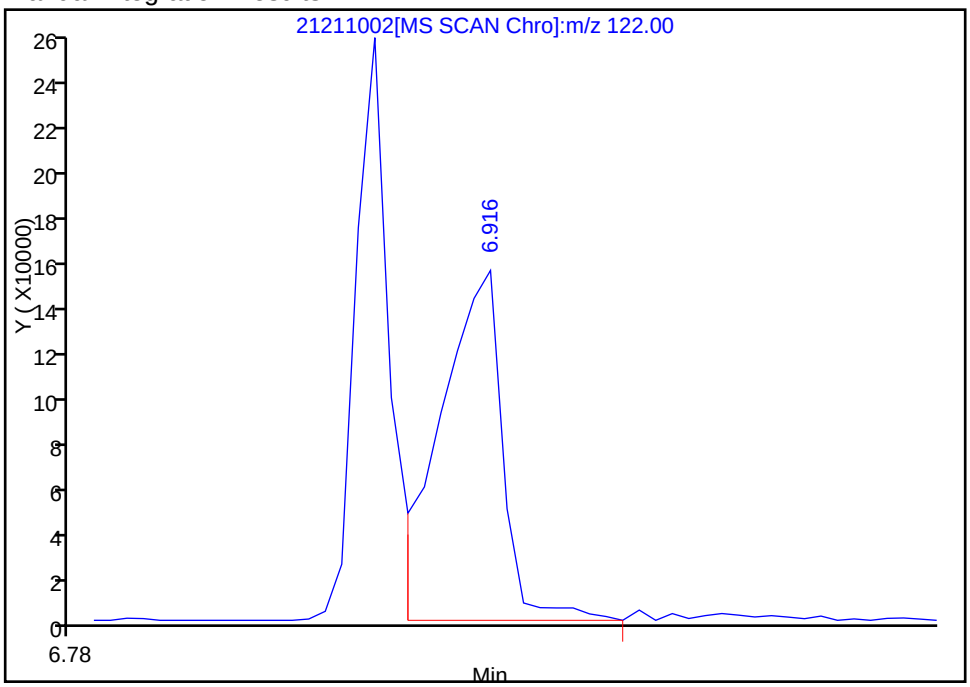
Processing Integration Results

RT: 6.92
Response: 217445
Amount: 10.000000



Manual Integration Results

RT: 6.92
Response: 222347
Amount: 9.750471



Reviewer: ulmanm, 11-Dec-2012 12:51:01
Audit Action: Manually Integrated
Audit Reason: Tailing or Fronting

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211003.D		
Lims ID:	std4 tcl	Client ID:	
Inject. Date:	11-Dec-2012 12:35:30	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	4
Sample ID:	240-0015722-003		
Misc. Info.:	STD4 TCL =STD4 TCL		
Operator:	001574	Instrument ID:	A4HP9
Injection Vol:	1.0 ul	ALS Bottle#:	3
Lims Batch ID:	68161	Lims Sample ID:	3
Sublist:	chrom-8270 _9*sub13		
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\8270 _9.m		
Last Update:	12-Dec-2012 07:42:55	Calib Date:	11-Dec-2012 15:28:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK010		
First Level Reviewer: ulmanm		Date:	11-Dec-2012 13:13:20

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	6.104	6.098	0.006	85	119071	4.00	
* 2 Naphthalene-d8	136	7.210	7.209	0.001	98	475796	4.00	
* 3 Acenaphthene-d10	164	8.705	8.705	0.0	67	288060	4.00	
* 4 Phenanthrene-d10	188	9.971	9.971	0.0	77	485073	4.00	
* 5 Chrysene-d12	240	12.621	12.626	-0.005	76	506068	4.00	
* 6 Perylene-d12	264	14.790	14.790	0.0	77	382910	4.00	
$ 7 2-Fluorophenol	112	4.886	4.880	0.006	83	79463	1.83	
$ 8 Phenol-d5	99	5.735	5.735	0.0	0	114959	1.82	
$ 9 Nitrobenzene-d5	82	6.579	6.579	0.0	83	151623	1.88	
$ 10 2-Fluorobiphenyl (Surr)	172	8.112	8.112	0.0	97	194869	1.76	
$ 11 2,4,6-Tribromophenol	330	9.373	9.373	0.0	60	13595	1.56	
$ 12 Terphenyl-d14	244	11.355	11.360	-0.005	92	191527	1.88	
25 1,4-Dioxane	88	2.877	2.861	0.016	81	46945	1.96	
26 N-Nitrosodimethylamine	74	3.347	3.336	0.011	75	43719	1.99	M
27 Pyridine	79	3.395	3.390	0.005	89	98747	1.75	
28 Ethyl methacrylate	69	3.929	3.929	0.0	71	98822	1.89	
29 3-Chloropropionitrile	54	4.271	4.266	0.005	75	46645	2.01	M
33 Malononitrile	66		4.673					
41 Benzaldehyde	77	5.714	5.714	0.0	87	128128	2.02	
43 Phenol	94	5.746	5.746	0.0	91	131316	1.83	
44 Aniline	93	5.799	5.799	0.0	92	158313	1.82	
69 Bis(2-chloroethyl)ether	93	5.853	5.853	0.0	92	118913	1.80	
46 2-Chlorophenol	128	5.906	5.906	0.0	83	73354	1.82	
47 1,3-Dichlorobenzene	146	6.050	6.050	0.0	81	101900	1.92	
48 1,4-Dichlorobenzene	146	6.114	6.114	0.0	64	80173	1.79	
49 Benzyl alcohol	108	6.205	6.200	0.005	83	60392	1.94	
50 1,2-Dichlorobenzene	146	6.253	6.253	0.0	83	95317	1.88	
51 2-Methylphenol	108	6.285	6.285	0.0	91	86943	1.93	
53 2,2'-oxybis[1-chloropropane]	45	6.323	6.323	0.0	95	123880	1.90	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
21 3 & 4 Methylphenol	108	6.414	6.413	0.001	89	91115	1.88	
57 N-Nitrosodi-n-propylamine	70	6.430	6.429	0.001	66	89533	1.86	
58 Acetophenone	105	6.440	6.440	0.0	89	133612	1.85	
61 Hexachloroethane	117	6.552	6.552	0.0	91	44656	1.93	
62 Nitrobenzene	77	6.595	6.595	0.0	75	166211	1.93	
64 Isophorone	82	6.793	6.793	0.0	94	229607	1.83	
66 2-Nitrophenol	139	6.868	6.868	0.0	81	38500	1.86	
67 1,3,5-Trichlorobenzene	180	6.878	6.878	0.0	73	90924	1.98	
65 2,4-Dimethylphenol	107	6.878	6.878	0.0	95	100226	1.85	
71 Benzoic acid	122	6.900	6.916	-0.016	80	77484	3.98	M
70 Bis(2-chloroethoxy)methane	93	6.964	6.964	0.0	97	147779	1.79	
73 2,4-Dichlorophenol	162	7.071	7.071	0.0	89	62954	2.00	
74 1,2,4-Trichlorobenzene	180	7.151	7.151	0.0	83	85238	1.89	
75 Naphthalene	128	7.226	7.225	0.001	96	227010	1.87	
76 4-Chloroaniline	127	7.252	7.252	0.0	78	91432	1.86	
79 Hexachlorobutadiene	225	7.322	7.322	0.0	80	49012	1.99	
80 1,2,3-Trichlorobenzene	180	7.348	7.343	0.005	82	79658	0	
84 Caprolactam	113	7.530	7.530	0.0	72	22100	1.80	
86 4-Chloro-3-methylphenol	107	7.637	7.637	0.0	78	92563	1.99	
87 2-Methylnaphthalene	142	7.813	7.813	0.0	86	150945	1.85	
88 1-Methylnaphthalene	142	7.899	7.899	0.0	79	141026	1.88	
89 Hexachlorocyclopentadiene	237	7.941	7.941	0.0	71	46819	1.71	
90 1,2,3,5-Tetrachlorobenzene	216	7.941	7.941	0.0	80	82795	1.90	
92 2,4,6-Trichlorophenol	196	8.038	8.037	0.001	84	49003	2.06	
93 2,4,5-Trichlorophenol	196	8.070	8.070	0.0	88	45812	1.81	
97 2,4-Toluene diamine	121	8.182	8.182	0.0	97	43820	1.79	
99 1,2,3,4 -Tetrachlorobenzene	216	8.198	8.198	0.0	80	84650	0	
98 1,1'-Biphenyl	154	8.203	8.203	0.0	92	193605	1.96	
100 2-Chloronaphthalene	162	8.230	8.230	0.0	96	170708	1.92	
102 2-Nitroaniline	65	8.299	8.299	0.0	62	59356	1.75	
105 Dimethyl phthalate	163	8.438	8.438	0.0	94	166626	1.93	
107 2,6-Dinitrotoluene	165	8.492	8.497	-0.005	75	39807	2.06	
108 1,2-Dinitrobenzene	168	8.545	8.545	0.0	79	20360	2.02	
109 Acenaphthylene	152	8.588	8.588	0.0	93	231307	1.84	
110 3-Nitroaniline	138	8.641	8.646	-0.005	83	35979	1.78	
112 Acenaphthene	153	8.732	8.732	0.0	90	150933	1.87	
111 2,4-Dinitrophenol	184	8.727	8.732	-0.005	58	43331	4.28	
113 4-Nitrophenol	109	8.748	8.748	0.0	78	29365	1.83	
114 2,4-Dinitrotoluene	165	8.839	8.839	0.0	70	53726	1.82	
116 Dibenzofuran	168	8.876	8.876	0.0	81	200716	1.82	
118 2,3,5,6-Tetrachlorophenol	232	8.930	8.935	-0.005	71	38744	1.87	
121 Diethyl phthalate	149	9.026	9.031	-0.005	93	168689	1.95	
123 4-Chlorophenyl phenyl ether	204	9.149	9.154	-0.005	93	100991	1.91	
125 4-Nitroaniline	138	9.159	9.165	-0.006	79	40115	2.00	
126 Fluorene	166	9.170	9.170	0.0	75	173519	1.87	
128 4,6-Dinitro-2-methylphenol	198	9.186	9.186	0.0	58	23967	2.10	
131 N-Nitrosodiphenylamine	169	9.245	9.245	0.0	94	122786	1.91	
132 1,2-Diphenylhydrazine	77	9.288	9.288	0.0	99	283592	1.83	
133 Azobenzene	77	9.288	9.288	0.0	94	283271	1.82	
139 4-Bromophenyl phenyl ether	248	9.571	9.571	0.0	65	53626	2.01	
141 Hexachlorobenzene	284	9.635	9.640	-0.005	76	53877	2.05	
142 Atrazine	200	9.672	9.677	-0.005	74	37299	1.96	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
143 Pentachlorophenol	266	9.795	9.795	0.0	81	62084	4.11	
148 Phenanthrene	178	9.993	9.993	0.0	83	252247	1.90	
149 Anthracene	178	10.035	10.035	0.0	83	243529	1.90	
151 Carbazole	167	10.158	10.158	0.0	80	225140	1.86	
154 Di-n-butyl phthalate	149	10.409	10.409	0.0	99	283586	1.89	
159 Fluoranthene	202	11.018	11.018	0.0	78	273581	1.93	
160 Benzidine	184	11.115	11.115	0.0	82	102835	2.03	M
161 Pyrene	202	11.243	11.243	0.0	94	281155	1.85	
168 Butyl benzyl phthalate	149	11.857	11.857	0.0	86	119864	1.89	
172 3,3'-Dimethoxybenzidine	244	12.498	12.498	0.0	70	51490	1.96	M
175 3,3'-Dichlorobenzidine	252	12.546	12.546	0.0	67	83858	1.77	
174 4,4'-Methylene bis(2-chloroanili	231	12.546	12.546	0.0	68	45735	1.79	
173 Bis(2-ethylhexyl) phthalate	149	12.562	12.568	-0.006	90	170009	1.85	
177 Benzo[a]anthracene	228	12.610	12.610	0.0	84	264820	1.89	
178 Chrysene	228	12.658	12.658	0.0	78	244544	1.89	
180 Di-n-octyl phthalate	149	13.519	13.518	0.001	96	266898	2.03	
182 Benzo[b]fluoranthene	252	14.181	14.181	0.0	79	225736	1.90	
183 Benzo[k]fluoranthene	252	14.224	14.229	-0.005	83	220147	1.87	
184 Benzo[a]pyrene	252	14.699	14.704	-0.005	74	201880	1.89	
188 Indeno[1,2,3-cd]pyrene	276	16.537	16.542	-0.005	86	215853	1.84	
189 Dibenz(a,h)anthracene	278	16.574	16.574	0.0	71	188049	1.90	
190 Benzo[g,h,i]perylene	276	17.034	17.034	0.0	80	184535	1.90	
S 191 Methyl Phenols,Total	100				0		3.81	

QC Flag Legend

Review Flags
M - Manually Integrated

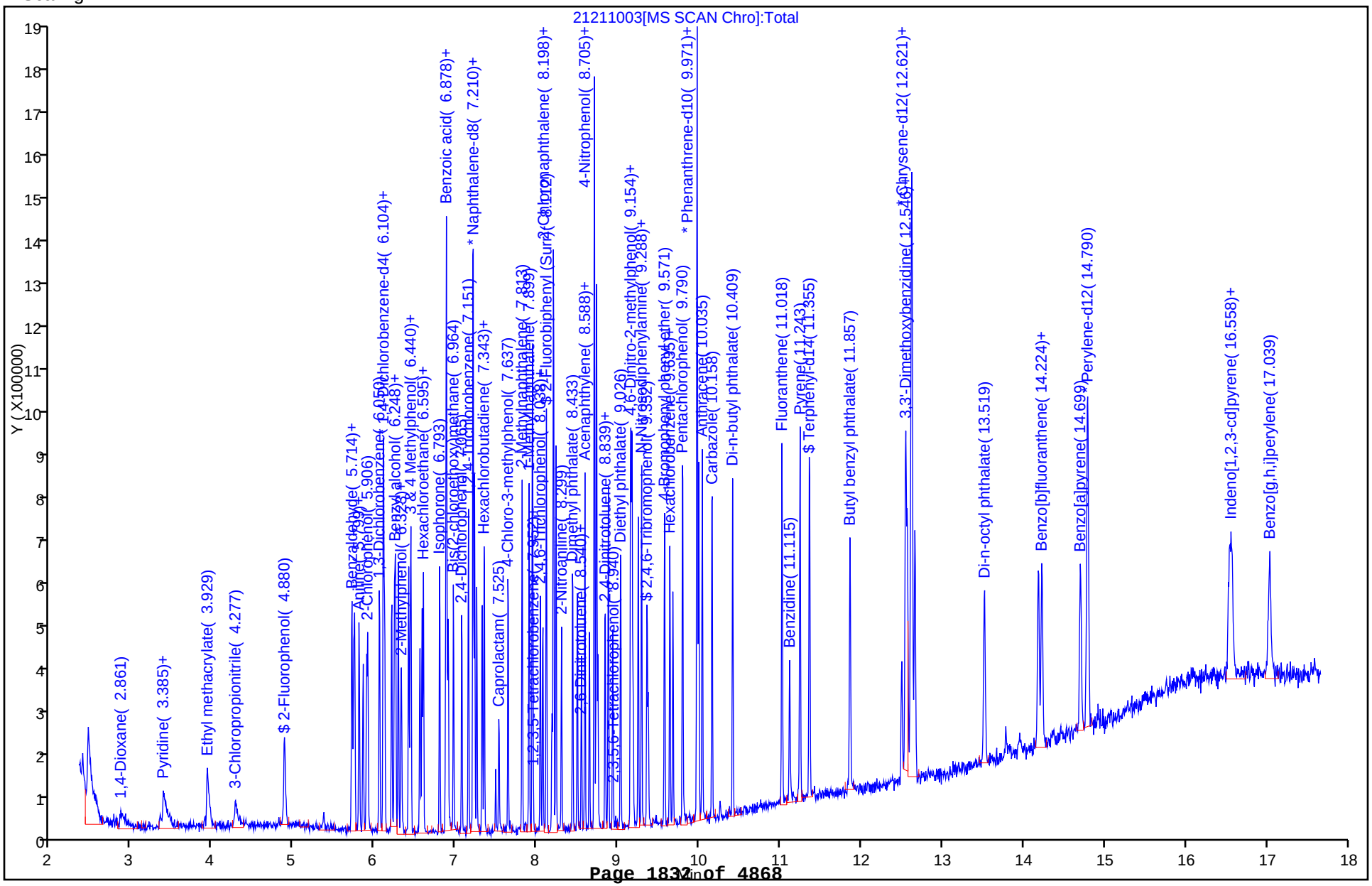
Report Date: 12-Dec-2012 07:42:56 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211003.D

Injection Date:	11-Dec-2012 12:35:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68161	Lims Sample ID:	3
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



Manual Integration/User Assign Peak Report

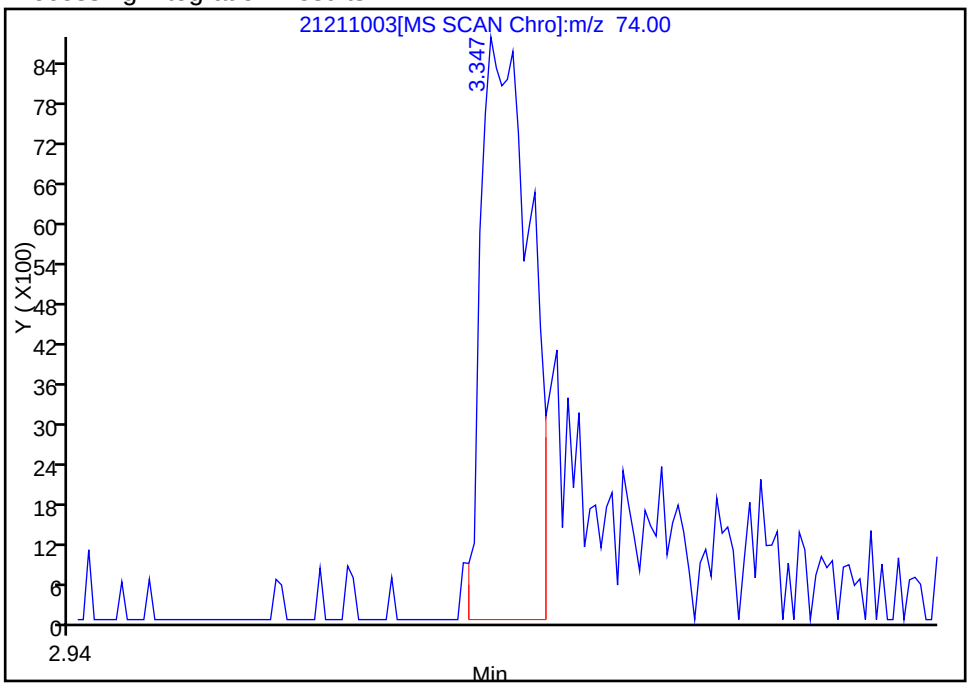
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211003.D		
Injection Date:	11-Dec-2012 12:35:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68161	Lims Sample ID:	3
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

26 N-Nitrosodimethylamine, Signal: 1, m/z: 74.0 Type: quant, RT: 3.34

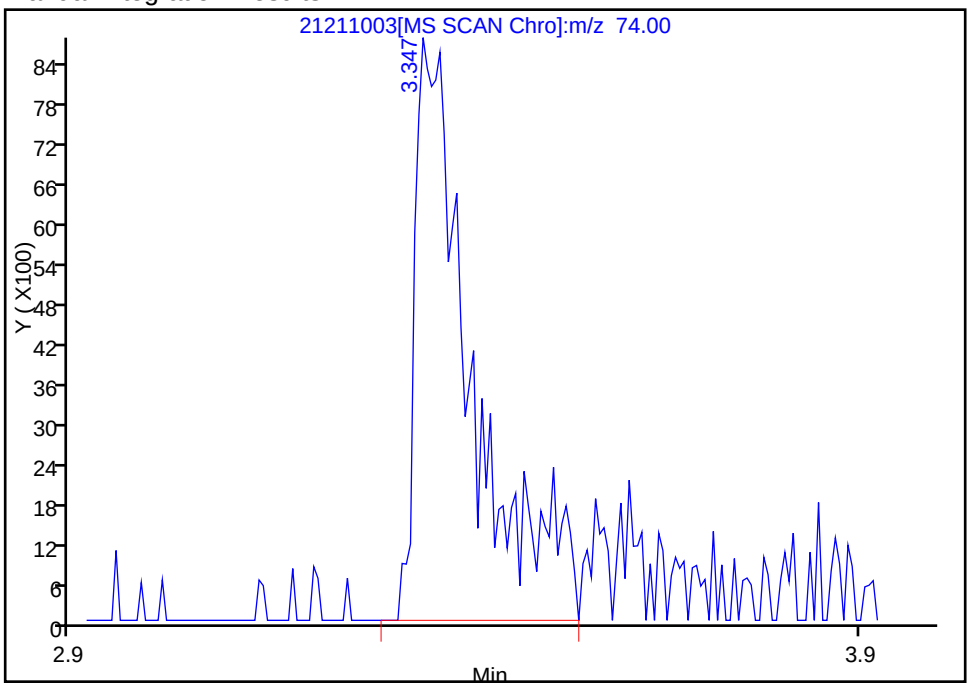
Processing Integration Results

RT: 3.35
Response: 28748
Amount: 1.606982



Manual Integration Results

RT: 3.35
Response: 43719
Amount: 1.986507



Reviewer: ulmanm, 11-Dec-2012 13:13:20
Audit Action: Manually Integrated
Audit Reason: Wrong Isomer

Manual Integration/User Assign Peak Report

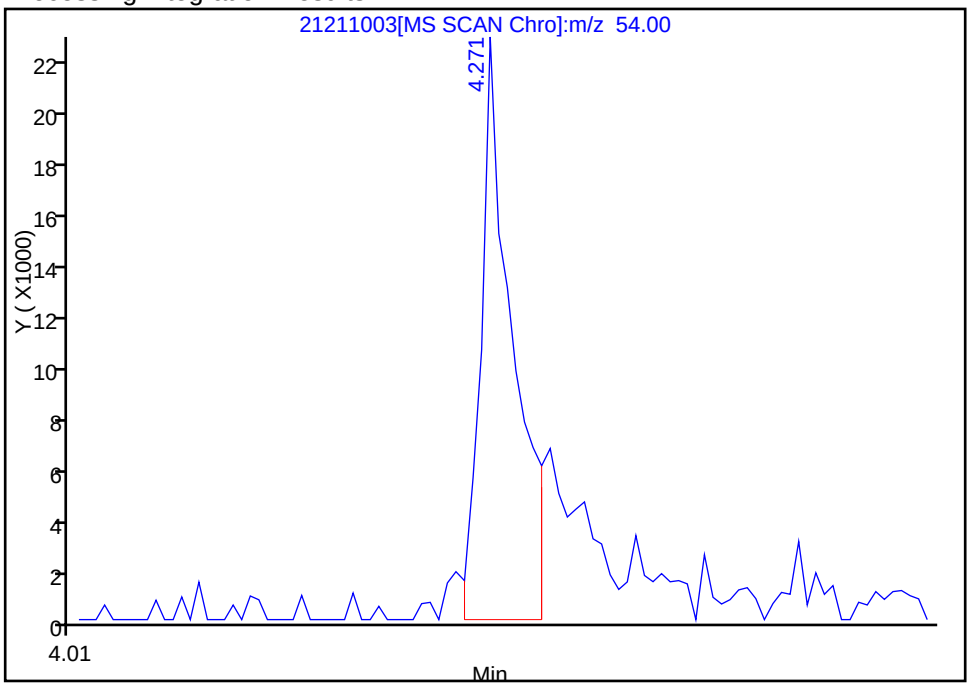
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211003.D		
Injection Date:	11-Dec-2012 12:35:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68161	Lims Sample ID:	3
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

29 3-Chloropropionitrile, Signal: 1, m/z: 54.0 Type: quant, RT: 4.27

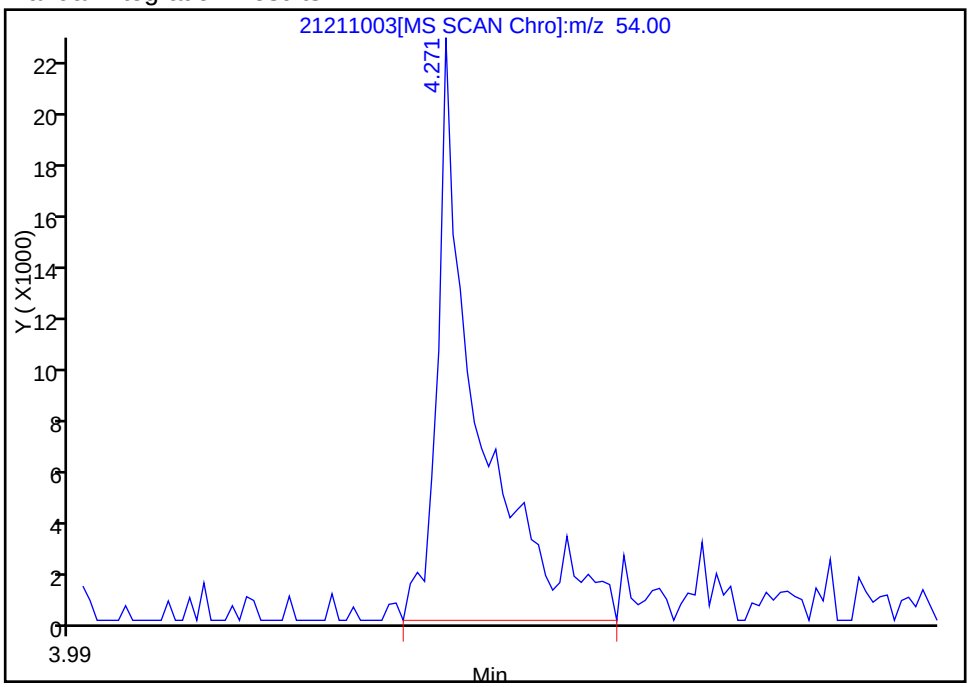
Processing Integration Results

RT: 4.27
Response: 30742
Amount: 1.717090



Manual Integration Results

RT: 4.27
Response: 46645
Amount: 2.011777



Reviewer: ulmanm, 11-Dec-2012 13:13:20
Audit Action: Manually Integrated
Audit Reason: Tailing or Fronting

Manual Integration/User Assign Peak Report

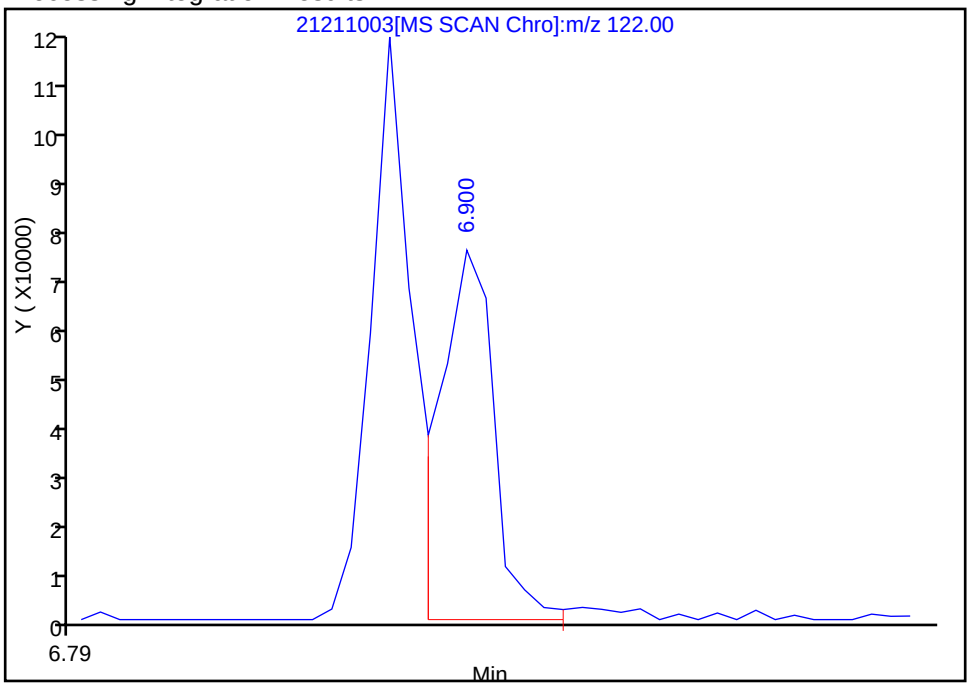
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211003.D		
Injection Date:	11-Dec-2012 12:35:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68161	Lims Sample ID:	3
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

71 Benzoic acid, Signal: 1, m/z: 122.0 Type: quant, RT: 6.92

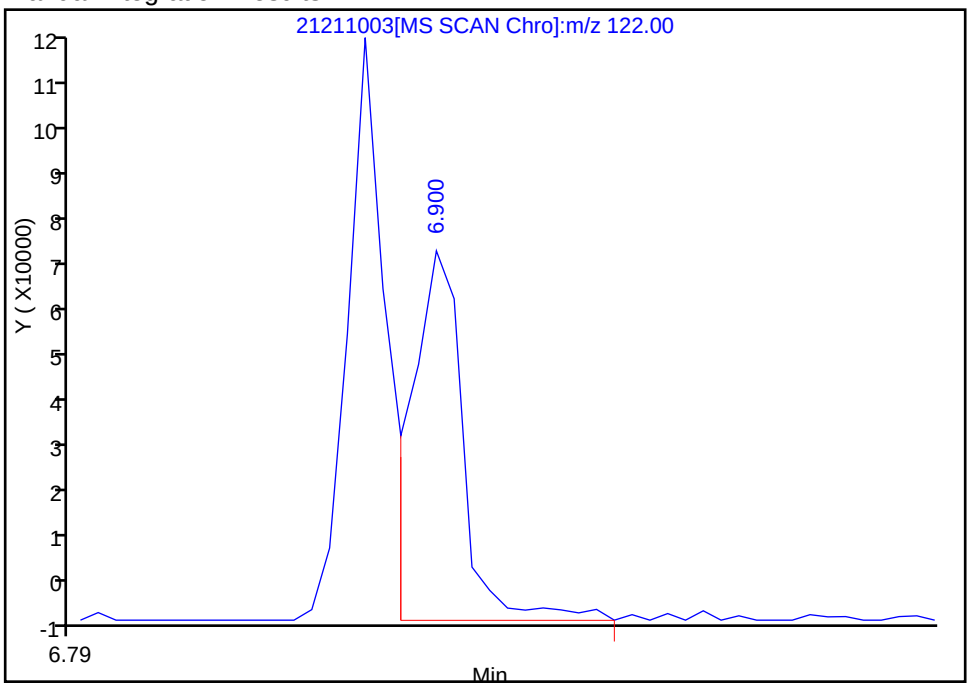
Processing Integration Results

RT: 6.90
Response: 74884
Amount: 3.558435



Manual Integration Results

RT: 6.90
Response: 77484
Amount: 3.984429



Reviewer: ulmanm, 11-Dec-2012 13:13:20
Audit Action: Manually Integrated
Audit Reason: Tailing or Fronting

Manual Integration/User Assign Peak Report

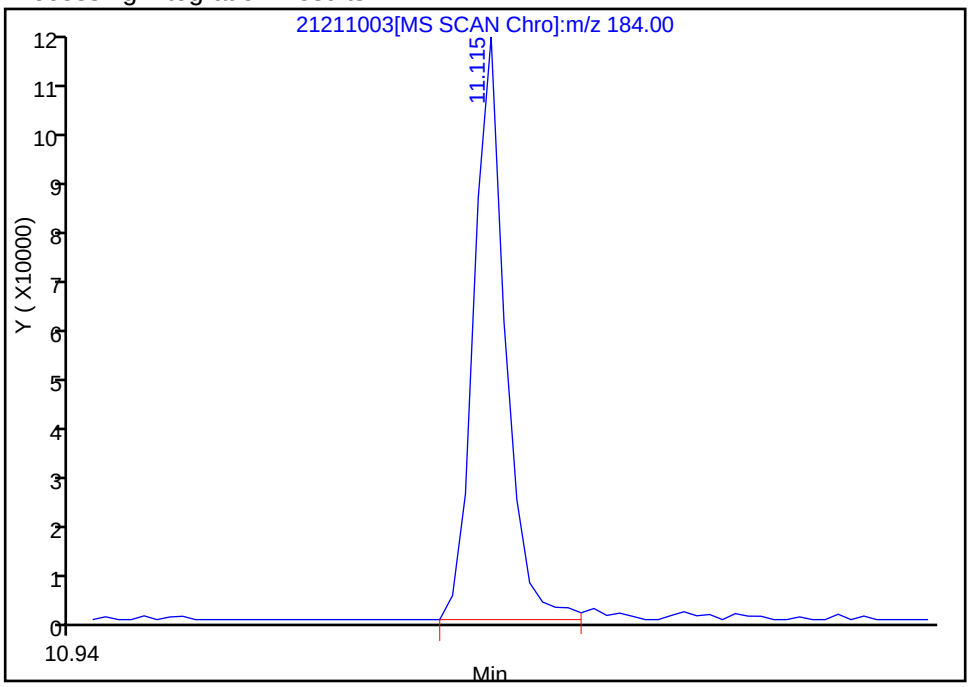
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211003.D		
Injection Date:	11-Dec-2012 12:35:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68161	Lims Sample ID:	3
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

160 Benzidine, Signal: 1, m/z: 184.0 Type: quant, RT: 11.11

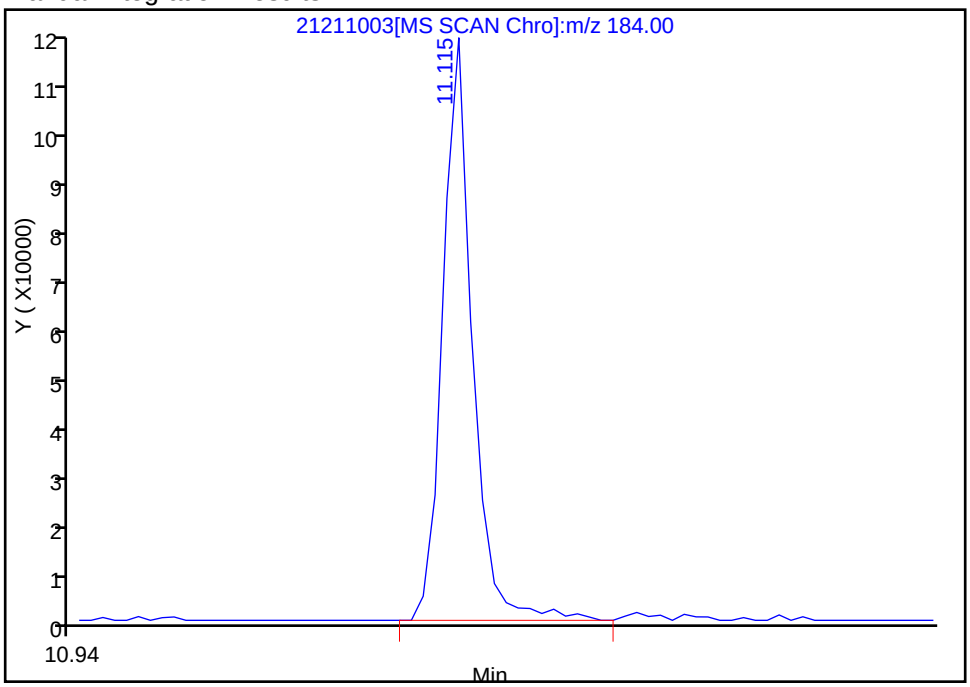
Processing Integration Results

RT: 11.11
Response: 101299
Amount: 1.813856



Manual Integration Results

RT: 11.11
Response: 102835
Amount: 2.033633



Reviewer: ulmanm, 11-Dec-2012 13:13:20
Audit Action: Manually Integrated
Audit Reason: Tailing or Fronting

Manual Integration/User Assign Peak Report

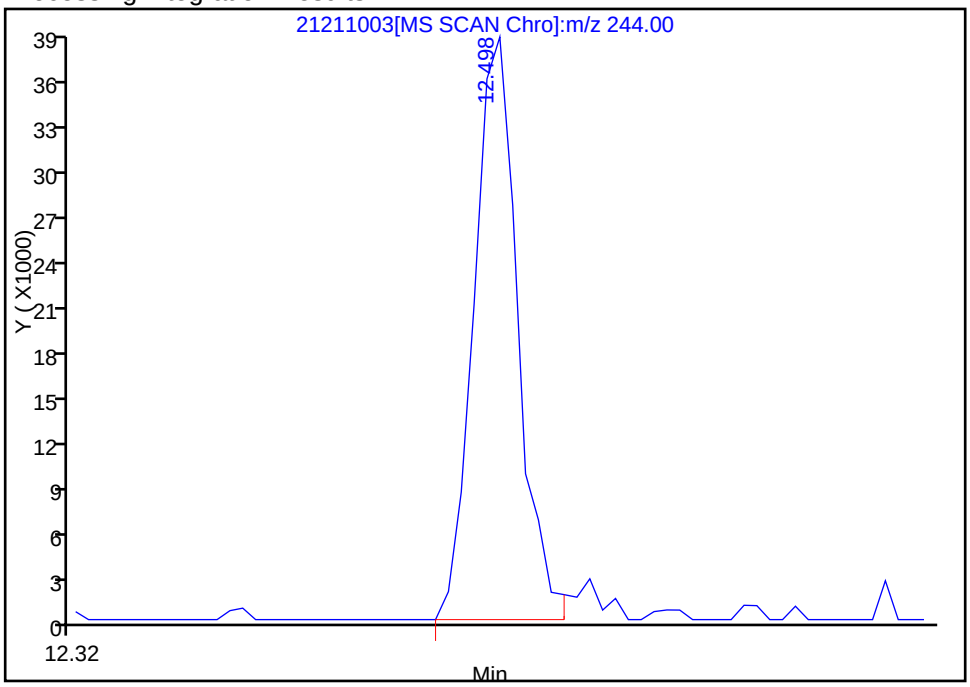
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211003.D		
Injection Date:	11-Dec-2012 12:35:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68161	Lims Sample ID:	3
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

172 3,3'-Dimethoxybenzidine, Signal: 1, m/z: 244.0 Type: quant, RT: 12.50

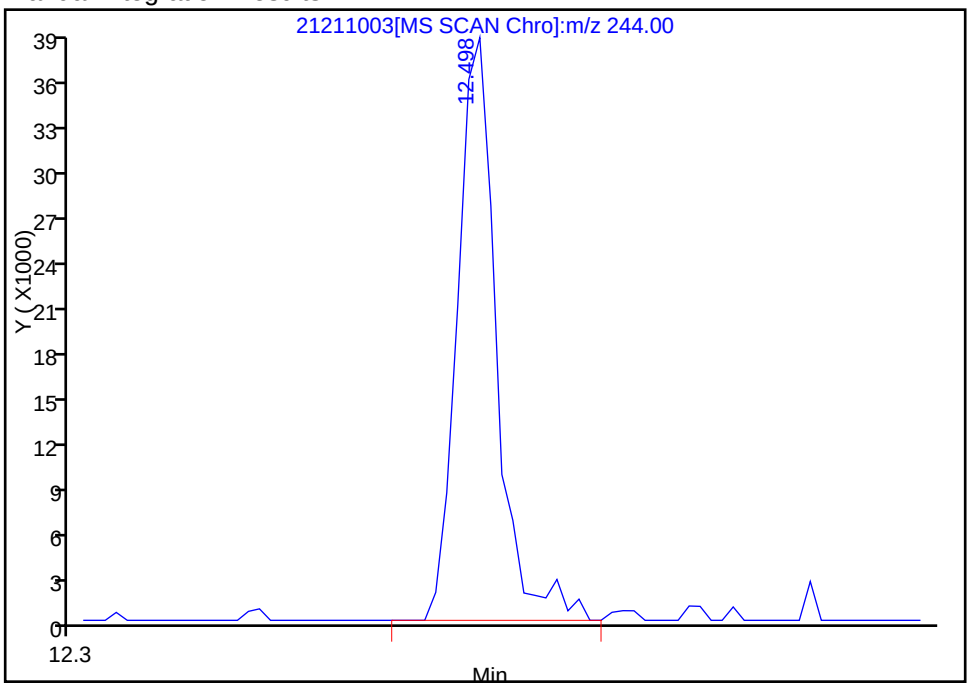
Processing Integration Results

RT: 12.50
Response: 49487
Amount: 1.738046



Manual Integration Results

RT: 12.50
Response: 51490
Amount: 1.955655



Reviewer: ulmanm, 11-Dec-2012 13:13:20
Audit Action: Manually Integrated
Audit Reason: Tailing or Fronting

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211004.D		
Lims ID:	std3 tcl	Client ID:	
Inject. Date:	11-Dec-2012 12:59:30	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	3
Sample ID:	240-0015722-004		
Misc. Info.:	STD3 TCL =STD3 TCL		
Operator:	001574	Instrument ID:	A4HP9
Injection Vol:	1.0 ul	ALS Bottle#:	4
Lims Batch ID:	68161	Lims Sample ID:	4
Sublist:	chrom-8270 _9*sub13		
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\8270 _9.m		
Last Update:	12-Dec-2012 07:42:57	Calib Date:	11-Dec-2012 15:28:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK010		
First Level Reviewer: ulmanm		Date:	11-Dec-2012 13:36:51

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	6.099	6.098	0.001	93	115119	4.00	
* 2 Naphthalene-d8	136	7.205	7.209	-0.004	98	469976	4.00	
* 3 Acenaphthene-d10	164	8.706	8.705	0.001	74	287823	4.00	
* 4 Phenanthrene-d10	188	9.972	9.971	0.001	77	499607	4.00	
* 5 Chrysene-d12	240	12.622	12.626	-0.004	79	495911	4.00	
* 6 Perylene-d12	264	14.785	14.790	-0.005	80	381755	4.00	
$ 7 2-Fluorophenol	112	4.881	4.880	0.001	75	43653	1.04	
$ 8 Phenol-d5	99	5.736	5.735	0.001	0	58355	0.9569	
$ 9 Nitrobenzene-d5	82	6.580	6.579	0.001	85	77136	0.9676	
$ 10 2-Fluorobiphenyl (Surr)	172	8.113	8.112	0.001	93	108590	0.9795	
$ 11 2,4,6-Tribromophenol	330	9.368	9.373	-0.005	26	8131	0.9323	
$ 12 Terphenyl-d14	244	11.361	11.360	0.001	93	99259	1.00	
25 1,4-Dioxane	88	2.862	2.861	0.001	75	30839	1.18	M
26 N-Nitrosodimethylamine	74	3.412	3.336	0.076	57	21097	1.22	M
27 Pyridine	79	3.396	3.390	0.006	80	56684	1.04	M
28 Ethyl methacrylate	69	3.925	3.929	-0.004	73	47792	0.9472	
29 3-Chloropropionitrile	54	4.288	4.266	0.022	72	20189	0.9006	M
33 Malononitrile	66		4.673					
41 Benzaldehyde	77	5.714	5.714	0.0	89	62939	1.03	
43 Phenol	94	5.746	5.746	0.0	86	64072	0.9213	
44 Aniline	93	5.800	5.799	0.001	96	84494	1.00	
69 Bis(2-chloroethyl)ether	93	5.853	5.853	0.0	88	60339	0.9444	
46 2-Chlorophenol	128	5.907	5.906	0.001	78	37973	0.9731	
47 1,3-Dichlorobenzene	146	6.051	6.050	0.001	79	50769	0.9884	
48 1,4-Dichlorobenzene	146	6.115	6.114	0.001	76	42786	0.9856	
49 Benzyl alcohol	108	6.200	6.200	0.0	86	29372	0.9760	
50 1,2-Dichlorobenzene	146	6.248	6.253	-0.005	85	49463	1.01	
51 2-Methylphenol	108	6.286	6.285	0.001	89	42991	0.9856	
53 2,2'-oxybis[1-chloropropane]	45	6.318	6.323	-0.005	93	61301	0.9737	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
21 3 & 4 Methylphenol	108	6.409	6.413	-0.004	87	42548	0.9103	
57 N-Nitrosodi-n-propylamine	70	6.430	6.429	0.001	64	45267	0.9740	
58 Acetophenone	105	6.441	6.440	0.001	84	66035	0.9440	
61 Hexachloroethane	117	6.553	6.552	0.001	83	23112	1.03	
62 Nitrobenzene	77	6.596	6.595	0.001	72	81480	0.9566	
64 Isophorone	82	6.793	6.793	0.0	94	114416	0.9225	
66 2-Nitrophenol	139	6.868	6.868	0.0	73	17955	0.8790	
67 1,3,5-Trichlorobenzene	180	6.879	6.878	0.001	79	45751	1.01	
65 2,4-Dimethylphenol	107	6.879	6.878	0.001	93	51557	0.9647	
71 Benzoic acid	122	6.895	6.916	-0.021	63	33528	2.34	M
70 Bis(2-chloroethoxy)methane	93	6.964	6.964	0.0	97	78774	0.9648	
73 2,4-Dichlorophenol	162	7.066	7.071	-0.005	77	27783	0.8931	
74 1,2,4-Trichlorobenzene	180	7.151	7.151	0.0	80	42809	0.9611	
75 Naphthalene	128	7.226	7.225	0.001	79	112488	0.9386	
76 4-Chloroaniline	127	7.253	7.252	0.001	82	50089	1.03	
79 Hexachlorobutadiene	225	7.317	7.322	-0.005	82	25226	1.03	
80 1,2,3-Trichlorobenzene	180	7.344	7.343	0.001	78	40814	0	
84 Caprolactam	113	7.525	7.530	-0.005	74	10563	0.8699	
86 4-Chloro-3-methylphenol	107	7.637	7.637	0.0	78	43136	0.9367	
87 2-Methylnaphthalene	142	7.814	7.813	0.001	86	79860	0.99	
88 1-Methylnaphthalene	142	7.899	7.899	0.0	79	70721	0.9561	
89 Hexachlorocyclopentadiene	237	7.942	7.941	0.001	69	23984	0.8770	
90 1,2,3,5-Tetrachlorobenzene	216	7.942	7.941	0.001	81	41082	0.9455	
92 2,4,6-Trichlorophenol	196	8.038	8.037	0.001	82	21437	0.9038	
93 2,4,5-Trichlorophenol	196	8.070	8.070	0.0	83	22511	0.8916	
97 2,4-Toluene diamine	121	8.177	8.182	-0.005	87	27766	1.07	
99 1,2,3,4 -Tetrachlorobenzene	216	8.198	8.198	0.0	84	43090	0	
98 1,1'-Biphenyl	154	8.204	8.203	0.001	92	95746	0.9714	
100 2-Chloronaphthalene	162	8.230	8.230	0.0	91	84244	0.9462	
102 2-Nitroaniline	65	8.300	8.299	0.001	53	32158	0.9505	
105 Dimethyl phthalate	163	8.433	8.438	-0.005	91	81185	0.9417	
107 2,6-Dinitrotoluene	165	8.498	8.497	0.001	67	16380	1.03	
108 1,2-Dinitrobenzene	168	8.546	8.545	0.001	70	9345	1.08	
109 Acenaphthylene	152	8.588	8.588	0.0	86	114559	0.9141	
110 3-Nitroaniline	138	8.642	8.646	-0.004	85	18300	0.9076	
112 Acenaphthene	153	8.733	8.732	0.001	89	75926	0.9391	
111 2,4-Dinitrophenol	184	8.727	8.732	-0.005	53	12302	2.03	
113 4-Nitrophenol	109	8.749	8.748	0.001	73	14501	0.9066	
114 2,4-Dinitrotoluene	165	8.834	8.839	-0.005	66	24218	0.8214	
116 Dibenzofuran	168	8.877	8.876	0.001	83	109591	1.00	
118 2,3,5,6-Tetrachlorophenol	232	8.930	8.935	-0.005	67	17811	0.8597	
121 Diethyl phthalate	149	9.026	9.031	-0.005	92	78871	0.9147	
123 4-Chlorophenyl phenyl ether	204	9.149	9.154	-0.005	85	50721	0.9595	
125 4-Nitroaniline	138	9.160	9.165	-0.005	70	18667	1.02	
126 Fluorene	166	9.171	9.170	0.001	69	88146	0.9516	
128 4,6-Dinitro-2-methylphenol	198	9.181	9.186	-0.005	5	7846	1.14	
131 N-Nitrosodiphenylamine	169	9.245	9.245	0.0	92	60778	0.9172	
132 1,2-Diphenylhydrazine	77	9.288	9.288	0.0	100	141953	0.8873	
133 Azobenzene	77	9.288	9.288	0.0	94	141953	0.8873	
139 4-Bromophenyl phenyl ether	248	9.571	9.571	0.0	67	27827	1.01	
141 Hexachlorobenzene	284	9.635	9.640	-0.005	74	24818	0.9153	
142 Atrazine	200	9.678	9.677	0.001	72	19459	0.99	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
143 Pentachlorophenol	266	9.796	9.795	0.001	75	28068	2.04	
148 Phenanthrene	178	9.993	9.993	0.0	80	125048	0.9157	
149 Anthracene	178	10.036	10.035	0.001	83	120020	0.9107	
151 Carbazole	167	10.159	10.158	0.001	86	115146	0.9245	
154 Di-n-butyl phthalate	149	10.410	10.409	0.001	98	131040	0.8501	
159 Fluoranthene	202	11.019	11.018	0.001	83	133695	0.9148	
160 Benzidine	184	11.115	11.115	0.0	79	45984	1.22	
161 Pyrene	202	11.243	11.243	0.0	90	138459	0.9306	
168 Butyl benzyl phthalate	149	11.858	11.857	0.001	82	51917	0.8345	
172 3,3'-Dimethoxybenzidine	244	12.493	12.498	-0.005	61	20791	0.9398	
175 3,3'-Dichlorobenzidine	252	12.547	12.546	0.001	62	40305	0.8667	
174 4,4'-Methylene bis(2-chloroanili	231	12.542	12.546	-0.004	69	24350	0.9727	
173 Bis(2-ethylhexyl) phthalate	149	12.563	12.568	-0.005	94	78234	0.8709	
177 Benzo[a]anthracene	228	12.606	12.610	-0.004	85	134671	0.9805	
178 Chrysene	228	12.659	12.658	0.001	81	122111	0.9640	
180 Di-n-octyl phthalate	149	13.514	13.518	-0.004	94	119798	1.01	
182 Benzo[b]fluoranthene	252	14.182	14.181	0.001	84	113357	0.9568	
183 Benzo[k]fluoranthene	252	14.219	14.229	-0.010	81	113456	0.9659	
184 Benzo[a]pyrene	252	14.700	14.704	-0.004	73	97653	0.9189	
188 Indeno[1,2,3-cd]pyrene	276	16.543	16.542	0.001	80	102960	0.8795	
189 Dibenz(a,h)anthracene	278	16.569	16.574	-0.005	61	91187	0.9232	
190 Benzo[g,h,i]perylene	276	17.024	17.034	-0.010	69	92408	0.9525	M
S 191 Methyl Phenols,Total	100				0		1.90	

QC Flag Legend

Review Flags
M - Manually Integrated

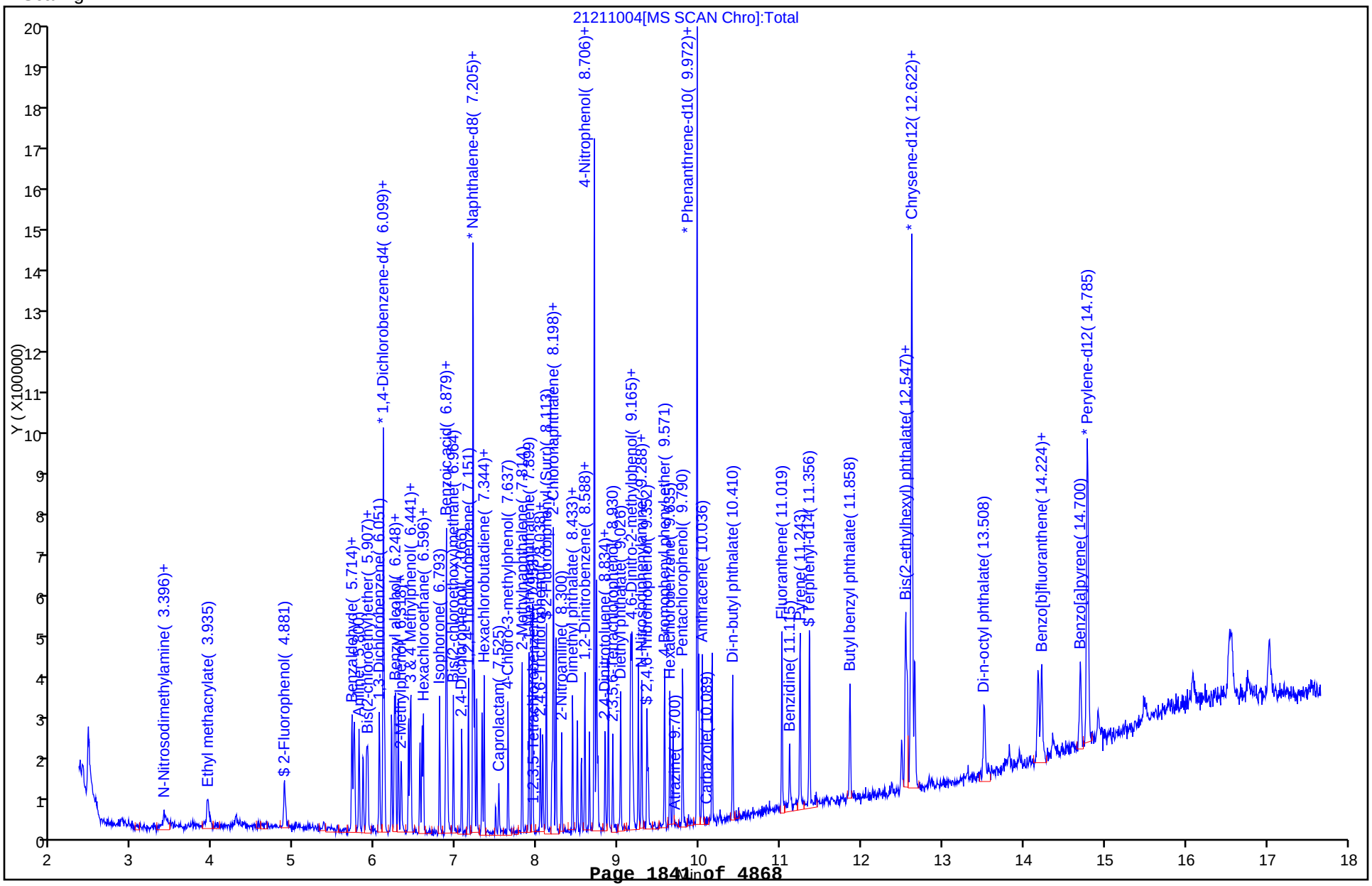
Report Date: 12-Dec-2012 07:42:58 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211004.D

Injection Date:	11-Dec-2012 12:59:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68161	Lims Sample ID:	4
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



Manual Integration/User Assign Peak Report

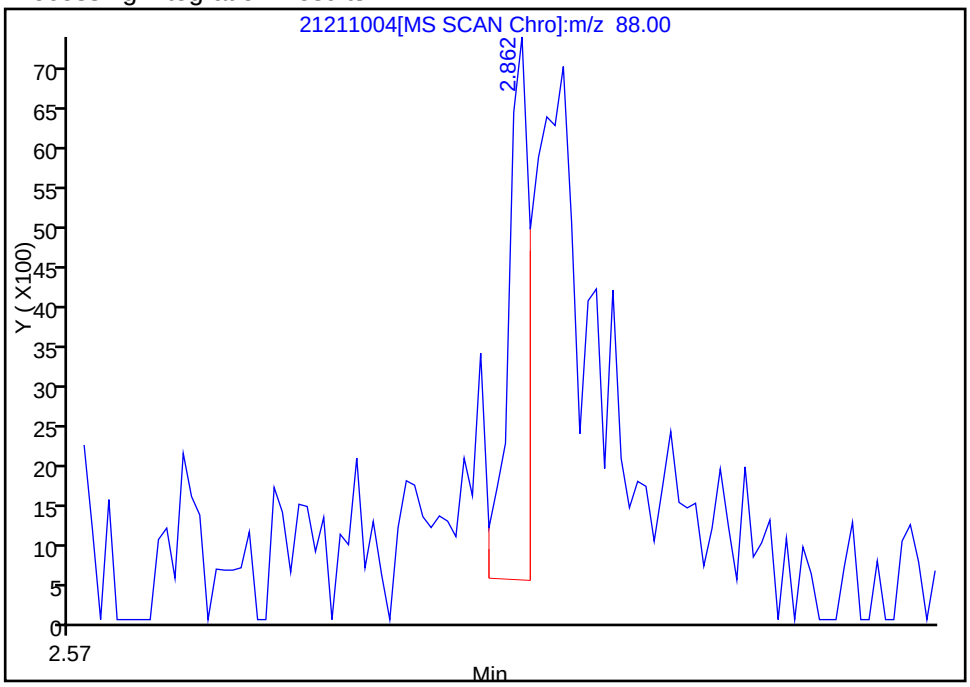
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211004.D		
Injection Date:	11-Dec-2012 12:59:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68161	Lims Sample ID:	4
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

25 1,4-Dioxane, Signal: 1, m/z: 88.0 Type: quant, RT: 2.86

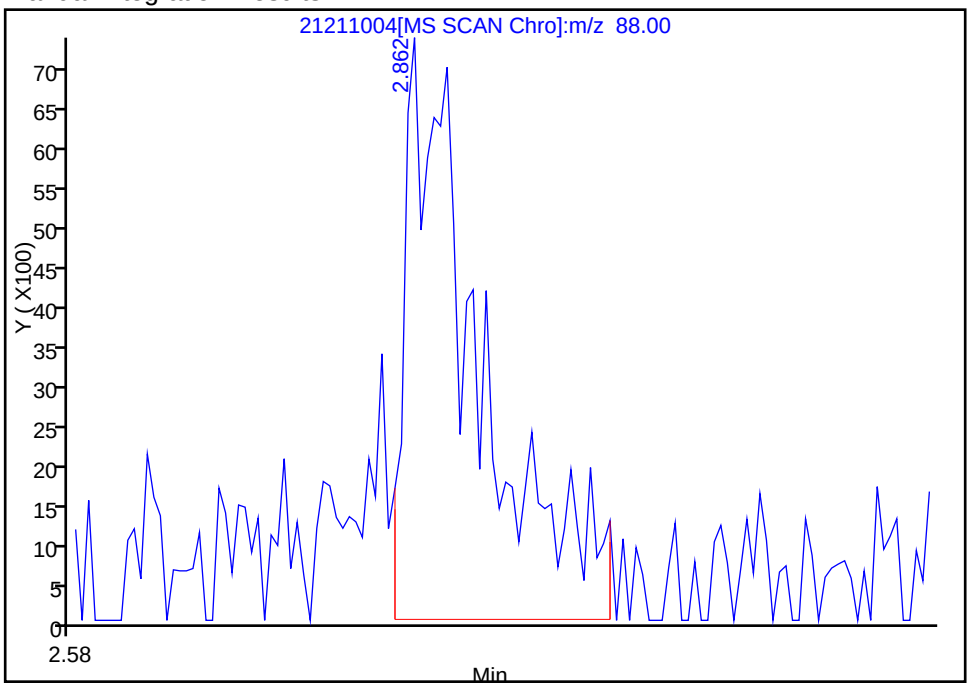
Processing Integration Results

RT: 2.86
Response: 6660
Amount: 0.409152



Manual Integration Results

RT: 2.86
Response: 30839
Amount: 1.180906



Reviewer: ulmanm, 11-Dec-2012 13:36:51
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

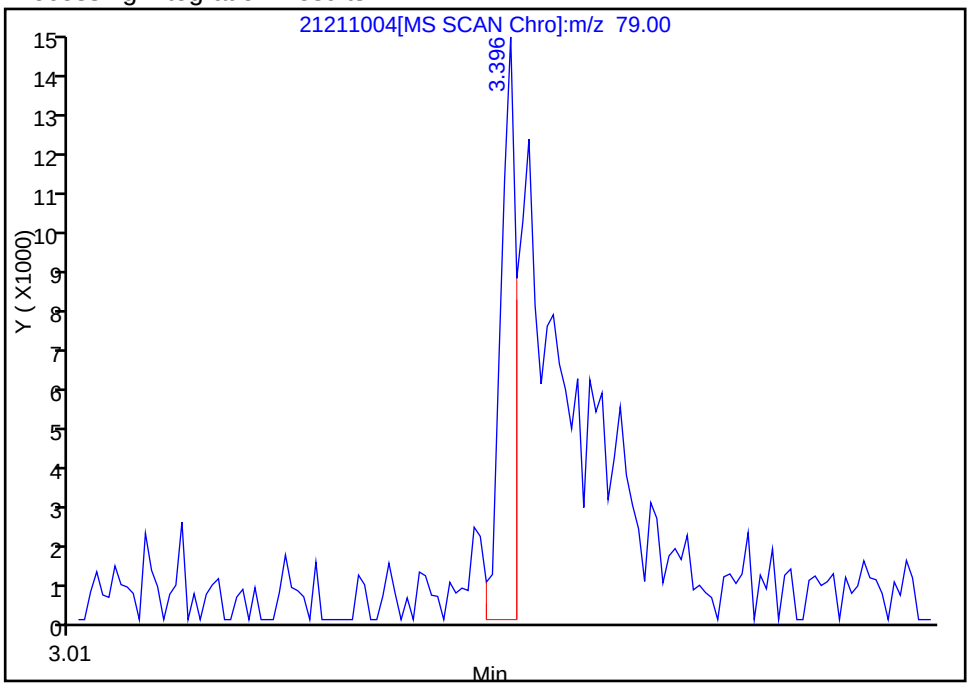
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211004.D		
Injection Date:	11-Dec-2012 12:59:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68161	Lims Sample ID:	4
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

27 Pyridine, Signal: 1, m/z: 79.0 Type: quant, RT: 3.39

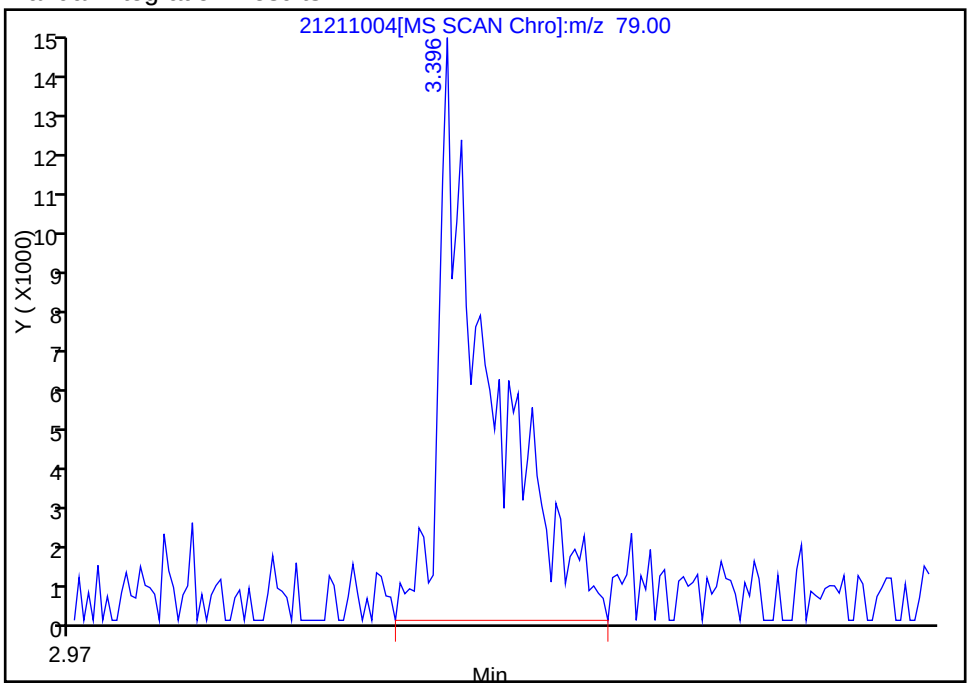
Processing Integration Results

RT: 3.40
Response: 13230
Amount: 0.365174



Manual Integration Results

RT: 3.40
Response: 56684
Amount: 1.036948



Reviewer: ulmanm, 11-Dec-2012 13:36:51
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

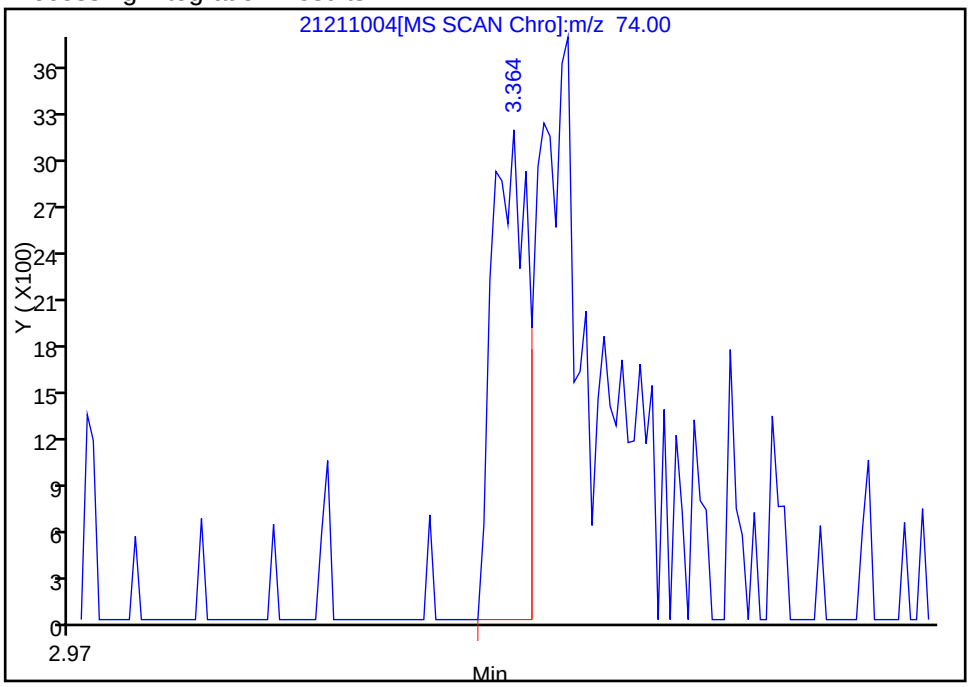
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211004.D		
Injection Date:	11-Dec-2012 12:59:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68161	Lims Sample ID:	4
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

26 N-Nitrosodimethylamine, Signal: 1, m/z: 74.0 Type: quant, RT: 3.34

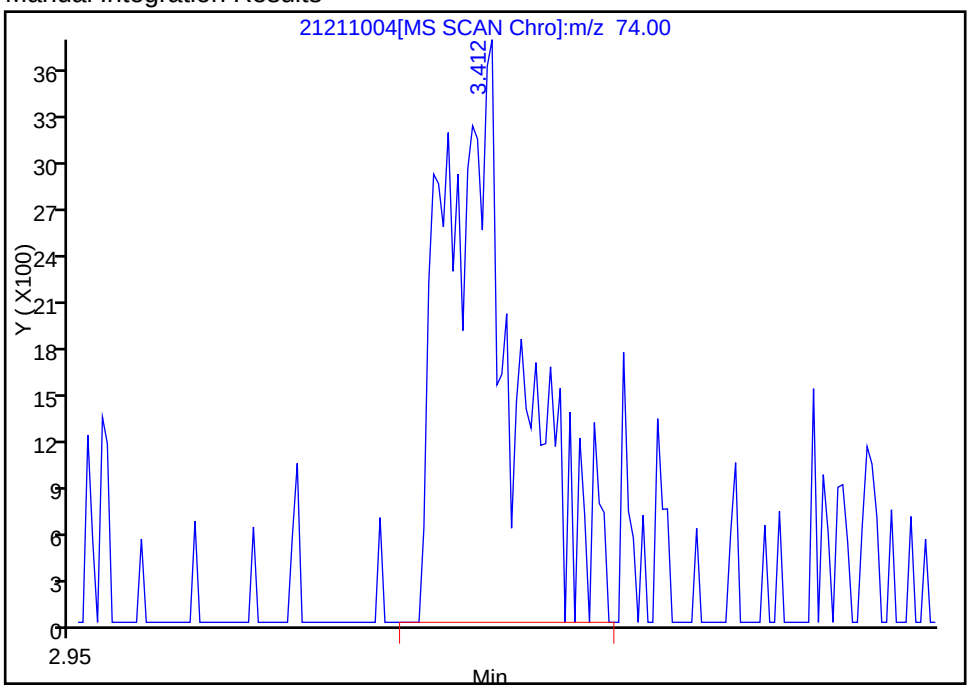
Processing Integration Results

RT: 3.36
Response: 6772
Amount: 0.418021



Manual Integration Results

RT: 3.41
Response: 21097
Amount: 1.217173



Reviewer: ulmanm, 11-Dec-2012 13:36:51
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

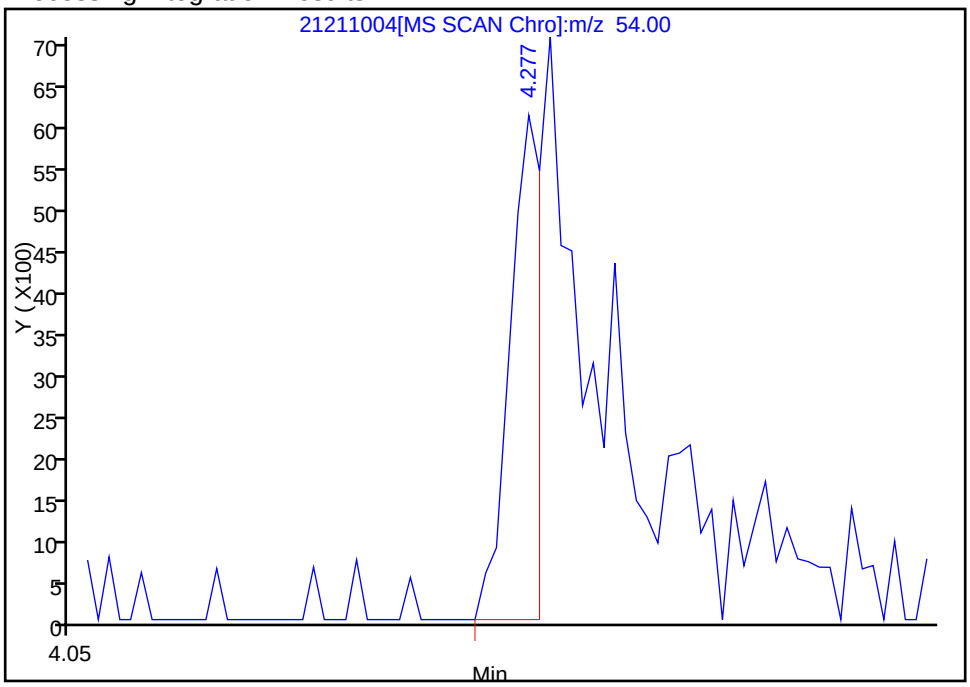
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211004.D		
Injection Date:	11-Dec-2012 12:59:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68161	Lims Sample ID:	4
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

29 3-Chloropropionitrile, Signal: 1, m/z: 54.0 Type: quant, RT: 4.27

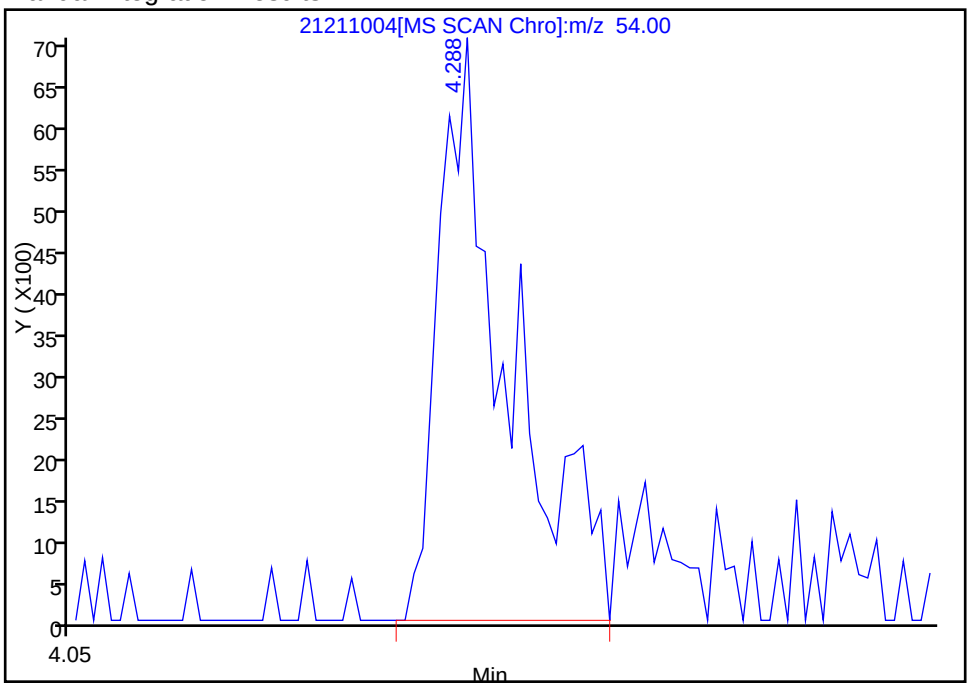
Processing Integration Results

RT: 4.28
Response: 6631
Amount: 0.406500



Manual Integration Results

RT: 4.29
Response: 20189
Amount: 0.900634



Reviewer: ulmanm, 11-Dec-2012 13:36:51
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

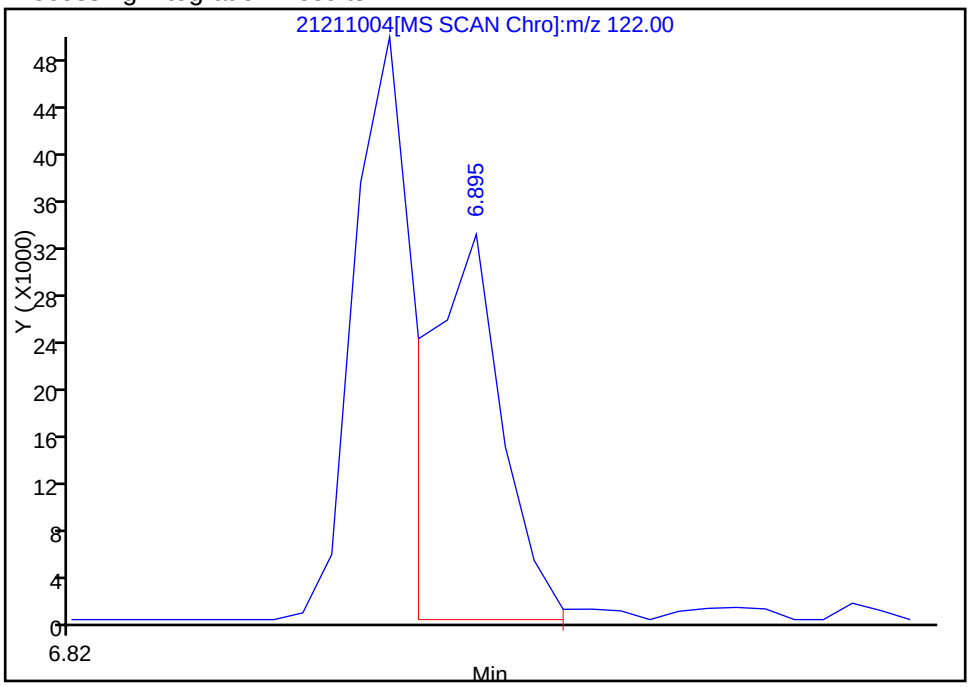
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211004.D		
Injection Date:	11-Dec-2012 12:59:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68161	Lims Sample ID:	4
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

71 Benzoic acid, Signal: 1, m/z: 122.0 Type: quant, RT: 6.92

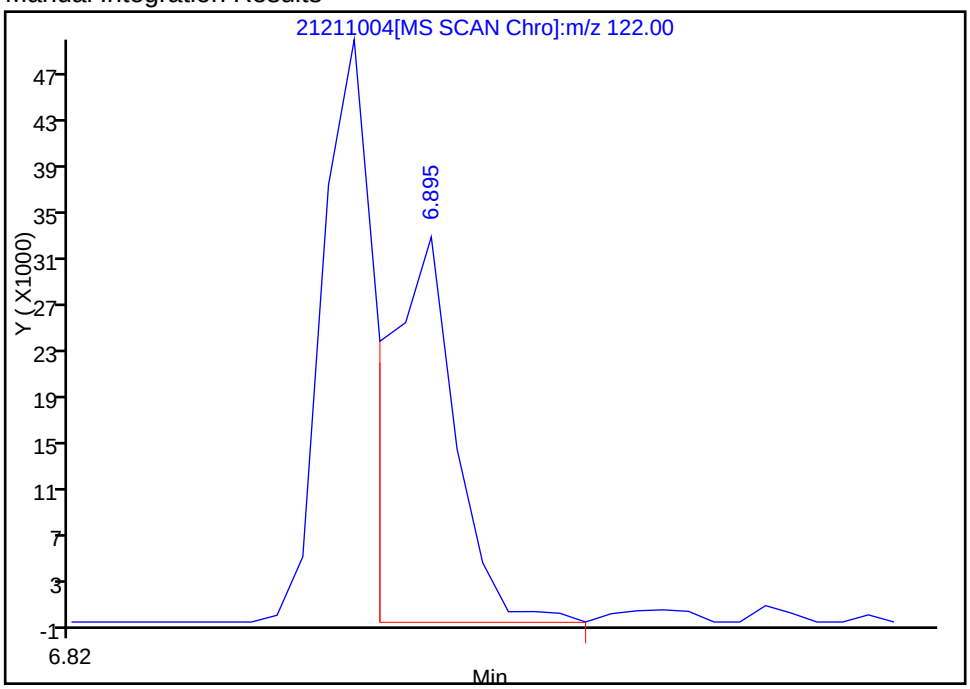
Processing Integration Results

RT: 6.89
Response: 32928
Amount: 1.683453



Manual Integration Results

RT: 6.89
Response: 33528
Amount: 2.342890



Reviewer: ulmanm, 11-Dec-2012 13:36:51
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

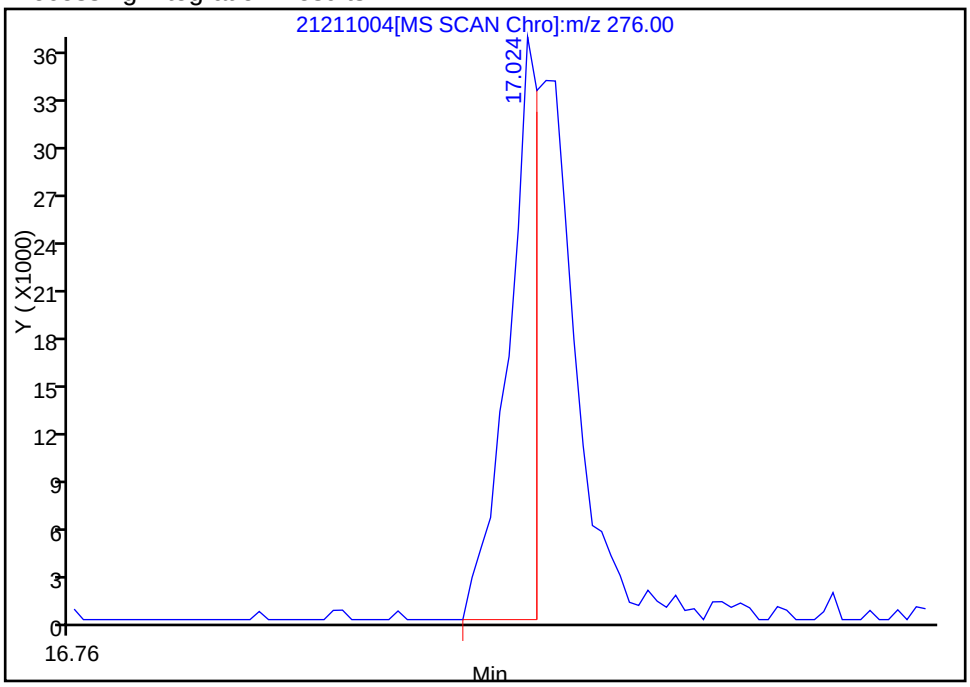
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211004.D		
Injection Date:	11-Dec-2012 12:59:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68161	Lims Sample ID:	4
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

190 Benzo[g,h,i]perylene, Signal: 1, m/z: 276.0 Type: quant, RT: 17.03

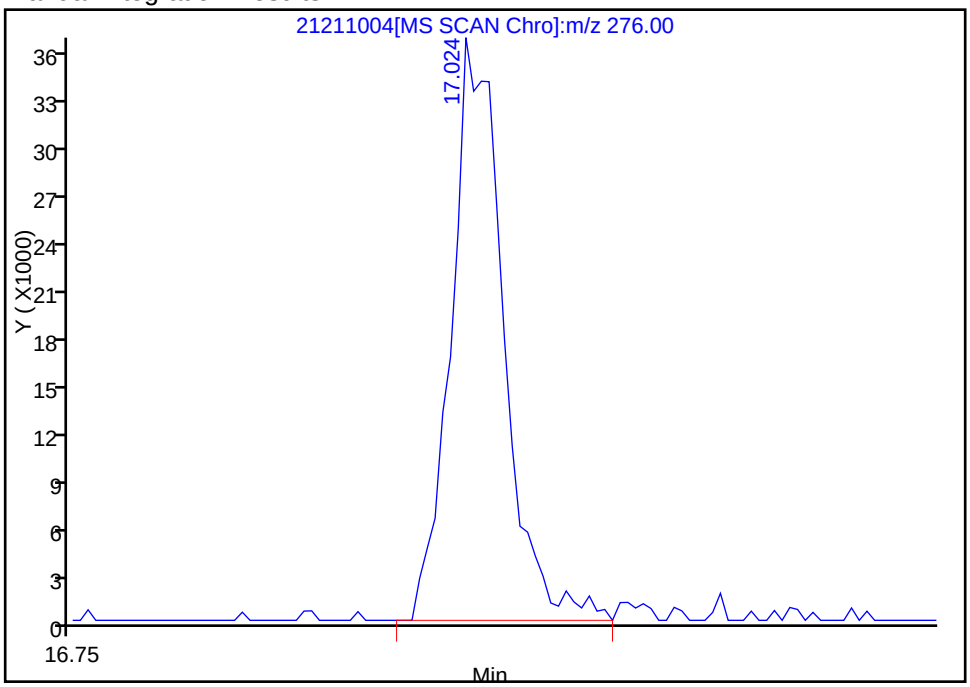
Processing Integration Results

RT: 17.02
Response: 44363
Amount: 0.579652



Manual Integration Results

RT: 17.02
Response: 92408
Amount: 0.952516



Reviewer: ulmanm, 11-Dec-2012 13:36:51
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211005.D		
Lims ID:	std2 tcl	Client ID:	
Inject. Date:	11-Dec-2012 13:24:30	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	2
Sample ID:	240-0015722-005		
Misc. Info.:	STD2 TCL =STD2 TCL		
Operator:	001574	Instrument ID:	A4HP9
Injection Vol:	1.0 ul	ALS Bottle#:	5
Lims Batch ID:	68161	Lims Sample ID:	5
Sublist:	chrom-8270 _9*sub13		
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\8270 _9.m		
Last Update:	12-Dec-2012 07:42:59	Calib Date:	11-Dec-2012 15:28:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK010		
First Level Reviewer: ulmanm		Date:	11-Dec-2012 14:12:59

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	6.101	6.098	0.003	94	123446	4.00	
* 2 Naphthalene-d8	136	7.207	7.209	-0.002	99	509508	4.00	
* 3 Acenaphthene-d10	164	8.703	8.705	-0.002	67	311244	4.00	
* 4 Phenanthrene-d10	188	9.969	9.971	-0.002	76	529489	4.00	
* 5 Chrysene-d12	240	12.619	12.626	-0.007	74	520523	4.00	
* 6 Perylene-d12	264	14.787	14.790	-0.003	77	398368	4.00	
$ 7 2-Fluorophenol	112	4.878	4.880	-0.002	53	23155	0.5132	
$ 8 Phenol-d5	99	5.733	5.735	-0.002	0	30599	0.4679	
$ 9 Nitrobenzene-d5	82	6.577	6.579	-0.002	74	45605	0.5277	
$ 10 2-Fluorobiphenyl (Surr)	172	8.110	8.112	-0.002	92	54056	0.4509	
$ 11 2,4,6-Tribromophenol	330	9.371	9.373	-0.002	16	3860	0.4093	
$ 12 Terphenyl-d14	244	11.358	11.360	-0.002	88	46676	0.4464	
25 1,4-Dioxane	88		2.861					
26 N-Nitrosodimethylamine	74	3.366	3.336	0.030	54	8001	0.7180	M
27 Pyridine	79	3.409	3.390	0.019	61	30320	0.5172	M
28 Ethyl methacrylate	69	3.932	3.929	0.003	40	30622	0.5659	M
29 3-Chloropropionitrile	54	4.280	4.266	0.014	0	9776	0.4067	M
33 Malononitrile	66		4.673					
41 Benzaldehyde	77	5.711	5.714	-0.003	90	34609	0.5267	
43 Phenol	94	5.743	5.746	-0.003	77	39940	0.5356	
44 Aniline	93	5.802	5.799	0.003	90	39983	0.4428	
69 Bis(2-chloroethyl)ether	93	5.850	5.853	-0.003	81	36040	0.5261	
46 2-Chlorophenol	128	5.909	5.906	0.003	74	19963	0.4771	
47 1,3-Dichlorobenzene	146	6.053	6.050	0.003	84	27144	0.4928	
48 1,4-Dichlorobenzene	146	6.117	6.114	0.003	64	26533	0.5700	
49 Benzyl alcohol	108	6.203	6.200	0.003	83	15908	0.4929	
50 1,2-Dichlorobenzene	146	6.251	6.253	-0.002	76	26043	0.4960	
51 2-Methylphenol	108	6.283	6.285	-0.002	83	20570	0.4398	
53 2,2'-oxybis[1-chloropropane]	45	6.320	6.323	-0.003	94	34511	0.5112	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
21 3 & 4 Methylphenol	108	6.411	6.413	-0.002	75	25633	0.5114	
57 N-Nitrosodi-n-propylamine	70	6.432	6.429	0.003	66	24098	0.4835	
58 Acetophenone	105	6.443	6.440	0.003	92	37488	0.4998	
61 Hexachloroethane	117	6.550	6.552	-0.002	82	12307	0.5125	
62 Nitrobenzene	77	6.593	6.595	-0.002	72	42550	0.4608	
64 Isophorone	82	6.796	6.793	0.003	91	58078	0.4319	
66 2-Nitrophenol	139	6.870	6.868	0.002	86	10248	0.4628	
67 1,3,5-Trichlorobenzene	180	6.881	6.878	0.003	82	24798	0.5033	
65 2,4-Dimethylphenol	107	6.876	6.878	-0.002	89	25915	0.4473	
71 Benzoic acid	122		6.916					9
70 Bis(2-chloroethoxy)methane	93	6.967	6.964	0.003	93	46026	0.5200	
73 2,4-Dichlorophenol	162	7.068	7.071	-0.003	75	16148	0.4788	
74 1,2,4-Trichlorobenzene	180	7.154	7.151	0.003	76	25214	0.5222	
75 Naphthalene	128	7.228	7.225	0.003	79	62287	0.4794	
76 4-Chloroaniline	127	7.255	7.252	0.003	69	23963	0.4541	
79 Hexachlorobutadiene	225	7.319	7.322	-0.003	71	12668	0.4793	
80 1,2,3-Trichlorobenzene	180	7.346	7.343	0.003	77	24101	0	
84 Caprolactam	113	7.528	7.530	-0.002	74	5702	0.4331	
86 4-Chloro-3-methylphenol	107	7.640	7.637	0.003	76	21888	0.4384	
87 2-Methylnaphthalene	142	7.811	7.813	-0.002	79	40926	0.4684	
88 1-Methylnaphthalene	142	7.896	7.899	-0.003	78	34655	0.4322	
89 Hexachlorocyclopentadiene	237	7.944	7.941	0.003	68	14057	0.4753	
90 1,2,3,5-Tetrachlorobenzene	216	7.939	7.941	-0.002	81	23446	0.4990	
92 2,4,6-Trichlorophenol	196	8.040	8.037	0.003	70	11103	0.4329	
93 2,4,5-Trichlorophenol	196	8.067	8.070	-0.003	71	12904	0.4726	
97 2,4-Toluene diamine	121	8.179	8.182	-0.003	84	18793	0.5825	
99 1,2,3,4 -Tetrachlorobenzene	216	8.195	8.198	-0.003	72	23785	0	
98 1,1'-Biphenyl	154	8.201	8.203	-0.002	94	52401	0.4916	
100 2-Chloronaphthalene	162	8.227	8.230	-0.003	91	49186	0.5109	
102 2-Nitroaniline	65	8.297	8.299	-0.002	50	17298	0.4728	
105 Dimethyl phthalate	163	8.436	8.438	-0.002	89	43777	0.4696	
107 2,6-Dinitrotoluene	165	8.494	8.497	-0.003	59	9247	0.6814	
108 1,2-Dinitrobenzene	168	8.543	8.545	-0.002	51	3297	0.5358	
109 Acenaphthylene	152	8.585	8.588	-0.003	85	61233	0.4518	
110 3-Nitroaniline	138	8.644	8.646	-0.002	69	8141	0.3734	
112 Acenaphthene	153	8.729	8.732	-0.003	84	36987	0.4231	
111 2,4-Dinitrophenol	184		8.732					
113 4-Nitrophenol	109		8.748					
114 2,4-Dinitrotoluene	165	8.836	8.839	-0.003	59	12763	0.4003	
116 Dibenzofuran	168	8.879	8.876	0.003	80	51717	0.4346	
118 2,3,5,6-Tetrachlorophenol	232		8.935					
121 Diethyl phthalate	149	9.029	9.031	-0.002	88	42364	0.4543	
123 4-Chlorophenyl phenyl ether	204	9.152	9.154	-0.002	83	28334	0.4956	
125 4-Nitroaniline	138	9.162	9.165	-0.003	67	8423	0.5205	
126 Fluorene	166	9.168	9.170	-0.002	64	48120	0.4804	
128 4,6-Dinitro-2-methylphenol	198		9.186					9
131 N-Nitrosodiphenylamine	169	9.248	9.245	0.003	78	29892	0.4256	
132 1,2-Diphenylhydrazine	77	9.285	9.288	-0.003	99	69710	0.4111	
133 Azobenzene	77	9.285	9.288	-0.003	92	69710	0.4111	
139 4-Bromophenyl phenyl ether	248	9.568	9.571	-0.003	55	13124	0.4504	
141 Hexachlorobenzene	284	9.638	9.640	-0.002	64	11868	0.4130	
142 Atrazine	200	9.675	9.677	-0.002	64	9350	0.4508	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
143 Pentachlorophenol	266	9.793	9.795	-0.002	57	11982	1.07	
148 Phenanthrene	178	9.990	9.993	-0.003	76	67837	0.4687	
149 Anthracene	178	10.033	10.035	-0.002	83	58309	0.4175	
151 Carbazole	167	10.156	10.158	-0.002	79	59370	0.4498	
154 Di-n-butyl phthalate	149	10.407	10.409	-0.002	94	65052	0.3982	
159 Fluoranthene	202	11.021	11.018	0.003	70	67613	0.4365	
160 Benzidine	184		11.115					
161 Pyrene	202	11.240	11.243	-0.003	93	73156	0.4685	
168 Butyl benzyl phthalate	149	11.860	11.857	0.003	72	27087	0.4148	
172 3,3'-Dimethoxybenzidine	244		12.498					9
175 3,3'-Dichlorobenzidine	252	12.544	12.546	-0.002	48	19110	0.3915	
174 4,4'-Methylene bis(2-chloroanili	231	12.538	12.546	-0.008	53	10063	0.3830	
173 Bis(2-ethylhexyl) phthalate	149	12.565	12.568	-0.003	84	35288	0.3742	
177 Benzo[a]anthracene	228	12.608	12.610	-0.002	70	70032	0.4858	
178 Chrysene	228	12.656	12.658	-0.002	73	61788	0.4647	
180 Di-n-octyl phthalate	149	13.516	13.518	-0.002	80	44647	0.4666	
182 Benzo[b]fluoranthene	252	14.178	14.181	-0.003	82	60249	0.4873	
183 Benzo[k]fluoranthene	252	14.221	14.229	-0.008	81	55277	0.4510	
184 Benzo[a]pyrene	252	14.697	14.704	-0.007	62	50271	0.4533	
188 Indeno[1,2,3-cd]pyrene	276	16.534	16.542	-0.008	77	55837	0.4571	
189 Dibenz(a,h)anthracene	278	16.566	16.574	-0.008	55	45334	0.4398	
190 Benzo[g,h,i]perylene	276	17.031	17.034	-0.003	75	45840	0.4528	M
S 191 Methyl Phenols,Total	100				0		0.9512	

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

Review Flags
M - Manually Integrated

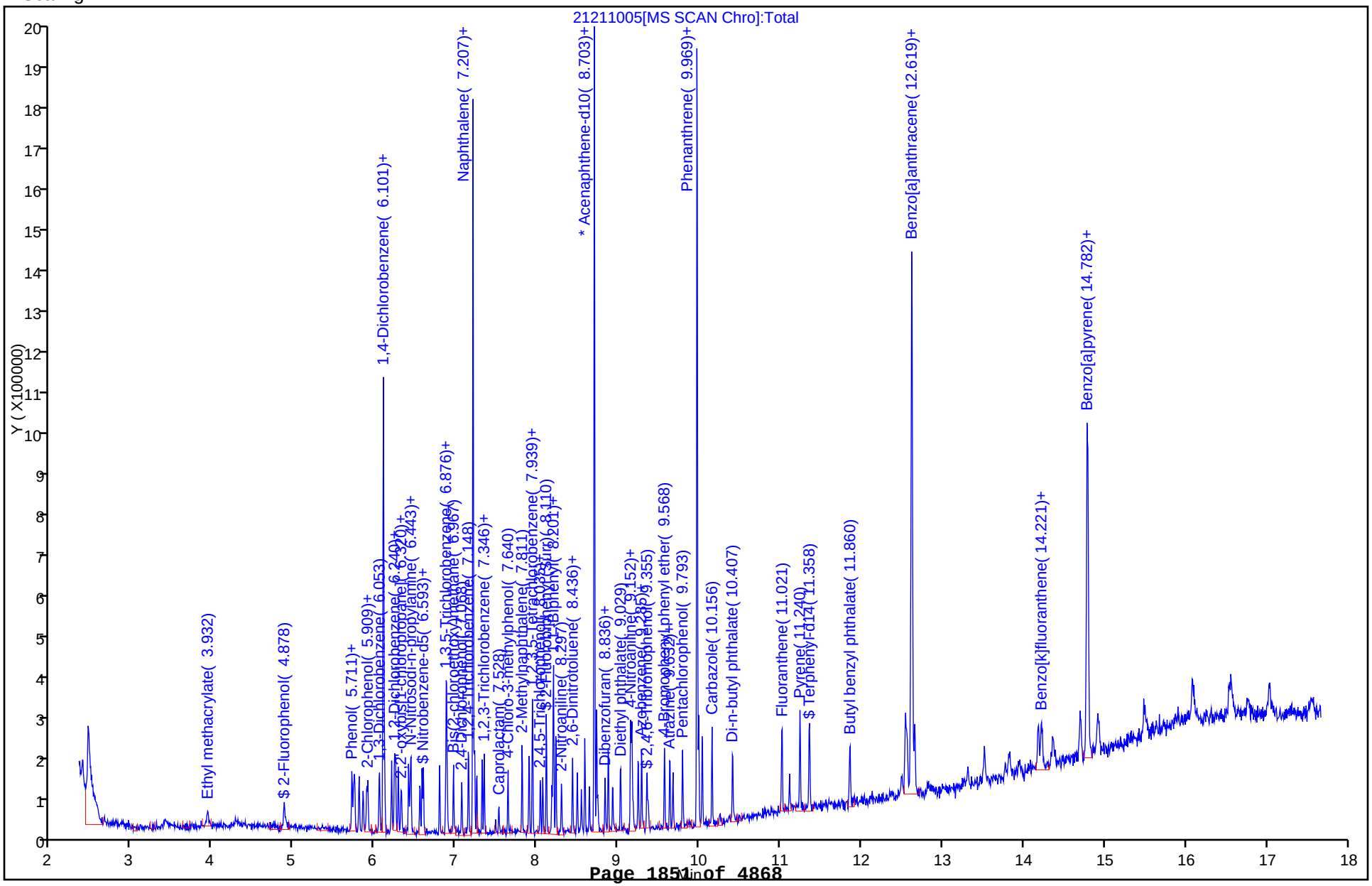
Report Date: 12-Dec-2012 07:43:00 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211005.D

Injection Date:	11-Dec-2012 13:24:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68161	Lims Sample ID:	5
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



Manual Integration/User Assign Peak Report

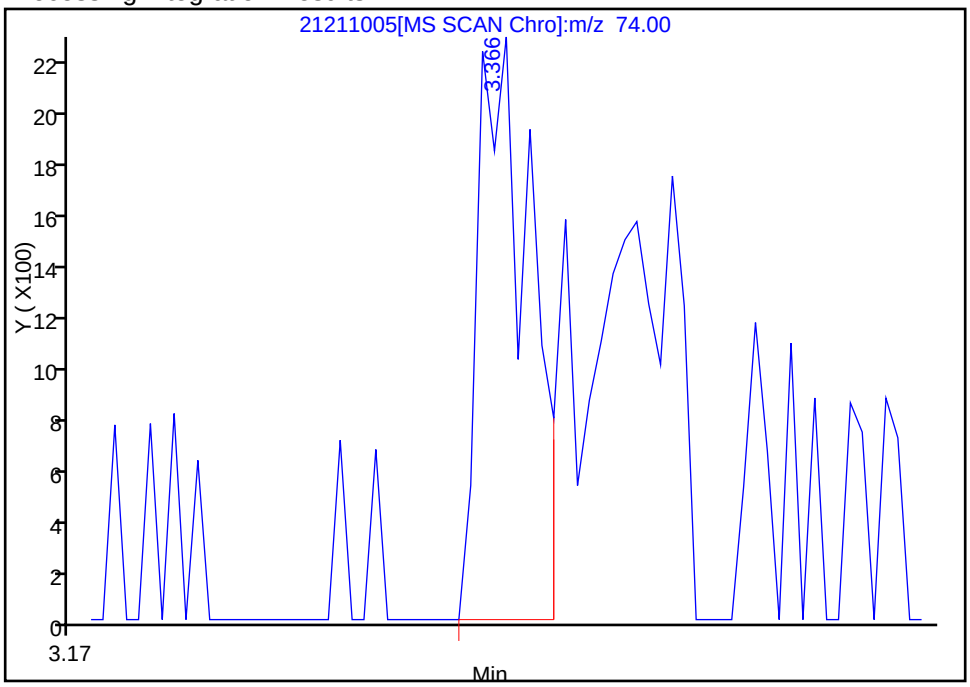
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211005.D		
Injection Date:	11-Dec-2012 13:24:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68161	Lims Sample ID:	5
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

26 N-Nitrosodimethylamine, Signal: 1, m/z: 74.0 Type: quant, RT: 3.34

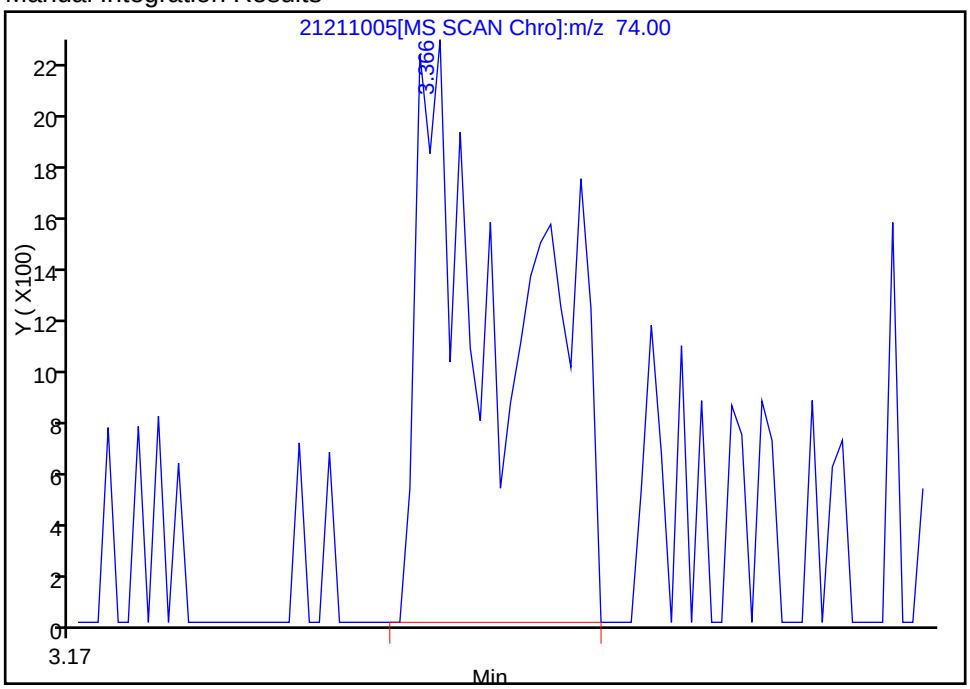
Processing Integration Results

RT: 3.37
Response: 3688
Amount: 0.197079



Manual Integration Results

RT: 3.37
Response: 8001
Amount: 0.718032



Reviewer: ulmanm, 11-Dec-2012 14:12:59
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

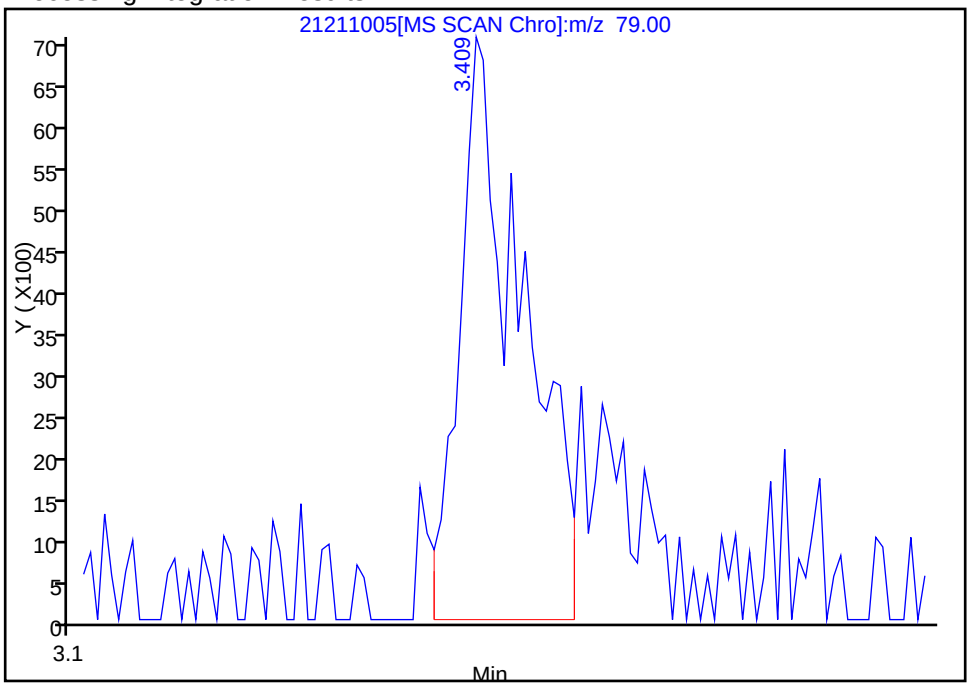
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211005.D		
Injection Date:	11-Dec-2012 13:24:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68161	Lims Sample ID:	5
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

27 Pyridine, Signal: 1, m/z: 79.0 Type: quant, RT: 3.39

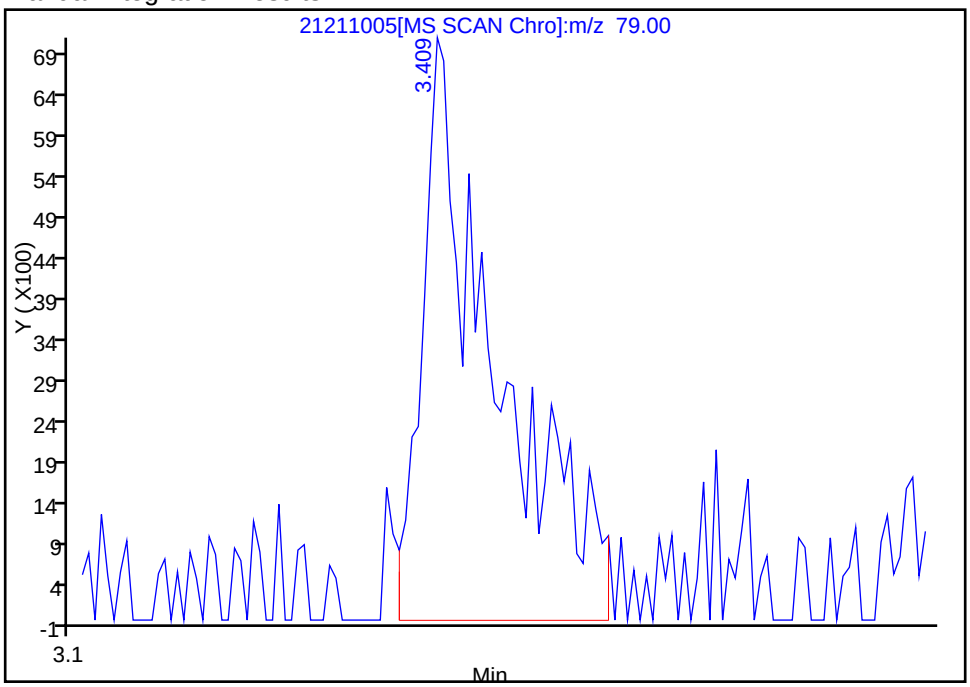
Processing Integration Results

RT: 3.41
Response: 23588
Amount: 0.448605



Manual Integration Results

RT: 3.41
Response: 30320
Amount: 0.517244



Reviewer: ulmanm, 11-Dec-2012 14:12:59
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Report Date: 12-Dec-2012 07:43:00 Chrom Revision: 2.0 27-Nov-2012 13:14:12

Manual Integration/User Assign Peak Report

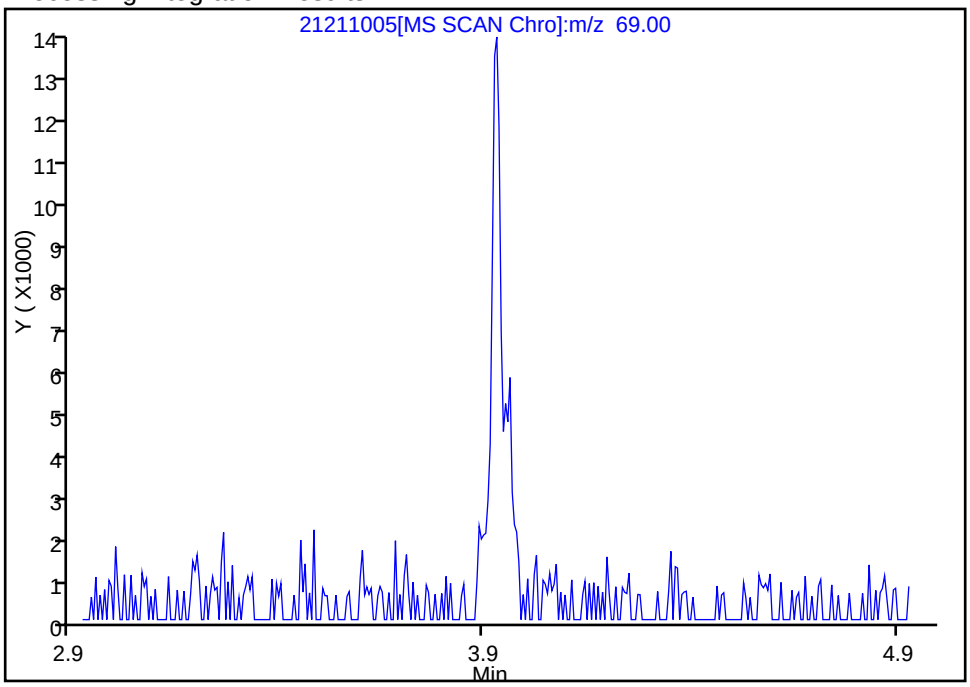
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211005.D		
Injection Date:	11-Dec-2012 13:24:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68161	Lims Sample ID:	5
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

28 Ethyl methacrylate, Signal: 1, m/z: 69.0 Type: quant, RT: 3.93

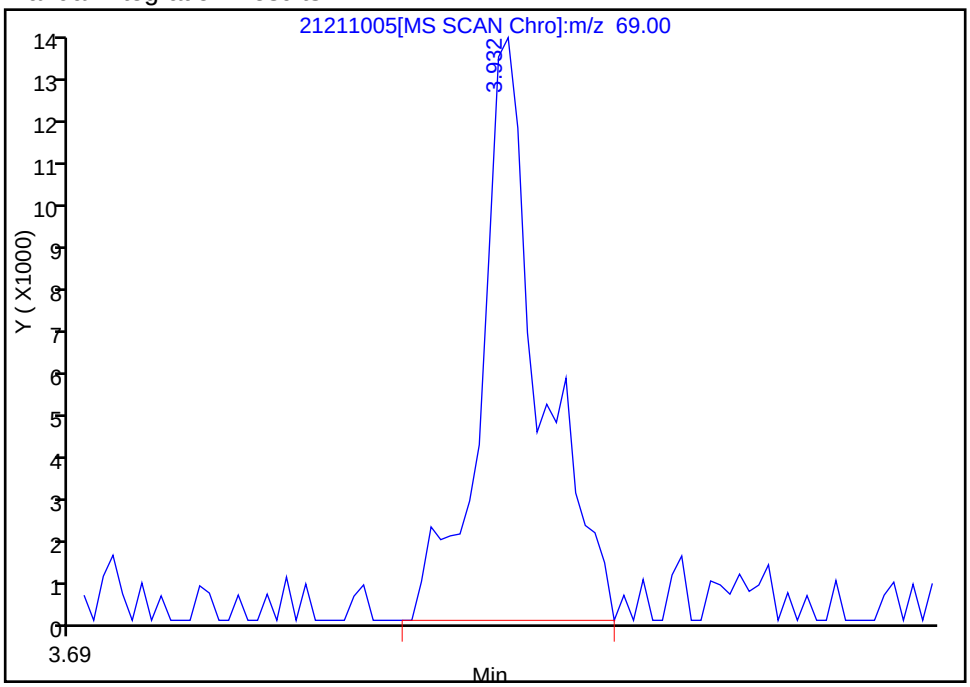
Not Detected
Expected RT: 3.93

Processing Integration Results



Manual Integration Results

RT: 3.93
Response: 30622
Amount: 0.565937



Reviewer: ulmanm, 11-Dec-2012 14:12:59
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

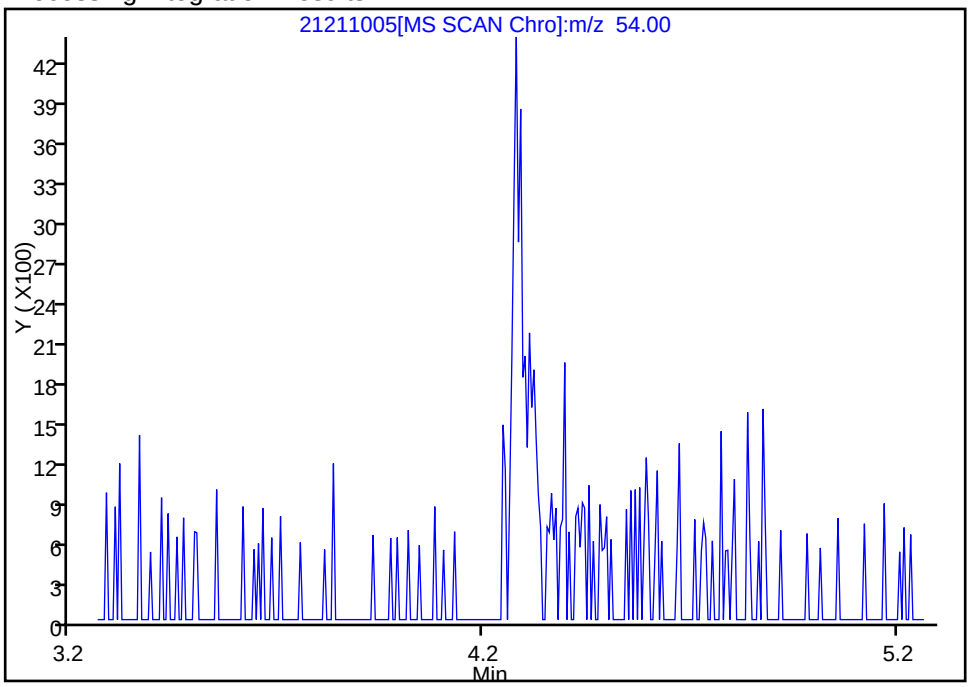
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211005.D		
Injection Date:	11-Dec-2012 13:24:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68161	Lims Sample ID:	5
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

29 3-Chloropropionitrile, Signal: 1, m/z: 54.0 Type: quant, RT: 4.27

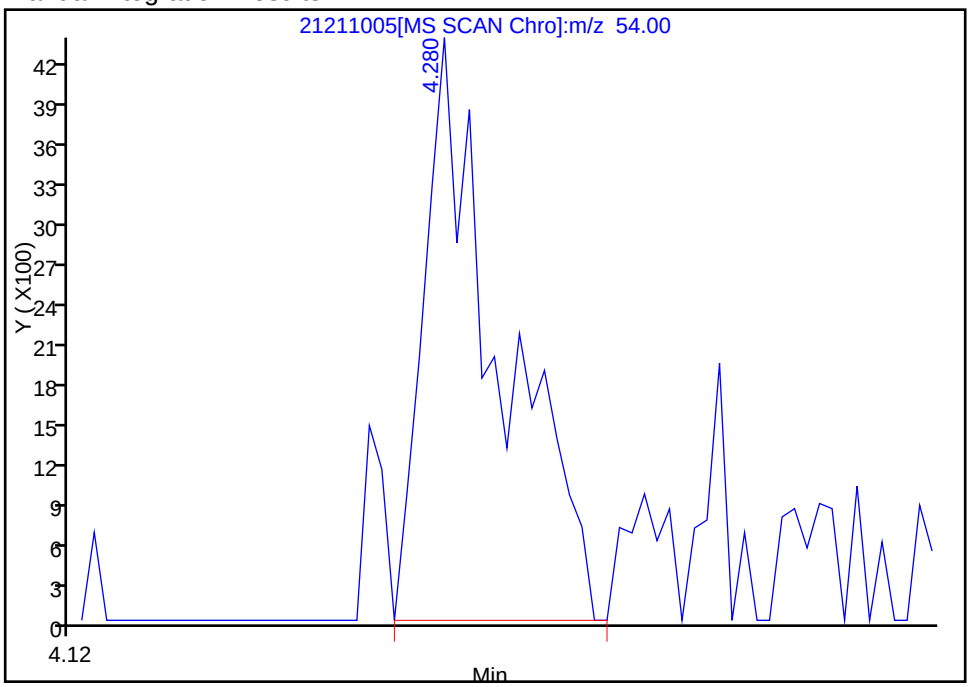
Processing Integration Results

Not Detected
Expected RT: 4.27



Manual Integration Results

RT: 4.28
Response: 9776
Amount: 0.406691



Reviewer: ulmanm, 11-Dec-2012 14:12:59
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

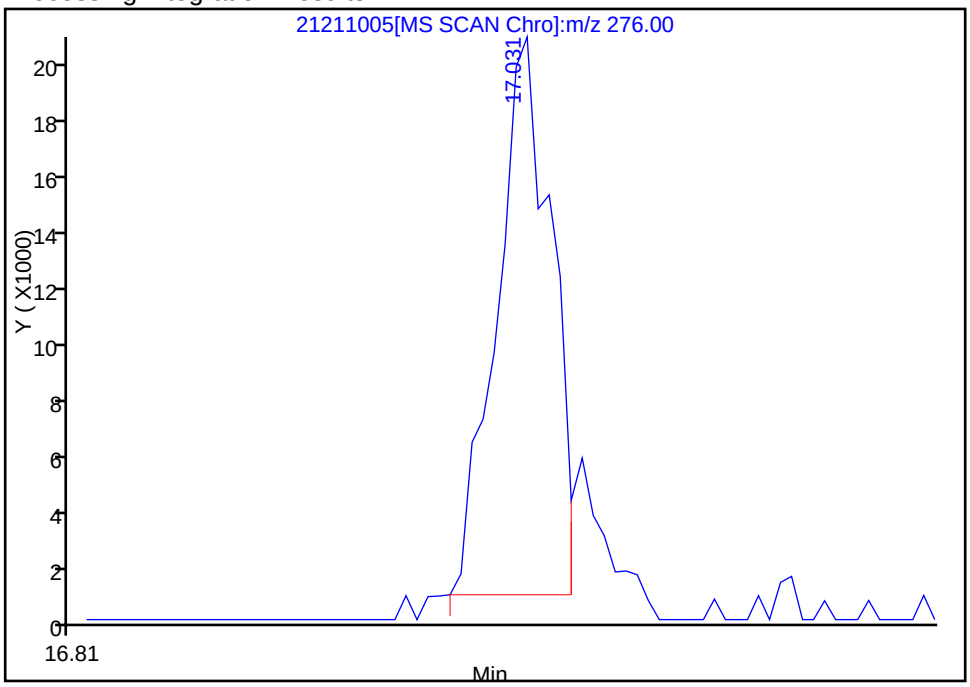
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211005.D		
Injection Date:	11-Dec-2012 13:24:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68161	Lims Sample ID:	5
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

190 Benzo[g,h,i]perylene, Signal: 1, m/z: 276.0 Type: quant, RT: 17.03

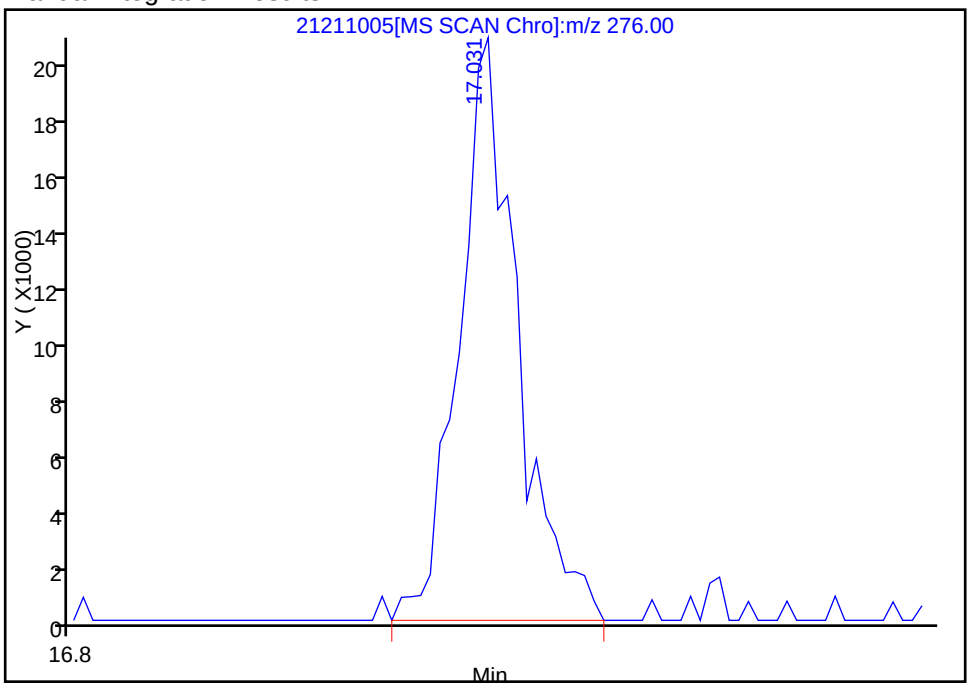
Processing Integration Results

RT: 17.03
Response: 36235
Amount: 0.400167



Manual Integration Results

RT: 17.03
Response: 45840
Amount: 0.452801



Reviewer: ulmanm, 11-Dec-2012 14:16:17
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211006.D		
Lims ID:	std1 tcl	Client ID:	
Inject. Date:	11-Dec-2012 13:49:30	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	1
Sample ID:	240-0015722-006		
Misc. Info.:	STD1 TCL =STD1 TCL		
Operator:	001574	Instrument ID:	A4HP9
Injection Vol:	1.0 ul	ALS Bottle#:	6
Lims Batch ID:	68161	Lims Sample ID:	6
Sublist:	chrom-8270 _9*sub13		
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\8270 _9.m		
Last Update:	12-Dec-2012 07:43:01	Calib Date:	11-Dec-2012 15:28:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK010		
First Level Reviewer: ulmanm		Date:	11-Dec-2012 14:44:01

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	6.099	6.098	0.001	95	138592	4.00	
* 2 Naphthalene-d8	136	7.205	7.209	-0.004	98	521167	4.00	
* 3 Acenaphthene-d10	164	8.706	8.705	0.001	73	316712	4.00	
* 4 Phenanthrene-d10	188	9.972	9.971	0.001	94	545610	4.00	
* 5 Chrysene-d12	240	12.622	12.626	-0.004	74	542432	4.00	
* 6 Perylene-d12	264	14.785	14.790	-0.005	87	414202	4.00	
$ 9 Nitrobenzene-d5	82	6.574	6.579	-0.005	60	7493	0.0848	
$ 10 2-Fluorobiphenyl (Surr)	172	8.113	8.112	0.001	46	15007	0.1230	
$ 12 Terphenyl-d14	244	11.355	11.360	-0.005	35	10246	0.0940	
41 Benzaldehyde	77	5.714	5.714	0.0	59	8019	0.1087	
75 Naphthalene	128	7.226	7.225	0.001	1	13734	0.1033	
87 2-Methylnaphthalene	142	7.808	7.813	-0.005	59	9748	0.1091	
88 1-Methylnaphthalene	142	7.899	7.899	0.0	56	7837	0.0955	
98 1,1'-Biphenyl	154	8.198	8.203	-0.005	62	9913	0.0914	
100 2-Chloronaphthalene	162	8.230	8.230	0.0	71	8861	0.0904	
109 Acenaphthylene	152	8.588	8.588	0.0	65	13212	0.0958	
112 Acenaphthene	153	8.732	8.732	0.0	76	11127	0.1251	
116 Dibenzofuran	168	8.877	8.876	0.001	63	13281	0.1097	
126 Fluorene	166	9.165	9.170	-0.005	44	10842	0.1064	
141 Hexachlorobenzene	284	9.641	9.640	0.001	1	3607	0.1218	
148 Phenanthrene	178	9.993	9.993	0.0	7	16520	0.1108	
149 Anthracene	178	10.036	10.035	0.001	68	11352	0.0789	
159 Fluoranthene	202	11.019	11.018	0.001	71	14614	0.0916	
161 Pyrene	202	11.243	11.243	0.0	77	15054	0.0925	
177 Benzo[a]anthracene	228	12.611	12.610	0.001	15	14791	0.0985	
178 Chrysene	228	12.664	12.658	0.006	53	14169	0.1023	
182 Benzo[b]fluoranthene	252	14.181	14.181	0.0	51	11681	0.0909	
183 Benzo[k]fluoranthene	252	14.230	14.229	0.001	1	10317	0.0810	
184 Benzo[a]pyrene	252	14.700	14.704	-0.004	0	8347	0.0724	M

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
188 Indeno[1,2,3-cd]pyrene	276	16.537	16.542	-0.005	0	12797	0.1008	M
189 Dibenz(a,h)anthracene	278	16.559	16.574	-0.015	0	10700	0.0998	M
190 Benzo[g,h,i]perylene	276	17.034	17.034	0.0	0	9341	0.0887	M

QC Flag Legend

Review Flags
M - Manually Integrated

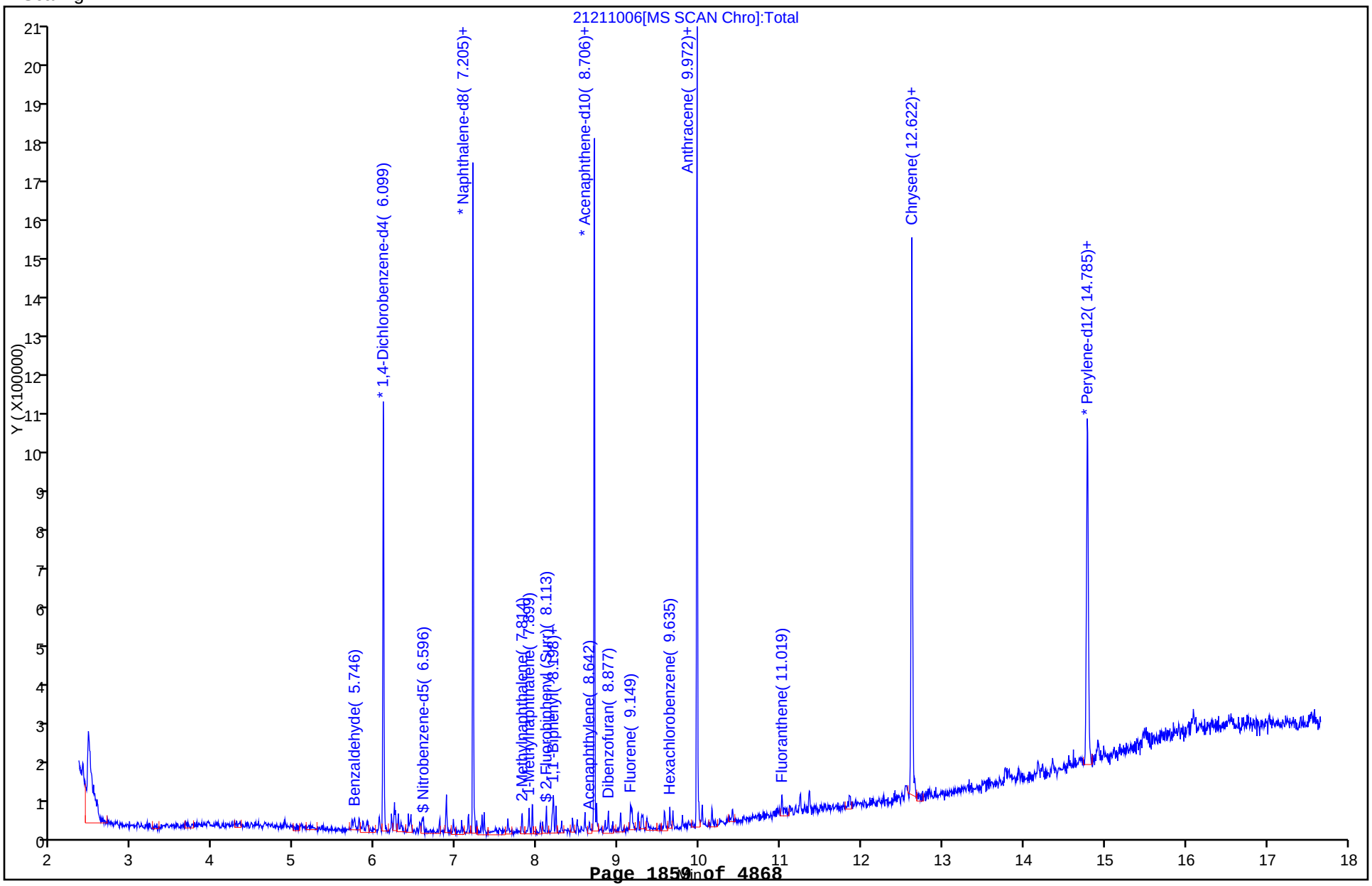
Report Date: 12-Dec-2012 07:43:01 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211006.D

Injection Date:	11-Dec-2012 13:49:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68161	Lims Sample ID:	6
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



Manual Integration/User Assign Peak Report

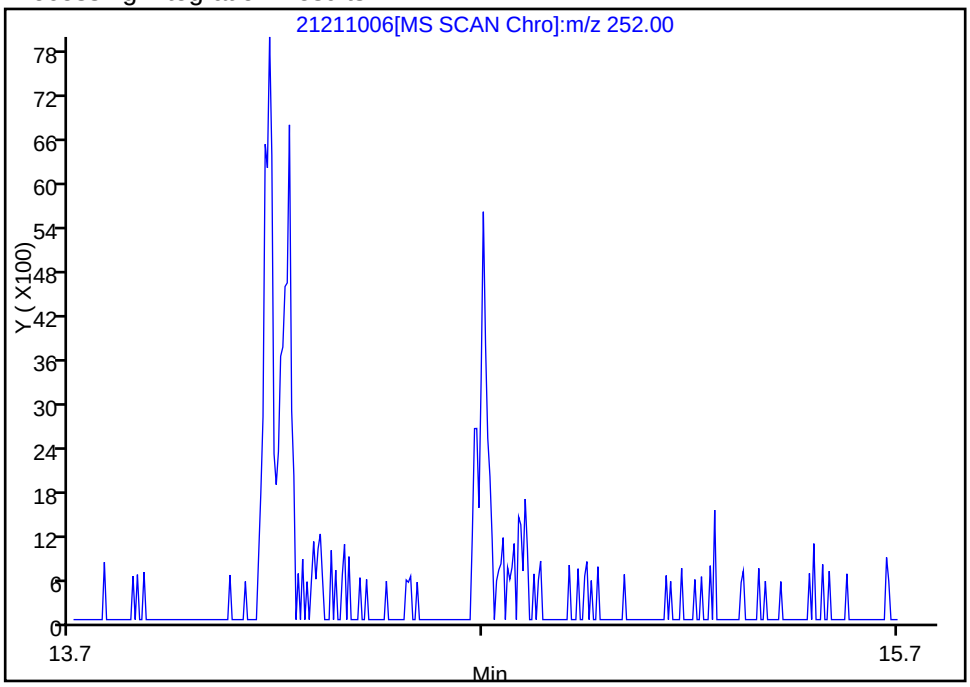
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211006.D		
Injection Date:	11-Dec-2012 13:49:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68161	Lims Sample ID:	6
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

184 Benzo[a]pyrene, Signal: 1, m/z: 252.0 Type: quant, RT: 14.70

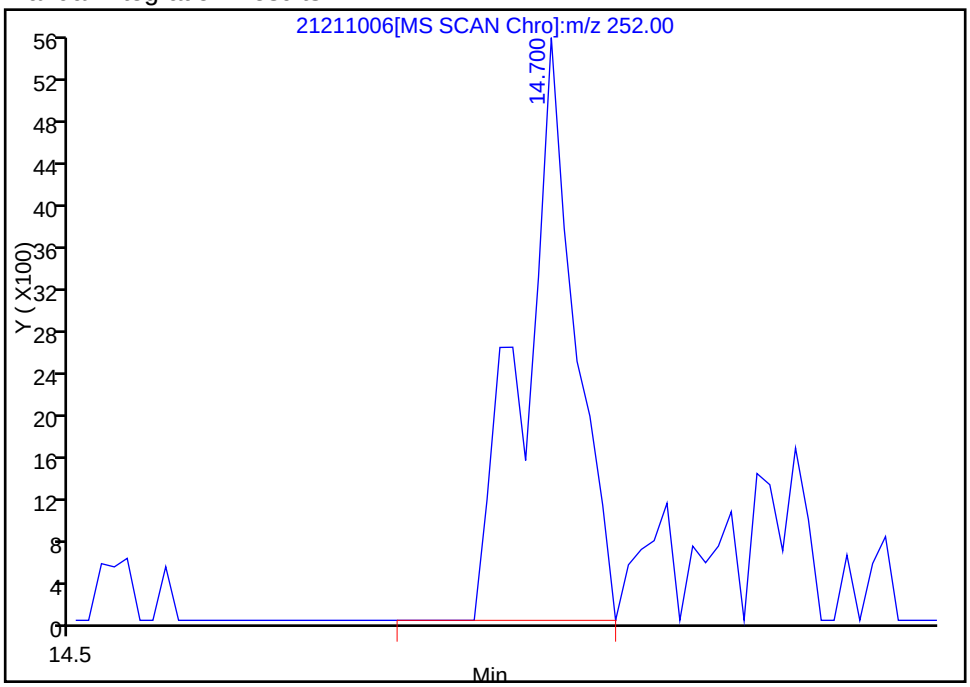
Processing Integration Results

Not Detected
Expected RT: 14.70



Manual Integration Results

RT: 14.70
Response: 8347
Amount: 0.072393



Reviewer: ulmanm, 11-Dec-2012 14:44:01
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

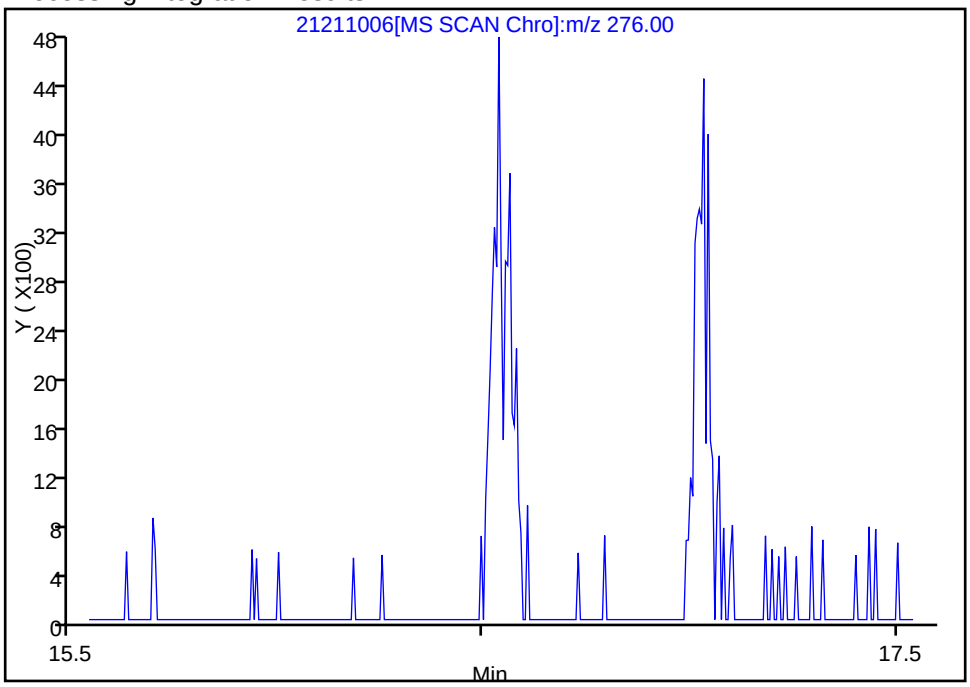
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211006.D		
Injection Date:	11-Dec-2012 13:49:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68161	Lims Sample ID:	6
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

188 Indeno[1,2,3-cd]pyrene, Signal: 1, m/z: 276.0 Type: quant, RT: 16.54

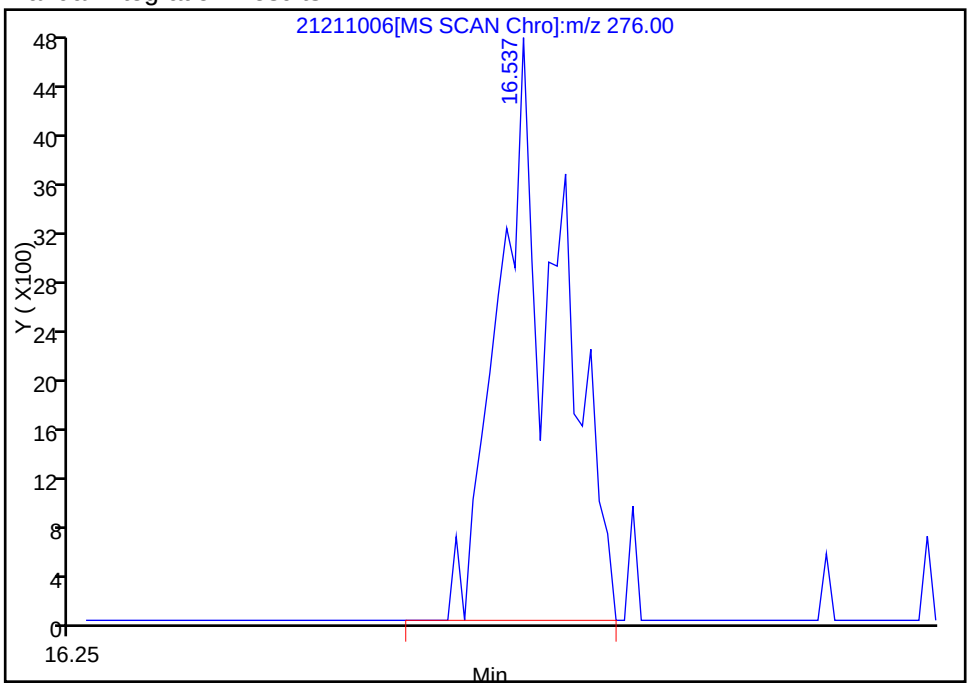
Processing Integration Results

Not Detected
Expected RT: 16.54



Manual Integration Results

RT: 16.54
Response: 12797
Amount: 0.100752



Reviewer: ulmanm, 11-Dec-2012 14:44:01
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

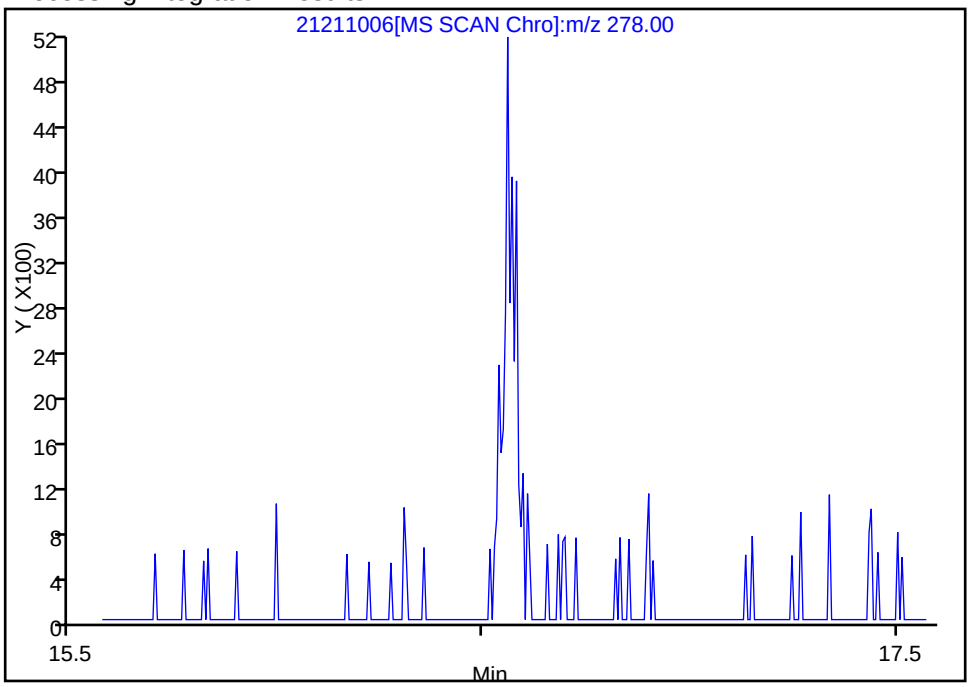
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211006.D		
Injection Date:	11-Dec-2012 13:49:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68161	Lims Sample ID:	6
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

189 Dibenz(a,h)anthracene, Signal: 1, m/z: 278.0 Type: quant, RT: 16.57

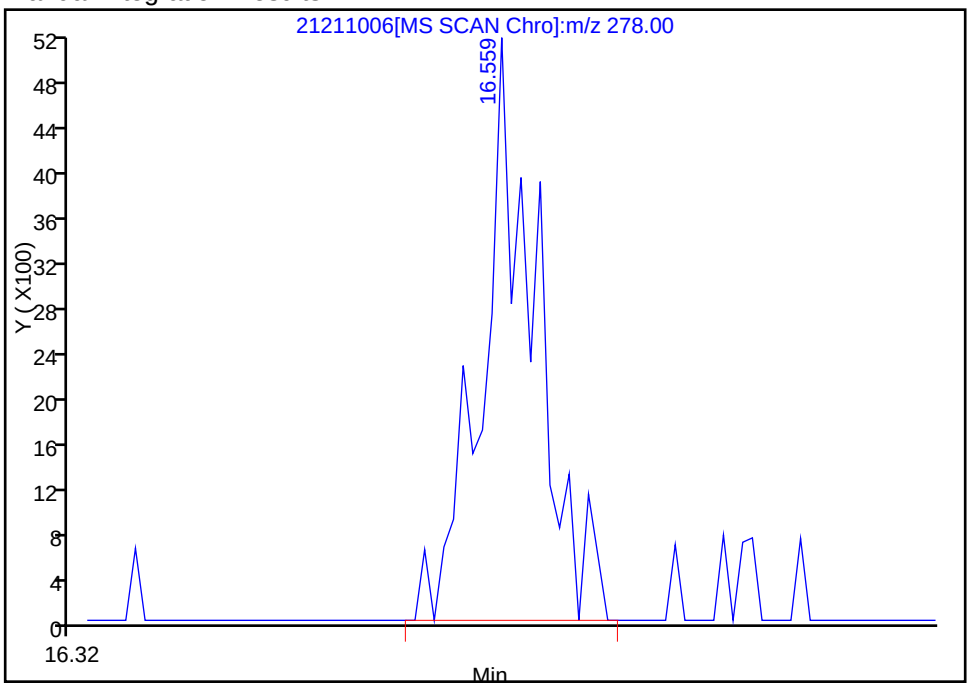
Processing Integration Results

Not Detected
Expected RT: 16.57



Manual Integration Results

RT: 16.56
Response: 10700
Amount: 0.099839



Reviewer: ulmanm, 11-Dec-2012 14:44:01
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

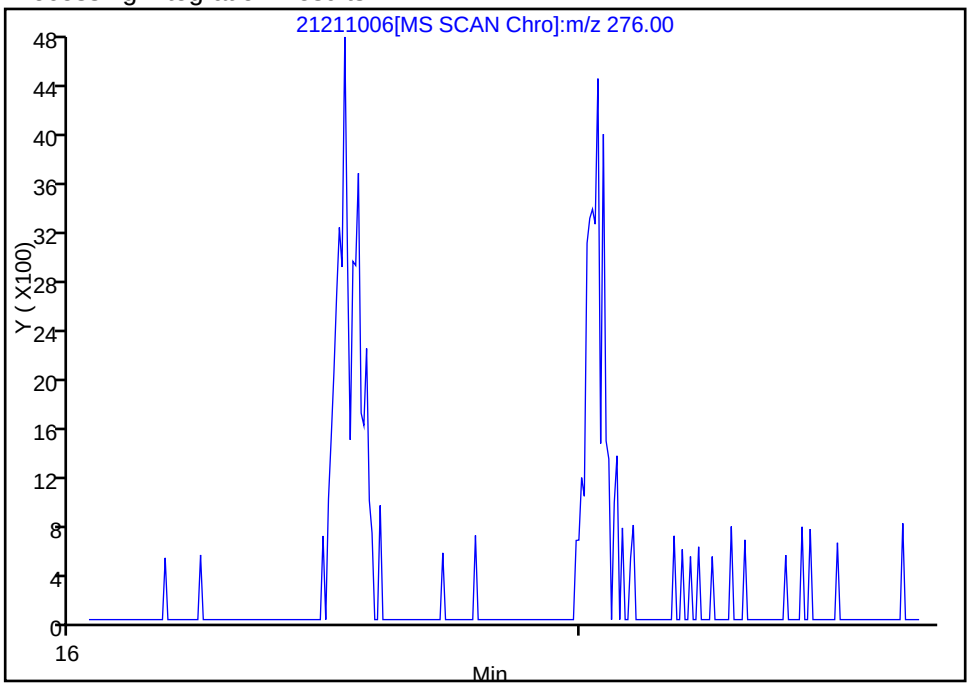
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211006.D		
Injection Date:	11-Dec-2012 13:49:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68161	Lims Sample ID:	6
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

190 Benzo[g,h,i]perylene, Signal: 1, m/z: 276.0 Type: quant, RT: 17.03

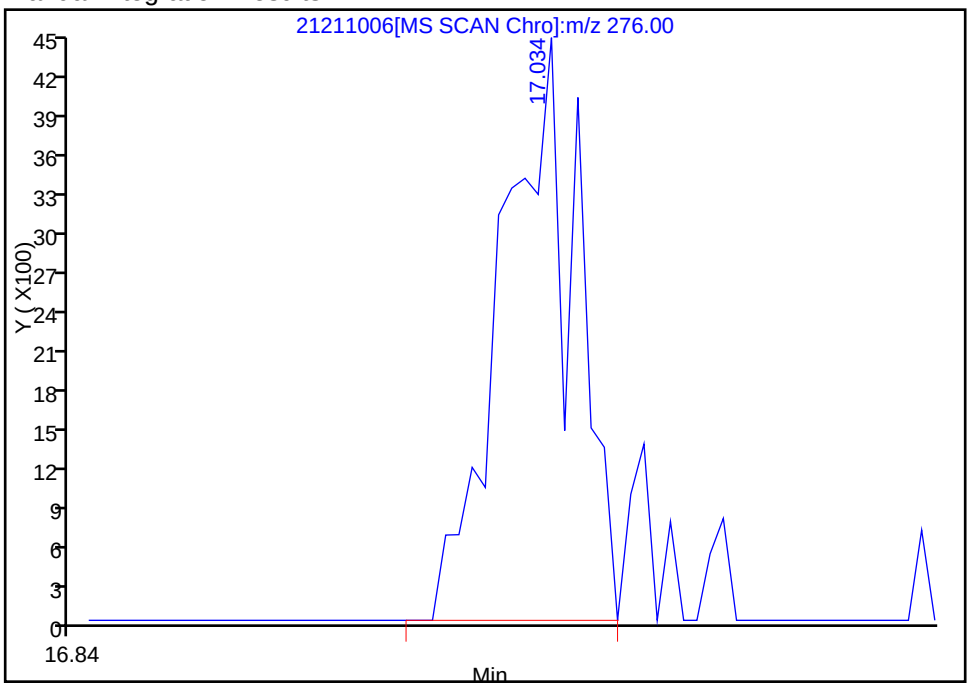
Not Detected
Expected RT: 17.03

Processing Integration Results



Manual Integration Results

RT: 17.03
Response: 9341
Amount: 0.088742



Reviewer: ulmanm, 11-Dec-2012 14:44:01
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211007.D		
Lims ID:	std9 tcl	Client ID:	
Inject. Date:	11-Dec-2012 14:14:30	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	9
Sample ID:	240-0015722-007		
Misc. Info.:	STD9 TCL =STD9 TCL		
Operator:	001574	Instrument ID:	A4HP9
Injection Vol:	1.0 ul	ALS Bottle#:	7
Lims Batch ID:	68161	Lims Sample ID:	7
Sublist:	chrom-8270 _9*sub13		
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\8270 _9.m		
Last Update:	12-Dec-2012 07:43:03	Calib Date:	11-Dec-2012 15:28:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK010		
First Level Reviewer: ulmanm		Date:	11-Dec-2012 14:52:25

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	6.101	6.098	0.002	87	123742	4.00	
* 2 Naphthalene-d8	136	7.206	7.209	-0.003	99	503418	4.00	
* 3 Acenaphthene-d10	164	8.707	8.705	0.002	67	307275	4.00	
* 4 Phenanthrene-d10	188	9.974	9.971	0.003	79	534048	4.00	
* 5 Chrysene-d12	240	12.629	12.626	0.003	79	562834	4.00	
* 6 Perylene-d12	264	14.792	14.790	0.002	88	429867	4.00	
$ 7 2-Fluorophenol	112	4.877	4.880	-0.003	94	1179046	26.1	
$ 8 Phenol-d5	99	5.737	5.735	0.002	0	1792514	27.3	
$ 9 Nitrobenzene-d5	82	6.581	6.579	0.002	81	2353558	27.6	
$ 10 2-Fluorobiphenyl (Surr)	172	8.114	8.112	0.002	99	3221128	27.2	
$ 11 2,4,6-Tribromophenol	330	9.375	9.373	0.002	73	272957	29.3	
$ 12 Terphenyl-d14	244	11.357	11.360	-0.003	95	3102944	27.4	
25 1,4-Dioxane	88	2.858	2.861	-0.003	85	553424	24.9	
26 N-Nitrosodimethylamine	74	3.328	3.336	-0.008	79	816059	24.9	
27 Pyridine	79	3.376	3.390	-0.014	91	1551743	26.4	
28 Ethyl methacrylate	69	3.932	3.929	0.003	83	1415315	26.1	
29 3-Chloropropionitrile	54	4.268	4.266	0.002	84	708656	29.4	
33 Malononitrile	66		4.673					
41 Benzaldehyde	77		5.714					
43 Phenol	94	5.748	5.746	0.002	91	2000970	26.8	
44 Aniline	93	5.801	5.799	0.002	97	2500743	27.6	
69 Bis(2-chloroethyl)ether	93	5.855	5.853	0.002	97	1852534	27.0	
46 2-Chlorophenol	128	5.914	5.906	0.008	93	1099195	26.2	
47 1,3-Dichlorobenzene	146	6.052	6.050	0.002	83	1455448	26.4	
48 1,4-Dichlorobenzene	146	6.117	6.114	0.003	80	1234992	26.5	
49 Benzyl alcohol	108	6.207	6.200	0.007	83	859750	26.6	
50 1,2-Dichlorobenzene	146	6.250	6.253	-0.003	78	1402338	26.6	
51 2-Methylphenol	108	6.287	6.285	0.002	95	1281539	27.3	
53 2,2'-oxybis[1-chloropropane]	45	6.325	6.323	0.002	96	1791925	26.5	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
21 3 & 4 Methylphenol	108	6.416	6.413	0.003	90	1376050	27.4	
57 N-Nitrosodi-n-propylamine	70	6.437	6.429	0.008	68	1372397	27.5	
58 Acetophenone	105	6.442	6.440	0.002	85	2033933	27.0	
61 Hexachloroethane	117	6.555	6.552	0.003	91	623090	25.9	
62 Nitrobenzene	77	6.597	6.595	0.002	75	2525637	27.7	
64 Isophorone	82	6.800	6.793	0.007	94	3830714	28.8	
66 2-Nitrophenol	139	6.870	6.868	0.002	86	609008	27.8	
67 1,3,5-Trichlorobenzene	180	6.880	6.878	0.002	84	1266563	26.0	
65 2,4-Dimethylphenol	107	6.880	6.878	0.002	96	1591349	27.8	
71 Benzoic acid	122	6.966	6.916	0.050	73	1524116	49.3	
70 Bis(2-chloroethoxy)methane	93	6.966	6.964	0.002	98	2373727	27.1	
73 2,4-Dichlorophenol	162	7.067	7.071	-0.004	91	913439	27.4	
74 1,2,4-Trichlorobenzene	180	7.153	7.151	0.002	81	1257772	26.4	
75 Naphthalene	128	7.228	7.225	0.003	98	3572537	27.8	
76 4-Chloroaniline	127	7.254	7.252	0.002	79	1432034	27.5	
79 Hexachlorobutadiene	225	7.319	7.322	-0.004	86	680642	26.1	
80 1,2,3-Trichlorobenzene	180	7.345	7.343	0.002	83	1167052	0	
84 Caprolactam	113	7.554	7.530	0.024	80	340052	26.1	
86 4-Chloro-3-methylphenol	107	7.644	7.637	0.007	82	1379075	28.0	
87 2-Methylnaphthalene	142	7.815	7.813	0.002	87	2335674	27.1	
88 1-Methylnaphthalene	142	7.901	7.899	0.002	80	2224798	28.1	
89 Hexachlorocyclopentadiene	237	7.944	7.941	0.003	69	845307	29.0	
90 1,2,3,5-Tetrachlorobenzene	216	7.944	7.941	0.003	82	1247828	26.9	
92 2,4,6-Trichlorophenol	196	8.040	8.037	0.003	85	686078	27.1	
93 2,4,5-Trichlorophenol	196	8.072	8.070	0.002	92	757302	28.1	
97 2,4-Toluene diamine	121	8.189	8.182	0.007	97	580863	25.1	
99 1,2,3,4 -Tetrachlorobenzene	216	8.200	8.198	0.002	83	1202556	0	
98 1,1'-Biphenyl	154	8.205	8.203	0.002	95	2977344	28.3	
100 2-Chloronaphthalene	162	8.232	8.230	0.002	97	2664441	28.0	
102 2-Nitroaniline	65	8.301	8.299	0.002	70	1016603	28.1	
105 Dimethyl phthalate	163	8.440	8.438	0.002	93	2561759	27.8	
107 2,6-Dinitrotoluene	165	8.499	8.497	0.002	79	682793	25.0	
108 1,2-Dinitrobenzene	168	8.553	8.545	0.008	81	325727	25.0	
109 Acenaphthylene	152	8.590	8.588	0.002	90	3885833	29.0	
110 3-Nitroaniline	138	8.649	8.646	0.003	86	632739	29.4	
112 Acenaphthene	153	8.734	8.732	0.002	86	2346634	27.2	
111 2,4-Dinitrophenol	184	8.734	8.732	0.002	68	830121	50.1	
113 4-Nitrophenol	109	8.756	8.748	0.008	82	463773	27.2	
114 2,4-Dinitrotoluene	165	8.841	8.839	0.002	77	904735	28.7	
116 Dibenzofuran	168	8.878	8.876	0.002	85	3318150	28.2	
118 2,3,5,6-Tetrachlorophenol	232	8.932	8.935	-0.003	81	622582	28.1	
121 Diethyl phthalate	149	9.033	9.031	0.002	95	2634063	28.6	
123 4-Chlorophenyl phenyl ether	204	9.151	9.154	-0.003	92	1538113	27.3	
125 4-Nitroaniline	138	9.172	9.165	0.007	62	690574	25.0	
126 Fluorene	166	9.172	9.170	0.002	61	2729508	27.6	
128 4,6-Dinitro-2-methylphenol	198	9.188	9.186	0.002	75	490522	24.6	
131 N-Nitrosodiphenylamine	169	9.247	9.245	0.002	94	2019156	28.5	
132 1,2-Diphenylhydrazine	77	9.290	9.288	0.002	99	5070656	29.7	
133 Azobenzene	77	9.290	9.288	0.002	92	5069760	29.6	
139 4-Bromophenyl phenyl ether	248	9.573	9.571	0.002	66	793160	27.0	
141 Hexachlorobenzene	284	9.637	9.640	-0.003	78	751281	25.9	
142 Atrazine	200	9.680	9.677	0.003	83	506527	24.2	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
143 Pentachlorophenol	266	9.797	9.795	0.002	80	1001762	49.5	
148 Phenanthrene	178	9.995	9.993	0.002	81	4108198	28.1	
149 Anthracene	178	10.038	10.035	0.003	83	4272971	30.3	
151 Carbazole	167	10.161	10.158	0.003	82	3843842	28.9	
154 Di-n-butyl phthalate	149	10.412	10.409	0.003	100	4963359	30.1	
159 Fluoranthene	202	11.021	11.018	0.003	77	4633268	29.7	
160 Benzidine	184	11.117	11.115	0.002	88	1954118	24.6	
161 Pyrene	202	11.245	11.243	0.002	73	4733383	28.0	
168 Butyl benzyl phthalate	149	11.859	11.857	0.002	88	1996923	28.3	
172 3,3'-Dimethoxybenzidine	244	12.500	12.498	0.002	83	1096628	24.8	
175 3,3'-Dichlorobenzidine	252	12.548	12.546	0.002	71	1508804	28.6	
174 4,4'-Methylene bis(2-chloroanili	231	12.548	12.546	0.002	70	782606	27.5	
173 Bis(2-ethylhexyl) phthalate	149	12.564	12.568	-0.004	96	2939989	28.8	
177 Benzo[a]anthracene	228	12.613	12.610	0.003	82	4220814	27.1	
178 Chrysene	228	12.666	12.658	0.008	86	3940410	27.4	
180 Di-n-octyl phthalate	149	13.515	13.518	-0.003	99	5092779	24.8	
182 Benzo[b]fluoranthene	252	14.189	14.181	0.007	81	3710480	27.8	
183 Benzo[k]fluoranthene	252	14.231	14.229	0.002	83	3858998	29.2	
184 Benzo[a]pyrene	252	14.712	14.704	0.008	76	3596128	30.1	
188 Indeno[1,2,3-cd]pyrene	276	16.555	16.542	0.013	76	3788202	28.7	
189 Dibenz(a,h)anthracene	278	16.582	16.574	0.008	68	3176199	28.6	
190 Benzo[g,h,i]perylene	276	17.052	17.034	0.018	74	3133030	28.7	
S 191 Methyl Phenols,Total	100				0		54.7	

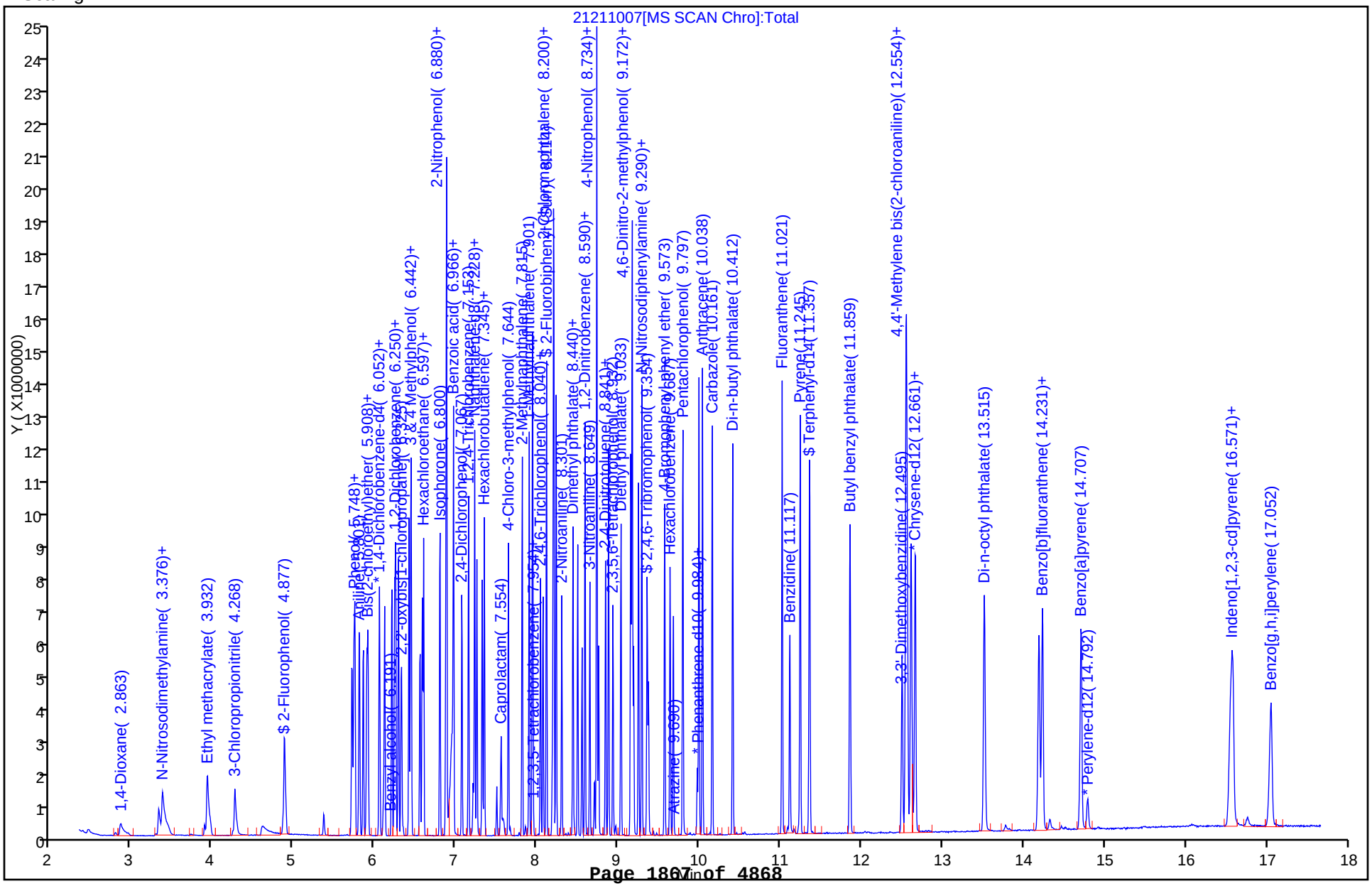
Report Date: 12-Dec-2012 07:43:03 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211007.D

Injection Date:	11-Dec-2012 14:14:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68161	Lims Sample ID:	7
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211008.D		
Lims ID:	std8 tcl	Client ID:	
Inject. Date:	11-Dec-2012 14:38:30	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	8
Sample ID:	240-0015722-008		
Misc. Info.:	STD8 TCL =STD8 TCL		
Operator:	001574	Instrument ID:	A4HP9
Injection Vol:	1.0 ul	ALS Bottle#:	8
Lims Batch ID:	68161	Lims Sample ID:	8
Sublist:	chrom-8270 _9*sub13		
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\8270 _9.m		
Last Update:	12-Dec-2012 07:43:05	Calib Date:	11-Dec-2012 15:28:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK010		
First Level Reviewer: ulmanm		Date:	11-Dec-2012 15:14:50

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	6.100	6.098	0.002	84	127811	4.00	
* 2 Naphthalene-d8	136	7.206	7.209	-0.003	98	508599	4.00	
* 3 Acenaphthene-d10	164	8.707	8.705	0.002	70	321749	4.00	
* 4 Phenanthrene-d10	188	9.973	9.971	0.002	72	533693	4.00	
* 5 Chrysene-d12	240	12.628	12.626	0.002	79	556815	4.00	
* 6 Perylene-d12	264	14.792	14.790	0.002	90	426243	4.00	
$ 7 2-Fluorophenol	112	4.877	4.880	-0.003	93	978154	20.9	
$ 8 Phenol-d5	99	5.737	5.735	0.002	0	1477705	21.8	
$ 9 Nitrobenzene-d5	82	6.581	6.579	0.002	83	1925197	22.3	
$ 10 2-Fluorobiphenyl (Surr)	172	8.114	8.112	0.002	99	2617805	21.1	
$ 11 2,4,6-Tribromophenol	330	9.375	9.373	0.002	74	218875	22.5	
$ 12 Terphenyl-d14	244	11.357	11.360	-0.003	96	2509758	22.4	
25 1,4-Dioxane	88	2.863	2.861	0.002	91	458315	20.2	
26 N-Nitrosodimethylamine	74	3.333	3.336	-0.003	81	657944	20.0	
27 Pyridine	79	3.376	3.390	-0.014	90	1284276	21.2	
28 Ethyl methacrylate	69	3.926	3.929	-0.003	83	1162287	20.7	
29 3-Chloropropionitrile	54	4.268	4.266	0.002	86	580980	23.3	
33 Malononitrile	66		4.673					
41 Benzaldehyde	77	5.710	5.714	-0.004	81	1227831	18.0	
43 Phenol	94	5.748	5.746	0.002	92	1647157	21.3	
44 Aniline	93	5.801	5.799	0.002	94	2049399	21.9	
69 Bis(2-chloroethyl)ether	93	5.849	5.853	-0.004	96	1539469	21.7	
46 2-Chlorophenol	128	5.913	5.906	0.007	91	928768	21.4	
47 1,3-Dichlorobenzene	146	6.052	6.050	0.002	87	1184515	20.8	
48 1,4-Dichlorobenzene	146	6.116	6.114	0.002	80	1000125	20.8	
49 Benzyl alcohol	108	6.207	6.200	0.007	84	706891	21.2	
50 1,2-Dichlorobenzene	146	6.250	6.253	-0.003	80	1143161	21.0	
51 2-Methylphenol	108	6.287	6.285	0.002	94	1048528	21.7	
53 2,2'-oxybis[1-chloropropane]	45	6.325	6.323	0.002	95	1509426	21.6	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
21 3 & 4 Methylphenol	108	6.416	6.413	0.003	90	1098673	21.2	
57 N-Nitrosodi-n-propylamine	70	6.437	6.429	0.008	66	1122606	21.8	
58 Acetophenone	105	6.442	6.440	0.002	89	1686346	21.7	
61 Hexachloroethane	117	6.554	6.552	0.002	92	507685	20.4	
62 Nitrobenzene	77	6.597	6.595	0.002	73	2051757	22.3	
64 Isophorone	82	6.800	6.793	0.007	94	3092269	23.0	
66 2-Nitrophenol	139	6.870	6.868	0.002	84	500802	22.7	
67 1,3,5-Trichlorobenzene	180	6.880	6.878	0.002	84	1015294	20.6	
65 2,4-Dimethylphenol	107	6.880	6.878	0.002	96	1261428	21.8	
71 Benzoic acid	122	6.960	6.916	0.044	70	1275826	41.8	
70 Bis(2-chloroethoxy)methane	93	6.966	6.964	0.002	94	1937224	21.9	
73 2,4-Dichlorophenol	162	7.067	7.071	-0.004	92	738693	21.9	
74 1,2,4-Trichlorobenzene	180	7.153	7.151	0.002	79	1038989	21.6	
75 Naphthalene	128	7.228	7.225	0.003	81	2835774	21.9	
76 4-Chloroaniline	127	7.254	7.252	0.002	79	1163510	22.1	
79 Hexachlorobutadiene	225	7.318	7.322	-0.004	87	546069	20.7	
80 1,2,3-Trichlorobenzene	180	7.345	7.343	0.002	85	963223	0	
84 Caprolactam	113	7.548	7.530	0.018	85	291378	22.2	
86 4-Chloro-3-methylphenol	107	7.644	7.637	0.007	82	1107932	22.2	
87 2-Methylnaphthalene	142	7.815	7.813	0.002	86	1891905	21.7	
88 1-Methylnaphthalene	142	7.901	7.899	0.002	80	1801529	22.5	
89 Hexachlorocyclopentadiene	237	7.943	7.941	0.002	72	669022	21.9	
90 1,2,3,5-Tetrachlorobenzene	216	7.943	7.941	0.002	82	1026928	21.1	
92 2,4,6-Trichlorophenol	196	8.040	8.037	0.003	89	557997	21.0	
93 2,4,5-Trichlorophenol	196	8.072	8.070	0.002	90	617878	21.9	
97 2,4-Toluene diamine	121	8.184	8.182	0.002	96	464309	19.8	
99 1,2,3,4 -Tetrachlorobenzene	216	8.200	8.198	0.002	82	979600	0	
98 1,1'-Biphenyl	154	8.205	8.203	0.002	95	2362627	21.4	
100 2-Chloronaphthalene	162	8.232	8.230	0.002	96	2161164	21.7	
102 2-Nitroaniline	65	8.301	8.299	0.002	73	822804	21.8	
105 Dimethyl phthalate	163	8.440	8.438	0.002	94	2077643	21.6	
107 2,6-Dinitrotoluene	165	8.499	8.497	0.002	77	547562	19.8	
108 1,2-Dinitrobenzene	168	8.552	8.545	0.007	81	267952	19.9	
109 Acenaphthylene	152	8.590	8.588	0.002	87	3135207	22.4	
110 3-Nitroaniline	138	8.649	8.646	0.003	85	510169	22.6	
112 Acenaphthene	153	8.734	8.732	0.002	87	1876230	20.8	
111 2,4-Dinitrophenol	184	8.734	8.732	0.002	69	660638	39.6	
113 4-Nitrophenol	109	8.755	8.748	0.007	84	369994	20.7	
114 2,4-Dinitrotoluene	165	8.841	8.839	0.002	78	740818	22.5	
116 Dibenzofuran	168	8.878	8.876	0.002	86	2654718	21.6	
118 2,3,5,6-Tetrachlorophenol	232	8.932	8.935	-0.003	85	504090	21.8	
121 Diethyl phthalate	149	9.033	9.031	0.002	95	2077865	21.6	
123 4-Chlorophenyl phenyl ether	204	9.151	9.154	-0.003	93	1234824	20.9	
125 4-Nitroaniline	138	9.167	9.165	0.002	77	552531	19.9	
126 Fluorene	166	9.172	9.170	0.002	70	2178953	21.0	
128 4,6-Dinitro-2-methylphenol	198	9.188	9.186	0.002	75	404618	20.7	
131 N-Nitrosodiphenylamine	169	9.247	9.245	0.002	94	1591697	22.5	
132 1,2-Diphenylhydrazine	77	9.290	9.288	0.002	99	4049748	23.7	
133 Azobenzene	77	9.290	9.288	0.002	92	4049362	23.7	
139 4-Bromophenyl phenyl ether	248	9.573	9.571	0.002	67	644995	22.0	
141 Hexachlorobenzene	284	9.637	9.640	-0.003	76	605405	20.9	
142 Atrazine	200	9.680	9.677	0.003	82	426532	20.4	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
143 Pentachlorophenol	266	9.797	9.795	0.002	79	814927	41.1	
148 Phenanthrene	178	9.995	9.993	0.002	83	3139152	21.5	
149 Anthracene	178	10.038	10.035	0.003	83	3333456	23.7	
151 Carbazole	167	10.160	10.158	0.002	82	3033830	22.8	
154 Di-n-butyl phthalate	149	10.412	10.409	0.003	100	3904400	23.7	
159 Fluoranthene	202	11.021	11.018	0.003	77	3606895	23.1	
160 Benzidine	184	11.117	11.115	0.002	88	1606415	20.7	
161 Pyrene	202	11.245	11.243	0.002	72	3775507	22.6	
168 Butyl benzyl phthalate	149	11.859	11.857	0.002	87	1601617	22.9	
172 3,3'-Dimethoxybenzidine	244	12.500	12.498	0.002	84	843074	20.4	
175 3,3'-Dichlorobenzidine	252	12.548	12.546	0.002	74	1221257	23.4	
174 4,4'-Methylene bis(2-chloroanili	231	12.548	12.546	0.002	72	643044	22.9	
173 Bis(2-ethylhexyl) phthalate	149	12.564	12.568	-0.004	95	2304916	22.9	
177 Benzo[a]anthracene	228	12.612	12.610	0.002	83	3344268	21.7	
178 Chrysene	228	12.666	12.658	0.008	83	3115866	21.9	
180 Di-n-octyl phthalate	149	13.515	13.518	-0.003	99	3970919	20.4	
182 Benzo[b]fluoranthene	252	14.188	14.181	0.007	81	2899706	21.9	
183 Benzo[k]fluoranthene	252	14.231	14.229	0.002	88	3072836	23.4	
184 Benzo[a]pyrene	252	14.707	14.704	0.003	76	2792378	23.5	
188 Indeno[1,2,3-cd]pyrene	276	16.550	16.542	0.008	85	2965877	22.7	
189 Dibenz(a,h)anthracene	278	16.576	16.574	0.002	57	2477247	22.5	
190 Benzo[g,h,i]perylene	276	17.052	17.034	0.018	77	2421768	22.4	
S 191 Methyl Phenols,Total	100				0		42.8	

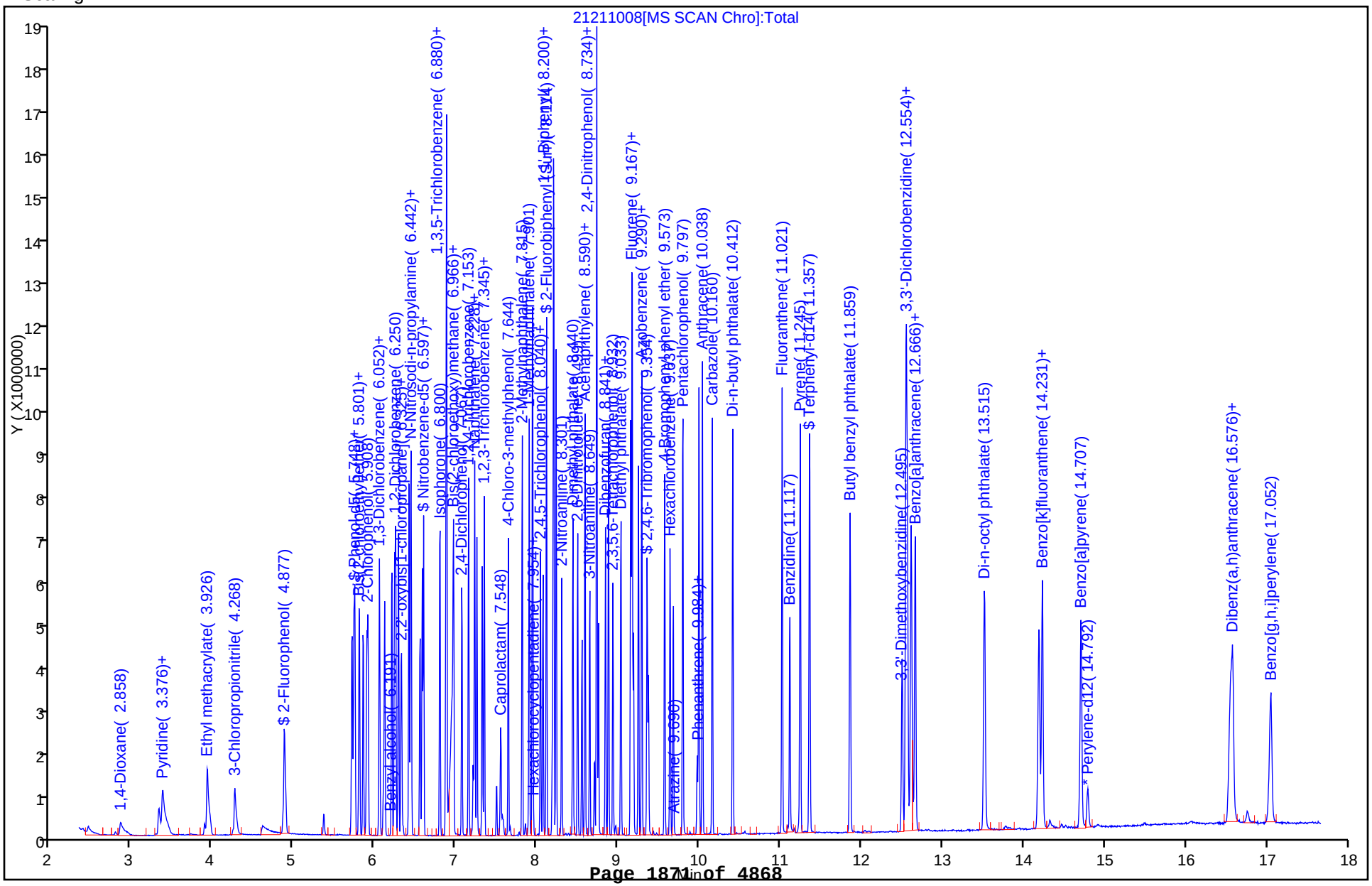
Report Date: 12-Dec-2012 07:43:05 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211008.D

Injection Date:	11-Dec-2012 14:38:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68161	Lims Sample ID:	8
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211009.D		
Lims ID:	std7 tcl	Client ID:	
Inject. Date:	11-Dec-2012 15:03:30	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	7
Sample ID:	240-0015722-009		
Misc. Info.:	STD7 TCL =STD7 TCL		
Operator:	001574	Instrument ID:	A4HP9
Injection Vol:	1.0 ul	ALS Bottle#:	9
Lims Batch ID:	68161	Lims Sample ID:	9
Sublist:	chrom-8270 _9*sub13		
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\8270 _9.m		
Last Update:	12-Dec-2012 07:43:06	Calib Date:	11-Dec-2012 15:28:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK010		
First Level Reviewer: ulmanm		Date:	11-Dec-2012 15:58:59

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	6.098	6.098	0.0	87	138601	4.00	
* 2 Naphthalene-d8	136	7.209	7.209	0.0	99	563452	4.00	
* 3 Acenaphthene-d10	164	8.705	8.705	0.0	68	327406	4.00	
* 4 Phenanthrene-d10	188	9.971	9.971	0.0	81	582312	4.00	
* 5 Chrysene-d12	240	12.626	12.626	0.0	79	594056	4.00	
* 6 Perylene-d12	264	14.790	14.790	0.0	90	472513	4.00	
$ 7 2-Fluorophenol	112	4.880	4.880	0.0	94	764427	15.1	
$ 8 Phenol-d5	99	5.735	5.735	0.0	0	1138866	15.5	
$ 9 Nitrobenzene-d5	82	6.579	6.579	0.0	84	1480900	15.5	
$ 10 2-Fluorobiphenyl (Surr)	172	8.112	8.112	0.0	95	1980163	15.7	
$ 11 2,4,6-Tribromophenol	330	9.373	9.373	0.0	68	166287	16.8	
$ 12 Terphenyl-d14	244	11.360	11.360	0.0	96	1892267	15.9	
25 1,4-Dioxane	88	2.861	2.861	0.0	87	358672	14.8	
26 N-Nitrosodimethylamine	74	3.326	3.336	-0.010	81	520500	15.1	
27 Pyridine	79	3.379	3.390	-0.011	89	1014119	15.4	
28 Ethyl methacrylate	69	3.929	3.929	0.0	82	910259	15.0	
29 3-Chloropropionitrile	54	4.266	4.266	0.0	86	435823	16.1	
33 Malononitrile	66		4.673					
41 Benzaldehyde	77	5.714	5.714	0.0	88	1048580	14.2	
43 Phenol	94	5.746	5.746	0.0	91	1272720	15.2	
44 Aniline	93	5.804	5.799	0.005	97	1585428	15.6	
69 Bis(2-chloroethyl)ether	93	5.852	5.853	-0.001	97	1178628	15.3	
46 2-Chlorophenol	128	5.911	5.906	0.005	91	715662	15.2	
47 1,3-Dichlorobenzene	146	6.050	6.050	0.0	84	922931	14.9	
48 1,4-Dichlorobenzene	146	6.114	6.114	0.0	78	770872	14.7	
49 Benzyl alcohol	108	6.205	6.200	0.005	83	559701	15.4	
50 1,2-Dichlorobenzene	146	6.253	6.253	0.0	83	885079	15.0	
51 2-Methylphenol	108	6.285	6.285	0.0	95	808049	15.4	
53 2,2'-oxybis[1-chloropropane]	45	6.323	6.323	0.0	95	1151306	15.2	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
21 3 & 4 Methylphenol	108	6.413	6.413	0.0	90	873978	15.5	
57 N-Nitrosodi-n-propylamine	70	6.435	6.429	0.006	69	871860	15.6	
58 Acetophenone	105	6.440	6.440	0.0	87	1293928	15.4	
61 Hexachloroethane	117	6.552	6.552	0.0	90	399460	14.8	
62 Nitrobenzene	77	6.595	6.595	0.0	76	1573850	15.4	
64 Isophorone	82	6.798	6.793	0.005	94	2336821	15.7	
66 2-Nitrophenol	139	6.873	6.868	0.005	83	380548	15.5	
67 1,3,5-Trichlorobenzene	180	6.883	6.878	0.005	87	796270	14.6	
65 2,4-Dimethylphenol	107	6.878	6.878	0.0	96	974254	15.2	
71 Benzoic acid	122	6.948	6.916	0.032	79	933598	28.9	
70 Bis(2-chloroethoxy)methane	93	6.964	6.964	0.0	93	1510060	15.4	
73 2,4-Dichlorophenol	162	7.070	7.071	-0.001	92	567586	15.2	
74 1,2,4-Trichlorobenzene	180	7.151	7.151	0.0	82	792437	14.8	
75 Naphthalene	128	7.225	7.225	0.0	98	2143944	14.9	
76 4-Chloroaniline	127	7.252	7.252	0.0	79	885540	15.2	
79 Hexachlorobutadiene	225	7.322	7.322	0.0	87	424798	14.5	
80 1,2,3-Trichlorobenzene	180	7.343	7.343	0.0	84	728136	0	
84 Caprolactam	113	7.546	7.530	0.016	84	221008	15.2	
86 4-Chloro-3-methylphenol	107	7.642	7.637	0.005	81	845103	15.3	
87 2-Methylnaphthalene	142	7.813	7.813	0.0	85	1429249	14.8	
88 1-Methylnaphthalene	142	7.898	7.899	-0.001	79	1382806	15.6	
89 Hexachlorocyclopentadiene	237	7.941	7.941	0.0	67	520515	16.7	
90 1,2,3,5-Tetrachlorobenzene	216	7.941	7.941	0.0	83	794289	16.1	
92 2,4,6-Trichlorophenol	196	8.037	8.037	0.0	88	433672	16.1	
93 2,4,5-Trichlorophenol	196	8.069	8.070	-0.001	89	455842	15.9	
97 2,4-Toluene diamine	121	8.182	8.182	0.0	95	384486	14.7	
99 1,2,3,4 -Tetrachlorobenzene	216	8.198	8.198	0.0	83	771009	0	
98 1,1'-Biphenyl	154	8.203	8.203	0.0	95	1791869	16.0	
100 2-Chloronaphthalene	162	8.230	8.230	0.0	97	1632869	16.1	
102 2-Nitroaniline	65	8.299	8.299	0.0	71	631536	16.4	
105 Dimethyl phthalate	163	8.438	8.438	0.0	93	1573880	16.0	
107 2,6-Dinitrotoluene	165	8.497	8.497	0.0	76	426261	15.6	
108 1,2-Dinitrobenzene	168	8.550	8.545	0.005	81	208673	15.5	
109 Acenaphthylene	152	8.588	8.588	0.0	87	2358982	16.5	
110 3-Nitroaniline	138	8.646	8.646	0.0	85	401871	17.5	
112 Acenaphthene	153	8.732	8.732	0.0	86	1433257	15.6	
111 2,4-Dinitrophenol	184	8.732	8.732	0.0	71	495431	30.3	
113 4-Nitrophenol	109	8.753	8.748	0.005	80	292330	16.1	
114 2,4-Dinitrotoluene	165	8.839	8.839	0.0	78	567878	16.9	
116 Dibenzofuran	168	8.876	8.876	0.0	86	1969449	15.7	
118 2,3,5,6-Tetrachlorophenol	232	8.930	8.935	-0.005	84	387614	16.4	
121 Diethyl phthalate	149	9.031	9.031	0.0	95	1570846	16.0	
123 4-Chlorophenyl phenyl ether	204	9.154	9.154	0.0	93	950329	15.8	
125 4-Nitroaniline	138	9.165	9.165	0.0	76	414924	15.2	
126 Fluorene	166	9.170	9.170	0.0	69	1656872	15.7	
128 4,6-Dinitro-2-methylphenol	198	9.186	9.186	0.0	74	307648	15.0	
131 N-Nitrosodiphenylamine	169	9.245	9.245	0.0	94	1244234	16.1	
132 1,2-Diphenylhydrazine	77	9.287	9.288	-0.001	100	3031687	16.3	
133 Azobenzene	77	9.287	9.288	-0.001	93	3032612	16.3	
139 4-Bromophenyl phenyl ether	248	9.571	9.571	0.0	70	483496	15.1	
141 Hexachlorobenzene	284	9.640	9.640	0.0	78	475850	15.1	
142 Atrazine	200	9.677	9.677	0.0	82	339774	14.9	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
143 Pentachlorophenol	266	9.795	9.795	0.0	77	624792	29.7	
148 Phenanthrene	178	9.993	9.993	0.0	83	2407184	15.1	
149 Anthracene	178	10.035	10.035	0.0	83	2580698	16.8	
151 Carbazole	167	10.158	10.158	0.0	79	2304421	15.9	
154 Di-n-butyl phthalate	149	10.409	10.409	0.0	100	2920706	16.3	
159 Fluoranthene	202	11.018	11.018	0.0	78	2709684	15.9	
160 Benzidine	184	11.114	11.115	-0.001	87	1217581	15.1	
161 Pyrene	202	11.243	11.243	0.0	73	2804155	15.7	
168 Butyl benzyl phthalate	149	11.857	11.857	0.0	86	1208344	16.2	
172 3,3'-Dimethoxybenzidine	244	12.498	12.498	0.0	84	610583	14.9	
175 3,3'-Dichlorobenzidine	252	12.552	12.546	0.006	72	927359	16.6	
174 4,4'-Methylene bis(2-chloroanili	231	12.546	12.546	0.0	74	487987	16.3	
173 Bis(2-ethylhexyl) phthalate	149	12.562	12.568	-0.006	95	1771277	16.5	
177 Benzo[a]anthracene	228	12.610	12.610	0.0	82	2566611	15.6	
178 Chrysene	228	12.664	12.658	0.006	83	2372161	15.6	
180 Di-n-octyl phthalate	149	13.513	13.518	-0.005	100	2988206	14.8	
182 Benzo[b]fluoranthene	252	14.186	14.181	0.005	80	2263119	15.4	
183 Benzo[k]fluoranthene	252	14.229	14.229	0.0	84	2311238	15.9	
184 Benzo[a]pyrene	252	14.704	14.704	0.0	77	2149554	16.3	
188 Indeno[1,2,3-cd]pyrene	276	16.547	16.542	0.005	74	2229133	15.4	
189 Dibenz(a,h)anthracene	278	16.569	16.574	-0.005	74	1901201	15.6	
190 Benzo[g,h,i]perylene	276	17.050	17.034	0.016	78	1876236	15.6	
S 191 Methyl Phenols,Total	100				0		30.9	

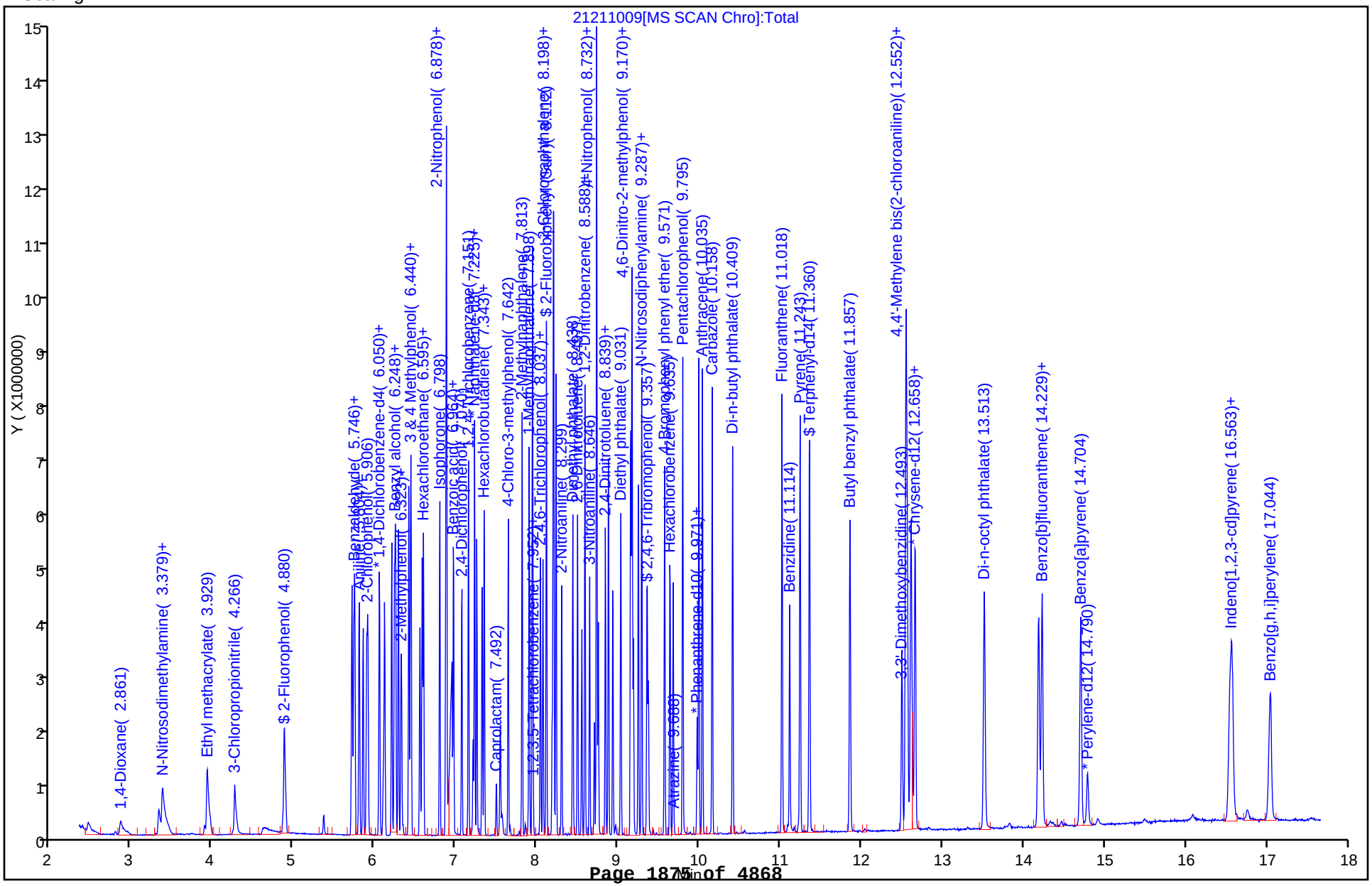
Report Date: 12-Dec-2012 07:43:06 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211009.D

Injection Date:	11-Dec-2012 15:03:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68161	Lims Sample ID:	9
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211010.D		
Lims ID:	std6 tcl	Client ID:	
Inject. Date:	11-Dec-2012 15:28:30	Dil. Factor:	1.0000
Sample Type:	ICIS	Calib Level:	6
Sample ID:	240-0015722-010		
Misc. Info.:	STD6 TCL =STD6 TCL		
Operator:	001574	Instrument ID:	A4HP9
Injection Vol:	1.0 ul	ALS Bottle#:	10
Lims Batch ID:	68161	Lims Sample ID:	10
Sublist:	chrom-8270 _9*sub13		
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\8270 _9.m		
Last Update:	12-Dec-2012 07:43:08	Calib Date:	11-Dec-2012 15:28:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK010		
First Level Reviewer: ulmanm		Date:	11-Dec-2012 16:08:50

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	6.099	6.099	0.0	87	126374	4.00	
* 2 Naphthalene-d8	136	7.205	7.205	0.0	99	521726	4.00	
* 3 Acenaphthene-d10	164	8.706	8.706	0.0	79	321083	4.00	
* 4 Phenanthrene-d10	188	9.972	9.972	0.0	80	553057	4.00	
* 5 Chrysene-d12	240	12.622	12.622	0.0	77	558818	4.00	
* 6 Perylene-d12	264	14.791	14.791	0.0	78	422603	4.00	
$ 7 2-Fluorophenol	112	4.881	4.881	0.0	92	472056	10.2	
$ 8 Phenol-d5	99	5.736	5.736	0.0	0	692548	10.3	
$ 9 Nitrobenzene-d5	82	6.580	6.580	0.0	84	881073	9.96	
$ 10 2-Fluorobiphenyl (Surr)	172	8.113	8.113	0.0	95	1171298	9.47	
$ 11 2,4,6-Tribromophenol	330	9.369	9.369	0.0	69	107406	11.0	
$ 12 Terphenyl-d14	244	11.356	11.356	0.0	96	1123571	10.0	
25 1,4-Dioxane	88	2.862	2.862	0.0	83	227163	10.3	
26 N-Nitrosodimethylamine	74	3.332	3.332	0.0	71	311548	10.3	
27 Pyridine	79	3.385	3.385	0.0	94	624491	10.4	
28 Ethyl methacrylate	69	3.930	3.930	0.0	83	544607	9.83	
29 3-Chloropropionitrile	54	4.272	4.272	0.0	83	240800	9.79	
33 Malononitrile	66		4.673					
41 Benzaldehyde	77	5.715	5.715	0.0	82	693486	10.3	
43 Phenol	94	5.747	5.747	0.0	88	779057	10.2	
44 Aniline	93	5.800	5.800	0.0	94	949462	10.3	
69 Bis(2-chloroethyl)ether	93	5.848	5.848	0.0	94	715527	10.2	
46 2-Chlorophenol	128	5.907	5.907	0.0	89	458516	10.7	
47 1,3-Dichlorobenzene	146	6.051	6.051	0.0	83	573733	10.2	
48 1,4-Dichlorobenzene	146	6.115	6.115	0.0	81	478483	10.0	
49 Benzyl alcohol	108	6.206	6.206	0.0	87	343504	10.4	
50 1,2-Dichlorobenzene	146	6.254	6.254	0.0	87	539349	10.0	
51 2-Methylphenol	108	6.286	6.286	0.0	94	495251	10.3	
53 2,2'-oxybis[1-chloropropane]	45	6.324	6.324	0.0	95	703910	10.2	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
21 3 & 4 Methylphenol	108	6.414	6.414	0.0	90	515639	10.0	
57 N-Nitrosodi-n-propylamine	70	6.430	6.430	0.0	68	516851	10.1	
58 Acetophenone	105	6.441	6.441	0.0	82	787588	10.3	
61 Hexachloroethane	117	6.553	6.553	0.0	91	243857	9.92	
62 Nitrobenzene	77	6.596	6.596	0.0	73	949381	10.0	
64 Isophorone	82	6.794	6.794	0.0	94	1407115	10.2	
66 2-Nitrophenol	139	6.869	6.869	0.0	81	225658	9.95	
67 1,3,5-Trichlorobenzene	180	6.879	6.879	0.0	82	473055	9.38	
65 2,4-Dimethylphenol	107	6.879	6.879	0.0	96	616141	10.4	
71 Benzoic acid	122	6.933	6.933	0.0	83	572911	20.0	
70 Bis(2-chloroethoxy)methane	93	6.965	6.965	0.0	98	897333	9.90	
73 2,4-Dichlorophenol	162	7.066	7.066	0.0	90	358887	10.4	
74 1,2,4-Trichlorobenzene	180	7.152	7.152	0.0	81	481334	9.73	
75 Naphthalene	128	7.226	7.226	0.0	98	1315470	9.89	
76 4-Chloroaniline	127	7.253	7.253	0.0	79	539109	9.98	
79 Hexachlorobutadiene	225	7.317	7.317	0.0	86	266391	9.84	
80 1,2,3-Trichlorobenzene	180	7.344	7.344	0.0	82	451240	0	
84 Caprolactam	113	7.536	7.536	0.0	80	146875	10.9	
86 4-Chloro-3-methylphenol	107	7.643	7.643	0.0	81	513816	10.1	
87 2-Methylnaphthalene	142	7.814	7.814	0.0	84	866460	9.69	
88 1-Methylnaphthalene	142	7.900	7.900	0.0	81	825101	10.0	
89 Hexachlorocyclopentadiene	237	7.942	7.942	0.0	77	302126	9.90	
90 1,2,3,5-Tetrachlorobenzene	216	7.942	7.942	0.0	83	482625	9.96	
92 2,4,6-Trichlorophenol	196	8.038	8.038	0.0	85	265589	10.0	
93 2,4,5-Trichlorophenol	196	8.071	8.071	0.0	89	281598	10.0	
97 2,4-Toluene diamine	121	8.183	8.183	0.0	97	256321	10.5	
99 1,2,3,4 -Tetrachlorobenzene	216	8.199	8.199	0.0	79	470747	0	
98 1,1'-Biphenyl	154	8.204	8.204	0.0	95	1078606	9.81	
100 2-Chloronaphthalene	162	8.231	8.231	0.0	93	976740	9.83	
102 2-Nitroaniline	65	8.300	8.300	0.0	73	386671	10.2	
105 Dimethyl phthalate	163	8.439	8.439	0.0	95	944030	9.82	
107 2,6-Dinitrotoluene	165	8.498	8.498	0.0	76	251169	9.78	
108 1,2-Dinitrobenzene	168	8.546	8.546	0.0	80	123665	9.60	
109 Acenaphthylene	152	8.589	8.589	0.0	92	1393064	9.96	
110 3-Nitroaniline	138	8.647	8.647	0.0	87	234753	10.4	
112 Acenaphthene	153	8.733	8.733	0.0	89	872629	9.68	
111 2,4-Dinitrophenol	184	8.733	8.733	0.0	71	311316	20.4	
113 4-Nitrophenol	109	8.749	8.749	0.0	84	179979	10.1	
114 2,4-Dinitrotoluene	165	8.840	8.840	0.0	81	334055	10.2	
116 Dibenzofuran	168	8.877	8.877	0.0	85	1182151	9.63	
118 2,3,5,6-Tetrachlorophenol	232	8.931	8.931	0.0	82	227340	9.84	
121 Diethyl phthalate	149	9.032	9.032	0.0	95	954130	9.92	
123 4-Chlorophenyl phenyl ether	204	9.150	9.150	0.0	93	584162	9.91	
125 4-Nitroaniline	138	9.166	9.166	0.0	77	252007	9.88	
126 Fluorene	166	9.171	9.171	0.0	62	1006932	9.74	
128 4,6-Dinitro-2-methylphenol	198	9.187	9.187	0.0	73	175834	9.48	
131 N-Nitrosodiphenylamine	169	9.246	9.246	0.0	95	715229	9.75	
132 1,2-Diphenylhydrazine	77	9.289	9.289	0.0	100	1774323	10.0	
133 Azobenzene	77	9.289	9.289	0.0	94	1774258	10.0	
139 4-Bromophenyl phenyl ether	248	9.572	9.572	0.0	67	293263	9.64	
141 Hexachlorobenzene	284	9.636	9.636	0.0	77	288024	9.60	
142 Atrazine	200	9.678	9.678	0.0	84	227203	10.5	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
143 Pentachlorophenol	266	9.796	9.796	0.0	77	377807	19.5	
148 Phenanthrene	178	9.994	9.994	0.0	86	1433288	9.48	
149 Anthracene	178	10.036	10.036	0.0	82	1499368	10.3	
151 Carbazole	167	10.159	10.159	0.0	82	1347244	9.77	
154 Di-n-butyl phthalate	149	10.410	10.410	0.0	100	1677634	9.83	
159 Fluoranthene	202	11.019	11.019	0.0	78	1582756	9.78	
160 Benzidine	184	11.110	11.110	0.0	85	678226	9.32	
161 Pyrene	202	11.244	11.244	0.0	74	1691659	10.1	
168 Butyl benzyl phthalate	149	11.858	11.858	0.0	90	715901	10.2	
172 3,3'-Dimethoxybenzidine	244	12.494	12.494	0.0	79	341548	9.59	
175 3,3'-Dichlorobenzidine	252	12.542	12.542	0.0	75	542020	10.3	
174 4,4'-Methylene bis(2-chloroanili	231	12.542	12.542	0.0	65	296534	10.5	
173 Bis(2-ethylhexyl) phthalate	149	12.563	12.563	0.0	94	1056973	10.4	
177 Benzo[a]anthracene	228	12.606	12.606	0.0	82	1524683	9.85	
178 Chrysene	228	12.659	12.659	0.0	82	1404427	9.84	
180 Di-n-octyl phthalate	149	13.514	13.514	0.0	100	1666327	9.80	
182 Benzo[b]fluoranthene	252	14.182	14.182	0.0	82	1324716	10.1	
183 Benzo[k]fluoranthene	252	14.225	14.225	0.0	79	1373241	10.6	
184 Benzo[a]pyrene	252	14.700	14.700	0.0	79	1236369	10.5	
188 Indeno[1,2,3-cd]pyrene	276	16.543	16.543	0.0	78	1331518	10.3	
189 Dibenz(a,h)anthracene	278	16.570	16.570	0.0	67	1093326	10.0	
190 Benzo[g,h,i]perylene	276	17.035	17.035	0.0	76	1115126	10.4	
S 191 Methyl Phenols,Total	100				0		20.4	

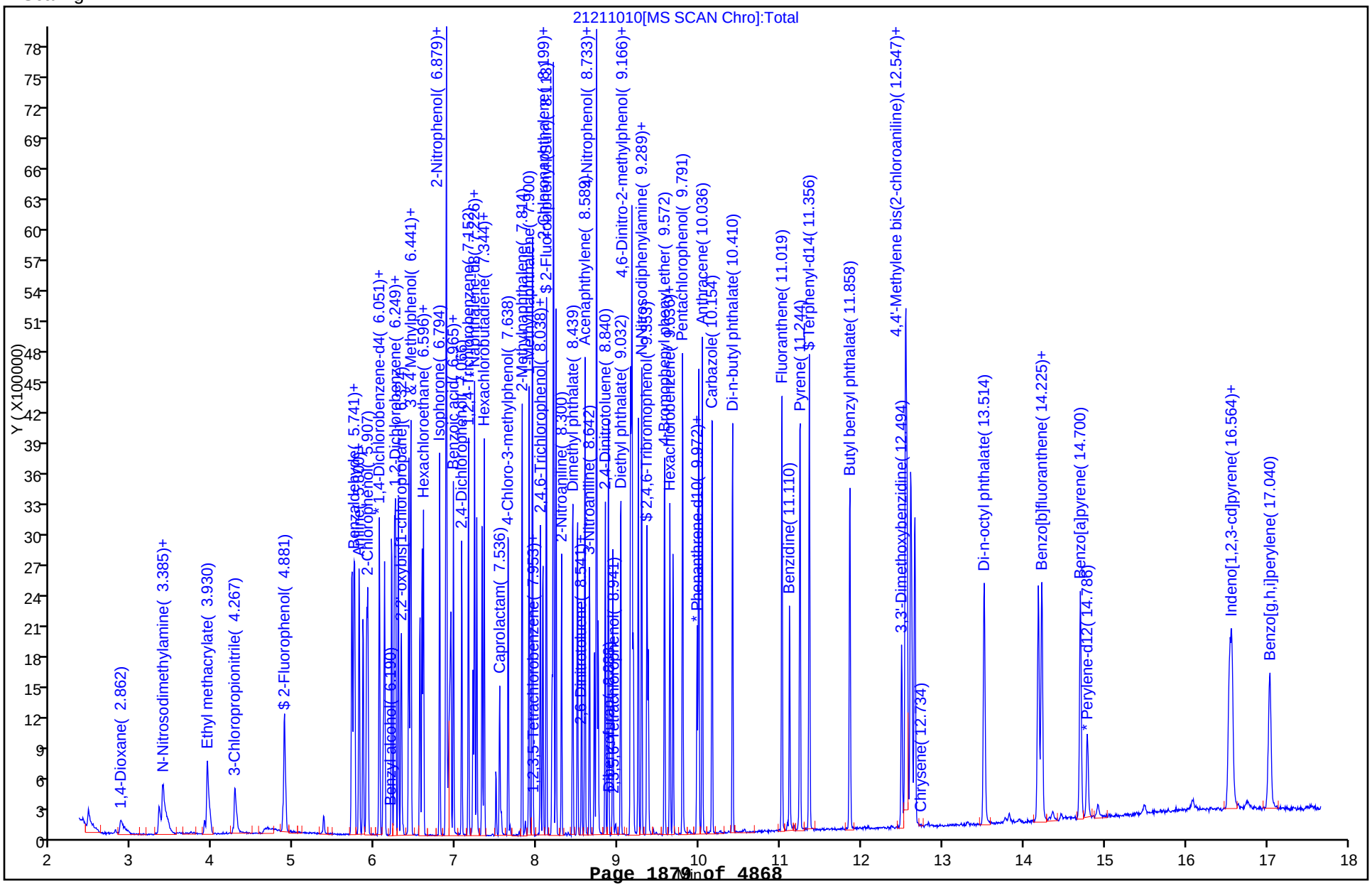
Report Date: 12-Dec-2012 07:43:08 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211010.D

Injection Date:	11-Dec-2012 15:28:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68161	Lims Sample ID:	10
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: CCV 240-65876/2 Calibration Date: 11/21/2012 11:41

Instrument ID: A4HP7 Calib Start Date: 11/07/2012 11:44

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 11/07/2012 14:51

Lab File ID: 21121002.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.4642	0.4507		9.71	10.0	-2.9	
N-Nitrosodimethylamine	Qua		0.8064		10.1	10.0	0.8	
Pyridine	Ave	1.330	1.411		10.6	10.0	6.1	
Benzaldehyde	Ave	1.043	1.004		9.63	10.0	-3.7	
Phenol	Ave	1.674	1.702		10.2	10.0	1.7	
Aniline	Ave	2.093	2.067		9.87	10.0	-1.3	
Bis(2-chloroethyl)ether	Ave	1.293	1.270		9.82	10.0	-1.8	
2-Chlorophenol	Ave	1.352	1.336		9.88	10.0	-1.2	
1,3-Dichlorobenzene	Ave	1.457	1.440		9.88	10.0	-1.2	
1,4-Dichlorobenzene	Ave	1.448	1.413		9.76	10.0	-2.4	
Benzyl alcohol	Ave	0.8332	0.8615		10.3	10.0	3.4	
1,2-Dichlorobenzene	Ave	1.380	1.365		9.89	10.0	-1.1	
2-Methylphenol	Ave	1.220	1.235		10.1	10.0	1.3	
3 & 4 Methylphenol	Ave	1.279	1.275		9.97	10.0	-0.3	
N-Nitrosodi-n-propylamine	Ave	0.9059	0.9210		10.2	10.0	1.7	
Acetophenone	Ave	1.808	1.783		9.86	10.0	-1.4	
Hexachloroethane	Ave	0.5884	0.5615		9.54	10.0	-4.6	
Nitrobenzene	Ave	0.3635	0.3735		10.3	10.0	2.8	
Isophorone	Ave	0.6380	0.6564		10.3	10.0	2.9	
2-Nitrophenol	Ave	0.1710	0.1798		10.5	10.0	5.1	
2,4-Dimethylphenol	Ave	0.3362	0.3509		10.4	10.0	4.4	
Benzoic acid	Qua		0.2077		18.8	20.0	-6.2	
Bis(2-chloroethoxy)methane	Ave	0.4052	0.3966		9.79	10.0	-2.1	
2,4-Dichlorophenol	Ave	0.2657	0.2759		10.4	10.0	3.8	
1,2,4-Trichlorobenzene	Ave	0.3169	0.3183		10.0	10.0	0.4	
Naphthalene	Ave	0.999	0.9840		9.84	10.0	-1.6	
Hexachlorobutadiene	Ave	0.1716	0.1750		10.2	10.0	1.9	
Caprolactam	Qua		0.0977		9.66	10.0	-3.4	
4-Chloro-3-methylphenol	Ave	0.2854	0.2947		10.3	10.0	3.3	
2-Methylnaphthalene	Ave	0.6393	0.6406		10.0	10.0	0.2	
Hexachlorocyclopentadiene	Ave	0.3241	0.3222		9.94	10.0	-0.6	
2,4,6-Trichlorophenol	Ave	0.3372	0.3444		10.2	10.0	2.1	
2,4,5-Trichlorophenol	Ave	0.3632	0.3706		10.2	10.0	2.0	
1,1'-Biphenyl	Ave	1.413	1.342		9.50	10.0	-5.0	
2-Chloronaphthalene	Ave	1.105	1.085		9.82	10.0	-1.8	
2-Nitroaniline	Ave	0.3242	0.3413		10.5	10.0	5.2	
Dimethyl phthalate	Ave	1.175	1.138		9.69	10.0	-3.1	
2,6-Dinitrotoluene	Qua		0.2690		9.98	10.0	-0.2	
Acenaphthylene	Ave	1.825	1.826		10.0	10.0	0.1	
3-Nitroaniline	Ave	0.2941	0.3131		10.6	10.0	6.5	
Acenaphthene	Ave	1.097	1.069		9.74	10.0	-2.6	

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: CCV 240-65876/2 Calibration Date: 11/21/2012 11:41

Instrument ID: A4HP7 Calib Start Date: 11/07/2012 11:44

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 11/07/2012 14:51

Lab File ID: 21121002.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,4-Dinitrophenol	Qua		0.1841		19.9	20.0	-0.6	
4-Nitrophenol	Ave	0.1694	0.1683		9.94	10.0	-0.6	
2,4-Dinitrotoluene	Qua		0.3601		9.91	10.0	-0.9	
Dibenzofuran	Ave	1.629	1.560		9.58	10.0	-4.2	
Diethyl phthalate	Ave	1.228	1.206		9.82	10.0	-1.8	
4-Chlorophenyl phenyl ether	Ave	0.6187	0.6140		9.92	10.0	-0.8	
4-Nitroaniline	Qua		0.3173		9.85	10.0	-1.5	
Fluorene	Ave	1.308	1.270		9.71	10.0	-2.9	
4,6-Dinitro-2-methylphenol	Qua		0.1361		10.3	10.0	2.7	
N-Nitrosodiphenylamine	Ave	0.5517	0.5553		10.1	10.0	0.7	
1,2-Diphenylhydrazine(as Azobenzene)	Ave	0.7785	0.7772		9.98	10.0	-0.2	
4-Bromophenyl phenyl ether	Ave	0.2040	0.2165		10.6	10.0	6.1	
Hexachlorobenzene	Ave	0.2101	0.2089		9.94	10.0	-0.6	
Atrazine	Ave	0.1501	0.1615		10.8	10.0	7.6	
Pentachlorophenol	Qua		0.1452		20.3	20.0	1.7	
Phenanthrene	Ave	1.093	1.077		9.86	10.0	-1.4	
Anthracene	Ave	1.086	1.118		10.3	10.0	3.0	
Carbazole	Ave	1.055	1.066		10.1	10.0	1.0	
Di-n-butyl phthalate	Ave	1.185	1.240		10.5	10.0	4.7	
Fluoranthene	Ave	1.207	1.244		10.3	10.0	3.0	
Benzidine	Qua		0.7064		10.2	10.0	2.3	
Pyrene	Ave	1.276	1.264		9.90	10.0	-1.0	
Butyl benzyl phthalate	Qua		0.5217		9.91	10.0	-0.9	
3,3'-Dichlorobenzidine	Qua		0.4340		9.75	10.0	-2.5	
Bis(2-ethylhexyl) phthalate	Qua		0.7328		9.83	10.0	-1.7	
Benzo[a]anthracene	Ave	1.116	1.138		10.2	10.0	1.9	
Chrysene	Ave	1.064	1.069		10.0	10.0	0.5	
Di-n-octyl phthalate	Qua		1.452		9.98	10.0	-0.2	
Benzo[b]fluoranthene	Ave	1.276	1.307		10.2	10.0	2.4	
Benzo[k]fluoranthene	Ave	1.387	1.421		10.2	10.0	2.5	
Benzo[a]pyrene	Qua		1.290		9.76	10.0	-2.4	
Indeno[1,2,3-cd]pyrene	Qua		1.516		10.4	10.0	4.3	
Dibenz(a,h)anthracene	Qua		1.262		10.2	10.0	1.9	
Benzo[g,h,i]perylene	Ave	1.145	1.277		11.2	10.0	11.5	
2-Fluorophenol (Surr)	Ave	1.236	1.257		10.2	10.0	1.6	
Phenol-d5 (Surr)	Ave	1.570	1.615		10.3	10.0	2.9	
Nitrobenzene-d5 (Surr)	Ave	0.3517	0.3669		10.4	10.0	4.3	
2-Fluorobiphenyl (Surr)	Ave	1.298	1.263		9.73	10.0	-2.7	
2,4,6-Tribromophenol (Surr)	Ave	0.1655	0.1668		10.1	10.0	0.8	
Terphenyl-d14 (Surr)	Ave	0.7408	0.7240		9.77	10.0	-2.3	

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121002.D		
Lims ID:	ccv tcl	Client ID:	
Inject. Date:	21-Nov-2012 11:41:30	Dil. Factor:	1.0000
Sample Type:	CCVIS		
Sample ID:	240-0015157-002		
Misc. Info.:	ccv tcl		
Operator:	001710	Instrument ID:	A4HP7
Injection Vol:	1.0 ul	ALS Bottle#:	2
Lims Batch ID:	65876	Lims Sample ID:	2
Sublist:	chrom-8270_hp7*sub15		
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP7\20121121-15157.b\8270_hp7.m		
Last Update:	23-Nov-2012 10:11:27	Calib Date:	14-Nov-2012 18:19:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP7\20121114-14953.b\21114010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK037		
First Level Reviewer: gruberj		Date:	21-Nov-2012 12:36:39

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.863	5.863	0.0	97	181370	4.00	
* 2 Naphthalene-d8	136	6.986	6.986	0.0	99	692296	4.00	
* 3 Acenaphthene-d10	164	8.479	8.479	0.0	92	402686	4.00	
* 4 Phenanthrene-d10	188	9.736	9.736	0.0	97	676498	4.00	
* 5 Chrysene-d12	240	12.255	12.255	0.0	88	693747	4.00	
* 6 Perylene-d12	264	14.298	14.298	0.0	92	577958	4.00	
$ 7 2-Fluorophenol	112	4.595	4.595	0.0	93	569842	10.2	
$ 8 Phenol-d5	99	5.510	5.510	0.0	90	732322	10.3	
$ 9 Nitrobenzene-d5	82	6.355	6.355	0.0	88	634936	10.4	
$ 10 2-Fluorobiphenyl (Surr)	172	7.896	7.896	0.0	99	1271230	9.73	
$ 11 2,4,6-Tribromophenol	330	9.147	9.147	0.0	90	167963	10.1	
$ 12 Terphenyl-d14	244	11.083	11.083	0.0	98	1255704	9.77	
24 1,4-Dioxane	88	2.322	2.322	0.0	96	204356	9.71	
25 N-Nitrosodimethylamine	74	2.761	2.761	0.0	92	365658	10.1	
26 Pyridine	79	2.825	2.825	0.0	96	639868	10.6	
27 Ethyl methacrylate	69	3.515	3.515	0.0	91	511972	10.2	
28 3-Chloropropionitrile	54	3.916	3.916	0.0	88	349971	10.5	
32 Malononitrile	66	4.280	4.280	0.0	98	685455	10.9	
40 Benzaldehyde	77	5.467	5.467	0.0	93	455140	9.63	
41 Phenol	94	5.521	5.521	0.0	99	771556	10.2	
43 Aniline	93	5.564	5.564	0.0	97	937204	9.87	
44 Bis(2-chloroethyl)ether	93	5.617	5.617	0.0	95	575749	9.82	
46 2-Chlorophenol	128	5.671	5.671	0.0	94	605672	9.88	
47 1,3-Dichlorobenzene	146	5.815	5.815	0.0	97	653035	9.88	
48 1,4-Dichlorobenzene	146	5.879	5.879	0.0	92	640749	9.76	
49 Benzyl alcohol	108	5.981	5.981	0.0	90	390616	10.3	
50 1,2-Dichlorobenzene	146	6.018	6.018	0.0	95	618973	9.89	
51 2-Methylphenol	108	6.072	6.072	0.0	95	560170	10.1	
52 2,2'-oxybis[1-chloropropane]	45	6.098	6.098	0.0	91	863950	10.0	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
191 3 & 4 Methylphenol	108	6.200	6.200	0.0	97	578109	9.97	
56 N-Nitrosodi-n-propylamine	70	6.211	6.211	0.0	91	417613	10.2	
57 Acetophenone	105	6.216	6.216	0.0	93	808412	9.86	
60 Hexachloroethane	117	6.323	6.323	0.0	93	254592	9.54	
61 Nitrobenzene	77	6.371	6.371	0.0	83	646425	10.3	
63 Isophorone	82	6.574	6.574	0.0	97	1136053	10.3	
65 2-Nitrophenol	139	6.649	6.649	0.0	96	311094	10.5	
66 1,3,5-Trichlorobenzene	180	6.660	6.660	0.0	96	557767	10.2	
64 2,4-Dimethylphenol	107	6.671	6.671	0.0	68	607297	10.4	
69 Benzoic acid	122	6.735	6.735	0.0	87	719076	18.8	
68 Bis(2-chloroethoxy)methane	93	6.756	6.756	0.0	92	686337	9.79	
71 2,4-Dichlorophenol	162	6.853	6.853	0.0	94	477573	10.4	
72 1,2,4-Trichlorobenzene	180	6.933	6.933	0.0	90	550839	10.0	
73 Naphthalene	128	7.002	7.002	0.0	97	1702996	9.84	
74 4-Chloroaniline	127	7.040	7.040	0.0	86	743984	10.1	
77 Hexachlorobutadiene	225	7.104	7.104	0.0	92	302806	10.2	
78 1,2,3-Trichlorobenzene	180	7.125	7.125	0.0	91	525385	0	
83 Caprolactam	113	7.323	7.323	0.0	74	169038	9.66	
84 4-Chloro-3-methylphenol	107	7.436	7.436	0.0	94	510055	10.3	
85 2-Methylnaphthalene	142	7.596	7.596	0.0	90	1108663	10.0	
86 1-Methylnaphthalene	142	7.682	7.682	0.0	91	1063304	10.1	
87 1,2,3,5-Tetrachlorobenzene	216	7.719	7.719	0.0	95	538854	9.85	
88 Hexachlorocyclopentadiene	237	7.724	7.724	0.0	81	324344	9.94	
90 2,4,6-Trichlorophenol	196	7.826	7.826	0.0	91	346694	10.2	
91 2,4,5-Trichlorophenol	196	7.853	7.853	0.0	95	373037	10.2	
94 2,4-Toluene diamine	121	7.965	7.965	0.0	97	365311	10.4	
96 1,2,3,4 -Tetrachlorobenzene	216	7.976	7.976	0.0	95	511344	0	
95 1,1'-Biphenyl	154	7.987	7.987	0.0	92	1350922	9.50	
98 2-Chloronaphthalene	162	8.008	8.008	0.0	96	1092153	9.82	
100 2-Nitroaniline	65	8.083	8.083	0.0	83	343540	10.5	
103 Dimethyl phthalate	163	8.222	8.222	0.0	98	1145767	9.69	
105 2,6-Dinitrotoluene	165	8.281	8.281	0.0	91	270823	9.98	
106 1,2-Dinitrobenzene	168	8.329	8.329	0.0	88	133586	10.2	
107 Acenaphthylene	152	8.361	8.361	0.0	95	1838604	10.0	
108 3-Nitroaniline	138	8.425	8.425	0.0	94	315191	10.6	
110 Acenaphthene	153	8.511	8.511	0.0	89	1075828	9.74	
109 2,4-Dinitrophenol	184	8.516	8.516	0.0	87	370702	19.9	
111 4-Nitrophenol	109	8.548	8.548	0.0	92	169415	9.94	
112 2,4-Dinitrotoluene	165	8.623	8.623	0.0	92	362560	9.91	
114 Dibenzofuran	168	8.655	8.655	0.0	88	1570271	9.58	
115 2,3,5,6-Tetrachlorophenol	232	8.709	8.709	0.0	90	310086	10.3	
119 Diethyl phthalate	149	8.816	8.816	0.0	98	1213917	9.82	
121 4-Chlorophenyl phenyl ether	204	8.928	8.928	0.0	92	618107	9.92	
123 4-Nitroaniline	138	8.944	8.944	0.0	61	319421	9.85	
124 Fluorene	166	8.944	8.944	0.0	91	1278047	9.71	
126 4,6-Dinitro-2-methylphenol	198	8.965	8.965	0.0	84	230191	10.3	
130 N-Nitrosodiphenylamine	169	9.024	9.024	0.0	0	939106	10.1	
131 Azobenzene	77	9.062	9.062	0.0	98	1315648	10.0	
129 1,2-Diphenylhydrazine	77	9.062	9.062	0.0	0	1314423	9.98	
137 4-Bromophenyl phenyl ether	248	9.345	9.345	0.0	61	366180	10.6	
139 Hexachlorobenzene	284	9.409	9.409	0.0	91	353212	9.94	
140 Atrazine	200	9.457	9.457	0.0	91	273146	10.8	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
141 Pentachlorophenol	266	9.564	9.564	0.0	83	491084	20.3	
146 Phenanthrene	178	9.757	9.757	0.0	97	1822152	9.86	
147 Anthracene	178	9.800	9.800	0.0	97	1891205	10.3	
149 Carbazole	167	9.928	9.928	0.0	81	1802308	10.1	
151 Di-n-butyl phthalate	149	10.185	10.185	0.0	100	2096696	10.5	
157 Fluoranthene	202	10.762	10.762	0.0	97	2103065	10.3	
158 Benzidine	184	10.859	10.859	0.0	99	1225119	10.2	
160 Pyrene	202	10.971	10.971	0.0	96	2191400	9.90	
166 Butyl benzyl phthalate	149	11.549	11.549	0.0	97	904819	9.91	
170 3,3'-Dimethoxybenzidine	244	12.148	12.148	0.0	92	471002	9.84	
173 3,3'-Dichlorobenzidine	252	12.191	12.191	0.0	66	752779	9.75	
172 4,4'-Methylene bis(2-chloroanili	231	12.191	12.191	0.0	67	363284	10.3	
171 Bis(2-ethylhexyl) phthalate	149	12.207	12.207	0.0	97	1270992	9.83	
175 Benzo[a]anthracene	228	12.244	12.244	0.0	97	1973063	10.2	
176 Chrysene	228	12.287	12.287	0.0	92	1853520	10.0	
178 Di-n-octyl phthalate	149	13.100	13.100	0.0	99	2098341	9.98	
180 Benzo[b]fluoranthene	252	13.726	13.726	0.0	93	1888574	10.2	
181 Benzo[k]fluoranthene	252	13.763	13.763	0.0	99	2052524	10.2	
182 Benzo[a]pyrene	252	14.212	14.212	0.0	76	1863934	9.76	
186 Indeno[1,2,3-cd]pyrene	276	15.929	15.929	0.0	94	2190995	10.4	
187 Dibenz(a,h)anthracene	278	15.956	15.956	0.0	87	1822906	10.2	
188 Benzo[g,h,i]perylene	276	16.362	16.362	0.0	93	1845755	11.2	
S 189 Methyl Phenols,Total	100				0		10.1	

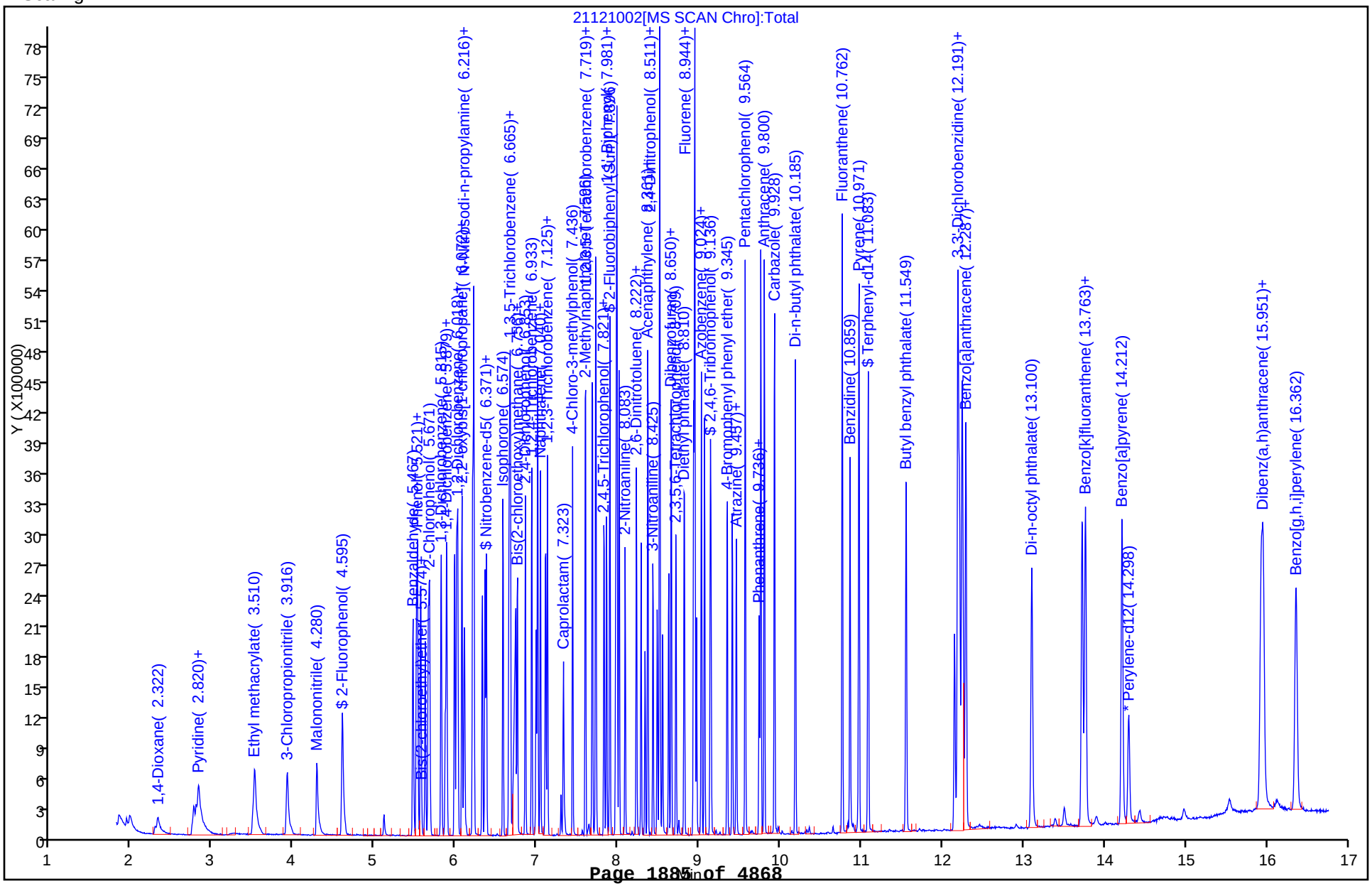
Report Date: 23-Nov-2012 10:11:28 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121002.D

Injection Date:	21-Nov-2012 11:41:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	2
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: ICV 240-65876/3 Calibration Date: 11/21/2012 12:04

Instrument ID: A4HP7 Calib Start Date: 11/06/2012 18:22

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 11/06/2012 21:05

Lab File ID: 21121003.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
N-Nitrosopyrrolidine	Ave	0.5573	0.6823		12.2	10.0	22.4	
2,6-Dichlorophenol	Ave	0.2496	0.2970		11.9	10.0	19.0	
1,2,4,5-Tetrachlorobenzene	Ave	0.5057	0.5686		11.2	10.0	12.4	

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121003.D
Lims ID: icv ind
Client ID:
Inject. Date: 21-Nov-2012 12:04:30
Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0015157-003
Misc. Info.: icv ind
Operator: 001710
Instrument ID: A4HP7
Injection Vol: 1.0 ul
ALS Bottle#: 3
Lims Batch ID: 65876
Lims Sample ID: 3
Sublist:
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\8270_hp7.m
Last Update: 23-Nov-2012 10:11:01
Calib Date: 14-Nov-2012 18:19:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP7\20121114-14953.b\21114010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: 5% phenyl
Column Dia: 0.18 mm
Process Host: XAWRK037

First Level Reviewer: gruberj
Date: 21-Nov-2012 12:38:55

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.863	5.863	0.0	96	177147	4.00	
* 2 Naphthalene-d8	136	6.986	6.986	0.0	99	653446	4.00	
* 3 Acenaphthene-d10	164	8.479	8.479	0.0	90	382015	4.00	
* 4 Phenanthrene-d10	188	9.736	9.736	0.0	98	646813	4.00	
* 5 Chrysene-d12	240	12.255	12.255	0.0	92	684665	4.00	
* 6 Perylene-d12	264	14.298	14.298	0.0	96	583062	4.00	
24 1,4-Dioxane	88	2.322	2.322	0.0	90	201729	9.81	
25 N-Nitrosodimethylamine	74	2.761	2.761	0.0	89	349885	9.88	
40 Benzaldehyde	77	5.467	5.467	0.0	92	84729	1.83	
41 Phenol	94	5.521	5.521	0.0	99	773465	10.4	
43 Aniline	93	5.564	5.564	0.0	97	804903	8.68	
44 Bis(2-chloroethyl)ether	93	5.617	5.617	0.0	94	579820	10.1	
46 2-Chlorophenol	128	5.671	5.671	0.0	97	603608	10.1	
47 1,3-Dichlorobenzene	146	5.815	5.815	0.0	97	628196	9.73	
48 1,4-Dichlorobenzene	146	5.879	5.879	0.0	92	646495	10.1	
49 Benzyl alcohol	108	5.981	5.981	0.0	90	398284	10.8	
50 1,2-Dichlorobenzene	146	6.018	6.018	0.0	94	612122	10.0	
51 2-Methylphenol	108	6.072	6.072	0.0	94	543596	10.1	
52 2,2'-oxybis[1-chloropropane]	45	6.099	6.098	0.001	90	859053	10.2	
191 3 & 4 Methylphenol	108	6.200	6.200	0.0	96	570864	10.1	
56 N-Nitrosodi-n-propylamine	70	6.211	6.211	0.0	91	449895	11.2	
55 N-Nitrosopyrrolidine	100	6.195	6.216	-0.021	86	302176	12.2	
57 Acetophenone	105	6.216	6.216	0.0	92	820764	10.3	
60 Hexachloroethane	117	6.323	6.323	0.0	93	254205	9.75	
61 Nitrobenzene	77	6.371	6.371	0.0	88	660182	11.1	
63 Isophorone	82	6.575	6.574	0.001	97	1159205	11.1	
65 2-Nitrophenol	139	6.649	6.649	0.0	96	327696	11.7	
64 2,4-Dimethylphenol	107	6.671	6.671	0.0	93	576285	10.5	
69 Benzoic acid	122	6.735	6.735	0.0	89	732247	20.1	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
68 Bis(2-chloroethoxy)methane	93	6.756	6.756	0.0	93	709536	10.7	
71 2,4-Dichlorophenol	162	6.853	6.853	0.0	95	489269	11.3	
72 1,2,4-Trichlorobenzene	180	6.933	6.933	0.0	93	545042	10.5	
73 Naphthalene	128	7.002	7.002	0.0	97	1765860	10.8	
74 4-Chloroaniline	127	7.040	7.040	0.0	87	735481	10.6	
75 2,6-Dichlorophenol	162	7.051	7.066	-0.015	97	485255	11.9	
77 Hexachlorobutadiene	225	7.104	7.104	0.0	93	308594	11.0	
83 Caprolactam	113	7.323	7.323	0.0	78	175336	10.7	
84 4-Chloro-3-methylphenol	107	7.436	7.436	0.0	97	530067	11.4	
85 2-Methylnaphthalene	142	7.596	7.596	0.0	90	1115557	10.7	
88 Hexachlorocyclopentadiene	237	7.725	7.724	0.001	92	356944	11.5	
89 1,2,4,5-Tetrachlorobenzene	216	7.735	7.751	-0.016	97	542992	11.2	
90 2,4,6-Trichlorophenol	196	7.821	7.826	-0.005	92	363528	11.3	
91 2,4,5-Trichlorophenol	196	7.853	7.853	0.0	94	388156	11.2	
95 1,1'-Biphenyl	154	7.981	7.987	-0.006	95	1453465	10.8	
98 2-Chloronaphthalene	162	8.008	8.008	0.0	96	1118029	10.6	
100 2-Nitroaniline	65	8.083	8.083	0.0	81	354609	11.5	
103 Dimethyl phthalate	163	8.222	8.222	0.0	98	1234629	11.0	
105 2,6-Dinitrotoluene	165	8.281	8.281	0.0	94	274624	10.6	
107 Acenaphthylene	152	8.366	8.361	0.005	91	1826368	10.5	
108 3-Nitroaniline	138	8.431	8.425	0.006	96	314364	11.2	
110 Acenaphthene	153	8.511	8.511	0.0	89	1081151	10.3	
109 2,4-Dinitrophenol	184	8.516	8.516	0.0	85	371571	20.9	
111 4-Nitrophenol	109	8.548	8.548	0.0	94	176528	10.9	
112 2,4-Dinitrotoluene	165	8.623	8.623	0.0	92	377306	10.8	
114 Dibenzofuran	168	8.655	8.655	0.0	89	1609834	10.4	
117 2,3,4,6-Tetrachlorophenol	232	8.746	8.762	-0.016	73	298804	10.7	
119 Diethyl phthalate	149	8.816	8.816	0.0	98	1266760	10.8	
121 4-Chlorophenyl phenyl ether	204	8.928	8.928	0.0	92	634542	10.7	
123 4-Nitroaniline	138	8.944	8.944	0.0	49	288035	9.37	
124 Fluorene	166	8.944	8.944	0.0	91	1307463	10.5	
126 4,6-Dinitro-2-methylphenol	198	8.965	8.965	0.0	83	231817	10.8	
130 N-Nitrosodiphenylamine	169	9.024	9.024	0.0	0	937504	10.5	
131 Azobenzene	77	9.062	9.062	0.0	99	1371495	10.9	
137 4-Bromophenyl phenyl ether	248	9.345	9.345	0.0	62	365346	11.1	
139 Hexachlorobenzene	284	9.409	9.409	0.0	91	381632	11.2	
140 Atrazine	200	9.458	9.457	0.001	93	180624	7.44	
141 Pentachlorophenol	266	9.564	9.564	0.0	86	497747	21.5	
146 Phenanthrene	178	9.757	9.757	0.0	97	1859306	10.5	
147 Anthracene	178	9.800	9.800	0.0	97	1909227	10.9	
149 Carbazole	167	9.928	9.928	0.0	82	1797762	10.5	
151 Di-n-butyl phthalate	149	10.185	10.185	0.0	100	2171394	11.3	
157 Fluoranthene	202	10.763	10.762	0.001	97	2147977	11.0	
158 Benzidine	184	10.859	10.859	0.0	97	76849	1.06	
160 Pyrene	202	10.966	10.971	-0.005	96	2170507	9.94	
166 Butyl benzyl phthalate	149	11.554	11.549	0.005	97	930260	10.3	
173 3,3'-Dichlorobenzidine	252	12.191	12.191	0.0	70	596899	7.89	
171 Bis(2-ethylhexyl) phthalate	149	12.207	12.207	0.0	96	1288902	10.1	
175 Benzo[a]anthracene	228	12.239	12.244	-0.005	96	1965064	10.3	
176 Chrysene	228	12.287	12.287	0.0	94	1873123	10.3	
178 Di-n-octyl phthalate	149	13.100	13.100	0.0	99	2154786	10.1	
180 Benzo[b]fluoranthene	252	13.720	13.726	-0.006	94	1821558	9.79	

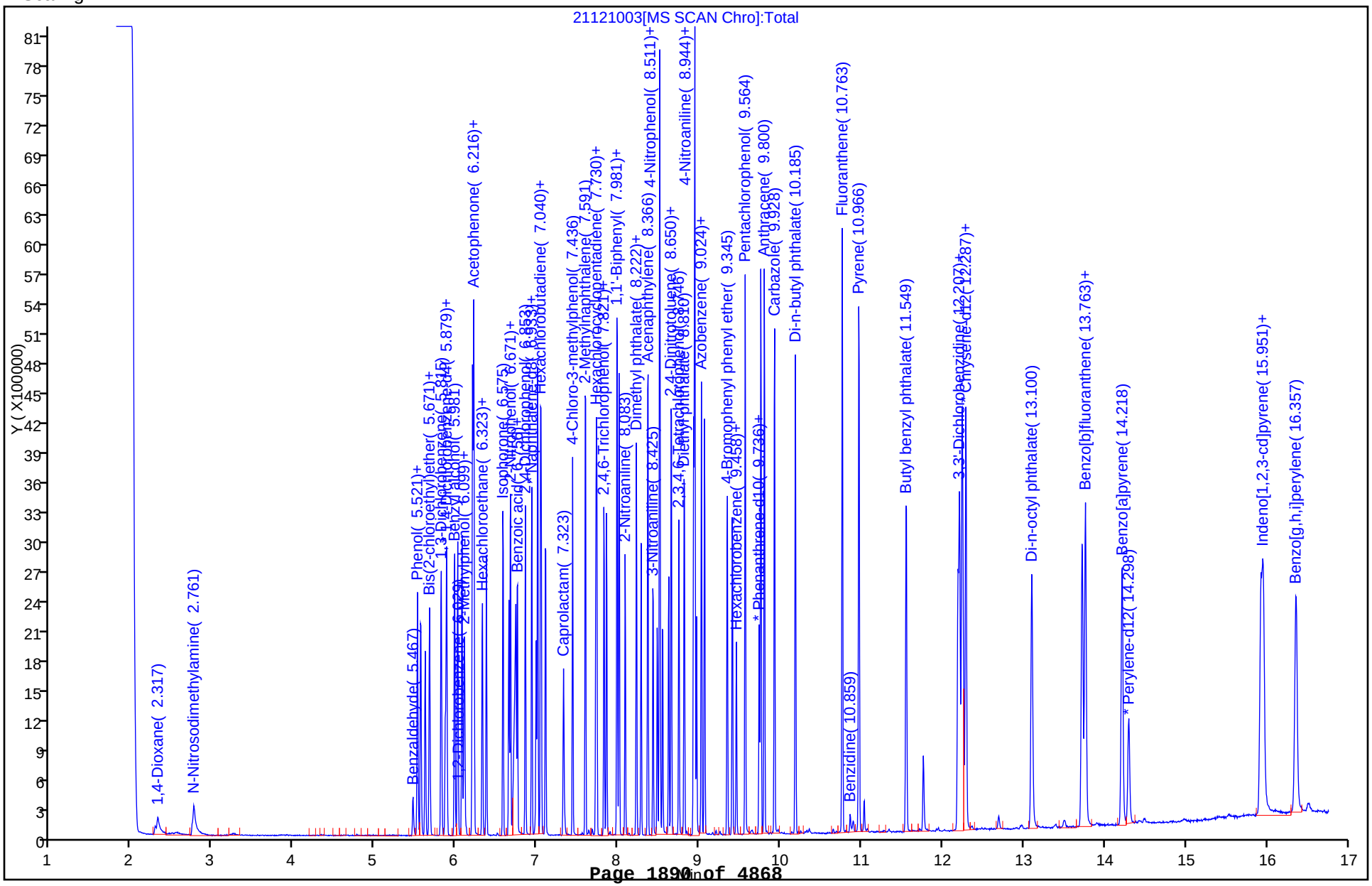
Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
181 Benzo[k]fluoranthene	252	13.763	13.763	0.0	95	2077381	10.3	
182 Benzo[a]pyrene	252	14.218	14.212	0.006	77	1699586	8.86	
186 Indeno[1,2,3-cd]pyrene	276	15.929	15.929	0.0	98	2138028	10.1	
187 Dibenz(a,h)anthracene	278	15.956	15.956	0.0	73	1805698	10.0	
188 Benzo[g,h,i]perylene	276	16.357	16.362	-0.005	93	1852387	11.1	

Report Date: 23-Nov-2012 10:11:27 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121003.D		
Injection Date:	21-Nov-2012 12:04:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	3
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: ICV 240-65876/3 Calibration Date: 11/21/2012 12:04

Instrument ID: A4HP7 Calib Start Date: 11/07/2012 11:44

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 11/07/2012 14:51

Lab File ID: 21121003.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.4642	0.4555		9.81	10.0	-1.9	
N-Nitrosodimethylamine	Qua		0.7900		9.88	10.0	-1.2	
Benzaldehyde	Ave	1.043	0.1913		1.83	10.0	-81.7	
Phenol	Ave	1.674	1.746		10.4	10.0	4.3	
Aniline	Ave	2.093	1.817		8.68	10.0	-13.2	
Bis(2-chloroethyl)ether	Ave	1.293	1.309		10.1	10.0	1.3	
2-Chlorophenol	Ave	1.352	1.363		10.1	10.0	0.8	
1,3-Dichlorobenzene	Ave	1.457	1.418		9.73	10.0	-2.7	
1,4-Dichlorobenzene	Ave	1.448	1.460		10.1	10.0	0.8	
Benzyl alcohol	Ave	0.8332	0.8993		10.8	10.0	7.9	
1,2-Dichlorobenzene	Ave	1.380	1.382		10.0	10.0	0.1	
2-Methylphenol	Ave	1.220	1.227		10.1	10.0	0.6	
3 & 4 Methylphenol	Ave	1.279	1.289		10.1	10.0	0.8	
N-Nitrosodi-n-propylamine	Ave	0.9059	1.016		11.2	10.0	12.1	
Acetophenone	Ave	1.808	1.853		10.3	10.0	2.5	
Hexachloroethane	Ave	0.5884	0.5740		9.75	10.0	-2.5	
Nitrobenzene	Ave	0.3635	0.4041		11.1	10.0	11.2	
Isophorone	Ave	0.6380	0.7096		11.1	10.0	11.2	
2-Nitrophenol	Ave	0.1710	0.2006		11.7	10.0	17.3	
2,4-Dimethylphenol	Ave	0.3362	0.3528		10.5	10.0	4.9	
Benzoic acid	Qua		0.2241		20.1	20.0	0.5	
Bis(2-chloroethoxy)methane	Ave	0.4052	0.4343		10.7	10.0	7.2	
2,4-Dichlorophenol	Ave	0.2657	0.2995		11.3	10.0	12.7	
1,2,4-Trichlorobenzene	Ave	0.3169	0.3336		10.5	10.0	5.3	
Naphthalene	Ave	0.999	1.081		10.8	10.0	8.2	
Hexachlorobutadiene	Ave	0.1716	0.1889		11.0	10.0	10.1	
Caprolactam	Qua		0.1073		10.7	10.0	6.9	
4-Chloro-3-methylphenol	Ave	0.2854	0.3245		11.4	10.0	13.7	
2-Methylnaphthalene	Ave	0.6393	0.6829		10.7	10.0	6.8	
Hexachlorocyclopentadiene	Ave	0.3241	0.3738		11.5	10.0	15.3	
2,4,6-Trichlorophenol	Ave	0.3372	0.3806		11.3	10.0	12.9	
2,4,5-Trichlorophenol	Ave	0.3632	0.4064		11.2	10.0	11.9	
1,1'-Biphenyl	Ave	1.413	1.522		10.8	10.0	7.7	
2-Chloronaphthalene	Ave	1.105	1.171		10.6	10.0	6.0	
2-Nitroaniline	Ave	0.3242	0.3713		11.5	10.0	14.5	
Dimethyl phthalate	Ave	1.175	1.293		11.0	10.0	10.0	
2,6-Dinitrotoluene	Qua		0.2876		10.6	10.0	6.4	
Acenaphthylene	Ave	1.825	1.912		10.5	10.0	4.8	
3-Nitroaniline	Ave	0.2941	0.3292		11.2	10.0	11.9	
Acenaphthene	Ave	1.097	1.132		10.3	10.0	3.2	
2,4-Dinitrophenol	Qua		0.1945		20.9	20.0	4.4	

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: ICV 240-65876/3 Calibration Date: 11/21/2012 12:04

Instrument ID: A4HP7 Calib Start Date: 11/07/2012 11:44

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 11/07/2012 14:51

Lab File ID: 21121003.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Nitrophenol	Ave	0.1694	0.1848		10.9	10.0	9.1	
2,4-Dinitrotoluene	Qua		0.3951		10.8	10.0	8.2	
Dibenzofuran	Ave	1.629	1.686		10.4	10.0	3.5	
Diethyl phthalate	Ave	1.228	1.326		10.8	10.0	8.0	
4-Chlorophenyl phenyl ether	Ave	0.6187	0.6644		10.7	10.0	7.4	
4-Nitroaniline	Qua		0.3016		9.37	10.0	-6.3	
Fluorene	Ave	1.308	1.369		10.5	10.0	4.7	
4,6-Dinitro-2-methylphenol	Qua		0.1434		10.8	10.0	7.7	
N-Nitrosodiphenylamine	Ave	0.5517	0.5798		10.5	10.0	5.1	
4-Bromophenyl phenyl ether	Ave	0.2040	0.2259		11.1	10.0	10.7	
Hexachlorobenzene	Ave	0.2101	0.2360		11.2	10.0	12.3	
Atrazine	Ave	0.1501	0.1117		7.44	10.0	-25.6	
Pentachlorophenol	Qua		0.1539		21.5	20.0	7.5	
Phenanthrene	Ave	1.093	1.150		10.5	10.0	5.2	
Anthracene	Ave	1.086	1.181		10.9	10.0	8.7	
Carbazole	Ave	1.055	1.112		10.5	10.0	5.4	
Di-n-butyl phthalate	Ave	1.185	1.343		11.3	10.0	13.4	
Fluoranthene	Ave	1.207	1.328		11.0	10.0	10.1	
Benzidine	Qua		0.0449		1.06	10.0	-89.4	
Pyrene	Ave	1.276	1.268		9.94	10.0	-0.6	
Butyl benzyl phthalate	Qua		0.5435		10.3	10.0	3.0	
3,3'-Dichlorobenzidine	Qua		0.3487		7.89	10.0	-21.1	
Bis(2-ethylhexyl) phthalate	Qua		0.7530		10.1	10.0	0.9	
Benzo[a]anthracene	Ave	1.116	1.148		10.3	10.0	2.8	
Chrysene	Ave	1.064	1.094		10.3	10.0	2.9	
Di-n-octyl phthalate	Qua		1.478		10.1	10.0	1.4	
Benzo[b]fluoranthene	Ave	1.276	1.250		9.79	10.0	-2.1	
Benzo[k]fluoranthene	Ave	1.387	1.425		10.3	10.0	2.8	
Benzo[a]pyrene	Qua		1.166		8.86	10.0	-11.4	
Indeno[1,2,3-cd]pyrene	Qua		1.467		10.1	10.0	1.0	
Dibenz(a,h)anthracene	Qua		1.239		10.0	10.0	0.1	
Benzo[g,h,i]perylene	Ave	1.145	1.271		11.1	10.0	11.0	

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121003.D
Lims ID: icv ind
Client ID:
Inject. Date: 21-Nov-2012 12:04:30
Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0015157-003
Misc. Info.: icv ind
Operator: 001710
Instrument ID: A4HP7
Injection Vol: 1.0 ul
ALS Bottle#: 3
Lims Batch ID: 65876
Lims Sample ID: 3
Sublist:
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\8270_hp7.m
Last Update: 23-Nov-2012 10:11:01
Calib Date: 14-Nov-2012 18:19:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP7\20121114-14953.b\21114010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: 5% phenyl
Column Dia: 0.18 mm
Process Host: XAWRK037

First Level Reviewer: gruberj
Date: 21-Nov-2012 12:38:55

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.863	5.863	0.0	96	177147	4.00	
* 2 Naphthalene-d8	136	6.986	6.986	0.0	99	653446	4.00	
* 3 Acenaphthene-d10	164	8.479	8.479	0.0	90	382015	4.00	
* 4 Phenanthrene-d10	188	9.736	9.736	0.0	98	646813	4.00	
* 5 Chrysene-d12	240	12.255	12.255	0.0	92	684665	4.00	
* 6 Perylene-d12	264	14.298	14.298	0.0	96	583062	4.00	
24 1,4-Dioxane	88	2.322	2.322	0.0	90	201729	9.81	
25 N-Nitrosodimethylamine	74	2.761	2.761	0.0	89	349885	9.88	
40 Benzaldehyde	77	5.467	5.467	0.0	92	84729	1.83	
41 Phenol	94	5.521	5.521	0.0	99	773465	10.4	
43 Aniline	93	5.564	5.564	0.0	97	804903	8.68	
44 Bis(2-chloroethyl)ether	93	5.617	5.617	0.0	94	579820	10.1	
46 2-Chlorophenol	128	5.671	5.671	0.0	97	603608	10.1	
47 1,3-Dichlorobenzene	146	5.815	5.815	0.0	97	628196	9.73	
48 1,4-Dichlorobenzene	146	5.879	5.879	0.0	92	646495	10.1	
49 Benzyl alcohol	108	5.981	5.981	0.0	90	398284	10.8	
50 1,2-Dichlorobenzene	146	6.018	6.018	0.0	94	612122	10.0	
51 2-Methylphenol	108	6.072	6.072	0.0	94	543596	10.1	
52 2,2'-oxybis[1-chloropropane]	45	6.099	6.098	0.001	90	859053	10.2	
191 3 & 4 Methylphenol	108	6.200	6.200	0.0	96	570864	10.1	
56 N-Nitrosodi-n-propylamine	70	6.211	6.211	0.0	91	449895	11.2	
55 N-Nitrosopyrrolidine	100	6.195	6.216	-0.021	86	302176	12.2	
57 Acetophenone	105	6.216	6.216	0.0	92	820764	10.3	
60 Hexachloroethane	117	6.323	6.323	0.0	93	254205	9.75	
61 Nitrobenzene	77	6.371	6.371	0.0	88	660182	11.1	
63 Isophorone	82	6.575	6.574	0.001	97	1159205	11.1	
65 2-Nitrophenol	139	6.649	6.649	0.0	96	327696	11.7	
64 2,4-Dimethylphenol	107	6.671	6.671	0.0	93	576285	10.5	
69 Benzoic acid	122	6.735	6.735	0.0	89	732247	20.1	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
68 Bis(2-chloroethoxy)methane	93	6.756	6.756	0.0	93	709536	10.7	
71 2,4-Dichlorophenol	162	6.853	6.853	0.0	95	489269	11.3	
72 1,2,4-Trichlorobenzene	180	6.933	6.933	0.0	93	545042	10.5	
73 Naphthalene	128	7.002	7.002	0.0	97	1765860	10.8	
74 4-Chloroaniline	127	7.040	7.040	0.0	87	735481	10.6	
75 2,6-Dichlorophenol	162	7.051	7.066	-0.015	97	485255	11.9	
77 Hexachlorobutadiene	225	7.104	7.104	0.0	93	308594	11.0	
83 Caprolactam	113	7.323	7.323	0.0	78	175336	10.7	
84 4-Chloro-3-methylphenol	107	7.436	7.436	0.0	97	530067	11.4	
85 2-Methylnaphthalene	142	7.596	7.596	0.0	90	1115557	10.7	
88 Hexachlorocyclopentadiene	237	7.725	7.724	0.001	92	356944	11.5	
89 1,2,4,5-Tetrachlorobenzene	216	7.735	7.751	-0.016	97	542992	11.2	
90 2,4,6-Trichlorophenol	196	7.821	7.826	-0.005	92	363528	11.3	
91 2,4,5-Trichlorophenol	196	7.853	7.853	0.0	94	388156	11.2	
95 1,1'-Biphenyl	154	7.981	7.987	-0.006	95	1453465	10.8	
98 2-Chloronaphthalene	162	8.008	8.008	0.0	96	1118029	10.6	
100 2-Nitroaniline	65	8.083	8.083	0.0	81	354609	11.5	
103 Dimethyl phthalate	163	8.222	8.222	0.0	98	1234629	11.0	
105 2,6-Dinitrotoluene	165	8.281	8.281	0.0	94	274624	10.6	
107 Acenaphthylene	152	8.366	8.361	0.005	91	1826368	10.5	
108 3-Nitroaniline	138	8.431	8.425	0.006	96	314364	11.2	
110 Acenaphthene	153	8.511	8.511	0.0	89	1081151	10.3	
109 2,4-Dinitrophenol	184	8.516	8.516	0.0	85	371571	20.9	
111 4-Nitrophenol	109	8.548	8.548	0.0	94	176528	10.9	
112 2,4-Dinitrotoluene	165	8.623	8.623	0.0	92	377306	10.8	
114 Dibenzofuran	168	8.655	8.655	0.0	89	1609834	10.4	
117 2,3,4,6-Tetrachlorophenol	232	8.746	8.762	-0.016	73	298804	10.7	
119 Diethyl phthalate	149	8.816	8.816	0.0	98	1266760	10.8	
121 4-Chlorophenyl phenyl ether	204	8.928	8.928	0.0	92	634542	10.7	
123 4-Nitroaniline	138	8.944	8.944	0.0	49	288035	9.37	
124 Fluorene	166	8.944	8.944	0.0	91	1307463	10.5	
126 4,6-Dinitro-2-methylphenol	198	8.965	8.965	0.0	83	231817	10.8	
130 N-Nitrosodiphenylamine	169	9.024	9.024	0.0	0	937504	10.5	
131 Azobenzene	77	9.062	9.062	0.0	99	1371495	10.9	
137 4-Bromophenyl phenyl ether	248	9.345	9.345	0.0	62	365346	11.1	
139 Hexachlorobenzene	284	9.409	9.409	0.0	91	381632	11.2	
140 Atrazine	200	9.458	9.457	0.001	93	180624	7.44	
141 Pentachlorophenol	266	9.564	9.564	0.0	86	497747	21.5	
146 Phenanthrene	178	9.757	9.757	0.0	97	1859306	10.5	
147 Anthracene	178	9.800	9.800	0.0	97	1909227	10.9	
149 Carbazole	167	9.928	9.928	0.0	82	1797762	10.5	
151 Di-n-butyl phthalate	149	10.185	10.185	0.0	100	2171394	11.3	
157 Fluoranthene	202	10.763	10.762	0.001	97	2147977	11.0	
158 Benzidine	184	10.859	10.859	0.0	97	76849	1.06	
160 Pyrene	202	10.966	10.971	-0.005	96	2170507	9.94	
166 Butyl benzyl phthalate	149	11.554	11.549	0.005	97	930260	10.3	
173 3,3'-Dichlorobenzidine	252	12.191	12.191	0.0	70	596899	7.89	
171 Bis(2-ethylhexyl) phthalate	149	12.207	12.207	0.0	96	1288902	10.1	
175 Benzo[a]anthracene	228	12.239	12.244	-0.005	96	1965064	10.3	
176 Chrysene	228	12.287	12.287	0.0	94	1873123	10.3	
178 Di-n-octyl phthalate	149	13.100	13.100	0.0	99	2154786	10.1	
180 Benzo[b]fluoranthene	252	13.720	13.726	-0.006	94	1821558	9.79	

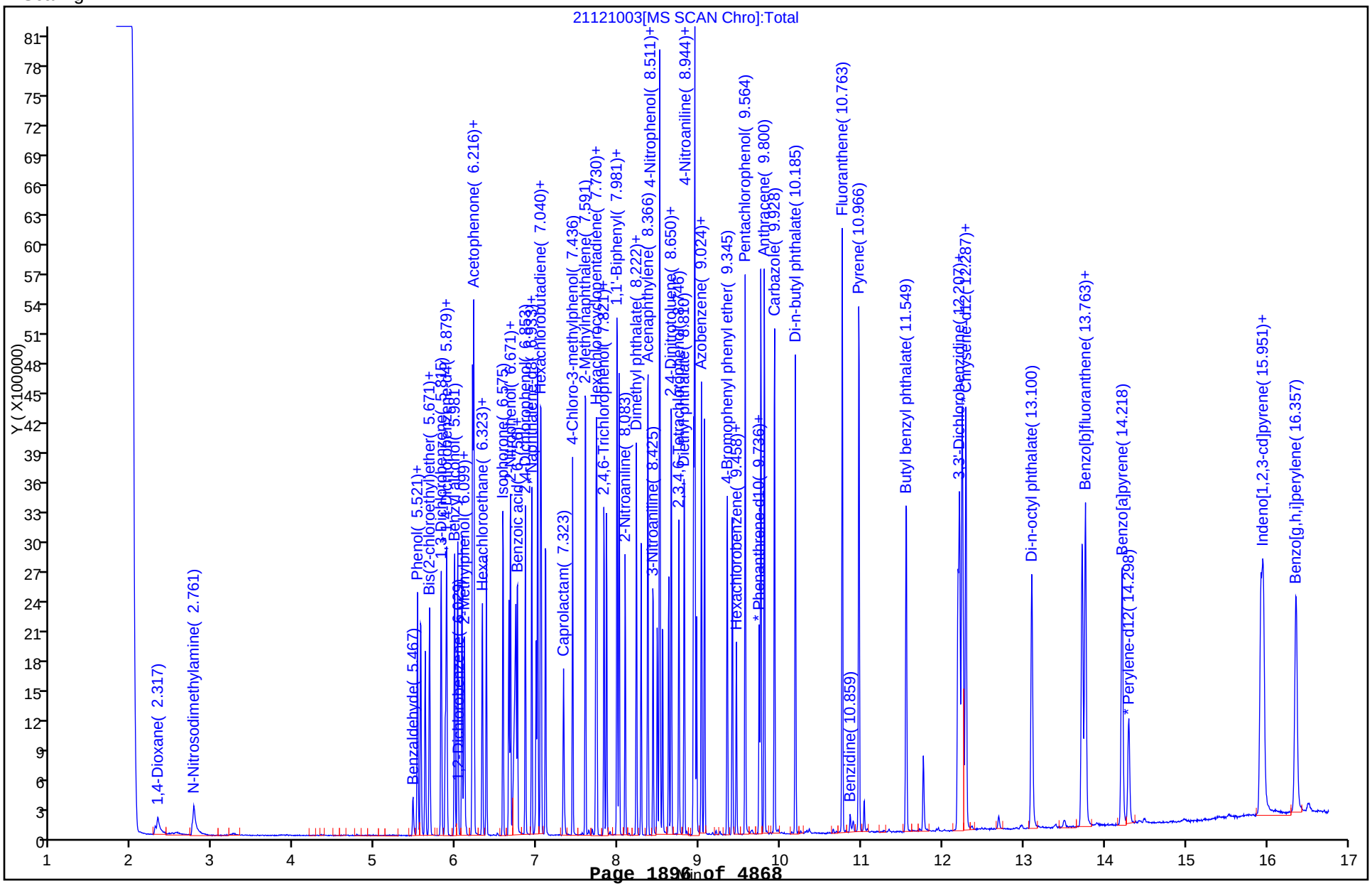
Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
181 Benzo[k]fluoranthene	252	13.763	13.763	0.0	95	2077381	10.3	
182 Benzo[a]pyrene	252	14.218	14.212	0.006	77	1699586	8.86	
186 Indeno[1,2,3-cd]pyrene	276	15.929	15.929	0.0	98	2138028	10.1	
187 Dibenz(a,h)anthracene	278	15.956	15.956	0.0	73	1805698	10.0	
188 Benzo[g,h,i]perylene	276	16.357	16.362	-0.005	93	1852387	11.1	

Report Date: 23-Nov-2012 10:11:27 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121003.D		
Injection Date:	21-Nov-2012 12:04:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	3
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: mdll1 Calibration Date: 11/21/2012 17:56

Instrument ID: A4HP7 Calib Start Date: 11/07/2012 11:44

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 11/07/2012 14:51

Lab File ID: 21121018.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzaldehyde	Ave	1.043			0.109	0.100		
Phenol	Ave	1.674			0.0950	0.100		
Aniline	Ave	2.093			0.104	0.100		
Bis(2-chloroethyl)ether	Ave	1.293			0.111	0.100		
2-Chlorophenol	Ave	1.352			0.107	0.100		
1,3-Dichlorobenzene	Ave	1.457			0.107	0.100		
1,4-Dichlorobenzene	Ave	1.448			0.0943	0.100		
Benzyl alcohol	Ave	0.8332			0.103	0.100		
1,2-Dichlorobenzene	Ave	1.380			0.0974	0.100		
2-Methylphenol	Ave	1.220			0.101	0.100		
3 & 4 Methylphenol	Ave	1.279			0.0833	0.100		
N-Nitrosodi-n-propylamine	Ave	0.9059			0.118	0.100		
Acetophenone	Ave	1.808			0.0994	0.100		
Hexachloroethane	Ave	0.5884			0.0691	0.100		
Nitrobenzene	Ave	0.3635			0.0943	0.100		
Isophorone	Ave	0.6380			0.114	0.100		
2-Nitrophenol	Ave	0.1710			0.105	0.100		
2,4-Dimethylphenol	Ave	0.3362			0.101	0.100		
Bis(2-chloroethoxy)methane	Ave	0.4052			0.0967	0.100		
2,4-Dichlorophenol	Ave	0.2657			0.102	0.100		
1,2,4-Trichlorobenzene	Ave	0.3169			0.103	0.100		
Naphthalene	Ave	0.999			0.0950	0.100		
Hexachlorobutadiene	Ave	0.1716			0.106	0.100		
4-Chloro-3-methylphenol	Ave	0.2854			0.0923	0.100		
2-Methylnaphthalene	Ave	0.6393			0.102	0.100		
2,4,6-Trichlorophenol	Ave	0.3372			0.0927	0.100		
2,4,5-Trichlorophenol	Ave	0.3632			0.0725	0.100		
1,1'-Biphenyl	Ave	1.413			0.108	0.100		
2-Chloronaphthalene	Ave	1.105			0.109	0.100		
2-Nitroaniline	Ave	0.3242			0.112	0.100		
Dimethyl phthalate	Ave	1.175			0.112	0.100		
2,6-Dinitrotoluene	Qua				0.492	0.100		
Acenaphthylene	Ave	1.825			0.0974	0.100		
3-Nitroaniline	Ave	0.2941			0.107	0.100		
Acenaphthene	Ave	1.097			0.108	0.100		
Dibenzofuran	Ave	1.629			0.105	0.100		
Diethyl phthalate	Ave	1.228			0.114	0.100		
4-Chlorophenyl phenyl ether	Ave	0.6187			0.103	0.100		
Fluorene	Ave	1.308			0.101	0.100		
4-Nitroaniline	Qua				0.363	0.100		
N-Nitrosodiphenylamine	Ave	0.5517			0.113	0.100		

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: mdll1 Calibration Date: 11/21/2012 17:56

Instrument ID: A4HP7 Calib Start Date: 11/07/2012 11:44

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 11/07/2012 14:51

Lab File ID: 21121018.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Diphenylhydrazine(as Azobenzene)	Ave	0.7785			0.0959	0.100		
4-Bromophenyl phenyl ether	Ave	0.2040			0.118	0.100		
Hexachlorobenzene	Ave	0.2101			0.0900	0.100		
Atrazine	Ave	0.1501			0.105	0.100		
Pentachlorophenol	Qua				0.478	0.200		
Phenanthrene	Ave	1.093			0.104	0.100		
Anthracene	Ave	1.086			0.101	0.100		
Carbazole	Ave	1.055			0.0990	0.100		
Di-n-butyl phthalate	Ave	1.185			0.109	0.100		
Fluoranthene	Ave	1.207			0.107	0.100		
Benzidine	Qua				0.448	0.100		
Pyrene	Ave	1.276			0.114	0.100		
Butyl benzyl phthalate	Qua				0.236	0.100		
3,3'-Dichlorobenzidine	Qua				0.295	0.100		
Bis(2-ethylhexyl) phthalate	Qua				0.303	0.100		
Benzo[a]anthracene	Ave	1.116			0.117	0.100		
Chrysene	Ave	1.064			0.111	0.100		
Di-n-octyl phthalate	Qua				0.420	0.100		
Benzo[b]fluoranthene	Ave	1.276			0.117	0.100		
Benzo[k]fluoranthene	Ave	1.387			0.111	0.100		
Benzo[a]pyrene	Qua				0.219	0.100		
Indeno[1,2,3-cd]pyrene	Qua				0.148	0.100		
Dibenz(a,h)anthracene	Qua				0.240	0.100		
Benzo[g,h,i]perylene	Ave	1.145			0.0688	0.100		
1,4-Dioxane	Ave	0.4642			0.000800	0.100		
2,4-Dinitrophenol	Qua				0.00240	0.200		
2,4-Dinitrotoluene	Qua				0.000800	0.100		
4,6-Dinitro-2-methylphenol	Qua				0.00240	0.100		
4-Nitrophenol	Ave	0.1694			0.00240	0.100		
Benzoic acid	Qua				0.0100	0.200		
Caprolactam	Qua				0.000800	0.100		
Hexachlorocyclopentadiene	Ave	0.3241			0.000800	0.100		
N-Nitrosodimethylamine	Qua				0.000800	0.100		
Pyridine	Ave	1.330			0.000800	0.100		
2-Fluorophenol (Surr)	Ave	1.236			0.0650	0.100	65	35-105
Phenol-d5 (Surr)	Ave	1.570			0.103	0.100	103*	40-100
Nitrobenzene-d5 (Surr)	Ave	0.3517			0.105	0.100	105*	35-100
2-Fluorobiphenyl (Surr)	Ave	1.298			0.0929	0.100	93	45-105

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: mdll1 Calibration Date: 11/21/2012 17:56

Instrument ID: A4HP7 Calib Start Date: 11/07/2012 11:44

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 11/07/2012 14:51

Lab File ID: 21121018.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
2,4,6-Tribromophenol (Surr)	Ave	0.1655			0.0554	0.100	55	35-125
Terphenyl-d14 (Surr)	Ave	0.7408			0.101	0.100	101	30-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121018.D		
Lims ID:	mdll1	Client ID:	
Inject. Date:	21-Nov-2012 17:56:30	Dil. Factor:	1.0000
Sample Type:	LODV		
Sample ID:	240-0015157-018		
Misc. Info.:	mdll1		
Operator:	001710	Instrument ID:	A4HP7
Injection Vol:	1.0 ul	ALS Bottle#:	18
Lims Batch ID:	65876	Lims Sample ID:	18
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP7\20121121-15157.b\8270_hp7.m		
Last Update:	26-Nov-2012 10:23:54	Calib Date:	14-Nov-2012 18:19:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP7\20121114-14953.b\21114010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK004		
First Level Reviewer: gruberj		Date:	23-Nov-2012 08:15:57

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.869	5.863	0.005	95	216046	4.00	
* 2 Naphthalene-d8	136	6.986	6.986	0.0	100	822023	4.00	
* 3 Acenaphthene-d10	164	8.479	8.479	0.0	93	470585	4.00	
* 4 Phenanthrene-d10	188	9.736	9.736	0.0	99	817517	4.00	
* 5 Chrysene-d12	240	12.255	12.255	0.0	98	839850	4.00	
* 6 Perylene-d12	264	14.298	14.298	0.0	93	634801	4.00	
$ 7 2-Fluorophenol	112	4.601	4.595	0.006	53	4343	0.0650	
$ 8 Phenol-d5	99	5.510	5.510	0.0	73	8743	0.1031	
$ 9 Nitrobenzene-d5	82	6.355	6.355	0.0	70	7560	0.1046	
$ 10 2-Fluorobiphenyl (Surr)	172	7.896	7.896	0.0	84	14184	0.0929	
$ 11 2,4,6-Tribromophenol	330	9.147	9.147	0.0	13	1078	0.0554	
$ 12 Terphenyl-d14	244	11.078	11.083	-0.005	81	15658	0.1007	
20 2,5-Dichlorophenol	1		0.000					
22 3-Methylcatechol	1		0.000					
21 Octachlorostyrene	1		0.000					
236 4-isopropylphenol TIC	1		0.000					
234 2-Isopropylphenol TIC	1		0.000					
240 3-isopropylphenol TIC	1		0.000					
13 Bis(2-hydroxyphenyl)methane	1		0.000					
238 Trimethyl phosphate TIC	1		0.000					
241 Tricresyl phosphate TIC	1		0.000					
243 3-(1,1-Dimethylethyl Phenol) TIC	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
19 Bis(4-hydroxyphenyl)methane	1		0.000					
237 Tris(2,3-dibromopropyl)phosphate	1		0.000					
17 4-Chlorophenol	1		0.000					
23 Octachlorocyclopentene	1		0.000					
235 2,3,7,8-TCDD TIC	1		0.000					
239 2,3,7,8 TCDF TIC	1		0.000					
14 4-Methylcatechol	1		0.000					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
242 Triphenyl Phosphate TIC	1		0.000					
15 Catechol	1		0.000					
24 1,4-Dioxane	88		2.322					
25 N-Nitrosodimethylamine	74		2.761					9
26 Pyridine	79		2.825					
232 1-Methyl-2-pyrrilidinone	99		3.271					
27 Ethyl methacrylate	69		3.515					9
18 Dimethylformamide	73		3.545					
28 3-Chloropropionitrile	54		3.916					
30 2-Picoline	93		3.964					9
31 N-Nitrosomethylethylamine	88		4.103					9
32 Malononitrile	66		4.280					9
33 Acrylamide	71	4.398	4.401	-0.003	1	112	0	
34 Methyl methanesulfonate	80		4.451					
29 3-Picoline	93		4.510					
233 n,n'-Dimethylacetamide	44	4.510	4.536	-0.026	0	502	0	
35 N-Nitrosodiethylamine	102		4.868					
36 Ethyl methanesulfonate	79		5.162					9
37 2-Methylcyclohexanone	68	5.387	5.376	0.011	1	72	0	
38 3-Methylcyclohexanone	69	5.435	5.414	0.021	1	383	0	
39 4-Methylcyclohexanone	55	5.489	5.462	0.027	1	1234	0	
40 Benzaldehyde	77	5.467	5.467	0.0	81	6118	0.1086	
41 Phenol	94	5.521	5.521	0.0	90	8592	0.0950	
42 Phenylmercaptan	110		5.524					
43 Aniline	93	5.558	5.564	-0.006	66	11792	0.1043	
44 Bis(2-chloroethyl)ether	93	5.617	5.617	0.0	78	7744	0.1109	
45 Pentachloroethane	167		5.633					
46 2-Chlorophenol	128	5.671	5.671	0.0	83	7845	0.1074	
47 1,3-Dichlorobenzene	146	5.815	5.815	0.0	85	8423	0.1070	
48 1,4-Dichlorobenzene	146	5.879	5.879	0.0	45	7374	0.0943	
49 Benzyl alcohol	108	5.981	5.981	0.0	73	4650	0.1033	
50 1,2-Dichlorobenzene	146	6.018	6.018	0.0	71	7263	0.0974	
51 2-Methylphenol	108	6.072	6.072	0.0	84	6677	0.1013	
52 2,2'-oxybis[1-chloropropane]	45	6.099	6.098	0.0	69	11527	0.1125	
53 Indene	115		6.107					9
191 3 & 4 Methylphenol	108	6.205	6.200	0.005	90	5756	0.0833	
56 N-Nitrosodi-n-propylamine	70	6.211	6.211	0.0	76	5756	0.1176	
55 N-Nitrosopyrrolidine	100		6.216					
57 Acetophenone	105	6.216	6.216	0.0	80	9704	0.0994	
58 N-Nitrosomorpholine	56		6.248					9
59 2-Toluidine	106		6.269					
60 Hexachloroethane	117	6.323	6.323	0.0	67	2195	0.0691	
61 Nitrobenzene	77	6.371	6.371	0.0	76	7045	0.0943	
62 N-Nitrosopiperidine	114		6.521					
63 Isophorone	82	6.575	6.574	0.001	92	14908	0.1137	
65 2-Nitrophenol	139	6.649	6.649	0.0	78	3691	0.1050	
66 1,3,5-Trichlorobenzene	180	6.660	6.660	0.0	79	6820	0.1046	
64 2,4-Dimethylphenol	107	6.671	6.671	0.0	88	6975	0.1009	
69 Benzoic acid	122		6.735					9
67 o,o',o''-Triethylphosphorothioat	198		6.740					
68 Bis(2-chloroethoxy)methane	93	6.756	6.756	0.0	87	8050	0.0967	
71 2,4-Dichlorophenol	162	6.853	6.853	0.0	80	5561	0.1018	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
70 alpha,alpha-Dimethyl phenethylam	58		6.863					
72 1,2,4-Trichlorobenzene	180	6.933	6.933	0.0	87	6697	0.1028	
73 Naphthalene	128	7.002	7.002	0.0	65	19511	0.0950	
74 4-Chloroaniline	127	7.040	7.040	0.0	79	7604	0.0868	
75 2,6-Dichlorophenol	162		7.066					
76 Hexachloropropene	213		7.093					9
77 Hexachlorobutadiene	225	7.099	7.104	-0.005	62	3738	0.1060	
78 1,2,3-Trichlorobenzene	180	7.125	7.125	0.0	82	6104	0	
79 Benzothiazole	135		7.235					9
80 Quinoline	129		7.300					9
83 Caprolactam	113		7.323					9
81 N-Nitrosodi-n-butylamine	84		7.328					9
82 p-Phenylene diamine	108		7.355					9
84 4-Chloro-3-methylphenol	107	7.436	7.436	0.0	75	5414	0.0923	
93 Safrole, Total	162		7.521					
85 2-Methylnaphthalene	142	7.591	7.596	-0.005	79	13384	0.1019	
86 1-Methylnaphthalene	142	7.676	7.682	-0.006	81	13320	0.1065	
87 1,2,3,5-Tetrachlorobenzene	216	7.719	7.719	0.0	84	7228	0.1130	
88 Hexachlorocyclopentadiene	237		7.724					
89 1,2,4,5-Tetrachlorobenzene	216		7.751					
225 Isosafrole Peak 1	162		7.767					14
90 2,4,6-Trichlorophenol	196	7.826	7.826	0.0	66	3677	0.0927	
91 2,4,5-Trichlorophenol	196	7.858	7.853	0.005	71	3096	0.0725	
227 Isosafrole Peak 2	162		7.960					
94 2,4-Toluene diamine	121	7.965	7.965	0.0	78	5206	0.1244	
96 1,2,3,4 -Tetrachlorobenzene	216	7.976	7.976	0.0	72	6786	0	
95 1,1'-Biphenyl	154	7.981	7.987	-0.006	93	17905	0.1077	
98 2-Chloronaphthalene	162	8.008	8.008	0.0	85	14198	0.1093	
97 3,4-Dichloronitrobenzene	109		8.022					9
99 Phenyl ether	170		8.081					
100 2-Nitroaniline	65	8.088	8.083	0.005	49	4264	0.1118	
101 1,4-Naphthoquinone	158		8.168					
102 1,4-Dinitrobenzene	168		8.211					
103 Dimethyl phthalate	163	8.222	8.222	0.0	91	15411	0.1115	
104 1,3-Dinitrobenzene	168		8.275					
105 2,6-Dinitrotoluene	165	8.281	8.281	0.0	67	2913	0.4923	
106 1,2-Dinitrobenzene	168	8.329	8.329	0.0	60	1261	0.0822	
107 Acenaphthylene	152	8.366	8.361	0.005	83	20915	0.0974	
108 3-Nitroaniline	138	8.431	8.425	0.005	67	3692	0.1067	
110 Acenaphthene	153	8.511	8.511	0.0	79	13880	0.1075	
109 2,4-Dinitrophenol	184		8.516					
111 4-Nitrophenol	109		8.548					9
112 2,4-Dinitrotoluene	165		8.623					9
113 Pentachlorobenzene	250		8.633					
114 Dibenzofuran	168	8.650	8.655	-0.005	77	20166	0.1053	
115 2,3,5,6-Tetrachlorophenol	232		8.709					9
116 1-Naphthylamine	143		8.735					
117 2,3,4,6-Tetrachlorophenol	232		8.762					9
118 2-Naphthylamine	143		8.799					
119 Diethyl phthalate	149	8.810	8.816	-0.006	91	16452	0.1139	
120 Thionazin	97		8.901					9
121 4-Chlorophenyl phenyl ether	204	8.928	8.928	0.0	80	7502	0.1031	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
123 4-Nitroaniline	138	8.949	8.944	0.005	40	3161	0.3625	
124 Fluorene	166	8.944	8.944	0.0	79	15468	0.1005	
122 N-Nitro-o-toluidine	152		8.954					9
126 4,6-Dinitro-2-methylphenol	198		8.965					
125 Tributyl phosphate	99	8.981	8.992	-0.011	63	2816	0.4140	
130 N-Nitrosodiphenylamine	169	9.024	9.024	0.0	0	12770	0.1133	
128 Diphenylamine	169	9.024	9.040	-0.016	87	12770	0.1033	
131 Azobenzene	77	9.062	9.062	0.0	91	15249	0.0958	
129 1,2-Diphenylhydrazine	77	9.062	9.062	0.0	0	15262	0.0959	
132 Sulfotepp	202		9.152					9
133 1,3,5-Trinitrobenzene	213		9.238					
228 Diallate Peak 1	86		9.275					
135 Phenacetin	108		9.281					
136 Phorate	121		9.286					
137 4-Bromophenyl phenyl ether	248	9.345	9.345	0.0	44	4937	0.1184	
230 Diallate Peak 2	86		9.356					
139 Hexachlorobenzene	284	9.409	9.409	0.0	61	3863	0.0900	
138 Dimethoate	87		9.430					
140 Atrazine	200	9.457	9.457	0.0	54	3224	0.1051	
141 Pentachlorophenol	266	9.570	9.564	0.006	33	2948	0.4777	
127 4-Aminobiphenyl	169		9.575					
143 Pentachloronitrobenzene	237		9.591					
142 Pronamide	173		9.607					
145 Dinoseb	211		9.719					
144 Disulfoton	88		9.725					
146 Phenanthrene	178	9.757	9.757	0.0	77	23287	0.1043	
147 Anthracene	178	9.800	9.800	0.0	84	22444	0.1011	
148 DFTPP								
149 Carbazole	167	9.928	9.928	0.0	82	21334	0.0990	
150 Methyl parathion	109		10.045					9
151 Di-n-butyl phthalate	149	10.185	10.185	0.0	97	26440	0.1092	
152 Diphenylsulfone	125		10.209					
153 Ethyl Parathion	97		10.366					
154 4-Nitroquinoline-1-oxide	190		10.420					
155 Methapyrilene	58		10.463					9
156 Isodrin	66		10.655					
157 Fluoranthene	202	10.763	10.762	0.0	95	26475	0.1073	
158 Benzidine	184	10.859	10.859	0.0	60	6808	0.4475	
160 Pyrene	202	10.971	10.971	0.0	95	30426	0.1135	
164 4,4'-DDE	246		11.019					9
226 Aramite Peak 1	185		11.056					
229 Aramite Peak 2	185		11.126					
161 p-Dimethylamino azobenzene	225		11.233					
162 Chlorobenzilate	139		11.265					9
163 4,4'-DDD	235		11.388					9
165 Famphur	218		11.522					
166 Butyl benzyl phthalate	149	11.549	11.549	0.0	81	12164	0.2362	
167 3,3'-Dimethylbenzidine	212		11.581					
168 4,4'-DDT	235		11.672					9
169 2-Acetylaminofluorene	181		11.859					
170 3,3'-Dimethoxybenzidine	244		12.148					9
173 3,3'-Dichlorobenzidine	252	12.191	12.191	0.0	27	9181	0.2952	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
172 4,4'-Methylene bis(2-chloroanili	231		12.191					9
171 Bis(2-ethylhexyl) phthalate	149	12.207	12.207	0.0	87	17186	0.3032	
175 Benzo[a]anthracene	228	12.244	12.244	0.0	75	27504	0.1173	
176 Chrysene	228	12.287	12.287	0.0	62	24760	0.1108	
174 Hexabromobenzene	232		12.290					
177 6-Methylchrysene	242		12.894					
178 Di-n-octyl phthalate	149	13.105	13.100	0.005	65	20705	0.4196	
180 Benzo[b]fluoranthene	252	13.720	13.726	-0.006	89	23764	0.1173	
179 7,12-Dimethylbenz(a)anthracene	256		13.736					
181 Benzo[k]fluoranthene	252	13.758	13.763	-0.005	81	24531	0.1115	
182 Benzo[a]pyrene	252	14.212	14.212	0.0	49	21774	0.2192	
183 3-Methylcholanthrene	268		14.774					
184 Dibenz[a,j]acridine	279		15.595					
185 Dibenz[a,h]acridine	279		15.670					9
186 Indeno[1,2,3-cd]pyrene	276	15.924	15.929	-0.005	56	15147	0.1483	M
187 Dibenz(a,h)anthracene	278	15.951	15.956	-0.005	0	14046	0.2400	M
188 Benzo[g,h,i]perylene	276	16.352	16.362	-0.010	62	12508	0.0688	M
S 189 Methyl Phenols,Total	100				0		0.1013	
S 92 Isosafrole	162		5.138					7
S 134 Diallate	86		6.337					7
S 159 Aramite, Total	185		7.806					7
T 195 Hexamethylphosphoramide TIC	1		0.000					1
T 193 Hydroquinone TIC	110		0.000					1
T 231 2,3,7,8-TCDD	1		0.000					1
T 192 Decane TIC	142	3.044	3.050	-0.006	1	51	0	
T 194 Octadecane (TIC)	254	6.371	6.300	0.071	1	50	0	
T 196 Kepone TIC	1		8.281					1
T 197 Hexachlorophene TIC	1		9.269					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
4 - Failed Signal Ratio Test
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

Review Flags
M - Manually Integrated

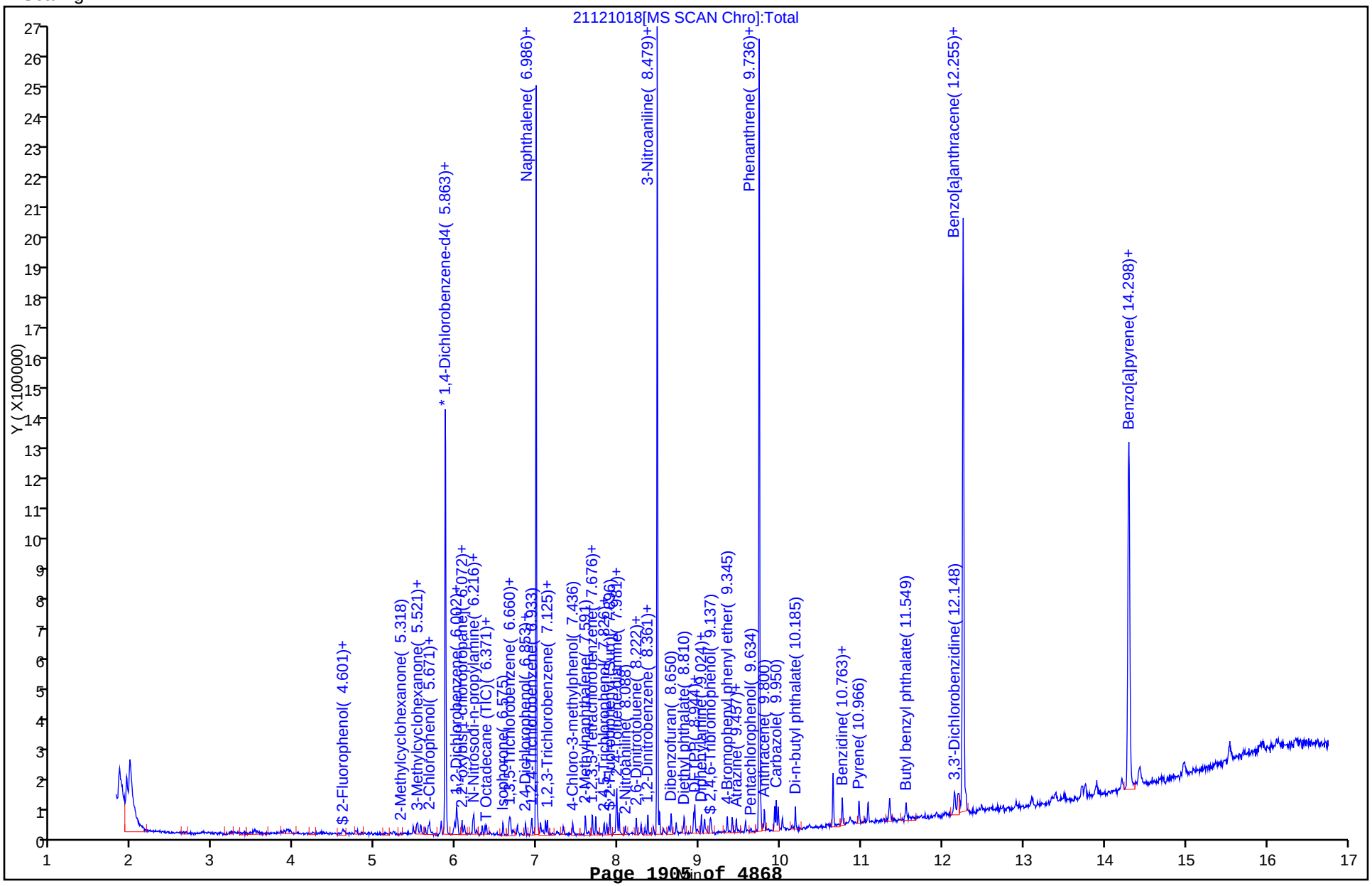
Report Date: 27-Nov-2012 10:10:15 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121018.D

Injection Date:	21-Nov-2012 17:56:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	18
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



Manual Integration/User Assign Peak Report

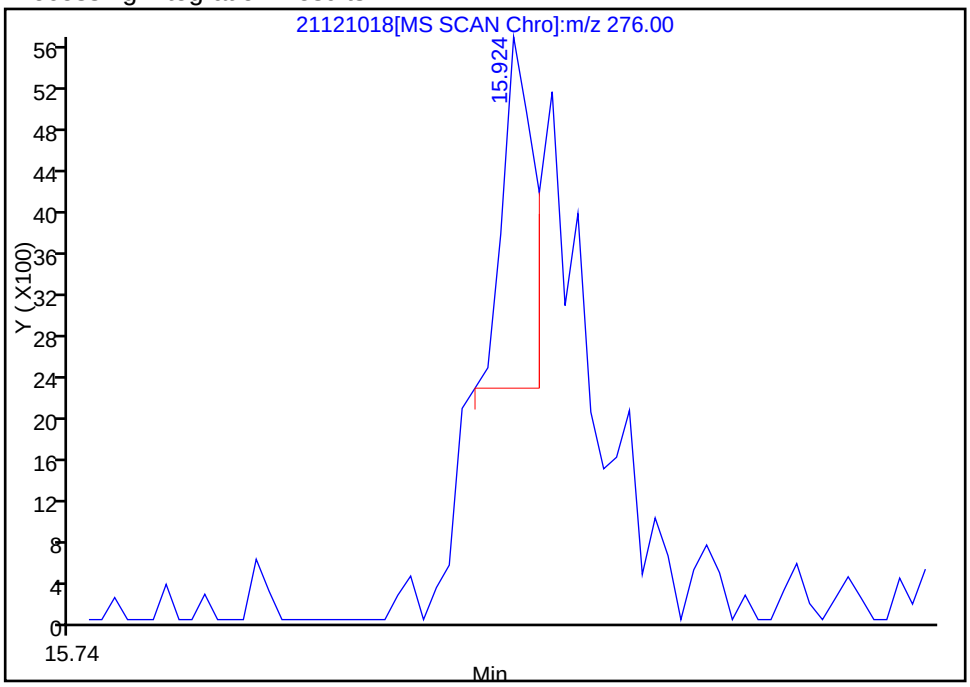
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121018.D		
Injection Date:	21-Nov-2012 17:56:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	18
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

186 Indeno[1,2,3-cd]pyrene, Signal: 1, m/z: 276.0 Type: quant, RT: 15.93

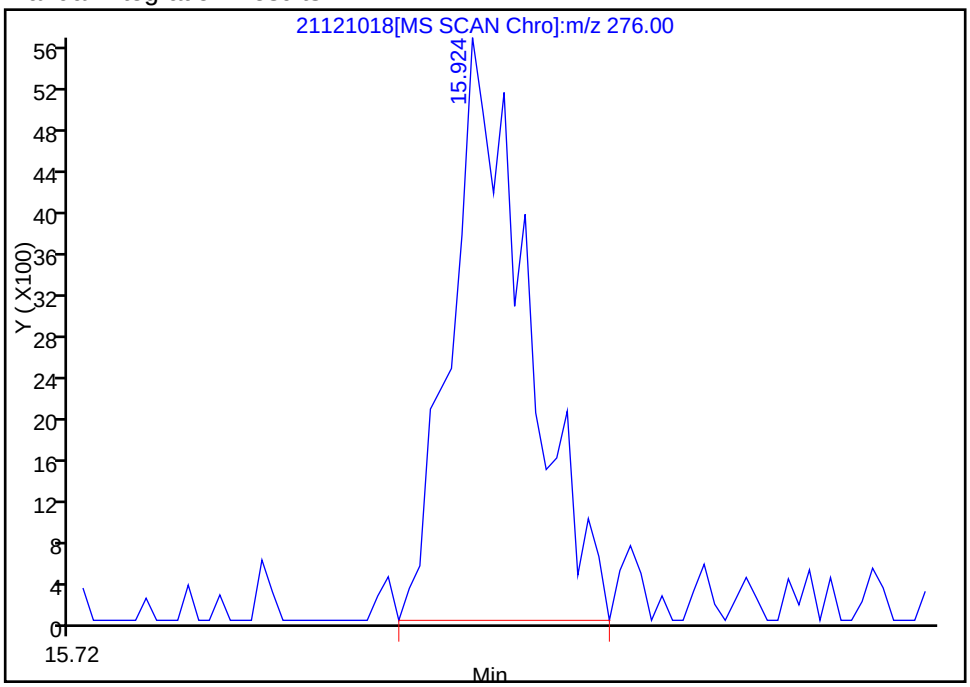
Processing Integration Results

RT: 15.92
Response: 3101
Amount: 0.094822



Manual Integration Results

RT: 15.92
Response: 15147
Amount: 0.148308



Reviewer: gruberj, 23-Nov-2012 08:15:57
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

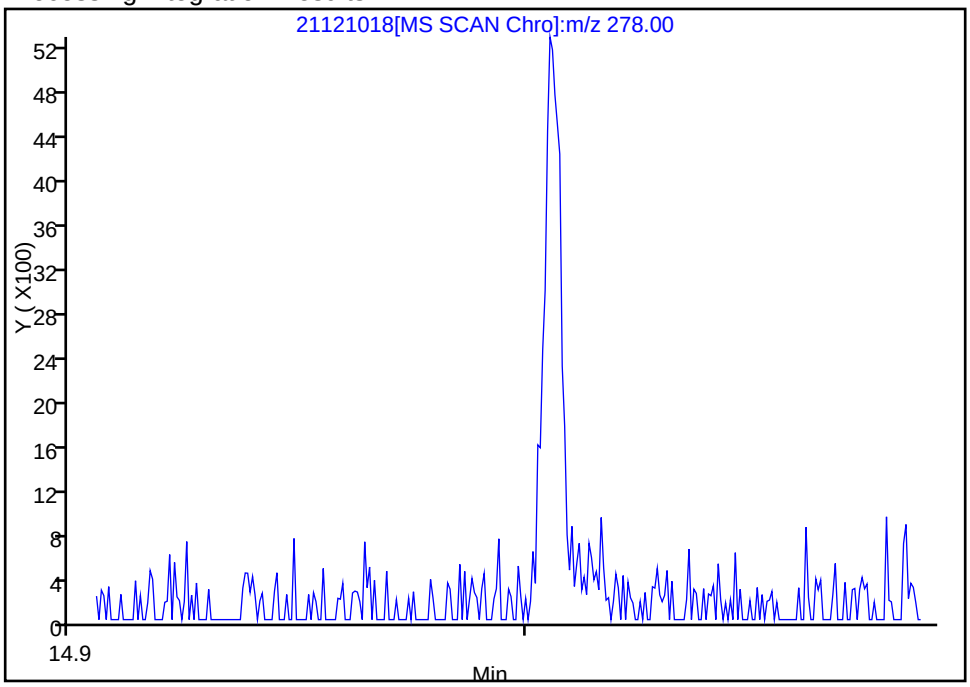
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121018.D		
Injection Date:	21-Nov-2012 17:56:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	18
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

187 Dibenz(a,h)anthracene, Signal: 1, m/z: 278.0 Type: quant, RT: 15.96

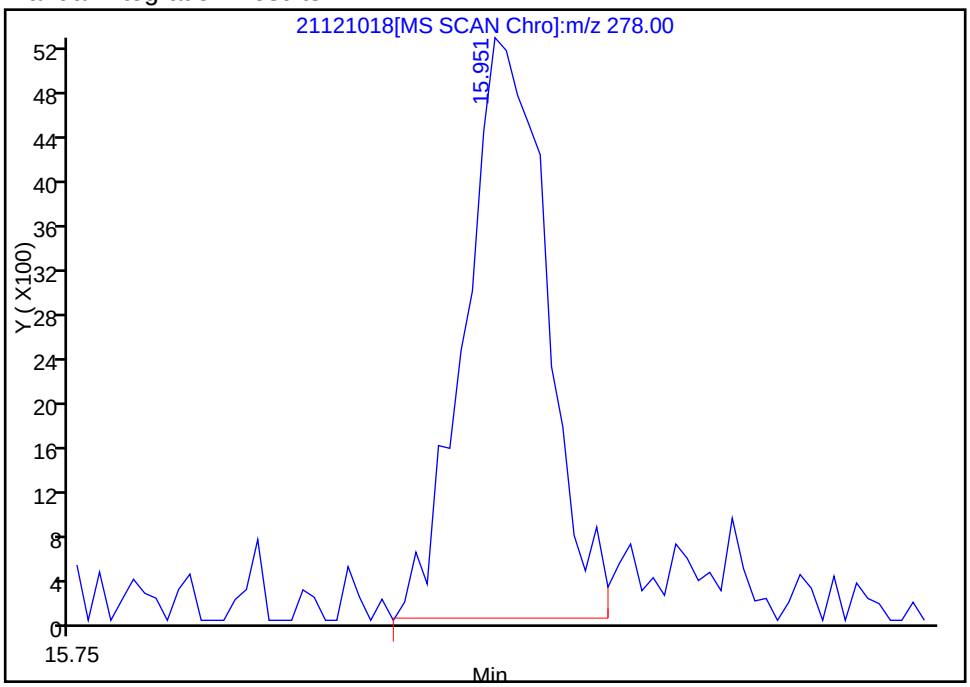
Processing Integration Results

Not Detected
Expected RT: 15.96



Manual Integration Results

RT: 15.95
Response: 14046
Amount: 0.240026



Reviewer: gruberj, 23-Nov-2012 08:15:57
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

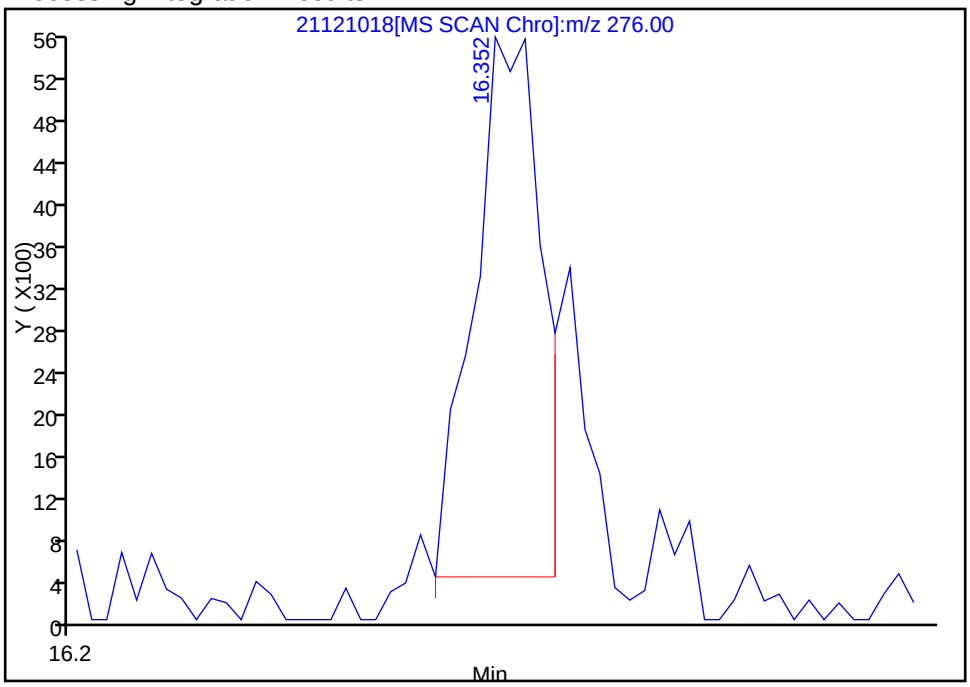
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121018.D		
Injection Date:	21-Nov-2012 17:56:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	18
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

188 Benzo[g,h,i]perylene, Signal: 1, m/z: 276.0 Type: quant, RT: 16.36

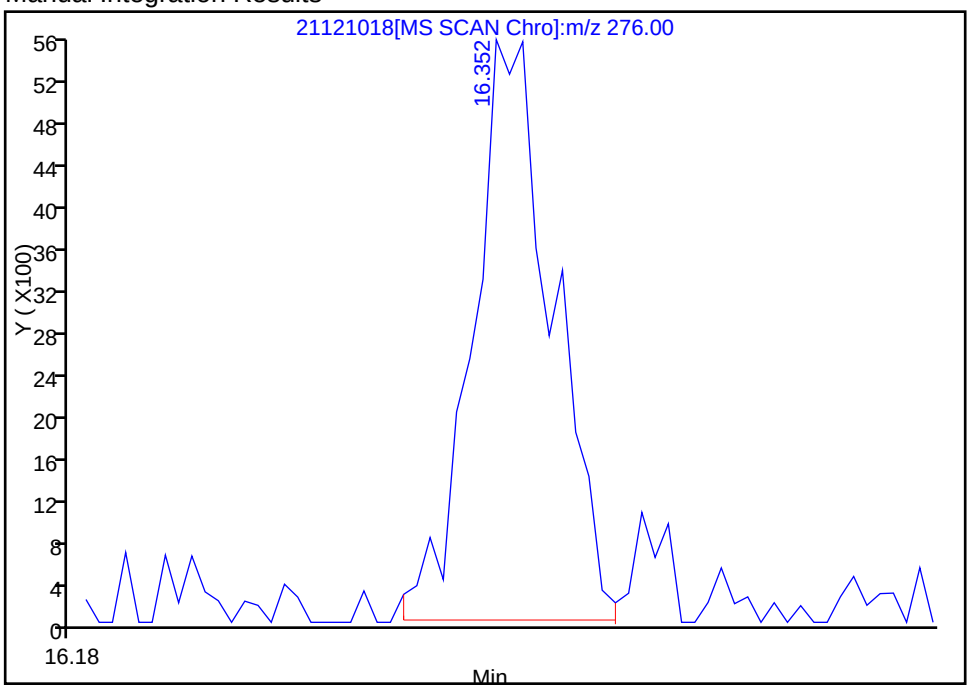
Processing Integration Results

RT: 16.35
Response: 8729
Amount: 0.048030



Manual Integration Results

RT: 16.35
Response: 12508
Amount: 0.068823



Reviewer: gruberj, 23-Nov-2012 08:15:57
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: mdll2 Calibration Date: 11/21/2012 18:20

Instrument ID: A4HP7 Calib Start Date: 11/07/2012 11:44

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 11/07/2012 14:51

Lab File ID: 21121019.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.4642			0.513	0.500		
N-Nitrosodimethylamine	Qua				0.731	0.500		
Pyridine	Ave	1.330			0.378	0.500		
Benzaldehyde	Ave	1.043			0.550	0.500		
Phenol	Ave	1.674			0.496	0.500		
Aniline	Ave	2.093			0.487	0.500		
Bis(2-chloroethyl)ether	Ave	1.293			0.481	0.500		
2-Chlorophenol	Ave	1.352			0.508	0.500		
1,3-Dichlorobenzene	Ave	1.457			0.527	0.500		
1,4-Dichlorobenzene	Ave	1.448			0.480	0.500		
Benzyl alcohol	Ave	0.8332			0.458	0.500		
1,2-Dichlorobenzene	Ave	1.380			0.500	0.500		
2-Methylphenol	Ave	1.220			0.493	0.500		
3 & 4 Methylphenol	Ave	1.279			0.466	0.500		
N-Nitrosodi-n-propylamine	Ave	0.9059			0.558	0.500		
Acetophenone	Ave	1.808			0.484	0.500		
Hexachloroethane	Ave	0.5884			0.434	0.500		
Nitrobenzene	Ave	0.3635			0.497	0.500		
Isophorone	Ave	0.6380			0.511	0.500		
2-Nitrophenol	Ave	0.1710			0.470	0.500		
2,4-Dimethylphenol	Ave	0.3362			0.512	0.500		
Benzoic acid	Qua				1.77	1.00		
Bis(2-chloroethoxy)methane	Ave	0.4052			0.485	0.500		
2,4-Dichlorophenol	Ave	0.2657			0.499	0.500		
1,2,4-Trichlorobenzene	Ave	0.3169			0.522	0.500		
Naphthalene	Ave	0.999			0.492	0.500		
Hexachlorobutadiene	Ave	0.1716			0.482	0.500		
Caprolactam	Qua				0.873	0.500		
4-Chloro-3-methylphenol	Ave	0.2854			0.487	0.500		
2-Methylnaphthalene	Ave	0.6393			0.510	0.500		
Hexachlorocyclopentadiene	Ave	0.3241			0.0957	0.500		
2,4,6-Trichlorophenol	Ave	0.3372			0.464	0.500		
2,4,5-Trichlorophenol	Ave	0.3632			0.472	0.500		
1,1'-Biphenyl	Ave	1.413			0.509	0.500		
2-Chloronaphthalene	Ave	1.105			0.488	0.500		
2-Nitroaniline	Ave	0.3242			0.482	0.500		
Dimethyl phthalate	Ave	1.175			0.500	0.500		
2,6-Dinitrotoluene	Qua				0.816	0.500		
Acenaphthylene	Ave	1.825			0.494	0.500		
3-Nitroaniline	Ave	0.2941			0.417	0.500		
Acenaphthene	Ave	1.097			0.522	0.500		

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: mdll2 Calibration Date: 11/21/2012 18:20

Instrument ID: A4HP7 Calib Start Date: 11/07/2012 11:44

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 11/07/2012 14:51

Lab File ID: 21121019.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,4-Dinitrophenol	Qua				2.33	1.00		
4-Nitrophenol	Ave	0.1694			0.350	0.500		
2,4-Dinitrotoluene	Qua				0.701	0.500		
Dibenzofuran	Ave	1.629			0.502	0.500		
Diethyl phthalate	Ave	1.228			0.500	0.500		
4-Chlorophenyl phenyl ether	Ave	0.6187			0.492	0.500		
4-Nitroaniline	Qua				0.630	0.500		
Fluorene	Ave	1.308			0.502	0.500		
4,6-Dinitro-2-methylphenol	Qua				0.764	0.500		
N-Nitrosodiphenylamine	Ave	0.5517			0.472	0.500		
1,2-Diphenylhydrazine(as Azobenzene)	Ave	0.7785			0.454	0.500		
4-Bromophenyl phenyl ether	Ave	0.2040			0.484	0.500		
Hexachlorobenzene	Ave	0.2101			0.542	0.500		
Atrazine	Ave	0.1501			0.489	0.500		
Pentachlorophenol	Qua				1.02	1.00		
Phenanthrene	Ave	1.093			0.501	0.500		
Anthracene	Ave	1.086			0.498	0.500		
Carbazole	Ave	1.055			0.489	0.500		
Di-n-butyl phthalate	Ave	1.185			0.501	0.500		
Fluoranthene	Ave	1.207			0.512	0.500		
Benzidine	Qua				0.726	0.500		
Pyrene	Ave	1.276			0.478	0.500		
Butyl benzyl phthalate	Qua				0.624	0.500		
3,3'-Dichlorobenzidine	Qua				0.655	0.500		
Bis(2-ethylhexyl) phthalate	Qua				0.630	0.500		
Benzo[a]anthracene	Ave	1.116			0.520	0.500		
Chrysene	Ave	1.064			0.523	0.500		
Di-n-octyl phthalate	Qua				0.779	0.500		
Benzo[b]fluoranthene	Ave	1.276			0.549	0.500		
Benzo[k]fluoranthene	Ave	1.387			0.531	0.500		
Benzo[a]pyrene	Qua				0.568	0.500		
Indeno[1,2,3-cd]pyrene	Qua				0.374	0.500		
Dibenz(a,h)anthracene	Qua				0.495	0.500		
Benzo[g,h,i]perylene	Ave	1.145			0.292	0.500		
2-Fluorophenol (Surr)	Ave	1.236			0.511	0.500	102	35-105
Phenol-d5 (Surr)	Ave	1.570			0.491	0.500	98	40-100
Nitrobenzene-d5 (Surr)	Ave	0.3517			0.524	0.500	105*	35-100
2-Fluorobiphenyl (Surr)	Ave	1.298			0.499	0.500	100	45-105
2,4,6-Tribromophenol (Surr)	Ave	0.1655			0.464	0.500	93	35-125
Terphenyl-d14 (Surr)	Ave	0.7408			0.505	0.500	101	30-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121019.D		
Lims ID:	mdll2	Client ID:	
Inject. Date:	21-Nov-2012 18:20:30	Dil. Factor:	1.0000
Sample Type:	LODV		
Sample ID:	240-0015157-019		
Misc. Info.:	mdll2		
Operator:	001710	Instrument ID:	A4HP7
Injection Vol:	1.0 ul	ALS Bottle#:	19
Lims Batch ID:	65876	Lims Sample ID:	19
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP7\20121121-15157.b\8270_hp7.m		
Last Update:	26-Nov-2012 10:23:54	Calib Date:	14-Nov-2012 18:19:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP7\20121114-14953.b\21114010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK004		
First Level Reviewer: gruberj		Date:	23-Nov-2012 08:20:05

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.868	5.863	0.005	94	218463	4.00	
* 2 Naphthalene-d8	136	6.986	6.986	0.0	99	816027	4.00	
* 3 Acenaphthene-d10	164	8.479	8.479	0.0	93	480887	4.00	
* 4 Phenanthrene-d10	188	9.735	9.736	-0.001	99	822351	4.00	
* 5 Chrysene-d12	240	12.255	12.255	0.0	97	840701	4.00	
* 6 Perylene-d12	264	14.298	14.298	0.0	97	634917	4.00	
$ 7 2-Fluorophenol	112	4.595	4.595	0.0	84	34503	0.5109	
$ 8 Phenol-d5	99	5.510	5.510	0.0	94	42056	0.4905	
$ 9 Nitrobenzene-d5	82	6.355	6.355	0.0	89	37590	0.5239	
$ 10 2-Fluorobiphenyl (Surr)	172	7.896	7.896	0.0	98	77830	0.4989	
$ 11 2,4,6-Tribromophenol	330	9.147	9.147	0.0	62	9240	0.4645	
$ 12 Terphenyl-d14	244	11.083	11.083	0.0	96	78617	0.5049	
20 2,5-Dichlorophenol	1		0.000					
22 3-Methylcatechol	1		0.000					
21 Octachlorostyrene	1		0.000					
236 4-isopropylphenol TIC	1		0.000					
234 2-Isopropylphenol TIC	1		0.000					
240 3-isopropylphenol TIC	1		0.000					
13 Bis(2-hydroxyphenyl)methane	1		0.000					
238 Trimethyl phosphate TIC	1		0.000					
241 Tricresyl phosphate TIC	1		0.000					
243 3-(1,1-Dimethylethyl Phenol) TIC	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
19 Bis(4-hydroxyphenyl)methane	1		0.000					
237 Tris(2,3-dibromopropyl)phosphate	1		0.000					
17 4-Chlorophenol	1		0.000					
23 Octachlorocyclopentene	1		0.000					
235 2,3,7,8-TCDD TIC	1		0.000					
239 2,3,7,8 TCDF TIC	1		0.000					
14 4-Methylcatechol	1		0.000					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
242 Triphenyl Phosphate TIC	1		0.000					
15 Catechol	1		0.000					
24 1,4-Dioxane	88	2.328	2.322	0.006	52	13001	0.5128	M
25 N-Nitrosodimethylamine	74	2.777	2.761	0.016	83	16422	0.7306	
26 Pyridine	79	2.841	2.825	0.016	68	27433	0.3776	
232 1-Methyl-2-pyrrilidinone	99		3.271					
27 Ethyl methacrylate	69	3.510	3.515	-0.005	85	26463	0.4384	
18 Dimethylformamide	73		3.545					
28 3-Chloropropionitrile	54	3.927	3.916	0.011	85	13254	0.3290	
30 2-Picoline	93		3.964					
31 N-Nitrosomethylethylamine	88		4.103					
32 Malononitrile	66	4.296	4.280	0.016	96	20673	0.2720	
33 Acrylamide	71		4.401					
34 Methyl methanesulfonate	80		4.451					
29 3-Picoline	93		4.510					
233 n,n'-Dimethylacetamide	44		4.536					
35 N-Nitrosodiethylamine	102		4.868					
36 Ethyl methanesulfonate	79		5.162					9
37 2-Methylcyclohexanone	68		5.376					
38 3-Methylcyclohexanone	69		5.414					
39 4-Methylcyclohexanone	55		5.462					
40 Benzaldehyde	77	5.467	5.467	0.0	90	31309	0.5497	
41 Phenol	94	5.521	5.521	0.0	96	45300	0.4956	
42 Phenylmercaptan	110		5.524					
43 Aniline	93	5.564	5.564	0.0	95	55635	0.4866	
44 Bis(2-chloroethyl)ether	93	5.617	5.617	0.0	88	33978	0.4812	
45 Pentachloroethane	167		5.633					
46 2-Chlorophenol	128	5.671	5.671	-0.001	95	37536	0.5083	
47 1,3-Dichlorobenzene	146	5.815	5.815	0.0	95	41967	0.5272	
48 1,4-Dichlorobenzene	146	5.884	5.879	0.005	61	37984	0.4804	
49 Benzyl alcohol	108	5.981	5.981	0.0	89	20829	0.4577	
50 1,2-Dichlorobenzene	146	6.018	6.018	0.0	90	37690	0.4999	
51 2-Methylphenol	108	6.072	6.072	0.0	93	32861	0.4932	
52 2,2'-oxybis[1-chloropropane]	45	6.098	6.098	0.0	88	53852	0.5197	
53 Indene	115		6.107					9
191 3 & 4 Methylphenol	108	6.205	6.200	0.005	93	32573	0.4663	
56 N-Nitrosodi-n-propylamine	70	6.211	6.211	0.0	89	27624	0.5584	
55 N-Nitrosopyrrolidine	100		6.216					
57 Acetophenone	105	6.216	6.216	0.0	93	47821	0.4843	
58 N-Nitrosomorpholine	56		6.248					9
59 2-Toluidine	106		6.269					
60 Hexachloroethane	117	6.323	6.323	0.0	94	13961	0.4344	
61 Nitrobenzene	77	6.371	6.371	0.0	84	36874	0.4973	
62 N-Nitrosopiperidine	114		6.521					
63 Isophorone	82	6.574	6.574	0.0	96	66543	0.5112	
65 2-Nitrophenol	139	6.649	6.649	0.0	87	16404	0.4701	
66 1,3,5-Trichlorobenzene	180	6.660	6.660	0.0	95	33213	0.5133	
64 2,4-Dimethylphenol	107	6.671	6.671	0.0	96	35146	0.5124	
69 Benzoic acid	122	6.697	6.735	-0.038	86	16190	1.77	
67 o,o',o''-Triethylphosphorothioat	198		6.740					
68 Bis(2-chloroethoxy)methane	93	6.756	6.756	0.0	96	40053	0.4845	
71 2,4-Dichlorophenol	162	6.853	6.853	0.0	94	27034	0.4987	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
70 alpha,alpha-Dimethyl phenethylam	58		6.863					
72 1,2,4-Trichlorobenzene	180	6.933	6.933	0.0	92	33758	0.5222	
73 Naphthalene	128	7.002	7.002	0.0	68	100232	0.4916	
74 4-Chloroaniline	127	7.040	7.040	0.0	78	39636	0.4560	
75 2,6-Dichlorophenol	162		7.066					
76 Hexachloropropene	213		7.093					
77 Hexachlorobutadiene	225	7.104	7.104	0.0	85	16872	0.4818	
78 1,2,3-Trichlorobenzene	180		7.125					
79 Benzothiazole	135		7.235					
80 Quinoline	129		7.300					
83 Caprolactam	113	7.318	7.323	-0.005	76	10057	0.8731	
81 N-Nitrosodi-n-butylamine	84		7.328					
82 p-Phenylene diamine	108		7.355					9
84 4-Chloro-3-methylphenol	107	7.436	7.436	0.0	94	28352	0.4869	
93 Safrole, Total	162		7.521					
85 2-Methylnaphthalene	142	7.596	7.596	0.0	87	66512	0.5100	
86 1-Methylnaphthalene	142	7.682	7.682	0.0	91	64638	0.5208	
87 1,2,3,5-Tetrachlorobenzene	216	7.719	7.719	0.0	92	33656	0.5149	
88 Hexachlorocyclopentadiene	237	7.724	7.724	0.0	29	3730	0.0957	
89 1,2,4,5-Tetrachlorobenzene	216		7.751					
225 Isosafrole Peak 1	162		7.767					149
90 2,4,6-Trichlorophenol	196	7.826	7.826	0.0	85	18800	0.4638	
91 2,4,5-Trichlorophenol	196	7.858	7.853	0.005	93	20607	0.4719	
227 Isosafrole Peak 2	162		7.960					
94 2,4-Toluene diamine	121	7.965	7.965	0.0	96	22702	0.5465	
96 1,2,3,4 -Tetrachlorobenzene	216	7.976	7.976	0.0	92	33857	0	
95 1,1'-Biphenyl	154	7.981	7.987	-0.006	94	86374	0.5086	
98 2-Chloronaphthalene	162	8.008	8.008	0.0	94	64824	0.4882	
97 3,4-Dichloronitrobenzene	109		8.022					9
99 Phenyl ether	170		8.081					
100 2-Nitroaniline	65	8.083	8.083	0.0	71	18783	0.4819	
101 1,4-Naphthoquinone	158		8.168					
102 1,4-Dinitrobenzene	168		8.211					
103 Dimethyl phthalate	163	8.222	8.222	0.0	97	70620	0.5000	
104 1,3-Dinitrobenzene	168		8.275					
105 2,6-Dinitrotoluene	165	8.281	8.281	0.0	91	13927	0.8156	
106 1,2-Dinitrobenzene	168	8.329	8.329	0.0	80	7243	0.4622	
107 Acenaphthylene	152	8.361	8.361	0.0	92	108360	0.4940	
108 3-Nitroaniline	138	8.425	8.425	0.0	85	14753	0.4173	
110 Acenaphthene	153	8.511	8.511	0.0	86	68857	0.5220	
109 2,4-Dinitrophenol	184	8.516	8.516	0.0	2	1277	2.33	
111 4-Nitrophenol	109	8.553	8.548	0.005	81	7133	0.3503	
112 2,4-Dinitrotoluene	165	8.623	8.623	0.0	78	15959	0.7011	
113 Pentachlorobenzene	250		8.633					
114 Dibenzofuran	168	8.655	8.655	0.0	92	98255	0.5019	
115 2,3,5,6-Tetrachlorophenol	232	8.714	8.709	0.005	87	13508	0.3753	
116 1-Naphthylamine	143		8.735					
117 2,3,4,6-Tetrachlorophenol	232		8.762					
118 2-Naphthylamine	143		8.799					
119 Diethyl phthalate	149	8.810	8.816	-0.006	96	73854	0.5002	
120 Thionazin	97		8.901					9
121 4-Chlorophenyl phenyl ether	204	8.928	8.928	0.0	91	36594	0.4920	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
123 4-Nitroaniline	138	8.944	8.944	0.0	53	13977	0.6302	
124 Fluorene	166	8.944	8.944	0.0	94	78993	0.5024	
122 N-Nitro-o-toluidine	152		8.954					
126 4,6-Dinitro-2-methylphenol	198	8.965	8.965	0.0	1	2911	0.7642	
125 Tributyl phosphate	99	8.981	8.992	-0.011	75	18280	0.4959	
130 N-Nitrosodiphenylamine	169	9.024	9.024	0.0	0	53551	0.4722	
128 Diphenylamine	169	9.024	9.040	-0.016	92	53551	0.4306	
131 Azobenzene	77	9.062	9.062	0.0	99	72794	0.4548	
129 1,2-Diphenylhydrazine	77	9.062	9.062	0.0	0	72632	0.4538	
132 Sulfotepp	202	9.136	9.152	-0.016	71	8032	0.7295	
133 1,3,5-Trinitrobenzene	213		9.238					
228 Diallate Peak 1	86		9.275					14
135 Phenacetin	108		9.281					
136 Phorate	121		9.286					
137 4-Bromophenyl phenyl ether	248	9.345	9.345	0.0	62	20297	0.4839	
230 Diallate Peak 2	86		9.356					14
139 Hexachlorobenzene	284	9.404	9.409	-0.005	83	23406	0.5419	
138 Dimethoate	87		9.430					9
140 Atrazine	200	9.457	9.457	0.0	85	15108	0.4895	
141 Pentachlorophenol	266	9.564	9.564	0.0	83	18768	1.02	
127 4-Aminobiphenyl	169		9.575					
143 Pentachloronitrobenzene	237		9.591					
142 Pronamide	173		9.607					
145 Dinoseb	211		9.719					
144 Disulfoton	88		9.725					9
146 Phenanthrene	178	9.757	9.757	0.0	91	112552	0.5010	
147 Anthracene	178	9.800	9.800	0.0	95	111220	0.4983	
148 DFTPP								
149 Carbazole	167	9.928	9.928	0.0	81	106085	0.4892	
150 Methyl parathion	109		10.045					9
151 Di-n-butyl phthalate	149	10.185	10.185	0.0	100	121901	0.5006	
152 Diphenylsulfone	125		10.209					
153 Ethyl Parathion	97		10.366					9
154 4-Nitroquinoline-1-oxide	190		10.420					
155 Methapyrilene	58		10.463					9
156 Isodrin	66		10.655					
157 Fluoranthene	202	10.762	10.762	0.0	97	127066	0.5121	
158 Benzidine	184	10.859	10.859	0.0	94	46365	0.7258	
160 Pyrene	202	10.971	10.971	0.0	98	128095	0.4775	
164 4,4'-DDE	246		11.019					9
226 Aramite Peak 1	185		11.056					
229 Aramite Peak 2	185		11.126					
161 p-Dimethylamino azobenzene	225		11.233					
162 Chlorobenzilate	139		11.265					
163 4,4'-DDD	235		11.388					9
165 Famphur	218		11.522					
166 Butyl benzyl phthalate	149	11.549	11.549	0.0	94	54063	0.6243	
167 3,3'-Dimethylbenzidine	212		11.581					
168 4,4'-DDT	235		11.672					
169 2-Acetylaminofluorene	181		11.859					
170 3,3'-Dimethoxybenzidine	244	12.153	12.148	0.005	73	17882	1.02	
173 3,3'-Dichlorobenzidine	252	12.191	12.191	-0.001	62	43201	0.6546	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
172 4,4'-Methylene bis(2-chloroanili	231	12.191	12.191	-0.001	62	19277	0.5855	
171 Bis(2-ethylhexyl) phthalate	149	12.207	12.207	0.0	93	67788	0.6304	
175 Benzo[a]anthracene	228	12.239	12.244	-0.005	93	121914	0.5196	
176 Chrysene	228	12.287	12.287	0.0	88	116886	0.5227	
174 Hexabromobenzene	232		12.290					
177 6-Methylchrysene	242		12.894					
178 Di-n-octyl phthalate	149	13.100	13.100	0.0	97	102327	0.7786	
180 Benzo[b]fluoranthene	252	13.720	13.726	-0.006	91	111134	0.5487	
179 7,12-Dimethylbenz(a)anthracene	256		13.736					
181 Benzo[k]fluoranthene	252	13.763	13.763	0.0	96	116793	0.5307	
182 Benzo[a]pyrene	252	14.212	14.212	0.0	71	93220	0.5680	
183 3-Methylcholanthrene	268		14.774					9
184 Dibenz[a,j]acridine	279		15.595					
185 Dibenz[a,h]acridine	279		15.670					
186 Indeno[1,2,3-cd]pyrene	276	15.924	15.929	-0.005	85	66130	0.3744	
187 Dibenz(a,h)anthracene	278	15.951	15.956	-0.005	65	64144	0.4946	
188 Benzo[g,h,i]perylene	276	16.357	16.362	-0.005	84	53164	0.2925	
S 189 Methyl Phenols,Total	100				0		0.4932	
S 92 Isosafrole	162		5.138					7
S 134 Diallate	86		6.337					7
S 159 Aramite, Total	185		7.806					7
T 195 Hexamethylphosphoramide TIC	1		0.000					1
T 193 Hydroquinone TIC	110	7.296	0.0	7.296	80	8921	0	
T 231 2,3,7,8-TCDD	1		0.000					1
T 192 Decane TIC	142	3.028	3.050	-0.022	1	53	0	
T 194 Octadecane (TIC)	254	12.902	6.300	6.602	92	15620	0	
T 196 Kepone TIC	1		8.281					1
T 197 Hexachlorophene TIC	1		9.269					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
4 - Failed Signal Ratio Test
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

Review Flags
M - Manually Integrated

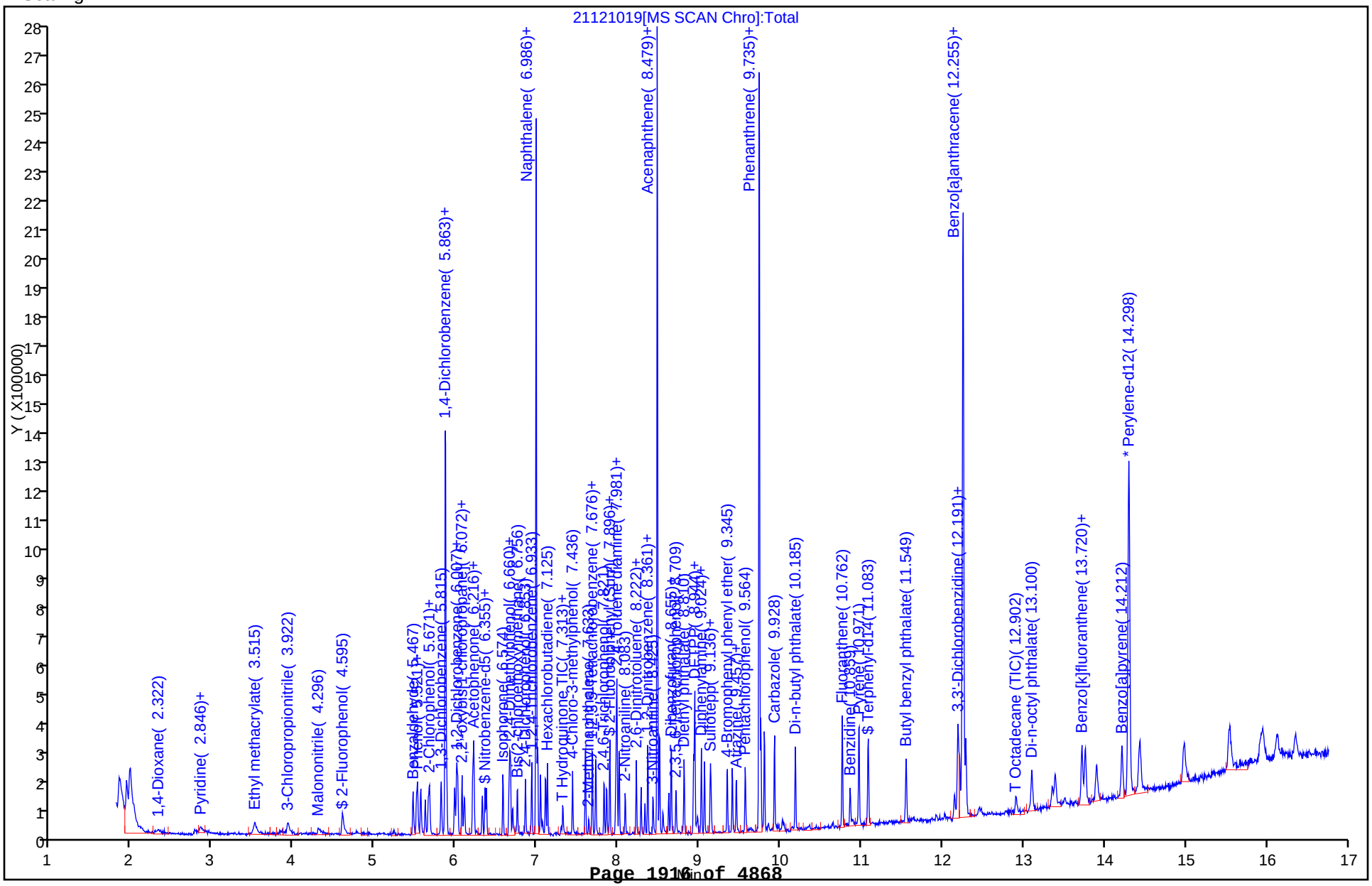
Report Date: 27-Nov-2012 10:10:16 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121019.D

Injection Date:	21-Nov-2012 18:20:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	19
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



Manual Integration/User Assign Peak Report

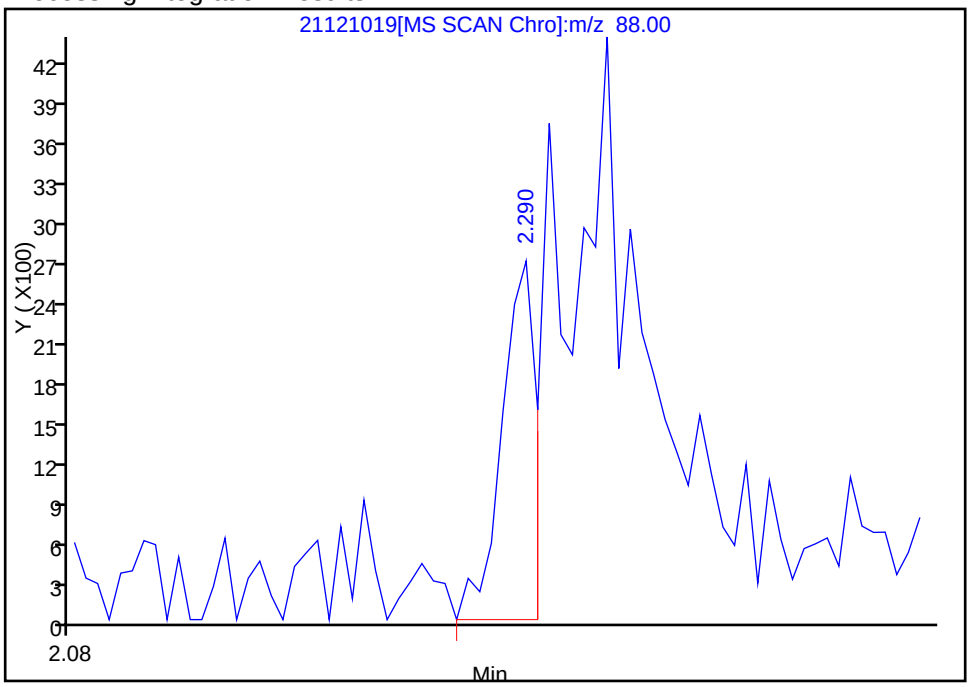
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121019.D		
Injection Date:	21-Nov-2012 18:20:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	19
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

24 1,4-Dioxane, Signal: 1, m/z: 88.0 Type: quant, RT: 2.32

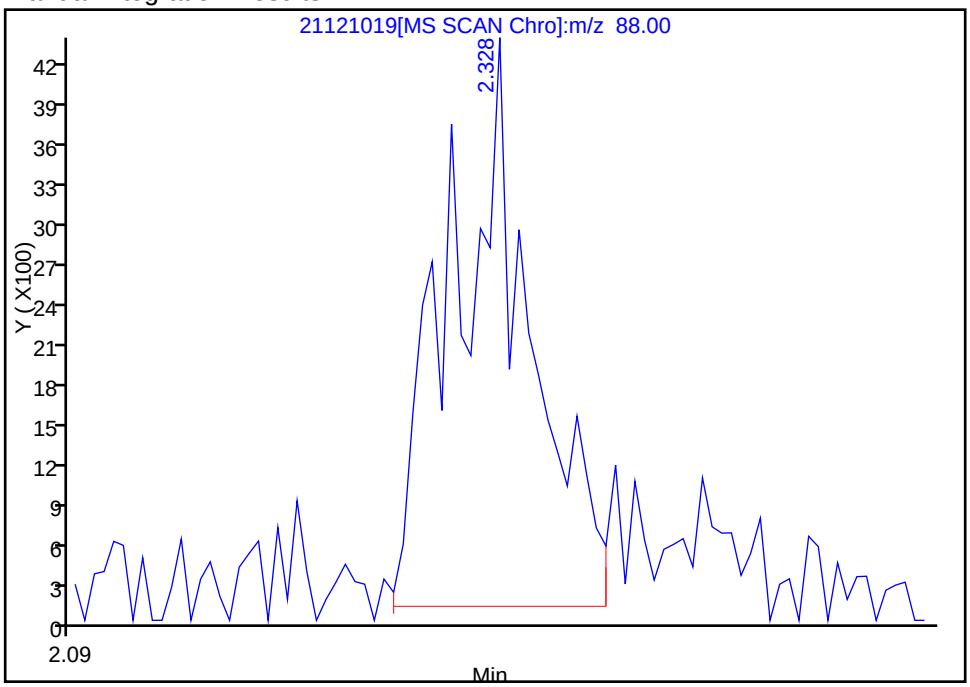
Processing Integration Results

RT: 2.29
Response: 2946
Amount: 0.116201



Manual Integration Results

RT: 2.33
Response: 13001
Amount: 0.512808



Reviewer: gruberj, 23-Nov-2012 08:20:05
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: mdll3 Calibration Date: 11/21/2012 18:43

Instrument ID: A4HP7 Calib Start Date: 11/07/2012 11:44

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 11/07/2012 14:51

Lab File ID: 21121020.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.4642			0.892	1.00		
N-Nitrosodimethylamine	Qua				1.06	1.00		
Pyridine	Ave	1.330			0.889	1.00		
Benzaldehyde	Ave	1.043			1.03	1.00		
Phenol	Ave	1.674			0.954	1.00		
Aniline	Ave	2.093			0.982	1.00		
Bis(2-chloroethyl)ether	Ave	1.293			1.02	1.00		
2-Chlorophenol	Ave	1.352			0.950	1.00		
1,3-Dichlorobenzene	Ave	1.457			1.01	1.00		
1,4-Dichlorobenzene	Ave	1.448			0.984	1.00		
Benzyl alcohol	Ave	0.8332			0.940	1.00		
1,2-Dichlorobenzene	Ave	1.380			1.01	1.00		
2-Methylphenol	Ave	1.220			1.03	1.00		
3 & 4 Methylphenol	Ave	1.279			0.923	1.00		
N-Nitrosodi-n-propylamine	Ave	0.9059			0.979	1.00		
Acetophenone	Ave	1.808			1.03	1.00		
Hexachloroethane	Ave	0.5884			0.904	1.00		
Nitrobenzene	Ave	0.3635			0.994	1.00		
Isophorone	Ave	0.6380			1.01	1.00		
2-Nitrophenol	Ave	0.1710			0.883	1.00		
2,4-Dimethylphenol	Ave	0.3362			1.02	1.00		
Benzoic acid	Qua				2.51	2.00		
Bis(2-chloroethoxy)methane	Ave	0.4052			0.974	1.00		
2,4-Dichlorophenol	Ave	0.2657			0.946	1.00		
1,2,4-Trichlorobenzene	Ave	0.3169			1.03	1.00		
Naphthalene	Ave	0.999			0.985	1.00		
Hexachlorobutadiene	Ave	0.1716			1.02	1.00		
Caprolactam	Qua				1.27	1.00		
4-Chloro-3-methylphenol	Ave	0.2854			1.02	1.00		
2-Methylnaphthalene	Ave	0.6393			0.993	1.00		
Hexachlorocyclopentadiene	Ave	0.3241			0.180	1.00		
2,4,6-Trichlorophenol	Ave	0.3372			0.963	1.00		
2,4,5-Trichlorophenol	Ave	0.3632			1.01	1.00		
1,1'-Biphenyl	Ave	1.413			0.989	1.00		
2-Chloronaphthalene	Ave	1.105			0.977	1.00		
2-Nitroaniline	Ave	0.3242			0.989	1.00		
Dimethyl phthalate	Ave	1.175			0.988	1.00		
2,6-Dinitrotoluene	Qua				1.23	1.00		
Acenaphthylene	Ave	1.825			0.977	1.00		
3-Nitroaniline	Ave	0.2941			1.05	1.00		
Acenaphthene	Ave	1.097			1.01	1.00		

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: mdll3 Calibration Date: 11/21/2012 18:43

Instrument ID: A4HP7 Calib Start Date: 11/07/2012 11:44

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 11/07/2012 14:51

Lab File ID: 21121020.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,4-Dinitrophenol	Qua				2.47	2.00		
4-Nitrophenol	Ave	0.1694			0.752	1.00		
2,4-Dinitrotoluene	Qua				1.18	1.00		
Dibenzofuran	Ave	1.629			0.980	1.00		
Diethyl phthalate	Ave	1.228			0.959	1.00		
4-Chlorophenyl phenyl ether	Ave	0.6187			1.06	1.00		
4-Nitroaniline	Qua				1.13	1.00		
Fluorene	Ave	1.308			0.985	1.00		
4,6-Dinitro-2-methylphenol	Qua				0.860	1.00		
N-Nitrosodiphenylamine	Ave	0.5517			0.942	1.00		
1,2-Diphenylhydrazine(as Azobenzene)	Ave	0.7785			0.942	1.00		
4-Bromophenyl phenyl ether	Ave	0.2040			1.06	1.00		
Hexachlorobenzene	Ave	0.2101			0.998	1.00		
Atrazine	Ave	0.1501			0.986	1.00		
Pentachlorophenol	Qua				1.98	2.00		
Phenanthrene	Ave	1.093			0.946	1.00		
Anthracene	Ave	1.086			0.995	1.00		
Carbazole	Ave	1.055			0.937	1.00		
Di-n-butyl phthalate	Ave	1.185			0.958	1.00		
Fluoranthene	Ave	1.207			1.02	1.00		
Benzidine	Qua				1.10	1.00		
Pyrene	Ave	1.276			0.967	1.00		
Butyl benzyl phthalate	Qua				1.05	1.00		
3,3'-Dichlorobenzidine	Qua				1.13	1.00		
Bis(2-ethylhexyl) phthalate	Qua				1.10	1.00		
Benzo[a]anthracene	Ave	1.116			1.03	1.00		
Chrysene	Ave	1.064			0.996	1.00		
Di-n-octyl phthalate	Qua				1.30	1.00		
Benzo[b]fluoranthene	Ave	1.276			1.08	1.00		
Benzo[k]fluoranthene	Ave	1.387			0.993	1.00		
Benzo[a]pyrene	Qua				1.06	1.00		
Indeno[1,2,3-cd]pyrene	Qua				0.717	1.00		
Dibenz(a,h)anthracene	Qua				0.775	1.00		
Benzo[g,h,i]perylene	Ave	1.145			0.566	1.00		
2-Fluorophenol (Surr)	Ave	1.236			0.903	1.00	90	35-105
Phenol-d5 (Surr)	Ave	1.570			0.970	1.00	97	40-100
Nitrobenzene-d5 (Surr)	Ave	0.3517			1.02	1.00	102*	35-100
2-Fluorobiphenyl (Surr)	Ave	1.298			0.982	1.00	98	45-105
2,4,6-Tribromophenol (Surr)	Ave	0.1655			1.08	1.00	108	35-125
Terphenyl-d14 (Surr)	Ave	0.7408			0.941	1.00	94	30-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121020.D		
Lims ID:	mdll3	Client ID:	
Inject. Date:	21-Nov-2012 18:43:30	Dil. Factor:	1.0000
Sample Type:	LODV		
Sample ID:	240-0015157-020		
Misc. Info.:	mdll3		
Operator:	001710	Instrument ID:	A4HP7
Injection Vol:	1.0 ul	ALS Bottle#:	20
Lims Batch ID:	65876	Lims Sample ID:	20
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP7\20121121-15157.b\8270_hp7.m		
Last Update:	26-Nov-2012 10:23:54	Calib Date:	14-Nov-2012 18:19:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP7\20121114-14953.b\21114010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK004		
First Level Reviewer: gruberj		Date:	23-Nov-2012 08:23:32

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.863	5.863	0.0	96	221422	4.00	
* 2 Naphthalene-d8	136	6.986	6.986	0.0	99	853221	4.00	
* 3 Acenaphthene-d10	164	8.479	8.479	0.0	92	486640	4.00	
* 4 Phenanthrene-d10	188	9.736	9.736	0.0	98	835548	4.00	
* 5 Chrysene-d12	240	12.255	12.255	0.0	94	867974	4.00	
* 6 Perylene-d12	264	14.298	14.298	0.0	93	639790	4.00	
$ 7 2-Fluorophenol	112	4.596	4.595	0.001	89	61791	0.9028	
$ 8 Phenol-d5	99	5.510	5.510	0.0	96	84251	0.9695	
$ 9 Nitrobenzene-d5	82	6.355	6.355	0.0	86	76797	1.02	
$ 10 2-Fluorobiphenyl (Surr)	172	7.896	7.896	0.0	99	154979	0.9816	
$ 11 2,4,6-Tribromophenol	330	9.147	9.147	0.0	83	21675	1.08	
$ 12 Terphenyl-d14	244	11.084	11.083	0.001	97	151330	0.9414	
20 2,5-Dichlorophenol	1		0.000					
22 3-Methylcatechol	1		0.000					
21 Octachlorostyrene	1		0.000					
236 4-isopropylphenol TIC	1		0.000					
234 2-Isopropylphenol TIC	1		0.000					
240 3-isopropylphenol TIC	1		0.000					
13 Bis(2-hydroxyphenyl)methane	1		0.000					
238 Trimethyl phosphate TIC	1		0.000					
241 Tricresyl phosphate TIC	1		0.000					
243 3-(1,1-Dimethylethyl Phenol) TIC	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
19 Bis(4-hydroxyphenyl)methane	1		0.000					
237 Tris(2,3-dibromopropyl)phosphate	1		0.000					
17 4-Chlorophenol	1		0.000					
23 Octachlorocyclopentene	1		0.000					
235 2,3,7,8-TCDD TIC	1		0.000					
239 2,3,7,8 TCDF TIC	1		0.000					
14 4-Methylcatechol	1		0.000					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
242 Triphenyl Phosphate TIC	1		0.000					
15 Catechol	1		0.000					
24 1,4-Dioxane	88	2.317	2.322	-0.005	79	22922	0.8920	M
25 N-Nitrosodimethylamine	74	2.772	2.761	0.011	81	31655	1.06	
26 Pyridine	79	2.831	2.825	0.006	96	65490	0.8894	
232 1-Methyl-2-pyrrilidinone	99		3.271					
27 Ethyl methacrylate	69	3.515	3.515	0.0	89	54475	0.8903	
18 Dimethylformamide	73		3.545					
28 3-Chloropropionitrile	54	3.916	3.916	0.0	81	37153	0.9100	
30 2-Picoline	93		3.964					9
31 N-Nitrosomethylethylamine	88		4.103					
32 Malononitrile	66	4.291	4.280	0.011	98	46064	0.5980	
33 Acrylamide	71	4.403	4.401	0.002	11	74	0	
34 Methyl methanesulfonate	80		4.451					
29 3-Picoline	93		4.510					
233 n,n'-Dimethylacetamide	44		4.536					1
35 N-Nitrosodiethylamine	102		4.868					
36 Ethyl methanesulfonate	79		5.162					9
37 2-Methylcyclohexanone	68	5.371	5.376	-0.005	1	227	0	
38 3-Methylcyclohexanone	69	5.419	5.414	0.005	1	346	0	
39 4-Methylcyclohexanone	55	5.521	5.462	0.059	12	10304	0	
40 Benzaldehyde	77	5.467	5.467	0.0	93	59437	1.03	
41 Phenol	94	5.521	5.521	0.0	99	88400	0.9541	
42 Phenylmercaptan	110		5.524					
43 Aniline	93	5.558	5.564	-0.006	97	113790	0.9820	
44 Bis(2-chloroethyl)ether	93	5.617	5.617	0.0	94	72694	1.02	
45 Pentachloroethane	167		5.633					
46 2-Chlorophenol	128	5.671	5.671	0.0	95	71095	0.9498	
47 1,3-Dichlorobenzene	146	5.815	5.815	0.0	91	81543	1.01	
48 1,4-Dichlorobenzene	146	5.879	5.879	0.0	83	78839	0.9838	
49 Benzyl alcohol	108	5.981	5.981	0.0	92	43362	0.9402	
50 1,2-Dichlorobenzene	146	6.018	6.018	0.0	93	77387	1.01	
51 2-Methylphenol	108	6.072	6.072	0.0	92	69580	1.03	
52 2,2'-oxybis[1-chloropropane]	45	6.099	6.098	0.001	90	104083	0.99	
53 Indene	115		6.107					9
191 3 & 4 Methylphenol	108	6.200	6.200	0.0	97	65338	0.9229	
56 N-Nitrosodi-n-propylamine	70	6.211	6.211	0.0	91	49079	0.9788	
55 N-Nitrosopyrrolidine	100		6.216					
57 Acetophenone	105	6.216	6.216	0.0	94	102666	1.03	
58 N-Nitrosomorpholine	56		6.248					9
59 2-Toluidine	106		6.269					
60 Hexachloroethane	117	6.323	6.323	0.0	92	29451	0.9041	
61 Nitrobenzene	77	6.371	6.371	0.0	83	77103	0.99	
62 N-Nitrosopiperidine	114		6.521					
63 Isophorone	82	6.575	6.574	0.001	97	136918	1.01	
65 2-Nitrophenol	139	6.649	6.649	0.0	95	32203	0.8827	
66 1,3,5-Trichlorobenzene	180	6.660	6.660	0.0	93	64908	0.9594	
64 2,4-Dimethylphenol	107	6.671	6.671	0.0	67	73414	1.02	
69 Benzoic acid	122	6.698	6.735	-0.037	91	54439	2.51	
67 o,o',o''-Triethylphosphorothioat	198		6.740					
68 Bis(2-chloroethoxy)methane	93	6.751	6.756	-0.005	99	84159	0.9737	
71 2,4-Dichlorophenol	162	6.853	6.853	0.0	93	53628	0.9462	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
70 alpha,alpha-Dimethyl phenethylam	58		6.863					
72 1,2,4-Trichlorobenzene	180	6.933	6.933	0.0	92	69584	1.03	
73 Naphthalene	128	7.003	7.002	0.0	95	209911	0.9846	
74 4-Chloroaniline	127	7.040	7.040	0.0	88	90165	0.99	
75 2,6-Dichlorophenol	162		7.066					
76 Hexachloropropene	213		7.093					
77 Hexachlorobutadiene	225	7.104	7.104	0.0	88	37193	1.02	
78 1,2,3-Trichlorobenzene	180	7.126	7.125	0.001	92	64766	0	
79 Benzothiazole	135		7.235					
80 Quinoline	129		7.300					
83 Caprolactam	113	7.313	7.323	-0.010	71	20310	1.27	
81 N-Nitrosodi-n-butylamine	84		7.328					
82 p-Phenylene diamine	108		7.355					9
84 4-Chloro-3-methylphenol	107	7.436	7.436	0.0	89	61926	1.02	
93 Safrole, Total	162		7.521					
85 2-Methylnaphthalene	142	7.596	7.596	0.0	91	135405	0.99	
86 1-Methylnaphthalene	142	7.676	7.682	-0.006	84	127262	0.9807	
87 1,2,3,5-Tetrachlorobenzene	216	7.719	7.719	0.0	96	68239	1.03	
88 Hexachlorocyclopentadiene	237	7.725	7.724	0.001	31	7103	0.1801	
89 1,2,4,5-Tetrachlorobenzene	216		7.751					
225 Isosafrole Peak 1	162		7.767					
90 2,4,6-Trichlorophenol	196	7.826	7.826	0.0	88	39498	0.9629	
91 2,4,5-Trichlorophenol	196	7.853	7.853	0.0	92	44667	1.01	
227 Isosafrole Peak 2	162		7.960					
94 2,4-Toluene diamine	121	7.965	7.965	0.0	96	48192	1.11	
96 1,2,3,4 -Tetrachlorobenzene	216	7.976	7.976	0.0	92	68787	0	
95 1,1'-Biphenyl	154	7.981	7.987	-0.006	95	169906	0.9885	
98 2-Chloronaphthalene	162	8.008	8.008	0.0	97	131223	0.9765	
97 3,4-Dichloronitrobenzene	109		8.022					9
99 Phenyl ether	170		8.081					
100 2-Nitroaniline	65	8.083	8.083	0.0	75	39002	0.9887	
101 1,4-Naphthoquinone	158		8.168					
102 1,4-Dinitrobenzene	168		8.211					
103 Dimethyl phthalate	163	8.222	8.222	0.0	98	141214	0.9880	
104 1,3-Dinitrobenzene	168		8.275					
105 2,6-Dinitrotoluene	165	8.281	8.281	0.0	93	28214	1.23	
106 1,2-Dinitrobenzene	168	8.329	8.329	0.0	85	14662	0.9246	
107 Acenaphthylene	152	8.361	8.361	0.0	95	216916	0.9772	
108 3-Nitroaniline	138	8.431	8.425	0.006	92	37666	1.05	
110 Acenaphthene	153	8.511	8.511	0.0	88	135460	1.01	
109 2,4-Dinitrophenol	184	8.516	8.516	0.0	40	4699	2.47	
111 4-Nitrophenol	109	8.548	8.548	0.0	85	15486	0.7515	
112 2,4-Dinitrotoluene	165	8.623	8.623	0.0	87	37757	1.18	
113 Pentachlorobenzene	250		8.633					9
114 Dibenzofuran	168	8.650	8.655	-0.005	88	194110	0.9797	
115 2,3,5,6-Tetrachlorophenol	232	8.709	8.709	0.0	88	36642	1.01	
116 1-Naphthylamine	143		8.735					9
117 2,3,4,6-Tetrachlorophenol	232		8.762					
118 2-Naphthylamine	143		8.799					9
119 Diethyl phthalate	149	8.810	8.816	-0.006	97	143235	0.9586	
120 Thionazin	97		8.901					9
121 4-Chlorophenyl phenyl ether	204	8.928	8.928	0.0	90	79953	1.06	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
123 4-Nitroaniline	138	8.939	8.944	-0.005	75	34291	1.13	
124 Fluorene	166	8.944	8.944	0.0	91	156784	0.9855	
122 N-Nitro-o-toluidine	152		8.954					9
126 4,6-Dinitro-2-methylphenol	198	8.965	8.965	0.0	1	5708	0.8597	
125 Tributyl phosphate	99		8.992					9
130 N-Nitrosodiphenylamine	169	9.024	9.024	0.0	0	108540	0.9419	
128 Diphenylamine	169	9.024	9.040	-0.016	94	108540	0.8590	
131 Azobenzene	77	9.062	9.062	0.0	98	153253	0.9425	
129 1,2-Diphenylhydrazine	77	9.062	9.062	0.0	0	153253	0.9425	
132 Sulfotepp	202		9.152					
133 1,3,5-Trinitrobenzene	213		9.238					
228 Diallate Peak 1	86		9.275					14
135 Phenacetin	108		9.281					9
136 Phorate	121		9.286					
137 4-Bromophenyl phenyl ether	248	9.345	9.345	0.0	61	45309	1.06	
230 Diallate Peak 2	86		9.356					14
139 Hexachlorobenzene	284	9.409	9.409	0.0	87	43790	1.00	
138 Dimethoate	87		9.430					9
140 Atrazine	200	9.458	9.457	0.001	92	30915	0.9858	
141 Pentachlorophenol	266	9.565	9.564	0.0	87	47553	1.98	
127 4-Aminobiphenyl	169		9.575					
143 Pentachloronitrobenzene	237		9.591					
142 Pronamide	173		9.607					
145 Dinoseb	211		9.719					
144 Disulfoton	88		9.725					9
146 Phenanthrene	178	9.757	9.757	0.0	94	216045	0.9464	
147 Anthracene	178	9.800	9.800	0.0	97	225634	0.99	
148 DFTPP								
149 Carbazole	167	9.928	9.928	0.0	82	206523	0.9374	
150 Methyl parathion	109		10.045					9
151 Di-n-butyl phthalate	149	10.185	10.185	0.0	99	237126	0.9583	
152 Diphenylsulfone	125		10.209					
153 Ethyl Parathion	97		10.366					9
154 4-Nitroquinoline-1-oxide	190		10.420					
155 Methapyrilene	58		10.463					
156 Isodrin	66		10.655					
157 Fluoranthene	202	10.763	10.762	0.001	97	257830	1.02	
158 Benzidine	184	10.859	10.859	0.0	98	102583	1.10	
160 Pyrene	202	10.966	10.971	-0.005	96	267768	0.9668	
164 4,4'-DDE	246		11.019					
226 Aramite Peak 1	185		11.056					
229 Aramite Peak 2	185		11.126					
161 p-Dimethylamino azobenzene	225		11.233					
162 Chlorobenzilate	139		11.265					9
163 4,4'-DDD	235		11.388					
165 Famphur	218		11.522					
166 Butyl benzyl phthalate	149	11.549	11.549	0.0	96	103871	1.05	
167 3,3'-Dimethylbenzidine	212		11.581					
168 4,4'-DDT	235		11.672					
169 2-Acetylaminofluorene	181		11.859					
170 3,3'-Dimethoxybenzidine	244	12.148	12.148	0.0	88	40158	1.37	
173 3,3'-Dichlorobenzidine	252	12.191	12.191	0.0	68	91154	1.13	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
172 4,4'-Methylene bis(2-chloroanili	231	12.191	12.191	0.0	70	40884	1.07	
171 Bis(2-ethylhexyl) phthalate	149	12.207	12.207	0.0	96	145366	1.10	
175 Benzo[a]anthracene	228	12.239	12.244	-0.005	93	249441	1.03	
176 Chrysene	228	12.287	12.287	0.0	91	229949	1.00	
174 Hexabromobenzene	232		12.290					
177 6-Methylchrysene	242		12.894					
178 Di-n-octyl phthalate	149	13.100	13.100	0.0	98	223948	1.30	
180 Benzo[b]fluoranthene	252	13.720	13.726	-0.006	94	220323	1.08	
179 7,12-Dimethylbenz(a)anthracene	256		13.736					
181 Benzo[k]fluoranthene	252	13.763	13.763	0.0	95	220181	0.99	
182 Benzo[a]pyrene	252	14.212	14.212	0.0	66	194798	1.06	
183 3-Methylcholanthrene	268		14.774					9
184 Dibenz[a,j]acridine	279		15.595					9
185 Dibenz[a,h]acridine	279		15.670					9
186 Indeno[1,2,3-cd]pyrene	276	15.929	15.929	0.0	97	144583	0.7169	
187 Dibenz(a,h)anthracene	278	15.956	15.956	0.0	69	120318	0.7751	
188 Benzo[g,h,i]perylene	276	16.357	16.362	-0.005	93	103723	0.5663	
S 189 Methyl Phenols,Total	100				0		1.03	
S 92 Isosafrole	162		5.138					7
S 134 Diallate	86		6.337					7
S 159 Aramite, Total	185		7.806					7
T 195 Hexamethylphosphoramide TIC	1		0.000					1
T 193 Hydroquinone TIC	110	7.291	0.0	7.291	87	23199	0	
T 231 2,3,7,8-TCDD	1		0.000					1
T 192 Decane TIC	142	3.061	3.050	0.011	1	83	0	
T 194 Octadecane (TIC)	254	14.972	6.300	8.672	95	11989	0	
T 196 Kepone TIC	1		8.281					1
T 197 Hexachlorophene TIC	1		9.269					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
4 - Failed Signal Ratio Test
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

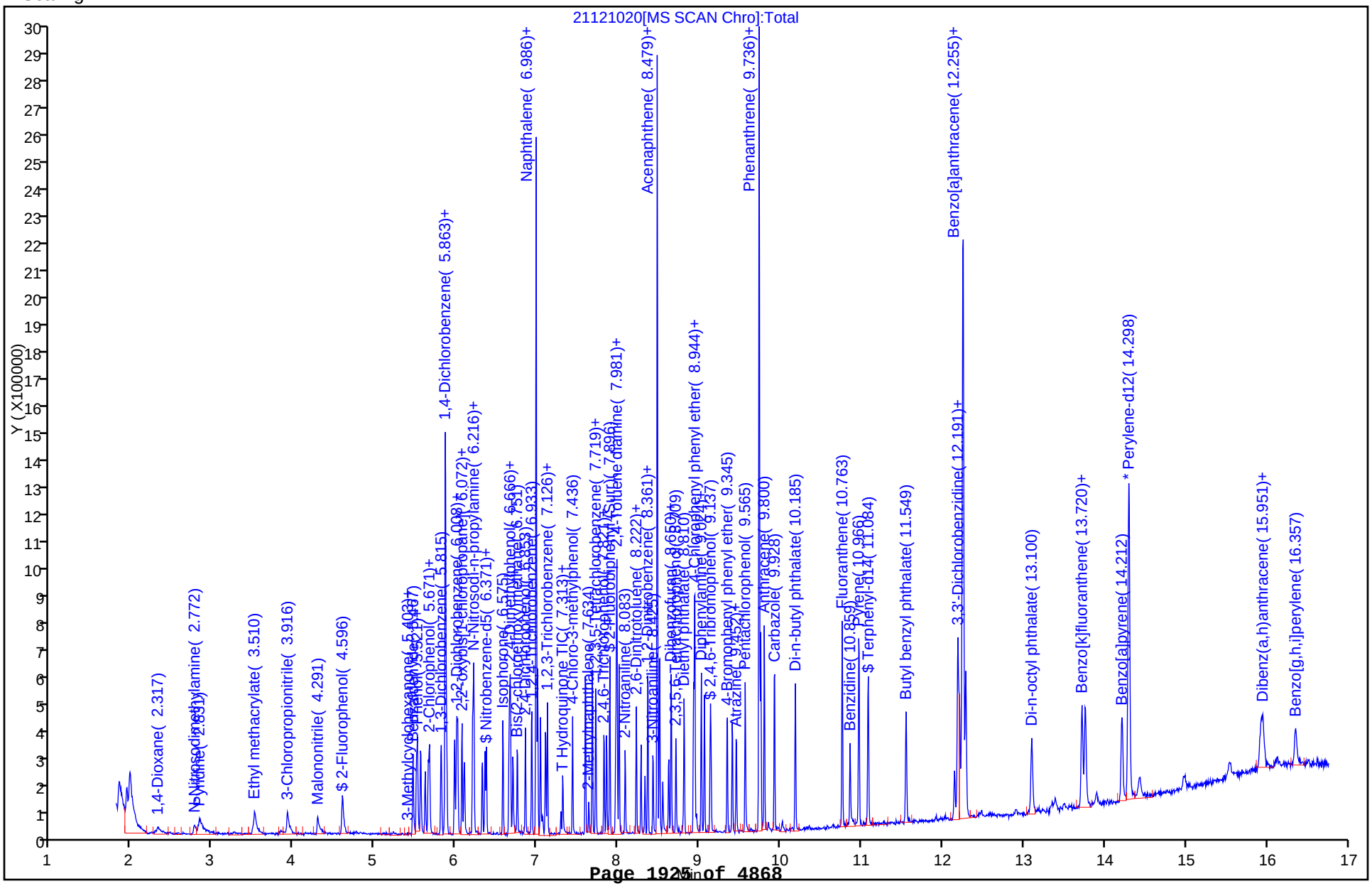
Review Flags
M - Manually Integrated

Report Date: 27-Nov-2012 10:10:17 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121020.D		
Injection Date:	21-Nov-2012 18:43:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	20
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



Manual Integration/User Assign Peak Report

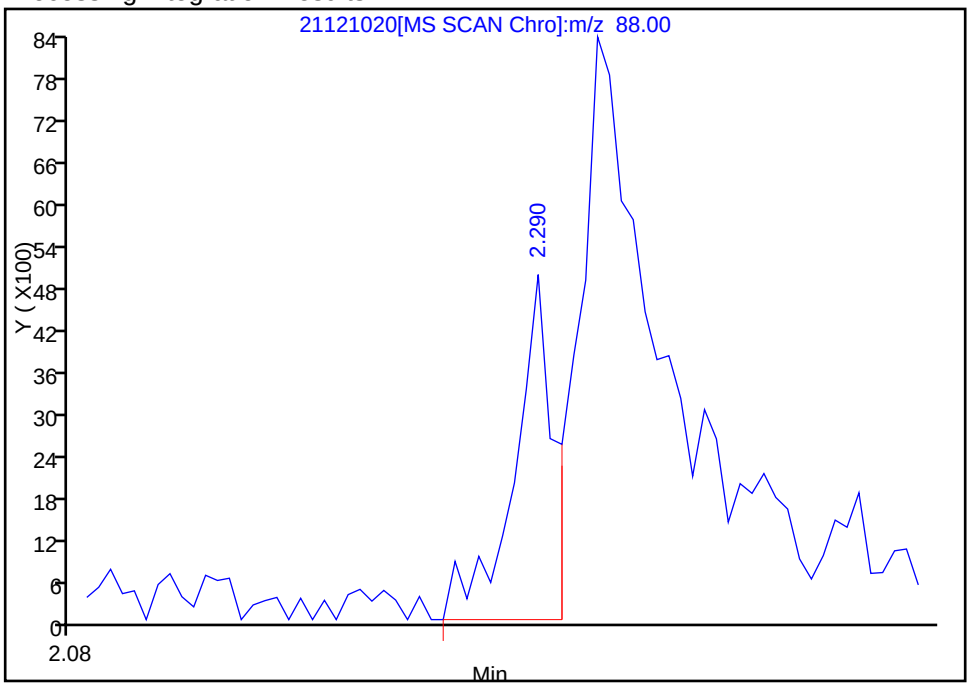
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121020.D		
Injection Date:	21-Nov-2012 18:43:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	20
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

24 1,4-Dioxane, Signal: 1, m/z: 88.0 Type: quant, RT: 2.32

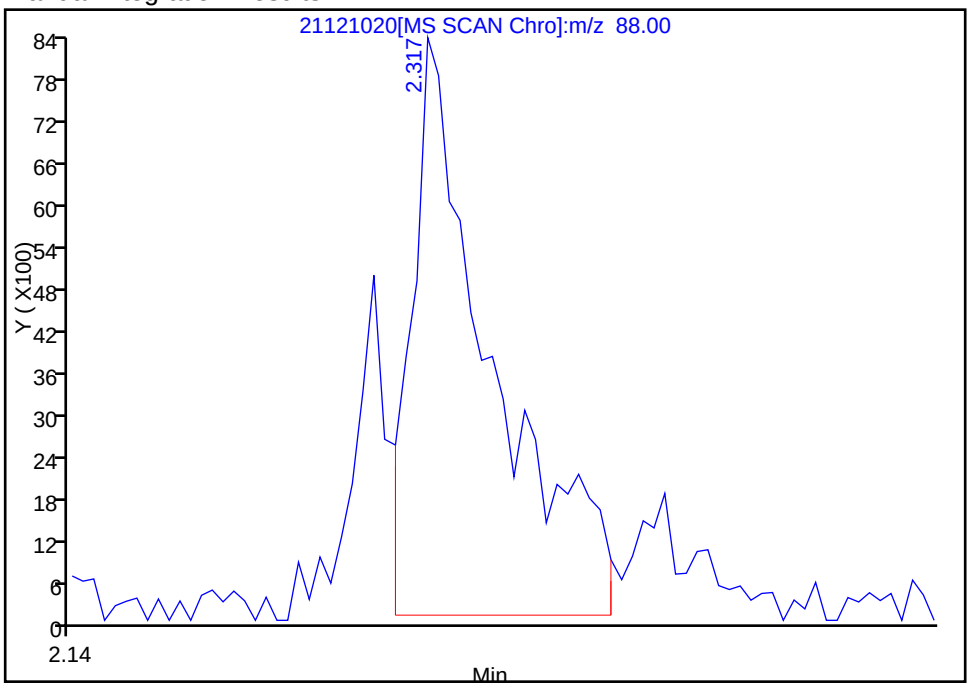
Processing Integration Results

RT: 2.29
Response: 6101
Amount: 0.237430



Manual Integration Results

RT: 2.32
Response: 22922
Amount: 0.892047



Reviewer: gruberj, 23-Nov-2012 08:23:32
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: mdll4 Calibration Date: 11/21/2012 19:06

Instrument ID: A4HP7 Calib Start Date: 11/07/2012 11:44

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 11/07/2012 14:51

Lab File ID: 21121021.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.4642			1.89	2.00		
N-Nitrosodimethylamine	Qua				2.21	2.00		
Pyridine	Ave	1.330			2.10	2.00		
Benzaldehyde	Ave	1.043			2.25	2.00		
Phenol	Ave	1.674			2.06	2.00		
Aniline	Ave	2.093			2.00	2.00		
Bis(2-chloroethyl)ether	Ave	1.293			2.05	2.00		
2-Chlorophenol	Ave	1.352			2.01	2.00		
1,3-Dichlorobenzene	Ave	1.457			2.04	2.00		
1,4-Dichlorobenzene	Ave	1.448			2.03	2.00		
Benzyl alcohol	Ave	0.8332			2.02	2.00		
1,2-Dichlorobenzene	Ave	1.380			2.01	2.00		
2-Methylphenol	Ave	1.220			1.98	2.00		
3 & 4 Methylphenol	Ave	1.279			1.99	2.00		
N-Nitrosodi-n-propylamine	Ave	0.9059			2.03	2.00		
Acetophenone	Ave	1.808			2.06	2.00		
Hexachloroethane	Ave	0.5884			1.88	2.00		
Nitrobenzene	Ave	0.3635			1.97	2.00		
Isophorone	Ave	0.6380			2.04	2.00		
2-Nitrophenol	Ave	0.1710			2.02	2.00		
2,4-Dimethylphenol	Ave	0.3362			2.13	2.00		
Benzoic acid	Qua				3.54	4.00		
Bis(2-chloroethoxy)methane	Ave	0.4052			2.00	2.00		
2,4-Dichlorophenol	Ave	0.2657			1.91	2.00		
1,2,4-Trichlorobenzene	Ave	0.3169			2.06	2.00		
Naphthalene	Ave	0.999			1.97	2.00		
Hexachlorobutadiene	Ave	0.1716			2.04	2.00		
Caprolactam	Qua				2.10	2.00		
4-Chloro-3-methylphenol	Ave	0.2854			2.07	2.00		
2-Methylnaphthalene	Ave	0.6393			1.99	2.00		
Hexachlorocyclopentadiene	Ave	0.3241			0.534	2.00		
2,4,6-Trichlorophenol	Ave	0.3372			2.12	2.00		
2,4,5-Trichlorophenol	Ave	0.3632			1.96	2.00		
1,1'-Biphenyl	Ave	1.413			2.00	2.00		
2-Chloronaphthalene	Ave	1.105			2.01	2.00		
2-Nitroaniline	Ave	0.3242			2.04	2.00		
Dimethyl phthalate	Ave	1.175			2.02	2.00		
2,6-Dinitrotoluene	Qua				2.35	2.00		
Acenaphthylene	Ave	1.825			1.96	2.00		
3-Nitroaniline	Ave	0.2941			2.04	2.00		
Acenaphthene	Ave	1.097			2.02	2.00		

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: mdll4 Calibration Date: 11/21/2012 19:06

Instrument ID: A4HP7 Calib Start Date: 11/07/2012 11:44

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 11/07/2012 14:51

Lab File ID: 21121021.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,4-Dinitrophenol	Qua				2.90	4.00		
4-Nitrophenol	Ave	0.1694			1.90	2.00		
2,4-Dinitrotoluene	Qua				2.19	2.00		
Dibenzofuran	Ave	1.629			1.98	2.00		
Diethyl phthalate	Ave	1.228			1.90	2.00		
4-Chlorophenyl phenyl ether	Ave	0.6187			2.02	2.00		
4-Nitroaniline	Qua				2.08	2.00		
Fluorene	Ave	1.308			1.97	2.00		
4,6-Dinitro-2-methylphenol	Qua				1.33	2.00		
N-Nitrosodiphenylamine	Ave	0.5517			2.00	2.00		
1,2-Diphenylhydrazine(as Azobenzene)	Ave	0.7785			1.91	2.00		
4-Bromophenyl phenyl ether	Ave	0.2040			1.94	2.00		
Hexachlorobenzene	Ave	0.2101			2.03	2.00		
Atrazine	Ave	0.1501			2.12	2.00		
Pentachlorophenol	Qua				3.78	4.00		
Phenanthrene	Ave	1.093			1.90	2.00		
Anthracene	Ave	1.086			1.98	2.00		
Carbazole	Ave	1.055			1.94	2.00		
Di-n-butyl phthalate	Ave	1.185			1.95	2.00		
Fluoranthene	Ave	1.207			1.96	2.00		
Benzidine	Qua				2.02	2.00		
Pyrene	Ave	1.276			1.95	2.00		
Butyl benzyl phthalate	Qua				2.00	2.00		
3,3'-Dichlorobenzidine	Qua				2.06	2.00		
Bis(2-ethylhexyl) phthalate	Qua				2.04	2.00		
Benzo[a]anthracene	Ave	1.116			2.03	2.00		
Chrysene	Ave	1.064			1.97	2.00		
Di-n-octyl phthalate	Qua				2.40	2.00		
Benzo[b]fluoranthene	Ave	1.276			2.19	2.00		
Benzo[k]fluoranthene	Ave	1.387			2.16	2.00		
Benzo[a]pyrene	Qua				2.04	2.00		
Indeno[1,2,3-cd]pyrene	Qua				1.34	2.00		
Dibenz(a,h)anthracene	Qua				1.43	2.00		
Benzo[g,h,i]perylene	Ave	1.145			1.17	2.00		
2-Fluorophenol (Surr)	Ave	1.236			2.03	2.00	101	35-105
Phenol-d5 (Surr)	Ave	1.570			2.03	2.00	102*	40-100
Nitrobenzene-d5 (Surr)	Ave	0.3517			2.03	2.00	102*	35-100
2-Fluorobiphenyl (Surr)	Ave	1.298			2.00	2.00	100	45-105
2,4,6-Tribromophenol (Surr)	Ave	0.1655			2.13	2.00	107	35-125
Terphenyl-d14 (Surr)	Ave	0.7408			1.97	2.00	99	30-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121021.D		
Lims ID:	mdll4	Client ID:	
Inject. Date:	21-Nov-2012 19:06:30	Dil. Factor:	1.0000
Sample Type:	LODV		
Sample ID:	240-0015157-021		
Misc. Info.:	mdll4		
Operator:	001710	Instrument ID:	A4HP7
Injection Vol:	1.0 ul	ALS Bottle#:	21
Lims Batch ID:	65876	Lims Sample ID:	21
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP7\20121121-15157.b\8270_hp7.m		
Last Update:	26-Nov-2012 10:23:54	Calib Date:	14-Nov-2012 18:19:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP7\20121114-14953.b\21114010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK004		
First Level Reviewer: gruberj		Date:	23-Nov-2012 08:26:19

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.863	5.863	0.0	96	225154	4.00	
* 2 Naphthalene-d8	136	6.986	6.986	0.0	99	884778	4.00	
* 3 Acenaphthene-d10	164	8.479	8.479	0.0	90	507963	4.00	
* 4 Phenanthrene-d10	188	9.735	9.736	-0.001	98	888078	4.00	
* 5 Chrysene-d12	240	12.255	12.255	0.0	96	922103	4.00	
* 6 Perylene-d12	264	14.298	14.298	0.0	92	668384	4.00	
$ 7 2-Fluorophenol	112	4.595	4.595	0.0	90	141117	2.03	
$ 8 Phenol-d5	99	5.510	5.510	0.0	89	179642	2.03	
$ 9 Nitrobenzene-d5	82	6.355	6.355	0.0	87	158128	2.03	
$ 10 2-Fluorobiphenyl (Surr)	172	7.896	7.896	0.0	100	328795	2.00	
$ 11 2,4,6-Tribromophenol	330	9.147	9.147	0.0	85	44825	2.13	
$ 12 Terphenyl-d14	244	11.083	11.083	0.0	98	336825	1.97	
20 2,5-Dichlorophenol	1		0.000					
22 3-Methylcatechol	1		0.000					
21 Octachlorostyrene	1		0.000					
236 4-isopropylphenol TIC	1		0.000					
234 2-Isopropylphenol TIC	1		0.000					
240 3-isopropylphenol TIC	1		0.000					
13 Bis(2-hydroxyphenyl)methane	1		0.000					
238 Trimethyl phosphate TIC	1		0.000					
241 Tricresyl phosphate TIC	1		0.000					
243 3-(1,1-Dimethylethyl Phenol) TIC	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
19 Bis(4-hydroxyphenyl)methane	1		0.000					
237 Tris(2,3-dibromopropyl)phosphate	1		0.000					
17 4-Chlorophenol	1		0.000					
23 Octachlorocyclopentene	1		0.000					
235 2,3,7,8-TCDD TIC	1		0.000					
239 2,3,7,8 TCDF TIC	1		0.000					
14 4-Methylcatechol	1		0.000					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
242 Triphenyl Phosphate TIC	1		0.000					
15 Catechol	1		0.000					
24 1,4-Dioxane	88	2.322	2.322	0.0	86	49484	1.89	
25 N-Nitrosodimethylamine	74	2.766	2.761	0.005	87	85938	2.21	
26 Pyridine	79	2.830	2.825	0.005	93	157330	2.10	
232 1-Methyl-2-pyrrilidinone	99	3.349	3.271	0.078	0	99	0	
27 Ethyl methacrylate	69	3.510	3.515	-0.005	89	127850	2.05	
18 Dimethylformamide	73		3.545					
28 3-Chloropropionitrile	54	3.916	3.916	0.0	89	86967	2.09	
30 2-Picoline	93		3.964					
31 N-Nitrosomethylethylamine	88		4.103					9
32 Malononitrile	66	4.285	4.280	0.005	97	151919	1.94	
33 Acrylamide	71	4.408	4.401	0.007	20	225	0	
34 Methyl methanesulfonate	80		4.451					
29 3-Picoline	93		4.510					
233 n,n'-Dimethylacetamide	44	4.590	4.536	0.054	0	941	0	
35 N-Nitrosodiethylamine	102		4.868					
36 Ethyl methanesulfonate	79		5.162					9
37 2-Methylcyclohexanone	68	5.382	5.376	0.006	1	61	0	
38 3-Methylcyclohexanone	69	5.408	5.414	-0.006	7	138	0	
39 4-Methylcyclohexanone	55	5.462	5.462	0.0	1	1471	0	
40 Benzaldehyde	77	5.467	5.467	0.0	91	132252	2.25	
41 Phenol	94	5.521	5.521	0.0	99	194075	2.06	
42 Phenylmercaptan	110		5.524					
43 Aniline	93	5.564	5.564	0.0	97	236051	2.00	
44 Bis(2-chloroethyl)ether	93	5.617	5.617	0.0	94	148962	2.05	
45 Pentachloroethane	167		5.633					
46 2-Chlorophenol	128	5.671	5.671	0.0	95	152639	2.01	
47 1,3-Dichlorobenzene	146	5.815	5.815	0.0	96	167234	2.04	
48 1,4-Dichlorobenzene	146	5.879	5.879	0.0	91	165819	2.03	
49 Benzyl alcohol	108	5.981	5.981	0.0	91	94791	2.02	
50 1,2-Dichlorobenzene	146	6.018	6.018	0.0	93	156390	2.01	
51 2-Methylphenol	108	6.072	6.072	0.0	95	136266	1.98	
52 2,2'-oxybis[1-chloropropane]	45	6.098	6.098	0.0	90	213508	2.00	
53 Indene	115		6.107					
191 3 & 4 Methylphenol	108	6.200	6.200	0.0	96	143498	1.99	
56 N-Nitrosodi-n-propylamine	70	6.211	6.211	0.0	92	103342	2.03	
55 N-Nitrosopyrrolidine	100		6.216					
57 Acetophenone	105	6.216	6.216	0.0	94	209188	2.06	
58 N-Nitrosomorpholine	56		6.248					9
59 2-Toluidine	106		6.269					
60 Hexachloroethane	117	6.323	6.323	0.0	92	62292	1.88	
61 Nitrobenzene	77	6.371	6.371	0.0	84	158203	1.97	
62 N-Nitrosopiperidine	114		6.521					
63 Isophorone	82	6.574	6.574	0.0	100	287808	2.04	
65 2-Nitrophenol	139	6.649	6.649	0.0	96	76514	2.02	
66 1,3,5-Trichlorobenzene	180	6.660	6.660	0.0	97	144057	2.05	
64 2,4-Dimethylphenol	107	6.671	6.671	0.0	89	158485	2.13	
69 Benzoic acid	122	6.708	6.735	-0.027	85	110619	3.54	
67 o,o',o''-Triethylphosphorothioat	198		6.740					
68 Bis(2-chloroethoxy)methane	93	6.751	6.756	-0.005	99	179035	2.00	
71 2,4-Dichlorophenol	162	6.853	6.853	0.0	96	112494	1.91	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
70 alpha,alpha-Dimethyl phenethylam	58		6.863					9
72 1,2,4-Trichlorobenzene	180	6.933	6.933	0.0	91	144468	2.06	
73 Naphthalene	128	7.002	7.002	0.0	97	435217	1.97	
74 4-Chloroaniline	127	7.040	7.040	0.0	87	185589	1.97	
75 2,6-Dichlorophenol	162		7.066					9
76 Hexachloropropene	213		7.093					
77 Hexachlorobutadiene	225	7.104	7.104	0.0	93	77560	2.04	
78 1,2,3-Trichlorobenzene	180	7.125	7.125	0.0	92	135021	0	
79 Benzothiazole	135		7.235					
80 Quinoline	129		7.300					9
83 Caprolactam	113	7.318	7.323	-0.005	70	42057	2.10	
81 N-Nitrosodi-n-butylamine	84		7.328					9
82 p-Phenylene diamine	108		7.355					9
84 4-Chloro-3-methylphenol	107	7.436	7.436	0.0	93	130690	2.07	
93 Safrole, Total	162		7.521					
85 2-Methylnaphthalene	142	7.596	7.596	0.0	94	282001	1.99	
86 1-Methylnaphthalene	142	7.682	7.682	0.0	84	262913	1.95	
87 1,2,3,5-Tetrachlorobenzene	216	7.719	7.719	0.0	97	143413	2.08	
88 Hexachlorocyclopentadiene	237	7.724	7.724	0.0	54	21997	0.5344	
89 1,2,4,5-Tetrachlorobenzene	216		7.751					
225 Isosafrole Peak 1	162		7.767					
90 2,4,6-Trichlorophenol	196	7.826	7.826	0.0	91	90644	2.12	
91 2,4,5-Trichlorophenol	196	7.853	7.853	0.0	94	90545	1.96	
227 Isosafrole Peak 2	162		7.960					24
94 2,4-Toluene diamine	121	7.965	7.965	0.0	96	99588	2.21	
96 1,2,3,4 -Tetrachlorobenzene	216		7.976					
95 1,1'-Biphenyl	154	7.986	7.987	-0.001	93	358404	2.00	
98 2-Chloronaphthalene	162	8.008	8.008	0.0	95	281760	2.01	
97 3,4-Dichloronitrobenzene	109		8.022					
99 Phenyl ether	170		8.081					9
100 2-Nitroaniline	65	8.083	8.083	0.0	74	84172	2.04	
101 1,4-Naphthoquinone	158		8.168					
102 1,4-Dinitrobenzene	168		8.211					
103 Dimethyl phthalate	163	8.222	8.222	0.0	98	300779	2.02	
104 1,3-Dinitrobenzene	168		8.275					
105 2,6-Dinitrotoluene	165	8.281	8.281	0.0	94	69593	2.35	
106 1,2-Dinitrobenzene	168	8.329	8.329	0.0	88	29866	1.80	
107 Acenaphthylene	152	8.361	8.361	0.0	95	453932	1.96	
108 3-Nitroaniline	138	8.425	8.425	0.0	95	76093	2.04	
110 Acenaphthene	153	8.505	8.511	-0.006	94	281097	2.02	
109 2,4-Dinitrophenol	184	8.516	8.516	0.0	58	16651	2.90	
111 4-Nitrophenol	109	8.548	8.548	0.0	92	40857	1.90	
112 2,4-Dinitrotoluene	165	8.623	8.623	0.0	89	87072	2.19	
113 Pentachlorobenzene	250		8.633					9
114 Dibenzofuran	168	8.650	8.655	-0.005	88	409152	1.98	
115 2,3,5,6-Tetrachlorophenol	232	8.709	8.709	0.0	90	73137	1.92	
116 1-Naphthylamine	143		8.735					9
117 2,3,4,6-Tetrachlorophenol	232		8.762					
118 2-Naphthylamine	143		8.799					9
119 Diethyl phthalate	149	8.810	8.816	-0.006	97	296321	1.90	
120 Thionazin	97		8.901					9
121 4-Chlorophenyl phenyl ether	204	8.928	8.928	0.0	90	158927	2.02	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
123 4-Nitroaniline	138	8.944	8.944	0.0	55	76213	2.08	
124 Fluorene	166	8.944	8.944	0.0	91	326561	1.97	
122 N-Nitro-o-toluidine	152		8.954					
126 4,6-Dinitro-2-methylphenol	198	8.965	8.965	0.0	68	20445	1.33	
125 Tributyl phosphate	99		8.992					9
130 N-Nitrosodiphenylamine	169	9.024	9.024	0.0	0	245420	2.00	
128 Diphenylamine	169	9.024	9.040	-0.016	95	245420	1.83	
131 Azobenzene	77	9.062	9.062	0.0	99	328648	1.90	
129 1,2-Diphenylhydrazine	77	9.062	9.062	0.0	0	329819	1.91	
132 Sulfotepp	202		9.152					
133 1,3,5-Trinitrobenzene	213		9.238					
228 Diallate Peak 1	86		9.275					14
135 Phenacetin	108		9.281					9
136 Phorate	121		9.286					
137 4-Bromophenyl phenyl ether	248	9.345	9.345	0.0	61	87927	1.94	
230 Diallate Peak 2	86		9.356					
139 Hexachlorobenzene	284	9.404	9.409	-0.005	88	94657	2.03	
138 Dimethoate	87		9.430					9
140 Atrazine	200	9.457	9.457	0.0	88	70787	2.12	
141 Pentachlorophenol	266	9.564	9.564	0.0	86	107704	3.78	
127 4-Aminobiphenyl	169		9.575					9
143 Pentachloronitrobenzene	237		9.591					9
142 Pronamide	173		9.607					
145 Dinoseb	211		9.719					
144 Disulfoton	88		9.725					9
146 Phenanthrene	178	9.757	9.757	0.0	94	460355	1.90	
147 Anthracene	178	9.800	9.800	0.0	97	477615	1.98	
148 DFTPP								
149 Carbazole	167	9.928	9.928	0.0	86	454068	1.94	
150 Methyl parathion	109		10.045					9
151 Di-n-butyl phthalate	149	10.185	10.185	0.0	100	513561	1.95	
152 Diphenylsulfone	125		10.209					
153 Ethyl Parathion	97		10.366					9
154 4-Nitroquinoline-1-oxide	190		10.420					
155 Methapyrilene	58		10.463					9
156 Isodrin	66		10.655					
157 Fluoranthene	202	10.762	10.762	0.0	98	524902	1.96	
158 Benzidine	184	10.859	10.859	0.0	99	254589	2.02	
160 Pyrene	202	10.971	10.971	0.0	97	573624	1.95	
164 4,4'-DDE	246		11.019					
226 Aramite Peak 1	185		11.056					
229 Aramite Peak 2	185		11.126					
161 p-Dimethylamino azobenzene	225		11.233					
162 Chlorobenzilate	139		11.265					9
163 4,4'-DDD	235		11.388					9
165 Famphur	218		11.522					
166 Butyl benzyl phthalate	149	11.549	11.549	0.0	97	222923	2.00	
167 3,3'-Dimethylbenzidine	212		11.581					
168 4,4'-DDT	235		11.672					
169 2-Acetylaminofluorene	181		11.859					
170 3,3'-Dimethoxybenzidine	244	12.148	12.148	0.0	96	108349	2.37	
173 3,3'-Dichlorobenzidine	252	12.191	12.191	0.0	66	193867	2.06	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
172 4,4'-Methylene bis(2-chloroanili	231	12.191	12.191	0.0	68	85649	1.98	
171 Bis(2-ethylhexyl) phthalate	149	12.212	12.207	0.005	96	314973	2.04	
175 Benzo[a]anthracene	228	12.239	12.244	-0.005	93	523256	2.03	
176 Chrysene	228	12.287	12.287	0.0	94	482782	1.97	
174 Hexabromobenzene	232		12.290					
177 6-Methylchrysene	242		12.894					
178 Di-n-octyl phthalate	149	13.100	13.100	0.0	99	499185	2.40	
180 Benzo[b]fluoranthene	252	13.720	13.726	-0.006	95	466136	2.19	
179 7,12-Dimethylbenz(a)anthracene	256		13.736					
181 Benzo[k]fluoranthene	252	13.763	13.763	0.0	97	501016	2.16	
182 Benzo[a]pyrene	252	14.212	14.212	0.0	77	418448	2.04	
183 3-Methylcholanthrene	268		14.774					9
184 Dibenz[a,j]acridine	279		15.595					
185 Dibenz[a,h]acridine	279		15.670					
186 Indeno[1,2,3-cd]pyrene	276	15.924	15.929	-0.005	85	299857	1.34	
187 Dibenz(a,h)anthracene	278	15.951	15.956	-0.005	69	260880	1.43	
188 Benzo[g,h,i]perylene	276	16.357	16.362	-0.005	93	223668	1.17	
S 189 Methyl Phenols,Total	100				0		1.98	
S 92 Isosafrole	162		5.138					7
S 134 Diallate	86		6.337					7
S 159 Aramite, Total	185		7.806					7
T 195 Hexamethylphosphoramide TIC	1		0.000					1
T 193 Hydroquinone TIC	110	7.291	0.0	7.291	90	51903	0	
T 231 2,3,7,8-TCDD	1		0.000					1
T 192 Decane TIC	142	2.986	3.050	-0.064	1	144	0	
T 194 Octadecane (TIC)	254	14.426	6.300	8.126	72	8628	0	
T 196 Kepone TIC	1		8.281					1
T 197 Hexachlorophene TIC	1		9.269					1

QC Flag Legend

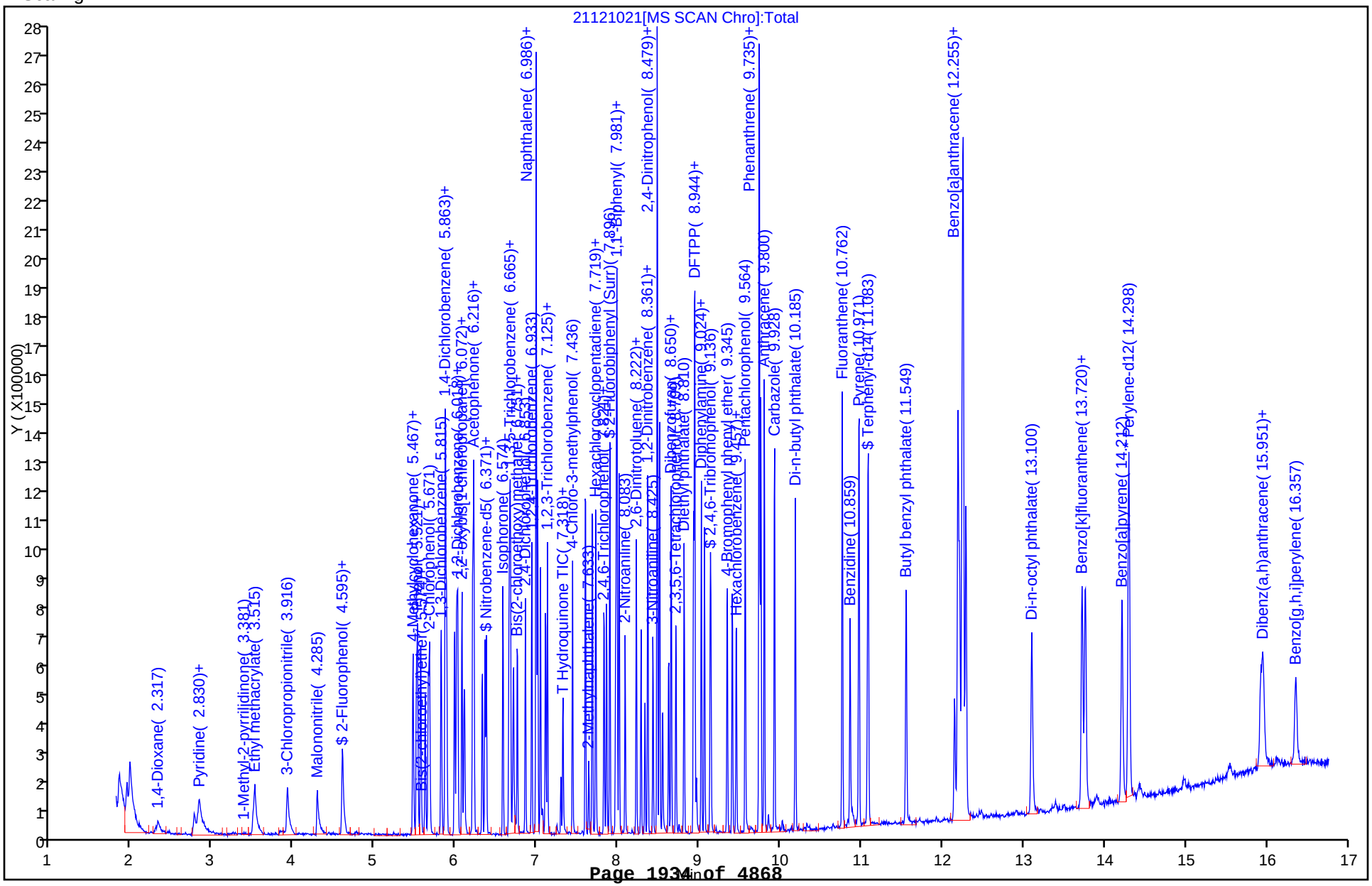
Processing Flags
1 - Missing Peaks
2 - Failed Coelution Test
4 - Failed Signal Ratio Test
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

Report Date: 27-Nov-2012 10:10:18 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121021.D		
Injection Date:	21-Nov-2012 19:06:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	21
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: CCV 240-66051/2 Calibration Date: 11/23/2012 09:55

Instrument ID: A4HP7 Calib Start Date: 11/07/2012 11:44

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 11/07/2012 14:51

Lab File ID: 21123002.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.4642	0.4678		10.1	10.0	0.8	
N-Nitrosodimethylamine	Qua		0.8247		10.3	10.0	3.0	
Pyridine	Ave	1.330	1.454		10.9	10.0	9.3	
Benzaldehyde	Ave	1.043	1.014		9.72	10.0	-2.8	
Phenol	Ave	1.674	1.732		10.3	10.0	3.5	
Aniline	Ave	2.093	2.155		10.3	10.0	3.0	
Bis(2-chloroethyl)ether	Ave	1.293	1.298		10.0	10.0	0.4	
2-Chlorophenol	Ave	1.352	1.349		9.97	10.0	-0.3	
1,3-Dichlorobenzene	Ave	1.457	1.473		10.1	10.0	1.0	
1,4-Dichlorobenzene	Ave	1.448	1.427		9.86	10.0	-1.4	
Benzyl alcohol	Ave	0.8332	0.8603		10.3	10.0	3.2	
1,2-Dichlorobenzene	Ave	1.380	1.416		10.3	10.0	2.6	
2-Methylphenol	Ave	1.220	1.238		10.2	10.0	1.5	
3 & 4 Methylphenol	Ave	1.279	1.284		10.0	10.0	0.4	
N-Nitrosodi-n-propylamine	Ave	0.9059	0.9494		10.5	10.0	4.8	
Acetophenone	Ave	1.808	1.836		10.2	10.0	1.6	
Hexachloroethane	Ave	0.5884	0.5901		10.0	10.0	0.3	
Nitrobenzene	Ave	0.3635	0.3804		10.5	10.0	4.6	
Isophorone	Ave	0.6380	0.6599		10.3	10.0	3.4	
2-Nitrophenol	Ave	0.1710	0.1853		10.8	10.0	8.3	
2,4-Dimethylphenol	Ave	0.3362	0.3610		10.7	10.0	7.4	
Benzoic acid	Qua		0.2154		19.4	20.0	-3.1	
Bis(2-chloroethoxy)methane	Ave	0.4052	0.4084		10.1	10.0	0.8	
2,4-Dichlorophenol	Ave	0.2657	0.2758		10.4	10.0	3.8	
1,2,4-Trichlorobenzene	Ave	0.3169	0.3248		10.2	10.0	2.5	
Naphthalene	Ave	0.999	1.012		10.1	10.0	1.3	
Hexachlorobutadiene	Ave	0.1716	0.1670		9.73	10.0	-2.7	
Caprolactam	Qua		0.1041		10.3	10.0	3.4	
4-Chloro-3-methylphenol	Ave	0.2854	0.2979		10.4	10.0	4.4	
2-Methylnaphthalene	Ave	0.6393	0.6385		9.99	10.0	-0.1	
Hexachlorocyclopentadiene	Ave	0.3241	0.3437		10.6	10.0	6.0	
2,4,6-Trichlorophenol	Ave	0.3372	0.3653		10.8	10.0	8.3	
2,4,5-Trichlorophenol	Ave	0.3632	0.3974		10.9	10.0	9.4	
1,1'-Biphenyl	Ave	1.413	1.400		9.91	10.0	-0.9	
2-Chloronaphthalene	Ave	1.105	1.107		10.0	10.0	0.2	
2-Nitroaniline	Ave	0.3242	0.3522		10.9	10.0	8.6	
Dimethyl phthalate	Ave	1.175	1.204		10.2	10.0	2.5	
2,6-Dinitrotoluene	Qua		0.2766		10.3	10.0	2.5	
Acenaphthylene	Ave	1.825	1.881		10.3	10.0	3.1	
3-Nitroaniline	Ave	0.2941	0.3263		11.1	10.0	11.0	
Acenaphthene	Ave	1.097	1.113		10.1	10.0	1.4	

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: CCV 240-66051/2 Calibration Date: 11/23/2012 09:55

Instrument ID: A4HP7 Calib Start Date: 11/07/2012 11:44

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 11/07/2012 14:51

Lab File ID: 21123002.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,4-Dinitrophenol	Qua		0.1854		20.0	20.0	-0.0	
4-Nitrophenol	Ave	0.1694	0.1797		10.6	10.0	6.1	
2,4-Dinitrotoluene	Qua		0.3742		10.3	10.0	2.7	
Dibenzofuran	Ave	1.629	1.617		9.93	10.0	-0.7	
Diethyl phthalate	Ave	1.228	1.243		10.1	10.0	1.2	
4-Chlorophenyl phenyl ether	Ave	0.6187	0.6480		10.5	10.0	4.7	
Fluorene	Ave	1.308	1.313		10.0	10.0	0.4	
4-Nitroaniline	Qua		0.3236		10.0	10.0	0.4	
4,6-Dinitro-2-methylphenol	Qua		0.1262		9.58	10.0	-4.2	
N-Nitrosodiphenylamine	Ave	0.5517	0.5588		10.1	10.0	1.3	
1,2-Diphenylhydrazine(as Azobenzene)	Ave	0.7785	0.7838		10.1	10.0	0.7	
4-Bromophenyl phenyl ether	Ave	0.2040	0.2103		10.3	10.0	3.1	
Hexachlorobenzene	Ave	0.2101	0.2118		10.1	10.0	0.8	
Atrazine	Ave	0.1501	0.1590		10.6	10.0	5.9	
Pentachlorophenol	Qua		0.1418		19.9	20.0	-0.6	
Phenanthrene	Ave	1.093	1.071		9.80	10.0	-2.0	
Anthracene	Ave	1.086	1.113		10.3	10.0	2.5	
Carbazole	Ave	1.055	1.065		10.1	10.0	0.9	
Di-n-butyl phthalate	Ave	1.185	1.255		10.6	10.0	5.9	
Fluoranthene	Ave	1.207	1.251		10.4	10.0	3.7	
Benzidine	Qua		0.6890		10.0	10.0	0.0	
Pyrene	Ave	1.276	1.253		9.82	10.0	-1.8	
Butyl benzyl phthalate	Qua		0.5265		9.99	10.0	-0.0	
3,3'-Dichlorobenzidine	Qua		0.4448		9.98	10.0	-0.2	
Bis(2-ethylhexyl) phthalate	Qua		0.7491		10.0	10.0	0.4	
Benzo[a]anthracene	Ave	1.116	1.118		10.0	10.0	0.2	
Chrysene	Ave	1.064	1.046		9.83	10.0	-1.7	
Di-n-octyl phthalate	Qua		1.505		10.3	10.0	3.1	
Benzo[b]fluoranthene	Ave	1.276	1.348		10.6	10.0	5.6	
Benzo[k]fluoranthene	Ave	1.387	1.435		10.3	10.0	3.5	
Benzo[a]pyrene	Qua		1.319		9.97	10.0	-0.3	
Indeno[1,2,3-cd]pyrene	Qua		1.473		10.1	10.0	1.4	
Dibenz(a,h)anthracene	Qua		1.245		10.1	10.0	0.6	
Benzo[g,h,i]perylene	Ave	1.145	1.259		11.0	10.0	10.0	
2-Fluorophenol (Surr)	Ave	1.236	1.292		10.4	10.0	4.5	
Phenol-d5 (Surr)	Ave	1.570	1.627		10.4	10.0	3.7	
Nitrobenzene-d5 (Surr)	Ave	0.3517	0.3710		10.5	10.0	5.5	
2-Fluorobiphenyl (Surr)	Ave	1.298	1.297		10.0	10.0	-0.0	
2,4,6-Tribromophenol (Surr)	Ave	0.1655	0.1816		11.0	10.0	9.8	
Terphenyl-d14 (Surr)	Ave	0.7408	0.7304		9.86	10.0	-1.4	

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123002.D		
Lims ID:	ccv tcl	Client ID:	
Inject. Date:	23-Nov-2012 09:55:30	Dil. Factor:	1.0000
Sample Type:	CCVIS		
Sample ID:	240-0015199-002		
Misc. Info.:	ccv tcl		
Operator:	001710	Instrument ID:	A4HP7
Injection Vol:	1.0 ul	ALS Bottle#:	2
Lims Batch ID:	66051	Lims Sample ID:	2
Sublist:	chrom-8270_hp7*sub15		
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP7\20121123-15199.b\8270_hp7.m		
Last Update:	26-Nov-2012 14:12:55	Calib Date:	14-Nov-2012 18:19:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP7\20121114-14953.b\21114010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK022		
First Level Reviewer: gruberj		Date:	23-Nov-2012 10:13:35

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.856	5.856	0.0	96	181219	4.00	
* 2 Naphthalene-d8	136	6.979	6.979	0.0	99	692247	4.00	
* 3 Acenaphthene-d10	164	8.471	8.471	0.0	93	393429	4.00	
* 4 Phenanthrene-d10	188	9.728	9.728	0.0	98	686753	4.00	
* 5 Chrysene-d12	240	12.242	12.242	0.0	95	712436	4.00	
* 6 Perylene-d12	264	14.275	14.275	0.0	94	594434	4.00	
$ 7 2-Fluorophenol	112	4.583	4.583	0.0	94	585128	10.4	
$ 8 Phenol-d5	99	5.503	5.503	0.0	90	737190	10.4	
$ 9 Nitrobenzene-d5	82	6.348	6.348	0.0	88	642018	10.5	
$ 10 2-Fluorobiphenyl (Surr)	172	7.888	7.888	0.0	99	1275899	10.0	
$ 11 2,4,6-Tribromophenol	330	9.135	9.135	0.0	93	178656	11.0	
$ 12 Terphenyl-d14	244	11.071	11.071	0.0	98	1300939	9.86	
24 1,4-Dioxane	88	2.294	2.294	0.0	93	211930	10.1	M
25 N-Nitrosodimethylamine	74	2.738	2.738	0.0	88	373642	10.3	
26 Pyridine	79	2.786	2.786	0.0	94	658787	10.9	
27 Ethyl methacrylate	69	3.486	3.486	0.0	90	529406	10.6	
28 3-Chloropropionitrile	54	3.898	3.898	0.0	87	376362	11.3	
32 Malononitrile	66	4.267	4.267	0.0	98	700803	11.1	
40 Benzaldehyde	77	5.455	5.455	0.0	95	459246	9.72	
41 Phenol	94	5.514	5.514	0.0	99	784674	10.3	
43 Aniline	93	5.551	5.551	0.0	97	976313	10.3	
44 Bis(2-chloroethyl)ether	93	5.605	5.605	0.0	95	588157	10.0	
46 2-Chlorophenol	128	5.658	5.658	0.0	97	610964	9.97	
47 1,3-Dichlorobenzene	146	5.802	5.802	0.0	96	667184	10.1	
48 1,4-Dichlorobenzene	146	5.872	5.872	0.0	93	646594	9.86	
49 Benzyl alcohol	108	5.968	5.968	0.0	90	389738	10.3	
50 1,2-Dichlorobenzene	146	6.011	6.011	0.0	95	641501	10.3	
51 2-Methylphenol	108	6.059	6.059	0.0	96	561035	10.2	
52 2,2'-oxybis[1-chloropropane]	45	6.091	6.091	0.0	92	877525	10.2	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
191 3 & 4 Methylphenol	108	6.193	6.193	0.0	97	581838	10.0	
56 N-Nitrosodi-n-propylamine	70	6.204	6.204	0.0	91	430142	10.5	
57 Acetophenone	105	6.209	6.209	0.0	93	832011	10.2	
60 Hexachloroethane	117	6.311	6.311	0.0	94	267350	10.0	
61 Nitrobenzene	77	6.364	6.364	0.0	84	658268	10.5	
63 Isophorone	82	6.567	6.567	0.0	97	1142070	10.3	
65 2-Nitrophenol	139	6.642	6.642	0.0	95	320642	10.8	
66 1,3,5-Trichlorobenzene	180	6.653	6.653	0.0	95	548597	10.0	
64 2,4-Dimethylphenol	107	6.658	6.658	0.0	72	624686	10.7	
69 Benzoic acid	122	6.728	6.728	0.0	86	745440	19.4	
68 Bis(2-chloroethoxy)methane	93	6.744	6.744	0.0	92	706847	10.1	
71 2,4-Dichlorophenol	162	6.845	6.845	0.0	95	477266	10.4	
72 1,2,4-Trichlorobenzene	180	6.926	6.926	0.0	92	562096	10.2	
73 Naphthalene	128	6.995	6.995	0.0	97	1752086	10.1	
74 4-Chloroaniline	127	7.033	7.033	0.0	86	752574	10.2	
77 Hexachlorobutadiene	225	7.091	7.091	0.0	94	289044	9.73	
78 1,2,3-Trichlorobenzene	180	7.118	7.118	0.0	92	516560	0	
83 Caprolactam	113	7.316	7.316	0.0	76	180111	10.3	
84 4-Chloro-3-methylphenol	107	7.428	7.428	0.0	97	515486	10.4	
85 2-Methylnaphthalene	142	7.584	7.584	0.0	90	1104991	9.99	
86 1-Methylnaphthalene	142	7.669	7.669	0.0	90	1064823	10.1	
88 Hexachlorocyclopentadiene	237	7.712	7.712	0.0	73	338001	10.6	
87 1,2,3,5-Tetrachlorobenzene	216	7.712	7.712	0.0	95	558200	10.4	
90 2,4,6-Trichlorophenol	196	7.814	7.814	0.0	91	359259	10.8	
91 2,4,5-Trichlorophenol	196	7.846	7.846	0.0	95	390847	10.9	
94 2,4-Toluene diamine	121	7.958	7.958	0.0	97	350236	9.94	
96 1,2,3,4 -Tetrachlorobenzene	216	7.969	7.969	0.0	95	517868	0	
95 1,1'-Biphenyl	154	7.974	7.974	0.0	94	1376633	9.91	
98 2-Chloronaphthalene	162	8.001	8.001	0.0	96	1088367	10.0	
100 2-Nitroaniline	65	8.076	8.076	0.0	85	346419	10.9	
103 Dimethyl phthalate	163	8.215	8.215	0.0	98	1183804	10.2	
105 2,6-Dinitrotoluene	165	8.273	8.273	0.0	94	272085	10.3	
106 1,2-Dinitrobenzene	168	8.322	8.322	0.0	90	141256	11.0	
107 Acenaphthylene	152	8.354	8.354	0.0	95	1850539	10.3	
108 3-Nitroaniline	138	8.418	8.418	0.0	93	320920	11.1	
110 Acenaphthene	153	8.498	8.498	0.0	93	1094740	10.1	
109 2,4-Dinitrophenol	184	8.509	8.509	0.0	89	364669	20.0	
111 4-Nitrophenol	109	8.536	8.536	0.0	92	176720	10.6	
112 2,4-Dinitrotoluene	165	8.616	8.616	0.0	95	368065	10.3	
114 Dibenzofuran	168	8.643	8.643	0.0	88	1590288	9.93	
115 2,3,5,6-Tetrachlorophenol	232	8.701	8.701	0.0	93	317375	10.8	
119 Diethyl phthalate	149	8.803	8.803	0.0	97	1223042	10.1	
121 4-Chlorophenyl phenyl ether	204	8.921	8.921	0.0	90	637307	10.5	
124 Fluorene	166	8.931	8.931	0.0	80	1291763	10.0	
123 4-Nitroaniline	138	8.937	8.937	0.0	85	318241	10.0	
126 4,6-Dinitro-2-methylphenol	198	8.958	8.958	0.0	84	216595	9.58	
130 N-Nitrosodiphenylamine	169	9.017	9.017	0.0	0	959368	10.1	
131 Azobenzene	77	9.054	9.054	0.0	99	1345667	10.1	
129 1,2-Diphenylhydrazine	77	9.054	9.054	0.0	0	1345667	10.1	
137 4-Bromophenyl phenyl ether	248	9.333	9.333	0.0	65	361046	10.3	
139 Hexachlorobenzene	284	9.397	9.397	0.0	90	363555	10.1	
140 Atrazine	200	9.450	9.450	0.0	93	272998	10.6	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
141 Pentachlorophenol	266	9.557	9.557	0.0	91	486807	19.9	
146 Phenanthrene	178	9.750	9.750	0.0	97	1839138	9.80	
147 Anthracene	178	9.792	9.792	0.0	97	1911561	10.3	
149 Carbazole	167	9.916	9.916	0.0	82	1827616	10.1	
151 Di-n-butyl phthalate	149	10.172	10.172	0.0	100	2153847	10.6	
157 Fluoranthene	202	10.755	10.755	0.0	97	2148363	10.4	
158 Benzidine	184	10.846	10.846	0.0	99	1227197	10.0	
160 Pyrene	202	10.959	10.959	0.0	96	2231871	9.82	
166 Butyl benzyl phthalate	149	11.536	11.536	0.0	96	937727	10.0	
170 3,3'-Dimethoxybenzidine	244	12.135	12.135	0.0	87	507662	10.3	
172 4,4'-Methylene bis(2-chloroanili	231	12.173	12.173	0.0	72	368096	10.1	
173 3,3'-Dichlorobenzidine	252	12.178	12.178	0.0	63	792245	9.98	
171 Bis(2-ethylhexyl) phthalate	149	12.194	12.194	0.0	95	1334134	10.0	
175 Benzo[a]anthracene	228	12.226	12.226	0.0	98	1991589	10.0	
176 Chrysene	228	12.274	12.274	0.0	94	1862942	9.83	
178 Di-n-octyl phthalate	149	13.082	13.082	0.0	99	2237143	10.3	
180 Benzo[b]fluoranthene	252	13.702	13.702	0.0	94	2003258	10.6	
181 Benzo[k]fluoranthene	252	13.745	13.745	0.0	95	2131883	10.3	
182 Benzo[a]pyrene	252	14.194	14.194	0.0	75	1960128	9.97	
186 Indeno[1,2,3-cd]pyrene	276	15.906	15.906	0.0	97	2188623	10.1	
187 Dibenz(a,h)anthracene	278	15.933	15.933	0.0	69	1850039	10.1	
188 Benzo[g,h,i]perylene	276	16.334	16.334	0.0	94	1871345	11.0	
S 189 Methyl Phenols,Total	100				0		10.2	

QC Flag Legend

Review Flags
M - Manually Integrated

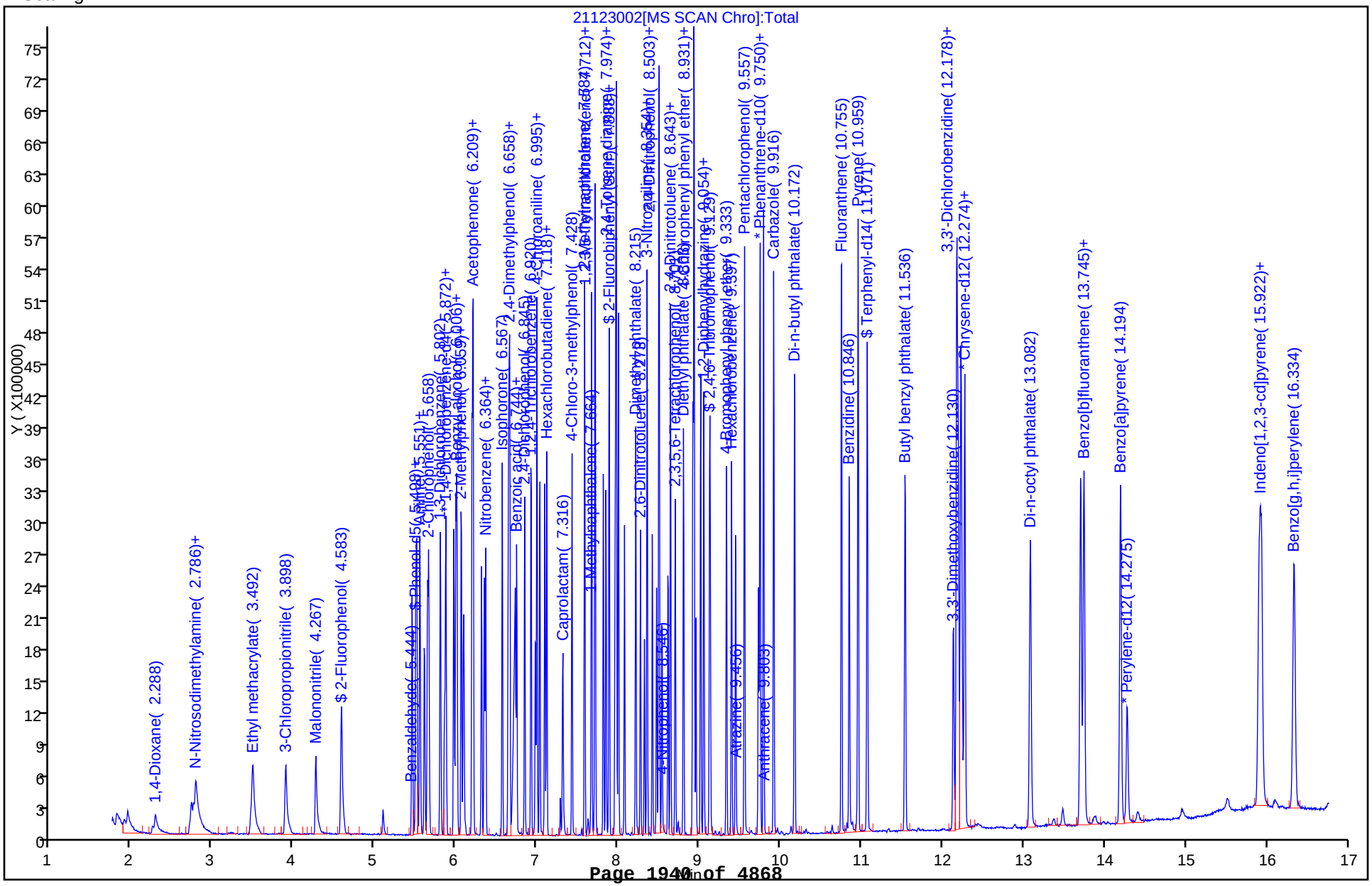
Report Date: 26-Nov-2012 14:12:55 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123002.D

Injection Date:	23-Nov-2012 09:55:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	66051	Lims Sample ID:	2
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



Manual Integration/User Assign Peak Report

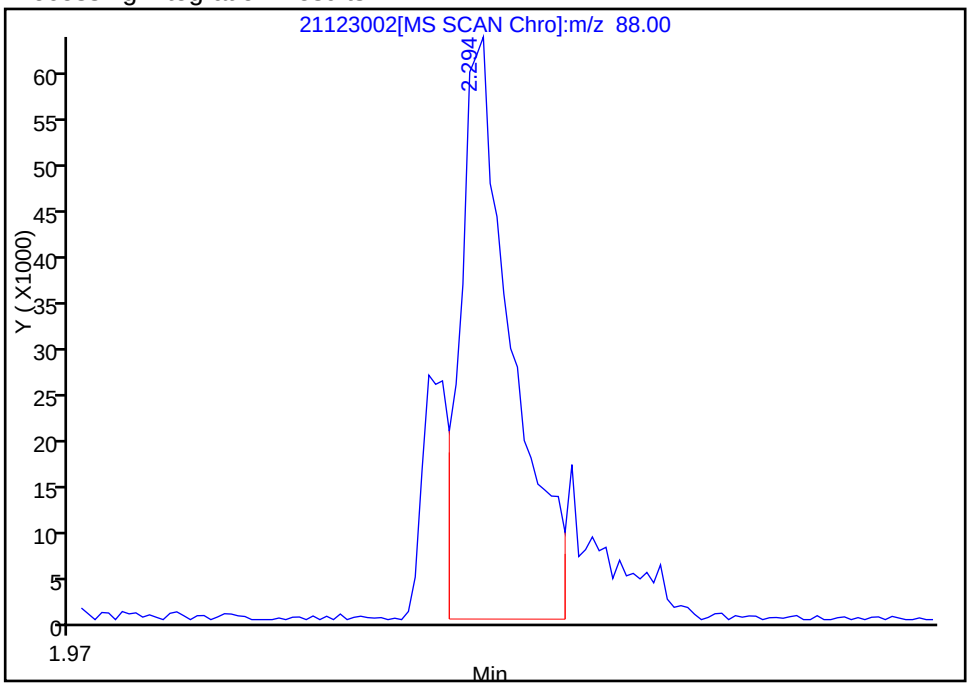
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123002.D		
Injection Date:	23-Nov-2012 09:55:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	66051	Lims Sample ID:	2
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

24 1,4-Dioxane, Signal: 1, m/z: 88.0 Type: quant, RT: 2.29

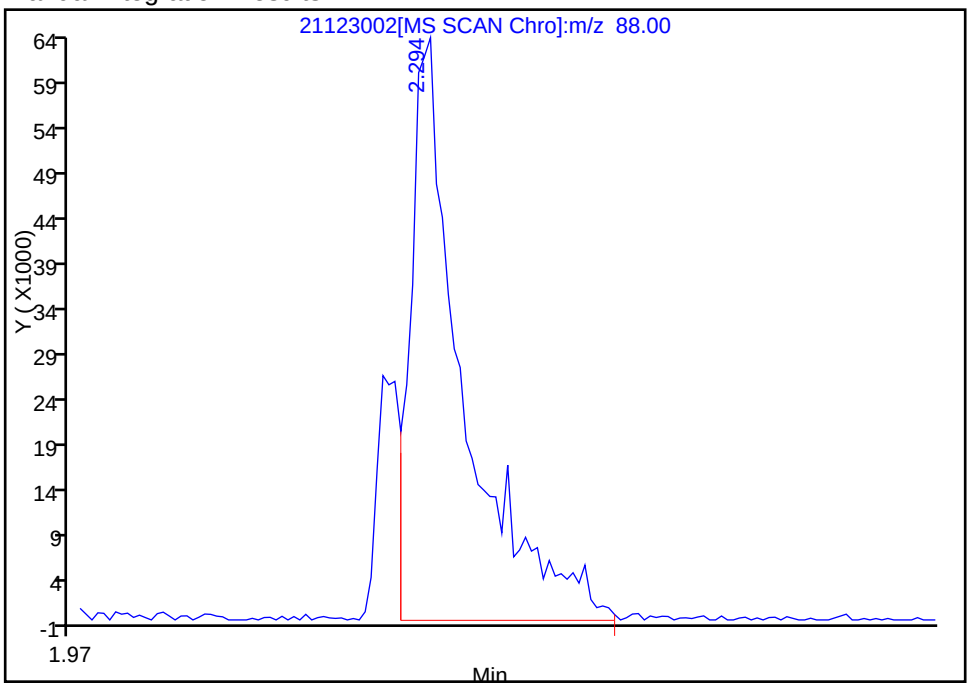
Processing Integration Results

RT: 2.29
Response: 177911
Amount: 8.459698



Manual Integration Results

RT: 2.29
Response: 211930
Amount: 10.077307



Reviewer: gruberj, 23-Nov-2012 10:13:35
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: mdll1 Calibration Date: 11/23/2012 14:58

Instrument ID: A4HP7 Calib Start Date: 11/07/2012 11:44

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 11/07/2012 14:51

Lab File ID: 21123014.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzaldehyde	Ave	1.043			0.117	0.100		
Phenol	Ave	1.674			0.0900	0.100		
Aniline	Ave	2.093			0.103	0.100		
Bis(2-chloroethyl)ether	Ave	1.293			0.0913	0.100		
2-Chlorophenol	Ave	1.352			0.109	0.100		
1,3-Dichlorobenzene	Ave	1.457			0.100	0.100		
1,4-Dichlorobenzene	Ave	1.448			0.100	0.100		
Benzyl alcohol	Ave	0.8332			0.0944	0.100		
1,2-Dichlorobenzene	Ave	1.380			0.114	0.100		
2-Methylphenol	Ave	1.220			0.105	0.100		
3 & 4 Methylphenol	Ave	1.279			0.0908	0.100		
N-Nitrosodi-n-propylamine	Ave	0.9059			0.140	0.100		
Acetophenone	Ave	1.808			0.109	0.100		
Hexachloroethane	Ave	0.5884			0.107	0.100		
Nitrobenzene	Ave	0.3635			0.0984	0.100		
Isophorone	Ave	0.6380			0.0973	0.100		
2-Nitrophenol	Ave	0.1710			0.123	0.100		
2,4-Dimethylphenol	Ave	0.3362			0.0936	0.100		
Bis(2-chloroethoxy)methane	Ave	0.4052			0.100	0.100		
2,4-Dichlorophenol	Ave	0.2657			0.0780	0.100		
1,2,4-Trichlorobenzene	Ave	0.3169			0.0902	0.100		
Naphthalene	Ave	0.999			0.104	0.100		
Hexachlorobutadiene	Ave	0.1716			0.104	0.100		
Caprolactam	Qua				0.549	0.100		
4-Chloro-3-methylphenol	Ave	0.2854			0.0882	0.100		
2-Methylnaphthalene	Ave	0.6393			0.102	0.100		
2,4,6-Trichlorophenol	Ave	0.3372			0.115	0.100		
2,4,5-Trichlorophenol	Ave	0.3632			0.145	0.100		
1,1'-Biphenyl	Ave	1.413			0.0954	0.100		
2-Chloronaphthalene	Ave	1.105			0.101	0.100		
2-Nitroaniline	Ave	0.3242			0.113	0.100		
Dimethyl phthalate	Ave	1.175			0.107	0.100		
Acenaphthylene	Ave	1.825			0.106	0.100		
3-Nitroaniline	Ave	0.2941			0.0861	0.100		
Acenaphthene	Ave	1.097			0.0983	0.100		
Dibenzofuran	Ave	1.629			0.109	0.100		
Diethyl phthalate	Ave	1.228			0.170	0.100		
4-Chlorophenyl phenyl ether	Ave	0.6187			0.0990	0.100		
4-Nitroaniline	Qua				0.368	0.100		
Fluorene	Ave	1.308			0.0952	0.100		
N-Nitrosodiphenylamine	Ave	0.5517			0.109	0.100		

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: mdll1 Calibration Date: 11/23/2012 14:58

Instrument ID: A4HP7 Calib Start Date: 11/07/2012 11:44

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 11/07/2012 14:51

Lab File ID: 21123014.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Diphenylhydrazine(as Azobenzene)	Ave	0.7785			0.0838	0.100		
4-Bromophenyl phenyl ether	Ave	0.2040			0.111	0.100		
Hexachlorobenzene	Ave	0.2101			0.120	0.100		
Atrazine	Ave	0.1501			0.125	0.100		
Pentachlorophenol	Qua				0.509	0.200		
Phenanthrene	Ave	1.093			0.111	0.100		
Anthracene	Ave	1.086			0.107	0.100		
Carbazole	Ave	1.055			0.101	0.100		
Di-n-butyl phthalate	Ave	1.185			0.114	0.100		
Fluoranthene	Ave	1.207			0.101	0.100		
Benzidine	Qua				0.449	0.100		
Pyrene	Ave	1.276			0.109	0.100		
Butyl benzyl phthalate	Qua				0.237	0.100		
3,3'-Dichlorobenzidine	Qua				0.298	0.100		
Bis(2-ethylhexyl) phthalate	Qua				0.318	0.100		
Benzo[a]anthracene	Ave	1.116			0.119	0.100		
Chrysene	Ave	1.064			0.108	0.100		
Di-n-octyl phthalate	Qua				0.426	0.100		
Benzo[b]fluoranthene	Ave	1.276			0.109	0.100		
Benzo[k]fluoranthene	Ave	1.387			0.106	0.100		
Benzo[a]pyrene	Qua				0.210	0.100		
Indeno[1,2,3-cd]pyrene	Qua				0.171	0.100		
Dibenz(a,h)anthracene	Qua				0.261	0.100		
Benzo[g,h,i]perylene	Ave	1.145			0.0991	0.100		
1,4-Dioxane	Ave	0.4642			0.000800	0.100		
2,4-Dinitrophenol	Qua				0.00240	0.200		
2,4-Dinitrotoluene	Qua				0.000800	0.100		
2,6-Dinitrotoluene	Qua				0.000800	0.100		
4,6-Dinitro-2-methylphenol	Qua				0.00240	0.100		
4-Nitrophenol	Ave	0.1694			0.00240	0.100		
Benzoic acid	Qua				0.0100	0.200		
Hexachlorocyclopentadiene	Ave	0.3241			0.000800	0.100		
N-Nitrosodimethylamine	Qua				0.000800	0.100		
Pyridine	Ave	1.330			0.000800	0.100		
2-Fluorophenol (Surr)	Ave	1.236			0.104	0.100	104	35-105
Phenol-d5 (Surr)	Ave	1.570			0.0881	0.100	88	40-100
Nitrobenzene-d5 (Surr)	Ave	0.3517			0.104	0.100	104*	35-100
2-Fluorobiphenyl (Surr)	Ave	1.298			0.107	0.100	107*	45-105

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: mdll1 Calibration Date: 11/23/2012 14:58

Instrument ID: A4HP7 Calib Start Date: 11/07/2012 11:44

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 11/07/2012 14:51

Lab File ID: 21123014.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
2,4,6-Tribromophenol (Surr)	Ave	0.1655			0.108	0.100	108	35-125
Terphenyl-d14 (Surr)	Ave	0.7408			0.106	0.100	106	30-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123014.D
Lims ID: mdll1 Client ID:
Inject. Date: 23-Nov-2012 14:58:30 Dil. Factor: 1.0000
Sample Type: LODV
Sample ID: 240-0015199-014
Misc. Info.: mdll1
Operator: 001710 Instrument ID: A4HP7
Injection Vol: 1.0 ul ALS Bottle#: 14
Lims Batch ID: 66051 Lims Sample ID: 14
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121123-15199.b\8270_hp7.m
Last Update: 26-Nov-2012 14:12:55 Calib Date: 14-Nov-2012 18:19:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP7\20121114-14953.b\21114010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: 5% phenyl Column Dia: 0.18 mm
Process Host: XAWRK022

First Level Reviewer: gruberj Date: 26-Nov-2012 10:35:36

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.856	5.856	0.0	96	204366	4.00	
* 2 Naphthalene-d8	136	6.974	6.979	-0.005	99	779938	4.00	
* 3 Acenaphthene-d10	164	8.466	8.471	-0.005	90	440990	4.00	
* 4 Phenanthrene-d10	188	9.723	9.728	-0.005	98	787445	4.00	
* 5 Chrysene-d12	240	12.231	12.242	-0.011	97	775531	4.00	
* 6 Perylene-d12	264	14.269	14.275	-0.006	96	692630	4.00	
$ 7 2-Fluorophenol	112	4.594	4.583	0.011	1	6581	0.1042	M
$ 8 Phenol-d5	99	5.497	5.503	-0.006	75	7067	0.0881	
$ 9 Nitrobenzene-d5	82	6.343	6.348	-0.005	74	7119	0.1038	
$ 10 2-Fluorobiphenyl (Surr)	172	7.883	7.888	-0.005	83	15334	0.1072	
$ 11 2,4,6-Tribromophenol	330	9.135	9.135	0.0	27	1974	0.1082	
$ 12 Terphenyl-d14	244	11.065	11.071	-0.006	86	15228	0.1060	
241 Tricresyl phosphate TIC	1		0.000					
243 3-(1,1-Dimethylethyl Phenol) TIC	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
19 Bis(4-hydroxyphenyl)methane	1		0.000					
240 3-isopropylphenol TIC	1		0.000					
234 2-Isopropylphenol TIC	1		0.000					
238 Trimethyl phosphate TIC	1		0.000					
13 Bis(2-hydroxyphenyl)methane	1		0.000					
239 2,3,7,8 TCDF TIC	1		0.000					
14 4-Methylcatechol	1		0.000					
242 Triphenyl Phosphate TIC	1		0.000					
15 Catechol	1		0.000					
17 4-Chlorophenol	1		0.000					
237 Tris(2,3-dibromopropyl)phosphate	1		0.000					
235 2,3,7,8-TCDD TIC	1		0.000					
23 Octachlorocyclopentene	1		0.000					
236 4-isopropylphenol TIC	1		0.000					
21 Octachlorostyrene	1		0.000					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
22 3-Methylcatechol	1		0.000					
20 2,5-Dichlorophenol	1		0.000					
24 1,4-Dioxane	88		2.294					9
25 N-Nitrosodimethylamine	74		2.738					
26 Pyridine	79		2.786					9
232 1-Methyl-2-pyrrilidinone	99	3.219	3.271	-0.052	0	120	0	
27 Ethyl methacrylate	69		3.486					
18 Dimethylformamide	73		3.545					
28 3-Chloropropionitrile	54		3.898					
30 2-Picoline	93		3.964					9
31 N-Nitrosomethylethylamine	88		4.103					
32 Malononitrile	66		4.267					9
33 Acrylamide	71	4.422	4.401	0.021	1	347	0	
34 Methyl methanesulfonate	80		4.451					
29 3-Picoline	93		4.510					
233 n,n'-Dimethylacetamide	44	4.577	4.536	0.041	0	1097	0	
35 N-Nitrosodiethylamine	102		4.868					
36 Ethyl methanesulfonate	79		5.162					
37 2-Methylcyclohexanone	68	5.374	5.376	-0.002	10	343	0	
38 3-Methylcyclohexanone	69	5.412	5.414	-0.002	1	352	0	
40 Benzaldehyde	77	5.455	5.455	0.0	82	6221	0.1168	
39 4-Methylcyclohexanone	55	5.401	5.462	-0.061	1	2558	0	
41 Phenol	94	5.514	5.514	0.0	77	7692	0.0900	
42 Phenylmercaptan	110		5.524					
43 Aniline	93	5.551	5.551	0.0	65	10981	0.1027	
44 Bis(2-chloroethyl)ether	93	5.604	5.605	0.0	77	6032	0.0913	
45 Pentachloroethane	167		5.633					
46 2-Chlorophenol	128	5.663	5.658	0.005	74	7496	0.1085	
47 1,3-Dichlorobenzene	146	5.802	5.802	0.0	81	7482	0.1005	
48 1,4-Dichlorobenzene	146	5.872	5.872	0.0	7	7428	0.1004	
49 Benzyl alcohol	108	5.968	5.968	0.0	67	4018	0.0944	
50 1,2-Dichlorobenzene	146	6.006	6.011	-0.005	69	8047	0.1141	
51 2-Methylphenol	108	6.064	6.059	0.005	79	6550	0.1051	
52 2,2'-oxybis[1-chloropropane]	45	6.086	6.091	-0.005	60	11467	0.1183	
53 Indene	115		6.107					
191 3 & 4 Methylphenol	108	6.193	6.193	0.0	90	5933	0.0908	
56 N-Nitrosodi-n-propylamine	70	6.203	6.204	-0.001	69	6466	0.1397	
57 Acetophenone	105	6.209	6.209	0.0	84	10102	0.1094	
55 N-Nitrosopyrrolidine	100		6.216					
58 N-Nitrosomorpholine	56		6.248					9
59 2-Toluidine	106		6.269					
60 Hexachloroethane	117	6.310	6.311	-0.001	81	3214	0.1069	
61 Nitrobenzene	77	6.359	6.364	-0.005	69	6976	0.0984	
62 N-Nitrosopiperidine	114		6.521					
63 Isophorone	82	6.562	6.567	-0.005	90	12101	0.0973	
65 2-Nitrophenol	139	6.637	6.642	-0.005	68	4114	0.1234	
66 1,3,5-Trichlorobenzene	180	6.647	6.653	-0.006	90	6462	0.1045	
64 2,4-Dimethylphenol	107	6.658	6.658	0.0	50	6137	0.0936	
69 Benzoic acid	122		6.728					
67 o,o',o''-Triethylphosphorothioat	198		6.740					
68 Bis(2-chloroethoxy)methane	93	6.744	6.744	0.0	86	7916	0.1002	
71 2,4-Dichlorophenol	162	6.845	6.845	0.0	61	4041	0.0780	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
70 alpha,alpha-Dimethyl phenethylam	58		6.863					
72 1,2,4-Trichlorobenzene	180	6.920	6.926	-0.006	61	5571	0.0902	
73 Naphthalene	128	6.995	6.995	0.0	33	20241	0.1039	
74 4-Chloroaniline	127	7.033	7.033	0.0	74	10087	0.1214	
75 2,6-Dichlorophenol	162		7.066					
77 Hexachlorobutadiene	225	7.086	7.091	-0.005	76	3486	0.1042	
76 Hexachloropropene	213		7.093					
78 1,2,3-Trichlorobenzene	180	7.113	7.118	-0.005	78	6836	0	
79 Benzothiazole	135		7.235					9
80 Quinoline	129		7.300					9
83 Caprolactam	113	7.300	7.316	-0.016	56	2232	0.5495	
81 N-Nitrosodi-n-butylamine	84		7.328					
82 p-Phenylene diamine	108		7.355					9
84 4-Chloro-3-methylphenol	107	7.423	7.428	-0.005	72	4907	0.0882	
93 Safrole, Total	162		7.521					
85 2-Methylnaphthalene	142	7.583	7.584	-0.001	78	12697	0.1019	
86 1-Methylnaphthalene	142	7.669	7.669	0.0	79	12322	0.1039	
88 Hexachlorocyclopentadiene	237		7.712					9
87 1,2,3,5-Tetrachlorobenzene	216	7.706	7.712	-0.006	85	6357	0.1061	
89 1,2,4,5-Tetrachlorobenzene	216		7.751					
225 Isosafrole Peak 1	162		7.767					19
90 2,4,6-Trichlorophenol	196	7.813	7.814	-0.001	68	4289	0.1154	
91 2,4,5-Trichlorophenol	196	7.851	7.846	0.005	63	5799	0.1448	
94 2,4-Toluene diamine	121	7.958	7.958	0.0	62	4960	0.1249	
227 Isosafrole Peak 2	162		7.960					
96 1,2,3,4 -Tetrachlorobenzene	216	7.969	7.969	0.0	50	5710	0	
95 1,1'-Biphenyl	154	7.969	7.974	-0.005	95	14865	0.0954	
98 2-Chloronaphthalene	162	7.995	8.001	-0.006	70	12345	0.1014	
97 3,4-Dichloronitrobenzene	109		8.022					9
100 2-Nitroaniline	65	8.070	8.076	-0.006	30	4037	0.1129	
99 Phenyl ether	170		8.081					
101 1,4-Naphthoquinone	158		8.168					
102 1,4-Dinitrobenzene	168		8.211					
103 Dimethyl phthalate	163	8.209	8.215	-0.006	91	13836	0.1068	
105 2,6-Dinitrotoluene	165		8.273					
104 1,3-Dinitrobenzene	168		8.275					9
106 1,2-Dinitrobenzene	168	8.316	8.322	-0.006	52	1358	0.0945	
107 Acenaphthylene	152	8.348	8.354	-0.006	82	21252	0.1056	
108 3-Nitroaniline	138	8.429	8.418	0.010	44	2790	0.0861	
110 Acenaphthene	153	8.498	8.498	0.0	83	11893	0.0983	
109 2,4-Dinitrophenol	184		8.509					
111 4-Nitrophenol	109		8.536					9
112 2,4-Dinitrotoluene	165		8.616					9
113 Pentachlorobenzene	250		8.633					
114 Dibenzofuran	168	8.642	8.643	-0.001	77	19595	0.1091	
115 2,3,5,6-Tetrachlorophenol	232		8.701					9
116 1-Naphthylamine	143		8.735					
117 2,3,4,6-Tetrachlorophenol	232		8.762					9
118 2-Naphthylamine	143		8.799					
119 Diethyl phthalate	149	8.798	8.803	-0.005	91	23042	0.1702	
120 Thionazin	97		8.901					9
121 4-Chlorophenyl phenyl ether	204	8.915	8.921	-0.006	71	6751	0.0990	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
124 Fluorene	166	8.931	8.931	0.0	71	13724	0.0952	
123 4-Nitroaniline	138	8.931	8.937	-0.006	50	3176	0.3683	
122 N-Nitro-o-toluidine	152		8.954					
126 4,6-Dinitro-2-methylphenol	198		8.958					9
125 Tributyl phosphate	99	8.963	8.992	-0.029	61	4363	0.4240	
130 N-Nitrosodiphenylamine	169	9.012	9.017	-0.005	0	11788	0.1085	
128 Diphenylamine	169	9.012	9.040	-0.028	87	11788	0.0990	
131 Azobenzene	77	9.049	9.054	-0.005	90	12740	0.0831	
129 1,2-Diphenylhydrazine	77	9.049	9.054	-0.005	0	12843	0.0838	
132 Sulfotepp	202		9.152					9
133 1,3,5-Trinitrobenzene	213		9.238					
228 Diallate Peak 1	86		9.275					14
135 Phenacetin	108		9.281					
136 Phorate	121		9.286					9
137 4-Bromophenyl phenyl ether	248	9.332	9.333	0.0	48	4469	0.1113	
230 Diallate Peak 2	86		9.356					14
139 Hexachlorobenzene	284	9.397	9.397	0.0	61	4967	0.1201	
138 Dimethoate	87		9.430					
140 Atrazine	200	9.445	9.450	-0.005	63	3709	0.1255	
141 Pentachlorophenol	266	9.557	9.557	0.0	37	3710	0.5089	
127 4-Aminobiphenyl	169		9.575					
143 Pentachloronitrobenzene	237		9.591					
142 Pronamide	173		9.607					
145 Dinoseb	211		9.719					
144 Disulfoton	88		9.725					9
146 Phenanthrene	178	9.744	9.750	-0.006	88	23856	0.1109	
147 Anthracene	178	9.787	9.792	-0.005	94	22769	0.1065	
148 DFTPP								
149 Carbazole	167	9.910	9.916	-0.006	75	20920	0.1008	
150 Methyl parathion	109		10.045					9
151 Di-n-butyl phthalate	149	10.172	10.172	0.0	93	26617	0.1141	
152 Diphenylsulfone	125		10.209					
153 Ethyl Parathion	97		10.366					9
154 4-Nitroquinoline-1-oxide	190		10.420					
155 Methapyrilene	58		10.463					9
156 Isodrin	66		10.655					
157 Fluoranthene	202	10.750	10.755	-0.005	91	23942	0.1008	
158 Benzidine	184	10.846	10.846	0.0	52	6530	0.4494	
160 Pyrene	202	10.953	10.959	-0.005	93	27020	0.1092	
164 4,4'-DDE	246		11.012					9
226 Aramite Peak 1	185		11.056					
229 Aramite Peak 2	185		11.126					
161 p-Dimethylamino azobenzene	225		11.233					
162 Chlorobenzilate	139		11.265					9
163 4,4'-DDD	235		11.370					9
165 Famphur	218		11.522					
166 Butyl benzyl phthalate	149	11.531	11.536	-0.005	77	11286	0.2368	
167 3,3'-Dimethylbenzidine	212		11.581					
168 4,4'-DDT	235		11.654					9
169 2-Acetylaminofluorene	181		11.859					
170 3,3'-Dimethoxybenzidine	244		12.135					9
172 4,4'-Methylene bis(2-chloroanili	231	12.167	12.173	-0.006	37	4059	0.2293	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
173 3,3'-Dichlorobenzidine	252	12.167	12.178	-0.011	37	8684	0.2976	
171 Bis(2-ethylhexyl) phthalate	149	12.189	12.194	-0.005	83	17907	0.3175	
175 Benzo[a]anthracene	228	12.221	12.226	-0.005	45	25825	0.1193	
176 Chrysene	228	12.263	12.274	-0.011	69	22320	0.1082	
174 Hexabromobenzene	232		12.290					
177 6-Methylchrysene	242		12.894					
178 Di-n-octyl phthalate	149	13.071	13.082	-0.011	54	24224	0.4262	
180 Benzo[b]fluoranthene	252	13.692	13.702	-0.010	80	24157	0.1093	
179 7,12-Dimethylbenz(a)anthracene	256		13.736					
181 Benzo[k]fluoranthene	252	13.740	13.745	-0.005	56	25477	0.1061	
182 Benzo[a]pyrene	252	14.178	14.194	-0.016	1	21638	0.2097	M
183 3-Methylcholanthrene	268		14.774					9
184 Dibenz[a,j]acridine	279		15.595					
185 Dibenz[a,h]acridine	279		15.670					
186 Indeno[1,2,3-cd]pyrene	276	15.895	15.906	-0.011	67	22073	0.1709	M
187 Dibenz(a,h)anthracene	278	15.933	15.933	0.0	37	19863	0.2612	M
188 Benzo[g,h,i]perylene	276	16.323	16.334	-0.011	84	19647	0.0991	
S 189 Methyl Phenols,Total	100				0		0.1051	
S 92 Isosafrole	162		5.138					7
S 134 Diallate	86		6.337					7
S 159 Aramite, Total	185		7.806					7
T 231 2,3,7,8-TCDD	1		0.000					1
T 193 Hydroquinone TIC	110		0.000					1
T 195 Hexamethylphosphoramide TIC	1		0.000					1
T 192 Decane TIC	142	3.107	3.050	0.057	1	69	0	
T 194 Octadecane (TIC)	254	13.365	6.297	7.065	86	22950	0	
T 196 Kepone TIC	1		8.281					1
T 197 Hexachlorophene TIC	1		9.269					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
4 - Failed Signal Ratio Test
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

Review Flags
M - Manually Integrated

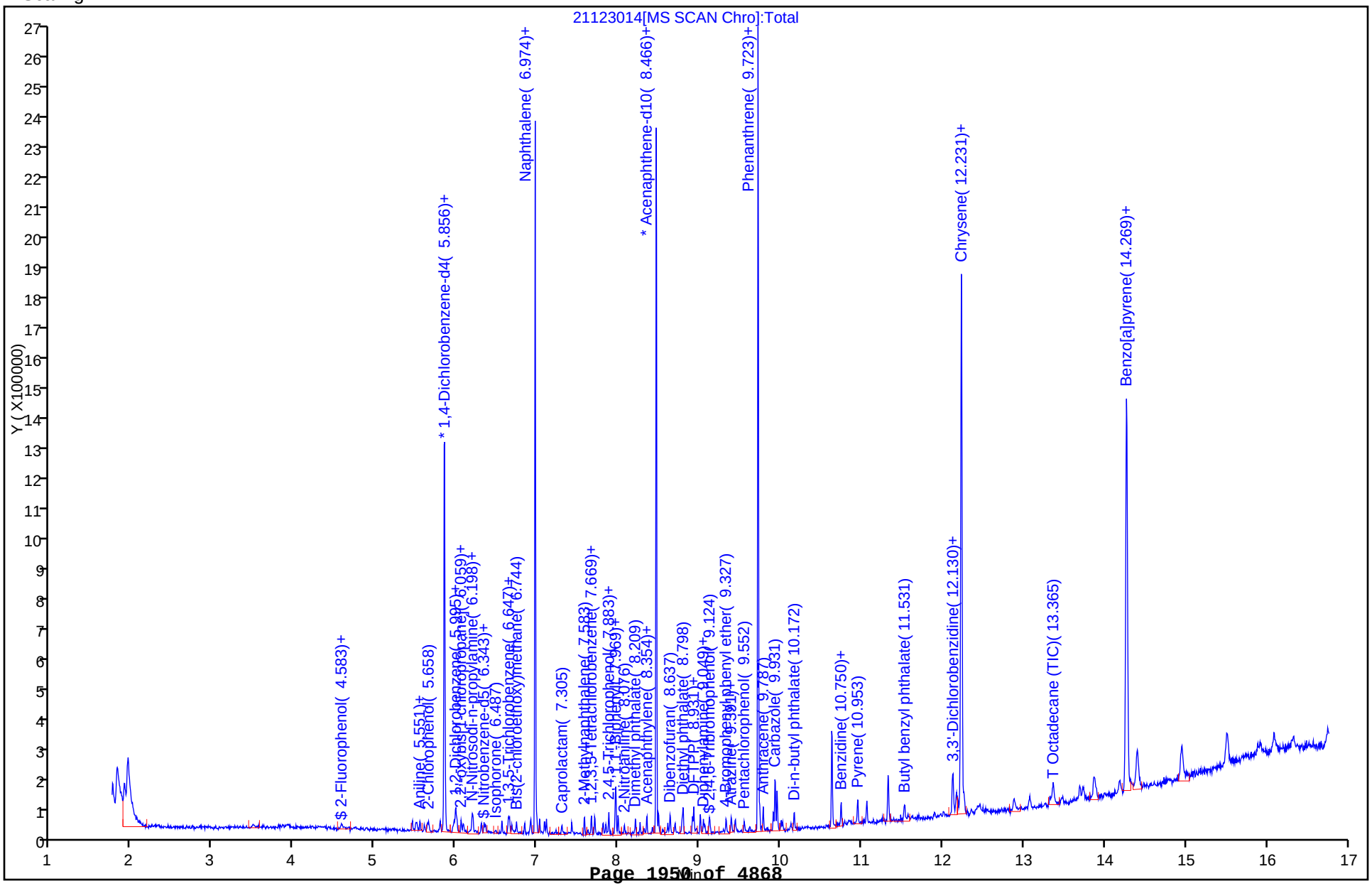
Report Date: 26-Nov-2012 14:41:46 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123014.D

Injection Date:	23-Nov-2012 14:58:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	66051	Lims Sample ID:	14
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



Manual Integration/User Assign Peak Report

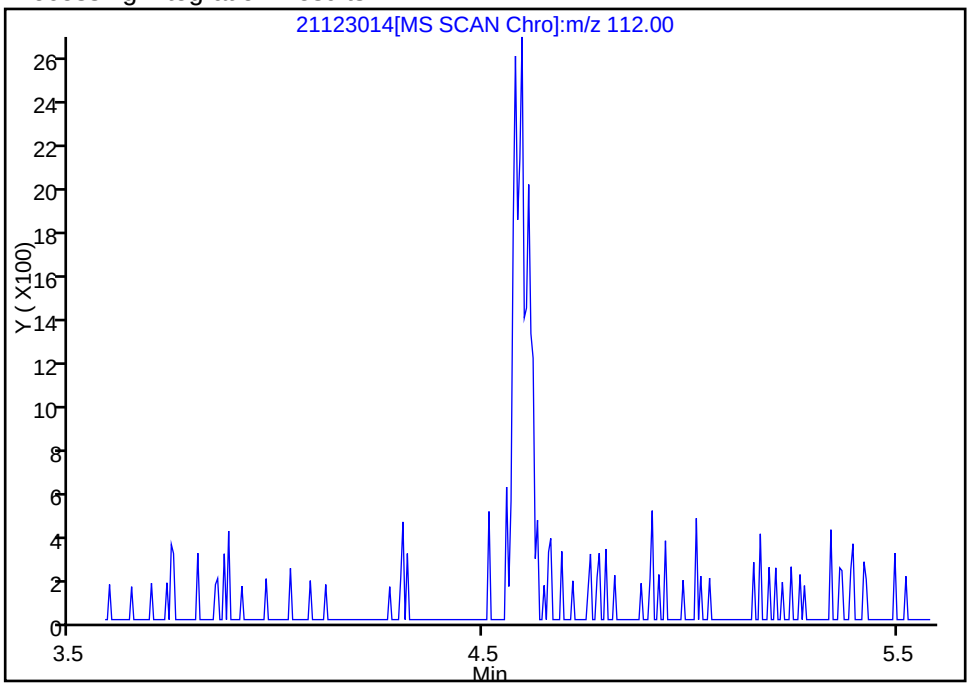
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123014.D		
Injection Date:	23-Nov-2012 14:58:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	66051	Lims Sample ID:	14
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

$ 7 2-Fluorophenol, Signal: 1, m/z: 112.0 Type: quant, RT: 4.58

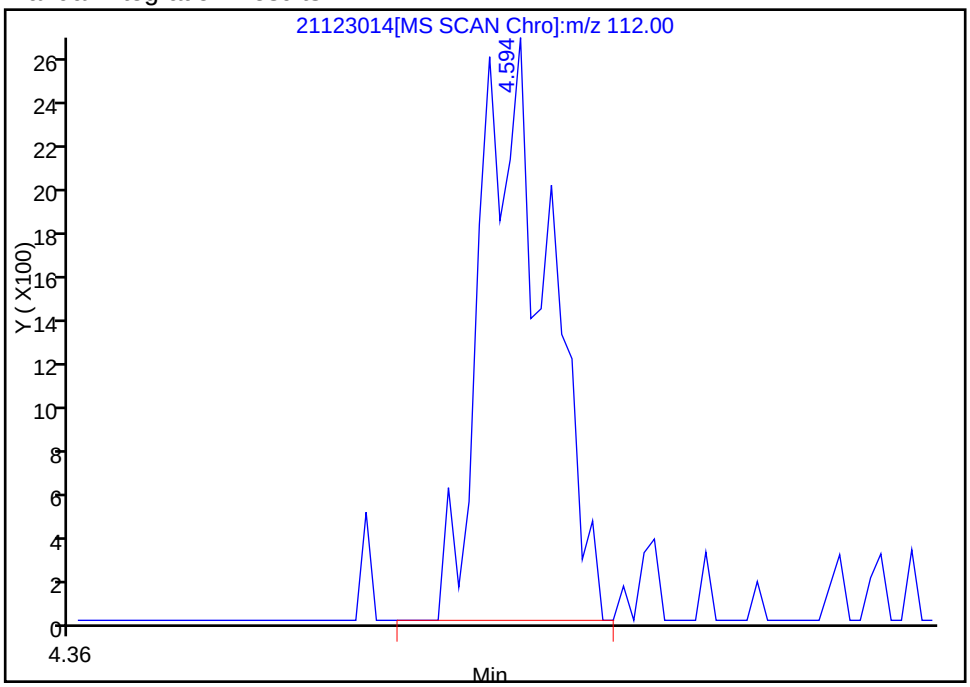
Processing Integration Results

Not Detected
Expected RT: 4.58



Manual Integration Results

RT: 4.59
Response: 6581
Amount: 0.104175



Reviewer: gruberj, 26-Nov-2012 10:35:36
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

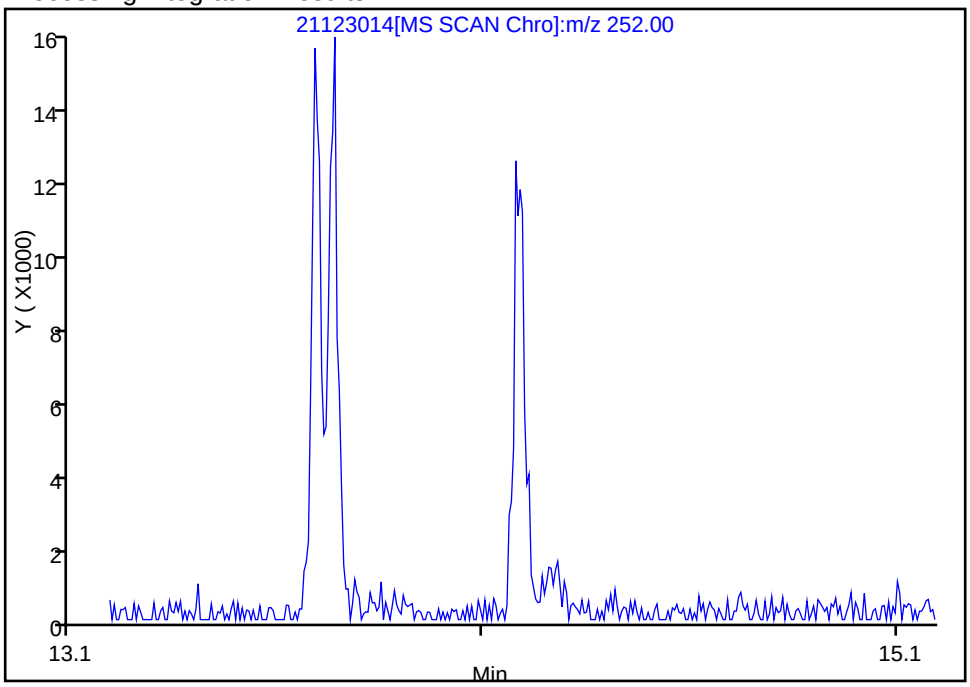
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123014.D		
Injection Date:	23-Nov-2012 14:58:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	66051	Lims Sample ID:	14
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

182 Benzo[a]pyrene, Signal: 1, m/z: 252.0 Type: quant, RT: 14.19

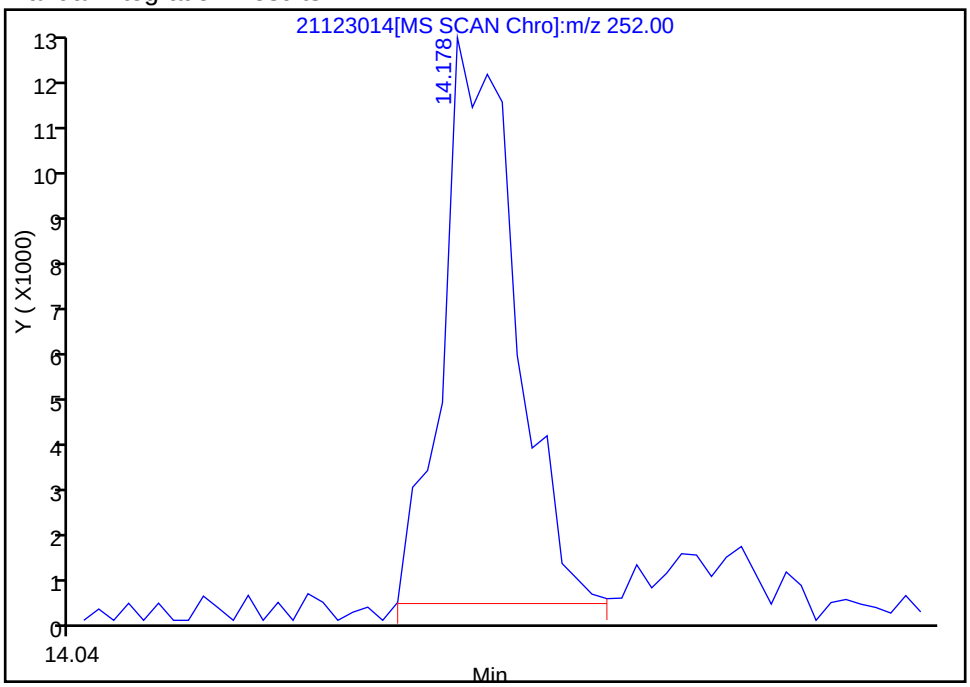
Processing Integration Results

Not Detected
Expected RT: 14.19



Manual Integration Results

RT: 14.18
Response: 21638
Amount: 0.209679



Reviewer: gruberj, 26-Nov-2012 10:35:36
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

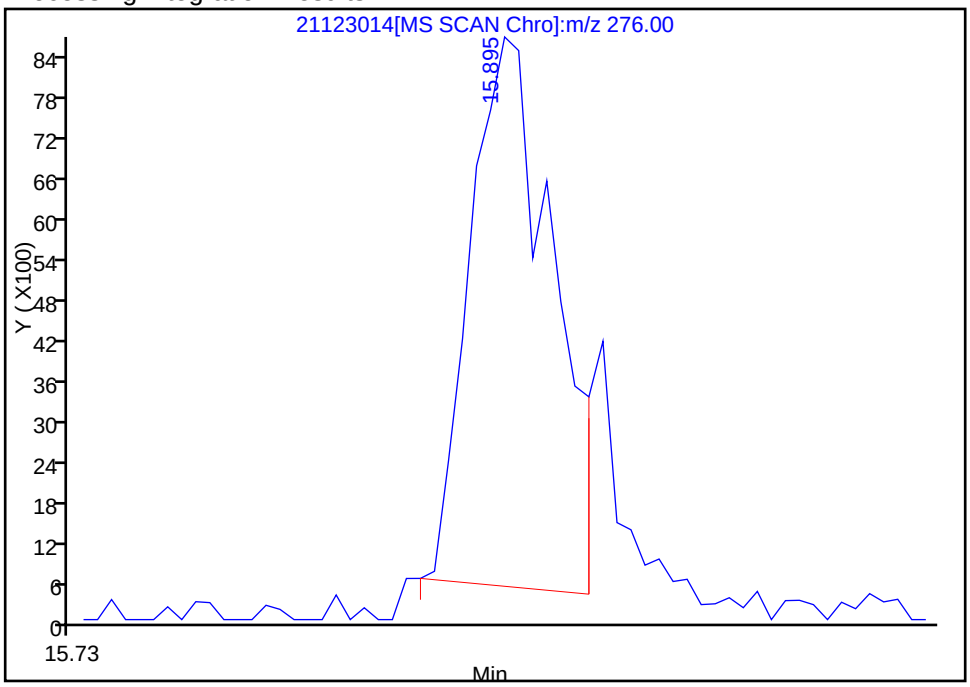
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123014.D		
Injection Date:	23-Nov-2012 14:58:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	66051	Lims Sample ID:	14
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

186 Indeno[1,2,3-cd]pyrene, Signal: 1, m/z: 276.0 Type: quant, RT: 15.91

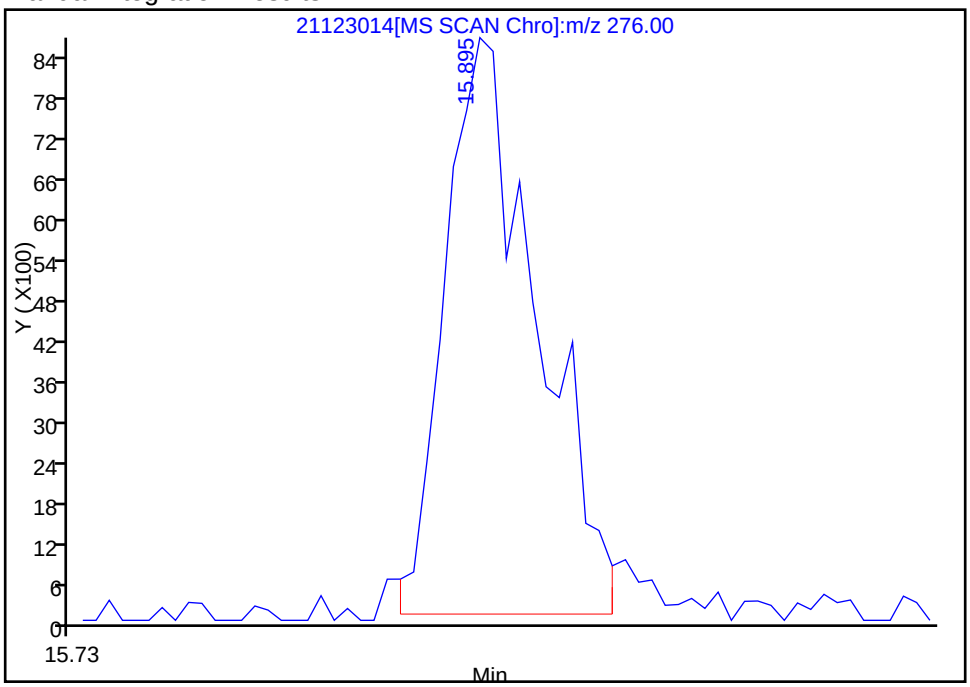
Processing Integration Results

RT: 15.90
Response: 18041
Amount: 0.154468



Manual Integration Results

RT: 15.90
Response: 22073
Amount: 0.170872



Reviewer: gruberj, 26-Nov-2012 10:35:36
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

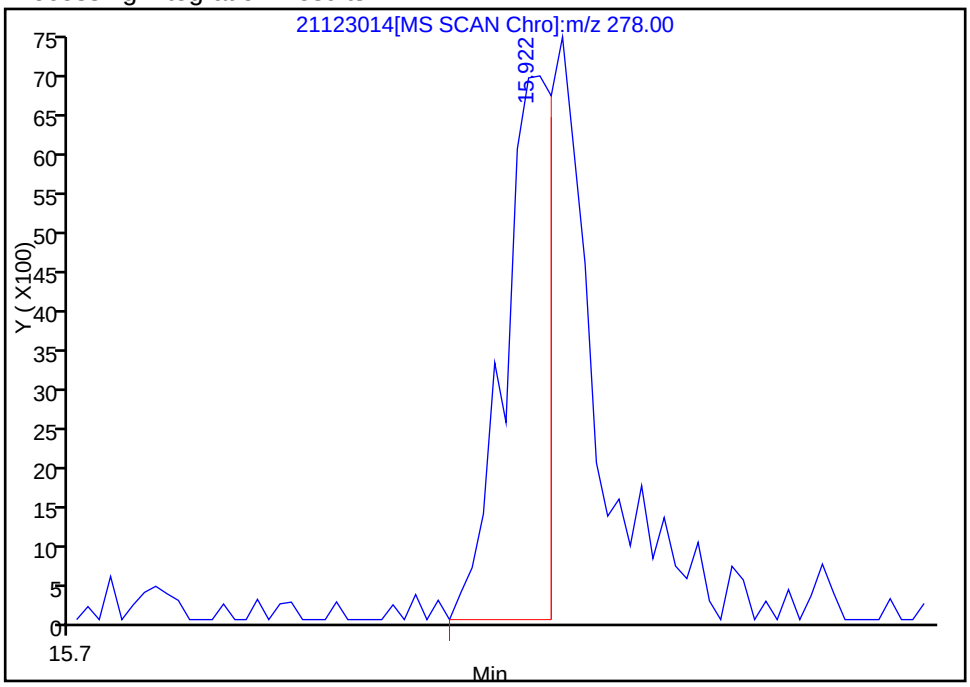
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123014.D		
Injection Date:	23-Nov-2012 14:58:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	66051	Lims Sample ID:	14
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

187 Dibenz(a,h)anthracene, Signal: 1, m/z: 278.0 Type: quant, RT: 15.93

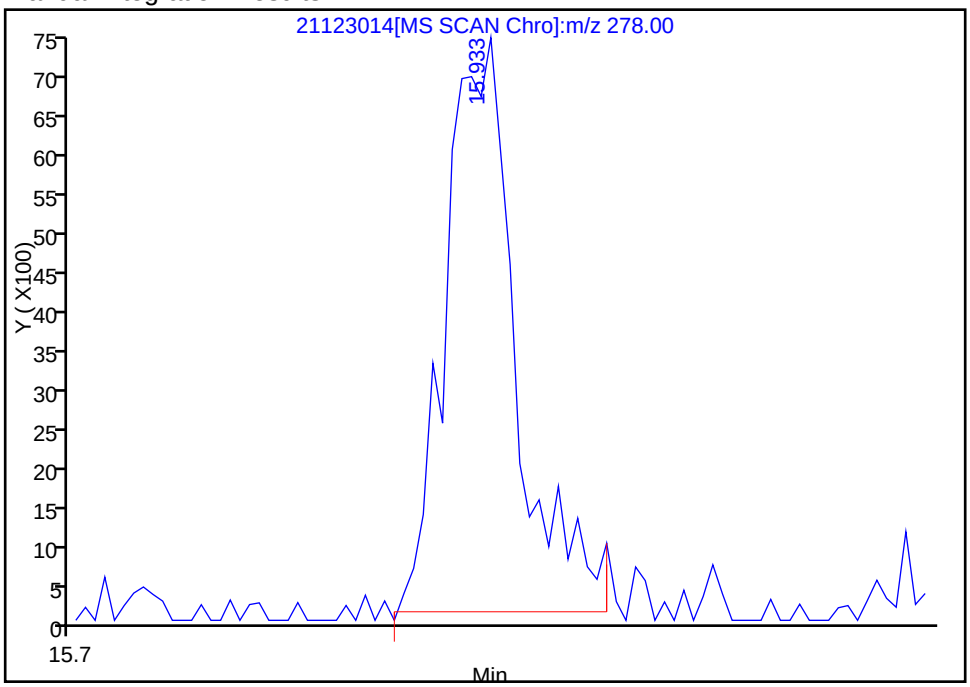
Processing Integration Results

RT: 15.92
Response: 11127
Amount: 0.220463



Manual Integration Results

RT: 15.93
Response: 19863
Amount: 0.261167



Reviewer: gruberj, 26-Nov-2012 10:35:36
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: mdll2 Calibration Date: 11/23/2012 15:21

Instrument ID: A4HP7 Calib Start Date: 11/07/2012 11:44

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 11/07/2012 14:51

Lab File ID: 21123015.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.4642			0.436	0.500		
N-Nitrosodimethylamine	Qua				0.769	0.500		
Pyridine	Ave	1.330			0.286	0.500		
Benzaldehyde	Ave	1.043			0.534	0.500		
Phenol	Ave	1.674			0.494	0.500		
Aniline	Ave	2.093			0.497	0.500		
Bis(2-chloroethyl)ether	Ave	1.293			0.504	0.500		
2-Chlorophenol	Ave	1.352			0.495	0.500		
1,3-Dichlorobenzene	Ave	1.457			0.481	0.500		
1,4-Dichlorobenzene	Ave	1.448			0.500	0.500		
Benzyl alcohol	Ave	0.8332			0.507	0.500		
1,2-Dichlorobenzene	Ave	1.380			0.545	0.500		
2-Methylphenol	Ave	1.220			0.510	0.500		
3 & 4 Methylphenol	Ave	1.279			0.486	0.500		
N-Nitrosodi-n-propylamine	Ave	0.9059			0.540	0.500		
Acetophenone	Ave	1.808			0.494	0.500		
Hexachloroethane	Ave	0.5884			0.501	0.500		
Nitrobenzene	Ave	0.3635			0.502	0.500		
Isophorone	Ave	0.6380			0.517	0.500		
2-Nitrophenol	Ave	0.1710			0.469	0.500		
2,4-Dimethylphenol	Ave	0.3362			0.526	0.500		
Benzoic acid	Qua				1.91	1.00		
Bis(2-chloroethoxy)methane	Ave	0.4052			0.498	0.500		
2,4-Dichlorophenol	Ave	0.2657			0.483	0.500		
1,2,4-Trichlorobenzene	Ave	0.3169			0.534	0.500		
Naphthalene	Ave	0.999			0.507	0.500		
Hexachlorobutadiene	Ave	0.1716			0.545	0.500		
Caprolactam	Qua				0.835	0.500		
4-Chloro-3-methylphenol	Ave	0.2854			0.475	0.500		
2-Methylnaphthalene	Ave	0.6393			0.525	0.500		
Hexachlorocyclopentadiene	Ave	0.3241			0.208	0.500		
2,4,6-Trichlorophenol	Ave	0.3372			0.482	0.500		
2,4,5-Trichlorophenol	Ave	0.3632			0.511	0.500		
1,1'-Biphenyl	Ave	1.413			0.519	0.500		
2-Chloronaphthalene	Ave	1.105			0.497	0.500		
2-Nitroaniline	Ave	0.3242			0.518	0.500		
Dimethyl phthalate	Ave	1.175			0.528	0.500		
2,6-Dinitrotoluene	Qua				0.844	0.500		
Acenaphthylene	Ave	1.825			0.495	0.500		
3-Nitroaniline	Ave	0.2941			0.457	0.500		
Acenaphthene	Ave	1.097			0.484	0.500		

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: mdll2 Calibration Date: 11/23/2012 15:21

Instrument ID: A4HP7 Calib Start Date: 11/07/2012 11:44

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 11/07/2012 14:51

Lab File ID: 21123015.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,4-Dinitrophenol	Qua				2.48	1.00		
4-Nitrophenol	Ave	0.1694			0.384	0.500		
2,4-Dinitrotoluene	Qua				0.779	0.500		
Dibenzofuran	Ave	1.629			0.515	0.500		
Diethyl phthalate	Ave	1.228			0.539	0.500		
4-Chlorophenyl phenyl ether	Ave	0.6187			0.517	0.500		
4-Nitroaniline	Qua				0.657	0.500		
Fluorene	Ave	1.308			0.480	0.500		
4,6-Dinitro-2-methylphenol	Qua				0.834	0.500		
N-Nitrosodiphenylamine	Ave	0.5517			0.494	0.500		
1,2-Diphenylhydrazine(as Azobenzene)	Ave	0.7785			0.478	0.500		
4-Bromophenyl phenyl ether	Ave	0.2040			0.534	0.500		
Hexachlorobenzene	Ave	0.2101			0.564	0.500		
Atrazine	Ave	0.1501			0.560	0.500		
Pentachlorophenol	Qua				1.12	1.00		
Phenanthrene	Ave	1.093			0.495	0.500		
Anthracene	Ave	1.086			0.508	0.500		
Carbazole	Ave	1.055			0.482	0.500		
Di-n-butyl phthalate	Ave	1.185			0.505	0.500		
Fluoranthene	Ave	1.207			0.495	0.500		
Benzidine	Qua				0.684	0.500		
Pyrene	Ave	1.276			0.473	0.500		
Butyl benzyl phthalate	Qua				0.611	0.500		
3,3'-Dichlorobenzidine	Qua				0.647	0.500		
Bis(2-ethylhexyl) phthalate	Qua				0.628	0.500		
Benzo[a]anthracene	Ave	1.116			0.494	0.500		
Chrysene	Ave	1.064			0.490	0.500		
Di-n-octyl phthalate	Qua				0.750	0.500		
Benzo[b]fluoranthene	Ave	1.276			0.473	0.500		
Benzo[k]fluoranthene	Ave	1.387			0.494	0.500		
Benzo[a]pyrene	Qua				0.572	0.500		
Indeno[1,2,3-cd]pyrene	Qua				0.512	0.500		
Dibenz(a,h)anthracene	Qua				0.557	0.500		
Benzo[g,h,i]perylene	Ave	1.145			0.449	0.500		
2-Fluorophenol (Surr)	Ave	1.236			0.446	0.500	89	35-105
Phenol-d5 (Surr)	Ave	1.570			0.497	0.500	99	40-100
Nitrobenzene-d5 (Surr)	Ave	0.3517			0.515	0.500	103*	35-100
2-Fluorobiphenyl (Surr)	Ave	1.298			0.499	0.500	100	45-105
2,4,6-Tribromophenol (Surr)	Ave	0.1655			0.539	0.500	108	35-125
Terphenyl-d14 (Surr)	Ave	0.7408			0.479	0.500	96	30-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123015.D		
Lims ID:	mdll2	Client ID:	
Inject. Date:	23-Nov-2012 15:21:30	Dil. Factor:	1.0000
Sample Type:	LODV		
Sample ID:	240-0015199-015		
Misc. Info.:	mdll2		
Operator:	001710	Instrument ID:	A4HP7
Injection Vol:	1.0 ul	ALS Bottle#:	15
Lims Batch ID:	66051	Lims Sample ID:	15
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP7\20121123-15199.b\8270_hp7.m		
Last Update:	26-Nov-2012 14:12:55	Calib Date:	14-Nov-2012 18:19:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP7\20121114-14953.b\21114010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK022		
First Level Reviewer: gruberj		Date:	26-Nov-2012 10:38:07

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.851	5.856	-0.005	96	213354	4.00	
* 2 Naphthalene-d8	136	6.974	6.979	-0.005	99	808794	4.00	
* 3 Acenaphthene-d10	164	8.466	8.471	-0.005	93	463415	4.00	
* 4 Phenanthrene-d10	188	9.723	9.728	-0.005	98	800249	4.00	
* 5 Chrysene-d12	240	12.232	12.242	-0.010	96	835381	4.00	
* 6 Perylene-d12	264	14.269	14.275	-0.006	91	718632	4.00	
$ 7 2-Fluorophenol	112	4.588	4.583	0.005	73	29388	0.4456	
$ 8 Phenol-d5	99	5.498	5.503	-0.005	89	41580	0.4966	
$ 9 Nitrobenzene-d5	82	6.343	6.348	-0.005	87	36588	0.5145	
$ 10 2-Fluorobiphenyl (Surr)	172	7.883	7.888	-0.005	98	75057	0.4992	
$ 11 2,4,6-Tribromophenol	330	9.129	9.135	-0.006	80	10331	0.5389	
$ 12 Terphenyl-d14	244	11.066	11.071	-0.005	96	74121	0.4791	
241 Tricresyl phosphate TIC	1		0.000					
243 3-(1,1-Dimethylethyl Phenol) TIC	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
19 Bis(4-hydroxyphenyl)methane	1		0.000					
240 3-isopropylphenol TIC	1		0.000					
234 2-Isopropylphenol TIC	1		0.000					
238 Trimethyl phosphate TIC	1		0.000					
13 Bis(2-hydroxyphenyl)methane	1		0.000					
239 2,3,7,8 TCDF TIC	1		0.000					
14 4-Methylcatechol	1		0.000					
242 Triphenyl Phosphate TIC	1		0.000					
15 Catechol	1		0.000					
17 4-Chlorophenol	1		0.000					
237 Tris(2,3-dibromopropyl)phosphate	1		0.000					
235 2,3,7,8-TCDD TIC	1		0.000					
23 Octachlorocyclopentene	1		0.000					
236 4-isopropylphenol TIC	1		0.000					
21 Octachlorostyrene	1		0.000					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
22 3-Methylcatechol	1		0.000					
20 2,5-Dichlorophenol	1		0.000					
24 1,4-Dioxane	88	2.294	2.294	0.0	59	10802	0.4363	M
25 N-Nitrosodimethylamine	74	2.754	2.738	0.016	76	17727	0.7688	
26 Pyridine	79	2.807	2.786	0.021	89	20294	0.2860	
232 1-Methyl-2-pyrrilidinone	99	3.337	3.271	0.066	0	61	0	
27 Ethyl methacrylate	69	3.487	3.486	0.001	87	26685	0.4526	
18 Dimethylformamide	73		3.545					9
28 3-Chloropropionitrile	54	3.904	3.898	0.006	82	16288	0.4140	
30 2-Picoline	93		3.964					
31 N-Nitrosomethylethylamine	88		4.103					
32 Malononitrile	66	4.289	4.267	0.022	81	16842	0.2269	
33 Acrylamide	71	4.412	4.401	0.011	1	189	0	
34 Methyl methanesulfonate	80		4.451					
29 3-Picoline	93		4.510					
233 n,n'-Dimethylacetamide	44		4.536					14
35 N-Nitrosodiethylamine	102		4.868					
36 Ethyl methanesulfonate	79		5.162					9
37 2-Methylcyclohexanone	68	5.369	5.376	-0.007	1	358	0	
38 3-Methylcyclohexanone	69	5.407	5.414	-0.007	1	279	0	
40 Benzaldehyde	77	5.455	5.455	0.0	92	29711	0.5341	
39 4-Methylcyclohexanone	55	5.455	5.462	-0.007	1	523	0	
41 Phenol	94	5.508	5.514	-0.006	95	44062	0.4936	
42 Phenylmercaptan	110		5.524					
43 Aniline	93	5.551	5.551	0.0	89	55446	0.4966	
44 Bis(2-chloroethyl)ether	93	5.605	5.605	0.001	90	34761	0.5041	
45 Pentachloroethane	167		5.633					
46 2-Chlorophenol	128	5.658	5.658	0.0	94	35721	0.4953	
47 1,3-Dichlorobenzene	146	5.803	5.802	0.001	89	37405	0.4812	
48 1,4-Dichlorobenzene	146	5.867	5.872	-0.005	69	38647	0.5005	
49 Benzyl alcohol	108	5.968	5.968	0.0	93	22516	0.5066	
50 1,2-Dichlorobenzene	146	6.006	6.011	-0.005	92	40093	0.5445	
51 2-Methylphenol	108	6.059	6.059	0.0	90	33210	0.5104	
52 2,2'-oxybis[1-chloropropane]	45	6.086	6.091	-0.005	89	54576	0.5393	
53 Indene	115		6.107					9
191 3 & 4 Methylphenol	108	6.193	6.193	0.0	96	33161	0.4861	
56 N-Nitrosodi-n-propylamine	70	6.198	6.204	-0.006	86	26115	0.5405	
57 Acetophenone	105	6.204	6.209	-0.005	88	47650	0.4941	
55 N-Nitrosopyrrolidine	100		6.216					
58 N-Nitrosomorpholine	56		6.248					
59 2-Toluidine	106		6.269					
60 Hexachloroethane	117	6.311	6.311	0.0	84	15722	0.5009	
61 Nitrobenzene	77	6.359	6.364	-0.005	83	36873	0.5017	
62 N-Nitrosopiperidine	114		6.521					
63 Isophorone	82	6.562	6.567	-0.005	99	66660	0.5167	
65 2-Nitrophenol	139	6.637	6.642	-0.005	93	16219	0.4690	
66 1,3,5-Trichlorobenzene	180	6.648	6.653	-0.005	95	34623	0.5399	
64 2,4-Dimethylphenol	107	6.658	6.658	0.0	91	35792	0.5265	
69 Benzoic acid	122	6.685	6.728	-0.043	81	22367	1.91	
67 o,o',o''-Triethylphosphorothioat	198		6.740					
68 Bis(2-chloroethoxy)methane	93	6.744	6.744	0.0	97	40776	0.4977	
71 2,4-Dichlorophenol	162	6.846	6.845	0.001	87	25930	0.4826	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
70 alpha,alpha-Dimethyl phenethylam	58		6.863					
72 1,2,4-Trichlorobenzene	180	6.920	6.926	-0.006	89	34209	0.5339	
73 Naphthalene	128	6.990	6.995	-0.005	95	102405	0.5067	
74 4-Chloroaniline	127	7.027	7.033	-0.006	78	41977	0.4873	
75 2,6-Dichlorophenol	162		7.066					
77 Hexachlorobutadiene	225	7.092	7.091	0.001	86	18928	0.5454	
76 Hexachloropropene	213		7.093					
78 1,2,3-Trichlorobenzene	180	7.113	7.118	-0.005	86	30599	0	
79 Benzothiazole	135		7.235					9
80 Quinoline	129		7.300					
83 Caprolactam	113	7.306	7.316	-0.010	79	9073	0.8352	
81 N-Nitrosodi-n-butylamine	84		7.328					
82 p-Phenylene diamine	108		7.355					9
84 4-Chloro-3-methylphenol	107	7.423	7.428	-0.005	88	27428	0.4753	
93 Safrole, Total	162		7.521					
85 2-Methylnaphthalene	142	7.584	7.584	0.0	88	67829	0.5247	
86 1-Methylnaphthalene	142	7.669	7.669	0.0	93	63377	0.5152	
88 Hexachlorocyclopentadiene	237	7.712	7.712	0.0	44	7793	0.2075	
87 1,2,3,5-Tetrachlorobenzene	216	7.712	7.712	0.0	94	34470	0.5473	
89 1,2,4,5-Tetrachlorobenzene	216		7.751					
225 Isosafrole Peak 1	162		7.767					
90 2,4,6-Trichlorophenol	196	7.814	7.814	0.0	92	18826	0.4820	
91 2,4,5-Trichlorophenol	196	7.846	7.846	0.0	92	21485	0.5106	
94 2,4-Toluene diamine	121	7.958	7.958	0.0	93	23718	0.5761	
227 Isosafrole Peak 2	162		7.960					
96 1,2,3,4 -Tetrachlorobenzene	216	7.963	7.969	-0.006	89	31444	0	
95 1,1'-Biphenyl	154	7.974	7.974	0.0	92	84904	0.5187	
98 2-Chloronaphthalene	162	7.996	8.001	-0.005	93	63604	0.4970	
97 3,4-Dichloronitrobenzene	109		8.022					9
100 2-Nitroaniline	65	8.070	8.076	-0.006	66	19442	0.5176	
99 Phenyl ether	170		8.081					
101 1,4-Naphthoquinone	158		8.168					
102 1,4-Dinitrobenzene	168		8.211					
103 Dimethyl phthalate	163	8.209	8.215	-0.006	98	71896	0.5282	
105 2,6-Dinitrotoluene	165	8.268	8.273	-0.005	91	14351	0.8441	
104 1,3-Dinitrobenzene	168		8.275					
106 1,2-Dinitrobenzene	168	8.316	8.322	-0.006	83	7501	0.4967	
107 Acenaphthylene	152	8.349	8.354	-0.005	92	104572	0.4947	
108 3-Nitroaniline	138	8.418	8.418	0.0	94	15575	0.4572	
110 Acenaphthene	153	8.493	8.498	-0.005	89	61510	0.4839	
109 2,4-Dinitrophenol	184	8.504	8.509	-0.005	38	4782	2.48	
111 4-Nitrophenol	109	8.541	8.536	0.005	84	7541	0.3843	
112 2,4-Dinitrotoluene	165	8.611	8.616	-0.005	84	18711	0.7786	
113 Pentachlorobenzene	250		8.633					
114 Dibenzofuran	168	8.637	8.643	-0.006	86	97121	0.5148	
115 2,3,5,6-Tetrachlorophenol	232	8.702	8.701	0.001	76	16581	0.4780	
116 1-Naphthylamine	143		8.735					9
117 2,3,4,6-Tetrachlorophenol	232		8.762					
118 2-Naphthylamine	143		8.799					
119 Diethyl phthalate	149	8.798	8.803	-0.005	95	76720	0.5392	
120 Thionazin	97		8.901					
121 4-Chlorophenyl phenyl ether	204	8.915	8.921	-0.006	89	37065	0.5171	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
124 Fluorene	166	8.932	8.931	0.001	94	72729	0.4800	
123 4-Nitroaniline	138	8.932	8.937	-0.005	40	14503	0.6569	
122 N-Nitro-o-toluidine	152		8.954					
126 4,6-Dinitro-2-methylphenol	198	8.953	8.958	-0.005	1	4754	0.8339	
125 Tributyl phosphate	99		8.992					9
130 N-Nitrosodiphenylamine	169	9.012	9.017	-0.005	0	54562	0.4944	
128 Diphenylamine	169	9.012	9.040	-0.028	92	54562	0.4509	
131 Azobenzene	77	9.049	9.054	-0.005	98	74516	0.4785	
129 1,2-Diphenylhydrazine	77	9.049	9.054	-0.005	0	74516	0.4785	
132 Sulfotepp	202	9.119	9.152	-0.033	67	8997	0.7989	
133 1,3,5-Trinitrobenzene	213		9.238					
228 Diallate Peak 1	86		9.275					14
135 Phenacetin	108		9.281					
136 Phorate	121		9.286					9
137 4-Bromophenyl phenyl ether	248	9.333	9.333	0.001	60	21815	0.5345	
230 Diallate Peak 2	86		9.356					
139 Hexachlorobenzene	284	9.392	9.397	-0.005	83	23723	0.5644	
138 Dimethoate	87		9.430					9
140 Atrazine	200	9.445	9.450	-0.005	90	16830	0.5603	
141 Pentachlorophenol	266	9.552	9.557	-0.005	82	21152	1.12	
127 4-Aminobiphenyl	169		9.575					9
143 Pentachloronitrobenzene	237		9.591					9
142 Pronamide	173		9.607					
145 Dinoseb	211		9.719					
144 Disulfoton	88		9.725					9
146 Phenanthrene	178	9.745	9.750	-0.005	92	108231	0.4951	
147 Anthracene	178	9.787	9.792	-0.005	97	110324	0.5079	
148 DFTPP								
149 Carbazole	167	9.910	9.916	-0.006	84	101766	0.4823	
150 Methyl parathion	109		10.045					
151 Di-n-butyl phthalate	149	10.172	10.172	0.0	98	119584	0.5046	
152 Diphenylsulfone	125		10.209					
153 Ethyl Parathion	97		10.366					
154 4-Nitroquinoline-1-oxide	190		10.420					
155 Methapyrilene	58		10.463					
156 Isodrin	66		10.655					
157 Fluoranthene	202	10.750	10.755	-0.005	96	119587	0.4953	
158 Benzidine	184	10.846	10.846	0.0	96	40172	0.6841	
160 Pyrene	202	10.953	10.959	-0.005	97	126137	0.4732	
164 4,4'-DDE	246		11.012					9
226 Aramite Peak 1	185		11.056					
229 Aramite Peak 2	185		11.126					
161 p-Dimethylamino azobenzene	225		11.233					
162 Chlorobenzilate	139		11.265					9
163 4,4'-DDD	235		11.370					9
165 Famphur	218		11.522					
166 Butyl benzyl phthalate	149	11.531	11.536	-0.005	93	52294	0.6110	
167 3,3'-Dimethylbenzidine	212		11.581					
168 4,4'-DDT	235		11.654					
169 2-Acetylaminofluorene	181		11.859					
170 3,3'-Dimethoxybenzidine	244	12.130	12.135	-0.005	85	16837	1.00	
172 4,4'-Methylene bis(2-chloroanili	231	12.167	12.173	-0.006	69	21167	0.6340	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
173 3,3'-Dichlorobenzidine	252	12.167	12.178	-0.011	62	42213	0.6470	
171 Bis(2-ethylhexyl) phthalate	149	12.189	12.194	-0.005	94	66926	0.6276	
175 Benzo[a]anthracene	228	12.221	12.226	-0.005	92	115148	0.4939	
176 Chrysene	228	12.264	12.274	-0.010	84	108775	0.4896	
174 Hexabromobenzene	232		12.290					
177 6-Methylchrysene	242		12.894					
178 Di-n-octyl phthalate	149	13.082	13.082	0.0	95	108449	0.7500	
180 Benzo[b]fluoranthene	252	13.697	13.702	-0.005	92	108529	0.4734	
179 7,12-Dimethylbenz(a)anthracene	256		13.736					
181 Benzo[k]fluoranthene	252	13.735	13.745	-0.010	94	123120	0.4942	
182 Benzo[a]pyrene	252	14.189	14.194	-0.005	72	106342	0.5716	
183 3-Methylcholanthrene	268		14.774					
184 Dibenz[a,j]acridine	279		15.595					
185 Dibenz[a,h]acridine	279		15.670					
186 Indeno[1,2,3-cd]pyrene	276	15.895	15.906	-0.011	96	109986	0.5120	
187 Dibenz(a,h)anthracene	278	15.917	15.933	-0.016	65	86460	0.5567	
188 Benzo[g,h,i]perylene	276	16.329	16.334	-0.005	91	92466	0.4494	
S 189 Methyl Phenols,Total	100				0		0.5104	
S 92 Isosafrole	162		5.138					7
S 134 Diallate	86		6.337					7
S 159 Aramite, Total	185		7.806					7
T 231 2,3,7,8-TCDD	1		0.000					1
T 193 Hydroquinone TIC	110		0.000					1
T 195 Hexamethylphosphoramide TIC	1		0.000					1
T 192 Decane TIC	142	3.059	3.050	0.009	1	237	0	
T 194 Octadecane (TIC)	254	13.366	6.297	7.066	90	36732	0	
T 196 Kepone TIC	1		8.281					1
T 197 Hexachlorophene TIC	1		9.269					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
4 - Failed Signal Ratio Test
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

Review Flags
M - Manually Integrated

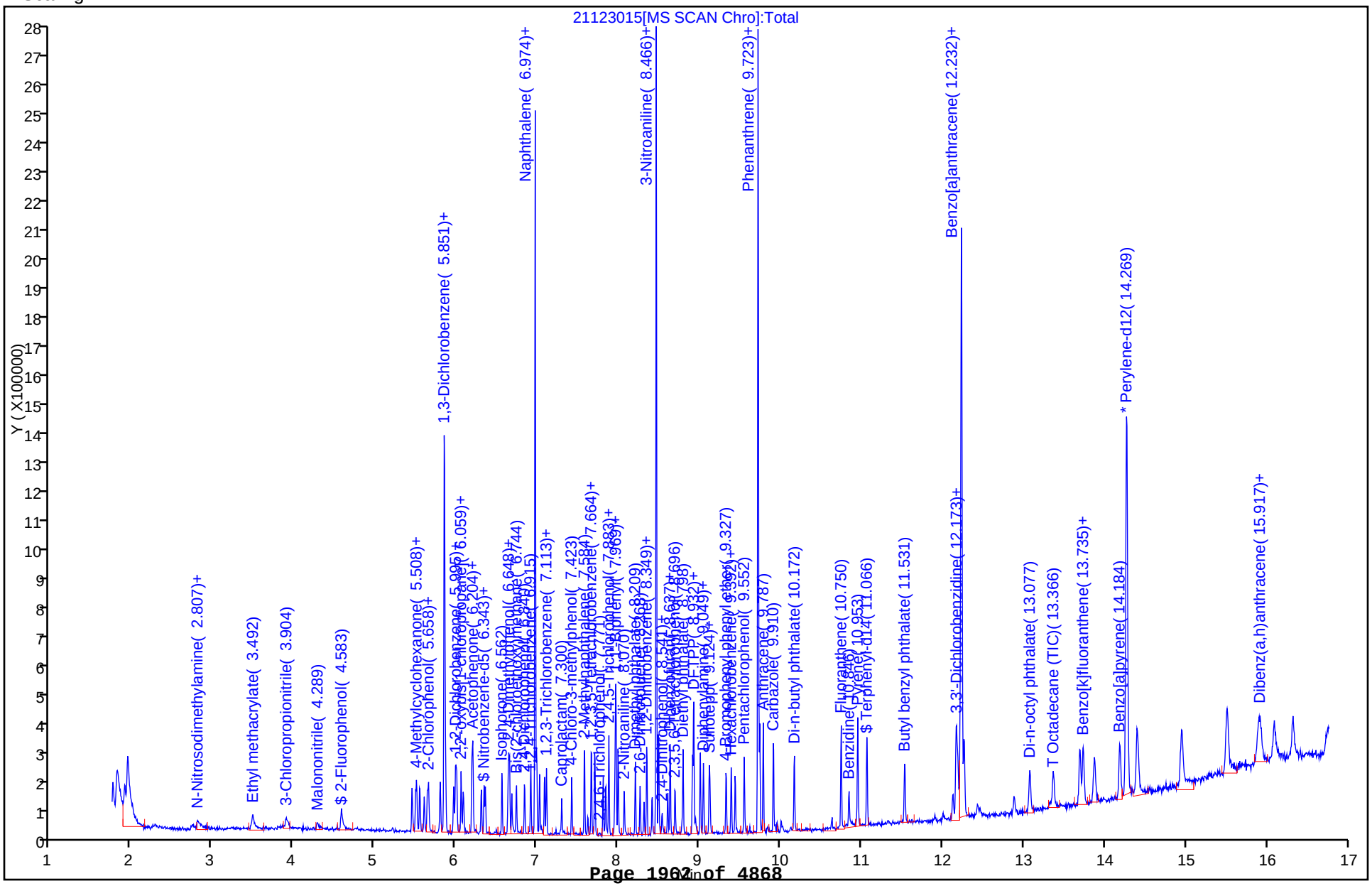
Report Date: 26-Nov-2012 14:41:47 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123015.D

Injection Date:	23-Nov-2012 15:21:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	66051	Lims Sample ID:	15
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



Manual Integration/User Assign Peak Report

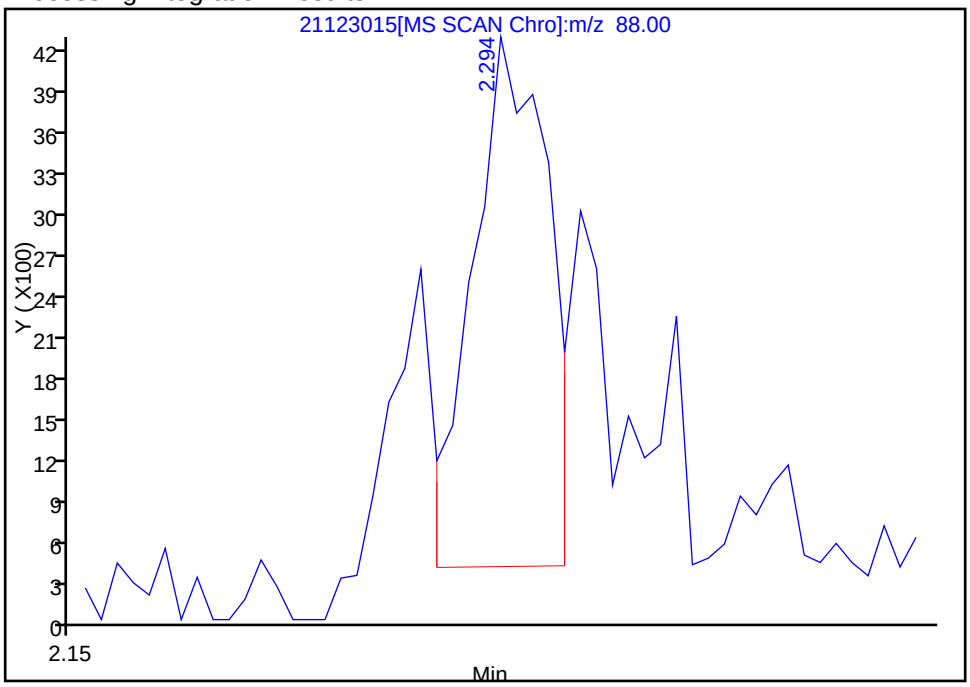
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123015.D		
Injection Date:	23-Nov-2012 15:21:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	66051	Lims Sample ID:	15
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

24 1,4-Dioxane, Signal: 1, m/z: 88.0 Type: quant, RT: 2.29

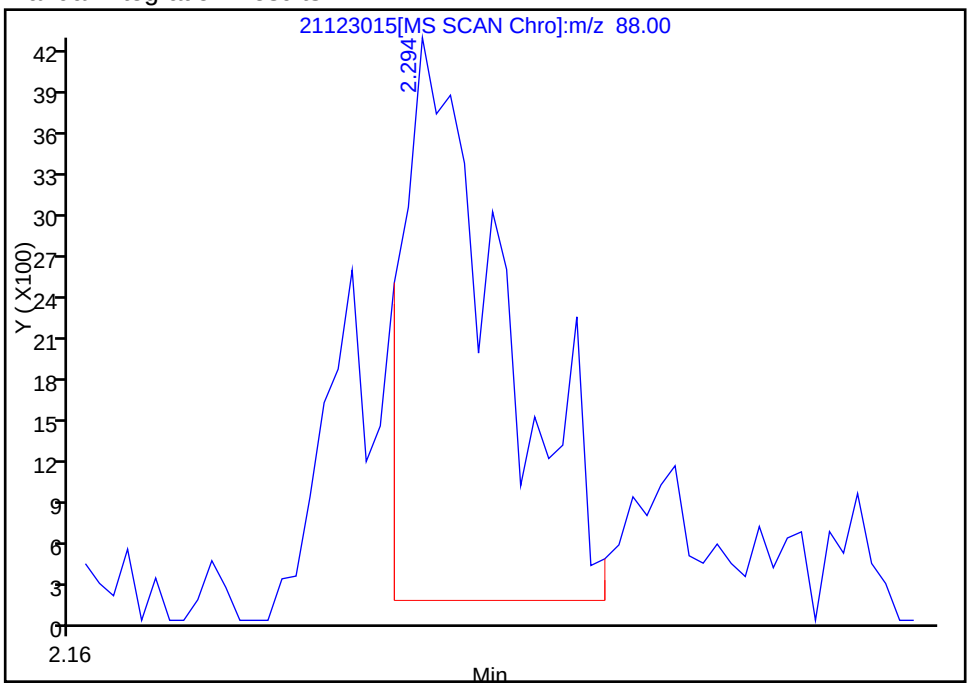
Processing Integration Results

RT: 2.29
Response: 6925
Amount: 0.279689



Manual Integration Results

RT: 2.29
Response: 10802
Amount: 0.436274



Reviewer: gruberj, 26-Nov-2012 10:38:07
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: mdll3 Calibration Date: 11/23/2012 15:45

Instrument ID: A4HP7 Calib Start Date: 11/07/2012 11:44

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 11/07/2012 14:51

Lab File ID: 21123016.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.4642			0.679	1.00		
N-Nitrosodimethylamine	Qua				0.999	1.00		
Pyridine	Ave	1.330			0.951	1.00		
Benzaldehyde	Ave	1.043			1.05	1.00		
Phenol	Ave	1.674			1.00	1.00		
Aniline	Ave	2.093			0.986	1.00		
Bis(2-chloroethyl)ether	Ave	1.293			0.997	1.00		
2-Chlorophenol	Ave	1.352			1.01	1.00		
1,3-Dichlorobenzene	Ave	1.457			0.980	1.00		
1,4-Dichlorobenzene	Ave	1.448			0.945	1.00		
Benzyl alcohol	Ave	0.8332			0.982	1.00		
1,2-Dichlorobenzene	Ave	1.380			1.03	1.00		
2-Methylphenol	Ave	1.220			0.981	1.00		
3 & 4 Methylphenol	Ave	1.279			1.02	1.00		
N-Nitrosodi-n-propylamine	Ave	0.9059			1.09	1.00		
Acetophenone	Ave	1.808			1.03	1.00		
Hexachloroethane	Ave	0.5884			0.990	1.00		
Nitrobenzene	Ave	0.3635			0.956	1.00		
Isophorone	Ave	0.6380			1.03	1.00		
2-Nitrophenol	Ave	0.1710			0.914	1.00		
2,4-Dimethylphenol	Ave	0.3362			0.978	1.00		
Benzoic acid	Qua				2.64	2.00		
Bis(2-chloroethoxy)methane	Ave	0.4052			0.969	1.00		
2,4-Dichlorophenol	Ave	0.2657			1.01	1.00		
1,2,4-Trichlorobenzene	Ave	0.3169			1.01	1.00		
Naphthalene	Ave	0.999			0.987	1.00		
Hexachlorobutadiene	Ave	0.1716			1.01	1.00		
Caprolactam	Qua				1.32	1.00		
4-Chloro-3-methylphenol	Ave	0.2854			1.01	1.00		
2-Methylnaphthalene	Ave	0.6393			0.975	1.00		
Hexachlorocyclopentadiene	Ave	0.3241			0.482	1.00		
2,4,6-Trichlorophenol	Ave	0.3372			1.08	1.00		
2,4,5-Trichlorophenol	Ave	0.3632			1.00	1.00		
1,1'-Biphenyl	Ave	1.413			0.950	1.00		
2-Chloronaphthalene	Ave	1.105			0.967	1.00		
2-Nitroaniline	Ave	0.3242			0.991	1.00		
Dimethyl phthalate	Ave	1.175			0.992	1.00		
2,6-Dinitrotoluene	Qua				1.26	1.00		
Acenaphthylene	Ave	1.825			1.00	1.00		
3-Nitroaniline	Ave	0.2941			0.997	1.00		
Acenaphthene	Ave	1.097			1.01	1.00		

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: mdll3 Calibration Date: 11/23/2012 15:45

Instrument ID: A4HP7 Calib Start Date: 11/07/2012 11:44

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 11/07/2012 14:51

Lab File ID: 21123016.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,4-Dinitrophenol	Qua				2.75	2.00		
4-Nitrophenol	Ave	0.1694			0.963	1.00		
2,4-Dinitrotoluene	Qua				1.24	1.00		
Dibenzofuran	Ave	1.629			0.996	1.00		
Diethyl phthalate	Ave	1.228			1.02	1.00		
4-Chlorophenyl phenyl ether	Ave	0.6187			0.977	1.00		
4-Nitroaniline	Qua				1.16	1.00		
Fluorene	Ave	1.308			1.01	1.00		
4,6-Dinitro-2-methylphenol	Qua				1.05	1.00		
N-Nitrosodiphenylamine	Ave	0.5517			0.983	1.00		
1,2-Diphenylhydrazine(as Azobenzene)	Ave	0.7785			0.979	1.00		
4-Bromophenyl phenyl ether	Ave	0.2040			0.939	1.00		
Hexachlorobenzene	Ave	0.2101			1.00	1.00		
Atrazine	Ave	0.1501			1.05	1.00		
Pentachlorophenol	Qua				1.98	2.00		
Phenanthrene	Ave	1.093			0.951	1.00		
Anthracene	Ave	1.086			0.987	1.00		
Carbazole	Ave	1.055			0.945	1.00		
Di-n-butyl phthalate	Ave	1.185			0.994	1.00		
Fluoranthene	Ave	1.207			0.956	1.00		
Benzidine	Qua				1.06	1.00		
Pyrene	Ave	1.276			0.939	1.00		
Butyl benzyl phthalate	Qua				1.08	1.00		
3,3'-Dichlorobenzidine	Qua				1.10	1.00		
Bis(2-ethylhexyl) phthalate	Qua				1.13	1.00		
Benzo[a]anthracene	Ave	1.116			0.984	1.00		
Chrysene	Ave	1.064			0.975	1.00		
Di-n-octyl phthalate	Qua				1.18	1.00		
Benzo[b]fluoranthene	Ave	1.276			1.03	1.00		
Benzo[k]fluoranthene	Ave	1.387			0.945	1.00		
Benzo[a]pyrene	Qua				1.02	1.00		
Indeno[1,2,3-cd]pyrene	Qua				0.930	1.00		
Dibenz(a,h)anthracene	Qua				0.984	1.00		
Benzo[g,h,i]perylene	Ave	1.145			0.825	1.00		
2-Fluorophenol (Surr)	Ave	1.236			0.961	1.00	96	35-105
Phenol-d5 (Surr)	Ave	1.570			1.01	1.00	101*	40-100
Nitrobenzene-d5 (Surr)	Ave	0.3517			1.06	1.00	106*	35-100
2-Fluorobiphenyl (Surr)	Ave	1.298			1.03	1.00	103	45-105
2,4,6-Tribromophenol (Surr)	Ave	0.1655			0.990	1.00	99	35-125
Terphenyl-d14 (Surr)	Ave	0.7408			0.957	1.00	96	30-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123016.D		
Lims ID:	mdll3	Client ID:	
Inject. Date:	23-Nov-2012 15:45:30	Dil. Factor:	1.0000
Sample Type:	LODV		
Sample ID:	240-0015199-016		
Misc. Info.:	mdll3		
Operator:	001710	Instrument ID:	A4HP7
Injection Vol:	1.0 ul	ALS Bottle#:	16
Lims Batch ID:	66051	Lims Sample ID:	16
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP7\20121123-15199.b\8270_hp7.m		
Last Update:	26-Nov-2012 14:12:55	Calib Date:	14-Nov-2012 18:19:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP7\20121114-14953.b\21114010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK022		
First Level Reviewer: gruberj		Date:	26-Nov-2012 10:40:03

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.856	5.856	0.0	94	233652	4.00	
* 2 Naphthalene-d8	136	6.974	6.979	-0.005	99	918150	4.00	
* 3 Acenaphthene-d10	164	8.466	8.471	-0.005	91	512225	4.00	
* 4 Phenanthrene-d10	188	9.723	9.728	-0.005	98	911198	4.00	
* 5 Chrysene-d12	240	12.231	12.242	-0.011	97	942103	4.00	
* 6 Perylene-d12	264	14.275	14.275	0.0	92	819032	4.00	
$ 7 2-Fluorophenol	112	4.583	4.583	0.0	90	69383	0.9606	
$ 8 Phenol-d5	99	5.498	5.503	-0.005	96	92828	1.01	
$ 9 Nitrobenzene-d5	82	6.343	6.348	-0.005	87	85529	1.06	
$ 10 2-Fluorobiphenyl (Surr)	172	7.883	7.888	-0.005	98	170742	1.03	
$ 11 2,4,6-Tribromophenol	330	9.129	9.135	-0.006	85	20988	0.99	
$ 12 Terphenyl-d14	244	11.065	11.071	-0.006	98	166994	0.9571	
241 Tricresyl phosphate TIC	1		0.000					
243 3-(1,1-Dimethylethyl Phenol) TIC	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
19 Bis(4-hydroxyphenyl)methane	1		0.000					
240 3-isopropylphenol TIC	1		0.000					
234 2-Isopropylphenol TIC	1		0.000					
238 Trimethyl phosphate TIC	1		0.000					
13 Bis(2-hydroxyphenyl)methane	1		0.000					
239 2,3,7,8 TCDF TIC	1		0.000					
14 4-Methylcatechol	1		0.000					
242 Triphenyl Phosphate TIC	1		0.000					
15 Catechol	1		0.000					
17 4-Chlorophenol	1		0.000					
237 Tris(2,3-dibromopropyl)phosphate	1		0.000					
235 2,3,7,8-TCDD TIC	1		0.000					
23 Octachlorocyclopentene	1		0.000					
236 4-isopropylphenol TIC	1		0.000					
21 Octachlorostyrene	1		0.000					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
22 3-Methylcatechol	1		0.000					
20 2,5-Dichlorophenol	1		0.000					
24 1,4-Dioxane	88	2.294	2.294	0.0	86	18420	0.6793	
25 N-Nitrosodimethylamine	74	2.738	2.738	0.0	89	30590	1.00	
26 Pyridine	79	2.802	2.786	0.016	95	73864	0.9506	
232 1-Methyl-2-pyrrilidinone	99	3.203	3.271	-0.068	0	113	0	
27 Ethyl methacrylate	69	3.492	3.486	0.006	83	63116	0.9776	
18 Dimethylformamide	73		3.545					
28 3-Chloropropionitrile	54	3.898	3.898	0.0	83	38927	0.9035	
30 2-Picoline	93		3.964					9
31 N-Nitrosomethylethylamine	88		4.103					9
32 Malononitrile	66	4.273	4.267	0.006	97	69659	0.8570	
33 Acrylamide	71	4.422	4.401	0.021	1	331	0	
34 Methyl methanesulfonate	80		4.451					
29 3-Picoline	93		4.510					
233 n,n'-Dimethylacetamide	44		4.536					1
35 N-Nitrosodiethylamine	102		4.868					
36 Ethyl methanesulfonate	79		5.162					9
37 2-Methylcyclohexanone	68	5.358	5.376	-0.018	1	413	0	
38 3-Methylcyclohexanone	69	5.412	5.414	-0.002	1	325	0	
40 Benzaldehyde	77	5.455	5.455	0.0	90	63730	1.05	
39 4-Methylcyclohexanone	55	5.514	5.462	0.052	16	8247	0	
41 Phenol	94	5.508	5.514	-0.006	99	97815	1.00	
42 Phenylmercaptan	110		5.524					
43 Aniline	93	5.551	5.551	0.0	97	120608	0.9864	
44 Bis(2-chloroethyl)ether	93	5.604	5.605	0.0	93	75311	1.00	
45 Pentachloroethane	167		5.633					
46 2-Chlorophenol	128	5.658	5.658	0.0	94	79866	1.01	
47 1,3-Dichlorobenzene	146	5.802	5.802	0.0	97	83451	0.9802	
48 1,4-Dichlorobenzene	146	5.867	5.872	-0.005	79	79911	0.9449	
49 Benzyl alcohol	108	5.968	5.968	0.0	91	47778	0.9817	
50 1,2-Dichlorobenzene	146	6.006	6.011	-0.005	93	82901	1.03	
51 2-Methylphenol	108	6.059	6.059	0.0	95	69897	0.9808	
52 2,2'-oxybis[1-chloropropane]	45	6.086	6.091	-0.005	91	113895	1.03	
53 Indene	115		6.107					9
191 3 & 4 Methylphenol	108	6.193	6.193	0.0	96	76552	1.02	
56 N-Nitrosodi-n-propylamine	70	6.198	6.204	-0.006	92	57469	1.09	
57 Acetophenone	105	6.209	6.209	0.0	96	109186	1.03	
55 N-Nitrosopyrrolidine	100		6.216					
58 N-Nitrosomorpholine	56		6.248					9
59 2-Toluidine	106		6.269					
60 Hexachloroethane	117	6.311	6.311	-0.001	97	34033	0.99	
61 Nitrobenzene	77	6.359	6.364	-0.005	84	79777	0.9562	
62 N-Nitrosopiperidine	114		6.521					
63 Isophorone	82	6.562	6.567	-0.005	99	150933	1.03	
65 2-Nitrophenol	139	6.637	6.642	-0.005	92	35888	0.9141	
66 1,3,5-Trichlorobenzene	180	6.647	6.653	-0.006	93	74330	1.02	
64 2,4-Dimethylphenol	107	6.658	6.658	0.0	81	75507	0.9783	
69 Benzoic acid	122	6.690	6.728	-0.038	83	65303	2.64	
67 o,o',o''-Triethylphosphorothioat	198		6.740					
68 Bis(2-chloroethoxy)methane	93	6.744	6.744	0.0	99	90141	0.9691	
71 2,4-Dichlorophenol	162	6.840	6.845	-0.005	95	61619	1.01	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
70 alpha,alpha-Dimethyl phenethylam	58		6.863					
72 1,2,4-Trichlorobenzene	180	6.920	6.926	-0.006	89	73285	1.01	
73 Naphthalene	128	6.995	6.995	0.0	96	226543	0.9875	
74 4-Chloroaniline	127	7.027	7.033	-0.006	82	91751	0.9382	
75 2,6-Dichlorophenol	162		7.066					9
77 Hexachlorobutadiene	225	7.091	7.091	0.0	87	39787	1.01	
76 Hexachloropropene	213		7.093					
78 1,2,3-Trichlorobenzene	180	7.113	7.118	-0.005	87	63914	0	
79 Benzothiazole	135		7.235					9
80 Quinoline	129		7.300					
83 Caprolactam	113	7.300	7.316	-0.016	73	23185	1.32	
81 N-Nitrosodi-n-butylamine	84		7.328					
82 p-Phenylene diamine	108		7.355					9
84 4-Chloro-3-methylphenol	107	7.423	7.428	-0.005	88	66377	1.01	
93 Safrole, Total	162		7.521					
85 2-Methylnaphthalene	142	7.583	7.584	-0.001	90	143005	0.9745	
86 1-Methylnaphthalene	142	7.669	7.669	0.0	82	138141	0.9893	
88 Hexachlorocyclopentadiene	237	7.712	7.712	0.0	55	20001	0.4819	
87 1,2,3,5-Tetrachlorobenzene	216	7.712	7.712	0.0	95	73540	1.06	
89 1,2,4,5-Tetrachlorobenzene	216		7.751					
225 Isosafrole Peak 1	162		7.767					
90 2,4,6-Trichlorophenol	196	7.813	7.814	-0.001	89	46605	1.08	
91 2,4,5-Trichlorophenol	196	7.846	7.846	0.0	90	46679	1.00	
94 2,4-Toluene diamine	121	7.953	7.958	-0.005	94	50463	1.08	
227 Isosafrole Peak 2	162		7.960					
96 1,2,3,4 -Tetrachlorobenzene	216	7.963	7.969	-0.006	93	67407	0	
95 1,1'-Biphenyl	154	7.974	7.974	0.0	95	171945	0.9504	
98 2-Chloronaphthalene	162	7.995	8.001	-0.006	96	136810	0.9672	
97 3,4-Dichloronitrobenzene	109		8.022					9
100 2-Nitroaniline	65	8.070	8.076	-0.006	69	41166	0.99	
99 Phenyl ether	170		8.081					9
101 1,4-Naphthoquinone	158		8.168					
102 1,4-Dinitrobenzene	168		8.211					
103 Dimethyl phthalate	163	8.209	8.215	-0.006	98	149200	0.99	
105 2,6-Dinitrotoluene	165	8.268	8.273	-0.005	93	30838	1.26	
104 1,3-Dinitrobenzene	168		8.275					
106 1,2-Dinitrobenzene	168	8.316	8.322	-0.006	84	17133	1.03	
107 Acenaphthylene	152	8.354	8.354	0.0	90	234689	1.00	
108 3-Nitroaniline	138	8.418	8.418	0.0	92	37552	1.00	
110 Acenaphthene	153	8.498	8.498	0.0	92	142447	1.01	
109 2,4-Dinitrophenol	184	8.503	8.509	-0.006	65	12495	2.75	
111 4-Nitrophenol	109	8.536	8.536	0.0	92	20880	0.9627	
112 2,4-Dinitrotoluene	165	8.610	8.616	-0.006	92	42820	1.24	
113 Pentachlorobenzene	250		8.633					
114 Dibenzofuran	168	8.637	8.643	-0.006	89	207661	1.00	
115 2,3,5,6-Tetrachlorophenol	232	8.696	8.701	-0.005	88	36246	0.9454	
116 1-Naphthylamine	143		8.735					9
117 2,3,4,6-Tetrachlorophenol	232		8.762					
118 2-Naphthylamine	143		8.799					9
119 Diethyl phthalate	149	8.798	8.803	-0.005	96	159856	1.02	
120 Thionazin	97		8.901					9
121 4-Chlorophenyl phenyl ether	204	8.915	8.921	-0.006	92	77442	0.9774	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
124 Fluorene	166	8.931	8.931	0.0	89	168639	1.01	
123 4-Nitroaniline	138	8.926	8.937	-0.011	62	37717	1.16	
122 N-Nitro-o-toluidine	152		8.954					9
126 4,6-Dinitro-2-methylphenol	198	8.953	8.958	-0.005	63	12095	1.05	
125 Tributyl phosphate	99	8.963	8.992	-0.029	57	4477	0.4211	
130 N-Nitrosodiphenylamine	169	9.012	9.017	-0.005	0	123569	0.9833	
128 Diphenylamine	169	9.012	9.040	-0.028	96	123569	0.8968	
131 Azobenzene	77	9.049	9.054	-0.005	98	173661	0.9793	
129 1,2-Diphenylhydrazine	77	9.049	9.054	-0.005	0	173661	0.9793	
132 Sulfotepp	202	9.124	9.152	-0.028	77	16991	1.15	
133 1,3,5-Trinitrobenzene	213		9.238					
228 Diallate Peak 1	86		9.275					
135 Phenacetin	108		9.281					
136 Phorate	121		9.286					
137 4-Bromophenyl phenyl ether	248	9.332	9.333	0.0	64	43628	0.9387	
230 Diallate Peak 2	86		9.356					
139 Hexachlorobenzene	284	9.391	9.397	-0.006	89	47870	1.00	
138 Dimethoate	87		9.430					9
140 Atrazine	200	9.445	9.450	-0.005	93	35967	1.05	
141 Pentachlorophenol	266	9.552	9.557	-0.005	83	51930	1.98	
127 4-Aminobiphenyl	169		9.575					9
143 Pentachloronitrobenzene	237		9.591					9
142 Pronamide	173		9.607					
145 Dinoseb	211		9.719					
144 Disulfoton	88		9.725					9
146 Phenanthrene	178	9.744	9.750	-0.006	93	236641	0.9506	
147 Anthracene	178	9.787	9.792	-0.005	97	244014	0.9866	
148 DFTPP								
149 Carbazole	167	9.915	9.916	-0.001	85	227147	0.9454	
150 Methyl parathion	109		10.045					9
151 Di-n-butyl phthalate	149	10.172	10.172	0.0	100	268210	0.99	
152 Diphenylsulfone	125		10.209					
153 Ethyl Parathion	97		10.366					9
154 4-Nitroquinoline-1-oxide	190		10.420					
155 Methapyrilene	58		10.463					
156 Isodrin	66		10.655					9
157 Fluoranthene	202	10.750	10.755	-0.005	97	262931	0.9564	
158 Benzidine	184	10.846	10.846	0.0	98	105133	1.06	
160 Pyrene	202	10.953	10.959	-0.005	96	282146	0.9386	
164 4,4'-DDE	246		11.012					9
226 Aramite Peak 1	185		11.056					
229 Aramite Peak 2	185		11.126					
161 p-Dimethylamino azobenzene	225		11.233					
162 Chlorobenzilate	139		11.265					
163 4,4'-DDD	235		11.370					
165 Famphur	218		11.522					
166 Butyl benzyl phthalate	149	11.531	11.536	-0.005	96	116238	1.08	
167 3,3'-Dimethylbenzidine	212		11.581					
168 4,4'-DDT	235		11.654					9
169 2-Acetylaminofluorene	181		11.859					
170 3,3'-Dimethoxybenzidine	244	12.130	12.135	-0.005	83	45521	1.40	
172 4,4'-Methylene bis(2-chloroanili	231	12.167	12.173	-0.006	71	45138	1.09	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
173 3,3'-Dichlorobenzidine	252	12.167	12.178	-0.011	69	95730	1.10	
171 Bis(2-ethylhexyl) phthalate	149	12.189	12.194	-0.005	95	163401	1.13	
175 Benzo[a]anthracene	228	12.221	12.226	-0.005	97	258680	0.9839	
176 Chrysene	228	12.269	12.274	-0.005	87	244211	0.9746	
174 Hexabromobenzene	232		12.290					
177 6-Methylchrysene	242		12.894					
178 Di-n-octyl phthalate	149	13.077	13.082	-0.005	98	251341	1.18	
180 Benzo[b]fluoranthene	252	13.697	13.702	-0.005	93	268210	1.03	
179 7,12-Dimethylbenz(a)anthracene	256		13.736					
181 Benzo[k]fluoranthene	252	13.740	13.745	-0.005	94	268318	0.9451	
182 Benzo[a]pyrene	252	14.189	14.194	-0.005	70	238864	1.02	
183 3-Methylcholanthrene	268		14.774					9
184 Dibenz[a,j]acridine	279		15.595					
185 Dibenz[a,h]acridine	279		15.670					
186 Indeno[1,2,3-cd]pyrene	276	15.895	15.906	-0.011	92	247272	0.9300	
187 Dibenz(a,h)anthracene	278	15.922	15.933	-0.011	81	207256	0.9844	
188 Benzo[g,h,i]perylene	276	16.323	16.334	-0.011	92	193421	0.8249	
S 189 Methyl Phenols,Total	100				0		0.9808	
S 92 Isosafrole	162		5.138					7
S 134 Diallate	86		6.337					7
S 159 Aramite, Total	185		7.806					7
T 231 2,3,7,8-TCDD	1		0.000					1
T 193 Hydroquinone TIC	110	7.284	0.0	7.284	86	16773	0	
T 195 Hexamethylphosphoramide TIC	1		0.000					1
T 192 Decane TIC	142	3.069	3.050	0.019	1	93	0	
T 194 Octadecane (TIC)	254	16.099	6.297	9.799	93	36255	0	
T 196 Kepone TIC	1		8.281					1
T 197 Hexachlorophene TIC	1		9.269					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

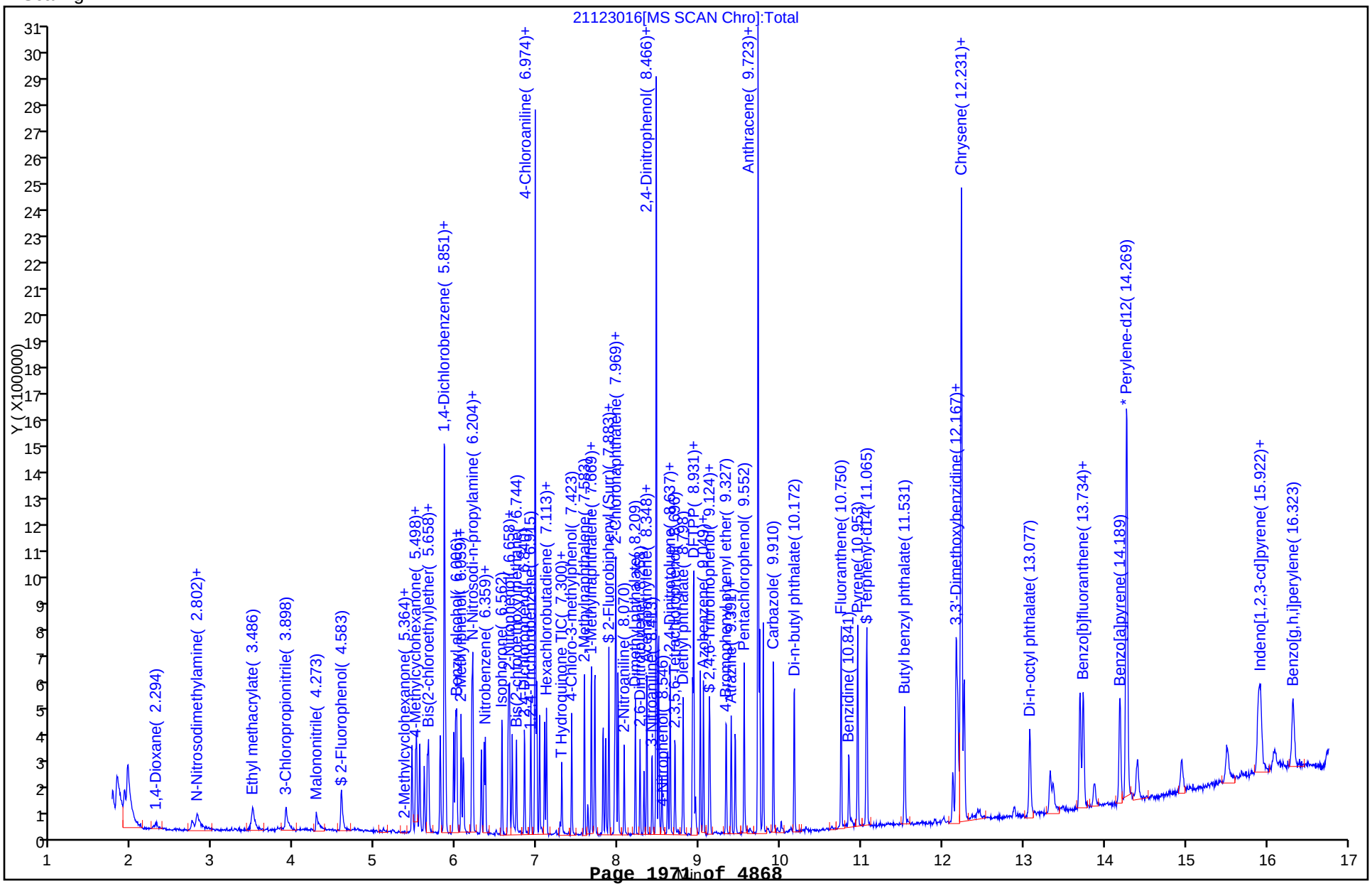
Report Date: 26-Nov-2012 14:41:48 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123016.D

Injection Date:	23-Nov-2012 15:45:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	66051	Lims Sample ID:	16
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: mdll4 Calibration Date: 11/23/2012 16:08

Instrument ID: A4HP7 Calib Start Date: 11/07/2012 11:44

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 11/07/2012 14:51

Lab File ID: 21123017.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.4642			1.70	2.00		
N-Nitrosodimethylamine	Qua				2.08	2.00		
Pyridine	Ave	1.330			1.81	2.00		
Benzaldehyde	Ave	1.043			2.12	2.00		
Phenol	Ave	1.674			2.01	2.00		
Aniline	Ave	2.093			1.90	2.00		
Bis(2-chloroethyl)ether	Ave	1.293			2.03	2.00		
2-Chlorophenol	Ave	1.352			1.99	2.00		
1,3-Dichlorobenzene	Ave	1.457			1.94	2.00		
1,4-Dichlorobenzene	Ave	1.448			1.97	2.00		
Benzyl alcohol	Ave	0.8332			2.03	2.00		
1,2-Dichlorobenzene	Ave	1.380			2.01	2.00		
2-Methylphenol	Ave	1.220			2.01	2.00		
3 & 4 Methylphenol	Ave	1.279			2.01	2.00		
N-Nitrosodi-n-propylamine	Ave	0.9059			2.08	2.00		
Acetophenone	Ave	1.808			2.01	2.00		
Hexachloroethane	Ave	0.5884			1.99	2.00		
Nitrobenzene	Ave	0.3635			2.08	2.00		
Isophorone	Ave	0.6380			2.10	2.00		
2-Nitrophenol	Ave	0.1710			2.04	2.00		
2,4-Dimethylphenol	Ave	0.3362			2.09	2.00		
Benzoic acid	Qua				3.99	4.00		
Bis(2-chloroethoxy)methane	Ave	0.4052			2.01	2.00		
2,4-Dichlorophenol	Ave	0.2657			2.09	2.00		
1,2,4-Trichlorobenzene	Ave	0.3169			2.01	2.00		
Naphthalene	Ave	0.999			2.03	2.00		
Hexachlorobutadiene	Ave	0.1716			2.10	2.00		
Caprolactam	Qua				2.12	2.00		
4-Chloro-3-methylphenol	Ave	0.2854			2.05	2.00		
2-Methylnaphthalene	Ave	0.6393			2.06	2.00		
Hexachlorocyclopentadiene	Ave	0.3241			1.16	2.00		
2,4,6-Trichlorophenol	Ave	0.3372			2.01	2.00		
2,4,5-Trichlorophenol	Ave	0.3632			2.04	2.00		
1,1'-Biphenyl	Ave	1.413			1.95	2.00		
2-Chloronaphthalene	Ave	1.105			2.01	2.00		
2-Nitroaniline	Ave	0.3242			2.10	2.00		
Dimethyl phthalate	Ave	1.175			2.01	2.00		
2,6-Dinitrotoluene	Qua				2.14	2.00		
Acenaphthylene	Ave	1.825			1.98	2.00		
3-Nitroaniline	Ave	0.2941			2.08	2.00		
Acenaphthene	Ave	1.097			2.04	2.00		

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: mdll4 Calibration Date: 11/23/2012 16:08

Instrument ID: A4HP7 Calib Start Date: 11/07/2012 11:44

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 11/07/2012 14:51

Lab File ID: 21123017.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,4-Dinitrophenol	Qua				3.67	4.00		
4-Nitrophenol	Ave	0.1694			1.73	2.00		
2,4-Dinitrotoluene	Qua				2.19	2.00		
Dibenzofuran	Ave	1.629			1.91	2.00		
Diethyl phthalate	Ave	1.228			1.97	2.00		
4-Chlorophenyl phenyl ether	Ave	0.6187			2.05	2.00		
4-Nitroaniline	Qua				2.18	2.00		
Fluorene	Ave	1.308			2.00	2.00		
4,6-Dinitro-2-methylphenol	Qua				1.81	2.00		
N-Nitrosodiphenylamine	Ave	0.5517			1.97	2.00		
1,2-Diphenylhydrazine(as Azobenzene)	Ave	0.7785			2.02	2.00		
4-Bromophenyl phenyl ether	Ave	0.2040			1.99	2.00		
Hexachlorobenzene	Ave	0.2101			2.07	2.00		
Atrazine	Ave	0.1501			2.17	2.00		
Pentachlorophenol	Qua				3.90	4.00		
Phenanthrene	Ave	1.093			1.94	2.00		
Anthracene	Ave	1.086			1.99	2.00		
Carbazole	Ave	1.055			2.01	2.00		
Di-n-butyl phthalate	Ave	1.185			1.98	2.00		
Fluoranthene	Ave	1.207			2.00	2.00		
Benzidine	Qua				1.99	2.00		
Pyrene	Ave	1.276			1.98	2.00		
Butyl benzyl phthalate	Qua				2.17	2.00		
3,3'-Dichlorobenzidine	Qua				2.11	2.00		
Bis(2-ethylhexyl) phthalate	Qua				2.14	2.00		
Benzo[a]anthracene	Ave	1.116			2.04	2.00		
Chrysene	Ave	1.064			2.03	2.00		
Di-n-octyl phthalate	Qua				2.14	2.00		
Benzo[b]fluoranthene	Ave	1.276			1.92	2.00		
Benzo[k]fluoranthene	Ave	1.387			2.07	2.00		
Benzo[a]pyrene	Qua				2.03	2.00		
Indeno[1,2,3-cd]pyrene	Qua				1.77	2.00		
Dibenz(a,h)anthracene	Qua				1.85	2.00		
Benzo[g,h,i]perylene	Ave	1.145			1.74	2.00		
2-Fluorophenol (Surr)	Ave	1.236			1.92	2.00	96	35-105
Phenol-d5 (Surr)	Ave	1.570			2.04	2.00	102*	40-100
Nitrobenzene-d5 (Surr)	Ave	0.3517			2.10	2.00	105*	35-100
2-Fluorobiphenyl (Surr)	Ave	1.298			1.99	2.00	99	45-105
2,4,6-Tribromophenol (Surr)	Ave	0.1655			2.01	2.00	101	35-125
Terphenyl-d14 (Surr)	Ave	0.7408			1.94	2.00	97	30-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123017.D		
Lims ID:	mdll4	Client ID:	
Inject. Date:	23-Nov-2012 16:08:30	Dil. Factor:	1.0000
Sample Type:	LODV		
Sample ID:	240-0015199-017		
Misc. Info.:	mdll4		
Operator:	001710	Instrument ID:	A4HP7
Injection Vol:	1.0 ul	ALS Bottle#:	17
Lims Batch ID:	66051	Lims Sample ID:	17
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP7\20121123-15199.b\8270_hp7.m		
Last Update:	26-Nov-2012 14:12:55	Calib Date:	14-Nov-2012 18:19:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP7\20121114-14953.b\21114010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK022		
First Level Reviewer: gruberj		Date:	26-Nov-2012 11:22:08

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.851	5.856	-0.005	97	201576	4.00	
* 2 Naphthalene-d8	136	6.974	6.979	-0.005	99	750297	4.00	
* 3 Acenaphthene-d10	164	8.466	8.471	-0.005	90	440865	4.00	
* 4 Phenanthrene-d10	188	9.723	9.728	-0.005	97	757409	4.00	
* 5 Chrysene-d12	240	12.232	12.242	-0.010	96	762816	4.00	
* 6 Perylene-d12	264	14.269	14.275	-0.006	89	671647	4.00	
$ 7 2-Fluorophenol	112	4.588	4.583	0.005	86	119866	1.92	
$ 8 Phenol-d5	99	5.498	5.503	-0.005	89	161225	2.04	
$ 9 Nitrobenzene-d5	82	6.343	6.348	-0.005	89	138661	2.10	
$ 10 2-Fluorobiphenyl (Surr)	172	7.883	7.888	-0.005	99	284262	1.99	
$ 11 2,4,6-Tribromophenol	330	9.129	9.135	-0.006	83	36728	2.01	
$ 12 Terphenyl-d14	244	11.066	11.071	-0.005	98	274164	1.94	
241 Tricresyl phosphate TIC	1		0.000					
243 3-(1,1-Dimethylethyl Phenol) TIC	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
19 Bis(4-hydroxyphenyl)methane	1		0.000					
240 3-isopropylphenol TIC	1		0.000					
234 2-Isopropylphenol TIC	1		0.000					
238 Trimethyl phosphate TIC	1		0.000					
13 Bis(2-hydroxyphenyl)methane	1		0.000					
239 2,3,7,8 TCDF TIC	1		0.000					
14 4-Methylcatechol	1		0.000					
242 Triphenyl Phosphate TIC	1		0.000					
15 Catechol	1		0.000					
17 4-Chlorophenol	1		0.000					
237 Tris(2,3-dibromopropyl)phosphate	1		0.000					
235 2,3,7,8-TCDD TIC	1		0.000					
23 Octachlorocyclopentene	1		0.000					
236 4-isopropylphenol TIC	1		0.000					
21 Octachlorostyrene	1		0.000					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
22 3-Methylcatechol	1		0.000					
20 2,5-Dichlorophenol	1		0.000					
24 1,4-Dioxane	88	2.288	2.294	-0.006	81	39864	1.70	
25 N-Nitrosodimethylamine	74	2.738	2.738	0.0	84	71652	2.08	
26 Pyridine	79	2.802	2.786	0.016	92	121130	1.81	
232 1-Methyl-2-pyrrilidinone	99		3.271					14
27 Ethyl methacrylate	69	3.487	3.486	0.0	86	110368	1.98	
18 Dimethylformamide	73		3.545					
28 3-Chloropropionitrile	54	3.898	3.898	0.0	87	70247	1.89	
30 2-Picoline	93		3.964					9
31 N-Nitrosomethylethylamine	88		4.103					9
32 Malononitrile	66	4.273	4.267	0.006	97	121528	1.73	
33 Acrylamide	71	4.358	4.401	-0.043	20	74	0	
34 Methyl methanesulfonate	80		4.451					
29 3-Picoline	93		4.510					9
233 n,n'-Dimethylacetamide	44	4.471	4.536	-0.065	0	1547	0	
35 N-Nitrosodiethylamine	102		4.868					
36 Ethyl methanesulfonate	79		5.162					9
37 2-Methylcyclohexanone	68	5.412	5.376	0.036	1	109	0	
38 3-Methylcyclohexanone	69	5.407	5.414	-0.007	1	219	0	
40 Benzaldehyde	77	5.455	5.455	0.0	92	111620	2.12	
39 4-Methylcyclohexanone	55	5.460	5.462	-0.002	1	2313	0	
41 Phenol	94	5.508	5.514	-0.006	99	169854	2.01	
42 Phenylmercaptan	110		5.524					
43 Aniline	93	5.551	5.551	0.0	96	200167	1.90	
44 Bis(2-chloroethyl)ether	93	5.605	5.605	0.001	95	132042	2.03	
45 Pentachloroethane	167		5.633					
46 2-Chlorophenol	128	5.658	5.658	0.0	97	135534	1.99	
47 1,3-Dichlorobenzene	146	5.802	5.802	0.0	96	142146	1.94	
48 1,4-Dichlorobenzene	146	5.867	5.872	-0.005	90	143781	1.97	
49 Benzyl alcohol	108	5.968	5.968	0.0	93	85286	2.03	
50 1,2-Dichlorobenzene	146	6.006	6.011	-0.005	93	139944	2.01	
51 2-Methylphenol	108	6.059	6.059	0.0	96	123337	2.01	
52 2,2'-oxybis[1-chloropropane]	45	6.086	6.091	-0.005	91	196956	2.06	
53 Indene	115		6.107					9
191 3 & 4 Methylphenol	108	6.193	6.193	0.0	96	129510	2.01	
56 N-Nitrosodi-n-propylamine	70	6.198	6.204	-0.006	89	95114	2.08	
57 Acetophenone	105	6.204	6.209	-0.005	91	183131	2.01	
55 N-Nitrosopyrrolidine	100		6.216					
58 N-Nitrosomorpholine	56		6.248					9
59 2-Toluidine	106		6.269					
60 Hexachloroethane	117	6.311	6.311	0.0	91	58978	1.99	
61 Nitrobenzene	77	6.359	6.364	-0.005	87	141987	2.08	
62 N-Nitrosopiperidine	114		6.521					
63 Isophorone	82	6.562	6.567	-0.005	97	251495	2.10	
65 2-Nitrophenol	139	6.637	6.642	-0.005	97	65427	2.04	
66 1,3,5-Trichlorobenzene	180	6.648	6.653	-0.005	93	126696	2.13	
64 2,4-Dimethylphenol	107	6.658	6.658	0.0	94	132016	2.09	
69 Benzoic acid	122	6.696	6.728	-0.032	85	113799	3.99	
67 o,o',o''-Triethylphosphorothioat	198		6.740					
68 Bis(2-chloroethoxy)methane	93	6.744	6.744	0.0	98	153082	2.01	
71 2,4-Dichlorophenol	162	6.840	6.845	-0.005	96	104153	2.09	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
70 alpha,alpha-Dimethyl phenethylam	58		6.863					
72 1,2,4-Trichlorobenzene	180	6.920	6.926	-0.006	94	119733	2.01	
73 Naphthalene	128	6.990	6.995	-0.005	83	379642	2.03	
74 4-Chloroaniline	127	7.027	7.033	-0.006	94	159095	1.99	
75 2,6-Dichlorophenol	162		7.066					9
77 Hexachlorobutadiene	225	7.091	7.091	0.0	91	67701	2.10	
76 Hexachloropropene	213		7.093					9
78 1,2,3-Trichlorobenzene	180	7.113	7.118	-0.005	91	115701	0	
79 Benzothiazole	135		7.235					
80 Quinoline	129		7.300					
83 Caprolactam	113	7.305	7.316	-0.011	71	36074	2.12	
81 N-Nitrosodi-n-butylamine	84		7.328					
82 p-Phenylene diamine	108		7.355					9
84 4-Chloro-3-methylphenol	107	7.423	7.428	-0.005	94	109494	2.05	
93 Safrole, Total	162		7.521					
85 2-Methylnaphthalene	142	7.584	7.584	0.0	89	247064	2.06	
86 1-Methylnaphthalene	142	7.669	7.669	0.0	84	242308	2.12	
88 Hexachlorocyclopentadiene	237	7.712	7.712	0.0	64	41354	1.16	
87 1,2,3,5-Tetrachlorobenzene	216	7.712	7.712	0.0	96	121826	2.03	
89 1,2,4,5-Tetrachlorobenzene	216		7.751					
225 Isosafrole Peak 1	162		7.767					149
90 2,4,6-Trichlorophenol	196	7.814	7.814	0.0	90	74759	2.01	
91 2,4,5-Trichlorophenol	196	7.846	7.846	0.0	95	81744	2.04	
94 2,4-Toluene diamine	121	7.953	7.958	-0.005	99	87228	2.28	
227 Isosafrole Peak 2	162		7.960					
96 1,2,3,4 -Tetrachlorobenzene	216	7.963	7.969	-0.006	90	118487	0	
95 1,1'-Biphenyl	154	7.974	7.974	0.0	93	303343	1.95	
98 2-Chloronaphthalene	162	7.995	8.001	-0.006	95	244171	2.01	
97 3,4-Dichloronitrobenzene	109		8.022					9
100 2-Nitroaniline	65	8.070	8.076	-0.006	80	74887	2.10	
99 Phenyl ether	170		8.081					9
101 1,4-Naphthoquinone	158		8.168					
102 1,4-Dinitrobenzene	168		8.211					
103 Dimethyl phthalate	163	8.209	8.215	-0.006	98	259751	2.01	
105 2,6-Dinitrotoluene	165	8.268	8.273	-0.005	91	53831	2.14	
104 1,3-Dinitrobenzene	168		8.275					
106 1,2-Dinitrobenzene	168	8.316	8.322	-0.006	88	31040	2.16	
107 Acenaphthylene	152	8.354	8.354	0.0	93	397601	1.98	
108 3-Nitroaniline	138	8.418	8.418	0.0	96	67367	2.08	
110 Acenaphthene	153	8.498	8.498	0.0	93	247295	2.04	
109 2,4-Dinitrophenol	184	8.504	8.509	-0.005	67	32262	3.67	
111 4-Nitrophenol	109	8.536	8.536	0.0	90	32258	1.73	
112 2,4-Dinitrotoluene	165	8.611	8.616	-0.006	89	75677	2.19	
113 Pentachlorobenzene	250		8.633					
114 Dibenzofuran	168	8.637	8.643	-0.006	88	342956	1.91	
115 2,3,5,6-Tetrachlorophenol	232	8.701	8.701	0.0	88	64459	1.95	
116 1-Naphthylamine	143		8.735					9
117 2,3,4,6-Tetrachlorophenol	232		8.762					
118 2-Naphthylamine	143		8.799					9
119 Diethyl phthalate	149	8.798	8.803	-0.005	97	266542	1.97	
120 Thionazin	97		8.901					9
121 4-Chlorophenyl phenyl ether	204	8.915	8.921	-0.006	91	139662	2.05	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
124 Fluorene	166	8.931	8.931	0.0	82	288107	2.00	
123 4-Nitroaniline	138	8.931	8.937	-0.006	57	69688	2.18	
122 N-Nitro-o-toluidine	152		8.954					
126 4,6-Dinitro-2-methylphenol	198	8.953	8.958	-0.005	83	30197	1.81	
125 Tributyl phosphate	99		8.992					9
130 N-Nitrosodiphenylamine	169	9.012	9.017	-0.005	0	205820	1.97	
128 Diphenylamine	169	9.012	9.040	-0.028	95	205820	1.80	
131 Azobenzene	77	9.049	9.054	-0.005	98	297575	2.02	
129 1,2-Diphenylhydrazine	77	9.049	9.054	-0.005	0	297427	2.02	
132 Sulfotepp	202	9.124	9.152	-0.028	79	33265	2.33	
133 1,3,5-Trinitrobenzene	213		9.238					
228 Diallate Peak 1	86		9.275					
135 Phenacetin	108		9.281					9
136 Phorate	121		9.286					
137 4-Bromophenyl phenyl ether	248	9.333	9.333	0.001	62	76804	1.99	
230 Diallate Peak 2	86		9.356					
139 Hexachlorobenzene	284	9.391	9.397	-0.006	86	82467	2.07	
138 Dimethoate	87		9.430					9
140 Atrazine	200	9.445	9.450	-0.005	90	61606	2.17	
141 Pentachlorophenol	266	9.552	9.557	-0.005	87	95099	3.90	
127 4-Aminobiphenyl	169		9.575					9
143 Pentachloronitrobenzene	237		9.591					9
142 Pronamide	173		9.607					
145 Dinoseb	211		9.719					
144 Disulfoton	88		9.725					9
146 Phenanthrene	178	9.744	9.750	-0.006	95	400988	1.94	
147 Anthracene	178	9.787	9.792	-0.005	97	409482	1.99	
148 DFTPP								
149 Carbazole	167	9.916	9.916	0.0	85	400809	2.01	
150 Methyl parathion	109		10.045					9
151 Di-n-butyl phthalate	149	10.172	10.172	0.0	99	444071	1.98	
152 Diphenylsulfone	125		10.209					
153 Ethyl Parathion	97		10.366					9
154 4-Nitroquinoline-1-oxide	190		10.420					
155 Methapyrilene	58		10.463					
156 Isodrin	66		10.655					
157 Fluoranthene	202	10.750	10.755	-0.005	97	456554	2.00	
158 Benzidine	184	10.846	10.846	0.0	99	206691	1.99	
160 Pyrene	202	10.953	10.959	-0.005	98	482396	1.98	
164 4,4'-DDE	246		11.012					9
226 Aramite Peak 1	185		11.056					
229 Aramite Peak 2	185		11.126					
161 p-Dimethylamino azobenzene	225		11.233					
162 Chlorobenzilate	139		11.265					9
163 4,4'-DDD	235		11.370					
165 Famphur	218		11.522					
166 Butyl benzyl phthalate	149	11.531	11.536	-0.005	97	201300	2.17	
167 3,3'-Dimethylbenzidine	212		11.581					
168 4,4'-DDT	235		11.654					9
169 2-Acetylaminofluorene	181		11.859					
170 3,3'-Dimethoxybenzidine	244	12.130	12.135	-0.005	87	88250	2.34	
172 4,4'-Methylene bis(2-chloroanili	231	12.167	12.173	-0.006	69	77167	2.15	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
173 3,3'-Dichlorobenzidine	252	12.167	12.178	-0.011	68	164640	2.11	
171 Bis(2-ethylhexyl) phthalate	149	12.189	12.194	-0.005	96	274482	2.14	
175 Benzo[a]anthracene	228	12.221	12.226	-0.005	92	433460	2.04	
176 Chrysene	228	12.269	12.274	-0.005	92	410984	2.03	
174 Hexabromobenzene	232		12.290					
177 6-Methylchrysene	242		12.894					
178 Di-n-octyl phthalate	149	13.077	13.082	-0.005	98	439364	2.14	
180 Benzo[b]fluoranthene	252	13.697	13.702	-0.005	94	411945	1.92	
179 7,12-Dimethylbenz(a)anthracene	256		13.736					
181 Benzo[k]fluoranthene	252	13.735	13.745	-0.011	97	482733	2.07	
182 Benzo[a]pyrene	252	14.189	14.194	-0.005	68	416999	2.03	
183 3-Methylcholanthrene	268		14.774					9
184 Dibenz[a,j]acridine	279		15.595					9
185 Dibenz[a,h]acridine	279		15.670					
186 Indeno[1,2,3-cd]pyrene	276	15.895	15.906	-0.011	97	403859	1.77	
187 Dibenz(a,h)anthracene	278	15.922	15.933	-0.011	74	350019	1.85	
188 Benzo[g,h,i]perylene	276	16.323	16.334	-0.011	93	333833	1.74	
S 189 Methyl Phenols,Total	100				0		2.01	
S 92 Isosafrole	162		5.138					7
S 134 Diallate	86		6.337					7
S 159 Aramite, Total	185		7.806					7
T 231 2,3,7,8-TCDD	1		0.000					1
T 193 Hydroquinone TIC	110	7.279	0.0	7.279	87	32893	0	
T 195 Hexamethylphosphoramide TIC	1		0.000					1
T 192 Decane TIC	142	3.027	3.050	-0.023	1	191	0	
T 194 Octadecane (TIC)	254	15.516	6.297	9.216	91	50983	0	
T 196 Kepone TIC	1		8.281					1
T 197 Hexachlorophene TIC	1		9.269					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
4 - Failed Signal Ratio Test
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

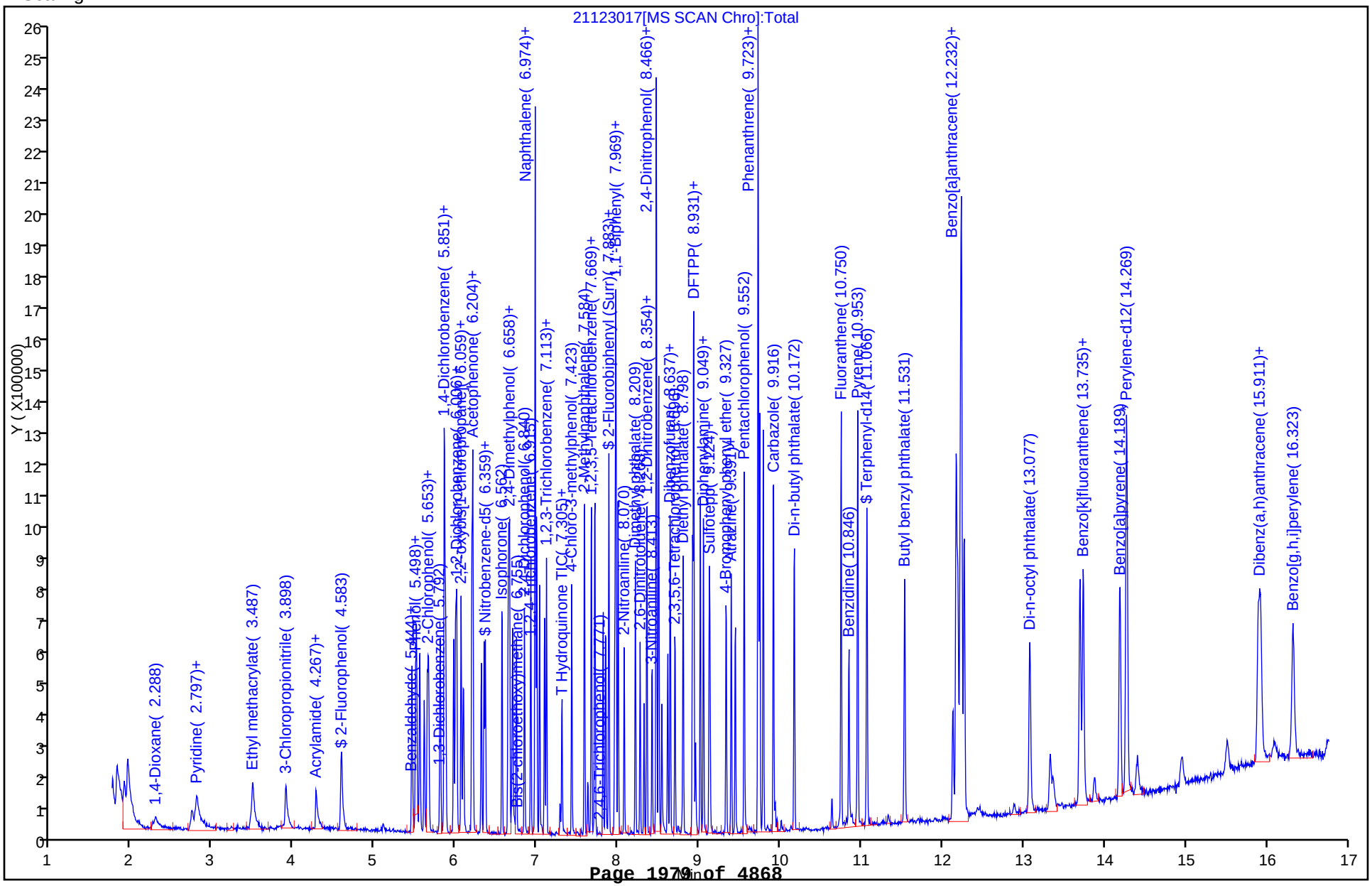
Report Date: 26-Nov-2012 14:41:49 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123017.D

Injection Date:	23-Nov-2012 16:08:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	66051	Lims Sample ID:	17
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: ICV 240-66620/12 Calibration Date: 11/28/2012 19:01

Instrument ID: A4HP9 Calib Start Date: 11/22/2012 11:53

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 11/22/2012 14:05

Lab File ID: 21127112.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2,4,5-Tetrachlorobenzene	Ave	0.5590			0.000550	10.0		
2,6-Dichlorophenol	Ave	0.2986			0.0100	10.0		
N-Nitrosopyrrolidine	Ave	0.9013			0.00240	10.0		

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121128-15348.b\21127112.D
Lims ID: icv ind
Client ID:
Inject. Date: 28-Nov-2012 19:01:30
Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0015348-012
Misc. Info.: ICV IND =ICV IND
Operator: 001574
Instrument ID: A4HP9
Injection Vol: 1.0 ul
ALS Bottle#: 12
Lims Batch ID: 66620
Lims Sample ID: 12
Sublist:
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121128-15348.b\8270 _9.m
Last Update: 29-Nov-2012 07:29:30
Calib Date: 28-Nov-2012 18:11:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121128-15348.b\21127110.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: 5% phenyl
Column Dia: 0.18 mm
Process Host: XAWRK030

First Level Reviewer: ulmanm
Date: 29-Nov-2012 07:25:51

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.919	5.917	0.002	85	58493	4.00	
* 2 Naphthalene-d8	136	7.025	7.023	0.002	98	228935	4.00	
* 3 Acenaphthene-d10	164	8.516	8.519	-0.003	77	141025	4.00	
* 4 Phenanthrene-d10	188	9.776	9.779	-0.003	80	236459	4.00	
* 5 Chrysene-d12	240	12.325	12.328	-0.003	77	229600	4.00	
* 6 Perylene-d12	264	14.397	14.400	-0.003	94	188638	4.00	
25 1,4-Dioxane	88	2.559	2.562	-0.003	84	154400	11.3	
26 N-Nitrosodimethylamine	74	3.019	3.022	-0.003	75	206609	11.0	
56 N-Nitrosopyrrolidine	100		3.992					
77 2,6-Dichlorophenol	162		4.729					
91 1,2,4,5-Tetrachlorobenzene	216		5.327					
41 Benzaldehyde	77	5.524	5.522	0.002	81	47990	1.87	
43 Phenol	94	5.567	5.570	-0.003	94	376588	10.6	
44 Aniline	93	5.615	5.618	-0.003	94	402149	8.99	
69 Bis(2-chloroethyl)ether	93	5.668	5.671	-0.003	93	299575	10.7	
46 2-Chlorophenol	128	5.722	5.725	-0.003	91	213510	10.3	
47 1,3-Dichlorobenzene	146	5.866	5.869	-0.003	80	232603	10.4	
48 1,4-Dichlorobenzene	146	5.930	5.933	-0.003	83	240095	10.7	
49 Benzyl alcohol	108	6.026	6.024	0.002	85	171521	10.8	
50 1,2-Dichlorobenzene	146	6.069	6.067	0.002	80	221347	10.5	
51 2-Methylphenol	108	6.112	6.109	0.003	95	227187	9.98	
53 2,2'-oxybis[1-chloropropane]	45	6.144	6.147	-0.003	97	259405	10.6	
119 2,3,4,6-Tetrachlorophenol	232		6.203					
21 3 & 4 Methylphenol	108	6.240	6.243	-0.003	90	245795	9.99	
57 N-Nitrosodi-n-propylamine	70	6.256	6.259	-0.003	68	252288	11.0	
58 Acetophenone	105	6.261	6.264	-0.003	85	377379	10.4	
61 Hexachloroethane	117	6.368	6.366	0.002	96	110263	10.7	
62 Nitrobenzene	77	6.416	6.414	0.002	77	366253	10.8	
64 Isophorone	82	6.614	6.617	-0.003	95	622666	10.5	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
66 2-Nitrophenol	139	6.689	6.692	-0.003	88	108833	10.3	
65 2,4-Dimethylphenol	107	6.705	6.702	0.003	78	271234	10.2	
71 Benzoic acid	122	6.763	6.772	-0.009	84	260570	21.6	
70 Bis(2-chloroethoxy)methane	93	6.790	6.793	-0.003	98	347415	10.6	
73 2,4-Dichlorophenol	162	6.886	6.889	-0.003	92	178221	11.1	
74 1,2,4-Trichlorobenzene	180	6.972	6.970	0.002	85	207807	10.3	
75 Naphthalene	128	7.041	7.044	-0.003	98	627955	10.9	
76 4-Chloroaniline	127	7.073	7.076	-0.003	80	261107	10.6	
79 Hexachlorobutadiene	225	7.143	7.140	0.003	89	113858	10.5	
84 Caprolactam	113	7.356	7.360	-0.004	83	77323	11.1	
86 4-Chloro-3-methylphenol	107	7.463	7.466	-0.003	78	245905	10.8	
87 2-Methylnaphthalene	142	7.629	7.632	-0.003	84	408092	10.7	
89 Hexachlorocyclopentadiene	237	7.762	7.760	0.002	81	123146	11.8	
92 2,4,6-Trichlorophenol	196	7.859	7.856	0.003	86	129263	10.9	
93 2,4,5-Trichlorophenol	196	7.885	7.888	-0.003	88	139015	10.9	
98 1,1'-Biphenyl	154	8.019	8.022	-0.003	95	516566	10.8	
100 2-Chloronaphthalene	162	8.046	8.043	0.003	97	395053	10.5	
102 2-Nitroaniline	65	8.115	8.118	-0.003	70	177598	11.1	
105 Dimethyl phthalate	163	8.259	8.262	-0.003	94	461702	10.6	
107 2,6-Dinitrotoluene	165	8.318	8.316	0.002	83	105178	11.4	
109 Acenaphthylene	152	8.398	8.401	-0.003	86	611394	10.6	
110 3-Nitroaniline	138	8.462	8.460	0.002	84	103658	10.1	
112 Acenaphthene	153	8.542	8.545	-0.003	93	387931	10.4	
111 2,4-Dinitrophenol	184	8.548	8.551	-0.003	68	105634	18.2	
113 4-Nitrophenol	109	8.574	8.572	0.002	85	82525	10.1	
114 2,4-Dinitrotoluene	165	8.655	8.658	-0.003	74	140263	11.4	
116 Dibenzofuran	168	8.692	8.690	0.002	85	556948	10.6	
121 Diethyl phthalate	149	8.852	8.855	-0.003	95	460031	10.8	
123 4-Chlorophenyl phenyl ether	204	8.970	8.967	0.003	93	241839	10.5	
125 4-Nitroaniline	138	8.975	8.978	-0.003	80	95530	9.09	
126 Fluorene	166	8.980	8.984	-0.004	80	464680	10.4	
128 4,6-Dinitro-2-methylphenol	198	9.002	9.000	0.002	75	77868	9.85	
131 N-Nitrosodiphenylamine	169	9.061	9.064	-0.003	98	328660	10.4	
133 Azobenzene	77	9.103	9.101	0.002	94	780276	11.1	
139 4-Bromophenyl phenyl ether	248	9.386	9.384	0.002	65	124518	10.3	
141 Hexachlorobenzene	284	9.445	9.448	-0.003	76	129022	10.4	
142 Atrazine	200	9.493	9.496	-0.003	79	71407	7.30	
143 Pentachlorophenol	266	9.606	9.603	0.003	82	177016	20.6	
148 Phenanthrene	178	9.798	9.801	-0.003	87	669663	10.1	
149 Anthracene	178	9.841	9.844	-0.003	84	700762	10.8	
151 Carbazole	167	9.963	9.966	-0.003	80	607113	10.5	
154 Di-n-butyl phthalate	149	10.231	10.228	0.003	100	770012	10.8	
159 Fluoranthene	202	10.807	10.811	-0.004	83	778779	10.6	
160 Benzidine	184	10.904	10.901	0.003	62	22172	0.8654	
161 Pyrene	202	11.016	11.019	-0.003	76	778137	9.96	
168 Butyl benzyl phthalate	149	11.614	11.617	-0.003	87	339365	10.7	
175 3,3'-Dichlorobenzidine	252	12.261	12.264	-0.003	66	195399	7.80	
173 Bis(2-ethylhexyl) phthalate	149	12.293	12.290	0.003	94	466212	10.5	
177 Benzo[a]anthracene	228	12.314	12.317	-0.003	88	682000	9.98	
178 Chrysene	228	12.362	12.365	-0.003	86	662537	10.4	
180 Di-n-octyl phthalate	149	13.206	13.204	0.002	99	733715	9.69	
182 Benzo[b]fluoranthene	252	13.820	13.823	-0.003	85	646710	10.5	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
183 Benzo[k]fluoranthene	252	13.858	13.861	-0.003	86	679967	10.4	
184 Benzo[a]pyrene	252	14.317	14.320	-0.003	76	568415	9.78	
188 Indeno[1,2,3-cd]pyrene	276	16.059	16.062	-0.003	79	689598	10.5	
189 Dibenz(a,h)anthracene	278	16.091	16.094	-0.003	53	575343	10.9	
190 Benzo[g,h,i]perylene	276	16.508	16.511	-0.003	90	590063	10.6	

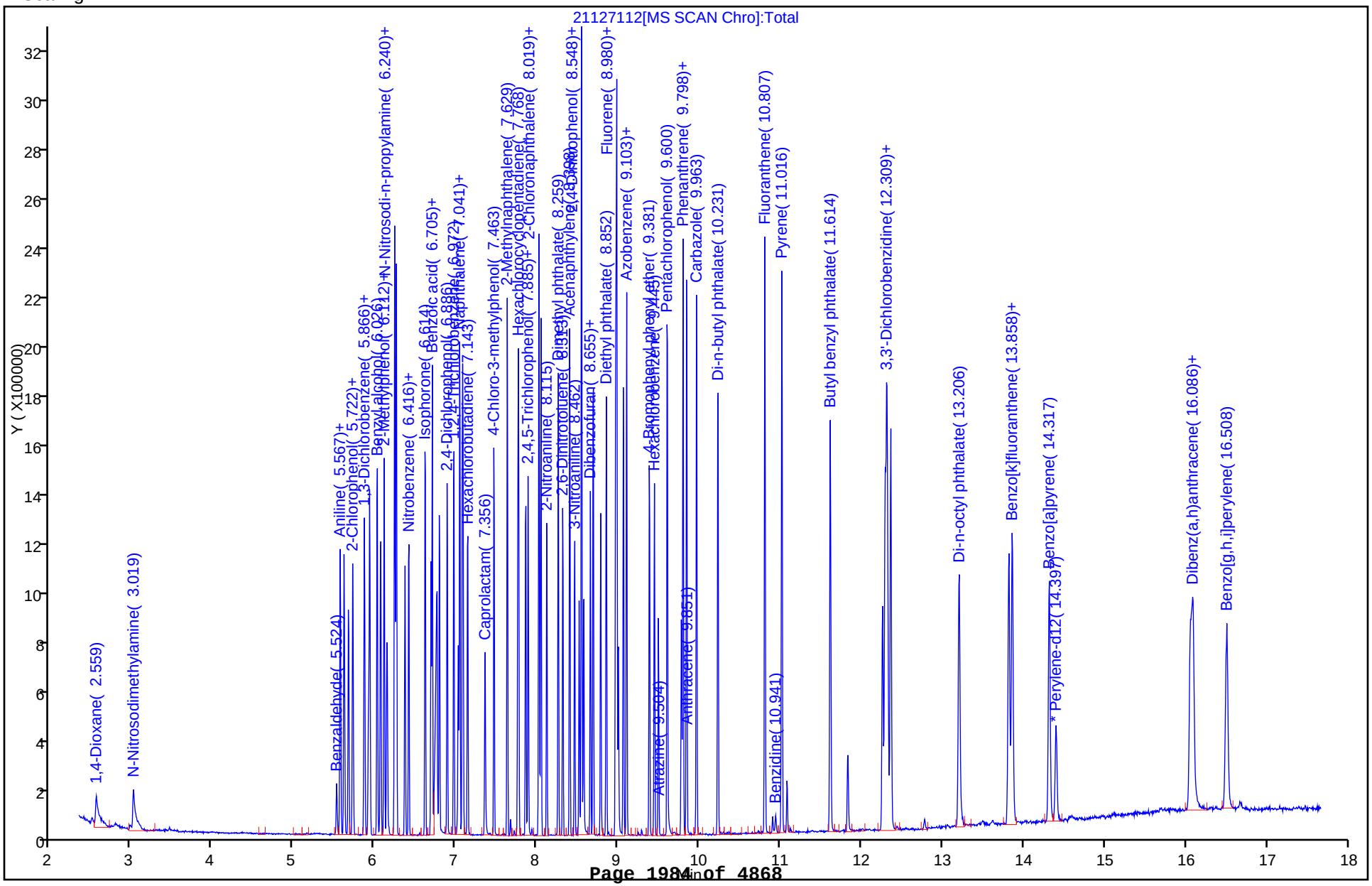
Report Date: 29-Nov-2012 07:29:33 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121128-15348.b\21127112.D

Injection Date:	28-Nov-2012 19:01:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	66620	Lims Sample ID:	12
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: ICV 240-66620/12 Calibration Date: 11/28/2012 19:01

Instrument ID: A4HP9 Calib Start Date: 11/28/2012 14:27

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 11/28/2012 18:11

Lab File ID: 21127112.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.9340	1.056		11.3	10.0	13.0	
N-Nitrosodimethylamine	Ave	1.288	1.413		11.0	10.0	9.7	
Benzaldehyde	Ave	1.752	0.3282		1.87	10.0	-81.3	
Phenol	Ave	2.427	2.575		10.6	10.0	6.1	
Aniline	Ave	3.058	2.750		8.99	10.0	-10.1	
Bis(2-chloroethyl)ether	Ave	1.907	2.049		10.7	10.0	7.4	
2-Chlorophenol	Ave	1.421	1.460		10.3	10.0	2.8	
1,3-Dichlorobenzene	Ave	1.537	1.591		10.4	10.0	3.5	
1,4-Dichlorobenzene	Ave	1.536	1.642		10.7	10.0	6.9	
Benzyl alcohol	Ave	1.088	1.173		10.8	10.0	7.8	
1,2-Dichlorobenzene	Ave	1.435	1.514		10.5	10.0	5.5	
2-Methylphenol	Ave	1.557	1.554		9.98	10.0	-0.2	
3 & 4 Methylphenol	Ave	1.683	1.681		9.99	10.0	-0.1	
N-Nitrosodi-n-propylamine	Ave	1.572	1.725		11.0	10.0	9.8	
Acetophenone	Ave	2.490	2.581		10.4	10.0	3.6	
Hexachloroethane	Ave	0.7041	0.7540		10.7	10.0	7.1	
Nitrobenzene	Ave	0.5932	0.6399		10.8	10.0	7.9	
Isophorone	Ave	1.040	1.088		10.5	10.0	4.6	
2-Nitrophenol	Qua		0.1902		10.3	10.0	3.4	
2,4-Dimethylphenol	Ave	0.4652	0.4739		10.2	10.0	1.9	
Benzoic acid	Qua		0.2276		21.6	20.0	7.9	
Bis(2-chloroethoxy)methane	Ave	0.5728	0.6070		10.6	10.0	6.0	
2,4-Dichlorophenol	Ave	0.2801	0.3114		11.1	10.0	11.2	
1,2,4-Trichlorobenzene	Ave	0.3521	0.3631		10.3	10.0	3.1	
Naphthalene	Ave	1.007	1.097		10.9	10.0	8.9	
Hexachlorobutadiene	Ave	0.1886	0.1989		10.5	10.0	5.5	
Caprolactam	Qua		0.1351		11.1	10.0	11.2	
4-Chloro-3-methylphenol	Ave	0.3983	0.4297		10.8	10.0	7.9	
2-Methylnaphthalene	Ave	0.6679	0.7130		10.7	10.0	6.8	
Hexachlorocyclopentadiene	Ave	0.2969	0.3493		11.8	10.0	17.7	
2,4,6-Trichlorophenol	Ave	0.3363	0.3666		10.9	10.0	9.0	
2,4,5-Trichlorophenol	Ave	0.3624	0.3943		10.9	10.0	8.8	
1,1'-Biphenyl	Ave	1.361	1.465		10.8	10.0	7.6	
2-Chloronaphthalene	Ave	1.067	1.121		10.5	10.0	5.0	
2-Nitroaniline	Ave	0.4519	0.5037		11.1	10.0	11.5	
Dimethyl phthalate	Ave	1.234	1.310		10.6	10.0	6.1	
2,6-Dinitrotoluene	Ave	0.2627	0.2983		11.4	10.0	13.6	
Acenaphthylene	Ave	1.633	1.734		10.6	10.0	6.2	
3-Nitroaniline	Ave	0.2906	0.2940		10.1	10.0	1.2	
Acenaphthene	Ave	1.054	1.100		10.4	10.0	4.4	
2,4-Dinitrophenol	Qua		0.1498		18.2	20.0	-8.8	

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: ICV 240-66620/12 Calibration Date: 11/28/2012 19:01

Instrument ID: A4HP9 Calib Start Date: 11/28/2012 14:27

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 11/28/2012 18:11

Lab File ID: 21127112.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Nitrophenol	Qua		0.2341		10.1	10.0	1.5	
2,4-Dinitrotoluene	Ave	0.3485	0.3978		11.4	10.0	14.2	
Dibenzofuran	Ave	1.493	1.580		10.6	10.0	5.8	
Diethyl phthalate	Ave	1.207	1.305		10.8	10.0	8.1	
4-Chlorophenyl phenyl ether	Ave	0.6505	0.6860		10.5	10.0	5.4	
4-Nitroaniline	Ave	0.2979	0.2710		9.09	10.0	-9.1	
Fluorene	Ave	1.270	1.318		10.4	10.0	3.8	
4,6-Dinitro-2-methylphenol	Qua		0.1317		9.85	10.0	-1.5	
N-Nitrosodiphenylamine	Ave	0.5330	0.5560		10.4	10.0	4.3	
4-Bromophenyl phenyl ether	Ave	0.2038	0.2106		10.3	10.0	3.3	
Hexachlorobenzene	Ave	0.2097	0.2183		10.4	10.0	4.1	
Atrazine	Ave	0.1655	0.1208		7.30	10.0	-27.0	
Pentachlorophenol	Qua		0.1497		20.6	20.0	3.0	
Phenanthrene	Ave	1.122	1.133		10.1	10.0	0.9	
Anthracene	Ave	1.096	1.185		10.8	10.0	8.1	
Carbazole	Ave	0.9777	1.027		10.5	10.0	5.0	
Di-n-butyl phthalate	Ave	1.210	1.303		10.8	10.0	7.6	
Fluoranthene	Ave	1.246	1.317		10.6	10.0	5.7	
Benzidine	Qua		0.0386		0.865	10.0	-91.3	
Pyrene	Ave	1.361	1.356		9.96	10.0	-0.4	
Butyl benzyl phthalate	Ave	0.5523	0.5912		10.7	10.0	7.0	
3,3'-Dichlorobenzidine	Ave	0.4363	0.3404		7.80	10.0	-22.0	
Bis(2-ethylhexyl) phthalate	Ave	0.7708	0.8122		10.5	10.0	5.4	
Benzo[a]anthracene	Ave	1.191	1.188		9.98	10.0	-0.2	
Chrysene	Ave	1.110	1.154		10.4	10.0	4.0	
Di-n-octyl phthalate	Qua		1.556		9.69	10.0	-3.1	
Benzo[b]fluoranthene	Ave	1.309	1.371		10.5	10.0	4.7	
Benzo[k]fluoranthene	Ave	1.387	1.442		10.4	10.0	4.0	
Benzo[a]pyrene	Ave	1.232	1.205		9.78	10.0	-2.2	
Indeno[1,2,3-cd]pyrene	Ave	1.389	1.462		10.5	10.0	5.3	
Dibenz(a,h)anthracene	Ave	1.114	1.220		10.9	10.0	9.5	
Benzo[g,h,i]perylene	Ave	1.178	1.251		10.6	10.0	6.2	

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121128-15348.b\21127112.D
Lims ID: icv ind
Client ID:
Inject. Date: 28-Nov-2012 19:01:30
Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0015348-012
Misc. Info.: ICV IND =ICV IND
Operator: 001574
Instrument ID: A4HP9
Injection Vol: 1.0 ul
ALS Bottle#: 12
Lims Batch ID: 66620
Lims Sample ID: 12
Sublist:
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121128-15348.b\8270 _9.m
Last Update: 29-Nov-2012 07:29:30
Calib Date: 28-Nov-2012 18:11:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121128-15348.b\21127110.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: 5% phenyl
Column Dia: 0.18 mm
Process Host: XAWRK030

First Level Reviewer: ulmanm
Date: 29-Nov-2012 07:25:51

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.919	5.917	0.002	85	58493	4.00	
* 2 Naphthalene-d8	136	7.025	7.023	0.002	98	228935	4.00	
* 3 Acenaphthene-d10	164	8.516	8.519	-0.003	77	141025	4.00	
* 4 Phenanthrene-d10	188	9.776	9.779	-0.003	80	236459	4.00	
* 5 Chrysene-d12	240	12.325	12.328	-0.003	77	229600	4.00	
* 6 Perylene-d12	264	14.397	14.400	-0.003	94	188638	4.00	
25 1,4-Dioxane	88	2.559	2.562	-0.003	84	154400	11.3	
26 N-Nitrosodimethylamine	74	3.019	3.022	-0.003	75	206609	11.0	
56 N-Nitrosopyrrolidine	100		3.992					
77 2,6-Dichlorophenol	162		4.729					
91 1,2,4,5-Tetrachlorobenzene	216		5.327					
41 Benzaldehyde	77	5.524	5.522	0.002	81	47990	1.87	
43 Phenol	94	5.567	5.570	-0.003	94	376588	10.6	
44 Aniline	93	5.615	5.618	-0.003	94	402149	8.99	
69 Bis(2-chloroethyl)ether	93	5.668	5.671	-0.003	93	299575	10.7	
46 2-Chlorophenol	128	5.722	5.725	-0.003	91	213510	10.3	
47 1,3-Dichlorobenzene	146	5.866	5.869	-0.003	80	232603	10.4	
48 1,4-Dichlorobenzene	146	5.930	5.933	-0.003	83	240095	10.7	
49 Benzyl alcohol	108	6.026	6.024	0.002	85	171521	10.8	
50 1,2-Dichlorobenzene	146	6.069	6.067	0.002	80	221347	10.5	
51 2-Methylphenol	108	6.112	6.109	0.003	95	227187	9.98	
53 2,2'-oxybis[1-chloropropane]	45	6.144	6.147	-0.003	97	259405	10.6	
119 2,3,4,6-Tetrachlorophenol	232		6.203					
21 3 & 4 Methylphenol	108	6.240	6.243	-0.003	90	245795	9.99	
57 N-Nitrosodi-n-propylamine	70	6.256	6.259	-0.003	68	252288	11.0	
58 Acetophenone	105	6.261	6.264	-0.003	85	377379	10.4	
61 Hexachloroethane	117	6.368	6.366	0.002	96	110263	10.7	
62 Nitrobenzene	77	6.416	6.414	0.002	77	366253	10.8	
64 Isophorone	82	6.614	6.617	-0.003	95	622666	10.5	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
66 2-Nitrophenol	139	6.689	6.692	-0.003	88	108833	10.3	
65 2,4-Dimethylphenol	107	6.705	6.702	0.003	78	271234	10.2	
71 Benzoic acid	122	6.763	6.772	-0.009	84	260570	21.6	
70 Bis(2-chloroethoxy)methane	93	6.790	6.793	-0.003	98	347415	10.6	
73 2,4-Dichlorophenol	162	6.886	6.889	-0.003	92	178221	11.1	
74 1,2,4-Trichlorobenzene	180	6.972	6.970	0.002	85	207807	10.3	
75 Naphthalene	128	7.041	7.044	-0.003	98	627955	10.9	
76 4-Chloroaniline	127	7.073	7.076	-0.003	80	261107	10.6	
79 Hexachlorobutadiene	225	7.143	7.140	0.003	89	113858	10.5	
84 Caprolactam	113	7.356	7.360	-0.004	83	77323	11.1	
86 4-Chloro-3-methylphenol	107	7.463	7.466	-0.003	78	245905	10.8	
87 2-Methylnaphthalene	142	7.629	7.632	-0.003	84	408092	10.7	
89 Hexachlorocyclopentadiene	237	7.762	7.760	0.002	81	123146	11.8	
92 2,4,6-Trichlorophenol	196	7.859	7.856	0.003	86	129263	10.9	
93 2,4,5-Trichlorophenol	196	7.885	7.888	-0.003	88	139015	10.9	
98 1,1'-Biphenyl	154	8.019	8.022	-0.003	95	516566	10.8	
100 2-Chloronaphthalene	162	8.046	8.043	0.003	97	395053	10.5	
102 2-Nitroaniline	65	8.115	8.118	-0.003	70	177598	11.1	
105 Dimethyl phthalate	163	8.259	8.262	-0.003	94	461702	10.6	
107 2,6-Dinitrotoluene	165	8.318	8.316	0.002	83	105178	11.4	
109 Acenaphthylene	152	8.398	8.401	-0.003	86	611394	10.6	
110 3-Nitroaniline	138	8.462	8.460	0.002	84	103658	10.1	
112 Acenaphthene	153	8.542	8.545	-0.003	93	387931	10.4	
111 2,4-Dinitrophenol	184	8.548	8.551	-0.003	68	105634	18.2	
113 4-Nitrophenol	109	8.574	8.572	0.002	85	82525	10.1	
114 2,4-Dinitrotoluene	165	8.655	8.658	-0.003	74	140263	11.4	
116 Dibenzofuran	168	8.692	8.690	0.002	85	556948	10.6	
121 Diethyl phthalate	149	8.852	8.855	-0.003	95	460031	10.8	
123 4-Chlorophenyl phenyl ether	204	8.970	8.967	0.003	93	241839	10.5	
125 4-Nitroaniline	138	8.975	8.978	-0.003	80	95530	9.09	
126 Fluorene	166	8.980	8.984	-0.004	80	464680	10.4	
128 4,6-Dinitro-2-methylphenol	198	9.002	9.000	0.002	75	77868	9.85	
131 N-Nitrosodiphenylamine	169	9.061	9.064	-0.003	98	328660	10.4	
133 Azobenzene	77	9.103	9.101	0.002	94	780276	11.1	
139 4-Bromophenyl phenyl ether	248	9.386	9.384	0.002	65	124518	10.3	
141 Hexachlorobenzene	284	9.445	9.448	-0.003	76	129022	10.4	
142 Atrazine	200	9.493	9.496	-0.003	79	71407	7.30	
143 Pentachlorophenol	266	9.606	9.603	0.003	82	177016	20.6	
148 Phenanthrene	178	9.798	9.801	-0.003	87	669663	10.1	
149 Anthracene	178	9.841	9.844	-0.003	84	700762	10.8	
151 Carbazole	167	9.963	9.966	-0.003	80	607113	10.5	
154 Di-n-butyl phthalate	149	10.231	10.228	0.003	100	770012	10.8	
159 Fluoranthene	202	10.807	10.811	-0.004	83	778779	10.6	
160 Benzidine	184	10.904	10.901	0.003	62	22172	0.8654	
161 Pyrene	202	11.016	11.019	-0.003	76	778137	9.96	
168 Butyl benzyl phthalate	149	11.614	11.617	-0.003	87	339365	10.7	
175 3,3'-Dichlorobenzidine	252	12.261	12.264	-0.003	66	195399	7.80	
173 Bis(2-ethylhexyl) phthalate	149	12.293	12.290	0.003	94	466212	10.5	
177 Benzo[a]anthracene	228	12.314	12.317	-0.003	88	682000	9.98	
178 Chrysene	228	12.362	12.365	-0.003	86	662537	10.4	
180 Di-n-octyl phthalate	149	13.206	13.204	0.002	99	733715	9.69	
182 Benzo[b]fluoranthene	252	13.820	13.823	-0.003	85	646710	10.5	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
183 Benzo[k]fluoranthene	252	13.858	13.861	-0.003	86	679967	10.4	
184 Benzo[a]pyrene	252	14.317	14.320	-0.003	76	568415	9.78	
188 Indeno[1,2,3-cd]pyrene	276	16.059	16.062	-0.003	79	689598	10.5	
189 Dibenz(a,h)anthracene	278	16.091	16.094	-0.003	53	575343	10.9	
190 Benzo[g,h,i]perylene	276	16.508	16.511	-0.003	90	590063	10.6	

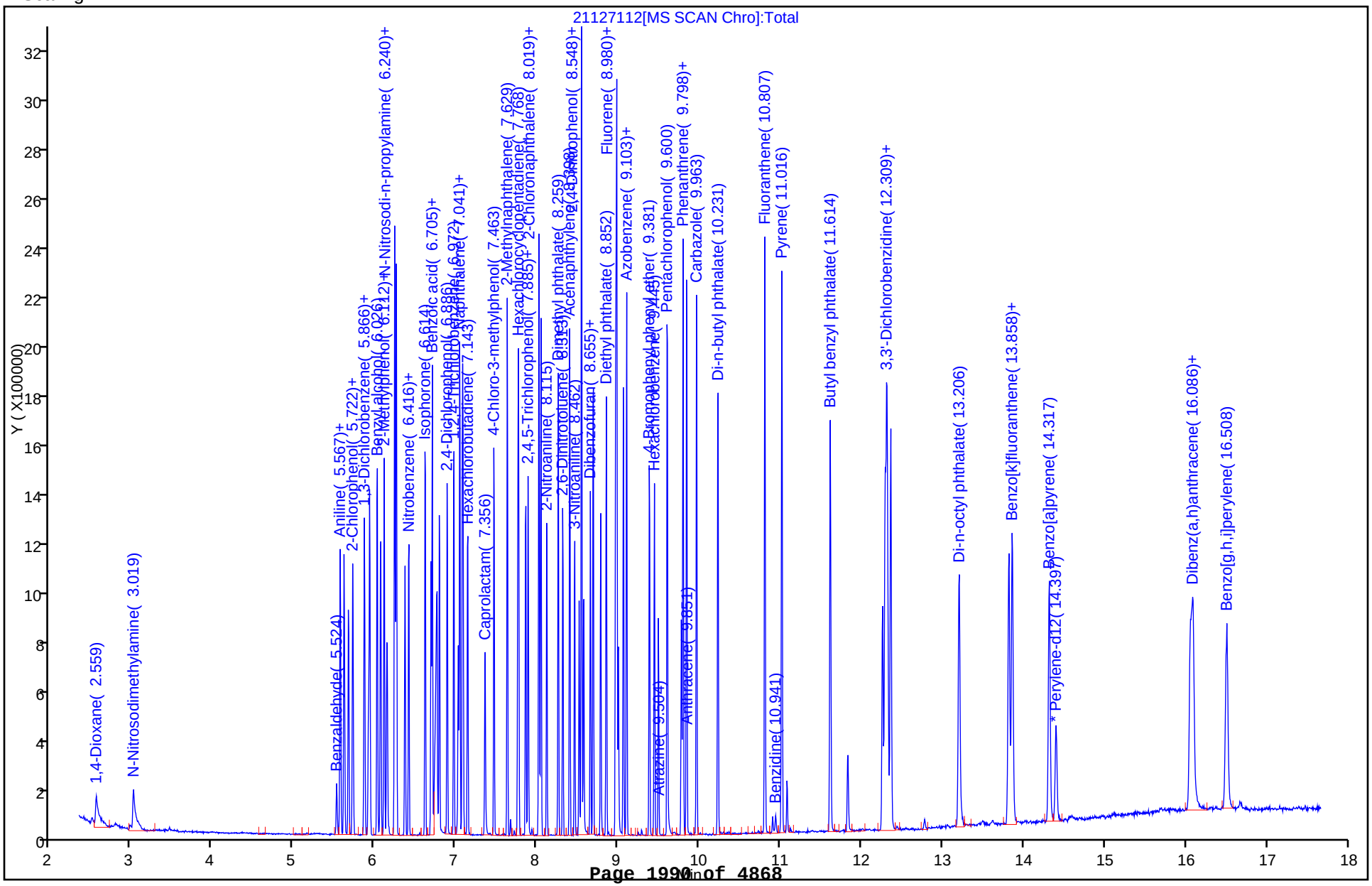
Report Date: 29-Nov-2012 07:29:33 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121128-15348.b\21127112.D

Injection Date:	28-Nov-2012 19:01:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	66620	Lims Sample ID:	12
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: CCV 240-66702/2 Calibration Date: 11/29/2012 08:23

Instrument ID: A4HP9 Calib Start Date: 11/28/2012 14:27

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 11/28/2012 18:11

Lab File ID: 21129002.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.9340	0.8574		9.18	10.0	-8.2	
N-Nitrosodimethylamine	Ave	1.288	1.388		10.8	10.0	7.7	
Pyridine	Ave	2.209	2.242		10.1	10.0	1.5	
Benzaldehyde	Ave	1.752	1.774		10.1	10.0	1.3	
Phenol	Ave	2.427	2.588		10.7	10.0	6.6	
Aniline	Ave	3.058	3.214		10.5	10.0	5.1	
Bis(2-chloroethyl)ether	Ave	1.907	1.960		10.3	10.0	2.8	
2-Chlorophenol	Ave	1.421	1.481		10.4	10.0	4.2	
1,3-Dichlorobenzene	Ave	1.537	1.564		10.2	10.0	1.8	
1,4-Dichlorobenzene	Ave	1.536	1.554		10.1	10.0	1.1	
Benzyl alcohol	Ave	1.088	1.172		10.8	10.0	7.7	
1,2-Dichlorobenzene	Ave	1.435	1.470		10.2	10.0	2.4	
2-Methylphenol	Ave	1.557	1.637		10.5	10.0	5.1	
3 & 4 Methylphenol	Ave	1.683	1.754		10.4	10.0	4.2	
N-Nitrosodi-n-propylamine	Ave	1.572	1.668		10.6	10.0	6.1	
Acetophenone	Ave	2.490	2.591		10.4	10.0	4.0	
Hexachloroethane	Ave	0.7041	0.7294		10.4	10.0	3.6	
Nitrobenzene	Ave	0.5932	0.6168		10.4	10.0	4.0	
Isophorone	Ave	1.040	1.084		10.4	10.0	4.2	
2-Nitrophenol	Qua		0.1857		10.1	10.0	1.1	
2,4-Dimethylphenol	Ave	0.4652	0.4779		10.3	10.0	2.7	
Benzoic acid	Qua		0.2273		21.6	20.0	7.8	
Bis(2-chloroethoxy)methane	Ave	0.5728	0.5841		10.2	10.0	2.0	
2,4-Dichlorophenol	Ave	0.2801	0.2933		10.5	10.0	4.7	
1,2,4-Trichlorobenzene	Ave	0.3521	0.3341		9.49	10.0	-5.1	
Naphthalene	Ave	1.007	1.016		10.1	10.0	0.9	
Hexachlorobutadiene	Ave	0.1886	0.1831		9.71	10.0	-2.9	
Caprolactam	Qua		0.1313		10.8	10.0	8.1	
4-Chloro-3-methylphenol	Ave	0.3983	0.4085		10.3	10.0	2.6	
2-Methylnaphthalene	Ave	0.6679	0.6716		10.1	10.0	0.6	
Hexachlorocyclopentadiene	Ave	0.2969	0.3328		11.2	10.0	12.1	
2,4,6-Trichlorophenol	Ave	0.3363	0.3570		10.6	10.0	6.2	
2,4,5-Trichlorophenol	Ave	0.3624	0.3841		10.6	10.0	6.0	
1,1'-Biphenyl	Ave	1.361	1.372		10.1	10.0	0.7	
2-Chloronaphthalene	Ave	1.067	1.064		9.98	10.0	-0.2	
2-Nitroaniline	Ave	0.4519	0.4891		10.8	10.0	8.2	
Dimethyl phthalate	Ave	1.234	1.236		10.0	10.0	0.1	
2,6-Dinitrotoluene	Ave	0.2627	0.2852		10.9	10.0	8.6	
Acenaphthylene	Ave	1.633	1.717		10.5	10.0	5.2	
3-Nitroaniline	Ave	0.2906	0.3094		10.6	10.0	6.4	
2,4-Dinitrophenol	Qua		0.1778		21.1	20.0	5.4	

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: CCV 240-66702/2 Calibration Date: 11/29/2012 08:23

Instrument ID: A4HP9 Calib Start Date: 11/28/2012 14:27

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 11/28/2012 18:11

Lab File ID: 21129002.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Acenaphthene	Ave	1.054	1.049		9.95	10.0	-0.5	
4-Nitrophenol	Qua		0.2287		9.92	10.0	-0.8	
2,4-Dinitrotoluene	Ave	0.3485	0.3824		11.0	10.0	9.7	
Dibenzofuran	Ave	1.493	1.516		10.2	10.0	1.5	
Diethyl phthalate	Ave	1.207	1.193		9.88	10.0	-1.2	
4-Chlorophenyl phenyl ether	Ave	0.6505	0.6434		9.89	10.0	-1.1	
4-Nitroaniline	Ave	0.2979	0.3271		11.0	10.0	9.8	
Fluorene	Ave	1.270	1.272		10.0	10.0	0.1	
4,6-Dinitro-2-methylphenol	Qua		0.1391		10.4	10.0	3.6	
N-Nitrosodiphenylamine	Ave	0.5330	0.5461		10.2	10.0	2.5	
1,2-Diphenylhydrazine(as Azobenzene)	Ave	1.186	1.258		10.6	10.0	6.1	
4-Bromophenyl phenyl ether	Ave	0.2038	0.2091		10.3	10.0	2.6	
Hexachlorobenzene	Ave	0.2097	0.2058		9.81	10.0	-1.9	
Atrazine	Ave	0.1655	0.1865		11.3	10.0	12.6	
Pentachlorophenol	Qua		0.1480		20.4	20.0	1.9	
Phenanthrene	Ave	1.122	1.094		9.75	10.0	-2.5	
Anthracene	Ave	1.096	1.146		10.5	10.0	4.5	
Carbazole	Ave	0.9777	1.006		10.3	10.0	2.9	
Di-n-butyl phthalate	Ave	1.210	1.244		10.3	10.0	2.7	
Fluoranthene	Ave	1.246	1.257		10.1	10.0	0.9	
Benzidine	Qua		0.7294		9.79	10.0	-2.1	
Pyrene	Ave	1.361	1.355		9.95	10.0	-0.5	
Butyl benzyl phthalate	Ave	0.5523	0.5578		10.1	10.0	1.0	
3,3'-Dichlorobenzidine	Ave	0.4363	0.4378		10.0	10.0	0.3	
Bis(2-ethylhexyl) phthalate	Ave	0.7708	0.7900		10.2	10.0	2.5	
Benzo[a]anthracene	Ave	1.191	1.174		9.86	10.0	-1.4	
Chrysene	Ave	1.110	1.093		9.85	10.0	-1.5	
Di-n-octyl phthalate	Qua		1.584		9.86	10.0	-1.4	
Benzo[b]fluoranthene	Ave	1.309	1.316		10.1	10.0	0.5	
Benzo[k]fluoranthene	Ave	1.387	1.401		10.1	10.0	1.0	
Benzo[a]pyrene	Ave	1.232	1.292		10.5	10.0	4.9	
Indeno[1,2,3-cd]pyrene	Ave	1.389	1.458		10.5	10.0	5.0	
Dibenz(a,h)anthracene	Ave	1.114	1.183		10.6	10.0	6.1	
Benzo[g,h,i]perylene	Ave	1.178	1.211		10.3	10.0	2.8	
2-Fluorophenol (Surr)	Ave	1.609	1.720		10.7	10.0	6.8	
Phenol-d5 (Surr)	Ave	2.233	2.387		10.7	10.0	6.9	
Nitrobenzene-d5 (Surr)	Ave	0.5627	0.5919		10.5	10.0	5.2	
2-Fluorobiphenyl (Surr)	Ave	1.215	1.237		10.2	10.0	1.8	
2,4,6-Tribromophenol (Surr)	Ave	0.1440	0.1581		11.0	10.0	9.8	
Terphenyl-d14 (Surr)	Ave	0.7935	0.7725		9.74	10.0	-2.6	

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129002.D		
Lims ID:	ccv tcl	Client ID:	
Inject. Date:	29-Nov-2012 08:23:30	Dil. Factor:	1.0000
Sample Type:	CCVIS		
Sample ID:	240-0015370-002		
Misc. Info.:	CCV TCL =CCV TCL		
Operator:	001574	Instrument ID:	A4HP9
Injection Vol:	1.0 ul	ALS Bottle#:	2
Lims Batch ID:	66702	Lims Sample ID:	2
Sublist:	chrom-8270 _9*sub13		
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP9\20121129-15370.b\8270 _9.m		
Last Update:	29-Nov-2012 12:55:48	Calib Date:	28-Nov-2012 18:11:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP9\20121128-15348.b\21127110.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK030		
First Level Reviewer: ulmanm		Date:	29-Nov-2012 09:02:08

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.907	5.907	0.0	93	74149	4.00	
* 2 Naphthalene-d8	136	7.013	7.013	0.0	98	302124	4.00	
* 3 Acenaphthene-d10	164	8.503	8.503	0.0	74	185565	4.00	
* 4 Phenanthrene-d10	188	9.764	9.764	0.0	93	315456	4.00	
* 5 Chrysene-d12	240	12.307	12.307	0.0	71	302691	4.00	
* 6 Perylene-d12	264	14.374	14.374	0.0	91	249382	4.00	
$ 7 2-Fluorophenol	112	4.662	4.662	0.0	92	318762	10.7	
$ 8 Phenol-d5	99	5.544	5.544	0.0	0	442469	10.7	
$ 9 Nitrobenzene-d5	82	6.388	6.388	0.0	80	447027	10.5	
$ 10 2-Fluorobiphenyl (Surr)	172	7.921	7.921	0.0	99	573932	10.2	
$ 11 2,4,6-Tribromophenol	330	9.171	9.171	0.0	82	73361	11.0	
$ 12 Terphenyl-d14	244	11.121	11.121	0.0	97	584558	9.74	
25 1,4-Dioxane	88	2.520	2.520	0.0	90	158943	9.18	
26 N-Nitrosodimethylamine	74	2.969	2.969	0.0	76	257264	10.8	
27 Pyridine	79	3.027	3.027	0.0	92	415542	10.1	
28 Ethyl methacrylate	69	3.658	3.658	0.0	82	391504	11.3	
29 3-Chloropropionitrile	54	4.021	4.021	0.0	82	172925	11.1	
33 Malononitrile	66	4.352	4.352	0.0	94	443688	11.4	
41 Benzaldehyde	77	5.512	5.512	0.0	84	328811	10.1	
43 Phenol	94	5.560	5.560	0.0	96	479690	10.7	
44 Aniline	93	5.602	5.602	0.0	94	595730	10.5	
69 Bis(2-chloroethyl)ether	93	5.656	5.656	0.0	98	363277	10.3	
46 2-Chlorophenol	128	5.709	5.709	0.0	89	274473	10.4	
47 1,3-Dichlorobenzene	146	5.853	5.853	0.0	80	289914	10.2	
48 1,4-Dichlorobenzene	146	5.918	5.918	0.0	78	287978	10.1	
49 Benzyl alcohol	108	6.014	6.014	0.0	85	217236	10.8	
50 1,2-Dichlorobenzene	146	6.056	6.056	0.0	78	272501	10.2	
51 2-Methylphenol	108	6.099	6.099	0.0	95	303386	10.5	
53 2,2'-oxybis[1-chloropropane]	45	6.137	6.137	0.0	98	328617	10.6	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
21 3 & 4 Methylphenol	108	6.233	6.233	0.0	92	325225	10.4	
57 N-Nitrosodi-n-propylamine	70	6.243	6.243	0.0	70	309268	10.6	
58 Acetophenone	105	6.249	6.249	0.0	85	480309	10.4	
61 Hexachloroethane	117	6.356	6.356	0.0	90	135204	10.4	
62 Nitrobenzene	77	6.404	6.404	0.0	74	465865	10.4	
64 Isophorone	82	6.607	6.607	0.0	95	818544	10.4	
66 2-Nitrophenol	139	6.676	6.676	0.0	91	140268	10.1	
67 1,3,5-Trichlorobenzene	180	6.692	6.692	0.0	84	261332	9.82	
65 2,4-Dimethylphenol	107	6.697	6.697	0.0	93	360973	10.3	
71 Benzoic acid	122	6.756	6.756	0.0	82	343303	21.6	
70 Bis(2-chloroethoxy)methane	93	6.783	6.783	0.0	98	441147	10.2	
73 2,4-Dichlorophenol	162	6.879	6.879	0.0	92	221511	10.5	
74 1,2,4-Trichlorobenzene	180	6.959	6.959	0.0	83	252356	9.49	
75 Naphthalene	128	7.034	7.034	0.0	98	767228	10.1	
76 4-Chloroaniline	127	7.066	7.066	0.0	79	332342	10.2	
79 Hexachlorobutadiene	225	7.130	7.130	0.0	90	138299	9.71	
80 1,2,3-Trichlorobenzene	180	7.152	7.152	0.0	82	238337	0	
84 Caprolactam	113	7.349	7.349	0.0	82	99184	10.8	
86 4-Chloro-3-methylphenol	107	7.456	7.456	0.0	79	308534	10.3	
87 2-Methylnaphthalene	142	7.622	7.622	0.0	84	507293	10.1	
88 1-Methylnaphthalene	142	7.702	7.702	0.0	81	475952	9.84	
90 1,2,3,5-Tetrachlorobenzene	216	7.745	7.745	0.0	82	253565	9.89	
89 Hexachlorocyclopentadiene	237	7.750	7.750	0.0	81	154409	11.2	
92 2,4,6-Trichlorophenol	196	7.846	7.846	0.0	90	165629	10.6	
93 2,4,5-Trichlorophenol	196	7.878	7.878	0.0	88	178191	10.6	
97 2,4-Toluene diamine	121	7.990	7.990	0.0	97	198819	12.4	
99 1,2,3,4 -Tetrachlorobenzene	216	8.001	8.001	0.0	87	239005	0	
98 1,1'-Biphenyl	154	8.012	8.012	0.0	92	636272	10.1	
100 2-Chloronaphthalene	162	8.033	8.033	0.0	97	493701	9.98	
102 2-Nitroaniline	65	8.108	8.108	0.0	71	226891	10.8	
105 Dimethyl phthalate	163	8.247	8.247	0.0	94	573228	10.0	
107 2,6-Dinitrotoluene	165	8.305	8.305	0.0	80	132314	10.9	
108 1,2-Dinitrobenzene	168	8.354	8.354	0.0	79	65649	10.5	
109 Acenaphthylene	152	8.391	8.391	0.0	85	796631	10.5	
110 3-Nitroaniline	138	8.450	8.450	0.0	83	143512	10.6	
111 2,4-Dinitrophenol	184	8.535	8.535	0.0	68	164926	21.1	
112 Acenaphthene	153	8.535	8.535	0.0	93	486490	9.95	
113 4-Nitrophenol	109	8.567	8.567	0.0	86	106112	9.92	
114 2,4-Dinitrotoluene	165	8.647	8.647	0.0	77	177400	11.0	
116 Dibenzofuran	168	8.679	8.679	0.0	84	703261	10.2	
118 2,3,5,6-Tetrachlorophenol	232	8.733	8.733	0.0	82	143357	9.99	
121 Diethyl phthalate	149	8.840	8.840	0.0	95	553395	9.88	
123 4-Chlorophenyl phenyl ether	204	8.957	8.957	0.0	93	298466	9.89	
125 4-Nitroaniline	138	8.968	8.968	0.0	79	151750	11.0	
126 Fluorene	166	8.968	8.968	0.0	80	589932	10.0	
128 4,6-Dinitro-2-methylphenol	198	8.989	8.989	0.0	76	109683	10.4	
131 N-Nitrosodiphenylamine	169	9.048	9.048	0.0	98	430680	10.2	
132 1,2-Diphenylhydrazine	77	9.091	9.091	0.0	100	992336	10.6	
133 Azobenzene	77	9.091	9.091	0.0	94	992339	10.6	
139 4-Bromophenyl phenyl ether	248	9.374	9.374	0.0	68	164899	10.3	
141 Hexachlorobenzene	284	9.433	9.433	0.0	78	162324	9.81	
142 Atrazine	200	9.481	9.481	0.0	82	147056	11.3	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
143 Pentachlorophenol	266	9.593	9.593	0.0	82	233382	20.4	
148 Phenanthrene	178	9.785	9.785	0.0	83	863047	9.75	
149 Anthracene	178	9.828	9.828	0.0	83	903554	10.5	
151 Carbazole	167	9.951	9.951	0.0	82	793592	10.3	
154 Di-n-butyl phthalate	149	10.213	10.213	0.0	99	980715	10.3	
159 Fluoranthene	202	10.795	10.795	0.0	83	991707	10.1	
160 Benzidine	184	10.891	10.891	0.0	88	551984	9.79	
161 Pyrene	202	11.003	11.003	0.0	95	1025191	9.95	
168 Butyl benzyl phthalate	149	11.596	11.596	0.0	84	422110	10.1	
172 3,3'-Dimethoxybenzidine	244	12.200	12.200	0.0	87	232804	9.70	
174 4,4'-Methylene bis(2-chloroanili	231	12.243	12.243	0.0	72	168491	9.40	
175 3,3'-Dichlorobenzidine	252	12.243	12.243	0.0	67	331288	10.0	
173 Bis(2-ethylhexyl) phthalate	149	12.269	12.269	0.0	94	597804	10.2	
177 Benzo[a]anthracene	228	12.296	12.296	0.0	83	888394	9.86	
178 Chrysene	228	12.344	12.344	0.0	85	826890	9.85	
180 Di-n-octyl phthalate	149	13.177	13.177	0.0	100	987750	9.86	
182 Benzo[b]fluoranthene	252	13.797	13.797	0.0	81	820523	10.1	
183 Benzo[k]fluoranthene	252	13.835	13.835	0.0	84	873384	10.1	
184 Benzo[a]pyrene	252	14.294	14.294	0.0	74	805689	10.5	
188 Indeno[1,2,3-cd]pyrene	276	16.030	16.030	0.0	82	909221	10.5	
189 Dibenz(a,h)anthracene	278	16.057	16.057	0.0	51	737363	10.6	
190 Benzo[g,h,i]perylene	276	16.474	16.474	0.0	91	755114	10.3	
S 191 Methyl Phenols,Total	100				0		20.9	

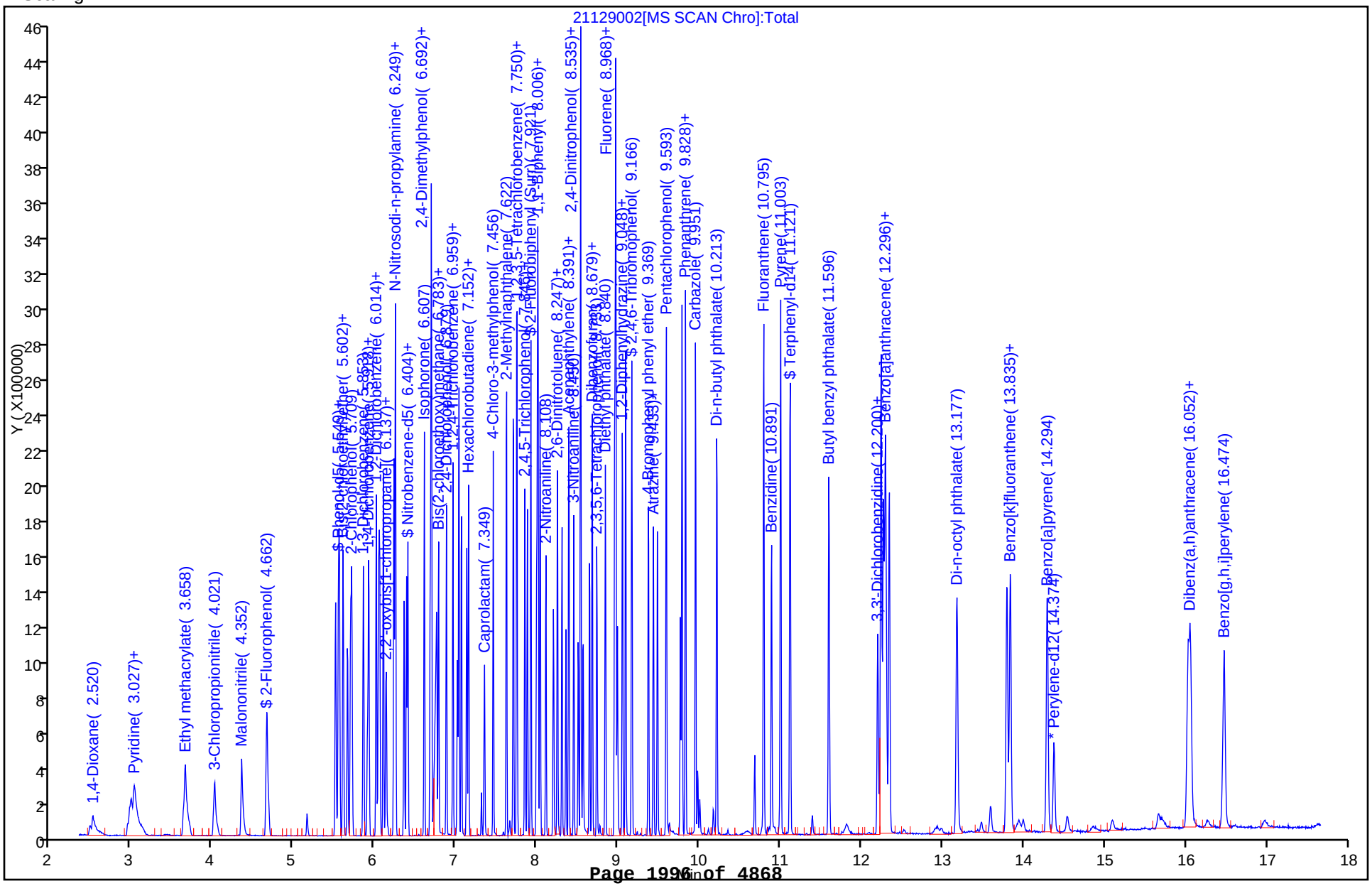
Report Date: 29-Nov-2012 12:55:48 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129002.D

Injection Date:	29-Nov-2012 08:23:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	66702	Lims Sample ID:	2
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: mdll1 Calibration Date: 11/29/2012 13:54

Instrument ID: A4HP9 Calib Start Date: 11/28/2012 14:27

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 11/28/2012 18:11

Lab File ID: 21129023.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Naphthalene	Ave	1.007			0.0877	0.100		
2-Methylnaphthalene	Ave	0.6679			0.0902	0.100		
2-Chloronaphthalene	Ave	1.067			0.0903	0.100		
Acenaphthylene	Ave	1.633			0.0979	0.100		
Acenaphthene	Ave	1.054			0.0925	0.100		
Fluorene	Ave	1.270			0.0848	0.100		
Hexachlorobenzene	Ave	0.2097			0.0975	0.100		
Phenanthrene	Ave	1.122			0.107	0.100		
Anthracene	Ave	1.096			0.0905	0.100		
Di-n-butyl phthalate	Ave	1.210			0.0934	0.100		
Fluoranthene	Ave	1.246			0.0991	0.100		
Pyrene	Ave	1.361			0.0989	0.100		
Benzo[a]anthracene	Ave	1.191			0.103	0.100		
Chrysene	Ave	1.110			0.118	0.100		
Benzo[b]fluoranthene	Ave	1.309			0.0965	0.100		
Benzo[k]fluoranthene	Ave	1.387			0.109	0.100		
Benzo[a]pyrene	Ave	1.232			0.106	0.100		
Indeno[1,2,3-cd]pyrene	Ave	1.389			0.0960	0.100		
Dibenz(a,h)anthracene	Ave	1.114			0.0942	0.100		
Benzo[g,h,i]perylene	Ave	1.178			0.0943	0.100		
1,1'-Biphenyl	Ave	1.361			0.000800	0.100		
1,2,4-Trichlorobenzene	Ave	0.3521			0.000800	0.100		
1,2-Dichlorobenzene	Ave	1.435			0.000800	0.100		
1,2-Diphenylhydrazine(as Azobenzene)	Ave	1.186			0.000800	0.100		
1,3-Dichlorobenzene	Ave	1.537			0.000800	0.100		
1,4-Dichlorobenzene	Ave	1.536			0.000800	0.100		
1,4-Dioxane	Ave	0.9340			0.000800	0.100		
2,4,5-Trichlorophenol	Ave	0.3624			0.000800	0.100		
2,4,6-Trichlorophenol	Ave	0.3363			0.000800	0.100		
2,4-Dichlorophenol	Ave	0.2801			0.000800	0.100		
2,4-Dimethylphenol	Ave	0.4652			0.000800	0.100		
2,4-Dinitrophenol	Qua				0.00240	0.200		
2,4-Dinitrotoluene	Ave	0.3485			0.000800	0.100		
2,6-Dinitrotoluene	Ave	0.2627			0.000800	0.100		
2-Chlorophenol	Ave	1.421			0.000800	0.100		

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: mdll1 Calibration Date: 11/29/2012 13:54

Instrument ID: A4HP9 Calib Start Date: 11/28/2012 14:27

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 11/28/2012 18:11

Lab File ID: 21129023.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Methylphenol	Ave	1.557			0.000800	0.100		
2-Nitroaniline	Ave	0.4519			0.000800	0.100		
2-Nitrophenol	Qua				0.000800	0.100		
3 & 4 Methylphenol	Ave	1.683			0.000800	0.100		
3,3'-Dichlorobenzidine	Ave	0.4363			0.000800	0.100		
3-Nitroaniline	Ave	0.2906			0.000800	0.100		
4,6-Dinitro-2-methylphenol	Qua				0.00240	0.100		
4-Bromophenyl phenyl ether	Ave	0.2038			0.000800	0.100		
4-Chloro-3-methylphenol	Ave	0.3983			0.000800	0.100		
4-Chlorophenyl phenyl ether	Ave	0.6505			0.000800	0.100		
4-Nitroaniline	Ave	0.2979			0.000800	0.100		
4-Nitrophenol	Qua				0.00240	0.100		
Acetophenone	Ave	2.490			0.000800	0.100		
Aniline	Ave	3.058			0.00240	0.100		
Atrazine	Ave	0.1655			0.000800	0.100		
Benzaldehyde	Ave	1.752			0.000800	0.100		
Benzidine	Qua				0.00240	0.100		
Benzoic acid	Qua				0.0100	0.200		
Benzyl alcohol	Ave	1.088			0.000800	0.100		
Bis(2-chloroethoxy)methane	Ave	0.5728			0.000800	0.100		
Bis(2-chloroethyl)ether	Ave	1.907			0.000100	0.100		
Bis(2-ethylhexyl) phthalate	Ave	0.7708			0.000800	0.100		
Butyl benzyl phthalate	Ave	0.5523			0.000800	0.100		
Caprolactam	Qua				0.000800	0.100		
Carbazole	Ave	0.9777			0.000800	0.100		
Dibenzofuran	Ave	1.493			0.000100	0.100		
Diethyl phthalate	Ave	1.207			0.000800	0.100		
Dimethyl phthalate	Ave	1.234			0.000800	0.100		
Di-n-octyl phthalate	Qua				0.000800	0.100		
Hexachlorobutadiene	Ave	0.1886			0.000800	0.100		

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: mdll1 Calibration Date: 11/29/2012 13:54

Instrument ID: A4HP9 Calib Start Date: 11/28/2012 14:27

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 11/28/2012 18:11

Lab File ID: 21129023.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Hexachlorocyclopentadiene	Ave	0.2969			0.000800	0.100		
Hexachloroethane	Ave	0.7041			0.000800	0.100		
Isophorone	Ave	1.040			0.000800	0.100		
Nitrobenzene	Ave	0.5932			0.000100	0.100		
N-Nitrosodimethylamine	Ave	1.288			0.000800	0.100		
N-Nitrosodi-n-propylamine	Ave	1.572			0.000800	0.100		
N-Nitrosodiphenylamine	Ave	0.5330			0.000800	0.100		
Pentachlorophenol	Qua				0.00240	0.200		
Phenol	Ave	2.427			0.000800	0.100		
Pyridine	Ave	2.209			0.000800	0.100		
Nitrobenzene-d5 (Surr)	Ave	0.5627			0.0961	0.100	96	35-100
2-Fluorobiphenyl (Surr)	Ave	1.215			0.114	0.100	114*	45-105
Terphenyl-d14 (Surr)	Ave	0.7935			0.105	0.100	105	30-125
2,4,6-Tribromophenol (Surr)	Ave	0.1440			0.000000	0.100	0*	35-125
2-Fluorophenol (Surr)	Ave	1.609			0.000000	0.100	0*	35-105
Phenol-d5 (Surr)	Ave	2.233			0.000000	0.100	0*	40-100

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129023.D
Lims ID: mdll1 Client ID:
Inject. Date: 29-Nov-2012 13:54:30 Dil. Factor: 1.0000
Sample Type: LODV
Sample ID: 240-0015370-023
Misc. Info.: MDLL1 =MDLL1
Operator: 001574 Instrument ID: A4HP9
Injection Vol: 1.0 ul ALS Bottle#: 23
Lims Batch ID: 66702 Lims Sample ID: 23
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121129-15370.b\8270 _9.m
Last Update: 30-Nov-2012 08:49:50 Calib Date: 28-Nov-2012 18:11:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121128-15348.b\21127110.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: 5% phenyl Column Dia: 0.18 mm
Process Host: XAWRK030

First Level Reviewer: ulmanm Date: 29-Nov-2012 14:48:55

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.902	5.907	-0.005	86	71911	4.00	
* 2 Naphthalene-d8	136	7.013	7.013	0.0	99	280089	4.00	
* 3 Acenaphthene-d10	164	8.503	8.503	0.0	77	167004	4.00	
* 4 Phenanthrene-d10	188	9.764	9.764	0.0	78	275541	4.00	
* 5 Chrysene-d12	240	12.307	12.307	0.0	76	257465	4.00	
* 6 Perylene-d12	264	14.374	14.374	0.0	92	211067	4.00	
$ 7 2-Fluorophenol	112		4.662					9
$ 8 Phenol-d5	99		5.544					
$ 9 Nitrobenzene-d5	82	6.388	6.388	0.0	40	3785	0.0961	
$ 10 2-Fluorobiphenyl (Surr)	172	7.921	7.921	0.0	17	5788	0.1141	
$ 11 2,4,6-Tribromophenol	330		9.171					
$ 12 Terphenyl-d14	244	11.121	11.121	0.0	1	5381	0.1054	
20 Dimethylformamide	1		0.000					
19 Octachlorostyrene	1		0.000					
22 Bis(2-hydroxyphenyl)methane	1		0.000					
13 Octachlorocyclopentene	1		0.000					
23 2,5-Dichlorophenol	1		0.000					
18 Bis(4-hydroxyphenyl)methane	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
31 2-Picoline	93		2.310					
32 N-Nitrosomethylethylamine	88		2.374					
25 1,4-Dioxane	88		2.520					9
34 Methyl methanesulfonate	80		2.587					
30 3-Picoline	93		2.651					
233 n,n'-Dimethylacetamide	44		2.662					9
35 Acrylamide	71		2.744					
36 N-Nitrosodiethylamine	102		2.897					
26 N-Nitrosodimethylamine	74		2.969					9
27 Pyridine	79		3.027					9
37 Ethyl methanesulfonate	79		3.105					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
38 2-Methylcyclohexanone	68		3.292					
39 3-Methylcyclohexanone	69		3.319					
40 4-Methylcyclohexanone	55	3.380	3.356	0.024	1	368	0	
45 Pentachloroethane	167		3.501					
42 Phenylmercaptan	110		3.596					
28 Ethyl methacrylate	69		3.658					9
232 1-Methyl-2-pyrrilidinone	99		3.880					
56 N-Nitrosopyrrolidine	100		3.992					
59 N-Nitrosomorpholine	56		4.013					
29 3-Chloropropionitrile	54		4.021					9
60 2-Toluidine	106		4.040					
52 Indene	115		4.084					
63 N-Nitrosopiperidine	114		4.254					
33 Malononitrile	66		4.352					9
68 o,o',o''-Triethylphosphorothioat	198		4.435					
17 4-Chlorophenol	128		4.500					
24 Catechol	110		4.592					
72 alpha,alpha-Dimethyl phenethylam	58		4.601					
77 2,6-Dichlorophenol	162		4.729					
78 Hexachloropropene	213		4.756					
15 3-Methylcatechol	124		4.913					
83 N-Nitrosodi-n-butylamine	84		4.953					9
85 p-Phenylene diamine	108		4.969					
14 4-Methylcatechol	124		5.036					
81 Benzothiazole	135		5.046					
82 Quinoline	129		5.099					
94 Safrole, Total	162		5.119					
91 1,2,4,5-Tetrachlorobenzene	216		5.327					
225 Isosafrole Peak 1	162		5.333					
227 Isosafrole Peak 2	162		5.498					
41 Benzaldehyde	77		5.512					
43 Phenol	94		5.560					9
44 Aniline	93		5.602					
69 Bis(2-chloroethyl)ether	93		5.656					
103 1,4-Naphthoquinone	158		5.680					
46 2-Chlorophenol	128		5.709					9
104 1,4-Dinitrobenzene	168		5.712					
96 3,4-Dichloronitrobenzene	109		5.725					
106 1,3-Dinitrobenzene	168		5.771					
101 Phenyl ether	170		5.773					
47 1,3-Dichlorobenzene	146		5.853					9
48 1,4-Dichlorobenzene	146		5.918					9
49 Benzyl alcohol	108		6.014					9
50 1,2-Dichlorobenzene	146		6.056					9
115 Pentachlorobenzene	250		6.091					
51 2-Methylphenol	108		6.099					9
53 2,2'-oxybis[1-chloropropane]	45		6.137					
117 1-Naphthylamine	143		6.166					
119 2,3,4,6-Tetrachlorophenol	232		6.203					
120 2-Naphthylamine	143		6.225					
21 3 & 4 Methylphenol	108		6.233					9
57 N-Nitrosodi-n-propylamine	70		6.243					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
58 Acetophenone	105		6.249					
122 Thionazin	97		6.305					
61 Hexachloroethane	117		6.356					9
124 N-Nitro-o-toluidine	152		6.358					
127 Tributyl phosphate	99		6.379					
62 Nitrobenzene	77		6.404					9
130 Diphenylamine	169		6.428					
134 Sulfotepp	202		6.518					
64 Isophorone	82		6.607					
135 1,3,5-Trinitrobenzene	213		6.614					
228 Diallate Peak 1	86		6.630					
138 Phorate	121		6.636					9
137 Phenacetin	108		6.641					
66 2-Nitrophenol	139		6.676					9
67 1,3,5-Trichlorobenzene	180		6.692					9
230 Diallate Peak 2	86		6.695					
65 2,4-Dimethylphenol	107		6.697					9
71 Benzoic acid	122		6.756					9
140 Dimethoate	87		6.764					
70 Bis(2-chloroethoxy)methane	93		6.783					
73 2,4-Dichlorophenol	162		6.879					9
129 4-Aminobiphenyl	169		6.892					
144 Pronamide	173		6.919					
145 Pentachloronitrobenzene	237		6.919					
74 1,2,4-Trichlorobenzene	180		6.959					9
146 Disulfoton	88		7.010					9
147 Dinoseb	211		7.020					
75 Naphthalene	128	7.029	7.034	-0.005	14	6182	0.0877	
76 4-Chloroaniline	127		7.066					9
79 Hexachlorobutadiene	225		7.130					9
80 1,2,3-Trichlorobenzene	180		7.152					9
152 Methyl parathion	109		7.282					
84 Caprolactam	113		7.349					9
86 4-Chloro-3-methylphenol	107		7.456					9
155 Ethyl Parathion	97		7.560					
156 4-Nitroquinoline-1-oxide	190		7.613					
153 Diphenylsulfone	125		7.616					
87 2-Methylnaphthalene	142	7.617	7.622	-0.005	32	4220	0.0902	
157 Methapyrilene	58		7.645					
88 1-Methylnaphthalene	142	7.708	7.702	0.006	9	4770	0.1064	
90 1,2,3,5-Tetrachlorobenzene	216		7.745					9
89 Hexachlorocyclopentadiene	237		7.750					
158 Isodrin	66		7.816					
92 2,4,6-Trichlorophenol	196		7.846					9
93 2,4,5-Trichlorophenol	196		7.878					9
97 2,4-Toluene diamine	121		7.990					9
99 1,2,3,4 -Tetrachlorobenzene	216		8.001					9
98 1,1'-Biphenyl	154		8.012					9
100 2-Chloronaphthalene	162	8.033	8.033	0.0	30	4021	0.0903	
102 2-Nitroaniline	65		8.108					9
226 Aramite Peak 1	185		8.131					
229 Aramite Peak 2	185		8.185					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
105 Dimethyl phthalate	163		8.247					9
163 p-Dimethylamino azobenzene	225		8.276					
164 Chlorobenzilate	139		8.297					
107 2,6-Dinitrotoluene	165		8.305					9
108 1,2-Dinitrobenzene	168		8.354					9
109 Acenaphthylene	152	8.391	8.391	0.0	68	6671	0.0979	
110 3-Nitroaniline	138		8.450					9
167 Famphur	218		8.473					
169 3,3'-Dimethylbenzidine	212		8.516					
111 2,4-Dinitrophenol	184		8.535					
112 Acenaphthene	153	8.530	8.535	-0.005	56	4073	0.0925	
113 4-Nitrophenol	109		8.567					9
114 2,4-Dinitrotoluene	165		8.647					9
116 Dibenzofuran	168		8.679					
171 2-Acetylaminofluorene	181		8.713					
118 2,3,5,6-Tetrachlorophenol	232		8.733					9
121 Diethyl phthalate	149		8.840					
123 4-Chlorophenyl phenyl ether	204		8.957					9
125 4-Nitroaniline	138		8.968					
126 Fluorene	166	8.968	8.968	0.0	35	4496	0.0848	
128 4,6-Dinitro-2-methylphenol	198		8.989					
131 N-Nitrosodiphenylamine	169		9.048					9
132 1,2-Diphenylhydrazine	77		9.091					
133 Azobenzene	77		9.091					
176 Hexabromobenzene	232		9.208					
139 4-Bromophenyl phenyl ether	248		9.374					9
141 Hexachlorobenzene	284	9.433	9.433	0.0	1	1409	0.0975	
142 Atrazine	200		9.481					9
179 6-Methylchrysene	242		9.576					
143 Pentachlorophenol	266		9.593					9
148 Phenanthrene	178	9.786	9.785	0.001	14	8306	0.1074	
149 Anthracene	178	9.828	9.828	0.0	21	6834	0.0905	
181 7,12-Dimethylbenz(a)anthracene	256		9.856					
150 DFTPP								1
151 Carbazole	167		9.951					9
154 Di-n-butyl phthalate	149	10.213	10.213	0.0	73	7787	0.0934	
185 3-Methylcholanthrene	268		10.594					
159 Fluoranthene	202	10.790	10.795	-0.005	39	8508	0.0991	
160 Benzidine	184		10.891					9
161 Pyrene	202	10.998	11.003	-0.005	78	8666	0.0989	
166 4,4'-DDE	246		11.061					
165 4,4'-DDD	235		11.430					
168 Butyl benzyl phthalate	149		11.596					9
170 4,4'-DDT	235		11.718					
187 Dibenz[a,h]acridine	279		11.729					
186 Dibenz[a,j]acridine	279		11.804					
172 3,3'-Dimethoxybenzidine	244		12.200					9
174 4,4'-Methylene bis(2-chloroanili	231		12.243					9
175 3,3'-Dichlorobenzidine	252		12.243					9
173 Bis(2-ethylhexyl) phthalate	149		12.269					9
177 Benzo[a]anthracene	228	12.296	12.296	0.0	7	7891	0.1029	
178 Chrysene	228	12.344	12.344	0.0	5	8449	0.1183	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
180 Di-n-octyl phthalate	149		13.177					9
182 Benzo[b]fluoranthene	252	13.792	13.797	-0.005	12	6666	0.0965	
183 Benzo[k]fluoranthene	252	13.835	13.835	0.0	34	7944	0.1085	
184 Benzo[a]pyrene	252	14.284	14.294	-0.010	12	6906	0.1062	M
188 Indeno[1,2,3-cd]pyrene	276	16.020	16.030	-0.010	0	7035	0.0960	M
189 Dibenz(a,h)anthracene	278	16.057	16.057	0.0	0	5541	0.0942	M
190 Benzo[g,h,i]perylene	276	16.463	16.474	-0.011	47	5863	0.0943	M
S 191 Methyl Phenols,Total	100		0.000					7
S 95 Isosafrole	162		5.568					7
S 136 Diallate	86		6.701					7
S 162 Aramite, Total	185		8.271					7
T 192 Octadecane (TIC)	57		0.000					1
T 195 Hydroquinone TIC	110		0.000					1
T 194 Decane TIC	57		0.000					1
T 240 Trimethyl phosphate TIC	110		3.120					1
T 234 2-Isopropylphenol TIC	121		4.623					1
T 236 3-isopropylphenol TIC	121		4.756					1
T 235 4-isopropylphenol TIC	121		4.756					1
T 193 Hexamethylphosphoramide TIC	135		5.100					1
T 237 3-(1,1-Dimethylethyl Phenol) TIC	135		5.110					1
T 196 Kepone TIC	272		8.281					1
T 242 Triphenyl Phosphate TIC	326		8.700					1
T 238 2,3,7,8-TCDD TIC	1		9.000					1
T 231 2,3,7,8-TCDD	322		9.150					1
T 197 Hexachlorophene TIC	198		9.269					1
T 241 Tricresyl phosphate TIC	368		9.372					1
T 239 Tris(2,3-dibromopropyl)phosphate	201		10.600					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

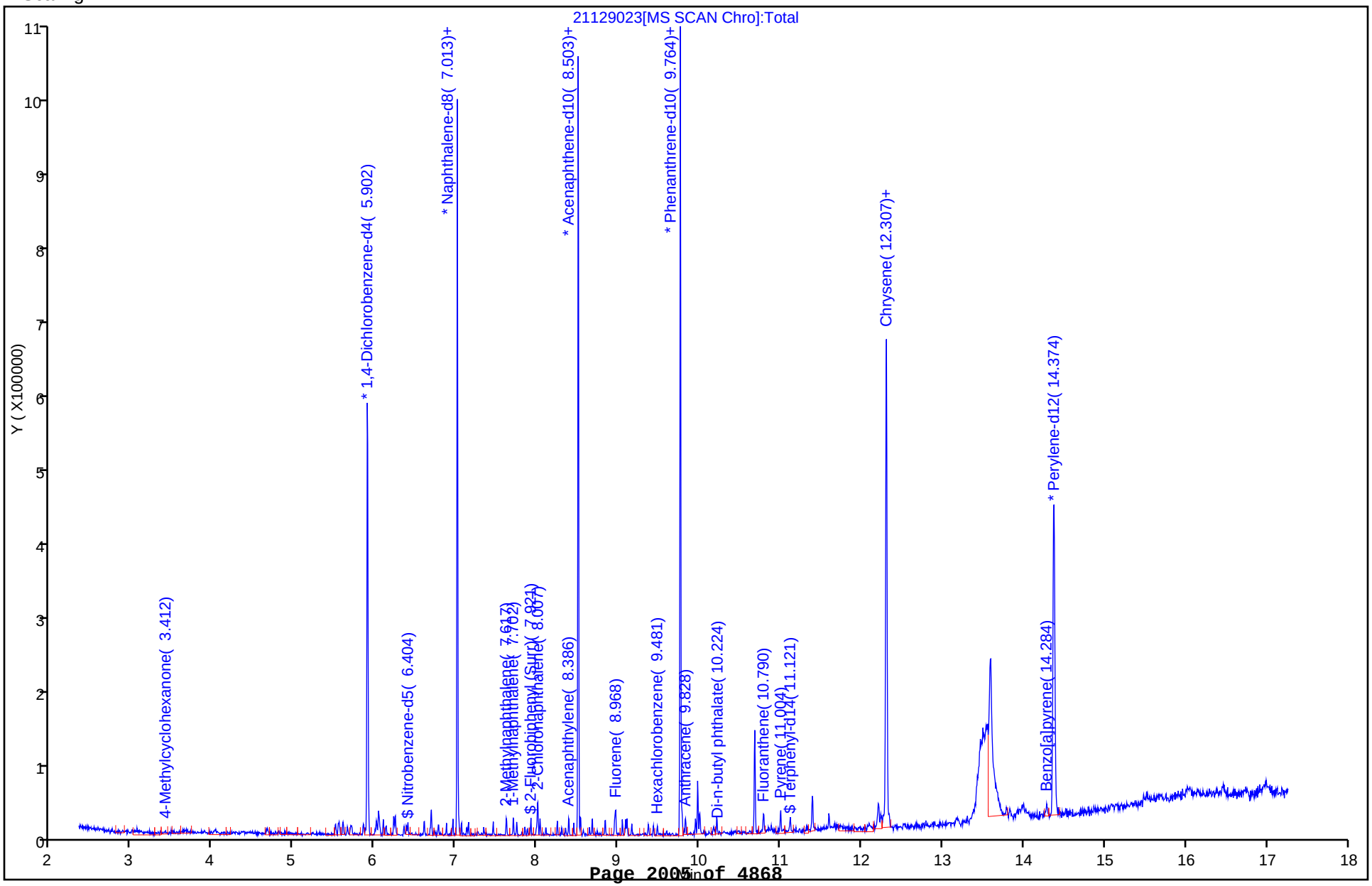
Review Flags
M - Manually Integrated

Report Date: 30-Nov-2012 08:49:55 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129023.D		
Injection Date:	29-Nov-2012 13:54:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	66702	Lims Sample ID:	23
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



Manual Integration/User Assign Peak Report

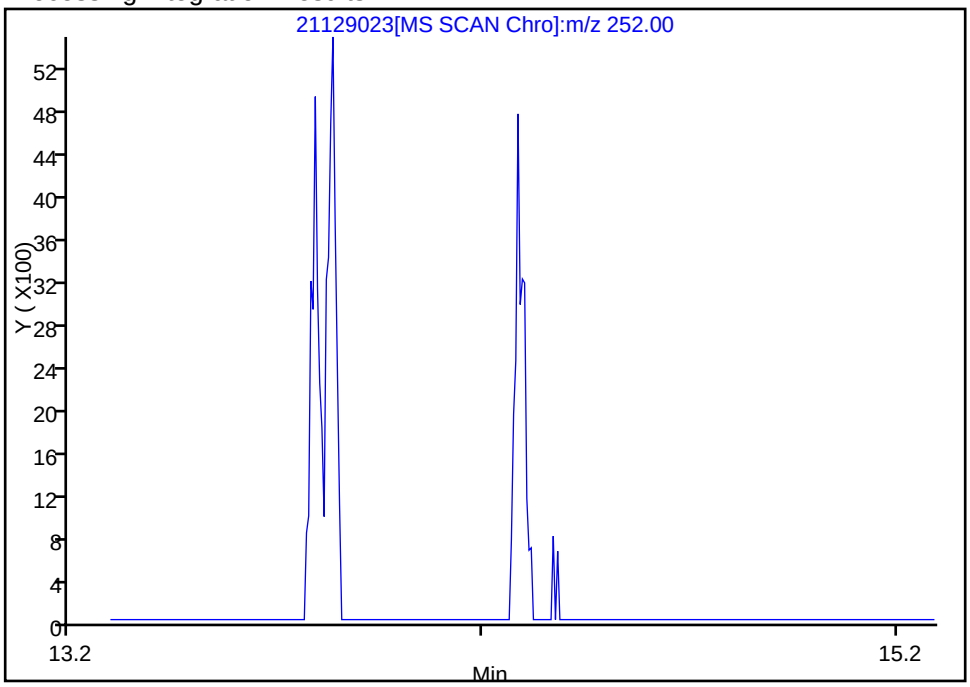
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129023.D		
Injection Date:	29-Nov-2012 13:54:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	66702	Lims Sample ID:	23
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

184 Benzo[a]pyrene, Signal: 1, m/z: 252.0 Type: quant, RT: 14.29

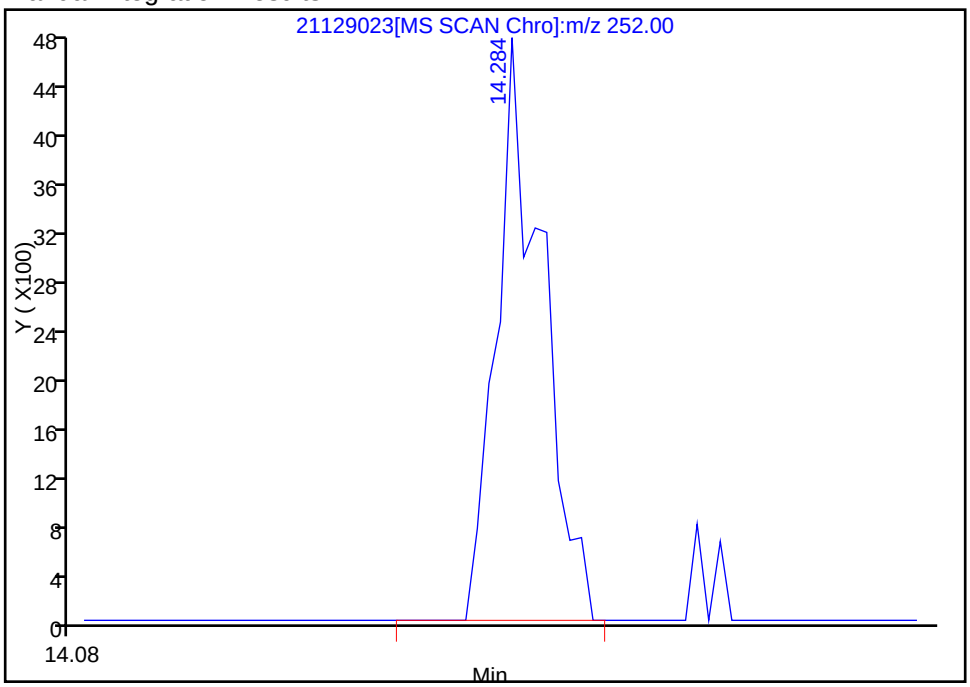
Processing Integration Results

Not Detected
Expected RT: 14.29



Manual Integration Results

RT: 14.28
Response: 6906
Amount: 0.106227



Reviewer: ulmanm, 29-Nov-2012 14:48:55
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

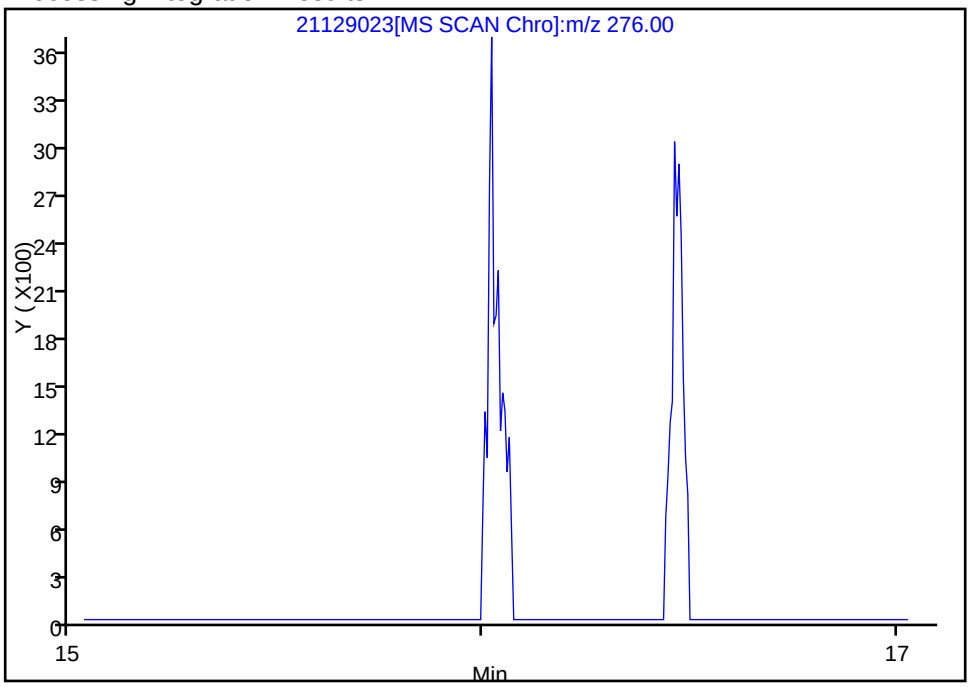
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129023.D		
Injection Date:	29-Nov-2012 13:54:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	66702	Lims Sample ID:	23
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

188 Indeno[1,2,3-cd]pyrene, Signal: 1, m/z: 276.0 Type: quant, RT: 16.03

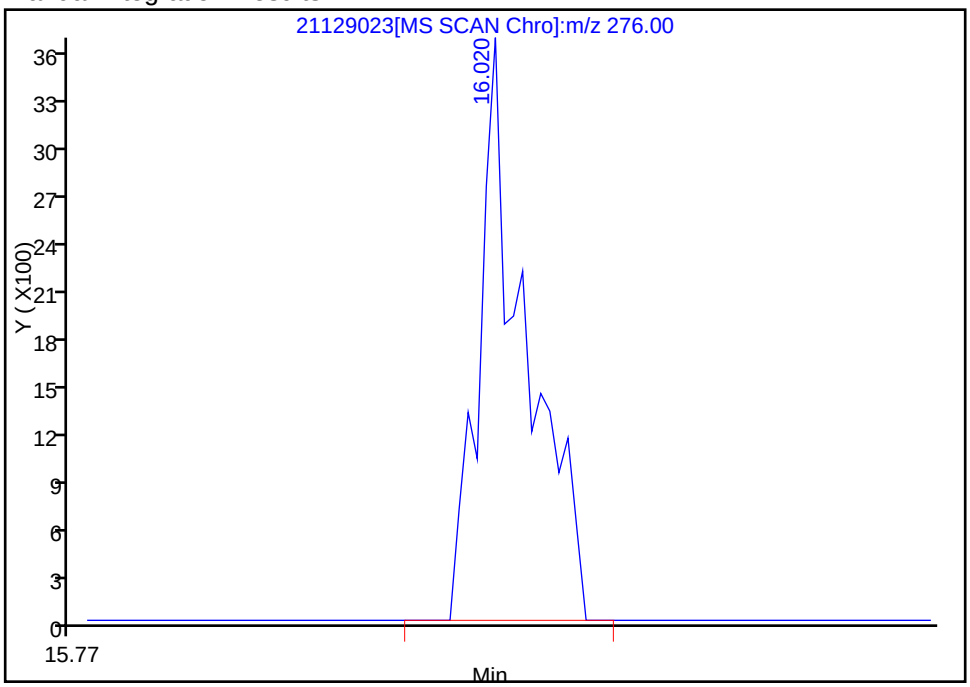
Processing Integration Results

Not Detected
Expected RT: 16.03



Manual Integration Results

RT: 16.02
Response: 7035
Amount: 0.096018



Reviewer: ulmanm, 29-Nov-2012 14:48:55
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

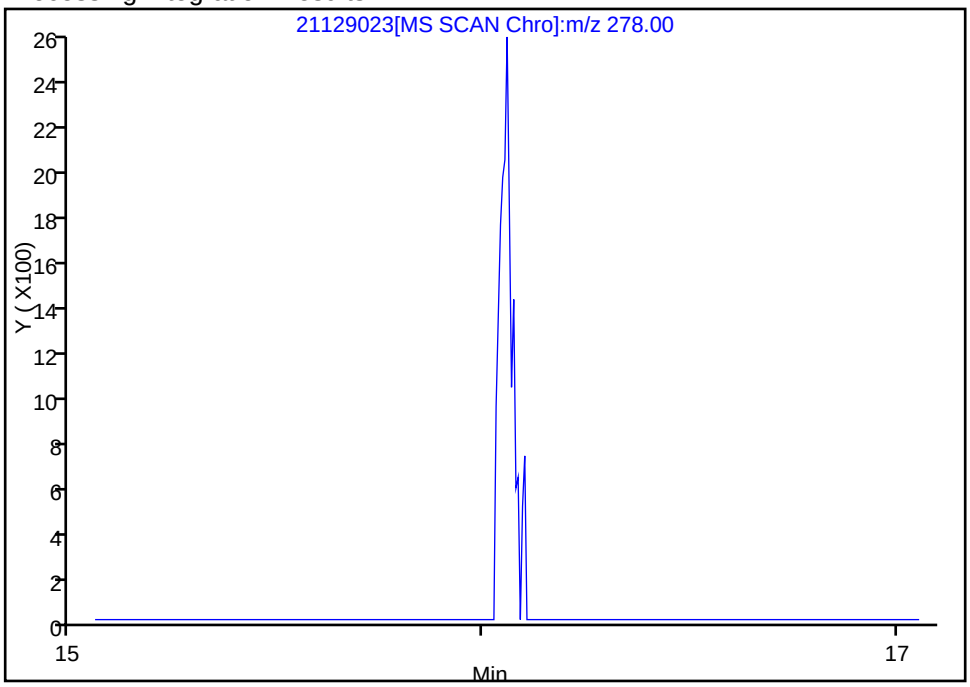
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129023.D		
Injection Date:	29-Nov-2012 13:54:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	66702	Lims Sample ID:	23
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

189 Dibenz(a,h)anthracene, Signal: 1, m/z: 278.0 Type: quant, RT: 16.06

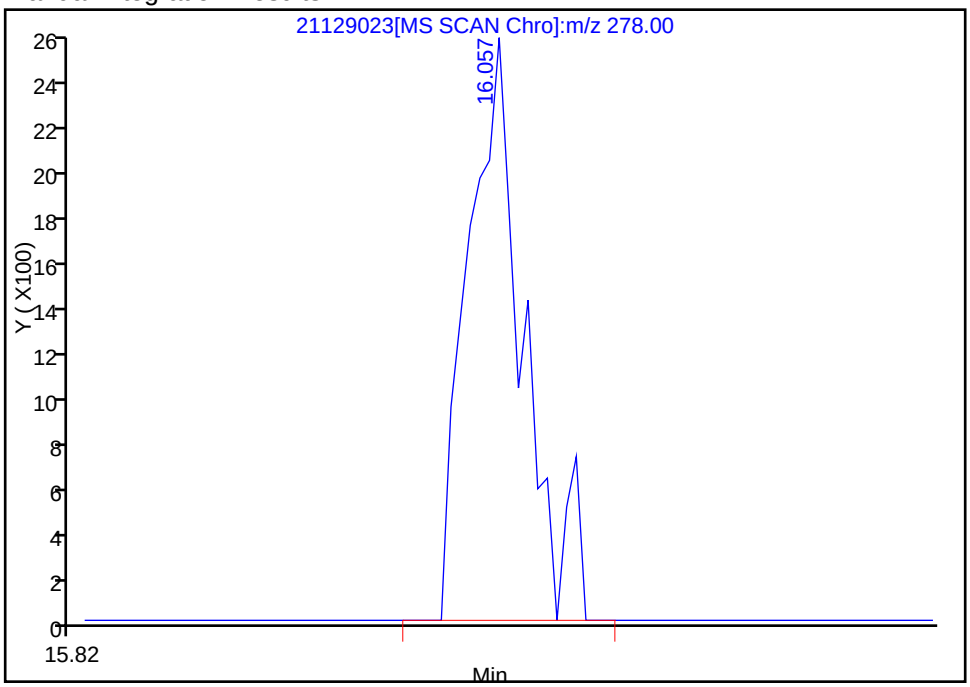
Processing Integration Results

Not Detected
Expected RT: 16.06



Manual Integration Results

RT: 16.06
Response: 5541
Amount: 0.094247



Reviewer: ulmanm, 29-Nov-2012 14:48:55
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

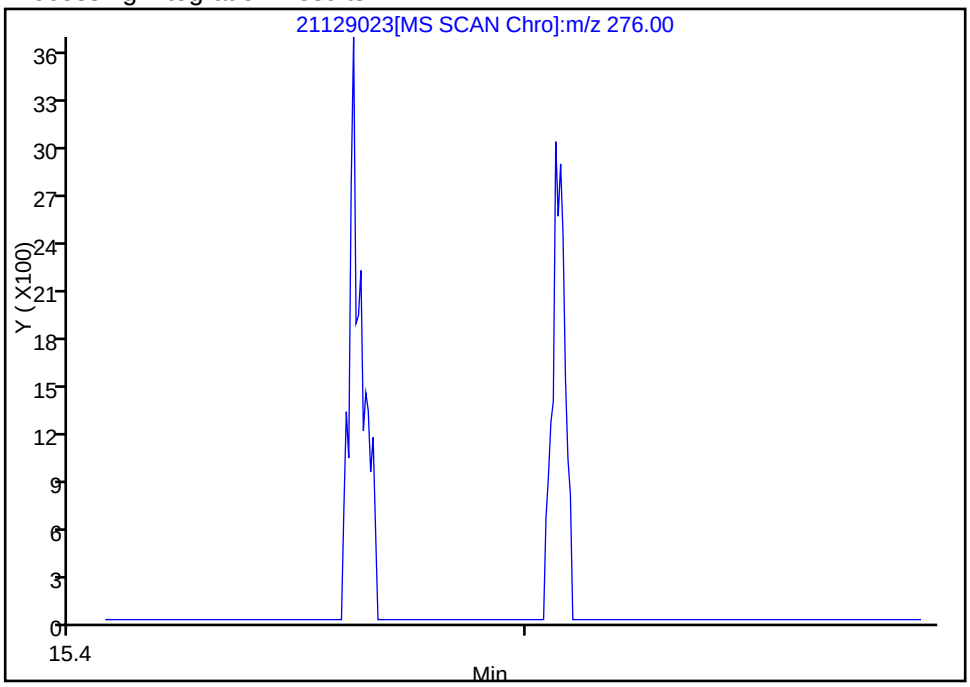
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129023.D		
Injection Date:	29-Nov-2012 13:54:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	66702	Lims Sample ID:	23
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

190 Benzo[g,h,i]perylene, Signal: 1, m/z: 276.0 Type: quant, RT: 16.47

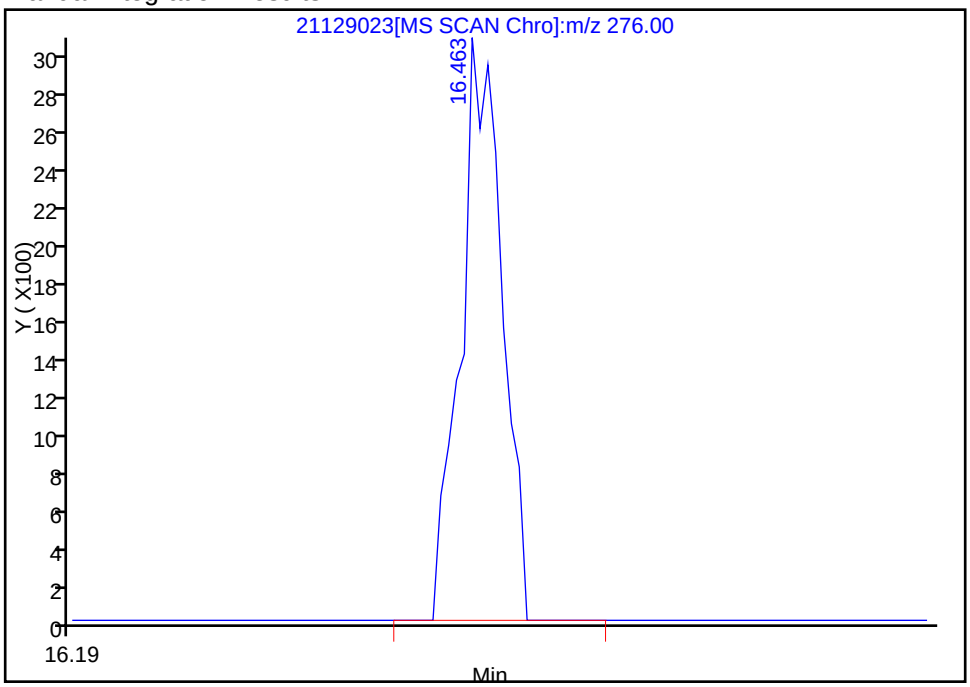
Not Detected
Expected RT: 16.47

Processing Integration Results



Manual Integration Results

RT: 16.46
Response: 5863
Amount: 0.094347



Reviewer: ulmanm, 29-Nov-2012 14:48:55
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: mdll2 Calibration Date: 11/29/2012 14:18

Instrument ID: A4HP9 Calib Start Date: 11/28/2012 14:27

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 11/28/2012 18:11

Lab File ID: 21129025.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
N-Nitrosodimethylamine	Ave	1.288			0.583	0.500		
Pyridine	Ave	2.209			0.587	0.500		
Benzaldehyde	Ave	1.752			0.574	0.500		
Phenol	Ave	2.427			0.532	0.500		
Aniline	Ave	3.058			0.512	0.500		
Bis(2-chloroethyl)ether	Ave	1.907			0.572	0.500		
2-Chlorophenol	Ave	1.421			0.514	0.500		
1,3-Dichlorobenzene	Ave	1.537			0.509	0.500		
1,4-Dichlorobenzene	Ave	1.536			0.529	0.500		
Benzyl alcohol	Ave	1.088			0.488	0.500		
1,2-Dichlorobenzene	Ave	1.435			0.545	0.500		
2-Methylphenol	Ave	1.557			0.457	0.500		
3 & 4 Methylphenol	Ave	1.683			0.473	0.500		
N-Nitrosodi-n-propylamine	Ave	1.572			0.510	0.500		
Acetophenone	Ave	2.490			0.527	0.500		
Hexachloroethane	Ave	0.7041			0.424	0.500		
Nitrobenzene	Ave	0.5932			0.521	0.500		
Isophorone	Ave	1.040			0.503	0.500		
2-Nitrophenol	Qua				0.559	0.500		
2,4-Dimethylphenol	Ave	0.4652			0.502	0.500		
Benzoic acid	Qua				1.00	1.00		
Bis(2-chloroethoxy)methane	Ave	0.5728			0.505	0.500		
2,4-Dichlorophenol	Ave	0.2801			0.493	0.500		
1,2,4-Trichlorobenzene	Ave	0.3521			0.484	0.500		
Hexachlorobutadiene	Ave	0.1886			0.461	0.500		
Caprolactam	Qua				0.685	0.500		
4-Chloro-3-methylphenol	Ave	0.3983			0.473	0.500		
2,4,6-Trichlorophenol	Ave	0.3363			0.413	0.500		
2,4,5-Trichlorophenol	Ave	0.3624			0.412	0.500		
1,1'-Biphenyl	Ave	1.361			0.515	0.500		
2-Chloronaphthalene	Ave	1.067			0.516	0.500		
2-Nitroaniline	Ave	0.4519			0.482	0.500		
Dimethyl phthalate	Ave	1.234			0.462	0.500		
2,6-Dinitrotoluene	Ave	0.2627			0.385	0.500		
3-Nitroaniline	Ave	0.2906			0.456	0.500		
4-Nitrophenol	Qua				0.489	0.500		
2,4-Dinitrotoluene	Ave	0.3485			0.391	0.500		
Dibenzofuran	Ave	1.493			0.481	0.500		
Diethyl phthalate	Ave	1.207			0.474	0.500		
4-Chlorophenyl phenyl ether	Ave	0.6505			0.484	0.500		
4-Nitroaniline	Ave	0.2979			0.432	0.500		

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: mdll2 Calibration Date: 11/29/2012 14:18

Instrument ID: A4HP9 Calib Start Date: 11/28/2012 14:27

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 11/28/2012 18:11

Lab File ID: 21129025.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
N-Nitrosodiphenylamine	Ave	0.5330			0.442	0.500		
1,2-Diphenylhydrazine(as Azobenzene)	Ave	1.186			0.510	0.500		
4-Bromophenyl phenyl ether	Ave	0.2038			0.411	0.500		
Atrazine	Ave	0.1655			0.489	0.500		
Pentachlorophenol	Qua				1.13	1.00		
Carbazole	Ave	0.9777			0.496	0.500		
Di-n-butyl phthalate	Ave	1.210			0.430	0.500		
Benzidine	Qua				0.641	0.500		
Butyl benzyl phthalate	Ave	0.5523			0.415	0.500		
3,3'-Dichlorobenzidine	Ave	0.4363			0.404	0.500		
Bis(2-ethylhexyl) phthalate	Ave	0.7708			0.422	0.500		
Di-n-octyl phthalate	Qua				0.591	0.500		
1,4-Dioxane	Ave	0.9340			0.000800	0.500		
2,4-Dinitrophenol	Qua				0.00240	1.00		
2-Methylnaphthalene	Ave	0.6679			0.000100	0.500		
4,6-Dinitro-2-methylphenol	Qua				0.00240	0.500		
Acenaphthene	Ave	1.054			0.000100	0.500		
Acenaphthylene	Ave	1.633			0.000100	0.500		
Anthracene	Ave	1.096			0.000100	0.500		
Benzo[a]anthracene	Ave	1.191			0.000100	0.500		
Benzo[a]pyrene	Ave	1.232			0.000100	0.500		
Benzo[b]fluoranthene	Ave	1.309			0.000100	0.500		
Benzo[g,h,i]perylene	Ave	1.178			0.000100	0.500		
Benzo[k]fluoranthene	Ave	1.387			0.000100	0.500		
Chrysene	Ave	1.110			0.000100	0.500		
Dibenz(a,h)anthracene	Ave	1.114			0.000100	0.500		
Fluoranthene	Ave	1.246			0.000100	0.500		
Fluorene	Ave	1.270			0.000100	0.500		
Hexachlorobenzene	Ave	0.2097			0.000100	0.500		
Hexachlorocyclopentadiene	Ave	0.2969			0.000800	0.500		
Indeno[1,2,3-cd]pyrene	Ave	1.389			0.000100	0.500		
Naphthalene	Ave	1.007			0.000100	0.500		

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: mdll2 Calibration Date: 11/29/2012 14:18

Instrument ID: A4HP9 Calib Start Date: 11/28/2012 14:27

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 11/28/2012 18:11

Lab File ID: 21129025.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Phenanthrene	Ave	1.122			0.000100	0.500		
Pyrene	Ave	1.361			0.000100	0.500		
2-Fluorophenol (Surr)	Ave	1.609			0.518	0.500	104	35-105
Phenol-d5 (Surr)	Ave	2.233			0.503	0.500	101*	40-100
2,4,6-Tribromophenol (Surr)	Ave	0.1440			0.449	0.500	90	35-125
2-Fluorobiphenyl (Surr)	Ave	1.215			0.000000	0.500	0*	45-105
Nitrobenzene-d5 (Surr)	Ave	0.5627			0.000000	0.500	0*	35-100
Terphenyl-d14 (Surr)	Ave	0.7935			0.000000	0.500	0*	30-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129025.D
Lims ID: mdll2 Client ID:
Inject. Date: 29-Nov-2012 14:18:30 Dil. Factor: 1.0000
Sample Type: LODV
Sample ID: 240-0015370-025
Misc. Info.: MDLL2 =MDLL2
Operator: 001574 Instrument ID: A4HP9
Injection Vol: 1.0 ul ALS Bottle#: 25
Lims Batch ID: 66702 Lims Sample ID: 25
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121129-15370.b\8270 _9.m
Last Update: 30-Nov-2012 08:49:50 Calib Date: 28-Nov-2012 18:11:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121128-15348.b\21127110.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: 5% phenyl Column Dia: 0.18 mm
Process Host: XAWRK030

First Level Reviewer: ulmanm Date: 29-Nov-2012 15:10:04

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.904	5.907	-0.003	85	69976	4.00	
* 2 Naphthalene-d8	136	7.015	7.013	0.002	98	283888	4.00	
* 3 Acenaphthene-d10	164	8.505	8.503	0.002	78	170761	4.00	
* 4 Phenanthrene-d10	188	9.761	9.764	-0.003	78	292660	4.00	
* 5 Chrysene-d12	240	12.303	12.307	-0.004	78	267191	4.00	
* 6 Perylene-d12	264	14.371	14.374	-0.003	92	223183	4.00	
$ 7 2-Fluorophenol	112	4.670	4.662	0.008	59	14586	0.5181	
$ 8 Phenol-d5	99	5.546	5.544	0.002	0	19629	0.5026	
$ 9 Nitrobenzene-d5	82		6.388					
$ 10 2-Fluorobiphenyl (Surr)	172		7.921					
$ 11 2,4,6-Tribromophenol	330	9.168	9.171	-0.003	13	2758	0.4485	
$ 12 Terphenyl-d14	244		11.121					
20 Dimethylformamide	1		0.000					
19 Octachlorostyrene	1		0.000					
22 Bis(2-hydroxyphenyl)methane	1		0.000					
13 Octachlorocyclopentene	1		0.000					
23 2,5-Dichlorophenol	1		0.000					
18 Bis(4-hydroxyphenyl)methane	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
31 2-Picoline	93		2.310					
32 N-Nitrosomethylethylamine	88		2.374					
25 1,4-Dioxane	88		2.520					9
34 Methyl methanesulfonate	80		2.587					
30 3-Picoline	93		2.651					
233 n,n'-Dimethylacetamide	44		2.662					
35 Acrylamide	71		2.744					
36 N-Nitrosodiethylamine	102		2.897					
26 N-Nitrosodimethylamine	74	2.987	2.969	0.018	0	13145	0.5832	M
27 Pyridine	79	3.062	3.027	0.035	0	22686	0.5871	M
37 Ethyl methanesulfonate	79		3.105					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
38 2-Methylcyclohexanone	68		3.292					
39 3-Methylcyclohexanone	69		3.319					
40 4-Methylcyclohexanone	55		3.356					
45 Pentachloroethane	167		3.501					
42 Phenylmercaptan	110		3.596					
28 Ethyl methacrylate	69	3.660	3.658	0.002	48	21452	0.6547	M
232 1-Methyl-2-pyrrilidinone	99		3.880					
56 N-Nitrosopyrrolidine	100		3.992					
59 N-Nitrosomorpholine	56		4.013					
29 3-Chloropropionitrile	54	4.029	4.021	0.008	66	9217	0.6287	M
60 2-Toluidine	106		4.040					
52 Indene	115		4.084					
63 N-Nitrosopiperidine	114		4.254					
33 Malononitrile	66	4.360	4.352	0.008	77	17300	0.4699	
68 o,o',o''-Triethylphosphorothioat	198		4.435					
17 4-Chlorophenol	128		4.500					
24 Catechol	110		4.592					
72 alpha,alpha-Dimethyl phenethylam	58		4.601					
77 2,6-Dichlorophenol	162		4.729					
78 Hexachloropropene	213		4.756					
15 3-Methylcatechol	124		4.913					
83 N-Nitrosodi-n-butylamine	84		4.953					
85 p-Phenylene diamine	108		4.969					
14 4-Methylcatechol	124		5.036					
81 Benzothiazole	135		5.046					
82 Quinoline	129		5.099					
94 Safrole, Total	162		5.119					
91 1,2,4,5-Tetrachlorobenzene	216		5.327					
225 Isosafrole Peak 1	162		5.333					
227 Isosafrole Peak 2	162		5.498					
41 Benzaldehyde	77	5.508	5.512	-0.004	80	17591	0.5741	
43 Phenol	94	5.556	5.560	-0.004	86	22570	0.5315	
44 Aniline	93	5.604	5.602	0.002	82	27400	0.5122	
69 Bis(2-chloroethyl)ether	93	5.658	5.656	0.002	69	19084	0.5720	
103 1,4-Naphthoquinone	158		5.680					
46 2-Chlorophenol	128	5.711	5.709	0.002	74	12778	0.5141	
104 1,4-Dinitrobenzene	168		5.712					
96 3,4-Dichloronitrobenzene	109		5.725					
106 1,3-Dinitrobenzene	168		5.771					
101 Phenyl ether	170		5.773					
47 1,3-Dichlorobenzene	146	5.856	5.853	0.003	76	13684	0.5090	
48 1,4-Dichlorobenzene	146	5.920	5.918	0.002	71	14203	0.5286	
49 Benzyl alcohol	108	6.010	6.014	-0.004	78	9281	0.4876	
50 1,2-Dichlorobenzene	146	6.053	6.056	-0.003	70	13675	0.5448	
115 Pentachlorobenzene	250		6.091					
51 2-Methylphenol	108	6.101	6.099	0.002	80	12440	0.4567	
53 2,2'-oxybis[1-chloropropane]	45	6.133	6.137	-0.004	89	15333	0.5218	
117 1-Naphthylamine	143		6.166					
119 2,3,4,6-Tetrachlorophenol	232		6.203					
120 2-Naphthylamine	143		6.225					
21 3 & 4 Methylphenol	108	6.229	6.233	-0.004	79	13931	0.4731	
57 N-Nitrosodi-n-propylamine	70	6.240	6.243	-0.003	66	14026	0.5101	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
58 Acetophenone	105	6.251	6.249	0.002	80	22943	0.5266	
122 Thionazin	97		6.305					
61 Hexachloroethane	117	6.352	6.356	-0.004	82	5222	0.4240	
124 N-Nitro-o-toluidine	152		6.358					
127 Tributyl phosphate	99		6.379					
62 Nitrobenzene	77	6.400	6.404	-0.004	73	21950	0.5214	
130 Diphenylamine	169		6.428					
134 Sulfotepp	202		6.518					
64 Isophorone	82	6.603	6.607	-0.004	83	37091	0.5027	
135 1,3,5-Trinitrobenzene	213		6.614					
228 Diallate Peak 1	86		6.630					9
138 Phorate	121		6.636					9
137 Phenacetin	108		6.641					9
66 2-Nitrophenol	139	6.678	6.676	0.002	70	5274	0.5590	
67 1,3,5-Trichlorobenzene	180	6.689	6.692	-0.003	84	13723	0.5489	
230 Diallate Peak 2	86		6.695					9
65 2,4-Dimethylphenol	107	6.694	6.697	-0.003	87	16569	0.5018	
71 Benzoic acid	122	6.716	6.756	-0.040	7	3746	1.00	
140 Dimethoate	87		6.764					
70 Bis(2-chloroethoxy)methane	93	6.780	6.783	-0.003	86	20541	0.5053	
73 2,4-Dichlorophenol	162	6.876	6.879	-0.003	74	9797	0.4928	
129 4-Aminobiphenyl	169		6.892					
144 Pronamide	173		6.919					
145 Pentachloronitrobenzene	237		6.919					
74 1,2,4-Trichlorobenzene	180	6.956	6.959	-0.003	68	12093	0.4840	
146 Disulfoton	88		7.010					9
147 Dinoseb	211		7.020					
75 Naphthalene	128		7.034					
76 4-Chloroaniline	127	7.063	7.066	-0.003	83	14738	0.4832	
79 Hexachlorobutadiene	225	7.127	7.130	-0.003	63	6172	0.4612	
80 1,2,3-Trichlorobenzene	180		7.152					
152 Methyl parathion	109		7.282					
84 Caprolactam	113	7.335	7.349	-0.014	62	3643	0.6855	
86 4-Chloro-3-methylphenol	107	7.453	7.456	-0.003	66	13372	0.4730	
155 Ethyl Parathion	97		7.560					
156 4-Nitroquinoline-1-oxide	190		7.613					
153 Diphenylsulfone	125		7.616					
87 2-Methylnaphthalene	142		7.622					
157 Methapyrilene	58		7.645					
88 1-Methylnaphthalene	142		7.702					
90 1,2,3,5-Tetrachlorobenzene	216	7.747	7.745	0.002	79	11975	0.5077	
89 Hexachlorocyclopentadiene	237		7.750					
158 Isodrin	66		7.816					9
92 2,4,6-Trichlorophenol	196	7.848	7.846	0.002	59	5936	0.4135	
93 2,4,5-Trichlorophenol	196	7.875	7.878	-0.003	62	6382	0.4125	
97 2,4-Toluene diamine	121	7.987	7.990	-0.003	82	9958	0.6595	
99 1,2,3,4 -Tetrachlorobenzene	216	7.998	8.001	-0.003	74	12348	0	
98 1,1'-Biphenyl	154	8.008	8.012	-0.004	82	29906	0.5145	
100 2-Chloronaphthalene	162	8.035	8.033	0.002	91	23519	0.5164	
102 2-Nitroaniline	65	8.105	8.108	-0.003	46	9308	0.4824	
226 Aramite Peak 1	185		8.131					
229 Aramite Peak 2	185		8.185					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
105 Dimethyl phthalate	163	8.243	8.247	-0.004	86	24323	0.4618	
163 p-Dimethylamino azobenzene	225		8.276					
164 Chlorobenzilate	139		8.297					
107 2,6-Dinitrotoluene	165	8.302	8.305	-0.003	39	4316	0.3849	
108 1,2-Dinitrobenzene	168	8.350	8.354	-0.004	55	2233	0.3875	
109 Acenaphthylene	152		8.391					
110 3-Nitroaniline	138	8.446	8.450	-0.004	74	5654	0.4557	
167 Famphur	218		8.473					
169 3,3'-Dimethylbenzidine	212		8.516					
111 2,4-Dinitrophenol	184		8.535					M
112 Acenaphthene	153		8.535					
113 4-Nitrophenol	109	8.564	8.567	-0.003	49	3011	0.4890	
114 2,4-Dinitrotoluene	165	8.644	8.647	-0.003	28	5816	0.3909	
116 Dibenzofuran	168	8.676	8.679	-0.003	77	30648	0.4807	
171 2-Acetylaminofluorene	181		8.713					
118 2,3,5,6-Tetrachlorophenol	232		8.733					9
121 Diethyl phthalate	149	8.836	8.840	-0.004	83	24410	0.4736	
123 4-Chlorophenyl phenyl ether	204	8.954	8.957	-0.003	80	13446	0.4842	
125 4-Nitroaniline	138	8.959	8.968	-0.009	70	5492	0.4318	
126 Fluorene	166		8.968					
128 4,6-Dinitro-2-methylphenol	198		8.989					9
131 N-Nitrosodiphenylamine	169	9.050	9.048	0.002	84	17250	0.4423	
132 1,2-Diphenylhydrazine	77	9.088	9.091	-0.003	100	44219	0.5095	
133 Azobenzene	77	9.088	9.091	-0.003	88	44219	0.5095	
176 Hexabromobenzene	232		9.208					
139 4-Bromophenyl phenyl ether	248	9.371	9.374	-0.003	52	6130	0.4110	
141 Hexachlorobenzene	284		9.433					
142 Atrazine	200	9.477	9.481	-0.004	51	5922	0.4889	
179 6-Methylchrysene	242		9.576					
143 Pentachlorophenol	266	9.590	9.593	-0.003	20	4855	1.13	
148 Phenanthrene	178		9.785					
149 Anthracene	178		9.828					
181 7,12-Dimethylbenz(a)anthracene	256		9.856					
150 DFTPP								
151 Carbazole	167	9.948	9.951	-0.003	67	35496	0.4962	
154 Di-n-butyl phthalate	149	10.215	10.213	0.002	93	38062	0.4298	
185 3-Methylcholanthrene	268		10.594					
159 Fluoranthene	202		10.795					
160 Benzidine	184	10.888	10.891	-0.003	66	14604	0.6412	
161 Pyrene	202		11.003					
166 4,4'-DDE	246		11.061					9
165 4,4'-DDD	235		11.430					
168 Butyl benzyl phthalate	149	11.598	11.596	0.002	75	15318	0.4152	
170 4,4'-DDT	235		11.718					
187 Dibenz[a,h]acridine	279		11.729					
186 Dibenz[a,j]acridine	279		11.804					
172 3,3'-Dimethoxybenzidine	244		12.200					9
174 4,4'-Methylene bis(2-chloroanili	231	12.234	12.243	-0.009	10	5583	0.6426	
175 3,3'-Dichlorobenzidine	252	12.239	12.243	-0.004	16	11760	0.4035	
173 Bis(2-ethylhexyl) phthalate	149	12.266	12.269	-0.003	79	21727	0.4220	
177 Benzo[a]anthracene	228		12.296					
178 Chrysene	228		12.344					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
180 Di-n-octyl phthalate	149	13.169	13.177	-0.008	68	29484	0.5911	
182 Benzo[b]fluoranthene	252		13.797					
183 Benzo[k]fluoranthene	252		13.835					
184 Benzo[a]pyrene	252		14.294					9
188 Indeno[1,2,3-cd]pyrene	276		16.030					
189 Dibenz(a,h)anthracene	278		16.057					9
190 Benzo[g,h,i]perylene	276		16.474					
S 191 Methyl Phenols,Total	100				0		0.9299	
S 95 Isosafrole	162		5.568					7
S 136 Diallate	86		6.701					7
S 162 Aramite, Total	185		8.271					7
T 192 Octadecane (TIC)	57		0.000					1
T 195 Hydroquinone TIC	110		0.000					
T 194 Decane TIC	57		0.000					1
T 240 Trimethyl phosphate TIC	110		3.120					1
T 234 2-Isopropylphenol TIC	121		4.623					1
T 236 3-isopropylphenol TIC	121		4.756					1
T 235 4-isopropylphenol TIC	121		4.756					1
T 193 Hexamethylphosphoramide TIC	135		5.100					1
T 237 3-(1,1-Dimethylethyl Phenol) TIC	135		5.110					1
T 196 Kepone TIC	272		8.281					1
T 242 Triphenyl Phosphate TIC	326		8.700					1
T 238 2,3,7,8-TCDD TIC	1		9.000					1
T 231 2,3,7,8-TCDD	322		9.150					1
T 197 Hexachlorophene TIC	198		9.269					1
T 241 Tricresyl phosphate TIC	368		9.372					1
T 239 Tris(2,3-dibromopropyl)phosphate	201		10.600					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

Review Flags
M - Manually Integrated

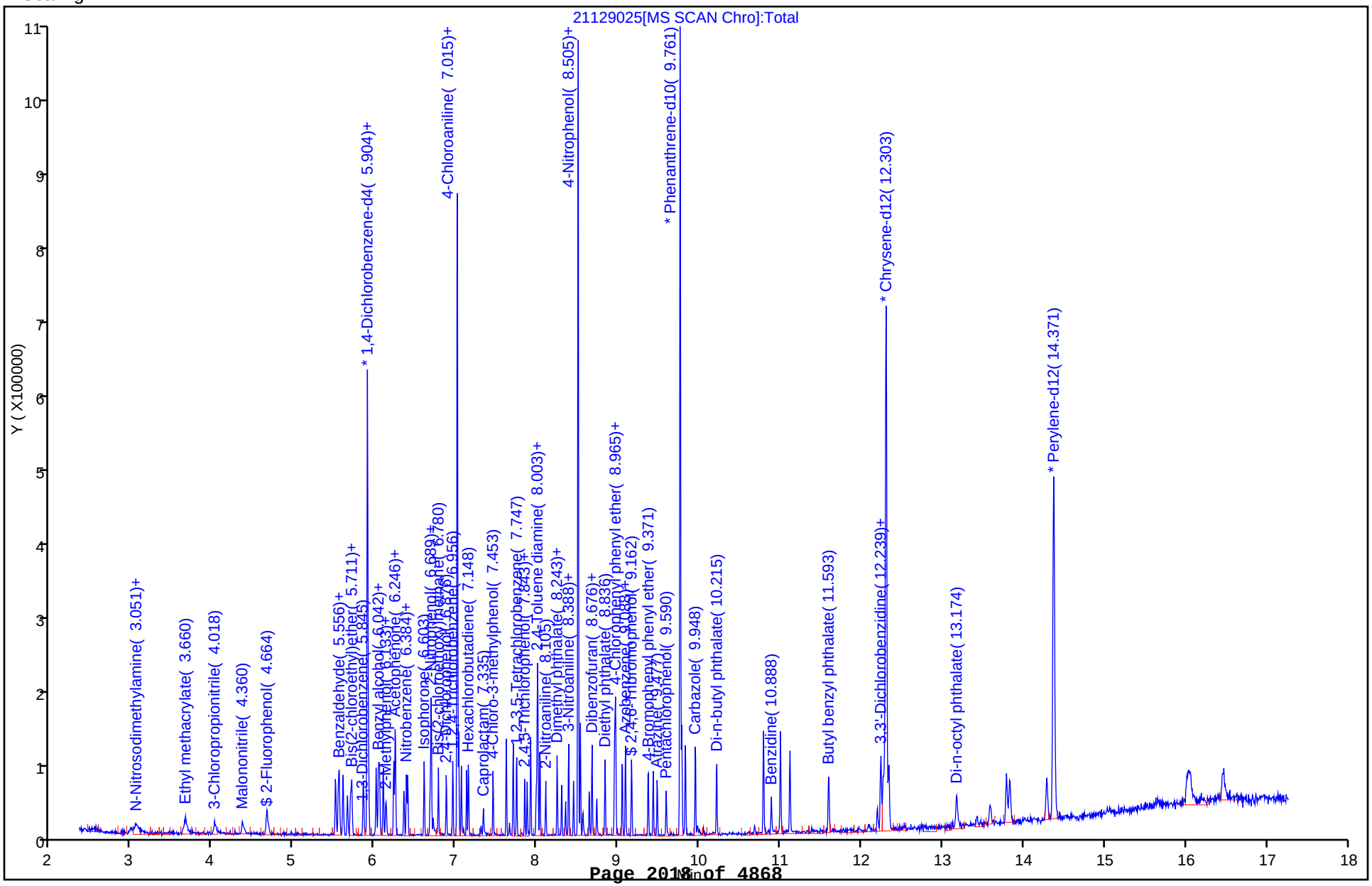
Report Date: 30-Nov-2012 08:49:56 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129025.D

Injection Date:	29-Nov-2012 14:18:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	66702	Lims Sample ID:	25
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



Manual Integration/User Assign Peak Report

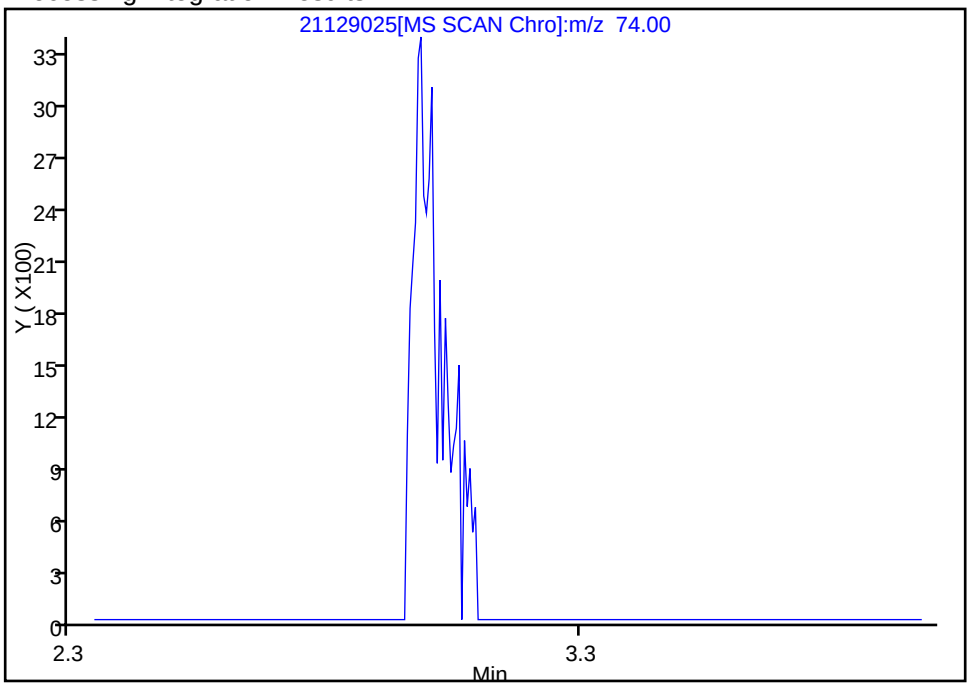
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129025.D		
Injection Date:	29-Nov-2012 14:18:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	66702	Lims Sample ID:	25
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

26 N-Nitrosodimethylamine, Signal: 1, m/z: 74.0 Type: quant, RT: 2.97

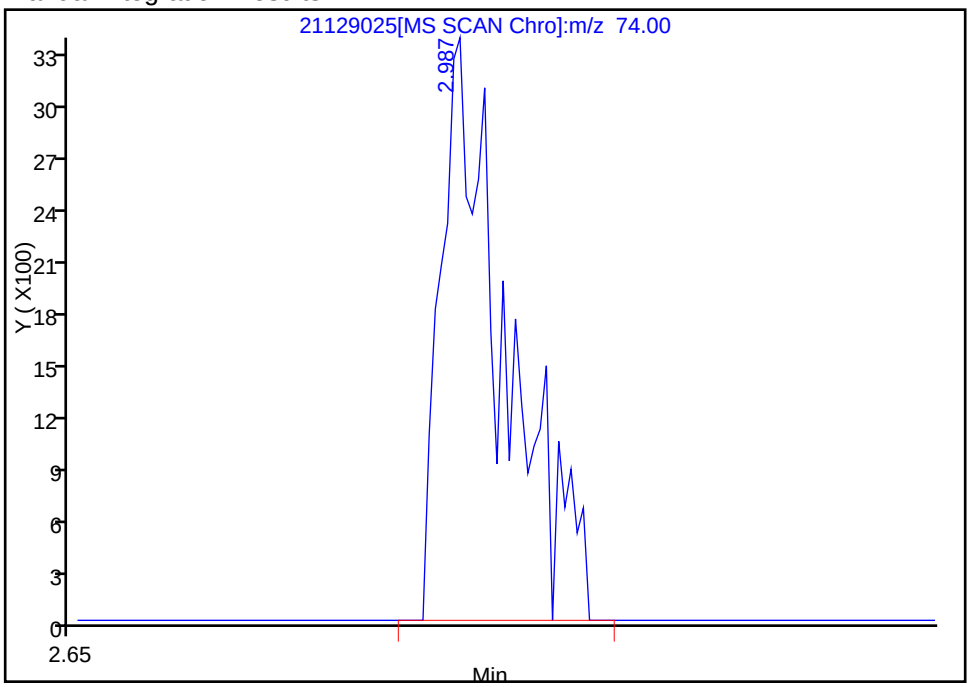
Not Detected
Expected RT: 2.97

Processing Integration Results



Manual Integration Results

RT: 2.99
Response: 13145
Amount: 0.583195



Reviewer: ulmanm, 29-Nov-2012 15:10:04
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

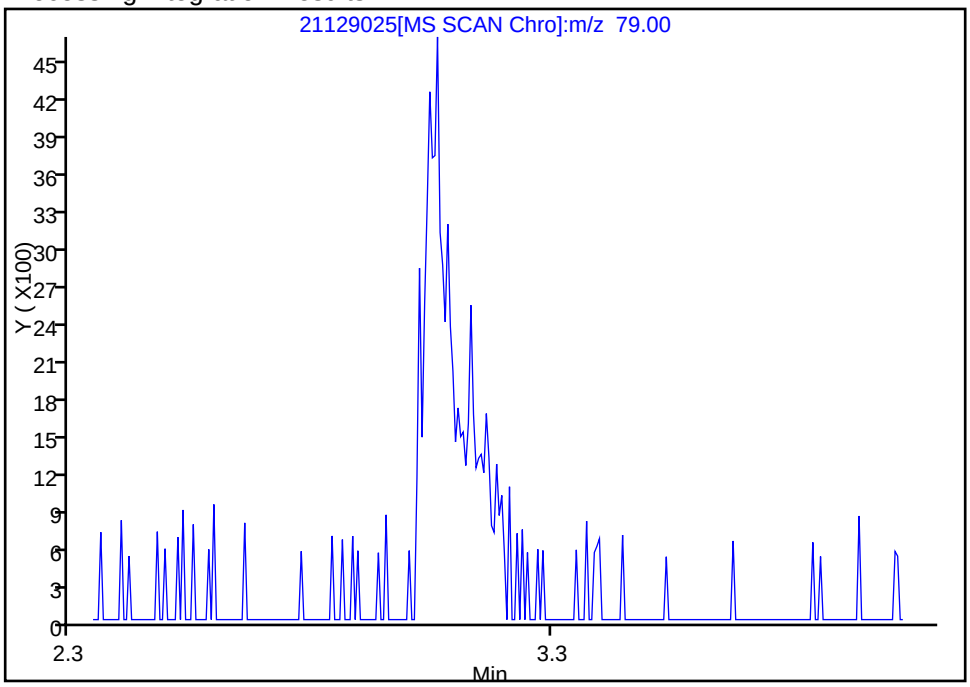
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129025.D		
Injection Date:	29-Nov-2012 14:18:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	66702	Lims Sample ID:	25
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

27 Pyridine, Signal: 1, m/z: 79.0 Type: quant, RT: 3.03

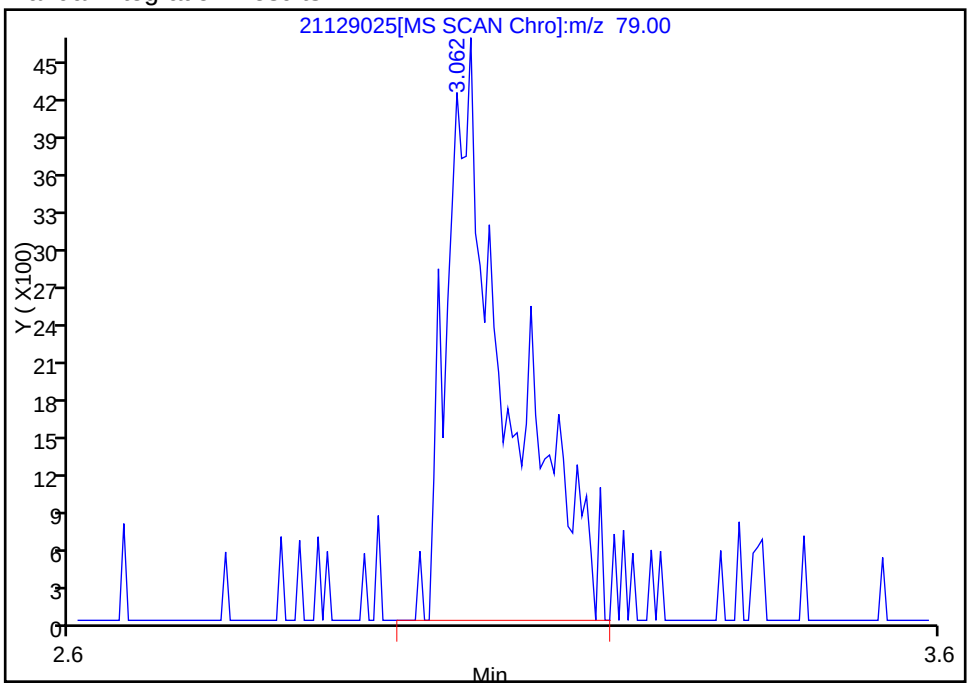
Processing Integration Results

Not Detected
Expected RT: 3.03



Manual Integration Results

RT: 3.06
Response: 22686
Amount: 0.587124



Reviewer: ulmanm, 29-Nov-2012 15:10:04
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: mdll3 Calibration Date: 11/29/2012 14:42

Instrument ID: A4HP9 Calib Start Date: 11/28/2012 14:27

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 11/28/2012 18:11

Lab File ID: 21129026.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.9340			0.499	1.00		
N-Nitrosodimethylamine	Ave	1.288			0.808	1.00		
Benzaldehyde	Ave	1.752			1.07	1.00		
Phenol	Ave	2.427			0.995	1.00		
Aniline	Ave	3.058			0.991	1.00		
Bis(2-chloroethyl)ether	Ave	1.907			1.01	1.00		
2-Chlorophenol	Ave	1.421			0.988	1.00		
1,3-Dichlorobenzene	Ave	1.537			0.942	1.00		
1,4-Dichlorobenzene	Ave	1.536			0.989	1.00		
Benzyl alcohol	Ave	1.088			0.966	1.00		
1,2-Dichlorobenzene	Ave	1.435			1.04	1.00		
2-Methylphenol	Ave	1.557			0.921	1.00		
3 & 4 Methylphenol	Ave	1.683			0.967	1.00		
N-Nitrosodi-n-propylamine	Ave	1.572			0.999	1.00		
Acetophenone	Ave	2.490			0.932	1.00		
Hexachloroethane	Ave	0.7041			0.835	1.00		
Nitrobenzene	Ave	0.5932			1.05	1.00		
Isophorone	Ave	1.040			0.976	1.00		
2-Nitrophenol	Qua				1.15	1.00		
2,4-Dimethylphenol	Ave	0.4652			0.995	1.00		
Benzoic acid	Qua				1.53	2.00		
Bis(2-chloroethoxy)methane	Ave	0.5728			1.04	1.00		
2,4-Dichlorophenol	Ave	0.2801			0.997	1.00		
1,2,4-Trichlorobenzene	Ave	0.3521			0.979	1.00		
Naphthalene	Ave	1.007			0.998	1.00		
Hexachlorobutadiene	Ave	0.1886			0.980	1.00		
Caprolactam	Qua				1.12	1.00		
4-Chloro-3-methylphenol	Ave	0.3983			0.908	1.00		
2-Methylnaphthalene	Ave	0.6679			1.02	1.00		
Hexachlorocyclopentadiene	Ave	0.2969			0.301	1.00		
2,4,6-Trichlorophenol	Ave	0.3363			0.925	1.00		
2,4,5-Trichlorophenol	Ave	0.3624			0.975	1.00		
1,1'-Biphenyl	Ave	1.361			1.02	1.00		
2-Chloronaphthalene	Ave	1.067			0.981	1.00		
2-Nitroaniline	Ave	0.4519			0.962	1.00		
Dimethyl phthalate	Ave	1.234			0.979	1.00		
2,6-Dinitrotoluene	Ave	0.2627			0.947	1.00		
Acenaphthylene	Ave	1.633			1.03	1.00		
3-Nitroaniline	Ave	0.2906			1.04	1.00		
2,4-Dinitrophenol	Qua				2.60	2.00		
Acenaphthene	Ave	1.054			1.07	1.00		

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: mdll3 Calibration Date: 11/29/2012 14:42

Instrument ID: A4HP9 Calib Start Date: 11/28/2012 14:27

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 11/28/2012 18:11

Lab File ID: 21129026.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Nitrophenol	Qua				0.900	1.00		
2,4-Dinitrotoluene	Ave	0.3485			0.924	1.00		
Dibenzofuran	Ave	1.493			1.06	1.00		
Diethyl phthalate	Ave	1.207			0.969	1.00		
4-Chlorophenyl phenyl ether	Ave	0.6505			0.964	1.00		
4-Nitroaniline	Ave	0.2979			1.02	1.00		
Fluorene	Ave	1.270			1.01	1.00		
4,6-Dinitro-2-methylphenol	Qua				0.946	1.00		
N-Nitrosodiphenylamine	Ave	0.5330			0.903	1.00		
1,2-Diphenylhydrazine(as Azobenzene)	Ave	1.186			0.979	1.00		
4-Bromophenyl phenyl ether	Ave	0.2038			0.994	1.00		
Hexachlorobenzene	Ave	0.2097			1.00	1.00		
Atrazine	Ave	0.1655			1.03	1.00		
Pentachlorophenol	Qua				1.96	2.00		
Phenanthrene	Ave	1.122			0.978	1.00		
Anthracene	Ave	1.096			0.994	1.00		
Carbazole	Ave	0.9777			0.974	1.00		
Di-n-butyl phthalate	Ave	1.210			0.868	1.00		
Fluoranthene	Ave	1.246			0.966	1.00		
Benzidine	Qua				1.08	1.00		
Pyrene	Ave	1.361			0.949	1.00		
Butyl benzyl phthalate	Ave	0.5523			0.806	1.00		
3,3'-Dichlorobenzidine	Ave	0.4363			0.857	1.00		
Bis(2-ethylhexyl) phthalate	Ave	0.7708			0.843	1.00		
Benzo[a]anthracene	Ave	1.191			0.960	1.00		
Chrysene	Ave	1.110			0.961	1.00		
Di-n-octyl phthalate	Qua				0.909	1.00		
Benzo[b]fluoranthene	Ave	1.309			0.854	1.00		
Benzo[k]fluoranthene	Ave	1.387			0.931	1.00		
Benzo[a]pyrene	Ave	1.232			0.828	1.00		
Indeno[1,2,3-cd]pyrene	Ave	1.389			0.835	1.00		
Benzo[g,h,i]perylene	Ave	1.178			0.828	1.00		
Dibenz(a,h)anthracene	Ave	1.114			0.000100	1.00		
Pyridine	Ave	2.209			0.000800	1.00		
2-Fluorophenol (Surr)	Ave	1.609			0.968	1.00	97	35-105
Phenol-d5 (Surr)	Ave	2.233			0.987	1.00	99	40-100
Nitrobenzene-d5 (Surr)	Ave	0.5627			1.07	1.00	107*	35-100
2-Fluorobiphenyl (Surr)	Ave	1.215			1.00	1.00	100	45-105
2,4,6-Tribromophenol (Surr)	Ave	0.1440			0.849	1.00	85	35-125

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: mdll3 Calibration Date: 11/29/2012 14:42

Instrument ID: A4HP9 Calib Start Date: 11/28/2012 14:27

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 11/28/2012 18:11

Lab File ID: 21129026.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%REC	%REC LIMITS
Terphenyl-d14 (Surr)	Ave	0.7935			0.896	1.00	90	30-125

Report Date: 30-Nov-2012 08:49:57 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129026.D
Lims ID: mdll3 Client ID:
Inject. Date: 29-Nov-2012 14:42:30 Dil. Factor: 1.0000
Sample Type: LODV
Sample ID: 240-0015370-026
Misc. Info.: MDLL3 =MDLL3
Operator: 001574 Instrument ID: A4HP9
Injection Vol: 1.0 ul ALS Bottle#: 26
Lims Batch ID: 66702 Lims Sample ID: 26
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121129-15370.b\8270 _9.m
Last Update: 30-Nov-2012 08:49:50 Calib Date: 28-Nov-2012 18:11:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121128-15348.b\21127110.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: 5% phenyl Column Dia: 0.18 mm
Process Host: XAWRK030

First Level Reviewer: ulmanm Date: 29-Nov-2012 15:20:44

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.904	5.907	-0.003	88	81242	4.00	
* 2 Naphthalene-d8	136	7.010	7.013	-0.003	98	308052	4.00	
* 3 Acenaphthene-d10	164	8.500	8.503	-0.003	77	181597	4.00	
* 4 Phenanthrene-d10	188	9.761	9.764	-0.003	97	315521	4.00	
* 5 Chrysene-d12	240	12.304	12.307	-0.003	77	306757	4.00	
* 6 Perylene-d12	264	14.366	14.374	-0.008	97	262184	4.00	
$ 7 2-Fluorophenol	112	4.665	4.662	0.003	72	31642	0.9680	
$ 8 Phenol-d5	99	5.546	5.544	0.002	0	44741	0.9867	
$ 9 Nitrobenzene-d5	82	6.385	6.388	-0.003	79	46278	1.07	
$ 10 2-Fluorobiphenyl (Surr)	172	7.918	7.921	-0.003	96	55296	1.00	
$ 11 2,4,6-Tribromophenol	330	9.168	9.171	-0.003	54	5549	0.8485	
$ 12 Terphenyl-d14	244	11.118	11.121	-0.003	92	54531	0.8961	
20 Dimethylformamide	1		0.000					
19 Octachlorostyrene	1		0.000					
22 Bis(2-hydroxyphenyl)methane	1		0.000					
13 Octachlorocyclopentene	1		0.000					
23 2,5-Dichlorophenol	1		0.000					
18 Bis(4-hydroxyphenyl)methane	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
31 2-Picoline	93		2.310					
32 N-Nitrosomethylethylamine	88		2.374					
25 1,4-Dioxane	88	2.512	2.520	-0.008	75	9469	0.4992	
34 Methyl methanesulfonate	80		2.587					
30 3-Picoline	93		2.651					
233 n,n'-Dimethylacetamide	44		2.662					
35 Acrylamide	71		2.744					
36 N-Nitrosodiethylamine	102		2.897					
26 N-Nitrosodimethylamine	74	2.987	2.969	0.018	64	21146	0.8081	
27 Pyridine	79		3.027					2
37 Ethyl methanesulfonate	79		3.105					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
38 2-Methylcyclohexanone	68		3.292					
39 3-Methylcyclohexanone	69		3.319					
40 4-Methylcyclohexanone	55		3.356					
45 Pentachloroethane	167		3.501					
42 Phenylmercaptan	110		3.596					
28 Ethyl methacrylate	69	3.660	3.658	0.002	70	34663	0.9112	
232 1-Methyl-2-pyrrilidinone	99		3.880					
56 N-Nitrosopyrrolidine	100		3.992					
59 N-Nitrosomorpholine	56		4.013					
29 3-Chloropropionitrile	54	4.018	4.021	-0.003	74	14621	0.8590	
60 2-Toluidine	106		4.040					
52 Indene	115		4.084					
63 N-Nitrosopiperidine	114		4.254					
33 Malononitrile	66	4.360	4.352	0.008	88	38770	0.9071	
68 o,o',o''-Triethylphosphorothioat	198		4.435					
17 4-Chlorophenol	128		4.500					
24 Catechol	110		4.592					
72 alpha,alpha-Dimethyl phenethylam	58		4.601					
77 2,6-Dichlorophenol	162		4.729					
78 Hexachloropropene	213		4.756					
15 3-Methylcatechol	124		4.913					
83 N-Nitrosodi-n-butylamine	84		4.953					9
85 p-Phenylene diamine	108		4.969					
14 4-Methylcatechol	124		5.036					
81 Benzothiazole	135		5.046					
82 Quinoline	129		5.099					
94 Safrole, Total	162		5.119					
91 1,2,4,5-Tetrachlorobenzene	216		5.327					
225 Isosafrole Peak 1	162		5.333					
227 Isosafrole Peak 2	162		5.498					
41 Benzaldehyde	77	5.509	5.512	-0.003	87	38026	1.07	
43 Phenol	94	5.557	5.560	-0.003	93	49055	1.00	
44 Aniline	93	5.605	5.602	0.003	96	61574	0.99	
69 Bis(2-chloroethyl)ether	93	5.658	5.656	0.002	84	39006	1.01	
103 1,4-Naphthoquinone	158		5.680					
46 2-Chlorophenol	128	5.712	5.709	0.003	83	28519	0.9882	
104 1,4-Dinitrobenzene	168		5.712					
96 3,4-Dichloronitrobenzene	109		5.725					
106 1,3-Dinitrobenzene	168		5.771					
101 Phenyl ether	170		5.773					
47 1,3-Dichlorobenzene	146	5.856	5.853	0.003	86	29404	0.9421	
48 1,4-Dichlorobenzene	146	5.920	5.918	0.002	75	30853	0.9890	
49 Benzyl alcohol	108	6.011	6.014	-0.003	85	21348	0.9661	
50 1,2-Dichlorobenzene	146	6.054	6.056	-0.002	76	30231	1.04	
115 Pentachlorobenzene	250		6.091					
51 2-Methylphenol	108	6.102	6.099	0.003	89	29123	0.9209	
53 2,2'-oxybis[1-chloropropane]	45	6.134	6.137	-0.003	94	34733	1.02	
117 1-Naphthylamine	143		6.166					
119 2,3,4,6-Tetrachlorophenol	232		6.203					
120 2-Naphthylamine	143		6.225					
21 3 & 4 Methylphenol	108	6.230	6.233	-0.003	88	33050	0.9668	
57 N-Nitrosodi-n-propylamine	70	6.241	6.243	-0.002	72	31900	1.00	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
58 Acetophenone	105	6.246	6.249	-0.003	85	47153	0.9323	
122 Thionazin	97		6.305					
61 Hexachloroethane	117	6.353	6.356	-0.003	91	11941	0.8350	
124 N-Nitro-o-toluidine	152		6.358					
127 Tributyl phosphate	99		6.379					
62 Nitrobenzene	77	6.401	6.404	-0.003	71	47779	1.05	
130 Diphenylamine	169		6.428					
134 Sulfotepp	202		6.518					
64 Isophorone	82	6.604	6.607	-0.003	96	78147	0.9760	
135 1,3,5-Trinitrobenzene	213		6.614					
228 Diallate Peak 1	86		6.630					9
138 Phorate	121		6.636					9
137 Phenacetin	108		6.641					9
66 2-Nitrophenol	139	6.679	6.676	0.003	83	13873	1.15	
67 1,3,5-Trichlorobenzene	180	6.689	6.692	-0.003	85	27231	1.00	
230 Diallate Peak 2	86		6.695					9
65 2,4-Dimethylphenol	107	6.695	6.697	-0.002	91	35649	1.00	
71 Benzoic acid	122	6.716	6.756	-0.040	71	11796	1.53	
140 Dimethoate	87		6.764					9
70 Bis(2-chloroethoxy)methane	93	6.780	6.783	-0.003	94	45838	1.04	
73 2,4-Dichlorophenol	162	6.876	6.879	-0.003	94	21506	1.00	
129 4-Aminobiphenyl	169		6.892					
144 Pronamide	173		6.919					
145 Pentachloronitrobenzene	237		6.919					
74 1,2,4-Trichlorobenzene	180	6.956	6.959	-0.003	80	26551	0.9793	
146 Disulfoton	88		7.010					9
147 Dinoseb	211		7.020					
75 Naphthalene	128	7.031	7.034	-0.003	79	77433	1.00	
76 4-Chloroaniline	127	7.063	7.066	-0.003	77	32176	0.9722	
79 Hexachlorobutadiene	225	7.127	7.130	-0.003	80	14228	0.9797	
80 1,2,3-Trichlorobenzene	180	7.149	7.152	-0.003	82	24395	0	
152 Methyl parathion	109		7.282					
84 Caprolactam	113	7.336	7.349	-0.013	72	8155	1.12	
86 4-Chloro-3-methylphenol	107	7.453	7.456	-0.003	78	27857	0.9081	
155 Ethyl Parathion	97		7.560					
156 4-Nitroquinoline-1-oxide	190		7.613					
153 Diphenylsulfone	125		7.616					
87 2-Methylnaphthalene	142	7.619	7.622	-0.003	83	52558	1.02	
157 Methapyrilene	58		7.645					
88 1-Methylnaphthalene	142	7.704	7.702	0.002	76	47453	0.9621	
90 1,2,3,5-Tetrachlorobenzene	216	7.742	7.745	-0.003	91	25487	1.02	
89 Hexachlorocyclopentadiene	237	7.747	7.750	-0.003	30	4052	0.3006	
158 Isodrin	66		7.816					9
92 2,4,6-Trichlorophenol	196	7.843	7.846	-0.003	73	14116	0.9245	
93 2,4,5-Trichlorophenol	196	7.875	7.878	-0.003	86	16050	0.9754	
97 2,4-Toluene diamine	121	7.987	7.990	-0.003	91	19915	1.22	
99 1,2,3,4 -Tetrachlorobenzene	216	7.998	8.001	-0.003	84	23648	0	
98 1,1'-Biphenyl	154	8.003	8.012	-0.009	94	62808	1.02	
100 2-Chloronaphthalene	162	8.030	8.033	-0.003	96	47503	0.9808	
102 2-Nitroaniline	65	8.100	8.108	-0.008	58	19729	0.9616	
226 Aramite Peak 1	185		8.131					
229 Aramite Peak 2	185		8.185					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
105 Dimethyl phthalate	163	8.244	8.247	-0.003	92	54817	0.9786	
163 p-Dimethylamino azobenzene	225		8.276					
164 Chlorobenzilate	139		8.297					
107 2,6-Dinitrotoluene	165	8.303	8.305	-0.002	69	11288	0.9465	
108 1,2-Dinitrobenzene	168	8.351	8.354	-0.003	65	5200	0.8486	
109 Acenaphthylene	152	8.383	8.391	-0.008	84	76273	1.03	
110 3-Nitroaniline	138	8.447	8.450	-0.003	87	13738	1.04	
167 Famphur	218		8.473					
169 3,3'-Dimethylbenzidine	212		8.516					
111 2,4-Dinitrophenol	184	8.532	8.535	-0.003	25	1630	2.60	
112 Acenaphthene	153	8.532	8.535	-0.003	88	51383	1.07	
113 4-Nitrophenol	109	8.559	8.567	-0.008	79	7496	0.8996	
114 2,4-Dinitrotoluene	165	8.639	8.647	-0.008	69	14614	0.9236	
116 Dibenzofuran	168	8.677	8.679	-0.002	81	71583	1.06	
171 2-Acetylaminofluorene	181		8.713					
118 2,3,5,6-Tetrachlorophenol	232	8.730	8.733	-0.003	78	10989	1.01	
121 Diethyl phthalate	149	8.837	8.840	-0.003	91	53121	0.9692	
123 4-Chlorophenyl phenyl ether	204	8.954	8.957	-0.003	89	28482	0.9644	
125 4-Nitroaniline	138	8.960	8.968	-0.008	78	13752	1.02	
126 Fluorene	166	8.965	8.968	-0.003	70	58472	1.01	
128 4,6-Dinitro-2-methylphenol	198	8.986	8.989	-0.003	11	2283	0.9458	
131 N-Nitrosodiphenylamine	169	9.045	9.048	-0.003	94	37984	0.9034	
132 1,2-Diphenylhydrazine	77	9.088	9.091	-0.003	99	91637	0.9794	
133 Azobenzene	77	9.088	9.091	-0.003	93	91637	0.9794	
176 Hexabromobenzene	232		9.208					
139 4-Bromophenyl phenyl ether	248	9.371	9.374	-0.003	64	15988	0.99	
141 Hexachlorobenzene	284	9.430	9.433	-0.003	78	16624	1.00	
142 Atrazine	200	9.478	9.481	-0.003	57	13432	1.03	
179 6-Methylchrysene	242		9.576					
143 Pentachlorophenol	266	9.590	9.593	-0.003	72	14714	1.96	
148 Phenanthrene	178	9.782	9.785	-0.003	95	86625	0.9784	
149 Anthracene	178	9.825	9.828	-0.003	85	85944	0.99	
181 7,12-Dimethylbenz(a)anthracene	256		9.856					
150 DFTPP								
151 Carbazole	167	9.948	9.951	-0.003	83	75118	0.9740	
154 Di-n-butyl phthalate	149	10.210	10.213	-0.003	97	82912	0.8684	
185 3-Methylcholanthrene	268		10.594					
159 Fluoranthene	202	10.792	10.795	-0.003	78	94920	0.9657	
160 Benzidine	184	10.888	10.891	-0.003	88	41698	1.08	
161 Pyrene	202	11.000	11.003	-0.003	95	99111	0.9494	
166 4,4'-DDE	246		11.061					9
165 4,4'-DDD	235		11.430					
168 Butyl benzyl phthalate	149	11.593	11.596	-0.003	80	34133	0.8058	
170 4,4'-DDT	235		11.718					
187 Dibenz[a,h]acridine	279		11.729					
186 Dibenz[a,j]acridine	279		11.804					
172 3,3'-Dimethoxybenzidine	244		12.200					9
174 4,4'-Methylene bis(2-chloroanili	231	12.234	12.243	-0.009	56	13208	1.00	
175 3,3'-Dichlorobenzidine	252	12.234	12.243	-0.009	56	28689	0.8574	
173 Bis(2-ethylhexyl) phthalate	149	12.266	12.269	-0.003	85	49817	0.8427	
177 Benzo[a]anthracene	228	12.288	12.296	-0.008	84	87647	0.9595	
178 Chrysene	228	12.336	12.344	-0.008	83	81799	0.9612	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
180 Di-n-octyl phthalate	149	13.175	13.177	-0.002	89	67966	0.9088	
182 Benzo[b]fluoranthene	252	13.784	13.797	-0.013	83	73317	0.8542	
183 Benzo[k]fluoranthene	252	13.826	13.835	-0.009	79	84621	0.9308	
184 Benzo[a]pyrene	252	14.286	14.294	-0.008	68	66838	0.8276	
188 Indeno[1,2,3-cd]pyrene	276	16.011	16.030	-0.019	84	75963	0.8347	
189 Dibenz(a,h)anthracene	278		16.057					9
190 Benzo[g,h,i]perylene	276	16.455	16.474	-0.019	68	63878	0.8275	
S 191 Methyl Phenols,Total	100				0		1.89	
S 95 Isosafrole	162		5.568					7
S 136 Diallate	86		6.701					7
S 162 Aramite, Total	185		8.271					7
T 192 Octadecane (TIC)	57		0.000					1
T 195 Hydroquinone TIC	110	7.304	0.0	7.304	72	8788	0	
T 194 Decane TIC	57		0.000					1
T 240 Trimethyl phosphate TIC	110		3.120					1
T 234 2-Isopropylphenol TIC	121		4.623					1
T 236 3-isopropylphenol TIC	121		4.756					1
T 235 4-isopropylphenol TIC	121		4.756					1
T 193 Hexamethylphosphoramide TIC	135		5.100					1
T 237 3-(1,1-Dimethylethyl Phenol) TIC	135		5.110					1
T 196 Kepone TIC	272		8.281					
T 242 Triphenyl Phosphate TIC	326		8.700					1
T 238 2,3,7,8-TCDD TIC	1		9.000					1
T 231 2,3,7,8-TCDD	322		9.150					1
T 197 Hexachlorophene TIC	198		9.269					1
T 241 Tricresyl phosphate TIC	368		9.372					1
T 239 Tris(2,3-dibromopropyl)phosphate	201		10.600					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
2 - Failed Coelution Test
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

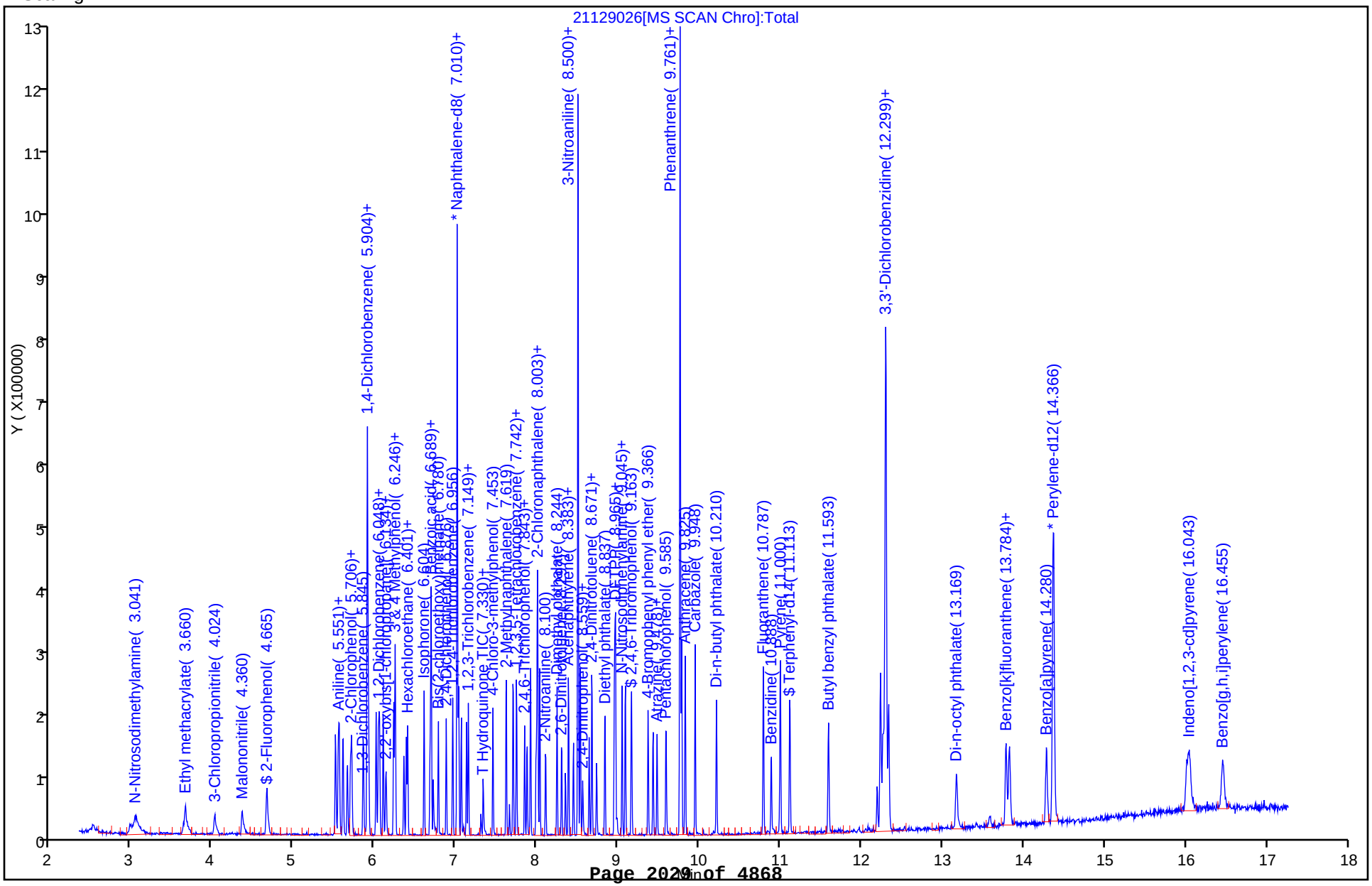
Report Date: 30-Nov-2012 08:49:57 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129026.D

Injection Date:	29-Nov-2012 14:42:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	66702	Lims Sample ID:	26
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: mdll1 B Calibration Date: 11/29/2012 17:58

Instrument ID: A4HP9 Calib Start Date: 11/28/2012 14:27

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 11/28/2012 18:11

Lab File ID: 21129022.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Naphthalene	Ave	1.007			0.102	0.100		
2-Methylnaphthalene	Ave	0.6679			0.103	0.100		
1,1'-Biphenyl	Ave	1.361			0.115	0.100		
2-Chloronaphthalene	Ave	1.067			0.109	0.100		
Acenaphthylene	Ave	1.633			0.103	0.100		
Acenaphthene	Ave	1.054			0.0931	0.100		
Dibenzofuran	Ave	1.493			0.102	0.100		
Fluorene	Ave	1.270			0.0967	0.100		
Hexachlorobenzene	Ave	0.2097			0.105	0.100		
Phenanthrene	Ave	1.122			0.112	0.100		
Anthracene	Ave	1.096			0.111	0.100		
Fluoranthene	Ave	1.246			0.110	0.100		
Pyrene	Ave	1.361			0.139	0.100		
Benzo[a]anthracene	Ave	1.191			0.116	0.100		
Chrysene	Ave	1.110			0.118	0.100		
Benzo[b]fluoranthene	Ave	1.309			0.116	0.100		
Benzo[k]fluoranthene	Ave	1.387			0.122	0.100		
Benzo[a]pyrene	Ave	1.232			0.123	0.100		
Indeno[1,2,3-cd]pyrene	Ave	1.389			0.0778	0.100		
Dibenz(a,h)anthracene	Ave	1.114			0.0677	0.100		
Benzo[g,h,i]perylene	Ave	1.178			0.0809	0.100		
1,2,4-Trichlorobenzene	Ave	0.3521			0.000800	0.100		
1,2-Dichlorobenzene	Ave	1.435			0.000800	0.100		
1,2-Diphenylhydrazine(as Azobenzene)	Ave	1.186			0.000800	0.100		
1,3-Dichlorobenzene	Ave	1.537			0.000800	0.100		
1,4-Dichlorobenzene	Ave	1.536			0.000800	0.100		
1,4-Dioxane	Ave	0.9340			0.000800	0.100		
2,4,5-Trichlorophenol	Ave	0.3624			0.000800	0.100		
2,4,6-Trichlorophenol	Ave	0.3363			0.000800	0.100		
2,4-Dichlorophenol	Ave	0.2801			0.000800	0.100		
2,4-Dimethylphenol	Ave	0.4652			0.000800	0.100		
2,4-Dinitrophenol	Qua				0.00240	0.200		
2,4-Dinitrotoluene	Ave	0.3485			0.000800	0.100		
2,6-Dinitrotoluene	Ave	0.2627			0.000800	0.100		
2-Chlorophenol	Ave	1.421			0.000800	0.100		

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: mdll1 B Calibration Date: 11/29/2012 17:58

Instrument ID: A4HP9 Calib Start Date: 11/28/2012 14:27

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 11/28/2012 18:11

Lab File ID: 21129022.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Methylphenol	Ave	1.557			0.000800	0.100		
2-Nitroaniline	Ave	0.4519			0.000800	0.100		
2-Nitrophenol	Qua				0.000800	0.100		
3 & 4 Methylphenol	Ave	1.683			0.000800	0.100		
3,3'-Dichlorobenzidine	Ave	0.4363			0.000800	0.100		
3-Nitroaniline	Ave	0.2906			0.000800	0.100		
4,6-Dinitro-2-methylphenol	Qua				0.00240	0.100		
4-Bromophenyl phenyl ether	Ave	0.2038			0.000800	0.100		
4-Chloro-3-methylphenol	Ave	0.3983			0.000800	0.100		
4-Chlorophenyl phenyl ether	Ave	0.6505			0.000800	0.100		
4-Nitroaniline	Ave	0.2979			0.000800	0.100		
4-Nitrophenol	Qua				0.00240	0.100		
Acetophenone	Ave	2.490			0.000800	0.100		
Aniline	Ave	3.058			0.00240	0.100		
Atrazine	Ave	0.1655			0.000800	0.100		
Benzaldehyde	Ave	1.752			0.000800	0.100		
Benzidine	Qua				0.00240	0.100		
Benzoic acid	Qua				0.0100	0.200		
Benzyl alcohol	Ave	1.088			0.000800	0.100		
Bis(2-chloroethoxy)methane	Ave	0.5728			0.000800	0.100		
Bis(2-chloroethyl)ether	Ave	1.907			0.000100	0.100		
Bis(2-ethylhexyl) phthalate	Ave	0.7708			0.000800	0.100		
Butyl benzyl phthalate	Ave	0.5523			0.000800	0.100		
Caprolactam	Qua				0.000800	0.100		
Carbazole	Ave	0.9777			0.000800	0.100		
Diethyl phthalate	Ave	1.207			0.000800	0.100		
Dimethyl phthalate	Ave	1.234			0.000800	0.100		
Di-n-butyl phthalate	Ave	1.210			0.000800	0.100		
Di-n-octyl phthalate	Qua				0.000800	0.100		
Hexachlorobutadiene	Ave	0.1886			0.000800	0.100		

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: mdll1 B Calibration Date: 11/29/2012 17:58

Instrument ID: A4HP9 Calib Start Date: 11/28/2012 14:27

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 11/28/2012 18:11

Lab File ID: 21129022.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Hexachlorocyclopentadiene	Ave	0.2969			0.000800	0.100		
Hexachloroethane	Ave	0.7041			0.000800	0.100		
Isophorone	Ave	1.040			0.000800	0.100		
Nitrobenzene	Ave	0.5932			0.000100	0.100		
N-Nitrosodimethylamine	Ave	1.288			0.000800	0.100		
N-Nitrosodi-n-propylamine	Ave	1.572			0.000800	0.100		
N-Nitrosodiphenylamine	Ave	0.5330			0.000800	0.100		
Pentachlorophenol	Qua				0.00240	0.200		
Phenol	Ave	2.427			0.000800	0.100		
Pyridine	Ave	2.209			0.000800	0.100		
Nitrobenzene-d5 (Surr)	Ave	0.5627			0.111	0.100	111*	35-100
2-Fluorobiphenyl (Surr)	Ave	1.215			0.0948	0.100	95	45-105
Terphenyl-d14 (Surr)	Ave	0.7935			0.145	0.100	145*	30-125
2,4,6-Tribromophenol (Surr)	Ave	0.1440			0.000000	0.100	0*	35-125
2-Fluorophenol (Surr)	Ave	1.609			0.000000	0.100	0*	35-105
Phenol-d5 (Surr)	Ave	2.233			0.000000	0.100	0*	40-100

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129022.D
Lims ID: mdll1 B
Client ID:
Inject. Date: 29-Nov-2012 17:58:30
Dil. Factor: 1.0000
Sample Type: LODV
Sample ID: 240-0015370-022
Misc. Info.: MDLL1 B =MDLL1 B
Operator: 001574
Instrument ID: A4HP9
Injection Vol: 1.0 ul
ALS Bottle#: 22
Lims Batch ID: 66702
Lims Sample ID: 22
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121129-15370.b\8270 _9.m
Last Update: 03-Dec-2012 12:29:58
Calib Date: 28-Nov-2012 18:11:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121128-15348.b\21127110.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: 5% phenyl
Column Dia: 0.18 mm
Process Host: CORP-CTX-18

First Level Reviewer: ulmanm
Date: 30-Nov-2012 07:54:50

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.904	5.907	-0.003	91	88180	4.00	
* 2 Naphthalene-d8	136	7.015	7.013	0.002	97	344287	4.00	
* 3 Acenaphthene-d10	164	8.506	8.503	0.003	81	211263	4.00	
* 4 Phenanthrene-d10	188	9.766	9.764	0.002	94	345264	4.00	
* 5 Chrysene-d12	240	12.309	12.307	0.002	78	313083	4.00	
* 6 Perylene-d12	264	14.377	14.374	0.003	95	209118	4.00	
$ 7 2-Fluorophenol	112		4.662					9
$ 8 Phenol-d5	99		5.544					
$ 9 Nitrobenzene-d5	82	6.385	6.388	-0.003	28	5371	0.1109	
$ 10 2-Fluorobiphenyl (Surr)	172	7.923	7.921	0.002	30	6083	0.0948	
$ 11 2,4,6-Tribromophenol	330		9.171					9
$ 12 Terphenyl-d14	244	11.123	11.121	0.002	5	8994	0.1448	
20 Dimethylformamide	1		0.000					
13 Octachlorocyclopentene	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
18 Bis(4-hydroxyphenyl)methane	1		0.000					
22 Bis(2-hydroxyphenyl)methane	1		0.000					
19 Octachlorostyrene	1		0.000					
23 2,5-Dichlorophenol	1		0.000					
31 2-Picoline	93		2.310					
32 N-Nitrosomethylethylamine	88		2.374					
25 1,4-Dioxane	88		2.520					9
34 Methyl methanesulfonate	80		2.587					
30 3-Picoline	93		2.651					
233 n,n'-Dimethylacetamide	44		2.662					
35 Acrylamide	71		2.744					
36 N-Nitrosodiethylamine	102		2.897					
26 N-Nitrosodimethylamine	74		2.969					9
27 Pyridine	79		3.027					9
37 Ethyl methanesulfonate	79		3.105					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
38 2-Methylcyclohexanone	68		3.292					
39 3-Methylcyclohexanone	69		3.319					
40 4-Methylcyclohexanone	55		3.356					
45 Pentachloroethane	167		3.501					
42 Phenylmercaptan	110		3.596					
28 Ethyl methacrylate	69		3.658					
232 1-Methyl-2-pyrrilidinone	99		3.880					
56 N-Nitrosopyrrolidine	100		3.992					
59 N-Nitrosomorpholine	56		4.013					
29 3-Chloropropionitrile	54		4.021					9
60 2-Toluidine	106		4.040					
52 Indene	115		4.084					
63 N-Nitrosopiperidine	114		4.254					
33 Malononitrile	66		4.352					
68 o,o',o''-Triethylphosphorothioat	198		4.435					
17 4-Chlorophenol	128		4.500					
24 Catechol	110		4.592					
72 alpha,alpha-Dimethyl phenethylam	58		4.601					
77 2,6-Dichlorophenol	162		4.729					
78 Hexachloropropene	213		4.756					
15 3-Methylcatechol	124		4.913					
83 N-Nitrosodi-n-butylamine	84		4.953					
85 p-Phenylene diamine	108		4.969					
14 4-Methylcatechol	124		5.036					
81 Benzothiazole	135		5.046					
82 Quinoline	129		5.099					
94 Safrole, Total	162		5.119					
91 1,2,4,5-Tetrachlorobenzene	216		5.327					
225 Isosafrole Peak 1	162		5.333					
227 Isosafrole Peak 2	162		5.498					
41 Benzaldehyde	77		5.512					
43 Phenol	94		5.560					9
44 Aniline	93		5.602					
69 Bis(2-chloroethyl)ether	93		5.656					
103 1,4-Naphthoquinone	158		5.680					
46 2-Chlorophenol	128		5.709					9
104 1,4-Dinitrobenzene	168		5.712					
96 3,4-Dichloronitrobenzene	109		5.725					
106 1,3-Dinitrobenzene	168		5.771					
101 Phenyl ether	170		5.773					
47 1,3-Dichlorobenzene	146		5.853					9
48 1,4-Dichlorobenzene	146		5.918					9
49 Benzyl alcohol	108		6.014					9
50 1,2-Dichlorobenzene	146		6.056					9
115 Pentachlorobenzene	250		6.091					
51 2-Methylphenol	108		6.099					9
53 2,2'-oxybis[1-chloropropane]	45		6.137					
117 1-Naphthylamine	143		6.166					
119 2,3,4,6-Tetrachlorophenol	232		6.203					
120 2-Naphthylamine	143		6.225					
21 3 & 4 Methylphenol	108		6.233					9
57 N-Nitrosodi-n-propylamine	70		6.243					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
58 Acetophenone	105		6.249					
122 Thionazin	97		6.305					
61 Hexachloroethane	117		6.356					
124 N-Nitro-o-toluidine	152		6.358					
127 Tributyl phosphate	99		6.379					
62 Nitrobenzene	77		6.404					9
130 Diphenylamine	169		6.428					
134 Sulfotepp	202		6.518					
64 Isophorone	82		6.607					
135 1,3,5-Trinitrobenzene	213		6.614					
228 Diallate Peak 1	86		6.630					
138 Phorate	121		6.636					9
137 Phenacetin	108		6.641					
66 2-Nitrophenol	139		6.676					9
67 1,3,5-Trichlorobenzene	180		6.692					9
230 Diallate Peak 2	86		6.695					
65 2,4-Dimethylphenol	107		6.697					9
71 Benzoic acid	122		6.756					9
140 Dimethoate	87		6.764					
70 Bis(2-chloroethoxy)methane	93		6.783					
73 2,4-Dichlorophenol	162		6.879					9
129 4-Aminobiphenyl	169		6.892					
144 Pronamide	173		6.919					
145 Pentachloronitrobenzene	237		6.919					
74 1,2,4-Trichlorobenzene	180		6.959					9
146 Disulfoton	88		7.010					9
147 Dinoseb	211		7.020					
75 Naphthalene	128	7.031	7.034	-0.003	28	8813	0.1017	
76 4-Chloroaniline	127		7.066					9
79 Hexachlorobutadiene	225		7.130					9
80 1,2,3-Trichlorobenzene	180		7.152					9
152 Methyl parathion	109		7.282					
84 Caprolactam	113		7.349					
86 4-Chloro-3-methylphenol	107		7.456					9
155 Ethyl Parathion	97		7.560					
156 4-Nitroquinoline-1-oxide	190		7.613					
153 Diphenylsulfone	125		7.616					
87 2-Methylnaphthalene	142	7.619	7.622	-0.003	40	5939	0.1033	
157 Methapyrilene	58		7.645					
88 1-Methylnaphthalene	142	7.704	7.702	0.002	41	5357	0.0972	
90 1,2,3,5-Tetrachlorobenzene	216		7.745					9
89 Hexachlorocyclopentadiene	237		7.750					
158 Isodrin	66		7.816					
92 2,4,6-Trichlorophenol	196		7.846					9
93 2,4,5-Trichlorophenol	196		7.878					9
97 2,4-Toluene diamine	121		7.990					9
99 1,2,3,4 -Tetrachlorobenzene	216		8.001					9
98 1,1'-Biphenyl	154	8.009	8.012	-0.003	69	8297	0.1154	
100 2-Chloronaphthalene	162	8.036	8.033	0.003	47	6129	0.1088	
102 2-Nitroaniline	65		8.108					9
226 Aramite Peak 1	185		8.131					
229 Aramite Peak 2	185		8.185					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
105 Dimethyl phthalate	163		8.247					
163 p-Dimethylamino azobenzene	225		8.276					
164 Chlorobenzilate	139		8.297					
107 2,6-Dinitrotoluene	165		8.305					9
108 1,2-Dinitrobenzene	168		8.354					9
109 Acenaphthylene	152	8.388	8.391	-0.003	67	8879	0.1030	
110 3-Nitroaniline	138		8.450					9
167 Famphur	218		8.473					
169 3,3'-Dimethylbenzidine	212		8.516					
111 2,4-Dinitrophenol	184		8.535					
112 Acenaphthene	153	8.532	8.535	-0.003	65	5187	0.0931	
113 4-Nitrophenol	109		8.567					9
114 2,4-Dinitrotoluene	165		8.647					9
116 Dibenzofuran	168	8.682	8.679	0.003	63	8026	0.1018	
171 2-Acetylaminofluorene	181		8.713					
118 2,3,5,6-Tetrachlorophenol	232		8.733					9
121 Diethyl phthalate	149		8.840					
123 4-Chlorophenyl phenyl ether	204		8.957					9
125 4-Nitroaniline	138		8.968					
126 Fluorene	166	8.970	8.968	0.002	66	6486	0.0967	
128 4,6-Dinitro-2-methylphenol	198		8.989					
131 N-Nitrosodiphenylamine	169		9.048					9
132 1,2-Diphenylhydrazine	77		9.091					
133 Azobenzene	77		9.091					
176 Hexabromobenzene	232		9.208					
139 4-Bromophenyl phenyl ether	248		9.374					9
141 Hexachlorobenzene	284	9.435	9.433	0.002	1	1902	0.1051	
142 Atrazine	200		9.481					9
179 6-Methylchrysene	242		9.576					
143 Pentachlorophenol	266		9.593					
148 Phenanthrene	178	9.788	9.785	0.003	15	10824	0.1117	
149 Anthracene	178	9.831	9.828	0.003	54	10465	0.1106	
181 7,12-Dimethylbenz(a)anthracene	256		9.856					
150 DFTPP								
151 Carbazole	167		9.951					
154 Di-n-butyl phthalate	149		10.213					
185 3-Methylcholanthrene	268		10.594					
159 Fluoranthene	202	10.797	10.795	0.002	66	11782	0.1095	
160 Benzidine	184		10.891					9
161 Pyrene	202	11.006	11.003	0.003	88	14782	0.1387	
166 4,4'-DDE	246		11.061					
165 4,4'-DDD	235		11.430					
168 Butyl benzyl phthalate	149		11.596					
170 4,4'-DDT	235		11.718					
187 Dibenz[a,h]acridine	279		11.729					
186 Dibenz[a,j]acridine	279		11.804					
172 3,3'-Dimethoxybenzidine	244		12.200					9
174 4,4'-Methylene bis(2-chloroanili	231		12.243					9
175 3,3'-Dichlorobenzidine	252		12.243					9
173 Bis(2-ethylhexyl) phthalate	149		12.269					
177 Benzo[a]anthracene	228	12.293	12.296	-0.003	15	10847	0.1164	
178 Chrysene	228	12.341	12.344	-0.003	52	10248	0.1180	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
180 Di-n-octyl phthalate	149		13.177					
182 Benzo[b]fluoranthene	252	13.794	13.797	-0.003	60	7974	0.1165	
183 Benzo[k]fluoranthene	252	13.832	13.835	-0.003	55	8815	0.1216	
184 Benzo[a]pyrene	252	14.291	14.294	-0.003	39	7894	0.1226	
188 Indeno[1,2,3-cd]pyrene	276	16.017	16.030	-0.013	0	5644	0.0778	M
189 Dibenz(a,h)anthracene	278	16.070	16.057	0.013	0	3946	0.0677	M
190 Benzo[g,h,i]perylene	276	16.476	16.474	0.002	0	4980	0.0809	M
S 191 Methyl Phenols,Total	100		0.000					7
S 95 Isosafrole	162		5.568					7
S 136 Diallate	86		6.701					7
S 162 Aramite, Total	185		8.271					7
T 192 Octadecane (TIC)	57		0.000					
T 195 Hydroquinone TIC	110		0.000					1
T 194 Decane TIC	57		0.000					1
T 240 Trimethyl phosphate TIC	110		3.120					1
T 234 2-Isopropylphenol TIC	121		4.623					1
T 236 3-isopropylphenol TIC	121		4.756					1
T 235 4-isopropylphenol TIC	121		4.756					1
T 193 Hexamethylphosphoramide TIC	135		5.100					1
T 237 3-(1,1-Dimethylethyl Phenol) TIC	135		5.110					1
T 196 Kepone TIC	272		8.281					1
T 242 Triphenyl Phosphate TIC	326		8.700					1
T 238 2,3,7,8-TCDD TIC	1		9.000					1
T 231 2,3,7,8-TCDD	322		9.150					1
T 197 Hexachlorophene TIC	198		9.269					1
T 241 Tricresyl phosphate TIC	368		9.372					1
T 239 Tris(2,3-dibromopropyl)phosphate	201		10.600					

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

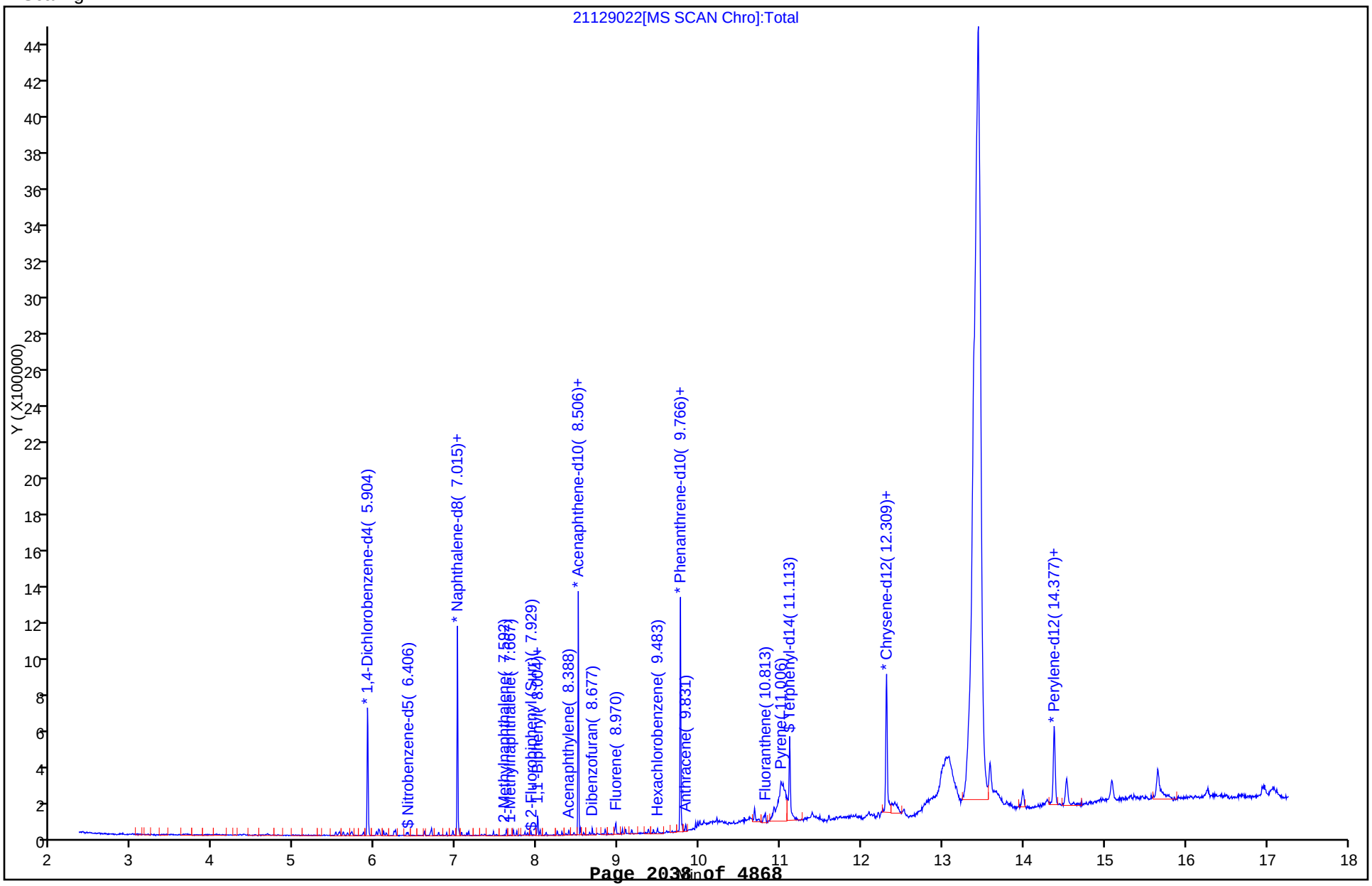
Review Flags
M - Manually Integrated

Report Date: 03-Dec-2012 12:30:03 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129022.D		
Injection Date:	29-Nov-2012 17:58:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	66702	Lims Sample ID:	22
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



Manual Integration/User Assign Peak Report

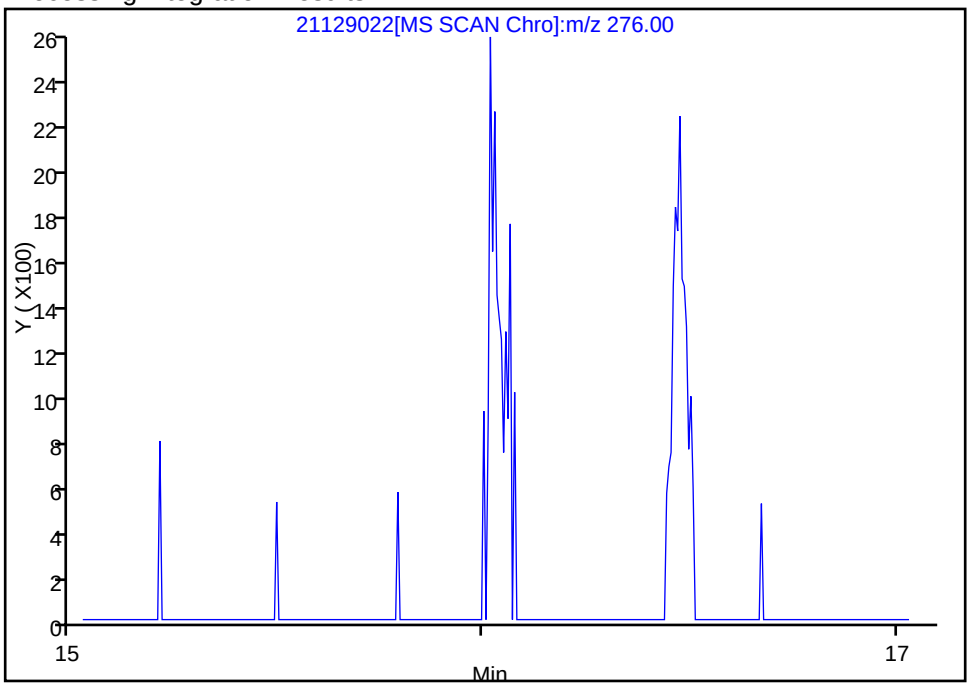
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129022.D		
Injection Date:	29-Nov-2012 17:58:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	66702	Lims Sample ID:	22
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

188 Indeno[1,2,3-cd]pyrene, Signal: 1, m/z: 276.0 Type: quant, RT: 16.03

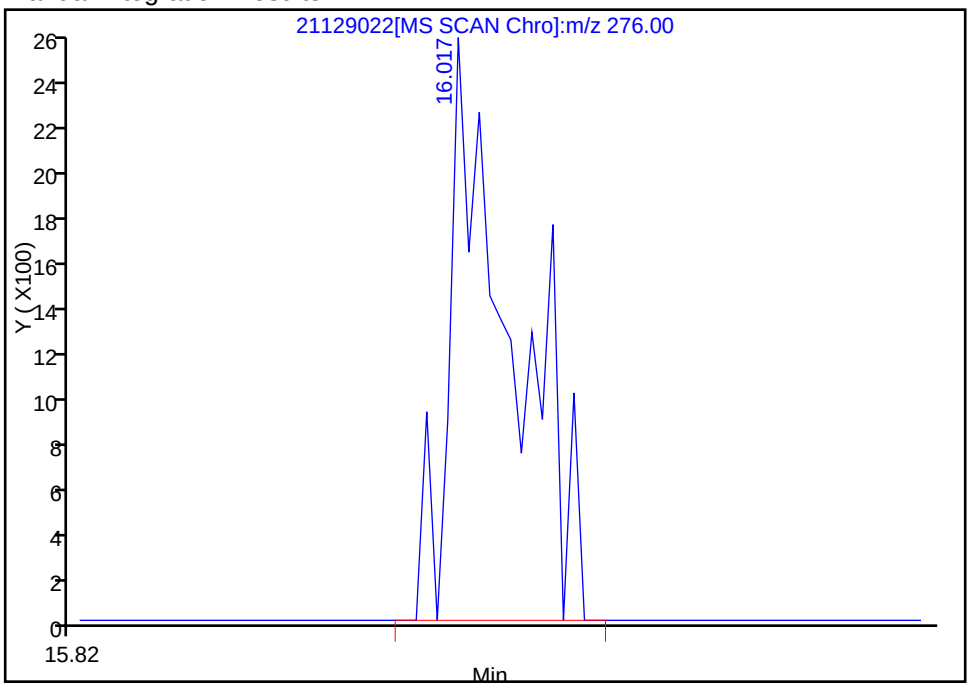
Processing Integration Results

Not Detected
Expected RT: 16.03



Manual Integration Results

RT: 16.02
Response: 5644
Amount: 0.077751



Reviewer: ulmanm, 30-Nov-2012 07:54:50
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

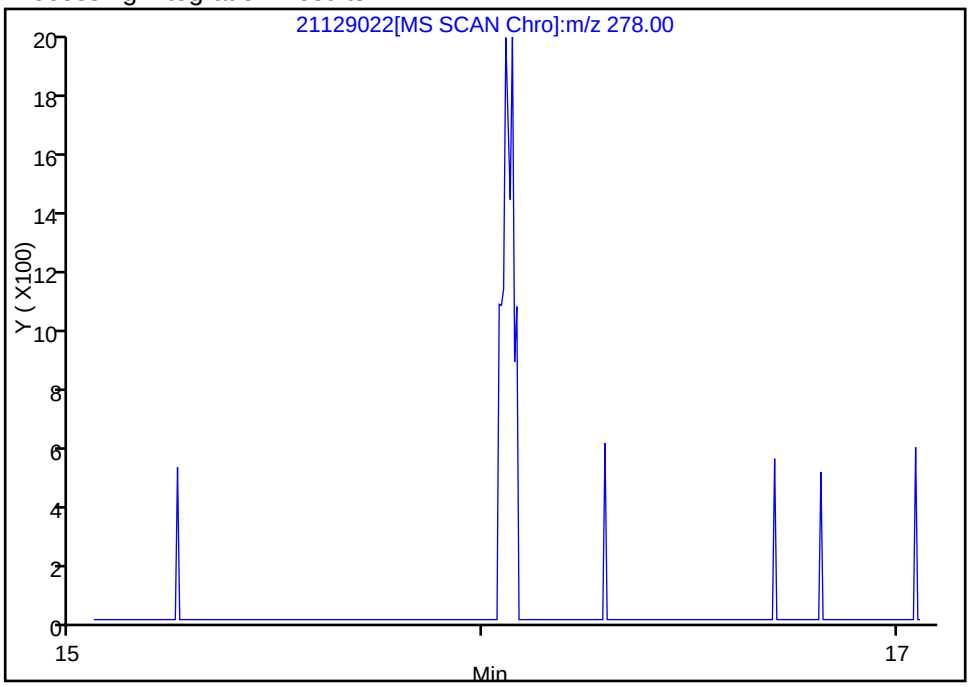
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129022.D		
Injection Date:	29-Nov-2012 17:58:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	66702	Lims Sample ID:	22
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

189 Dibenz(a,h)anthracene, Signal: 1, m/z: 278.0 Type: quant, RT: 16.06

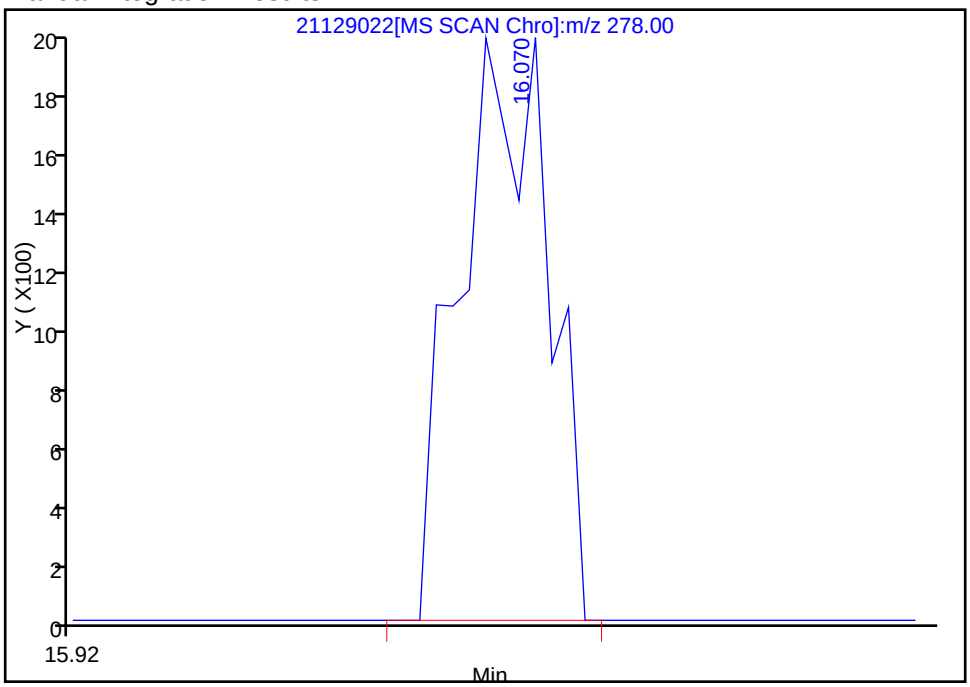
Processing Integration Results

Not Detected
Expected RT: 16.06



Manual Integration Results

RT: 16.07
Response: 3946
Amount: 0.067743



Reviewer: ulmanm, 30-Nov-2012 07:54:50
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

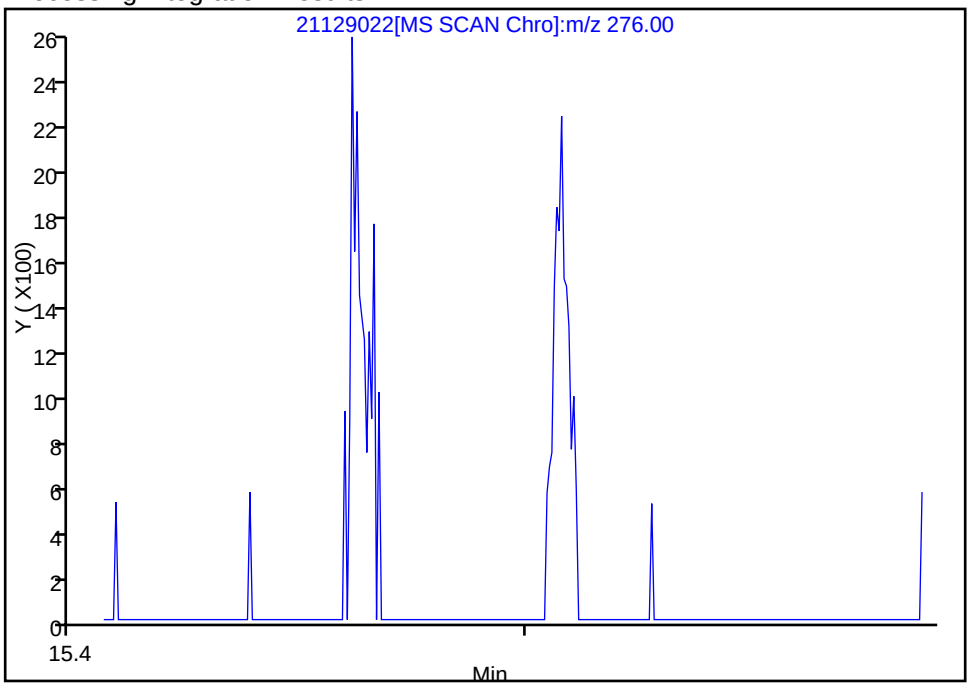
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129022.D		
Injection Date:	29-Nov-2012 17:58:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	66702	Lims Sample ID:	22
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

190 Benzo[g,h,i]perylene, Signal: 1, m/z: 276.0 Type: quant, RT: 16.47

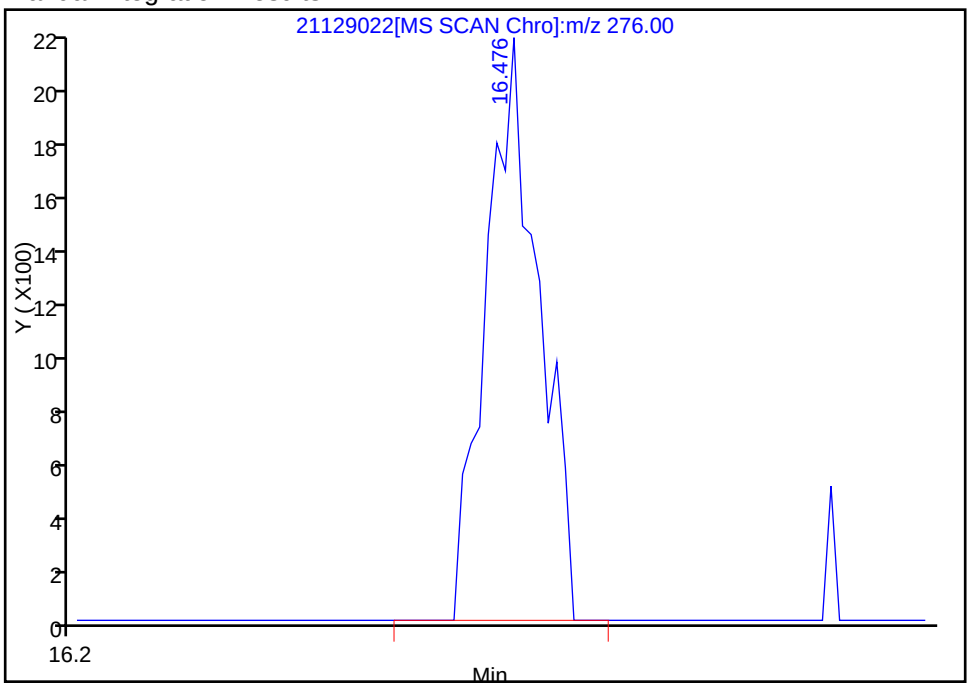
Processing Integration Results

Not Detected
Expected RT: 16.47



Manual Integration Results

RT: 16.48
Response: 4980
Amount: 0.080885



Reviewer: ulmanm, 30-Nov-2012 07:54:50
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: mdll2 B Calibration Date: 11/29/2012 18:22

Instrument ID: A4HP9 Calib Start Date: 11/28/2012 14:27

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 11/28/2012 18:11

Lab File ID: 21129027.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.9340			0.391	0.500		
N-Nitrosodimethylamine	Ave	1.288			0.421	0.500		
Pyridine	Ave	2.209			0.604	0.500		
Benzaldehyde	Ave	1.752			0.593	0.500		
Phenol	Ave	2.427			0.505	0.500		
Aniline	Ave	3.058			0.490	0.500		
Bis(2-chloroethyl)ether	Ave	1.907			0.505	0.500		
2-Chlorophenol	Ave	1.421			0.494	0.500		
1,3-Dichlorobenzene	Ave	1.537			0.507	0.500		
1,4-Dichlorobenzene	Ave	1.536			0.501	0.500		
Benzyl alcohol	Ave	1.088			0.494	0.500		
1,2-Dichlorobenzene	Ave	1.435			0.511	0.500		
2-Methylphenol	Ave	1.557			0.460	0.500		
3 & 4 Methylphenol	Ave	1.683			0.489	0.500		
N-Nitrosodi-n-propylamine	Ave	1.572			0.513	0.500		
Acetophenone	Ave	2.490			0.519	0.500		
Hexachloroethane	Ave	0.7041			0.0834	0.500		
Nitrobenzene	Ave	0.5932			0.551	0.500		
Isophorone	Ave	1.040			0.489	0.500		
2-Nitrophenol	Qua				0.670	0.500		
2,4-Dimethylphenol	Ave	0.4652			0.550	0.500		
Benzoic acid	Qua				0.950	1.00		
Bis(2-chloroethoxy)methane	Ave	0.5728			0.510	0.500		
2,4-Dichlorophenol	Ave	0.2801			0.525	0.500		
1,2,4-Trichlorobenzene	Ave	0.3521			0.481	0.500		
Hexachlorobutadiene	Ave	0.1886			0.451	0.500		
Caprolactam	Qua				0.604	0.500		
4-Chloro-3-methylphenol	Ave	0.3983			0.453	0.500		
2,4,6-Trichlorophenol	Ave	0.3363			0.498	0.500		
2,4,5-Trichlorophenol	Ave	0.3624			0.374	0.500		
2-Nitroaniline	Ave	0.4519			0.499	0.500		
Dimethyl phthalate	Ave	1.234			0.465	0.500		
2,6-Dinitrotoluene	Ave	0.2627			0.450	0.500		
3-Nitroaniline	Ave	0.2906			0.442	0.500		
4-Nitrophenol	Qua				0.507	0.500		
2,4-Dinitrotoluene	Ave	0.3485			0.377	0.500		
Dibenzofuran	Ave	1.493			0.493	0.500		
Diethyl phthalate	Ave	1.207			0.463	0.500		
4-Chlorophenyl phenyl ether	Ave	0.6505			0.478	0.500		
4-Nitroaniline	Ave	0.2979			0.435	0.500		
N-Nitrosodiphenylamine	Ave	0.5330			0.500	0.500		

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: mdll2 B Calibration Date: 11/29/2012 18:22

Instrument ID: A4HP9 Calib Start Date: 11/28/2012 14:27

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 11/28/2012 18:11

Lab File ID: 21129027.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Diphenylhydrazine(as Azobenzene)	Ave	1.186			0.475	0.500		
4-Bromophenyl phenyl ether	Ave	0.2038			0.519	0.500		
Hexachlorobenzene	Ave	0.2097			0.518	0.500		
Atrazine	Ave	0.1655			0.571	0.500		
Carbazole	Ave	0.9777			0.501	0.500		
Di-n-butyl phthalate	Ave	1.210			0.482	0.500		
Benzidine	Qua				0.674	0.500		
Butyl benzyl phthalate	Ave	0.5523			0.528	0.500		
3,3'-Dichlorobenzidine	Ave	0.4363			0.464	0.500		
Bis(2-ethylhexyl) phthalate	Ave	0.7708			0.538	0.500		
Di-n-octyl phthalate	Qua				0.884	0.500		
1,1'-Biphenyl	Ave	1.361			0.000800	0.500		
2,4-Dinitrophenol	Qua				0.00240	1.00		
2-Chloronaphthalene	Ave	1.067			0.000100	0.500		
2-Methylnaphthalene	Ave	0.6679			0.000100	0.500		
4,6-Dinitro-2-methylphenol	Qua				0.00240	0.500		
Acenaphthene	Ave	1.054			0.000100	0.500		
Acenaphthylene	Ave	1.633			0.000100	0.500		
Anthracene	Ave	1.096			0.000100	0.500		
Benzo[a]anthracene	Ave	1.191			0.000100	0.500		
Benzo[a]pyrene	Ave	1.232			0.000100	0.500		
Benzo[b]fluoranthene	Ave	1.309			0.000100	0.500		
Benzo[g,h,i]perylene	Ave	1.178			0.000100	0.500		
Benzo[k]fluoranthene	Ave	1.387			0.000100	0.500		
Chrysene	Ave	1.110			0.000100	0.500		
Dibenz(a,h)anthracene	Ave	1.114			0.000100	0.500		
Fluoranthene	Ave	1.246			0.000100	0.500		
Fluorene	Ave	1.270			0.000100	0.500		
Hexachlorocyclopentadiene	Ave	0.2969			0.000800	0.500		
Indeno[1,2,3-cd]pyrene	Ave	1.389			0.000100	0.500		
Naphthalene	Ave	1.007			0.000100	0.500		
Pentachlorophenol	Qua				0.00240	1.00		

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: mdll2 B Calibration Date: 11/29/2012 18:22

Instrument ID: A4HP9 Calib Start Date: 11/28/2012 14:27

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 11/28/2012 18:11

Lab File ID: 21129027.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Phenanthrene	Ave	1.122			0.000100	0.500		
Pyrene	Ave	1.361			0.000100	0.500		
2-Fluorophenol (Surr)	Ave	1.609			0.468	0.500	94	35-105
Phenol-d5 (Surr)	Ave	2.233			0.511	0.500	102*	40-100
2,4,6-Tribromophenol (Surr)	Ave	0.1440			0.407	0.500	81	35-125
2-Fluorobiphenyl (Surr)	Ave	1.215			0.000000	0.500	0*	45-105
Nitrobenzene-d5 (Surr)	Ave	0.5627			0.000000	0.500	0*	35-100
Terphenyl-d14 (Surr)	Ave	0.7935			0.000000	0.500	0*	30-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129027.D
Lims ID: mdll2 B
Client ID:
Inject. Date: 29-Nov-2012 18:22:30
Dil. Factor: 1.0000
Sample Type: LODV
Sample ID: 240-0015370-027
Misc. Info.: MDLL2 B =MDLL2 B
Operator: 001574
Instrument ID: A4HP9
Injection Vol: 1.0 ul
ALS Bottle#: 27
Lims Batch ID: 66702
Lims Sample ID: 27
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121129-15370.b\8270 _9.m
Last Update: 17-Dec-2012 14:55:32
Calib Date: 28-Nov-2012 18:11:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121128-15348.b\21127110.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: 5% phenyl
Column Dia: 0.18 mm
Process Host: CORP-CTX-18

First Level Reviewer: ulmanm
Date: 30-Nov-2012 07:58:18

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.907	5.907	0.0	91	90083	4.00	
* 2 Naphthalene-d8	136	7.013	7.013	0.0	98	343937	4.00	
* 3 Acenaphthene-d10	164	8.509	8.503	0.005	77	213613	4.00	
* 4 Phenanthrene-d10	188	9.764	9.764	0.0	94	349911	4.00	
* 5 Chrysene-d12	240	12.307	12.307	0.0	75	321855	4.00	
* 6 Perylene-d12	264	14.380	14.374	0.006	95	209588	4.00	
$ 7 2-Fluorophenol	112	4.668	4.662	0.006	67	16962	0.4680	
$ 8 Phenol-d5	99	5.549	5.544	0.005	0	25715	0.5115	
$ 9 Nitrobenzene-d5	82		6.388					
$ 10 2-Fluorobiphenyl (Surr)	172		7.921					
$ 11 2,4,6-Tribromophenol	330	9.171	9.171	0.0	26	3134	0.4074	
$ 12 Terphenyl-d14	244		11.121					
20 Dimethylformamide	1		0.000					
18 Bis(4-hydroxyphenyl)methane	1		0.000					
23 2,5-Dichlorophenol	1		0.000					
19 Octachlorostyrene	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
13 Octachlorocyclopentene	1		0.000					
22 Bis(2-hydroxyphenyl)methane	1		0.000					
31 2-Picoline	93		2.310					9
32 N-Nitrosomethylethylamine	88		2.374					
25 1,4-Dioxane	88	2.525	2.520	0.005	16	8221	0.3908	
34 Methyl methanesulfonate	80		2.587					
30 3-Picoline	93		2.651					9
233 n,n'-Dimethylacetamide	44		2.662					
35 Acrylamide	71		2.744					
36 N-Nitrosodiethylamine	102		2.897					
26 N-Nitrosodimethylamine	74	2.995	2.969	0.026	57	12216	0.4210	M
27 Pyridine	79	3.070	3.027	0.043	75	30038	0.6039	M
37 Ethyl methanesulfonate	79		3.105					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
38 2-Methylcyclohexanone	68		3.292					
39 3-Methylcyclohexanone	69		3.319					
40 4-Methylcyclohexanone	55		3.356					
45 Pentachloroethane	167		3.501					
42 Phenylmercaptan	110		3.596					
28 Ethyl methacrylate	69	3.658	3.658	0.0	51	25968	0.6156	M
232 1-Methyl-2-pyrrilidinone	99		3.880					
56 N-Nitrosopyrrolidine	100		3.992					
59 N-Nitrosomorpholine	56		4.013					9
29 3-Chloropropionitrile	54	4.032	4.021	0.011	73	8806	0.4666	
60 2-Toluidine	106		4.040					
52 Indene	115		4.084					
63 N-Nitrosopiperidine	114		4.254					
33 Malononitrile	66	4.368	4.352	0.016	78	23185	0.4892	
68 o,o',o''-Triethylphosphorothioat	198		4.435					
17 4-Chlorophenol	128		4.500					
24 Catechol	110		4.592					
72 alpha,alpha-Dimethyl phenethylam	58		4.601					
77 2,6-Dichlorophenol	162		4.729					
78 Hexachloropropene	213		4.756					
15 3-Methylcatechol	124		4.913					
83 N-Nitrosodi-n-butylamine	84		4.953					
85 p-Phenylene diamine	108		4.969					
14 4-Methylcatechol	124		5.036					
81 Benzothiazole	135		5.046					
82 Quinoline	129		5.099					
94 Safrole, Total	162		5.119					
91 1,2,4,5-Tetrachlorobenzene	216		5.327					
225 Isosafrole Peak 1	162		5.333					
227 Isosafrole Peak 2	162		5.498					
41 Benzaldehyde	77	5.512	5.512	0.0	80	23403	0.5933	
43 Phenol	94	5.565	5.560	0.005	92	27618	0.5052	
44 Aniline	93	5.602	5.602	0.0	90	33740	0.4899	
69 Bis(2-chloroethyl)ether	93	5.661	5.656	0.005	80	21671	0.5046	
103 1,4-Naphthoquinone	158		5.680					
46 2-Chlorophenol	128	5.715	5.709	0.006	70	15807	0.4940	
104 1,4-Dinitrobenzene	168		5.712					
96 3,4-Dichloronitrobenzene	109		5.725					
106 1,3-Dinitrobenzene	168		5.771					
101 Phenyl ether	170		5.773					
47 1,3-Dichlorobenzene	146	5.859	5.853	0.006	81	17544	0.5070	
48 1,4-Dichlorobenzene	146	5.923	5.918	0.005	66	17336	0.5012	
49 Benzyl alcohol	108	6.014	6.014	0.0	79	12109	0.4942	
50 1,2-Dichlorobenzene	146	6.056	6.056	0.0	83	16524	0.5113	
115 Pentachlorobenzene	250		6.091					
51 2-Methylphenol	108	6.105	6.099	0.006	82	16130	0.4600	
53 2,2'-oxybis[1-chloropropane]	45	6.137	6.137	0.0	92	20477	0.5413	
117 1-Naphthylamine	143		6.166					
119 2,3,4,6-Tetrachlorophenol	232		6.203					
120 2-Naphthylamine	143		6.225					
21 3 & 4 Methylphenol	108	6.233	6.233	0.0	88	18527	0.4888	
57 N-Nitrosodi-n-propylamine	70	6.243	6.243	0.0	64	18155	0.5129	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
58 Acetophenone	105	6.249	6.249	0.0	79	29080	0.5185	
122 Thionazin	97		6.305					
61 Hexachloroethane	117	6.356	6.356	0.0	32	1323	0.0834	
124 N-Nitro-o-toluidine	152		6.358					
127 Tributyl phosphate	99		6.379					
62 Nitrobenzene	77	6.404	6.404	0.0	71	28095	0.5508	
130 Diphenylamine	169		6.428					
134 Sulfotepp	202		6.518					
64 Isophorone	82	6.607	6.607	0.0	92	43673	0.4885	
135 1,3,5-Trinitrobenzene	213		6.614					
228 Diallate Peak 1	86		6.630					9
138 Phorate	121		6.636					9
137 Phenacetin	108		6.641					9
66 2-Nitrophenol	139	6.676	6.676	0.0	73	8089	0.6695	
67 1,3,5-Trichlorobenzene	180	6.692	6.692	0.0	82	14656	0.4838	
230 Diallate Peak 2	86		6.695					9
65 2,4-Dimethylphenol	107	6.698	6.697	0.001	61	21998	0.5499	
71 Benzoic acid	122	6.724	6.756	-0.032	30	3696	0.9498	
140 Dimethoate	87		6.764					
70 Bis(2-chloroethoxy)methane	93	6.783	6.783	0.0	92	25129	0.5102	
73 2,4-Dichlorophenol	162	6.885	6.879	0.005	79	12644	0.5250	
129 4-Aminobiphenyl	169		6.892					
144 Pronamide	173		6.919					
145 Pentachloronitrobenzene	237		6.919					
74 1,2,4-Trichlorobenzene	180	6.959	6.959	0.0	81	14557	0.4809	
146 Disulfoton	88		7.010					9
147 Dinoseb	211		7.020					
75 Naphthalene	128		7.034					
76 4-Chloroaniline	127	7.066	7.066	0.0	76	18127	0.4905	
79 Hexachlorobutadiene	225	7.130	7.130	0.0	79	7313	0.4510	
80 1,2,3-Trichlorobenzene	180		7.152					
152 Methyl parathion	109		7.282					
84 Caprolactam	113	7.344	7.349	-0.005	57	3531	0.6039	
86 4-Chloro-3-methylphenol	107	7.456	7.456	0.0	75	15507	0.4528	
155 Ethyl Parathion	97		7.560					
156 4-Nitroquinoline-1-oxide	190		7.613					
153 Diphenylsulfone	125		7.616					
87 2-Methylnaphthalene	142		7.622					
157 Methapyrilene	58		7.645					
88 1-Methylnaphthalene	142		7.702					
90 1,2,3,5-Tetrachlorobenzene	216	7.745	7.745	0.0	83	14475	0.4906	
89 Hexachlorocyclopentadiene	237		7.750					
158 Isodrin	66		7.816					9
92 2,4,6-Trichlorophenol	196	7.851	7.846	0.005	68	8938	0.4977	
93 2,4,5-Trichlorophenol	196	7.878	7.878	0.0	70	7244	0.3743	
97 2,4-Toluene diamine	121	7.996	7.990	0.006	83	9348	0.5110	
99 1,2,3,4 -Tetrachlorobenzene	216	8.001	8.001	0.0	83	13978	0	
98 1,1'-Biphenyl	154		8.012					
100 2-Chloronaphthalene	162		8.033					
102 2-Nitroaniline	65	8.108	8.108	0.0	53	12032	0.4985	
226 Aramite Peak 1	185		8.131					
229 Aramite Peak 2	185		8.185					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
105 Dimethyl phthalate	163	8.247	8.247	0.0	87	30652	0.4652	
163 p-Dimethylamino azobenzene	225		8.276					
164 Chlorobenzilate	139		8.297					
107 2,6-Dinitrotoluene	165	8.306	8.305	0.001	66	6313	0.4500	
108 1,2-Dinitrobenzene	168	8.354	8.354	0.0	62	2626	0.3643	
109 Acenaphthylene	152		8.391					
110 3-Nitroaniline	138	8.450	8.450	0.0	75	6854	0.4416	
167 Famphur	218		8.473					
169 3,3'-Dimethylbenzidine	212		8.516					
111 2,4-Dinitrophenol	184		8.535					
112 Acenaphthene	153		8.535					
113 4-Nitrophenol	109	8.573	8.567	0.006	57	3991	0.5073	
114 2,4-Dinitrotoluene	165	8.647	8.647	0.0	56	7011	0.3767	
116 Dibenzofuran	168	8.679	8.679	0.0	84	39302	0.4928	
171 2-Acetylaminofluorene	181		8.713					
118 2,3,5,6-Tetrachlorophenol	232	8.738	8.733	0.005	59	5493	0.5666	
121 Diethyl phthalate	149	8.840	8.840	0.0	87	29865	0.4632	
123 4-Chlorophenyl phenyl ether	204	8.957	8.957	0.0	86	16599	0.4778	
125 4-Nitroaniline	138	8.968	8.968	0.0	52	6921	0.4350	
126 Fluorene	166		8.968					
128 4,6-Dinitro-2-methylphenol	198		8.989					9
131 N-Nitrosodiphenylamine	169	9.053	9.048	0.005	92	23318	0.5001	
132 1,2-Diphenylhydrazine	77	9.091	9.091	0.0	98	49333	0.4754	
133 Azobenzene	77	9.091	9.091	0.0	89	49333	0.4754	
176 Hexabromobenzene	232		9.208					
139 4-Bromophenyl phenyl ether	248	9.374	9.374	0.0	56	9247	0.5186	
141 Hexachlorobenzene	284	9.433	9.433	0.0	67	9497	0.5177	
142 Atrazine	200	9.486	9.481	0.005	59	8274	0.5713	
179 6-Methylchrysene	242		9.576					
143 Pentachlorophenol	266		9.593					9
148 Phenanthrene	178		9.785					
149 Anthracene	178		9.828					
181 7,12-Dimethylbenz(a)anthracene	256		9.856					
150 DFTPP								
151 Carbazole	167	9.956	9.951	0.005	58	42830	0.5008	
154 Di-n-butyl phthalate	149	10.213	10.213	0.0	95	51075	0.4823	
185 3-Methylcholanthrene	268		10.594					
159 Fluoranthene	202		10.795					
160 Benzidine	184	10.891	10.891	0.0	60	19591	0.6745	
161 Pyrene	202		11.003					
166 4,4'-DDE	246		11.061					9
165 4,4'-DDD	235		11.430					
168 Butyl benzyl phthalate	149	11.596	11.596	0.0	79	23458	0.5278	
170 4,4'-DDT	235		11.718					
187 Dibenz[a,h]acridine	279		11.729					
186 Dibenz[a,j]acridine	279		11.804					
172 3,3'-Dimethoxybenzidine	244		12.200					9
174 4,4'-Methylene bis(2-chloroanili	231	12.243	12.243	0.0	55	8622	0.7384	
175 3,3'-Dichlorobenzidine	252	12.243	12.243	0.0	44	16278	0.4637	
173 Bis(2-ethylhexyl) phthalate	149	12.269	12.269	0.0	82	33369	0.5380	
177 Benzo[a]anthracene	228		12.296					
178 Chrysene	228		12.344					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
180 Di-n-octyl phthalate	149	13.178	13.177	0.001	87	52282	0.8844	
182 Benzo[b]fluoranthene	252		13.797					
183 Benzo[k]fluoranthene	252		13.835					
184 Benzo[a]pyrene	252		14.294					
188 Indeno[1,2,3-cd]pyrene	276		16.030					
189 Dibenz(a,h)anthracene	278		16.057					9
190 Benzo[g,h,i]perylene	276		16.474					
S 191 Methyl Phenols,Total	100				0		0.9488	
S 95 Isosafrole	162		5.568					7
S 136 Diallate	86		6.701					7
S 162 Aramite, Total	185		8.271					7
T 192 Octadecane (TIC)	57		0.000					
T 195 Hydroquinone TIC	110		0.000					1
T 194 Decane TIC	57		0.000					1
T 240 Trimethyl phosphate TIC	110		3.120					1
T 234 2-Isopropylphenol TIC	121		4.623					1
T 236 3-isopropylphenol TIC	121		4.756					1
T 235 4-isopropylphenol TIC	121		4.756					1
T 193 Hexamethylphosphoramide TIC	135		5.100					1
T 237 3-(1,1-Dimethylethyl Phenol) TIC	135		5.110					1
T 196 Kepone TIC	272		8.281					1
T 242 Triphenyl Phosphate TIC	326		8.700					1
T 238 2,3,7,8-TCDD TIC	1		9.000					1
T 231 2,3,7,8-TCDD	322		9.150					1
T 197 Hexachlorophene TIC	198		9.269					1
T 241 Tricresyl phosphate TIC	368		9.372					1
T 239 Tris(2,3-dibromopropyl)phosphate	201		10.600					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

Review Flags
M - Manually Integrated

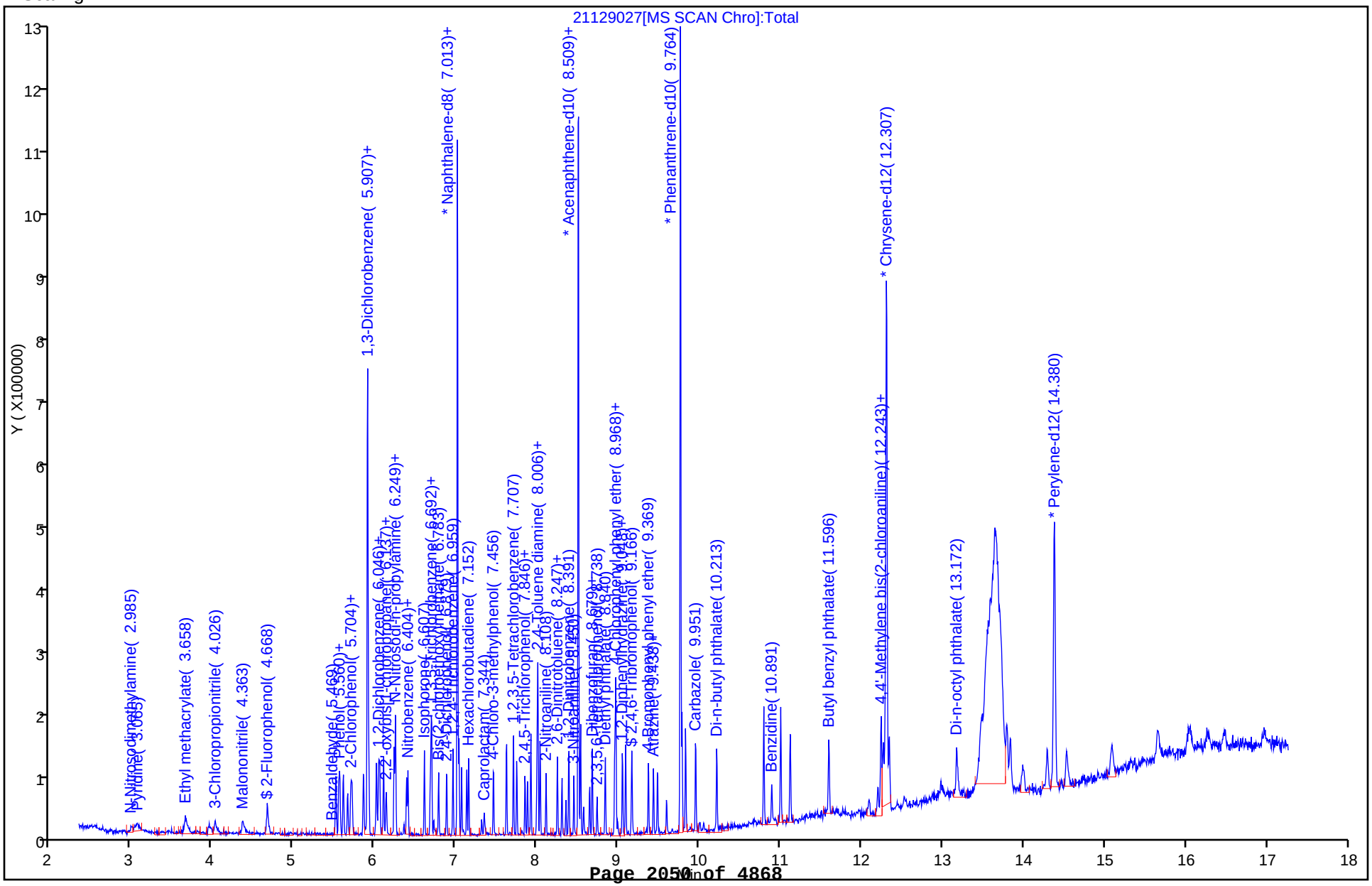
Report Date: 17-Dec-2012 14:55:56 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129027.D

Injection Date:	29-Nov-2012 18:22:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	66702	Lims Sample ID:	27
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



Manual Integration/User Assign Peak Report

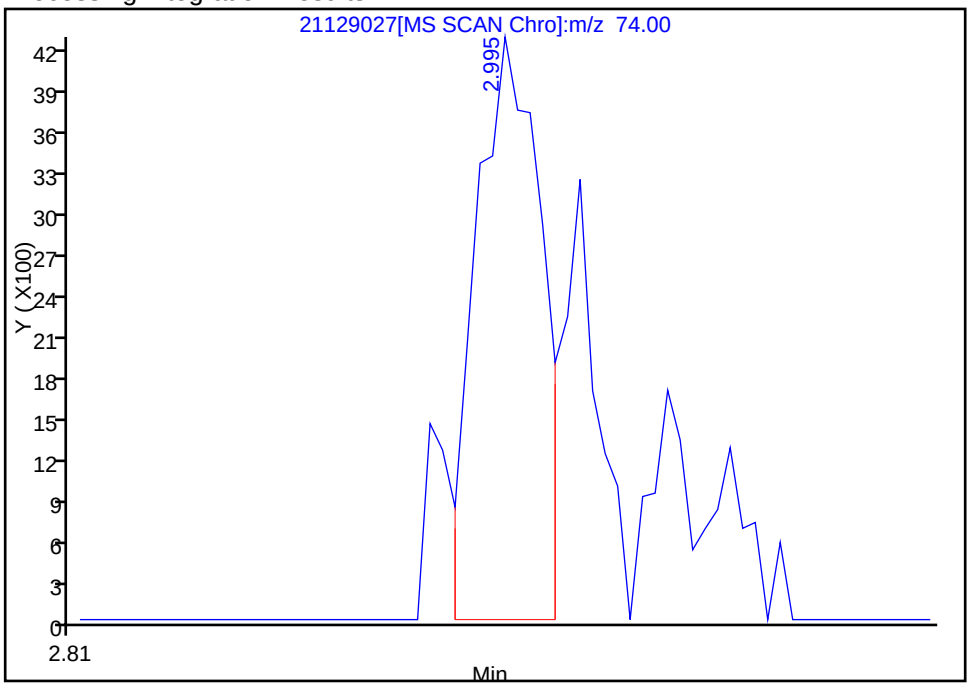
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129027.D		
Injection Date:	29-Nov-2012 18:22:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	66702	Lims Sample ID:	27
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

26 N-Nitrosodimethylamine, Signal: 1, m/z: 74.0 Type: quant, RT: 2.97

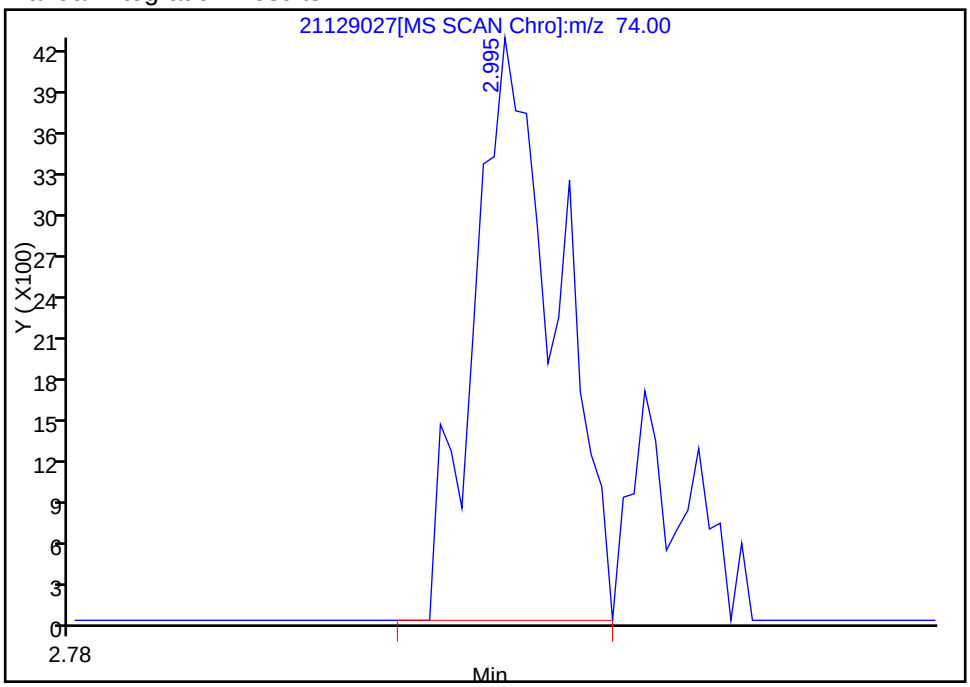
Processing Integration Results

RT: 3.00
Response: 8370
Amount: 0.288460



Manual Integration Results

RT: 3.00
Response: 12216
Amount: 0.421007



Reviewer: ulmanm, 30-Nov-2012 07:58:18
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Report Date: 17-Dec-2012 14:55:56 Chrom Revision: 2.0 27-Nov-2012 13:14:12

Manual Integration/User Assign Peak Report

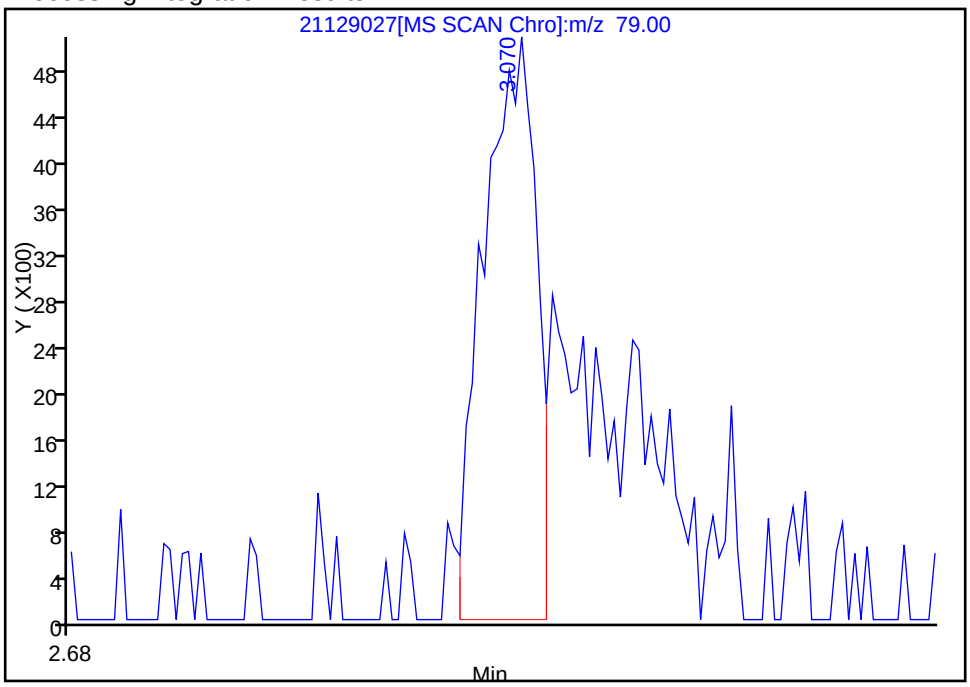
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129027.D		
Injection Date:	29-Nov-2012 18:22:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	66702	Lims Sample ID:	27
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

27 Pyridine, Signal: 1, m/z: 79.0 Type: quant, RT: 3.03

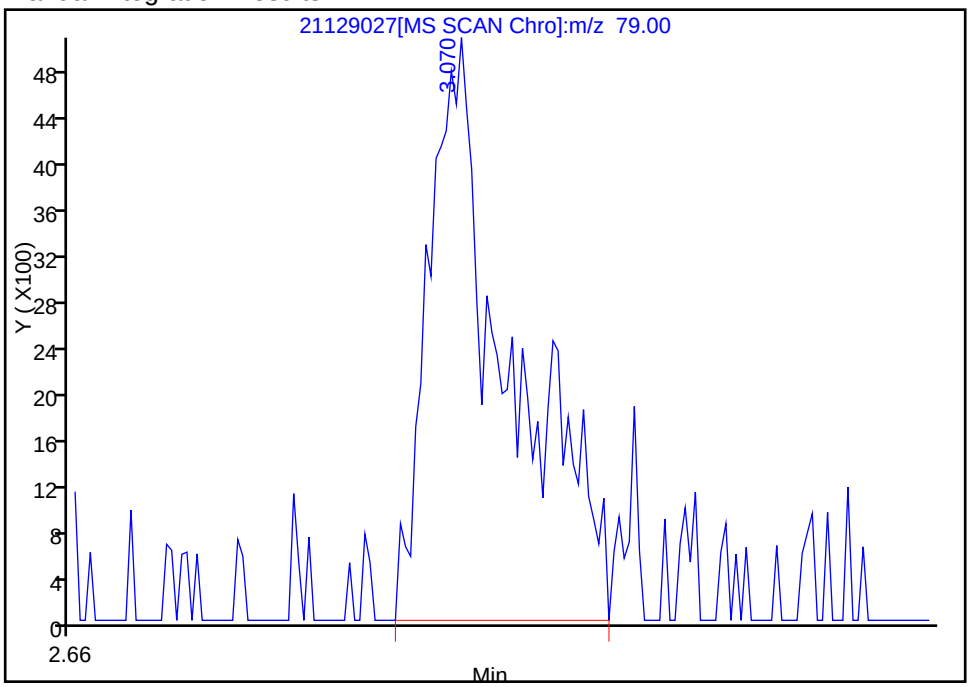
Processing Integration Results

RT: 3.07
Response: 16156
Amount: 0.324797



Manual Integration Results

RT: 3.07
Response: 30038
Amount: 0.603878



Reviewer: ulmanm, 30-Nov-2012 07:58:18
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: mdll3 B Calibration Date: 11/29/2012 18:47

Instrument ID: A4HP9 Calib Start Date: 11/28/2012 14:27

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 11/28/2012 18:11

Lab File ID: 21129028.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzoic acid	Qua				1.72	2.00		
2,4-Dinitrophenol	Qua				2.65	2.00		
4,6-Dinitro-2-methylphenol	Qua				1.07	1.00		
Pentachlorophenol	Qua				1.46	2.00		
1,1'-Biphenyl	Ave	1.361			0.000800	1.00		
1,2,4-Trichlorobenzene	Ave	0.3521			0.000800	1.00		
1,2-Dichlorobenzene	Ave	1.435			0.000800	1.00		
1,2-Diphenylhydrazine(as Azobenzene)	Ave	1.186			0.000800	1.00		
1,3-Dichlorobenzene	Ave	1.537			0.000800	1.00		
1,4-Dichlorobenzene	Ave	1.536			0.000800	1.00		
1,4-Dioxane	Ave	0.9340			0.000800	1.00		
2,4,5-Trichlorophenol	Ave	0.3624			0.000800	1.00		
2,4,6-Trichlorophenol	Ave	0.3363			0.000800	1.00		
2,4-Dichlorophenol	Ave	0.2801			0.000800	1.00		
2,4-Dimethylphenol	Ave	0.4652			0.000800	1.00		
2,4-Dinitrotoluene	Ave	0.3485			0.000800	1.00		
2,6-Dinitrotoluene	Ave	0.2627			0.000800	1.00		
2-Chloronaphthalene	Ave	1.067			0.000100	1.00		
2-Chlorophenol	Ave	1.421			0.000800	1.00		
2-Methylnaphthalene	Ave	0.6679			0.000100	1.00		
2-Methylphenol	Ave	1.557			0.000800	1.00		
2-Nitroaniline	Ave	0.4519			0.000800	1.00		
2-Nitrophenol	Qua				0.000800	1.00		
3 & 4 Methylphenol	Ave	1.683			0.000800	1.00		
3,3'-Dichlorobenzidine	Ave	0.4363			0.000800	1.00		
3-Nitroaniline	Ave	0.2906			0.000800	1.00		
4-Bromophenyl phenyl ether	Ave	0.2038			0.000800	1.00		
4-Chloro-3-methylphenol	Ave	0.3983			0.000800	1.00		
4-Chlorophenyl phenyl ether	Ave	0.6505			0.000800	1.00		
4-Nitroaniline	Ave	0.2979			0.000800	1.00		

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: mdll3 B Calibration Date: 11/29/2012 18:47

Instrument ID: A4HP9 Calib Start Date: 11/28/2012 14:27

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 11/28/2012 18:11

Lab File ID: 21129028.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Nitrophenol	Qua				0.00240	1.00		
Acenaphthene	Ave	1.054			0.000100	1.00		
Acenaphthylene	Ave	1.633			0.000100	1.00		
Acetophenone	Ave	2.490			0.000800	1.00		
Aniline	Ave	3.058			0.00240	1.00		
Anthracene	Ave	1.096			0.000100	1.00		
Atrazine	Ave	0.1655			0.000800	1.00		
Benzaldehyde	Ave	1.752			0.000800	1.00		
Benzidine	Qua				0.00240	1.00		
Benzo[a]anthracene	Ave	1.191			0.000100	1.00		
Benzo[a]pyrene	Ave	1.232			0.000100	1.00		
Benzo[b]fluoranthene	Ave	1.309			0.000100	1.00		
Benzo[g,h,i]perylene	Ave	1.178			0.000100	1.00		
Benzo[k]fluoranthene	Ave	1.387			0.000100	1.00		
Benzyl alcohol	Ave	1.088			0.000800	1.00		
Bis(2-chloroethoxy)methane	Ave	0.5728			0.000800	1.00		
Bis(2-chloroethyl)ether	Ave	1.907			0.000100	1.00		
Bis(2-ethylhexyl) phthalate	Ave	0.7708			0.000800	1.00		
Butyl benzyl phthalate	Ave	0.5523			0.000800	1.00		
Caprolactam	Qua				0.000800	1.00		
Carbazole	Ave	0.9777			0.000800	1.00		
Chrysene	Ave	1.110			0.000100	1.00		
Dibenz(a,h)anthracene	Ave	1.114			0.000100	1.00		
Dibenzofuran	Ave	1.493			0.000100	1.00		
Diethyl phthalate	Ave	1.207			0.000800	1.00		
Dimethyl phthalate	Ave	1.234			0.000800	1.00		
Di-n-butyl phthalate	Ave	1.210			0.000800	1.00		
Di-n-octyl phthalate	Qua				0.000800	1.00		
Fluoranthene	Ave	1.246			0.000100	1.00		

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: mdll3 B Calibration Date: 11/29/2012 18:47

Instrument ID: A4HP9 Calib Start Date: 11/28/2012 14:27

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 11/28/2012 18:11

Lab File ID: 21129028.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Fluorene	Ave	1.270			0.000100	1.00		
Hexachlorobenzene	Ave	0.2097			0.000100	1.00		
Hexachlorobutadiene	Ave	0.1886			0.000080	1.00		
Hexachlorocyclopentadiene	Ave	0.2969			0.000080	1.00		
Hexachloroethane	Ave	0.7041			0.000080	1.00		
Indeno[1,2,3-cd]pyrene	Ave	1.389			0.000100	1.00		
Isophorone	Ave	1.040			0.000080	1.00		
Naphthalene	Ave	1.007			0.000100	1.00		
Nitrobenzene	Ave	0.5932			0.000100	1.00		
N-Nitrosodimethylamine	Ave	1.288			0.000080	1.00		
N-Nitrosodi-n-propylamine	Ave	1.572			0.000080	1.00		
N-Nitrosodiphenylamine	Ave	0.5330			0.000080	1.00		
Phenanthrene	Ave	1.122			0.000100	1.00		
Phenol	Ave	2.427			0.000080	1.00		
Pyrene	Ave	1.361			0.000100	1.00		
Pyridine	Ave	2.209			0.000080	1.00		
2,4,6-Tribromophenol (Surr)	Ave	0.1440			0.000000	1.00	0*	35-125
2-Fluorobiphenyl (Surr)	Ave	1.215			0.000000	1.00	0*	45-105
2-Fluorophenol (Surr)	Ave	1.609			0.000000	1.00	0*	35-105
Nitrobenzene-d5 (Surr)	Ave	0.5627			0.000000	1.00	0*	35-100
Phenol-d5 (Surr)	Ave	2.233			0.000000	1.00	0*	40-100
Terphenyl-d14 (Surr)	Ave	0.7935			0.000000	1.00	0*	30-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129028.D
Lims ID: mdll3 B
Client ID:
Inject. Date: 29-Nov-2012 18:47:30
Dil. Factor: 1.0000
Sample Type: LODV
Sample ID: 240-0015370-028
Misc. Info.: MDLL3 B =MDLL3 B
Operator: 001574
Instrument ID: A4HP9
Injection Vol: 1.0 ul
ALS Bottle#: 28
Lims Batch ID: 66702
Lims Sample ID: 28
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121129-15370.b\8270 _9.m
Last Update: 17-Dec-2012 14:55:32
Calib Date: 28-Nov-2012 18:11:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121128-15348.b\21127110.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: 5% phenyl
Column Dia: 0.18 mm
Process Host: CORP-CTX-18

First Level Reviewer: ulmanm
Date: 30-Nov-2012 08:02:17

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.908	5.907	0.001	93	85175	4.00	
* 2 Naphthalene-d8	136	7.014	7.013	0.001	98	337948	4.00	
* 3 Acenaphthene-d10	164	8.505	8.503	0.002	77	204057	4.00	
* 4 Phenanthrene-d10	188	9.765	9.764	0.001	79	353921	4.00	
* 5 Chrysene-d12	240	12.308	12.307	0.001	75	328499	4.00	
* 6 Perylene-d12	264	14.381	14.374	0.007	89	215957	4.00	
$ 7 2-Fluorophenol	112		4.662					
$ 8 Phenol-d5	99		5.544					
$ 9 Nitrobenzene-d5	82		6.388					
$ 10 2-Fluorobiphenyl (Surr)	172		7.921					
$ 11 2,4,6-Tribromophenol	330		9.171					
$ 12 Terphenyl-d14	244		11.121					
20 Dimethylformamide	1		0.000					
18 Bis(4-hydroxyphenyl)methane	1		0.000					
23 2,5-Dichlorophenol	1		0.000					
19 Octachlorostyrene	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
13 Octachlorocyclopentene	1		0.000					
22 Bis(2-hydroxyphenyl)methane	1		0.000					
31 2-Picoline	93		2.310					
32 N-Nitrosomethylethylamine	88		2.374					9
25 1,4-Dioxane	88		2.520					
34 Methyl methanesulfonate	80		2.587					
30 3-Picoline	93		2.651					9
233 n,n'-Dimethylacetamide	44		2.662					
35 Acrylamide	71		2.744					
36 N-Nitrosodiethylamine	102		2.897					
26 N-Nitrosodimethylamine	74		2.969					
27 Pyridine	79		3.027					
37 Ethyl methanesulfonate	79		3.105					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
38 2-Methylcyclohexanone	68		3.292					
39 3-Methylcyclohexanone	69		3.319					
40 4-Methylcyclohexanone	55		3.356					
45 Pentachloroethane	167		3.501					
42 Phenylmercaptan	110		3.596					
28 Ethyl methacrylate	69		3.658					
232 1-Methyl-2-pyrrilidinone	99		3.880					
56 N-Nitrosopyrrolidine	100		3.992					
59 N-Nitrosomorpholine	56		4.013					
29 3-Chloropropionitrile	54		4.021					
60 2-Toluidine	106		4.040					
52 Indene	115		4.084					
63 N-Nitrosopiperidine	114		4.254					
33 Malononitrile	66		4.352					
68 o,o',o''-Triethylphosphorothioat	198		4.435					
17 4-Chlorophenol	128		4.500					
24 Catechol	110		4.592					
72 alpha,alpha-Dimethyl phenethylam	58		4.601					9
77 2,6-Dichlorophenol	162		4.729					
78 Hexachloropropene	213		4.756					
15 3-Methylcatechol	124		4.913					
83 N-Nitrosodi-n-butylamine	84		4.953					
85 p-Phenylene diamine	108		4.969					
14 4-Methylcatechol	124		5.036					
81 Benzothiazole	135		5.046					
82 Quinoline	129		5.099					
94 Safrole, Total	162		5.119					
91 1,2,4,5-Tetrachlorobenzene	216		5.327					
225 Isosafrole Peak 1	162		5.333					
227 Isosafrole Peak 2	162		5.498					
41 Benzaldehyde	77		5.512					
43 Phenol	94		5.560					
44 Aniline	93		5.602					
69 Bis(2-chloroethyl)ether	93		5.656					
103 1,4-Naphthoquinone	158		5.680					
46 2-Chlorophenol	128		5.709					
104 1,4-Dinitrobenzene	168		5.712					
96 3,4-Dichloronitrobenzene	109		5.725					
106 1,3-Dinitrobenzene	168		5.771					
101 Phenyl ether	170		5.773					
47 1,3-Dichlorobenzene	146		5.853					
48 1,4-Dichlorobenzene	146		5.918					
49 Benzyl alcohol	108		6.014					
50 1,2-Dichlorobenzene	146		6.056					
115 Pentachlorobenzene	250		6.091					
51 2-Methylphenol	108		6.099					
53 2,2'-oxybis[1-chloropropane]	45		6.137					
117 1-Naphthylamine	143		6.166					
119 2,3,4,6-Tetrachlorophenol	232		6.203					
120 2-Naphthylamine	143		6.225					
21 3 & 4 Methylphenol	108		6.233					
57 N-Nitrosodi-n-propylamine	70		6.243					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
58 Acetophenone	105		6.249					
122 Thionazin	97		6.305					
61 Hexachloroethane	117		6.356					
124 N-Nitro-o-toluidine	152		6.358					
127 Tributyl phosphate	99		6.379					
62 Nitrobenzene	77		6.404					
130 Diphenylamine	169		6.428					
134 Sulfotepp	202		6.518					
64 Isophorone	82		6.607					
135 1,3,5-Trinitrobenzene	213		6.614					
228 Diallate Peak 1	86		6.630					9
138 Phorate	121		6.636					9
137 Phenacetin	108		6.641					9
66 2-Nitrophenol	139		6.676					
67 1,3,5-Trichlorobenzene	180		6.692					
230 Diallate Peak 2	86		6.695					9
65 2,4-Dimethylphenol	107		6.697					
71 Benzoic acid	122	6.726	6.756	-0.030	80	15958	1.72	
140 Dimethoate	87		6.764					9
70 Bis(2-chloroethoxy)methane	93		6.783					
73 2,4-Dichlorophenol	162		6.879					
129 4-Aminobiphenyl	169		6.892					
144 Pronamide	173		6.919					
145 Pentachloronitrobenzene	237		6.919					
74 1,2,4-Trichlorobenzene	180		6.959					
146 Disulfoton	88		7.010					9
147 Dinoseb	211		7.020					
75 Naphthalene	128		7.034					
76 4-Chloroaniline	127		7.066					
79 Hexachlorobutadiene	225		7.130					
80 1,2,3-Trichlorobenzene	180		7.152					
152 Methyl parathion	109		7.282					9
84 Caprolactam	113		7.349					
86 4-Chloro-3-methylphenol	107		7.456					
155 Ethyl Parathion	97		7.560					
156 4-Nitroquinoline-1-oxide	190		7.613					
153 Diphenylsulfone	125		7.616					
87 2-Methylnaphthalene	142		7.622					
157 Methapyrilene	58		7.645					9
88 1-Methylnaphthalene	142		7.702					
90 1,2,3,5-Tetrachlorobenzene	216		7.745					
89 Hexachlorocyclopentadiene	237		7.750					
158 Isodrin	66		7.816					9
92 2,4,6-Trichlorophenol	196		7.846					
93 2,4,5-Trichlorophenol	196		7.878					
97 2,4-Toluene diamine	121		7.990					
99 1,2,3,4 -Tetrachlorobenzene	216		8.001					
98 1,1'-Biphenyl	154		8.012					
100 2-Chloronaphthalene	162		8.033					
102 2-Nitroaniline	65		8.108					
226 Aramite Peak 1	185		8.131					
229 Aramite Peak 2	185		8.185					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
105 Dimethyl phthalate	163		8.247					
163 p-Dimethylamino azobenzene	225		8.276					
164 Chlorobenzilate	139		8.297					
107 2,6-Dinitrotoluene	165		8.305					
108 1,2-Dinitrobenzene	168		8.354					
109 Acenaphthylene	152		8.391					
110 3-Nitroaniline	138		8.450					
167 Famphur	218		8.473					
169 3,3'-Dimethylbenzidine	212		8.516					
111 2,4-Dinitrophenol	184	8.542	8.535	0.007	9	2308	2.65	
112 Acenaphthene	153		8.535					
113 4-Nitrophenol	109		8.567					
114 2,4-Dinitrotoluene	165		8.647					
116 Dibenzofuran	168		8.679					
171 2-Acetylaminofluorene	181		8.713					
118 2,3,5,6-Tetrachlorophenol	232		8.733					
121 Diethyl phthalate	149		8.840					
123 4-Chlorophenyl phenyl ether	204		8.957					
125 4-Nitroaniline	138		8.968					
126 Fluorene	166		8.968					
128 4,6-Dinitro-2-methylphenol	198	8.991	8.989	0.002	36	4184	1.07	
131 N-Nitrosodiphenylamine	169		9.048					
132 1,2-Diphenylhydrazine	77		9.091					
133 Azobenzene	77		9.091					
176 Hexabromobenzene	232		9.208					
139 4-Bromophenyl phenyl ether	248		9.374					
141 Hexachlorobenzene	284		9.433					
142 Atrazine	200		9.481					
179 6-Methylchrysene	242		9.576					
143 Pentachlorophenol	266	9.595	9.593	0.001	64	10115	1.46	
148 Phenanthrene	178		9.785					
149 Anthracene	178		9.828					
181 7,12-Dimethylbenz(a)anthracene	256		9.856					
150 DFTPP								
151 Carbazole	167		9.951					
154 Di-n-butyl phthalate	149		10.213					
185 3-Methylcholanthrene	268		10.594					
159 Fluoranthene	202		10.795					
160 Benzidine	184		10.891					
161 Pyrene	202		11.003					
166 4,4'-DDE	246		11.061					9
165 4,4'-DDD	235		11.430					
168 Butyl benzyl phthalate	149		11.596					
170 4,4'-DDT	235		11.718					
187 Dibenz[a,h]acridine	279		11.729					
186 Dibenz[a,j]acridine	279		11.804					
172 3,3'-Dimethoxybenzidine	244		12.200					
174 4,4'-Methylene bis(2-chloroanili	231		12.243					
175 3,3'-Dichlorobenzidine	252		12.243					
173 Bis(2-ethylhexyl) phthalate	149		12.269					
177 Benzo[a]anthracene	228		12.296					
178 Chrysene	228		12.344					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
180 Di-n-octyl phthalate	149		13.177					
182 Benzo[b]fluoranthene	252		13.797					
183 Benzo[k]fluoranthene	252		13.835					
184 Benzo[a]pyrene	252		14.294					
188 Indeno[1,2,3-cd]pyrene	276		16.030					
189 Dibenz(a,h)anthracene	278		16.057					9
190 Benzo[g,h,i]perylene	276		16.474					
S 191 Methyl Phenols,Total	100		0.000					7
S 95 Isosafrole	162		5.568					7
S 136 Diallate	86		6.701					7
S 162 Aramite, Total	185		8.271					7
T 192 Octadecane (TIC)	57		0.000					1
T 195 Hydroquinone TIC	110		0.000					
T 194 Decane TIC	57		0.000					1
T 240 Trimethyl phosphate TIC	110		3.120					1
T 234 2-Isopropylphenol TIC	121		4.623					1
T 236 3-isopropylphenol TIC	121		4.756					1
T 235 4-isopropylphenol TIC	121		4.756					1
T 193 Hexamethylphosphoramide TIC	135		5.100					1
T 237 3-(1,1-Dimethylethyl Phenol) TIC	135		5.110					1
T 196 Kepone TIC	272		8.281					1
T 242 Triphenyl Phosphate TIC	326		8.700					1
T 238 2,3,7,8-TCDD TIC	1		9.000					1
T 231 2,3,7,8-TCDD	322		9.150					1
T 197 Hexachlorophene TIC	198		9.269					1
T 241 Tricresyl phosphate TIC	368		9.372					1
T 239 Tris(2,3-dibromopropyl)phosphate	201		10.600					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

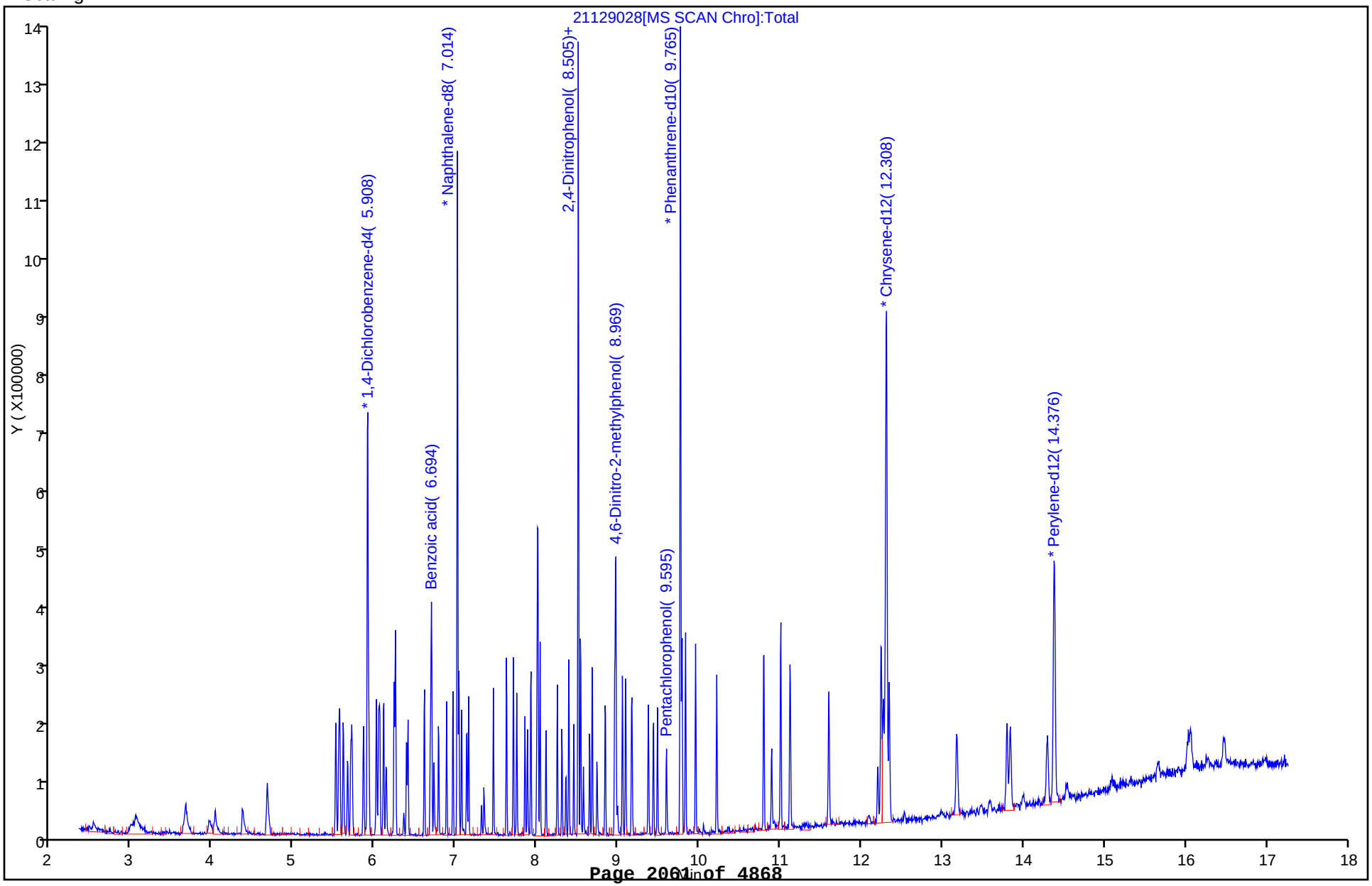
Report Date: 17-Dec-2012 14:56:09 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129028.D

Injection Date:	29-Nov-2012 18:47:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	66702	Lims Sample ID:	28
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: mdll4 B Calibration Date: 11/29/2012 19:11

Instrument ID: A4HP9 Calib Start Date: 11/28/2012 14:27

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 11/28/2012 18:11

Lab File ID: 21129029.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,1'-Biphenyl	Ave	1.361			0.000800	2.00		
1,2,4-Trichlorobenzene	Ave	0.3521			0.000800	2.00		
1,2-Dichlorobenzene	Ave	1.435			0.000800	2.00		
1,2-Diphenylhydrazine(as Azobenzene)	Ave	1.186			0.000800	2.00		
1,3-Dichlorobenzene	Ave	1.537			0.000800	2.00		
1,4-Dichlorobenzene	Ave	1.536			0.000800	2.00		
1,4-Dioxane	Ave	0.9340			0.000800	2.00		
2,4,5-Trichlorophenol	Ave	0.3624			0.000800	2.00		
2,4,6-Trichlorophenol	Ave	0.3363			0.000800	2.00		
2,4-Dichlorophenol	Ave	0.2801			0.000800	2.00		
2,4-Dimethylphenol	Ave	0.4652			0.000800	2.00		
2,4-Dinitrophenol	Qua				0.00240	4.00		
2,4-Dinitrotoluene	Ave	0.3485			0.000800	2.00		
2,6-Dinitrotoluene	Ave	0.2627			0.000800	2.00		
2-Chloronaphthalene	Ave	1.067			0.000100	2.00		
2-Chlorophenol	Ave	1.421			0.000800	2.00		
2-Methylnaphthalene	Ave	0.6679			0.000100	2.00		
2-Methylphenol	Ave	1.557			0.000800	2.00		
2-Nitroaniline	Ave	0.4519			0.000800	2.00		
2-Nitrophenol	Qua				0.000800	2.00		
3 & 4 Methylphenol	Ave	1.683			0.000800	2.00		
3,3'-Dichlorobenzidine	Ave	0.4363			0.000800	2.00		
3-Nitroaniline	Ave	0.2906			0.000800	2.00		
4,6-Dinitro-2-methylphenol	Qua				0.00240	2.00		
4-Bromophenyl phenyl ether	Ave	0.2038			0.000800	2.00		
4-Chloro-3-methylphenol	Ave	0.3983			0.000800	2.00		
4-Chlorophenyl phenyl ether	Ave	0.6505			0.000800	2.00		
4-Nitroaniline	Ave	0.2979			0.000800	2.00		
4-Nitrophenol	Qua				0.00240	2.00		

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: mdll4 B Calibration Date: 11/29/2012 19:11

Instrument ID: A4HP9 Calib Start Date: 11/28/2012 14:27

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 11/28/2012 18:11

Lab File ID: 21129029.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Acenaphthene	Ave	1.054			0.000100	2.00		
Acenaphthylene	Ave	1.633			0.000100	2.00		
Acetophenone	Ave	2.490			0.000800	2.00		
Aniline	Ave	3.058			0.00240	2.00		
Anthracene	Ave	1.096			0.000100	2.00		
Atrazine	Ave	0.1655			0.000800	2.00		
Benzaldehyde	Ave	1.752			0.000800	2.00		
Benzidine	Qua				0.00240	2.00		
Benzo[a]anthracene	Ave	1.191			0.000100	2.00		
Benzo[a]pyrene	Ave	1.232			0.000100	2.00		
Benzo[b]fluoranthene	Ave	1.309			0.000100	2.00		
Benzo[g,h,i]perylene	Ave	1.178			0.000100	2.00		
Benzo[k]fluoranthene	Ave	1.387			0.000100	2.00		
Benzoic acid	Qua				0.0100	4.00		
Benzyl alcohol	Ave	1.088			0.000800	2.00		
Bis(2-chloroethoxy)methane	Ave	0.5728			0.000800	2.00		
Bis(2-chloroethyl)ether	Ave	1.907			0.000100	2.00		
Bis(2-ethylhexyl) phthalate	Ave	0.7708			0.000800	2.00		
Butyl benzyl phthalate	Ave	0.5523			0.000800	2.00		
Caprolactam	Qua				0.000800	2.00		
Carbazole	Ave	0.9777			0.000800	2.00		
Chrysene	Ave	1.110			0.000100	2.00		
Dibenz(a,h)anthracene	Ave	1.114			0.000100	2.00		
Dibenzofuran	Ave	1.493			0.000100	2.00		
Diethyl phthalate	Ave	1.207			0.000800	2.00		
Dimethyl phthalate	Ave	1.234			0.000800	2.00		
Di-n-butyl phthalate	Ave	1.210			0.000800	2.00		
Di-n-octyl phthalate	Qua				0.000800	2.00		
Fluoranthene	Ave	1.246			0.000100	2.00		

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: mdll4 B Calibration Date: 11/29/2012 19:11

Instrument ID: A4HP9 Calib Start Date: 11/28/2012 14:27

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 11/28/2012 18:11

Lab File ID: 21129029.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Fluorene	Ave	1.270			0.000100	2.00		
Hexachlorobenzene	Ave	0.2097			0.000100	2.00		
Hexachlorobutadiene	Ave	0.1886			0.000800	2.00		
Hexachlorocyclopentadiene	Ave	0.2969			0.000800	2.00		
Hexachloroethane	Ave	0.7041			0.000800	2.00		
Indeno[1,2,3-cd]pyrene	Ave	1.389			0.000100	2.00		
Isophorone	Ave	1.040			0.000800	2.00		
Naphthalene	Ave	1.007			0.000100	2.00		
Nitrobenzene	Ave	0.5932			0.000100	2.00		
N-Nitrosodimethylamine	Ave	1.288			0.000800	2.00		
N-Nitrosodi-n-propylamine	Ave	1.572			0.000800	2.00		
N-Nitrosodiphenylamine	Ave	0.5330			0.000800	2.00		
Pentachlorophenol	Qua				0.00240	4.00		
Phenanthrene	Ave	1.122			0.000100	2.00		
Phenol	Ave	2.427			0.000800	2.00		
Pyrene	Ave	1.361			0.000100	2.00		
Pyridine	Ave	2.209			0.000800	2.00		
2,4,6-Tribromophenol (Surr)	Ave	0.1440			0.000000	2.00	0*	35-125
2-Fluorobiphenyl (Surr)	Ave	1.215			0.000000	2.00	0*	45-105
2-Fluorophenol (Surr)	Ave	1.609			0.000000	2.00	0*	35-105
Nitrobenzene-d5 (Surr)	Ave	0.5627			0.000000	2.00	0*	35-100
Phenol-d5 (Surr)	Ave	2.233			0.000000	2.00	0*	40-100
Terphenyl-d14 (Surr)	Ave	0.7935			0.000000	2.00	0*	30-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129029.D
Lims ID: mdll4 B
Client ID:
Inject. Date: 29-Nov-2012 19:11:30
Dil. Factor: 1.0000
Sample Type: LODV
Sample ID: 240-0015370-029
Misc. Info.: MDLL4 B =MDLL4 B
Operator: 001574
Instrument ID: A4HP9
Injection Vol: 1.0 ul
ALS Bottle#: 29
Lims Batch ID: 66702
Lims Sample ID: 29
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121129-15370.b\8270 _9.m
Last Update: 17-Dec-2012 14:58:22
Calib Date: 28-Nov-2012 18:11:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121128-15348.b\21127110.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: 5% phenyl
Column Dia: 0.18 mm
Process Host: CORP-CTX-18

First Level Reviewer: ulmanm
Date: 30-Nov-2012 08:03:38

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.907	5.907	0.0	86	82015	4.00	
* 2 Naphthalene-d8	136	7.013	7.013	0.0	97	315766	4.00	
* 3 Acenaphthene-d10	164	8.504	8.503	0.001	73	193810	4.00	
* 4 Phenanthrene-d10	188	9.764	9.764	0.0	80	330926	4.00	
* 5 Chrysene-d12	240	12.307	12.307	0.0	75	309225	4.00	
* 6 Perylene-d12	264	14.380	14.374	0.006	91	202457	4.00	
$ 7 2-Fluorophenol	112		4.662					
$ 8 Phenol-d5	99		5.544					
$ 9 Nitrobenzene-d5	82		6.388					
$ 10 2-Fluorobiphenyl (Surr)	172		7.921					
$ 11 2,4,6-Tribromophenol	330		9.171					
$ 12 Terphenyl-d14	244		11.121					
20 Dimethylformamide	1		0.000					
18 Bis(4-hydroxyphenyl)methane	1		0.000					
23 2,5-Dichlorophenol	1		0.000					
19 Octachlorostyrene	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
13 Octachlorocyclopentene	1		0.000					
22 Bis(2-hydroxyphenyl)methane	1		0.000					
31 2-Picoline	93		2.310					
32 N-Nitrosomethylethylamine	88		2.374					
25 1,4-Dioxane	88		2.520					
34 Methyl methanesulfonate	80		2.587					
30 3-Picoline	93		2.651					
233 n,n'-Dimethylacetamide	44		2.662					
35 Acrylamide	71		2.744					
36 N-Nitrosodiethylamine	102		2.897					
26 N-Nitrosodimethylamine	74		2.969					2
27 Pyridine	79		3.027					
37 Ethyl methanesulfonate	79		3.105					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
38 2-Methylcyclohexanone	68		3.292					
39 3-Methylcyclohexanone	69		3.319					
40 4-Methylcyclohexanone	55		3.356					
45 Pentachloroethane	167		3.501					
42 Phenylmercaptan	110		3.596					
28 Ethyl methacrylate	69		3.658					
232 1-Methyl-2-pyrrilidinone	99		3.880					
56 N-Nitrosopyrrolidine	100		3.992					
59 N-Nitrosomorpholine	56		4.013					
29 3-Chloropropionitrile	54		4.021					
60 2-Toluidine	106		4.040					
52 Indene	115		4.084					
63 N-Nitrosopiperidine	114		4.254					
33 Malononitrile	66		4.352					
68 o,o',o''-Triethylphosphorothioat	198		4.435					
17 4-Chlorophenol	128		4.500					
24 Catechol	110		4.592					
72 alpha,alpha-Dimethyl phenethylam	58		4.601					9
77 2,6-Dichlorophenol	162		4.729					
78 Hexachloropropene	213		4.756					
15 3-Methylcatechol	124		4.913					
83 N-Nitrosodi-n-butylamine	84		4.953					9
85 p-Phenylene diamine	108		4.969					
14 4-Methylcatechol	124		5.036					
81 Benzothiazole	135		5.046					
82 Quinoline	129		5.099					
94 Safrole, Total	162		5.119					
91 1,2,4,5-Tetrachlorobenzene	216		5.327					
225 Isosafrole Peak 1	162		5.333					
227 Isosafrole Peak 2	162		5.498					
41 Benzaldehyde	77		5.512					
43 Phenol	94		5.560					
44 Aniline	93		5.602					
69 Bis(2-chloroethyl)ether	93		5.656					
103 1,4-Naphthoquinone	158		5.680					
46 2-Chlorophenol	128		5.709					
104 1,4-Dinitrobenzene	168		5.712					
96 3,4-Dichloronitrobenzene	109		5.725					
106 1,3-Dinitrobenzene	168		5.771					
101 Phenyl ether	170		5.773					
47 1,3-Dichlorobenzene	146		5.853					
48 1,4-Dichlorobenzene	146		5.918					
49 Benzyl alcohol	108		6.014					
50 1,2-Dichlorobenzene	146		6.056					
115 Pentachlorobenzene	250		6.091					
51 2-Methylphenol	108		6.099					
53 2,2'-oxybis[1-chloropropane]	45		6.137					
117 1-Naphthylamine	143		6.166					
119 2,3,4,6-Tetrachlorophenol	232		6.203					
120 2-Naphthylamine	143		6.225					
21 3 & 4 Methylphenol	108		6.233					
57 N-Nitrosodi-n-propylamine	70		6.243					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
58 Acetophenone	105		6.249					
122 Thionazin	97		6.305					
61 Hexachloroethane	117		6.356					
124 N-Nitro-o-toluidine	152		6.358					
127 Tributyl phosphate	99		6.379					9
62 Nitrobenzene	77		6.404					
130 Diphenylamine	169		6.428					
134 Sulfotepp	202		6.518					
64 Isophorone	82		6.607					
135 1,3,5-Trinitrobenzene	213		6.614					
228 Diallate Peak 1	86		6.630					9
138 Phorate	121		6.636					9
137 Phenacetin	108		6.641					9
66 2-Nitrophenol	139		6.676					
67 1,3,5-Trichlorobenzene	180		6.692					
230 Diallate Peak 2	86		6.695					9
65 2,4-Dimethylphenol	107		6.697					
71 Benzoic acid	122		6.756					
140 Dimethoate	87		6.764					9
70 Bis(2-chloroethoxy)methane	93		6.783					
73 2,4-Dichlorophenol	162		6.879					
129 4-Aminobiphenyl	169		6.892					
144 Pronamide	173		6.919					
145 Pentachloronitrobenzene	237		6.919					
74 1,2,4-Trichlorobenzene	180		6.959					
146 Disulfoton	88		7.010					9
147 Dinoseb	211		7.020					
75 Naphthalene	128		7.034					
76 4-Chloroaniline	127		7.066					
79 Hexachlorobutadiene	225		7.130					
80 1,2,3-Trichlorobenzene	180		7.152					
152 Methyl parathion	109		7.282					9
84 Caprolactam	113		7.349					
86 4-Chloro-3-methylphenol	107		7.456					
155 Ethyl Parathion	97		7.560					
156 4-Nitroquinoline-1-oxide	190		7.613					
153 Diphenylsulfone	125		7.616					
87 2-Methylnaphthalene	142		7.622					
157 Methapyrilene	58		7.645					
88 1-Methylnaphthalene	142		7.702					
90 1,2,3,5-Tetrachlorobenzene	216		7.745					
89 Hexachlorocyclopentadiene	237		7.750					
158 Isodrin	66		7.816					9
92 2,4,6-Trichlorophenol	196		7.846					
93 2,4,5-Trichlorophenol	196		7.878					
97 2,4-Toluene diamine	121		7.990					
99 1,2,3,4 -Tetrachlorobenzene	216		8.001					
98 1,1'-Biphenyl	154		8.012					
100 2-Chloronaphthalene	162		8.033					
102 2-Nitroaniline	65		8.108					
226 Aramite Peak 1	185		8.131					
229 Aramite Peak 2	185		8.185					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
105 Dimethyl phthalate	163		8.247					
163 p-Dimethylamino azobenzene	225		8.276					
164 Chlorobenzilate	139		8.297					
107 2,6-Dinitrotoluene	165		8.305					
108 1,2-Dinitrobenzene	168		8.354					
109 Acenaphthylene	152		8.391					
110 3-Nitroaniline	138		8.450					
167 Famphur	218		8.473					
169 3,3'-Dimethylbenzidine	212		8.516					
111 2,4-Dinitrophenol	184		8.535					
112 Acenaphthene	153		8.535					
113 4-Nitrophenol	109		8.567					
114 2,4-Dinitrotoluene	165		8.647					
116 Dibenzofuran	168		8.679					
171 2-Acetylaminofluorene	181		8.713					
118 2,3,5,6-Tetrachlorophenol	232		8.733					
121 Diethyl phthalate	149		8.840					
123 4-Chlorophenyl phenyl ether	204		8.957					
125 4-Nitroaniline	138		8.968					
126 Fluorene	166		8.968					
128 4,6-Dinitro-2-methylphenol	198		8.989					9
131 N-Nitrosodiphenylamine	169		9.048					
132 1,2-Diphenylhydrazine	77		9.091					
133 Azobenzene	77		9.091					
176 Hexabromobenzene	232		9.208					
139 4-Bromophenyl phenyl ether	248		9.374					
141 Hexachlorobenzene	284		9.433					
142 Atrazine	200		9.481					
179 6-Methylchrysene	242		9.576					
143 Pentachlorophenol	266		9.593					
148 Phenanthrene	178		9.785					
149 Anthracene	178		9.828					
181 7,12-Dimethylbenz(a)anthracene	256		9.856					
150 DFTPP								
151 Carbazole	167		9.951					
154 Di-n-butyl phthalate	149		10.213					
185 3-Methylcholanthrene	268		10.594					
159 Fluoranthene	202		10.795					
160 Benzidine	184		10.891					
161 Pyrene	202		11.003					
166 4,4'-DDE	246		11.061					9
165 4,4'-DDD	235		11.430					
168 Butyl benzyl phthalate	149		11.596					
170 4,4'-DDT	235		11.718					
187 Dibenz[a,h]acridine	279		11.729					
186 Dibenz[a,j]acridine	279		11.804					
172 3,3'-Dimethoxybenzidine	244		12.200					
174 4,4'-Methylene bis(2-chloroanili	231		12.243					
175 3,3'-Dichlorobenzidine	252		12.243					
173 Bis(2-ethylhexyl) phthalate	149		12.269					
177 Benzo[a]anthracene	228		12.296					
178 Chrysene	228		12.344					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
180 Di-n-octyl phthalate	149		13.177					
182 Benzo[b]fluoranthene	252		13.797					
183 Benzo[k]fluoranthene	252		13.835					
184 Benzo[a]pyrene	252		14.294					
188 Indeno[1,2,3-cd]pyrene	276		16.030					
189 Dibenz(a,h)anthracene	278		16.057					
190 Benzo[g,h,i]perylene	276		16.474					
S 191 Methyl Phenols,Total	100		0.000					7
S 95 Isosafrole	162		5.568					7
S 136 Diallate	86		6.701					7
S 162 Aramite, Total	185		8.271					7
T 192 Octadecane (TIC)	57		0.000					
T 195 Hydroquinone TIC	110		0.000					
T 194 Decane TIC	57		0.000					1
T 240 Trimethyl phosphate TIC	110		3.120					1
T 234 2-Isopropylphenol TIC	121		4.623					1
T 236 3-isopropylphenol TIC	121		4.756					1
T 235 4-isopropylphenol TIC	121		4.756					1
T 193 Hexamethylphosphoramide TIC	135		5.100					1
T 237 3-(1,1-Dimethylethyl Phenol) TIC	135		5.110					1
T 196 Kepone TIC	272		8.281					
T 242 Triphenyl Phosphate TIC	326		8.700					1
T 238 2,3,7,8-TCDD TIC	1		9.000					1
T 231 2,3,7,8-TCDD	322		9.150					1
T 197 Hexachlorophene TIC	198		9.269					1
T 241 Tricresyl phosphate TIC	368		9.372					1
T 239 Tris(2,3-dibromopropyl)phosphate	201		10.600					1

QC Flag Legend

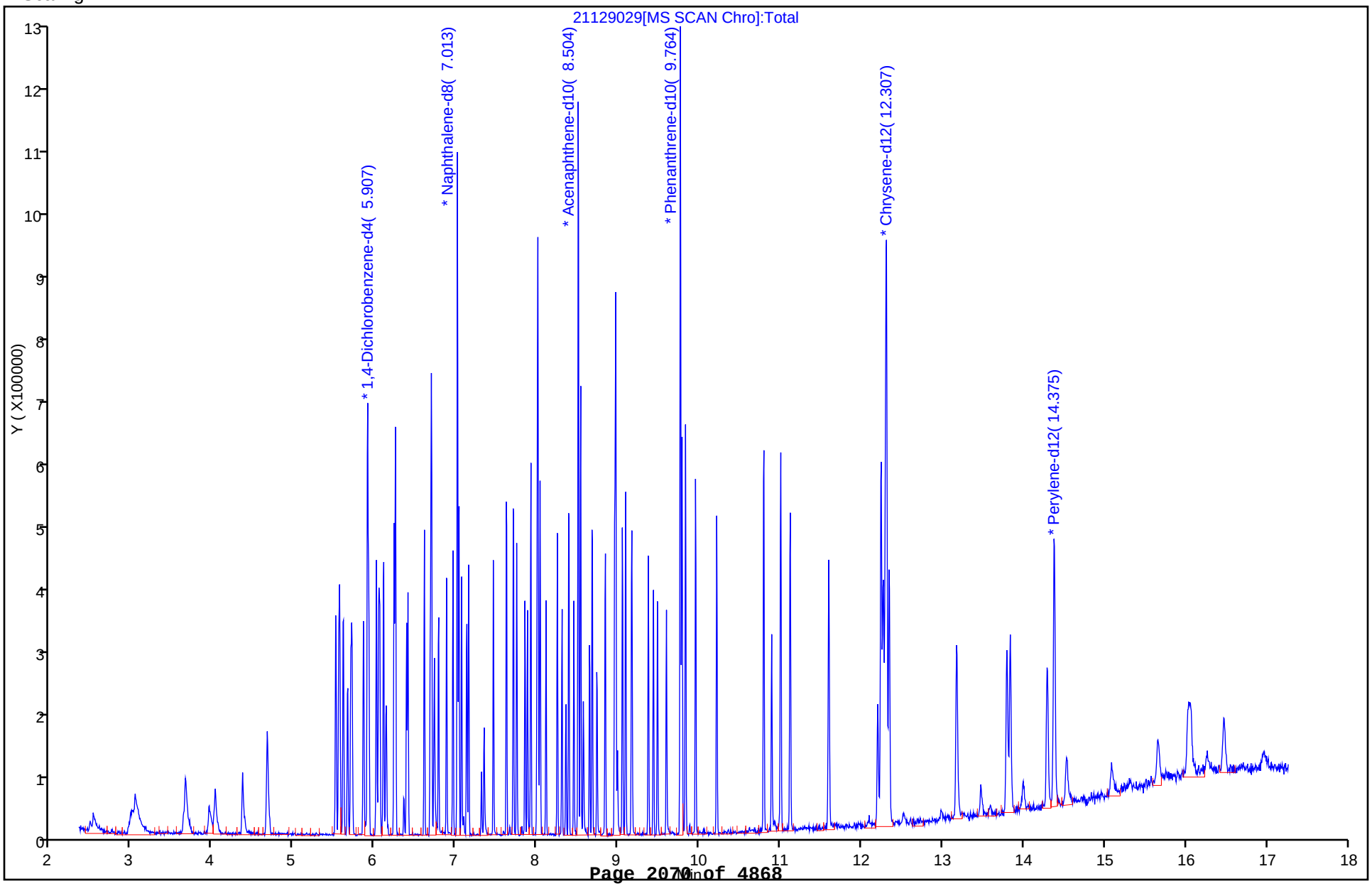
Processing Flags
1 - Missing Peaks
2 - Failed Coelution Test
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

Report Date: 17-Dec-2012 14:58:22 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129029.D		
Injection Date:	29-Nov-2012 19:11:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	66702	Lims Sample ID:	29
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: ICV 240-67070/12 Calibration Date: 12/03/2012 15:52

Instrument ID: A4HP9 Calib Start Date: 11/22/2012 11:53

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 11/22/2012 14:05

Lab File ID: 21203012.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2,4,5-Tetrachlorobenzene	Ave	0.5590			0.000550	10.0		
2,6-Dichlorophenol	Ave	0.2986			0.0100	10.0		
N-Nitrosopyrrolidine	Ave	0.9013			0.00240	10.0		

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203012.D
Lims ID: icv ind
Client ID:
Inject. Date: 03-Dec-2012 15:52:30
Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0015467-012
Misc. Info.: ICV IND =ICV IND
Operator: 001574
Instrument ID: A4HP9
Injection Vol: 1.0 ul
ALS Bottle#: 12
Lims Batch ID: 67070
Lims Sample ID: 12
Sublist:
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\8270 _9.m
Last Update: 04-Dec-2012 08:01:30
Calib Date: 03-Dec-2012 15:01:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: 5% phenyl
Column Dia: 0.18 mm
Process Host: XAWRK031

First Level Reviewer: ulmanm
Date: 03-Dec-2012 16:29:40

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	6.054	6.050	0.004	83	137958	4.00	
* 2 Naphthalene-d8	136	7.154	7.156	-0.002	97	564325	4.00	
* 3 Acenaphthene-d10	164	8.650	8.652	-0.002	62	357466	4.00	
* 4 Phenanthrene-d10	188	9.916	9.918	-0.002	75	594843	4.00	
* 5 Chrysene-d12	240	12.539	12.541	-0.002	74	624609	4.00	
* 6 Perylene-d12	264	14.676	14.677	-0.001	77	454251	4.00	
25 1,4-Dioxane	88	2.805	2.807	-0.002	81	298989	11.2	
26 N-Nitrosodimethylamine	74	3.276	3.272	0.004	77	395535	11.2	
56 N-Nitrosopyrrolidine	100		3.992					
77 2,6-Dichlorophenol	162		4.729					
91 1,2,4,5-Tetrachlorobenzene	216		5.327					
41 Benzaldehyde	77	5.664	5.665	-0.001	79	136744	1.93	
43 Phenol	94	5.701	5.703	-0.002	92	999021	11.2	
44 Aniline	93	5.754	5.751	0.003	84	1054544	9.50	
69 Bis(2-chloroethyl)ether	93	5.802	5.804	-0.002	91	777591	11.3	
46 2-Chlorophenol	128	5.861	5.858	0.003	88	552972	11.0	
47 1,3-Dichlorobenzene	146	6.000	6.002	-0.002	77	614232	11.3	
48 1,4-Dichlorobenzene	146	6.064	6.066	-0.002	75	609410	11.1	
49 Benzyl alcohol	108	6.155	6.157	-0.002	84	453451	10.9	
50 1,2-Dichlorobenzene	146	6.203	6.199	0.004	80	596884	11.3	
119 2,3,4,6-Tetrachlorophenol	232		6.203					
51 2-Methylphenol	108	6.240	6.237	0.003	93	629200	10.6	
53 2,2'-oxybis[1-chloropropane]	45	6.273	6.274	-0.001	95	804619	11.5	
21 3 & 4 Methylphenol	108	6.363	6.365	-0.002	93	697345	11.1	
57 N-Nitrosodi-n-propylamine	70	6.385	6.386	-0.001	70	722835	11.6	
58 Acetophenone	105	6.395	6.392	0.003	75	1003264	11.0	
61 Hexachloroethane	117	6.502	6.504	-0.002	90	273697	10.7	
62 Nitrobenzene	77	6.545	6.547	-0.002	76	1024405	11.3	
64 Isophorone	82	6.743	6.744	-0.001	93	1878947	11.3	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
66 2-Nitrophenol	139	6.817	6.819	-0.002	81	289166	11.7	
65 2,4-Dimethylphenol	107	6.828	6.830	-0.002	96	705084	10.1	
71 Benzoic acid	122	6.882	6.889	-0.007	78	728200	23.2	
70 Bis(2-chloroethoxy)methane	93	6.919	6.915	0.004	98	942848	11.1	
73 2,4-Dichlorophenol	162	7.020	7.017	0.003	92	459393	11.5	
74 1,2,4-Trichlorobenzene	180	7.101	7.102	-0.001	73	540081	10.9	
75 Naphthalene	128	7.175	7.177	-0.002	81	1690873	10.9	
76 4-Chloroaniline	127	7.202	7.204	-0.002	78	658560	10.7	
79 Hexachlorobutadiene	225	7.272	7.268	0.004	87	301779	11.2	
84 Caprolactam	113	7.485	7.487	-0.002	82	207806	12.7	
86 4-Chloro-3-methylphenol	107	7.592	7.594	-0.002	79	631746	10.8	
87 2-Methylnaphthalene	142	7.763	7.759	0.004	84	1069979	11.0	
89 Hexachlorocyclopentadiene	237	7.891	7.893	-0.002	85	340568	11.9	
92 2,4,6-Trichlorophenol	196	7.987	7.989	-0.002	85	345636	11.2	
93 2,4,5-Trichlorophenol	196	8.019	8.016	0.003	90	372765	10.9	
98 1,1'-Biphenyl	154	8.148	8.149	-0.001	95	1442922	11.2	
100 2-Chloronaphthalene	162	8.180	8.181	-0.001	93	1098957	11.2	
102 2-Nitroaniline	65	8.249	8.246	0.003	71	520802	11.4	
105 Dimethyl phthalate	163	8.388	8.384	0.004	93	1277892	11.0	
107 2,6-Dinitrotoluene	165	8.441	8.443	-0.002	73	283135	11.7	
109 Acenaphthylene	152	8.532	8.534	-0.002	68	1713965	10.9	
110 3-Nitroaniline	138	8.591	8.593	-0.002	80	290092	11.2	
111 2,4-Dinitrophenol	184	8.676	8.678	-0.002	70	353977	20.9	
112 Acenaphthene	153	8.676	8.678	-0.002	87	1082656	10.9	
113 4-Nitrophenol	109	8.698	8.700	-0.002	83	223052	11.7	
114 2,4-Dinitrotoluene	165	8.789	8.785	0.004	74	379742	11.7	
116 Dibenzofuran	168	8.826	8.822	0.004	85	1536053	10.7	
121 Diethyl phthalate	149	8.976	8.977	-0.001	95	1255517	10.9	
123 4-Chlorophenyl phenyl ether	204	9.099	9.100	-0.001	88	671563	10.9	
125 4-Nitroaniline	138	9.109	9.111	-0.002	77	266974	9.76	
126 Fluorene	166	9.115	9.116	-0.001	70	1257544	10.3	
128 4,6-Dinitro-2-methylphenol	198	9.131	9.132	-0.001	73	241096	10.8	
131 N-Nitrosodiphenylamine	169	9.195	9.191	0.004	92	903611	11.0	
133 Azobenzene	77	9.232	9.234	-0.002	93	2441037	12.2	
139 4-Bromophenyl phenyl ether	248	9.515	9.517	-0.002	66	349204	11.6	
141 Hexachlorobenzene	284	9.585	9.581	0.004	82	343623	11.4	
142 Atrazine	200	9.622	9.624	-0.002	79	194049	7.42	
143 Pentachlorophenol	266	9.740	9.741	-0.001	78	519711	22.7	
148 Phenanthrene	178	9.937	9.939	-0.002	81	2004995	11.3	
149 Anthracene	178	9.980	9.982	-0.002	82	2024057	11.4	
151 Carbazole	167	10.103	10.105	-0.002	61	1772488	11.1	
154 Di-n-butyl phthalate	149	10.354	10.356	-0.002	99	2294133	11.7	
159 Fluoranthene	202	10.958	10.959	-0.001	78	2302388	11.4	
160 Benzidine	184	11.054	11.050	0.004	70	47446	0.9461	
161 Pyrene	202	11.177	11.178	-0.001	73	2309487	10.7	
168 Butyl benzyl phthalate	149	11.786	11.787	-0.001	85	933651	10.8	
175 3,3'-Dichlorobenzidine	252	12.464	12.466	-0.002	72	570939	7.99	
173 Bis(2-ethylhexyl) phthalate	149	12.480	12.482	-0.002	93	1344128	10.5	
177 Benzo[a]anthracene	228	12.523	12.525	-0.002	79	2038561	10.5	
178 Chrysene	228	12.571	12.573	-0.002	81	1927989	10.8	
180 Di-n-octyl phthalate	149	13.420	13.422	-0.002	98	2198975	11.2	
182 Benzo[b]fluoranthene	252	14.077	14.079	-0.002	86	1815220	11.5	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
183 Benzo[k]fluoranthene	252	14.120	14.122	-0.002	80	1940920	12.0	
184 Benzo[a]pyrene	252	14.590	14.597	-0.007	75	1585356	10.7	
188 Indeno[1,2,3-cd]pyrene	276	16.401	16.403	-0.002	78	1943034	11.9	
189 Dibenz(a,h)anthracene	278	16.428	16.430	-0.002	55	1606401	12.0	
190 Benzo[g,h,i]perylene	276	16.882	16.889	-0.007	79	1616215	11.8	

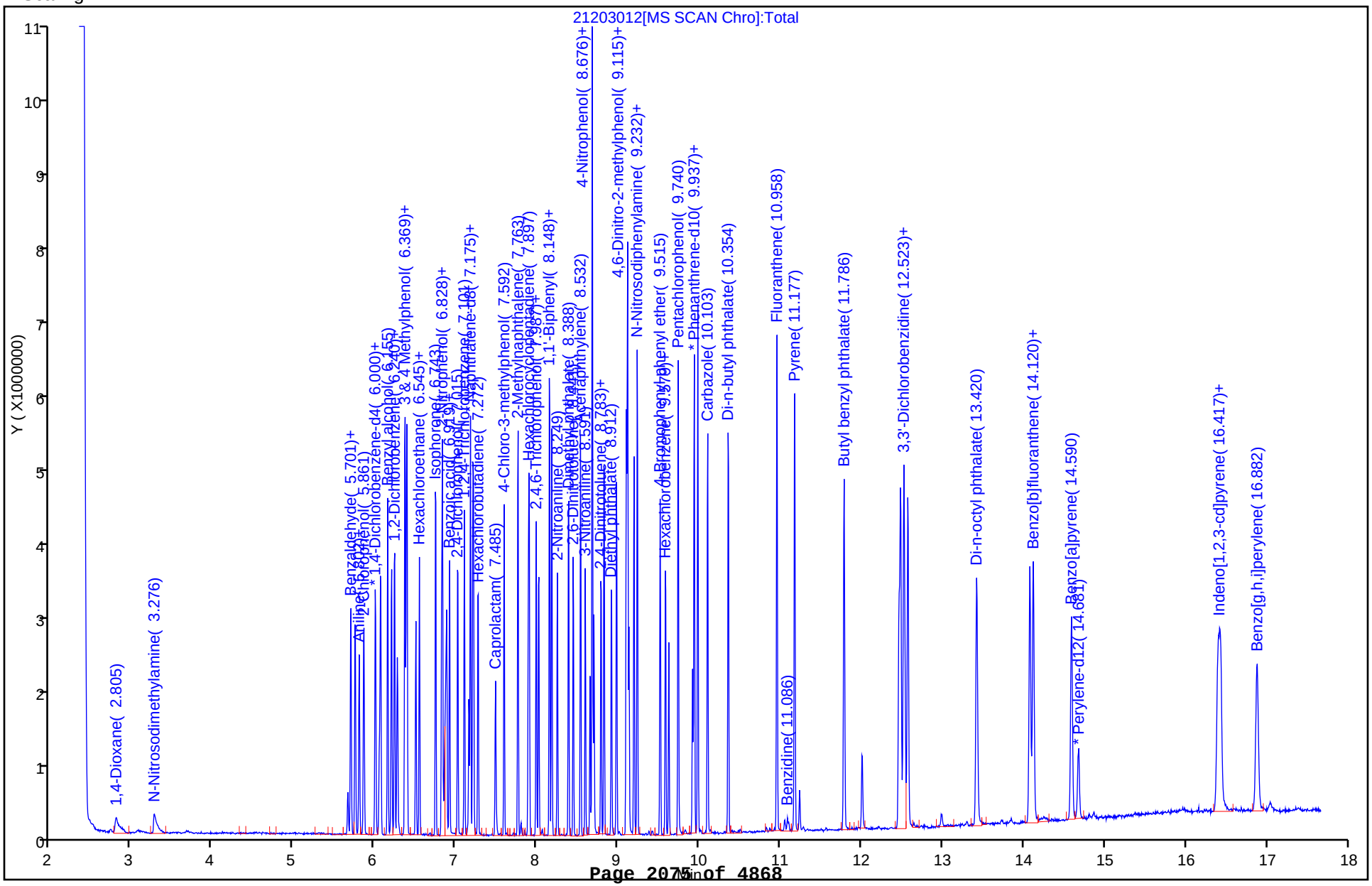
Report Date: 04-Dec-2012 08:01:33 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203012.D

Injection Date:	03-Dec-2012 15:52:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	12
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: ICV 240-67070/12 Calibration Date: 12/03/2012 15:52

Instrument ID: A4HP9 Calib Start Date: 12/03/2012 11:32

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/03/2012 15:01

Lab File ID: 21203012.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.7764	0.8669		11.2	10.0	11.7	
N-Nitrosodimethylamine	Ave	1.020	1.147		11.2	10.0	12.4	
Benzaldehyde	Qua		0.3965		1.93	10.0	-80.7	
Phenol	Ave	2.575	2.897		11.2	10.0	12.5	
Aniline	Ave	3.218	3.058		9.50	10.0	-5.0	
Bis(2-chloroethyl)ether	Ave	1.987	2.255		11.3	10.0	13.5	
2-Chlorophenol	Ave	1.461	1.603		11.0	10.0	9.8	
1,3-Dichlorobenzene	Ave	1.570	1.781		11.3	10.0	13.4	
1,4-Dichlorobenzene	Ave	1.586	1.767		11.1	10.0	11.4	
Benzyl alcohol	Ave	1.204	1.315		10.9	10.0	9.2	
1,2-Dichlorobenzene	Ave	1.526	1.731		11.3	10.0	13.4	
2-Methylphenol	Ave	1.718	1.824		10.6	10.0	6.2	
3 & 4 Methylphenol	Ave	1.828	2.022		11.1	10.0	10.6	
N-Nitrosodi-n-propylamine	Ave	1.801	2.096		11.6	10.0	16.4	
Acetophenone	Ave	2.653	2.909		11.0	10.0	9.6	
Hexachloroethane	Ave	0.7420	0.7936		10.7	10.0	7.0	
Nitrobenzene	Ave	0.6444	0.7261		11.3	10.0	12.7	
Isophorone	Ave	1.175	1.332		11.3	10.0	13.3	
2-Nitrophenol	Ave	0.1757	0.2050		11.7	10.0	16.7	
2,4-Dimethylphenol	Ave	0.4935	0.4998		10.1	10.0	1.3	
Benzoic acid	Qua		0.2581		23.2	20.0	16.1	
Bis(2-chloroethoxy)methane	Ave	0.6014	0.6683		11.1	10.0	11.1	
2,4-Dichlorophenol	Ave	0.2834	0.3256		11.5	10.0	14.9	
1,2,4-Trichlorobenzene	Ave	0.3506	0.3828		10.9	10.0	9.2	
Naphthalene	Ave	1.099	1.199		10.9	10.0	9.1	
Hexachlorobutadiene	Ave	0.1912	0.2139		11.2	10.0	11.9	
Caprolactam	Ave	0.1156	0.1473		12.7	10.0	27.4	
4-Chloro-3-methylphenol	Ave	0.4157	0.4478		10.8	10.0	7.7	
2-Methylnaphthalene	Ave	0.6886	0.7584		11.0	10.0	10.1	
Hexachlorocyclopentadiene	Ave	0.3216	0.3811		11.9	10.0	18.5	
2,4,6-Trichlorophenol	Ave	0.3463	0.3868		11.2	10.0	11.7	
2,4,5-Trichlorophenol	Ave	0.3811	0.4171		10.9	10.0	9.5	
1,1'-Biphenyl	Ave	1.445	1.615		11.2	10.0	11.8	
2-Chloronaphthalene	Ave	1.103	1.230		11.2	10.0	11.5	
2-Nitroaniline	Ave	0.5134	0.5828		11.4	10.0	13.5	
Dimethyl phthalate	Ave	1.299	1.430		11.0	10.0	10.0	
2,6-Dinitrotoluene	Ave	0.2702	0.3168		11.7	10.0	17.2	
Acenaphthylene	Ave	1.759	1.918		10.9	10.0	9.0	
3-Nitroaniline	Ave	0.2907	0.3246		11.2	10.0	11.7	
2,4-Dinitrophenol	Qua		0.1981		20.9	20.0	4.3	
Acenaphthene	Ave	1.116	1.211		10.9	10.0	8.6	

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: ICV 240-67070/12 Calibration Date: 12/03/2012 15:52

Instrument ID: A4HP9 Calib Start Date: 12/03/2012 11:32

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/03/2012 15:01

Lab File ID: 21203012.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Nitrophenol	Ave	0.2139	0.2496		11.7	10.0	16.7	
2,4-Dinitrotoluene	Ave	0.3626	0.4249		11.7	10.0	17.2	
Dibenzofuran	Ave	1.610	1.719		10.7	10.0	6.8	
Diethyl phthalate	Ave	1.286	1.405		10.9	10.0	9.2	
4-Chlorophenyl phenyl ether	Ave	0.6916	0.7515		10.9	10.0	8.7	
4-Nitroaniline	Ave	0.3061	0.2987		9.76	10.0	-2.4	
Fluorene	Ave	1.363	1.407		10.3	10.0	3.2	
4,6-Dinitro-2-methylphenol	Qua		0.1621		10.8	10.0	7.6	
N-Nitrosodiphenylamine	Ave	0.5526	0.6076		11.0	10.0	10.0	
4-Bromophenyl phenyl ether	Ave	0.2017	0.2348		11.6	10.0	16.4	
Hexachlorobenzene	Ave	0.2035	0.2311		11.4	10.0	13.5	
Atrazine	Ave	0.1759	0.1305		7.42	10.0	-25.8	
Pentachlorophenol	Qua		0.1747		22.7	20.0	13.4	
Phenanthrene	Ave	1.195	1.348		11.3	10.0	12.8	
Anthracene	Ave	1.197	1.361		11.4	10.0	13.7	
Carbazole	Ave	1.072	1.192		11.1	10.0	11.2	
Di-n-butyl phthalate	Ave	1.317	1.543		11.7	10.0	17.1	
Fluoranthene	Ave	1.364	1.548		11.4	10.0	13.5	
Benzidine	Qua		0.0304		0.946	10.0	-90.5	
Pyrene	Ave	1.384	1.479		10.7	10.0	6.9	
Butyl benzyl phthalate	Ave	0.5524	0.5979		10.8	10.0	8.2	
3,3'-Dichlorobenzidine	Qua		0.3656		7.99	10.0	-20.1	
Bis(2-ethylhexyl) phthalate	Ave	0.8220	0.8608		10.5	10.0	4.7	
Benzo[a]anthracene	Ave	1.246	1.306		10.5	10.0	4.8	
Chrysene	Ave	1.142	1.235		10.8	10.0	8.1	
Di-n-octyl phthalate	Qua		1.936		11.2	10.0	11.6	
Benzo[b]fluoranthene	Ave	1.387	1.598		11.5	10.0	15.3	
Benzo[k]fluoranthene	Ave	1.426	1.709		12.0	10.0	19.9	
Benzo[a]pyrene	Ave	1.309	1.396		10.7	10.0	6.7	
Indeno[1,2,3-cd]pyrene	Ave	1.438	1.711		11.9	10.0	19.0	
Dibenz(a,h)anthracene	Ave	1.180	1.415		12.0	10.0	19.9	
Benzo[g,h,i]perylene	Ave	1.208	1.423		11.8	10.0	17.8	

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203012.D
Lims ID: icv ind
Client ID:
Inject. Date: 03-Dec-2012 15:52:30
Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0015467-012
Misc. Info.: ICV IND =ICV IND
Operator: 001574
Instrument ID: A4HP9
Injection Vol: 1.0 ul
ALS Bottle#: 12
Lims Batch ID: 67070
Lims Sample ID: 12
Sublist:
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\8270 _9.m
Last Update: 04-Dec-2012 08:01:30
Calib Date: 03-Dec-2012 15:01:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: 5% phenyl
Column Dia: 0.18 mm
Process Host: XAWRK031

First Level Reviewer: ulmanm
Date: 03-Dec-2012 16:29:40

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	6.054	6.050	0.004	83	137958	4.00	
* 2 Naphthalene-d8	136	7.154	7.156	-0.002	97	564325	4.00	
* 3 Acenaphthene-d10	164	8.650	8.652	-0.002	62	357466	4.00	
* 4 Phenanthrene-d10	188	9.916	9.918	-0.002	75	594843	4.00	
* 5 Chrysene-d12	240	12.539	12.541	-0.002	74	624609	4.00	
* 6 Perylene-d12	264	14.676	14.677	-0.001	77	454251	4.00	
25 1,4-Dioxane	88	2.805	2.807	-0.002	81	298989	11.2	
26 N-Nitrosodimethylamine	74	3.276	3.272	0.004	77	395535	11.2	
56 N-Nitrosopyrrolidine	100		3.992					
77 2,6-Dichlorophenol	162		4.729					
91 1,2,4,5-Tetrachlorobenzene	216		5.327					
41 Benzaldehyde	77	5.664	5.665	-0.001	79	136744	1.93	
43 Phenol	94	5.701	5.703	-0.002	92	999021	11.2	
44 Aniline	93	5.754	5.751	0.003	84	1054544	9.50	
69 Bis(2-chloroethyl)ether	93	5.802	5.804	-0.002	91	777591	11.3	
46 2-Chlorophenol	128	5.861	5.858	0.003	88	552972	11.0	
47 1,3-Dichlorobenzene	146	6.000	6.002	-0.002	77	614232	11.3	
48 1,4-Dichlorobenzene	146	6.064	6.066	-0.002	75	609410	11.1	
49 Benzyl alcohol	108	6.155	6.157	-0.002	84	453451	10.9	
50 1,2-Dichlorobenzene	146	6.203	6.199	0.004	80	596884	11.3	
119 2,3,4,6-Tetrachlorophenol	232		6.203					
51 2-Methylphenol	108	6.240	6.237	0.003	93	629200	10.6	
53 2,2'-oxybis[1-chloropropane]	45	6.273	6.274	-0.001	95	804619	11.5	
21 3 & 4 Methylphenol	108	6.363	6.365	-0.002	93	697345	11.1	
57 N-Nitrosodi-n-propylamine	70	6.385	6.386	-0.001	70	722835	11.6	
58 Acetophenone	105	6.395	6.392	0.003	75	1003264	11.0	
61 Hexachloroethane	117	6.502	6.504	-0.002	90	273697	10.7	
62 Nitrobenzene	77	6.545	6.547	-0.002	76	1024405	11.3	
64 Isophorone	82	6.743	6.744	-0.001	93	1878947	11.3	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
66 2-Nitrophenol	139	6.817	6.819	-0.002	81	289166	11.7	
65 2,4-Dimethylphenol	107	6.828	6.830	-0.002	96	705084	10.1	
71 Benzoic acid	122	6.882	6.889	-0.007	78	728200	23.2	
70 Bis(2-chloroethoxy)methane	93	6.919	6.915	0.004	98	942848	11.1	
73 2,4-Dichlorophenol	162	7.020	7.017	0.003	92	459393	11.5	
74 1,2,4-Trichlorobenzene	180	7.101	7.102	-0.001	73	540081	10.9	
75 Naphthalene	128	7.175	7.177	-0.002	81	1690873	10.9	
76 4-Chloroaniline	127	7.202	7.204	-0.002	78	658560	10.7	
79 Hexachlorobutadiene	225	7.272	7.268	0.004	87	301779	11.2	
84 Caprolactam	113	7.485	7.487	-0.002	82	207806	12.7	
86 4-Chloro-3-methylphenol	107	7.592	7.594	-0.002	79	631746	10.8	
87 2-Methylnaphthalene	142	7.763	7.759	0.004	84	1069979	11.0	
89 Hexachlorocyclopentadiene	237	7.891	7.893	-0.002	85	340568	11.9	
92 2,4,6-Trichlorophenol	196	7.987	7.989	-0.002	85	345636	11.2	
93 2,4,5-Trichlorophenol	196	8.019	8.016	0.003	90	372765	10.9	
98 1,1'-Biphenyl	154	8.148	8.149	-0.001	95	1442922	11.2	
100 2-Chloronaphthalene	162	8.180	8.181	-0.001	93	1098957	11.2	
102 2-Nitroaniline	65	8.249	8.246	0.003	71	520802	11.4	
105 Dimethyl phthalate	163	8.388	8.384	0.004	93	1277892	11.0	
107 2,6-Dinitrotoluene	165	8.441	8.443	-0.002	73	283135	11.7	
109 Acenaphthylene	152	8.532	8.534	-0.002	68	1713965	10.9	
110 3-Nitroaniline	138	8.591	8.593	-0.002	80	290092	11.2	
111 2,4-Dinitrophenol	184	8.676	8.678	-0.002	70	353977	20.9	
112 Acenaphthene	153	8.676	8.678	-0.002	87	1082656	10.9	
113 4-Nitrophenol	109	8.698	8.700	-0.002	83	223052	11.7	
114 2,4-Dinitrotoluene	165	8.789	8.785	0.004	74	379742	11.7	
116 Dibenzofuran	168	8.826	8.822	0.004	85	1536053	10.7	
121 Diethyl phthalate	149	8.976	8.977	-0.001	95	1255517	10.9	
123 4-Chlorophenyl phenyl ether	204	9.099	9.100	-0.001	88	671563	10.9	
125 4-Nitroaniline	138	9.109	9.111	-0.002	77	266974	9.76	
126 Fluorene	166	9.115	9.116	-0.001	70	1257544	10.3	
128 4,6-Dinitro-2-methylphenol	198	9.131	9.132	-0.001	73	241096	10.8	
131 N-Nitrosodiphenylamine	169	9.195	9.191	0.004	92	903611	11.0	
133 Azobenzene	77	9.232	9.234	-0.002	93	2441037	12.2	
139 4-Bromophenyl phenyl ether	248	9.515	9.517	-0.002	66	349204	11.6	
141 Hexachlorobenzene	284	9.585	9.581	0.004	82	343623	11.4	
142 Atrazine	200	9.622	9.624	-0.002	79	194049	7.42	
143 Pentachlorophenol	266	9.740	9.741	-0.001	78	519711	22.7	
148 Phenanthrene	178	9.937	9.939	-0.002	81	2004995	11.3	
149 Anthracene	178	9.980	9.982	-0.002	82	2024057	11.4	
151 Carbazole	167	10.103	10.105	-0.002	61	1772488	11.1	
154 Di-n-butyl phthalate	149	10.354	10.356	-0.002	99	2294133	11.7	
159 Fluoranthene	202	10.958	10.959	-0.001	78	2302388	11.4	
160 Benzidine	184	11.054	11.050	0.004	70	47446	0.9461	
161 Pyrene	202	11.177	11.178	-0.001	73	2309487	10.7	
168 Butyl benzyl phthalate	149	11.786	11.787	-0.001	85	933651	10.8	
175 3,3'-Dichlorobenzidine	252	12.464	12.466	-0.002	72	570939	7.99	
173 Bis(2-ethylhexyl) phthalate	149	12.480	12.482	-0.002	93	1344128	10.5	
177 Benzo[a]anthracene	228	12.523	12.525	-0.002	79	2038561	10.5	
178 Chrysene	228	12.571	12.573	-0.002	81	1927989	10.8	
180 Di-n-octyl phthalate	149	13.420	13.422	-0.002	98	2198975	11.2	
182 Benzo[b]fluoranthene	252	14.077	14.079	-0.002	86	1815220	11.5	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
183 Benzo[k]fluoranthene	252	14.120	14.122	-0.002	80	1940920	12.0	
184 Benzo[a]pyrene	252	14.590	14.597	-0.007	75	1585356	10.7	
188 Indeno[1,2,3-cd]pyrene	276	16.401	16.403	-0.002	78	1943034	11.9	
189 Dibenz(a,h)anthracene	278	16.428	16.430	-0.002	55	1606401	12.0	
190 Benzo[g,h,i]perylene	276	16.882	16.889	-0.007	79	1616215	11.8	

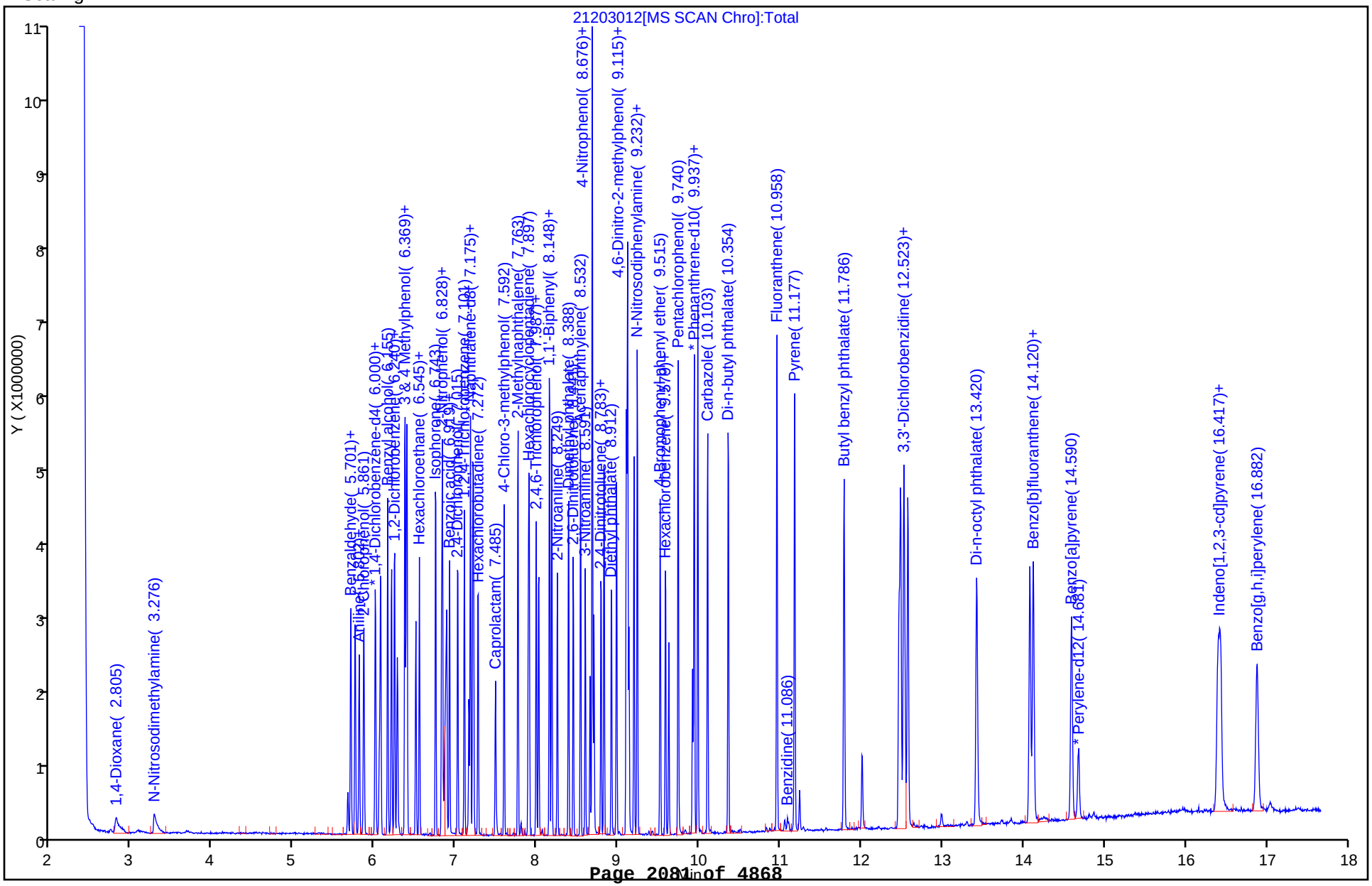
Report Date: 04-Dec-2012 08:01:33 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203012.D

Injection Date:	03-Dec-2012 15:52:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	12
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: CCV 240-67921/2 Calibration Date: 12/10/2012 07:55

Instrument ID: A4HP9 Calib Start Date: 12/03/2012 11:32

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/03/2012 15:01

Lab File ID: 21210002.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.7764	0.7023		9.05	10.0	-9.5	
N-Nitrosodimethylamine	Ave	1.020	1.185		11.6	10.0	16.2	
Pyridine	Ave	2.082	2.095		10.1	10.0	0.6	
Benzaldehyde	Qua		1.801		9.76	10.0	-2.4	
Phenol	Ave	2.575	2.598		10.1	10.0	0.9	
Aniline	Ave	3.218	3.240		10.1	10.0	0.7	
Bis(2-chloroethyl)ether	Ave	1.987	1.984		9.99	10.0	-0.1	
2-Chlorophenol	Ave	1.461	1.456		9.97	10.0	-0.3	
1,3-Dichlorobenzene	Ave	1.570	1.530		9.74	10.0	-2.6	
1,4-Dichlorobenzene	Ave	1.586	1.559		9.83	10.0	-1.7	
Benzyl alcohol	Ave	1.204	1.236		10.3	10.0	2.6	
1,2-Dichlorobenzene	Ave	1.526	1.462		9.57	10.0	-4.3	
2-Methylphenol	Ave	1.718	1.751		10.2	10.0	1.9	
3 & 4 Methylphenol	Ave	1.828	1.928		10.5	10.0	5.5	
N-Nitrosodi-n-propylamine	Ave	1.801	1.882		10.5	10.0	4.5	
Acetophenone	Ave	2.653	2.566		9.67	10.0	-3.3	
Hexachloroethane	Ave	0.7420	0.7078		9.54	10.0	-4.6	
Nitrobenzene	Ave	0.6444	0.6250		9.70	10.0	-3.0	
Isophorone	Ave	1.175	1.130		9.62	10.0	-3.8	
2-Nitrophenol	Ave	0.1757	0.1808		10.3	10.0	2.9	
2,4-Dimethylphenol	Ave	0.4935	0.4646		9.41	10.0	-5.9	
Benzoic acid	Qua		0.1840		17.3	20.0	-13.6	
Bis(2-chloroethoxy)methane	Ave	0.6014	0.5962		9.91	10.0	-0.9	
2,4-Dichlorophenol	Ave	0.2834	0.2819		9.95	10.0	-0.5	
1,2,4-Trichlorobenzene	Ave	0.3506	0.3311		9.45	10.0	-5.5	
Naphthalene	Ave	1.099	1.041		9.48	10.0	-5.2	
Hexachlorobutadiene	Ave	0.1912	0.1862		9.74	10.0	-2.6	
Caprolactam	Ave	0.1156	0.1355		11.7	10.0	17.3	
4-Chloro-3-methylphenol	Ave	0.4157	0.4153		9.99	10.0	-0.1	
2-Methylnaphthalene	Ave	0.6886	0.6736		9.78	10.0	-2.2	
Hexachlorocyclopentadiene	Ave	0.3216	0.2853		8.87	10.0	-11.3	
2,4,6-Trichlorophenol	Ave	0.3463	0.3324		9.60	10.0	-4.0	
2,4,5-Trichlorophenol	Ave	0.3811	0.3578		9.39	10.0	-6.1	
1,1'-Biphenyl	Ave	1.445	1.395		9.66	10.0	-3.4	
2-Chloronaphthalene	Ave	1.103	1.058		9.60	10.0	-4.0	
2-Nitroaniline	Ave	0.5134	0.5135		10.0	10.0	0.0	
Dimethyl phthalate	Ave	1.299	1.224		9.42	10.0	-5.8	
2,6-Dinitrotoluene	Ave	0.2702	0.2729		10.1	10.0	1.0	
Acenaphthylene	Ave	1.759	1.707		9.70	10.0	-3.0	
3-Nitroaniline	Ave	0.2907	0.3003		10.3	10.0	3.3	
Acenaphthene	Ave	1.116	1.062		9.52	10.0	-4.8	

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: CCV 240-67921/2 Calibration Date: 12/10/2012 07:55

Instrument ID: A4HP9 Calib Start Date: 12/03/2012 11:32

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/03/2012 15:01

Lab File ID: 21210002.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,4-Dinitrophenol	Qua		0.1627		17.6	20.0	-12.2	
4-Nitrophenol	Ave	0.2139	0.2068		9.67	10.0	-3.3	
2,4-Dinitrotoluene	Ave	0.3626	0.3733		10.3	10.0	3.0	
Dibenzofuran	Ave	1.610	1.546		9.60	10.0	-4.0	
Diethyl phthalate	Ave	1.286	1.186		9.22	10.0	-7.8	
4-Chlorophenyl phenyl ether	Ave	0.6916	0.6539		9.45	10.0	-5.5	
4-Nitroaniline	Ave	0.3061	0.3191		10.4	10.0	4.2	
Fluorene	Ave	1.363	1.286		9.44	10.0	-5.6	
4,6-Dinitro-2-methylphenol	Qua		0.1461		9.77	10.0	-2.3	
N-Nitrosodiphenylamine	Ave	0.5526	0.5407		9.79	10.0	-2.1	
1,2-Diphenylhydrazine(as Azobenzene)	Ave	1.346	1.343		9.98	10.0	-0.2	
4-Bromophenyl phenyl ether	Ave	0.2017	0.2080		10.3	10.0	3.1	
Hexachlorobenzene	Ave	0.2035	0.2082		10.2	10.0	2.3	
Atrazine	Ave	0.1759	0.1853		10.5	10.0	5.3	
Pentachlorophenol	Qua		0.1323		17.5	20.0	-12.6	
Phenanthrene	Ave	1.195	1.146		9.59	10.0	-4.1	
Anthracene	Ave	1.197	1.201		10.0	10.0	0.4	
Carbazole	Ave	1.072	1.034		9.64	10.0	-3.6	
Di-n-butyl phthalate	Ave	1.317	1.249		9.48	10.0	-5.2	
Fluoranthene	Ave	1.364	1.303		9.56	10.0	-4.4	
Benzidine	Qua		0.6801		9.15	10.0	-8.5	
Pyrene	Ave	1.384	1.353		9.78	10.0	-2.2	
Butyl benzyl phthalate	Ave	0.5524	0.5107		9.25	10.0	-7.5	
3,3'-Dichlorobenzidine	Qua		0.4228		9.17	10.0	-8.3	
Bis(2-ethylhexyl) phthalate	Ave	0.8220	0.7364		8.96	10.0	-10.4	
Benzo[a]anthracene	Ave	1.246	1.167		9.37	10.0	-6.3	
Chrysene	Ave	1.142	1.082		9.47	10.0	-5.3	
Di-n-octyl phthalate	Qua		1.469		8.77	10.0	-12.3	
Benzo[b]fluoranthene	Ave	1.387	1.343		9.69	10.0	-3.1	
Benzo[k]fluoranthene	Ave	1.426	1.386		9.72	10.0	-2.8	
Benzo[a]pyrene	Ave	1.309	1.270		9.70	10.0	-3.0	
Indeno[1,2,3-cd]pyrene	Ave	1.438	1.433		9.97	10.0	-0.3	
Dibenz(a,h)anthracene	Ave	1.180	1.176		9.96	10.0	-0.4	
Benzo[g,h,i]perylene	Ave	1.208	1.194		9.88	10.0	-1.2	
2-Fluorophenol (Surr)	Ave	1.574	1.587		10.1	10.0	0.8	
Phenol-d5 (Surr)	Ave	2.273	2.303		10.1	10.0	1.3	
Nitrobenzene-d5 (Surr)	Ave	0.6121	0.5901		9.64	10.0	-3.6	
2-Fluorobiphenyl (Surr)	Ave	1.328	1.231		9.26	10.0	-7.4	
2,4,6-Tribromophenol (Surr)	Ave	0.1549	0.1596		10.3	10.0	3.0	
Terphenyl-d14 (Surr)	Ave	0.8194	0.7570		9.24	10.0	-7.6	

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121210-15667.b\21210002.D
Lims ID: ccv tcl
Client ID:
Inject. Date: 10-Dec-2012 07:55:30
Dil. Factor: 1.0000
Sample Type: CCVIS
Sample ID: 240-0015667-002
Misc. Info.: CCV TCL =CCV TCL
Operator: 001574
Instrument ID: A4HP9
Injection Vol: 1.0 ul
ALS Bottle#: 2
Lims Batch ID: 67921
Lims Sample ID: 2
Sublist: chrom-8270 _9*sub13
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121210-15667.b\8270 _9.m
Last Update: 11-Dec-2012 08:19:38
Calib Date: 03-Dec-2012 15:01:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: 5% phenyl
Column Dia: 0.18 mm
Process Host: XAWRK035

First Level Reviewer: ulmanm
Date: 10-Dec-2012 08:35:36

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.937	5.937	0.0	88	149522	4.00	
* 2 Naphthalene-d8	136	7.054	7.054	0.0	98	634248	4.00	
* 3 Acenaphthene-d10	164	8.550	8.550	0.0	60	405655	4.00	
* 4 Phenanthrene-d10	188	9.805	9.805	0.0	77	692709	4.00	
* 5 Chrysene-d12	240	12.359	12.359	0.0	77	708549	4.00	
* 6 Perylene-d12	264	14.442	14.442	0.0	71	570099	4.00	
$ 7 2-Fluorophenol	112	4.677	4.677	0.0	92	593159	10.1	
$ 8 Phenol-d5	99	5.579	5.579	0.0	0	860854	10.1	
$ 9 Nitrobenzene-d5	82	6.424	6.424	0.0	83	935656	9.64	
$ 10 2-Fluorobiphenyl (Surr)	172	7.962	7.962	0.0	94	1248071	9.26	
$ 11 2,4,6-Tribromophenol	330	9.212	9.212	0.0	81	161823	10.3	
$ 12 Terphenyl-d14	244	11.157	11.157	0.0	95	1340984	9.24	
25 1,4-Dioxane	88	2.380	2.380	0.0	90	262539	9.05	
26 N-Nitrosodimethylamine	74	2.866	2.866	0.0	75	443111	11.6	
27 Pyridine	79	2.914	2.914	0.0	87	783162	10.1	
28 Ethyl methacrylate	69	3.608	3.608	0.0	78	748736	9.92	
29 3-Chloropropionitrile	54	4.004	4.004	0.0	83	321249	11.6	
33 Malononitrile	66		4.404					
41 Benzaldehyde	77	5.537	5.537	0.0	85	673122	9.76	
43 Phenol	94	5.590	5.590	0.0	96	971205	10.1	
44 Aniline	93	5.633	5.633	0.0	83	1211086	10.1	
69 Bis(2-chloroethyl)ether	93	5.686	5.686	0.0	95	741537	9.99	
46 2-Chlorophenol	128	5.745	5.745	0.0	89	544301	9.97	
47 1,3-Dichlorobenzene	146	5.889	5.889	0.0	81	571939	9.74	
48 1,4-Dichlorobenzene	146	5.953	5.953	0.0	79	582894	9.83	
49 Benzyl alcohol	108	6.050	6.050	0.0	85	461879	10.3	
50 1,2-Dichlorobenzene	146	6.092	6.092	0.0	79	546331	9.57	
51 2-Methylphenol	108	6.140	6.140	0.0	94	654500	10.2	
53 2,2'-oxybis[1-chloropropane]	45	6.167	6.167	0.0	95	756849	10.0	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
21 3 & 4 Methylphenol	108	6.269	6.269	0.0	93	720666	10.5	
57 N-Nitrosodi-n-propylamine	70	6.279	6.279	0.0	71	703615	10.5	
58 Acetophenone	105	6.290	6.290	0.0	79	959147	9.67	
61 Hexachloroethane	117	6.391	6.391	0.0	90	264596	9.54	
62 Nitrobenzene	77	6.440	6.440	0.0	73	991080	9.70	
64 Isophorone	82	6.643	6.643	0.0	93	1791859	9.62	
66 2-Nitrophenol	139	6.717	6.717	0.0	86	286744	10.3	
67 1,3,5-Trichlorobenzene	180	6.728	6.728	0.0	84	532473	9.31	
65 2,4-Dimethylphenol	107	6.733	6.733	0.0	93	736631	9.41	
71 Benzoic acid	122	6.803	6.803	0.0	75	583388	17.3	
70 Bis(2-chloroethoxy)methane	93	6.819	6.819	0.0	93	945327	9.91	
73 2,4-Dichlorophenol	162	6.920	6.920	0.0	90	446974	9.95	
74 1,2,4-Trichlorobenzene	180	7.000	7.000	0.0	76	525021	9.45	
75 Naphthalene	128	7.075	7.075	0.0	79	1651385	9.48	
76 4-Chloroaniline	127	7.107	7.107	0.0	78	672764	9.77	
79 Hexachlorobutadiene	225	7.171	7.171	0.0	84	295271	9.74	
80 1,2,3-Trichlorobenzene	180	7.193	7.193	0.0	79	504866	0	
84 Caprolactam	113	7.390	7.390	0.0	79	214905	11.7	
86 4-Chloro-3-methylphenol	107	7.503	7.503	0.0	79	658486	10.0	
87 2-Methylnaphthalene	142	7.663	7.663	0.0	85	1068026	9.78	
88 1-Methylnaphthalene	142	7.748	7.748	0.0	80	1012802	9.59	
89 Hexachlorocyclopentadiene	237	7.791	7.791	0.0	63	289343	8.87	
90 1,2,3,5-Tetrachlorobenzene	216	7.791	7.791	0.0	83	543156	9.60	
92 2,4,6-Trichlorophenol	196	7.887	7.887	0.0	86	337102	9.60	
93 2,4,5-Trichlorophenol	196	7.919	7.919	0.0	88	362886	9.39	
97 2,4-Toluene diamine	121	8.032	8.032	0.0	94	346632	11.2	
99 1,2,3,4 -Tetrachlorobenzene	216	8.048	8.048	0.0	76	509143	0	
98 1,1'-Biphenyl	154	8.053	8.053	0.0	94	1415136	9.66	
100 2-Chloronaphthalene	162	8.080	8.080	0.0	93	1073182	9.60	
102 2-Nitroaniline	65	8.149	8.149	0.0	71	520718	10.0	
105 Dimethyl phthalate	163	8.288	8.288	0.0	93	1241352	9.42	
107 2,6-Dinitrotoluene	165	8.347	8.347	0.0	74	276799	10.1	
108 1,2-Dinitrobenzene	168	8.395	8.395	0.0	81	136433	10.1	
109 Acenaphthylene	152	8.432	8.432	0.0	68	1730969	9.70	
110 3-Nitroaniline	138	8.491	8.491	0.0	81	304540	10.3	
112 Acenaphthene	153	8.576	8.576	0.0	91	1076899	9.52	
111 2,4-Dinitrophenol	184	8.582	8.582	0.0	70	330047	17.6	
113 4-Nitrophenol	109	8.608	8.608	0.0	83	209691	9.67	
114 2,4-Dinitrotoluene	165	8.689	8.689	0.0	80	378563	10.3	
116 Dibenzofuran	168	8.721	8.721	0.0	84	1568207	9.60	
118 2,3,5,6-Tetrachlorophenol	232	8.779	8.779	0.0	81	308081	9.60	
121 Diethyl phthalate	149	8.876	8.876	0.0	94	1202342	9.22	
123 4-Chlorophenyl phenyl ether	204	8.993	8.993	0.0	91	663129	9.45	
126 Fluorene	166	9.009	9.009	0.0	69	1304424	9.44	
125 4-Nitroaniline	138	9.009	9.009	0.0	78	323565	10.4	
128 4,6-Dinitro-2-methylphenol	198	9.031	9.031	0.0	77	252959	9.77	
131 N-Nitrosodiphenylamine	169	9.089	9.089	0.0	95	936428	9.79	
132 1,2-Diphenylhydrazine	77	9.127	9.127	0.0	100	2326211	9.98	
133 Azobenzene	77	9.127	9.127	0.0	93	2325927	9.98	
139 4-Bromophenyl phenyl ether	248	9.410	9.410	0.0	66	360129	10.3	
141 Hexachlorobenzene	284	9.474	9.474	0.0	77	360605	10.2	
142 Atrazine	200	9.522	9.522	0.0	81	320818	10.5	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
143 Pentachlorophenol	266	9.634	9.634	0.0	81	458310	17.5	
148 Phenanthrene	178	9.826	9.826	0.0	82	1985030	9.59	
149 Anthracene	178	9.869	9.869	0.0	83	2080493	10.0	
151 Carbazole	167	9.992	9.992	0.0	62	1790652	9.64	
154 Di-n-butyl phthalate	149	10.249	10.249	0.0	100	2163037	9.48	
159 Fluoranthene	202	10.836	10.836	0.0	77	2257192	9.56	
160 Benzidine	184	10.927	10.927	0.0	87	1204761	9.15	
161 Pyrene	202	11.044	11.044	0.0	73	2396435	9.78	
168 Butyl benzyl phthalate	149	11.637	11.637	0.0	84	904624	9.25	
172 3,3'-Dimethoxybenzidine	244	12.246	12.246	0.0	82	494336	8.73	
174 4,4'-Methylene bis(2-chloroanili	231	12.289	12.289	0.0	68	383897	9.71	
175 3,3'-Dichlorobenzidine	252	12.289	12.289	0.0	69	748850	9.17	
173 Bis(2-ethylhexyl) phthalate	149	12.311	12.311	0.0	93	1304404	8.96	
177 Benzo[a]anthracene	228	12.348	12.348	0.0	81	2066355	9.37	
178 Chrysene	228	12.396	12.396	0.0	82	1916434	9.47	
180 Di-n-octyl phthalate	149	13.219	13.219	0.0	99	2094128	8.77	
182 Benzo[b]fluoranthene	252	13.860	13.860	0.0	82	1914675	9.69	
183 Benzo[k]fluoranthene	252	13.903	13.903	0.0	80	1975189	9.72	
184 Benzo[a]pyrene	252	14.357	14.357	0.0	66	1810186	9.70	
188 Indeno[1,2,3-cd]pyrene	276	16.109	16.109	0.0	77	2042798	9.97	
189 Dibenz(a,h)anthracene	278	16.141	16.141	0.0	64	1675545	9.96	
190 Benzo[g,h,i]perylene	276	16.563	16.563	0.0	78	1701208	9.88	
S 191 Methyl Phenols,Total	100				0		20.7	

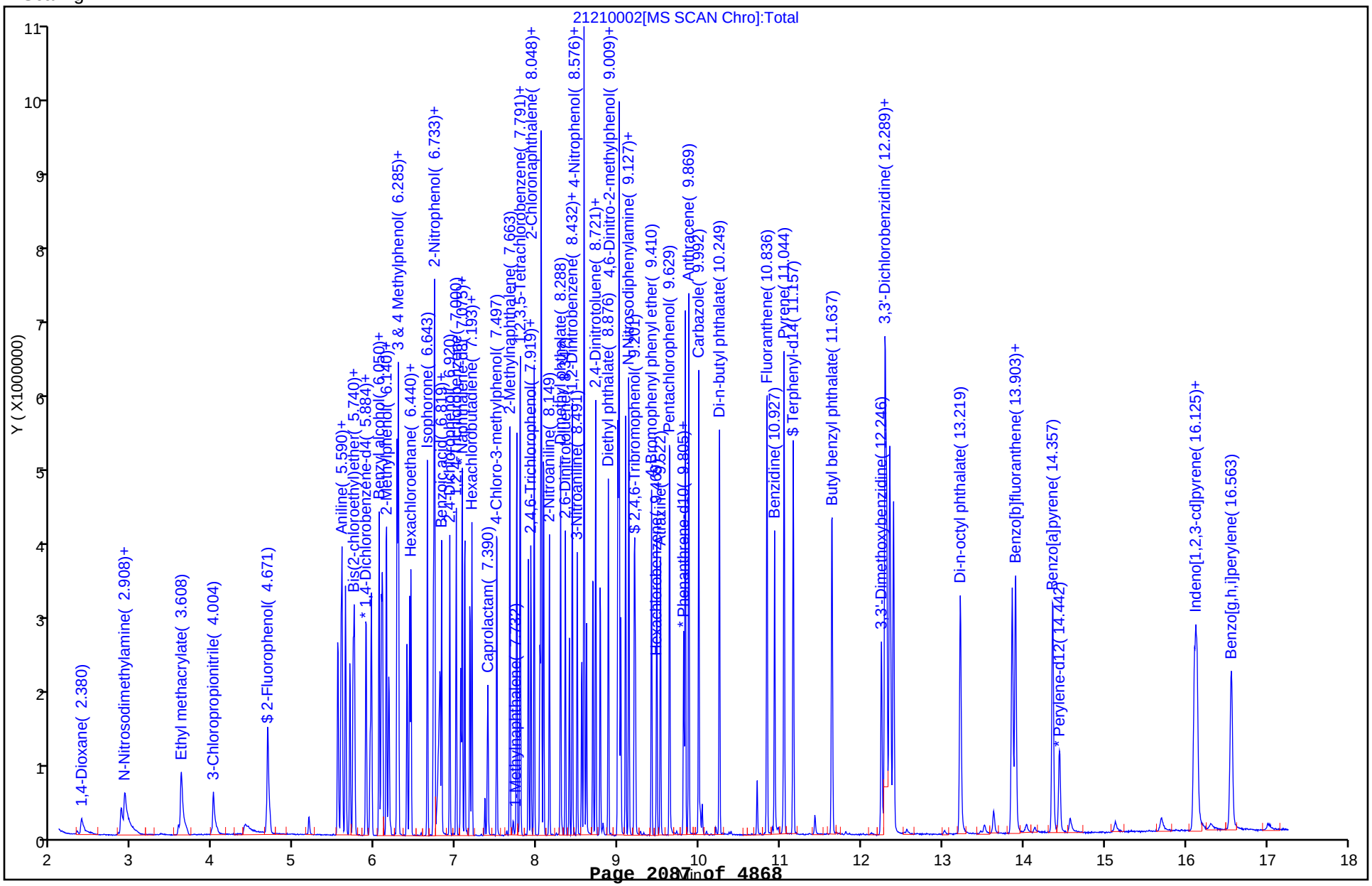
Report Date: 11-Dec-2012 08:19:38 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121210-15667.b\21210002.D

Injection Date:	10-Dec-2012 07:55:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67921	Lims Sample ID:	2
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: mdll1 Calibration Date: 12/10/2012 10:58

Instrument ID: A4HP9 Calib Start Date: 12/03/2012 11:32

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/03/2012 15:01

Lab File ID: 21210009.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Naphthalene	Ave	1.099			0.104	0.100		
2-Methylnaphthalene	Ave	0.6886			0.0824	0.100		
1,1'-Biphenyl	Ave	1.445			0.0952	0.100		
2-Chloronaphthalene	Ave	1.103			0.0896	0.100		
Acenaphthylene	Ave	1.759			0.0921	0.100		
Acenaphthene	Ave	1.116			0.100	0.100		
Fluorene	Ave	1.363			0.0899	0.100		
Hexachlorobenzene	Ave	0.2035			0.0681	0.100		
Phenanthrene	Ave	1.195			0.109	0.100		
Anthracene	Ave	1.197			0.0971	0.100		
Di-n-butyl phthalate	Ave	1.317			0.0931	0.100		
Fluoranthene	Ave	1.364			0.106	0.100		
Pyrene	Ave	1.384			0.104	0.100		
Benzo[a]anthracene	Ave	1.246			0.105	0.100		
Chrysene	Ave	1.142			0.112	0.100		
Benzo[b]fluoranthene	Ave	1.387			0.104	0.100		
Benzo[k]fluoranthene	Ave	1.426			0.110	0.100		
Benzo[a]pyrene	Ave	1.309			0.117	0.100		
Indeno[1,2,3-cd]pyrene	Ave	1.438			0.0998	0.100		
Dibenz(a,h)anthracene	Ave	1.180			0.0990	0.100		
Benzo[g,h,i]perylene	Ave	1.208			0.0967	0.100		
1,2,4-Trichlorobenzene	Ave	0.3506			0.000800	0.100		
1,2-Dichlorobenzene	Ave	1.526			0.000800	0.100		
1,2-Diphenylhydrazine(as Azobenzene)	Ave	1.346			0.000800	0.100		
1,3-Dichlorobenzene	Ave	1.570			0.000800	0.100		
1,4-Dichlorobenzene	Ave	1.586			0.000800	0.100		
1,4-Dioxane	Ave	0.7764			0.000800	0.100		
2,4,5-Trichlorophenol	Ave	0.3811			0.000800	0.100		
2,4,6-Trichlorophenol	Ave	0.3463			0.000800	0.100		
2,4-Dichlorophenol	Ave	0.2834			0.000800	0.100		
2,4-Dimethylphenol	Ave	0.4935			0.000800	0.100		
2,4-Dinitrophenol	Qua				0.00240	0.200		
2,4-Dinitrotoluene	Ave	0.3626			0.000800	0.100		
2,6-Dinitrotoluene	Ave	0.2702			0.000800	0.100		
2-Chlorophenol	Ave	1.461			0.000800	0.100		

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: mdll1 Calibration Date: 12/10/2012 10:58

Instrument ID: A4HP9 Calib Start Date: 12/03/2012 11:32

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/03/2012 15:01

Lab File ID: 21210009.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Methylphenol	Ave	1.718			0.000800	0.100		
2-Nitroaniline	Ave	0.5134			0.000800	0.100		
2-Nitrophenol	Ave	0.1757			0.000800	0.100		
3 & 4 Methylphenol	Ave	1.828			0.000800	0.100		
3,3'-Dichlorobenzidine	Qua				0.000800	0.100		
3-Nitroaniline	Ave	0.2907			0.000800	0.100		
4,6-Dinitro-2-methylphenol	Qua				0.00240	0.100		
4-Bromophenyl phenyl ether	Ave	0.2017			0.000800	0.100		
4-Chloro-3-methylphenol	Ave	0.4157			0.000800	0.100		
4-Chlorophenyl phenyl ether	Ave	0.6916			0.000800	0.100		
4-Nitroaniline	Ave	0.3061			0.000800	0.100		
4-Nitrophenol	Ave	0.2139			0.00240	0.100		
Acetophenone	Ave	2.653			0.000800	0.100		
Aniline	Ave	3.218			0.00240	0.100		
Atrazine	Ave	0.1759			0.000800	0.100		
Benzaldehyde	Qua				0.000800	0.100		
Benzidine	Qua				0.00240	0.100		
Benzoic acid	Qua				0.0100	0.200		
Benzyl alcohol	Ave	1.204			0.000800	0.100		
Bis(2-chloroethoxy)methane	Ave	0.6014			0.000800	0.100		
Bis(2-chloroethyl)ether	Ave	1.987			0.000100	0.100		
Bis(2-ethylhexyl) phthalate	Ave	0.8220			0.000800	0.100		
Butyl benzyl phthalate	Ave	0.5524			0.000800	0.100		
Caprolactam	Ave	0.1156			0.000800	0.100		
Carbazole	Ave	1.072			0.000800	0.100		
Dibenzofuran	Ave	1.610			0.000100	0.100		
Diethyl phthalate	Ave	1.286			0.000800	0.100		
Dimethyl phthalate	Ave	1.299			0.000800	0.100		
Di-n-octyl phthalate	Qua				0.000800	0.100		
Hexachlorobutadiene	Ave	0.1912			0.000800	0.100		

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: mdll1 Calibration Date: 12/10/2012 10:58

Instrument ID: A4HP9 Calib Start Date: 12/03/2012 11:32

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/03/2012 15:01

Lab File ID: 21210009.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Hexachlorocyclopentadiene	Ave	0.3216			0.000800	0.100		
Hexachloroethane	Ave	0.7420			0.000800	0.100		
Isophorone	Ave	1.175			0.000800	0.100		
Nitrobenzene	Ave	0.6444			0.000100	0.100		
N-Nitrosodimethylamine	Ave	1.020			0.000800	0.100		
N-Nitrosodi-n-propylamine	Ave	1.801			0.000800	0.100		
N-Nitrosodiphenylamine	Ave	0.5526			0.000800	0.100		
Pentachlorophenol	Qua				0.00240	0.200		
Phenol	Ave	2.575			0.000800	0.100		
Pyridine	Ave	2.082			0.000800	0.100		
Nitrobenzene-d5 (Surr)	Ave	0.6121			0.0948	0.100	95	35-100
2-Fluorobiphenyl (Surr)	Ave	1.328			0.0931	0.100	93	45-105
Terphenyl-d14 (Surr)	Ave	0.8194			0.115	0.100	115	30-125
2,4,6-Tribromophenol (Surr)	Ave	0.1549			0.000000	0.100	0*	35-125
2-Fluorophenol (Surr)	Ave	1.574			0.000000	0.100	0*	35-105
Phenol-d5 (Surr)	Ave	2.273			0.000000	0.100	0*	40-100

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121210-15667.b\21210009.D
Lims ID: mdll1 Client ID:
Inject. Date: 10-Dec-2012 10:58:30 Dil. Factor: 1.0000
Sample Type: LODV
Sample ID: 240-0015667-009
Misc. Info.: MDLL1 =MDLL1
Operator: 001574 Instrument ID: A4HP9
Injection Vol: 1.0 ul ALS Bottle#: 9
Lims Batch ID: 67921 Lims Sample ID: 9
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121210-15667.b\8270 _9.m
Last Update: 11-Dec-2012 10:26:59 Calib Date: 03-Dec-2012 15:01:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: 5% phenyl Column Dia: 0.18 mm
Process Host: XAWRK027

First Level Reviewer: gurneyk Date: 11-Dec-2012 10:28:21

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.937	5.937	0.0	86	125405	4.00	
* 2 Naphthalene-d8	136	7.054	7.054	0.0	98	524354	4.00	
* 3 Acenaphthene-d10	164	8.549	8.550	-0.001	63	333652	4.00	
* 4 Phenanthrene-d10	188	9.805	9.805	0.0	73	550407	4.00	
* 5 Chrysene-d12	240	12.364	12.359	0.005	79	553708	4.00	
* 6 Perylene-d12	264	14.442	14.442	0.0	74	463636	4.00	
$ 7 2-Fluorophenol	112		4.677					9
$ 8 Phenol-d5	99		5.579					
$ 9 Nitrobenzene-d5	82	6.423	6.424	-0.001	55	7609	0.0948	
$ 10 2-Fluorobiphenyl (Surr)	172	7.962	7.962	0.0	55	10310	0.0931	
$ 11 2,4,6-Tribromophenol	330		9.212					9
$ 12 Terphenyl-d14	244	11.156	11.157	-0.001	50	13044	0.1150	
20 Dimethylformamide	1		0.000					
19 Octachlorostyrene	1		0.000					
13 Octachlorocyclopentene	1		0.000					
18 Bis(4-hydroxyphenyl)methane	1		0.000					
22 Bis(2-hydroxyphenyl)methane	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
23 2,5-Dichlorophenol	1		0.000					
31 2-Picoline	93		2.310					9
32 N-Nitrosomethylethylamine	88		2.374					
25 1,4-Dioxane	88		2.380					
34 Methyl methanesulfonate	80		2.587					
30 3-Picoline	93		2.651					
233 n,n'-Dimethylacetamide	44		2.662					
35 Acrylamide	71		2.744					
26 N-Nitrosodimethylamine	74		2.866					9
36 N-Nitrosodiethylamine	102		2.897					
27 Pyridine	79		2.914					
37 Ethyl methanesulfonate	79		3.105					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
38 2-Methylcyclohexanone	68		3.292					
39 3-Methylcyclohexanone	69		3.319					
40 4-Methylcyclohexanone	55		3.356					
45 Pentachloroethane	167		3.501					
42 Phenylmercaptan	110		3.596					
28 Ethyl methacrylate	69		3.608					
232 1-Methyl-2-pyrrilidinone	99		3.880					
56 N-Nitrosopyrrolidine	100		3.992					
29 3-Chloropropionitrile	54		4.004					9
59 N-Nitrosomorpholine	56		4.013					9
60 2-Toluidine	106		4.040					
52 Indene	115		4.084					9
63 N-Nitrosopiperidine	114		4.254					
33 Malononitrile	66		4.404					9
68 o,o',o''-Triethylphosphorothioat	198		4.435					
17 4-Chlorophenol	128		4.500					9
24 Catechol	110		4.592					
72 alpha,alpha-Dimethyl phenethylam	58		4.601					
77 2,6-Dichlorophenol	162		4.729					
78 Hexachloropropene	213		4.756					
15 3-Methylcatechol	124		4.913					
83 N-Nitrosodi-n-butylamine	84		4.953					
85 p-Phenylene diamine	108		4.969					
14 4-Methylcatechol	124		5.036					
81 Benzothiazole	135		5.046					
82 Quinoline	129		5.099					
94 Safrole, Total	162		5.119					
91 1,2,4,5-Tetrachlorobenzene	216		5.327					
225 Isosafrole Peak 1	162		5.333					
227 Isosafrole Peak 2	162		5.498					
41 Benzaldehyde	77		5.537					
43 Phenol	94		5.590					
44 Aniline	93		5.633					
103 1,4-Naphthoquinone	158		5.680					
69 Bis(2-chloroethyl)ether	93		5.686					
104 1,4-Dinitrobenzene	168		5.712					
96 3,4-Dichloronitrobenzene	109		5.725					
46 2-Chlorophenol	128		5.745					9
106 1,3-Dinitrobenzene	168		5.771					
101 Phenyl ether	170		5.773					
47 1,3-Dichlorobenzene	146		5.889					
48 1,4-Dichlorobenzene	146		5.953					
49 Benzyl alcohol	108		6.050					9
115 Pentachlorobenzene	250		6.091					
50 1,2-Dichlorobenzene	146		6.092					9
51 2-Methylphenol	108		6.140					
117 1-Naphthylamine	143		6.166					
53 2,2'-oxybis[1-chloropropane]	45		6.167					
119 2,3,4,6-Tetrachlorophenol	232		6.203					
120 2-Naphthylamine	143		6.225					
21 3 & 4 Methylphenol	108		6.269					
57 N-Nitrosodi-n-propylamine	70		6.279					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
58 Acetophenone	105		6.290					
122 Thionazin	97		6.305					
124 N-Nitro-o-toluidine	152		6.358					
127 Tributyl phosphate	99		6.379					
61 Hexachloroethane	117		6.391					9
130 Diphenylamine	169		6.428					
62 Nitrobenzene	77		6.440					
134 Sulfotepp	202		6.518					
135 1,3,5-Trinitrobenzene	213		6.614					
228 Diallate Peak 1	86		6.630					
138 Phorate	121		6.636					9
137 Phenacetin	108		6.641					
64 Isophorone	82		6.643					
230 Diallate Peak 2	86		6.695					9
66 2-Nitrophenol	139		6.717					9
67 1,3,5-Trichlorobenzene	180		6.728					
65 2,4-Dimethylphenol	107		6.733					9
140 Dimethoate	87		6.764					
71 Benzoic acid	122		6.803					9
70 Bis(2-chloroethoxy)methane	93		6.819					
129 4-Aminobiphenyl	169		6.892					
144 Pronamide	173		6.919					
145 Pentachloronitrobenzene	237		6.919					
73 2,4-Dichlorophenol	162		6.920					9
74 1,2,4-Trichlorobenzene	180		7.000					9
146 Disulfoton	88		7.010					9
147 Dinoseb	211		7.020					
75 Naphthalene	128	7.075	7.075	0.0	31	14934	0.1037	
76 4-Chloroaniline	127		7.107					9
79 Hexachlorobutadiene	225		7.171					9
80 1,2,3-Trichlorobenzene	180		7.193					9
152 Methyl parathion	109		7.282					9
84 Caprolactam	113		7.390					9
86 4-Chloro-3-methylphenol	107		7.503					
155 Ethyl Parathion	97		7.560					
156 4-Nitroquinoline-1-oxide	190		7.613					
153 Diphenylsulfone	125		7.616					
157 Methapyrilene	58		7.645					
87 2-Methylnaphthalene	142	7.663	7.663	0.0	55	7439	0.0824	
88 1-Methylnaphthalene	142	7.748	7.748	0.0	58	9514	0.1089	
89 Hexachlorocyclopentadiene	237		7.791					
90 1,2,3,5-Tetrachlorobenzene	216		7.791					
158 Isodrin	66		7.816					
92 2,4,6-Trichlorophenol	196		7.887					9
93 2,4,5-Trichlorophenol	196		7.919					9
97 2,4-Toluene diamine	121		8.032					9
99 1,2,3,4 -Tetrachlorobenzene	216		8.048					9
98 1,1'-Biphenyl	154	8.053	8.053	0.0	61	11473	0.0952	
100 2-Chloronaphthalene	162	8.074	8.080	-0.006	74	8238	0.0896	
226 Aramite Peak 1	185		8.131					
102 2-Nitroaniline	65		8.149					9
229 Aramite Peak 2	185		8.185					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
163 p-Dimethylamino azobenzene	225		8.276					
105 Dimethyl phthalate	163		8.288					
164 Chlorobenzilate	139		8.297					
107 2,6-Dinitrotoluene	165		8.347					9
108 1,2-Dinitrobenzene	168		8.395					9
109 Acenaphthylene	152	8.432	8.432	0.0	50	13512	0.0921	
167 Famphur	218		8.473					
110 3-Nitroaniline	138		8.491					
169 3,3'-Dimethylbenzidine	212		8.516					
112 Acenaphthene	153	8.576	8.576	0.0	71	9314	0.1001	
111 2,4-Dinitrophenol	184		8.582					
113 4-Nitrophenol	109		8.608					9
114 2,4-Dinitrotoluene	165		8.689					9
171 2-Acetylaminofluorene	181		8.713					
116 Dibenzofuran	168		8.721					
118 2,3,5,6-Tetrachlorophenol	232		8.779					9
121 Diethyl phthalate	149		8.876					
123 4-Chlorophenyl phenyl ether	204		8.993					
126 Fluorene	166	9.009	9.009	0.0	65	10216	0.0899	
125 4-Nitroaniline	138		9.009					
128 4,6-Dinitro-2-methylphenol	198		9.031					
131 N-Nitrosodiphenylamine	169		9.089					
132 1,2-Diphenylhydrazine	77		9.127					
133 Azobenzene	77		9.127					
176 Hexabromobenzene	232		9.208					
139 4-Bromophenyl phenyl ether	248		9.410					9
141 Hexachlorobenzene	284	9.474	9.474	0.0	0	1906	0.0681	
142 Atrazine	200		9.522					9
179 6-Methylchrysene	242		9.576					
143 Pentachlorophenol	266		9.634					9
148 Phenanthrene	178	9.826	9.826	0.0	24	17939	0.1091	
181 7,12-Dimethylbenz(a)anthracene	256		9.856					
149 Anthracene	178	9.869	9.869	0.0	75	15999	0.0971	
150 DFTPP								
151 Carbazole	167		9.992					9
154 Di-n-butyl phthalate	149	10.248	10.249	0.0	72	16878	0.0931	
185 3-Methylcholanthrene	268		10.594					
159 Fluoranthene	202	10.836	10.836	0.0	69	19986	0.1065	
160 Benzidine	184		10.927					9
161 Pyrene	202	11.044	11.044	0.0	84	19844	0.1036	
166 4,4'-DDE	246		11.102					
165 4,4'-DDD	235		11.471					9
168 Butyl benzyl phthalate	149		11.637					
187 Dibenz[a,h]acridine	279		11.729					
170 4,4'-DDT	235		11.760					
186 Dibenz[a,j]acridine	279		11.804					
172 3,3'-Dimethoxybenzidine	244		12.246					9
174 4,4'-Methylene bis(2-chloroanili	231		12.289					9
175 3,3'-Dichlorobenzidine	252		12.289					9
173 Bis(2-ethylhexyl) phthalate	149		12.311					
177 Benzo[a]anthracene	228	12.348	12.348	0.0	23	18140	0.1052	
178 Chrysene	228	12.396	12.396	0.0	40	17772	0.1124	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
180 Di-n-octyl phthalate	149		13.219					
182 Benzo[b]fluoranthene	252	13.860	13.860	0.0	84	16698	0.1039	
183 Benzo[k]fluoranthene	252	13.897	13.903	-0.006	30	18250	0.1104	
184 Benzo[a]pyrene	252	14.356	14.357	-0.001	45	17677	0.1165	
188 Indeno[1,2,3-cd]pyrene	276	16.109	16.109	0.0	0	16627	0.0998	M
189 Dibenz(a,h)anthracene	278	16.146	16.141	0.005	0	13539	0.0990	M
190 Benzo[g,h,i]perylene	276	16.563	16.563	0.0	65	13534	0.0967	
S 191 Methyl Phenols,Total	100		0.000					7
S 95 Isosafrole	162		5.568					7
S 136 Diallate	86		6.701					7
S 162 Aramite, Total	185		8.271					7
T 192 Octadecane (TIC)	57		0.000					
T 195 Hydroquinone TIC	110		0.000					1
T 194 Decane TIC	57		0.000					1
T 240 Trimethyl phosphate TIC	110		3.120					1
T 234 2-Isopropylphenol TIC	121		4.623					1
T 236 3-isopropylphenol TIC	121		4.756					1
T 235 4-isopropylphenol TIC	121		4.756					1
T 193 Hexamethylphosphoramide TIC	135		5.100					1
T 237 3-(1,1-Dimethylethyl Phenol) TIC	135		5.110					1
T 196 Kepone TIC	272		8.281					1
T 242 Triphenyl Phosphate TIC	326		8.700					1
T 238 2,3,7,8-TCDD TIC	1		9.000					1
T 231 2,3,7,8-TCDD	322		9.150					1
T 197 Hexachlorophene TIC	198		9.269					1
T 241 Tricresyl phosphate TIC	368		9.372					1
T 239 Tris(2,3-dibromopropyl)phosphate	201		10.600					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

Review Flags
M - Manually Integrated

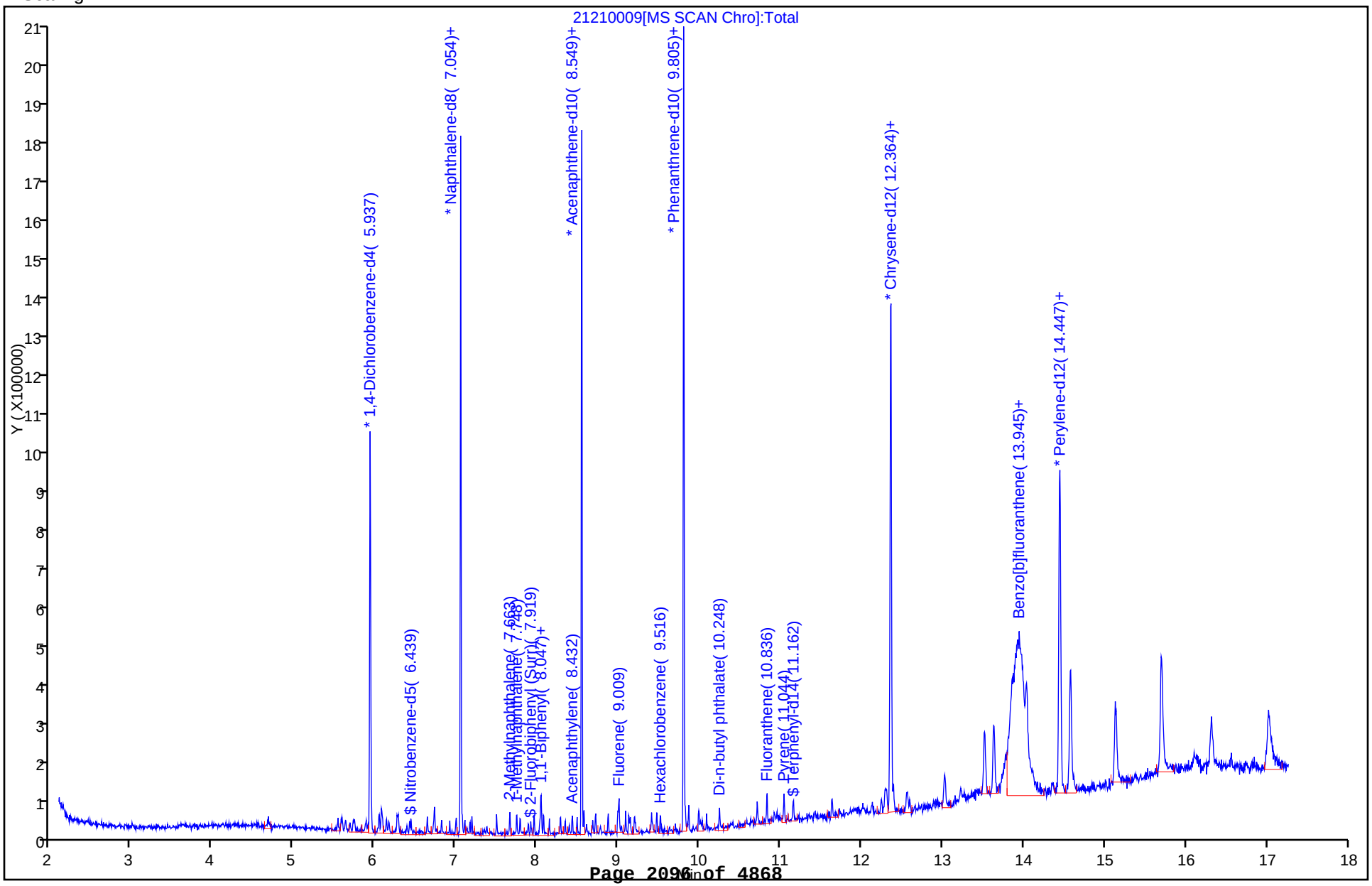
Report Date: 11-Dec-2012 10:28:21 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121210-15667.b\21210009.D

Injection Date:	10-Dec-2012 10:58:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67921	Lims Sample ID:	9
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



Manual Integration/User Assign Peak Report

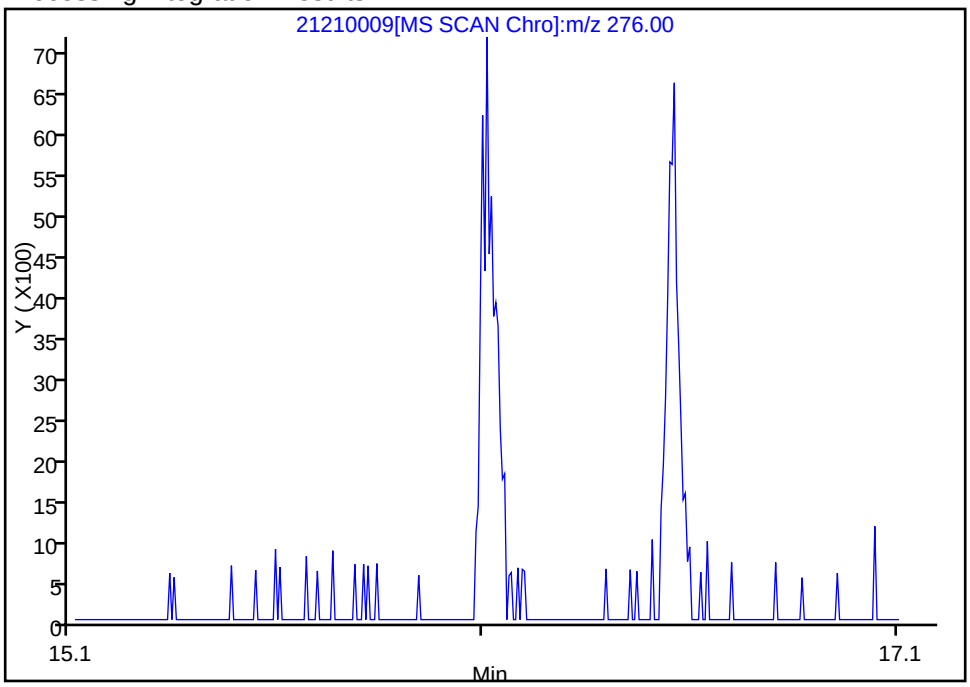
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121210-15667.b\21210009.D		
Injection Date:	10-Dec-2012 10:58:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67921	Lims Sample ID:	9
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

188 Indeno[1,2,3-cd]pyrene, Signal: 1, m/z: 276.0 Type: quant, RT: 16.11

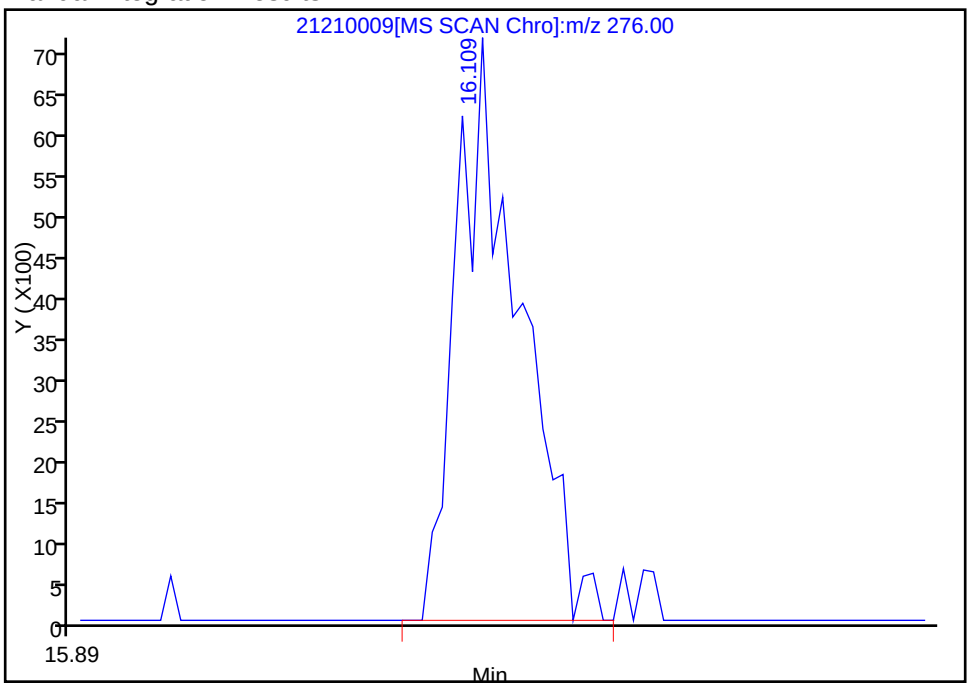
Processing Integration Results

Not Detected
Expected RT: 16.11



Manual Integration Results

RT: 16.11
Response: 16627
Amount: 0.099765



Reviewer: ulmanm, 10-Dec-2012 11:39:40
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

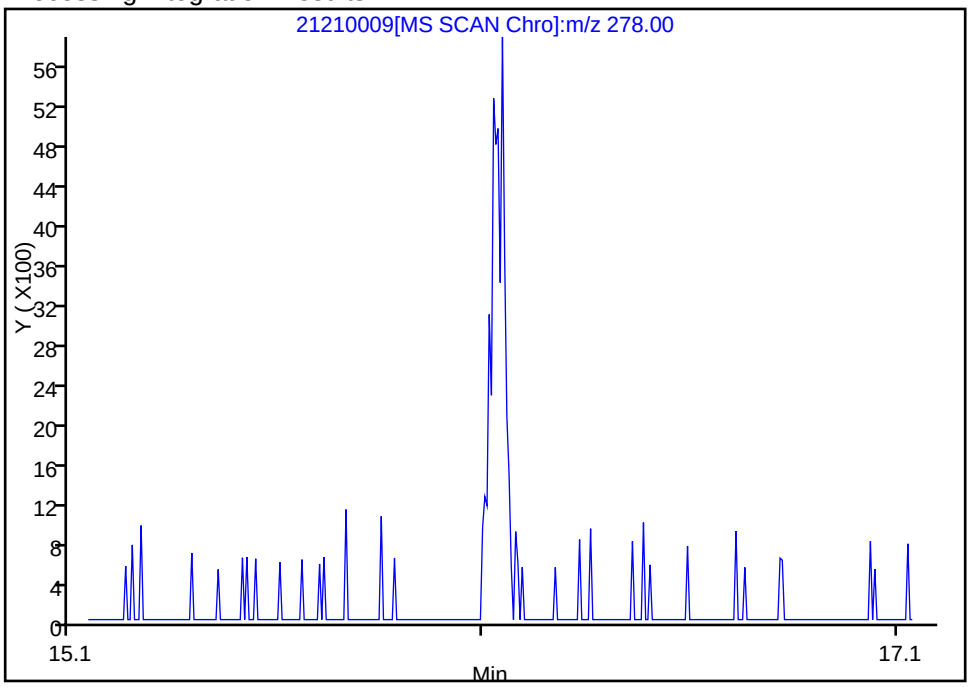
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121210-15667.b\21210009.D		
Injection Date:	10-Dec-2012 10:58:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67921	Lims Sample ID:	9
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

189 Dibenz(a,h)anthracene, Signal: 1, m/z: 278.0 Type: quant, RT: 16.14

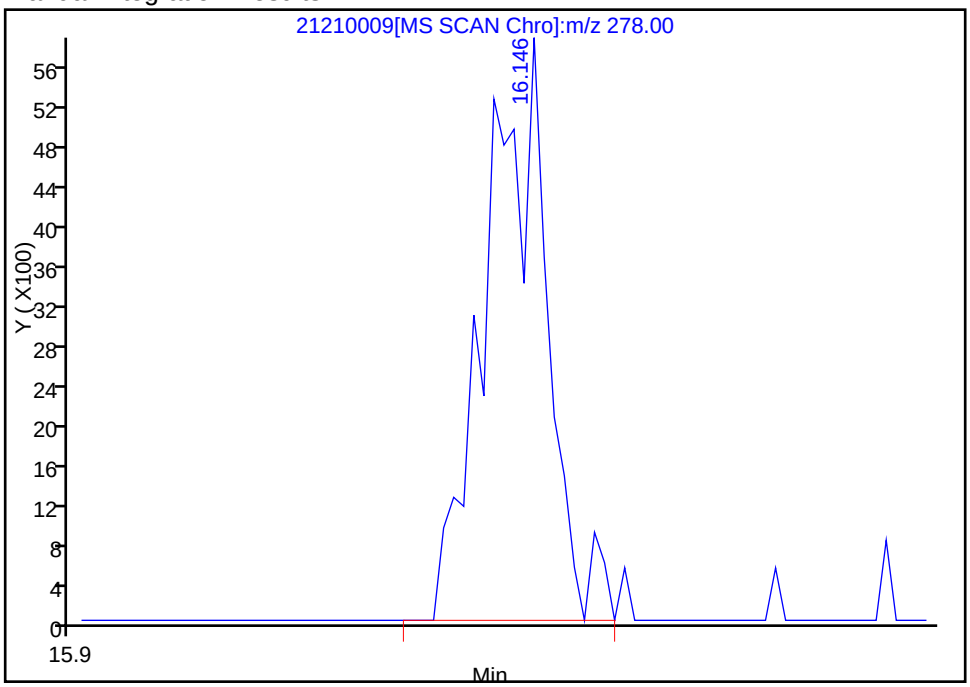
Processing Integration Results

Not Detected
Expected RT: 16.14



Manual Integration Results

RT: 16.15
Response: 13539
Amount: 0.098986



Reviewer: ulmanm, 10-Dec-2012 11:39:40
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: mdll2 Calibration Date: 12/10/2012 11:23

Instrument ID: A4HP9 Calib Start Date: 12/03/2012 11:32

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/03/2012 15:01

Lab File ID: 21210010.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Ave	0.7764			0.427	0.500		
N-Nitrosodimethylamine	Ave	1.020			0.506	0.500		
Pyridine	Ave	2.082			0.613	0.500		
Benzaldehyde	Qua				0.553	0.500		
Phenol	Ave	2.575			0.512	0.500		
Aniline	Ave	3.218			0.465	0.500		
Bis(2-chloroethyl)ether	Ave	1.987			0.487	0.500		
2-Chlorophenol	Ave	1.461			0.509	0.500		
1,3-Dichlorobenzene	Ave	1.570			0.450	0.500		
1,4-Dichlorobenzene	Ave	1.586			0.466	0.500		
Benzyl alcohol	Ave	1.204			0.465	0.500		
1,2-Dichlorobenzene	Ave	1.526			0.433	0.500		
2-Methylphenol	Ave	1.718			0.496	0.500		
3 & 4 Methylphenol	Ave	1.828			0.465	0.500		
N-Nitrosodi-n-propylamine	Ave	1.801			0.541	0.500		
Acetophenone	Ave	2.653			0.453	0.500		
Hexachloroethane	Ave	0.7420			0.272	0.500		
Nitrobenzene	Ave	0.6444			0.521	0.500		
Isophorone	Ave	1.175			0.489	0.500		
2-Nitrophenol	Ave	0.1757			0.477	0.500		
2,4-Dimethylphenol	Ave	0.4935			0.504	0.500		
Benzoic acid	Qua				1.74	1.00		
Bis(2-chloroethoxy)methane	Ave	0.6014			0.495	0.500		
2,4-Dichlorophenol	Ave	0.2834			0.489	0.500		
1,2,4-Trichlorobenzene	Ave	0.3506			0.527	0.500		
Hexachlorobutadiene	Ave	0.1912			0.487	0.500		
Caprolactam	Ave	0.1156			0.529	0.500		
4-Chloro-3-methylphenol	Ave	0.4157			0.437	0.500		
2,4,6-Trichlorophenol	Ave	0.3463			0.475	0.500		
2,4,5-Trichlorophenol	Ave	0.3811			0.464	0.500		
2-Nitroaniline	Ave	0.5134			0.492	0.500		
Dimethyl phthalate	Ave	1.299			0.478	0.500		
2,6-Dinitrotoluene	Ave	0.2702			0.529	0.500		
3-Nitroaniline	Ave	0.2907			0.415	0.500		
4-Nitrophenol	Ave	0.2139			0.375	0.500		
2,4-Dinitrotoluene	Ave	0.3626			0.454	0.500		
Dibenzofuran	Ave	1.610			0.493	0.500		
Diethyl phthalate	Ave	1.286			0.473	0.500		
4-Chlorophenyl phenyl ether	Ave	0.6916			0.474	0.500		
4-Nitroaniline	Ave	0.3061			0.550	0.500		
N-Nitrosodiphenylamine	Ave	0.5526			0.495	0.500		

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: mdll2 Calibration Date: 12/10/2012 11:23

Instrument ID: A4HP9 Calib Start Date: 12/03/2012 11:32

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/03/2012 15:01

Lab File ID: 21210010.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Diphenylhydrazine(as Azobenzene)	Ave	1.346			0.422	0.500		
4-Bromophenyl phenyl ether	Ave	0.2017			0.517	0.500		
Atrazine	Ave	0.1759			0.507	0.500		
Pentachlorophenol	Qua				0.829	1.00		
Phenanthrene	Ave	1.195			0.453	0.500		
Anthracene	Ave	1.197			0.457	0.500		
Carbazole	Ave	1.072			0.443	0.500		
Di-n-butyl phthalate	Ave	1.317			0.412	0.500		
Benzidine	Qua				0.846	0.500		
Butyl benzyl phthalate	Ave	0.5524			0.407	0.500		
3,3'-Dichlorobenzidine	Qua				0.667	0.500		
Bis(2-ethylhexyl) phthalate	Ave	0.8220			0.393	0.500		
Di-n-octyl phthalate	Qua				0.425	0.500		
1,1'-Biphenyl	Ave	1.445			0.000800	0.500		
2,4-Dinitrophenol	Qua				0.00240	1.00		
2-Chloronaphthalene	Ave	1.103			0.000100	0.500		
2-Methylnaphthalene	Ave	0.6886			0.000100	0.500		
4,6-Dinitro-2-methylphenol	Qua				0.00240	0.500		
Acenaphthene	Ave	1.116			0.000100	0.500		
Acenaphthylene	Ave	1.759			0.000100	0.500		
Benzo[a]anthracene	Ave	1.246			0.000100	0.500		
Benzo[a]pyrene	Ave	1.309			0.000100	0.500		
Benzo[b]fluoranthene	Ave	1.387			0.000100	0.500		
Benzo[g,h,i]perylene	Ave	1.208			0.000100	0.500		
Benzo[k]fluoranthene	Ave	1.426			0.000100	0.500		
Chrysene	Ave	1.142			0.000100	0.500		
Dibenz(a,h)anthracene	Ave	1.180			0.000100	0.500		
Fluoranthene	Ave	1.364			0.000100	0.500		
Fluorene	Ave	1.363			0.000100	0.500		
Hexachlorobenzene	Ave	0.2035			0.000100	0.500		
Hexachlorocyclopentadiene	Ave	0.3216			0.000800	0.500		
Indeno[1,2,3-cd]pyrene	Ave	1.438			0.000100	0.500		
Naphthalene	Ave	1.099			0.000100	0.500		

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: mdll2 Calibration Date: 12/10/2012 11:23

Instrument ID: A4HP9 Calib Start Date: 12/03/2012 11:32

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/03/2012 15:01

Lab File ID: 21210010.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Pyrene	Ave	1.384			0.000100	0.500		
2-Fluorophenol (Surr)	Ave	1.574			0.475	0.500	95	35-105
Phenol-d5 (Surr)	Ave	2.273			0.486	0.500	97	40-100
2,4,6-Tribromophenol (Surr)	Ave	0.1549			0.368	0.500	74	35-125
2-Fluorobiphenyl (Surr)	Ave	1.328			0.000000	0.500	0*	45-105
Nitrobenzene-d5 (Surr)	Ave	0.6121			0.000000	0.500	0*	35-100
Terphenyl-d14 (Surr)	Ave	0.8194			0.000000	0.500	0*	30-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121210-15667.b\21210010.D
Lims ID: mdll2 Client ID:
Inject. Date: 10-Dec-2012 11:23:30 Dil. Factor: 1.0000
Sample Type: LODV
Sample ID: 240-0015667-010
Misc. Info.: MDLL2 =MDLL2
Operator: 001574 Instrument ID: A4HP9
Injection Vol: 1.0 ul ALS Bottle#: 10
Lims Batch ID: 67921 Lims Sample ID: 10
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121210-15667.b\8270 _9.m
Last Update: 11-Dec-2012 08:31:45 Calib Date: 03-Dec-2012 15:01:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: 5% phenyl Column Dia: 0.18 mm
Process Host: XAWRK035

First Level Reviewer: ulmanm Date: 10-Dec-2012 12:00:25

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.937	5.937	0.0	81	142902	4.00	
* 2 Naphthalene-d8	136	7.053	7.054	-0.001	98	551983	4.00	
* 3 Acenaphthene-d10	164	8.549	8.550	-0.001	61	343979	4.00	
* 4 Phenanthrene-d10	188	9.805	9.805	0.0	75	606302	4.00	
* 5 Chrysene-d12	240	12.358	12.359	-0.001	76	605438	4.00	
* 6 Perylene-d12	264	14.442	14.442	0.0	80	499346	4.00	
$ 7 2-Fluorophenol	112	4.676	4.677	-0.001	73	26712	0.4751	
$ 8 Phenol-d5	99	5.579	5.579	0.0	0	39459	0.4860	
$ 9 Nitrobenzene-d5	82		6.424					
$ 10 2-Fluorobiphenyl (Surr)	172		7.962					
$ 11 2,4,6-Tribromophenol	330	9.212	9.212	0.0	36	4904	0.3681	
$ 12 Terphenyl-d14	244		11.157					
20 Dimethylformamide	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
22 Bis(2-hydroxyphenyl)methane	1		0.000					
19 Octachlorostyrene	1		0.000					
23 2,5-Dichlorophenol	1		0.000					
18 Bis(4-hydroxyphenyl)methane	1		0.000					
13 Octachlorocyclopentene	1		0.000					
31 2-Picoline	93		2.310					
32 N-Nitrosomethylethylamine	88		2.374					
25 1,4-Dioxane	88	2.379	2.380	-0.001	59	11854	0.4274	
34 Methyl methanesulfonate	80		2.587					
30 3-Picoline	93		2.651					9
233 n,n'-Dimethylacetamide	44		2.662					
35 Acrylamide	71		2.744					
26 N-Nitrosodimethylamine	74	2.913	2.866	0.047	65	18445	0.5061	M
36 N-Nitrosodiethylamine	102		2.897					
27 Pyridine	79	2.935	2.914	0.021	74	45614	0.6133	M
37 Ethyl methanesulfonate	79		3.105					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
38 2-Methylcyclohexanone	68		3.292					
39 3-Methylcyclohexanone	69		3.319					
40 4-Methylcyclohexanone	55		3.356					
45 Pentachloroethane	167		3.501					
42 Phenylmercaptan	110		3.596					
28 Ethyl methacrylate	69	3.602	3.608	-0.006	50	40783	0.5654	M
232 1-Methyl-2-pyrrilidinone	99		3.880					
56 N-Nitrosopyrrolidine	100		3.992					
29 3-Chloropropionitrile	54	4.014	4.004	0.010	68	14913	0.5657	M
59 N-Nitrosomorpholine	56		4.013					
60 2-Toluidine	106		4.040					
52 Indene	115		4.084					
63 N-Nitrosopiperidine	114		4.254					
33 Malononitrile	66		4.404					9
68 o,o',o''-Triethylphosphorothioat	198		4.435					
17 4-Chlorophenol	128		4.500					
24 Catechol	110		4.592					
72 alpha,alpha-Dimethyl phenethylam	58		4.601					9
77 2,6-Dichlorophenol	162		4.729					
78 Hexachloropropene	213		4.756					
15 3-Methylcatechol	124		4.913					
83 N-Nitrosodi-n-butylamine	84		4.953					
85 p-Phenylene diamine	108		4.969					
14 4-Methylcatechol	124		5.036					
81 Benzothiazole	135		5.046					
82 Quinoline	129		5.099					
94 Safrole, Total	162		5.119					
91 1,2,4,5-Tetrachlorobenzene	216		5.327					
225 Isosafrole Peak 1	162		5.333					
227 Isosafrole Peak 2	162		5.498					
41 Benzaldehyde	77	5.536	5.537	-0.001	82	34883	0.5533	
43 Phenol	94	5.590	5.590	0.0	89	47066	0.5117	
44 Aniline	93	5.632	5.633	-0.001	77	53460	0.4651	
103 1,4-Naphthoquinone	158		5.680					
69 Bis(2-chloroethyl)ether	93	5.686	5.686	0.0	81	34563	0.4870	
104 1,4-Dinitrobenzene	168		5.712					
96 3,4-Dichloronitrobenzene	109		5.725					
46 2-Chlorophenol	128	5.745	5.745	0.0	81	26569	0.5092	
106 1,3-Dinitrobenzene	168		5.771					
101 Phenyl ether	170		5.773					
47 1,3-Dichlorobenzene	146	5.889	5.889	0.0	75	25220	0.4495	
48 1,4-Dichlorobenzene	146	5.953	5.953	0.0	67	26407	0.4661	
49 Benzyl alcohol	108	6.049	6.050	-0.001	83	19994	0.4649	
115 Pentachlorobenzene	250		6.091					
50 1,2-Dichlorobenzene	146	6.092	6.092	0.0	68	23589	0.4325	
51 2-Methylphenol	108	6.140	6.140	0.0	90	30462	0.4964	
117 1-Naphthylamine	143		6.166					
53 2,2'-oxybis[1-chloropropane]	45	6.167	6.167	0.0	93	37967	0.5249	
119 2,3,4,6-Tetrachlorophenol	232		6.203					
120 2-Naphthylamine	143		6.225					
21 3 & 4 Methylphenol	108	6.268	6.269	-0.001	91	30356	0.4649	
57 N-Nitrosodi-n-propylamine	70	6.279	6.279	0.0	63	34787	0.5406	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
58 Acetophenone	105	6.284	6.290	-0.006	81	42916	0.4528	
122 Thionazin	97		6.305					9
124 N-Nitro-o-toluidine	152		6.358					
127 Tributyl phosphate	99		6.379					
61 Hexachloroethane	117	6.391	6.391	0.0	80	7209	0.2720	
130 Diphenylamine	169		6.428					
62 Nitrobenzene	77	6.439	6.440	-0.001	70	46346	0.5212	
134 Sulfotepp	202		6.518					
135 1,3,5-Trinitrobenzene	213		6.614					
228 Diallate Peak 1	86		6.630					9
138 Phorate	121		6.636					9
137 Phenacetin	108		6.641					9
64 Isophorone	82	6.642	6.643	-0.001	94	79296	0.4889	
230 Diallate Peak 2	86		6.695					
66 2-Nitrophenol	139	6.717	6.717	0.0	76	11554	0.4765	
67 1,3,5-Trichlorobenzene	180	6.728	6.728	0.0	82	24840	0.4992	
65 2,4-Dimethylphenol	107	6.733	6.733	0.0	96	34352	0.5045	
140 Dimethoate	87		6.764					
71 Benzoic acid	122	6.754	6.803	-0.049	66	7199	1.74	
70 Bis(2-chloroethoxy)methane	93	6.818	6.819	-0.001	92	41073	0.4949	
129 4-Aminobiphenyl	169		6.892					
144 Pronamide	173		6.919					
145 Pentachloronitrobenzene	237		6.919					
73 2,4-Dichlorophenol	162	6.920	6.920	0.0	78	19108	0.4885	
74 1,2,4-Trichlorobenzene	180	7.000	7.000	0.0	83	25494	0.5270	
146 Disulfoton	88		7.010					9
147 Dinoseb	211		7.020					
75 Naphthalene	128		7.075					
76 4-Chloroaniline	127	7.107	7.107	0.0	73	30078	0.5017	
79 Hexachlorobutadiene	225	7.171	7.171	0.0	71	12854	0.4872	
80 1,2,3-Trichlorobenzene	180	7.192	7.193	-0.001	80	21006	0	
152 Methyl parathion	109		7.282					9
84 Caprolactam	113	7.374	7.390	-0.016	69	8444	0.5294	
86 4-Chloro-3-methylphenol	107	7.497	7.503	-0.006	70	25053	0.4367	
155 Ethyl Parathion	97		7.560					
156 4-Nitroquinoline-1-oxide	190		7.613					
153 Diphenylsulfone	125		7.616					
157 Methapyrilene	58		7.645					9
87 2-Methylnaphthalene	142		7.663					
88 1-Methylnaphthalene	142		7.748					
89 Hexachlorocyclopentadiene	237		7.791					
90 1,2,3,5-Tetrachlorobenzene	216	7.791	7.791	0.0	88	24976	0.5204	
158 Isodrin	66		7.816					9
92 2,4,6-Trichlorophenol	196	7.892	7.887	0.005	69	14142	0.4748	
93 2,4,5-Trichlorophenol	196	7.919	7.919	0.0	87	15216	0.4643	
97 2,4-Toluene diamine	121	8.031	8.032	-0.001	87	17424	0.6444	
99 1,2,3,4 -Tetrachlorobenzene	216	8.042	8.048	-0.006	80	24491	0	
98 1,1'-Biphenyl	154		8.053					
100 2-Chloronaphthalene	162		8.080					
226 Aramite Peak 1	185		8.131					
102 2-Nitroaniline	65	8.149	8.149	0.0	60	21743	0.4925	
229 Aramite Peak 2	185		8.185					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
163 p-Dimethylamino azobenzene	225		8.276					
105 Dimethyl phthalate	163	8.287	8.288	-0.001	94	53360	0.4775	
164 Chlorobenzilate	139		8.297					
107 2,6-Dinitrotoluene	165	8.346	8.347	-0.001	71	12289	0.5288	
108 1,2-Dinitrobenzene	168	8.394	8.395	-0.001	65	4777	0.4181	
109 Acenaphthylene	152		8.432					
167 Famphur	218		8.473					
110 3-Nitroaniline	138	8.490	8.491	-0.001	82	10379	0.4152	
169 3,3'-Dimethylbenzidine	212		8.516					
112 Acenaphthene	153		8.576					
111 2,4-Dinitrophenol	184		8.582					
113 4-Nitrophenol	109	8.608	8.608	0.0	76	6897	0.3749	
114 2,4-Dinitrotoluene	165	8.683	8.689	-0.006	52	14150	0.4538	
171 2-Acetylaminofluorene	181		8.713					
116 Dibenzofuran	168	8.720	8.721	-0.001	81	68305	0.4934	
118 2,3,5,6-Tetrachlorophenol	232	8.779	8.779	0.0	70	9051	0.3327	
121 Diethyl phthalate	149	8.875	8.876	-0.001	92	52335	0.4731	
123 4-Chlorophenyl phenyl ether	204	8.993	8.993	0.0	86	28169	0.4736	
126 Fluorene	166		9.009					
125 4-Nitroaniline	138	9.003	9.009	-0.006	74	14471	0.5497	
128 4,6-Dinitro-2-methylphenol	198		9.031					9
131 N-Nitrosodiphenylamine	169	9.089	9.089	0.0	93	41450	0.4949	
132 1,2-Diphenylhydrazine	77	9.126	9.127	-0.001	98	85988	0.4216	
133 Azobenzene	77	9.126	9.127	-0.001	92	85988	0.4216	
176 Hexabromobenzene	232		9.208					
139 4-Bromophenyl phenyl ether	248	9.409	9.410	-0.001	59	15810	0.5171	
141 Hexachlorobenzene	284		9.474					
142 Atrazine	200	9.516	9.522	-0.006	62	13526	0.5072	
179 6-Methylchrysene	242		9.576					
143 Pentachlorophenol	266	9.634	9.634	0.0	44	8840	0.8294	
148 Phenanthrene	178	9.826	9.826	0.0	81	82088	0.4532	
181 7,12-Dimethylbenz(a)anthracene	256		9.856					
149 Anthracene	178	9.869	9.869	0.0	79	82915	0.4569	
150 DFTPP								
151 Carbazole	167	9.992	9.992	0.0	62	72009	0.4431	
154 Di-n-butyl phthalate	149	10.248	10.249	0.0	96	82302	0.4122	
185 3-Methylcholanthrene	268		10.594					
159 Fluoranthene	202		10.836					
160 Benzidine	184	10.926	10.927	-0.001	85	34591	0.8456	
161 Pyrene	202		11.044					
166 4,4'-DDE	246		11.102					9
165 4,4'-DDD	235		11.471					
168 Butyl benzyl phthalate	149	11.637	11.637	0.0	70	34026	0.4070	
187 Dibenz[a,h]acridine	279		11.729					
170 4,4'-DDT	235		11.760					
186 Dibenz[a,j]acridine	279		11.804					
172 3,3'-Dimethoxybenzidine	244	12.246	12.246	0.0	54	14299	0.8577	
174 4,4'-Methylene bis(2-chloroanili	231	12.289	12.289	0.0	66	14490	0.4289	
175 3,3'-Dichlorobenzidine	252	12.289	12.289	0.0	60	30579	0.6665	
173 Bis(2-ethylhexyl) phthalate	149	12.310	12.311	-0.001	87	48897	0.3930	
177 Benzo[a]anthracene	228		12.348					
178 Chrysene	228		12.396					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
180 Di-n-octyl phthalate	149	13.218	13.219	-0.001	92	71970	0.4249	
182 Benzo[b]fluoranthene	252		13.860					
183 Benzo[k]fluoranthene	252		13.903					
184 Benzo[a]pyrene	252		14.357					
188 Indeno[1,2,3-cd]pyrene	276		16.109					
189 Dibenz(a,h)anthracene	278		16.141					9
190 Benzo[g,h,i]perylene	276		16.563					
S 191 Methyl Phenols,Total	100				0		0.9613	
S 95 Isosafrole	162		5.568					7
S 136 Diallate	86		6.701					7
S 162 Aramite, Total	185		8.271					7
T 192 Octadecane (TIC)	57		0.000					
T 195 Hydroquinone TIC	110		0.000					
T 194 Decane TIC	57		0.000					1
T 240 Trimethyl phosphate TIC	110		3.120					1
T 234 2-Isopropylphenol TIC	121		4.623					1
T 236 3-isopropylphenol TIC	121		4.756					1
T 235 4-isopropylphenol TIC	121		4.756					1
T 193 Hexamethylphosphoramide TIC	135		5.100					1
T 237 3-(1,1-Dimethylethyl Phenol) TIC	135		5.110					1
T 196 Kepone TIC	272		8.281					1
T 242 Triphenyl Phosphate TIC	326		8.700					1
T 238 2,3,7,8-TCDD TIC	1		9.000					1
T 231 2,3,7,8-TCDD	322		9.150					1
T 197 Hexachlorophene TIC	198		9.269					1
T 241 Tricresyl phosphate TIC	368		9.372					1
T 239 Tris(2,3-dibromopropyl)phosphate	201		10.600					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

Review Flags
M - Manually Integrated

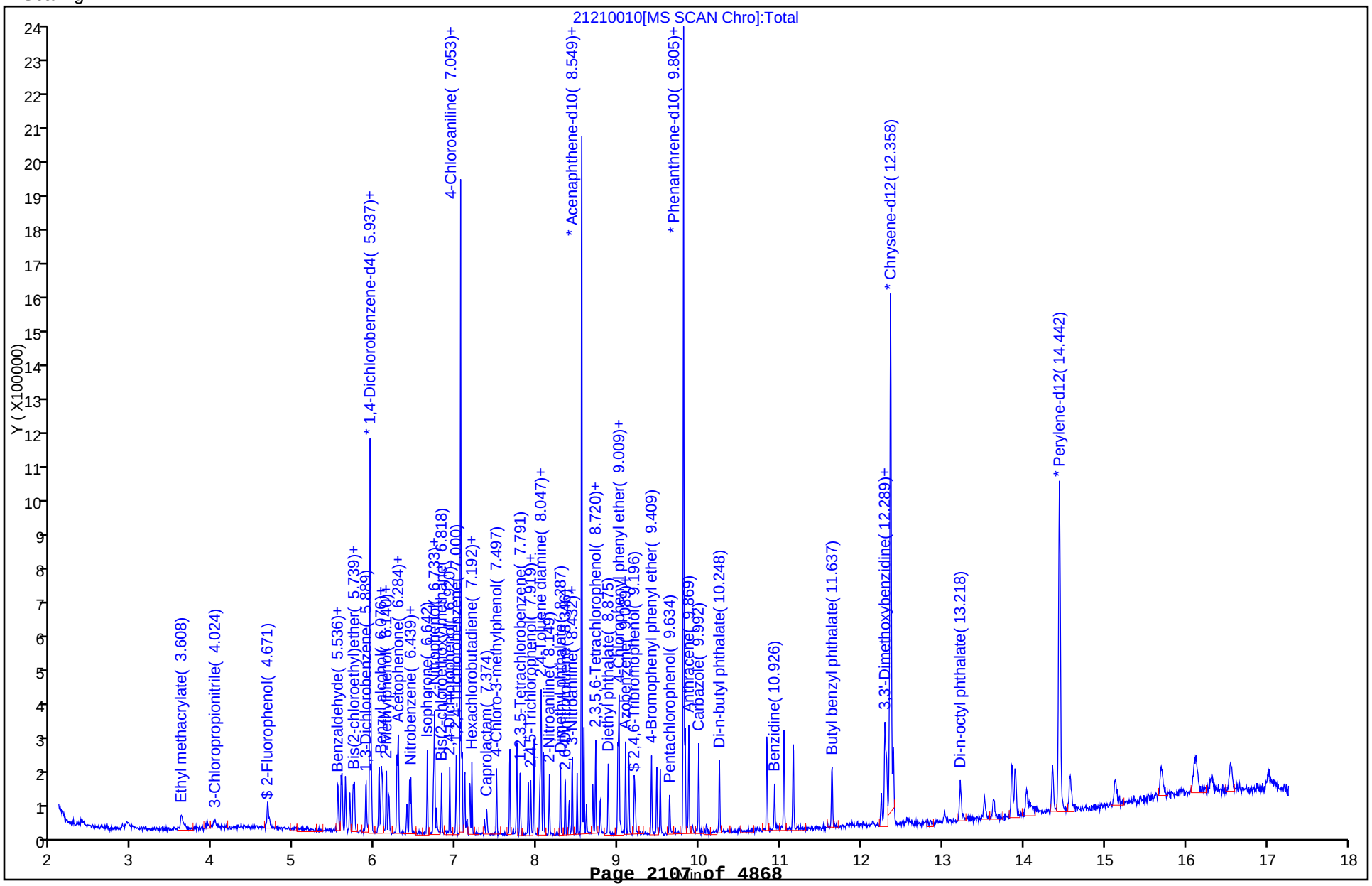
Report Date: 11-Dec-2012 08:31:52 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121210-15667.b\21210010.D

Injection Date:	10-Dec-2012 11:23:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67921	Lims Sample ID:	10
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



Manual Integration/User Assign Peak Report

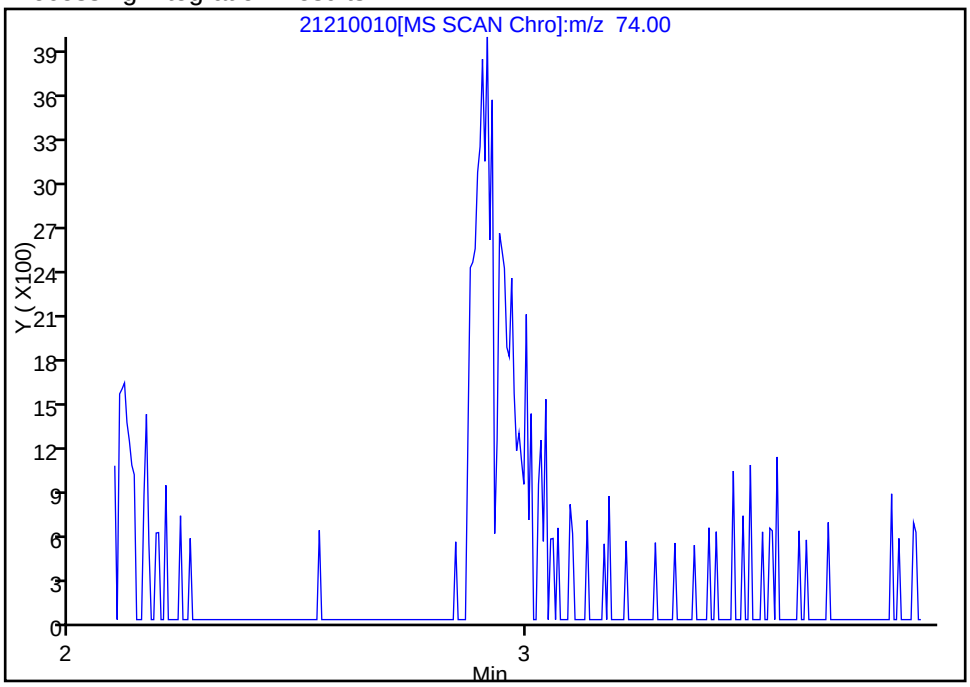
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121210-15667.b\21210010.D		
Injection Date:	10-Dec-2012 11:23:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67921	Lims Sample ID:	10
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

26 N-Nitrosodimethylamine, Signal: 1, m/z: 74.0 Type: quant, RT: 2.87

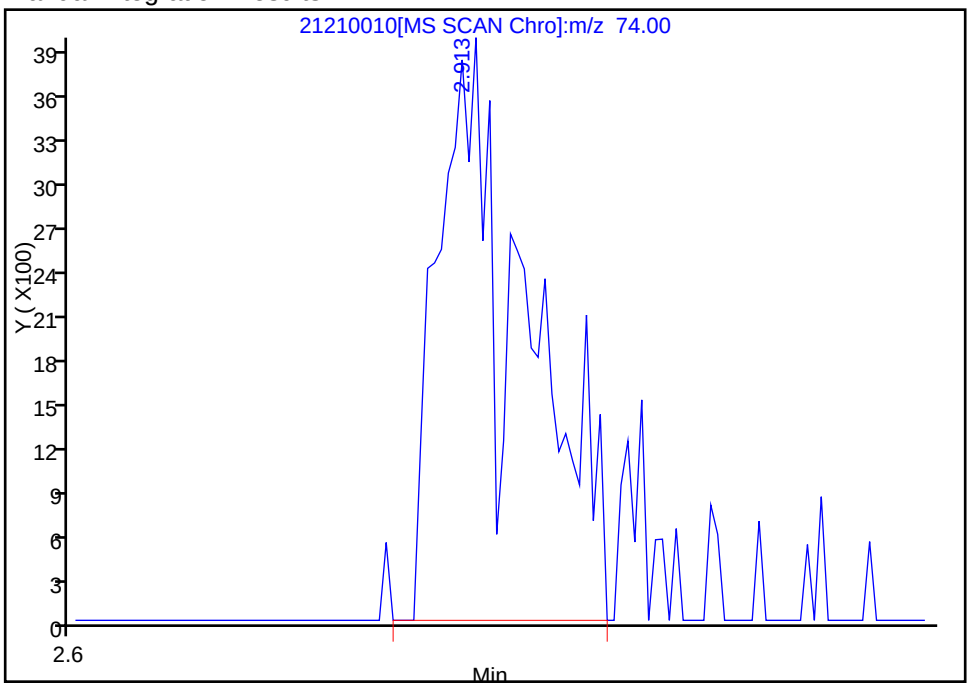
Not Detected
Expected RT: 2.87

Processing Integration Results



Manual Integration Results

RT: 2.91
Response: 18445
Amount: 0.506075



Reviewer: ulmanm, 10-Dec-2012 12:00:25
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

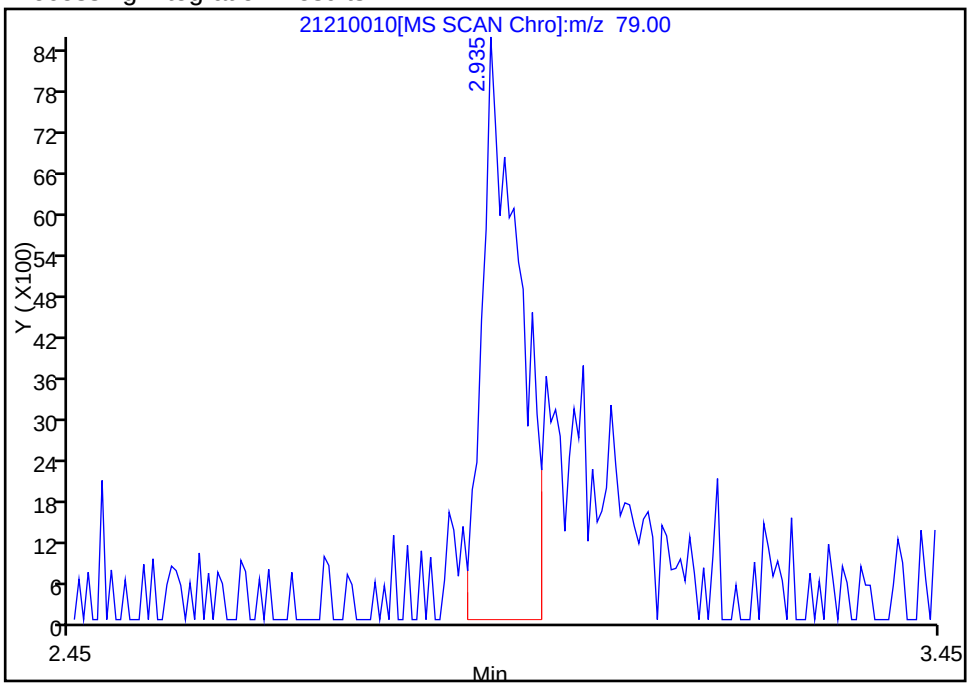
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121210-15667.b\21210010.D		
Injection Date:	10-Dec-2012 11:23:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67921	Lims Sample ID:	10
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

27 Pyridine, Signal: 1, m/z: 79.0 Type: quant, RT: 2.91

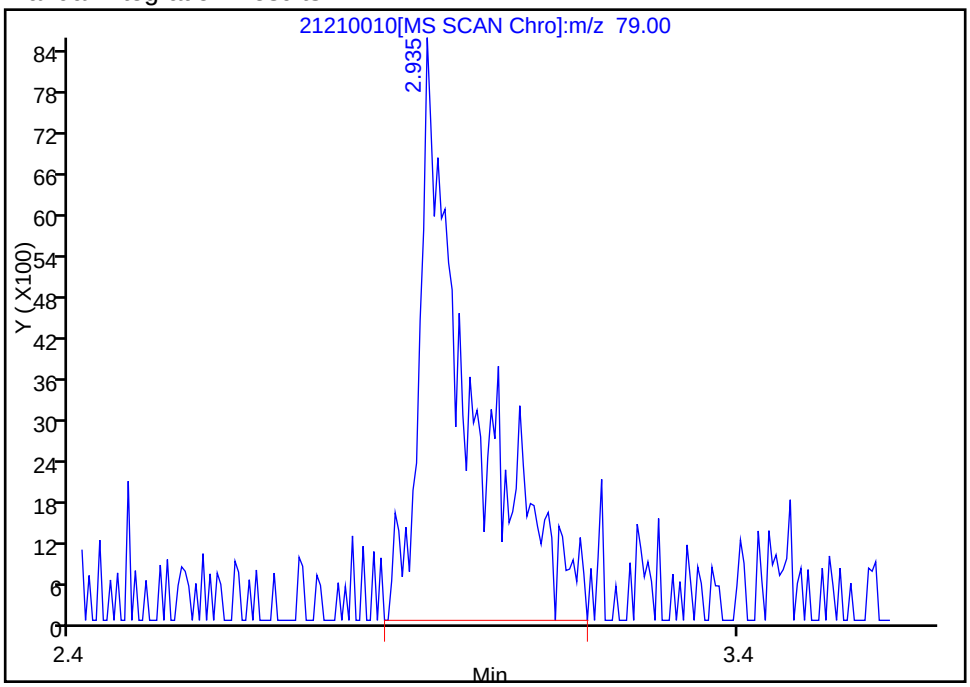
Processing Integration Results

RT: 2.93
Response: 25126
Amount: 0.337840



Manual Integration Results

RT: 2.93
Response: 45614
Amount: 0.613317



Reviewer: ulmanm, 10-Dec-2012 12:00:25
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: mdll3 Calibration Date: 12/10/2012 11:47

Instrument ID: A4HP9 Calib Start Date: 12/03/2012 11:32

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/03/2012 15:01

Lab File ID: 21210011.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,4-Dinitrophenol	Qua				1.69	2.00		
4,6-Dinitro-2-methylphenol	Qua				0.923	1.00		
1,1'-Biphenyl	Ave	1.445			0.000800	1.00		
1,2,4-Trichlorobenzene	Ave	0.3506			0.000800	1.00		
1,2-Dichlorobenzene	Ave	1.526			0.000800	1.00		
1,2-Diphenylhydrazine(as Azobenzene)	Ave	1.346			0.000800	1.00		
1,3-Dichlorobenzene	Ave	1.570			0.000800	1.00		
1,4-Dichlorobenzene	Ave	1.586			0.000800	1.00		
1,4-Dioxane	Ave	0.7764			0.000800	1.00		
2,4,5-Trichlorophenol	Ave	0.3811			0.000800	1.00		
2,4,6-Trichlorophenol	Ave	0.3463			0.000800	1.00		
2,4-Dichlorophenol	Ave	0.2834			0.000800	1.00		
2,4-Dimethylphenol	Ave	0.4935			0.000800	1.00		
2,4-Dinitrotoluene	Ave	0.3626			0.000800	1.00		
2,6-Dinitrotoluene	Ave	0.2702			0.000800	1.00		
2-Chloronaphthalene	Ave	1.103			0.000100	1.00		
2-Chlorophenol	Ave	1.461			0.000800	1.00		
2-Methylnaphthalene	Ave	0.6886			0.000100	1.00		
2-Methylphenol	Ave	1.718			0.000800	1.00		
2-Nitroaniline	Ave	0.5134			0.000800	1.00		
2-Nitrophenol	Ave	0.1757			0.000800	1.00		
3 & 4 Methylphenol	Ave	1.828			0.000800	1.00		
3,3'-Dichlorobenzidine	Qua				0.000800	1.00		
3-Nitroaniline	Ave	0.2907			0.000800	1.00		
4-Bromophenyl phenyl ether	Ave	0.2017			0.000800	1.00		
4-Chloro-3-methylphenol	Ave	0.4157			0.000800	1.00		
4-Chlorophenyl phenyl ether	Ave	0.6916			0.000800	1.00		
4-Nitroaniline	Ave	0.3061			0.000800	1.00		
4-Nitrophenol	Ave	0.2139			0.00240	1.00		

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: mdll3 Calibration Date: 12/10/2012 11:47

Instrument ID: A4HP9 Calib Start Date: 12/03/2012 11:32

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/03/2012 15:01

Lab File ID: 21210011.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Acenaphthene	Ave	1.116			0.000100	1.00		
Acenaphthylene	Ave	1.759			0.000100	1.00		
Acetophenone	Ave	2.653			0.000800	1.00		
Aniline	Ave	3.218			0.00240	1.00		
Anthracene	Ave	1.197			0.000100	1.00		
Atrazine	Ave	0.1759			0.000800	1.00		
Benzaldehyde	Qua				0.000800	1.00		
Benzidine	Qua				0.00240	1.00		
Benzo[a]anthracene	Ave	1.246			0.000100	1.00		
Benzo[a]pyrene	Ave	1.309			0.000100	1.00		
Benzo[b]fluoranthene	Ave	1.387			0.000100	1.00		
Benzo[g,h,i]perylene	Ave	1.208			0.000100	1.00		
Benzo[k]fluoranthene	Ave	1.426			0.000100	1.00		
Benzoic acid	Qua				0.0100	2.00		
Benzyl alcohol	Ave	1.204			0.000800	1.00		
Bis(2-chloroethoxy)methane	Ave	0.6014			0.000800	1.00		
Bis(2-chloroethyl)ether	Ave	1.987			0.000100	1.00		
Bis(2-ethylhexyl) phthalate	Ave	0.8220			0.000800	1.00		
Butyl benzyl phthalate	Ave	0.5524			0.000800	1.00		
Caprolactam	Ave	0.1156			0.000800	1.00		
Carbazole	Ave	1.072			0.000800	1.00		
Chrysene	Ave	1.142			0.000100	1.00		
Dibenz(a,h)anthracene	Ave	1.180			0.000100	1.00		
Dibenzofuran	Ave	1.610			0.000100	1.00		
Diethyl phthalate	Ave	1.286			0.000800	1.00		
Dimethyl phthalate	Ave	1.299			0.000800	1.00		
Di-n-butyl phthalate	Ave	1.317			0.000800	1.00		
Di-n-octyl phthalate	Qua				0.000800	1.00		
Fluoranthene	Ave	1.364			0.000100	1.00		

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: mdll3 Calibration Date: 12/10/2012 11:47

Instrument ID: A4HP9 Calib Start Date: 12/03/2012 11:32

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/03/2012 15:01

Lab File ID: 21210011.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Fluorene	Ave	1.363			0.000100	1.00		
Hexachlorobenzene	Ave	0.2035			0.000100	1.00		
Hexachlorobutadiene	Ave	0.1912			0.000080	1.00		
Hexachlorocyclopentadiene	Ave	0.3216			0.000080	1.00		
Hexachloroethane	Ave	0.7420			0.000080	1.00		
Indeno[1,2,3-cd]pyrene	Ave	1.438			0.000100	1.00		
Isophorone	Ave	1.175			0.000080	1.00		
Naphthalene	Ave	1.099			0.000100	1.00		
Nitrobenzene	Ave	0.6444			0.000100	1.00		
N-Nitrosodimethylamine	Ave	1.020			0.000080	1.00		
N-Nitrosodi-n-propylamine	Ave	1.801			0.000080	1.00		
N-Nitrosodiphenylamine	Ave	0.5526			0.000080	1.00		
Pentachlorophenol	Qua				0.00240	2.00		
Phenanthrene	Ave	1.195			0.000100	1.00		
Phenol	Ave	2.575			0.000080	1.00		
Pyrene	Ave	1.384			0.000100	1.00		
Pyridine	Ave	2.082			0.000080	1.00		
2,4,6-Tribromophenol (Surr)	Ave	0.1549			0.000000	1.00	0*	35-125
2-Fluorobiphenyl (Surr)	Ave	1.328			0.000000	1.00	0*	45-105
2-Fluorophenol (Surr)	Ave	1.574			0.000000	1.00	0*	35-105
Nitrobenzene-d5 (Surr)	Ave	0.6121			0.000000	1.00	0*	35-100
Phenol-d5 (Surr)	Ave	2.273			0.000000	1.00	0*	40-100
Terphenyl-d14 (Surr)	Ave	0.8194			0.000000	1.00	0*	30-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121210-15667.b\21210011.D
Lims ID: mdll3 Client ID:
Inject. Date: 10-Dec-2012 11:47:30 Dil. Factor: 1.0000
Sample Type: LODV
Sample ID: 240-0015667-011
Misc. Info.: MDLL3 =MDLL3
Operator: 001574 Instrument ID: A4HP9
Injection Vol: 1.0 ul ALS Bottle#: 11
Lims Batch ID: 67921 Lims Sample ID: 11
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121210-15667.b\8270 _9.m
Last Update: 11-Dec-2012 08:31:45 Calib Date: 03-Dec-2012 15:01:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: 5% phenyl Column Dia: 0.18 mm
Process Host: XAWRK035

First Level Reviewer: ulmanm Date: 10-Dec-2012 12:23:17

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.939	5.937	0.002	87	140135	4.00	
* 2 Naphthalene-d8	136	7.055	7.054	0.001	98	577147	4.00	
* 3 Acenaphthene-d10	164	8.546	8.550	-0.004	64	368585	4.00	
* 4 Phenanthrene-d10	188	9.806	9.805	0.001	75	622522	4.00	
* 5 Chrysene-d12	240	12.360	12.359	0.001	79	637135	4.00	
* 6 Perylene-d12	264	14.443	14.442	0.001	87	520577	4.00	
$ 7 2-Fluorophenol	112		4.677					
$ 8 Phenol-d5	99		5.579					
$ 9 Nitrobenzene-d5	82		6.424					
$ 10 2-Fluorobiphenyl (Surr)	172		7.962					
$ 11 2,4,6-Tribromophenol	330		9.212					
$ 12 Terphenyl-d14	244		11.157					
20 Dimethylformamide	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
22 Bis(2-hydroxyphenyl)methane	1		0.000					
19 Octachlorostyrene	1		0.000					
23 2,5-Dichlorophenol	1		0.000					
18 Bis(4-hydroxyphenyl)methane	1		0.000					
13 Octachlorocyclopentene	1		0.000					
31 2-Picoline	93		2.310					9
32 N-Nitrosomethylethylamine	88		2.374					
25 1,4-Dioxane	88		2.380					
34 Methyl methanesulfonate	80		2.587					9
30 3-Picoline	93		2.651					
233 n,n'-Dimethylacetamide	44		2.662					
35 Acrylamide	71		2.744					
26 N-Nitrosodimethylamine	74		2.866					
36 N-Nitrosodiethylamine	102		2.897					
27 Pyridine	79		2.914					
37 Ethyl methanesulfonate	79		3.105					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
38 2-Methylcyclohexanone	68		3.292					
39 3-Methylcyclohexanone	69		3.319					
40 4-Methylcyclohexanone	55		3.356					
45 Pentachloroethane	167		3.501					
42 Phenylmercaptan	110		3.596					
28 Ethyl methacrylate	69		3.608					
232 1-Methyl-2-pyrrilidinone	99		3.880					
56 N-Nitrosopyrrolidine	100		3.992					
29 3-Chloropropionitrile	54		4.004					
59 N-Nitrosomorpholine	56		4.013					
60 2-Toluidine	106		4.040					
52 Indene	115		4.084					
63 N-Nitrosopiperidine	114		4.254					
33 Malononitrile	66		4.404					9
68 o,o',o''-Triethylphosphorothioat	198		4.435					
17 4-Chlorophenol	128		4.500					
24 Catechol	110		4.592					
72 alpha,alpha-Dimethyl phenethylam	58		4.601					9
77 2,6-Dichlorophenol	162		4.729					
78 Hexachloropropene	213		4.756					
15 3-Methylcatechol	124		4.913					
83 N-Nitrosodi-n-butylamine	84		4.953					9
85 p-Phenylene diamine	108		4.969					
14 4-Methylcatechol	124		5.036					
81 Benzothiazole	135		5.046					
82 Quinoline	129		5.099					
94 Safrole, Total	162		5.119					
91 1,2,4,5-Tetrachlorobenzene	216		5.327					
225 Isosafrole Peak 1	162		5.333					
227 Isosafrole Peak 2	162		5.498					
41 Benzaldehyde	77		5.537					
43 Phenol	94		5.590					
44 Aniline	93		5.633					
103 1,4-Naphthoquinone	158		5.680					
69 Bis(2-chloroethyl)ether	93		5.686					
104 1,4-Dinitrobenzene	168		5.712					
96 3,4-Dichloronitrobenzene	109		5.725					
46 2-Chlorophenol	128		5.745					
106 1,3-Dinitrobenzene	168		5.771					
101 Phenyl ether	170		5.773					
47 1,3-Dichlorobenzene	146		5.889					
48 1,4-Dichlorobenzene	146		5.953					
49 Benzyl alcohol	108		6.050					
115 Pentachlorobenzene	250		6.091					
50 1,2-Dichlorobenzene	146		6.092					
51 2-Methylphenol	108		6.140					
117 1-Naphthylamine	143		6.166					
53 2,2'-oxybis[1-chloropropane]	45		6.167					
119 2,3,4,6-Tetrachlorophenol	232		6.203					
120 2-Naphthylamine	143		6.225					
21 3 & 4 Methylphenol	108		6.269					
57 N-Nitrosodi-n-propylamine	70		6.279					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
58 Acetophenone	105		6.290					
122 Thionazin	97		6.305					9
124 N-Nitro-o-toluidine	152		6.358					
127 Tributyl phosphate	99		6.379					
61 Hexachloroethane	117		6.391					
130 Diphenylamine	169		6.428					
62 Nitrobenzene	77		6.440					
134 Sulfotepp	202		6.518					
135 1,3,5-Trinitrobenzene	213		6.614					
228 Diallate Peak 1	86		6.630					
138 Phorate	121		6.636					9
137 Phenacetin	108		6.641					9
64 Isophorone	82		6.643					
230 Diallate Peak 2	86		6.695					
66 2-Nitrophenol	139		6.717					
67 1,3,5-Trichlorobenzene	180		6.728					
65 2,4-Dimethylphenol	107		6.733					
140 Dimethoate	87		6.764					9
71 Benzoic acid	122		6.803					
70 Bis(2-chloroethoxy)methane	93		6.819					
129 4-Aminobiphenyl	169		6.892					
144 Pronamide	173		6.919					
145 Pentachloronitrobenzene	237		6.919					
73 2,4-Dichlorophenol	162		6.920					
74 1,2,4-Trichlorobenzene	180		7.000					
146 Disulfoton	88		7.010					9
147 Dinoseb	211		7.020					
75 Naphthalene	128		7.075					
76 4-Chloroaniline	127		7.107					
79 Hexachlorobutadiene	225		7.171					
80 1,2,3-Trichlorobenzene	180	7.194	7.193	0.001	78	46559	0	
152 Methyl parathion	109		7.282					9
84 Caprolactam	113		7.390					
86 4-Chloro-3-methylphenol	107		7.503					
155 Ethyl Parathion	97		7.560					9
156 4-Nitroquinoline-1-oxide	190		7.613					
153 Diphenylsulfone	125		7.616					
157 Methapyrilene	58		7.645					9
87 2-Methylnaphthalene	142		7.663					
88 1-Methylnaphthalene	142		7.748					
89 Hexachlorocyclopentadiene	237		7.791					
90 1,2,3,5-Tetrachlorobenzene	216		7.791					
158 Isodrin	66		7.816					9
92 2,4,6-Trichlorophenol	196		7.887					
93 2,4,5-Trichlorophenol	196		7.919					
97 2,4-Toluene diamine	121		8.032					
99 1,2,3,4 -Tetrachlorobenzene	216	8.044	8.048	-0.004	82	47499	0	
98 1,1'-Biphenyl	154		8.053					
100 2-Chloronaphthalene	162		8.080					
226 Aramite Peak 1	185		8.131					9
102 2-Nitroaniline	65		8.149					
229 Aramite Peak 2	185		8.185					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
163 p-Dimethylamino azobenzene	225		8.276					
105 Dimethyl phthalate	163		8.288					
164 Chlorobenzilate	139		8.297					
107 2,6-Dinitrotoluene	165		8.347					
108 1,2-Dinitrobenzene	168		8.395					
109 Acenaphthylene	152		8.432					
167 Famphur	218		8.473					
110 3-Nitroaniline	138		8.491					
169 3,3'-Dimethylbenzidine	212		8.516					
112 Acenaphthene	153		8.576					
111 2,4-Dinitrophenol	184	8.578	8.582	-0.004	32	2626	1.69	
113 4-Nitrophenol	109		8.608					
114 2,4-Dinitrotoluene	165		8.689					
171 2-Acetylaminofluorene	181		8.713					
116 Dibenzofuran	168		8.721					
118 2,3,5,6-Tetrachlorophenol	232		8.779					
121 Diethyl phthalate	149		8.876					
123 4-Chlorophenyl phenyl ether	204		8.993					
126 Fluorene	166		9.009					
125 4-Nitroaniline	138		9.009					
128 4,6-Dinitro-2-methylphenol	198	9.027	9.031	-0.004	58	6499	0.9231	
131 N-Nitrosodiphenylamine	169		9.089					
132 1,2-Diphenylhydrazine	77		9.127					
133 Azobenzene	77		9.127					
176 Hexabromobenzene	232		9.208					
139 4-Bromophenyl phenyl ether	248		9.410					
141 Hexachlorobenzene	284		9.474					
142 Atrazine	200		9.522					
179 6-Methylchrysene	242		9.576					
143 Pentachlorophenol	266		9.634					
148 Phenanthrene	178		9.826					
181 7,12-Dimethylbenz(a)anthracene	256		9.856					
149 Anthracene	178		9.869					
150 DFTPP								
151 Carbazole	167		9.992					
154 Di-n-butyl phthalate	149		10.249					
185 3-Methylcholanthrene	268		10.594					
159 Fluoranthene	202		10.836					
160 Benzidine	184		10.927					
161 Pyrene	202		11.044					
166 4,4'-DDE	246		11.102					9
165 4,4'-DDD	235		11.471					
168 Butyl benzyl phthalate	149		11.637					
187 Dibenz[a,h]acridine	279		11.729					
170 4,4'-DDT	235		11.760					
186 Dibenz[a,j]acridine	279		11.804					
172 3,3'-Dimethoxybenzidine	244		12.246					
174 4,4'-Methylene bis(2-chloroanili	231		12.289					
175 3,3'-Dichlorobenzidine	252		12.289					
173 Bis(2-ethylhexyl) phthalate	149		12.311					
177 Benzo[a]anthracene	228		12.348					
178 Chrysene	228		12.396					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
180 Di-n-octyl phthalate	149		13.219					
182 Benzo[b]fluoranthene	252		13.860					
183 Benzo[k]fluoranthene	252		13.903					
184 Benzo[a]pyrene	252		14.357					
188 Indeno[1,2,3-cd]pyrene	276		16.109					2
189 Dibenz(a,h)anthracene	278		16.141					
190 Benzo[g,h,i]perylene	276		16.563					
S 191 Methyl Phenols,Total	100		0.000					7
S 95 Isosafrole	162		5.568					7
S 136 Diallate	86		6.701					7
S 162 Aramite, Total	185		8.271					7
T 192 Octadecane (TIC)	57		0.000					
T 195 Hydroquinone TIC	110		0.000					1
T 194 Decane TIC	57		0.000					1
T 240 Trimethyl phosphate TIC	110		3.120					1
T 234 2-Isopropylphenol TIC	121		4.623					1
T 236 3-isopropylphenol TIC	121		4.756					1
T 235 4-isopropylphenol TIC	121		4.756					1
T 193 Hexamethylphosphoramide TIC	135		5.100					1
T 237 3-(1,1-Dimethylethyl Phenol) TIC	135		5.110					1
T 196 Kepone TIC	272		8.281					1
T 242 Triphenyl Phosphate TIC	326		8.700					1
T 238 2,3,7,8-TCDD TIC	1		9.000					1
T 231 2,3,7,8-TCDD	322		9.150					1
T 197 Hexachlorophene TIC	198		9.269					1
T 241 Tricresyl phosphate TIC	368		9.372					1
T 239 Tris(2,3-dibromopropyl)phosphate	201		10.600					1

QC Flag Legend

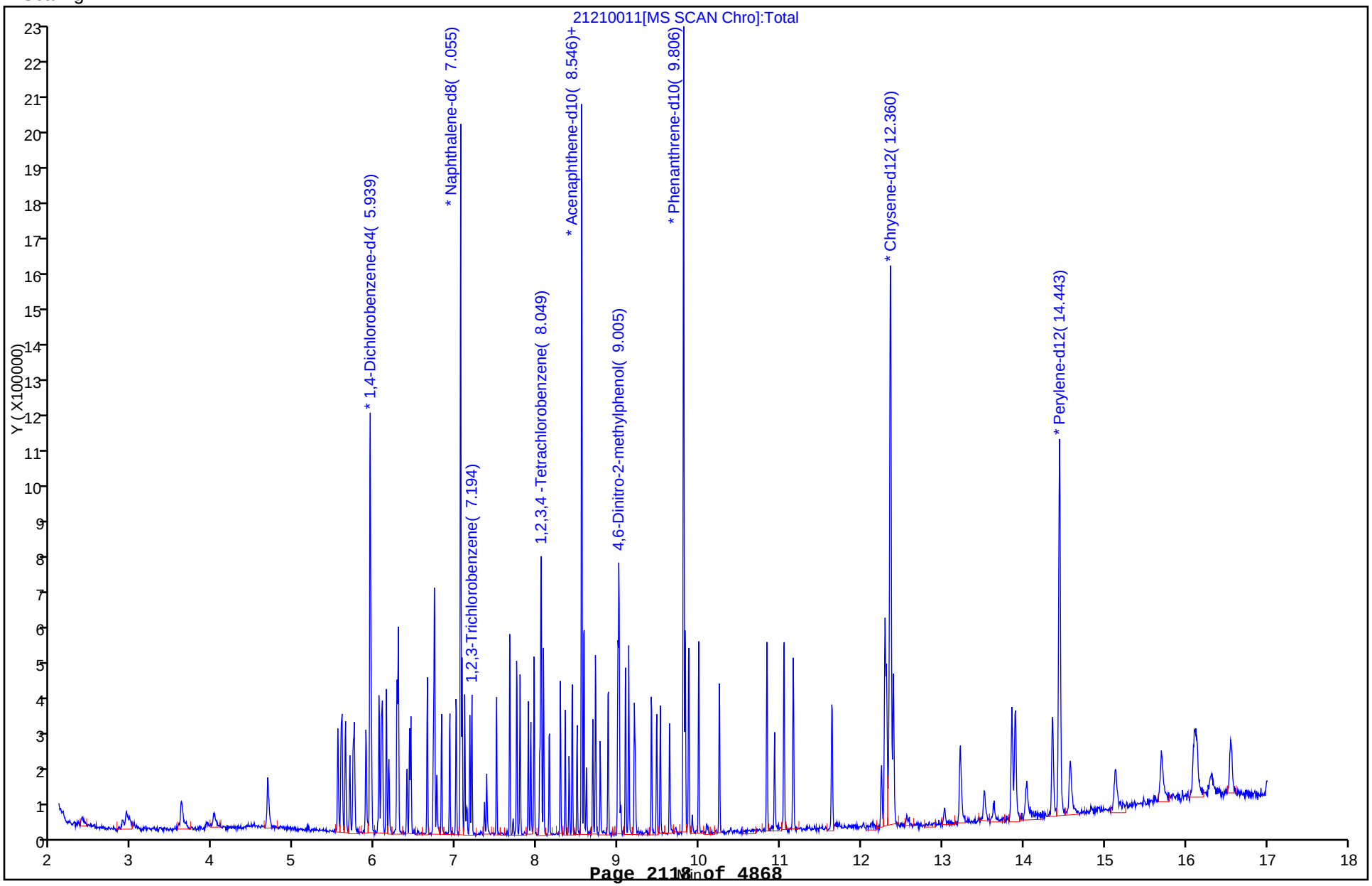
Processing Flags
1 - Missing Peaks
2 - Failed Coelution Test
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

Report Date: 11-Dec-2012 08:31:53 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121210-15667.b\21210011.D		
Injection Date:	10-Dec-2012 11:47:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67921	Lims Sample ID:	11
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: mdll4 Calibration Date: 12/10/2012 12:11

Instrument ID: A4HP9 Calib Start Date: 12/03/2012 11:32

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/03/2012 15:01

Lab File ID: 21210012.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Hexachlorocyclopentadiene	Ave	0.3216			0.0996	2.00		
1,1'-Biphenyl	Ave	1.445			0.000800	2.00		
1,2,4-Trichlorobenzene	Ave	0.3506			0.000800	2.00		
1,2-Dichlorobenzene	Ave	1.526			0.000800	2.00		
1,2-Diphenylhydrazine(as Azobenzene)	Ave	1.346			0.000800	2.00		
1,3-Dichlorobenzene	Ave	1.570			0.000800	2.00		
1,4-Dichlorobenzene	Ave	1.586			0.000800	2.00		
1,4-Dioxane	Ave	0.7764			0.000800	2.00		
2,4,5-Trichlorophenol	Ave	0.3811			0.000800	2.00		
2,4,6-Trichlorophenol	Ave	0.3463			0.000800	2.00		
2,4-Dichlorophenol	Ave	0.2834			0.000800	2.00		
2,4-Dimethylphenol	Ave	0.4935			0.000800	2.00		
2,4-Dinitrophenol	Qua				0.00240	4.00		
2,4-Dinitrotoluene	Ave	0.3626			0.000800	2.00		
2,6-Dinitrotoluene	Ave	0.2702			0.000800	2.00		
2-Chloronaphthalene	Ave	1.103			0.000100	2.00		
2-Chlorophenol	Ave	1.461			0.000800	2.00		
2-Methylnaphthalene	Ave	0.6886			0.000100	2.00		
2-Methylphenol	Ave	1.718			0.000800	2.00		
2-Nitroaniline	Ave	0.5134			0.000800	2.00		
2-Nitrophenol	Ave	0.1757			0.000800	2.00		
3 & 4 Methylphenol	Ave	1.828			0.000800	2.00		
3,3'-Dichlorobenzidine	Qua				0.000800	2.00		
3-Nitroaniline	Ave	0.2907			0.000800	2.00		
4,6-Dinitro-2-methylphenol	Qua				0.00240	2.00		
4-Bromophenyl phenyl ether	Ave	0.2017			0.000800	2.00		
4-Chloro-3-methylphenol	Ave	0.4157			0.000800	2.00		
4-Chlorophenyl phenyl ether	Ave	0.6916			0.000800	2.00		
4-Nitroaniline	Ave	0.3061			0.000800	2.00		
4-Nitrophenol	Ave	0.2139			0.00240	2.00		

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: mdll4 Calibration Date: 12/10/2012 12:11

Instrument ID: A4HP9 Calib Start Date: 12/03/2012 11:32

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/03/2012 15:01

Lab File ID: 21210012.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Acenaphthene	Ave	1.116			0.000100	2.00		
Acenaphthylene	Ave	1.759			0.000100	2.00		
Acetophenone	Ave	2.653			0.000800	2.00		
Aniline	Ave	3.218			0.00240	2.00		
Anthracene	Ave	1.197			0.000100	2.00		
Atrazine	Ave	0.1759			0.000800	2.00		
Benzaldehyde	Qua				0.000800	2.00		
Benzidine	Qua				0.00240	2.00		
Benzo[a]anthracene	Ave	1.246			0.000100	2.00		
Benzo[a]pyrene	Ave	1.309			0.000100	2.00		
Benzo[b]fluoranthene	Ave	1.387			0.000100	2.00		
Benzo[g,h,i]perylene	Ave	1.208			0.000100	2.00		
Benzo[k]fluoranthene	Ave	1.426			0.000100	2.00		
Benzoic acid	Qua				0.0100	4.00		
Benzyl alcohol	Ave	1.204			0.000800	2.00		
Bis(2-chloroethoxy)methane	Ave	0.6014			0.000800	2.00		
Bis(2-chloroethyl)ether	Ave	1.987			0.000100	2.00		
Bis(2-ethylhexyl) phthalate	Ave	0.8220			0.000800	2.00		
Butyl benzyl phthalate	Ave	0.5524			0.000800	2.00		
Caprolactam	Ave	0.1156			0.000800	2.00		
Carbazole	Ave	1.072			0.000800	2.00		
Chrysene	Ave	1.142			0.000100	2.00		
Dibenz(a,h)anthracene	Ave	1.180			0.000100	2.00		
Dibenzofuran	Ave	1.610			0.000100	2.00		
Diethyl phthalate	Ave	1.286			0.000800	2.00		
Dimethyl phthalate	Ave	1.299			0.000800	2.00		
Di-n-butyl phthalate	Ave	1.317			0.000800	2.00		
Di-n-octyl phthalate	Qua				0.000800	2.00		
Fluoranthene	Ave	1.364			0.000100	2.00		

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: mdll4 Calibration Date: 12/10/2012 12:11

Instrument ID: A4HP9 Calib Start Date: 12/03/2012 11:32

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/03/2012 15:01

Lab File ID: 21210012.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Fluorene	Ave	1.363			0.000100	2.00		
Hexachlorobenzene	Ave	0.2035			0.000100	2.00		
Hexachlorobutadiene	Ave	0.1912			0.000080	2.00		
Hexachloroethane	Ave	0.7420			0.000080	2.00		
Indeno[1,2,3-cd]pyrene	Ave	1.438			0.000100	2.00		
Isophorone	Ave	1.175			0.000080	2.00		
Naphthalene	Ave	1.099			0.000100	2.00		
Nitrobenzene	Ave	0.6444			0.000100	2.00		
N-Nitrosodimethylamine	Ave	1.020			0.000080	2.00		
N-Nitrosodi-n-propylamine	Ave	1.801			0.000080	2.00		
N-Nitrosodiphenylamine	Ave	0.5526			0.000080	2.00		
Pentachlorophenol	Qua				0.00240	4.00		
Phenanthrene	Ave	1.195			0.000100	2.00		
Phenol	Ave	2.575			0.000080	2.00		
Pyrene	Ave	1.384			0.000100	2.00		
Pyridine	Ave	2.082			0.000080	2.00		
2,4,6-Tribromophenol (Surr)	Ave	0.1549			0.000000	2.00	0*	35-125
2-Fluorobiphenyl (Surr)	Ave	1.328			0.000000	2.00	0*	45-105
2-Fluorophenol (Surr)	Ave	1.574			0.000000	2.00	0*	35-105
Nitrobenzene-d5 (Surr)	Ave	0.6121			0.000000	2.00	0*	35-100
Phenol-d5 (Surr)	Ave	2.273			0.000000	2.00	0*	40-100
Terphenyl-d14 (Surr)	Ave	0.8194			0.000000	2.00	0*	30-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP9\20121210-15667.b\21210012.D		
Lims ID:	mdll4	Client ID:	
Inject. Date:	10-Dec-2012 12:11:30	Dil. Factor:	1.0000
Sample Type:	LODV		
Sample ID:	240-0015667-012		
Misc. Info.:	MDLL4 =MDLL4		
Operator:	001574	Instrument ID:	A4HP9
Injection Vol:	1.0 ul	ALS Bottle#:	12
Lims Batch ID:	67921	Lims Sample ID:	12
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP9\20121210-15667.b\8270 _9.m		
Last Update:	11-Dec-2012 08:31:45	Calib Date:	03-Dec-2012 15:01:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK035		
First Level Reviewer: ulmanm		Date:	10-Dec-2012 12:50:44

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.938	5.937	0.001	85	123567	4.00	
* 2 Naphthalene-d8	136	7.054	7.054	0.0	98	529656	4.00	
* 3 Acenaphthene-d10	164	8.545	8.550	-0.005	63	321672	4.00	
* 4 Phenanthrene-d10	188	9.806	9.805	0.001	78	552072	4.00	
* 5 Chrysene-d12	240	12.359	12.359	0.0	79	544722	4.00	
* 6 Perylene-d12	264	14.443	14.442	0.001	80	453091	4.00	
$ 7 2-Fluorophenol	112		4.677					
$ 8 Phenol-d5	99		5.579					
$ 9 Nitrobenzene-d5	82		6.424					
$ 10 2-Fluorobiphenyl (Surr)	172		7.962					
$ 11 2,4,6-Tribromophenol	330		9.212					
$ 12 Terphenyl-d14	244		11.157					
20 Dimethylformamide	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
22 Bis(2-hydroxyphenyl)methane	1		0.000					
19 Octachlorostyrene	1		0.000					
23 2,5-Dichlorophenol	1		0.000					
18 Bis(4-hydroxyphenyl)methane	1		0.000					
13 Octachlorocyclopentene	1		0.000					
31 2-Picoline	93		2.310					
32 N-Nitrosomethylethylamine	88		2.374					9
25 1,4-Dioxane	88		2.380					
34 Methyl methanesulfonate	80		2.587					
30 3-Picoline	93		2.651					9
233 n,n'-Dimethylacetamide	44		2.662					9
35 Acrylamide	71		2.744					
26 N-Nitrosodimethylamine	74		2.866					
36 N-Nitrosodiethylamine	102		2.897					
27 Pyridine	79		2.914					
37 Ethyl methanesulfonate	79		3.105					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
38 2-Methylcyclohexanone	68		3.292					
39 3-Methylcyclohexanone	69		3.319					
40 4-Methylcyclohexanone	55		3.356					
45 Pentachloroethane	167		3.501					
42 Phenylmercaptan	110		3.596					
28 Ethyl methacrylate	69		3.608					
232 1-Methyl-2-pyrrilidinone	99		3.880					
56 N-Nitrosopyrrolidine	100		3.992					
29 3-Chloropropionitrile	54		4.004					
59 N-Nitrosomorpholine	56		4.013					
60 2-Toluidine	106		4.040					
52 Indene	115		4.084					
63 N-Nitrosopiperidine	114		4.254					
33 Malononitrile	66		4.404					2
68 o,o',o''-Triethylphosphorothioat	198		4.435					
17 4-Chlorophenol	128		4.500					
24 Catechol	110		4.592					
72 alpha,alpha-Dimethyl phenethylam	58		4.601					9
77 2,6-Dichlorophenol	162		4.729					
78 Hexachloropropene	213		4.756					
15 3-Methylcatechol	124		4.913					
83 N-Nitrosodi-n-butylamine	84		4.953					
85 p-Phenylene diamine	108		4.969					
14 4-Methylcatechol	124		5.036					
81 Benzothiazole	135		5.046					
82 Quinoline	129		5.099					
94 Safrole, Total	162		5.119					
91 1,2,4,5-Tetrachlorobenzene	216		5.327					
225 Isosafrole Peak 1	162		5.333					
227 Isosafrole Peak 2	162		5.498					
41 Benzaldehyde	77		5.537					
43 Phenol	94		5.590					
44 Aniline	93		5.633					
103 1,4-Naphthoquinone	158		5.680					
69 Bis(2-chloroethyl)ether	93		5.686					
104 1,4-Dinitrobenzene	168		5.712					
96 3,4-Dichloronitrobenzene	109		5.725					
46 2-Chlorophenol	128		5.745					
106 1,3-Dinitrobenzene	168		5.771					
101 Phenyl ether	170		5.773					
47 1,3-Dichlorobenzene	146		5.889					
48 1,4-Dichlorobenzene	146		5.953					
49 Benzyl alcohol	108		6.050					
115 Pentachlorobenzene	250		6.091					
50 1,2-Dichlorobenzene	146		6.092					
51 2-Methylphenol	108		6.140					
117 1-Naphthylamine	143		6.166					
53 2,2'-oxybis[1-chloropropane]	45		6.167					
119 2,3,4,6-Tetrachlorophenol	232		6.203					
120 2-Naphthylamine	143		6.225					
21 3 & 4 Methylphenol	108		6.269					
57 N-Nitrosodi-n-propylamine	70		6.279					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
58 Acetophenone	105		6.290					
122 Thionazin	97		6.305					9
124 N-Nitro-o-toluidine	152		6.358					
127 Tributyl phosphate	99		6.379					9
61 Hexachloroethane	117		6.391					
130 Diphenylamine	169		6.428					
62 Nitrobenzene	77		6.440					
134 Sulfotepp	202		6.518					
135 1,3,5-Trinitrobenzene	213		6.614					
228 Diallate Peak 1	86		6.630					
138 Phorate	121		6.636					9
137 Phenacetin	108		6.641					9
64 Isophorone	82		6.643					
230 Diallate Peak 2	86		6.695					
66 2-Nitrophenol	139		6.717					
67 1,3,5-Trichlorobenzene	180		6.728					
65 2,4-Dimethylphenol	107		6.733					
140 Dimethoate	87		6.764					9
71 Benzoic acid	122		6.803					
70 Bis(2-chloroethoxy)methane	93		6.819					
129 4-Aminobiphenyl	169		6.892					
144 Pronamide	173		6.919					9
145 Pentachloronitrobenzene	237		6.919					
73 2,4-Dichlorophenol	162		6.920					
74 1,2,4-Trichlorobenzene	180		7.000					
146 Disulfoton	88		7.010					9
147 Dinoseb	211		7.020					
75 Naphthalene	128		7.075					
76 4-Chloroaniline	127		7.107					
79 Hexachlorobutadiene	225		7.171					
80 1,2,3-Trichlorobenzene	180		7.193					
152 Methyl parathion	109		7.282					9
84 Caprolactam	113		7.390					
86 4-Chloro-3-methylphenol	107		7.503					
155 Ethyl Parathion	97		7.560					9
156 4-Nitroquinoline-1-oxide	190		7.613					
153 Diphenylsulfone	125		7.616					
157 Methapyrilene	58		7.645					
87 2-Methylnaphthalene	142		7.663					
88 1-Methylnaphthalene	142		7.748					
89 Hexachlorocyclopentadiene	237	7.792	7.791	0.001	3	2576	0.0996	
90 1,2,3,5-Tetrachlorobenzene	216		7.791					
158 Isodrin	66		7.816					9
92 2,4,6-Trichlorophenol	196		7.887					
93 2,4,5-Trichlorophenol	196		7.919					
97 2,4-Toluene diamine	121		8.032					
99 1,2,3,4 -Tetrachlorobenzene	216		8.048					
98 1,1'-Biphenyl	154		8.053					
100 2-Chloronaphthalene	162		8.080					
226 Aramite Peak 1	185		8.131					
102 2-Nitroaniline	65		8.149					
229 Aramite Peak 2	185		8.185					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
163 p-Dimethylamino azobenzene	225		8.276					
105 Dimethyl phthalate	163		8.288					
164 Chlorobenzilate	139		8.297					
107 2,6-Dinitrotoluene	165		8.347					
108 1,2-Dinitrobenzene	168		8.395					
109 Acenaphthylene	152		8.432					
167 Famphur	218		8.473					
110 3-Nitroaniline	138		8.491					
169 3,3'-Dimethylbenzidine	212		8.516					
112 Acenaphthene	153		8.576					
111 2,4-Dinitrophenol	184		8.582					
113 4-Nitrophenol	109		8.608					
114 2,4-Dinitrotoluene	165		8.689					
171 2-Acetylaminofluorene	181		8.713					
116 Dibenzofuran	168		8.721					
118 2,3,5,6-Tetrachlorophenol	232		8.779					
121 Diethyl phthalate	149		8.876					
123 4-Chlorophenyl phenyl ether	204		8.993					
126 Fluorene	166		9.009					
125 4-Nitroaniline	138		9.009					
128 4,6-Dinitro-2-methylphenol	198		9.031					
131 N-Nitrosodiphenylamine	169		9.089					
132 1,2-Diphenylhydrazine	77		9.127					
133 Azobenzene	77		9.127					
176 Hexabromobenzene	232		9.208					
139 4-Bromophenyl phenyl ether	248		9.410					
141 Hexachlorobenzene	284		9.474					
142 Atrazine	200		9.522					
179 6-Methylchrysene	242		9.576					
143 Pentachlorophenol	266		9.634					
148 Phenanthrene	178		9.826					
181 7,12-Dimethylbenz(a)anthracene	256		9.856					
149 Anthracene	178		9.869					
150 DFTPP								
151 Carbazole	167		9.992					
154 Di-n-butyl phthalate	149		10.249					
185 3-Methylcholanthrene	268		10.594					
159 Fluoranthene	202		10.836					
160 Benzidine	184		10.927					
161 Pyrene	202		11.044					
166 4,4'-DDE	246		11.102					9
165 4,4'-DDD	235		11.471					
168 Butyl benzyl phthalate	149		11.637					
187 Dibenz[a,h]acridine	279		11.729					
170 4,4'-DDT	235		11.760					
186 Dibenz[a,j]acridine	279		11.804					
172 3,3'-Dimethoxybenzidine	244		12.246					
174 4,4'-Methylene bis(2-chloroanili	231		12.289					
175 3,3'-Dichlorobenzidine	252		12.289					
173 Bis(2-ethylhexyl) phthalate	149		12.311					
177 Benzo[a]anthracene	228		12.348					
178 Chrysene	228		12.396					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
180 Di-n-octyl phthalate	149		13.219					
182 Benzo[b]fluoranthene	252		13.860					
183 Benzo[k]fluoranthene	252		13.903					
184 Benzo[a]pyrene	252		14.357					
188 Indeno[1,2,3-cd]pyrene	276		16.109					
189 Dibenz(a,h)anthracene	278		16.141					
190 Benzo[g,h,i]perylene	276		16.563					
S 191 Methyl Phenols,Total	100		0.000					7
S 95 Isosafrole	162		5.568					7
S 136 Diallate	86		6.701					7
S 162 Aramite, Total	185		8.271					7
T 192 Octadecane (TIC)	57		0.000					1
T 195 Hydroquinone TIC	110		0.000					
T 194 Decane TIC	57		0.000					1
T 240 Trimethyl phosphate TIC	110		3.120					1
T 234 2-Isopropylphenol TIC	121		4.623					1
T 236 3-isopropylphenol TIC	121		4.756					1
T 235 4-isopropylphenol TIC	121		4.756					1
T 193 Hexamethylphosphoramide TIC	135		5.100					1
T 237 3-(1,1-Dimethylethyl Phenol) TIC	135		5.110					1
T 196 Kepone TIC	272		8.281					
T 242 Triphenyl Phosphate TIC	326		8.700					1
T 238 2,3,7,8-TCDD TIC	1		9.000					1
T 231 2,3,7,8-TCDD	322		9.150					
T 197 Hexachlorophene TIC	198		9.269					
T 241 Tricresyl phosphate TIC	368		9.372					1
T 239 Tris(2,3-dibromopropyl)phosphate	201		10.600					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
2 - Failed Coelution Test
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

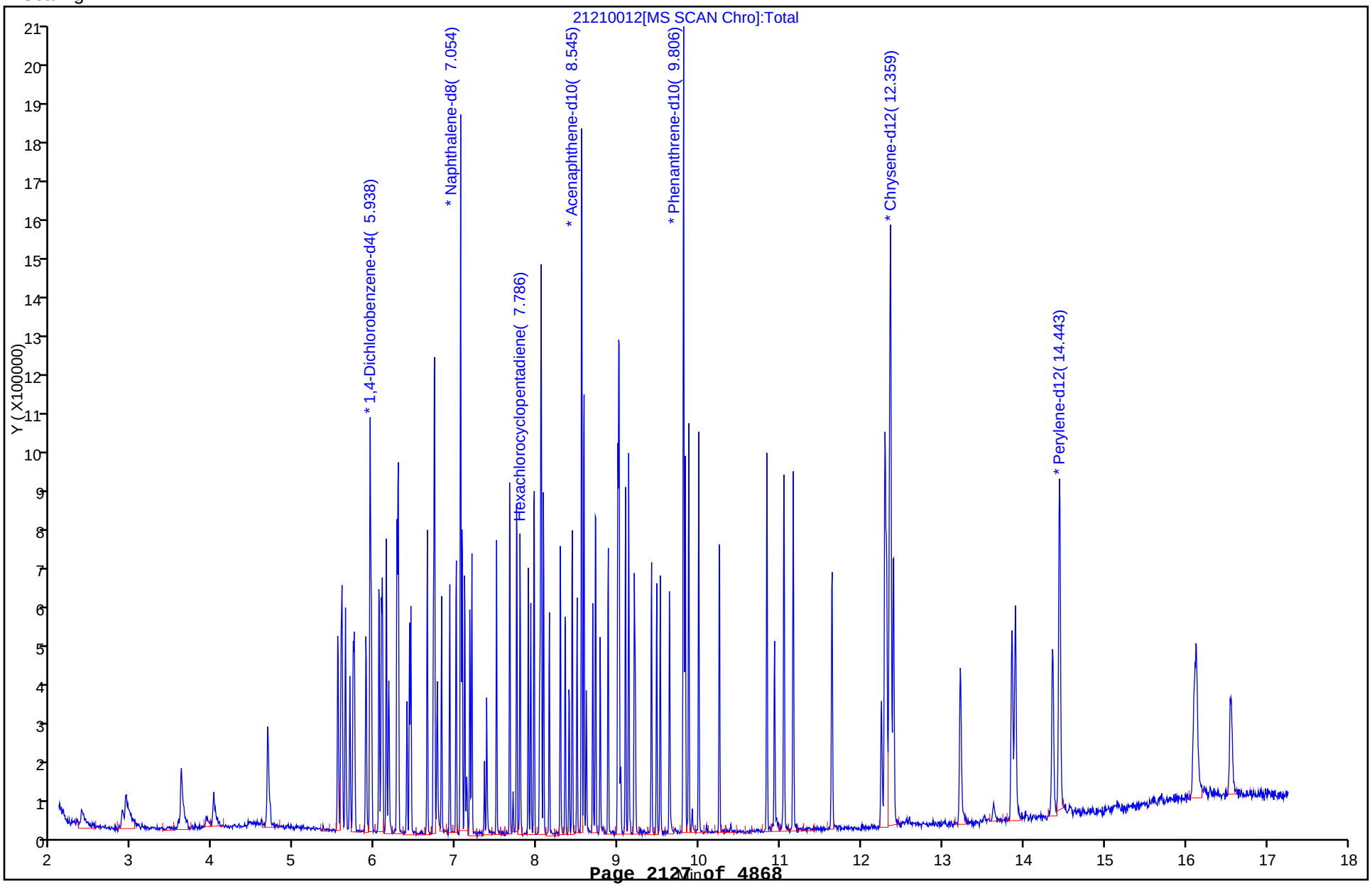
Report Date: 11-Dec-2012 08:31:54 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121210-15667.b\21210012.D

Injection Date:	10-Dec-2012 12:11:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67921	Lims Sample ID:	12
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: CCV 240-68349/2 Calibration Date: 12/12/2012 11:01

Instrument ID: A4HP9 Calib Start Date: 12/11/2012 12:10

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/11/2012 15:28

Lab File ID: 21212102.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Qua		0.7083		10.1	10.0	1.2	
N-Nitrosodimethylamine	Qua		0.9761		10.2	10.0	2.3	
Pyridine	Ave	1.899	1.827		9.62	10.0	-3.8	
Benzaldehyde	Ave	2.129	2.060		9.67	10.0	-3.3	
Phenol	Ave	2.416	2.337		9.67	10.0	-3.3	
Aniline	Ave	2.926	2.909		9.94	10.0	-0.6	
Bis(2-chloroethyl)ether	Ave	2.220	2.177		9.81	10.0	-1.9	
2-Chlorophenol	Ave	1.356	1.280		9.44	10.0	-5.6	
1,3-Dichlorobenzene	Ave	1.785	1.675		9.38	10.0	-6.2	
1,4-Dichlorobenzene	Ave	1.508	1.397		9.26	10.0	-7.4	
Benzyl alcohol	Ave	1.046	1.001		9.57	10.0	-4.3	
1,2-Dichlorobenzene	Ave	1.701	1.561		9.17	10.0	-8.3	
2-Methylphenol	Ave	1.516	1.507		9.94	10.0	-0.6	
3 & 4 Methylphenol	Ave	1.624	1.564		9.63	10.0	-3.7	
N-Nitrosodi-n-propylamine	Ave	1.615	1.603		9.93	10.0	-0.7	
Acetophenone	Ave	2.431	2.350		9.67	10.0	-3.3	
Hexachloroethane	Ave	0.7781	0.7116		9.15	10.0	-8.5	
Nitrobenzene	Ave	0.7249	0.7642		10.5	10.0	5.4	
Isophorone	Ave	1.056	1.092		10.3	10.0	3.5	
2-Nitrophenol	Ave	0.1739	0.1751		10.1	10.0	0.7	
2,4-Dimethylphenol	Ave	0.4549	0.4555		10.0	10.0	0.1	
Benzoic acid	Qua		0.2112		19.3	20.0	-3.7	
Bis(2-chloroethoxy)methane	Ave	0.6949	0.6967		10.0	10.0	0.3	
2,4-Dichlorophenol	Ave	0.2648	0.2640		9.97	10.0	-0.3	
1,2,4-Trichlorobenzene	Ave	0.3791	0.3727		9.83	10.0	-1.7	
Naphthalene	Ave	1.020	1.011		9.92	10.0	-0.8	
Hexachlorobutadiene	Ave	0.2075	0.2054		9.90	10.0	-1.0	
Caprolactam	Ave	0.1033	0.1225		11.8	10.0	18.5	
4-Chloro-3-methylphenol	Ave	0.3920	0.3930		10.0	10.0	0.3	
2-Methylnaphthalene	Ave	0.6859	0.6615		9.64	10.0	-3.6	
Hexachlorocyclopentadiene	Ave	0.3801	0.3934		10.4	10.0	3.5	
2,4,6-Trichlorophenol	Ave	0.3296	0.3422		10.4	10.0	3.8	
2,4,5-Trichlorophenol	Ave	0.3509	0.3551		10.1	10.0	1.2	
1,1'-Biphenyl	Ave	1.370	1.370		10.0	10.0	-0.0	
2-Chloronaphthalene	Ave	1.237	1.244		10.1	10.0	0.6	
2-Nitroaniline	Ave	0.4702	0.5018		10.7	10.0	6.7	
Dimethyl phthalate	Ave	1.198	1.201		10.0	10.0	0.3	
2,6-Dinitrotoluene	Qua		0.3234		10.1	10.0	0.8	
Acenaphthylene	Ave	1.742	1.792		10.3	10.0	2.9	
3-Nitroaniline	Ave	0.2802	0.2987		10.7	10.0	6.6	
2,4-Dinitrophenol	Qua		0.1827		19.3	20.0	-3.4	

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: CCV 240-68349/2 Calibration Date: 12/12/2012 11:01

Instrument ID: A4HP9 Calib Start Date: 12/11/2012 12:10

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/11/2012 15:28

Lab File ID: 21212102.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Acenaphthene	Ave	1.124	1.099		9.79	10.0	-2.1	
4-Nitrophenol	Ave	0.2223	0.2183		9.82	10.0	-1.8	
2,4-Dinitrotoluene	Ave	0.4097	0.4396		10.7	10.0	7.3	
Dibenzofuran	Ave	1.529	1.509		9.87	10.0	-1.3	
Diethyl phthalate	Ave	1.198	1.223		10.2	10.0	2.1	
4-Chlorophenyl phenyl ether	Ave	0.7347	0.7305		9.94	10.0	-0.6	
4-Nitroaniline	Qua		0.3223		10.1	10.0	1.2	
Fluorene	Ave	1.287	1.280		9.94	10.0	-0.6	
4,6-Dinitro-2-methylphenol	Qua		0.1226		9.18	10.0	-8.2	
N-Nitrosodiphenylamine	Ave	0.5305	0.5381		10.1	10.0	1.4	
1,2-Diphenylhydrazine(as Azobenzene)	Ave	1.281	1.330		10.4	10.0	3.8	
4-Bromophenyl phenyl ether	Ave	0.2201	0.2189		9.94	10.0	-0.6	
Hexachlorobenzene	Ave	0.2171	0.2169		9.99	10.0	-0.1	
Atrazine	Ave	0.1567	0.1557		9.94	10.0	-0.6	
Pentachlorophenol	Qua		0.1398		19.9	20.0	-0.5	
Phenanthrene	Ave	1.093	1.050		9.60	10.0	-4.0	
Anthracene	Ave	1.055	1.093		10.4	10.0	3.6	
Carbazole	Ave	0.997	1.007		10.1	10.0	0.9	
Di-n-butyl phthalate	Ave	1.234	1.234		10.0	10.0	-0.0	
Fluoranthene	Ave	1.170	1.155		9.87	10.0	-1.3	
Benzidine	Qua		0.4655		8.97	10.0	-10.3	
Pyrene	Ave	1.200	1.199		9.99	10.0	-0.1	
Butyl benzyl phthalate	Ave	0.5018	0.5207		10.4	10.0	3.8	
3,3'-Dichlorobenzidine	Ave	0.3751	0.3949		10.5	10.0	5.3	
Bis(2-ethylhexyl) phthalate	Ave	0.7246	0.7639		10.5	10.0	5.4	
Benzo[a]anthracene	Ave	1.108	1.104		9.97	10.0	-0.3	
Chrysene	Ave	1.022	1.017		9.95	10.0	-0.5	
Di-n-octyl phthalate	Qua		1.629		10.1	10.0	0.8	
Benzo[b]fluoranthene	Ave	1.241	1.266		10.2	10.0	2.0	
Benzo[k]fluoranthene	Ave	1.231	1.346		10.9	10.0	9.4	
Benzo[a]pyrene	Ave	1.113	1.230		11.0	10.0	10.5	
Indeno[1,2,3-cd]pyrene	Ave	1.227	1.307		10.7	10.0	6.6	
Dibenz(a,h)anthracene	Ave	1.035	1.109		10.7	10.0	7.1	
Benzo[g,h,i]perylene	Ave	1.017	1.084		10.7	10.0	6.6	
2-Fluorophenol (Surr)	Ave	1.462	1.449		9.91	10.0	-0.9	
Phenol-d5 (Surr)	Ave	2.119	2.106		9.94	10.0	-0.6	
Nitrobenzene-d5 (Surr)	Ave	0.6785	0.7147		10.5	10.0	5.3	
2-Fluorobiphenyl (Surr)	Ave	1.541	1.516		9.84	10.0	-1.6	
2,4,6-Tribromophenol (Surr)	Ave	0.1212	0.1357		11.2	10.0	11.9	
Terphenyl-d14 (Surr)	Ave	0.8035	0.8257		10.3	10.0	2.8	

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP9\20121212-15768.b\21212102.D		
Lims ID:	ccv tcl	Client ID:	
Inject. Date:	12-Dec-2012 11:01:30	Dil. Factor:	1.0000
Sample Type:	CCVIS		
Sample ID:	240-0015768-002		
Misc. Info.:	CCV TCL =CCV TCL		
Operator:	001574	Instrument ID:	A4HP9
Injection Vol:	1.0 ul	ALS Bottle#:	2
Lims Batch ID:	68349	Lims Sample ID:	2
Sublist:	chrom-8270 _9*sub13		
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP9\20121212-15768.b\8270 _9.m		
Last Update:	13-Dec-2012 11:16:11	Calib Date:	11-Dec-2012 15:28:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK018		
First Level Reviewer: ulmanm		Date:	12-Dec-2012 11:37:49

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	6.081	6.081	0.0	86	123087	4.00	
* 2 Naphthalene-d8	136	7.187	7.187	0.0	99	472716	4.00	
* 3 Acenaphthene-d10	164	8.682	8.682	0.0	68	281922	4.00	
* 4 Phenanthrene-d10	188	9.949	9.949	0.0	91	490477	4.00	
* 5 Chrysene-d12	240	12.588	12.588	0.0	79	494953	4.00	
* 6 Perylene-d12	264	14.740	14.740	0.0	80	383055	4.00	
$ 7 2-Fluorophenol	112	4.852	4.852	0.0	93	445929	9.91	
$ 8 Phenol-d5	99	5.718	5.718	0.0	0	648044	9.94	
$ 9 Nitrobenzene-d5	82	6.556	6.556	0.0	82	844643	10.5	
$ 10 2-Fluorobiphenyl (Surr)	172	8.095	8.095	0.0	95	1068824	9.84	
$ 11 2,4,6-Tribromophenol	330	9.350	9.350	0.0	72	95619	11.2	
$ 12 Terphenyl-d14	244	11.327	11.327	0.0	92	1021754	10.3	
25 1,4-Dioxane	88	2.806	2.806	0.0	79	217941	10.1	
26 N-Nitrosodimethylamine	74	3.276	3.276	0.0	78	300369	10.2	
27 Pyridine	79	3.324	3.324	0.0	93	562064	9.62	
28 Ethyl methacrylate	69	3.885	3.885	0.0	82	538959	9.99	
29 3-Chloropropionitrile	54	4.232	4.232	0.0	85	265816	11.1	
33 Malononitrile	66		4.612					
41 Benzaldehyde	77	5.691	5.691	0.0	84	633767	9.67	
43 Phenol	94	5.728	5.728	0.0	91	719151	9.67	
44 Aniline	93	5.782	5.782	0.0	96	895165	9.94	
69 Bis(2-chloroethyl)ether	93	5.830	5.830	0.0	96	669891	9.81	
46 2-Chlorophenol	128	5.888	5.888	0.0	88	393902	9.44	
47 1,3-Dichlorobenzene	146	6.027	6.027	0.0	81	515427	9.38	
48 1,4-Dichlorobenzene	146	6.091	6.091	0.0	77	429924	9.26	
49 Benzyl alcohol	108	6.182	6.182	0.0	84	307890	9.57	
50 1,2-Dichlorobenzene	146	6.230	6.230	0.0	81	480380	9.17	
51 2-Methylphenol	108	6.268	6.268	0.0	94	463670	9.94	
53 2,2'-oxybis[1-chloropropane]	45	6.300	6.300	0.0	96	664438	9.87	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
21 3 & 4 Methylphenol	108	6.396	6.396	0.0	92	481205	9.63	
57 N-Nitrosodi-n-propylamine	70	6.412	6.412	0.0	70	493208	9.93	
58 Acetophenone	105	6.423	6.423	0.0	75	723149	9.67	
61 Hexachloroethane	117	6.530	6.530	0.0	90	218978	9.15	
62 Nitrobenzene	77	6.572	6.572	0.0	72	903172	10.5	
64 Isophorone	82	6.775	6.775	0.0	94	1290703	10.3	
66 2-Nitrophenol	139	6.850	6.850	0.0	84	206892	10.1	
67 1,3,5-Trichlorobenzene	180	6.861	6.861	0.0	76	449309	9.83	
65 2,4-Dimethylphenol	107	6.861	6.861	0.0	95	538286	10.0	
71 Benzoic acid	122	6.914	6.914	0.0	83	499129	19.3	
70 Bis(2-chloroethoxy)methane	93	6.946	6.946	0.0	98	823306	10.0	
73 2,4-Dichlorophenol	162	7.048	7.048	0.0	89	311964	9.97	
74 1,2,4-Trichlorobenzene	180	7.133	7.133	0.0	86	440436	9.83	
75 Naphthalene	128	7.208	7.208	0.0	97	1195295	9.92	
76 4-Chloroaniline	127	7.235	7.235	0.0	79	493200	10.1	
79 Hexachlorobutadiene	225	7.299	7.299	0.0	87	242732	9.90	
80 1,2,3-Trichlorobenzene	180	7.326	7.326	0.0	78	431474	0	
84 Caprolactam	113	7.518	7.518	0.0	78	144723	11.8	
86 4-Chloro-3-methylphenol	107	7.625	7.625	0.0	78	464395	10.0	
87 2-Methylnaphthalene	142	7.790	7.790	0.0	85	781786	9.64	
88 1-Methylnaphthalene	142	7.881	7.881	0.0	80	756710	10.2	
90 1,2,3,5-Tetrachlorobenzene	216	7.918	7.918	0.0	83	437779	10.3	
89 Hexachlorocyclopentadiene	237	7.924	7.924	0.0	74	277272	10.4	
92 2,4,6-Trichlorophenol	196	8.020	8.020	0.0	87	241183	10.4	
93 2,4,5-Trichlorophenol	196	8.052	8.052	0.0	88	250244	10.1	
97 2,4-Toluene diamine	121	8.164	8.164	0.0	94	235837	10.7	
99 1,2,3,4 -Tetrachlorobenzene	216	8.175	8.175	0.0	86	415936	0	
98 1,1'-Biphenyl	154	8.180	8.180	0.0	95	965241	10.0	
100 2-Chloronaphthalene	162	8.212	8.212	0.0	97	876893	10.1	
102 2-Nitroaniline	65	8.282	8.282	0.0	72	353666	10.7	
105 Dimethyl phthalate	163	8.415	8.415	0.0	93	846769	10.0	
107 2,6-Dinitrotoluene	165	8.474	8.474	0.0	73	227907	10.1	
108 1,2-Dinitrobenzene	168	8.527	8.527	0.0	81	115107	10.1	
109 Acenaphthylene	152	8.565	8.565	0.0	87	1262886	10.3	
110 3-Nitroaniline	138	8.624	8.624	0.0	87	210509	10.7	
111 2,4-Dinitrophenol	184	8.709	8.709	0.0	70	257464	19.3	
112 Acenaphthene	153	8.709	8.709	0.0	86	774923	9.79	
113 4-Nitrophenol	109	8.736	8.736	0.0	84	153854	9.82	
114 2,4-Dinitrotoluene	165	8.821	8.821	0.0	80	309843	10.7	
116 Dibenzofuran	168	8.859	8.859	0.0	86	1063794	9.87	
118 2,3,5,6-Tetrachlorophenol	232	8.912	8.912	0.0	85	210751	10.4	
121 Diethyl phthalate	149	9.008	9.008	0.0	94	862250	10.2	
123 4-Chlorophenyl phenyl ether	204	9.131	9.131	0.0	92	514829	9.94	
125 4-Nitroaniline	138	9.142	9.142	0.0	77	227157	10.1	
126 Fluorene	166	9.147	9.147	0.0	69	902246	9.94	
128 4,6-Dinitro-2-methylphenol	198	9.163	9.163	0.0	64	150380	9.18	
131 N-Nitrosodiphenylamine	169	9.227	9.227	0.0	93	659747	10.1	
133 Azobenzene	77	9.265	9.265	0.0	93	1631403	10.4	
132 1,2-Diphenylhydrazine	77	9.265	9.265	0.0	100	1630953	10.4	
139 4-Bromophenyl phenyl ether	248	9.548	9.548	0.0	68	268369	9.94	
141 Hexachlorobenzene	284	9.617	9.617	0.0	80	265932	9.99	
142 Atrazine	200	9.655	9.655	0.0	81	190967	9.94	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
143 Pentachlorophenol	266	9.772	9.772	0.0	77	342811	19.9	
148 Phenanthrene	178	9.970	9.970	0.0	83	1287715	9.60	
149 Anthracene	178	10.013	10.013	0.0	83	1340212	10.4	
151 Carbazole	167	10.135	10.135	0.0	82	1234160	10.1	
154 Di-n-butyl phthalate	149	10.387	10.387	0.0	100	1513002	10.0	
159 Fluoranthene	202	10.996	10.996	0.0	83	1416404	9.87	
160 Benzidine	184	11.086	11.086	0.0	87	576039	8.97	
161 Pyrene	202	11.215	11.215	0.0	73	1483220	9.99	
168 Butyl benzyl phthalate	149	11.824	11.824	0.0	85	644248	10.4	
172 3,3'-Dimethoxybenzidine	244	12.465	12.465	0.0	84	275405	8.84	
174 4,4'-Methylene bis(2-chloroanili	231	12.513	12.513	0.0	69	258733	10.4	
175 3,3'-Dichlorobenzidine	252	12.513	12.513	0.0	74	488684	10.5	
173 Bis(2-ethylhexyl) phthalate	149	12.523	12.523	0.0	94	945237	10.5	
177 Benzo[a]anthracene	228	12.571	12.571	0.0	83	1366226	9.97	
178 Chrysene	228	12.625	12.625	0.0	87	1258363	9.95	
180 Di-n-octyl phthalate	149	13.469	13.469	0.0	99	1559713	10.1	
182 Benzo[b]fluoranthene	252	14.137	14.137	0.0	84	1212347	10.2	
183 Benzo[k]fluoranthene	252	14.179	14.179	0.0	85	1289365	10.9	
184 Benzo[a]pyrene	252	14.655	14.655	0.0	76	1177955	11.0	
188 Indeno[1,2,3-cd]pyrene	276	16.477	16.477	0.0	81	1252060	10.7	
189 Dibenz(a,h)anthracene	278	16.509	16.509	0.0	62	1061690	10.7	
190 Benzo[g,h,i]perylene	276	16.973	16.973	0.0	73	1037720	10.7	
S 191 Methyl Phenols,Total	100				0		19.6	

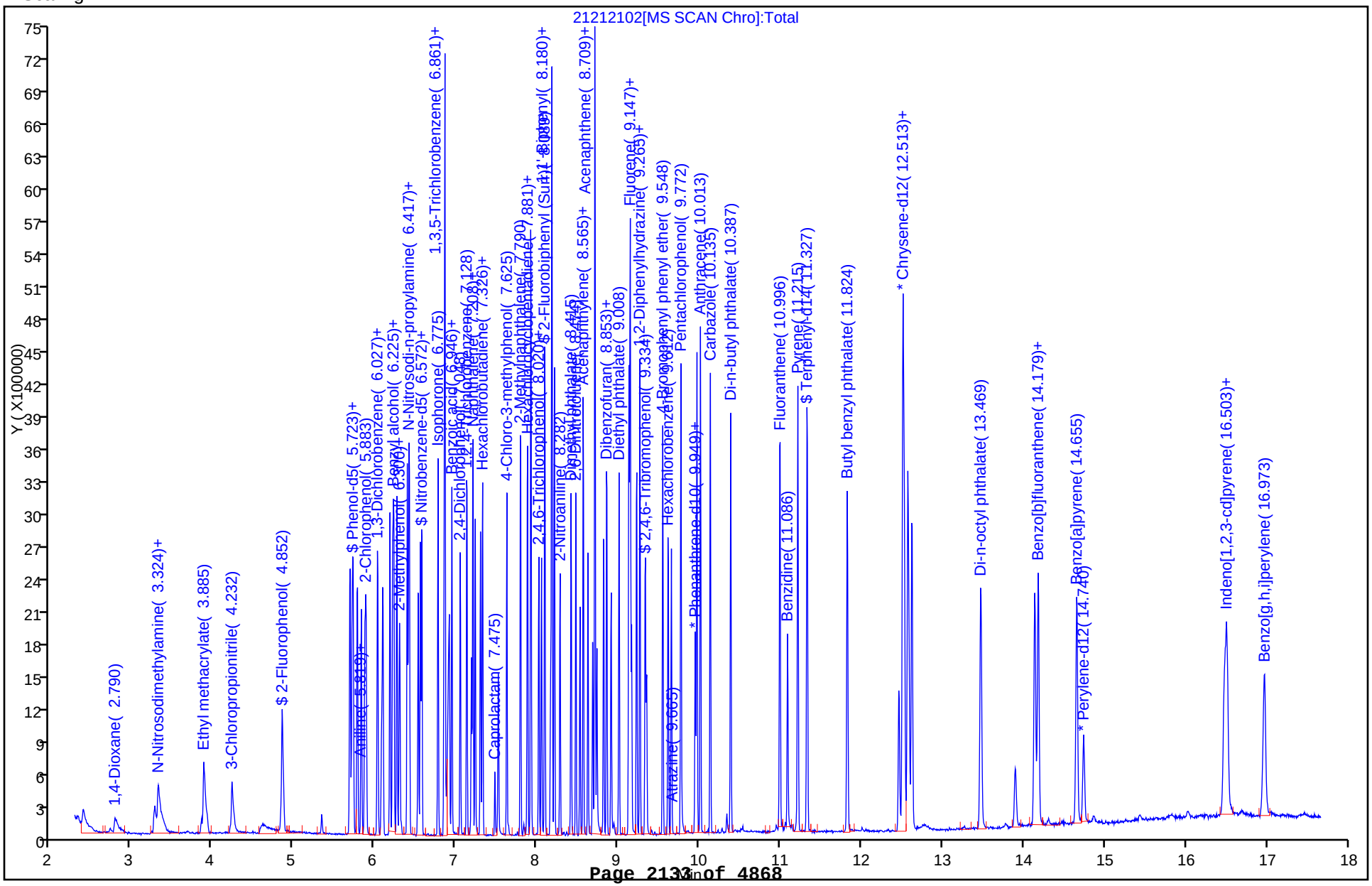
Report Date: 13-Dec-2012 11:16:12 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121212-15768.b\21212102.D

Injection Date:	12-Dec-2012 11:01:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68349	Lims Sample ID:	2
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: ICV 240-68349/3 Calibration Date: 12/12/2012 11:26

Instrument ID: A4HP9 Calib Start Date: 11/22/2012 11:53

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 11/22/2012 14:05

Lab File ID: 21212103.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2,4,5-Tetrachlorobenzene	Ave	0.5590			0.000550	10.0		
2,6-Dichlorophenol	Ave	0.2986			0.0100	10.0		
N-Nitrosopyrrolidine	Ave	0.9013			0.00240	10.0		

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121212-15768.b\21212103.D
Lims ID: icv ind
Client ID:
Inject. Date: 12-Dec-2012 11:26:30
Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0015768-003
Misc. Info.: ICV IND =ICV IND
Operator: 001574
Instrument ID: A4HP9
Injection Vol: 1.0 ul
ALS Bottle#: 3
Lims Batch ID: 68349
Lims Sample ID: 3
Sublist:
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121212-15768.b\8270 _9.m
Last Update: 13-Dec-2012 09:49:55
Calib Date: 11-Dec-2012 15:28:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: 5% phenyl
Column Dia: 0.18 mm
Process Host: XAWRK018

First Level Reviewer: ulmanm
Date: 12-Dec-2012 12:05:31

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	6.078	6.081	-0.003	84	111158	4.00	
* 2 Naphthalene-d8	136	7.189	7.187	0.002	99	441524	4.00	
* 3 Acenaphthene-d10	164	8.685	8.682	0.003	73	276463	4.00	
* 4 Phenanthrene-d10	188	9.951	9.949	0.003	78	459750	4.00	
* 5 Chrysene-d12	240	12.584	12.588	-0.004	79	476688	4.00	
* 6 Perylene-d12	264	14.743	14.740	0.003	95	337679	4.00	
25 1,4-Dioxane	88	2.798	2.806	-0.008	86	221042	11.4	
26 N-Nitrosodimethylamine	74	3.278	3.276	0.002	80	278031	10.5	
56 N-Nitrosopyrrolidine	100		3.992					
77 2,6-Dichlorophenol	162		4.729					
91 1,2,4,5-Tetrachlorobenzene	216		5.327					
41 Benzaldehyde	77	5.688	5.691	-0.003	75	95563	1.62	
43 Phenol	94	5.725	5.728	-0.003	97	657121	9.79	
44 Aniline	93	5.779	5.782	-0.003	95	696070	8.56	
69 Bis(2-chloroethyl)ether	93	5.827	5.830	-0.003	94	528884	8.57	
46 2-Chlorophenol	128	5.885	5.888	-0.003	88	378693	10.1	
47 1,3-Dichlorobenzene	146	6.030	6.027	0.003	83	411884	8.30	
48 1,4-Dichlorobenzene	146	6.094	6.091	0.003	77	411705	9.82	
49 Benzyl alcohol	108	6.185	6.182	0.003	84	299751	10.3	
119 2,3,4,6-Tetrachlorophenol	232		6.203					
50 1,2-Dichlorobenzene	146	6.227	6.230	-0.003	79	400392	8.47	
51 2-Methylphenol	108	6.265	6.268	-0.003	93	400413	9.51	
53 2,2'-oxybis[1-chloropropane]	45	6.302	6.300	0.002	95	538824	8.86	
21 3 & 4 Methylphenol	108	6.393	6.396	-0.003	93	452302	10.0	
57 N-Nitrosodi-n-propylamine	70	6.409	6.412	-0.003	73	495916	11.1	
58 Acetophenone	105	6.420	6.423	-0.003	75	662874	9.81	
61 Hexachloroethane	117	6.532	6.530	0.002	89	195127	9.02	
62 Nitrobenzene	77	6.575	6.572	0.003	78	706829	8.83	
64 Isophorone	82	6.772	6.775	-0.003	95	1205268	10.3	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
66 2-Nitrophenol	139	6.847	6.850	-0.003	86	201397	10.5	
65 2,4-Dimethylphenol	107	6.858	6.861	-0.003	96	486479	9.69	
71 Benzoic acid	122	6.911	6.914	-0.003	82	463487	19.2	
70 Bis(2-chloroethoxy)methane	93	6.943	6.946	-0.003	97	651908	8.50	
73 2,4-Dichlorophenol	162	7.050	7.048	0.002	91	300601	10.3	
74 1,2,4-Trichlorobenzene	180	7.130	7.133	-0.003	76	344710	8.24	
75 Naphthalene	128	7.205	7.208	-0.003	98	1114005	9.89	
76 4-Chloroaniline	127	7.237	7.235	0.002	79	433375	9.48	
79 Hexachlorobutadiene	225	7.301	7.299	0.002	88	193468	8.45	
84 Caprolactam	113	7.520	7.518	0.002	78	129846	11.4	
86 4-Chloro-3-methylphenol	107	7.622	7.625	-0.003	77	431790	9.98	
87 2-Methylnaphthalene	142	7.793	7.790	0.003	85	741341	9.79	
89 Hexachlorocyclopentadiene	237	7.921	7.924	-0.003	92	214821	8.18	
92 2,4,6-Trichlorophenol	196	8.017	8.020	-0.003	88	228458	10.0	
93 2,4,5-Trichlorophenol	196	8.049	8.052	-0.003	88	236293	9.74	
98 1,1'-Biphenyl	154	8.183	8.180	0.003	96	925645	9.78	
100 2-Chloronaphthalene	162	8.209	8.212	-0.003	97	705605	8.25	
102 2-Nitroaniline	65	8.279	8.282	-0.003	71	343843	10.6	
105 Dimethyl phthalate	163	8.418	8.415	0.003	94	814316	9.83	
107 2,6-Dinitrotoluene	165	8.476	8.474	0.002	78	179474	8.24	
109 Acenaphthylene	152	8.567	8.565	0.002	89	1161183	9.65	
110 3-Nitroaniline	138	8.626	8.624	0.002	83	190615	9.84	
111 2,4-Dinitrophenol	184	8.711	8.709	0.002	63	215543	16.8	
112 Acenaphthene	153	8.711	8.709	0.002	87	718787	9.26	
113 4-Nitrophenol	109	8.733	8.736	-0.003	86	133658	8.70	
114 2,4-Dinitrotoluene	165	8.818	8.821	-0.003	74	244360	8.63	
116 Dibenzofuran	168	8.856	8.859	-0.003	85	1026609	9.71	
121 Diethyl phthalate	149	9.005	9.008	-0.003	94	814120	9.83	
123 4-Chlorophenyl phenyl ether	204	9.128	9.131	-0.003	94	402518	7.93	
125 4-Nitroaniline	138	9.144	9.142	0.002	69	184198	8.50	
126 Fluorene	166	9.149	9.147	0.002	67	834739	9.38	
128 4,6-Dinitro-2-methylphenol	198	9.166	9.163	0.003	72	151709	9.80	
131 N-Nitrosodiphenylamine	169	9.224	9.227	-0.003	94	601988	9.87	
133 Azobenzene	77	9.267	9.265	0.002	93	1559517	10.6	
139 4-Bromophenyl phenyl ether	248	9.550	9.548	0.002	67	201000	7.95	
141 Hexachlorobenzene	284	9.614	9.617	-0.003	74	208325	8.35	
142 Atrazine	200	9.652	9.655	-0.003	80	109432	6.08	
143 Pentachlorophenol	266	9.769	9.772	-0.003	76	300321	18.7	
148 Phenanthrene	178	9.967	9.970	-0.003	86	1209823	9.63	
149 Anthracene	178	10.015	10.013	0.002	84	1188714	9.80	
151 Carbazole	167	10.132	10.135	-0.003	83	1106271	9.65	
154 Di-n-butyl phthalate	149	10.389	10.387	0.002	100	1428390	10.1	
159 Fluoranthene	202	10.993	10.996	-0.003	78	1333419	9.91	
160 Benzidine	184	11.089	11.086	0.003	59	18258	0.8129	
161 Pyrene	202	11.212	11.215	-0.003	72	1339535	9.37	
168 Butyl benzyl phthalate	149	11.826	11.824	0.002	87	611110	10.2	
175 3,3'-Dichlorobenzidine	252	12.510	12.513	-0.003	72	342505	7.66	
173 Bis(2-ethylhexyl) phthalate	149	12.526	12.523	0.003	94	878806	10.2	
177 Benzo[a]anthracene	228	12.574	12.571	0.003	83	1218044	9.23	
178 Chrysene	228	12.622	12.625	-0.003	81	1182032	9.71	
180 Di-n-octyl phthalate	149	13.471	13.469	0.002	99	1408602	10.3	
182 Benzo[b]fluoranthene	252	14.139	14.137	0.002	81	1096537	10.5	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
183 Benzo[k]fluoranthene	252	14.182	14.179	0.003	90	1117638	10.8	
184 Benzo[a]pyrene	252	14.657	14.655	0.002	77	960146	10.2	
188 Indeno[1,2,3-cd]pyrene	276	16.479	16.477	0.002	79	1122407	10.8	
189 Dibenz(a,h)anthracene	278	16.506	16.509	-0.003	74	930764	10.7	
190 Benzo[g,h,i]perylene	276	16.970	16.973	-0.003	83	959162	11.2	

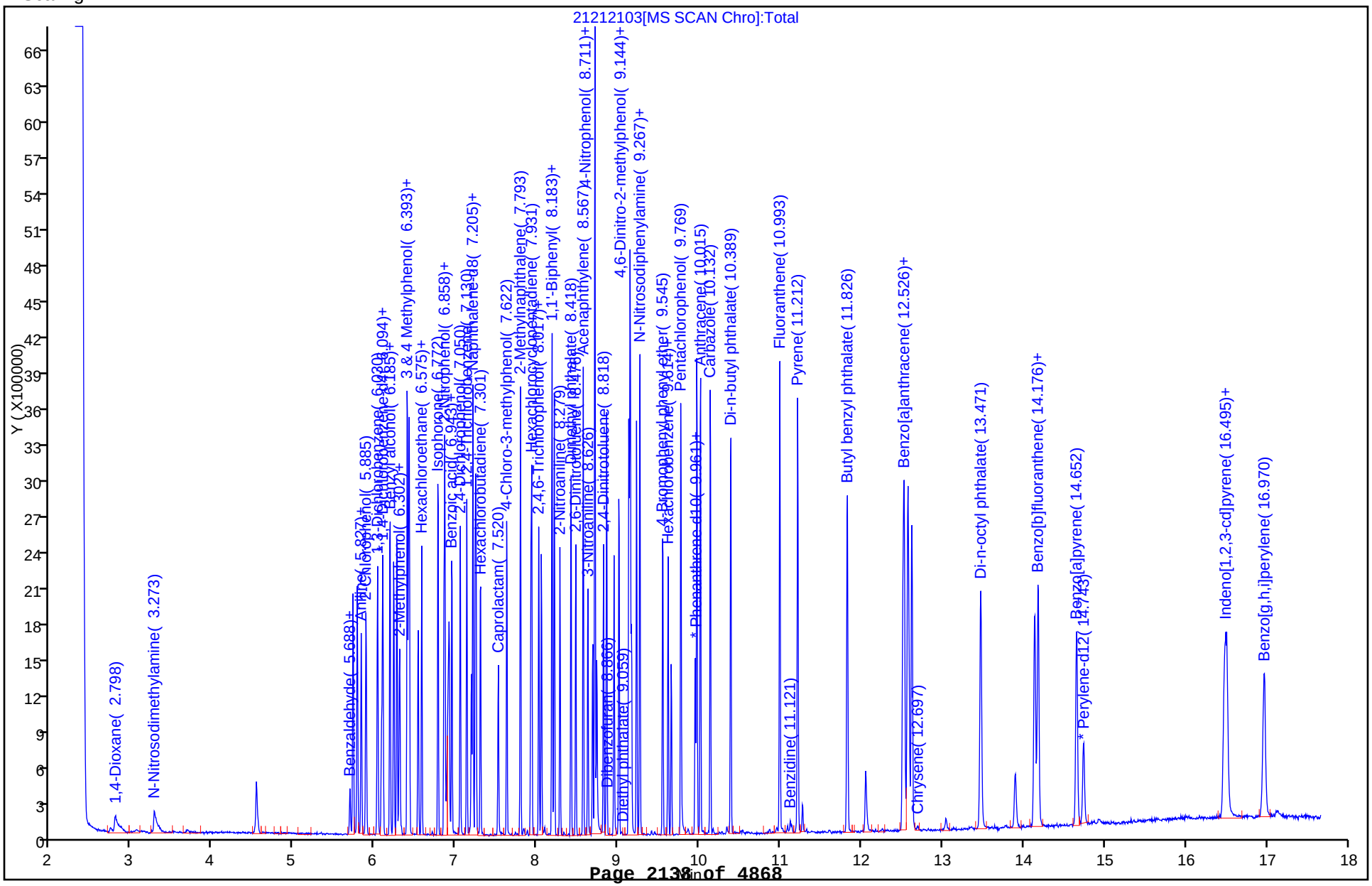
Report Date: 13-Dec-2012 09:49:56 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121212-15768.b\21212103.D

Injection Date:	12-Dec-2012 11:26:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68349	Lims Sample ID:	3
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: ICV 240-68349/3 Calibration Date: 12/12/2012 11:26

Instrument ID: A4HP9 Calib Start Date: 12/11/2012 12:10

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/11/2012 15:28

Lab File ID: 21212103.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Qua		0.7954		11.4	10.0	13.7	
N-Nitrosodimethylamine	Qua		1.000		10.5	10.0	4.6	
Benzaldehyde	Ave	2.129	0.3439		1.62	10.0	-83.8	
Phenol	Ave	2.416	2.365		9.79	10.0	-2.1	
Aniline	Ave	2.926	2.505		8.56	10.0	-14.4	
Bis(2-chloroethyl)ether	Ave	2.220	1.903		8.57	10.0	-14.3	
2-Chlorophenol	Ave	1.356	1.363		10.1	10.0	0.5	
1,3-Dichlorobenzene	Ave	1.785	1.482		8.30	10.0	-17.0	
1,4-Dichlorobenzene	Ave	1.508	1.482		9.82	10.0	-1.8	
Benzyl alcohol	Ave	1.046	1.079		10.3	10.0	3.2	
1,2-Dichlorobenzene	Ave	1.701	1.441		8.47	10.0	-15.3	
2-Methylphenol	Ave	1.516	1.441		9.51	10.0	-4.9	
3 & 4 Methylphenol	Ave	1.624	1.628		10.0	10.0	0.2	
N-Nitrosodi-n-propylamine	Ave	1.615	1.785		11.1	10.0	10.5	
Acetophenone	Ave	2.431	2.385		9.81	10.0	-1.9	
Hexachloroethane	Ave	0.7781	0.7022		9.02	10.0	-9.8	
Nitrobenzene	Ave	0.7249	0.6404		8.83	10.0	-11.7	
Isophorone	Ave	1.056	1.092		10.3	10.0	3.4	
2-Nitrophenol	Ave	0.1739	0.1825		10.5	10.0	5.0	
2,4-Dimethylphenol	Ave	0.4549	0.4407		9.69	10.0	-3.1	
Benzoic acid	Qua		0.2100		19.2	20.0	-4.2	
Bis(2-chloroethoxy)methane	Ave	0.6949	0.5906		8.50	10.0	-15.0	
2,4-Dichlorophenol	Ave	0.2648	0.2723		10.3	10.0	2.9	
1,2,4-Trichlorobenzene	Ave	0.3791	0.3123		8.24	10.0	-17.6	
Naphthalene	Ave	1.020	1.009		9.89	10.0	-1.1	
Hexachlorobutadiene	Ave	0.2075	0.1753		8.45	10.0	-15.5	
Caprolactam	Ave	0.1033	0.1176		11.4	10.0	13.8	
4-Chloro-3-methylphenol	Ave	0.3920	0.3912		9.98	10.0	-0.2	
2-Methylnaphthalene	Ave	0.6859	0.6716		9.79	10.0	-2.1	
Hexachlorocyclopentadiene	Ave	0.3801	0.3108		8.18	10.0	-18.2	
2,4,6-Trichlorophenol	Ave	0.3296	0.3305		10.0	10.0	0.3	
2,4,5-Trichlorophenol	Ave	0.3509	0.3419		9.74	10.0	-2.6	
1,1'-Biphenyl	Ave	1.370	1.339		9.78	10.0	-2.2	
2-Chloronaphthalene	Ave	1.237	1.021		8.25	10.0	-17.5	
2-Nitroaniline	Ave	0.4702	0.4975		10.6	10.0	5.8	
Dimethyl phthalate	Ave	1.198	1.178		9.83	10.0	-1.7	
2,6-Dinitrotoluene	Qua		0.2597		8.24	10.0	-17.6	
Acenaphthylene	Ave	1.742	1.680		9.65	10.0	-3.5	
3-Nitroaniline	Ave	0.2802	0.2758		9.84	10.0	-1.6	
2,4-Dinitrophenol	Qua		0.1559		16.8	20.0	-16.1	
Acenaphthene	Ave	1.124	1.040		9.26	10.0	-7.4	

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: ICV 240-68349/3 Calibration Date: 12/12/2012 11:26

Instrument ID: A4HP9 Calib Start Date: 12/11/2012 12:10

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/11/2012 15:28

Lab File ID: 21212103.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Nitrophenol	Ave	0.2223	0.1934		8.70	10.0	-13.0	
2,4-Dinitrotoluene	Ave	0.4097	0.3536		8.63	10.0	-13.7	
Dibenzofuran	Ave	1.529	1.485		9.71	10.0	-2.9	
Diethyl phthalate	Ave	1.198	1.178		9.83	10.0	-1.7	
4-Chlorophenyl phenyl ether	Ave	0.7347	0.5824		7.93	10.0	-20.7	
4-Nitroaniline	Qua		0.2665		8.50	10.0	-15.0	
Fluorene	Ave	1.287	1.208		9.38	10.0	-6.2	
4,6-Dinitro-2-methylphenol	Qua		0.1320		9.80	10.0	-2.0	
N-Nitrosodiphenylamine	Ave	0.5305	0.5238		9.87	10.0	-1.3	
4-Bromophenyl phenyl ether	Ave	0.2201	0.1749		7.95	10.0	-20.5	
Hexachlorobenzene	Ave	0.2171	0.1813		8.35	10.0	-16.5	
Atrazine	Ave	0.1567	0.0952		6.08	10.0	-39.2	
Pentachlorophenol	Qua		0.1307		18.7	20.0	-6.6	
Phenanthrene	Ave	1.093	1.053		9.63	10.0	-3.7	
Anthracene	Ave	1.055	1.034		9.80	10.0	-2.0	
Carbazole	Ave	0.997	0.9625		9.65	10.0	-3.5	
Di-n-butyl phthalate	Ave	1.234	1.243		10.1	10.0	0.7	
Fluoranthene	Ave	1.170	1.160		9.91	10.0	-0.9	
Benzidine	Qua		0.0153		0.813	10.0	-91.9	
Pyrene	Ave	1.200	1.124		9.37	10.0	-6.3	
Butyl benzyl phthalate	Ave	0.5018	0.5128		10.2	10.0	2.2	
3,3'-Dichlorobenzidine	Ave	0.3751	0.2874		7.66	10.0	-23.4	
Bis(2-ethylhexyl) phthalate	Ave	0.7246	0.7374		10.2	10.0	1.8	
Benzo[a]anthracene	Ave	1.108	1.022		9.23	10.0	-7.7	
Chrysene	Ave	1.022	0.9919		9.71	10.0	-2.9	
Di-n-octyl phthalate	Qua		1.669		10.3	10.0	3.0	
Benzo[b]fluoranthene	Ave	1.241	1.299		10.5	10.0	4.6	
Benzo[k]fluoranthene	Ave	1.231	1.324		10.8	10.0	7.6	
Benzo[a]pyrene	Ave	1.113	1.137		10.2	10.0	2.1	
Indeno[1,2,3-cd]pyrene	Ave	1.227	1.330		10.8	10.0	8.4	
Dibenz(a,h)anthracene	Ave	1.035	1.103		10.7	10.0	6.5	
Benzo[g,h,i]perylene	Ave	1.017	1.136		11.2	10.0	11.8	

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121212-15768.b\21212103.D
Lims ID: icv ind
Client ID:
Inject. Date: 12-Dec-2012 11:26:30
Dil. Factor: 1.0000
Sample Type: ICV
Sample ID: 240-0015768-003
Misc. Info.: ICV IND =ICV IND
Operator: 001574
Instrument ID: A4HP9
Injection Vol: 1.0 ul
ALS Bottle#: 3
Lims Batch ID: 68349
Lims Sample ID: 3
Sublist:
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121212-15768.b\8270 _9.m
Last Update: 13-Dec-2012 09:49:55
Calib Date: 11-Dec-2012 15:28:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: 5% phenyl
Column Dia: 0.18 mm
Process Host: XAWRK018

First Level Reviewer: ulmanm
Date: 12-Dec-2012 12:05:31

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	6.078	6.081	-0.003	84	111158	4.00	
* 2 Naphthalene-d8	136	7.189	7.187	0.002	99	441524	4.00	
* 3 Acenaphthene-d10	164	8.685	8.682	0.003	73	276463	4.00	
* 4 Phenanthrene-d10	188	9.951	9.949	0.003	78	459750	4.00	
* 5 Chrysene-d12	240	12.584	12.588	-0.004	79	476688	4.00	
* 6 Perylene-d12	264	14.743	14.740	0.003	95	337679	4.00	
25 1,4-Dioxane	88	2.798	2.806	-0.008	86	221042	11.4	
26 N-Nitrosodimethylamine	74	3.278	3.276	0.002	80	278031	10.5	
56 N-Nitrosopyrrolidine	100		3.992					
77 2,6-Dichlorophenol	162		4.729					
91 1,2,4,5-Tetrachlorobenzene	216		5.327					
41 Benzaldehyde	77	5.688	5.691	-0.003	75	95563	1.62	
43 Phenol	94	5.725	5.728	-0.003	97	657121	9.79	
44 Aniline	93	5.779	5.782	-0.003	95	696070	8.56	
69 Bis(2-chloroethyl)ether	93	5.827	5.830	-0.003	94	528884	8.57	
46 2-Chlorophenol	128	5.885	5.888	-0.003	88	378693	10.1	
47 1,3-Dichlorobenzene	146	6.030	6.027	0.003	83	411884	8.30	
48 1,4-Dichlorobenzene	146	6.094	6.091	0.003	77	411705	9.82	
49 Benzyl alcohol	108	6.185	6.182	0.003	84	299751	10.3	
119 2,3,4,6-Tetrachlorophenol	232		6.203					
50 1,2-Dichlorobenzene	146	6.227	6.230	-0.003	79	400392	8.47	
51 2-Methylphenol	108	6.265	6.268	-0.003	93	400413	9.51	
53 2,2'-oxybis[1-chloropropane]	45	6.302	6.300	0.002	95	538824	8.86	
21 3 & 4 Methylphenol	108	6.393	6.396	-0.003	93	452302	10.0	
57 N-Nitrosodi-n-propylamine	70	6.409	6.412	-0.003	73	495916	11.1	
58 Acetophenone	105	6.420	6.423	-0.003	75	662874	9.81	
61 Hexachloroethane	117	6.532	6.530	0.002	89	195127	9.02	
62 Nitrobenzene	77	6.575	6.572	0.003	78	706829	8.83	
64 Isophorone	82	6.772	6.775	-0.003	95	1205268	10.3	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
66 2-Nitrophenol	139	6.847	6.850	-0.003	86	201397	10.5	
65 2,4-Dimethylphenol	107	6.858	6.861	-0.003	96	486479	9.69	
71 Benzoic acid	122	6.911	6.914	-0.003	82	463487	19.2	
70 Bis(2-chloroethoxy)methane	93	6.943	6.946	-0.003	97	651908	8.50	
73 2,4-Dichlorophenol	162	7.050	7.048	0.002	91	300601	10.3	
74 1,2,4-Trichlorobenzene	180	7.130	7.133	-0.003	76	344710	8.24	
75 Naphthalene	128	7.205	7.208	-0.003	98	1114005	9.89	
76 4-Chloroaniline	127	7.237	7.235	0.002	79	433375	9.48	
79 Hexachlorobutadiene	225	7.301	7.299	0.002	88	193468	8.45	
84 Caprolactam	113	7.520	7.518	0.002	78	129846	11.4	
86 4-Chloro-3-methylphenol	107	7.622	7.625	-0.003	77	431790	9.98	
87 2-Methylnaphthalene	142	7.793	7.790	0.003	85	741341	9.79	
89 Hexachlorocyclopentadiene	237	7.921	7.924	-0.003	92	214821	8.18	
92 2,4,6-Trichlorophenol	196	8.017	8.020	-0.003	88	228458	10.0	
93 2,4,5-Trichlorophenol	196	8.049	8.052	-0.003	88	236293	9.74	
98 1,1'-Biphenyl	154	8.183	8.180	0.003	96	925645	9.78	
100 2-Chloronaphthalene	162	8.209	8.212	-0.003	97	705605	8.25	
102 2-Nitroaniline	65	8.279	8.282	-0.003	71	343843	10.6	
105 Dimethyl phthalate	163	8.418	8.415	0.003	94	814316	9.83	
107 2,6-Dinitrotoluene	165	8.476	8.474	0.002	78	179474	8.24	
109 Acenaphthylene	152	8.567	8.565	0.002	89	1161183	9.65	
110 3-Nitroaniline	138	8.626	8.624	0.002	83	190615	9.84	
111 2,4-Dinitrophenol	184	8.711	8.709	0.002	63	215543	16.8	
112 Acenaphthene	153	8.711	8.709	0.002	87	718787	9.26	
113 4-Nitrophenol	109	8.733	8.736	-0.003	86	133658	8.70	
114 2,4-Dinitrotoluene	165	8.818	8.821	-0.003	74	244360	8.63	
116 Dibenzofuran	168	8.856	8.859	-0.003	85	1026609	9.71	
121 Diethyl phthalate	149	9.005	9.008	-0.003	94	814120	9.83	
123 4-Chlorophenyl phenyl ether	204	9.128	9.131	-0.003	94	402518	7.93	
125 4-Nitroaniline	138	9.144	9.142	0.002	69	184198	8.50	
126 Fluorene	166	9.149	9.147	0.002	67	834739	9.38	
128 4,6-Dinitro-2-methylphenol	198	9.166	9.163	0.003	72	151709	9.80	
131 N-Nitrosodiphenylamine	169	9.224	9.227	-0.003	94	601988	9.87	
133 Azobenzene	77	9.267	9.265	0.002	93	1559517	10.6	
139 4-Bromophenyl phenyl ether	248	9.550	9.548	0.002	67	201000	7.95	
141 Hexachlorobenzene	284	9.614	9.617	-0.003	74	208325	8.35	
142 Atrazine	200	9.652	9.655	-0.003	80	109432	6.08	
143 Pentachlorophenol	266	9.769	9.772	-0.003	76	300321	18.7	
148 Phenanthrene	178	9.967	9.970	-0.003	86	1209823	9.63	
149 Anthracene	178	10.015	10.013	0.002	84	1188714	9.80	
151 Carbazole	167	10.132	10.135	-0.003	83	1106271	9.65	
154 Di-n-butyl phthalate	149	10.389	10.387	0.002	100	1428390	10.1	
159 Fluoranthene	202	10.993	10.996	-0.003	78	1333419	9.91	
160 Benzidine	184	11.089	11.086	0.003	59	18258	0.8129	
161 Pyrene	202	11.212	11.215	-0.003	72	1339535	9.37	
168 Butyl benzyl phthalate	149	11.826	11.824	0.002	87	611110	10.2	
175 3,3'-Dichlorobenzidine	252	12.510	12.513	-0.003	72	342505	7.66	
173 Bis(2-ethylhexyl) phthalate	149	12.526	12.523	0.003	94	878806	10.2	
177 Benzo[a]anthracene	228	12.574	12.571	0.003	83	1218044	9.23	
178 Chrysene	228	12.622	12.625	-0.003	81	1182032	9.71	
180 Di-n-octyl phthalate	149	13.471	13.469	0.002	99	1408602	10.3	
182 Benzo[b]fluoranthene	252	14.139	14.137	0.002	81	1096537	10.5	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
183 Benzo[k]fluoranthene	252	14.182	14.179	0.003	90	1117638	10.8	
184 Benzo[a]pyrene	252	14.657	14.655	0.002	77	960146	10.2	
188 Indeno[1,2,3-cd]pyrene	276	16.479	16.477	0.002	79	1122407	10.8	
189 Dibenz(a,h)anthracene	278	16.506	16.509	-0.003	74	930764	10.7	
190 Benzo[g,h,i]perylene	276	16.970	16.973	-0.003	83	959162	11.2	

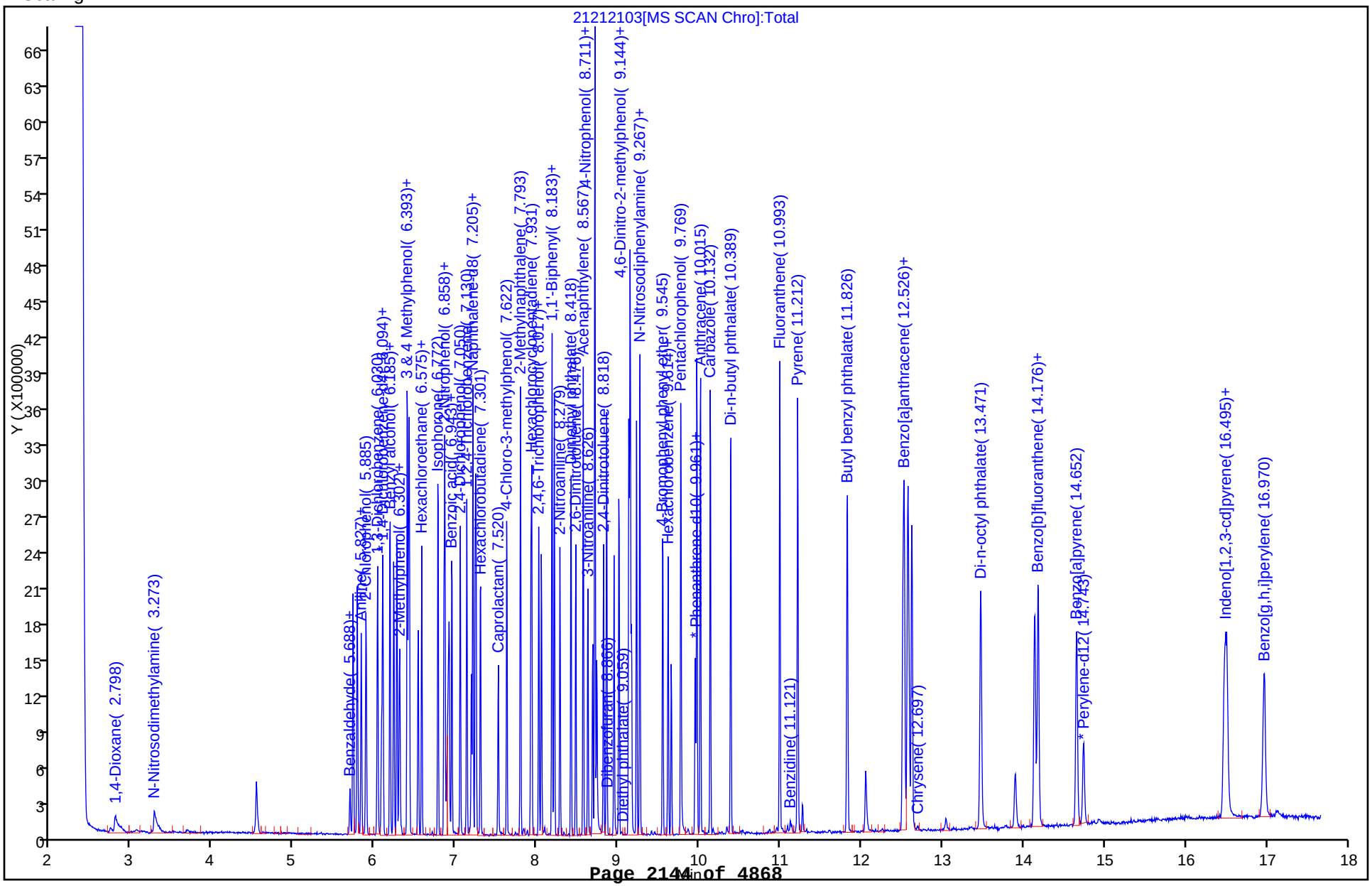
Report Date: 13-Dec-2012 09:49:56 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121212-15768.b\21212103.D

Injection Date:	12-Dec-2012 11:26:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68349	Lims Sample ID:	3
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: mdll1 Calibration Date: 12/12/2012 15:11

Instrument ID: A4HP9 Calib Start Date: 12/11/2012 12:10

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/11/2012 15:28

Lab File ID: 21212112.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Naphthalene	Ave	1.020			0.0990	0.100		
2-Methylnaphthalene	Ave	0.6859			0.117	0.100		
1,1'-Biphenyl	Ave	1.370			0.0910	0.100		
2-Chloronaphthalene	Ave	1.237			0.0911	0.100		
Acenaphthylene	Ave	1.742			0.0795	0.100		
Acenaphthene	Ave	1.124			0.0911	0.100		
Dibenzofuran	Ave	1.529			0.103	0.100		
Fluorene	Ave	1.287			0.0986	0.100		
Hexachlorobenzene	Ave	0.2171			0.102	0.100		
Phenanthrene	Ave	1.093			0.119	0.100		
Anthracene	Ave	1.055			0.104	0.100		
Fluoranthene	Ave	1.170			0.129	0.100		
Pyrene	Ave	1.200			0.122	0.100		
Benzo[a]anthracene	Ave	1.108			0.115	0.100		
Chrysene	Ave	1.022			0.112	0.100		
Benzo[b]fluoranthene	Ave	1.241			0.108	0.100		
Benzo[k]fluoranthene	Ave	1.231			0.133	0.100		
Benzo[a]pyrene	Ave	1.113			0.127	0.100		
Indeno[1,2,3-cd]pyrene	Ave	1.227			0.102	0.100		
Dibenz(a,h)anthracene	Ave	1.035			0.114	0.100		
Benzo[g,h,i]perylene	Ave	1.017			0.114	0.100		
1,2,4-Trichlorobenzene	Ave	0.3791			0.000800	0.100		
1,2-Dichlorobenzene	Ave	1.701			0.000800	0.100		
1,2-Diphenylhydrazine(as Azobenzene)	Ave	1.281			0.000800	0.100		
1,3-Dichlorobenzene	Ave	1.785			0.000800	0.100		
1,4-Dichlorobenzene	Ave	1.508			0.000800	0.100		
1,4-Dioxane	Qua				0.000800	0.100		
2,4,5-Trichlorophenol	Ave	0.3509			0.000800	0.100		
2,4,6-Trichlorophenol	Ave	0.3296			0.000800	0.100		
2,4-Dichlorophenol	Ave	0.2648			0.000800	0.100		
2,4-Dimethylphenol	Ave	0.4549			0.000800	0.100		
2,4-Dinitrophenol	Qua				0.00240	0.200		
2,4-Dinitrotoluene	Ave	0.4097			0.000800	0.100		
2,6-Dinitrotoluene	Qua				0.000800	0.100		
2-Chlorophenol	Ave	1.356			0.000800	0.100		

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: mdll1 Calibration Date: 12/12/2012 15:11

Instrument ID: A4HP9 Calib Start Date: 12/11/2012 12:10

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/11/2012 15:28

Lab File ID: 21212112.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Methylphenol	Ave	1.516			0.000800	0.100		
2-Nitroaniline	Ave	0.4702			0.000800	0.100		
2-Nitrophenol	Ave	0.1739			0.000800	0.100		
3 & 4 Methylphenol	Ave	1.624			0.000800	0.100		
3,3'-Dichlorobenzidine	Ave	0.3751			0.000800	0.100		
3-Nitroaniline	Ave	0.2802			0.000800	0.100		
4,6-Dinitro-2-methylphenol	Qua				0.00240	0.100		
4-Bromophenyl phenyl ether	Ave	0.2201			0.000800	0.100		
4-Chloro-3-methylphenol	Ave	0.3920			0.000800	0.100		
4-Chlorophenyl phenyl ether	Ave	0.7347			0.000800	0.100		
4-Nitroaniline	Qua				0.000800	0.100		
4-Nitrophenol	Ave	0.2223			0.00240	0.100		
Acetophenone	Ave	2.431			0.000800	0.100		
Aniline	Ave	2.926			0.00240	0.100		
Atrazine	Ave	0.1567			0.000800	0.100		
Benzaldehyde	Ave	2.129			0.000800	0.100		
Benzidine	Qua				0.00240	0.100		
Benzoic acid	Qua				0.0100	0.200		
Benzyl alcohol	Ave	1.046			0.000800	0.100		
Bis(2-chloroethoxy)methane	Ave	0.6949			0.000800	0.100		
Bis(2-chloroethyl)ether	Ave	2.220			0.000100	0.100		
Bis(2-ethylhexyl) phthalate	Ave	0.7246			0.000800	0.100		
Butyl benzyl phthalate	Ave	0.5018			0.000800	0.100		
Caprolactam	Ave	0.1033			0.000800	0.100		
Carbazole	Ave	0.997			0.000800	0.100		
Diethyl phthalate	Ave	1.198			0.000800	0.100		
Dimethyl phthalate	Ave	1.198			0.000800	0.100		
Di-n-butyl phthalate	Ave	1.234			0.000800	0.100		
Di-n-octyl phthalate	Qua				0.000800	0.100		
Hexachlorobutadiene	Ave	0.2075			0.000800	0.100		

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: mdll1 Calibration Date: 12/12/2012 15:11

Instrument ID: A4HP9 Calib Start Date: 12/11/2012 12:10

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/11/2012 15:28

Lab File ID: 21212112.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Hexachlorocyclopentadiene	Ave	0.3801			0.000800	0.100		
Hexachloroethane	Ave	0.7781			0.000800	0.100		
Isophorone	Ave	1.056			0.000800	0.100		
Nitrobenzene	Ave	0.7249			0.000100	0.100		
N-Nitrosodimethylamine	Qua				0.000800	0.100		
N-Nitrosodi-n-propylamine	Ave	1.615			0.000800	0.100		
N-Nitrosodiphenylamine	Ave	0.5305			0.000800	0.100		
Pentachlorophenol	Qua				0.00240	0.200		
Phenol	Ave	2.416			0.000800	0.100		
Pyridine	Ave	1.899			0.000800	0.100		
Nitrobenzene-d5 (Surr)	Ave	0.6785			0.0913	0.100	91	35-100
2-Fluorobiphenyl (Surr)	Ave	1.541			0.0914	0.100	91	45-105
Terphenyl-d14 (Surr)	Ave	0.8035			0.0932	0.100	93	30-125
2,4,6-Tribromophenol (Surr)	Ave	0.1212			0.000000	0.100	0*	35-125
2-Fluorophenol (Surr)	Ave	1.462			0.000000	0.100	0*	35-105
Phenol-d5 (Surr)	Ave	2.119			0.000000	0.100	0*	40-100

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121212-15768.b\21212112.D
Lims ID: mdll1 Client ID:
Inject. Date: 12-Dec-2012 15:11:30 Dil. Factor: 1.0000
Sample Type: LODV
Sample ID: 240-0015768-012
Misc. Info.: MDLL1 =MDLL1
Operator: 001574 Instrument ID: A4HP9
Injection Vol: 1.0 ul ALS Bottle#: 12
Lims Batch ID: 68349 Lims Sample ID: 12
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121212-15768.b\8270 _9.m
Last Update: 13-Dec-2012 11:43:28 Calib Date: 11-Dec-2012 15:28:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: 5% phenyl Column Dia: 0.18 mm
Process Host: CORP-CTX-18

First Level Reviewer: ulmanm Date: 13-Dec-2012 09:35:33

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	6.076	6.081	-0.005	87	120368	4.00	
* 2 Naphthalene-d8	136	7.187	7.187	0.0	99	491490	4.00	
* 3 Acenaphthene-d10	164	8.683	8.682	0.001	77	298571	4.00	
* 4 Phenanthrene-d10	188	9.949	9.949	0.001	93	499087	4.00	
* 5 Chrysene-d12	240	12.582	12.588	-0.006	79	485427	4.00	
* 6 Perylene-d12	264	14.741	14.740	0.001	91	377343	4.00	
$ 7 2-Fluorophenol	112		4.852					9
$ 8 Phenol-d5	99		5.718					
$ 9 Nitrobenzene-d5	82	6.557	6.556	0.001	43	7609	0.0913	
$ 10 2-Fluorobiphenyl (Surr)	172	8.090	8.095	-0.005	61	10511	0.0914	
$ 11 2,4,6-Tribromophenol	330		9.350					9
$ 12 Terphenyl-d14	244	11.327	11.327	0.0	46	9089	0.0932	
20 Dimethylformamide	1		0.000					
19 Octachlorostyrene	1		0.000					
18 Bis(4-hydroxyphenyl)methane	1		0.000					
23 2,5-Dichlorophenol	1		0.000					
13 Octachlorocyclopentene	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
22 Bis(2-hydroxyphenyl)methane	1		0.000					
31 2-Picoline	93		2.310					
32 N-Nitrosomethylethylamine	88		2.374					9
34 Methyl methanesulfonate	80		2.587					9
30 3-Picoline	93		2.651					9
233 n,n'-Dimethylacetamide	44		2.662					
35 Acrylamide	71		2.744					
25 1,4-Dioxane	88		2.806					
36 N-Nitrosodiethylamine	102		2.897					
37 Ethyl methanesulfonate	79		3.105					9
26 N-Nitrosodimethylamine	74		3.276					9
38 2-Methylcyclohexanone	68		3.292					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
39 3-Methylcyclohexanone	69		3.319					
27 Pyridine	79		3.324					
40 4-Methylcyclohexanone	55		3.356					
45 Pentachloroethane	167		3.501					
42 Phenylmercaptan	110		3.596					
232 1-Methyl-2-pyrrilidinone	99		3.880					1
28 Ethyl methacrylate	69		3.885					
56 N-Nitrosopyrrolidine	100		3.992					
59 N-Nitrosomorpholine	56		4.013					
60 2-Toluidine	106		4.040					9
52 Indene	115		4.084					
29 3-Chloropropionitrile	54		4.232					9
63 N-Nitrosopiperidine	114		4.254					
68 o,o',o''-Triethylphosphorothioat	198		4.435					
17 4-Chlorophenol	128		4.500					
24 Catechol	110		4.592					
72 alpha,alpha-Dimethyl phenethylam	58		4.601					
33 Malononitrile	66		4.612					
77 2,6-Dichlorophenol	162		4.729					
78 Hexachloropropene	213		4.756					
15 3-Methylcatechol	124		4.913					
83 N-Nitrosodi-n-butylamine	84		4.953					
85 p-Phenylene diamine	108		4.969					
14 4-Methylcatechol	124		5.036					
81 Benzothiazole	135		5.046					
82 Quinoline	129		5.099					
94 Safrole, Total	162		5.119					
91 1,2,4,5-Tetrachlorobenzene	216		5.327					
225 Isosafrole Peak 1	162		5.333					
227 Isosafrole Peak 2	162		5.498					
103 1,4-Naphthoquinone	158		5.680					
41 Benzaldehyde	77		5.691					
104 1,4-Dinitrobenzene	168		5.712					
96 3,4-Dichloronitrobenzene	109		5.725					
43 Phenol	94		5.728					
106 1,3-Dinitrobenzene	168		5.771					
101 Phenyl ether	170		5.773					
44 Aniline	93		5.782					
69 Bis(2-chloroethyl)ether	93		5.830					
46 2-Chlorophenol	128		5.888					9
47 1,3-Dichlorobenzene	146		6.027					9
115 Pentachlorobenzene	250		6.091					
48 1,4-Dichlorobenzene	146		6.091					
117 1-Naphthylamine	143		6.166					
49 Benzyl alcohol	108		6.182					
119 2,3,4,6-Tetrachlorophenol	232		6.203					
120 2-Naphthylamine	143		6.225					
50 1,2-Dichlorobenzene	146		6.230					9
51 2-Methylphenol	108		6.268					9
53 2,2'-oxybis[1-chloropropane]	45		6.300					
122 Thionazin	97		6.305					
124 N-Nitro-o-toluidine	152		6.358					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
127 Tributyl phosphate	99		6.379					
21 3 & 4 Methylphenol	108		6.396					
57 N-Nitrosodi-n-propylamine	70		6.412					
58 Acetophenone	105		6.423					
130 Diphenylamine	169		6.428					
134 Sulfotepp	202		6.518					
61 Hexachloroethane	117		6.530					9
62 Nitrobenzene	77		6.572					
135 1,3,5-Trinitrobenzene	213		6.614					
228 Diallate Peak 1	86		6.630					9
138 Phorate	121		6.636					
137 Phenacetin	108		6.641					
230 Diallate Peak 2	86		6.695					9
140 Dimethoate	87		6.764					
64 Isophorone	82		6.775					
66 2-Nitrophenol	139		6.850					9
67 1,3,5-Trichlorobenzene	180		6.861					
65 2,4-Dimethylphenol	107		6.861					
129 4-Aminobiphenyl	169		6.892					
71 Benzoic acid	122		6.914					
144 Pronamide	173		6.919					
145 Pentachloronitrobenzene	237		6.919					
70 Bis(2-chloroethoxy)methane	93		6.946					
146 Disulfoton	88		7.010					
147 Dinoseb	211		7.020					
73 2,4-Dichlorophenol	162		7.048					9
74 1,2,4-Trichlorobenzene	180		7.133					9
75 Naphthalene	128	7.203	7.208	-0.005	54	12402	0.0990	
76 4-Chloroaniline	127		7.235					9
152 Methyl parathion	109		7.282					9
79 Hexachlorobutadiene	225		7.299					9
80 1,2,3-Trichlorobenzene	180		7.326					9
84 Caprolactam	113		7.518					9
155 Ethyl Parathion	97		7.560					
156 4-Nitroquinoline-1-oxide	190		7.613					
153 Diphenylsulfone	125		7.616					
86 4-Chloro-3-methylphenol	107		7.625					9
157 Methapyrilene	58		7.645					
87 2-Methylnaphthalene	142	7.791	7.790	0.001	59	9899	0.1175	
158 Isodrin	66		7.816					
88 1-Methylnaphthalene	142	7.876	7.881	-0.005	37	9863	0.1275	
90 1,2,3,5-Tetrachlorobenzene	216		7.918					9
89 Hexachlorocyclopentadiene	237		7.924					
92 2,4,6-Trichlorophenol	196		8.020					9
93 2,4,5-Trichlorophenol	196		8.052					9
226 Aramite Peak 1	185		8.131					
97 2,4-Toluene diamine	121		8.164					9
99 1,2,3,4 -Tetrachlorobenzene	216		8.175					9
98 1,1'-Biphenyl	154	8.181	8.180	0.001	45	9300	0.0910	
229 Aramite Peak 2	185		8.185					
100 2-Chloronaphthalene	162	8.213	8.212	0.001	60	8415	0.0911	
163 p-Dimethylamino azobenzene	225		8.276					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
102 2-Nitroaniline	65		8.282					9
164 Chlorobenzilate	139		8.297					
105 Dimethyl phthalate	163		8.415					
167 Famphur	218		8.473					
107 2,6-Dinitrotoluene	165		8.474					9
169 3,3'-Dimethylbenzidine	212		8.516					
108 1,2-Dinitrobenzene	168		8.527					9
109 Acenaphthylene	152	8.565	8.565	0.0	61	10341	0.0795	
110 3-Nitroaniline	138		8.624					9
111 2,4-Dinitrophenol	184		8.709					
112 Acenaphthene	153	8.709	8.709	0.0	72	7642	0.0911	
171 2-Acetylaminofluorene	181		8.713					
113 4-Nitrophenol	109		8.736					9
114 2,4-Dinitrotoluene	165		8.821					9
116 Dibenzofuran	168	8.854	8.859	-0.005	65	11720	0.1027	
118 2,3,5,6-Tetrachlorophenol	232		8.912					9
121 Diethyl phthalate	149		9.008					
123 4-Chlorophenyl phenyl ether	204		9.131					9
125 4-Nitroaniline	138		9.142					9
126 Fluorene	166	9.147	9.147	0.0	50	9471	0.0986	
128 4,6-Dinitro-2-methylphenol	198		9.163					
176 Hexabromobenzene	232		9.208					
131 N-Nitrosodiphenylamine	169		9.227					
133 Azobenzene	77		9.265					
132 1,2-Diphenylhydrazine	77		9.265					
139 4-Bromophenyl phenyl ether	248		9.548					9
179 6-Methylchrysene	242		9.576					
141 Hexachlorobenzene	284	9.612	9.617	-0.005	14	2757	0.1018	
142 Atrazine	200		9.655					9
143 Pentachlorophenol	266		9.772					9
181 7,12-Dimethylbenz(a)anthracene	256		9.856					
148 Phenanthrene	178	9.970	9.970	0.0	67	16261	0.1192	
149 Anthracene	178	10.013	10.013	0.0	60	13731	0.1043	
150 DFTPP								
151 Carbazole	167		10.135					9
154 Di-n-butyl phthalate	149		10.387					
185 3-Methylcholanthrene	268		10.594					
159 Fluoranthene	202	10.991	10.996	-0.006	68	18785	0.1287	
160 Benzidine	184		11.086					9
161 Pyrene	202	11.210	11.215	-0.005	84	17795	0.1222	
166 4,4'-DDE	246		11.266					
165 4,4'-DDD	235		11.656					
187 Dibenz[a,h]acridine	279		11.729					
186 Dibenz[a,j]acridine	279		11.804					
168 Butyl benzyl phthalate	149		11.824					9
170 4,4'-DDT	235		11.961					
172 3,3'-Dimethoxybenzidine	244		12.465					9
174 4,4'-Methylene bis(2-chloroanili	231		12.513					9
175 3,3'-Dichlorobenzidine	252		12.513					9
173 Bis(2-ethylhexyl) phthalate	149		12.523					9
177 Benzo[a]anthracene	228	12.572	12.571	0.001	40	15462	0.1150	
178 Chrysene	228	12.620	12.625	-0.005	46	13913	0.1122	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
180 Di-n-octyl phthalate	149		13.469					
182 Benzo[b]fluoranthene	252	14.137	14.137	0.0	61	12661	0.1081	M
183 Benzo[k]fluoranthene	252	14.185	14.179	0.006	1	15451	0.1331	
184 Benzo[a]pyrene	252	14.650	14.655	-0.005	0	13384	0.1274	M
188 Indeno[1,2,3-cd]pyrene	276	16.477	16.477	0.0	70	11849	0.1024	M
189 Dibenz(a,h)anthracene	278	16.514	16.509	0.005	0	11152	0.1142	M
190 Benzo[g,h,i]perylene	276	16.963	16.973	-0.010	0	10919	0.1139	M
S 191 Methyl Phenols,Total	100		0.000					7
S 95 Isosafrole	162		5.568					7
S 136 Diallate	86		6.701					7
S 162 Aramite, Total	185		8.271					7
T 192 Octadecane (TIC)	57		0.000					1
T 195 Hydroquinone TIC	110		0.000					1
T 194 Decane TIC	57		0.000					1
T 240 Trimethyl phosphate TIC	110		3.120					1
T 234 2-Isopropylphenol TIC	121		4.623					1
T 236 3-isopropylphenol TIC	121		4.756					1
T 235 4-isopropylphenol TIC	121		4.756					1
T 193 Hexamethylphosphoramide TIC	135		5.100					
T 237 3-(1,1-Dimethylethyl Phenol) TIC	135		5.110					1
T 196 Kepone TIC	272		8.281					1
T 242 Triphenyl Phosphate TIC	326		8.700					1
T 238 2,3,7,8-TCDD TIC	1		9.000					1
T 231 2,3,7,8-TCDD	322		9.150					1
T 197 Hexachlorophene TIC	198		9.269					1
T 241 Tricresyl phosphate TIC	368		9.372					1
T 239 Tris(2,3-dibromopropyl)phosphate	201		10.600					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

Review Flags
M - Manually Integrated

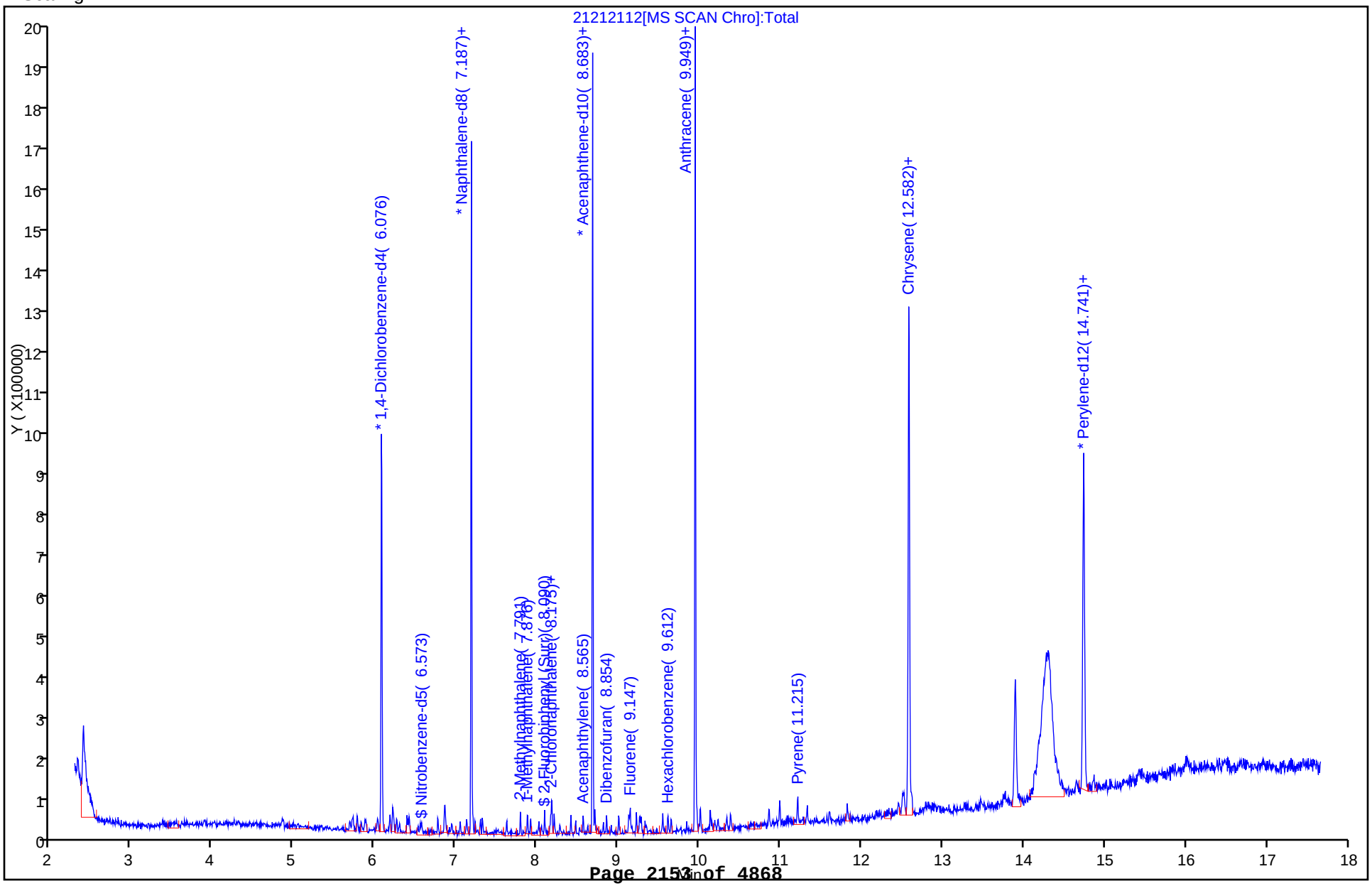
Report Date: 13-Dec-2012 11:43:41 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121212-15768.b\21212112.D

Injection Date:	12-Dec-2012 15:11:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68349	Lims Sample ID:	12
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



Manual Integration/User Assign Peak Report

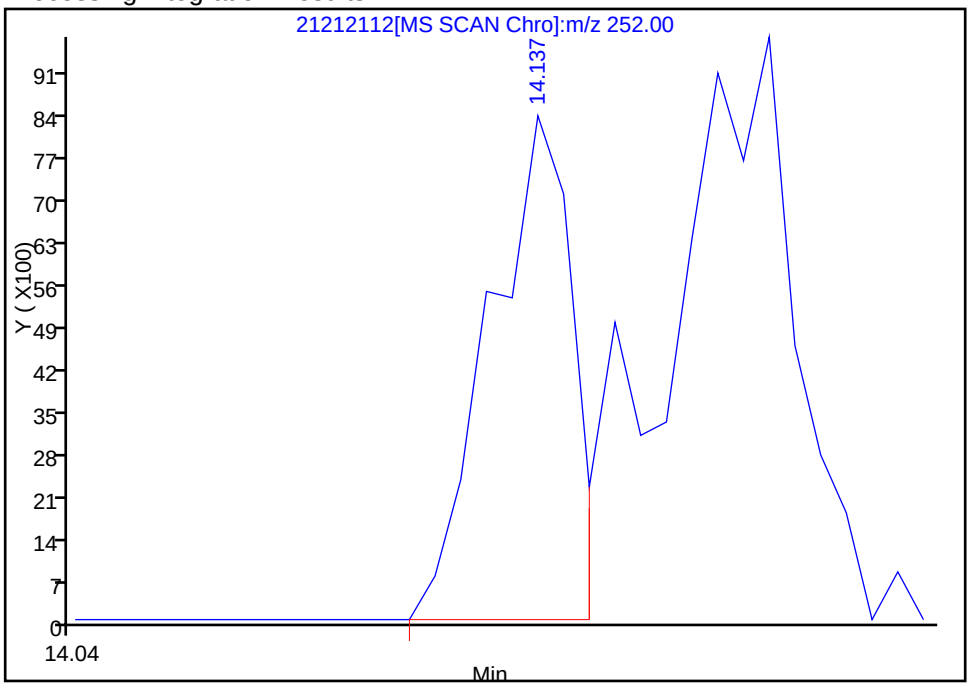
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121212-15768.b\21212112.D		
Injection Date:	12-Dec-2012 15:11:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68349	Lims Sample ID:	12
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

182 Benzo[b]fluoranthene, Signal: 1, m/z: 252.0 Type: quant, RT: 14.14

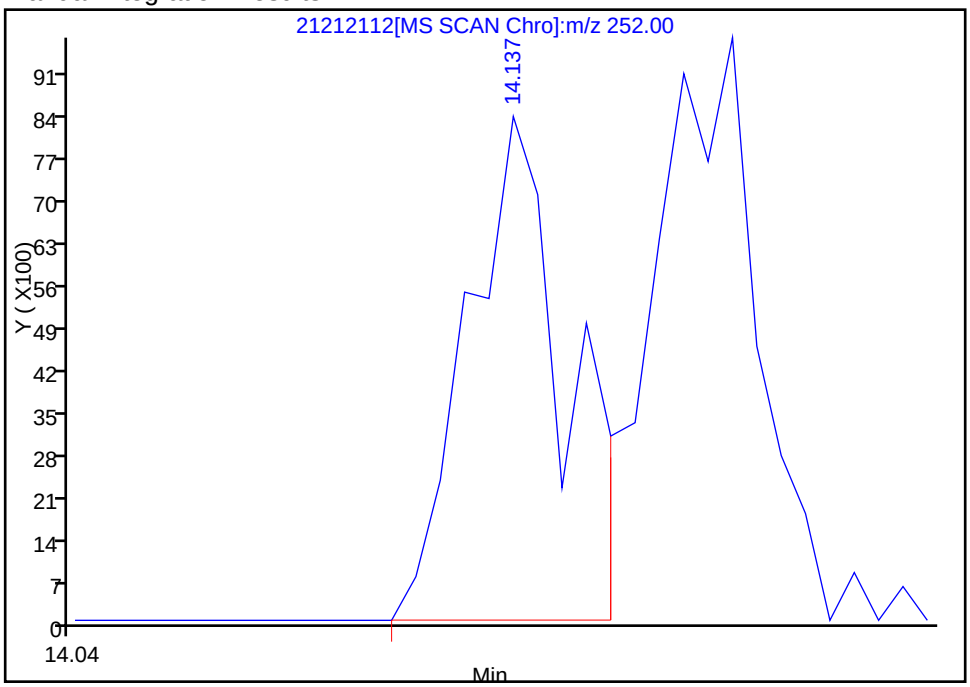
Processing Integration Results

RT: 14.14
Response: 10107
Amount: 0.086307



Manual Integration Results

RT: 14.14
Response: 12661
Amount: 0.108117



Reviewer: ulmanm, 13-Dec-2012 09:35:33
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

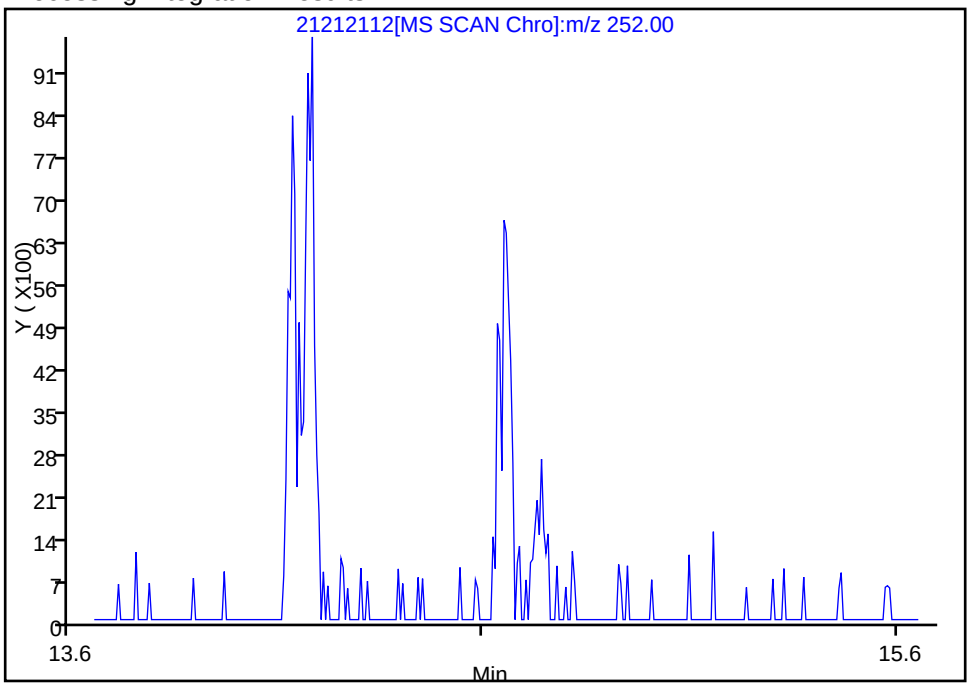
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121212-15768.b\21212112.D		
Injection Date:	12-Dec-2012 15:11:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68349	Lims Sample ID:	12
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

184 Benzo[a]pyrene, Signal: 1, m/z: 252.0 Type: quant, RT: 14.65

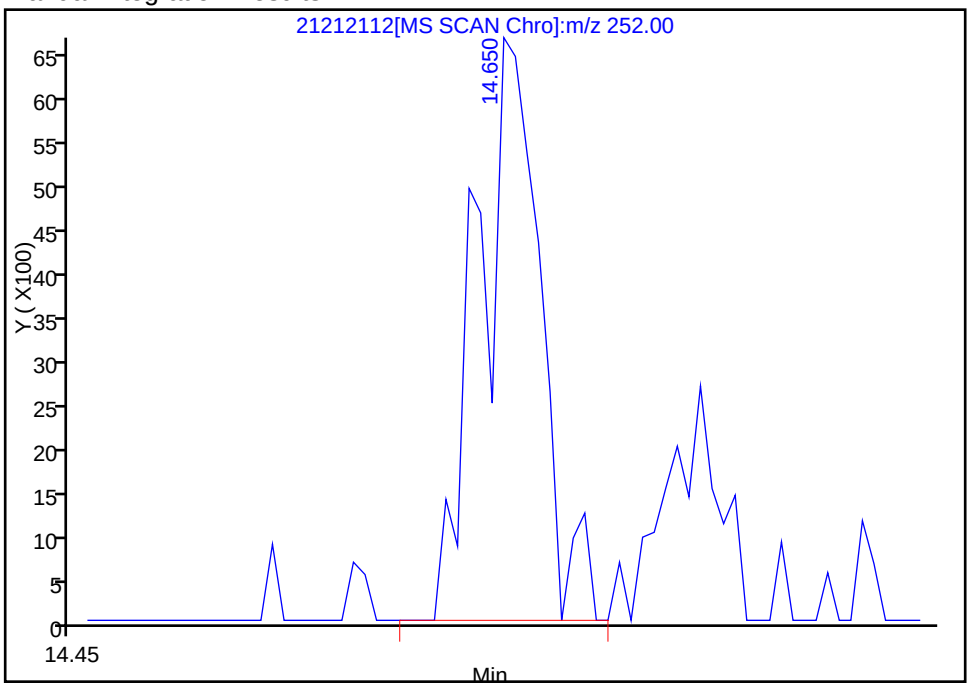
Processing Integration Results

Not Detected
Expected RT: 14.65



Manual Integration Results

RT: 14.65
Response: 13384
Amount: 0.127418



Reviewer: ulmanm, 13-Dec-2012 09:35:33
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

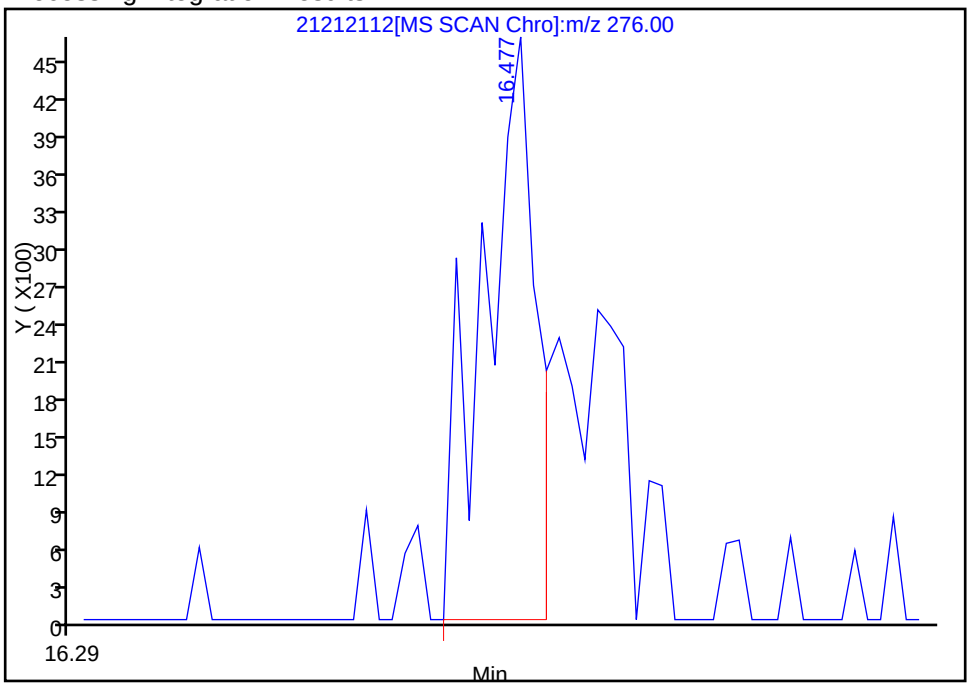
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121212-15768.b\21212112.D		
Injection Date:	12-Dec-2012 15:11:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68349	Lims Sample ID:	12
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

188 Indeno[1,2,3-cd]pyrene, Signal: 1, m/z: 276.0 Type: quant, RT: 16.48

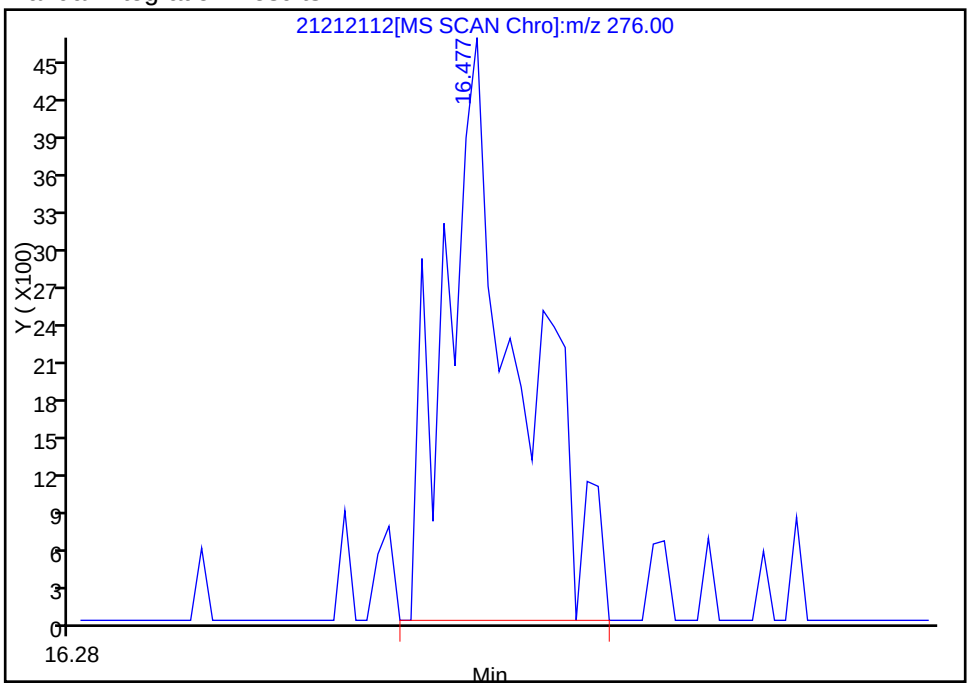
Processing Integration Results

RT: 16.48
Response: 7133
Amount: 0.061644



Manual Integration Results

RT: 16.48
Response: 11849
Amount: 0.102401



Reviewer: ulmanm, 13-Dec-2012 09:35:33
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

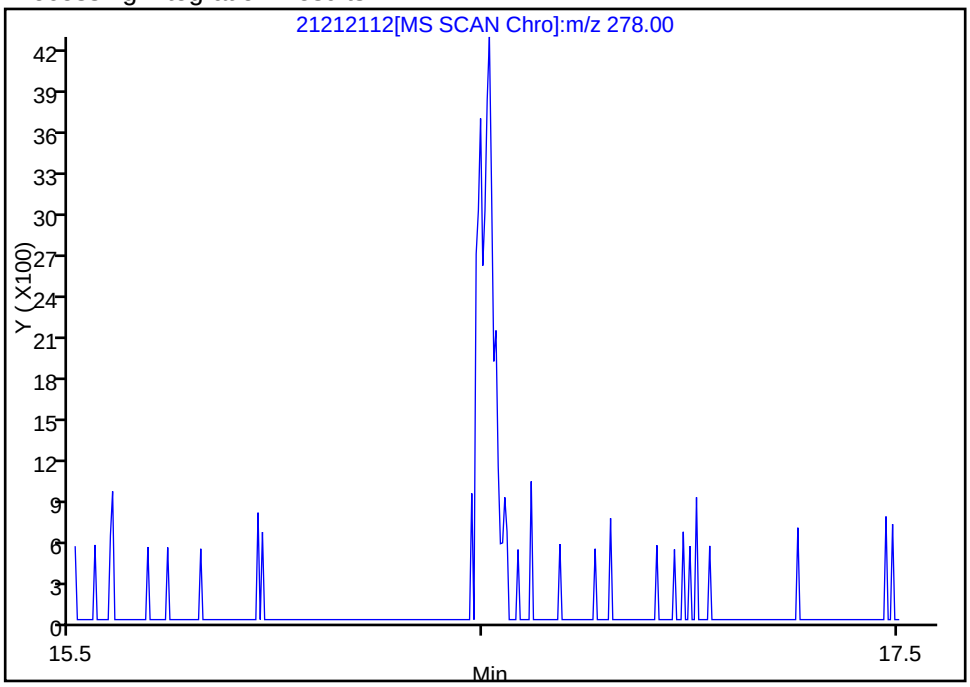
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121212-15768.b\21212112.D		
Injection Date:	12-Dec-2012 15:11:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68349	Lims Sample ID:	12
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

189 Dibenz(a,h)anthracene, Signal: 1, m/z: 278.0 Type: quant, RT: 16.51

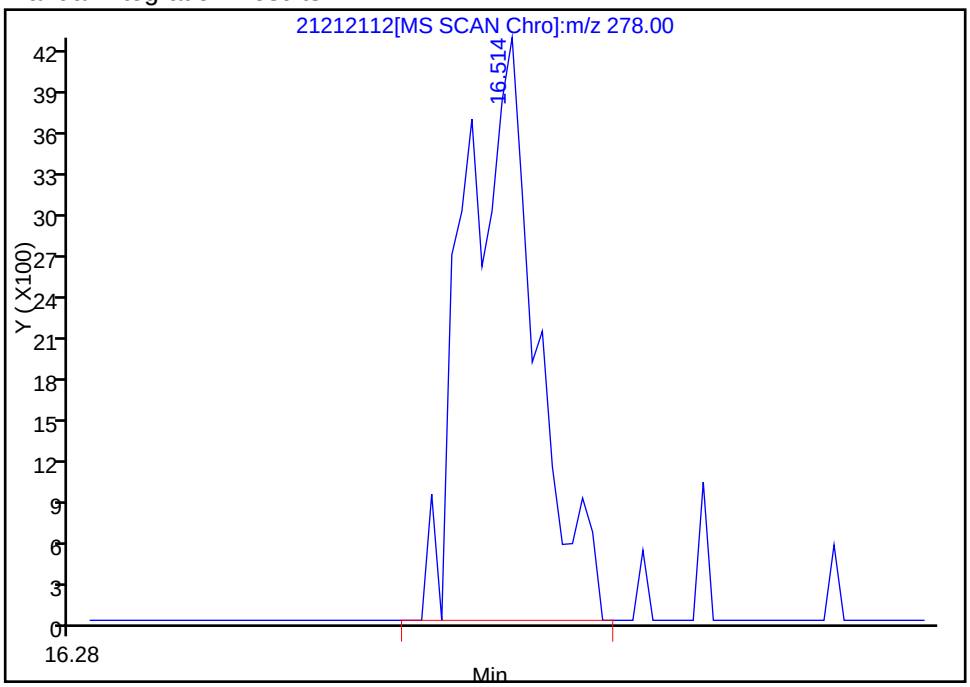
Processing Integration Results

Not Detected
Expected RT: 16.51



Manual Integration Results

RT: 16.51
Response: 11152
Amount: 0.114221



Reviewer: ulmanm, 13-Dec-2012 09:35:33
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

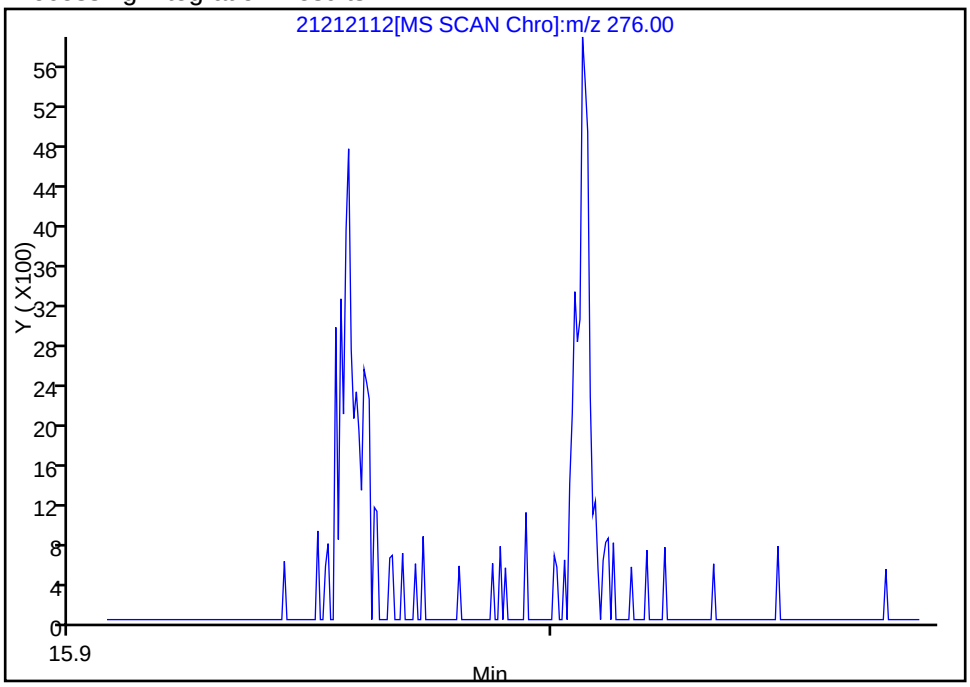
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121212-15768.b\21212112.D		
Injection Date:	12-Dec-2012 15:11:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68349	Lims Sample ID:	12
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

190 Benzo[g,h,i]perylene, Signal: 1, m/z: 276.0 Type: quant, RT: 16.97

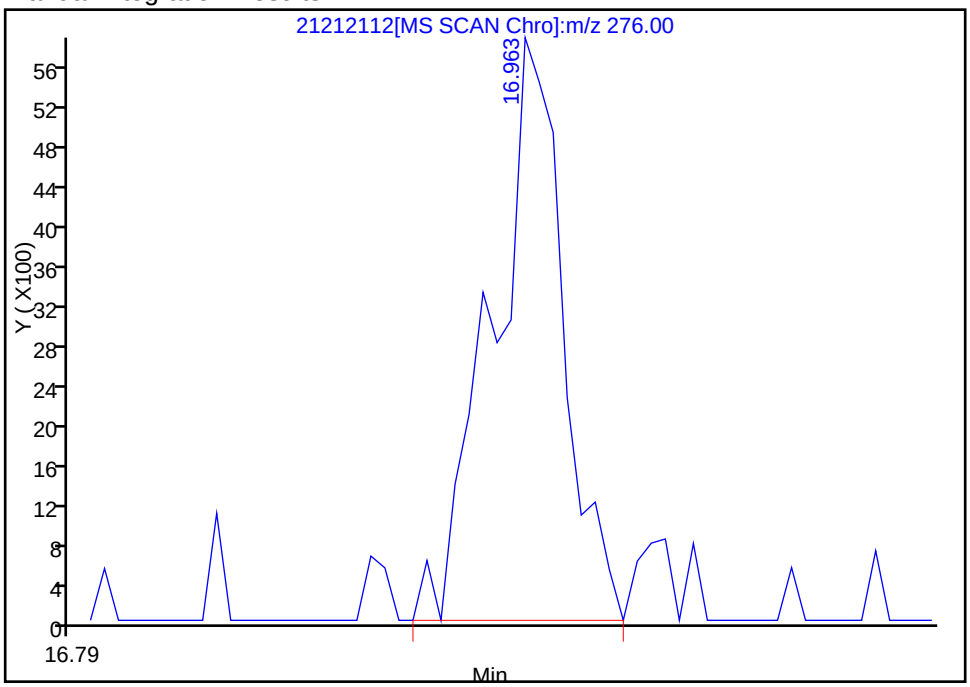
Processing Integration Results

Not Detected
Expected RT: 16.97



Manual Integration Results

RT: 16.96
Response: 10919
Amount: 0.113866



Reviewer: ulmanm, 13-Dec-2012 09:35:33
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: mdll2 Calibration Date: 12/12/2012 15:36

Instrument ID: A4HP9 Calib Start Date: 12/11/2012 12:10

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/11/2012 15:28

Lab File ID: 21212113.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Qua				0.287	0.500		
N-Nitrosodimethylamine	Qua				0.890	0.500		
Pyridine	Ave	1.899			0.488	0.500		
Benzaldehyde	Ave	2.129			0.458	0.500		
Phenol	Ave	2.416			0.467	0.500		
Aniline	Ave	2.926			0.475	0.500		
Bis(2-chloroethyl)ether	Ave	2.220			0.409	0.500		
2-Chlorophenol	Ave	1.356			0.425	0.500		
1,3-Dichlorobenzene	Ave	1.785			0.381	0.500		
1,4-Dichlorobenzene	Ave	1.508			0.470	0.500		
Benzyl alcohol	Ave	1.046			0.473	0.500		
1,2-Dichlorobenzene	Ave	1.701			0.374	0.500		
2-Methylphenol	Ave	1.516			0.495	0.500		
3 & 4 Methylphenol	Ave	1.624			0.440	0.500		
N-Nitrosodi-n-propylamine	Ave	1.615			0.437	0.500		
Acetophenone	Ave	2.431			0.459	0.500		
Hexachloroethane	Ave	0.7781			0.256	0.500		
Nitrobenzene	Ave	0.7249			0.458	0.500		
Isophorone	Ave	1.056			0.440	0.500		
2-Nitrophenol	Ave	0.1739			0.452	0.500		
2,4-Dimethylphenol	Ave	0.4549			0.524	0.500		
Bis(2-chloroethoxy)methane	Ave	0.6949			0.382	0.500		
2,4-Dichlorophenol	Ave	0.2648			0.490	0.500		
1,2,4-Trichlorobenzene	Ave	0.3791			0.452	0.500		
Hexachlorobutadiene	Ave	0.2075			0.425	0.500		
Caprolactam	Ave	0.1033			0.477	0.500		
4-Chloro-3-methylphenol	Ave	0.3920			0.459	0.500		
2,4,6-Trichlorophenol	Ave	0.3296			0.482	0.500		
2,4,5-Trichlorophenol	Ave	0.3509			0.417	0.500		
2-Nitroaniline	Ave	0.4702			0.462	0.500		
Dimethyl phthalate	Ave	1.198			0.541	0.500		
2,6-Dinitrotoluene	Qua				0.630	0.500		
3-Nitroaniline	Ave	0.2802			0.403	0.500		
2,4-Dinitrophenol	Qua				1.38	1.00		
4-Nitrophenol	Ave	0.2223			0.388	0.500		
2,4-Dinitrotoluene	Ave	0.4097			0.319	0.500		
Dibenzofuran	Ave	1.529			0.534	0.500		
Diethyl phthalate	Ave	1.198			0.509	0.500		
4-Chlorophenyl phenyl ether	Ave	0.7347			0.409	0.500		
4-Nitroaniline	Qua				0.576	0.500		
4,6-Dinitro-2-methylphenol	Qua				0.901	0.500		

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: mdll2 Calibration Date: 12/12/2012 15:36

Instrument ID: A4HP9 Calib Start Date: 12/11/2012 12:10

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/11/2012 15:28

Lab File ID: 21212113.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
N-Nitrosodiphenylamine	Ave	0.5305			0.515	0.500		
1,2-Diphenylhydrazine(as Azobenzene)	Ave	1.281			0.488	0.500		
4-Bromophenyl phenyl ether	Ave	0.2201			0.393	0.500		
Atrazine	Ave	0.1567			0.462	0.500		
Pentachlorophenol	Qua				0.757	1.00		
Carbazole	Ave	0.997			0.449	0.500		
Di-n-butyl phthalate	Ave	1.234			0.406	0.500		
Fluoranthene	Ave	1.170			0.484	0.500		
Pyrene	Ave	1.200			0.504	0.500		
Butyl benzyl phthalate	Ave	0.5018			0.482	0.500		
3,3'-Dichlorobenzidine	Ave	0.3751			0.440	0.500		
Bis(2-ethylhexyl) phthalate	Ave	0.7246			0.418	0.500		
Di-n-octyl phthalate	Qua				0.507	0.500		
1,1'-Biphenyl	Ave	1.370			0.000800	0.500		
2-Chloronaphthalene	Ave	1.237			0.000100	0.500		
2-Methylnaphthalene	Ave	0.6859			0.000100	0.500		
Acenaphthene	Ave	1.124			0.000100	0.500		
Acenaphthylene	Ave	1.742			0.000100	0.500		
Anthracene	Ave	1.055			0.000100	0.500		
Benzidine	Qua				0.00240	0.500		
Benzo[a]anthracene	Ave	1.108			0.000100	0.500		
Benzo[a]pyrene	Ave	1.113			0.000100	0.500		
Benzo[b]fluoranthene	Ave	1.241			0.000100	0.500		
Benzo[g,h,i]perylene	Ave	1.017			0.000100	0.500		
Benzo[k]fluoranthene	Ave	1.231			0.000100	0.500		
Benzoic acid	Qua				0.0100	1.00		
Chrysene	Ave	1.022			0.000100	0.500		
Dibenz(a,h)anthracene	Ave	1.035			0.000100	0.500		
Fluorene	Ave	1.287			0.000100	0.500		
Hexachlorobenzene	Ave	0.2171			0.000100	0.500		
Hexachlorocyclopentadiene	Ave	0.3801			0.000800	0.500		
Indeno[1,2,3-cd]pyrene	Ave	1.227			0.000100	0.500		
Naphthalene	Ave	1.020			0.000100	0.500		

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: mdll2 Calibration Date: 12/12/2012 15:36

Instrument ID: A4HP9 Calib Start Date: 12/11/2012 12:10

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/11/2012 15:28

Lab File ID: 21212113.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Phenanthrene	Ave	1.093			0.000100	0.500		
2-Fluorophenol (Surr)	Ave	1.462			0.419	0.500	84	35-105
Phenol-d5 (Surr)	Ave	2.119			0.450	0.500	90	40-100
2,4,6-Tribromophenol (Surr)	Ave	0.1212			0.424	0.500	85	35-125
2-Fluorobiphenyl (Surr)	Ave	1.541			0.000000	0.500	0*	45-105
Nitrobenzene-d5 (Surr)	Ave	0.6785			0.000000	0.500	0*	35-100
Terphenyl-d14 (Surr)	Ave	0.8035			0.000000	0.500	0*	30-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121212-15768.b\21212113.D
Lims ID: mdll2 Client ID:
Inject. Date: 12-Dec-2012 15:36:30 Dil. Factor: 1.0000
Sample Type: LODV
Sample ID: 240-0015768-013
Misc. Info.: MDLL2 =MDLL2
Operator: 001574 Instrument ID: A4HP9
Injection Vol: 1.0 ul ALS Bottle#: 13
Lims Batch ID: 68349 Lims Sample ID: 13
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121212-15768.b\8270 _9.m
Last Update: 13-Dec-2012 11:43:28 Calib Date: 11-Dec-2012 15:28:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: 5% phenyl Column Dia: 0.18 mm
Process Host: CORP-CTX-18

First Level Reviewer: ulmanm Date: 13-Dec-2012 09:40:58

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	6.081	6.081	0.0	92	134838	4.00	
* 2 Naphthalene-d8	136	7.186	7.187	-0.001	98	511008	4.00	
* 3 Acenaphthene-d10	164	8.682	8.682	0.0	68	300716	4.00	
* 4 Phenanthrene-d10	188	9.948	9.949	0.0	79	523638	4.00	
* 5 Chrysene-d12	240	12.582	12.588	-0.006	77	503974	4.00	
* 6 Perylene-d12	264	14.735	14.740	-0.005	91	393102	4.00	
$ 7 2-Fluorophenol	112	4.857	4.852	0.005	61	20637	0.4188	
$ 8 Phenol-d5	99	5.712	5.718	-0.006	0	32151	0.4501	
$ 9 Nitrobenzene-d5	82		6.556					
$ 10 2-Fluorobiphenyl (Surr)	172		8.095					
$ 11 2,4,6-Tribromophenol	330	9.350	9.350	0.0	30	3861	0.4237	
$ 12 Terphenyl-d14	244		11.327					
20 Dimethylformamide	1		0.000					
19 Octachlorostyrene	1		0.000					
18 Bis(4-hydroxyphenyl)methane	1		0.000					
23 2,5-Dichlorophenol	1		0.000					
13 Octachlorocyclopentene	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
22 Bis(2-hydroxyphenyl)methane	1		0.000					
31 2-Picoline	93		2.310					
32 N-Nitrosomethylethylamine	88		2.374					
34 Methyl methanesulfonate	80		2.587					
30 3-Picoline	93		2.651					9
233 n,n'-Dimethylacetamide	44		2.662					
35 Acrylamide	71		2.744					
25 1,4-Dioxane	88	2.801	2.806	-0.006	0	16591	0.2868	M
36 N-Nitrosodiethylamine	102		2.897					
37 Ethyl methanesulfonate	79		3.105					9
26 N-Nitrosodimethylamine	74	3.313	3.276	0.037	61	14218	0.8896	M
38 2-Methylcyclohexanone	68	3.207	3.292	-0.086	1	199	0	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
39 3-Methylcyclohexanone	69		3.319					
27 Pyridine	79	3.340	3.324	0.016	67	31222	0.4876	M
40 4-Methylcyclohexanone	55		3.356					
45 Pentachloroethane	167		3.501					
42 Phenylmercaptan	110		3.596					
232 1-Methyl-2-pyrrilidinone	99		3.880					1
28 Ethyl methacrylate	69	3.885	3.885	0.0	66	33270	0.5629	M
56 N-Nitrosopyrrolidine	100		3.992					
59 N-Nitrosomorpholine	56		4.013					
60 2-Toluidine	106		4.040					
52 Indene	115		4.084					
29 3-Chloropropionitrile	54	4.238	4.232	0.006	0	12069	0.4597	M
63 N-Nitrosopiperidine	114		4.254					
68 o,o',o''-Triethylphosphorothioat	198		4.435					
17 4-Chlorophenol	128		4.500					
24 Catechol	110		4.592					
72 alpha,alpha-Dimethyl phenethylam	58		4.601					
33 Malononitrile	66		4.612					9
77 2,6-Dichlorophenol	162		4.729					
78 Hexachloropropene	213		4.756					
15 3-Methylcatechol	124		4.913					
83 N-Nitrosodi-n-butylamine	84		4.953					
85 p-Phenylene diamine	108		4.969					
14 4-Methylcatechol	124		5.036					
81 Benzothiazole	135		5.046					
82 Quinoline	129		5.099					
94 Safrole, Total	162		5.119					
91 1,2,4,5-Tetrachlorobenzene	216		5.327					
225 Isosafrole Peak 1	162		5.333					
227 Isosafrole Peak 2	162		5.498					
103 1,4-Naphthoquinone	158		5.680					
41 Benzaldehyde	77	5.691	5.691	0.0	78	32893	0.4583	
104 1,4-Dinitrobenzene	168		5.712					
96 3,4-Dichloronitrobenzene	109		5.725					
43 Phenol	94	5.723	5.728	-0.005	89	38033	0.4669	
106 1,3-Dinitrobenzene	168		5.771					
101 Phenyl ether	170		5.773					
44 Aniline	93	5.776	5.782	-0.006	89	46830	0.4748	
69 Bis(2-chloroethyl)ether	93	5.830	5.830	0.0	83	30569	0.4085	
46 2-Chlorophenol	128	5.883	5.888	-0.005	77	19439	0.4253	
47 1,3-Dichlorobenzene	146	6.027	6.027	0.0	76	22950	0.3815	
115 Pentachlorobenzene	250		6.091					
48 1,4-Dichlorobenzene	146	6.091	6.091	0.0	52	23919	0.4704	
117 1-Naphthylamine	143		6.166					
49 Benzyl alcohol	108	6.182	6.182	0.0	80	16690	0.4735	
119 2,3,4,6-Tetrachlorophenol	232		6.203					
120 2-Naphthylamine	143		6.225					
50 1,2-Dichlorobenzene	146	6.230	6.230	0.0	74	21477	0.3745	
51 2-Methylphenol	108	6.268	6.268	0.0	83	25270	0.4946	
53 2,2'-oxybis[1-chloropropane]	45	6.300	6.300	0.0	95	31460	0.4266	
122 Thionazin	97		6.305					
124 N-Nitro-o-toluidine	152		6.358					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
127 Tributyl phosphate	99		6.379					
21 3 & 4 Methylphenol	108	6.396	6.396	0.0	86	24087	0.4400	
57 N-Nitrosodi-n-propylamine	70	6.406	6.412	-0.006	66	23794	0.4371	
58 Acetophenone	105	6.417	6.423	-0.006	72	37616	0.4591	
130 Diphenylamine	169		6.428					
134 Sulfotepp	202		6.518					
61 Hexachloroethane	117	6.529	6.530	-0.001	71	6707	0.2557	
62 Nitrobenzene	77	6.572	6.572	0.0	71	42397	0.4578	
135 1,3,5-Trinitrobenzene	213		6.614					
228 Diallate Peak 1	86		6.630					
138 Phorate	121		6.636					
137 Phenacetin	108		6.641					
230 Diallate Peak 2	86		6.695					
140 Dimethoate	87		6.764					9
64 Isophorone	82	6.775	6.775	0.0	91	59330	0.4399	
66 2-Nitrophenol	139	6.850	6.850	0.0	63	10028	0.4515	
67 1,3,5-Trichlorobenzene	180	6.861	6.861	0.0	71	20967	0.4243	
65 2,4-Dimethylphenol	107	6.861	6.861	0.0	89	30461	0.5242	
129 4-Aminobiphenyl	169		6.892					
71 Benzoic acid	122		6.914					9
144 Pronamide	173		6.919					
145 Pentachloronitrobenzene	237		6.919					
70 Bis(2-chloroethoxy)methane	93	6.946	6.946	0.0	90	33947	0.3824	
146 Disulfoton	88		7.010					
147 Dinoseb	211		7.020					
73 2,4-Dichlorophenol	162	7.048	7.048	0.0	83	16576	0.4900	
74 1,2,4-Trichlorobenzene	180	7.128	7.133	-0.005	74	21907	0.4523	
75 Naphthalene	128		7.208					
76 4-Chloroaniline	127	7.234	7.235	-0.001	69	22324	0.4218	
152 Methyl parathion	109		7.282					9
79 Hexachlorobutadiene	225	7.299	7.299	0.0	70	11271	0.4252	
80 1,2,3-Trichlorobenzene	180		7.326					
84 Caprolactam	113	7.507	7.518	-0.011	61	6302	0.4773	
155 Ethyl Parathion	97		7.560					
156 4-Nitroquinoline-1-oxide	190		7.613					
153 Diphenylsulfone	125		7.616					
86 4-Chloro-3-methylphenol	107	7.619	7.625	-0.006	79	22971	0.4587	
157 Methapyrilene	58		7.645					
87 2-Methylnaphthalene	142		7.790					
158 Isodrin	66		7.816					
88 1-Methylnaphthalene	142		7.881					
90 1,2,3,5-Tetrachlorobenzene	216	7.918	7.918	0.0	79	21560	0.4749	
89 Hexachlorocyclopentadiene	237		7.924					9
92 2,4,6-Trichlorophenol	196	8.020	8.020	0.0	71	11941	0.4819	
93 2,4,5-Trichlorophenol	196	8.052	8.052	0.0	74	10995	0.4168	
226 Aramite Peak 1	185		8.131					
97 2,4-Toluene diamine	121	8.159	8.164	-0.005	83	14248	0.3856	
99 1,2,3,4 -Tetrachlorobenzene	216		8.175					
98 1,1'-Biphenyl	154		8.180					
229 Aramite Peak 2	185		8.185					
100 2-Chloronaphthalene	162		8.212					
163 p-Dimethylamino azobenzene	225		8.276					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
102 2-Nitroaniline	65	8.276	8.282	-0.006	44	16320	0.4617	
164 Chlorobenzilate	139		8.297					9
105 Dimethyl phthalate	163	8.415	8.415	0.0	89	48731	0.5410	
167 Famphur	218		8.473					
107 2,6-Dinitrotoluene	165	8.474	8.474	0.0	64	7725	0.6300	
169 3,3'-Dimethylbenzidine	212		8.516					
108 1,2-Dinitrobenzene	168	8.522	8.527	-0.005	64	4028	0.6053	
109 Acenaphthylene	152		8.565					
110 3-Nitroaniline	138	8.623	8.624	-0.001	77	8482	0.4026	
111 2,4-Dinitrophenol	184	8.709	8.709	0.0	32	3595	1.38	
112 Acenaphthene	153		8.709					
171 2-Acetylaminofluorene	181		8.713					
113 4-Nitrophenol	109	8.736	8.736	0.0	60	6483	0.3879	
114 2,4-Dinitrotoluene	165	8.816	8.821	-0.005	62	9811	0.3185	
116 Dibenzofuran	168	8.853	8.859	-0.006	69	61446	0.5345	
118 2,3,5,6-Tetrachlorophenol	232	8.912	8.912	0.0	58	7334	0.3388	
121 Diethyl phthalate	149	9.003	9.008	-0.005	86	45854	0.5090	
123 4-Chlorophenyl phenyl ether	204	9.131	9.131	0.0	74	22594	0.4091	
125 4-Nitroaniline	138	9.142	9.142	0.0	49	9395	0.5762	
126 Fluorene	166		9.147					
128 4,6-Dinitro-2-methylphenol	198	9.163	9.163	0.0	5	3813	0.9010	
176 Hexabromobenzene	232		9.208					
131 N-Nitrosodiphenylamine	169	9.222	9.227	-0.005	88	35747	0.5147	
133 Azobenzene	77	9.264	9.265	-0.001	91	81819	0.4879	
132 1,2-Diphenylhydrazine	77	9.264	9.265	-0.001	99	81819	0.4879	
139 4-Bromophenyl phenyl ether	248	9.548	9.548	0.0	61	11323	0.3930	
179 6-Methylchrysene	242		9.576					
141 Hexachlorobenzene	284		9.617					
142 Atrazine	200	9.654	9.655	-0.001	51	9481	0.4622	
143 Pentachlorophenol	266	9.772	9.772	0.0	33	6176	0.7566	
181 7,12-Dimethylbenz(a)anthracene	256		9.856					
148 Phenanthrene	178		9.970					
149 Anthracene	178		10.013					
150 DFTPP								
151 Carbazole	167	10.135	10.135	0.0	60	58557	0.4486	
154 Di-n-butyl phthalate	149	10.386	10.387	-0.001	95	65542	0.4057	
185 3-Methylcholanthrene	268		10.594					
159 Fluoranthene	202	10.990	10.996	-0.006	74	74135	0.4840	
160 Benzidine	184		11.086					
161 Pyrene	202	11.209	11.215	-0.006	91	76278	0.5045	
166 4,4'-DDE	246		11.266					9
165 4,4'-DDD	235		11.656					
187 Dibenz[a,h]acridine	279		11.729					
186 Dibenz[a,j]acridine	279		11.804					
168 Butyl benzyl phthalate	149	11.823	11.824	-0.001	79	30453	0.4817	
170 4,4'-DDT	235		11.961					
172 3,3'-Dimethoxybenzidine	244	12.459	12.465	-0.006	19	7575	0.4723	
174 4,4'-Methylene bis(2-chloroanili	231	12.507	12.513	-0.006	52	9133	0.3590	
175 3,3'-Dichlorobenzidine	252	12.513	12.513	-0.001	29	20795	0.4400	M
173 Bis(2-ethylhexyl) phthalate	149	12.518	12.523	-0.005	83	38144	0.4178	
177 Benzo[a]anthracene	228		12.571					
178 Chrysene	228		12.625					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
180 Di-n-octyl phthalate	149	13.469	13.469	0.0	83	49936	0.5074	
182 Benzo[b]fluoranthene	252		14.137					
183 Benzo[k]fluoranthene	252		14.179					
184 Benzo[a]pyrene	252		14.655					
188 Indeno[1,2,3-cd]pyrene	276		16.477					
189 Dibenz(a,h)anthracene	278		16.509					
190 Benzo[g,h,i]perylene	276		16.973					
S 191 Methyl Phenols,Total	100				0		0.9346	
S 95 Isosafrole	162		5.568					7
S 136 Diallate	86		6.701					7
S 162 Aramite, Total	185		8.271					7
T 192 Octadecane (TIC)	57		0.000					1
T 195 Hydroquinone TIC	110		0.000					1
T 194 Decane TIC	57		0.000					1
T 240 Trimethyl phosphate TIC	110		3.120					1
T 234 2-Isopropylphenol TIC	121		4.623					1
T 236 3-isopropylphenol TIC	121		4.756					1
T 235 4-isopropylphenol TIC	121		4.756					1
T 193 Hexamethylphosphoramide TIC	135		5.100					1
T 237 3-(1,1-Dimethylethyl Phenol) TIC	135		5.110					1
T 196 Kepone TIC	272		8.281					1
T 242 Triphenyl Phosphate TIC	326		8.700					1
T 238 2,3,7,8-TCDD TIC	1		9.000					1
T 231 2,3,7,8-TCDD	322		9.150					1
T 197 Hexachlorophene TIC	198		9.269					1
T 241 Tricresyl phosphate TIC	368		9.372					1
T 239 Tris(2,3-dibromopropyl)phosphate	201		10.600					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

Review Flags
M - Manually Integrated

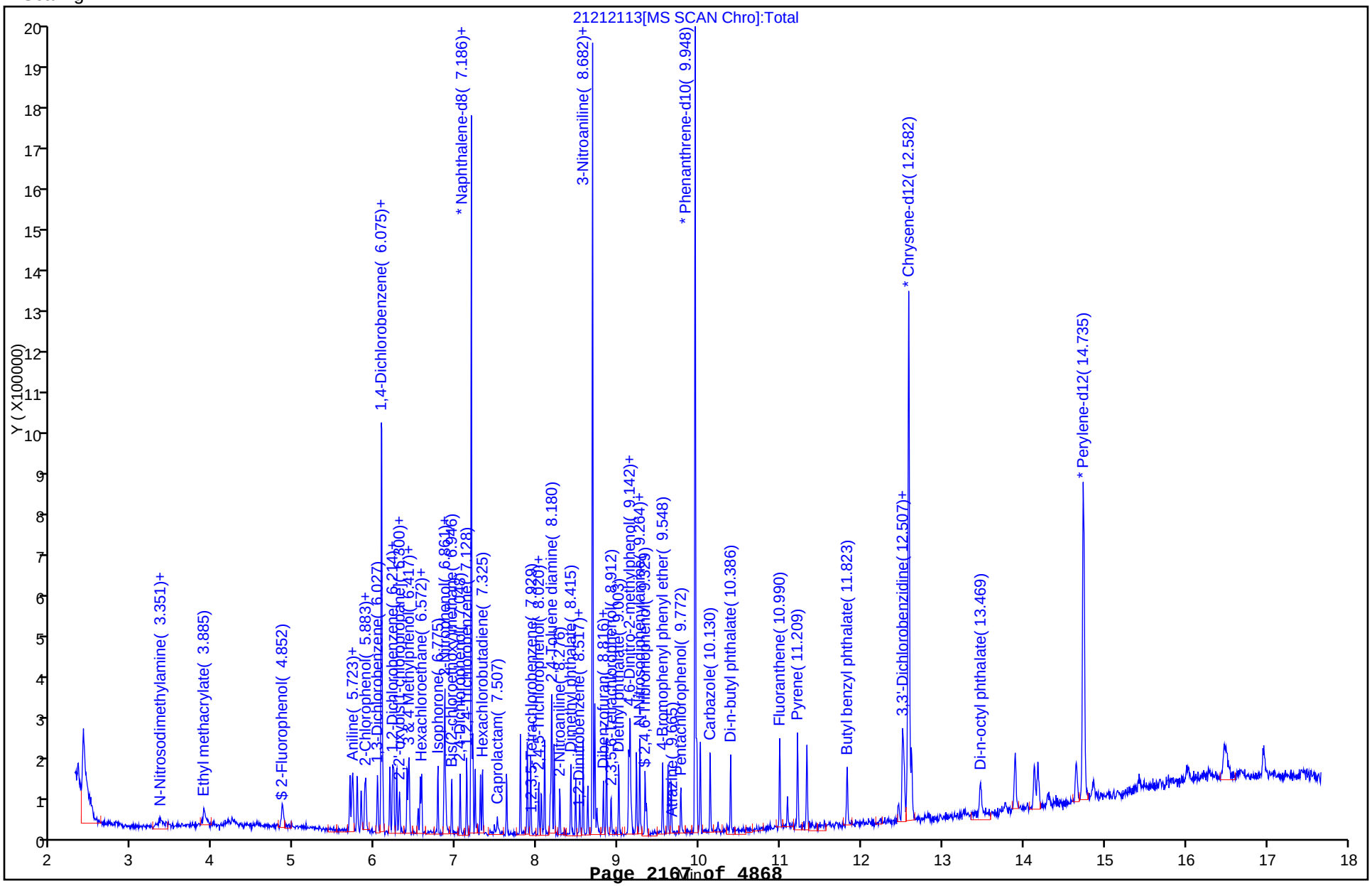
Report Date: 13-Dec-2012 11:43:42 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121212-15768.b\21212113.D

Injection Date:	12-Dec-2012 15:36:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68349	Lims Sample ID:	13
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



Manual Integration/User Assign Peak Report

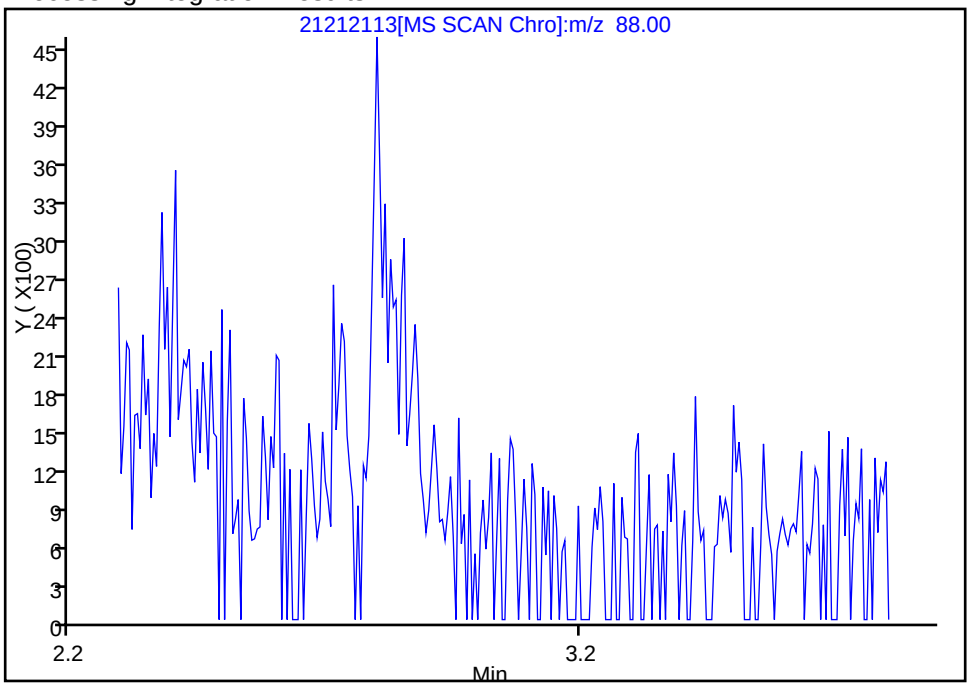
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121212-15768.b\21212113.D		
Injection Date:	12-Dec-2012 15:36:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68349	Lims Sample ID:	13
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

25 1,4-Dioxane, Signal: 1, m/z: 88.0 Type: quant, RT: 2.81

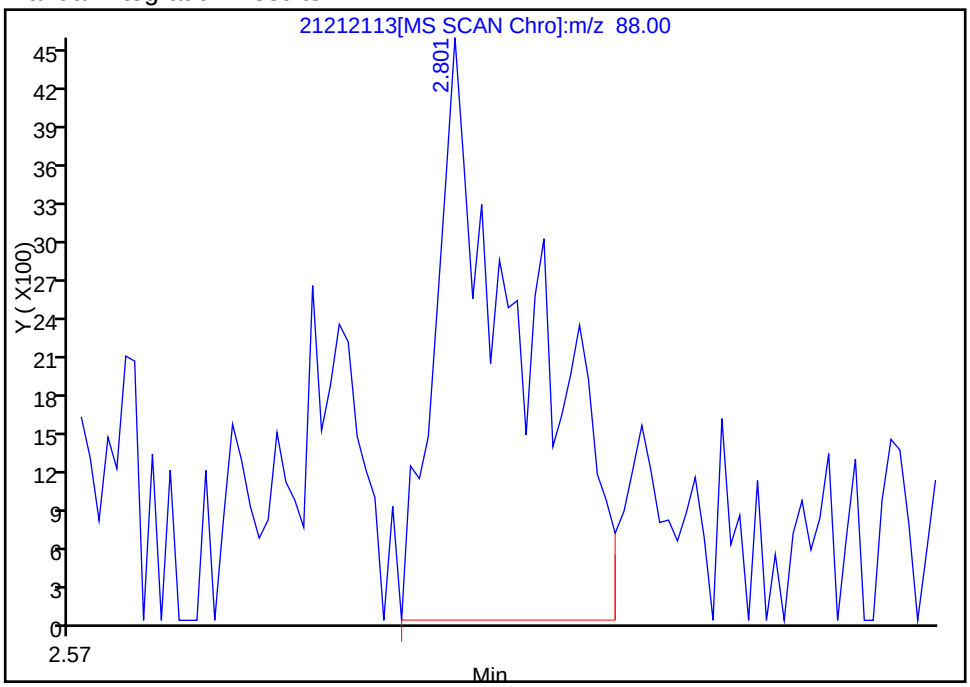
Processing Integration Results

Not Detected
Expected RT: 2.81



Manual Integration Results

RT: 2.80
Response: 16591
Amount: 0.286794



Reviewer: ulmanm, 13-Dec-2012 09:40:58
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

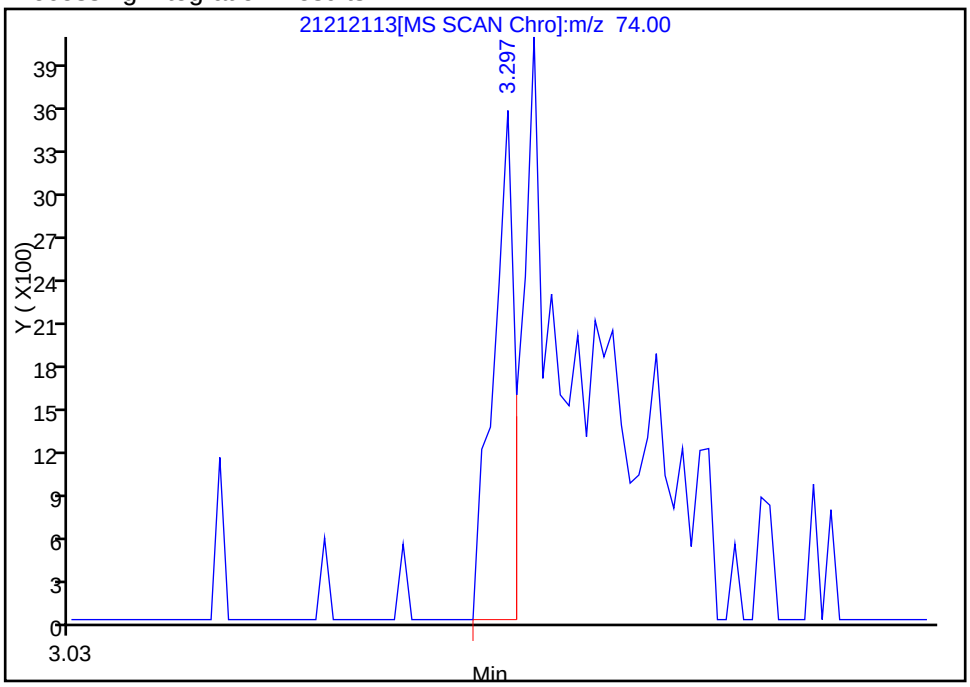
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121212-15768.b\21212113.D		
Injection Date:	12-Dec-2012 15:36:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68349	Lims Sample ID:	13
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

26 N-Nitrosodimethylamine, Signal: 1, m/z: 74.0 Type: quant, RT: 3.28

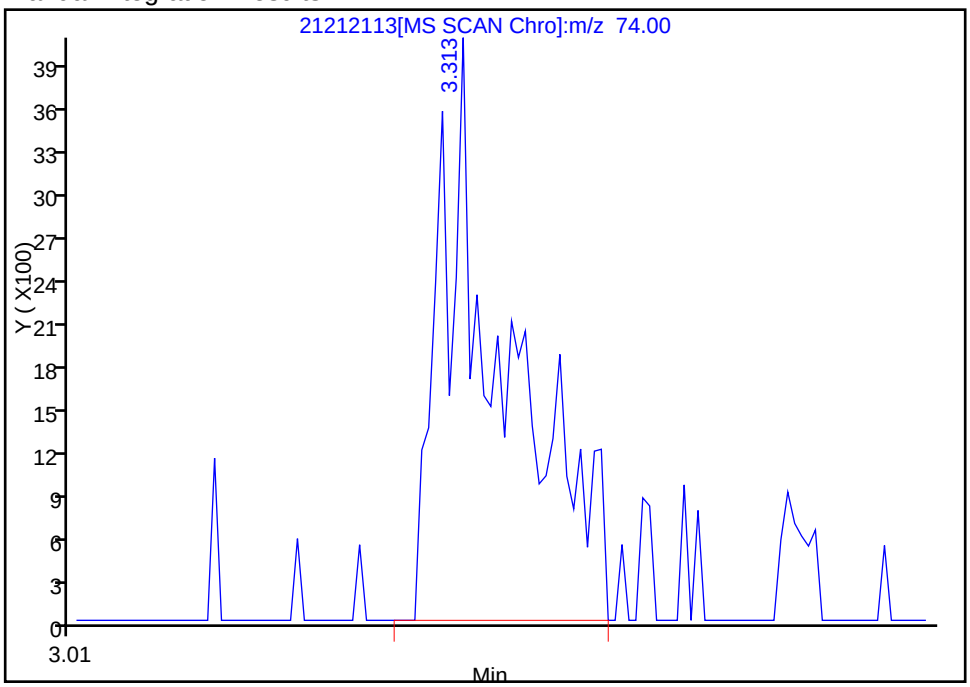
Processing Integration Results

RT: 3.30
Response: 3164
Amount: 0.543109



Manual Integration Results

RT: 3.31
Response: 14218
Amount: 0.889576



Reviewer: ulmanm, 13-Dec-2012 09:40:58
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

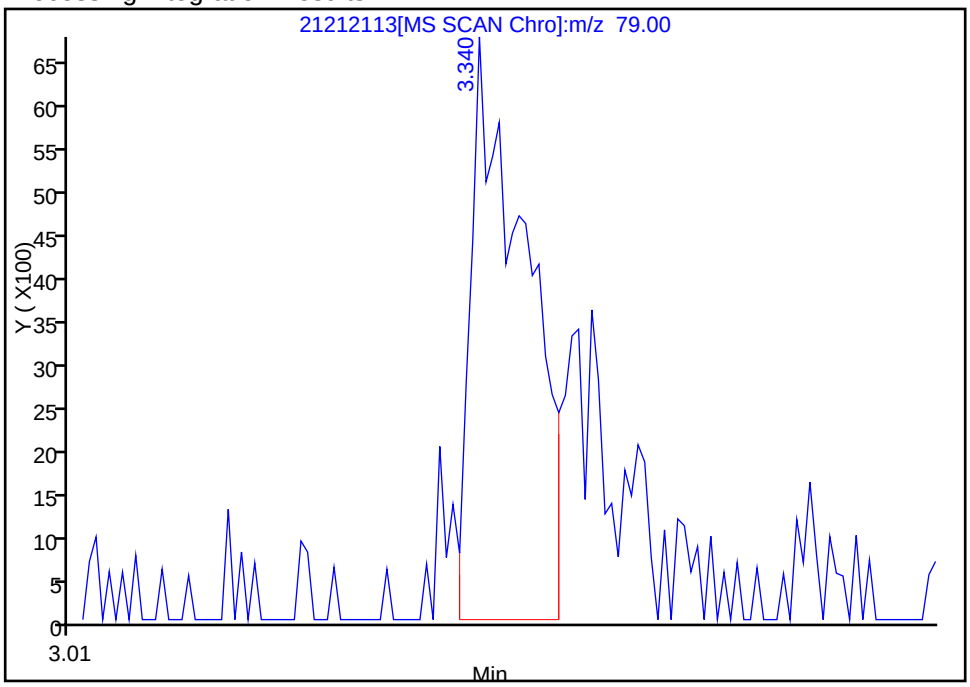
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121212-15768.b\21212113.D		
Injection Date:	12-Dec-2012 15:36:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68349	Lims Sample ID:	13
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

27 Pyridine, Signal: 1, m/z: 79.0 Type: quant, RT: 3.32

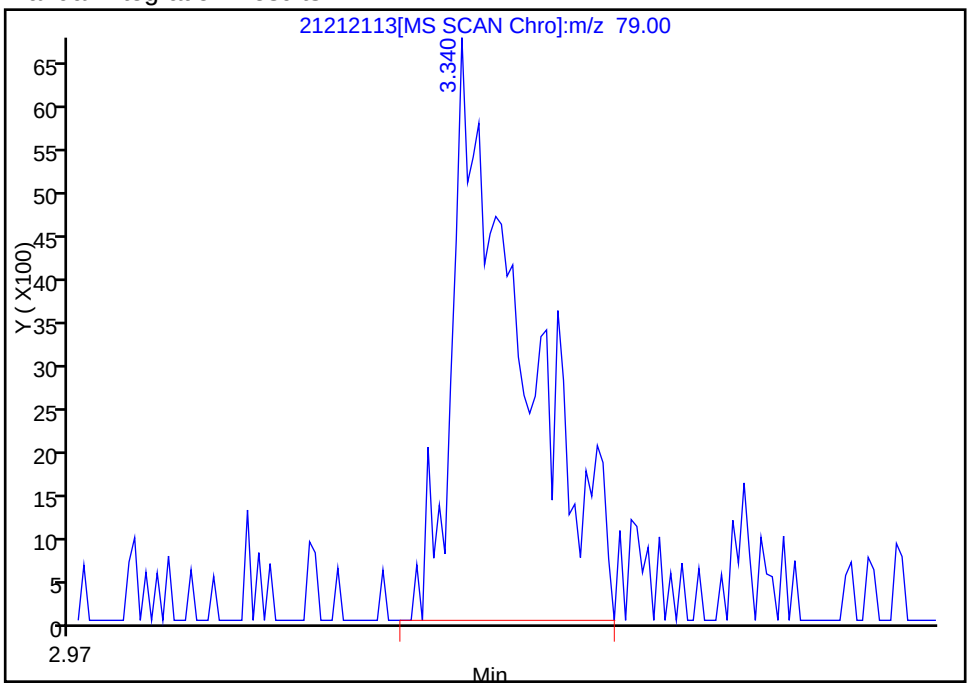
Processing Integration Results

RT: 3.34
Response: 20752
Amount: 0.324109



Manual Integration Results

RT: 3.34
Response: 31222
Amount: 0.487632



Reviewer: ulmanm, 13-Dec-2012 09:40:58
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

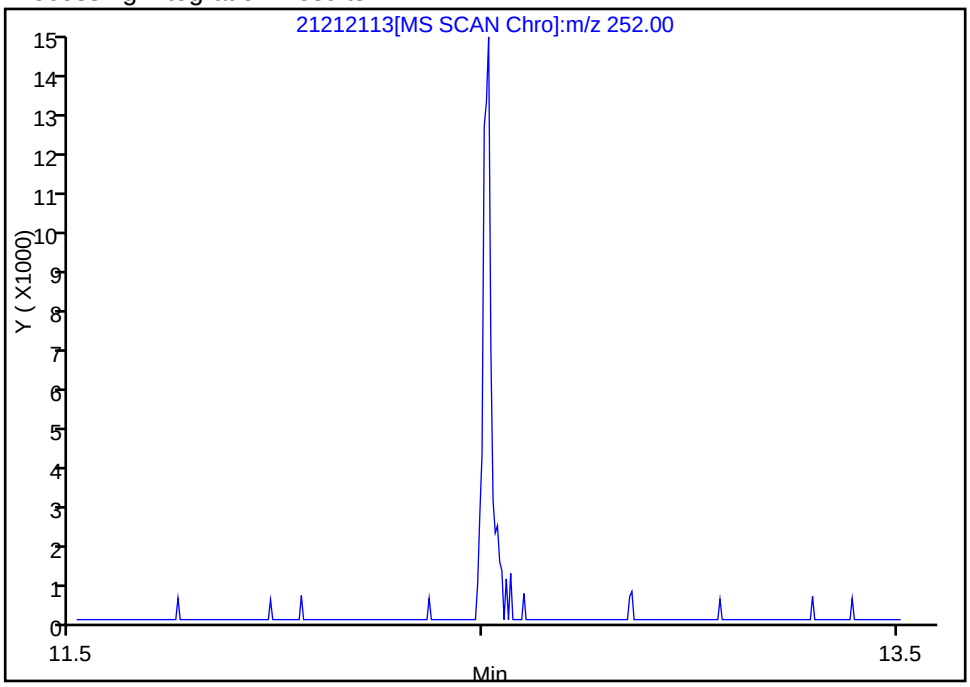
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121212-15768.b\21212113.D		
Injection Date:	12-Dec-2012 15:36:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68349	Lims Sample ID:	13
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

175 3,3'-Dichlorobenzidine, Signal: 1, m/z: 252.0 Type: quant, RT: 12.51

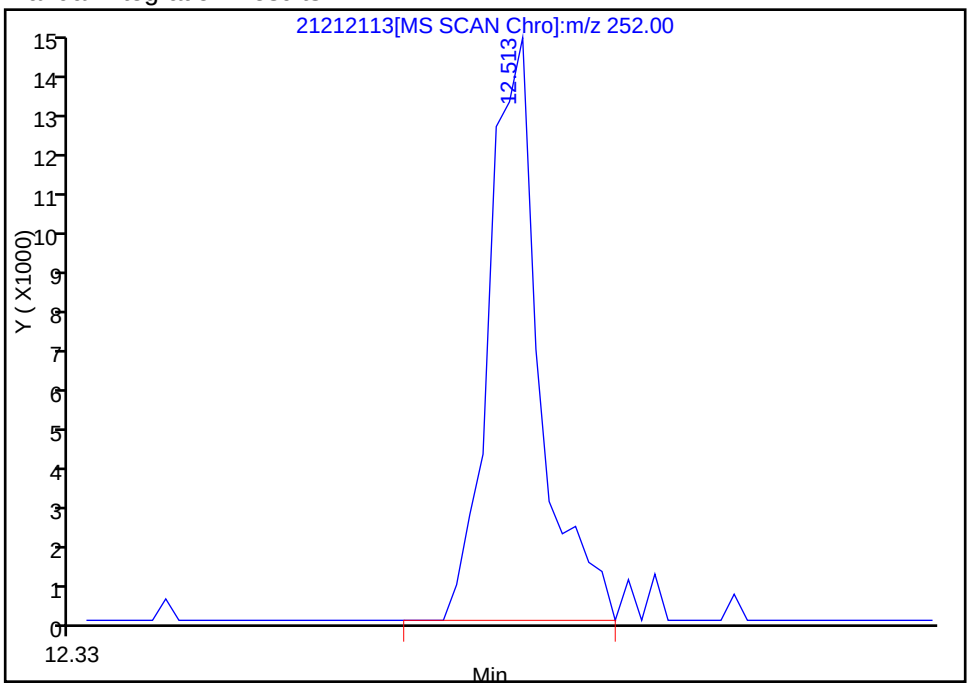
Processing Integration Results

Not Detected
Expected RT: 12.51



Manual Integration Results

RT: 12.51
Response: 20795
Amount: 0.440000



Reviewer: ulmanm, 13-Dec-2012 09:40:58
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: mdll3 Calibration Date: 12/12/2012 16:01

Instrument ID: A4HP9 Calib Start Date: 12/11/2012 12:10

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/11/2012 15:28

Lab File ID: 21212114.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzoic acid	Qua				1.83	2.00		
1,1'-Biphenyl	Ave	1.370			0.000800	1.00		
1,2,4-Trichlorobenzene	Ave	0.3791			0.000800	1.00		
1,2-Dichlorobenzene	Ave	1.701			0.000800	1.00		
1,2-Diphenylhydrazine(as Azobenzene)	Ave	1.281			0.000800	1.00		
1,3-Dichlorobenzene	Ave	1.785			0.000800	1.00		
1,4-Dichlorobenzene	Ave	1.508			0.000800	1.00		
1,4-Dioxane	Qua				0.000800	1.00		
2,4,5-Trichlorophenol	Ave	0.3509			0.000800	1.00		
2,4,6-Trichlorophenol	Ave	0.3296			0.000800	1.00		
2,4-Dichlorophenol	Ave	0.2648			0.000800	1.00		
2,4-Dimethylphenol	Ave	0.4549			0.000800	1.00		
2,4-Dinitrophenol	Qua				0.00240	2.00		
2,4-Dinitrotoluene	Ave	0.4097			0.000800	1.00		
2,6-Dinitrotoluene	Qua				0.000800	1.00		
2-Chloronaphthalene	Ave	1.237			0.000100	1.00		
2-Chlorophenol	Ave	1.356			0.000800	1.00		
2-Methylnaphthalene	Ave	0.6859			0.000100	1.00		
2-Methylphenol	Ave	1.516			0.000800	1.00		
2-Nitroaniline	Ave	0.4702			0.000800	1.00		
2-Nitrophenol	Ave	0.1739			0.000800	1.00		
3 & 4 Methylphenol	Ave	1.624			0.000800	1.00		
3,3'-Dichlorobenzidine	Ave	0.3751			0.000800	1.00		
3-Nitroaniline	Ave	0.2802			0.000800	1.00		
4,6-Dinitro-2-methylphenol	Qua				0.00240	1.00		
4-Bromophenyl phenyl ether	Ave	0.2201			0.000800	1.00		
4-Chloro-3-methylphenol	Ave	0.3920			0.000800	1.00		
4-Chlorophenyl phenyl ether	Ave	0.7347			0.000800	1.00		
4-Nitroaniline	Qua				0.000800	1.00		
4-Nitrophenol	Ave	0.2223			0.00240	1.00		

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: mdll3 Calibration Date: 12/12/2012 16:01

Instrument ID: A4HP9 Calib Start Date: 12/11/2012 12:10

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/11/2012 15:28

Lab File ID: 21212114.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Acenaphthene	Ave	1.124			0.000100	1.00		
Acenaphthylene	Ave	1.742			0.000100	1.00		
Acetophenone	Ave	2.431			0.000800	1.00		
Aniline	Ave	2.926			0.00240	1.00		
Anthracene	Ave	1.055			0.000100	1.00		
Atrazine	Ave	0.1567			0.000800	1.00		
Benzaldehyde	Ave	2.129			0.000800	1.00		
Benzidine	Qua				0.00240	1.00		
Benzo[a]anthracene	Ave	1.108			0.000100	1.00		
Benzo[a]pyrene	Ave	1.113			0.000100	1.00		
Benzo[b]fluoranthene	Ave	1.241			0.000100	1.00		
Benzo[g,h,i]perylene	Ave	1.017			0.000100	1.00		
Benzo[k]fluoranthene	Ave	1.231			0.000100	1.00		
Benzyl alcohol	Ave	1.046			0.000800	1.00		
Bis(2-chloroethoxy)methane	Ave	0.6949			0.000800	1.00		
Bis(2-chloroethyl)ether	Ave	2.220			0.000100	1.00		
Bis(2-ethylhexyl) phthalate	Ave	0.7246			0.000800	1.00		
Butyl benzyl phthalate	Ave	0.5018			0.000800	1.00		
Caprolactam	Ave	0.1033			0.000800	1.00		
Carbazole	Ave	0.997			0.000800	1.00		
Chrysene	Ave	1.022			0.000100	1.00		
Dibenz(a,h)anthracene	Ave	1.035			0.000100	1.00		
Dibenzofuran	Ave	1.529			0.000100	1.00		
Diethyl phthalate	Ave	1.198			0.000800	1.00		
Dimethyl phthalate	Ave	1.198			0.000800	1.00		
Di-n-butyl phthalate	Ave	1.234			0.000800	1.00		
Di-n-octyl phthalate	Qua				0.000800	1.00		
Fluoranthene	Ave	1.170			0.000100	1.00		
Fluorene	Ave	1.287			0.000100	1.00		

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: mdll3 Calibration Date: 12/12/2012 16:01

Instrument ID: A4HP9 Calib Start Date: 12/11/2012 12:10

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/11/2012 15:28

Lab File ID: 21212114.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Hexachlorobenzene	Ave	0.2171			0.000100	1.00		
Hexachlorobutadiene	Ave	0.2075			0.000800	1.00		
Hexachlorocyclopentadiene	Ave	0.3801			0.000800	1.00		
Hexachloroethane	Ave	0.7781			0.000800	1.00		
Indeno[1,2,3-cd]pyrene	Ave	1.227			0.000100	1.00		
Isophorone	Ave	1.056			0.000800	1.00		
Naphthalene	Ave	1.020			0.000100	1.00		
Nitrobenzene	Ave	0.7249			0.000100	1.00		
N-Nitrosodimethylamine	Qua				0.000800	1.00		
N-Nitrosodi-n-propylamine	Ave	1.615			0.000800	1.00		
N-Nitrosodiphenylamine	Ave	0.5305			0.000800	1.00		
Pentachlorophenol	Qua				0.00240	2.00		
Phenanthrene	Ave	1.093			0.000100	1.00		
Phenol	Ave	2.416			0.000800	1.00		
Pyrene	Ave	1.200			0.000100	1.00		
Pyridine	Ave	1.899			0.000800	1.00		
2,4,6-Tribromophenol (Surr)	Ave	0.1212			0.000000	1.00	0*	35-125
2-Fluorobiphenyl (Surr)	Ave	1.541			0.000000	1.00	0*	45-105
2-Fluorophenol (Surr)	Ave	1.462			0.000000	1.00	0*	35-105
Nitrobenzene-d5 (Surr)	Ave	0.6785			0.000000	1.00	0*	35-100
Phenol-d5 (Surr)	Ave	2.119			0.000000	1.00	0*	40-100
Terphenyl-d14 (Surr)	Ave	0.8035			0.000000	1.00	0*	30-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121212-15768.b\21212114.D
Lims ID: mdll3 Client ID:
Inject. Date: 12-Dec-2012 16:01:30 Dil. Factor: 1.0000
Sample Type: LODV
Sample ID: 240-0015768-014
Misc. Info.: MDLL3 =MDLL3
Operator: 001574 Instrument ID: A4HP9
Injection Vol: 1.0 ul ALS Bottle#: 14
Lims Batch ID: 68349 Lims Sample ID: 14
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121212-15768.b\8270 _9.m
Last Update: 13-Dec-2012 11:43:28 Calib Date: 11-Dec-2012 15:28:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: 5% phenyl Column Dia: 0.18 mm
Process Host: CORP-CTX-18

First Level Reviewer: ulmanm Date: 13-Dec-2012 09:41:16

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	6.075	6.081	-0.006	84	136595	4.00	
* 2 Naphthalene-d8	136	7.186	7.187	-0.001	98	558610	4.00	
* 3 Acenaphthene-d10	164	8.682	8.682	0.0	72	335883	4.00	
* 4 Phenanthrene-d10	188	9.948	9.949	0.0	77	568167	4.00	
* 5 Chrysene-d12	240	12.582	12.588	-0.006	78	543207	4.00	
* 6 Perylene-d12	264	14.740	14.740	0.0	94	434370	4.00	
$ 7 2-Fluorophenol	112		4.852					
$ 8 Phenol-d5	99		5.718					
$ 9 Nitrobenzene-d5	82		6.556					
$ 10 2-Fluorobiphenyl (Surr)	172		8.095					
$ 11 2,4,6-Tribromophenol	330		9.350					
$ 12 Terphenyl-d14	244		11.327					
20 Dimethylformamide	1		0.000					
19 Octachlorostyrene	1		0.000					
18 Bis(4-hydroxyphenyl)methane	1		0.000					
23 2,5-Dichlorophenol	1		0.000					
13 Octachlorocyclopentene	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
22 Bis(2-hydroxyphenyl)methane	1		0.000					
31 2-Picoline	93		2.310					
32 N-Nitrosomethylethylamine	88		2.374					9
34 Methyl methanesulfonate	80		2.587					
30 3-Picoline	93		2.651					9
233 n,n'-Dimethylacetamide	44		2.662					
35 Acrylamide	71		2.744					
25 1,4-Dioxane	88		2.806					
36 N-Nitrosodiethylamine	102		2.897					
37 Ethyl methanesulfonate	79		3.105					9
26 N-Nitrosodimethylamine	74		3.276					
38 2-Methylcyclohexanone	68		3.292					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
39 3-Methylcyclohexanone	69		3.319					
27 Pyridine	79		3.324					
40 4-Methylcyclohexanone	55		3.356					
45 Pentachloroethane	167		3.501					
42 Phenylmercaptan	110		3.596					
232 1-Methyl-2-pyrrilidinone	99		3.880					1
28 Ethyl methacrylate	69		3.885					
56 N-Nitrosopyrrolidine	100		3.992					
59 N-Nitrosomorpholine	56		4.013					9
60 2-Toluidine	106		4.040					
52 Indene	115		4.084					
29 3-Chloropropionitrile	54		4.232					
63 N-Nitrosopiperidine	114		4.254					
68 o,o',o''-Triethylphosphorothioat	198		4.435					
17 4-Chlorophenol	128		4.500					9
24 Catechol	110		4.592					
72 alpha,alpha-Dimethyl phenethylam	58		4.601					
33 Malononitrile	66		4.612					9
77 2,6-Dichlorophenol	162		4.729					
78 Hexachloropropene	213		4.756					
15 3-Methylcatechol	124		4.913					
83 N-Nitrosodi-n-butylamine	84		4.953					
85 p-Phenylene diamine	108		4.969					
14 4-Methylcatechol	124		5.036					
81 Benzothiazole	135		5.046					
82 Quinoline	129		5.099					
94 Safrole, Total	162		5.119					
91 1,2,4,5-Tetrachlorobenzene	216		5.327					
225 Isosafrole Peak 1	162		5.333					
227 Isosafrole Peak 2	162		5.498					
103 1,4-Naphthoquinone	158		5.680					
41 Benzaldehyde	77		5.691					
104 1,4-Dinitrobenzene	168		5.712					
96 3,4-Dichloronitrobenzene	109		5.725					
43 Phenol	94		5.728					
106 1,3-Dinitrobenzene	168		5.771					
101 Phenyl ether	170		5.773					
44 Aniline	93		5.782					
69 Bis(2-chloroethyl)ether	93		5.830					
46 2-Chlorophenol	128		5.888					
47 1,3-Dichlorobenzene	146		6.027					
115 Pentachlorobenzene	250		6.091					
48 1,4-Dichlorobenzene	146		6.091					
117 1-Naphthylamine	143		6.166					
49 Benzyl alcohol	108		6.182					
119 2,3,4,6-Tetrachlorophenol	232		6.203					
120 2-Naphthylamine	143		6.225					
50 1,2-Dichlorobenzene	146		6.230					
51 2-Methylphenol	108		6.268					
53 2,2'-oxybis[1-chloropropane]	45		6.300					
122 Thionazin	97		6.305					9
124 N-Nitro-o-toluidine	152		6.358					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
127 Tributyl phosphate	99		6.379					
21 3 & 4 Methylphenol	108		6.396					
57 N-Nitrosodi-n-propylamine	70		6.412					
58 Acetophenone	105		6.423					
130 Diphenylamine	169		6.428					
134 Sulfotepp	202		6.518					
61 Hexachloroethane	117		6.530					
62 Nitrobenzene	77		6.572					
135 1,3,5-Trinitrobenzene	213		6.614					
228 Diallate Peak 1	86		6.630					9
138 Phorate	121		6.636					
137 Phenacetin	108		6.641					
230 Diallate Peak 2	86		6.695					9
140 Dimethoate	87		6.764					9
64 Isophorone	82		6.775					
66 2-Nitrophenol	139		6.850					
67 1,3,5-Trichlorobenzene	180		6.861					
65 2,4-Dimethylphenol	107		6.861					
129 4-Aminobiphenyl	169		6.892					
71 Benzoic acid	122	6.876	6.914	-0.038	84	23910	1.83	
144 Pronamide	173		6.919					
145 Pentachloronitrobenzene	237		6.919					
70 Bis(2-chloroethoxy)methane	93		6.946					
146 Disulfoton	88		7.010					
147 Dinoseb	211		7.020					
73 2,4-Dichlorophenol	162		7.048					
74 1,2,4-Trichlorobenzene	180		7.133					
75 Naphthalene	128		7.208					
76 4-Chloroaniline	127		7.235					
152 Methyl parathion	109		7.282					9
79 Hexachlorobutadiene	225		7.299					
80 1,2,3-Trichlorobenzene	180		7.326					
84 Caprolactam	113		7.518					
155 Ethyl Parathion	97		7.560					
156 4-Nitroquinoline-1-oxide	190		7.613					
153 Diphenylsulfone	125		7.616					9
86 4-Chloro-3-methylphenol	107		7.625					
157 Methapyrilene	58		7.645					
87 2-Methylnaphthalene	142		7.790					
158 Isodrin	66		7.816					9
88 1-Methylnaphthalene	142		7.881					
90 1,2,3,5-Tetrachlorobenzene	216		7.918					
89 Hexachlorocyclopentadiene	237		7.924					M
92 2,4,6-Trichlorophenol	196		8.020					
93 2,4,5-Trichlorophenol	196		8.052					
226 Aramite Peak 1	185		8.131					
97 2,4-Toluene diamine	121		8.164					
99 1,2,3,4 -Tetrachlorobenzene	216		8.175					
98 1,1'-Biphenyl	154		8.180					
229 Aramite Peak 2	185		8.185					
100 2-Chloronaphthalene	162		8.212					
163 p-Dimethylamino azobenzene	225		8.276					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
102 2-Nitroaniline	65		8.282					
164 Chlorobenzilate	139		8.297					9
105 Dimethyl phthalate	163		8.415					
167 Famphur	218		8.473					
107 2,6-Dinitrotoluene	165		8.474					
169 3,3'-Dimethylbenzidine	212		8.516					
108 1,2-Dinitrobenzene	168		8.527					
109 Acenaphthylene	152		8.565					
110 3-Nitroaniline	138		8.624					
111 2,4-Dinitrophenol	184		8.709					
112 Acenaphthene	153		8.709					
171 2-Acetylaminofluorene	181		8.713					
113 4-Nitrophenol	109		8.736					
114 2,4-Dinitrotoluene	165		8.821					
116 Dibenzofuran	168		8.859					
118 2,3,5,6-Tetrachlorophenol	232		8.912					
121 Diethyl phthalate	149		9.008					
123 4-Chlorophenyl phenyl ether	204		9.131					
125 4-Nitroaniline	138		9.142					
126 Fluorene	166		9.147					
128 4,6-Dinitro-2-methylphenol	198		9.163					9
176 Hexabromobenzene	232		9.208					
131 N-Nitrosodiphenylamine	169		9.227					
133 Azobenzene	77		9.265					
132 1,2-Diphenylhydrazine	77		9.265					
139 4-Bromophenyl phenyl ether	248		9.548					
179 6-Methylchrysene	242		9.576					
141 Hexachlorobenzene	284		9.617					
142 Atrazine	200		9.655					
143 Pentachlorophenol	266		9.772					
181 7,12-Dimethylbenz(a)anthracene	256		9.856					
148 Phenanthrene	178		9.970					
149 Anthracene	178		10.013					
150 DFTPP								
151 Carbazole	167		10.135					
154 Di-n-butyl phthalate	149		10.387					
185 3-Methylcholanthrene	268		10.594					
159 Fluoranthene	202		10.996					
160 Benzidine	184		11.086					
161 Pyrene	202		11.215					
166 4,4'-DDE	246		11.266					9
165 4,4'-DDD	235		11.656					
187 Dibenz[a,h]acridine	279		11.729					
186 Dibenz[a,j]acridine	279		11.804					
168 Butyl benzyl phthalate	149		11.824					
170 4,4'-DDT	235		11.961					
172 3,3'-Dimethoxybenzidine	244		12.465					
174 4,4'-Methylene bis(2-chloroanili	231		12.513					
175 3,3'-Dichlorobenzidine	252		12.513					
173 Bis(2-ethylhexyl) phthalate	149		12.523					
177 Benzo[a]anthracene	228		12.571					
178 Chrysene	228		12.625					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
180 Di-n-octyl phthalate	149		13.469					
182 Benzo[b]fluoranthene	252		14.137					
183 Benzo[k]fluoranthene	252		14.179					
184 Benzo[a]pyrene	252		14.655					
188 Indeno[1,2,3-cd]pyrene	276		16.477					
189 Dibenz(a,h)anthracene	278		16.509					
190 Benzo[g,h,i]perylene	276		16.973					
S 191 Methyl Phenols,Total	100		0.000					7
S 95 Isosafrole	162		5.568					7
S 136 Diallate	86		6.701					7
S 162 Aramite, Total	185		8.271					7
T 192 Octadecane (TIC)	57		0.000					1
T 195 Hydroquinone TIC	110		0.000					1
T 194 Decane TIC	57		0.000					1
T 240 Trimethyl phosphate TIC	110		3.120					1
T 234 2-Isopropylphenol TIC	121		4.623					1
T 236 3-isopropylphenol TIC	121		4.756					1
T 235 4-isopropylphenol TIC	121		4.756					1
T 193 Hexamethylphosphoramide TIC	135		5.100					1
T 237 3-(1,1-Dimethylethyl Phenol) TIC	135		5.110					1
T 196 Kepone TIC	272		8.281					
T 242 Triphenyl Phosphate TIC	326		8.700					1
T 238 2,3,7,8-TCDD TIC	1		9.000					1
T 231 2,3,7,8-TCDD	322		9.150					1
T 197 Hexachlorophene TIC	198		9.269					1
T 241 Tricresyl phosphate TIC	368		9.372					1
T 239 Tris(2,3-dibromopropyl)phosphate	201		10.600					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

Review Flags
M - Manually Integrated

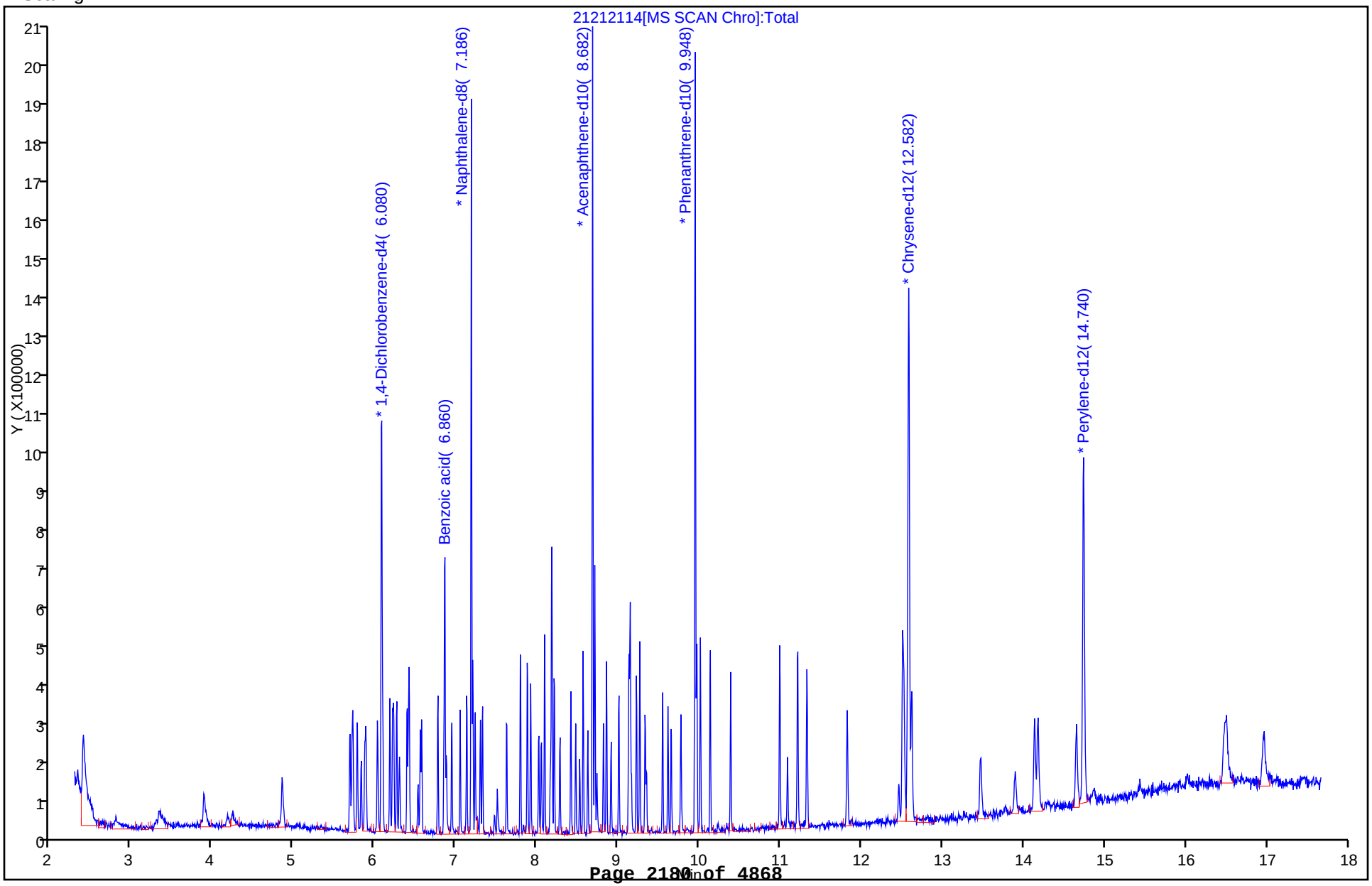
Report Date: 13-Dec-2012 11:43:42 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121212-15768.b\21212114.D

Injection Date:	12-Dec-2012 16:01:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68349	Lims Sample ID:	14
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: mdll4 Calibration Date: 12/12/2012 16:26

Instrument ID: A4HP9 Calib Start Date: 12/11/2012 12:10

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/11/2012 15:28

Lab File ID: 21212115.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Hexachlorocyclopentadiene	Ave	0.3801			0.101	2.00		
1,1'-Biphenyl	Ave	1.370			0.000800	2.00		
1,2,4-Trichlorobenzene	Ave	0.3791			0.000800	2.00		
1,2-Dichlorobenzene	Ave	1.701			0.000800	2.00		
1,2-Diphenylhydrazine(as Azobenzene)	Ave	1.281			0.000800	2.00		
1,3-Dichlorobenzene	Ave	1.785			0.000800	2.00		
1,4-Dichlorobenzene	Ave	1.508			0.000800	2.00		
1,4-Dioxane	Qua				0.000800	2.00		
2,4,5-Trichlorophenol	Ave	0.3509			0.000800	2.00		
2,4,6-Trichlorophenol	Ave	0.3296			0.000800	2.00		
2,4-Dichlorophenol	Ave	0.2648			0.000800	2.00		
2,4-Dimethylphenol	Ave	0.4549			0.000800	2.00		
2,4-Dinitrophenol	Qua				0.00240	4.00		
2,4-Dinitrotoluene	Ave	0.4097			0.000800	2.00		
2,6-Dinitrotoluene	Qua				0.000800	2.00		
2-Chloronaphthalene	Ave	1.237			0.000100	2.00		
2-Chlorophenol	Ave	1.356			0.000800	2.00		
2-Methylnaphthalene	Ave	0.6859			0.000100	2.00		
2-Methylphenol	Ave	1.516			0.000800	2.00		
2-Nitroaniline	Ave	0.4702			0.000800	2.00		
2-Nitrophenol	Ave	0.1739			0.000800	2.00		
3 & 4 Methylphenol	Ave	1.624			0.000800	2.00		
3,3'-Dichlorobenzidine	Ave	0.3751			0.000800	2.00		
3-Nitroaniline	Ave	0.2802			0.000800	2.00		
4,6-Dinitro-2-methylphenol	Qua				0.00240	2.00		
4-Bromophenyl phenyl ether	Ave	0.2201			0.000800	2.00		
4-Chloro-3-methylphenol	Ave	0.3920			0.000800	2.00		
4-Chlorophenyl phenyl ether	Ave	0.7347			0.000800	2.00		
4-Nitroaniline	Qua				0.000800	2.00		
4-Nitrophenol	Ave	0.2223			0.00240	2.00		

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: mdll4 Calibration Date: 12/12/2012 16:26

Instrument ID: A4HP9 Calib Start Date: 12/11/2012 12:10

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/11/2012 15:28

Lab File ID: 21212115.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Acenaphthene	Ave	1.124			0.000100	2.00		
Acenaphthylene	Ave	1.742			0.000100	2.00		
Acetophenone	Ave	2.431			0.000800	2.00		
Aniline	Ave	2.926			0.00240	2.00		
Anthracene	Ave	1.055			0.000100	2.00		
Atrazine	Ave	0.1567			0.000800	2.00		
Benzaldehyde	Ave	2.129			0.000800	2.00		
Benzidine	Qua				0.00240	2.00		
Benzo[a]anthracene	Ave	1.108			0.000100	2.00		
Benzo[a]pyrene	Ave	1.113			0.000100	2.00		
Benzo[b]fluoranthene	Ave	1.241			0.000100	2.00		
Benzo[g,h,i]perylene	Ave	1.017			0.000100	2.00		
Benzo[k]fluoranthene	Ave	1.231			0.000100	2.00		
Benzoic acid	Qua				0.0100	4.00		
Benzyl alcohol	Ave	1.046			0.000800	2.00		
Bis(2-chloroethoxy)methane	Ave	0.6949			0.000800	2.00		
Bis(2-chloroethyl)ether	Ave	2.220			0.000100	2.00		
Bis(2-ethylhexyl) phthalate	Ave	0.7246			0.000800	2.00		
Butyl benzyl phthalate	Ave	0.5018			0.000800	2.00		
Caprolactam	Ave	0.1033			0.000800	2.00		
Carbazole	Ave	0.997			0.000800	2.00		
Chrysene	Ave	1.022			0.000100	2.00		
Dibenz(a,h)anthracene	Ave	1.035			0.000100	2.00		
Dibenzofuran	Ave	1.529			0.000100	2.00		
Diethyl phthalate	Ave	1.198			0.000800	2.00		
Dimethyl phthalate	Ave	1.198			0.000800	2.00		
Di-n-butyl phthalate	Ave	1.234			0.000800	2.00		
Di-n-octyl phthalate	Qua				0.000800	2.00		
Fluoranthene	Ave	1.170			0.000100	2.00		

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: mdll4 Calibration Date: 12/12/2012 16:26

Instrument ID: A4HP9 Calib Start Date: 12/11/2012 12:10

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/11/2012 15:28

Lab File ID: 21212115.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Fluorene	Ave	1.287			0.000100	2.00		
Hexachlorobenzene	Ave	0.2171			0.000100	2.00		
Hexachlorobutadiene	Ave	0.2075			0.000800	2.00		
Hexachloroethane	Ave	0.7781			0.000800	2.00		
Indeno[1,2,3-cd]pyrene	Ave	1.227			0.000100	2.00		
Isophorone	Ave	1.056			0.000800	2.00		
Naphthalene	Ave	1.020			0.000100	2.00		
Nitrobenzene	Ave	0.7249			0.000100	2.00		
N-Nitrosodimethylamine	Qua				0.000800	2.00		
N-Nitrosodi-n-propylamine	Ave	1.615			0.000800	2.00		
N-Nitrosodiphenylamine	Ave	0.5305			0.000800	2.00		
Pentachlorophenol	Qua				0.00240	4.00		
Phenanthrene	Ave	1.093			0.000100	2.00		
Phenol	Ave	2.416			0.000800	2.00		
Pyrene	Ave	1.200			0.000100	2.00		
Pyridine	Ave	1.899			0.000800	2.00		
2,4,6-Tribromophenol (Surr)	Ave	0.1212			0.000000	2.00	0*	35-125
2-Fluorobiphenyl (Surr)	Ave	1.541			0.000000	2.00	0*	45-105
2-Fluorophenol (Surr)	Ave	1.462			0.000000	2.00	0*	35-105
Nitrobenzene-d5 (Surr)	Ave	0.6785			0.000000	2.00	0*	35-100
Phenol-d5 (Surr)	Ave	2.119			0.000000	2.00	0*	40-100
Terphenyl-d14 (Surr)	Ave	0.8035			0.000000	2.00	0*	30-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121212-15768.b\21212115.D
Lims ID: mdll4 Client ID:
Inject. Date: 12-Dec-2012 16:26:30 Dil. Factor: 1.0000
Sample Type: LODV
Sample ID: 240-0015768-015
Misc. Info.: MDLL4 =MDLL4
Operator: 001574 Instrument ID: A4HP9
Injection Vol: 1.0 ul ALS Bottle#: 15
Lims Batch ID: 68349 Lims Sample ID: 15
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121212-15768.b\8270 _9.m
Last Update: 13-Dec-2012 11:43:28 Calib Date: 11-Dec-2012 15:28:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: 5% phenyl Column Dia: 0.18 mm
Process Host: CORP-CTX-18

First Level Reviewer: ulmanm Date: 13-Dec-2012 09:49:39

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	6.075	6.081	-0.006	93	124017	4.00	
* 2 Naphthalene-d8	136	7.187	7.187	0.0	99	504125	4.00	
* 3 Acenaphthene-d10	164	8.682	8.682	0.0	75	311234	4.00	
* 4 Phenanthrene-d10	188	9.948	9.949	0.0	77	522127	4.00	
* 5 Chrysene-d12	240	12.587	12.588	-0.001	79	505219	4.00	
* 6 Perylene-d12	264	14.740	14.740	0.0	95	393571	4.00	
$ 7 2-Fluorophenol	112		4.852					
$ 8 Phenol-d5	99		5.718					
$ 9 Nitrobenzene-d5	82		6.556					
$ 10 2-Fluorobiphenyl (Surr)	172		8.095					
$ 11 2,4,6-Tribromophenol	330		9.350					
$ 12 Terphenyl-d14	244		11.327					
20 Dimethylformamide	1		0.000					
19 Octachlorostyrene	1		0.000					
18 Bis(4-hydroxyphenyl)methane	1		0.000					
23 2,5-Dichlorophenol	1		0.000					
13 Octachlorocyclopentene	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
22 Bis(2-hydroxyphenyl)methane	1		0.000					
31 2-Picoline	93		2.310					
32 N-Nitrosomethylethylamine	88		2.374					9
34 Methyl methanesulfonate	80		2.587					
30 3-Picoline	93		2.651					9
233 n,n'-Dimethylacetamide	44		2.662					
35 Acrylamide	71		2.744					
25 1,4-Dioxane	88		2.806					
36 N-Nitrosodiethylamine	102		2.897					
37 Ethyl methanesulfonate	79		3.105					
26 N-Nitrosodimethylamine	74		3.276					
38 2-Methylcyclohexanone	68		3.292					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
39 3-Methylcyclohexanone	69		3.319					
27 Pyridine	79		3.324					
40 4-Methylcyclohexanone	55		3.356					
45 Pentachloroethane	167		3.501					
42 Phenylmercaptan	110		3.596					
232 1-Methyl-2-pyrrilidinone	99		3.880					1
28 Ethyl methacrylate	69		3.885					
56 N-Nitrosopyrrolidine	100		3.992					
59 N-Nitrosomorpholine	56		4.013					
60 2-Toluidine	106		4.040					
52 Indene	115		4.084					
29 3-Chloropropionitrile	54		4.232					
63 N-Nitrosopiperidine	114		4.254					
68 o,o',o''-Triethylphosphorothioat	198		4.435					
17 4-Chlorophenol	128		4.500					
24 Catechol	110		4.592					
72 alpha,alpha-Dimethyl phenethylam	58		4.601					
33 Malononitrile	66		4.612					9
77 2,6-Dichlorophenol	162		4.729					
78 Hexachloropropene	213		4.756					
15 3-Methylcatechol	124		4.913					9
83 N-Nitrosodi-n-butylamine	84		4.953					
85 p-Phenylene diamine	108		4.969					
14 4-Methylcatechol	124		5.036					9
81 Benzothiazole	135		5.046					
82 Quinoline	129		5.099					
94 Safrole, Total	162		5.119					
91 1,2,4,5-Tetrachlorobenzene	216		5.327					
225 Isosafrole Peak 1	162		5.333					
227 Isosafrole Peak 2	162		5.498					
103 1,4-Naphthoquinone	158		5.680					
41 Benzaldehyde	77		5.691					
104 1,4-Dinitrobenzene	168		5.712					
96 3,4-Dichloronitrobenzene	109		5.725					
43 Phenol	94		5.728					
106 1,3-Dinitrobenzene	168		5.771					
101 Phenyl ether	170		5.773					
44 Aniline	93		5.782					
69 Bis(2-chloroethyl)ether	93		5.830					
46 2-Chlorophenol	128		5.888					
47 1,3-Dichlorobenzene	146		6.027					
115 Pentachlorobenzene	250		6.091					
48 1,4-Dichlorobenzene	146		6.091					
117 1-Naphthylamine	143		6.166					
49 Benzyl alcohol	108		6.182					
119 2,3,4,6-Tetrachlorophenol	232		6.203					
120 2-Naphthylamine	143		6.225					
50 1,2-Dichlorobenzene	146		6.230					
51 2-Methylphenol	108		6.268					
53 2,2'-oxybis[1-chloropropane]	45		6.300					
122 Thionazin	97		6.305					9
124 N-Nitro-o-toluidine	152		6.358					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
127 Tributyl phosphate	99		6.379					
21 3 & 4 Methylphenol	108		6.396					
57 N-Nitrosodi-n-propylamine	70		6.412					
58 Acetophenone	105		6.423					
130 Diphenylamine	169		6.428					
134 Sulfotepp	202		6.518					
61 Hexachloroethane	117		6.530					
62 Nitrobenzene	77		6.572					
135 1,3,5-Trinitrobenzene	213		6.614					
228 Diallate Peak 1	86		6.630					
138 Phorate	121		6.636					
137 Phenacetin	108		6.641					
230 Diallate Peak 2	86		6.695					
140 Dimethoate	87		6.764					9
64 Isophorone	82		6.775					
66 2-Nitrophenol	139		6.850					
67 1,3,5-Trichlorobenzene	180		6.861					
65 2,4-Dimethylphenol	107		6.861					
129 4-Aminobiphenyl	169		6.892					
71 Benzoic acid	122		6.914					
144 Pronamide	173		6.919					9
145 Pentachloronitrobenzene	237		6.919					
70 Bis(2-chloroethoxy)methane	93		6.946					
146 Disulfoton	88		7.010					
147 Dinoseb	211		7.020					
73 2,4-Dichlorophenol	162		7.048					
74 1,2,4-Trichlorobenzene	180		7.133					
75 Naphthalene	128		7.208					
76 4-Chloroaniline	127		7.235					
152 Methyl parathion	109		7.282					9
79 Hexachlorobutadiene	225		7.299					
80 1,2,3-Trichlorobenzene	180	7.325	7.326	-0.001	83	70995	0	
84 Caprolactam	113		7.518					
155 Ethyl Parathion	97		7.560					
156 4-Nitroquinoline-1-oxide	190		7.613					
153 Diphenylsulfone	125		7.616					
86 4-Chloro-3-methylphenol	107		7.625					
157 Methapyrilene	58		7.645					
87 2-Methylnaphthalene	142		7.790					
158 Isodrin	66		7.816					9
88 1-Methylnaphthalene	142		7.881					
90 1,2,3,5-Tetrachlorobenzene	216		7.918					
89 Hexachlorocyclopentadiene	237	7.924	7.924	0.0	1	2983	0.1009	M
92 2,4,6-Trichlorophenol	196		8.020					
93 2,4,5-Trichlorophenol	196		8.052					
226 Aramite Peak 1	185		8.131					9
97 2,4-Toluene diamine	121		8.164					
99 1,2,3,4 -Tetrachlorobenzene	216		8.175					
98 1,1'-Biphenyl	154		8.180					
229 Aramite Peak 2	185		8.185					9
100 2-Chloronaphthalene	162		8.212					
163 p-Dimethylamino azobenzene	225		8.276					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
102 2-Nitroaniline	65		8.282					
164 Chlorobenzilate	139		8.297					9
105 Dimethyl phthalate	163		8.415					
167 Famphur	218		8.473					
107 2,6-Dinitrotoluene	165		8.474					
169 3,3'-Dimethylbenzidine	212		8.516					
108 1,2-Dinitrobenzene	168		8.527					
109 Acenaphthylene	152		8.565					
110 3-Nitroaniline	138		8.624					
111 2,4-Dinitrophenol	184		8.709					
112 Acenaphthene	153		8.709					
171 2-Acetylaminofluorene	181		8.713					
113 4-Nitrophenol	109		8.736					
114 2,4-Dinitrotoluene	165		8.821					
116 Dibenzofuran	168		8.859					
118 2,3,5,6-Tetrachlorophenol	232		8.912					
121 Diethyl phthalate	149		9.008					
123 4-Chlorophenyl phenyl ether	204		9.131					
125 4-Nitroaniline	138		9.142					
126 Fluorene	166		9.147					
128 4,6-Dinitro-2-methylphenol	198		9.163					
176 Hexabromobenzene	232		9.208					
131 N-Nitrosodiphenylamine	169		9.227					
133 Azobenzene	77		9.265					
132 1,2-Diphenylhydrazine	77		9.265					
139 4-Bromophenyl phenyl ether	248		9.548					
179 6-Methylchrysene	242		9.576					
141 Hexachlorobenzene	284		9.617					
142 Atrazine	200		9.655					
143 Pentachlorophenol	266		9.772					
181 7,12-Dimethylbenz(a)anthracene	256		9.856					
148 Phenanthrene	178		9.970					
149 Anthracene	178		10.013					
150 DFTPP								
151 Carbazole	167		10.135					
154 Di-n-butyl phthalate	149		10.387					
185 3-Methylcholanthrene	268		10.594					
159 Fluoranthene	202		10.996					
160 Benzidine	184		11.086					
161 Pyrene	202		11.215					
166 4,4'-DDE	246		11.266					9
165 4,4'-DDD	235		11.656					
187 Dibenz[a,h]acridine	279		11.729					
186 Dibenz[a,j]acridine	279		11.804					
168 Butyl benzyl phthalate	149		11.824					
170 4,4'-DDT	235		11.961					
172 3,3'-Dimethoxybenzidine	244		12.465					
174 4,4'-Methylene bis(2-chloroanili	231		12.513					
175 3,3'-Dichlorobenzidine	252		12.513					
173 Bis(2-ethylhexyl) phthalate	149		12.523					
177 Benzo[a]anthracene	228		12.571					
178 Chrysene	228		12.625					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
180 Di-n-octyl phthalate	149		13.469					
182 Benzo[b]fluoranthene	252		14.137					
183 Benzo[k]fluoranthene	252		14.179					
184 Benzo[a]pyrene	252		14.655					
188 Indeno[1,2,3-cd]pyrene	276		16.477					
189 Dibenz(a,h)anthracene	278		16.509					
190 Benzo[g,h,i]perylene	276		16.973					
S 191 Methyl Phenols,Total	100		0.000					7
S 95 Isosafrole	162		5.568					7
S 136 Diallate	86		6.701					7
S 162 Aramite, Total	185		8.271					7
T 192 Octadecane (TIC)	57		0.000					
T 195 Hydroquinone TIC	110		0.000					
T 194 Decane TIC	57		0.000					1
T 240 Trimethyl phosphate TIC	110		3.120					1
T 234 2-Isopropylphenol TIC	121		4.623					1
T 236 3-isopropylphenol TIC	121		4.756					1
T 235 4-isopropylphenol TIC	121		4.756					1
T 193 Hexamethylphosphoramide TIC	135		5.100					1
T 237 3-(1,1-Dimethylethyl Phenol) TIC	135		5.110					1
T 196 Kepone TIC	272		8.281					
T 242 Triphenyl Phosphate TIC	326		8.700					1
T 238 2,3,7,8-TCDD TIC	1		9.000					1
T 231 2,3,7,8-TCDD	322		9.150					1
T 197 Hexachlorophene TIC	198		9.269					1
T 241 Tricresyl phosphate TIC	368		9.372					1
T 239 Tris(2,3-dibromopropyl)phosphate	201		10.600					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

Review Flags
M - Manually Integrated

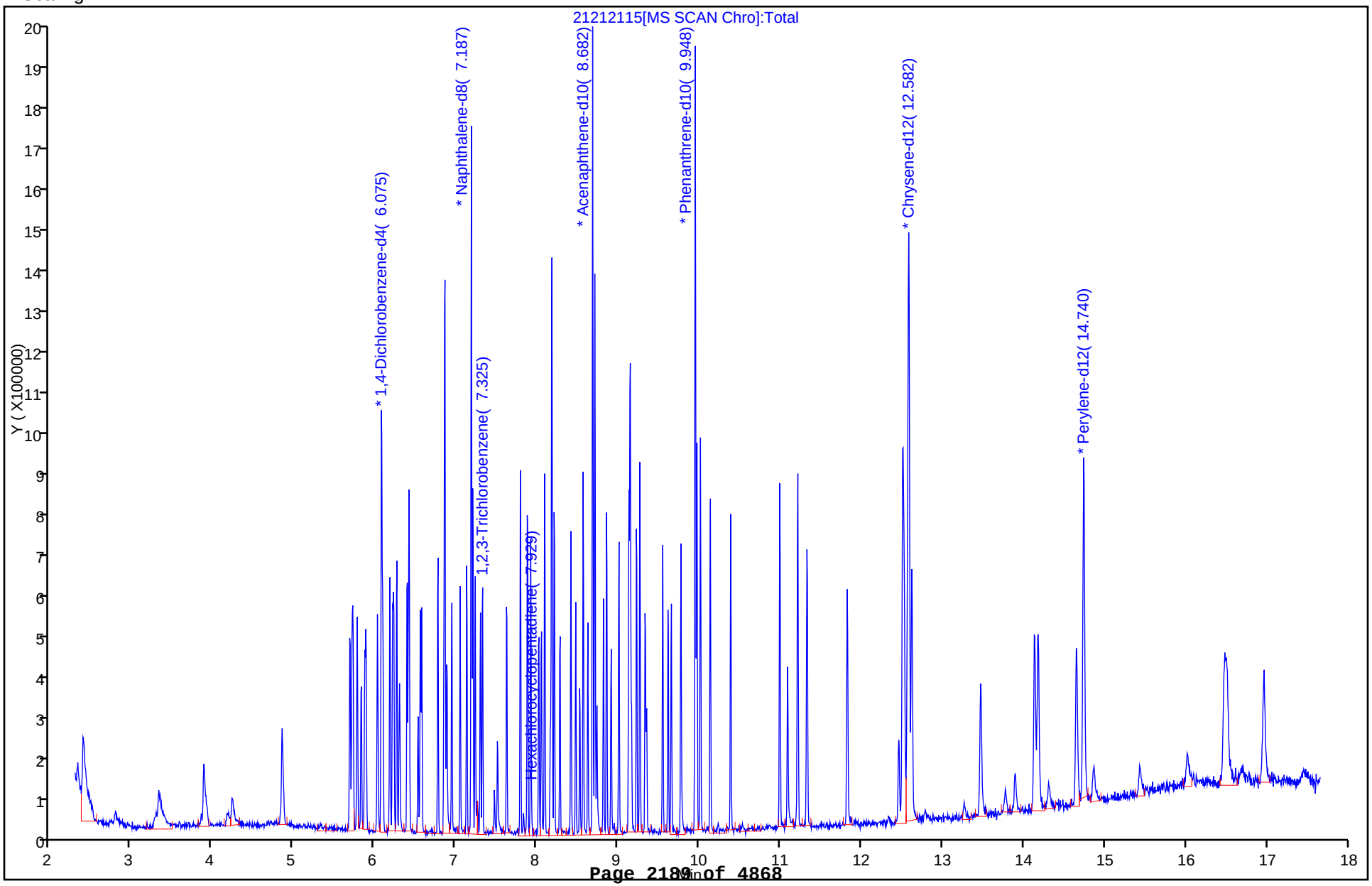
Report Date: 13-Dec-2012 11:43:43 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121212-15768.b\21212115.D

Injection Date:	12-Dec-2012 16:26:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68349	Lims Sample ID:	15
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



Manual Integration/User Assign Peak Report

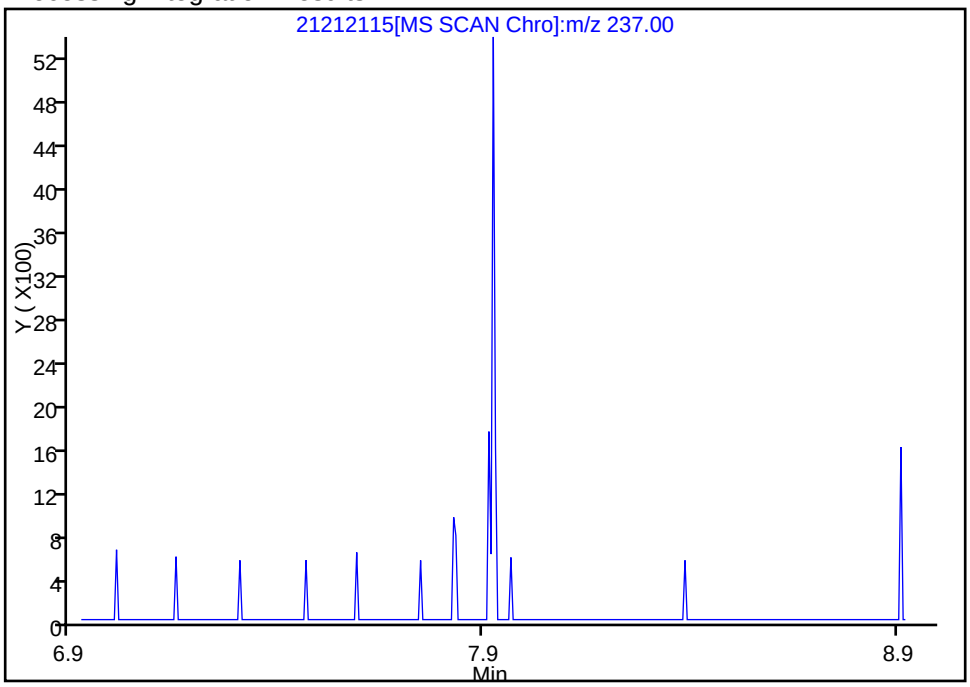
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121212-15768.b\21212115.D		
Injection Date:	12-Dec-2012 16:26:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68349	Lims Sample ID:	15
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

89 Hexachlorocyclopentadiene, Signal: 1, m/z: 237.0 Type: quant, RT: 7.92

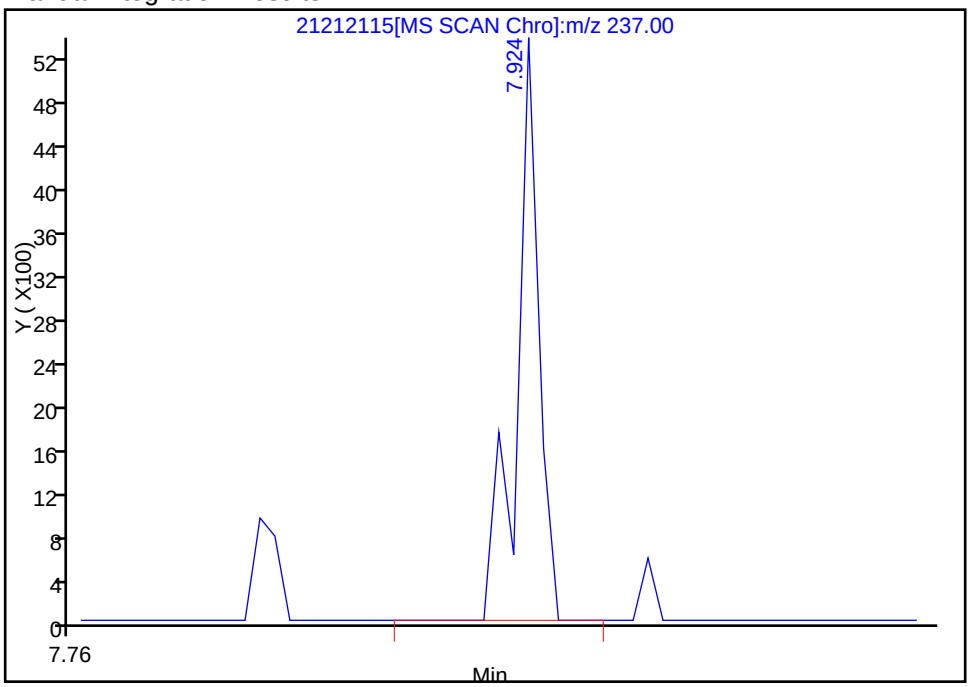
Processing Integration Results

Not Detected
Expected RT: 7.92



Manual Integration Results

RT: 7.92
Response: 2983
Amount: 0.100875



Reviewer: ulmanm, 13-Dec-2012 09:49:39
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: CCV 240-68588/2 Calibration Date: 12/13/2012 15:09

Instrument ID: A4HP9 Calib Start Date: 12/11/2012 12:10

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/11/2012 15:28

Lab File ID: 21213102.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Qua		0.7330		10.5	10.0	4.8	
N-Nitrosodimethylamine	Qua		1.032		10.8	10.0	7.6	
Pyridine	Ave	1.899	1.928		10.2	10.0	1.5	
Benzaldehyde	Ave	2.129	2.110		9.91	10.0	-0.9	
Phenol	Ave	2.416	2.421		10.0	10.0	0.2	
Aniline	Ave	2.926	2.991		10.2	10.0	2.2	
Bis(2-chloroethyl)ether	Ave	2.220	2.219		10.0	10.0	-0.0	
2-Chlorophenol	Ave	1.356	1.334		9.84	10.0	-1.6	
1,3-Dichlorobenzene	Ave	1.785	1.759		9.86	10.0	-1.4	
1,4-Dichlorobenzene	Ave	1.508	1.433		9.50	10.0	-5.0	
Benzyl alcohol	Ave	1.046	0.9602		9.18	10.0	-8.2	
1,2-Dichlorobenzene	Ave	1.701	1.666		9.79	10.0	-2.1	
2-Methylphenol	Ave	1.516	1.527		10.1	10.0	0.7	
3 & 4 Methylphenol	Ave	1.624	1.608		9.90	10.0	-1.0	
N-Nitrosodi-n-propylamine	Ave	1.615	1.613		9.99	10.0	-0.0	
Acetophenone	Ave	2.431	2.467		10.2	10.0	1.5	
Hexachloroethane	Ave	0.7781	0.7777		9.99	10.0	-0.0	
Nitrobenzene	Ave	0.7249	0.7445		10.3	10.0	2.7	
Isophorone	Ave	1.056	1.113		10.5	10.0	5.5	
2-Nitrophenol	Ave	0.1739	0.1755		10.1	10.0	0.9	
2,4-Dimethylphenol	Ave	0.4549	0.4653		10.2	10.0	2.3	
Benzoic acid	Qua		0.2101		19.2	20.0	-4.1	
Bis(2-chloroethoxy)methane	Ave	0.6949	0.6954		10.0	10.0	0.0	
2,4-Dichlorophenol	Ave	0.2648	0.2657		10.0	10.0	0.3	
1,2,4-Trichlorobenzene	Ave	0.3791	0.3793		10.0	10.0	0.0	
Naphthalene	Ave	1.020	0.9624		9.43	10.0	-5.7	
Hexachlorobutadiene	Ave	0.2075	0.2053		9.90	10.0	-1.0	
Caprolactam	Ave	0.1033	0.1246		12.1	10.0	20.6	
4-Chloro-3-methylphenol	Ave	0.3920	0.4021		10.3	10.0	2.6	
2-Methylnaphthalene	Ave	0.6859	0.6601		9.62	10.0	-3.8	
Hexachlorocyclopentadiene	Ave	0.3801	0.3885		10.2	10.0	2.2	
2,4,6-Trichlorophenol	Ave	0.3296	0.3375		10.2	10.0	2.4	
2,4,5-Trichlorophenol	Ave	0.3509	0.3506		9.99	10.0	-0.0	
1,1'-Biphenyl	Ave	1.370	1.365		9.96	10.0	-0.4	
2-Chloronaphthalene	Ave	1.237	1.281		10.4	10.0	3.5	
2-Nitroaniline	Ave	0.4702	0.5165		11.0	10.0	9.9	
Dimethyl phthalate	Ave	1.198	1.215		10.1	10.0	1.4	
2,6-Dinitrotoluene	Qua		0.3150		9.84	10.0	-1.6	
Acenaphthylene	Ave	1.742	1.803		10.4	10.0	3.5	
3-Nitroaniline	Ave	0.2802	0.3035		10.8	10.0	8.3	
2,4-Dinitrophenol	Qua		0.1752		18.6	20.0	-6.9	

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: CCV 240-68588/2 Calibration Date: 12/13/2012 15:09

Instrument ID: A4HP9 Calib Start Date: 12/11/2012 12:10

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/11/2012 15:28

Lab File ID: 21213102.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Acenaphthene	Ave	1.124	1.114		9.91	10.0	-0.9	
4-Nitrophenol	Ave	0.2223	0.2189		9.85	10.0	-1.5	
2,4-Dinitrotoluene	Ave	0.4097	0.4355		10.6	10.0	6.3	
Dibenzofuran	Ave	1.529	1.539		10.1	10.0	0.6	
Diethyl phthalate	Ave	1.198	1.238		10.3	10.0	3.3	
4-Chlorophenyl phenyl ether	Ave	0.7347	0.7507		10.2	10.0	2.2	
4-Nitroaniline	Qua		0.3126		9.84	10.0	-1.6	
Fluorene	Ave	1.287	1.285		9.98	10.0	-0.2	
4,6-Dinitro-2-methylphenol	Qua		0.1257		9.38	10.0	-6.2	
N-Nitrosodiphenylamine	Ave	0.5305	0.5455		10.3	10.0	2.8	
1,2-Diphenylhydrazine(as Azobenzene)	Ave	1.281	1.418		11.1	10.0	10.7	
4-Bromophenyl phenyl ether	Ave	0.2201	0.2327		10.6	10.0	5.7	
Hexachlorobenzene	Ave	0.2171	0.2319		10.7	10.0	6.8	
Atrazine	Ave	0.1567	0.1660		10.6	10.0	5.9	
Pentachlorophenol	Qua		0.1466		20.8	20.0	4.1	
Phenanthrene	Ave	1.093	1.089		9.96	10.0	-0.4	
Anthracene	Ave	1.055	1.107		10.5	10.0	4.9	
Carbazole	Ave	0.997	1.002		10.1	10.0	0.5	
Di-n-butyl phthalate	Ave	1.234	1.269		10.3	10.0	2.8	
Fluoranthene	Ave	1.170	1.213		10.4	10.0	3.7	
Benzidine	Qua		0.4608		8.89	10.0	-11.1	
Pyrene	Ave	1.200	1.156		9.63	10.0	-3.7	
Butyl benzyl phthalate	Ave	0.5018	0.5134		10.2	10.0	2.3	
3,3'-Dichlorobenzidine	Ave	0.3751	0.3794		10.1	10.0	1.1	
Bis(2-ethylhexyl) phthalate	Ave	0.7246	0.7247		10.0	10.0	0.0	
Benzo[a]anthracene	Ave	1.108	1.058		9.55	10.0	-4.5	
Chrysene	Ave	1.022	0.9792		9.58	10.0	-4.2	
Di-n-octyl phthalate	Qua		1.505		9.40	10.0	-6.0	
Benzo[b]fluoranthene	Ave	1.241	1.193		9.61	10.0	-3.9	
Benzo[k]fluoranthene	Ave	1.231	1.360		11.0	10.0	10.5	
Benzo[a]pyrene	Ave	1.113	1.167		10.5	10.0	4.8	
Indeno[1,2,3-cd]pyrene	Ave	1.227	1.269		10.3	10.0	3.5	
Dibenz(a,h)anthracene	Ave	1.035	1.029		9.95	10.0	-0.5	
Benzo[g,h,i]perylene	Ave	1.017	1.085		10.7	10.0	6.7	
2-Fluorophenol (Surr)	Ave	1.462	1.467		10.0	10.0	0.4	
Phenol-d5 (Surr)	Ave	2.119	2.162		10.2	10.0	2.0	
Nitrobenzene-d5 (Surr)	Ave	0.6785	0.7301		10.8	10.0	7.6	
2-Fluorobiphenyl (Surr)	Ave	1.541	1.528		9.92	10.0	-0.8	
2,4,6-Tribromophenol (Surr)	Ave	0.1212	0.1420		11.7	10.0	17.2	
Terphenyl-d14 (Surr)	Ave	0.8035	0.7974		9.92	10.0	-0.8	

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121213-15814.b\21213102.D
Lims ID: ccv tcl
Client ID:
Inject. Date: 13-Dec-2012 15:09:30
Dil. Factor: 1.0000
Sample Type: CCVIS
Sample ID: 240-0015814-002
Misc. Info.: CCV TCL =CCV TCL
Operator: 001574
Instrument ID: A4HP9
Injection Vol: 1.0 ul
ALS Bottle#: 2
Lims Batch ID: 68588
Lims Sample ID: 2
Sublist: chrom-8270 _9*sub13
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121213-15814.b\8270 _9.m
Last Update: 14-Dec-2012 09:41:09
Calib Date: 13-Dec-2012 11:31:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121213-15797.b\21213010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: 5% phenyl
Column Dia: 0.18 mm
Process Host: XAWRK024

First Level Reviewer: ulmanm
Date: 13-Dec-2012 15:53:01

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	6.049	6.049	0.0	84	108933	4.00	
* 2 Naphthalene-d8	136	7.160	7.160	0.0	99	427038	4.00	
* 3 Acenaphthene-d10	164	8.656	8.656	0.0	80	253875	4.00	
* 4 Phenanthrene-d10	188	9.917	9.917	0.0	75	429384	4.00	
* 5 Chrysene-d12	240	12.540	12.540	0.0	78	467361	4.00	
* 6 Perylene-d12	264	14.682	14.682	0.0	90	353376	4.00	
$ 7 2-Fluorophenol	112	4.809	4.809	0.0	92	399601	10.0	
$ 8 Phenol-d5	99	5.686	5.686	0.0	0	588705	10.2	
$ 9 Nitrobenzene-d5	82	6.530	6.530	0.0	80	779455	10.8	
$ 10 2-Fluorobiphenyl (Surr)	172	8.063	8.063	0.0	99	969609	9.92	
$ 11 2,4,6-Tribromophenol	330	9.318	9.318	0.0	68	90129	11.7	
$ 12 Terphenyl-d14	244	11.295	11.295	0.0	95	931735	9.92	
25 1,4-Dioxane	88	2.694	2.694	0.0	84	199610	10.5	M
26 N-Nitrosodimethylamine	74	3.191	3.191	0.0	83	281033	10.8	
27 Pyridine	79	3.234	3.234	0.0	88	525123	10.2	
28 Ethyl methacrylate	69	3.827	3.827	0.0	83	478689	10.0	
29 3-Chloropropionitrile	54	4.179	4.179	0.0	87	246864	11.6	
33 Malononitrile	66		4.580					
41 Benzaldehyde	77	5.654	5.654	0.0	84	574703	9.91	
43 Phenol	94	5.696	5.696	0.0	91	659383	10.0	
44 Aniline	93	5.744	5.744	0.0	96	814431	10.2	
69 Bis(2-chloroethyl)ether	93	5.798	5.798	0.0	94	604275	10.0	
46 2-Chlorophenol	128	5.857	5.857	0.0	89	363311	9.84	
47 1,3-Dichlorobenzene	146	5.995	5.995	0.0	83	479037	9.86	
48 1,4-Dichlorobenzene	146	6.060	6.060	0.0	78	390280	9.50	
49 Benzyl alcohol	108	6.150	6.150	0.0	84	261493	9.18	
50 1,2-Dichlorobenzene	146	6.198	6.198	0.0	80	453581	9.79	
51 2-Methylphenol	108	6.236	6.236	0.0	94	415789	10.1	
53 2,2'-oxybis[1-chloropropane]	45	6.273	6.273	0.0	96	622550	10.5	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
21 3 & 4 Methylphenol	108	6.364	6.364	0.0	92	437844	9.90	
57 N-Nitrosodi-n-propylamine	70	6.380	6.380	0.0	70	439395	10.0	
58 Acetophenone	105	6.391	6.391	0.0	84	671948	10.2	
61 Hexachloroethane	117	6.498	6.498	0.0	87	211779	10.0	
62 Nitrobenzene	77	6.546	6.546	0.0	74	794795	10.3	
64 Isophorone	82	6.743	6.743	0.0	95	1188454	10.5	
66 2-Nitrophenol	139	6.818	6.818	0.0	85	187363	10.1	
67 1,3,5-Trichlorobenzene	180	6.829	6.829	0.0	81	396053	9.59	
65 2,4-Dimethylphenol	107	6.834	6.834	0.0	96	496768	10.2	
71 Benzoic acid	122	6.888	6.888	0.0	83	448681	19.2	
70 Bis(2-chloroethoxy)methane	93	6.920	6.920	0.0	97	742381	10.0	
73 2,4-Dichlorophenol	162	7.021	7.021	0.0	90	283607	10.0	
74 1,2,4-Trichlorobenzene	180	7.101	7.101	0.0	82	404937	10.0	
75 Naphthalene	128	7.176	7.176	0.0	98	1027412	9.43	
76 4-Chloroaniline	127	7.208	7.208	0.0	77	445993	10.1	
79 Hexachlorobutadiene	225	7.272	7.272	0.0	88	219197	9.90	
80 1,2,3-Trichlorobenzene	180	7.294	7.294	0.0	79	368322	0	
84 Caprolactam	113	7.486	7.486	0.0	76	133023	12.1	
86 4-Chloro-3-methylphenol	107	7.598	7.598	0.0	79	429260	10.3	
87 2-Methylnaphthalene	142	7.764	7.764	0.0	85	704663	9.62	
88 1-Methylnaphthalene	142	7.849	7.849	0.0	82	679549	10.1	
90 1,2,3,5-Tetrachlorobenzene	216	7.892	7.892	0.0	83	398455	10.4	
89 Hexachlorocyclopentadiene	237	7.892	7.892	0.0	70	246585	10.2	
92 2,4,6-Trichlorophenol	196	7.993	7.993	0.0	87	214190	10.2	
93 2,4,5-Trichlorophenol	196	8.025	8.025	0.0	90	222492	10.0	
97 2,4-Toluene diamine	121	8.132	8.132	0.0	96	221395	11.1	
99 1,2,3,4 -Tetrachlorobenzene	216	8.148	8.148	0.0	79	388590	0	
98 1,1'-Biphenyl	154	8.154	8.154	0.0	95	866288	9.96	
100 2-Chloronaphthalene	162	8.180	8.180	0.0	93	812935	10.4	
102 2-Nitroaniline	65	8.250	8.250	0.0	69	327807	11.0	
105 Dimethyl phthalate	163	8.389	8.389	0.0	93	770828	10.1	
107 2,6-Dinitrotoluene	165	8.447	8.447	0.0	70	199937	9.84	
108 1,2-Dinitrobenzene	168	8.501	8.501	0.0	81	103176	10.1	
109 Acenaphthylene	152	8.538	8.538	0.0	87	1144213	10.4	
110 3-Nitroaniline	138	8.597	8.597	0.0	86	192615	10.8	
112 Acenaphthene	153	8.683	8.683	0.0	87	706930	9.91	
111 2,4-Dinitrophenol	184	8.683	8.683	0.0	68	222444	18.6	
113 4-Nitrophenol	109	8.709	8.709	0.0	84	138952	9.85	
114 2,4-Dinitrotoluene	165	8.789	8.789	0.0	72	276433	10.6	
116 Dibenzofuran	168	8.827	8.827	0.0	85	976855	10.1	
118 2,3,5,6-Tetrachlorophenol	232	8.886	8.886	0.0	82	186673	10.2	
121 Diethyl phthalate	149	8.982	8.982	0.0	94	785479	10.3	
123 4-Chlorophenyl phenyl ether	204	9.099	9.099	0.0	92	476480	10.2	
125 4-Nitroaniline	138	9.115	9.115	0.0	77	198396	9.84	
126 Fluorene	166	9.121	9.121	0.0	65	815309	9.98	
128 4,6-Dinitro-2-methylphenol	198	9.137	9.137	0.0	72	134923	9.38	
131 N-Nitrosodiphenylamine	169	9.195	9.195	0.0	94	585606	10.3	
132 1,2-Diphenylhydrazine	77	9.238	9.238	0.0	100	1522484	11.1	
133 Azobenzene	77	9.238	9.238	0.0	93	1522484	11.1	
139 4-Bromophenyl phenyl ether	248	9.521	9.521	0.0	68	249760	10.6	
141 Hexachlorobenzene	284	9.585	9.585	0.0	79	248892	10.7	
142 Atrazine	200	9.628	9.628	0.0	82	178169	10.6	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
143 Pentachlorophenol	266	9.740	9.740	0.0	73	314733	20.8	
148 Phenanthrene	178	9.938	9.938	0.0	82	1168491	9.96	
149 Anthracene	178	9.986	9.986	0.0	83	1188015	10.5	
151 Carbazole	167	10.104	10.104	0.0	83	1075954	10.1	
154 Di-n-butyl phthalate	149	10.360	10.360	0.0	100	1362030	10.3	
159 Fluoranthene	202	10.958	10.958	0.0	76	1302541	10.4	
160 Benzidine	184	11.054	11.054	0.0	87	538357	8.89	
161 Pyrene	202	11.177	11.177	0.0	72	1350718	9.63	
168 Butyl benzyl phthalate	149	11.786	11.786	0.0	90	599850	10.2	
172 3,3'-Dimethoxybenzidine	244	12.417	12.417	0.0	84	270214	9.14	
174 4,4'-Methylene bis(2-chloroanili	231	12.465	12.465	0.0	69	232147	9.84	
175 3,3'-Dichlorobenzidine	252	12.465	12.465	0.0	74	443292	10.1	
173 Bis(2-ethylhexyl) phthalate	149	12.481	12.481	0.0	95	846706	10.0	
177 Benzo[a]anthracene	228	12.524	12.524	0.0	82	1236685	9.55	
178 Chrysene	228	12.577	12.577	0.0	81	1144145	9.58	
180 Di-n-octyl phthalate	149	13.421	13.421	0.0	99	1329655	9.40	
182 Benzo[b]fluoranthene	252	14.083	14.083	0.0	82	1054329	9.61	
183 Benzo[k]fluoranthene	252	14.126	14.126	0.0	74	1201274	11.0	
184 Benzo[a]pyrene	252	14.596	14.596	0.0	76	1031131	10.5	
188 Indeno[1,2,3-cd]pyrene	276	16.402	16.402	0.0	76	1121311	10.3	
189 Dibenz(a,h)anthracene	278	16.429	16.429	0.0	68	909359	9.95	
190 Benzo[g,h,i]perylene	276	16.888	16.888	0.0	79	958587	10.7	
S 191 Methyl Phenols,Total	100				0		20.0	

QC Flag Legend

Review Flags
M - Manually Integrated

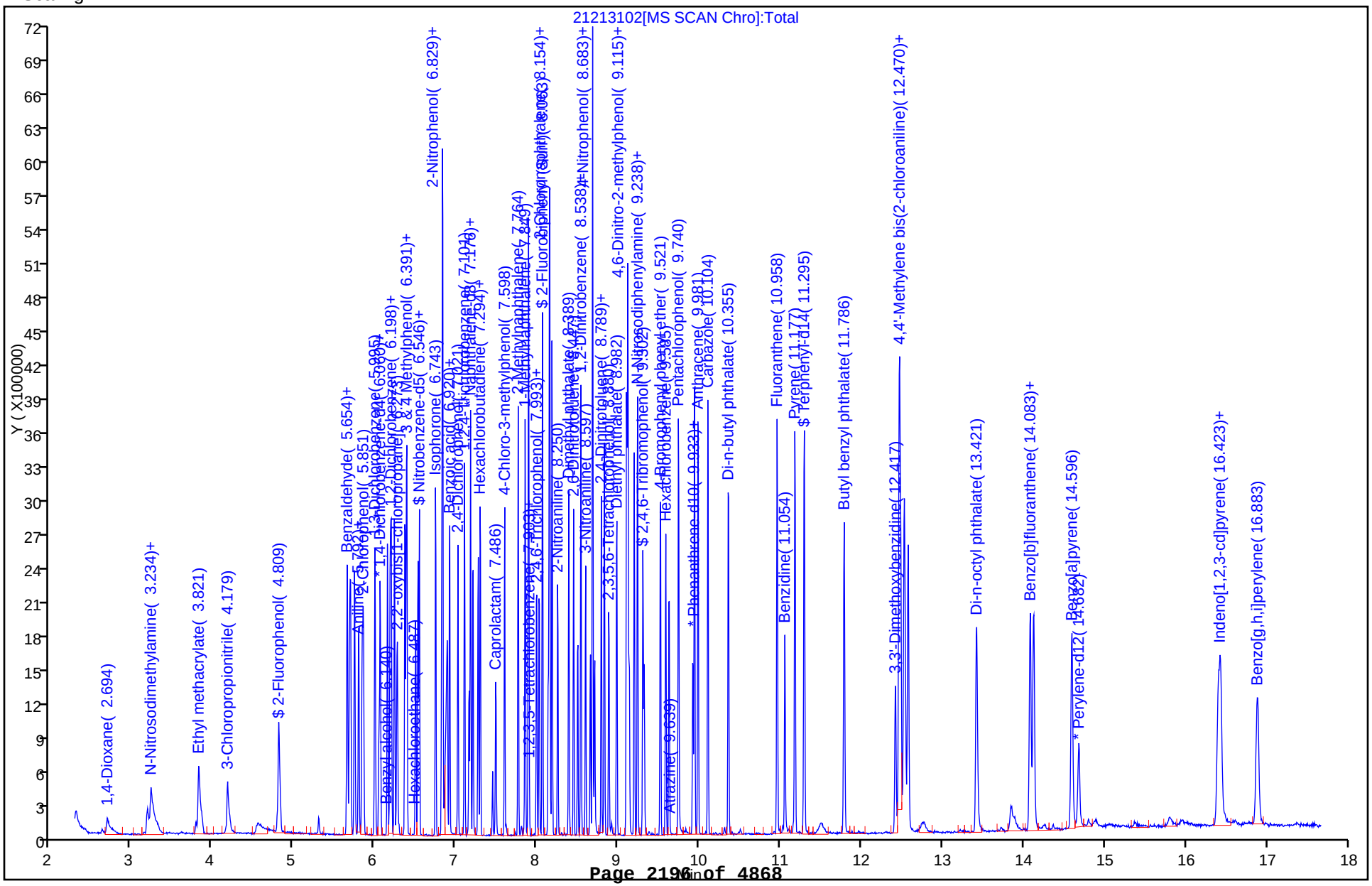
Report Date: 14-Dec-2012 09:41:09 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121213-15814.b\21213102.D

Injection Date:	13-Dec-2012 15:09:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68588	Lims Sample ID:	2
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



Manual Integration/User Assign Peak Report

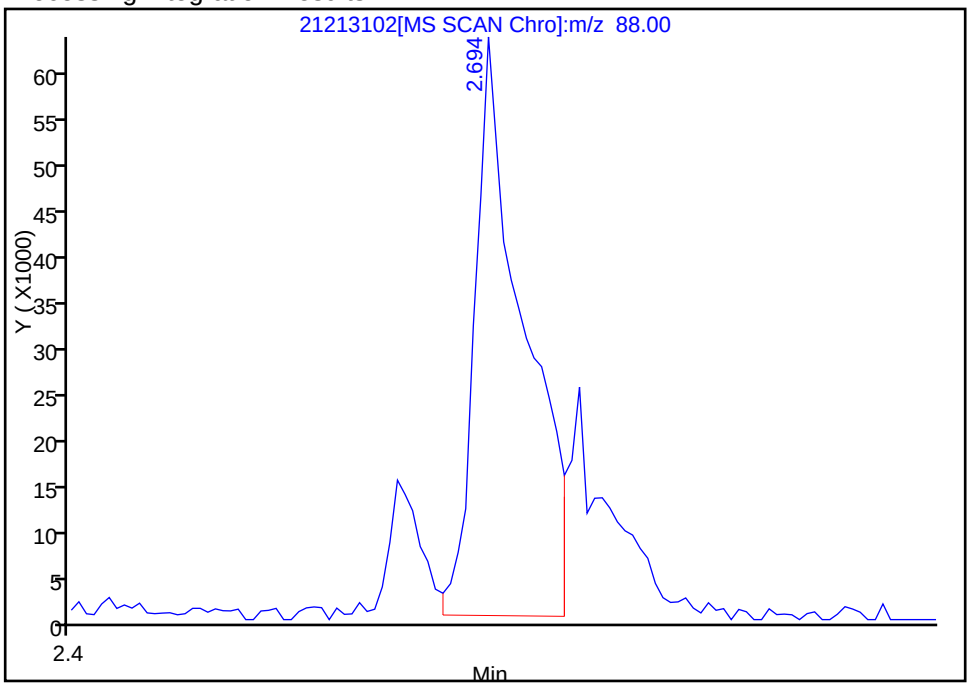
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121213-15814.b\21213102.D		
Injection Date:	13-Dec-2012 15:09:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68588	Lims Sample ID:	2
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

25 1,4-Dioxane, Signal: 1, m/z: 88.0 Type: quant, RT: 2.69

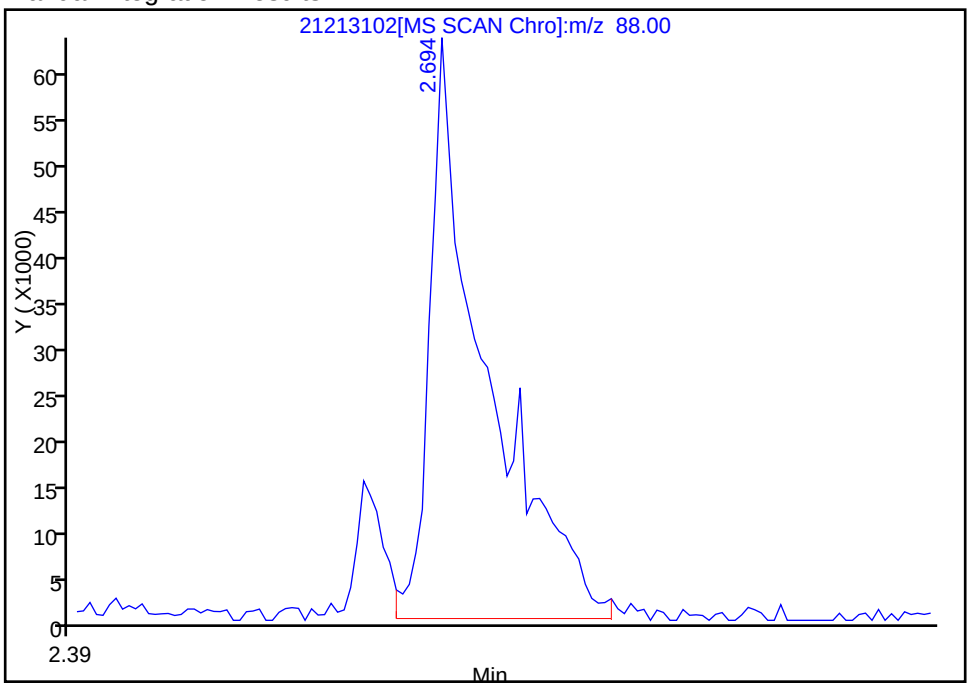
Processing Integration Results

RT: 2.69
Response: 150664
Amount: 7.872226



Manual Integration Results

RT: 2.69
Response: 199610
Amount: 10.478758



Reviewer: ulmanm, 13-Dec-2012 15:53:01
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: mdll1 Calibration Date: 12/13/2012 18:52

Instrument ID: A4HP9 Calib Start Date: 12/11/2012 12:10

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/11/2012 15:28

Lab File ID: 21213111.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Naphthalene	Ave	1.020			0.117	0.100		
2-Methylnaphthalene	Ave	0.6859			0.135	0.100		
1,1'-Biphenyl	Ave	1.370			0.152	0.100		
2-Chloronaphthalene	Ave	1.237			0.126	0.100		
Acenaphthylene	Ave	1.742			0.142	0.100		
Acenaphthene	Ave	1.124			0.149	0.100		
Fluorene	Ave	1.287			0.141	0.100		
Phenanthrene	Ave	1.093			0.155	0.100		
Anthracene	Ave	1.055			0.124	0.100		
Fluoranthene	Ave	1.170			0.144	0.100		
Pyrene	Ave	1.200			0.150	0.100		
Benzo[a]anthracene	Ave	1.108			0.156	0.100		
Chrysene	Ave	1.022			0.156	0.100		
Benzo[b]fluoranthene	Ave	1.241			0.136	0.100		
Benzo[k]fluoranthene	Ave	1.231			0.158	0.100		
Benzo[a]pyrene	Ave	1.113			0.137	0.100		
Indeno[1,2,3-cd]pyrene	Ave	1.227			0.123	0.100		
Dibenz(a,h)anthracene	Ave	1.035			0.111	0.100		
Benzo[g,h,i]perylene	Ave	1.017			0.119	0.100		
1,2,4-Trichlorobenzene	Ave	0.3791			0.000800	0.100		
1,2-Dichlorobenzene	Ave	1.701			0.000800	0.100		
1,2-Diphenylhydrazine(as Azobenzene)	Ave	1.281			0.000800	0.100		
1,3-Dichlorobenzene	Ave	1.785			0.000800	0.100		
1,4-Dichlorobenzene	Ave	1.508			0.000800	0.100		
1,4-Dioxane	Qua				0.000800	0.100		
2,4,5-Trichlorophenol	Ave	0.3509			0.000800	0.100		
2,4,6-Trichlorophenol	Ave	0.3296			0.000800	0.100		
2,4-Dichlorophenol	Ave	0.2648			0.000800	0.100		
2,4-Dimethylphenol	Ave	0.4549			0.000800	0.100		
2,4-Dinitrophenol	Qua				0.00240	0.200		
2,4-Dinitrotoluene	Ave	0.4097			0.000800	0.100		
2,6-Dinitrotoluene	Qua				0.000800	0.100		
2-Chlorophenol	Ave	1.356			0.000800	0.100		
2-Methylphenol	Ave	1.516			0.000800	0.100		

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: mdll1 Calibration Date: 12/13/2012 18:52

Instrument ID: A4HP9 Calib Start Date: 12/11/2012 12:10

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/11/2012 15:28

Lab File ID: 21213111.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Nitroaniline	Ave	0.4702			0.000800	0.100		
2-Nitrophenol	Ave	0.1739			0.000800	0.100		
3 & 4 Methylphenol	Ave	1.624			0.000800	0.100		
3,3'-Dichlorobenzidine	Ave	0.3751			0.000800	0.100		
3-Nitroaniline	Ave	0.2802			0.000800	0.100		
4,6-Dinitro-2-methylphenol	Qua				0.00240	0.100		
4-Bromophenyl phenyl ether	Ave	0.2201			0.000800	0.100		
4-Chloro-3-methylphenol	Ave	0.3920			0.000800	0.100		
4-Chlorophenyl phenyl ether	Ave	0.7347			0.000800	0.100		
4-Nitroaniline	Qua				0.000800	0.100		
4-Nitrophenol	Ave	0.2223			0.00240	0.100		
Acetophenone	Ave	2.431			0.000800	0.100		
Aniline	Ave	2.926			0.00240	0.100		
Atrazine	Ave	0.1567			0.000800	0.100		
Benzaldehyde	Ave	2.129			0.000800	0.100		
Benzidine	Qua				0.00240	0.100		
Benzoic acid	Qua				0.0100	0.200		
Benzyl alcohol	Ave	1.046			0.000800	0.100		
Bis(2-chloroethoxy)methane	Ave	0.6949			0.000800	0.100		
Bis(2-chloroethyl)ether	Ave	2.220			0.000100	0.100		
Bis(2-ethylhexyl) phthalate	Ave	0.7246			0.000800	0.100		
Butyl benzyl phthalate	Ave	0.5018			0.000800	0.100		
Caprolactam	Ave	0.1033			0.000800	0.100		
Carbazole	Ave	0.997			0.000800	0.100		
Dibenzofuran	Ave	1.529			0.000100	0.100		
Diethyl phthalate	Ave	1.198			0.000800	0.100		
Dimethyl phthalate	Ave	1.198			0.000800	0.100		
Di-n-butyl phthalate	Ave	1.234			0.000800	0.100		
Di-n-octyl phthalate	Qua				0.000800	0.100		
Hexachlorobenzene	Ave	0.2171			0.000100	0.100		

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: mdll1 Calibration Date: 12/13/2012 18:52

Instrument ID: A4HP9 Calib Start Date: 12/11/2012 12:10

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/11/2012 15:28

Lab File ID: 21213111.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Hexachlorobutadiene	Ave	0.2075			0.000800	0.100		
Hexachlorocyclopentadiene	Ave	0.3801			0.000800	0.100		
Hexachloroethane	Ave	0.7781			0.000800	0.100		
Isophorone	Ave	1.056			0.000800	0.100		
Nitrobenzene	Ave	0.7249			0.000100	0.100		
N-Nitrosodimethylamine	Qua				0.000800	0.100		
N-Nitrosodi-n-propylamine	Ave	1.615			0.000800	0.100		
N-Nitrosodiphenylamine	Ave	0.5305			0.000800	0.100		
Pentachlorophenol	Qua				0.00240	0.200		
Phenol	Ave	2.416			0.000800	0.100		
Pyridine	Ave	1.899			0.000800	0.100		
Nitrobenzene-d5 (Surr)	Ave	0.6785			0.149	0.100	149*	35-100
2-Fluorobiphenyl (Surr)	Ave	1.541			0.141	0.100	141*	45-105
Terphenyl-d14 (Surr)	Ave	0.8035			0.163	0.100	163*	30-125
2,4,6-Tribromophenol (Surr)	Ave	0.1212			0.000000	0.100	0*	35-125
2-Fluorophenol (Surr)	Ave	1.462			0.000000	0.100	0*	35-105
Phenol-d5 (Surr)	Ave	2.119			0.000000	0.100	0*	40-100

Report Date: 14-Dec-2012 10:56:09 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121213-15814.b\21213111.D
Lims ID: mdll1 Client ID:
Inject. Date: 13-Dec-2012 18:52:30 Dil. Factor: 1.0000
Sample Type: LODV
Sample ID: 240-0015814-011
Misc. Info.: MDLL1 =MDLL1
Operator: 001574 Instrument ID: A4HP9
Injection Vol: 1.0 ul ALS Bottle#: 11
Lims Batch ID: 68588 Lims Sample ID: 11
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121213-15814.b\8270 _9.m
Last Update: 14-Dec-2012 10:56:03 Calib Date: 13-Dec-2012 11:31:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121213-15797.b\21213010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: 5% phenyl Column Dia: 0.18 mm
Process Host: XAWRK024

First Level Reviewer: ulmanm Date: 14-Dec-2012 09:20:12

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	6.045	6.046	-0.001	93	136730	4.00	
* 2 Naphthalene-d8	136	7.156	7.158	-0.002	98	538288	4.00	
* 3 Acenaphthene-d10	164	8.652	8.653	-0.001	66	324321	4.00	
* 4 Phenanthrene-d10	188	9.918	9.919	-0.001	78	574326	4.00	
* 5 Chrysene-d12	240	12.541	12.537	0.004	79	567394	4.00	
* 6 Perylene-d12	264	14.678	14.685	-0.007	83	454613	4.00	
$ 7 2-Fluorophenol	112		4.809					9
$ 8 Phenol-d5	99		5.686					
$ 9 Nitrobenzene-d5	82	6.526	6.530	-0.004	58	13601	0.1490	
$ 10 2-Fluorobiphenyl (Surr)	172	8.064	8.063	0.001	77	17567	0.1406	
$ 11 2,4,6-Tribromophenol	330		9.318					
$ 12 Terphenyl-d14	244	11.291	11.295	-0.004	63	18575	0.1630	
20 Dimethylformamide	1		0.000					
23 2,5-Dichlorophenol	1		0.000					
18 Bis(4-hydroxyphenyl)methane	1		0.000					
19 Octachlorostyrene	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
22 Bis(2-hydroxyphenyl)methane	1		0.000					
13 Octachlorocyclopentene	1		0.000					
25 1,4-Dioxane	88		2.694					
35 Acrylamide	71		2.744					
26 N-Nitrosodimethylamine	74		3.191					9
27 Pyridine	79		3.234					9
42 Phenylmercaptan	110		3.596					
28 Ethyl methacrylate	69		3.827					
232 1-Methyl-2-pyrrilidinone	99		3.880					14
52 Indene	115		4.084					
29 3-Chloropropionitrile	54		4.179					9
31 2-Picoline	93		4.193					9
32 N-Nitrosomethylethylamine	88		4.326					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
17 4-Chlorophenol	128		4.500					9
33 Malononitrile	66		4.580					9
24 Catechol	110		4.592					9
34 Methyl methanesulfonate	80		4.647					
30 3-Picoline	93		4.705					9
233 n,n'-Dimethylacetamide	44		4.727					
15 3-Methylcatechol	124		4.913					
14 4-Methylcatechol	124		5.036					
81 Benzothiazole	135		5.046					
36 N-Nitrosodiethylamine	102		5.047					
82 Quinoline	129		5.099					
37 Ethyl methanesulfonate	79		5.331					9
38 2-Methylcyclohexanone	68		5.544					
39 3-Methylcyclohexanone	69		5.582					
40 4-Methylcyclohexanone	55		5.630					
41 Benzaldehyde	77		5.654					
43 Phenol	94		5.696					
96 3,4-Dichloronitrobenzene	109		5.725					
44 Aniline	93		5.744					
101 Phenyl ether	170		5.773					
45 Pentachloroethane	167		5.795					
69 Bis(2-chloroethyl)ether	93		5.798					
46 2-Chlorophenol	128		5.857					9
47 1,3-Dichlorobenzene	146		5.995					
48 1,4-Dichlorobenzene	146		6.060					
49 Benzyl alcohol	108		6.150					
50 1,2-Dichlorobenzene	146		6.198					
51 2-Methylphenol	108		6.236					
53 2,2'-oxybis[1-chloropropane]	45		6.273					
21 3 & 4 Methylphenol	108		6.364					
56 N-Nitrosopyrrolidine	100		6.367					
57 N-Nitrosodi-n-propylamine	70		6.380					9
58 Acetophenone	105		6.391					
59 N-Nitrosomorpholine	56		6.399					9
60 2-Toluidine	106		6.420					9
61 Hexachloroethane	117		6.498					9
62 Nitrobenzene	77		6.546					
63 N-Nitrosopiperidine	114		6.677					
64 Isophorone	82		6.743					
66 2-Nitrophenol	139		6.818					9
67 1,3,5-Trichlorobenzene	180		6.829					
65 2,4-Dimethylphenol	107		6.834					
71 Benzoic acid	122		6.888					9
68 o,o',o''-Triethylphosphorothioat	198		6.890					
70 Bis(2-chloroethoxy)methane	93		6.920					
72 alpha,alpha-Dimethyl phenethylam	58		7.013					9
73 2,4-Dichlorophenol	162		7.021					9
74 1,2,4-Trichlorobenzene	180		7.101					9
75 Naphthalene	128	7.178	7.176	0.002	2	16069	0.1171	
76 4-Chloroaniline	127		7.208					
77 2,6-Dichlorophenol	162		7.216					
78 Hexachloropropene	213		7.248					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
79 Hexachlorobutadiene	225		7.272					9
80 1,2,3-Trichlorobenzene	180		7.294					
83 N-Nitrosodi-n-butylamine	84		7.478					
84 Caprolactam	113		7.486					9
85 p-Phenylene diamine	108		7.505					9
86 4-Chloro-3-methylphenol	107		7.598					
153 Diphenylsulfone	125		7.616					
94 Safrole, Total	162		7.670					
87 2-Methylnaphthalene	142	7.765	7.764	0.001	65	12461	0.1350	
88 1-Methylnaphthalene	142	7.851	7.849	0.002	61	13067	0.1542	
90 1,2,3,5-Tetrachlorobenzene	216		7.892					
89 Hexachlorocyclopentadiene	237		7.892					
91 1,2,4,5-Tetrachlorobenzene	216		7.905					
225 Isosafrole Peak 1	162		7.921					
92 2,4,6-Trichlorophenol	196		7.993					9
93 2,4,5-Trichlorophenol	196		8.025					
227 Isosafrole Peak 2	162		8.114					9
97 2,4-Toluene diamine	121		8.132					
99 1,2,3,4 -Tetrachlorobenzene	216		8.148					9
98 1,1'-Biphenyl	154	8.155	8.154	0.001	57	16913	0.1523	
100 2-Chloronaphthalene	162	8.182	8.180	0.002	80	12677	0.1264	
102 2-Nitroaniline	65		8.250					9
103 1,4-Naphthoquinone	158		8.322					
104 1,4-Dinitrobenzene	168		8.365					
105 Dimethyl phthalate	163		8.389					
106 1,3-Dinitrobenzene	168		8.424					9
107 2,6-Dinitrotoluene	165		8.447					9
108 1,2-Dinitrobenzene	168		8.501					
109 Acenaphthylene	152	8.535	8.538	-0.003	77	20013	0.1417	
110 3-Nitroaniline	138		8.597					9
112 Acenaphthene	153	8.684	8.683	0.001	71	13603	0.1493	
111 2,4-Dinitrophenol	184		8.683					
113 4-Nitrophenol	109		8.709					9
114 2,4-Dinitrotoluene	165		8.789					9
115 Pentachlorobenzene	250		8.792					
116 Dibenzofuran	168		8.827					
118 2,3,5,6-Tetrachlorophenol	232		8.886					9
117 1-Naphthylamine	143		8.888					9
119 2,3,4,6-Tetrachlorophenol	232		8.920					9
120 2-Naphthylamine	143		8.958					9
121 Diethyl phthalate	149		8.982					
122 Thionazin	97		9.054					
123 4-Chlorophenyl phenyl ether	204		9.099					
124 N-Nitro-o-toluidine	152		9.113					
125 4-Nitroaniline	138		9.115					
126 Fluorene	166	9.117	9.121	-0.004	53	14738	0.1412	
128 4,6-Dinitro-2-methylphenol	198		9.137					
127 Tributyl phosphate	99		9.139					9
131 N-Nitrosodiphenylamine	169		9.195					9
130 Diphenylamine	169		9.198					9
176 Hexabromobenzene	232		9.208					
132 1,2-Diphenylhydrazine	77		9.238					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
133 Azobenzene	77		9.238					
134 Sulfotepp	202		9.305					9
135 1,3,5-Trinitrobenzene	213		9.391					
137 Phenacetin	108		9.433					
228 Diallate Peak 1	86		9.433					9
138 Phorate	121		9.444					
230 Diallate Peak 2	86		9.513					
139 4-Bromophenyl phenyl ether	248		9.521					9
179 6-Methylchrysene	242		9.576					
141 Hexachlorobenzene	284		9.585					9
140 Dimethoate	87		9.588					
142 Atrazine	200		9.628					9
129 4-Aminobiphenyl	169		9.738					9
143 Pentachlorophenol	266		9.740					9
145 Pentachloronitrobenzene	237		9.754					
144 Pronamide	173		9.759					
147 Dinoseb	211		9.877					
146 Disulfoton	88		9.882					9
148 Phenanthrene	178	9.940	9.938	0.002	21	24310	0.1548	
149 Anthracene	178	9.982	9.986	-0.004	73	18858	0.1245	
150 DFTPP								
151 Carbazole	167		10.104					
152 Methyl parathion	109		10.203					9
154 Di-n-butyl phthalate	149		10.360					
155 Ethyl Parathion	97		10.523					9
156 4-Nitroquinoline-1-oxide	190		10.582					
157 Methapyrilene	58		10.625					9
158 Isodrin	66		10.828					
159 Fluoranthene	202	10.955	10.958	-0.003	58	24178	0.1439	
160 Benzidine	184		11.054					9
161 Pyrene	202	11.179	11.177	0.002	69	25561	0.1502	
166 4,4'-DDE	246		11.233					
226 Aramite Peak 1	185		11.244					9
229 Aramite Peak 2	185		11.319					9
163 p-Dimethylamino azobenzene	225		11.431					
164 Chlorobenzilate	139		11.463					
165 4,4'-DDD	235		11.618					9
187 Dibenz[a,h]acridine	279		11.729					
167 Famphur	218		11.736					
168 Butyl benzyl phthalate	149		11.786					9
169 3,3'-Dimethylbenzidine	212		11.794					
186 Dibenz[a,j]acridine	279		11.804					
170 4,4'-DDT	235		11.917					
171 2-Acetylaminofluorene	181		12.094					
172 3,3'-Dimethoxybenzidine	244		12.417					9
174 4,4'-Methylene bis(2-chloroanili	231		12.465					9
175 3,3'-Dichlorobenzidine	252		12.465					9
173 Bis(2-ethylhexyl) phthalate	149		12.481					
177 Benzo[a]anthracene	228	12.525	12.524	0.001	73	24568	0.1563	
178 Chrysene	228	12.579	12.577	0.002	59	22548	0.1556	
180 Di-n-octyl phthalate	149		13.421					
181 7,12-Dimethylbenz(a)anthracene	256		14.065					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
182 Benzo[b]fluoranthene	252	14.085	14.083	0.002	65	19214	0.1362	
183 Benzo[k]fluoranthene	252	14.117	14.126	-0.009	23	22054	0.1577	
184 Benzo[a]pyrene	252	14.598	14.596	0.002	32	17275	0.1365	
185 3-Methylcholanthrene	268		15.139					
188 Indeno[1,2,3-cd]pyrene	276	16.409	16.402	0.007	1	17213	0.1235	M
189 Dibenz(a,h)anthracene	278	16.425	16.429	-0.004	0	13070	0.1111	M
190 Benzo[g,h,i]perylene	276	16.879	16.888	-0.009	0	13706	0.1186	M
S 191 Methyl Phenols,Total	100		0.000					7
S 95 Isosafrole	162		5.568					7
S 136 Diallate	86		6.701					7
S 162 Aramite, Total	185		8.271					7
T 192 Octadecane (TIC)	57		0.000					
T 195 Hydroquinone TIC	110		0.000					1
T 194 Decane TIC	57		0.000					1
T 240 Trimethyl phosphate TIC	110		3.120					1
T 234 2-Isopropylphenol TIC	121		4.623					1
T 236 3-isopropylphenol TIC	121		4.756					1
T 235 4-isopropylphenol TIC	121		4.756					1
T 193 Hexamethylphosphoramide TIC	135		5.100					1
T 237 3-(1,1-Dimethylethyl Phenol) TIC	135		5.110					1
T 196 Kepone TIC	272		8.281					1
T 242 Triphenyl Phosphate TIC	326		8.700					1
T 238 2,3,7,8-TCDD TIC	1		9.000					1
T 231 2,3,7,8-TCDD	322		9.150					1
T 197 Hexachlorophene TIC	198		9.269					1
T 241 Tricresyl phosphate TIC	368		9.372					1
T 239 Tris(2,3-dibromopropyl)phosphate	201		10.600					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
4 - Failed Signal Ratio Test
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

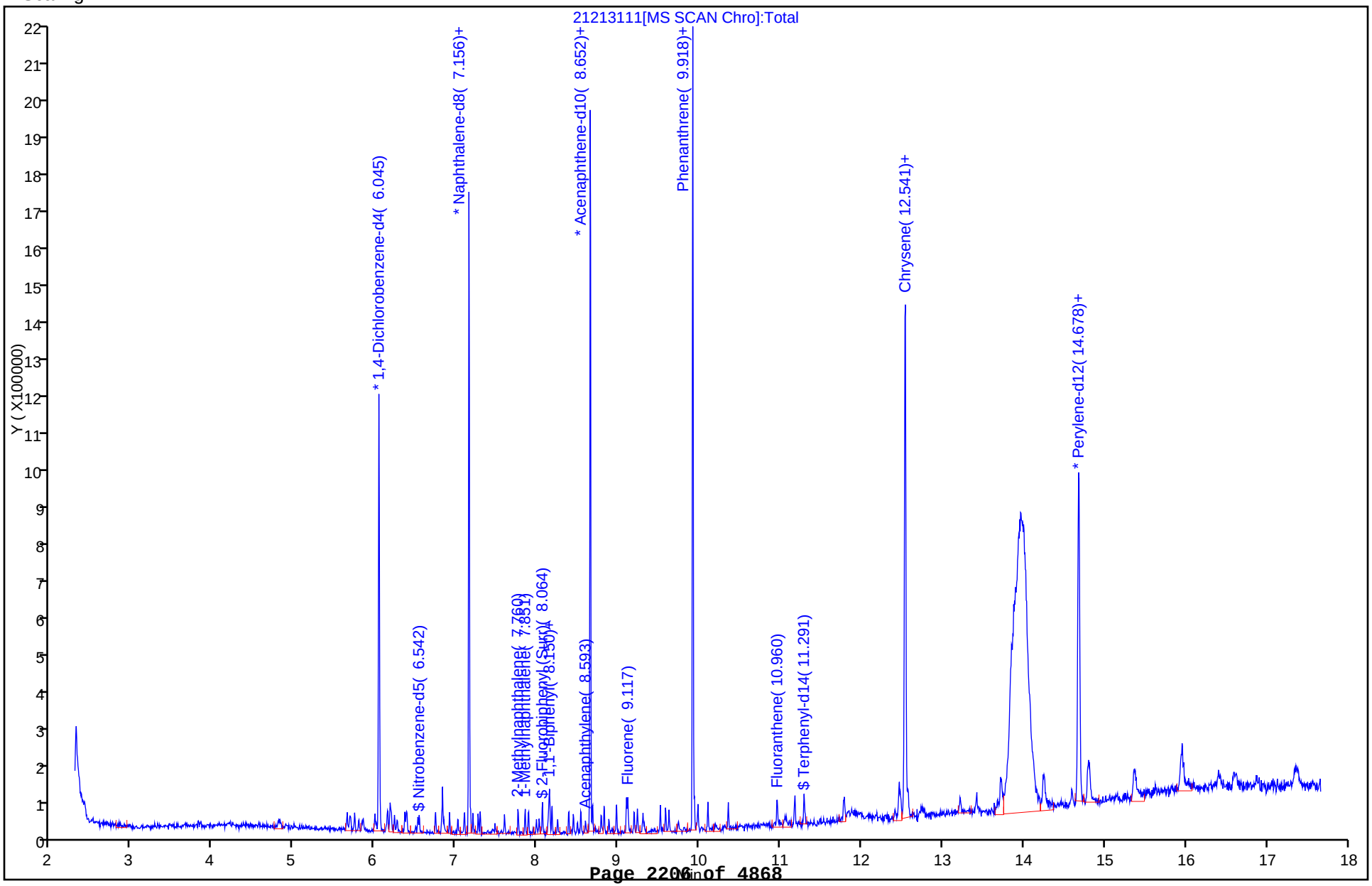
Review Flags
M - Manually Integrated

Report Date: 14-Dec-2012 10:56:09 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121213-15814.b\21213111.D		
Injection Date:	13-Dec-2012 18:52:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68588	Lims Sample ID:	11
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



Manual Integration/User Assign Peak Report

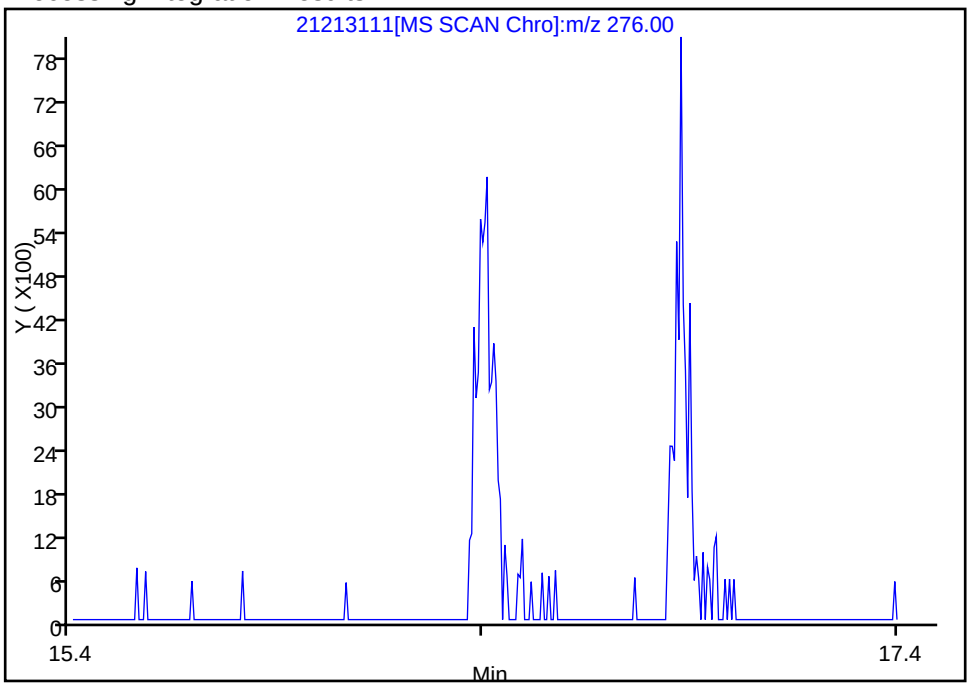
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121213-15814.b\21213111.D		
Injection Date:	13-Dec-2012 18:52:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68588	Lims Sample ID:	11
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

188 Indeno[1,2,3-cd]pyrene, Signal: 1, m/z: 276.0 Type: quant, RT: 16.40

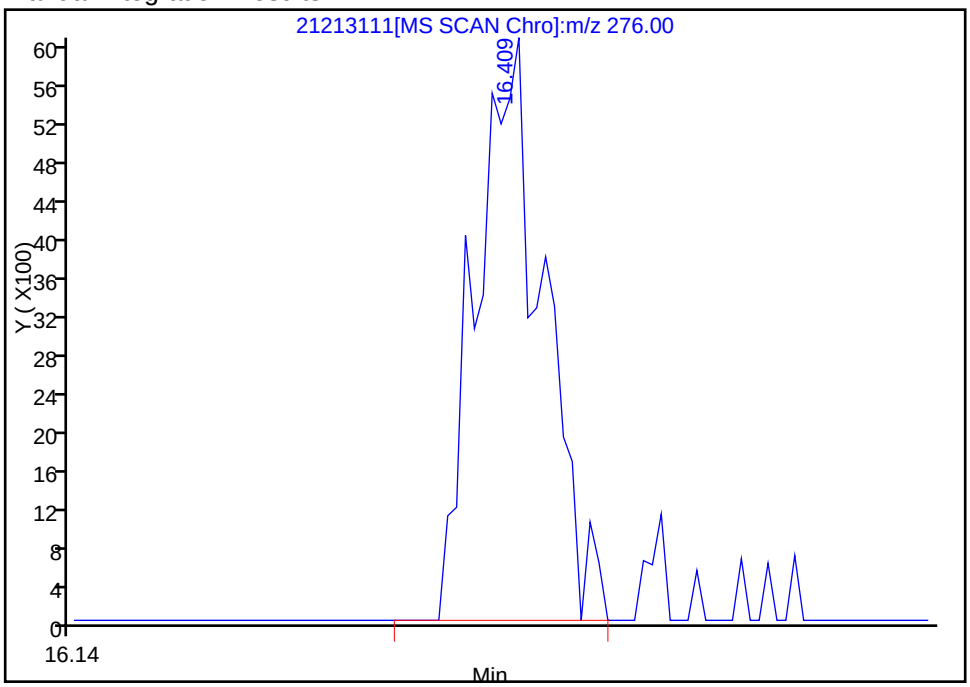
Processing Integration Results

Not Detected
Expected RT: 16.40



Manual Integration Results

RT: 16.41
Response: 17213
Amount: 0.123473



Reviewer: ulmanm, 14-Dec-2012 09:20:12
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

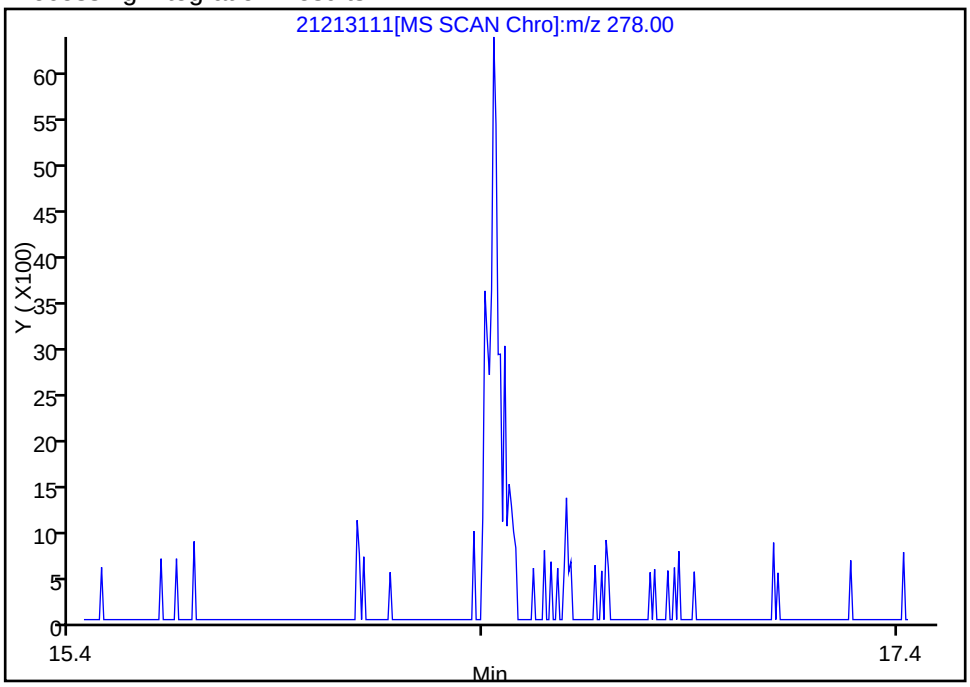
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121213-15814.b\21213111.D		
Injection Date:	13-Dec-2012 18:52:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68588	Lims Sample ID:	11
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

189 Dibenz(a,h)anthracene, Signal: 1, m/z: 278.0 Type: quant, RT: 16.43

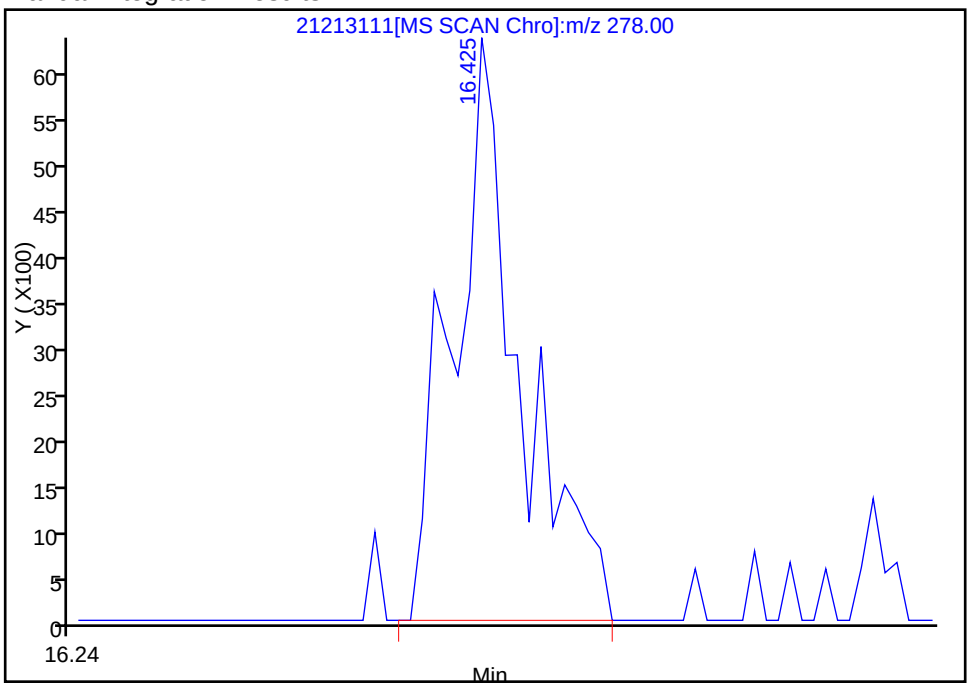
Processing Integration Results

Not Detected
Expected RT: 16.43



Manual Integration Results

RT: 16.42
Response: 13070
Amount: 0.111113



Reviewer: ulmanm, 14-Dec-2012 09:20:12
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

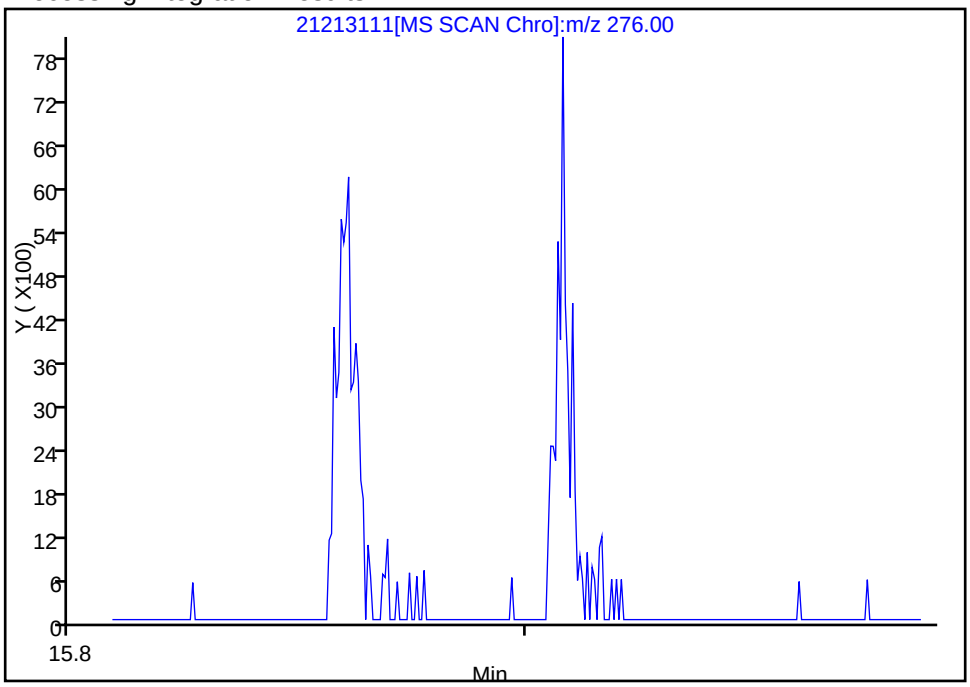
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121213-15814.b\21213111.D		
Injection Date:	13-Dec-2012 18:52:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68588	Lims Sample ID:	11
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

190 Benzo[g,h,i]perylene, Signal: 1, m/z: 276.0 Type: quant, RT: 16.89

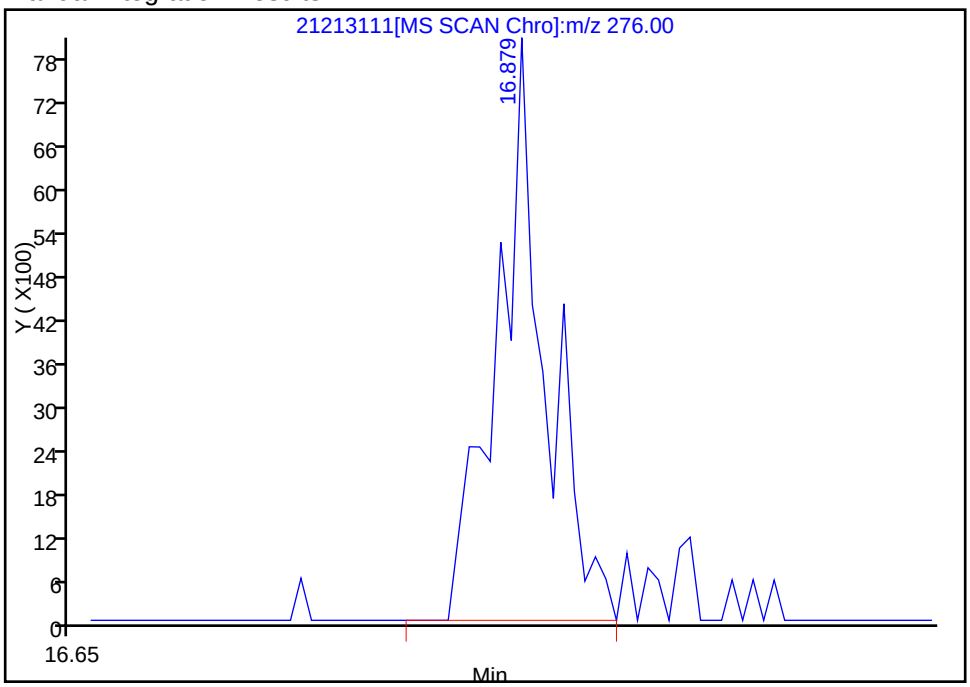
Processing Integration Results

Not Detected
Expected RT: 16.89



Manual Integration Results

RT: 16.88
Response: 13706
Amount: 0.118636



Reviewer: ulmanm, 14-Dec-2012 09:20:12
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: mdll2 Calibration Date: 12/13/2012 19:17

Instrument ID: A4HP9 Calib Start Date: 12/11/2012 12:10

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/11/2012 15:28

Lab File ID: 21213112.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Qua				0.358	0.500		
N-Nitrosodimethylamine	Qua				0.865	0.500		
Pyridine	Ave	1.899			0.495	0.500		
Benzaldehyde	Ave	2.129			0.576	0.500		
Phenol	Ave	2.416			0.498	0.500		
Aniline	Ave	2.926			0.507	0.500		
Bis(2-chloroethyl)ether	Ave	2.220			0.503	0.500		
2-Chlorophenol	Ave	1.356			0.527	0.500		
1,3-Dichlorobenzene	Ave	1.785			0.513	0.500		
1,4-Dichlorobenzene	Ave	1.508			0.489	0.500		
Benzyl alcohol	Ave	1.046			0.542	0.500		
1,2-Dichlorobenzene	Ave	1.701			0.554	0.500		
2-Methylphenol	Ave	1.516			0.497	0.500		
3 & 4 Methylphenol	Ave	1.624			0.461	0.500		
N-Nitrosodi-n-propylamine	Ave	1.615			0.512	0.500		
Acetophenone	Ave	2.431			0.475	0.500		
Hexachloroethane	Ave	0.7781			0.273	0.500		
Nitrobenzene	Ave	0.7249			0.524	0.500		
Isophorone	Ave	1.056			0.480	0.500		
2-Nitrophenol	Ave	0.1739			0.436	0.500		
2,4-Dimethylphenol	Ave	0.4549			0.495	0.500		
Benzoic acid	Qua				1.43	1.00		
Bis(2-chloroethoxy)methane	Ave	0.6949			0.539	0.500		
2,4-Dichlorophenol	Ave	0.2648			0.421	0.500		
1,2,4-Trichlorobenzene	Ave	0.3791			0.532	0.500		
Hexachlorobutadiene	Ave	0.2075			0.423	0.500		
Caprolactam	Ave	0.1033			0.497	0.500		
4-Chloro-3-methylphenol	Ave	0.3920			0.461	0.500		
2,4,6-Trichlorophenol	Ave	0.3296			0.470	0.500		
2,4,5-Trichlorophenol	Ave	0.3509			0.374	0.500		
2-Nitroaniline	Ave	0.4702			0.483	0.500		
Dimethyl phthalate	Ave	1.198			0.429	0.500		
2,6-Dinitrotoluene	Qua				0.746	0.500		
3-Nitroaniline	Ave	0.2802			0.481	0.500		
4-Nitrophenol	Ave	0.2223			0.275	0.500		
2,4-Dinitrotoluene	Ave	0.4097			0.421	0.500		
Dibenzofuran	Ave	1.529			0.470	0.500		
Diethyl phthalate	Ave	1.198			0.469	0.500		
4-Chlorophenyl phenyl ether	Ave	0.7347			0.426	0.500		
4-Nitroaniline	Qua				0.527	0.500		
N-Nitrosodiphenylamine	Ave	0.5305			0.503	0.500		

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: mdll2 Calibration Date: 12/13/2012 19:17

Instrument ID: A4HP9 Calib Start Date: 12/11/2012 12:10

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/11/2012 15:28

Lab File ID: 21213112.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2-Diphenylhydrazine(as Azobenzene)	Ave	1.281			0.446	0.500		
4-Bromophenyl phenyl ether	Ave	0.2201			0.539	0.500		
Hexachlorobenzene	Ave	0.2171			0.496	0.500		
Pentachlorophenol	Qua				0.811	1.00		
Carbazole	Ave	0.997			0.443	0.500		
Di-n-butyl phthalate	Ave	1.234			0.412	0.500		
Benzidine	Qua				0.827	0.500		
Butyl benzyl phthalate	Ave	0.5018			0.459	0.500		
3,3'-Dichlorobenzidine	Ave	0.3751			0.433	0.500		
Bis(2-ethylhexyl) phthalate	Ave	0.7246			0.413	0.500		
Di-n-octyl phthalate	Qua				0.566	0.500		
1,1'-Biphenyl	Ave	1.370			0.000800	0.500		
2,4-Dinitrophenol	Qua				0.00240	1.00		
2-Chloronaphthalene	Ave	1.237			0.000100	0.500		
2-Methylnaphthalene	Ave	0.6859			0.000100	0.500		
4,6-Dinitro-2-methylphenol	Qua				0.00240	0.500		
Acenaphthene	Ave	1.124			0.000100	0.500		
Acenaphthylene	Ave	1.742			0.000100	0.500		
Anthracene	Ave	1.055			0.000100	0.500		
Atrazine	Ave	0.1567			0.000800	0.500		
Benzo[a]anthracene	Ave	1.108			0.000100	0.500		
Benzo[a]pyrene	Ave	1.113			0.000100	0.500		
Benzo[b]fluoranthene	Ave	1.241			0.000100	0.500		
Benzo[g,h,i]perylene	Ave	1.017			0.000100	0.500		
Benzo[k]fluoranthene	Ave	1.231			0.000100	0.500		
Chrysene	Ave	1.022			0.000100	0.500		
Dibenz(a,h)anthracene	Ave	1.035			0.000100	0.500		
Fluoranthene	Ave	1.170			0.000100	0.500		
Fluorene	Ave	1.287			0.000100	0.500		
Hexachlorocyclopentadiene	Ave	0.3801			0.000800	0.500		
Indeno[1,2,3-cd]pyrene	Ave	1.227			0.000100	0.500		
Naphthalene	Ave	1.020			0.000100	0.500		

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: mdll2 Calibration Date: 12/13/2012 19:17

Instrument ID: A4HP9 Calib Start Date: 12/11/2012 12:10

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/11/2012 15:28

Lab File ID: 21213112.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Phenanthrene	Ave	1.093			0.000100	0.500		
Pyrene	Ave	1.200			0.000100	0.500		
2-Fluorophenol (Surr)	Ave	1.462			0.495	0.500	99	35-105
Phenol-d5 (Surr)	Ave	2.119			0.479	0.500	96	40-100
2,4,6-Tribromophenol (Surr)	Ave	0.1212			0.325	0.500	65	35-125
2-Fluorobiphenyl (Surr)	Ave	1.541			0.000000	0.500	0*	45-105
Nitrobenzene-d5 (Surr)	Ave	0.6785			0.000000	0.500	0*	35-100
Terphenyl-d14 (Surr)	Ave	0.8035			0.000000	0.500	0*	30-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121213-15814.b\21213112.D
Lims ID: mdll2 Client ID:
Inject. Date: 13-Dec-2012 19:17:30 Dil. Factor: 1.0000
Sample Type: LODV
Sample ID: 240-0015814-012
Misc. Info.: MDLL2 =MDLL2
Operator: 001574 Instrument ID: A4HP9
Injection Vol: 1.0 ul ALS Bottle#: 12
Lims Batch ID: 68588 Lims Sample ID: 12
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121213-15814.b\8270 _9.m
Last Update: 14-Dec-2012 10:56:03 Calib Date: 13-Dec-2012 11:31:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121213-15797.b\21213010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: 5% phenyl Column Dia: 0.18 mm
Process Host: XAWRK024

First Level Reviewer: ulmanm Date: 14-Dec-2012 09:31:28

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	6.044	6.046	-0.002	86	129184	4.00	
* 2 Naphthalene-d8	136	7.156	7.158	-0.002	98	519616	4.00	
* 3 Acenaphthene-d10	164	8.651	8.653	-0.002	66	329409	4.00	
* 4 Phenanthrene-d10	188	9.917	9.919	-0.002	81	567591	4.00	
* 5 Chrysene-d12	240	12.540	12.537	0.003	78	564091	4.00	
* 6 Perylene-d12	264	14.677	14.685	-0.008	90	429679	4.00	
$ 7 2-Fluorophenol	112	4.810	4.809	0.001	73	23377	0.4951	
$ 8 Phenol-d5	99	5.686	5.686	0.0	0	32768	0.4788	
$ 9 Nitrobenzene-d5	82		6.530					
$ 10 2-Fluorobiphenyl (Surr)	172		8.063					
$ 11 2,4,6-Tribromophenol	330	9.319	9.318	0.001	23	3240	0.3246	
$ 12 Terphenyl-d14	244		11.295					
20 Dimethylformamide	1		0.000					
23 2,5-Dichlorophenol	1		0.000					
18 Bis(4-hydroxyphenyl)methane	1		0.000					
19 Octachlorostyrene	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
22 Bis(2-hydroxyphenyl)methane	1		0.000					
13 Octachlorocyclopentene	1		0.000					
25 1,4-Dioxane	88	2.711	2.694	0.017	47	17390	0.3584	M
35 Acrylamide	71		2.744					
26 N-Nitrosodimethylamine	74	3.218	3.191	0.027	59	12862	0.8648	M
27 Pyridine	79	3.261	3.234	0.027	54	30350	0.4948	M
42 Phenylmercaptan	110		3.596					
28 Ethyl methacrylate	69	3.822	3.827	-0.005	54	33674	0.5947	M
232 1-Methyl-2-pyrrilidinone	99		3.880					1
52 Indene	115		4.084					
29 3-Chloropropionitrile	54	4.185	4.179	0.006	56	15074	0.5992	M
31 2-Picoline	93		4.193					
32 N-Nitrosomethylethylamine	88		4.326					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
17 4-Chlorophenol	128		4.500					9
33 Malononitrile	66		4.580					9
24 Catechol	110		4.592					
34 Methyl methanesulfonate	80		4.647					
30 3-Picoline	93		4.705					9
233 n,n'-Dimethylacetamide	44		4.727					
15 3-Methylcatechol	124		4.913					9
14 4-Methylcatechol	124		5.036					9
81 Benzothiazole	135		5.046					
36 N-Nitrosodiethylamine	102		5.047					
82 Quinoline	129		5.099					
37 Ethyl methanesulfonate	79		5.331					9
38 2-Methylcyclohexanone	68		5.544					
39 3-Methylcyclohexanone	69		5.582					
40 4-Methylcyclohexanone	55		5.630					
41 Benzaldehyde	77	5.654	5.654	0.0	78	39629	0.5764	
43 Phenol	94	5.697	5.696	0.001	80	38863	0.4980	
96 3,4-Dichloronitrobenzene	109		5.725					
44 Aniline	93	5.745	5.744	0.001	91	47896	0.5069	
101 Phenyl ether	170		5.773					
45 Pentachloroethane	167		5.795					
69 Bis(2-chloroethyl)ether	93	5.793	5.798	-0.005	73	36056	0.5029	
46 2-Chlorophenol	128	5.852	5.857	-0.005	80	23089	0.5273	
47 1,3-Dichlorobenzene	146	5.996	5.995	0.001	84	29595	0.5134	
48 1,4-Dichlorobenzene	146	6.060	6.060	0.0	67	23803	0.4886	
49 Benzyl alcohol	108	6.151	6.150	0.001	85	18292	0.5416	
50 1,2-Dichlorobenzene	146	6.199	6.198	0.001	79	30438	0.5539	
51 2-Methylphenol	108	6.237	6.236	0.001	87	24313	0.4967	
53 2,2'-oxybis[1-chloropropane]	45	6.269	6.273	-0.004	93	41266	0.5841	
21 3 & 4 Methylphenol	108	6.365	6.364	0.001	78	24184	0.4611	
56 N-Nitrosopyrrolidine	100		6.367					
57 N-Nitrosodi-n-propylamine	70	6.381	6.380	0.001	70	26702	0.5120	
58 Acetophenone	105	6.392	6.391	0.001	78	37311	0.4753	
59 N-Nitrosomorpholine	56		6.399					9
60 2-Toluidine	106		6.420					9
61 Hexachloroethane	117	6.498	6.498	0.0	80	6851	0.2726	
62 Nitrobenzene	77	6.541	6.546	-0.005	73	49315	0.5237	
63 N-Nitrosopiperidine	114		6.677					
64 Isophorone	82	6.744	6.743	0.001	94	65781	0.4797	
66 2-Nitrophenol	139	6.819	6.818	0.001	71	9846	0.4360	
67 1,3,5-Trichlorobenzene	180	6.830	6.829	0.001	84	27381	0.5449	
65 2,4-Dimethylphenol	107	6.830	6.834	-0.004	92	29256	0.4951	
71 Benzoic acid	122	6.851	6.888	-0.037	54	10768	1.43	
68 o,o',o''-Triethylphosphorothioat	198		6.890					
70 Bis(2-chloroethoxy)methane	93	6.915	6.920	-0.005	89	48612	0.5385	
72 alpha,alpha-Dimethyl phenethylam	58		7.013					
73 2,4-Dichlorophenol	162	7.022	7.021	0.001	73	14481	0.4210	
74 1,2,4-Trichlorobenzene	180	7.102	7.101	0.001	77	26218	0.5324	
75 Naphthalene	128		7.176					
76 4-Chloroaniline	127	7.204	7.208	-0.004	62	25770	0.4788	
77 2,6-Dichlorophenol	162		7.216					
78 Hexachloropropene	213		7.248					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
79 Hexachlorobutadiene	225	7.273	7.272	0.001	75	11414	0.4235	
80 1,2,3-Trichlorobenzene	180	7.294	7.294	0.0	76	22504	0	
83 N-Nitrosodi-n-butylamine	84		7.478					
84 Caprolactam	113	7.476	7.486	-0.010	70	6675	0.4972	
85 p-Phenylene diamine	108		7.505					9
86 4-Chloro-3-methylphenol	107	7.594	7.598	-0.004	74	23470	0.4609	
153 Diphenylsulfone	125		7.616					
94 Safrole, Total	162		7.670					
87 2-Methylnaphthalene	142		7.764					
88 1-Methylnaphthalene	142		7.849					
90 1,2,3,5-Tetrachlorobenzene	216	7.893	7.892	0.001	88	24788	0.4985	
89 Hexachlorocyclopentadiene	237		7.892					9
91 1,2,4,5-Tetrachlorobenzene	216		7.905					
225 Isosafrole Peak 1	162		7.921					9
92 2,4,6-Trichlorophenol	196	7.989	7.993	-0.004	73	12749	0.4697	
93 2,4,5-Trichlorophenol	196	8.021	8.025	-0.004	75	10815	0.3743	
227 Isosafrole Peak 2	162		8.114					9
97 2,4-Toluene diamine	121	8.133	8.132	0.001	86	14585	0.3896	
99 1,2,3,4 -Tetrachlorobenzene	216		8.148					
98 1,1'-Biphenyl	154		8.154					
100 2-Chloronaphthalene	162		8.180					
102 2-Nitroaniline	65	8.251	8.250	0.001	55	18712	0.4833	
103 1,4-Naphthoquinone	158		8.322					
104 1,4-Dinitrobenzene	168		8.365					
105 Dimethyl phthalate	163	8.390	8.389	0.001	86	42305	0.4288	
106 1,3-Dinitrobenzene	168		8.424					9
107 2,6-Dinitrotoluene	165	8.448	8.447	0.001	74	11447	0.7459	
108 1,2-Dinitrobenzene	168	8.496	8.501	-0.005	73	5204	0.6649	
109 Acenaphthylene	152		8.538					
110 3-Nitroaniline	138	8.598	8.597	0.001	74	11102	0.4811	
112 Acenaphthene	153		8.683					
111 2,4-Dinitrophenol	184		8.683					
113 4-Nitrophenol	109	8.705	8.709	-0.004	60	5031	0.2748	
114 2,4-Dinitrotoluene	165	8.790	8.789	0.001	65	14221	0.4215	
115 Pentachlorobenzene	250		8.792					
116 Dibenzofuran	168	8.828	8.827	0.001	81	59234	0.4703	
118 2,3,5,6-Tetrachlorophenol	232	8.881	8.886	-0.005	65	7846	0.3309	
117 1-Naphthylamine	143		8.888					9
119 2,3,4,6-Tetrachlorophenol	232		8.920					9
120 2-Naphthylamine	143		8.958					9
121 Diethyl phthalate	149	8.977	8.982	-0.005	91	46314	0.4693	
122 Thionazin	97		9.054					
123 4-Chlorophenyl phenyl ether	204	9.100	9.099	0.001	87	25780	0.4261	
124 N-Nitro-o-toluidine	152		9.113					
125 4-Nitroaniline	138	9.111	9.115	-0.004	68	9081	0.5273	
126 Fluorene	166		9.121					
128 4,6-Dinitro-2-methylphenol	198		9.137					9
127 Tributyl phosphate	99		9.139					9
131 N-Nitrosodiphenylamine	169	9.196	9.195	0.001	93	37835	0.5026	
130 Diphenylamine	169	9.196	9.198	-0.002	84	37835	0.4182	
176 Hexabromobenzene	232		9.208					
132 1,2-Diphenylhydrazine	77	9.234	9.238	-0.004	99	81093	0.4462	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
133 Azobenzene	77	9.234	9.238	-0.004	93	81093	0.4462	
134 Sulfotepp	202	9.303	9.305	-0.002	51	5695	0.4645	
135 1,3,5-Trinitrobenzene	213		9.391					
137 Phenacetin	108		9.433					9
228 Diallate Peak 1	86		9.433					9
138 Phorate	121		9.444					
230 Diallate Peak 2	86		9.513					9
139 4-Bromophenyl phenyl ether	248	9.517	9.521	-0.004	65	16833	0.5389	
179 6-Methylchrysene	242		9.576					
141 Hexachlorobenzene	284	9.586	9.585	0.001	61	15290	0.4963	
140 Dimethoate	87		9.588					9
142 Atrazine	200		9.628					9
129 4-Aminobiphenyl	169		9.738					9
143 Pentachlorophenol	266	9.741	9.740	0.001	39	7751	0.8107	
145 Pentachloronitrobenzene	237		9.754					
144 Pronamide	173		9.759					
147 Dinoseb	211		9.877					
146 Disulfoton	88		9.882					9
148 Phenanthrene	178		9.938					
149 Anthracene	178		9.986					
150 DFTPP								
151 Carbazole	167	10.104	10.104	0.0	75	62730	0.4433	
152 Methyl parathion	109		10.203					
154 Di-n-butyl phthalate	149	10.355	10.360	-0.005	95	72191	0.4122	
155 Ethyl Parathion	97		10.523					9
156 4-Nitroquinoline-1-oxide	190		10.582					
157 Methapyrilene	58		10.625					9
158 Isodrin	66		10.828					
159 Fluoranthene	202		10.958					
160 Benzidine	184	11.055	11.054	0.001	58	22685	0.8271	
161 Pyrene	202		11.177					
166 4,4'-DDE	246		11.233					9
226 Aramite Peak 1	185		11.244					
229 Aramite Peak 2	185		11.319					
163 p-Dimethylamino azobenzene	225		11.431					
164 Chlorobenzilate	139		11.463					
165 4,4'-DDD	235		11.618					
187 Dibenz[a,h]acridine	279		11.729					
167 Famphur	218		11.736					
168 Butyl benzyl phthalate	149	11.787	11.786	0.001	82	32457	0.4587	
169 3,3'-Dimethylbenzidine	212		11.794					
186 Dibenz[a,j]acridine	279		11.804					
170 4,4'-DDT	235		11.917					
171 2-Acetylaminofluorene	181		12.094					
172 3,3'-Dimethoxybenzidine	244		12.417					9
174 4,4'-Methylene bis(2-chloroanili	231	12.460	12.465	-0.005	62	11595	0.4072	
175 3,3'-Dichlorobenzidine	252	12.460	12.465	-0.005	50	22895	0.4328	
173 Bis(2-ethylhexyl) phthalate	149	12.482	12.481	0.001	88	42186	0.4128	
177 Benzo[a]anthracene	228		12.524					
178 Chrysene	228		12.577					
180 Di-n-octyl phthalate	149	13.417	13.421	-0.004	89	63789	0.5658	
181 7,12-Dimethylbenz(a)anthracene	256		14.065					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
182 Benzo[b]fluoranthene	252		14.083					
183 Benzo[k]fluoranthene	252		14.126					
184 Benzo[a]pyrene	252		14.596					
185 3-Methylcholanthrene	268		15.139					
188 Indeno[1,2,3-cd]pyrene	276		16.402					
189 Dibenz(a,h)anthracene	278		16.429					
190 Benzo[g,h,i]perylene	276		16.888					
S 191 Methyl Phenols,Total	100				0		0.9578	
S 95 Isosafrole	162		5.568					7
S 136 Diallate	86		6.701					7
S 162 Aramite, Total	185		8.271					7
T 192 Octadecane (TIC)	57		0.000					1
T 195 Hydroquinone TIC	110		0.000					1
T 194 Decane TIC	57		0.000					1
T 240 Trimethyl phosphate TIC	110		3.120					1
T 234 2-Isopropylphenol TIC	121		4.623					1
T 236 3-isopropylphenol TIC	121		4.756					1
T 235 4-isopropylphenol TIC	121		4.756					1
T 193 Hexamethylphosphoramide TIC	135		5.100					1
T 237 3-(1,1-Dimethylethyl Phenol) TIC	135		5.110					1
T 196 Kepone TIC	272		8.281					1
T 242 Triphenyl Phosphate TIC	326		8.700					1
T 238 2,3,7,8-TCDD TIC	1		9.000					1
T 231 2,3,7,8-TCDD	322		9.150					1
T 197 Hexachlorophene TIC	198		9.269					1
T 241 Tricresyl phosphate TIC	368		9.372					1
T 239 Tris(2,3-dibromopropyl)phosphate	201		10.600					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

Review Flags
M - Manually Integrated

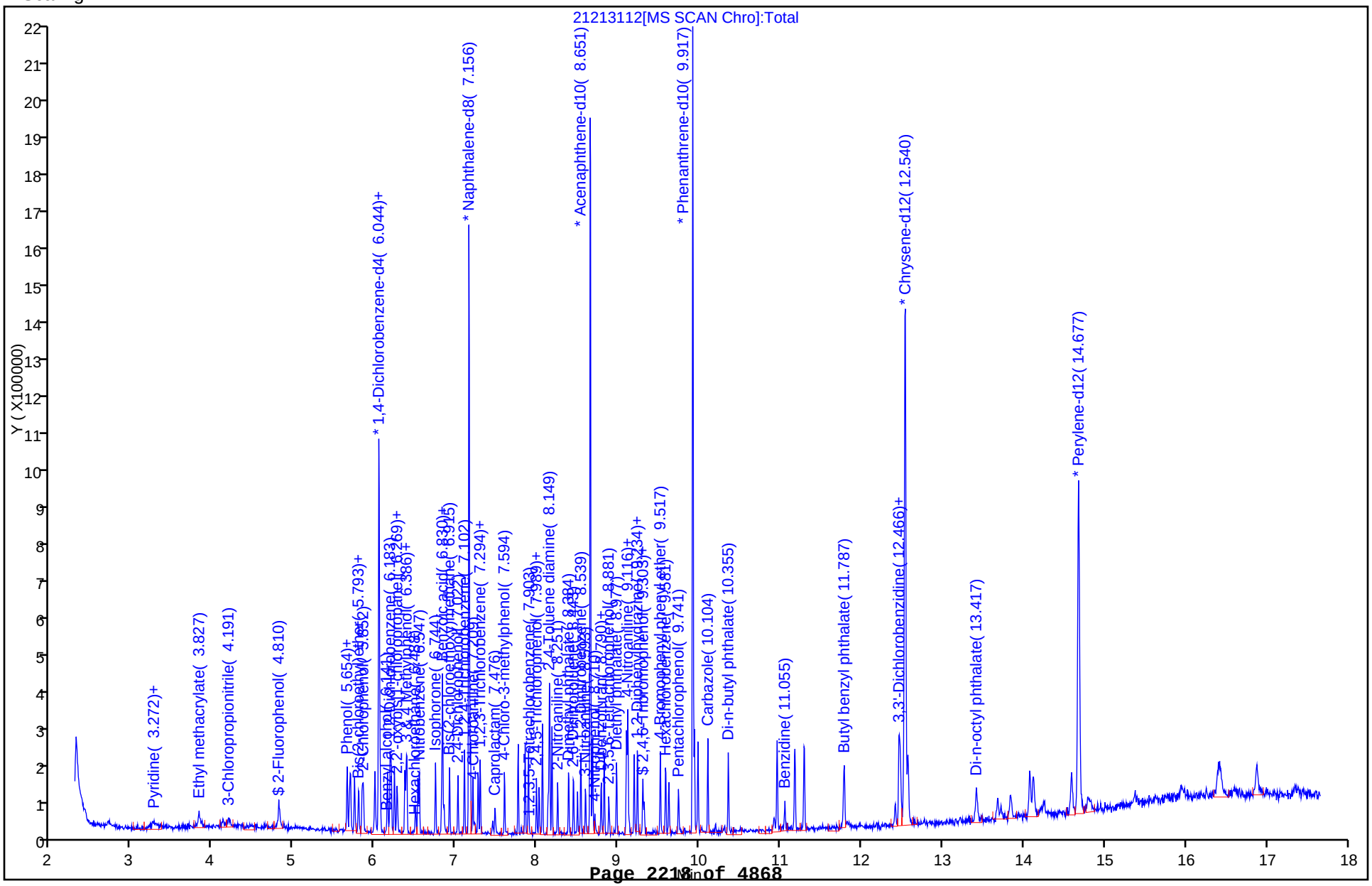
Report Date: 14-Dec-2012 10:56:09 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121213-15814.b\21213112.D

Injection Date:	13-Dec-2012 19:17:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68588	Lims Sample ID:	12
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



Manual Integration/User Assign Peak Report

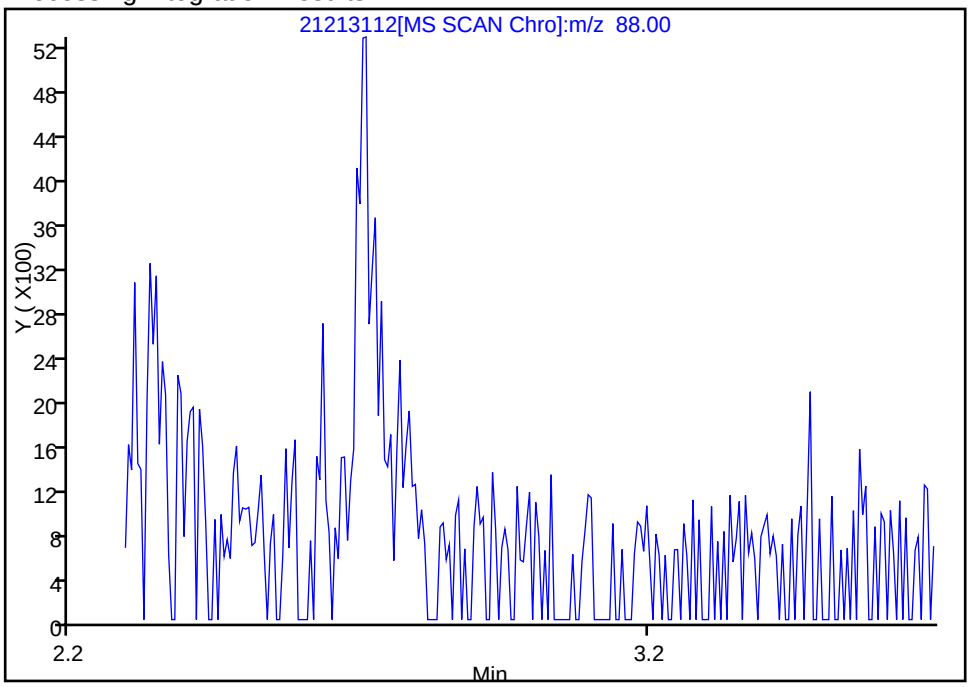
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121213-15814.b\21213112.D		
Injection Date:	13-Dec-2012 19:17:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68588	Lims Sample ID:	12
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

25 1,4-Dioxane, Signal: 1, m/z: 88.0 Type: quant, RT: 2.69

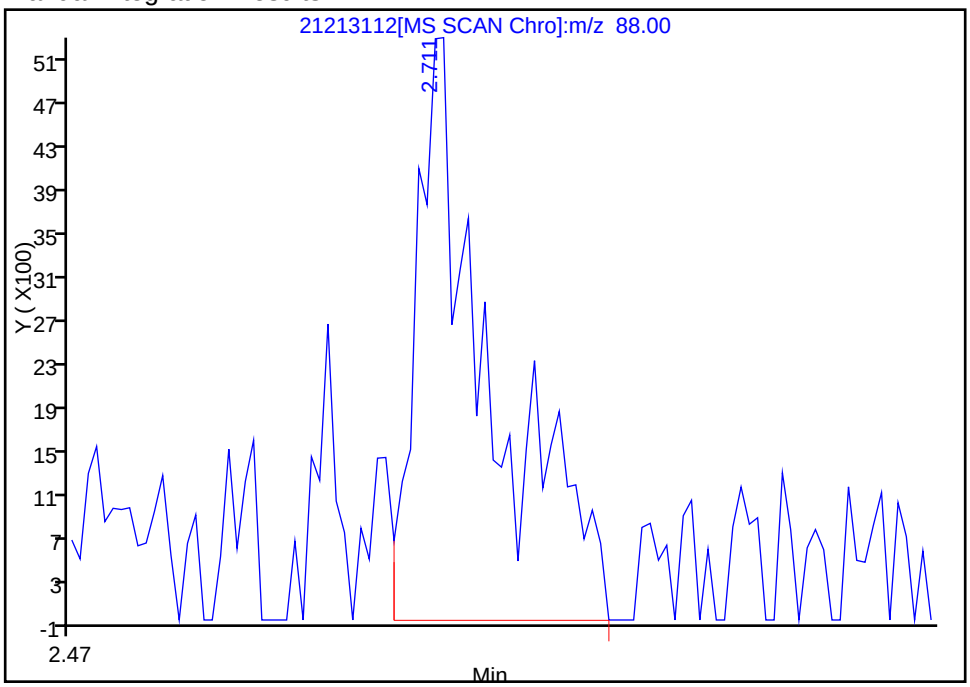
Processing Integration Results

Not Detected
Expected RT: 2.69



Manual Integration Results

RT: 2.71
Response: 17390
Amount: 0.358440



Reviewer: ulmanm, 14-Dec-2012 09:31:28
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

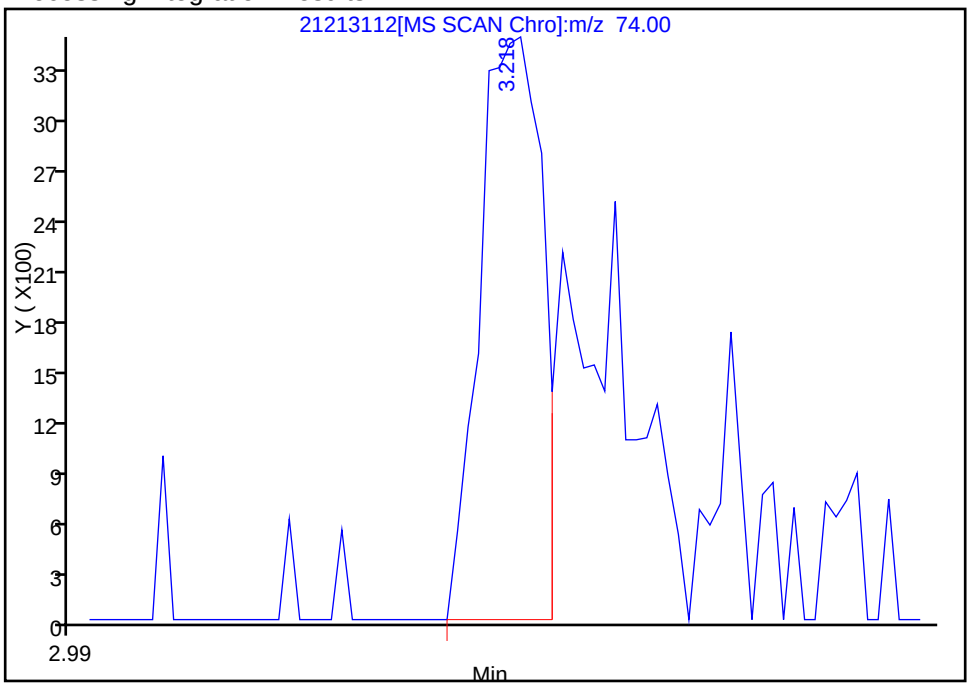
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121213-15814.b\21213112.D		
Injection Date:	13-Dec-2012 19:17:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68588	Lims Sample ID:	12
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

26 N-Nitrosodimethylamine, Signal: 1, m/z: 74.0 Type: quant, RT: 3.19

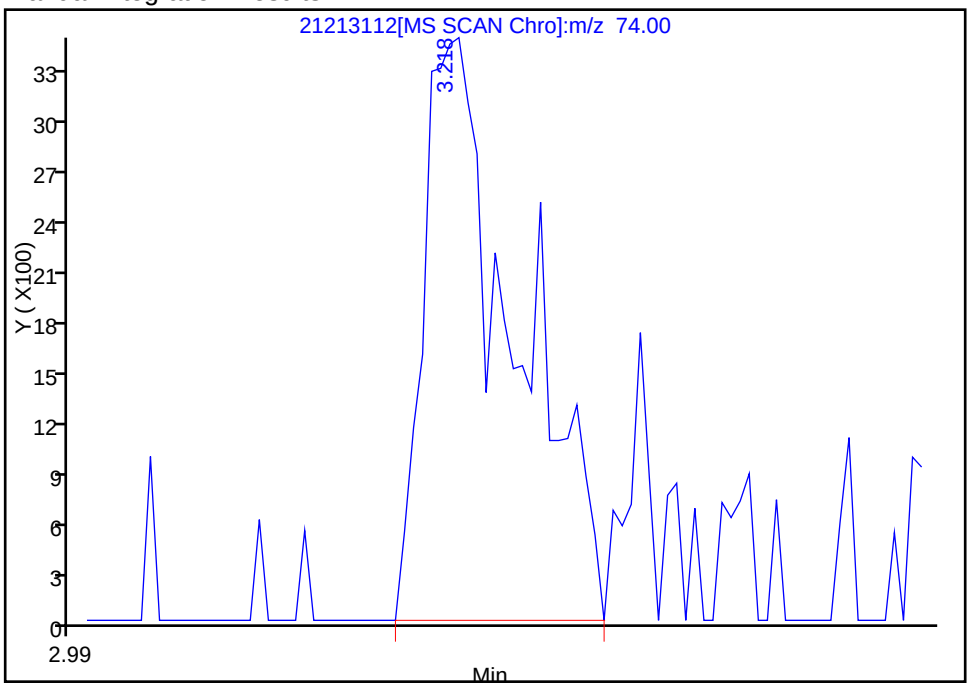
Processing Integration Results

RT: 3.22
Response: 7572
Amount: 0.691827



Manual Integration Results

RT: 3.22
Response: 12862
Amount: 0.864765



Reviewer: ulmanm, 14-Dec-2012 09:31:28
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

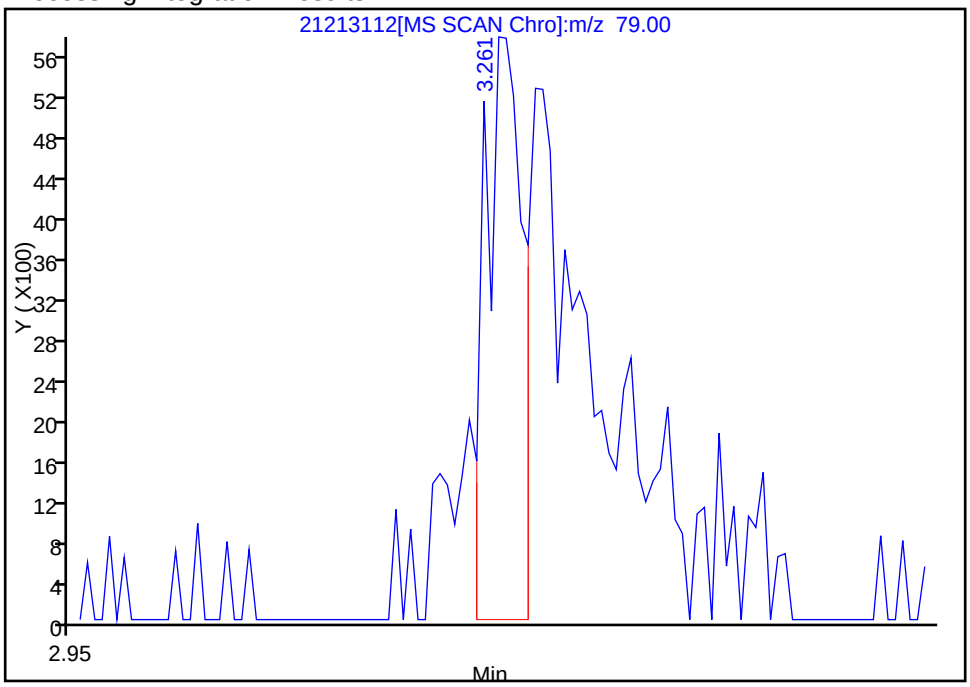
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121213-15814.b\21213112.D		
Injection Date:	13-Dec-2012 19:17:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68588	Lims Sample ID:	12
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

27 Pyridine, Signal: 1, m/z: 79.0 Type: quant, RT: 3.23

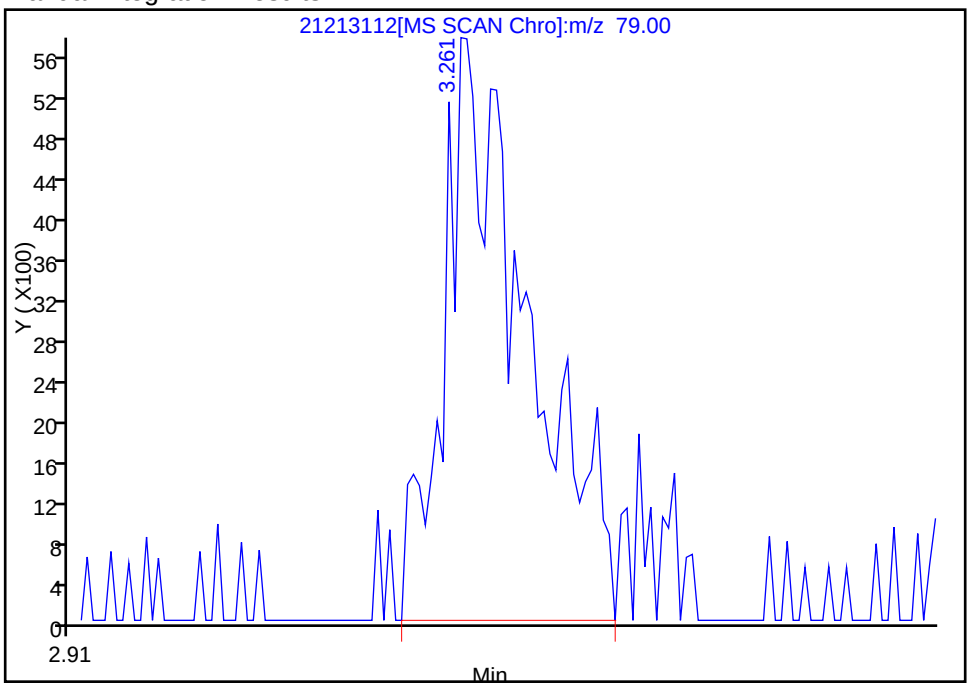
Processing Integration Results

RT: 3.26
Response: 10948
Amount: 0.178472



Manual Integration Results

RT: 3.26
Response: 30350
Amount: 0.494759



Reviewer: ulmanm, 14-Dec-2012 09:31:28
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: mdll3 Calibration Date: 12/13/2012 19:42

Instrument ID: A4HP9 Calib Start Date: 12/11/2012 12:10

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/11/2012 15:28

Lab File ID: 21213113.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2,4-Dimethylphenol	Ave	0.4549			0.978	1.00		
2,4-Dinitrophenol	Qua				1.38	2.00		
4,6-Dinitro-2-methylphenol	Qua				1.04	1.00		
1,1'-Biphenyl	Ave	1.370			0.000800	1.00		
1,2,4-Trichlorobenzene	Ave	0.3791			0.000800	1.00		
1,2-Dichlorobenzene	Ave	1.701			0.000800	1.00		
1,2-Diphenylhydrazine(as Azobenzene)	Ave	1.281			0.000800	1.00		
1,3-Dichlorobenzene	Ave	1.785			0.000800	1.00		
1,4-Dichlorobenzene	Ave	1.508			0.000800	1.00		
1,4-Dioxane	Qua				0.000800	1.00		
2,4,5-Trichlorophenol	Ave	0.3509			0.000800	1.00		
2,4,6-Trichlorophenol	Ave	0.3296			0.000800	1.00		
2,4-Dichlorophenol	Ave	0.2648			0.000800	1.00		
2,4-Dinitrotoluene	Ave	0.4097			0.000800	1.00		
2,6-Dinitrotoluene	Qua				0.000800	1.00		
2-Chloronaphthalene	Ave	1.237			0.000100	1.00		
2-Chlorophenol	Ave	1.356			0.000800	1.00		
2-Methylnaphthalene	Ave	0.6859			0.000100	1.00		
2-Methylphenol	Ave	1.516			0.000800	1.00		
2-Nitroaniline	Ave	0.4702			0.000800	1.00		
2-Nitrophenol	Ave	0.1739			0.000800	1.00		
3 & 4 Methylphenol	Ave	1.624			0.000800	1.00		
3,3'-Dichlorobenzidine	Ave	0.3751			0.000800	1.00		
3-Nitroaniline	Ave	0.2802			0.000800	1.00		
4-Bromophenyl phenyl ether	Ave	0.2201			0.000800	1.00		
4-Chloro-3-methylphenol	Ave	0.3920			0.000800	1.00		
4-Chlorophenyl phenyl ether	Ave	0.7347			0.000800	1.00		
4-Nitroaniline	Qua				0.000800	1.00		
4-Nitrophenol	Ave	0.2223			0.00240	1.00		
Acenaphthene	Ave	1.124			0.000100	1.00		

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: mdll3 Calibration Date: 12/13/2012 19:42

Instrument ID: A4HP9 Calib Start Date: 12/11/2012 12:10

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/11/2012 15:28

Lab File ID: 21213113.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Acenaphthylene	Ave	1.742			0.000100	1.00		
Acetophenone	Ave	2.431			0.000800	1.00		
Aniline	Ave	2.926			0.00240	1.00		
Anthracene	Ave	1.055			0.000100	1.00		
Atrazine	Ave	0.1567			0.000800	1.00		
Benzaldehyde	Ave	2.129			0.000800	1.00		
Benzidine	Qua				0.00240	1.00		
Benzo[a]anthracene	Ave	1.108			0.000100	1.00		
Benzo[a]pyrene	Ave	1.113			0.000100	1.00		
Benzo[b]fluoranthene	Ave	1.241			0.000100	1.00		
Benzo[g,h,i]perylene	Ave	1.017			0.000100	1.00		
Benzo[k]fluoranthene	Ave	1.231			0.000100	1.00		
Benzoic acid	Qua				0.0100	2.00		
Benzyl alcohol	Ave	1.046			0.000800	1.00		
Bis(2-chloroethoxy)methane	Ave	0.6949			0.000800	1.00		
Bis(2-chloroethyl)ether	Ave	2.220			0.000100	1.00		
Bis(2-ethylhexyl) phthalate	Ave	0.7246			0.000800	1.00		
Butyl benzyl phthalate	Ave	0.5018			0.000800	1.00		
Caprolactam	Ave	0.1033			0.000800	1.00		
Carbazole	Ave	0.997			0.000800	1.00		
Chrysene	Ave	1.022			0.000100	1.00		
Dibenz(a,h)anthracene	Ave	1.035			0.000100	1.00		
Dibenzofuran	Ave	1.529			0.000100	1.00		
Diethyl phthalate	Ave	1.198			0.000800	1.00		
Dimethyl phthalate	Ave	1.198			0.000800	1.00		
Di-n-butyl phthalate	Ave	1.234			0.000800	1.00		
Di-n-octyl phthalate	Qua				0.000800	1.00		
Fluoranthene	Ave	1.170			0.000100	1.00		
Fluorene	Ave	1.287			0.000100	1.00		

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: mdll3 Calibration Date: 12/13/2012 19:42

Instrument ID: A4HP9 Calib Start Date: 12/11/2012 12:10

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/11/2012 15:28

Lab File ID: 21213113.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Hexachlorobenzene	Ave	0.2171			0.000100	1.00		
Hexachlorobutadiene	Ave	0.2075			0.000800	1.00		
Hexachlorocyclopentadiene	Ave	0.3801			0.000800	1.00		
Hexachloroethane	Ave	0.7781			0.000800	1.00		
Indeno[1,2,3-cd]pyrene	Ave	1.227			0.000100	1.00		
Isophorone	Ave	1.056			0.000800	1.00		
Naphthalene	Ave	1.020			0.000100	1.00		
Nitrobenzene	Ave	0.7249			0.000100	1.00		
N-Nitrosodimethylamine	Qua				0.000800	1.00		
N-Nitrosodi-n-propylamine	Ave	1.615			0.000800	1.00		
N-Nitrosodiphenylamine	Ave	0.5305			0.000800	1.00		
Pentachlorophenol	Qua				0.00240	2.00		
Phenanthrene	Ave	1.093			0.000100	1.00		
Phenol	Ave	2.416			0.000800	1.00		
Pyrene	Ave	1.200			0.000100	1.00		
Pyridine	Ave	1.899			0.000800	1.00		
2,4,6-Tribromophenol (Surr)	Ave	0.1212			0.000000	1.00	0*	35-125
2-Fluorobiphenyl (Surr)	Ave	1.541			0.000000	1.00	0*	45-105
2-Fluorophenol (Surr)	Ave	1.462			0.000000	1.00	0*	35-105
Nitrobenzene-d5 (Surr)	Ave	0.6785			0.000000	1.00	0*	35-100
Phenol-d5 (Surr)	Ave	2.119			0.000000	1.00	0*	40-100
Terphenyl-d14 (Surr)	Ave	0.8035			0.000000	1.00	0*	30-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121213-15814.b\21213113.D
Lims ID: mdll3 Client ID:
Inject. Date: 13-Dec-2012 19:42:30 Dil. Factor: 1.0000
Sample Type: LODV
Sample ID: 240-0015814-013
Misc. Info.: MDLL3 =MDLL3
Operator: 001574 Instrument ID: A4HP9
Injection Vol: 1.0 ul ALS Bottle#: 13
Lims Batch ID: 68588 Lims Sample ID: 13
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121213-15814.b\8270 _9.m
Last Update: 14-Dec-2012 10:56:03 Calib Date: 13-Dec-2012 11:31:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121213-15797.b\21213010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: 5% phenyl Column Dia: 0.18 mm
Process Host: XAWRK024

First Level Reviewer: ulmanm Date: 14-Dec-2012 09:33:49

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	6.046	6.046	0.0	87	126409	4.00	
* 2 Naphthalene-d8	136	7.157	7.158	-0.001	98	515619	4.00	
* 3 Acenaphthene-d10	164	8.653	8.653	0.0	84	317322	4.00	
* 4 Phenanthrene-d10	188	9.919	9.919	0.0	78	525985	4.00	
* 5 Chrysene-d12	240	12.537	12.537	0.0	76	552051	4.00	
* 6 Perylene-d12	264	14.679	14.685	-0.006	90	430616	4.00	
$ 7 2-Fluorophenol	112		4.809					
$ 8 Phenol-d5	99		5.686					
$ 9 Nitrobenzene-d5	82		6.530					
$ 10 2-Fluorobiphenyl (Surr)	172		8.063					
$ 11 2,4,6-Tribromophenol	330		9.318					
$ 12 Terphenyl-d14	244		11.295					
20 Dimethylformamide	1		0.000					
23 2,5-Dichlorophenol	1		0.000					
18 Bis(4-hydroxyphenyl)methane	1		0.000					
19 Octachlorostyrene	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
22 Bis(2-hydroxyphenyl)methane	1		0.000					
13 Octachlorocyclopentene	1		0.000					
25 1,4-Dioxane	88		2.694					
35 Acrylamide	71		2.744					
26 N-Nitrosodimethylamine	74		3.191					
27 Pyridine	79		3.234					
42 Phenylmercaptan	110		3.596					
28 Ethyl methacrylate	69		3.827					
232 1-Methyl-2-pyrrilidinone	99		3.880					1
52 Indene	115		4.084					
29 3-Chloropropionitrile	54		4.179					
31 2-Picoline	93		4.193					
32 N-Nitrosomethylethylamine	88		4.326					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
17 4-Chlorophenol	128		4.500					9
33 Malononitrile	66		4.580					9
24 Catechol	110		4.592					
34 Methyl methanesulfonate	80		4.647					
30 3-Picoline	93		4.705					9
233 n,n'-Dimethylacetamide	44		4.727					9
15 3-Methylcatechol	124		4.913					
14 4-Methylcatechol	124		5.036					
81 Benzothiazole	135		5.046					
36 N-Nitrosodiethylamine	102		5.047					
82 Quinoline	129		5.099					
37 Ethyl methanesulfonate	79		5.331					
38 2-Methylcyclohexanone	68		5.544					
39 3-Methylcyclohexanone	69		5.582					
40 4-Methylcyclohexanone	55		5.630					
41 Benzaldehyde	77		5.654					
43 Phenol	94		5.696					
96 3,4-Dichloronitrobenzene	109		5.725					
44 Aniline	93		5.744					
101 Phenyl ether	170		5.773					
45 Pentachloroethane	167		5.795					
69 Bis(2-chloroethyl)ether	93		5.798					
46 2-Chlorophenol	128		5.857					
47 1,3-Dichlorobenzene	146		5.995					
48 1,4-Dichlorobenzene	146		6.060					
49 Benzyl alcohol	108		6.150					
50 1,2-Dichlorobenzene	146		6.198					
51 2-Methylphenol	108		6.236					
53 2,2'-oxybis[1-chloropropane]	45		6.273					
21 3 & 4 Methylphenol	108		6.364					
56 N-Nitrosopyrrolidine	100		6.367					
57 N-Nitrosodi-n-propylamine	70		6.380					
58 Acetophenone	105		6.391					
59 N-Nitrosomorpholine	56		6.399					9
60 2-Toluidine	106		6.420					9
61 Hexachloroethane	117		6.498					
62 Nitrobenzene	77		6.546					
63 N-Nitrosopiperidine	114		6.677					
64 Isophorone	82		6.743					
66 2-Nitrophenol	139		6.818					
67 1,3,5-Trichlorobenzene	180		6.829					
65 2,4-Dimethylphenol	107	6.832	6.834	-0.002	93	57365	0.9783	
71 Benzoic acid	122		6.888					
68 o,o',o''-Triethylphosphorothioat	198		6.890					
70 Bis(2-chloroethoxy)methane	93		6.920					
72 alpha,alpha-Dimethyl phenethylam	58		7.013					9
73 2,4-Dichlorophenol	162		7.021					
74 1,2,4-Trichlorobenzene	180		7.101					
75 Naphthalene	128		7.176					
76 4-Chloroaniline	127		7.208					
77 2,6-Dichlorophenol	162		7.216					
78 Hexachloropropene	213		7.248					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
79 Hexachlorobutadiene	225		7.272					
80 1,2,3-Trichlorobenzene	180		7.294					
83 N-Nitrosodi-n-butylamine	84		7.478					9
84 Caprolactam	113		7.486					
85 p-Phenylene diamine	108		7.505					9
86 4-Chloro-3-methylphenol	107		7.598					
153 Diphenylsulfone	125		7.616					
94 Safrole, Total	162		7.670					
87 2-Methylnaphthalene	142		7.764					
88 1-Methylnaphthalene	142		7.849					
90 1,2,3,5-Tetrachlorobenzene	216		7.892					
89 Hexachlorocyclopentadiene	237		7.892					
91 1,2,4,5-Tetrachlorobenzene	216		7.905					
225 Isosafrole Peak 1	162		7.921					9
92 2,4,6-Trichlorophenol	196		7.993					
93 2,4,5-Trichlorophenol	196		8.025					
227 Isosafrole Peak 2	162		8.114					9
97 2,4-Toluene diamine	121		8.132					
99 1,2,3,4 -Tetrachlorobenzene	216		8.148					
98 1,1'-Biphenyl	154		8.154					
100 2-Chloronaphthalene	162		8.180					
102 2-Nitroaniline	65		8.250					
103 1,4-Naphthoquinone	158		8.322					
104 1,4-Dinitrobenzene	168		8.365					
105 Dimethyl phthalate	163		8.389					
106 1,3-Dinitrobenzene	168		8.424					
107 2,6-Dinitrotoluene	165		8.447					
108 1,2-Dinitrobenzene	168		8.501					
109 Acenaphthylene	152		8.538					
110 3-Nitroaniline	138		8.597					
112 Acenaphthene	153		8.683					
111 2,4-Dinitrophenol	184	8.680	8.683	-0.003	25	3695	1.38	
113 4-Nitrophenol	109		8.709					
114 2,4-Dinitrotoluene	165		8.789					
115 Pentachlorobenzene	250		8.792					
116 Dibenzofuran	168		8.827					
118 2,3,5,6-Tetrachlorophenol	232		8.886					
117 1-Naphthylamine	143		8.888					
119 2,3,4,6-Tetrachlorophenol	232		8.920					
120 2-Naphthylamine	143		8.958					
121 Diethyl phthalate	149		8.982					
122 Thionazin	97		9.054					
123 4-Chlorophenyl phenyl ether	204		9.099					
124 N-Nitro-o-toluidine	152		9.113					
125 4-Nitroaniline	138		9.115					
126 Fluorene	166		9.121					
128 4,6-Dinitro-2-methylphenol	198	9.134	9.137	-0.003	1	6398	1.04	
127 Tributyl phosphate	99		9.139					9
131 N-Nitrosodiphenylamine	169		9.195					
130 Diphenylamine	169		9.198					
176 Hexabromobenzene	232		9.208					
132 1,2-Diphenylhydrazine	77		9.238					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
133 Azobenzene	77		9.238					
134 Sulfotepp	202		9.305					
135 1,3,5-Trinitrobenzene	213		9.391					
137 Phenacetin	108		9.433					
228 Diallate Peak 1	86		9.433					9
138 Phorate	121		9.444					
230 Diallate Peak 2	86		9.513					9
139 4-Bromophenyl phenyl ether	248		9.521					
179 6-Methylchrysene	242		9.576					
141 Hexachlorobenzene	284		9.585					
140 Dimethoate	87		9.588					9
142 Atrazine	200		9.628					
129 4-Aminobiphenyl	169		9.738					9
143 Pentachlorophenol	266		9.740					
145 Pentachloronitrobenzene	237		9.754					
144 Pronamide	173		9.759					
147 Dinoseb	211		9.877					
146 Disulfoton	88		9.882					9
148 Phenanthrene	178		9.938					
149 Anthracene	178		9.986					
150 DFTPP								
151 Carbazole	167		10.104					
152 Methyl parathion	109		10.203					
154 Di-n-butyl phthalate	149		10.360					
155 Ethyl Parathion	97		10.523					9
156 4-Nitroquinoline-1-oxide	190		10.582					
157 Methapyrilene	58		10.625					9
158 Isodrin	66		10.828					
159 Fluoranthene	202		10.958					
160 Benzidine	184		11.054					
161 Pyrene	202		11.177					
166 4,4'-DDE	246		11.233					9
226 Aramite Peak 1	185		11.244					9
229 Aramite Peak 2	185		11.319					9
163 p-Dimethylamino azobenzene	225		11.431					
164 Chlorobenzilate	139		11.463					
165 4,4'-DDD	235		11.618					
187 Dibenz[a,h]acridine	279		11.729					
167 Famphur	218		11.736					
168 Butyl benzyl phthalate	149		11.786					
169 3,3'-Dimethylbenzidine	212		11.794					
186 Dibenz[a,j]acridine	279		11.804					
170 4,4'-DDT	235		11.917					
171 2-Acetylaminofluorene	181		12.094					
172 3,3'-Dimethoxybenzidine	244		12.417					
174 4,4'-Methylene bis(2-chloroanili	231		12.465					
175 3,3'-Dichlorobenzidine	252		12.465					
173 Bis(2-ethylhexyl) phthalate	149		12.481					
177 Benzo[a]anthracene	228		12.524					
178 Chrysene	228		12.577					
180 Di-n-octyl phthalate	149		13.421					
181 7,12-Dimethylbenz(a)anthracene	256		14.065					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
182 Benzo[b]fluoranthene	252		14.083					
183 Benzo[k]fluoranthene	252		14.126					
184 Benzo[a]pyrene	252		14.596					
185 3-Methylcholanthrene	268		15.139					
188 Indeno[1,2,3-cd]pyrene	276		16.402					
189 Dibenz(a,h)anthracene	278		16.429					9
190 Benzo[g,h,i]perylene	276		16.888					
S 191 Methyl Phenols,Total	100		0.000					7
S 95 Isosafrole	162		5.568					7
S 136 Diallate	86		6.701					7
S 162 Aramite, Total	185		8.271					7
T 192 Octadecane (TIC)	57		0.000					1
T 195 Hydroquinone TIC	110		0.000					
T 194 Decane TIC	57		0.000					1
T 240 Trimethyl phosphate TIC	110		3.120					1
T 234 2-Isopropylphenol TIC	121		4.623					1
T 236 3-isopropylphenol TIC	121		4.756					1
T 235 4-isopropylphenol TIC	121		4.756					1
T 193 Hexamethylphosphoramide TIC	135		5.100					1
T 237 3-(1,1-Dimethylethyl Phenol) TIC	135		5.110					1
T 196 Kepone TIC	272		8.281					1
T 242 Triphenyl Phosphate TIC	326		8.700					1
T 238 2,3,7,8-TCDD TIC	1		9.000					1
T 231 2,3,7,8-TCDD	322		9.150					1
T 197 Hexachlorophene TIC	198		9.269					1
T 241 Tricresyl phosphate TIC	368		9.372					1
T 239 Tris(2,3-dibromopropyl)phosphate	201		10.600					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

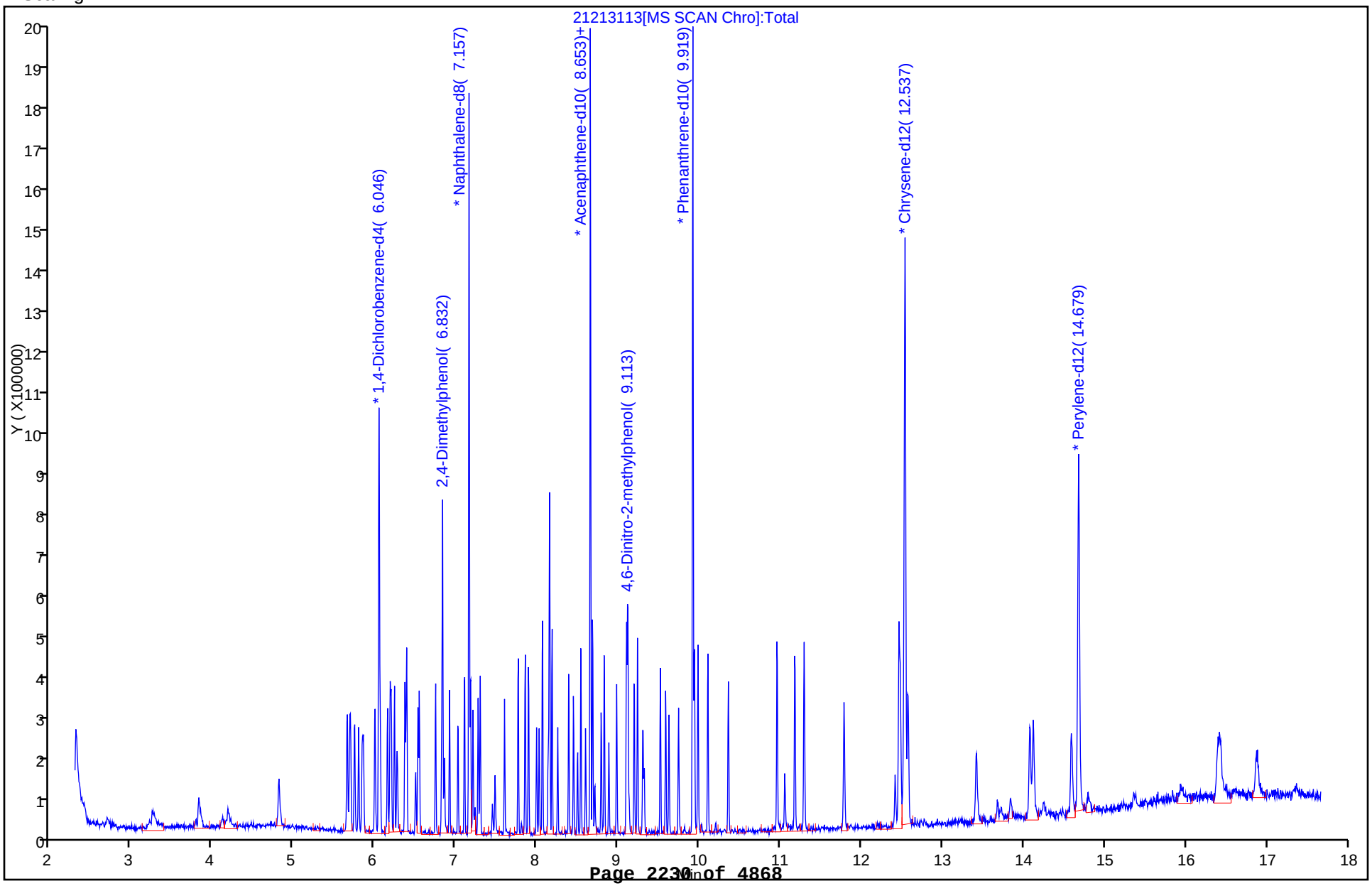
Report Date: 14-Dec-2012 10:56:10 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121213-15814.b\21213113.D

Injection Date:	13-Dec-2012 19:42:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68588	Lims Sample ID:	13
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: mdll4 Calibration Date: 12/13/2012 20:06

Instrument ID: A4HP9 Calib Start Date: 12/11/2012 12:10

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/11/2012 15:28

Lab File ID: 21213114.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Hexachlorocyclopentadiene	Ave	0.3801			0.157	2.00		
1,1'-Biphenyl	Ave	1.370			0.000800	2.00		
1,2,4-Trichlorobenzene	Ave	0.3791			0.000800	2.00		
1,2-Dichlorobenzene	Ave	1.701			0.000800	2.00		
1,2-Diphenylhydrazine(as Azobenzene)	Ave	1.281			0.000800	2.00		
1,3-Dichlorobenzene	Ave	1.785			0.000800	2.00		
1,4-Dichlorobenzene	Ave	1.508			0.000800	2.00		
1,4-Dioxane	Qua				0.000800	2.00		
2,4,5-Trichlorophenol	Ave	0.3509			0.000800	2.00		
2,4,6-Trichlorophenol	Ave	0.3296			0.000800	2.00		
2,4-Dichlorophenol	Ave	0.2648			0.000800	2.00		
2,4-Dimethylphenol	Ave	0.4549			0.000800	2.00		
2,4-Dinitrophenol	Qua				0.00240	4.00		
2,4-Dinitrotoluene	Ave	0.4097			0.000800	2.00		
2,6-Dinitrotoluene	Qua				0.000800	2.00		
2-Chloronaphthalene	Ave	1.237			0.000100	2.00		
2-Chlorophenol	Ave	1.356			0.000800	2.00		
2-Methylnaphthalene	Ave	0.6859			0.000100	2.00		
2-Methylphenol	Ave	1.516			0.000800	2.00		
2-Nitroaniline	Ave	0.4702			0.000800	2.00		
2-Nitrophenol	Ave	0.1739			0.000800	2.00		
3 & 4 Methylphenol	Ave	1.624			0.000800	2.00		
3,3'-Dichlorobenzidine	Ave	0.3751			0.000800	2.00		
3-Nitroaniline	Ave	0.2802			0.000800	2.00		
4,6-Dinitro-2-methylphenol	Qua				0.00240	2.00		
4-Bromophenyl phenyl ether	Ave	0.2201			0.000800	2.00		
4-Chloro-3-methylphenol	Ave	0.3920			0.000800	2.00		
4-Chlorophenyl phenyl ether	Ave	0.7347			0.000800	2.00		
4-Nitroaniline	Qua				0.000800	2.00		
4-Nitrophenol	Ave	0.2223			0.00240	2.00		

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: mdll4 Calibration Date: 12/13/2012 20:06

Instrument ID: A4HP9 Calib Start Date: 12/11/2012 12:10

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/11/2012 15:28

Lab File ID: 21213114.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Acenaphthene	Ave	1.124			0.000100	2.00		
Acenaphthylene	Ave	1.742			0.000100	2.00		
Acetophenone	Ave	2.431			0.000800	2.00		
Aniline	Ave	2.926			0.00240	2.00		
Anthracene	Ave	1.055			0.000100	2.00		
Atrazine	Ave	0.1567			0.000800	2.00		
Benzaldehyde	Ave	2.129			0.000800	2.00		
Benzidine	Qua				0.00240	2.00		
Benzo[a]anthracene	Ave	1.108			0.000100	2.00		
Benzo[a]pyrene	Ave	1.113			0.000100	2.00		
Benzo[b]fluoranthene	Ave	1.241			0.000100	2.00		
Benzo[g,h,i]perylene	Ave	1.017			0.000100	2.00		
Benzo[k]fluoranthene	Ave	1.231			0.000100	2.00		
Benzoic acid	Qua				0.0100	4.00		
Benzyl alcohol	Ave	1.046			0.000800	2.00		
Bis(2-chloroethoxy)methane	Ave	0.6949			0.000800	2.00		
Bis(2-chloroethyl)ether	Ave	2.220			0.000100	2.00		
Bis(2-ethylhexyl) phthalate	Ave	0.7246			0.000800	2.00		
Butyl benzyl phthalate	Ave	0.5018			0.000800	2.00		
Caprolactam	Ave	0.1033			0.000800	2.00		
Carbazole	Ave	0.997			0.000800	2.00		
Chrysene	Ave	1.022			0.000100	2.00		
Dibenz(a,h)anthracene	Ave	1.035			0.000100	2.00		
Dibenzofuran	Ave	1.529			0.000100	2.00		
Diethyl phthalate	Ave	1.198			0.000800	2.00		
Dimethyl phthalate	Ave	1.198			0.000800	2.00		
Di-n-butyl phthalate	Ave	1.234			0.000800	2.00		
Di-n-octyl phthalate	Qua				0.000800	2.00		
Fluoranthene	Ave	1.170			0.000100	2.00		

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: mdll4 Calibration Date: 12/13/2012 20:06

Instrument ID: A4HP9 Calib Start Date: 12/11/2012 12:10

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/11/2012 15:28

Lab File ID: 21213114.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Fluorene	Ave	1.287			0.000100	2.00		
Hexachlorobenzene	Ave	0.2171			0.000100	2.00		
Hexachlorobutadiene	Ave	0.2075			0.000080	2.00		
Hexachloroethane	Ave	0.7781			0.000080	2.00		
Indeno[1,2,3-cd]pyrene	Ave	1.227			0.000100	2.00		
Isophorone	Ave	1.056			0.000080	2.00		
Naphthalene	Ave	1.020			0.000100	2.00		
Nitrobenzene	Ave	0.7249			0.000100	2.00		
N-Nitrosodimethylamine	Qua				0.000080	2.00		
N-Nitrosodi-n-propylamine	Ave	1.615			0.000080	2.00		
N-Nitrosodiphenylamine	Ave	0.5305			0.000080	2.00		
Pentachlorophenol	Qua				0.00240	4.00		
Phenanthrene	Ave	1.093			0.000100	2.00		
Phenol	Ave	2.416			0.000080	2.00		
Pyrene	Ave	1.200			0.000100	2.00		
Pyridine	Ave	1.899			0.000080	2.00		
2,4,6-Tribromophenol (Surr)	Ave	0.1212			0.000000	2.00	0*	35-125
2-Fluorobiphenyl (Surr)	Ave	1.541			0.000000	2.00	0*	45-105
2-Fluorophenol (Surr)	Ave	1.462			0.000000	2.00	0*	35-105
Nitrobenzene-d5 (Surr)	Ave	0.6785			0.000000	2.00	0*	35-100
Phenol-d5 (Surr)	Ave	2.119			0.000000	2.00	0*	40-100
Terphenyl-d14 (Surr)	Ave	0.8035			0.000000	2.00	0*	30-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121213-15814.b\21213114.D
Lims ID: mdll4 Client ID:
Inject. Date: 13-Dec-2012 20:06:30 Dil. Factor: 1.0000
Sample Type: LODV
Sample ID: 240-0015814-014
Misc. Info.: MDLL4 =MDLL4
Operator: 001574 Instrument ID: A4HP9
Injection Vol: 1.0 ul ALS Bottle#: 14
Lims Batch ID: 68588 Lims Sample ID: 14
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121213-15814.b\8270 _9.m
Last Update: 14-Dec-2012 10:56:03 Calib Date: 13-Dec-2012 11:31:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121213-15797.b\21213010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: 5% phenyl Column Dia: 0.18 mm
Process Host: XAWRK024

First Level Reviewer: ulmanm Date: 14-Dec-2012 09:35:34

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	6.046	6.046	0.0	94	116475	4.00	
* 2 Naphthalene-d8	136	7.157	7.158	-0.001	98	478655	4.00	
* 3 Acenaphthene-d10	164	8.653	8.653	0.0	67	290180	4.00	
* 4 Phenanthrene-d10	188	9.919	9.919	0.0	79	503147	4.00	
* 5 Chrysene-d12	240	12.537	12.537	0.0	76	516156	4.00	
* 6 Perylene-d12	264	14.679	14.685	-0.006	73	396451	4.00	
$ 7 2-Fluorophenol	112		4.809					
$ 8 Phenol-d5	99		5.686					
$ 9 Nitrobenzene-d5	82		6.530					
$ 10 2-Fluorobiphenyl (Surr)	172		8.063					
$ 11 2,4,6-Tribromophenol	330		9.318					
$ 12 Terphenyl-d14	244		11.295					
20 Dimethylformamide	1		0.000					
23 2,5-Dichlorophenol	1		0.000					
18 Bis(4-hydroxyphenyl)methane	1		0.000					
19 Octachlorostyrene	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
22 Bis(2-hydroxyphenyl)methane	1		0.000					
13 Octachlorocyclopentene	1		0.000					
25 1,4-Dioxane	88		2.694					
35 Acrylamide	71		2.744					
26 N-Nitrosodimethylamine	74		3.191					
27 Pyridine	79		3.234					
42 Phenylmercaptan	110		3.596					
28 Ethyl methacrylate	69		3.827					
232 1-Methyl-2-pyrrilidinone	99		3.880					14
52 Indene	115		4.084					
29 3-Chloropropionitrile	54		4.179					
31 2-Picoline	93		4.193					
32 N-Nitrosomethylethylamine	88		4.326					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
17 4-Chlorophenol	128		4.500					9
33 Malononitrile	66		4.580					9
24 Catechol	110		4.592					
34 Methyl methanesulfonate	80		4.647					
30 3-Picoline	93		4.705					9
233 n,n'-Dimethylacetamide	44		4.727					
15 3-Methylcatechol	124		4.913					
14 4-Methylcatechol	124		5.036					
81 Benzothiazole	135		5.046					
36 N-Nitrosodiethylamine	102		5.047					
82 Quinoline	129		5.099					
37 Ethyl methanesulfonate	79		5.331					9
38 2-Methylcyclohexanone	68		5.544					
39 3-Methylcyclohexanone	69		5.582					
40 4-Methylcyclohexanone	55		5.630					
41 Benzaldehyde	77		5.654					
43 Phenol	94		5.696					
96 3,4-Dichloronitrobenzene	109		5.725					
44 Aniline	93		5.744					
101 Phenyl ether	170		5.773					
45 Pentachloroethane	167		5.795					
69 Bis(2-chloroethyl)ether	93		5.798					
46 2-Chlorophenol	128		5.857					
47 1,3-Dichlorobenzene	146		5.995					
48 1,4-Dichlorobenzene	146		6.060					
49 Benzyl alcohol	108		6.150					
50 1,2-Dichlorobenzene	146		6.198					
51 2-Methylphenol	108		6.236					
53 2,2'-oxybis[1-chloropropane]	45		6.273					
21 3 & 4 Methylphenol	108		6.364					
56 N-Nitrosopyrrolidine	100		6.367					9
57 N-Nitrosodi-n-propylamine	70		6.380					
58 Acetophenone	105		6.391					
59 N-Nitrosomorpholine	56		6.399					9
60 2-Toluidine	106		6.420					9
61 Hexachloroethane	117		6.498					
62 Nitrobenzene	77		6.546					
63 N-Nitrosopiperidine	114		6.677					
64 Isophorone	82		6.743					
66 2-Nitrophenol	139		6.818					
67 1,3,5-Trichlorobenzene	180		6.829					
65 2,4-Dimethylphenol	107		6.834					
71 Benzoic acid	122		6.888					
68 o,o',o''-Triethylphosphorothioat	198		6.890					
70 Bis(2-chloroethoxy)methane	93		6.920					
72 alpha,alpha-Dimethyl phenethylam	58		7.013					9
73 2,4-Dichlorophenol	162		7.021					
74 1,2,4-Trichlorobenzene	180		7.101					
75 Naphthalene	128		7.176					
76 4-Chloroaniline	127		7.208					
77 2,6-Dichlorophenol	162		7.216					
78 Hexachloropropene	213		7.248					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
79 Hexachlorobutadiene	225		7.272					
80 1,2,3-Trichlorobenzene	180		7.294					
83 N-Nitrosodi-n-butylamine	84		7.478					9
84 Caprolactam	113		7.486					
85 p-Phenylene diamine	108		7.505					9
86 4-Chloro-3-methylphenol	107		7.598					
153 Diphenylsulfone	125		7.616					
94 Safrole, Total	162		7.670					
87 2-Methylnaphthalene	142		7.764					
88 1-Methylnaphthalene	142		7.849					
90 1,2,3,5-Tetrachlorobenzene	216		7.892					
89 Hexachlorocyclopentadiene	237	7.895	7.892	0.003	25	4320	0.1567	
91 1,2,4,5-Tetrachlorobenzene	216		7.905					
225 Isosafrole Peak 1	162		7.921					9
92 2,4,6-Trichlorophenol	196		7.993					
93 2,4,5-Trichlorophenol	196		8.025					
227 Isosafrole Peak 2	162		8.114					
97 2,4-Toluene diamine	121		8.132					
99 1,2,3,4 -Tetrachlorobenzene	216		8.148					
98 1,1'-Biphenyl	154		8.154					
100 2-Chloronaphthalene	162		8.180					
102 2-Nitroaniline	65		8.250					
103 1,4-Naphthoquinone	158		8.322					
104 1,4-Dinitrobenzene	168		8.365					
105 Dimethyl phthalate	163		8.389					
106 1,3-Dinitrobenzene	168		8.424					
107 2,6-Dinitrotoluene	165		8.447					
108 1,2-Dinitrobenzene	168		8.501					
109 Acenaphthylene	152		8.538					
110 3-Nitroaniline	138		8.597					
112 Acenaphthene	153		8.683					
111 2,4-Dinitrophenol	184		8.683					
113 4-Nitrophenol	109		8.709					
114 2,4-Dinitrotoluene	165		8.789					
115 Pentachlorobenzene	250		8.792					
116 Dibenzofuran	168		8.827					
118 2,3,5,6-Tetrachlorophenol	232		8.886					
117 1-Naphthylamine	143		8.888					9
119 2,3,4,6-Tetrachlorophenol	232		8.920					
120 2-Naphthylamine	143		8.958					9
121 Diethyl phthalate	149		8.982					
122 Thionazin	97		9.054					9
123 4-Chlorophenyl phenyl ether	204		9.099					
124 N-Nitro-o-toluidine	152		9.113					9
125 4-Nitroaniline	138		9.115					
126 Fluorene	166		9.121					
128 4,6-Dinitro-2-methylphenol	198		9.137					9
127 Tributyl phosphate	99		9.139					9
131 N-Nitrosodiphenylamine	169		9.195					
130 Diphenylamine	169		9.198					
176 Hexabromobenzene	232		9.208					
132 1,2-Diphenylhydrazine	77		9.238					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
133 Azobenzene	77		9.238					
134 Sulfotepp	202		9.305					
135 1,3,5-Trinitrobenzene	213		9.391					
137 Phenacetin	108		9.433					9
228 Diallate Peak 1	86		9.433					9
138 Phorate	121		9.444					
230 Diallate Peak 2	86		9.513					9
139 4-Bromophenyl phenyl ether	248		9.521					
179 6-Methylchrysene	242		9.576					
141 Hexachlorobenzene	284		9.585					
140 Dimethoate	87		9.588					9
142 Atrazine	200		9.628					
129 4-Aminobiphenyl	169		9.738					9
143 Pentachlorophenol	266		9.740					
145 Pentachloronitrobenzene	237		9.754					9
144 Pronamide	173		9.759					
147 Dinoseb	211		9.877					
146 Disulfoton	88		9.882					9
148 Phenanthrene	178		9.938					
149 Anthracene	178		9.986					
150 DFTPP								
151 Carbazole	167		10.104					
152 Methyl parathion	109		10.203					
154 Di-n-butyl phthalate	149		10.360					
155 Ethyl Parathion	97		10.523					
156 4-Nitroquinoline-1-oxide	190		10.582					
157 Methapyrilene	58		10.625					9
158 Isodrin	66		10.828					
159 Fluoranthene	202		10.958					
160 Benzidine	184		11.054					
161 Pyrene	202		11.177					
166 4,4'-DDE	246		11.233					9
226 Aramite Peak 1	185		11.244					9
229 Aramite Peak 2	185		11.319					9
163 p-Dimethylamino azobenzene	225		11.431					
164 Chlorobenzilate	139		11.463					
165 4,4'-DDD	235		11.618					
187 Dibenz[a,h]acridine	279		11.729					
167 Famphur	218		11.736					
168 Butyl benzyl phthalate	149		11.786					
169 3,3'-Dimethylbenzidine	212		11.794					
186 Dibenz[a,j]acridine	279		11.804					
170 4,4'-DDT	235		11.917					
171 2-Acetylaminofluorene	181		12.094					
172 3,3'-Dimethoxybenzidine	244		12.417					
174 4,4'-Methylene bis(2-chloroanili	231		12.465					
175 3,3'-Dichlorobenzidine	252		12.465					
173 Bis(2-ethylhexyl) phthalate	149		12.481					
177 Benzo[a]anthracene	228		12.524					
178 Chrysene	228		12.577					
180 Di-n-octyl phthalate	149		13.421					
181 7,12-Dimethylbenz(a)anthracene	256		14.065					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
182 Benzo[b]fluoranthene	252		14.083					
183 Benzo[k]fluoranthene	252		14.126					
184 Benzo[a]pyrene	252		14.596					
185 3-Methylcholanthrene	268		15.139					
188 Indeno[1,2,3-cd]pyrene	276		16.402					
189 Dibenz(a,h)anthracene	278		16.429					
190 Benzo[g,h,i]perylene	276		16.888					
S 191 Methyl Phenols,Total	100		0.000					7
S 95 Isosafrole	162		5.568					7
S 136 Diallate	86		6.701					7
S 162 Aramite, Total	185		8.271					7
T 192 Octadecane (TIC)	57		0.000					
T 195 Hydroquinone TIC	110		0.000					
T 194 Decane TIC	57		0.000					1
T 240 Trimethyl phosphate TIC	110		3.120					1
T 234 2-Isopropylphenol TIC	121		4.623					1
T 236 3-isopropylphenol TIC	121		4.756					1
T 235 4-isopropylphenol TIC	121		4.756					1
T 193 Hexamethylphosphoramide TIC	135		5.100					1
T 237 3-(1,1-Dimethylethyl Phenol) TIC	135		5.110					1
T 196 Kepone TIC	272		8.281					
T 242 Triphenyl Phosphate TIC	326		8.700					1
T 238 2,3,7,8-TCDD TIC	1		9.000					1
T 231 2,3,7,8-TCDD	322		9.150					1
T 197 Hexachlorophene TIC	198		9.269					1
T 241 Tricresyl phosphate TIC	368		9.372					1
T 239 Tris(2,3-dibromopropyl)phosphate	201		10.600					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
4 - Failed Signal Ratio Test
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

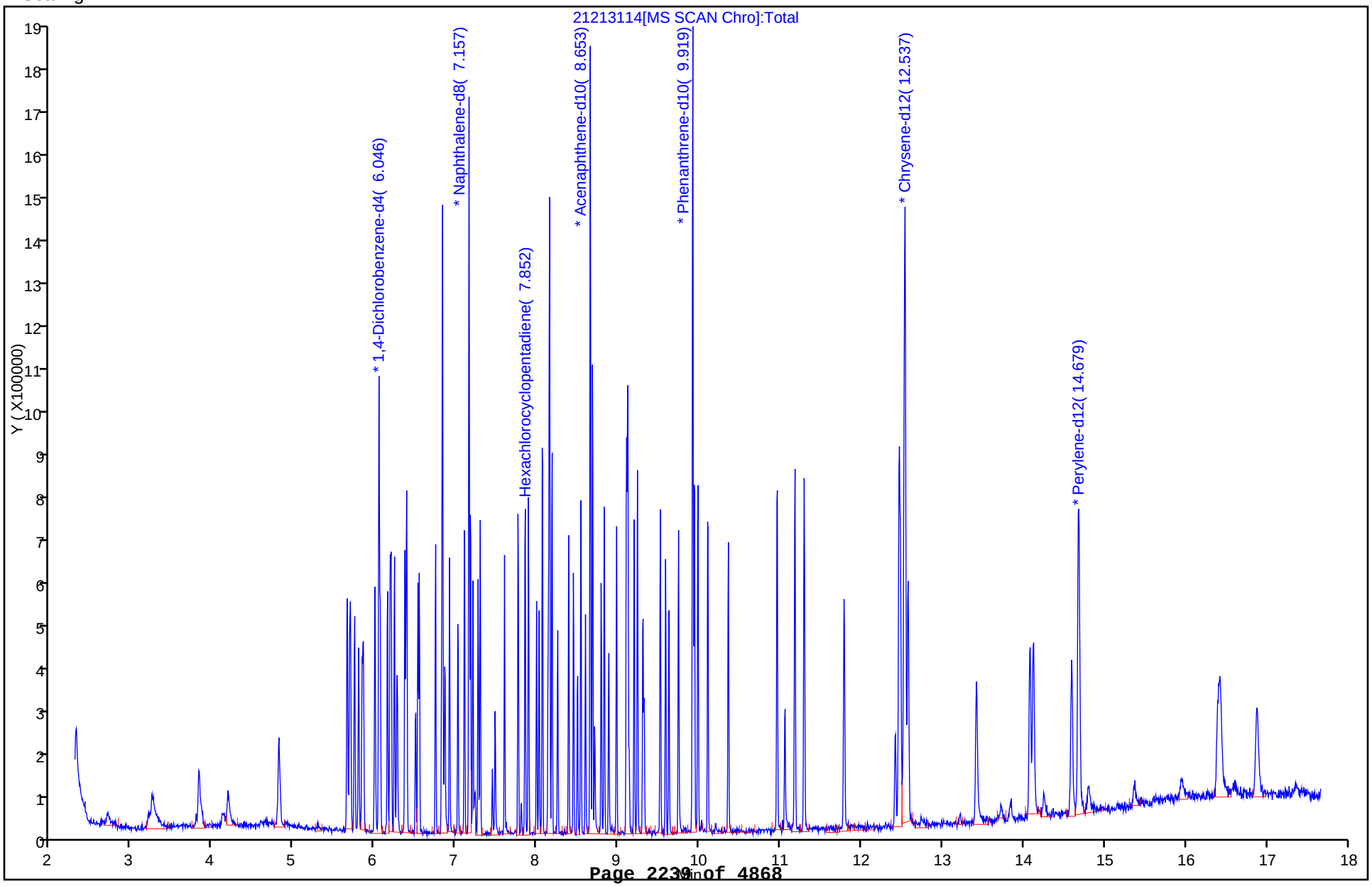
Report Date: 14-Dec-2012 10:56:11 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121213-15814.b\21213114.D

Injection Date:	13-Dec-2012 20:06:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68588	Lims Sample ID:	14
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: CCV 240-68844/2 Calibration Date: 12/15/2012 11:47

Instrument ID: A4HP9 Calib Start Date: 12/11/2012 12:10

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/11/2012 15:28

Lab File ID: 21215002.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Qua		0.8027		11.5	10.0	14.8	
N-Nitrosodimethylamine	Qua		1.187		12.2	10.0	22.2	
Pyridine	Ave	1.899	2.156		11.4	10.0	13.5	
Benzaldehyde	Ave	2.129	2.345		11.0	10.0	10.1	
Phenol	Ave	2.416	2.611		10.8	10.0	8.1	
Aniline	Ave	2.926	3.233		11.1	10.0	10.5	
Bis(2-chloroethyl)ether	Ave	2.220	2.397		10.8	10.0	8.0	
2-Chlorophenol	Ave	1.356	1.442		10.6	10.0	6.4	
1,3-Dichlorobenzene	Ave	1.785	1.831		10.3	10.0	2.6	
1,4-Dichlorobenzene	Ave	1.508	1.570		10.4	10.0	4.1	
Benzyl alcohol	Ave	1.046	1.035		9.89	10.0	-1.1	
1,2-Dichlorobenzene	Ave	1.701	1.763		10.4	10.0	3.6	
2-Methylphenol	Ave	1.516	1.681		11.1	10.0	10.9	
3 & 4 Methylphenol	Ave	1.624	1.724		10.6	10.0	6.1	
N-Nitrosodi-n-propylamine	Ave	1.615	1.757		10.9	10.0	8.8	
Acetophenone	Ave	2.431	2.606		10.7	10.0	7.2	
Hexachloroethane	Ave	0.7781	0.8042		10.3	10.0	3.4	
Nitrobenzene	Ave	0.7249	0.7626		10.5	10.0	5.2	
Isophorone	Ave	1.056	1.121		10.6	10.0	6.1	
2-Nitrophenol	Ave	0.1739	0.1781		10.2	10.0	2.5	
2,4-Dimethylphenol	Ave	0.4549	0.4628		10.2	10.0	1.7	
Benzoic acid	Qua		0.1736		16.2	20.0	-19.2	
Bis(2-chloroethoxy)methane	Ave	0.6949	0.7033		10.1	10.0	1.2	
2,4-Dichlorophenol	Ave	0.2648	0.2606		9.84	10.0	-1.6	
1,2,4-Trichlorobenzene	Ave	0.3791	0.3705		9.77	10.0	-2.3	
Naphthalene	Ave	1.020	0.9754		9.56	10.0	-4.4	
Hexachlorobutadiene	Ave	0.2075	0.2133		10.3	10.0	2.8	
Caprolactam	Ave	0.1033	0.1235		11.9	10.0	19.5	
4-Chloro-3-methylphenol	Ave	0.3920	0.3917		9.99	10.0	-0.0	
2-Methylnaphthalene	Ave	0.6859	0.6637		9.68	10.0	-3.2	
Hexachlorocyclopentadiene	Ave	0.3801	0.3565		9.38	10.0	-6.2	
2,4,6-Trichlorophenol	Ave	0.3296	0.3232		9.80	10.0	-2.0	
2,4,5-Trichlorophenol	Ave	0.3509	0.3558		10.1	10.0	1.4	
1,1'-Biphenyl	Ave	1.370	1.361		9.94	10.0	-0.6	
2-Chloronaphthalene	Ave	1.237	1.255		10.1	10.0	1.4	
2-Nitroaniline	Ave	0.4702	0.5230		11.1	10.0	11.2	
Dimethyl phthalate	Ave	1.198	1.160		9.68	10.0	-3.2	
2,6-Dinitrotoluene	Qua		0.3304		10.3	10.0	2.8	
Acenaphthylene	Ave	1.742	1.758		10.1	10.0	0.9	
3-Nitroaniline	Ave	0.2802	0.2863		10.2	10.0	2.2	
2,4-Dinitrophenol	Qua		0.1636		17.5	20.0	-12.4	

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: CCV 240-68844/2 Calibration Date: 12/15/2012 11:47

Instrument ID: A4HP9 Calib Start Date: 12/11/2012 12:10

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/11/2012 15:28

Lab File ID: 21215002.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Acenaphthene	Ave	1.124	1.112		9.90	10.0	-1.0	
4-Nitrophenol	Ave	0.2223	0.2002		9.01	10.0	-9.9	
2,4-Dinitrotoluene	Ave	0.4097	0.4339		10.6	10.0	5.9	
Dibenzofuran	Ave	1.529	1.507		9.86	10.0	-1.4	
Diethyl phthalate	Ave	1.198	1.209		10.1	10.0	0.9	
4-Chlorophenyl phenyl ether	Ave	0.7347	0.7086		9.64	10.0	-3.6	
4-Nitroaniline	Qua		0.3298		10.3	10.0	3.3	
Fluorene	Ave	1.287	1.269		9.86	10.0	-1.4	
4,6-Dinitro-2-methylphenol	Qua		0.1234		9.23	10.0	-7.7	
N-Nitrosodiphenylamine	Ave	0.5305	0.5243		9.88	10.0	-1.2	
1,2-Diphenylhydrazine(as Azobenzene)	Ave	1.281	1.371		10.7	10.0	7.0	
4-Bromophenyl phenyl ether	Ave	0.2201	0.2143		9.73	10.0	-2.7	
Hexachlorobenzene	Ave	0.2171	0.2166		9.98	10.0	-0.2	
Atrazine	Ave	0.1567	0.1658		10.6	10.0	5.8	
Pentachlorophenol	Qua		0.1260		18.1	20.0	-9.7	
Phenanthrene	Ave	1.093	1.023		9.36	10.0	-6.4	
Anthracene	Ave	1.055	1.082		10.3	10.0	2.5	
Carbazole	Ave	0.997	0.9893		9.92	10.0	-0.8	
Di-n-butyl phthalate	Ave	1.234	1.197		9.70	10.0	-3.0	
Fluoranthene	Ave	1.170	1.155		9.87	10.0	-1.3	
Benzidine	Qua		0.4594		8.86	10.0	-11.4	
Pyrene	Ave	1.200	1.160		9.66	10.0	-3.4	
Butyl benzyl phthalate	Ave	0.5018	0.4782		9.53	10.0	-4.7	
3,3'-Dichlorobenzidine	Ave	0.3751	0.3801		10.1	10.0	1.3	
Bis(2-ethylhexyl) phthalate	Ave	0.7246	0.7177		9.91	10.0	-0.9	
Benzo[a]anthracene	Ave	1.108	1.057		9.54	10.0	-4.6	
Chrysene	Ave	1.022	0.9896		9.69	10.0	-3.1	
Di-n-octyl phthalate	Qua		1.490		9.32	10.0	-6.8	
Benzo[b]fluoranthene	Ave	1.241	1.268		10.2	10.0	2.2	
Benzo[k]fluoranthene	Ave	1.231	1.305		10.6	10.0	6.0	
Benzo[a]pyrene	Ave	1.113	1.175		10.5	10.0	5.5	
Indeno[1,2,3-cd]pyrene	Ave	1.227	1.265		10.3	10.0	3.1	
Dibenz(a,h)anthracene	Ave	1.035	1.024		9.90	10.0	-1.0	
Benzo[g,h,i]perylene	Ave	1.017	1.079		10.6	10.0	6.2	
2-Fluorophenol (Surr)	Ave	1.462	1.601		11.0	10.0	9.5	
Phenol-d5 (Surr)	Ave	2.119	2.421		11.4	10.0	14.3	
Nitrobenzene-d5 (Surr)	Ave	0.6785	0.7207		10.6	10.0	6.2	
2-Fluorobiphenyl (Surr)	Ave	1.541	1.488		9.66	10.0	-3.4	
2,4,6-Tribromophenol (Surr)	Ave	0.1212	0.1251		10.3	10.0	3.2	
Terphenyl-d14 (Surr)	Ave	0.8035	0.7707		9.59	10.0	-4.1	

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121215-15876.b\21215002.D
Lims ID: ccv tcl
Client ID:
Inject. Date: 15-Dec-2012 11:47:30
Dil. Factor: 1.0000
Sample Type: CCVIS
Sample ID: 240-0015876-002
Misc. Info.: CCV TCL =CCV TCL
Operator: 001574
Instrument ID: A4HP9
Injection Vol: 1.0 ul
ALS Bottle#: 2
Lims Batch ID: 68844
Lims Sample ID: 2
Sublist: chrom-8270 _9*sub13
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121215-15876.b\8270 _9.m
Last Update: 17-Dec-2012 09:53:13
Calib Date: 13-Dec-2012 11:31:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121213-15797.b\21213010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: 5% phenyl
Column Dia: 0.18 mm
Process Host: XAWRK007

First Level Reviewer: ulmanm
Date: 15-Dec-2012 12:26:15

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.986	5.986	0.0	86	99278	4.00	
* 2 Naphthalene-d8	136	7.102	7.102	0.0	98	418227	4.00	
* 3 Acenaphthene-d10	164	8.603	8.603	0.0	65	251215	4.00	
* 4 Phenanthrene-d10	188	9.864	9.864	0.0	95	437370	4.00	
* 5 Chrysene-d12	240	12.450	12.450	0.0	75	460491	4.00	
* 6 Perylene-d12	264	14.560	14.560	0.0	84	352632	4.00	
$ 7 2-Fluorophenol	112	4.736	4.736	0.0	94	397470	11.0	
$ 8 Phenol-d5	99	5.628	5.628	0.0	0	600911	11.4	
$ 9 Nitrobenzene-d5	82	6.472	6.472	0.0	81	753523	10.6	
$ 10 2-Fluorobiphenyl (Surr)	172	8.010	8.010	0.0	99	934284	9.66	
$ 11 2,4,6-Tribromophenol	330	9.266	9.266	0.0	73	78551	10.3	
$ 12 Terphenyl-d14	244	11.226	11.226	0.0	95	887256	9.59	
25 1,4-Dioxane	88	2.524	2.524	0.0	86	199218	11.5	
26 N-Nitrosodimethylamine	74	3.010	3.010	0.0	81	294718	12.2	
27 Pyridine	79	3.064	3.064	0.0	91	535111	11.4	
28 Ethyl methacrylate	69	3.705	3.705	0.0	85	471702	10.8	
29 3-Chloropropionitrile	54	4.084	4.084	0.0	85	256455	13.3	
33 Malononitrile	66		4.463					
41 Benzaldehyde	77	5.590	5.590	0.0	83	582042	11.0	
43 Phenol	94	5.644	5.644	0.0	95	648047	10.8	
44 Aniline	93	5.687	5.687	0.0	96	802411	11.1	
69 Bis(2-chloroethyl)ether	93	5.740	5.740	0.0	96	594977	10.8	
46 2-Chlorophenol	128	5.793	5.793	0.0	88	358016	10.6	
47 1,3-Dichlorobenzene	146	5.938	5.938	0.0	83	454465	10.3	
48 1,4-Dichlorobenzene	146	6.002	6.002	0.0	80	389579	10.4	
49 Benzyl alcohol	108	6.098	6.098	0.0	83	256759	9.89	
50 1,2-Dichlorobenzene	146	6.141	6.141	0.0	78	437613	10.4	
51 2-Methylphenol	108	6.189	6.189	0.0	93	417109	11.1	
53 2,2'-oxybis[1-chloropropane]	45	6.216	6.216	0.0	95	616782	11.4	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
21 3 & 4 Methylphenol	108	6.317	6.317	0.0	92	427777	10.6	
57 N-Nitrosodi-n-propylamine	70	6.328	6.328	0.0	74	436041	10.9	
58 Acetophenone	105	6.338	6.338	0.0	83	646813	10.7	
61 Hexachloroethane	117	6.445	6.445	0.0	90	199608	10.3	
62 Nitrobenzene	77	6.488	6.488	0.0	72	797352	10.5	
64 Isophorone	82	6.691	6.691	0.0	95	1171585	10.6	
66 2-Nitrophenol	139	6.766	6.766	0.0	85	186234	10.2	
67 1,3,5-Trichlorobenzene	180	6.776	6.776	0.0	83	389784	9.64	
65 2,4-Dimethylphenol	107	6.782	6.782	0.0	95	483834	10.2	
71 Benzoic acid	122	6.846	6.846	0.0	80	363005	16.2	
70 Bis(2-chloroethoxy)methane	93	6.867	6.867	0.0	94	735303	10.1	
73 2,4-Dichlorophenol	162	6.969	6.969	0.0	90	272453	9.84	
74 1,2,4-Trichlorobenzene	180	7.049	7.049	0.0	82	387426	9.77	
75 Naphthalene	128	7.124	7.124	0.0	98	1019872	9.56	
76 4-Chloroaniline	127	7.156	7.156	0.0	87	423426	9.78	
79 Hexachlorobutadiene	225	7.220	7.220	0.0	87	223027	10.3	
80 1,2,3-Trichlorobenzene	180	7.241	7.241	0.0	79	371564	0	
84 Caprolactam	113	7.439	7.439	0.0	77	129079	11.9	
86 4-Chloro-3-methylphenol	107	7.551	7.551	0.0	81	409542	10.0	
87 2-Methylnaphthalene	142	7.711	7.711	0.0	85	693939	9.68	
88 1-Methylnaphthalene	142	7.797	7.797	0.0	77	665692	10.1	
90 1,2,3,5-Tetrachlorobenzene	216	7.840	7.840	0.0	84	377535	9.96	
89 Hexachlorocyclopentadiene	237	7.840	7.840	0.0	76	223893	9.38	
92 2,4,6-Trichlorophenol	196	7.941	7.941	0.0	87	202965	9.80	
93 2,4,5-Trichlorophenol	196	7.973	7.973	0.0	91	223463	10.1	
97 2,4-Toluene diamine	121	8.085	8.085	0.0	96	215882	11.1	
99 1,2,3,4 -Tetrachlorobenzene	216	8.096	8.096	0.0	79	374470	0	
98 1,1'-Biphenyl	154	8.101	8.101	0.0	96	854918	9.94	
100 2-Chloronaphthalene	162	8.128	8.128	0.0	97	788171	10.1	
102 2-Nitroaniline	65	8.203	8.203	0.0	71	328441	11.1	
105 Dimethyl phthalate	163	8.336	8.336	0.0	92	728668	9.68	
107 2,6-Dinitrotoluene	165	8.395	8.395	0.0	75	207484	10.3	
108 1,2-Dinitrobenzene	168	8.449	8.449	0.0	80	99826	9.89	
109 Acenaphthylene	152	8.486	8.486	0.0	85	1104008	10.1	
110 3-Nitroaniline	138	8.545	8.545	0.0	85	179793	10.2	
112 Acenaphthene	153	8.630	8.630	0.0	91	698670	9.90	
111 2,4-Dinitrophenol	184	8.630	8.630	0.0	69	205467	17.5	
113 4-Nitrophenol	109	8.662	8.662	0.0	87	125727	9.01	
114 2,4-Dinitrotoluene	165	8.737	8.737	0.0	73	272518	10.6	
116 Dibenzofuran	168	8.774	8.774	0.0	86	946585	9.86	
118 2,3,5,6-Tetrachlorophenol	232	8.833	8.833	0.0	83	169657	9.38	
121 Diethyl phthalate	149	8.929	8.929	0.0	94	759339	10.1	
123 4-Chlorophenyl phenyl ether	204	9.047	9.047	0.0	93	445010	9.64	
125 4-Nitroaniline	138	9.063	9.063	0.0	78	207129	10.3	
126 Fluorene	166	9.063	9.063	0.0	70	797105	9.86	
128 4,6-Dinitro-2-methylphenol	198	9.084	9.084	0.0	74	134892	9.23	
131 N-Nitrosodiphenylamine	169	9.143	9.143	0.0	94	573275	9.88	
132 1,2-Diphenylhydrazine	77	9.180	9.180	0.0	100	1499289	10.7	
133 Azobenzene	77	9.180	9.180	0.0	93	1499289	10.7	
139 4-Bromophenyl phenyl ether	248	9.464	9.464	0.0	69	234277	9.73	
141 Hexachlorobenzene	284	9.533	9.533	0.0	79	236804	9.98	
142 Atrazine	200	9.576	9.576	0.0	82	181288	10.6	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
143 Pentachlorophenol	266	9.688	9.688	0.0	76	275579	18.1	
148 Phenanthrene	178	9.886	9.886	0.0	83	1119096	9.36	
149 Anthracene	178	9.928	9.928	0.0	84	1182721	10.3	
151 Carbazole	167	10.051	10.051	0.0	79	1081674	9.92	
154 Di-n-butyl phthalate	149	10.302	10.302	0.0	99	1308502	9.70	
159 Fluoranthene	202	10.895	10.895	0.0	77	1262854	9.87	
160 Benzidine	184	10.991	10.991	0.0	86	528861	8.86	
161 Pyrene	202	11.114	11.114	0.0	72	1335164	9.66	
168 Butyl benzyl phthalate	149	11.713	11.713	0.0	86	550556	9.53	
172 3,3'-Dimethoxybenzidine	244	12.332	12.332	0.0	79	265811	9.12	
174 4,4'-Methylene bis(2-chloroanili	231	12.380	12.380	0.0	73	237858	10.2	
175 3,3'-Dichlorobenzidine	252	12.380	12.380	0.0	75	437565	10.1	
173 Bis(2-ethylhexyl) phthalate	149	12.396	12.396	0.0	94	826278	9.91	
177 Benzo[a]anthracene	228	12.439	12.439	0.0	80	1216280	9.54	
178 Chrysene	228	12.487	12.487	0.0	83	1139281	9.69	
180 Di-n-octyl phthalate	149	13.321	13.321	0.0	99	1313431	9.32	
182 Benzo[b]fluoranthene	252	13.972	13.972	0.0	79	1117958	10.2	
183 Benzo[k]fluoranthene	252	14.015	14.015	0.0	80	1150503	10.6	
184 Benzo[a]pyrene	252	14.480	14.480	0.0	78	1035583	10.5	
188 Indeno[1,2,3-cd]pyrene	276	16.253	16.253	0.0	83	1115330	10.3	
189 Dibenz(a,h)anthracene	278	16.285	16.285	0.0	64	902983	9.90	
190 Benzo[g,h,i]perylene	276	16.723	16.723	0.0	78	951586	10.6	
S 191 Methyl Phenols,Total	100				0		21.7	

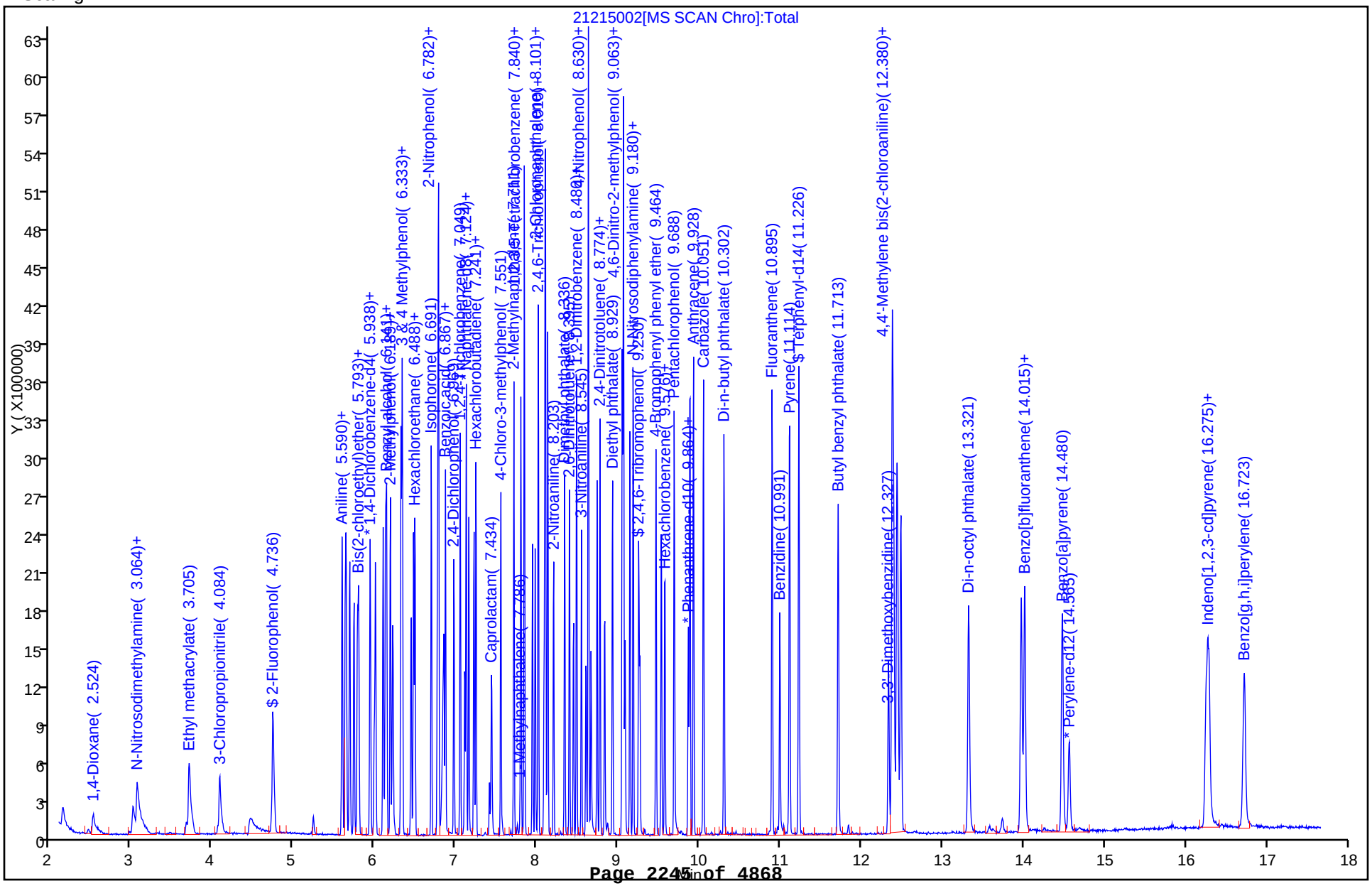
Report Date: 17-Dec-2012 09:53:13 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121215-15876.b\21215002.D

Injection Date:	15-Dec-2012 11:47:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68844	Lims Sample ID:	2
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: mdll1 Calibration Date: 12/15/2012 15:22

Instrument ID: A4HP9 Calib Start Date: 12/11/2012 12:10

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/11/2012 15:28

Lab File ID: 21215010.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Naphthalene	Ave	1.020			0.119	0.100		
2-Methylnaphthalene	Ave	0.6859			0.115	0.100		
1,1'-Biphenyl	Ave	1.370			0.112	0.100		
2-Chloronaphthalene	Ave	1.237			0.135	0.100		
Acenaphthylene	Ave	1.742			0.138	0.100		
Acenaphthene	Ave	1.124			0.134	0.100		
Fluorene	Ave	1.287			0.123	0.100		
Hexachlorobenzene	Ave	0.2171			0.0835	0.100		
Phenanthrene	Ave	1.093			0.144	0.100		
Anthracene	Ave	1.055			0.141	0.100		
Fluoranthene	Ave	1.170			0.135	0.100		
Pyrene	Ave	1.200			0.128	0.100		
Benzo[a]anthracene	Ave	1.108			0.148	0.100		
Chrysene	Ave	1.022			0.154	0.100		
Benzo[b]fluoranthene	Ave	1.241			0.115	0.100		
Benzo[k]fluoranthene	Ave	1.231			0.137	0.100		
Benzo[a]pyrene	Ave	1.113			0.138	0.100		
Indeno[1,2,3-cd]pyrene	Ave	1.227			0.125	0.100		
Dibenz(a,h)anthracene	Ave	1.035			0.122	0.100		
Benzo[g,h,i]perylene	Ave	1.017			0.139	0.100		
1,2,4-Trichlorobenzene	Ave	0.3791			0.000800	0.100		
1,2-Dichlorobenzene	Ave	1.701			0.000800	0.100		
1,2-Diphenylhydrazine(as Azobenzene)	Ave	1.281			0.000800	0.100		
1,3-Dichlorobenzene	Ave	1.785			0.000800	0.100		
1,4-Dichlorobenzene	Ave	1.508			0.000800	0.100		
1,4-Dioxane	Qua				0.000800	0.100		
2,4,5-Trichlorophenol	Ave	0.3509			0.000800	0.100		
2,4,6-Trichlorophenol	Ave	0.3296			0.000800	0.100		
2,4-Dichlorophenol	Ave	0.2648			0.000800	0.100		
2,4-Dimethylphenol	Ave	0.4549			0.000800	0.100		
2,4-Dinitrophenol	Qua				0.00240	0.200		
2,4-Dinitrotoluene	Ave	0.4097			0.000800	0.100		
2,6-Dinitrotoluene	Qua				0.000800	0.100		
2-Chlorophenol	Ave	1.356			0.000800	0.100		
2-Methylphenol	Ave	1.516			0.000800	0.100		

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: mdll1 Calibration Date: 12/15/2012 15:22

Instrument ID: A4HP9 Calib Start Date: 12/11/2012 12:10

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/11/2012 15:28

Lab File ID: 21215010.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
2-Nitroaniline	Ave	0.4702			0.000800	0.100		
2-Nitrophenol	Ave	0.1739			0.000800	0.100		
3 & 4 Methylphenol	Ave	1.624			0.000800	0.100		
3,3'-Dichlorobenzidine	Ave	0.3751			0.000800	0.100		
3-Nitroaniline	Ave	0.2802			0.000800	0.100		
4,6-Dinitro-2-methylphenol	Qua				0.00240	0.100		
4-Bromophenyl phenyl ether	Ave	0.2201			0.000800	0.100		
4-Chloro-3-methylphenol	Ave	0.3920			0.000800	0.100		
4-Chlorophenyl phenyl ether	Ave	0.7347			0.000800	0.100		
4-Nitroaniline	Qua				0.000800	0.100		
4-Nitrophenol	Ave	0.2223			0.00240	0.100		
Acetophenone	Ave	2.431			0.000800	0.100		
Aniline	Ave	2.926			0.00240	0.100		
Atrazine	Ave	0.1567			0.000800	0.100		
Benzaldehyde	Ave	2.129			0.000800	0.100		
Benzidine	Qua				0.00240	0.100		
Benzoic acid	Qua				0.0100	0.200		
Benzyl alcohol	Ave	1.046			0.000800	0.100		
Bis(2-chloroethoxy)methane	Ave	0.6949			0.000800	0.100		
Bis(2-chloroethyl)ether	Ave	2.220			0.000100	0.100		
Bis(2-ethylhexyl) phthalate	Ave	0.7246			0.000800	0.100		
Butyl benzyl phthalate	Ave	0.5018			0.000800	0.100		
Caprolactam	Ave	0.1033			0.000800	0.100		
Carbazole	Ave	0.997			0.000800	0.100		
Dibenzofuran	Ave	1.529			0.000100	0.100		
Diethyl phthalate	Ave	1.198			0.000800	0.100		
Dimethyl phthalate	Ave	1.198			0.000800	0.100		
Di-n-butyl phthalate	Ave	1.234			0.000800	0.100		
Di-n-octyl phthalate	Qua				0.000800	0.100		
Hexachlorobutadiene	Ave	0.2075			0.000800	0.100		

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: mdll1 Calibration Date: 12/15/2012 15:22

Instrument ID: A4HP9 Calib Start Date: 12/11/2012 12:10

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/11/2012 15:28

Lab File ID: 21215010.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Hexachlorocyclopentadiene	Ave	0.3801			0.000800	0.100		
Hexachloroethane	Ave	0.7781			0.000800	0.100		
Isophorone	Ave	1.056			0.000800	0.100		
Nitrobenzene	Ave	0.7249			0.000100	0.100		
N-Nitrosodimethylamine	Qua				0.000800	0.100		
N-Nitrosodi-n-propylamine	Ave	1.615			0.000800	0.100		
N-Nitrosodiphenylamine	Ave	0.5305			0.000800	0.100		
Pentachlorophenol	Qua				0.00240	0.200		
Phenol	Ave	2.416			0.000800	0.100		
Pyridine	Ave	1.899			0.000800	0.100		
Nitrobenzene-d5 (Surr)	Ave	0.6785			0.131	0.100	131*	35-100
2-Fluorobiphenyl (Surr)	Ave	1.541			0.118	0.100	118*	45-105
Terphenyl-d14 (Surr)	Ave	0.8035			0.119	0.100	119	30-125
2,4,6-Tribromophenol (Surr)	Ave	0.1212			0.000000	0.100	0*	35-125
2-Fluorophenol (Surr)	Ave	1.462			0.000000	0.100	0*	35-105
Phenol-d5 (Surr)	Ave	2.119			0.000000	0.100	0*	40-100

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121215-15876.b\21215010.D
Lims ID: mdll1 Client ID:
Inject. Date: 15-Dec-2012 15:22:30 Dil. Factor: 1.0000
Sample Type: LODV
Sample ID: 240-0015876-010
Misc. Info.: MDLL1 =MDLL1
Operator: 001574 Instrument ID: A4HP9
Injection Vol: 1.0 ul ALS Bottle#: 10
Lims Batch ID: 68844 Lims Sample ID: 10
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121215-15876.b\8270 _9.m
Last Update: 17-Dec-2012 14:27:28 Calib Date: 13-Dec-2012 11:31:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121213-15797.b\21213010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: 5% phenyl Column Dia: 0.18 mm
Process Host: XAWRK007

First Level Reviewer: ulmanm Date: 17-Dec-2012 08:02:42

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.988	5.986	0.002	95	106200	4.00	
* 2 Naphthalene-d8	136	7.105	7.102	0.003	98	429350	4.00	
* 3 Acenaphthene-d10	164	8.601	8.603	-0.002	75	266422	4.00	
* 4 Phenanthrene-d10	188	9.861	9.864	-0.003	73	449586	4.00	
* 5 Chrysene-d12	240	12.452	12.450	0.002	79	458814	4.00	
* 6 Perylene-d12	264	14.568	14.560	0.008	82	367940	4.00	
$ 7 2-Fluorophenol	112		4.736					9
$ 8 Phenol-d5	99		5.628					
$ 9 Nitrobenzene-d5	82	6.475	6.472	0.003	47	9514	0.1306	
$ 10 2-Fluorobiphenyl (Surr)	172	8.013	8.010	0.003	63	12095	0.1179	
$ 11 2,4,6-Tribromophenol	330		9.266					
$ 12 Terphenyl-d14	244	11.229	11.226	0.003	51	10977	0.1191	
19 Octachlorostyrene	1		0.000					
20 Dimethylformamide	1		0.000					
18 Bis(4-hydroxyphenyl)methane	1		0.000					
13 Octachlorocyclopentene	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
23 2,5-Dichlorophenol	1		0.000					
22 Bis(2-hydroxyphenyl)methane	1		0.000					
25 1,4-Dioxane	88		2.524					
35 Acrylamide	71		2.744					
26 N-Nitrosodimethylamine	74		3.010					9
27 Pyridine	79		3.064					9
42 Phenylmercaptan	110		3.596					
28 Ethyl methacrylate	69		3.705					
232 1-Methyl-2-pyrrilidinone	99		3.880					
29 3-Chloropropionitrile	54		4.084					9
52 Indene	115		4.084					
31 2-Picoline	93		4.193					
32 N-Nitrosomethylethylamine	88		4.326					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
33 Malononitrile	66		4.463					
17 4-Chlorophenol	128		4.500					9
24 Catechol	110		4.592					
34 Methyl methanesulfonate	80		4.647					
30 3-Picoline	93		4.705					9
233 n,n'-Dimethylacetamide	44		4.727					
15 3-Methylcatechol	124		4.913					
14 4-Methylcatechol	124		5.036					
81 Benzothiazole	135		5.046					
36 N-Nitrosodiethylamine	102		5.047					
82 Quinoline	129		5.099					
37 Ethyl methanesulfonate	79		5.331					9
38 2-Methylcyclohexanone	68		5.544					
39 3-Methylcyclohexanone	69		5.582					
41 Benzaldehyde	77		5.590					
40 4-Methylcyclohexanone	55		5.630					
43 Phenol	94		5.644					
44 Aniline	93		5.687					
96 3,4-Dichloronitrobenzene	109		5.725					
69 Bis(2-chloroethyl)ether	93		5.740					
101 Phenyl ether	170		5.773					
46 2-Chlorophenol	128		5.793					9
45 Pentachloroethane	167		5.795					
47 1,3-Dichlorobenzene	146		5.938					9
48 1,4-Dichlorobenzene	146		6.002					9
49 Benzyl alcohol	108		6.098					9
50 1,2-Dichlorobenzene	146		6.141					
51 2-Methylphenol	108		6.189					9
53 2,2'-oxybis[1-chloropropane]	45		6.216					
21 3 & 4 Methylphenol	108		6.317					
57 N-Nitrosodi-n-propylamine	70		6.328					9
58 Acetophenone	105		6.338					
56 N-Nitrosopyrrolidine	100		6.367					
59 N-Nitrosomorpholine	56		6.399					
60 2-Toluidine	106		6.420					9
61 Hexachloroethane	117		6.445					9
62 Nitrobenzene	77		6.488					
63 N-Nitrosopiperidine	114		6.677					
64 Isophorone	82		6.691					
66 2-Nitrophenol	139		6.766					9
67 1,3,5-Trichlorobenzene	180		6.776					
65 2,4-Dimethylphenol	107		6.782					9
71 Benzoic acid	122		6.846					9
70 Bis(2-chloroethoxy)methane	93		6.867					
68 o,o',o''-Triethylphosphorothioat	198		6.890					
73 2,4-Dichlorophenol	162		6.969					9
72 alpha,alpha-Dimethyl phenethylam	58		7.013					9
74 1,2,4-Trichlorobenzene	180		7.049					9
75 Naphthalene	128	7.121	7.124	-0.003	56	13080	0.1195	
76 4-Chloroaniline	127		7.156					9
77 2,6-Dichlorophenol	162		7.216					
79 Hexachlorobutadiene	225		7.220					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
80 1,2,3-Trichlorobenzene	180		7.241					
78 Hexachloropropene	213		7.248					
84 Caprolactam	113		7.439					9
83 N-Nitrosodi-n-butylamine	84		7.478					9
85 p-Phenylene diamine	108		7.505					
86 4-Chloro-3-methylphenol	107		7.551					9
153 Diphenylsulfone	125		7.616					
94 Safrole, Total	162		7.670					
87 2-Methylnaphthalene	142	7.709	7.711	-0.002	46	8484	0.1152	
88 1-Methylnaphthalene	142	7.799	7.797	0.002	38	8867	0.1312	
90 1,2,3,5-Tetrachlorobenzene	216		7.840					9
89 Hexachlorocyclopentadiene	237		7.840					
91 1,2,4,5-Tetrachlorobenzene	216		7.905					9
225 Isosafrole Peak 1	162		7.921					
92 2,4,6-Trichlorophenol	196		7.941					9
93 2,4,5-Trichlorophenol	196		7.973					9
97 2,4-Toluene diamine	121		8.085					9
99 1,2,3,4 -Tetrachlorobenzene	216		8.096					9
98 1,1'-Biphenyl	154	8.104	8.101	0.003	57	10253	0.1124	
227 Isosafrole Peak 2	162		8.114					9
100 2-Chloronaphthalene	162	8.125	8.128	-0.003	71	11160	0.1354	
102 2-Nitroaniline	65		8.203					9
103 1,4-Naphthoquinone	158		8.322					
105 Dimethyl phthalate	163		8.336					
104 1,4-Dinitrobenzene	168		8.365					9
107 2,6-Dinitrotoluene	165		8.395					9
106 1,3-Dinitrobenzene	168		8.424					9
108 1,2-Dinitrobenzene	168		8.449					9
109 Acenaphthylene	152	8.483	8.486	-0.003	76	16019	0.1381	
110 3-Nitroaniline	138		8.545					9
112 Acenaphthene	153	8.627	8.630	-0.003	67	10008	0.1337	
111 2,4-Dinitrophenol	184		8.630					
113 4-Nitrophenol	109		8.662					9
114 2,4-Dinitrotoluene	165		8.737					9
116 Dibenzofuran	168		8.774					
115 Pentachlorobenzene	250		8.792					
118 2,3,5,6-Tetrachlorophenol	232		8.833					9
117 1-Naphthylamine	143		8.888					
119 2,3,4,6-Tetrachlorophenol	232		8.920					9
121 Diethyl phthalate	149		8.929					
120 2-Naphthylamine	143		8.958					
123 4-Chlorophenyl phenyl ether	204		9.047					9
122 Thionazin	97		9.054					
125 4-Nitroaniline	138		9.063					9
126 Fluorene	166	9.065	9.063	0.002	58	10584	0.1234	
128 4,6-Dinitro-2-methylphenol	198		9.084					
124 N-Nitro-o-toluidine	152		9.113					9
127 Tributyl phosphate	99		9.139					9
131 N-Nitrosodiphenylamine	169		9.143					
132 1,2-Diphenylhydrazine	77		9.180					
133 Azobenzene	77		9.180					
130 Diphenylamine	169		9.198					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
176 Hexabromobenzene	232		9.208					
134 Sulfotepp	202		9.305					9
135 1,3,5-Trinitrobenzene	213		9.391					
228 Diallate Peak 1	86		9.433					9
137 Phenacetin	108		9.433					
138 Phorate	121		9.444					
139 4-Bromophenyl phenyl ether	248		9.464					9
230 Diallate Peak 2	86		9.513					9
141 Hexachlorobenzene	284	9.525	9.533	-0.008	6	2037	0.0835	M
142 Atrazine	200		9.576					9
179 6-Methylchrysene	242		9.576					
140 Dimethoate	87		9.588					
143 Pentachlorophenol	266		9.688					
129 4-Aminobiphenyl	169		9.738					
145 Pentachloronitrobenzene	237		9.754					
144 Pronamide	173		9.759					
147 Dinoseb	211		9.877					
146 Disulfoton	88		9.882					9
148 Phenanthrene	178	9.883	9.886	-0.003	22	17718	0.1442	
149 Anthracene	178	9.926	9.928	-0.002	68	16753	0.1413	
150 DFTPP								
151 Carbazole	167		10.051					9
152 Methyl parathion	109		10.203					
154 Di-n-butyl phthalate	149		10.302					
155 Ethyl Parathion	97		10.523					
156 4-Nitroquinoline-1-oxide	190		10.582					
157 Methapyrilene	58		10.625					9
158 Isodrin	66		10.828					
159 Fluoranthene	202	10.898	10.895	0.003	56	17747	0.1349	
160 Benzidine	184		10.991					9
161 Pyrene	202	11.112	11.114	-0.002	75	17630	0.1281	
166 4,4'-DDE	246		11.164					
226 Aramite Peak 1	185		11.244					9
229 Aramite Peak 2	185		11.319					9
163 p-Dimethylamino azobenzene	225		11.431					
164 Chlorobenzilate	139		11.463					
165 4,4'-DDD	235		11.580					
168 Butyl benzyl phthalate	149		11.713					9
187 Dibenz[a,h]acridine	279		11.729					
167 Famphur	218		11.736					
169 3,3'-Dimethylbenzidine	212		11.794					
186 Dibenz[a,j]acridine	279		11.804					
170 4,4'-DDT	235		11.843					
171 2-Acetylaminofluorene	181		12.094					
172 3,3'-Dimethoxybenzidine	244		12.332					9
174 4,4'-Methylene bis(2-chloroanili	231		12.380					9
175 3,3'-Dichlorobenzidine	252		12.380					9
173 Bis(2-ethylhexyl) phthalate	149		12.396					
177 Benzo[a]anthracene	228	12.442	12.439	0.003	51	18750	0.1475	
178 Chrysene	228	12.479	12.487	-0.008	72	18043	0.1540	
180 Di-n-octyl phthalate	149		13.321					
182 Benzo[b]fluoranthene	252	13.970	13.972	-0.002	63	13148	0.1151	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
183 Benzo[k]fluoranthene	252	14.012	14.015	-0.003	34	15536	0.1372	
181 7,12-Dimethylbenz(a)anthracene	256		14.065					
184 Benzo[a]pyrene	252	14.477	14.480	-0.003	44	14100	0.1377	
185 3-Methylcholanthrene	268		15.139					
188 Indeno[1,2,3-cd]pyrene	276	16.261	16.253	0.008	0	14062	0.1246	M
189 Dibenz(a,h)anthracene	278	16.288	16.285	0.003	0	11655	0.1224	M
190 Benzo[g,h,i]perylene	276	16.710	16.723	-0.013	0	12975	0.1388	M
S 191 Methyl Phenols,Total	100		0.000					7
S 95 Isosafrole	162		5.568					7
S 136 Diallate	86		6.701					7
S 162 Aramite, Total	185		8.271					7
T 192 Octadecane (TIC)	57		0.000					1
T 195 Hydroquinone TIC	110		0.000					1
T 194 Decane TIC	57		0.000					1
T 240 Trimethyl phosphate TIC	110		3.120					1
T 234 2-Isopropylphenol TIC	121		4.623					1
T 236 3-isopropylphenol TIC	121		4.756					1
T 235 4-isopropylphenol TIC	121		4.756					1
T 193 Hexamethylphosphoramide TIC	135		5.100					1
T 237 3-(1,1-Dimethylethyl Phenol) TIC	135		5.110					1
T 196 Kepone TIC	272		8.281					1
T 242 Triphenyl Phosphate TIC	326		8.700					1
T 238 2,3,7,8-TCDD TIC	1		9.000					1
T 231 2,3,7,8-TCDD	322		9.150					1
T 197 Hexachlorophene TIC	198		9.269					1
T 241 Tricresyl phosphate TIC	368		9.372					1
T 239 Tris(2,3-dibromopropyl)phosphate	201		10.600					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

Review Flags
M - Manually Integrated

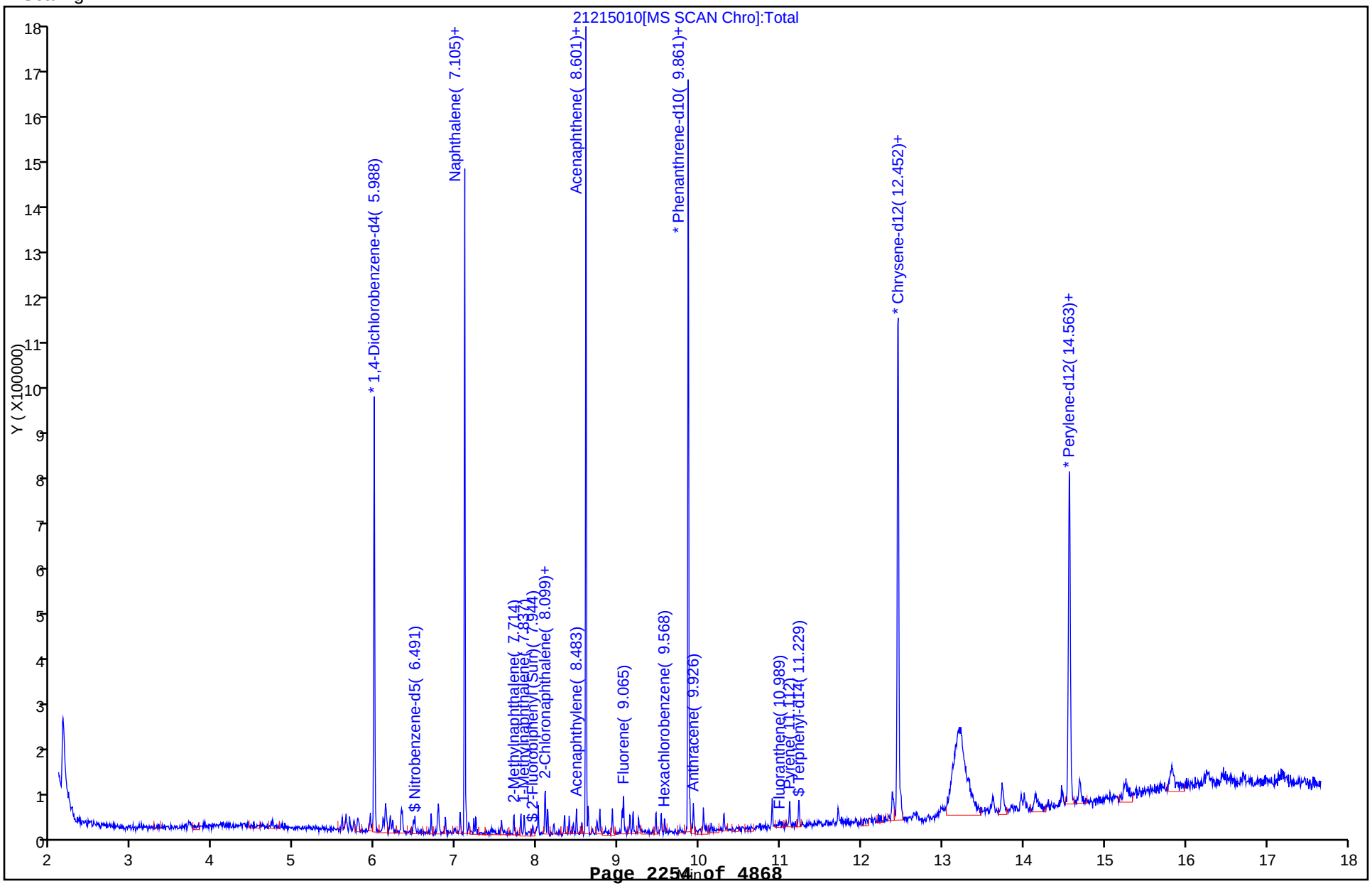
Report Date: 17-Dec-2012 14:27:38 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121215-15876.b\21215010.D

Injection Date:	15-Dec-2012 15:22:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68844	Lims Sample ID:	10
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



Manual Integration/User Assign Peak Report

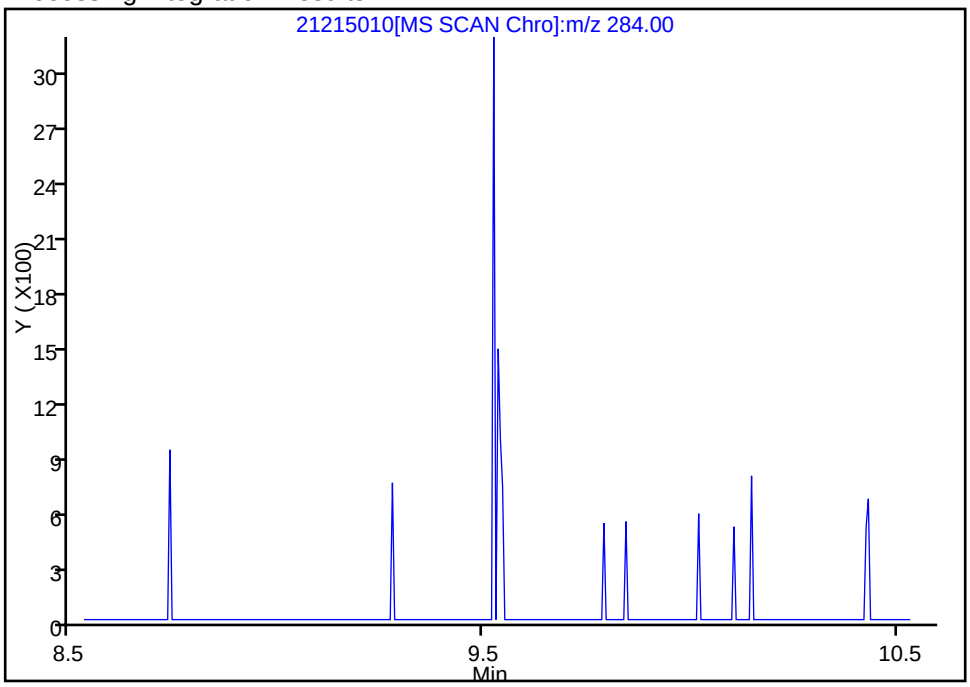
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121215-15876.b\21215010.D		
Injection Date:	15-Dec-2012 15:22:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68844	Lims Sample ID:	10
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

141 Hexachlorobenzene, Signal: 1, m/z: 284.0 Type: quant, RT: 9.53

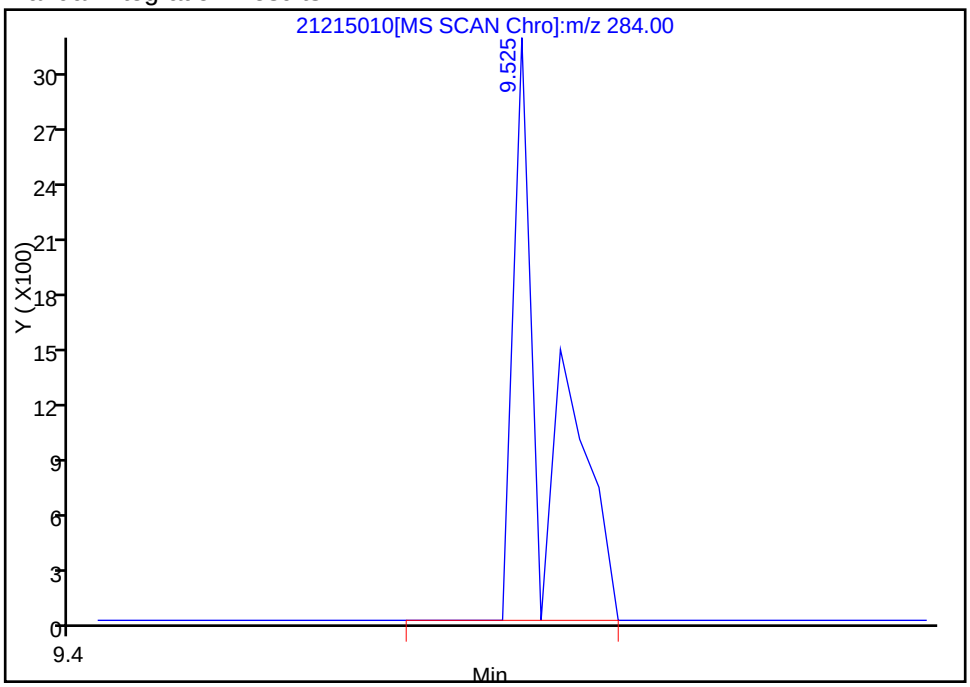
Processing Integration Results

Not Detected
Expected RT: 9.53



Manual Integration Results

RT: 9.52
Response: 2037
Amount: 0.083480



Reviewer: ulmanm, 17-Dec-2012 09:16:26
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

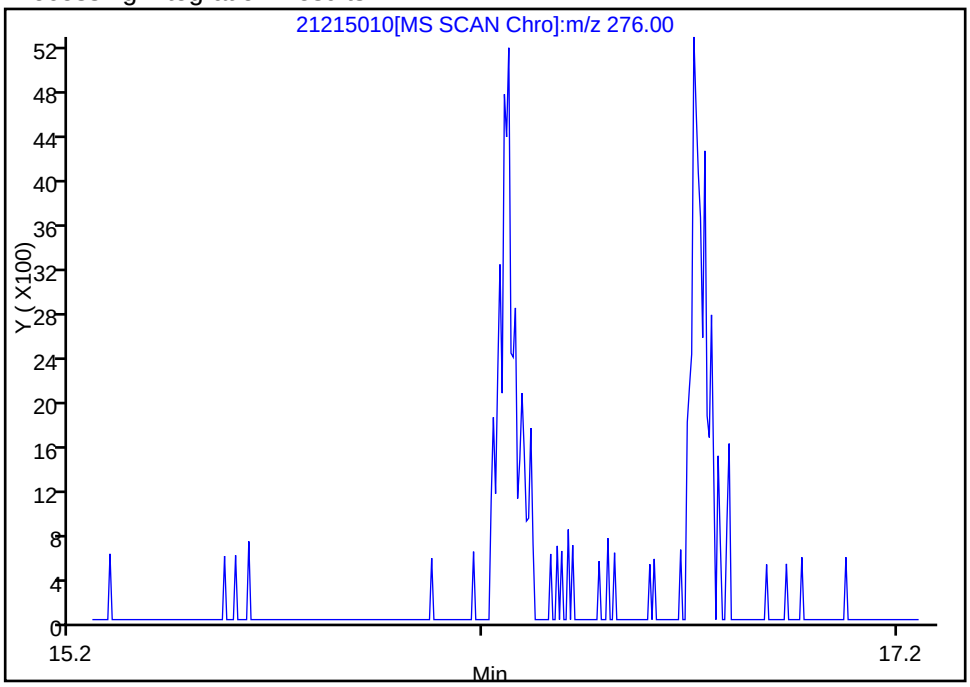
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121215-15876.b\21215010.D		
Injection Date:	15-Dec-2012 15:22:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68844	Lims Sample ID:	10
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

188 Indeno[1,2,3-cd]pyrene, Signal: 1, m/z: 276.0 Type: quant, RT: 16.25

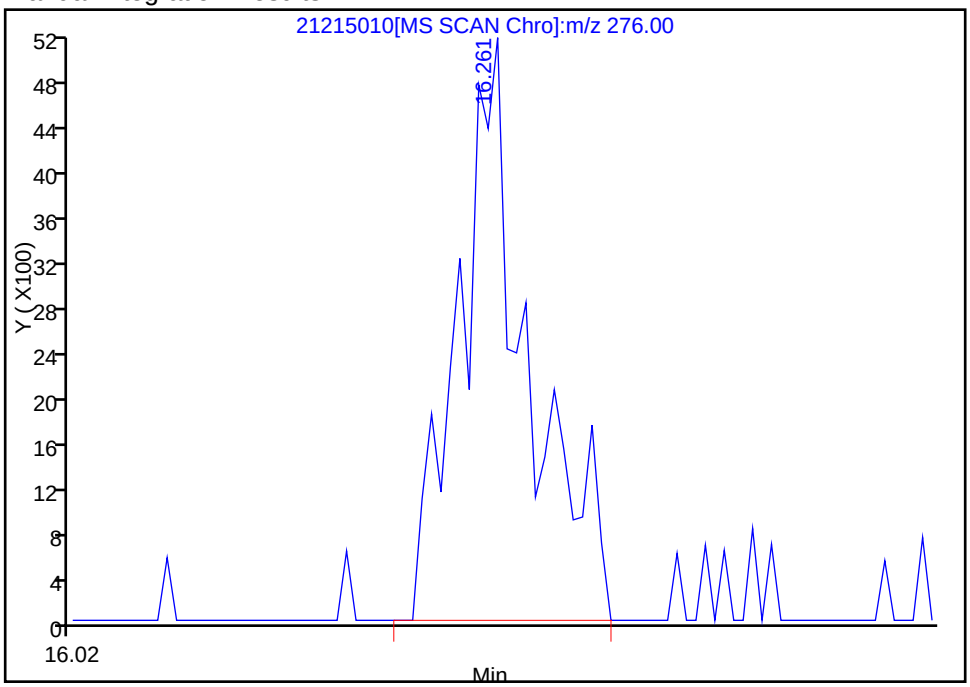
Processing Integration Results

Not Detected
Expected RT: 16.25



Manual Integration Results

RT: 16.26
Response: 14062
Amount: 0.124631



Reviewer: ulmanm, 17-Dec-2012 09:16:26
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

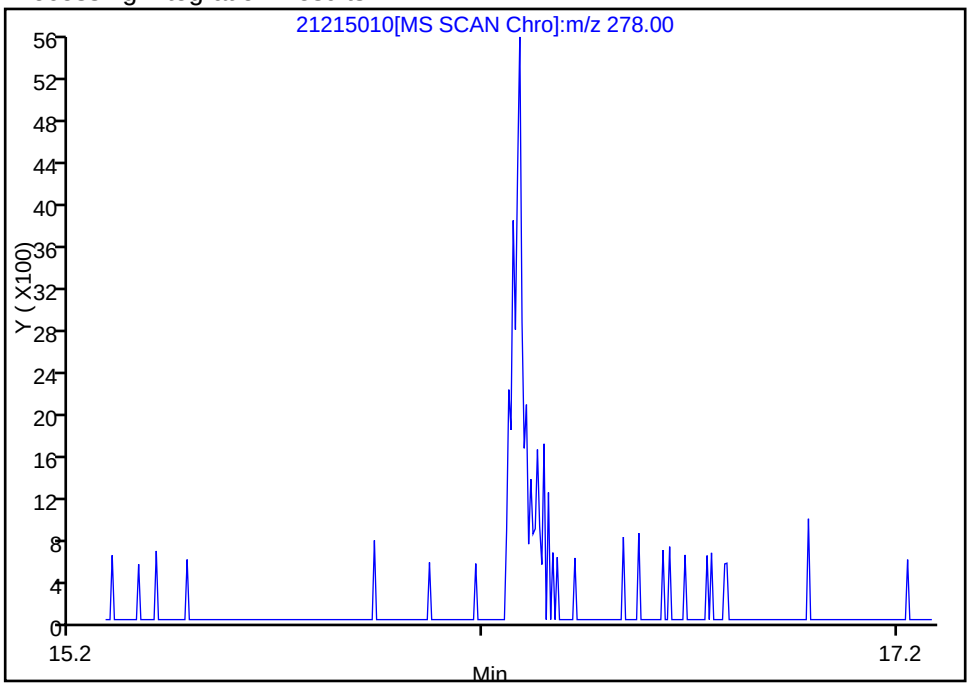
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121215-15876.b\21215010.D		
Injection Date:	15-Dec-2012 15:22:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68844	Lims Sample ID:	10
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

189 Dibenz(a,h)anthracene, Signal: 1, m/z: 278.0 Type: quant, RT: 16.29

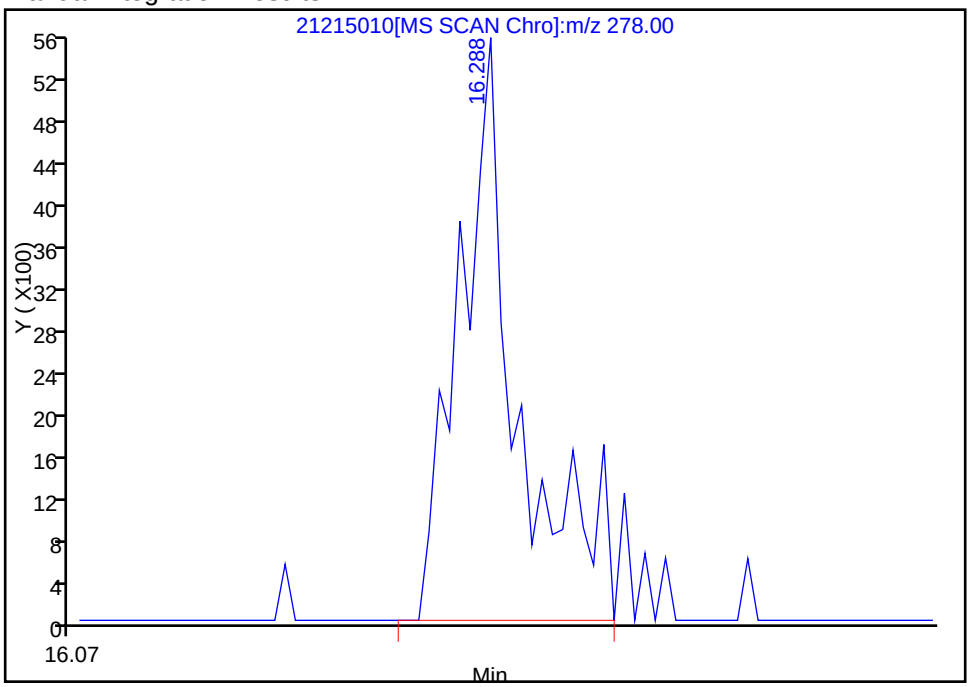
Processing Integration Results

Not Detected
Expected RT: 16.29



Manual Integration Results

RT: 16.29
Response: 11655
Amount: 0.122424



Reviewer: ulmanm, 17-Dec-2012 09:16:26
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

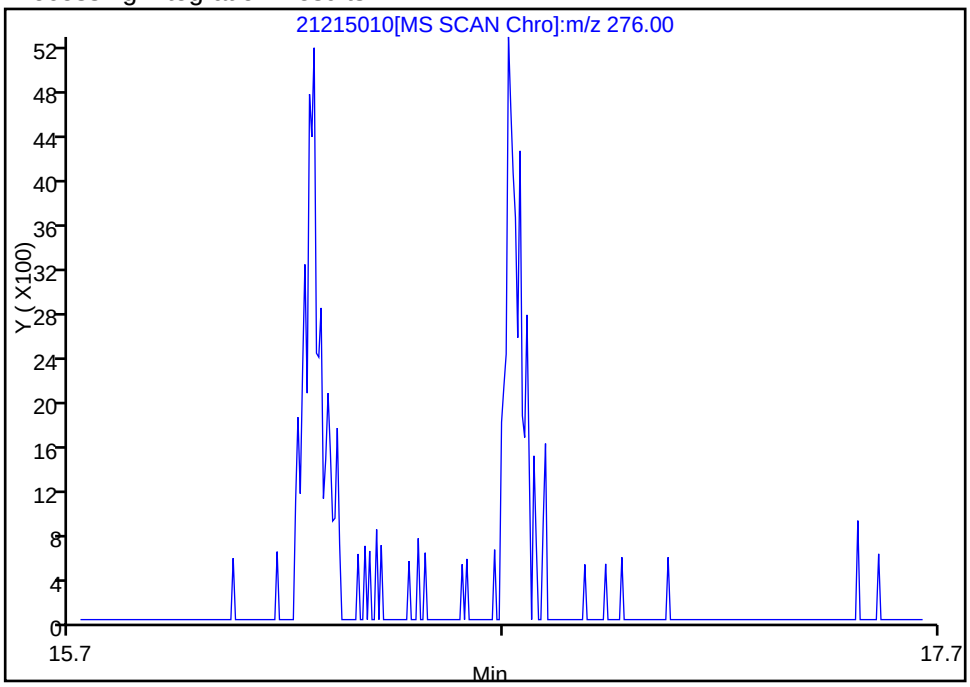
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121215-15876.b\21215010.D		
Injection Date:	15-Dec-2012 15:22:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68844	Lims Sample ID:	10
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

190 Benzo[g,h,i]perylene, Signal: 1, m/z: 276.0 Type: quant, RT: 16.72

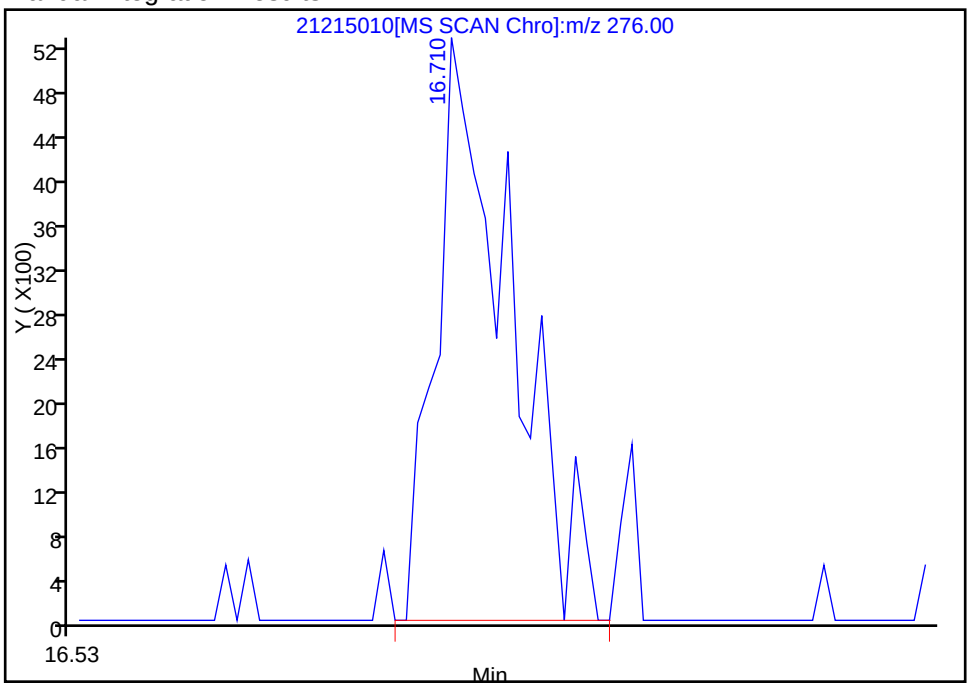
Processing Integration Results

Not Detected
Expected RT: 16.72



Manual Integration Results

RT: 16.71
Response: 12975
Amount: 0.138764



Reviewer: ulmanm, 17-Dec-2012 09:16:26
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: mdll2 Calibration Date: 12/15/2012 15:47

Instrument ID: A4HP9 Calib Start Date: 12/11/2012 12:10

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/11/2012 15:28

Lab File ID: 21215011.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,4-Dioxane	Qua				0.473	0.500		
N-Nitrosodimethylamine	Qua				0.957	0.500		
Pyridine	Ave	1.899			0.408	0.500		
Benzaldehyde	Ave	2.129			0.535	0.500		
Phenol	Ave	2.416			0.461	0.500		
Aniline	Ave	2.926			0.516	0.500		
Bis(2-chloroethyl)ether	Ave	2.220			0.570	0.500		
2-Chlorophenol	Ave	1.356			0.504	0.500		
1,3-Dichlorobenzene	Ave	1.785			0.514	0.500		
1,4-Dichlorobenzene	Ave	1.508			0.458	0.500		
Benzyl alcohol	Ave	1.046			0.414	0.500		
1,2-Dichlorobenzene	Ave	1.701			0.503	0.500		
2-Methylphenol	Ave	1.516			0.533	0.500		
3 & 4 Methylphenol	Ave	1.624			0.482	0.500		
N-Nitrosodi-n-propylamine	Ave	1.615			0.465	0.500		
Acetophenone	Ave	2.431			0.487	0.500		
Hexachloroethane	Ave	0.7781			0.237	0.500		
Nitrobenzene	Ave	0.7249			0.530	0.500		
Isophorone	Ave	1.056			0.448	0.500		
2-Nitrophenol	Ave	0.1739			0.369	0.500		
2,4-Dimethylphenol	Ave	0.4549			0.500	0.500		
Bis(2-chloroethoxy)methane	Ave	0.6949			0.449	0.500		
2,4-Dichlorophenol	Ave	0.2648			0.445	0.500		
1,2,4-Trichlorobenzene	Ave	0.3791			0.471	0.500		
Hexachlorobutadiene	Ave	0.2075			0.596	0.500		
Caprolactam	Ave	0.1033			0.369	0.500		
4-Chloro-3-methylphenol	Ave	0.3920			0.422	0.500		
2,4,6-Trichlorophenol	Ave	0.3296			0.384	0.500		
2,4,5-Trichlorophenol	Ave	0.3509			0.295	0.500		
2-Nitroaniline	Ave	0.4702			0.457	0.500		
Dimethyl phthalate	Ave	1.198			0.434	0.500		
2,6-Dinitrotoluene	Qua				0.660	0.500		
2,4-Dinitrotoluene	Ave	0.4097			0.423	0.500		
Dibenzofuran	Ave	1.529			0.415	0.500		
Diethyl phthalate	Ave	1.198			0.442	0.500		
4-Chlorophenyl phenyl ether	Ave	0.7347			0.367	0.500		
4-Nitroaniline	Qua				0.586	0.500		
N-Nitrosodiphenylamine	Ave	0.5305			0.487	0.500		
1,2-Diphenylhydrazine(as Azobenzene)	Ave	1.281			0.471	0.500		
4-Bromophenyl phenyl ether	Ave	0.2201			0.462	0.500		

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: mdll2 Calibration Date: 12/15/2012 15:47

Instrument ID: A4HP9 Calib Start Date: 12/11/2012 12:10

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/11/2012 15:28

Lab File ID: 21215011.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Carbazole	Ave	0.997			0.436	0.500		
Di-n-butyl phthalate	Ave	1.234			0.430	0.500		
Benzidine	Qua				0.755	0.500		
Butyl benzyl phthalate	Ave	0.5018			0.420	0.500		
3,3'-Dichlorobenzidine	Ave	0.3751			0.412	0.500		
Bis(2-ethylhexyl) phthalate	Ave	0.7246			0.433	0.500		
Di-n-octyl phthalate	Qua				0.474	0.500		
1,1'-Biphenyl	Ave	1.370			0.000800	0.500		
2,4-Dinitrophenol	Qua				0.00240	1.00		
2-Chloronaphthalene	Ave	1.237			0.000100	0.500		
2-Methylnaphthalene	Ave	0.6859			0.000100	0.500		
3-Nitroaniline	Ave	0.2802			0.000800	0.500		
4,6-Dinitro-2-methylphenol	Qua				0.00240	0.500		
4-Nitrophenol	Ave	0.2223			0.00240	0.500		
Acenaphthene	Ave	1.124			0.000100	0.500		
Acenaphthylene	Ave	1.742			0.000100	0.500		
Anthracene	Ave	1.055			0.000100	0.500		
Atrazine	Ave	0.1567			0.000800	0.500		
Benzo[a]anthracene	Ave	1.108			0.000100	0.500		
Benzo[a]pyrene	Ave	1.113			0.000100	0.500		
Benzo[b]fluoranthene	Ave	1.241			0.000100	0.500		
Benzo[g,h,i]perylene	Ave	1.017			0.000100	0.500		
Benzo[k]fluoranthene	Ave	1.231			0.000100	0.500		
Benzoic acid	Qua				0.0100	1.00		
Chrysene	Ave	1.022			0.000100	0.500		
Dibenz(a,h)anthracene	Ave	1.035			0.000100	0.500		
Fluoranthene	Ave	1.170			0.000100	0.500		
Fluorene	Ave	1.287			0.000100	0.500		
Hexachlorobenzene	Ave	0.2171			0.000100	0.500		
Hexachlorocyclopentadiene	Ave	0.3801			0.000800	0.500		
Indeno[1,2,3-cd]pyrene	Ave	1.227			0.000100	0.500		
Naphthalene	Ave	1.020			0.000100	0.500		

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: mdll2 Calibration Date: 12/15/2012 15:47

Instrument ID: A4HP9 Calib Start Date: 12/11/2012 12:10

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/11/2012 15:28

Lab File ID: 21215011.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Pentachlorophenol	Qua				0.00240	1.00		
Phenanthrene	Ave	1.093			0.000100	0.500		
Pyrene	Ave	1.200			0.000100	0.500		
2-Fluorophenol (Surr)	Ave	1.462			0.511	0.500	102	35-105
Phenol-d5 (Surr)	Ave	2.119			0.491	0.500	98	40-100
2,4,6-Tribromophenol (Surr)	Ave	0.1212			0.359	0.500	72	35-125
2-Fluorobiphenyl (Surr)	Ave	1.541			0.000000	0.500	0*	45-105
Nitrobenzene-d5 (Surr)	Ave	0.6785			0.000000	0.500	0*	35-100
Terphenyl-d14 (Surr)	Ave	0.8035			0.000000	0.500	0*	30-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121215-15876.b\21215011.D
Lims ID: mdll2 Client ID:
Inject. Date: 15-Dec-2012 15:47:30 Dil. Factor: 1.0000
Sample Type: LODV
Sample ID: 240-0015876-011
Misc. Info.: MDLL2 =MDLL2
Operator: 001574 Instrument ID: A4HP9
Injection Vol: 1.0 ul ALS Bottle#: 11
Lims Batch ID: 68844 Lims Sample ID: 11
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121215-15876.b\8270 _9.m
Last Update: 17-Dec-2012 14:27:28 Calib Date: 13-Dec-2012 11:31:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121213-15797.b\21213010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: 5% phenyl Column Dia: 0.18 mm
Process Host: XAWRK007

First Level Reviewer: ulmanm Date: 17-Dec-2012 09:20:38

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.988	5.986	0.002	86	122731	4.00	
* 2 Naphthalene-d8	136	7.105	7.102	0.003	98	498372	4.00	
* 3 Acenaphthene-d10	164	8.600	8.603	-0.003	64	319993	4.00	
* 4 Phenanthrene-d10	188	9.861	9.864	-0.003	78	516217	4.00	
* 5 Chrysene-d12	240	12.452	12.450	0.002	75	534427	4.00	
* 6 Perylene-d12	264	14.568	14.560	0.008	91	424919	4.00	
$ 7 2-Fluorophenol	112	4.743	4.736	0.007	55	22911	0.5108	
$ 8 Phenol-d5	99	5.630	5.628	0.002	0	31949	0.4914	
$ 9 Nitrobenzene-d5	82		6.472					
$ 10 2-Fluorobiphenyl (Surr)	172		8.010					
$ 11 2,4,6-Tribromophenol	330	9.268	9.266	0.002	15	3483	0.3592	
$ 12 Terphenyl-d14	244		11.226					
19 Octachlorostyrene	1		0.000					
20 Dimethylformamide	1		0.000					
18 Bis(4-hydroxyphenyl)methane	1		0.000					
13 Octachlorocyclopentene	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
23 2,5-Dichlorophenol	1		0.000					
22 Bis(2-hydroxyphenyl)methane	1		0.000					
25 1,4-Dioxane	88	2.516	2.524	-0.008	1	18798	0.4732	M
35 Acrylamide	71		2.744					
26 N-Nitrosodimethylamine	74	3.029	3.010	0.019	0	14900	0.9569	M
27 Pyridine	79	3.087	3.064	0.023	75	23762	0.4077	
42 Phenylmercaptan	110		3.596					
28 Ethyl methacrylate	69	3.707	3.705	0.002	59	17365	0.3228	
232 1-Methyl-2-pyrrilidinone	99		3.880					
29 3-Chloropropionitrile	54	4.086	4.084	0.002	74	13150	0.5502	
52 Indene	115		4.084					
31 2-Picoline	93		4.193					
32 N-Nitrosomethylethylamine	88		4.326					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
33 Malononitrile	66		4.463					9
17 4-Chlorophenol	128		4.500					
24 Catechol	110		4.592					9
34 Methyl methanesulfonate	80		4.647					
30 3-Picoline	93		4.705					9
233 n,n'-Dimethylacetamide	44		4.727					
15 3-Methylcatechol	124		4.913					
14 4-Methylcatechol	124		5.036					
81 Benzothiazole	135		5.046					
36 N-Nitrosodiethylamine	102		5.047					
82 Quinoline	129		5.099					
37 Ethyl methanesulfonate	79		5.331					9
38 2-Methylcyclohexanone	68		5.544					
39 3-Methylcyclohexanone	69		5.582					
41 Benzaldehyde	77	5.593	5.590	0.003	83	34918	0.5345	
40 4-Methylcyclohexanone	55		5.630					
43 Phenol	94	5.641	5.644	-0.003	88	34206	0.4613	
44 Aniline	93	5.684	5.687	-0.003	89	46278	0.5155	
96 3,4-Dichloronitrobenzene	109		5.725					
69 Bis(2-chloroethyl)ether	93	5.737	5.740	-0.003	83	38827	0.5700	
101 Phenyl ether	170		5.773					
46 2-Chlorophenol	128	5.796	5.793	0.003	78	20974	0.5042	
45 Pentachloroethane	167		5.795					
47 1,3-Dichlorobenzene	146	5.940	5.938	0.002	83	28143	0.5139	
48 1,4-Dichlorobenzene	146	6.004	6.002	0.002	58	21189	0.4578	
49 Benzyl alcohol	108	6.100	6.098	0.002	84	13291	0.4142	
50 1,2-Dichlorobenzene	146	6.138	6.141	-0.003	66	26273	0.5033	
51 2-Methylphenol	108	6.186	6.189	-0.003	89	24807	0.5334	
53 2,2'-oxybis[1-chloropropane]	45	6.218	6.216	0.002	91	40023	0.5963	
21 3 & 4 Methylphenol	108	6.319	6.317	0.002	92	24037	0.4824	
57 N-Nitrosodi-n-propylamine	70	6.325	6.328	-0.003	72	23057	0.4653	
58 Acetophenone	105	6.335	6.338	-0.003	85	36341	0.4873	
56 N-Nitrosopyrrolidine	100		6.367					
59 N-Nitrosomorpholine	56		6.399					9
60 2-Toluidine	106		6.420					9
61 Hexachloroethane	117	6.442	6.445	-0.003	65	5649	0.2366	
62 Nitrobenzene	77	6.490	6.488	0.002	72	47845	0.5297	
63 N-Nitrosopiperidine	114		6.677					
64 Isophorone	82	6.688	6.691	-0.003	95	58948	0.4482	
66 2-Nitrophenol	139	6.768	6.766	0.002	78	8000	0.3693	
67 1,3,5-Trichlorobenzene	180	6.779	6.776	0.003	78	26060	0.5407	
65 2,4-Dimethylphenol	107	6.784	6.782	0.002	64	28347	0.5002	
71 Benzoic acid	122		6.846					
70 Bis(2-chloroethoxy)methane	93	6.864	6.867	-0.003	88	38850	0.4487	
68 o,o',o''-Triethylphosphorothioat	198		6.890					
73 2,4-Dichlorophenol	162	6.976	6.969	0.007	73	14687	0.4452	
72 alpha,alpha-Dimethyl phenethylam	58		7.013					9
74 1,2,4-Trichlorobenzene	180	7.046	7.049	-0.003	79	22231	0.4707	
75 Naphthalene	128		7.124					
76 4-Chloroaniline	127	7.153	7.156	-0.003	84	22876	0.4432	
77 2,6-Dichlorophenol	162		7.216					
79 Hexachlorobutadiene	225	7.217	7.220	-0.003	66	15406	0.5960	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
80 1,2,3-Trichlorobenzene	180		7.241					
78 Hexachloropropene	213		7.248					
84 Caprolactam	113	7.430	7.439	-0.009	64	4754	0.3692	
83 N-Nitrosodi-n-butylamine	84		7.478					
85 p-Phenylene diamine	108		7.505					9
86 4-Chloro-3-methylphenol	107	7.553	7.551	0.002	74	20608	0.4220	
153 Diphenylsulfone	125		7.616					
94 Safrole, Total	162		7.670					
87 2-Methylnaphthalene	142		7.711					
88 1-Methylnaphthalene	142		7.797					
90 1,2,3,5-Tetrachlorobenzene	216	7.836	7.840	-0.004	74	21777	0.4508	
89 Hexachlorocyclopentadiene	237		7.840					
91 1,2,4,5-Tetrachlorobenzene	216		7.905					
225 Isosafrole Peak 1	162		7.921					9
92 2,4,6-Trichlorophenol	196	7.943	7.941	0.002	67	10130	0.3842	
93 2,4,5-Trichlorophenol	196	7.986	7.973	0.013	69	8268	0.2946	
97 2,4-Toluene diamine	121	8.088	8.085	0.003	66	9744	0.2033	
99 1,2,3,4 -Tetrachlorobenzene	216		8.096					
98 1,1'-Biphenyl	154		8.101					
227 Isosafrole Peak 2	162		8.114					9
100 2-Chloronaphthalene	162		8.128					
102 2-Nitroaniline	65	8.200	8.203	-0.003	50	17181	0.4568	
103 1,4-Naphthoquinone	158		8.322					
105 Dimethyl phthalate	163	8.333	8.336	-0.003	89	41593	0.4340	
104 1,4-Dinitrobenzene	168		8.365					9
107 2,6-Dinitrotoluene	165	8.397	8.395	0.002	63	8961	0.6596	
106 1,3-Dinitrobenzene	168		8.424					9
108 1,2-Dinitrobenzene	168	8.445	8.449	-0.003	74	3230	0.5235	
109 Acenaphthylene	152		8.486					
110 3-Nitroaniline	138		8.545					
112 Acenaphthene	153		8.630					
111 2,4-Dinitrophenol	184		8.630					149
113 4-Nitrophenol	109		8.662					9
114 2,4-Dinitrotoluene	165	8.739	8.737	0.002	74	13855	0.4227	
116 Dibenzofuran	168	8.771	8.774	-0.003	87	50824	0.4154	
115 Pentachlorobenzene	250		8.792					
118 2,3,5,6-Tetrachlorophenol	232		8.833					9
117 1-Naphthylamine	143		8.888					
119 2,3,4,6-Tetrachlorophenol	232		8.920					9
121 Diethyl phthalate	149	8.926	8.929	-0.003	87	42358	0.4419	
120 2-Naphthylamine	143		8.958					
123 4-Chlorophenyl phenyl ether	204	9.049	9.047	0.002	82	21573	0.3671	
122 Thionazin	97		9.054					
125 4-Nitroaniline	138	9.060	9.063	-0.003	53	10223	0.5856	
126 Fluorene	166		9.063					
128 4,6-Dinitro-2-methylphenol	198		9.084					9
124 N-Nitro-o-toluidine	152		9.113					9
127 Tributyl phosphate	99		9.139					9
131 N-Nitrosodiphenylamine	169	9.140	9.143	-0.003	90	33327	0.4868	
132 1,2-Diphenylhydrazine	77	9.183	9.180	0.003	99	77889	0.4712	
133 Azobenzene	77	9.183	9.180	0.003	87	77889	0.4712	
130 Diphenylamine	169	9.140	9.198	-0.058	88	33327	0.4050	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
176 Hexabromobenzene	232		9.208					
134 Sulfotepp	202	9.252	9.305	-0.053	50	4693	0.4208	
135 1,3,5-Trinitrobenzene	213		9.391					
228 Diallate Peak 1	86		9.433					9
137 Phenacetin	108		9.433					9
138 Phorate	121		9.444					
139 4-Bromophenyl phenyl ether	248	9.466	9.464	0.002	66	13111	0.4616	
230 Diallate Peak 2	86		9.513					
141 Hexachlorobenzene	284		9.533					
142 Atrazine	200		9.576					9
179 6-Methylchrysene	242		9.576					
140 Dimethoate	87		9.588					
143 Pentachlorophenol	266		9.688					
129 4-Aminobiphenyl	169		9.738					
145 Pentachloronitrobenzene	237		9.754					
144 Pronamide	173		9.759					
147 Dinoseb	211		9.877					
146 Disulfoton	88		9.882					9
148 Phenanthrene	178		9.886					
149 Anthracene	178		9.928					
150 DFTPP								
151 Carbazole	167	10.048	10.051	-0.003	69	56116	0.4361	
152 Methyl parathion	109		10.203					
154 Di-n-butyl phthalate	149	10.305	10.302	0.003	96	68441	0.4297	
155 Ethyl Parathion	97		10.523					
156 4-Nitroquinoline-1-oxide	190		10.582					
157 Methapyrilene	58		10.625					
158 Isodrin	66		10.828					
159 Fluoranthene	202		10.895					
160 Benzidine	184	10.994	10.991	0.003	62	16309	0.7550	
161 Pyrene	202		11.114					
166 4,4'-DDE	246		11.164					9
226 Aramite Peak 1	185		11.244					
229 Aramite Peak 2	185		11.319					
163 p-Dimethylamino azobenzene	225		11.431					
164 Chlorobenzilate	139		11.463					
165 4,4'-DDD	235		11.580					
168 Butyl benzyl phthalate	149	11.715	11.713	0.002	78	28144	0.4198	
187 Dibenz[a,h]acridine	279		11.729					
167 Famphur	218		11.736					
169 3,3'-Dimethylbenzidine	212		11.794					
186 Dibenz[a,j]acridine	279		11.804					
170 4,4'-DDT	235		11.843					
171 2-Acetylaminofluorene	181		12.094					
172 3,3'-Dimethoxybenzidine	244		12.332					9
174 4,4'-Methylene bis(2-chloroanili	231		12.380					9
175 3,3'-Dichlorobenzidine	252	12.377	12.380	-0.003	48	20628	0.4116	
173 Bis(2-ethylhexyl) phthalate	149	12.393	12.396	-0.003	88	41880	0.4326	
177 Benzo[a]anthracene	228		12.439					
178 Chrysene	228		12.487					
180 Di-n-octyl phthalate	149	13.323	13.321	0.002	83	48833	0.4744	
182 Benzo[b]fluoranthene	252		13.972					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
183 Benzo[k]fluoranthene	252		14.015					
181 7,12-Dimethylbenz(a)anthracene	256		14.065					
184 Benzo[a]pyrene	252		14.480					9
185 3-Methylcholanthrene	268		15.139					
188 Indeno[1,2,3-cd]pyrene	276		16.253					
189 Dibenz(a,h)anthracene	278		16.285					9
190 Benzo[g,h,i]perylene	276		16.723					
S 191 Methyl Phenols,Total	100				0		1.02	
S 95 Isosafrole	162		5.568					7
S 136 Diallate	86		6.701					7
S 162 Aramite, Total	185		8.271					7
T 192 Octadecane (TIC)	57		0.000					1
T 195 Hydroquinone TIC	110		0.000					1
T 194 Decane TIC	57		0.000					1
T 240 Trimethyl phosphate TIC	110		3.120					1
T 234 2-Isopropylphenol TIC	121		4.623					1
T 236 3-isopropylphenol TIC	121		4.756					1
T 235 4-isopropylphenol TIC	121		4.756					1
T 193 Hexamethylphosphoramide TIC	135		5.100					1
T 237 3-(1,1-Dimethylethyl Phenol) TIC	135		5.110					1
T 196 Kepone TIC	272		8.281					1
T 242 Triphenyl Phosphate TIC	326		8.700					1
T 238 2,3,7,8-TCDD TIC	1		9.000					1
T 231 2,3,7,8-TCDD	322		9.150					1
T 197 Hexachlorophene TIC	198		9.269					1
T 241 Tricresyl phosphate TIC	368		9.372					1
T 239 Tris(2,3-dibromopropyl)phosphate	201		10.600					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
4 - Failed Signal Ratio Test
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

Review Flags
M - Manually Integrated

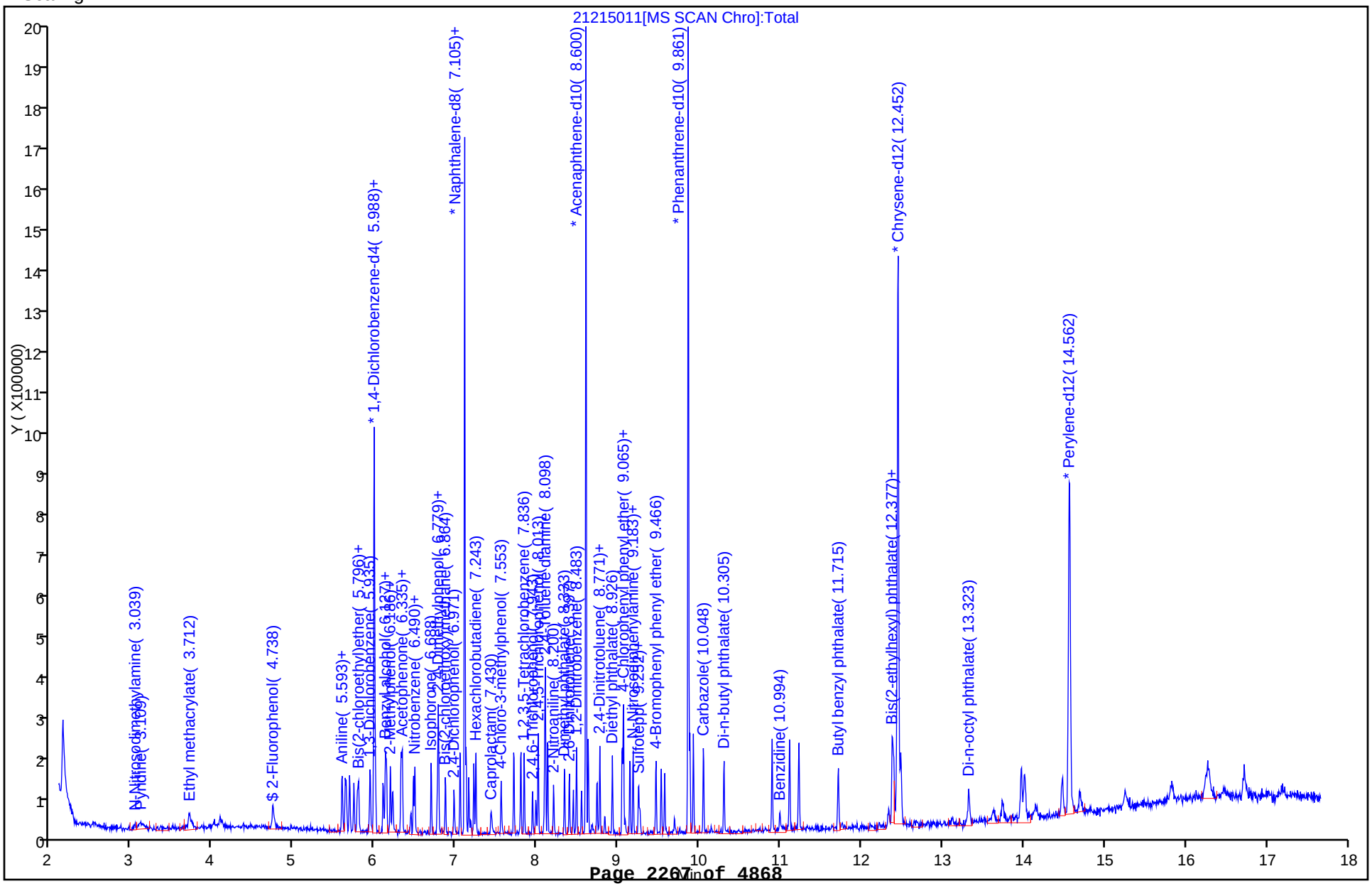
Report Date: 17-Dec-2012 14:27:39 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121215-15876.b\21215011.D

Injection Date:	15-Dec-2012 15:47:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68844	Lims Sample ID:	11
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



Manual Integration/User Assign Peak Report

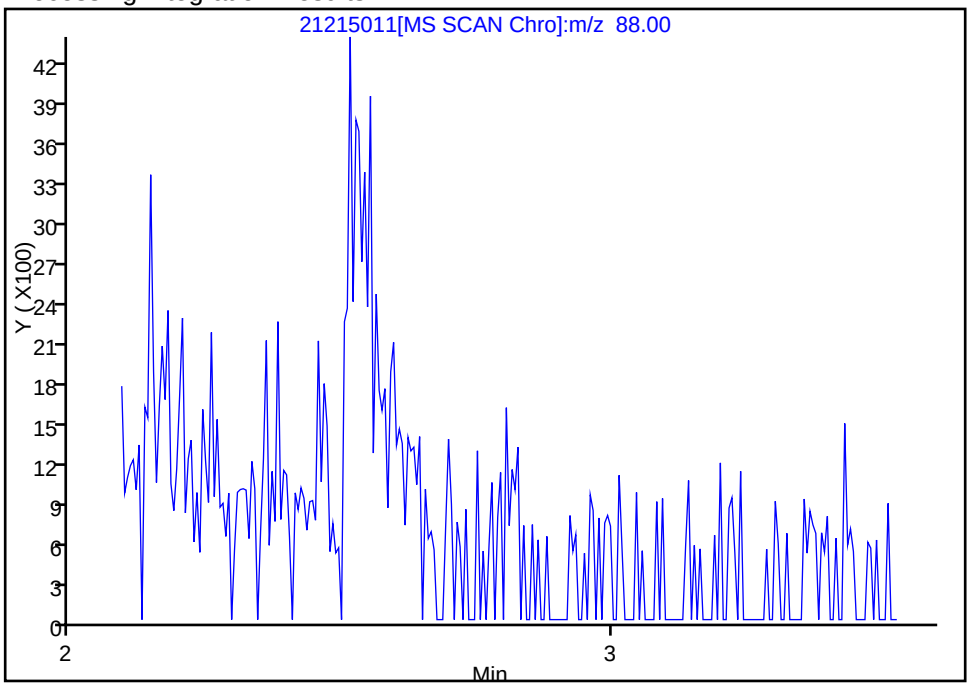
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121215-15876.b\21215011.D		
Injection Date:	15-Dec-2012 15:47:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68844	Lims Sample ID:	11
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

25 1,4-Dioxane, Signal: 1, m/z: 88.0 Type: quant, RT: 2.52

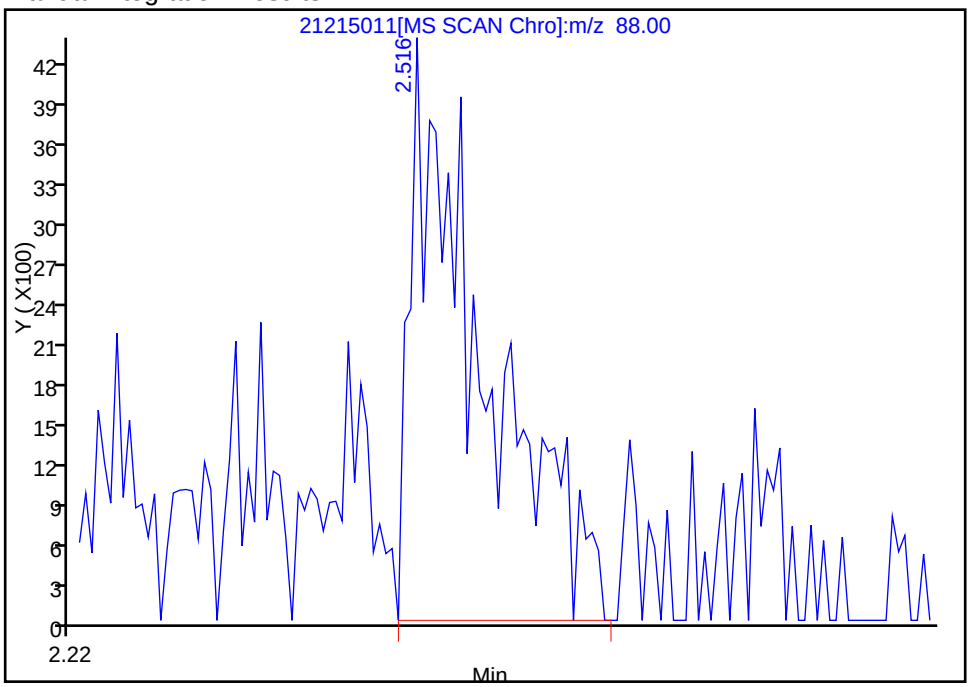
Processing Integration Results

Not Detected
Expected RT: 2.52



Manual Integration Results

RT: 2.52
Response: 18798
Amount: 0.473226



Reviewer: ulmanm, 17-Dec-2012 09:20:38
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

Manual Integration/User Assign Peak Report

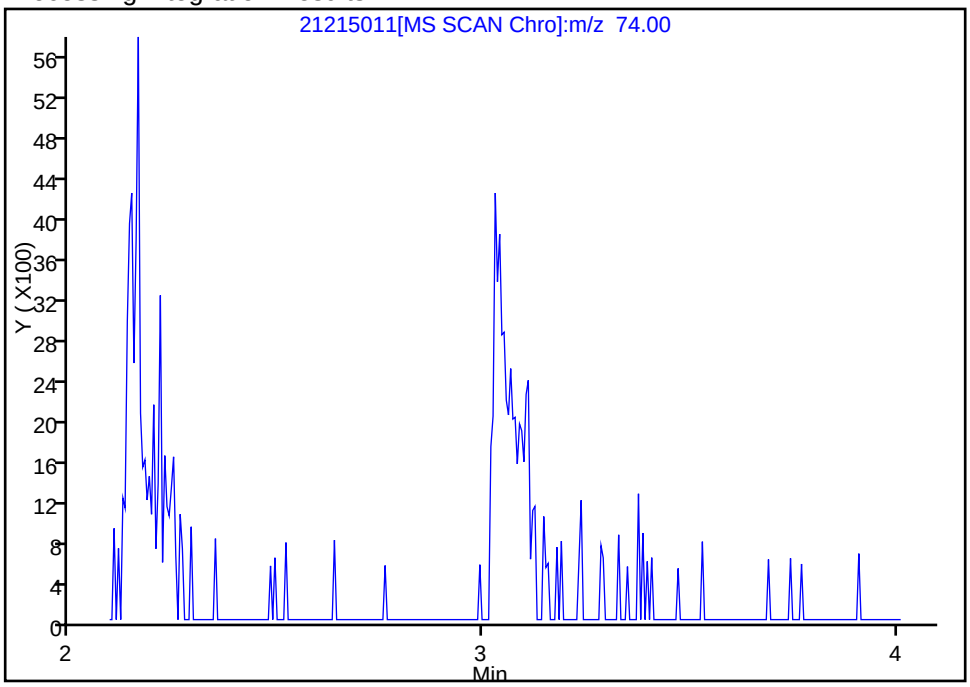
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121215-15876.b\21215011.D		
Injection Date:	15-Dec-2012 15:47:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68844	Lims Sample ID:	11
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

26 N-Nitrosodimethylamine, Signal: 1, m/z: 74.0 Type: quant, RT: 3.01

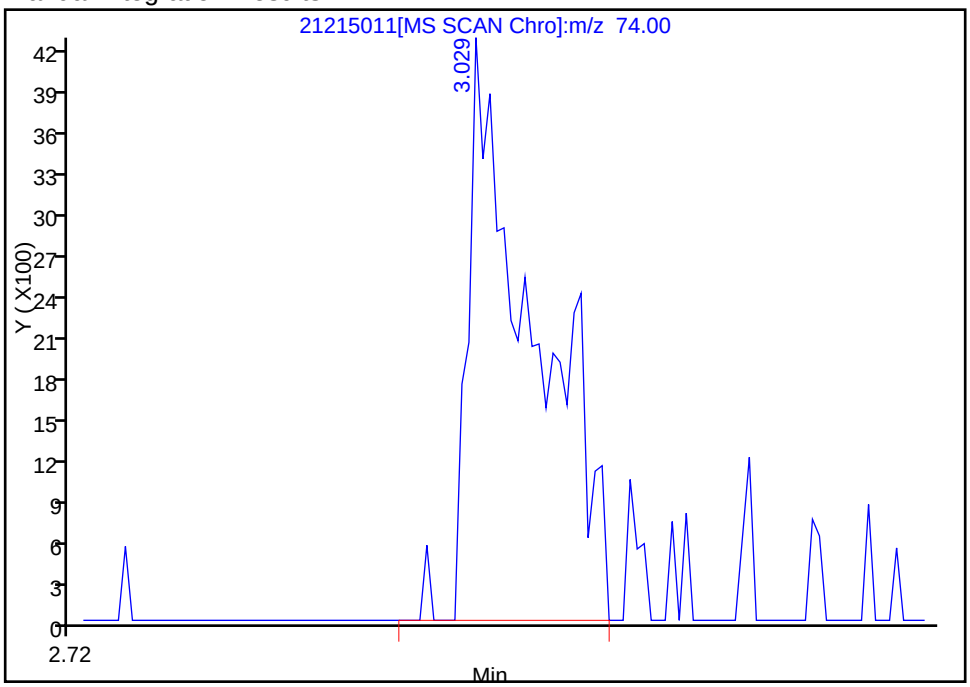
Processing Integration Results

Not Detected
Expected RT: 3.01



Manual Integration Results

RT: 3.03
Response: 14900
Amount: 0.956860



Reviewer: ulmanm, 17-Dec-2012 09:20:38
Audit Action: Manually Integrated
Audit Reason: Poor Chromatography

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: mdll3 Calibration Date: 12/15/2012 16:12

Instrument ID: A4HP9 Calib Start Date: 12/11/2012 12:10

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/11/2012 15:28

Lab File ID: 21215012.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzoic acid	Qua				1.26	2.00		
2,4-Dinitrophenol	Qua				1.35	2.00		
4-Nitrophenol	Ave	0.2223			0.353	1.00		
4,6-Dinitro-2-methylphenol	Qua				1.06	1.00		
Pentachlorophenol	Qua				0.895	2.00		
1,1'-Biphenyl	Ave	1.370			0.000800	1.00		
1,2,4-Trichlorobenzene	Ave	0.3791			0.000800	1.00		
1,2-Dichlorobenzene	Ave	1.701			0.000800	1.00		
1,2-Diphenylhydrazine(as Azobenzene)	Ave	1.281			0.000800	1.00		
1,3-Dichlorobenzene	Ave	1.785			0.000800	1.00		
1,4-Dichlorobenzene	Ave	1.508			0.000800	1.00		
1,4-Dioxane	Qua				0.000800	1.00		
2,4,5-Trichlorophenol	Ave	0.3509			0.000800	1.00		
2,4,6-Trichlorophenol	Ave	0.3296			0.000800	1.00		
2,4-Dichlorophenol	Ave	0.2648			0.000800	1.00		
2,4-Dimethylphenol	Ave	0.4549			0.000800	1.00		
2,4-Dinitrotoluene	Ave	0.4097			0.000800	1.00		
2,6-Dinitrotoluene	Qua				0.000800	1.00		
2-Chloronaphthalene	Ave	1.237			0.000100	1.00		
2-Chlorophenol	Ave	1.356			0.000800	1.00		
2-Methylnaphthalene	Ave	0.6859			0.000100	1.00		
2-Methylphenol	Ave	1.516			0.000800	1.00		
2-Nitroaniline	Ave	0.4702			0.000800	1.00		
2-Nitrophenol	Ave	0.1739			0.000800	1.00		
3 & 4 Methylphenol	Ave	1.624			0.000800	1.00		
3,3'-Dichlorobenzidine	Ave	0.3751			0.000800	1.00		
3-Nitroaniline	Ave	0.2802			0.000800	1.00		
4-Bromophenyl phenyl ether	Ave	0.2201			0.000800	1.00		
4-Chloro-3-methylphenol	Ave	0.3920			0.000800	1.00		
4-Chlorophenyl phenyl ether	Ave	0.7347			0.000800	1.00		

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: mdll3 Calibration Date: 12/15/2012 16:12

Instrument ID: A4HP9 Calib Start Date: 12/11/2012 12:10

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/11/2012 15:28

Lab File ID: 21215012.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Nitroaniline	Qua				0.000800	1.00		
Acenaphthene	Ave	1.124			0.000100	1.00		
Acenaphthylene	Ave	1.742			0.000100	1.00		
Acetophenone	Ave	2.431			0.000800	1.00		
Aniline	Ave	2.926			0.00240	1.00		
Anthracene	Ave	1.055			0.000100	1.00		
Atrazine	Ave	0.1567			0.000800	1.00		
Benzaldehyde	Ave	2.129			0.000800	1.00		
Benzidine	Qua				0.00240	1.00		
Benzo[a]anthracene	Ave	1.108			0.000100	1.00		
Benzo[a]pyrene	Ave	1.113			0.000100	1.00		
Benzo[b]fluoranthene	Ave	1.241			0.000100	1.00		
Benzo[g,h,i]perylene	Ave	1.017			0.000100	1.00		
Benzo[k]fluoranthene	Ave	1.231			0.000100	1.00		
Benzyl alcohol	Ave	1.046			0.000800	1.00		
Bis(2-chloroethoxy)methane	Ave	0.6949			0.000800	1.00		
Bis(2-chloroethyl)ether	Ave	2.220			0.000100	1.00		
Bis(2-ethylhexyl) phthalate	Ave	0.7246			0.000800	1.00		
Butyl benzyl phthalate	Ave	0.5018			0.000800	1.00		
Caprolactam	Ave	0.1033			0.000800	1.00		
Carbazole	Ave	0.997			0.000800	1.00		
Chrysene	Ave	1.022			0.000100	1.00		
Dibenz(a,h)anthracene	Ave	1.035			0.000100	1.00		
Dibenzofuran	Ave	1.529			0.000100	1.00		
Diethyl phthalate	Ave	1.198			0.000800	1.00		
Dimethyl phthalate	Ave	1.198			0.000800	1.00		
Di-n-butyl phthalate	Ave	1.234			0.000800	1.00		
Di-n-octyl phthalate	Qua				0.000800	1.00		
Fluoranthene	Ave	1.170			0.000100	1.00		

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: mdll3 Calibration Date: 12/15/2012 16:12

Instrument ID: A4HP9 Calib Start Date: 12/11/2012 12:10

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/11/2012 15:28

Lab File ID: 21215012.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Fluorene	Ave	1.287			0.000100	1.00		
Hexachlorobenzene	Ave	0.2171			0.000100	1.00		
Hexachlorobutadiene	Ave	0.2075			0.000800	1.00		
Hexachlorocyclopentadiene	Ave	0.3801			0.000800	1.00		
Hexachloroethane	Ave	0.7781			0.000800	1.00		
Indeno[1,2,3-cd]pyrene	Ave	1.227			0.000100	1.00		
Isophorone	Ave	1.056			0.000800	1.00		
Naphthalene	Ave	1.020			0.000100	1.00		
Nitrobenzene	Ave	0.7249			0.000100	1.00		
N-Nitrosodimethylamine	Qua				0.000800	1.00		
N-Nitrosodi-n-propylamine	Ave	1.615			0.000800	1.00		
N-Nitrosodiphenylamine	Ave	0.5305			0.000800	1.00		
Phenanthrene	Ave	1.093			0.000100	1.00		
Phenol	Ave	2.416			0.000800	1.00		
Pyrene	Ave	1.200			0.000100	1.00		
Pyridine	Ave	1.899			0.000800	1.00		
2,4,6-Tribromophenol (Surr)	Ave	0.1212			0.000000	1.00	0*	35-125
2-Fluorobiphenyl (Surr)	Ave	1.541			0.000000	1.00	0*	45-105
2-Fluorophenol (Surr)	Ave	1.462			0.000000	1.00	0*	35-105
Nitrobenzene-d5 (Surr)	Ave	0.6785			0.000000	1.00	0*	35-100
Phenol-d5 (Surr)	Ave	2.119			0.000000	1.00	0*	40-100
Terphenyl-d14 (Surr)	Ave	0.8035			0.000000	1.00	0*	30-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121215-15876.b\21215012.D
Lims ID: mdll3 Client ID:
Inject. Date: 15-Dec-2012 16:12:30 Dil. Factor: 1.0000
Sample Type: LODV
Sample ID: 240-0015876-012
Misc. Info.: MDLL3 =MDLL3
Operator: 001574 Instrument ID: A4HP9
Injection Vol: 1.0 ul ALS Bottle#: 12
Lims Batch ID: 68844 Lims Sample ID: 12
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121215-15876.b\8270 _9.m
Last Update: 17-Dec-2012 14:27:28 Calib Date: 13-Dec-2012 11:31:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121213-15797.b\21213010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: 5% phenyl Column Dia: 0.18 mm
Process Host: XAWRK007

First Level Reviewer: ulmanm Date: 17-Dec-2012 09:25:00

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.989	5.986	0.003	84	109689	4.00	
* 2 Naphthalene-d8	136	7.106	7.102	0.004	98	437976	4.00	
* 3 Acenaphthene-d10	164	8.601	8.603	-0.002	78	272483	4.00	
* 4 Phenanthrene-d10	188	9.862	9.864	-0.002	77	457931	4.00	
* 5 Chrysene-d12	240	12.448	12.450	-0.002	75	478240	4.00	
* 6 Perylene-d12	264	14.563	14.560	0.003	77	384269	4.00	
$ 7 2-Fluorophenol	112		4.736					
$ 8 Phenol-d5	99		5.628					
$ 9 Nitrobenzene-d5	82		6.472					
$ 10 2-Fluorobiphenyl (Surr)	172		8.010					
$ 11 2,4,6-Tribromophenol	330		9.266					9
$ 12 Terphenyl-d14	244		11.226					
19 Octachlorostyrene	1		0.000					
20 Dimethylformamide	1		0.000					
18 Bis(4-hydroxyphenyl)methane	1		0.000					
13 Octachlorocyclopentene	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
23 2,5-Dichlorophenol	1		0.000					
22 Bis(2-hydroxyphenyl)methane	1		0.000					
25 1,4-Dioxane	88		2.524					9
35 Acrylamide	71		2.744					
26 N-Nitrosodimethylamine	74		3.010					
27 Pyridine	79		3.064					
42 Phenylmercaptan	110		3.596					
28 Ethyl methacrylate	69		3.705					
232 1-Methyl-2-pyrrilidinone	99		3.880					
29 3-Chloropropionitrile	54		4.084					
52 Indene	115		4.084					
31 2-Picoline	93		4.193					
32 N-Nitrosomethylethylamine	88		4.326					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
33 Malononitrile	66		4.463					
17 4-Chlorophenol	128		4.500					
24 Catechol	110		4.592					
34 Methyl methanesulfonate	80		4.647					
30 3-Picoline	93		4.705					9
233 n,n'-Dimethylacetamide	44		4.727					
15 3-Methylcatechol	124		4.913					
14 4-Methylcatechol	124		5.036					
81 Benzothiazole	135		5.046					
36 N-Nitrosodiethylamine	102		5.047					
82 Quinoline	129		5.099					
37 Ethyl methanesulfonate	79		5.331					
38 2-Methylcyclohexanone	68		5.544					
39 3-Methylcyclohexanone	69		5.582					
41 Benzaldehyde	77		5.590					
40 4-Methylcyclohexanone	55		5.630					
43 Phenol	94		5.644					
44 Aniline	93		5.687					
96 3,4-Dichloronitrobenzene	109		5.725					
69 Bis(2-chloroethyl)ether	93		5.740					
101 Phenyl ether	170		5.773					
46 2-Chlorophenol	128		5.793					
45 Pentachloroethane	167		5.795					
47 1,3-Dichlorobenzene	146		5.938					
48 1,4-Dichlorobenzene	146		6.002					
49 Benzyl alcohol	108		6.098					
50 1,2-Dichlorobenzene	146		6.141					
51 2-Methylphenol	108		6.189					
53 2,2'-oxybis[1-chloropropane]	45		6.216					
21 3 & 4 Methylphenol	108		6.317					
57 N-Nitrosodi-n-propylamine	70		6.328					
58 Acetophenone	105		6.338					
56 N-Nitrosopyrrolidine	100		6.367					
59 N-Nitrosomorpholine	56		6.399					9
60 2-Toluidine	106		6.420					9
61 Hexachloroethane	117		6.445					
62 Nitrobenzene	77		6.488					
63 N-Nitrosopiperidine	114		6.677					
64 Isophorone	82		6.691					
66 2-Nitrophenol	139		6.766					
67 1,3,5-Trichlorobenzene	180		6.776					
65 2,4-Dimethylphenol	107		6.782					
71 Benzoic acid	122	6.817	6.846	-0.029	47	5091	1.26	
70 Bis(2-chloroethoxy)methane	93		6.867					
68 o,o',o''-Triethylphosphorothioat	198		6.890					
73 2,4-Dichlorophenol	162		6.969					
72 alpha,alpha-Dimethyl phenethylam	58		7.013					9
74 1,2,4-Trichlorobenzene	180		7.049					
75 Naphthalene	128		7.124					
76 4-Chloroaniline	127		7.156					
77 2,6-Dichlorophenol	162		7.216					
79 Hexachlorobutadiene	225		7.220					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
80 1,2,3-Trichlorobenzene	180		7.241					
78 Hexachloropropene	213		7.248					
84 Caprolactam	113		7.439					
83 N-Nitrosodi-n-butylamine	84		7.478					9
85 p-Phenylene diamine	108		7.505					9
86 4-Chloro-3-methylphenol	107		7.551					
153 Diphenylsulfone	125		7.616					9
94 Safrole, Total	162		7.670					
87 2-Methylnaphthalene	142		7.711					
88 1-Methylnaphthalene	142		7.797					
90 1,2,3,5-Tetrachlorobenzene	216		7.840					
89 Hexachlorocyclopentadiene	237		7.840					
91 1,2,4,5-Tetrachlorobenzene	216		7.905					
225 Isosafrole Peak 1	162		7.921					9
92 2,4,6-Trichlorophenol	196		7.941					
93 2,4,5-Trichlorophenol	196		7.973					
97 2,4-Toluene diamine	121		8.085					
99 1,2,3,4 -Tetrachlorobenzene	216		8.096					
98 1,1'-Biphenyl	154		8.101					
227 Isosafrole Peak 2	162		8.114					9
100 2-Chloronaphthalene	162		8.128					
102 2-Nitroaniline	65		8.203					
103 1,4-Naphthoquinone	158		8.322					
105 Dimethyl phthalate	163		8.336					
104 1,4-Dinitrobenzene	168		8.365					
107 2,6-Dinitrotoluene	165		8.395					
106 1,3-Dinitrobenzene	168		8.424					
108 1,2-Dinitrobenzene	168		8.449					
109 Acenaphthylene	152		8.486					
110 3-Nitroaniline	138		8.545					
112 Acenaphthene	153		8.630					
111 2,4-Dinitrophenol	184	8.633	8.630	0.003	31	2809	1.35	
113 4-Nitrophenol	109	8.676	8.662	0.014	59	5339	0.3526	
114 2,4-Dinitrotoluene	165		8.737					
116 Dibenzofuran	168		8.774					
115 Pentachlorobenzene	250		8.792					
118 2,3,5,6-Tetrachlorophenol	232	8.831	8.833	-0.002	67	6874	0.3505	
117 1-Naphthylamine	143		8.888					
119 2,3,4,6-Tetrachlorophenol	232		8.920					9
121 Diethyl phthalate	149		8.929					
120 2-Naphthylamine	143		8.958					
123 4-Chlorophenyl phenyl ether	204		9.047					
122 Thionazin	97		9.054					9
125 4-Nitroaniline	138		9.063					
126 Fluorene	166		9.063					
128 4,6-Dinitro-2-methylphenol	198	9.082	9.084	-0.002	9	5817	1.06	
124 N-Nitro-o-toluidine	152		9.113					9
127 Tributyl phosphate	99		9.139					9
131 N-Nitrosodiphenylamine	169		9.143					
132 1,2-Diphenylhydrazine	77		9.180					
133 Azobenzene	77		9.180					
130 Diphenylamine	169		9.198					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
176 Hexabromobenzene	232		9.208					
134 Sulfotepp	202		9.305					
135 1,3,5-Trinitrobenzene	213		9.391					
228 Diallate Peak 1	86		9.433					9
137 Phenacetin	108		9.433					9
138 Phorate	121		9.444					9
139 4-Bromophenyl phenyl ether	248		9.464					
230 Diallate Peak 2	86		9.513					
141 Hexachlorobenzene	284		9.533					
142 Atrazine	200		9.576					
179 6-Methylchrysene	242		9.576					
140 Dimethoate	87		9.588					9
143 Pentachlorophenol	266	9.691	9.688	0.003	45	7588	0.8955	
129 4-Aminobiphenyl	169		9.738					
145 Pentachloronitrobenzene	237		9.754					
144 Pronamide	173		9.759					
147 Dinoseb	211		9.877					
146 Disulfoton	88		9.882					9
148 Phenanthrene	178		9.886					
149 Anthracene	178		9.928					
150 DFTPP								
151 Carbazole	167		10.051					
152 Methyl parathion	109		10.203					
154 Di-n-butyl phthalate	149		10.302					
155 Ethyl Parathion	97		10.523					
156 4-Nitroquinoline-1-oxide	190		10.582					
157 Methapyrilene	58		10.625					9
158 Isodrin	66		10.828					
159 Fluoranthene	202		10.895					
160 Benzidine	184		10.991					
161 Pyrene	202		11.114					
166 4,4'-DDE	246		11.164					9
226 Aramite Peak 1	185		11.244					
229 Aramite Peak 2	185		11.319					
163 p-Dimethylamino azobenzene	225		11.431					
164 Chlorobenzilate	139		11.463					
165 4,4'-DDD	235		11.580					
168 Butyl benzyl phthalate	149		11.713					
187 Dibenz[a,h]acridine	279		11.729					
167 Famphur	218		11.736					
169 3,3'-Dimethylbenzidine	212		11.794					
186 Dibenz[a,j]acridine	279		11.804					
170 4,4'-DDT	235		11.843					
171 2-Acetylaminofluorene	181		12.094					
172 3,3'-Dimethoxybenzidine	244		12.332					
174 4,4'-Methylene bis(2-chloroanili	231		12.380					
175 3,3'-Dichlorobenzidine	252		12.380					
173 Bis(2-ethylhexyl) phthalate	149		12.396					
177 Benzo[a]anthracene	228		12.439					
178 Chrysene	228		12.487					
180 Di-n-octyl phthalate	149		13.321					
182 Benzo[b]fluoranthene	252		13.972					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
183 Benzo[k]fluoranthene	252		14.015					
181 7,12-Dimethylbenz(a)anthracene	256		14.065					
184 Benzo[a]pyrene	252		14.480					
185 3-Methylcholanthrene	268		15.139					
188 Indeno[1,2,3-cd]pyrene	276		16.253					
189 Dibenz(a,h)anthracene	278		16.285					
190 Benzo[g,h,i]perylene	276		16.723					
S 191 Methyl Phenols,Total	100		0.000					7
S 95 Isosafrole	162		5.568					7
S 136 Diallate	86		6.701					7
S 162 Aramite, Total	185		8.271					7
T 192 Octadecane (TIC)	57		0.000					1
T 195 Hydroquinone TIC	110		0.000					1
T 194 Decane TIC	57		0.000					1
T 240 Trimethyl phosphate TIC	110		3.120					1
T 234 2-Isopropylphenol TIC	121		4.623					1
T 236 3-isopropylphenol TIC	121		4.756					1
T 235 4-isopropylphenol TIC	121		4.756					1
T 193 Hexamethylphosphoramide TIC	135		5.100					1
T 237 3-(1,1-Dimethylethyl Phenol) TIC	135		5.110					1
T 196 Kepone TIC	272		8.281					1
T 242 Triphenyl Phosphate TIC	326		8.700					1
T 238 2,3,7,8-TCDD TIC	1		9.000					1
T 231 2,3,7,8-TCDD	322		9.150					1
T 197 Hexachlorophene TIC	198		9.269					
T 241 Tricresyl phosphate TIC	368		9.372					1
T 239 Tris(2,3-dibromopropyl)phosphate	201		10.600					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

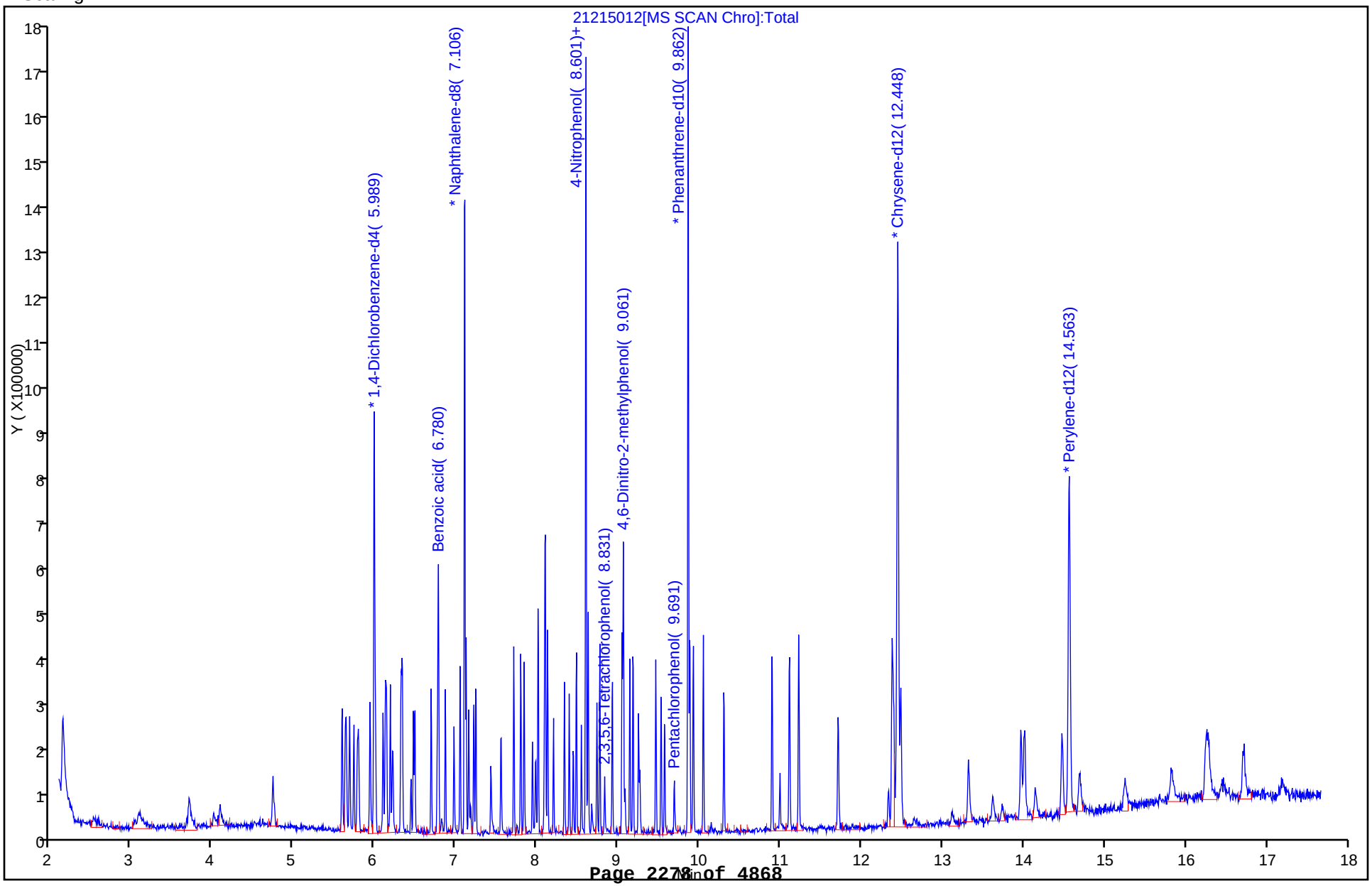
Report Date: 17-Dec-2012 14:27:40 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121215-15876.b\21215012.D

Injection Date:	15-Dec-2012 16:12:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68844	Lims Sample ID:	12
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: mdll4 Calibration Date: 12/15/2012 16:36

Instrument ID: A4HP9 Calib Start Date: 12/11/2012 12:10

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/11/2012 15:28

Lab File ID: 21215013.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Hexachlorocyclopentadiene	Ave	0.3801			0.0803	2.00		
4,6-Dinitro-2-methylphenol	Qua				1.89	2.00		
1,1'-Biphenyl	Ave	1.370			0.000800	2.00		
1,2,4-Trichlorobenzene	Ave	0.3791			0.000800	2.00		
1,2-Dichlorobenzene	Ave	1.701			0.000800	2.00		
1,2-Diphenylhydrazine(as Azobenzene)	Ave	1.281			0.000800	2.00		
1,3-Dichlorobenzene	Ave	1.785			0.000800	2.00		
1,4-Dichlorobenzene	Ave	1.508			0.000800	2.00		
1,4-Dioxane	Qua				0.000800	2.00		
2,4,5-Trichlorophenol	Ave	0.3509			0.000800	2.00		
2,4,6-Trichlorophenol	Ave	0.3296			0.000800	2.00		
2,4-Dichlorophenol	Ave	0.2648			0.000800	2.00		
2,4-Dimethylphenol	Ave	0.4549			0.000800	2.00		
2,4-Dinitrophenol	Qua				0.00240	4.00		
2,4-Dinitrotoluene	Ave	0.4097			0.000800	2.00		
2,6-Dinitrotoluene	Qua				0.000800	2.00		
2-Chloronaphthalene	Ave	1.237			0.000100	2.00		
2-Chlorophenol	Ave	1.356			0.000800	2.00		
2-Methylnaphthalene	Ave	0.6859			0.000100	2.00		
2-Methylphenol	Ave	1.516			0.000800	2.00		
2-Nitroaniline	Ave	0.4702			0.000800	2.00		
2-Nitrophenol	Ave	0.1739			0.000800	2.00		
3 & 4 Methylphenol	Ave	1.624			0.000800	2.00		
3,3'-Dichlorobenzidine	Ave	0.3751			0.000800	2.00		
3-Nitroaniline	Ave	0.2802			0.000800	2.00		
4-Bromophenyl phenyl ether	Ave	0.2201			0.000800	2.00		
4-Chloro-3-methylphenol	Ave	0.3920			0.000800	2.00		
4-Chlorophenyl phenyl ether	Ave	0.7347			0.000800	2.00		
4-Nitroaniline	Qua				0.000800	2.00		
4-Nitrophenol	Ave	0.2223			0.00240	2.00		

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: mdll4 Calibration Date: 12/15/2012 16:36

Instrument ID: A4HP9 Calib Start Date: 12/11/2012 12:10

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/11/2012 15:28

Lab File ID: 21215013.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Acenaphthene	Ave	1.124			0.000100	2.00		
Acenaphthylene	Ave	1.742			0.000100	2.00		
Acetophenone	Ave	2.431			0.000800	2.00		
Aniline	Ave	2.926			0.00240	2.00		
Anthracene	Ave	1.055			0.000100	2.00		
Atrazine	Ave	0.1567			0.000800	2.00		
Benzaldehyde	Ave	2.129			0.000800	2.00		
Benzidine	Qua				0.00240	2.00		
Benzo[a]anthracene	Ave	1.108			0.000100	2.00		
Benzo[a]pyrene	Ave	1.113			0.000100	2.00		
Benzo[b]fluoranthene	Ave	1.241			0.000100	2.00		
Benzo[g,h,i]perylene	Ave	1.017			0.000100	2.00		
Benzo[k]fluoranthene	Ave	1.231			0.000100	2.00		
Benzoic acid	Qua				0.0100	4.00		
Benzyl alcohol	Ave	1.046			0.000800	2.00		
Bis(2-chloroethoxy)methane	Ave	0.6949			0.000800	2.00		
Bis(2-chloroethyl)ether	Ave	2.220			0.000100	2.00		
Bis(2-ethylhexyl) phthalate	Ave	0.7246			0.000800	2.00		
Butyl benzyl phthalate	Ave	0.5018			0.000800	2.00		
Caprolactam	Ave	0.1033			0.000800	2.00		
Carbazole	Ave	0.997			0.000800	2.00		
Chrysene	Ave	1.022			0.000100	2.00		
Dibenz(a,h)anthracene	Ave	1.035			0.000100	2.00		
Dibenzofuran	Ave	1.529			0.000100	2.00		
Diethyl phthalate	Ave	1.198			0.000800	2.00		
Dimethyl phthalate	Ave	1.198			0.000800	2.00		
Di-n-butyl phthalate	Ave	1.234			0.000800	2.00		
Di-n-octyl phthalate	Qua				0.000800	2.00		
Fluoranthene	Ave	1.170			0.000100	2.00		

FORM VII
GC/MS SEMI VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: mdll4 Calibration Date: 12/15/2012 16:36

Instrument ID: A4HP9 Calib Start Date: 12/11/2012 12:10

GC Column: RXI-5SILMS ID: 0.45(mm) Calib End Date: 12/11/2012 15:28

Lab File ID: 21215013.D Conc. Units: ng/uL

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Fluorene	Ave	1.287			0.000100	2.00		
Hexachlorobenzene	Ave	0.2171			0.000100	2.00		
Hexachlorobutadiene	Ave	0.2075			0.000800	2.00		
Hexachloroethane	Ave	0.7781			0.000800	2.00		
Indeno[1,2,3-cd]pyrene	Ave	1.227			0.000100	2.00		
Isophorone	Ave	1.056			0.000800	2.00		
Naphthalene	Ave	1.020			0.000100	2.00		
Nitrobenzene	Ave	0.7249			0.000100	2.00		
N-Nitrosodimethylamine	Qua				0.000800	2.00		
N-Nitrosodi-n-propylamine	Ave	1.615			0.000800	2.00		
N-Nitrosodiphenylamine	Ave	0.5305			0.000800	2.00		
Pentachlorophenol	Qua				0.00240	4.00		
Phenanthrene	Ave	1.093			0.000100	2.00		
Phenol	Ave	2.416			0.000800	2.00		
Pyrene	Ave	1.200			0.000100	2.00		
Pyridine	Ave	1.899			0.000800	2.00		
2,4,6-Tribromophenol (Surr)	Ave	0.1212			0.000000	2.00	0*	35-125
2-Fluorobiphenyl (Surr)	Ave	1.541			0.000000	2.00	0*	45-105
2-Fluorophenol (Surr)	Ave	1.462			0.000000	2.00	0*	35-105
Nitrobenzene-d5 (Surr)	Ave	0.6785			0.000000	2.00	0*	35-100
Phenol-d5 (Surr)	Ave	2.119			0.000000	2.00	0*	40-100
Terphenyl-d14 (Surr)	Ave	0.8035			0.000000	2.00	0*	30-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121215-15876.b\21215013.D
Lims ID: mdll4 Client ID:
Inject. Date: 15-Dec-2012 16:36:30 Dil. Factor: 1.0000
Sample Type: LODV
Sample ID: 240-0015876-013
Misc. Info.: MDLL4 =MDLL4
Operator: 001574 Instrument ID: A4HP9
Injection Vol: 1.0 ul ALS Bottle#: 13
Lims Batch ID: 68844 Lims Sample ID: 13
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121215-15876.b\8270 _9.m
Last Update: 17-Dec-2012 14:27:28 Calib Date: 13-Dec-2012 11:31:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121213-15797.b\21213010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: 5% phenyl Column Dia: 0.18 mm
Process Host: XAWRK007

First Level Reviewer: ulmanm Date: 17-Dec-2012 09:36:58

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.987	5.986	0.001	86	120010	4.00	
* 2 Naphthalene-d8	136	7.103	7.102	0.001	98	479744	4.00	
* 3 Acenaphthene-d10	164	8.599	8.603	-0.004	66	296359	4.00	
* 4 Phenanthrene-d10	188	9.860	9.864	-0.004	77	496779	4.00	
* 5 Chrysene-d12	240	12.451	12.450	0.001	78	527567	4.00	
* 6 Perylene-d12	264	14.561	14.560	0.001	91	400245	4.00	
$ 7 2-Fluorophenol	112		4.736					
$ 8 Phenol-d5	99		5.628					
$ 9 Nitrobenzene-d5	82		6.472					
$ 10 2-Fluorobiphenyl (Surr)	172		8.010					
$ 11 2,4,6-Tribromophenol	330		9.266					9
$ 12 Terphenyl-d14	244		11.226					
19 Octachlorostyrene	1		0.000					
20 Dimethylformamide	1		0.000					
18 Bis(4-hydroxyphenyl)methane	1		0.000					
13 Octachlorocyclopentene	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
23 2,5-Dichlorophenol	1		0.000					
22 Bis(2-hydroxyphenyl)methane	1		0.000					
25 1,4-Dioxane	88		2.524					
35 Acrylamide	71		2.744					
26 N-Nitrosodimethylamine	74		3.010					
27 Pyridine	79		3.064					
42 Phenylmercaptan	110		3.596					
28 Ethyl methacrylate	69		3.705					
232 1-Methyl-2-pyrrilidinone	99		3.880					
29 3-Chloropropionitrile	54		4.084					
52 Indene	115		4.084					
31 2-Picoline	93		4.193					
32 N-Nitrosomethylethylamine	88		4.326					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
33 Malononitrile	66		4.463					
17 4-Chlorophenol	128		4.500					
24 Catechol	110		4.592					
34 Methyl methanesulfonate	80		4.647					9
30 3-Picoline	93		4.705					9
233 n,n'-Dimethylacetamide	44		4.727					
15 3-Methylcatechol	124		4.913					
14 4-Methylcatechol	124		5.036					
81 Benzothiazole	135		5.046					
36 N-Nitrosodiethylamine	102		5.047					
82 Quinoline	129		5.099					
37 Ethyl methanesulfonate	79		5.331					
38 2-Methylcyclohexanone	68		5.544					
39 3-Methylcyclohexanone	69		5.582					
41 Benzaldehyde	77		5.590					
40 4-Methylcyclohexanone	55		5.630					
43 Phenol	94		5.644					
44 Aniline	93		5.687					
96 3,4-Dichloronitrobenzene	109		5.725					
69 Bis(2-chloroethyl)ether	93		5.740					
101 Phenyl ether	170		5.773					
46 2-Chlorophenol	128		5.793					
45 Pentachloroethane	167		5.795					
47 1,3-Dichlorobenzene	146		5.938					
48 1,4-Dichlorobenzene	146		6.002					
49 Benzyl alcohol	108		6.098					
50 1,2-Dichlorobenzene	146		6.141					
51 2-Methylphenol	108		6.189					
53 2,2'-oxybis[1-chloropropane]	45		6.216					
21 3 & 4 Methylphenol	108		6.317					
57 N-Nitrosodi-n-propylamine	70		6.328					
58 Acetophenone	105		6.338					
56 N-Nitrosopyrrolidine	100		6.367					
59 N-Nitrosomorpholine	56		6.399					9
60 2-Toluidine	106		6.420					9
61 Hexachloroethane	117		6.445					
62 Nitrobenzene	77		6.488					
63 N-Nitrosopiperidine	114		6.677					
64 Isophorone	82		6.691					
66 2-Nitrophenol	139		6.766					
67 1,3,5-Trichlorobenzene	180		6.776					
65 2,4-Dimethylphenol	107		6.782					
71 Benzoic acid	122		6.846					
70 Bis(2-chloroethoxy)methane	93		6.867					
68 o,o',o''-Triethylphosphorothioat	198		6.890					
73 2,4-Dichlorophenol	162		6.969					
72 alpha,alpha-Dimethyl phenethylam	58		7.013					9
74 1,2,4-Trichlorobenzene	180		7.049					
75 Naphthalene	128		7.124					
76 4-Chloroaniline	127		7.156					
77 2,6-Dichlorophenol	162		7.216					
79 Hexachlorobutadiene	225		7.220					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
80 1,2,3-Trichlorobenzene	180		7.241					
78 Hexachloropropene	213		7.248					
84 Caprolactam	113		7.439					
83 N-Nitrosodi-n-butylamine	84		7.478					
85 p-Phenylene diamine	108		7.505					9
86 4-Chloro-3-methylphenol	107		7.551					
153 Diphenylsulfone	125		7.616					
94 Safrole, Total	162		7.670					
87 2-Methylnaphthalene	142		7.711					
88 1-Methylnaphthalene	142		7.797					
90 1,2,3,5-Tetrachlorobenzene	216		7.840					
89 Hexachlorocyclopentadiene	237	7.841	7.840	0.001	11	2261	0.0803	
91 1,2,4,5-Tetrachlorobenzene	216		7.905					
225 Isosafrole Peak 1	162		7.921					9
92 2,4,6-Trichlorophenol	196		7.941					
93 2,4,5-Trichlorophenol	196		7.973					
97 2,4-Toluene diamine	121		8.085					
99 1,2,3,4 -Tetrachlorobenzene	216		8.096					
98 1,1'-Biphenyl	154		8.101					
227 Isosafrole Peak 2	162		8.114					9
100 2-Chloronaphthalene	162		8.128					
102 2-Nitroaniline	65		8.203					
103 1,4-Naphthoquinone	158		8.322					
105 Dimethyl phthalate	163		8.336					
104 1,4-Dinitrobenzene	168		8.365					
107 2,6-Dinitrotoluene	165		8.395					
106 1,3-Dinitrobenzene	168		8.424					
108 1,2-Dinitrobenzene	168		8.449					
109 Acenaphthylene	152		8.486					
110 3-Nitroaniline	138		8.545					
112 Acenaphthene	153		8.630					
111 2,4-Dinitrophenol	184		8.630					
113 4-Nitrophenol	109		8.662					
114 2,4-Dinitrotoluene	165		8.737					
116 Dibenzofuran	168		8.774					
115 Pentachlorobenzene	250		8.792					
118 2,3,5,6-Tetrachlorophenol	232		8.833					
117 1-Naphthylamine	143		8.888					
119 2,3,4,6-Tetrachlorophenol	232		8.920					
121 Diethyl phthalate	149		8.929					
120 2-Naphthylamine	143		8.958					
123 4-Chlorophenyl phenyl ether	204		9.047					
122 Thionazin	97		9.054					9
125 4-Nitroaniline	138		9.063					
126 Fluorene	166		9.063					
128 4,6-Dinitro-2-methylphenol	198	9.085	9.084	0.001	61	20911	1.89	
124 N-Nitro-o-toluidine	152		9.113					9
127 Tributyl phosphate	99		9.139					9
131 N-Nitrosodiphenylamine	169		9.143					
132 1,2-Diphenylhydrazine	77		9.180					
133 Azobenzene	77		9.180					
130 Diphenylamine	169		9.198					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
176 Hexabromobenzene	232		9.208					
134 Sulfotepp	202		9.305					
135 1,3,5-Trinitrobenzene	213		9.391					
228 Diallate Peak 1	86		9.433					9
137 Phenacetin	108		9.433					9
138 Phorate	121		9.444					
139 4-Bromophenyl phenyl ether	248		9.464					
230 Diallate Peak 2	86		9.513					9
141 Hexachlorobenzene	284		9.533					
142 Atrazine	200		9.576					
179 6-Methylchrysene	242		9.576					
140 Dimethoate	87		9.588					9
143 Pentachlorophenol	266		9.688					
129 4-Aminobiphenyl	169		9.738					9
145 Pentachloronitrobenzene	237		9.754					9
144 Pronamide	173		9.759					
147 Dinoseb	211		9.877					
146 Disulfoton	88		9.882					9
148 Phenanthrene	178		9.886					
149 Anthracene	178		9.928					
150 DFTPP								
151 Carbazole	167		10.051					
152 Methyl parathion	109		10.203					
154 Di-n-butyl phthalate	149		10.302					
155 Ethyl Parathion	97		10.523					
156 4-Nitroquinoline-1-oxide	190		10.582					
157 Methapyrilene	58		10.625					
158 Isodrin	66		10.828					9
159 Fluoranthene	202		10.895					
160 Benzidine	184		10.991					
161 Pyrene	202		11.114					
166 4,4'-DDE	246		11.164					9
226 Aramite Peak 1	185		11.244					9
229 Aramite Peak 2	185		11.319					9
163 p-Dimethylamino azobenzene	225		11.431					
164 Chlorobenzilate	139		11.463					
165 4,4'-DDD	235		11.580					
168 Butyl benzyl phthalate	149		11.713					
187 Dibenz[a,h]acridine	279		11.729					
167 Famphur	218		11.736					
169 3,3'-Dimethylbenzidine	212		11.794					
186 Dibenz[a,j]acridine	279		11.804					
170 4,4'-DDT	235		11.843					
171 2-Acetylaminofluorene	181		12.094					
172 3,3'-Dimethoxybenzidine	244		12.332					
174 4,4'-Methylene bis(2-chloroanili	231		12.380					
175 3,3'-Dichlorobenzidine	252		12.380					
173 Bis(2-ethylhexyl) phthalate	149		12.396					
177 Benzo[a]anthracene	228		12.439					
178 Chrysene	228		12.487					
180 Di-n-octyl phthalate	149		13.321					
182 Benzo[b]fluoranthene	252		13.972					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
183 Benzo[k]fluoranthene	252		14.015					
181 7,12-Dimethylbenz(a)anthracene	256		14.065					
184 Benzo[a]pyrene	252		14.480					
185 3-Methylcholanthrene	268		15.139					
188 Indeno[1,2,3-cd]pyrene	276		16.253					
189 Dibenz(a,h)anthracene	278		16.285					
190 Benzo[g,h,i]perylene	276		16.723					
S 191 Methyl Phenols,Total	100		0.000					7
S 95 Isosafrole	162		5.568					7
S 136 Diallate	86		6.701					7
S 162 Aramite, Total	185		8.271					7
T 192 Octadecane (TIC)	57		0.000					1
T 195 Hydroquinone TIC	110		0.000					1
T 194 Decane TIC	57		0.000					1
T 240 Trimethyl phosphate TIC	110		3.120					1
T 234 2-Isopropylphenol TIC	121		4.623					1
T 236 3-isopropylphenol TIC	121		4.756					1
T 235 4-isopropylphenol TIC	121		4.756					1
T 193 Hexamethylphosphoramide TIC	135		5.100					1
T 237 3-(1,1-Dimethylethyl Phenol) TIC	135		5.110					1
T 196 Kepone TIC	272		8.281					
T 242 Triphenyl Phosphate TIC	326		8.700					1
T 238 2,3,7,8-TCDD TIC	1		9.000					1
T 231 2,3,7,8-TCDD	322		9.150					1
T 197 Hexachlorophene TIC	198		9.269					
T 241 Tricresyl phosphate TIC	368		9.372					1
T 239 Tris(2,3-dibromopropyl)phosphate	201		10.600					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

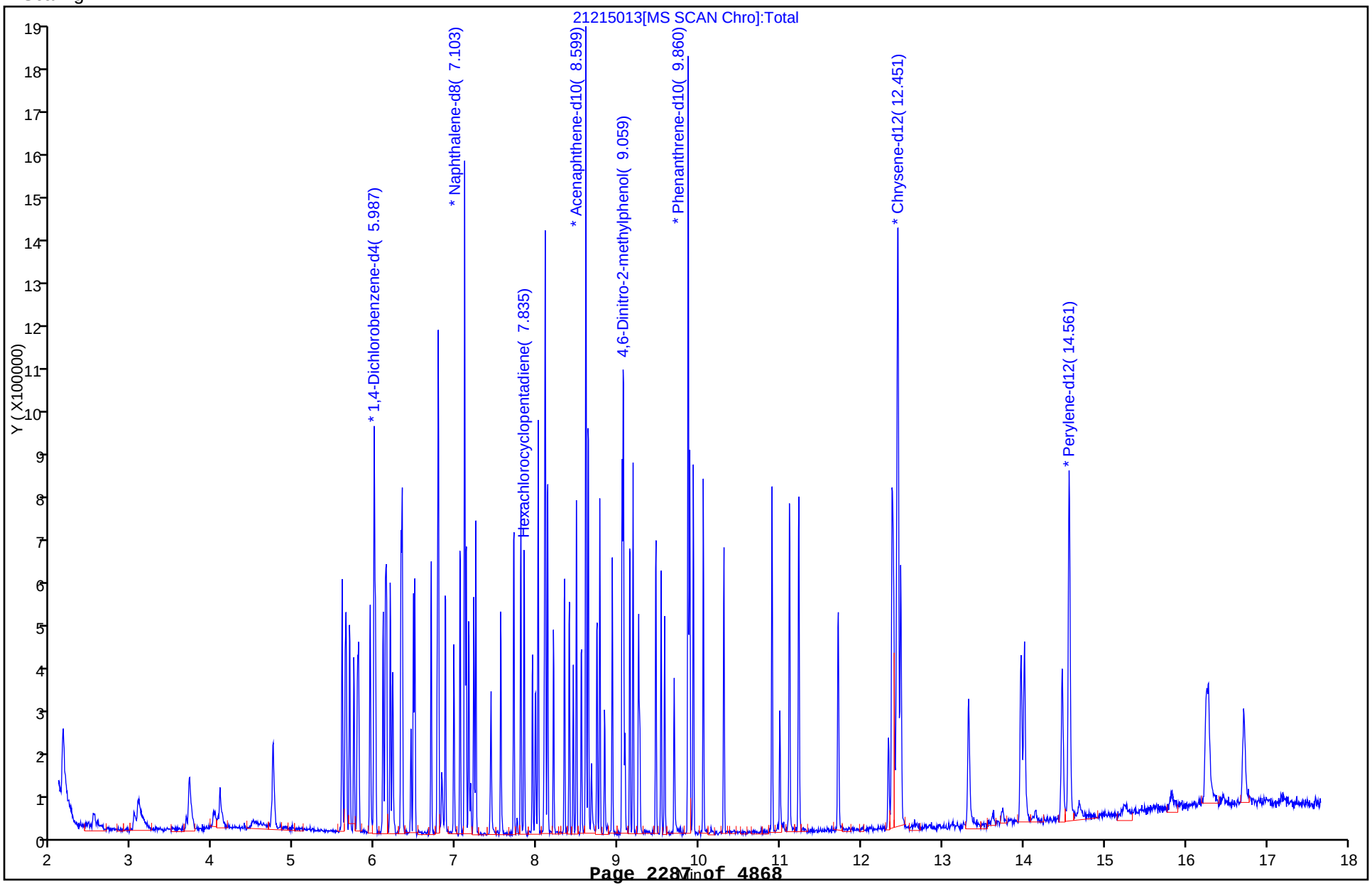
Report Date: 17-Dec-2012 14:27:41 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121215-15876.b\21215013.D

Injection Date:	15-Dec-2012 16:36:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68844	Lims Sample ID:	13
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107001.D		
Lims ID:	dftpp	Client ID:	
Inject. Date:	07-Nov-2012 11:21:30	Dil. Factor:	1.0000
Sample Type:	DFTPP		
Sample ID:	240-0014744-001		
Misc. Info.:	dftpp =DFTPP		
Operator:	001710	Instrument ID:	A4HP7
Injection Vol:	1.0 ul	ALS Bottle#:	1
Lims Batch ID:	64102	Lims Sample ID:	1
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\8270_hp7.m		
Last Update:	08-Nov-2012 13:38:02	Calib Date:	07-Nov-2012 14:51:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK004		
First Level Reviewer: gruberj		Date:	07-Nov-2012 14:45:23

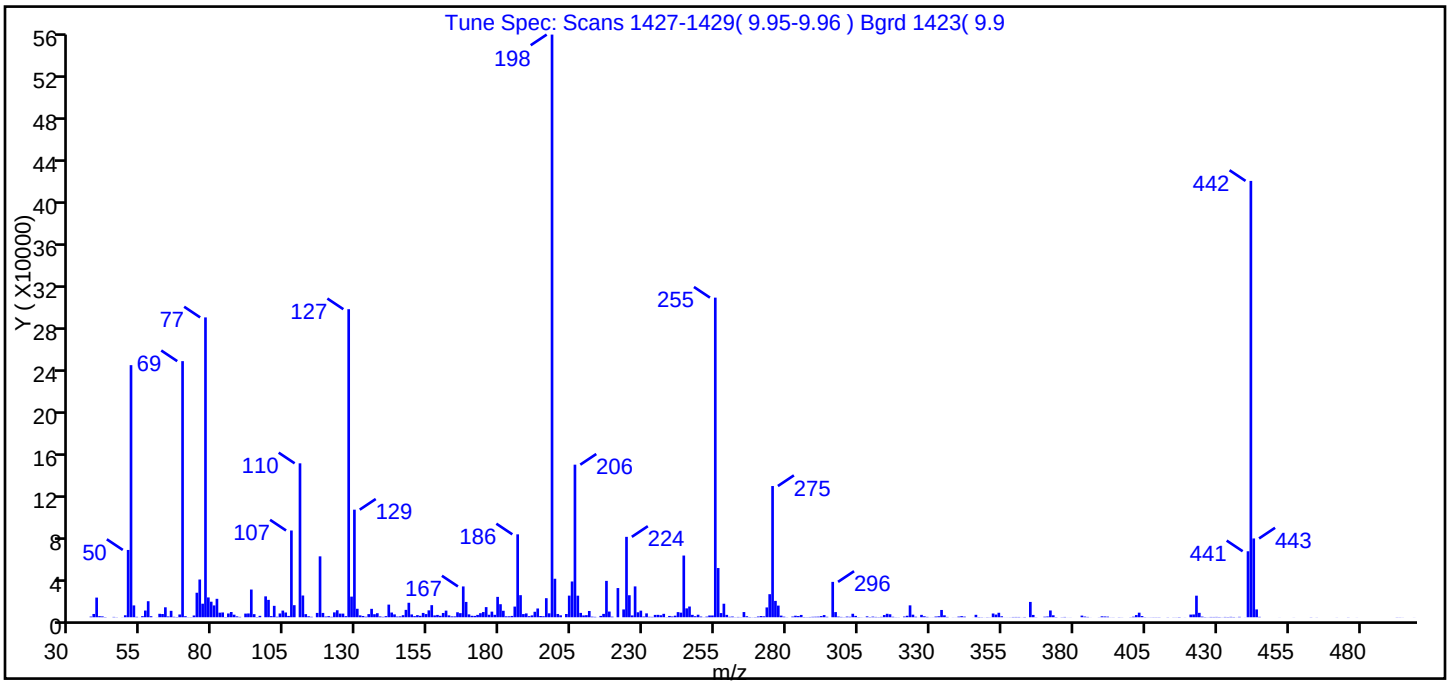
Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
141 Pentachlorophenol	266	9.594	9.594	0.0	86	694720	0	
148 DFTPP								
158 Benzidine	184	10.894	10.894	0.0	99	3841446	0	
164 4,4'-DDE	246	11.060	11.060	0.0	28	2345	0	
163 4,4'-DDD	235	11.434	11.434	0.0	56	18208	0	
168 4,4'-DDT	235	11.718	11.718	0.0	98	1755901	0	

MS Tune Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107001.D		
Injection Date:	07-Nov-2012 11:21:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	64102	Lims Sample ID:	1
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm
Tune Method:	DFTPP Method CLP OLM4.2		

148 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 80.00% of mass 198	43.27
68	Less than 2.00% of mass 69	0.48 (1.09)
69	Present	43.95
70	Less than 2.00% of mass 69	0.18 (0.41)
127	25.00 - 75.00% of mass 198	52.87
197	Less than 1.00% of mass 198	0.67
199	5.00 - 9.00% of mass 198	6.61
275	10.00 - 30.00% of mass 198	22.52
365	Greater than 0.75% of mass 198	2.63
441	Present, but less than mass 443%	11.33 (83.75)
442	40.00 - 110.00% of mass 198	74.89
443	15.00 - 24.00% of mass 442	13.52 (18.06)

Report Date: 08-Nov-2012 13:38:03 Chrom Revision: 2.0 22-Oct-2012 16:30:48

Data File: \\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107001.D\8270_hp7.rslt\spectra.d
Injection Date: 07-Nov-2012 11:21:30
Spectrum: Tune Spec: Scans 1427-1429(9.95-9.96) Bgrd 1423(9.9
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 386

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	646	141.00	12119	241.00	1517	342.00	603
38.00	3153	142.00	4521	242.00	4915	345.00	53
39.00	18848	143.00	2742	243.00	4403	346.00	2341
40.00	1060	144.00	677	244.00	59144	347.00	250
41.00	839	145.00	848	245.00	8520	348.00	173
42.00	234	146.00	1980	246.00	10290	349.00	54
45.00	327	147.00	7085	247.00	2308	350.00	179
46.00	141	148.00	13885	248.00	986	351.00	110
48.00	79	149.00	2706	249.00	2431	352.00	3599
49.00	1890	150.00	1077	250.00	652	353.00	2571
50.00	64504	151.00	2037	251.00	113	354.00	4303
51.00	241600	152.00	1396	252.00	603	355.00	929
52.00	11345	153.00	4144	253.00	1699	356.00	57
53.00	416	154.00	3040	254.00	1711	357.00	68
54.00	37	155.00	6612	255.00	306304	358.00	93
55.00	1054	156.00	11593	256.00	47176	359.00	277
56.00	6421	157.00	1760	257.00	4007	360.00	297
57.00	15375	158.00	2242	258.00	12972	361.00	286
58.00	980	159.00	1417	259.00	2290	362.00	50
60.00	52	160.00	4090	260.00	461	363.00	261
61.00	3310	161.00	6351	261.00	690	365.00	14691
62.00	3104	162.00	1807	262.00	132	366.00	2225
63.00	9536	163.00	835	263.00	322	367.00	132
64.00	774	164.00	807	264.00	167	370.00	532
65.00	6172	165.00	4775	265.00	4992	371.00	711
66.00	431	166.00	3926	266.00	962	372.00	6493
67.00	253	167.00	29536	267.00	257	373.00	1889
68.00	2664	168.00	14685	268.00	125	374.00	221
69.00	245440	169.00	2768	269.00	217	376.00	149
70.00	1000	170.00	1399	270.00	695	377.00	296
71.00	154	171.00	1305	271.00	1184	378.00	50
72.00	179	172.00	2266	272.00	900	379.00	72
73.00	1688	173.00	3899	273.00	9418	383.00	1586

Report Date: 08-Nov-2012 13:38:03 Chrom Revision: 2.0 22-Oct-2012 16:30:48
Data File: \\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107001.D\8270_hp7.rslt\spectra.d
Injection Date: 07-Nov-2012 11:21:30
Spectrum: Tune Spec: Scans 1427-1429(9.95-9.96) Bgrd 1423(9.9
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 386

m/z	Y	m/z	Y	m/z	Y	m/z	Y
74.00	23496	174.00	4990	274.00	22104	384.00	672
75.00	36176	175.00	9724	275.00	125760	385.00	337
76.00	12994	176.00	2392	276.00	15697	386.00	53
77.00	287360	177.00	5387	277.00	11169	389.00	107
78.00	19000	178.00	2319	278.00	1572	390.00	899
79.00	14891	179.00	19536	279.00	553	391.00	743
80.00	11346	180.00	12506	280.00	114	392.00	608
81.00	17672	181.00	6214	282.00	670	393.00	82
82.00	4385	182.00	887	283.00	1481	394.00	102
83.00	4592	183.00	922	284.00	1157	396.00	150
84.00	250	184.00	1273	285.00	2210	397.00	83
85.00	3624	185.00	10227	286.00	260	400.00	147
86.00	5017	186.00	79456	287.00	187	401.00	562
87.00	2452	187.00	21160	288.00	285	402.00	2068
88.00	853	188.00	3053	289.00	436	403.00	4380
89.00	371	189.00	3665	290.00	518	404.00	1130
91.00	3509	190.00	1062	291.00	594	405.00	183
92.00	3635	191.00	1778	292.00	1127	406.00	77
93.00	26568	192.00	5246	293.00	2093	407.00	109
94.00	2971	193.00	8409	294.00	451	408.00	157
95.00	242	194.00	1180	296.00	33912	409.00	149
96.00	1359	195.00	966	297.00	4947	410.00	159
98.00	20032	196.00	18272	298.00	652	413.00	142
99.00	16656	197.00	3766	299.00	336	415.00	107
100.00	1091	198.00	558400	300.00	146	416.00	106
101.00	10950	199.00	36904	301.00	646	417.00	247
102.00	475	200.00	3145	302.00	437	419.00	59
103.00	3624	201.00	1860	303.00	3356	421.00	2549
104.00	6386	203.00	3123	304.00	1301	422.00	2685
105.00	4572	204.00	20736	305.00	226	423.00	20680
106.00	1285	205.00	34288	306.00	121	424.00	4235
107.00	83144	206.00	146240	307.00	53	425.00	638
108.00	11554	207.00	20680	308.00	885	426.00	213
110.00	147520	208.00	4188	309.00	250	427.00	114

Report Date: 08-Nov-2012 13:38:03 Chrom Revision: 2.0 22-Oct-2012 16:30:48
Data File: \\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107001.D\8270_hp7.rslt\spectra.d
Injection Date: 07-Nov-2012 11:21:30
Spectrum: Tune Spec: Scans 1427-1429(9.95-9.96) Bgrd 1423(9.9
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 386

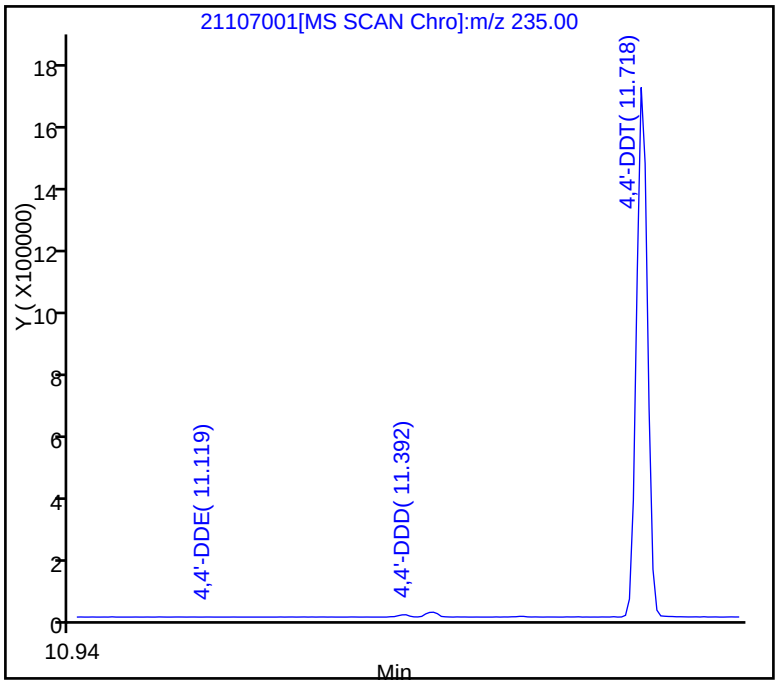
m/z	Y	m/z	Y	m/z	Y	m/z	Y
111.00	20840	209.00	1745	310.00	613	428.00	297
112.00	2996	210.00	2005	311.00	334	429.00	284
113.00	961	211.00	6005	312.00	223	430.00	332
114.00	461	212.00	579	313.00	384	431.00	256
115.00	3	213.00	392	314.00	2112	432.00	87
116.00	4165	214.00	54	315.00	3333	433.00	305
117.00	58376	215.00	1296	316.00	2863	434.00	247
118.00	4142	216.00	3236	317.00	474	435.00	381
119.00	676	217.00	34864	318.00	132	436.00	258
120.00	1056	218.00	5478	319.00	114	437.00	58
121.00	433	219.00	575	321.00	682	438.00	398
122.00	4676	221.00	27992	322.00	1435	440.00	57
123.00	6717	223.00	7491	323.00	11410	441.00	63248
124.00	3499	224.00	77056	324.00	2478	442.00	418176
125.00	3503	225.00	21104	325.00	504	443.00	75520
126.00	1021	226.00	1757	326.00	56	444.00	7513
127.00	295232	227.00	29568	327.00	2294	445.00	389
128.00	19784	228.00	4760	328.00	930	452.00	50
129.00	103112	229.00	6326	329.00	365	457.00	62
130.00	8123	230.00	675	330.00	66	463.00	136
131.00	1811	231.00	3717	331.00	82	465.00	84
132.00	1231	232.00	472	332.00	681	472.00	66
133.00	523	233.00	379	333.00	967	476.00	114
134.00	3022	234.00	2254	334.00	6990	479.00	50
135.00	8068	235.00	2314	335.00	1857	493.00	132
136.00	2922	236.00	1919	336.00	335	494.00	110
137.00	3861	237.00	3287	338.00	76	495.00	64
138.00	769	238.00	162	339.00	55	499.00	52
139.00	403	239.00	1249	340.00	639		
140.00	1061	240.00	742	341.00	1066		

Breakdown Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107001.D		
Injection Date:	07-Nov-2012 11:21:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	64102	Lims Sample ID:	1
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

168 4,4'-DDT, Detector: MS SCAN



SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

168 4,4'-DDT, Area = 1755901
163 4,4'-DDD, Area = 18208
164 4,4'-DDE, Area = 2345

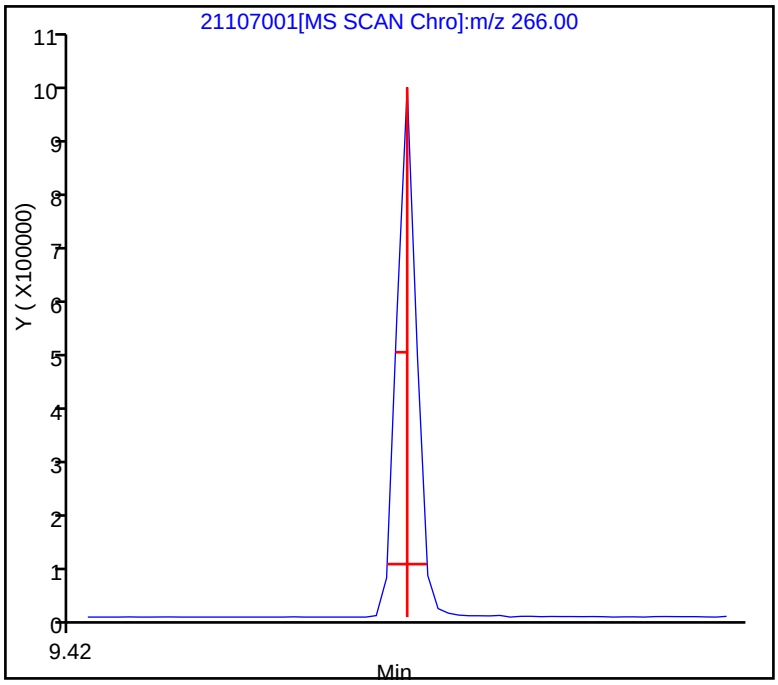
%Breakdown: 1.16%, Max Limit: 20.00%
Passed

Peak Tailing Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107001.D		
Injection Date:	07-Nov-2012 11:21:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	64102	Lims Sample ID:	1
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

141 Pentachlorophenol, Detector: MS SCAN



Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.010 (min.)
Front Width = 0.010 (min.)

Tailing Factor = 1.0, Max. Tailing < 5.00
Passed

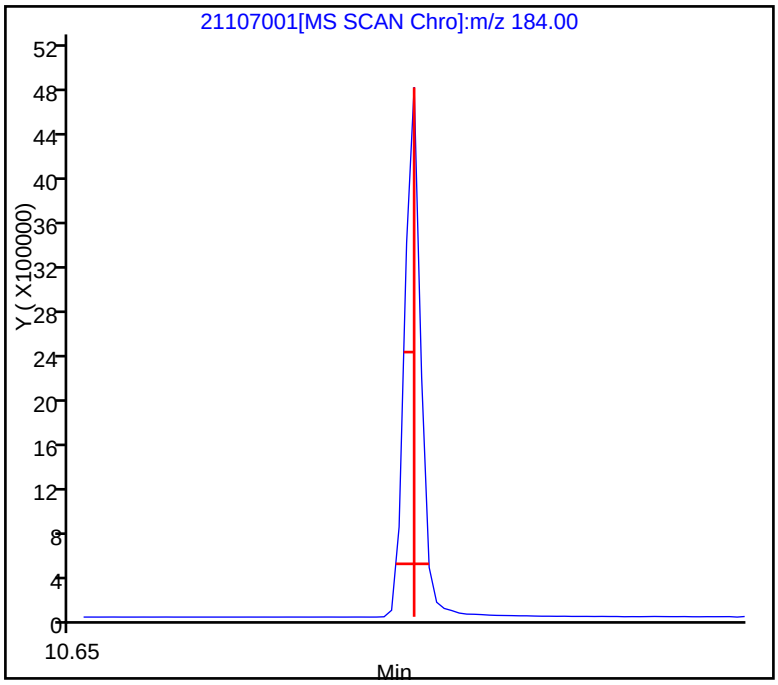
Report Date: 08-Nov-2012 13:38:03 Chrom Revision: 2.0 22-Oct-2012 16:30:48

Peak Tailing Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121107-14744.b\21107001.D		
Injection Date:	07-Nov-2012 11:21:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	64102	Lims Sample ID:	1
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

158 Benzidine, Detector: MS SCAN



Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.011 (min.)
Front Width = 0.013 (min.)

Tailing Factor = 0.8, Max. Tailing < 3.00
Passed

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121001.D		
Lims ID:	dftpp	Client ID:	
Inject. Date:	21-Nov-2012 11:18:30	Dil. Factor:	1.0000
Sample Type:	DFTPP		
Sample ID:	240-0015157-001		
Misc. Info.:	dftpp =DFTPP		
Operator:	001710	Instrument ID:	A4HP7
Injection Vol:	1.0 ul	ALS Bottle#:	1
Lims Batch ID:	65876	Lims Sample ID:	1
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP7\20121121-15157.b\8270_hp7.m		
Last Update:	23-Nov-2012 10:11:29	Calib Date:	14-Nov-2012 18:19:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP7\20121114-14953.b\21114010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK037		

First Level Reviewer: gruberj Date: 21-Nov-2012 12:35:54

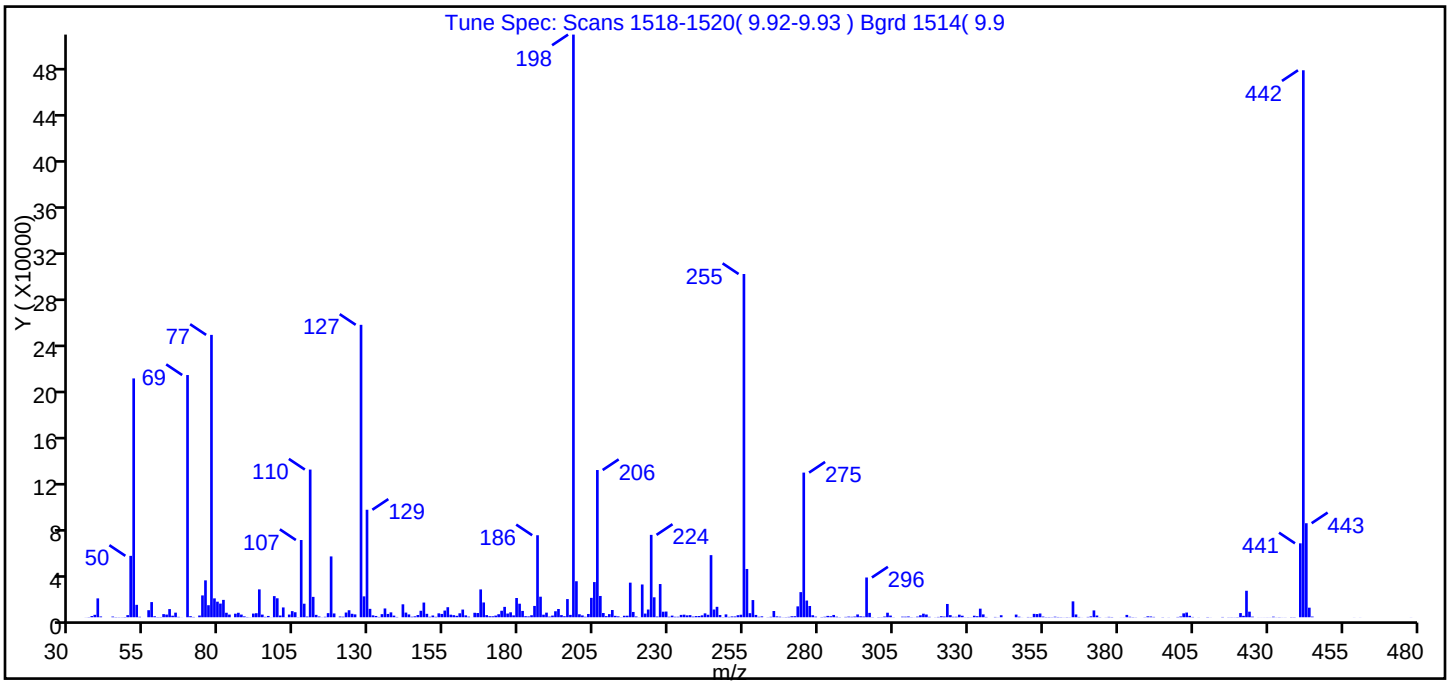
Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
141 Pentachlorophenol	266	9.564	9.564	0.0	86	591173	0	
148 DFTPP								
158 Benzidine	184	10.859	10.859	0.0	100	3483239	0	
164 4,4'-DDE	246	11.019	11.019	0.0	30	2359	0	
163 4,4'-DDD	235	11.388	11.388	0.0	83	18153	0	
168 4,4'-DDT	235	11.672	11.672	0.0	98	1645645	0	

MS Tune Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121001.D		
Injection Date:	21-Nov-2012 11:18:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	1
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm
Tune Method:	DFTPP Method CLP OLM4.2		

148 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 80.00% of mass 198	40.99
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Present	41.57
70	Less than 2.00% of mass 69	0.18 (0.44)
127	25.00 - 75.00% of mass 198	50.19
197	Less than 1.00% of mass 198	0.41
199	5.00 - 9.00% of mass 198	6.18
275	10.00 - 30.00% of mass 198	24.83
365	Greater than 0.75% of mass 198	2.73
441	Present, but less than mass 443%	12.69 (78.62)
442	40.00 - 110.00% of mass 198	93.88
443	15.00 - 24.00% of mass 442	16.14 (17.19)

Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121001.D\8270_hp7.rslt\spectra.d
Injection Date: 21-Nov-2012 11:18:30
Spectrum: Tune Spec: Scans 1518-1520(9.92-9.93) Bgrd 1514(9.9
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 370

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.00	68	137.00	4269	230.00	457	330.00	170
36.00	179	138.00	1429	231.00	1420	331.00	117
37.00	1052	139.00	275	232.00	434	332.00	1346
38.00	2117	140.00	4	233.00	452	333.00	899
39.00	16464	141.00	11296	234.00	2053	334.00	7487
40.00	688	142.00	4066	235.00	2254	335.00	2503
44.00	604	143.00	2463	236.00	1640	336.00	284
45.00	188	144.00	473	237.00	1855	339.00	276
46.00	154	145.00	811	238.00	587	340.00	85
47.00	128	146.00	1944	239.00	1028	341.00	1754
48.00	223	147.00	5651	240.00	1083	346.00	2333
49.00	1846	148.00	12816	241.00	1656	347.00	483
50.00	53520	149.00	2992	242.00	3398	348.00	59
51.00	208192	150.00	431	243.00	2175	350.00	257
52.00	10832	151.00	1531	244.00	54152	351.00	171
53.00	407	152.00	390	245.00	6753	352.00	2964
56.00	6148	153.00	3423	246.00	9093	353.00	2793
57.00	13232	154.00	2893	247.00	1974	354.00	3284
58.00	843	155.00	5839	248.00	174	355.00	593
59.00	215	156.00	8752	249.00	2497	356.00	197
60.00	248	157.00	2231	250.00	358	357.00	231
61.00	2727	158.00	1817	251.00	709	358.00	150
62.00	2350	159.00	1251	252.00	689	359.00	484
63.00	7116	160.00	3453	253.00	1784	360.00	248
64.00	1348	161.00	6706	254.00	2198	361.00	168
65.00	4007	162.00	1650	255.00	299200	362.00	75
66.00	351	163.00	552	256.00	42088	363.00	175
67.00	60	164.00	38	257.00	3547	364.00	106
69.00	211136	165.00	3895	258.00	14992	365.00	13864
70.00	920	166.00	3696	259.00	2026	366.00	2442
71.00	273	167.00	24256	260.00	438	367.00	282
72.00	22	168.00	12893	261.00	780	368.00	53
73.00	1505	169.00	1859	263.00	123	370.00	302

Report Date: 23-Nov-2012 10:11:29 Chrom Revision: 2.0 15-Nov-2012 14:43:54
Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121001.D\8270_hp7.rslt\spectra.d
Injection Date: 21-Nov-2012 11:18:30
Spectrum: Tune Spec: Scans 1518-1520(9.92-9.93) Bgrd 1514(9.9
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 370

m/z	Y	m/z	Y	m/z	Y	m/z	Y
74.00	19040	170.00	887	264.00	399	371.00	767
75.00	32160	171.00	863	265.00	5454	372.00	5966
76.00	10506	172.00	1438	266.00	734	373.00	1501
77.00	246144	173.00	2642	267.00	472	374.00	146
78.00	16464	174.00	5676	268.00	109	376.00	80
79.00	13583	175.00	9048	269.00	186	377.00	338
80.00	11907	176.00	3230	270.00	330	378.00	230
81.00	15139	177.00	4321	271.00	864	381.00	55
82.00	3930	178.00	1646	272.00	904	382.00	74
83.00	2327	179.00	16776	273.00	9499	383.00	2056
85.00	3100	180.00	11808	274.00	21904	384.00	454
86.00	3903	181.00	5519	275.00	126096	385.00	187
87.00	2327	182.00	918	276.00	14578	386.00	114
88.00	769	183.00	730	277.00	9817	389.00	151
89.00	244	184.00	1751	278.00	1745	390.00	815
90.00	112	185.00	9858	279.00	543	391.00	653
91.00	3216	186.00	71488	281.00	241	392.00	319
92.00	3519	187.00	17912	282.00	428	395.00	156
93.00	24296	188.00	2237	283.00	1201	397.00	88
94.00	2321	189.00	4013	284.00	855	400.00	269
95.00	355	190.00	586	285.00	2009	401.00	673
96.00	1138	191.00	1463	286.00	503	402.00	3400
97.00	72	192.00	5235	287.00	167	403.00	4102
98.00	18432	193.00	7192	289.00	321	404.00	1264
99.00	16552	194.00	1871	290.00	575	405.00	275
100.00	1502	195.00	897	291.00	409	407.00	74
101.00	8558	196.00	15848	292.00	618	410.00	232
102.00	74	197.00	2058	293.00	2441	411.00	60
103.00	2354	198.00	507904	294.00	808	415.00	262
104.00	5338	199.00	31392	295.00	573	417.00	139
105.00	4372	200.00	2611	296.00	34664	418.00	149
106.00	144	201.00	1589	297.00	3821	419.00	115
107.00	67328	202.00	450	298.00	170	420.00	198
108.00	11803	203.00	2859	300.00	188	421.00	3637

Report Date: 23-Nov-2012 10:11:29 Chrom Revision: 2.0 15-Nov-2012 14:43:54
Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121001.D\8270_hp7.rslt\spectra.d
Injection Date: 21-Nov-2012 11:18:30
Spectrum: Tune Spec: Scans 1518-1520(9.92-9.93) Bgrd 1514(9.9
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 370

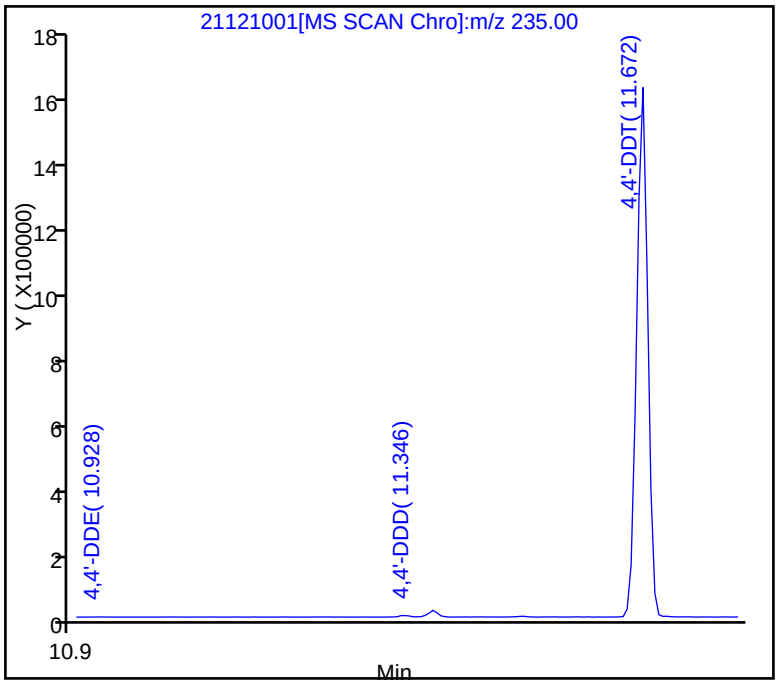
m/z	Y	m/z	Y	m/z	Y	m/z	Y
109.00	607	204.00	16920	301.00	153	422.00	1243
110.00	128744	205.00	30664	302.00	629	423.00	23096
111.00	17768	206.00	128336	303.00	3948	424.00	4875
112.00	2087	207.00	18560	304.00	1473	425.00	536
113.00	675	208.00	3691	305.00	128	427.00	63
114.00	93	209.00	965	308.00	517	428.00	56
115.00	416	210.00	2718	309.00	500	429.00	60
116.00	3587	211.00	6313	310.00	695	430.00	83
117.00	53032	212.00	1237	311.00	164	431.00	70
118.00	3322	213.00	785	312.00	62	432.00	520
120.00	652	214.00	149	313.00	547	433.00	86
121.00	499	215.00	1305	314.00	1751	434.00	166
122.00	4109	216.00	1354	315.00	3111	435.00	70
123.00	6122	217.00	30160	316.00	2390	436.00	76
124.00	3021	218.00	4620	317.00	383	438.00	198
125.00	2506	219.00	678	319.00	99	439.00	182
127.00	254912	220.00	94	320.00	301	441.00	64440
128.00	18208	221.00	28576	321.00	883	442.00	476800
129.00	93704	222.00	3201	322.00	598	443.00	81968
130.00	7324	223.00	6738	323.00	11589	444.00	8347
131.00	1642	224.00	71816	324.00	1846	445.00	596
132.00	1124	225.00	17400	325.00	384	459.00	57
133.00	300	226.00	622	326.00	424	461.00	56
134.00	2709	227.00	28960	327.00	2235	478.00	58
135.00	7665	228.00	4835	328.00	1328		
136.00	2885	229.00	4983	329.00	98		

Breakdown Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121001.D		
Injection Date:	21-Nov-2012 11:18:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	1
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

168 4,4'-DDT, Detector: MS SCAN



SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

168 4,4'-DDT, Area = 1645645
163 4,4'-DDD, Area = 18153
164 4,4'-DDE, Area = 2359

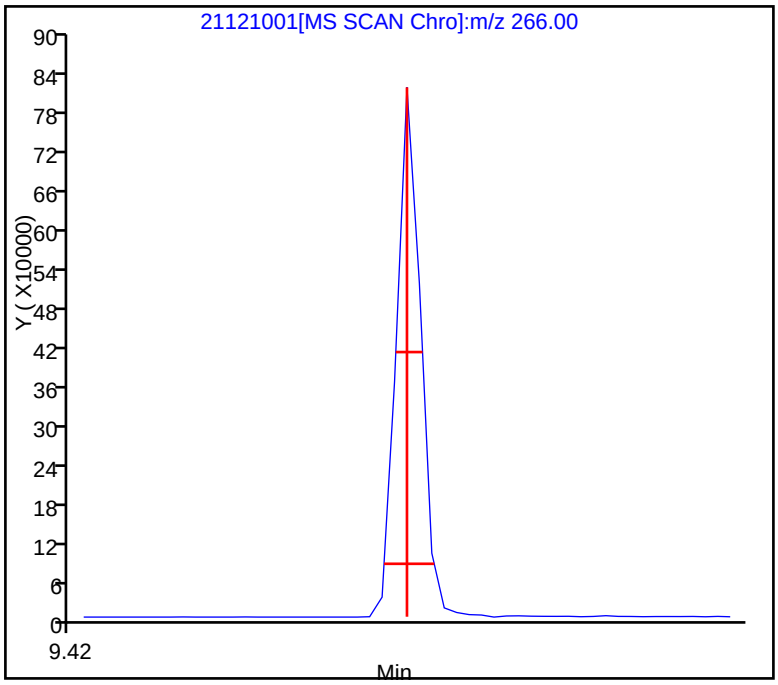
%Breakdown: 1.23%, Max Limit: 20.00%
Passed

Peak Tailing Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121001.D		
Injection Date:	21-Nov-2012 11:18:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	1
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

141 Pentachlorophenol, Detector: MS SCAN



Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.012 (min.)
Front Width = 0.010 (min.)

Tailing Factor = 1.2, Max. Tailing < 5.00
Passed

Report Date: 23-Nov-2012 10:11:29 Chrom Revision: 2.0 15-Nov-2012 14:43:54

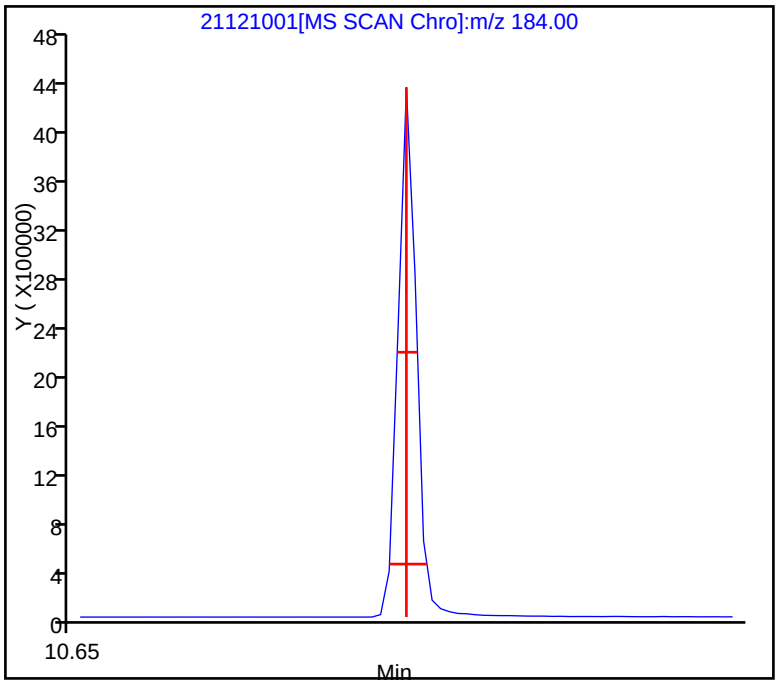
Peak Tailing Report

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121001.D

Injection Date:	21-Nov-2012 11:18:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	1
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

158 Benzidine, Detector: MS SCAN



Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.013 (min.)
Front Width = 0.011 (min.)

Tailing Factor = 1.2, Max. Tailing < 3.00
Passed

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123001.D		
Lims ID:	dftpp	Client ID:	
Inject. Date:	23-Nov-2012 09:05:30	Dil. Factor:	1.0000
Sample Type:	DFTPP		
Sample ID:	240-0015199-001		
Misc. Info.:	dftpp		
Operator:	001710	Instrument ID:	A4HP7
Injection Vol:	1.0 ul	ALS Bottle#:	1
Lims Batch ID:	66051	Lims Sample ID:	1
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP7\20121123-15199.b\8270_hp7.m		
Last Update:	26-Nov-2012 14:12:51	Calib Date:	14-Nov-2012 18:19:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP7\20121114-14953.b\21114010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK022		
First Level Reviewer: gruberj		Date:	23-Nov-2012 09:22:32

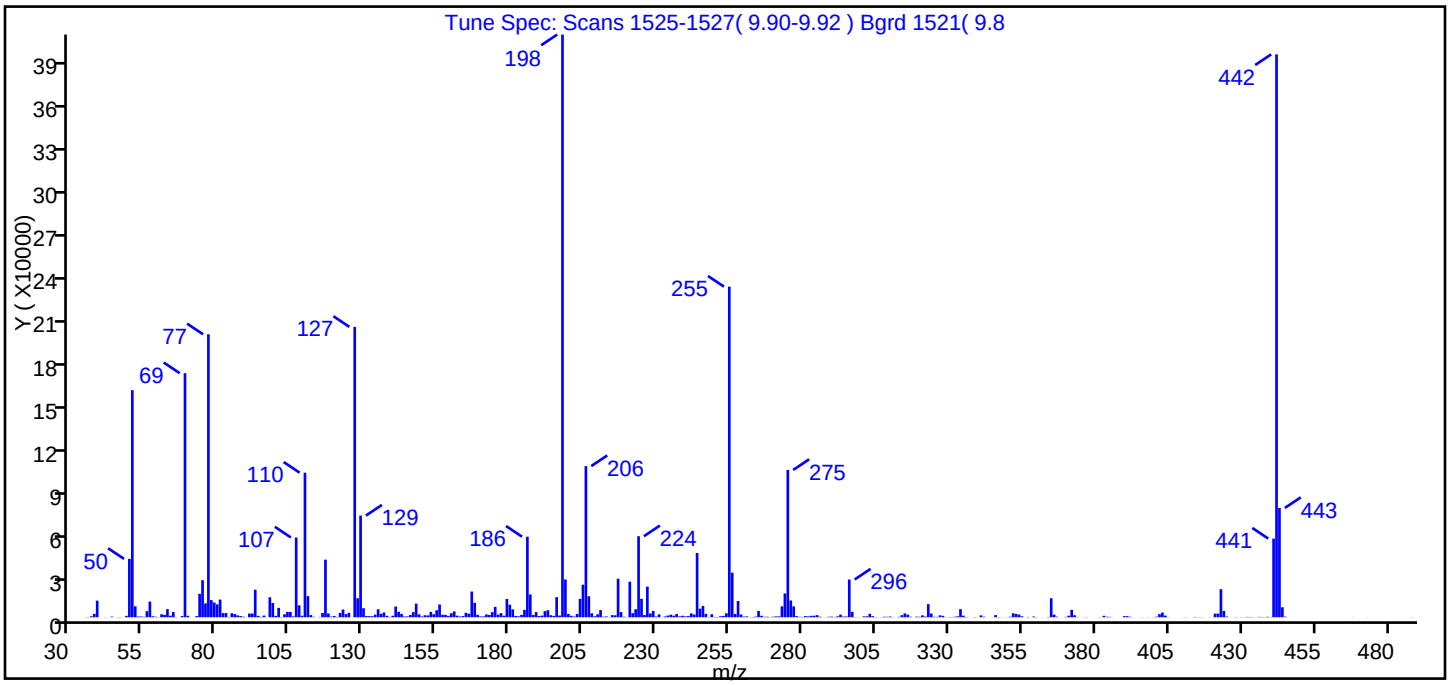
Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
141 Pentachlorophenol	266	9.552	9.552	0.0	85	520024	0	
148 DFTPP								
158 Benzidine	184	10.846	10.846	0.0	99	2824575	0	
164 4,4'-DDE	246	11.012	11.012	0.0	38	2995	0	
163 4,4'-DDD	235	11.370	11.370	0.0	65	16562	0	
168 4,4'-DDT	235	11.654	11.654	0.0	98	1375239	0	

MS Tune Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123001.D		
Injection Date:	23-Nov-2012 09:05:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	66051	Lims Sample ID:	1
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm
Tune Method:	DFTPP Method CLP OLM4.2		

148 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 80.00% of mass 198	38.97
68	Less than 2.00% of mass 69	0.21 (0.49)
69	Present	41.89
70	Less than 2.00% of mass 69	0.25 (0.60)
127	25.00 - 75.00% of mass 198	49.84
197	Less than 1.00% of mass 198	0.30
199	5.00 - 9.00% of mass 198	6.48
275	10.00 - 30.00% of mass 198	25.28
365	Greater than 0.75% of mass 198	3.26
441	Present, but less than mass 443%	13.50 (71.98)
442	40.00 - 110.00% of mass 198	96.61
443	15.00 - 24.00% of mass 442	18.75 (19.41)

Report Date: 26-Nov-2012 14:12:52 Chrom Revision: 2.0 15-Nov-2012 14:43:54

Data File: \\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123001.D\8270_hp7.rslt\spectra.d
Injection Date: 23-Nov-2012 09:05:30
Spectrum: Tune Spec: Scans 1525-1527(9.90-9.92) Bgrd 1521(9.8
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 367

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.00	95	137.00	3356	229.00	4441	325.00	310
36.00	153	138.00	1010	230.00	521	326.00	272
37.00	684	139.00	225	231.00	2035	327.00	1352
38.00	2352	140.00	1041	233.00	556	328.00	983
39.00	11621	141.00	7531	234.00	1178	329.00	97
42.00	86	142.00	3825	235.00	1778	330.00	138
43.00	4	143.00	2365	236.00	1102	331.00	142
44.00	431	144.00	557	237.00	2241	332.00	343
46.00	130	145.00	567	238.00	606	333.00	652
47.00	110	146.00	1582	239.00	1039	334.00	5699
49.00	987	147.00	3602	240.00	604	335.00	1085
50.00	40832	148.00	9536	241.00	788	336.00	201
51.00	158912	149.00	2013	242.00	2726	339.00	178
52.00	7663	150.00	569	243.00	1875	341.00	1330
53.00	522	151.00	1406	244.00	44976	342.00	367
54.00	518	152.00	1282	245.00	6032	345.00	79
55.00	328	153.00	3779	246.00	7938	346.00	1529
56.00	4260	154.00	2115	247.00	2378	347.00	185
57.00	10948	155.00	4906	248.00	116	348.00	84
58.00	716	156.00	8931	249.00	2103	349.00	54
59.00	357	157.00	1751	250.00	238	350.00	115
60.00	126	158.00	1677	251.00	229	351.00	387
61.00	2063	159.00	992	252.00	723	352.00	2740
62.00	1687	160.00	2813	253.00	939	353.00	2357
63.00	5662	161.00	4099	254.00	2798	354.00	1886
64.00	1085	162.00	1122	255.00	231360	355.00	677
65.00	3660	163.00	561	256.00	31200	357.00	221
66.00	149	164.00	825	257.00	2307	358.00	53
68.00	838	165.00	3114	258.00	11368	359.00	514
69.00	170816	166.00	2457	259.00	1931	360.00	145
70.00	1024	167.00	17976	260.00	485	362.00	50
73.00	841	168.00	10104	261.00	614	364.00	182
74.00	16400	169.00	1735	262.00	63	365.00	13301

Report Date: 26-Nov-2012 14:12:52 Chrom Revision: 2.0 15-Nov-2012 14:43:54
Data File: \\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123001.D\8270_hp7.rslt\spectra.d
Injection Date: 23-Nov-2012 09:05:30
Spectrum: Tune Spec: Scans 1525-1527(9.90-9.92) Bgrd 1521(9.8
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 367

m/z	Y	m/z	Y	m/z	Y	m/z	Y
75.00	25928	170.00	559	263.00	178	366.00	1848
76.00	9708	171.00	616	264.00	446	367.00	394
77.00	198016	172.00	1979	265.00	4363	370.00	254
78.00	11998	173.00	1663	266.00	1031	371.00	1092
79.00	10326	174.00	3574	267.00	315	372.00	5198
80.00	9010	175.00	7285	268.00	350	373.00	1406
81.00	12365	176.00	1846	269.00	169	374.00	217
82.00	2901	177.00	2873	270.00	408	376.00	52
83.00	2960	178.00	1089	271.00	594	377.00	148
84.00	211	179.00	12828	272.00	602	381.00	112
85.00	2791	180.00	8801	273.00	7654	382.00	81
86.00	2211	181.00	5508	274.00	16656	383.00	1021
87.00	1326	182.00	878	275.00	103088	384.00	366
88.00	822	183.00	671	276.00	11734	385.00	311
89.00	418	184.00	1665	277.00	7618	386.00	62
91.00	2604	185.00	5130	278.00	819	390.00	797
92.00	2591	186.00	56368	279.00	317	391.00	761
93.00	19272	187.00	15966	280.00	227	392.00	332
94.00	959	188.00	1577	281.00	827	393.00	70
95.00	266	189.00	3601	282.00	622	396.00	111
96.00	1185	190.00	873	283.00	1013	398.00	89
97.00	41	191.00	1167	284.00	1085	400.00	110
98.00	13996	192.00	4258	285.00	1490	401.00	378
99.00	9958	193.00	4929	286.00	397	402.00	2174
100.00	954	194.00	1436	287.00	51	403.00	3281
101.00	6572	195.00	938	288.00	79	404.00	1158
102.00	172	196.00	14054	289.00	321	405.00	139
103.00	2113	197.00	1219	290.00	460	410.00	64
104.00	3795	198.00	407744	291.00	184	411.00	94
105.00	3696	199.00	26432	292.00	660	414.00	194
106.00	606	200.00	2337	293.00	1835	415.00	117
107.00	55832	201.00	1042	294.00	485	416.00	113
108.00	8354	202.00	529	295.00	551	417.00	57
109.00	1072	203.00	2295	296.00	26408	419.00	67

Report Date: 26-Nov-2012 14:12:52 Chrom Revision: 2.0 15-Nov-2012 14:43:54
Data File: \\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123001.D\8270_hp7.rslt\spectra.d
Injection Date: 23-Nov-2012 09:05:30
Spectrum: Tune Spec: Scans 1525-1527(9.90-9.92) Bgrd 1521(9.8
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 367

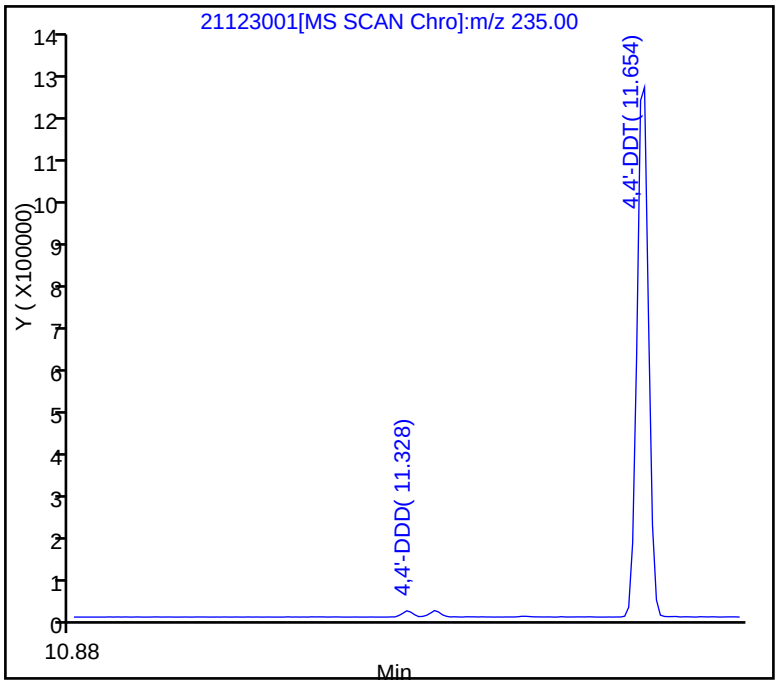
m/z	Y	m/z	Y	m/z	Y	m/z	Y
110.00	101168	204.00	12892	297.00	3771	421.00	2545
111.00	14791	205.00	22760	298.00	153	422.00	2601
112.00	1509	206.00	105776	299.00	90	423.00	19632
113.00	333	207.00	14693	301.00	598	424.00	4418
115.00	213	208.00	2823	302.00	666	425.00	501
116.00	3003	209.00	713	303.00	2421	428.00	148
117.00	40312	210.00	2056	304.00	771	430.00	142
118.00	2641	211.00	5029	305.00	170	431.00	83
119.00	455	212.00	381	306.00	56	432.00	252
120.00	923	213.00	585	307.00	105	433.00	198
121.00	261	214.00	129	308.00	388	434.00	135
122.00	3030	215.00	1478	309.00	298	436.00	255
123.00	5399	216.00	1365	310.00	501	437.00	214
124.00	2172	217.00	26960	311.00	130	438.00	150
125.00	3113	218.00	3614	313.00	296	439.00	324
127.00	203200	219.00	380	314.00	1471	440.00	132
128.00	13305	220.00	109	315.00	2706	441.00	55048
129.00	71144	221.00	24848	316.00	1814	442.00	393920
130.00	6324	222.00	2849	317.00	367	443.00	76472
131.00	910	223.00	5615	319.00	429	444.00	7003
132.00	788	224.00	56712	320.00	302	445.00	424
133.00	713	225.00	12892	321.00	1308	468.00	96
134.00	1837	226.00	1526	322.00	499	473.00	68
135.00	5589	227.00	21440	323.00	9171	488.00	90
136.00	2432	228.00	2657	324.00	2637		

Breakdown Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123001.D		
Injection Date:	23-Nov-2012 09:05:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	66051	Lims Sample ID:	1
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

168 4,4'-DDT, Detector: MS SCAN



SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

168 4,4'-DDT, Area = 1375239
163 4,4'-DDD, Area = 16562
164 4,4'-DDE, Area = 2995

%Breakdown: 1.40%, Max Limit: 20.00%
Passed

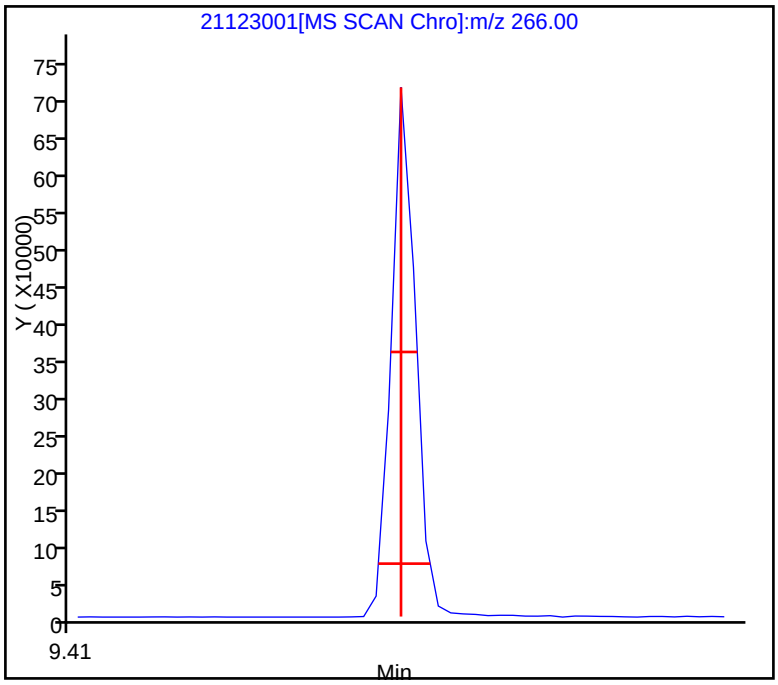
Report Date: 26-Nov-2012 14:12:52 Chrom Revision: 2.0 15-Nov-2012 14:43:54

Peak Tailing Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123001.D		
Injection Date:	23-Nov-2012 09:05:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	66051	Lims Sample ID:	1
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

141 Pentachlorophenol, Detector: MS SCAN



Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.013 (min.)
Front Width = 0.010 (min.)

Tailing Factor = 1.3, Max. Tailing < 5.00
Passed

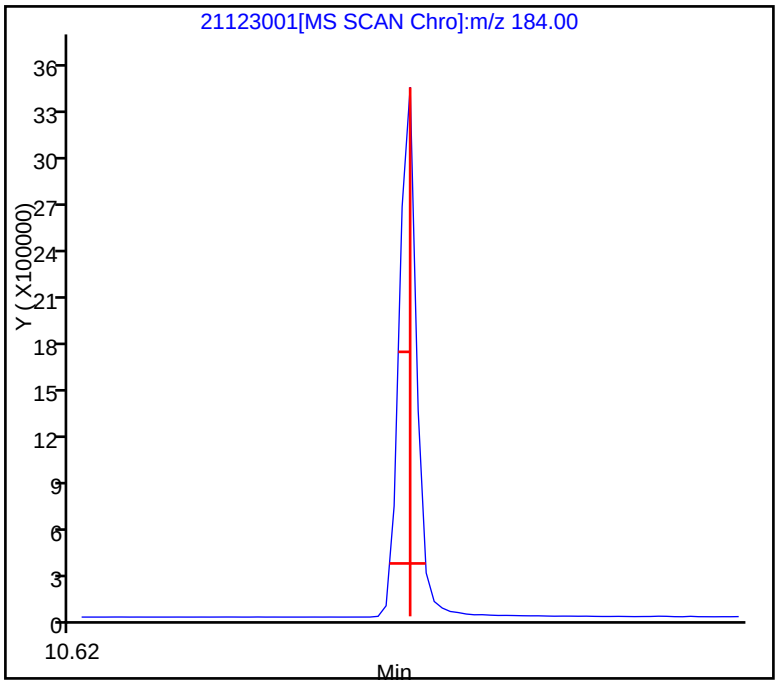
Report Date: 26-Nov-2012 14:12:52 Chrom Revision: 2.0 15-Nov-2012 14:43:54

Peak Tailing Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123001.D		
Injection Date:	23-Nov-2012 09:05:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	66051	Lims Sample ID:	1
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

158 Benzidine, Detector: MS SCAN



Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.010 (min.)
Front Width = 0.014 (min.)

Tailing Factor = 0.8, Max. Tailing < 3.00
Passed

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP9\20121128-15348.b\21127101.D		
Lims ID:	dftpp	Client ID:	
Inject. Date:	28-Nov-2012 14:08:30	Dil. Factor:	1.0000
Sample Type:	DFTPP		
Sample ID:	dftpp,21128a.b,dftpp390		
Misc. Info.:	CCV TCL =CCV TCL		
Operator:	001574	Instrument ID:	A4HP9
Injection Vol:	1.0 ul	ALS Bottle#:	1
Lims Batch ID:	66620	Lims Sample ID:	1
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP9\20121128-15348.b\8270 _9.m		
Last Update:	29-Nov-2012 07:29:14	Calib Date:	28-Nov-2012 18:11:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP9\20121128-15348.b\21127110.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK030		
First Level Reviewer: ulmanm		Date:	28-Nov-2012 14:39:08

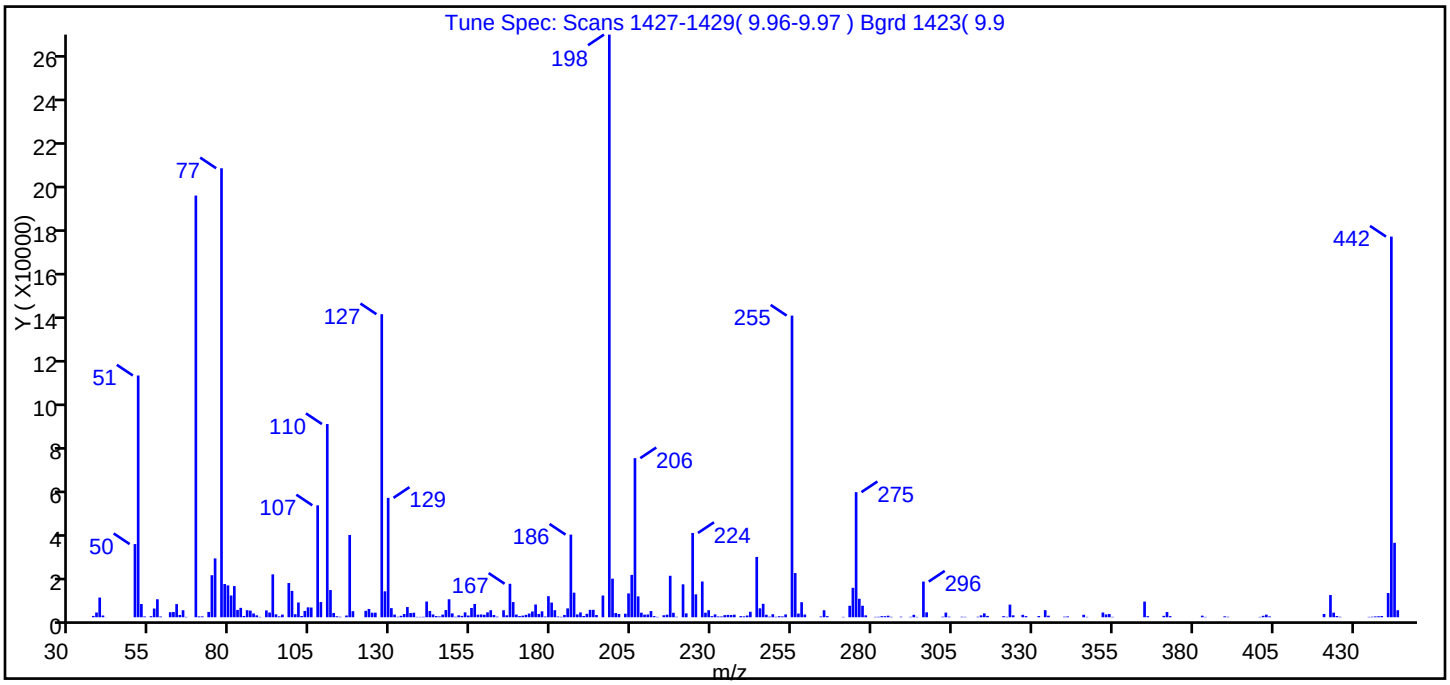
Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
143 Pentachlorophenol	266	9.604	9.604	0.0	78	279638	0	
150 DFTPP								
160 Benzidine	184	10.907	10.907	0.0	87	1456607	0	
166 4,4'-DDE	246	11.084	11.084	0.0	1	1048	0	
165 4,4'-DDD	235	11.415	11.415	0.0	0	7736	0	
170 4,4'-DDT	235	11.741	11.741	0.0	96	739028	0	

MS Tune Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121128-15348.b\21127101.D		
Injection Date:	28-Nov-2012 14:08:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	66620	Lims Sample ID:	1
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm
Tune Method:	DFTPP Method CLP OLM4.2		

150 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 80.00% of mass 198	41.49
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Present	72.37
70	Less than 2.00% of mass 69	0.14 (0.20)
127	25.00 - 75.00% of mass 198	52.02
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.62
275	10.00 - 30.00% of mass 198	21.47
365	Greater than 0.75% of mass 198	2.69
441	Present, but less than mass 443%	4.16 (32.53)
442	40.00 - 110.00% of mass 198	65.33
443	15.00 - 24.00% of mass 442	12.78 (19.56)

Data File: \\Ncchrom\ChromData\A4HP9\20121128-15348.b\21127101.D\8270 _9.rslt\spectra.d
Injection Date: 28-Nov-2012 14:08:30
Spectrum: Tune Spec: Scans 1427-1429(9.96-9.97) Bgrd 1423(9.9
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 263

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	598	127.00	136256	194.00	1007	281.00	184
38.00	2147	128.00	11667	196.00	9768	282.00	212
39.00	8858	129.00	53688	198.00	261952	283.00	492
40.00	786	130.00	4100	199.00	17344	284.00	482
41.00	42	131.00	1208	200.00	1898	285.00	697
50.00	32896	132.00	222	201.00	1469	286.00	198
51.00	108688	133.00	654	203.00	1594	289.00	250
52.00	5965	134.00	1433	204.00	10719	292.00	205
53.00	353	135.00	4590	205.00	19040	293.00	1092
55.00	478	136.00	1901	206.00	71528	294.00	170
56.00	3910	137.00	2039	207.00	9383	296.00	16041
57.00	8098	138.00	185	208.00	2048	297.00	2219
58.00	334	139.00	168	209.00	1182	302.00	253
61.00	2265	140.00	219	210.00	1247	303.00	2086
62.00	2375	141.00	7067	211.00	2780	304.00	264
63.00	5915	142.00	2821	212.00	501	308.00	223
64.00	1024	143.00	1261	213.00	183	309.00	184
65.00	3152	144.00	534	215.00	902	313.00	227
66.00	169	145.00	377	216.00	1161	314.00	851
69.00	189568	146.00	1197	217.00	18648	315.00	1753
70.00	379	147.00	3240	218.00	2011	316.00	601
71.00	379	148.00	8089	219.00	209	321.00	482
73.00	2402	149.00	1740	221.00	14804	322.00	215
74.00	18896	150.00	222	222.00	1759	323.00	5683
75.00	26456	151.00	869	224.00	37896	324.00	861
77.00	201856	152.00	630	225.00	10298	327.00	1102
78.00	14946	153.00	2196	227.00	16072	328.00	520
79.00	14333	154.00	782	228.00	2036	332.00	555
80.00	9791	155.00	4176	229.00	3152	334.00	3185
81.00	14004	156.00	5965	230.00	509	335.00	696
82.00	3311	157.00	1155	231.00	1289	340.00	264
83.00	4226	158.00	1256	232.00	357	341.00	384
84.00	580	159.00	1109	233.00	353	346.00	1132

Report Date: 29-Nov-2012 07:29:14 Chrom Revision: 2.0 27-Nov-2012 13:14:12
Data File: \\Ncchrom\ChromData\A4HP9\20121128-15348.b\21127101.D\8270 _9.rslt\spectra.d
Injection Date: 28-Nov-2012 14:08:30
Spectrum: Tune Spec: Scans 1427-1429(9.96-9.97) Bgrd 1423(9.9
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 263

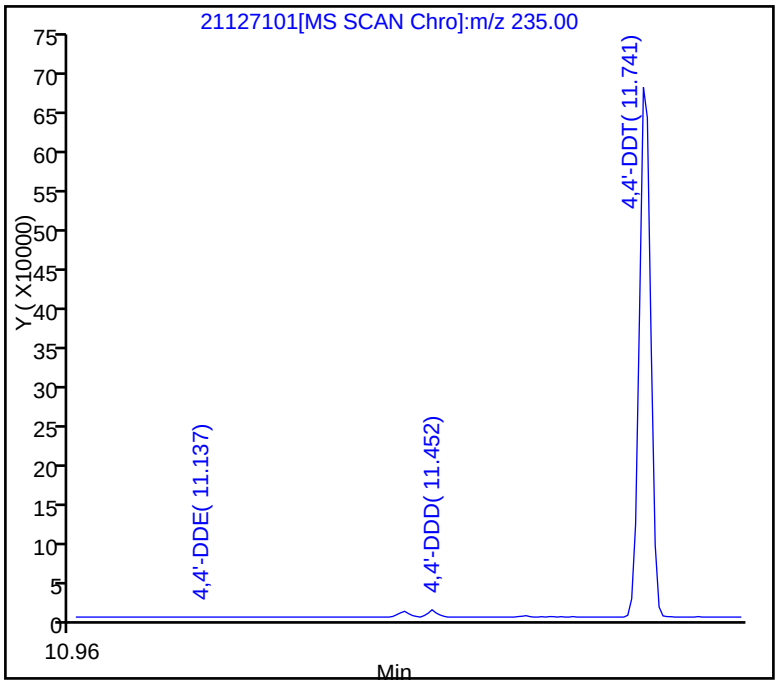
m/z	Y	m/z	Y	m/z	Y	m/z	Y
85.00	3173	160.00	2208	234.00	946	347.00	180
86.00	2987	161.00	3155	235.00	1063	352.00	2141
87.00	1707	162.00	982	236.00	1001	353.00	1274
88.00	856	163.00	269	237.00	1165	354.00	1470
89.00	182	165.00	3154	239.00	505	355.00	187
91.00	3067	166.00	882	240.00	391	365.00	7040
92.00	2115	167.00	15052	241.00	777	366.00	474
93.00	19280	168.00	6821	242.00	2463	371.00	635
94.00	1307	169.00	1213	244.00	27120	372.00	2337
95.00	398	170.00	534	245.00	4015	373.00	504
96.00	1187	171.00	739	246.00	6056	383.00	706
98.00	15398	172.00	1089	247.00	1130	384.00	173
99.00	11853	173.00	1669	248.00	284	390.00	417
100.00	1353	174.00	2606	249.00	1346	391.00	222
101.00	6644	175.00	5733	250.00	214	401.00	175
102.00	574	176.00	1484	251.00	479	402.00	656
103.00	2845	177.00	2657	252.00	381	403.00	1167
104.00	4452	178.00	314	253.00	1271	404.00	385
105.00	4378	179.00	9469	255.00	135616	421.00	1482
107.00	50320	180.00	6597	256.00	19872	423.00	9986
108.00	6836	181.00	3181	257.00	1655	424.00	2068
110.00	86864	182.00	343	258.00	6768	425.00	547
111.00	12233	183.00	204	259.00	1238	426.00	215
112.00	1932	184.00	1037	264.00	348	435.00	172
113.00	448	185.00	3992	265.00	3148	436.00	245
114.00	226	186.00	37152	266.00	499	437.00	370
116.00	785	187.00	11059	271.00	172	438.00	443
117.00	36984	188.00	1293	273.00	5170	439.00	569
118.00	2727	189.00	2181	274.00	13241	441.00	10888
122.00	2899	190.00	562	275.00	56240	442.00	171136
123.00	3731	191.00	1549	276.00	8320	443.00	33472
124.00	2039	192.00	3327	277.00	5180	444.00	3166
125.00	2070	193.00	3351	278.00	860		

Breakdown Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121128-15348.b\21127101.D		
Injection Date:	28-Nov-2012 14:08:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	66620	Lims Sample ID:	1
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

170 4,4'-DDT, Detector: MS SCAN



SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

170 4,4'-DDT, Area = 739028
165 4,4'-DDD, Area = 7736
166 4,4'-DDE, Area = 1048

%Breakdown: 1.17%, Max Limit: 20.00%
Passed

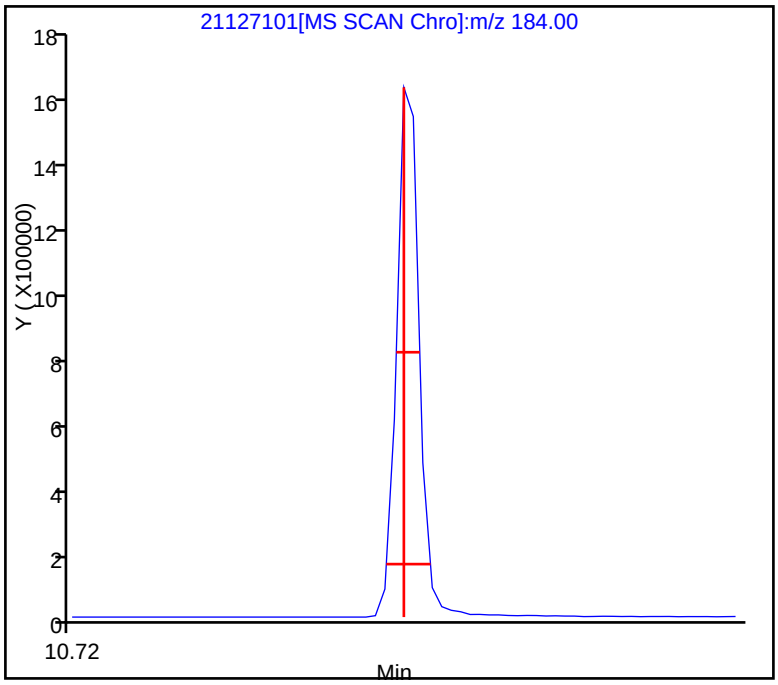
Report Date: 29-Nov-2012 07:29:14 Chrom Revision: 2.0 27-Nov-2012 13:14:12

Peak Tailing Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121128-15348.b\21127101.D		
Injection Date:	28-Nov-2012 14:08:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	66620	Lims Sample ID:	1
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

160 Benzidine, Detector: MS SCAN



Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.015 (min.)
Front Width = 0.010 (min.)

Tailing Factor = 1.5, Max. Tailing < 3.00
Passed

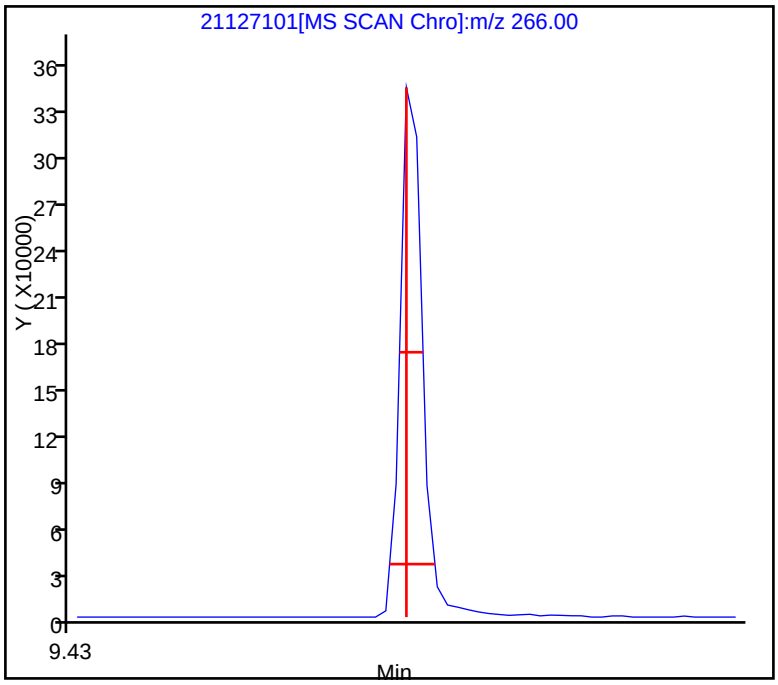
Report Date: 29-Nov-2012 07:29:14 Chrom Revision: 2.0 27-Nov-2012 13:14:12

Peak Tailing Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121128-15348.b\21127101.D		
Injection Date:	28-Nov-2012 14:08:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	66620	Lims Sample ID:	1
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

143 Pentachlorophenol, Detector: MS SCAN



Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.015 (min.)
Front Width = 0.009 (min.)

Tailing Factor = 1.7, Max. Tailing < 5.00
Passed

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129001.D		
Lims ID:	dftpp	Client ID:	
Inject. Date:	29-Nov-2012 08:03:30	Dil. Factor:	1.0000
Sample Type:	DFTPP		
Sample ID:	240-0015370-001		
Misc. Info.:	DFTPP =DFTPP		
Operator:	001574	Instrument ID:	A4HP9
Injection Vol:	1.0 ul	ALS Bottle#:	1
Lims Batch ID:	66702	Lims Sample ID:	1
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP9\20121129-15370.b\8270 _9.m		
Last Update:	29-Nov-2012 12:55:45	Calib Date:	28-Nov-2012 18:11:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP9\20121128-15348.b\21127110.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK030		
First Level Reviewer: ulmanm		Date:	29-Nov-2012 08:33:20

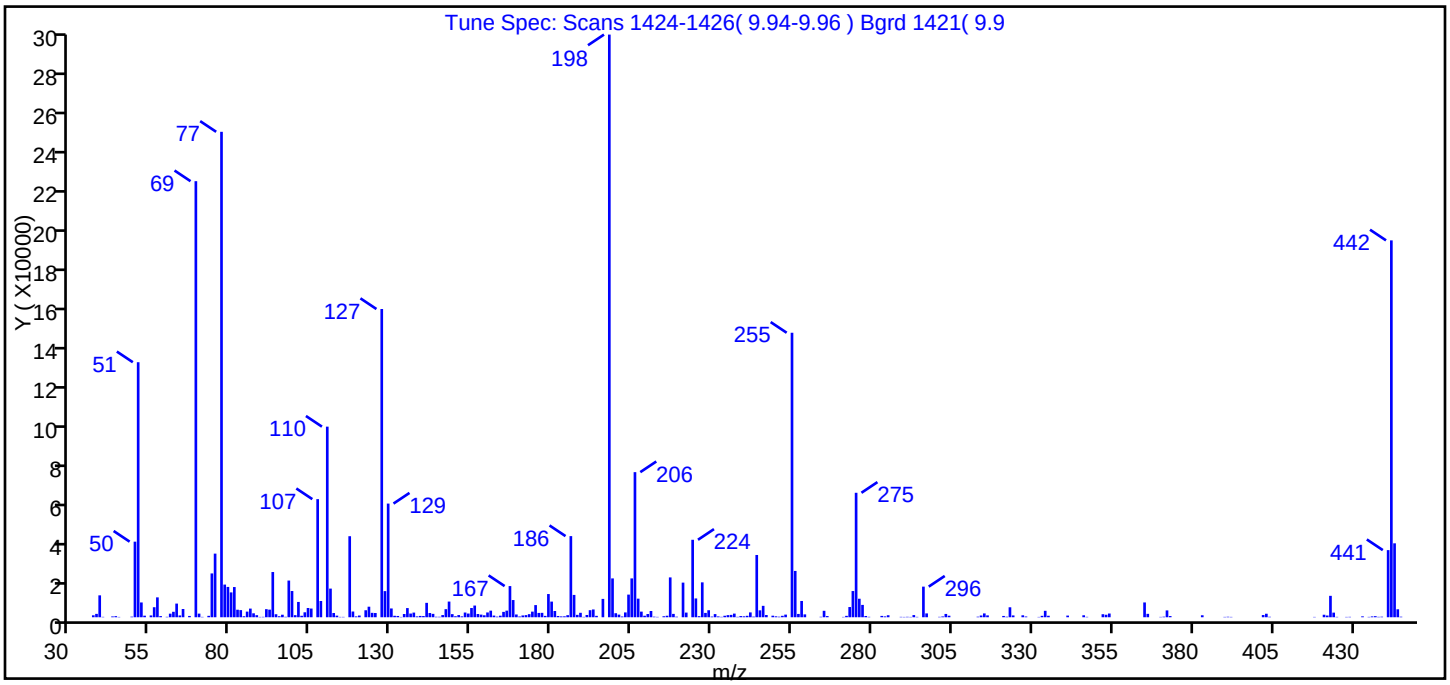
Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
143 Pentachlorophenol	266	9.592	9.592	0.0	78	333426	0	
150 DFTPP								
160 Benzidine	184	10.890	10.890	0.0	87	1717940	0	
166 4,4'-DDE	246	11.061	11.061	0.0	1	1029	0	
165 4,4'-DDD	235	11.430	11.430	0.0	52	9662	0	
170 4,4'-DDT	235	11.718	11.718	0.0	93	872483	0	

MS Tune Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129001.D		
Injection Date:	29-Nov-2012 08:03:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	66702	Lims Sample ID:	1
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm
Tune Method:	DFTPP Method CLP OLM4.2		

150 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 80.00% of mass 198	43.77
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Present	74.84
70	Less than 2.00% of mass 69	0.62 (0.83)
127	25.00 - 75.00% of mass 198	52.90
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.67
275	10.00 - 30.00% of mass 198	21.36
365	Greater than 0.75% of mass 198	2.54
441	Present, but less than mass 443%	11.52 (90.81)
442	40.00 - 110.00% of mass 198	64.68
443	15.00 - 24.00% of mass 442	12.69 (19.62)

Data File: \\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129001.D\8270 _9.rslt\spectra.d
Injection Date: 29-Nov-2012 08:03:30
Spectrum: Tune Spec: Scans 1424-1426(9.94-9.96) Bgrd 1421(9.9
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 279

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	985	122.00	3513	193.00	3907	278.00	636
38.00	1692	123.00	5294	194.00	715	279.00	218
39.00	10991	124.00	2210	196.00	9209	283.00	681
40.00	198	125.00	2126	198.00	292288	284.00	426
43.00	412	127.00	154624	199.00	19488	285.00	1005
44.00	557	128.00	13111	200.00	2023	289.00	200
45.00	168	129.00	57024	201.00	1317	290.00	167
49.00	302	130.00	4414	202.00	383	291.00	222
50.00	37920	131.00	738	203.00	2422	292.00	170
51.00	127936	132.00	647	204.00	11364	293.00	1089
52.00	7423	133.00	168	205.00	19488	294.00	194
53.00	787	134.00	1626	206.00	72792	296.00	15362
55.00	910	135.00	4604	207.00	9332	297.00	1929
56.00	5033	136.00	1856	208.00	2828	301.00	208
57.00	9977	137.00	2337	209.00	757	302.00	402
58.00	584	138.00	424	210.00	1618	303.00	1661
60.00	214	139.00	667	211.00	3144	304.00	771
61.00	1801	140.00	601	212.00	294	313.00	282
62.00	2742	141.00	7226	213.00	192	314.00	881
63.00	6856	142.00	2125	215.00	503	315.00	1925
64.00	908	143.00	1702	216.00	765	316.00	937
65.00	4141	144.00	247	217.00	19992	321.00	655
67.00	658	145.00	238	218.00	1690	322.00	276
69.00	218752	146.00	1094	219.00	283	323.00	5004
70.00	1822	147.00	4057	221.00	17376	324.00	911
71.00	185	148.00	7870	222.00	2339	327.00	984
73.00	714	149.00	1560	224.00	38864	328.00	376
74.00	21984	150.00	506	225.00	9437	332.00	167
75.00	31920	151.00	1094	226.00	547	333.00	714
77.00	243520	152.00	444	227.00	17504	334.00	3232
78.00	16392	153.00	2367	228.00	2179	335.00	752
79.00	15211	154.00	1858	229.00	3521	341.00	836
80.00	12466	155.00	4629	230.00	342	346.00	992

Report Date: 29-Nov-2012 12:55:46 Chrom Revision: 2.0 27-Nov-2012 13:14:12
Data File: \\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129001.D\8270 _9.rslt\spectra.d
Injection Date: 29-Nov-2012 08:03:30
Spectrum: Tune Spec: Scans 1424-1426(9.94-9.96) Bgrd 1421(9.9
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 279

m/z	Y	m/z	Y	m/z	Y	m/z	Y
81.00	15152	156.00	5870	231.00	1590	347.00	205
82.00	3782	157.00	1629	232.00	422	352.00	1521
83.00	3584	158.00	1323	233.00	209	353.00	1262
84.00	503	159.00	986	234.00	752	354.00	1873
85.00	2833	160.00	2405	235.00	1061	365.00	7429
86.00	4345	161.00	3310	236.00	1188	366.00	1711
87.00	1981	162.00	843	237.00	1834	370.00	182
88.00	1041	163.00	319	238.00	213	371.00	288
89.00	175	164.00	785	239.00	600	372.00	3432
90.00	207	165.00	2693	240.00	466	373.00	601
91.00	4056	166.00	3314	241.00	730	383.00	997
92.00	3817	167.00	15637	242.00	2432	390.00	179
93.00	22688	168.00	8633	243.00	310	391.00	252
94.00	1513	169.00	1388	244.00	31240	392.00	181
95.00	517	170.00	389	245.00	3473	402.00	1117
96.00	1269	171.00	910	246.00	5726	403.00	1769
97.00	226	172.00	1068	247.00	1122	404.00	245
98.00	18408	173.00	1551	249.00	779	418.00	170
99.00	13158	174.00	2825	250.00	467	421.00	1260
100.00	1046	175.00	6100	251.00	280	422.00	872
101.00	7682	176.00	2176	252.00	727	423.00	10747
102.00	748	177.00	2214	253.00	1326	424.00	2320
103.00	2488	178.00	692	255.00	142720	425.00	195
104.00	4646	179.00	11646	256.00	23232	428.00	174
105.00	4371	180.00	7853	257.00	1664	429.00	206
107.00	59248	181.00	3133	258.00	8167	433.00	450
108.00	8160	182.00	637	259.00	1446	435.00	189
110.00	95616	183.00	424	264.00	239	436.00	417
111.00	14372	184.00	468	265.00	3241	437.00	547
112.00	2129	185.00	1042	266.00	591	438.00	213
113.00	814	186.00	40704	271.00	170	439.00	288
114.00	180	187.00	11203	272.00	706	441.00	33680
115.00	183	188.00	1200	273.00	5130	442.00	189056
117.00	40656	189.00	2234	274.00	13149	443.00	37088

Report Date: 29-Nov-2012 12:55:46 Chrom Revision: 2.0 27-Nov-2012 13:14:12
Data File: \\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129001.D\8270 _9.rslt\spectra.d
Injection Date: 29-Nov-2012 08:03:30
Spectrum: Tune Spec: Scans 1424-1426(9.94-9.96) Bgrd 1421(9.9
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 279

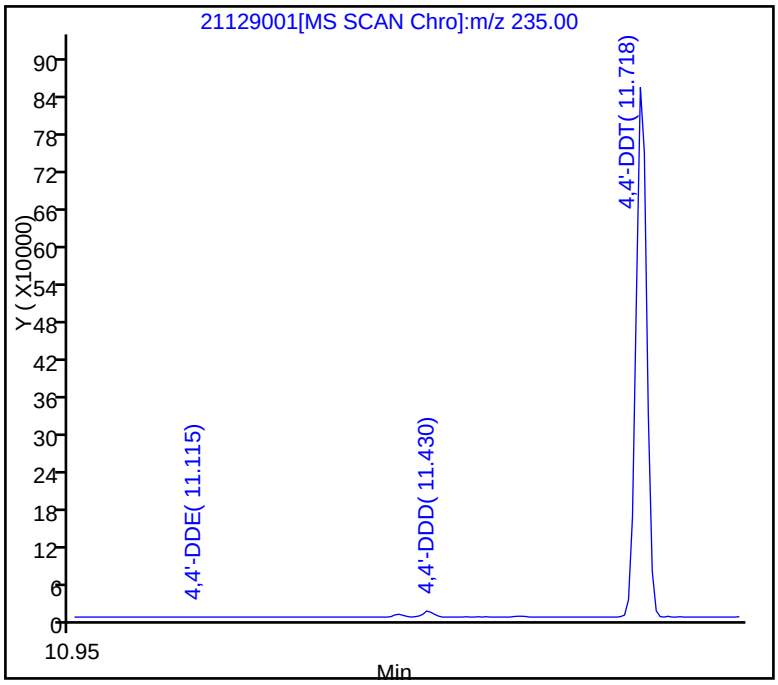
m/z	Y	m/z	Y	m/z	Y	m/z	Y
118.00	2880	190.00	186	275.00	62440	444.00	4005
119.00	428	191.00	1143	276.00	9288	445.00	278
120.00	866	192.00	3543	277.00	6197		

Breakdown Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129001.D		
Injection Date:	29-Nov-2012 08:03:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	66702	Lims Sample ID:	1
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

170 4,4'-DDT, Detector: MS SCAN



SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

170 4,4'-DDT, Area = 872483
165 4,4'-DDD, Area = 9662
166 4,4'-DDE, Area = 1029

%Breakdown: 1.21%, Max Limit: 20.00%
Passed

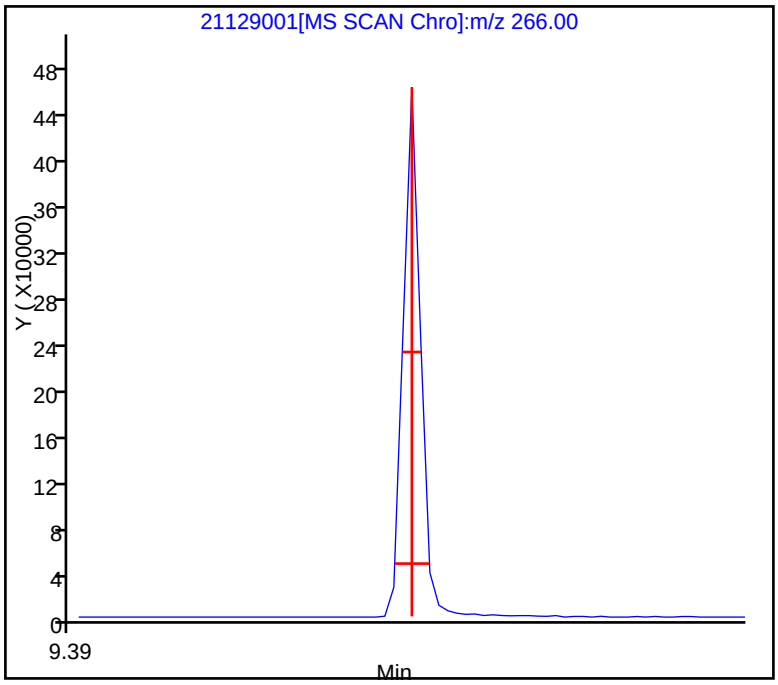
Report Date: 29-Nov-2012 12:55:45 Chrom Revision: 2.0 27-Nov-2012 13:14:12

Peak Tailing Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129001.D		
Injection Date:	29-Nov-2012 08:03:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	66702	Lims Sample ID:	1
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

143 Pentachlorophenol, Detector: MS SCAN



Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.010 (min.)
Front Width = 0.010 (min.)

Tailing Factor = 1.0, Max. Tailing < 5.00
Passed

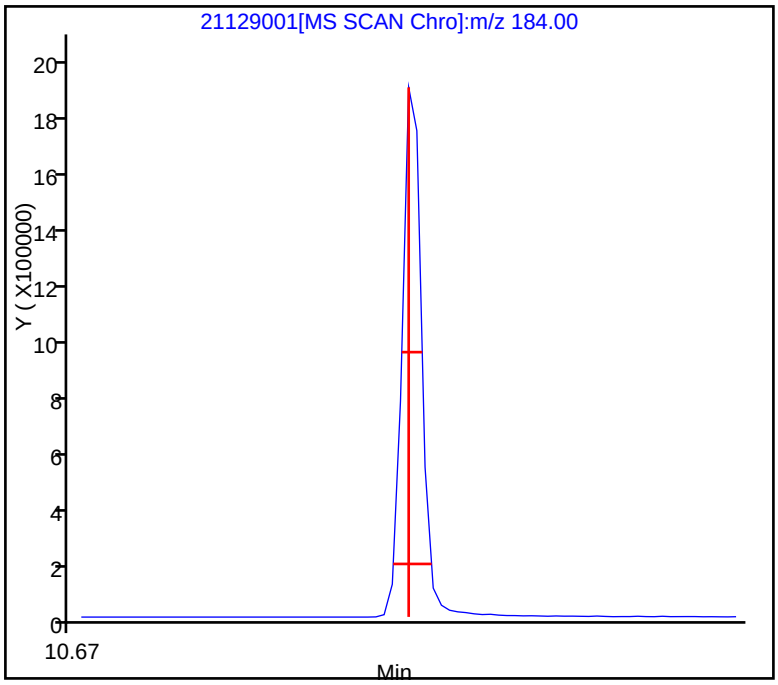
Report Date: 29-Nov-2012 12:55:45 Chrom Revision: 2.0 27-Nov-2012 13:14:12

Peak Tailing Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129001.D		
Injection Date:	29-Nov-2012 08:03:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	66702	Lims Sample ID:	1
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

160 Benzidine, Detector: MS SCAN



Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.015 (min.)
Front Width = 0.010 (min.)

Tailing Factor = 1.5, Max. Tailing < 3.00
Passed

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203001.D		
Lims ID:	dftpp	Client ID:	
Inject. Date:	03-Dec-2012 11:11:30	Dil. Factor:	1.0000
Sample Type:	DFTPP		
Sample ID:	240-0015467-001		
Misc. Info.:	DFTPP =DFTPP		
Operator:	001574	Instrument ID:	A4HP9
Injection Vol:	1.0 ul	ALS Bottle#:	1
Lims Batch ID:	67070	Lims Sample ID:	1
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\8270 _9.m		
Last Update:	04-Dec-2012 08:01:14	Calib Date:	03-Dec-2012 15:01:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK031		
First Level Reviewer: ulmanm		Date:	03-Dec-2012 11:43:35

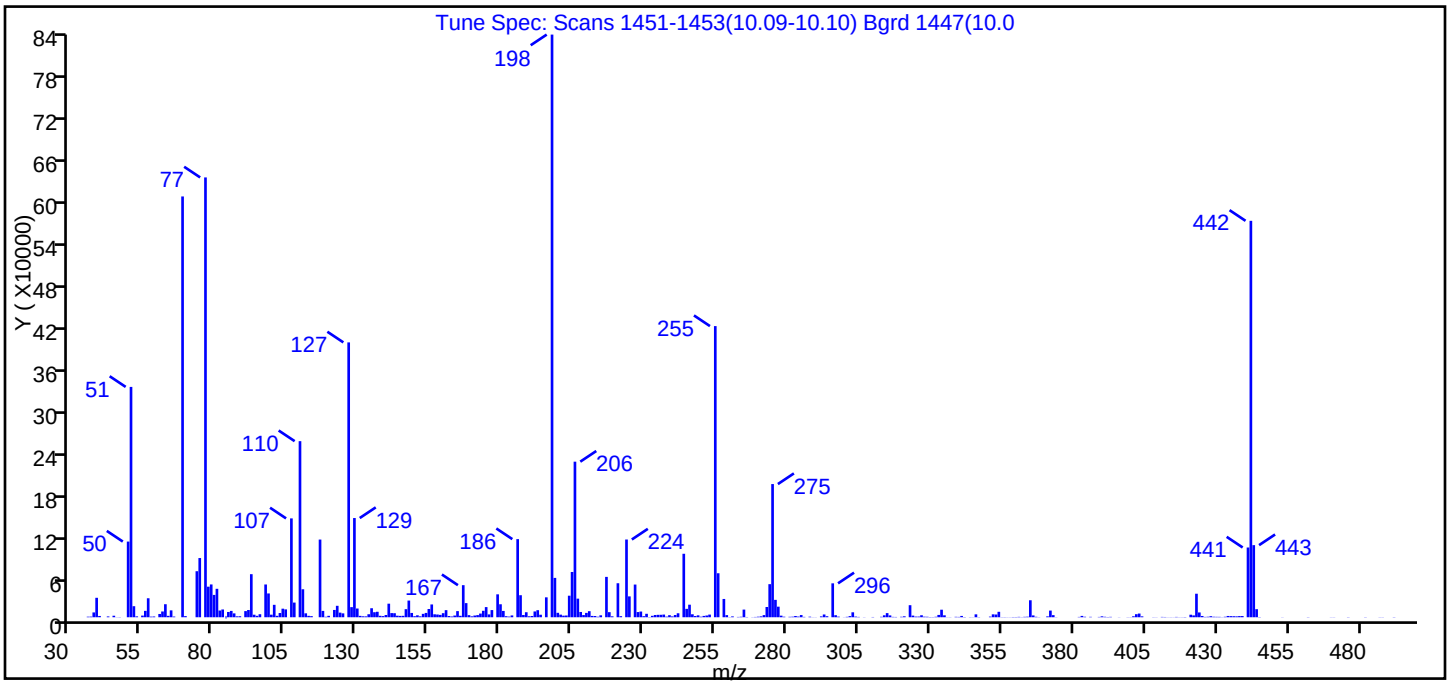
Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
143 Pentachlorophenol	266	9.743	9.743	0.0	77	845991	0	
150 DFTPP								
160 Benzidine	184	11.057	11.057	0.0	88	4913458	0	
166 4,4'-DDE	246	11.233	11.233	0.0	1	3405	0	
165 4,4'-DDD	235	11.580	11.580	0.0	25	29456	0	
170 4,4'-DDT	235	11.922	11.922	0.0	92	2368324	0	

MS Tune Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203001.D		
Injection Date:	03-Dec-2012 11:11:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	1
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm
Tune Method:	DFTPP Method CLP OLM4.2		

150 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 80.00% of mass 198	39.53
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Present	72.22
70	Less than 2.00% of mass 69	0.20 (0.27)
127	25.00 - 75.00% of mass 198	47.17
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.75
275	10.00 - 30.00% of mass 198	22.86
365	Greater than 0.75% of mass 198	2.92
441	Present, but less than mass 443%	11.97 (96.74)
442	40.00 - 110.00% of mass 198	68.04
443	15.00 - 24.00% of mass 442	12.38 (18.19)

Data File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203001.D\8270 _9.rslt\spectra.d
Injection Date: 03-Dec-2012 11:11:30
Spectrum: Tune Spec: Scans 1451-1453(10.09-10.10) Bgrd 1447(10.0
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 347

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	805	143.00	5762	238.00	899	344.00	252
37.00	913	144.00	2208	239.00	2944	345.00	194
38.00	6881	145.00	1935	240.00	1199	346.00	4162
39.00	27752	146.00	2039	241.00	3197	347.00	293
40.00	1847	147.00	11515	242.00	5686	351.00	938
43.00	1175	148.00	23792	244.00	90544	352.00	4152
45.00	2162	149.00	6149	245.00	11968	353.00	3912
46.00	183	150.00	1505	246.00	17920	354.00	7781
47.00	281	151.00	2790	247.00	4250	355.00	244
50.00	107928	152.00	1316	248.00	1759	356.00	276
51.00	328512	153.00	4861	249.00	2729	357.00	196
52.00	15756	154.00	6172	250.00	796	358.00	184
53.00	1265	155.00	11784	251.00	1929	359.00	372
55.00	2354	156.00	18272	252.00	2492	360.00	372
56.00	9108	157.00	4229	253.00	3788	361.00	555
57.00	27096	158.00	3898	255.00	415232	362.00	231
58.00	882	159.00	3388	256.00	62760	363.00	614
59.00	1090	160.00	5803	258.00	26096	364.00	800
61.00	4674	161.00	10124	259.00	3036	365.00	24240
62.00	8247	162.00	1764	260.00	262	366.00	2609
63.00	18592	163.00	1087	261.00	1214	367.00	673
64.00	2017	164.00	2422	263.00	469	368.00	229
65.00	9825	165.00	8760	264.00	708	371.00	1221
66.00	993	166.00	2066	265.00	10931	372.00	9521
69.00	600128	167.00	45760	266.00	391	373.00	2996
70.00	1628	168.00	20160	268.00	215	374.00	197
74.00	65656	169.00	3000	269.00	455	382.00	488
75.00	84456	170.00	1316	270.00	786	383.00	1920
77.00	627264	171.00	2460	271.00	1272	384.00	719
78.00	43592	172.00	3069	272.00	3065	386.00	605
79.00	46792	173.00	5254	273.00	14640	389.00	471
80.00	31864	174.00	9203	274.00	47184	390.00	1310
81.00	40576	175.00	14490	275.00	189952	391.00	671

Report Date: 04-Dec-2012 08:01:14 Chrom Revision: 2.0 27-Nov-2012 13:14:12
Data File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203001.D\8270 _9.rslt\spectra.d
Injection Date: 03-Dec-2012 11:11:30
Spectrum: Tune Spec: Scans 1451-1453(10.09-10.10) Bgrd 1447(10.0
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 347

m/z	Y	m/z	Y	m/z	Y	m/z	Y
82.00	9621	176.00	4058	276.00	24816	392.00	374
83.00	11092	177.00	10236	277.00	15088	393.00	572
84.00	1	179.00	32696	278.00	2264	396.00	178
85.00	7518	180.00	18528	279.00	773	399.00	207
86.00	9066	181.00	9015	281.00	647	400.00	205
87.00	5515	182.00	1488	282.00	835	401.00	1382
88.00	1317	183.00	957	283.00	1794	402.00	4364
89.00	1456	184.00	2598	284.00	973	403.00	5287
91.00	8760	186.00	111416	285.00	3129	404.00	1266
92.00	10326	187.00	31432	286.00	536	408.00	221
93.00	61440	188.00	3197	288.00	810	409.00	173
94.00	3617	189.00	7175	289.00	176	411.00	499
95.00	2055	190.00	1393	290.00	170	412.00	394
96.00	4317	191.00	1812	292.00	1225	413.00	169
98.00	46744	192.00	8283	293.00	3948	414.00	201
99.00	33960	193.00	10085	294.00	1468	415.00	168
100.00	3676	194.00	3587	296.00	48368	416.00	487
101.00	17736	196.00	28408	297.00	2922	417.00	197
102.00	2056	198.00	830976	298.00	912	418.00	203
103.00	6046	199.00	56128	300.00	168	419.00	359
104.00	12231	200.00	6332	301.00	598	421.00	3613
105.00	11224	201.00	3717	302.00	1629	422.00	2627
106.00	37	202.00	2291	303.00	7068	423.00	33560
107.00	140992	203.00	2497	304.00	939	424.00	6841
108.00	20936	204.00	30736	305.00	512	425.00	1826
110.00	251136	205.00	64560	307.00	199	426.00	496
111.00	39928	206.00	221888	310.00	391	427.00	744
112.00	5609	207.00	26536	313.00	658	428.00	1504
113.00	2015	208.00	7546	314.00	2785	429.00	726
114.00	1583	209.00	3144	315.00	5914	430.00	612
117.00	110808	210.00	6205	316.00	2627	431.00	568
118.00	9054	211.00	8658	317.00	525	432.00	214
119.00	692	212.00	1909	318.00	434	433.00	709
120.00	2041	213.00	1780	320.00	690	434.00	1840

Report Date: 04-Dec-2012 08:01:14 Chrom Revision: 2.0 27-Nov-2012 13:14:12
Data File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203001.D\8270 _9.rslt\spectra.d
Injection Date: 03-Dec-2012 11:11:30
Spectrum: Tune Spec: Scans 1451-1453(10.09-10.10) Bgrd 1447(10.0
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 347

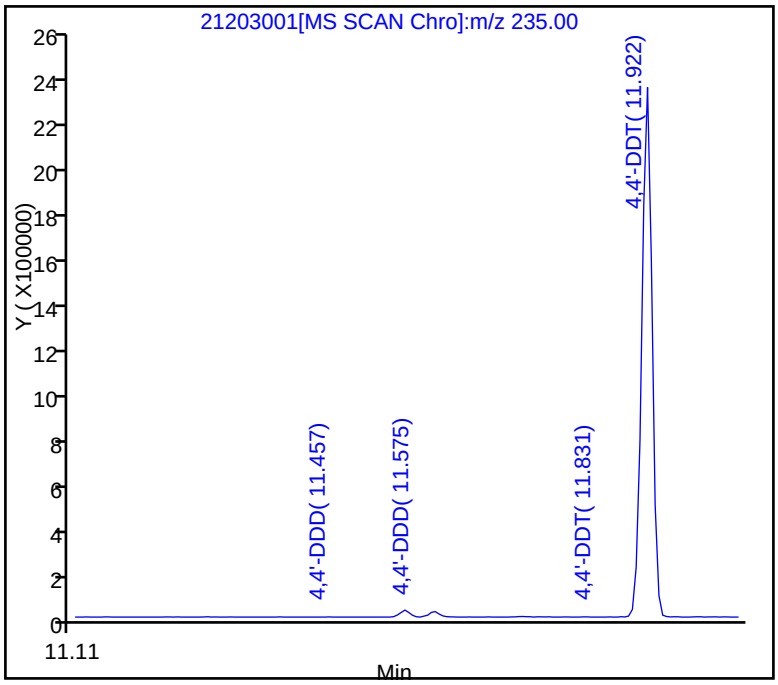
m/z	Y	m/z	Y	m/z	Y	m/z	Y
122.00	10423	214.00	744	321.00	1344	435.00	1597
123.00	16323	215.00	2759	323.00	17192	436.00	1442
124.00	6584	217.00	57576	324.00	2343	437.00	1267
125.00	5555	218.00	7254	325.00	949	438.00	1676
127.00	392000	219.00	1331	326.00	958	439.00	1707
128.00	14423	221.00	48512	327.00	2861	441.00	99488
129.00	141504	222.00	1542	328.00	820	442.00	565376
130.00	12467	224.00	110888	329.00	703	443.00	102840
131.00	1987	225.00	29760	330.00	357	444.00	11515
132.00	1355	227.00	46640	331.00	316	445.00	351
133.00	1243	228.00	7402	332.00	690	453.00	171
134.00	4293	229.00	8159	333.00	3312	462.00	262
135.00	12870	230.00	1504	334.00	10765	470.00	175
136.00	7180	231.00	4936	335.00	2758	471.00	190
137.00	7812	232.00	348	336.00	168	476.00	276
138.00	2059	233.00	2048	337.00	200	482.00	271
139.00	1655	234.00	3232	339.00	622	487.00	210
140.00	3192	235.00	3461	340.00	492	488.00	207
141.00	19360	236.00	3518	341.00	1907	492.00	291
142.00	5932	237.00	3815	342.00	371		

Breakdown Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203001.D		
Injection Date:	03-Dec-2012 11:11:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	1
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

170 4,4'-DDT, Detector: MS SCAN



SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

170 4,4'-DDT, Area = 2368324
165 4,4'-DDD, Area = 29456
166 4,4'-DDE, Area = 3405

%Breakdown: 1.37%, Max Limit: 20.00%
Passed

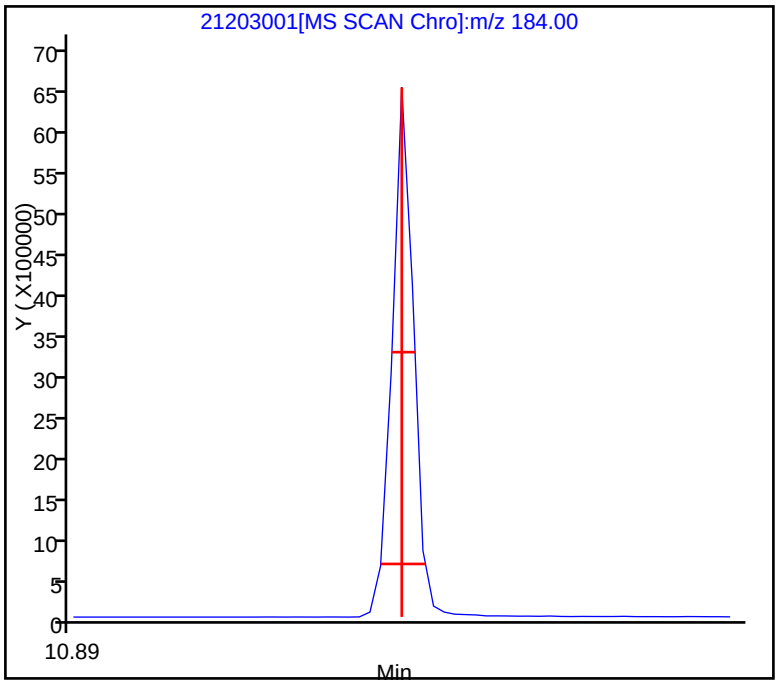
Report Date: 04-Dec-2012 08:01:14 Chrom Revision: 2.0 27-Nov-2012 13:14:12

Peak Tailing Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203001.D		
Injection Date:	03-Dec-2012 11:11:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	1
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

160 Benzidine, Detector: MS SCAN



Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.012 (min.)
Front Width = 0.011 (min.)

Tailing Factor = 1.1, Max. Tailing < 3.00
Passed

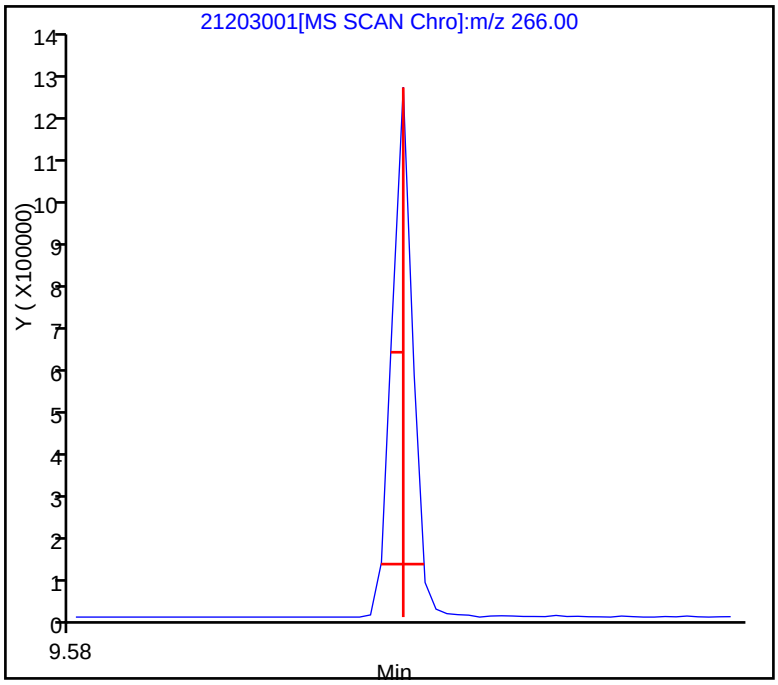
Report Date: 04-Dec-2012 08:01:14 Chrom Revision: 2.0 27-Nov-2012 13:14:12

Peak Tailing Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203001.D		
Injection Date:	03-Dec-2012 11:11:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67070	Lims Sample ID:	1
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

143 Pentachlorophenol, Detector: MS SCAN



Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.010 (min.)
Front Width = 0.011 (min.)

Tailing Factor = 0.9, Max. Tailing < 5.00
Passed

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP9\20121210-15667.b\21210001.D		
Lims ID:	dftpp	Client ID:	
Inject. Date:	10-Dec-2012 07:31:30	Dil. Factor:	1.0000
Sample Type:	DFTPP		
Sample ID:	240-0015667-001		
Misc. Info.:	DFTPP =DFTPP		
Operator:	001574	Instrument ID:	A4HP9
Injection Vol:	1.0 ul	ALS Bottle#:	1
Lims Batch ID:	67921	Lims Sample ID:	1
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP9\20121210-15667.b\8270 _9.m		
Last Update:	11-Dec-2012 08:19:35	Calib Date:	03-Dec-2012 15:01:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK035		
First Level Reviewer: ulmanm		Date:	10-Dec-2012 08:05:16

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
143 Pentachlorophenol	266	9.633	9.633	0.0	79	455213	0	
150 DFTPP								
160 Benzidine	184	10.931	10.931	0.0	86	3154721	0	
166 4,4'-DDE	246	11.102	11.102	0.0	1	3029	0	
165 4,4'-DDD	235	11.471	11.471	0.0	51	14839	0	
170 4,4'-DDT	235	11.760	11.760	0.0	90	1537863	0	

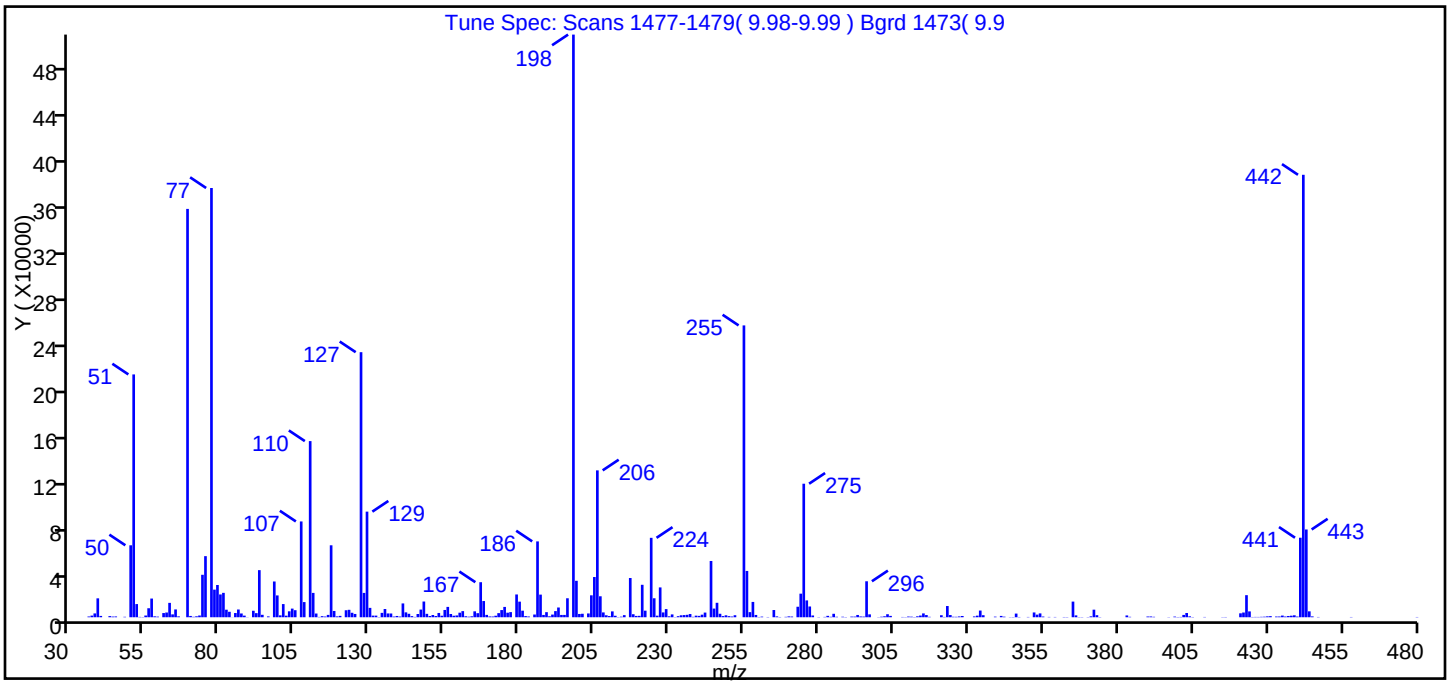
Report Date: 11-Dec-2012 08:19:36 Chrom Revision: 2.0 27-Nov-2012 13:14:12

MS Tune Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121210-15667.b\21210001.D		
Injection Date:	10-Dec-2012 07:31:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67921	Lims Sample ID:	1
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm
Tune Method:	DFTPP Method CLP OLM4.2		

150 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 80.00% of mass 198	41.68
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Present	70.08
70	Less than 2.00% of mass 69	0.23 (0.32)
127	25.00 - 75.00% of mass 198	45.49
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.26
275	10.00 - 30.00% of mass 198	22.92
365	Greater than 0.75% of mass 198	2.69
441	Present, but less than mass 443%	13.65 (90.61)
442	40.00 - 110.00% of mass 198	75.94
443	15.00 - 24.00% of mass 442	15.07 (19.84)

Report Date: 11-Dec-2012 08:19:36 Chrom Revision: 2.0 27-Nov-2012 13:14:12

Data File: \\Ncchrom\ChromData\A4HP9\20121210-15667.b\21210001.D\8270 _9.rslt\spectra.d
Injection Date: 10-Dec-2012 07:31:30
Spectrum: Tune Spec: Scans 1477-1479(9.98-9.99) Bgrd 1473(9.9
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 324

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	662	133.00	215	219.00	1166	317.00	381
37.00	1438	134.00	3825	220.00	1236	321.00	1759
38.00	3343	135.00	7183	221.00	28320	322.00	278
39.00	16504	136.00	3323	222.00	5732	323.00	9802
40.00	1171	137.00	3282	224.00	69296	324.00	1924
43.00	1011	138.00	593	225.00	16560	325.00	427
44.00	597	139.00	1117	226.00	1384	326.00	395
45.00	699	140.00	606	227.00	26032	327.00	710
48.00	384	141.00	12061	228.00	4207	328.00	1104
50.00	62776	142.00	4269	229.00	7113	332.00	722
51.00	211840	143.00	3020	230.00	825	333.00	1393
52.00	11498	144.00	993	231.00	2483	334.00	5843
53.00	306	145.00	299	232.00	180	335.00	1778
54.00	207	146.00	2841	233.00	930	339.00	541
55.00	1506	147.00	6695	234.00	1714	341.00	1168
56.00	7862	148.00	13725	235.00	1907	342.00	508
57.00	16320	149.00	2987	236.00	2127	344.00	175
58.00	801	150.00	1083	237.00	2821	345.00	227
59.00	559	151.00	1965	238.00	372	346.00	3209
61.00	3665	152.00	1064	239.00	1389	347.00	249
62.00	4137	153.00	3742	240.00	1203	350.00	270
63.00	12555	154.00	1334	241.00	2244	352.00	4190
64.00	2512	155.00	6356	242.00	4079	353.00	2283
65.00	6833	156.00	9034	244.00	49088	354.00	3361
66.00	769	157.00	2843	245.00	7570	355.00	604
69.00	356224	158.00	1323	246.00	12615	357.00	294
70.00	1147	159.00	1584	247.00	3041	359.00	259
71.00	396	160.00	3979	248.00	1022	362.00	233
72.00	831	161.00	5348	249.00	1706	363.00	207
73.00	1519	162.00	859	250.00	971	365.00	13658
74.00	37048	163.00	492	251.00	635	366.00	1636
75.00	53304	164.00	841	252.00	1761	367.00	197
77.00	374464	165.00	5162	255.00	254592	368.00	196

Report Date: 11-Dec-2012 08:19:36 Chrom Revision: 2.0 27-Nov-2012 13:14:12
Data File: \\Ncchrom\ChromData\A4HP9\20121210-15667.b\21210001.D\8270 _9.rslt\spectra.d
Injection Date: 10-Dec-2012 07:31:30
Spectrum: Tune Spec: Scans 1477-1479(9.98-9.99) Bgrd 1473(9.9
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 324

m/z	Y	m/z	Y	m/z	Y	m/z	Y
78.00	24112	166.00	3559	256.00	40392	370.00	192
79.00	28136	167.00	30576	257.00	4463	371.00	785
80.00	19896	168.00	14153	258.00	13367	372.00	6615
81.00	21288	169.00	2067	259.00	2004	373.00	1792
82.00	6589	170.00	717	260.00	250	374.00	205
83.00	4773	171.00	638	261.00	562	383.00	1581
84.00	85	172.00	1322	263.00	230	384.00	383
85.00	3688	173.00	3597	265.00	6304	390.00	648
86.00	6765	174.00	6271	266.00	749	391.00	686
87.00	3304	175.00	9016	267.00	230	392.00	391
88.00	1417	176.00	3975	269.00	362	397.00	171
89.00	128	177.00	4493	270.00	751	399.00	577
91.00	5665	179.00	19880	271.00	627	400.00	227
92.00	3588	180.00	13619	273.00	9166	401.00	280
93.00	41096	181.00	5724	274.00	20576	402.00	2042
94.00	2135	182.00	1024	275.00	116496	403.00	3712
96.00	740	183.00	680	276.00	14700	404.00	811
98.00	31200	185.00	2387	277.00	9397	405.00	233
99.00	19040	186.00	66176	278.00	1539	409.00	263
100.00	1661	187.00	19752	280.00	190	415.00	183
101.00	11497	188.00	2022	282.00	307	416.00	231
102.00	1377	189.00	4443	283.00	1227	421.00	3431
103.00	5191	190.00	852	284.00	401	422.00	4122
104.00	7544	191.00	2338	285.00	3022	423.00	19272
105.00	6151	192.00	5360	286.00	422	424.00	5112
107.00	83584	193.00	8513	288.00	449	425.00	243
108.00	13237	194.00	2014	289.00	218	426.00	293
110.00	153664	195.00	2041	291.00	585	427.00	279
111.00	21240	196.00	16568	292.00	573	428.00	393
112.00	3254	198.00	508288	293.00	1994	429.00	503
113.00	296	199.00	31800	294.00	692	430.00	793
114.00	944	200.00	2874	295.00	580	431.00	990
115.00	620	201.00	3054	296.00	31392	433.00	650
116.00	2057	203.00	3314	297.00	2519	434.00	667

Report Date: 11-Dec-2012 08:19:36 Chrom Revision: 2.0 27-Nov-2012 13:14:12
Data File: \\Ncchrom\ChromData\A4HP9\20121210-15667.b\21210001.D\8270 _9.rslt\spectra.d
Injection Date: 10-Dec-2012 07:31:30
Spectrum: Tune Spec: Scans 1477-1479(9.98-9.99) Bgrd 1473(9.9
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 324

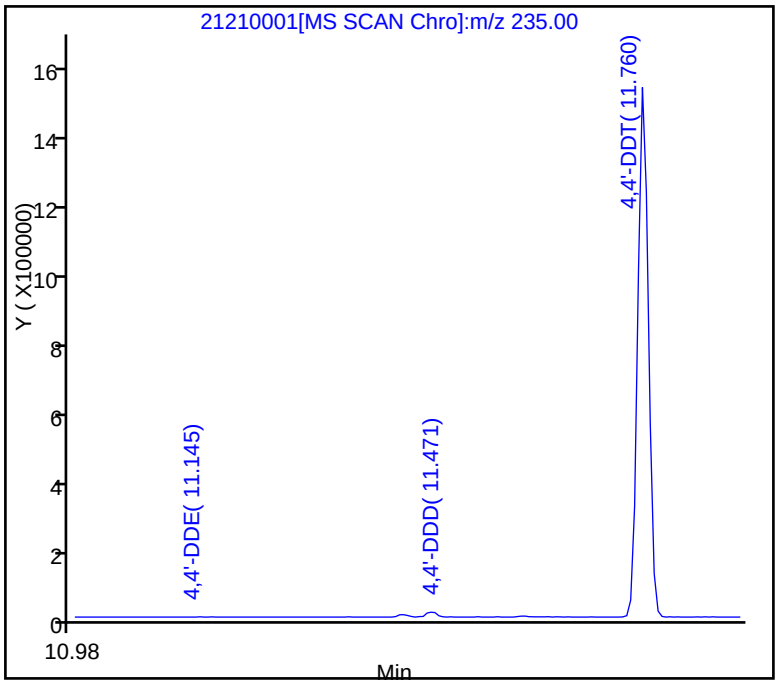
m/z	Y	m/z	Y	m/z	Y	m/z	Y
117.00	62776	204.00	19136	300.00	168	435.00	1466
118.00	5480	205.00	35096	301.00	490	436.00	633
119.00	759	206.00	128136	302.00	852	437.00	1106
120.00	1204	207.00	18304	303.00	2637	438.00	1352
122.00	6110	208.00	4216	304.00	1198	439.00	1709
123.00	6498	209.00	1726	308.00	259	440.00	612
124.00	3902	210.00	1054	309.00	190	441.00	69384
125.00	2878	211.00	5122	310.00	625	442.00	385984
127.00	231232	212.00	1291	311.00	512	443.00	76576
128.00	21232	213.00	203	312.00	222	444.00	5161
129.00	92144	214.00	500	313.00	823	445.00	743
130.00	8186	215.00	1850	314.00	1491	447.00	253
131.00	1426	217.00	34232	315.00	3363	458.00	237
132.00	1424	218.00	2642	316.00	1922	480.00	240

Breakdown Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121210-15667.b\21210001.D		
Injection Date:	10-Dec-2012 07:31:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67921	Lims Sample ID:	1
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

170 4,4'-DDT, Detector: MS SCAN



SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

170 4,4'-DDT, Area = 1537863
165 4,4'-DDD, Area = 14839
166 4,4'-DDE, Area = 3029

%Breakdown: 1.15%, Max Limit: 20.00%
Passed

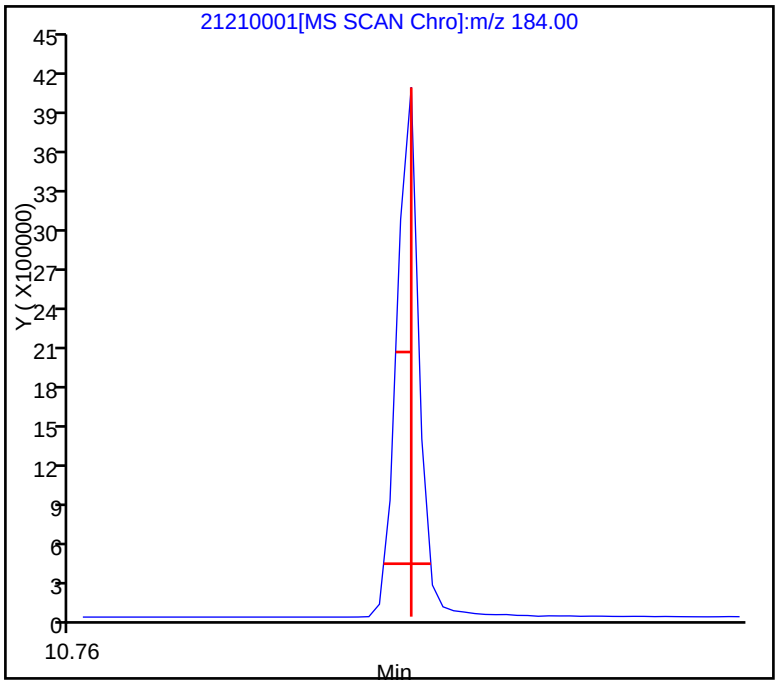
Report Date: 11-Dec-2012 08:19:36 Chrom Revision: 2.0 27-Nov-2012 13:14:12

Peak Tailing Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121210-15667.b\21210001.D		
Injection Date:	10-Dec-2012 07:31:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67921	Lims Sample ID:	1
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

160 Benzidine, Detector: MS SCAN



Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.010 (min.)
Front Width = 0.014 (min.)

Tailing Factor = 0.7, Max. Tailing < 3.00
Passed

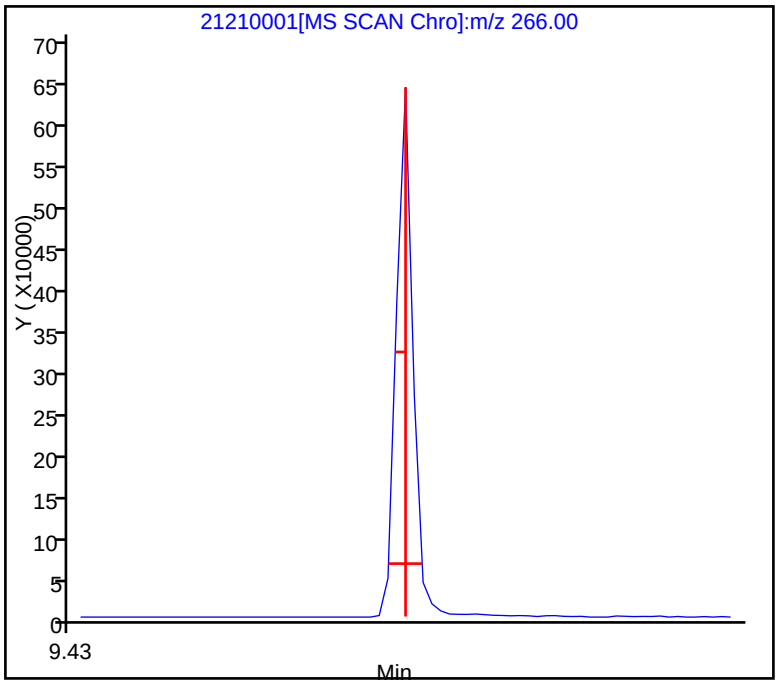
Report Date: 11-Dec-2012 08:19:36 Chrom Revision: 2.0 27-Nov-2012 13:14:12

Peak Tailing Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121210-15667.b\21210001.D		
Injection Date:	10-Dec-2012 07:31:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67921	Lims Sample ID:	1
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

143 Pentachlorophenol, Detector: MS SCAN



Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.010 (min.)
Front Width = 0.010 (min.)

Tailing Factor = 1.0, Max. Tailing < 5.00
Passed

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211001.D		
Lims ID:	dftpp	Client ID:	
Inject. Date:	11-Dec-2012 11:50:30	Dil. Factor:	1.0000
Sample Type:	DFTPP		
Sample ID:	240-0015722-001		
Misc. Info.:	DFTPP =DFTPP		
Operator:	001574	Instrument ID:	A4HP9
Injection Vol:	1.0 ul	ALS Bottle#:	1
Lims Batch ID:	68161	Lims Sample ID:	1
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\8270 _9.m		
Last Update:	12-Dec-2012 07:42:51	Calib Date:	11-Dec-2012 15:28:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK010		
First Level Reviewer: ulmanm		Date:	11-Dec-2012 12:22:24

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
143 Pentachlorophenol	266	9.796	9.796	0.0	74	431325	0	
150 DFTPP								
160 Benzidine	184	11.121	11.121	0.0	87	2611207	0	
166 4,4'-DDE	246	11.303	11.303	0.0	1	2094	0	
165 4,4'-DDD	235	11.698	11.698	0.0	54	15008	0	
170 4,4'-DDT	235	11.997	11.997	0.0	84	1278429	0	

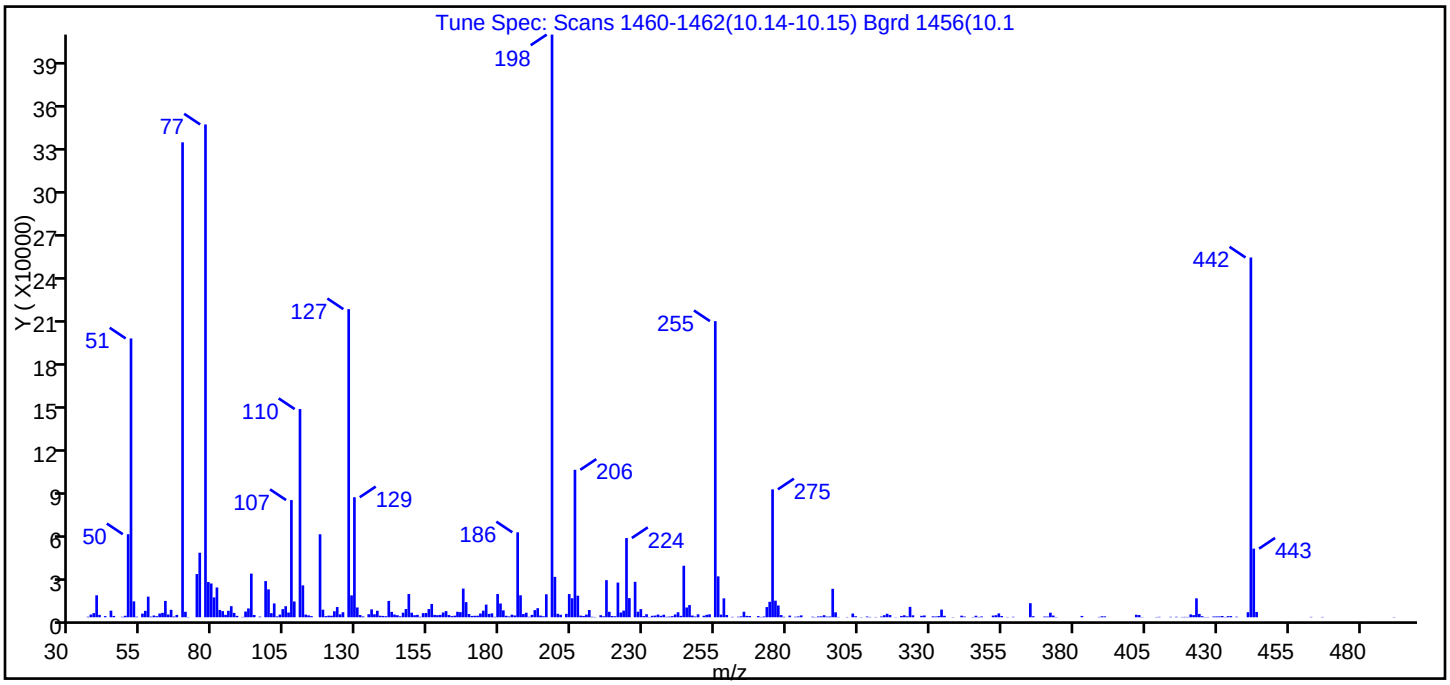
Report Date: 12-Dec-2012 07:42:52 Chrom Revision: 2.0 27-Nov-2012 13:14:12

MS Tune Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211001.D		
Injection Date:	11-Dec-2012 11:50:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68161	Lims Sample ID:	1
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm
Tune Method:	DFTPP Method CLP OLM4.2		

150 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 80.00% of mass 198	47.85
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Present	81.51
70	Less than 2.00% of mass 69	0.94 (1.15)
127	25.00 - 75.00% of mass 198	52.88
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.93
275	10.00 - 30.00% of mass 198	21.95
365	Greater than 0.75% of mass 198	2.41
441	Present, but less than mass 443%	0.86 (7.34)
442	40.00 - 110.00% of mass 198	61.74
443	15.00 - 24.00% of mass 442	11.78 (19.08)

Data File: \\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211001.D\8270 _9.rslt\spectra.d
Injection Date: 11-Dec-2012 11:50:30
Spectrum: Tune Spec: Scans 1460-1462(10.14-10.15) Bgrd 1456(10.1
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 312

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	380	129.00	82560	210.00	1854	304.00	692
37.00	1870	130.00	6725	211.00	4980	306.00	175
38.00	2847	131.00	1525	212.00	334	308.00	520
39.00	15118	132.00	583	213.00	208	309.00	232
40.00	1629	134.00	2075	215.00	1410	311.00	204
42.00	771	135.00	5424	216.00	679	313.00	552
44.00	4530	136.00	2042	217.00	25520	314.00	1406
45.00	899	137.00	4470	218.00	3766	315.00	2418
48.00	336	138.00	1050	219.00	878	316.00	1550
49.00	1017	139.00	908	220.00	698	318.00	169
50.00	57128	140.00	722	221.00	23856	320.00	926
51.00	191808	141.00	11238	222.00	3257	321.00	1343
52.00	10937	142.00	3712	223.00	4558	322.00	639
53.00	386	143.00	1845	224.00	54504	323.00	7161
55.00	2493	144.00	1397	225.00	13156	324.00	1323
56.00	4389	145.00	630	227.00	24368	327.00	1000
57.00	14182	146.00	3133	228.00	3801	328.00	1235
58.00	442	147.00	5680	229.00	5595	331.00	616
59.00	1199	148.00	15986	230.00	809	332.00	531
60.00	723	149.00	3104	231.00	2082	333.00	820
61.00	2552	150.00	1402	232.00	237	334.00	5248
62.00	3043	151.00	1649	233.00	1015	335.00	980
63.00	11246	152.00	337	234.00	1164	338.00	181
64.00	1883	153.00	2815	235.00	1844	341.00	1076
65.00	5115	154.00	2938	236.00	1006	342.00	486
66.00	522	155.00	5626	237.00	1739	345.00	193
67.00	1595	156.00	9154	238.00	341	346.00	1055
69.00	326720	157.00	1614	239.00	495	347.00	253
70.00	3772	158.00	1431	240.00	750	348.00	546
71.00	171	159.00	1620	241.00	1931	352.00	1153
74.00	29728	160.00	3291	242.00	3438	353.00	1376
75.00	44384	161.00	4230	243.00	976	354.00	2657
77.00	339008	162.00	1517	244.00	35440	355.00	862

Report Date: 12-Dec-2012 07:42:52 Chrom Revision: 2.0 27-Nov-2012 13:14:12
Data File: \\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211001.D\8270 _9.rslt\spectra.d
Injection Date: 11-Dec-2012 11:50:30
Spectrum: Tune Spec: Scans 1460-1462(10.14-10.15) Bgrd 1456(10.1
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 312

m/z	Y	m/z	Y	m/z	Y	m/z	Y
78.00	24224	163.00	806	245.00	6732	357.00	193
79.00	23232	164.00	1076	246.00	8384	359.00	323
80.00	13670	165.00	3771	247.00	1175	365.00	9674
81.00	20472	166.00	3516	248.00	522	366.00	724
82.00	5028	167.00	19712	249.00	2018	370.00	498
83.00	4208	168.00	10427	251.00	1039	371.00	469
84.00	1670	169.00	2253	252.00	1693	372.00	3106
85.00	4434	170.00	921	253.00	2031	373.00	1150
86.00	7622	171.00	1023	255.00	203712	374.00	200
87.00	3007	172.00	1051	256.00	28136	383.00	911
88.00	972	173.00	2584	257.00	1823	389.00	252
90.00	236	174.00	4520	258.00	12993	390.00	683
91.00	3942	175.00	8684	259.00	1586	391.00	614
92.00	6071	176.00	2304	261.00	284	402.00	1726
93.00	30008	177.00	2678	263.00	347	403.00	1495
94.00	1558	178.00	298	264.00	612	404.00	182
96.00	442	179.00	16030	265.00	3808	409.00	191
98.00	24896	180.00	9472	266.00	933	410.00	311
99.00	19176	181.00	4742	267.00	845	414.00	304
100.00	2809	182.00	1017	270.00	800	416.00	344
101.00	9511	183.00	588	271.00	231	418.00	214
102.00	597	184.00	1778	272.00	529	419.00	273
103.00	1821	185.00	1229	273.00	6997	420.00	226
104.00	5602	186.00	58424	274.00	10624	421.00	1956
105.00	7595	187.00	15119	275.00	87992	422.00	1482
106.00	3241	188.00	2189	276.00	11409	423.00	13021
107.00	80624	189.00	3131	277.00	8096	424.00	2306
108.00	10832	190.00	328	278.00	1499	425.00	738
110.00	143232	191.00	1627	279.00	329	426.00	176
111.00	21936	192.00	4919	281.00	1141	427.00	214
112.00	1817	193.00	6238	283.00	361	429.00	518
113.00	1285	194.00	1159	284.00	552	430.00	573
114.00	780	195.00	684	285.00	1287	431.00	592
115.00	10	196.00	15819	289.00	369	432.00	870

Report Date: 12-Dec-2012 07:42:52 Chrom Revision: 2.0 27-Nov-2012 13:14:12
Data File: \\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211001.D\8270 _9.rslt\spectra.d
Injection Date: 11-Dec-2012 11:50:30
Spectrum: Tune Spec: Scans 1460-1462(10.14-10.15) Bgrd 1456(10.1
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 312

m/z	Y	m/z	Y	m/z	Y	m/z	Y
117.00	57080	198.00	400832	290.00	167	433.00	195
118.00	5207	199.00	27784	291.00	574	434.00	764
119.00	804	200.00	2389	292.00	628	435.00	813
120.00	1111	201.00	1704	293.00	1399	437.00	373
121.00	1041	203.00	2328	294.00	440	441.00	3466
122.00	4117	204.00	15952	295.00	508	442.00	247488
123.00	7020	205.00	13055	296.00	19576	443.00	47216
124.00	2034	206.00	101432	297.00	3399	444.00	3659
125.00	3472	207.00	14831	298.00	220	463.00	249
127.00	211968	208.00	1140	301.00	207	467.00	228
128.00	15045	209.00	917	303.00	2552	492.00	181

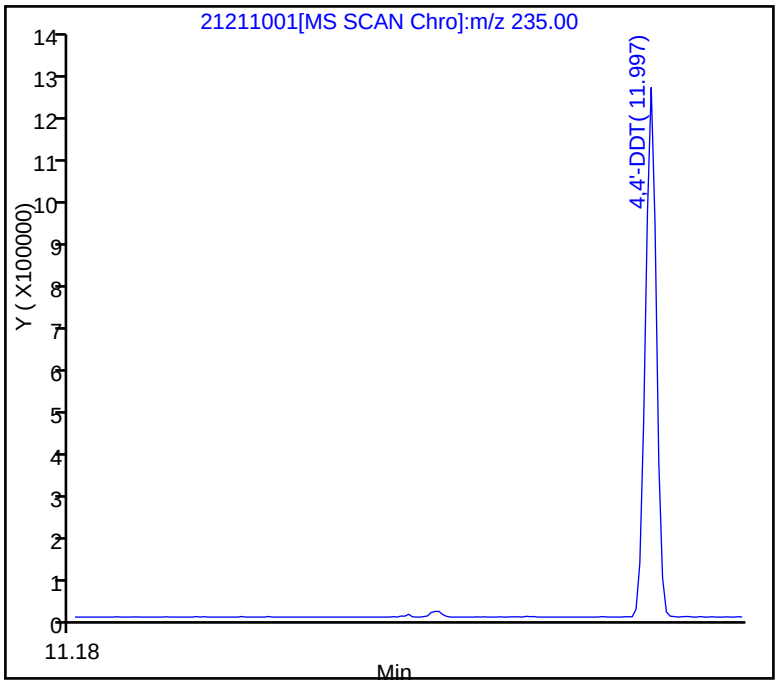
Report Date: 12-Dec-2012 07:42:52 Chrom Revision: 2.0 27-Nov-2012 13:14:12

Breakdown Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211001.D		
Injection Date:	11-Dec-2012 11:50:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68161	Lims Sample ID:	1
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

170 4,4'-DDT, Detector: MS SCAN



SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

170 4,4'-DDT, Area = 1278429
165 4,4'-DDD, Area = 15008
166 4,4'-DDE, Area = 2094

%Breakdown: 1.32%, Max Limit: 20.00%
Passed

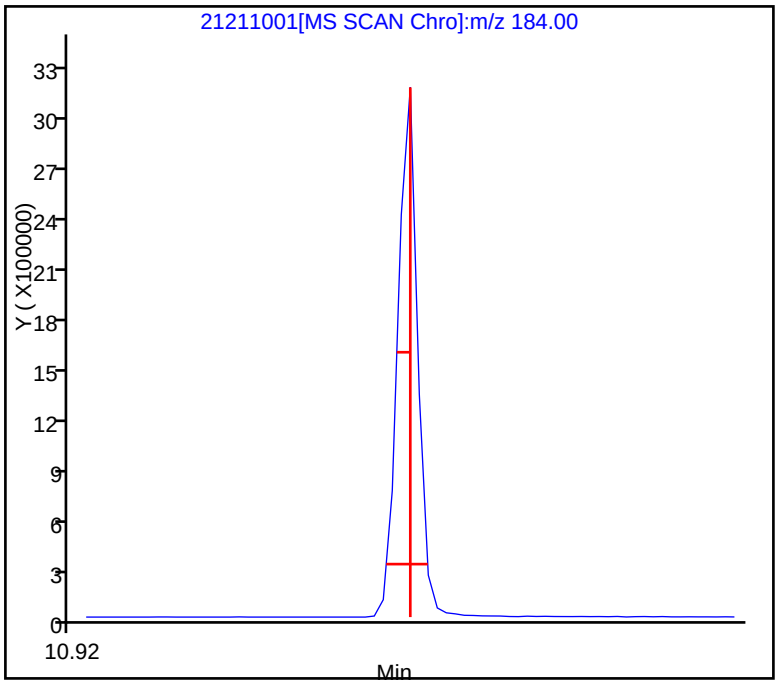
Report Date: 12-Dec-2012 07:42:52 Chrom Revision: 2.0 27-Nov-2012 13:14:12

Peak Tailing Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211001.D		
Injection Date:	11-Dec-2012 11:50:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68161	Lims Sample ID:	1
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

160 Benzidine, Detector: MS SCAN



Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.010 (min.)
Front Width = 0.014 (min.)

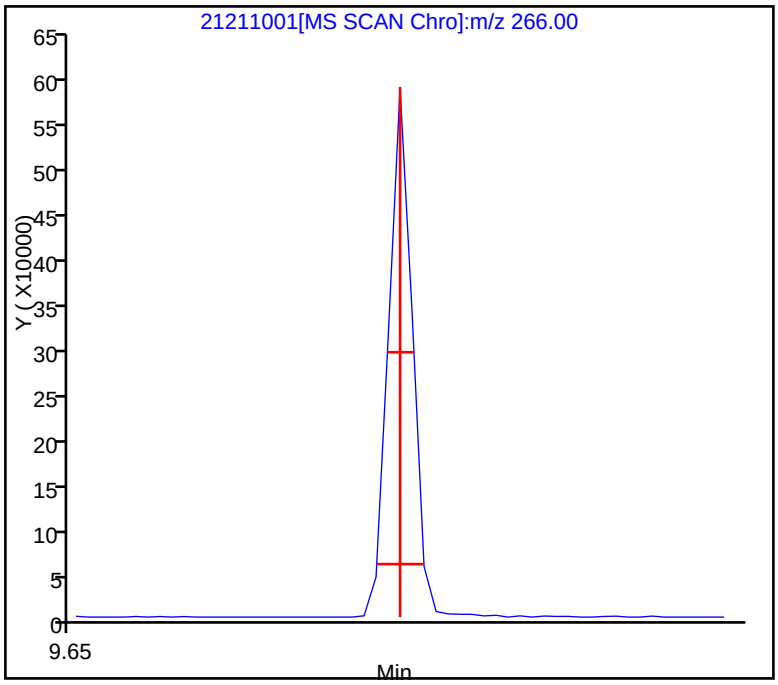
Tailing Factor = 0.7, Max. Tailing < 3.00
Passed

Peak Tailing Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211001.D		
Injection Date:	11-Dec-2012 11:50:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68161	Lims Sample ID:	1
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

143 Pentachlorophenol, Detector: MS SCAN



Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.011 (min.)
Front Width = 0.010 (min.)

Tailing Factor = 1.0, Max. Tailing < 5.00
Passed

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP9\20121212-15768.b\21212101.D		
Lims ID:	dftpp	Client ID:	
Inject. Date:	12-Dec-2012 10:38:30	Dil. Factor:	1.0000
Sample Type:	DFTPP		
Sample ID:	240-0015768-001		
Misc. Info.:	DFTPP =DFTPP		
Operator:	001574	Instrument ID:	A4HP9
Injection Vol:	1.0 ul	ALS Bottle#:	1
Lims Batch ID:	68349	Lims Sample ID:	1
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP9\20121212-15768.b\8270 _9.m		
Last Update:	13-Dec-2012 09:49:53	Calib Date:	11-Dec-2012 15:28:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK018		
First Level Reviewer: ulmanm		Date:	12-Dec-2012 11:11:04

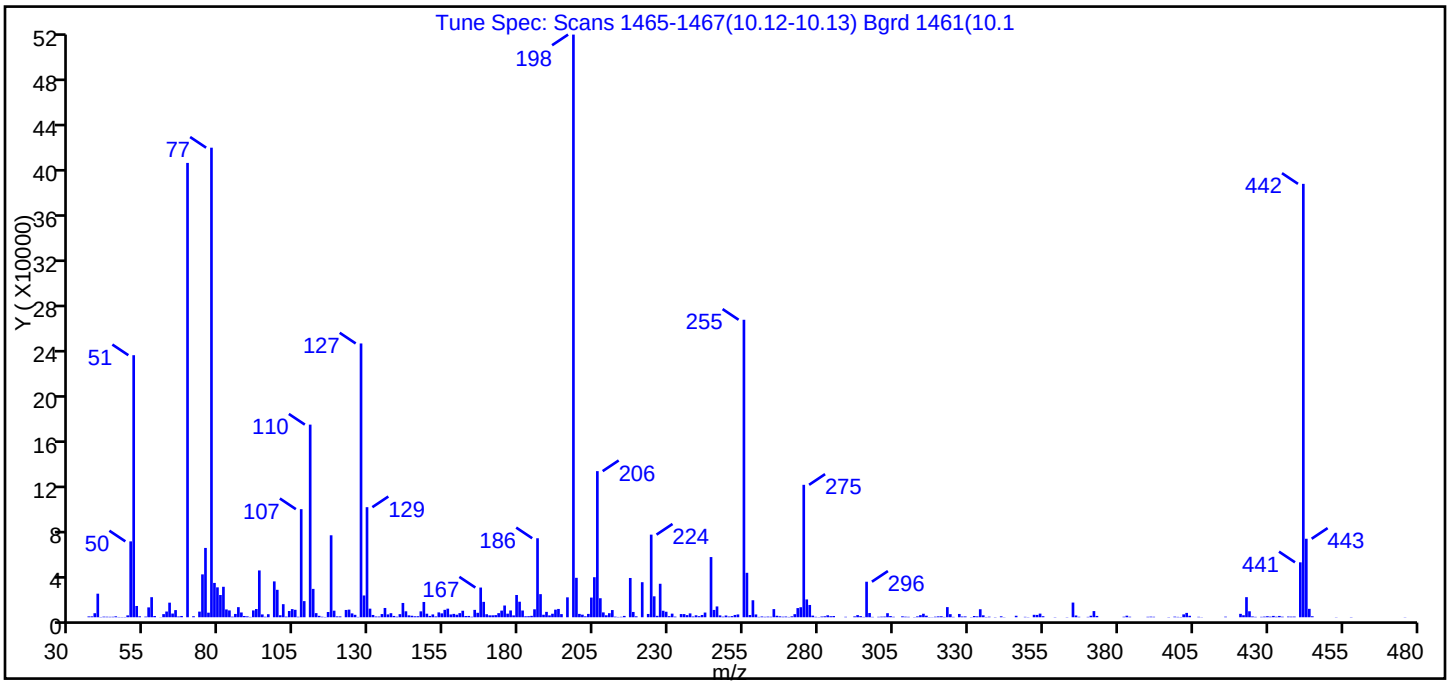
Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
143 Pentachlorophenol	266	9.770	9.770	0.0	74	534996	0	
150 DFTPP								
160 Benzidine	184	11.090	11.090	0.0	88	2867903	0	
166 4,4'-DDE	246	11.266	11.266	0.0	1	2498	0	
165 4,4'-DDD	235	11.656	11.656	0.0	60	16198	0	
170 4,4'-DDT	235	11.961	11.961	0.0	92	1603082	0	

MS Tune Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121212-15768.b\21212101.D		
Injection Date:	12-Dec-2012 10:38:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68349	Lims Sample ID:	1
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm
Tune Method:	DFTPP Method CLP OLM4.2		

150 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 80.00% of mass 198	44.98
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Present	77.98
70	Less than 2.00% of mass 69	0.00 (0.00)
127	25.00 - 75.00% of mass 198	46.99
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.77
275	10.00 - 30.00% of mass 198	22.73
365	Greater than 0.75% of mass 198	2.52
441	Present, but less than mass 443%	9.43 (69.98)
442	40.00 - 110.00% of mass 198	74.38
443	15.00 - 24.00% of mass 442	13.47 (18.11)

Data File: \\Ncchrom\ChromData\A4HP9\20121212-15768.b\21212101.D\8270 _9.rslt\spectra.d
Injection Date: 12-Dec-2012 10:38:30
Spectrum: Tune Spec: Scans 1465-1467(10.12-10.13) Bgrd 1461(10.1
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 335

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	744	128.00	19120	214.00	405	313.00	743
37.00	793	129.00	96616	215.00	1175	314.00	1854
38.00	3540	130.00	7541	217.00	34472	315.00	3090
39.00	20696	131.00	2020	218.00	4651	316.00	1353
40.00	244	132.00	658	219.00	825	317.00	202
41.00	534	133.00	625	221.00	30768	318.00	167
42.00	473	134.00	2804	223.00	2893	319.00	505
43.00	401	135.00	8151	224.00	72520	320.00	776
44.00	436	136.00	2508	225.00	18376	321.00	883
45.00	839	137.00	3579	226.00	1248	322.00	284
46.00	259	138.00	1159	227.00	29400	323.00	8904
47.00	235	139.00	521	228.00	5725	324.00	2715
48.00	244	140.00	2735	229.00	4835	325.00	336
49.00	1654	141.00	12546	230.00	962	327.00	2891
50.00	66600	142.00	5240	231.00	3173	328.00	654
51.00	230016	143.00	1668	232.00	564	329.00	720
52.00	9900	144.00	1318	234.00	2807	331.00	215
53.00	843	145.00	852	235.00	2776	332.00	1100
55.00	570	146.00	889	236.00	1866	333.00	765
56.00	8662	147.00	5189	237.00	3388	334.00	7043
57.00	17616	148.00	13406	238.00	675	335.00	1695
58.00	1072	149.00	3114	239.00	1725	336.00	253
60.00	141	150.00	1188	240.00	949	337.00	501
61.00	2755	151.00	2479	241.00	1960	339.00	220
62.00	5031	152.00	703	242.00	4118	341.00	831
63.00	12811	153.00	4268	244.00	52832	342.00	178
64.00	3259	154.00	3429	245.00	6434	346.00	1319
65.00	6285	155.00	6510	246.00	9493	349.00	363
66.00	653	156.00	7533	247.00	1642	350.00	181
67.00	1115	157.00	2464	248.00	536	352.00	2145
69.00	398784	158.00	2956	249.00	1547	353.00	2056
71.00	902	159.00	2252	250.00	642	354.00	3192
73.00	4955	160.00	3619	251.00	999	355.00	915

Report Date: 13-Dec-2012 09:49:53 Chrom Revision: 2.0 27-Nov-2012 13:14:12
Data File: \\Ncchrom\ChromData\A4HP9\20121212-15768.b\21212101.D\8270 _9.rslt\spectra.d
Injection Date: 12-Dec-2012 10:38:30
Spectrum: Tune Spec: Scans 1465-1467(10.12-10.13) Bgrd 1461(10.1
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 335

m/z	Y	m/z	Y	m/z	Y	m/z	Y
74.00	37640	161.00	5724	252.00	2033	359.00	215
75.00	60848	162.00	1074	253.00	2474	363.00	205
76.00	4007	163.00	1159	255.00	261120	365.00	12889
77.00	412160	164.00	450	256.00	39024	366.00	1547
78.00	30136	165.00	6481	257.00	1966	367.00	420
79.00	26256	166.00	3904	258.00	14929	370.00	339
80.00	19512	167.00	26080	259.00	2473	371.00	1314
81.00	26744	168.00	13509	260.00	332	372.00	5416
82.00	6864	169.00	2653	261.00	691	373.00	1163
83.00	6002	170.00	1681	262.00	410	382.00	478
84.00	536	171.00	1708	263.00	580	383.00	1370
85.00	2907	172.00	1866	264.00	458	384.00	467
86.00	8862	173.00	3608	265.00	7166	390.00	407
87.00	4204	174.00	5843	266.00	1309	391.00	531
88.00	1110	175.00	10307	267.00	816	392.00	426
89.00	799	176.00	3150	268.00	499	397.00	215
90.00	300	177.00	5974	269.00	647	399.00	537
91.00	6013	178.00	1635	270.00	287	400.00	327
92.00	7223	179.00	19544	271.00	815	401.00	238
93.00	41096	180.00	13629	272.00	2706	402.00	2541
94.00	2490	181.00	5919	273.00	8050	403.00	3824
95.00	452	182.00	846	274.00	8794	404.00	1292
96.00	2665	183.00	934	275.00	116256	407.00	391
98.00	31480	184.00	1244	276.00	15641	408.00	169
99.00	24096	185.00	6974	277.00	10786	416.00	516
100.00	1741	186.00	69344	278.00	1436	421.00	2991
101.00	11483	187.00	20280	279.00	399	422.00	1777
102.00	553	188.00	2205	280.00	194	423.00	17648
103.00	5481	189.00	4730	281.00	640	424.00	5248
104.00	7153	190.00	1647	282.00	851	425.00	710
105.00	6539	191.00	3089	283.00	1736	426.00	370
106.00	442	192.00	6685	284.00	906	428.00	385
107.00	94872	193.00	7292	285.00	1085	429.00	575
108.00	14164	194.00	2760	289.00	407	430.00	921

Report Date: 13-Dec-2012 09:49:53 Chrom Revision: 2.0 27-Nov-2012 13:14:12
Data File: \\Ncchrom\ChromData\A4HP9\20121212-15768.b\21212101.D\8270 _9.rslt\spectra.d
Injection Date: 12-Dec-2012 10:38:30
Spectrum: Tune Spec: Scans 1465-1467(10.12-10.13) Bgrd 1461(10.1
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 335

m/z	Y	m/z	Y	m/z	Y	m/z	Y
110.00	169088	196.00	17488	292.00	774	431.00	533
111.00	24896	198.00	511424	293.00	1886	432.00	1184
112.00	3626	199.00	34624	294.00	992	433.00	493
113.00	1239	200.00	2948	295.00	300	434.00	1146
114.00	470	201.00	2272	296.00	31192	435.00	506
115.00	260	202.00	813	297.00	3696	437.00	619
116.00	4603	203.00	2938	298.00	332	438.00	548
117.00	71952	204.00	17272	300.00	401	439.00	597
118.00	5771	205.00	35144	301.00	546	441.00	48216
119.00	772	206.00	128256	302.00	603	442.00	380416
120.00	755	207.00	16704	303.00	3574	443.00	68904
122.00	6399	208.00	4277	304.00	1043	444.00	7382
123.00	6699	209.00	1722	305.00	419	445.00	876
124.00	3396	210.00	3556	308.00	817	453.00	175
125.00	2141	211.00	6315	309.00	509	458.00	226
126.00	306	212.00	522	310.00	398	476.00	169
127.00	240320	213.00	279	312.00	207		

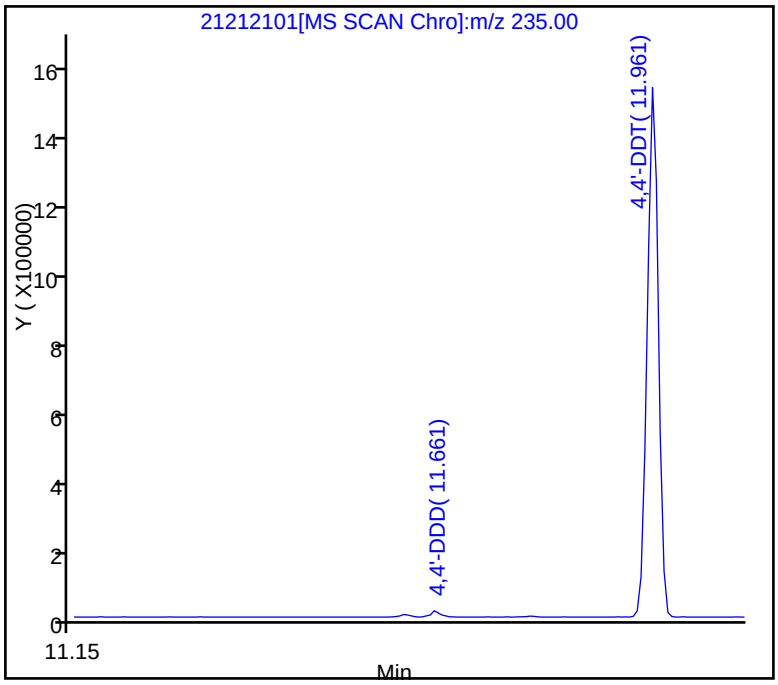
Report Date: 13-Dec-2012 09:49:53 Chrom Revision: 2.0 27-Nov-2012 13:14:12

Breakdown Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121212-15768.b\21212101.D		
Injection Date:	12-Dec-2012 10:38:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68349	Lims Sample ID:	1
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

170 4,4'-DDT, Detector: MS SCAN



SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

170 4,4'-DDT, Area = 1603082
165 4,4'-DDD, Area = 16198
166 4,4'-DDE, Area = 2498

%Breakdown: 1.15%, Max Limit: 20.00%
Passed

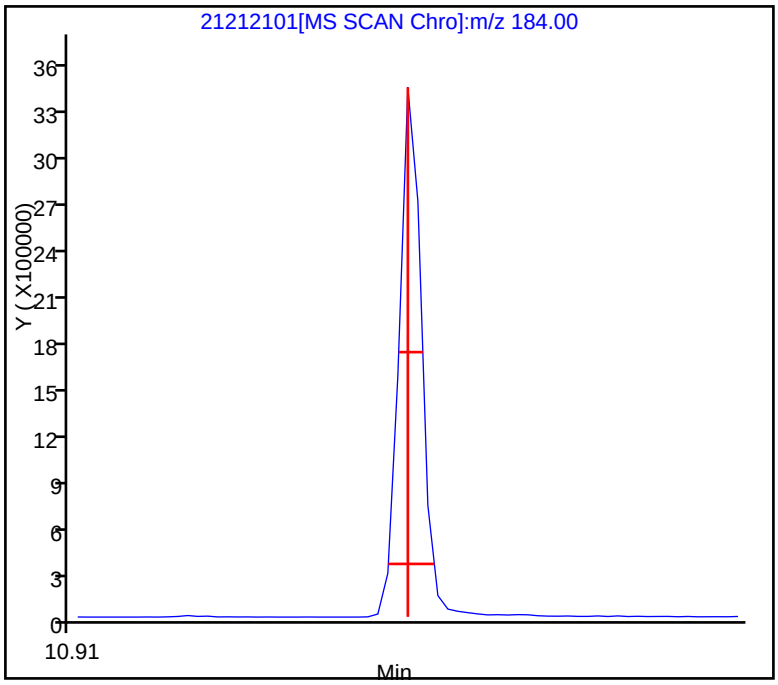
Report Date: 13-Dec-2012 09:49:53 Chrom Revision: 2.0 27-Nov-2012 13:14:12

Peak Tailing Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121212-15768.b\21212101.D		
Injection Date:	12-Dec-2012 10:38:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68349	Lims Sample ID:	1
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

160 Benzidine, Detector: MS SCAN



Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.014 (min.)
Front Width = 0.010 (min.)

Tailing Factor = 1.4, Max. Tailing < 3.00
Passed

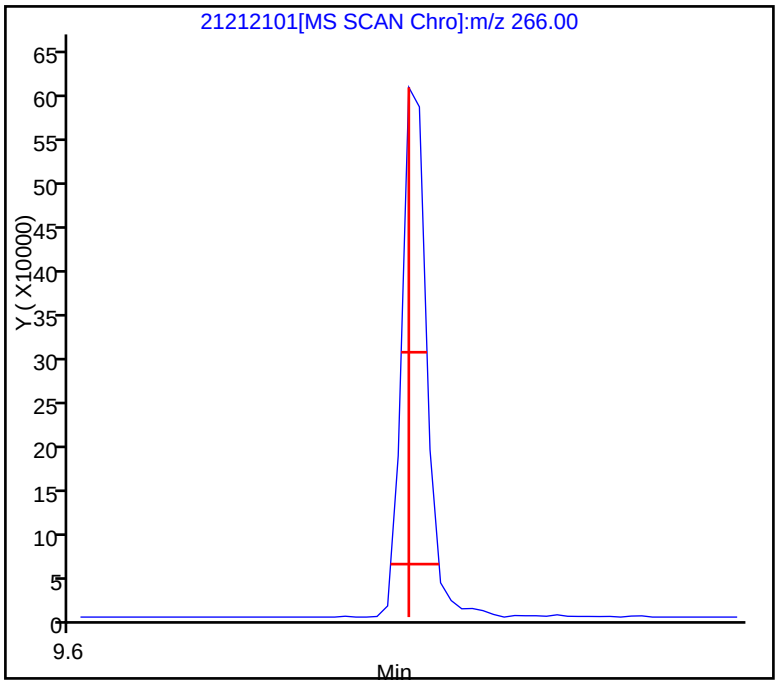
Report Date: 13-Dec-2012 09:49:53 Chrom Revision: 2.0 27-Nov-2012 13:14:12

Peak Tailing Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121212-15768.b\21212101.D		
Injection Date:	12-Dec-2012 10:38:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68349	Lims Sample ID:	1
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

143 Pentachlorophenol, Detector: MS SCAN



Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.015 (min.)
Front Width = 0.009 (min.)

Tailing Factor = 1.7, Max. Tailing < 5.00
Passed

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP9\20121213-15814.b\21213101.D		
Lims ID:	dftpp	Client ID:	
Inject. Date:	13-Dec-2012 14:48:30	Dil. Factor:	1.0000
Sample Type:	DFTPP		
Sample ID:	240-0015814-001		
Misc. Info.:	DFTPP =DFTPP		
Operator:	001574	Instrument ID:	A4HP9
Injection Vol:	1.0 ul	ALS Bottle#:	1
Lims Batch ID:	68588	Lims Sample ID:	1
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP9\20121213-15814.b\8270 _9.m		
Last Update:	14-Dec-2012 09:41:06	Calib Date:	13-Dec-2012 11:31:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP9\20121213-15797.b\21213010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK024		
First Level Reviewer: ulmanm		Date:	13-Dec-2012 15:45:22

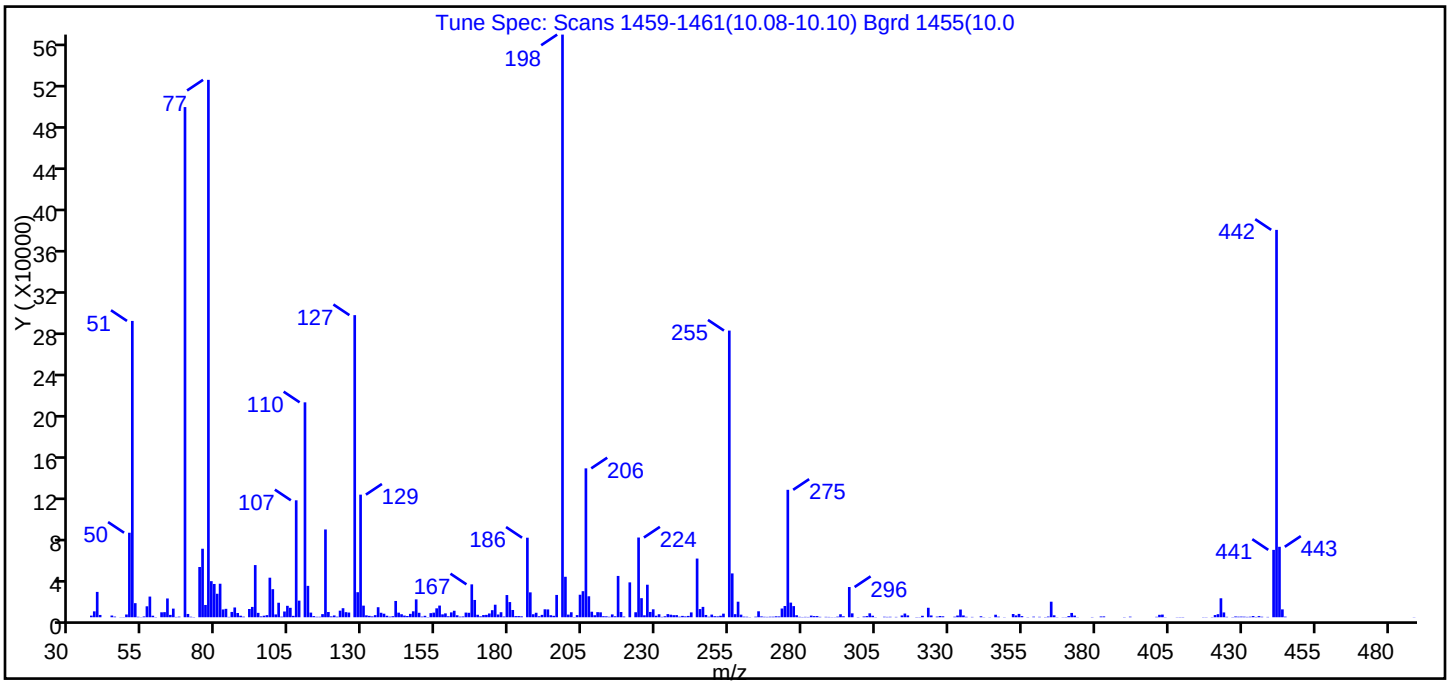
Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
143 Pentachlorophenol	266	9.743	9.743	0.0	76	586226	0	
150 DFTPP								
160 Benzidine	184	11.057	11.057	0.0	87	3462741	0	
166 4,4'-DDE	246	11.233	11.233	0.0	1	2920	0	
165 4,4'-DDD	235	11.618	11.618	0.0	64	18600	0	
170 4,4'-DDT	235	11.917	11.917	0.0	92	1875874	0	

MS Tune Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121213-15814.b\21213101.D		
Injection Date:	13-Dec-2012 14:48:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68588	Lims Sample ID:	1
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm
Tune Method:	DFTPP Method CLP OLM4.2		

150 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 80.00% of mass 198	50.86
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Present	87.56
70	Less than 2.00% of mass 69	0.57 (0.65)
127	25.00 - 75.00% of mass 198	51.85
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.95
275	10.00 - 30.00% of mass 198	21.87
365	Greater than 0.75% of mass 198	2.67
441	Present, but less than mass 443%	11.56 (95.63)
442	40.00 - 110.00% of mass 198	66.48
443	15.00 - 24.00% of mass 442	12.09 (18.19)

Report Date: 14-Dec-2012 09:41:07 Chrom Revision: 2.0 27-Nov-2012 13:14:12

Data File: \\Ncchrom\ChromData\A4HP9\20121213-15814.b\21213101.D\8270 _9.rslt\spectra.d
Injection Date: 13-Dec-2012 14:48:30
Spectrum: Tune Spec: Scans 1459-1461(10.08-10.10) Bgrd 1455(10.0
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 331

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	1571	130.00	11172	215.00	2737	309.00	363
38.00	5687	131.00	1840	216.00	947	310.00	454
39.00	24376	132.00	1348	217.00	39728	312.00	353
40.00	2213	133.00	830	218.00	5036	314.00	1741
44.00	1661	134.00	2011	219.00	686	315.00	3562
45.00	637	135.00	9647	221.00	33544	316.00	1767
47.00	178	136.00	4313	223.00	4812	319.00	245
48.00	207	137.00	3412	224.00	76672	320.00	204
49.00	2654	138.00	1453	225.00	18352	321.00	1411
50.00	81272	139.00	609	226.00	1874	323.00	9117
51.00	284928	140.00	1030	227.00	31280	324.00	1742
52.00	13548	141.00	15675	228.00	5104	326.00	611
53.00	471	142.00	4421	229.00	7649	327.00	1199
54.00	182	143.00	2914	230.00	1450	328.00	908
55.00	774	144.00	1606	231.00	2888	332.00	539
56.00	10545	145.00	1180	232.00	393	333.00	1684
57.00	19888	146.00	3262	233.00	962	334.00	7422
58.00	1477	147.00	5731	234.00	3022	335.00	1755
59.00	227	148.00	17208	235.00	2444	336.00	437
61.00	4771	149.00	4297	236.00	2009	338.00	338
62.00	4918	150.00	631	237.00	2056	341.00	937
63.00	18072	151.00	1411	238.00	576	342.00	180
64.00	2280	152.00	244	239.00	1309	344.00	171
65.00	8309	153.00	3959	240.00	808	346.00	2431
66.00	314	154.00	4425	241.00	1298	347.00	573
67.00	604	155.00	8586	242.00	4672	349.00	193
69.00	490560	156.00	11238	244.00	56440	352.00	3129
70.00	3170	157.00	2791	245.00	7868	353.00	1738
71.00	487	158.00	3716	246.00	9969	354.00	3211
72.00	238	159.00	953	247.00	2211	355.00	1103
74.00	48328	160.00	4677	248.00	523	357.00	210
75.00	65888	161.00	6256	249.00	2569	359.00	586
76.00	11808	162.00	1922	250.00	987	361.00	432

Report Date: 14-Dec-2012 09:41:07 Chrom Revision: 2.0 27-Nov-2012 13:14:12
Data File: \\Ncchrom\ChromData\A4HP9\20121213-15814.b\21213101.D\8270 _9.rslt\spectra.d
Injection Date: 13-Dec-2012 14:48:30
Spectrum: Tune Spec: Scans 1459-1461(10.08-10.10) Bgrd 1455(10.0
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 331

m/z	Y	m/z	Y	m/z	Y	m/z	Y
77.00	516736	163.00	616	251.00	817	363.00	251
78.00	34704	164.00	783	252.00	1440	364.00	686
79.00	32008	165.00	4484	253.00	3455	365.00	14961
80.00	22584	166.00	4286	255.00	275648	366.00	1864
81.00	32240	167.00	31640	256.00	42160	367.00	181
82.00	7492	168.00	16624	257.00	2975	369.00	181
83.00	8099	169.00	2397	258.00	14954	370.00	215
84.00	361	170.00	873	259.00	2494	371.00	1136
85.00	5111	171.00	2130	260.00	580	372.00	4153
86.00	9402	172.00	2307	261.00	508	373.00	1590
87.00	4085	173.00	3629	262.00	194	374.00	168
88.00	1484	174.00	6797	264.00	555	379.00	258
89.00	577	175.00	12061	265.00	5740	382.00	759
91.00	7934	176.00	2651	266.00	816	383.00	822
92.00	9935	177.00	4840	267.00	456	390.00	235
93.00	50176	178.00	698	268.00	364	392.00	574
94.00	4220	179.00	21360	269.00	538	401.00	435
95.00	836	180.00	14606	270.00	545	402.00	2352
96.00	1491	181.00	6986	271.00	918	403.00	2569
97.00	2030	182.00	1096	272.00	789	404.00	174
98.00	38040	183.00	1149	273.00	8397	408.00	187
99.00	27008	184.00	888	274.00	10832	409.00	221
100.00	2720	186.00	76488	275.00	122544	410.00	248
101.00	13958	187.00	23944	276.00	14068	417.00	204
102.00	570	188.00	2902	277.00	10721	418.00	189
103.00	5544	189.00	4323	278.00	1950	420.00	216
104.00	10998	190.00	976	279.00	434	421.00	2105
105.00	9089	191.00	2281	280.00	267	422.00	2953
106.00	1344	192.00	7643	281.00	384	423.00	18256
107.00	112456	193.00	7531	282.00	296	424.00	4635
108.00	15988	194.00	1957	283.00	1592	425.00	411
110.00	206656	195.00	1385	284.00	1113	427.00	232
111.00	30184	196.00	21456	285.00	1156	428.00	761
112.00	4471	198.00	560256	286.00	395	429.00	566

Report Date: 14-Dec-2012 09:41:07 Chrom Revision: 2.0 27-Nov-2012 13:14:12
Data File: \\Ncchrom\ChromData\A4HP9\20121213-15814.b\21213101.D\8270 _9.rslt\spectra.d
Injection Date: 13-Dec-2012 14:48:30
Spectrum: Tune Spec: Scans 1459-1461(10.08-10.10) Bgrd 1455(10.0
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 331

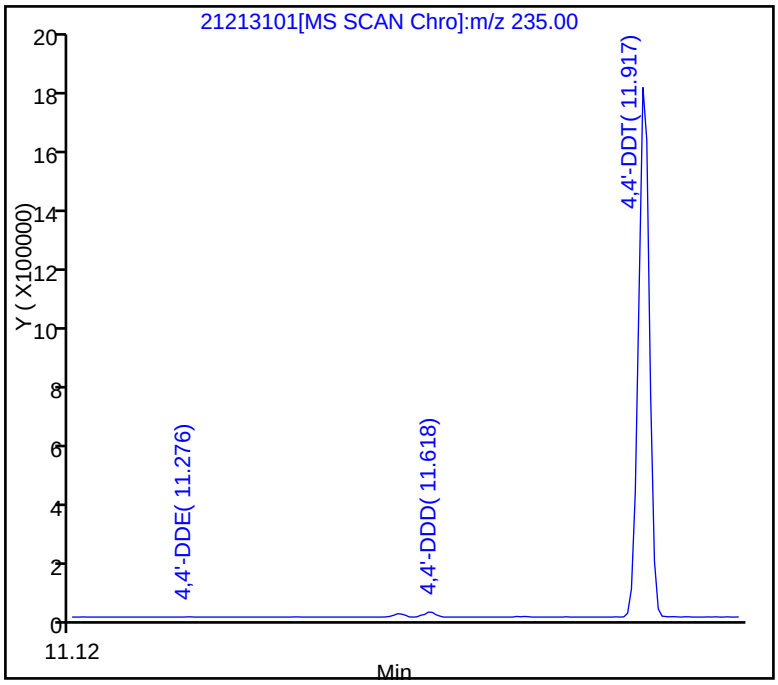
m/z	Y	m/z	Y	m/z	Y	m/z	Y
113.00	1089	199.00	38928	288.00	397	430.00	641
114.00	469	200.00	2561	289.00	329	431.00	552
115.00	480	201.00	4821	290.00	193	432.00	367
116.00	3006	202.00	267	291.00	176	433.00	530
117.00	84424	203.00	2043	292.00	581	434.00	1156
118.00	5034	204.00	21648	293.00	2879	435.00	304
119.00	836	205.00	25072	294.00	919	436.00	1120
120.00	1731	206.00	143168	296.00	29064	437.00	505
121.00	551	207.00	20176	297.00	3759	439.00	336
122.00	6332	208.00	5332	299.00	235	441.00	64792
123.00	8697	209.00	1930	301.00	745	442.00	372480
124.00	4896	210.00	4903	302.00	1130	443.00	67752
125.00	4518	211.00	4749	303.00	3800	444.00	7574
127.00	290496	212.00	995	304.00	1462	445.00	602
128.00	24096	213.00	899	305.00	195	489.00	170
129.00	117896	214.00	481	308.00	500		

Breakdown Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121213-15814.b\21213101.D		
Injection Date:	13-Dec-2012 14:48:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68588	Lims Sample ID:	1
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

170 4,4'-DDT, Detector: MS SCAN



SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

170 4,4'-DDT, Area = 1875874
165 4,4'-DDD, Area = 18600
166 4,4'-DDE, Area = 2920

%Breakdown: 1.13%, Max Limit: 20.00%
Passed

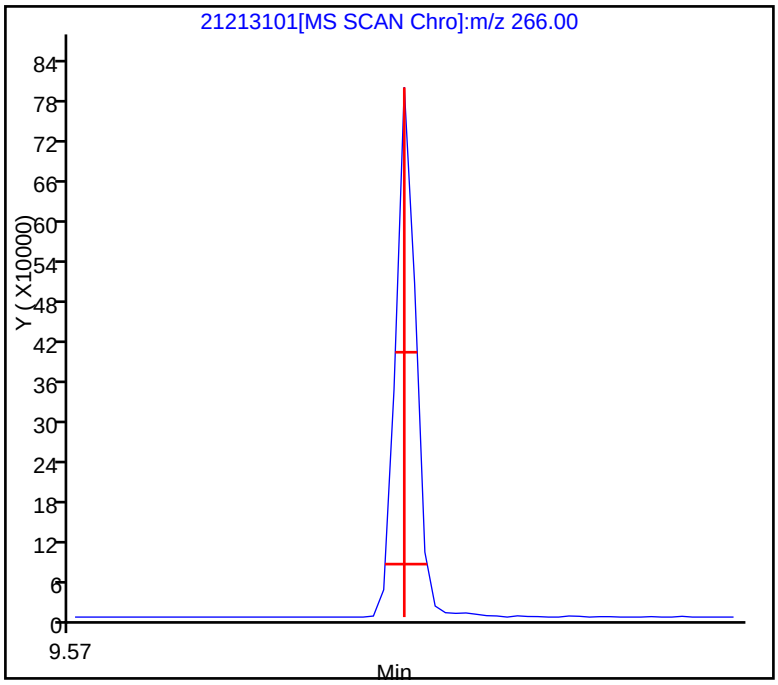
Report Date: 14-Dec-2012 09:41:07 Chrom Revision: 2.0 27-Nov-2012 13:14:12

Peak Tailing Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121213-15814.b\21213101.D		
Injection Date:	13-Dec-2012 14:48:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68588	Lims Sample ID:	1
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

143 Pentachlorophenol, Detector: MS SCAN



Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.012 (min.)
Front Width = 0.010 (min.)

Tailing Factor = 1.2, Max. Tailing < 5.00
Passed

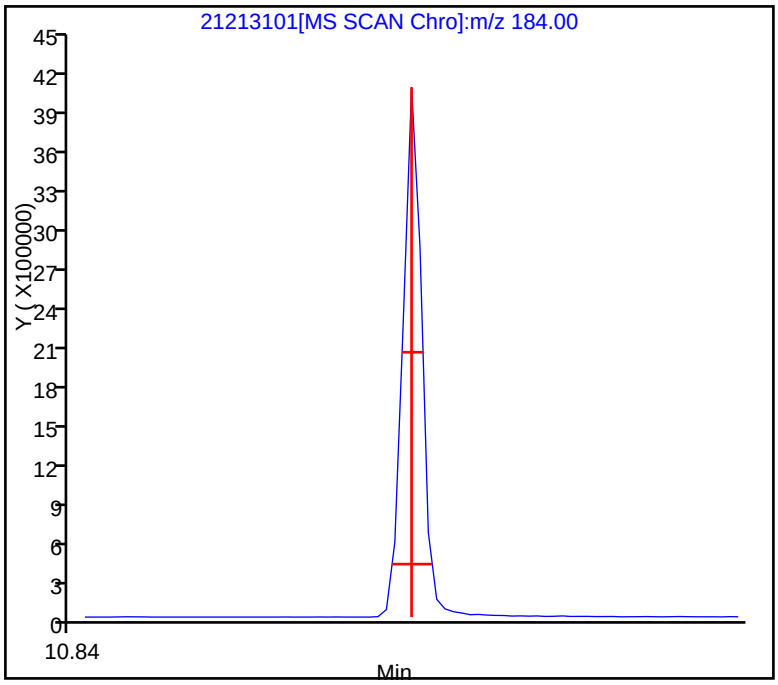
Report Date: 14-Dec-2012 09:41:07 Chrom Revision: 2.0 27-Nov-2012 13:14:12

Peak Tailing Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121213-15814.b\21213101.D		
Injection Date:	13-Dec-2012 14:48:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68588	Lims Sample ID:	1
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

160 Benzidine, Detector: MS SCAN



Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.013 (min.)
Front Width = 0.012 (min.)

Tailing Factor = 1.1, Max. Tailing < 3.00
Passed

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP9\20121215-15876.b\21215001.D		
Lims ID:	dftpp	Client ID:	
Inject. Date:	15-Dec-2012 11:22:30	Dil. Factor:	1.0000
Sample Type:	DFTPP		
Sample ID:	240-0015876-001		
Misc. Info.:	DFTPP =DFTPP		
Operator:	001574	Instrument ID:	A4HP9
Injection Vol:	1.0 ul	ALS Bottle#:	1
Lims Batch ID:	68844	Lims Sample ID:	1
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP9\20121215-15876.b\8270 _9.m		
Last Update:	17-Dec-2012 09:53:10	Calib Date:	13-Dec-2012 11:31:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP9\20121213-15797.b\21213010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK007		
First Level Reviewer: ulmanm		Date:	15-Dec-2012 11:56:56

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
143 Pentachlorophenol	266	9.690	9.690	0.0	79	320402	0	
150 DFTPP								
160 Benzidine	184	10.994	10.994	0.0	87	1964046	0	
166 4,4'-DDE	246	11.164	11.164	0.0	1	2606	0	
165 4,4'-DDD	235		11.580					
170 4,4'-DDT	235	11.843	11.843	0.0	88	1070733	0	

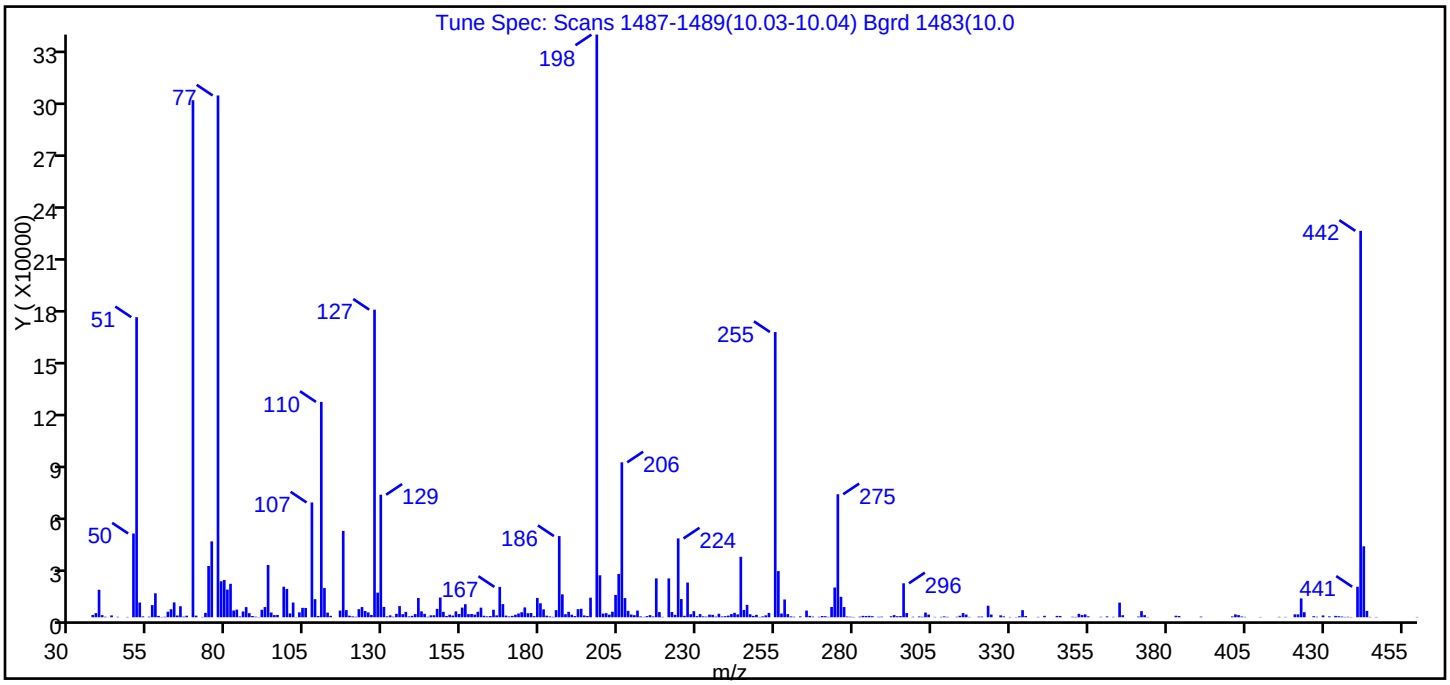
Report Date: 17-Dec-2012 09:53:11 Chrom Revision: 2.0 27-Nov-2012 13:14:12

MS Tune Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121215-15876.b\21215001.D		
Injection Date:	15-Dec-2012 11:22:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68844	Lims Sample ID:	1
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm
Tune Method:	DFTPP Method CLP OLM4.2		

150 DFTPP



m/z	Ion Abundance Criteria	% Relative Abundance
198	Base Peak, 100% relative abundance	100.00
51	30.00 - 80.00% of mass 198	51.50
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Present	88.73
70	Less than 2.00% of mass 69	0.28 (0.31)
127	25.00 - 75.00% of mass 198	52.79
197	Less than 1.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	7.20
275	10.00 - 30.00% of mass 198	21.11
365	Greater than 0.75% of mass 198	2.51
441	Present, but less than mass 443%	5.24 (43.02)
442	40.00 - 110.00% of mass 198	66.32
443	15.00 - 24.00% of mass 442	12.17 (18.35)

Report Date: 17-Dec-2012 09:53:11 Chrom Revision: 2.0 27-Nov-2012 13:14:12

Data File: \\Ncchrom\ChromData\A4HP9\20121215-15876.b\21215001.D\8270 _9.rslt\spectra.d
Injection Date: 15-Dec-2012 11:22:30
Spectrum: Tune Spec: Scans 1487-1489(10.03-10.04) Bgrd 1483(10.0
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 314

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	1325	129.00	70848	209.00	1576	297.00	2437
38.00	2385	130.00	5974	210.00	1203	299.00	278
39.00	15898	131.00	538	211.00	3864	301.00	451
40.00	1212	132.00	1101	212.00	484	302.00	303
41.00	304	133.00	319	213.00	199	303.00	2714
43.00	1061	134.00	2006	214.00	660	304.00	1529
45.00	269	135.00	6459	215.00	1238	306.00	218
48.00	196	136.00	1790	216.00	477	308.00	260
50.00	48424	137.00	3105	217.00	22472	309.00	496
51.00	173504	138.00	495	218.00	2973	310.00	256
52.00	8519	139.00	832	219.00	240	313.00	279
53.00	504	140.00	1821	221.00	22464	314.00	859
55.00	367	141.00	11146	222.00	3002	315.00	2420
56.00	7035	142.00	3404	223.00	1392	316.00	1542
57.00	13852	143.00	1967	224.00	45576	317.00	215
58.00	783	144.00	293	225.00	10520	320.00	366
59.00	176	145.00	1112	226.00	824	321.00	405
60.00	297	146.00	1143	227.00	20072	323.00	6669
61.00	3198	147.00	4831	228.00	1748	324.00	1572
62.00	4627	148.00	11402	229.00	3533	327.00	1101
63.00	8578	149.00	3133	230.00	661	328.00	508
64.00	1012	150.00	759	231.00	1816	330.00	216
65.00	6372	151.00	1465	232.00	524	332.00	179
66.00	373	152.00	996	233.00	383	333.00	576
67.00	897	153.00	3400	234.00	1536	334.00	4104
69.00	298944	154.00	1863	235.00	1385	335.00	712
70.00	938	155.00	5573	236.00	378	339.00	221
72.00	217	156.00	7554	237.00	2038	341.00	824
73.00	2524	157.00	1816	238.00	463	345.00	775
74.00	29640	158.00	1898	239.00	647	346.00	741
75.00	43864	159.00	1526	240.00	929	350.00	290
77.00	301696	160.00	3169	241.00	1851	351.00	208
78.00	20816	161.00	5543	242.00	2563	352.00	1990

Report Date: 17-Dec-2012 09:53:11 Chrom Revision: 2.0 27-Nov-2012 13:14:12
Data File: \\Ncchrom\ChromData\A4HP9\20121215-15876.b\21215001.D\8270 _9.rslt\spectra.d
Injection Date: 15-Dec-2012 11:22:30
Spectrum: Tune Spec: Scans 1487-1489(10.03-10.04) Bgrd 1483(10.0
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 314

m/z	Y	m/z	Y	m/z	Y	m/z	Y
79.00	21560	162.00	859	243.00	1654	353.00	1278
80.00	15988	163.00	513	244.00	34944	354.00	1672
81.00	19344	164.00	698	245.00	4225	355.00	507
82.00	3895	165.00	4337	246.00	7162	359.00	251
83.00	4413	166.00	1069	247.00	1740	361.00	516
84.00	483	167.00	17544	248.00	807	363.00	245
85.00	3339	168.00	7604	249.00	1397	365.00	8472
86.00	5857	169.00	952	250.00	196	366.00	1169
87.00	2351	170.00	484	251.00	510	371.00	428
88.00	730	171.00	818	252.00	1090	372.00	3546
89.00	365	172.00	1465	253.00	2499	373.00	1217
90.00	167	173.00	2188	255.00	164928	374.00	189
91.00	4319	174.00	2911	256.00	26688	383.00	883
92.00	5898	175.00	5692	257.00	2161	384.00	736
93.00	30216	176.00	2347	258.00	10277	391.00	371
94.00	2740	177.00	2449	259.00	1815	401.00	494
95.00	1235	178.00	642	260.00	500	402.00	1667
96.00	1352	179.00	11158	261.00	307	403.00	1243
98.00	17664	180.00	8079	263.00	516	404.00	437
99.00	16364	181.00	4580	265.00	3860	405.00	232
100.00	2202	182.00	935	266.00	790	410.00	169
101.00	8515	183.00	498	267.00	388	416.00	247
102.00	176	184.00	274	269.00	274	418.00	207
103.00	2824	185.00	4114	270.00	721	421.00	1672
104.00	5437	186.00	46936	271.00	605	422.00	1665
105.00	5385	187.00	13238	272.00	247	423.00	10902
107.00	66368	188.00	1760	273.00	5935	424.00	2909
108.00	10455	189.00	3153	274.00	17200	427.00	592
109.00	736	190.00	1463	275.00	71128	428.00	309
110.00	124512	191.00	680	276.00	11817	430.00	1043
111.00	16896	192.00	4679	277.00	5907	432.00	507
112.00	2694	193.00	4911	278.00	442	434.00	788
113.00	813	194.00	1027	279.00	301	435.00	592
116.00	3858	195.00	756	280.00	182	436.00	416

Report Date: 17-Dec-2012 09:53:11 Chrom Revision: 2.0 27-Nov-2012 13:14:12
Data File: \\Ncchrom\ChromData\A4HP9\20121215-15876.b\21215001.D\8270 _9.rslt\spectra.d
Injection Date: 15-Dec-2012 11:22:30
Spectrum: Tune Spec: Scans 1487-1489(10.03-10.04) Bgrd 1483(10.0
Base Peak: 198.00
Minimum % Base Peak: 0
Number of Points: 314

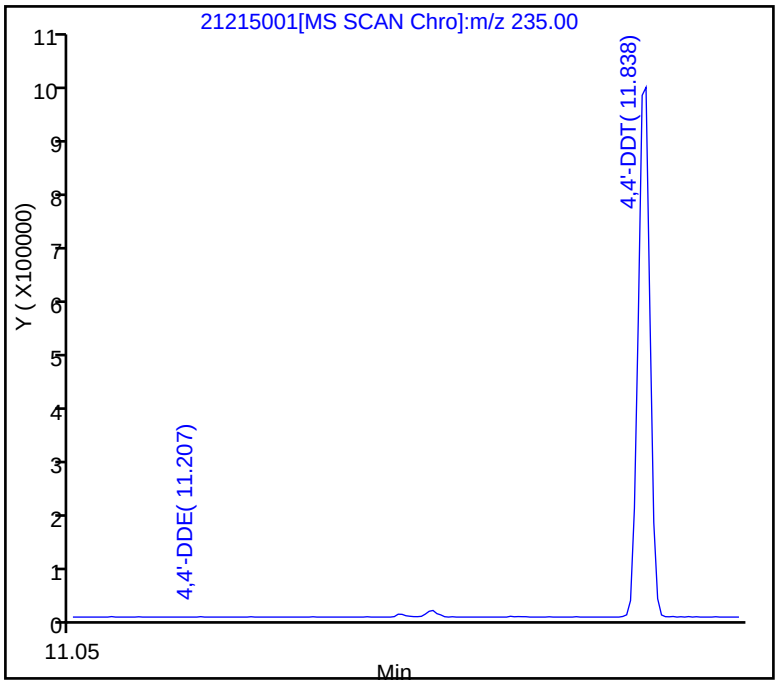
m/z	Y	m/z	Y	m/z	Y	m/z	Y
117.00	49936	196.00	11308	282.00	359	437.00	213
118.00	4126	198.00	336896	283.00	798	438.00	274
119.00	910	199.00	24240	284.00	716	439.00	172
120.00	516	200.00	2122	285.00	819	441.00	17640
121.00	303	201.00	2358	286.00	627	442.00	223424
122.00	4679	202.00	1491	288.00	277	443.00	41008
123.00	5891	203.00	3211	289.00	339	444.00	3658
124.00	3626	204.00	12882	292.00	587	445.00	213
125.00	2810	205.00	25040	293.00	1243	447.00	182
126.00	1303	206.00	89568	294.00	593	460.00	188
127.00	177856	207.00	11090	295.00	680		
128.00	14228	208.00	3697	296.00	19640		

Breakdown Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121215-15876.b\21215001.D		
Injection Date:	15-Dec-2012 11:22:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68844	Lims Sample ID:	1
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

170 4,4'-DDT, Detector: MS SCAN



SW-846 Method

%Breakdown =
(Area Breakdown Cpnds/
Total Area Breakdown Cpnds) * 100

170 4,4'-DDT, Area = 1070733
165 4,4'-DDD, Area = 0
166 4,4'-DDE, Area = 2606

%Breakdown: 0.24%, Max Limit: 20.00%
Passed

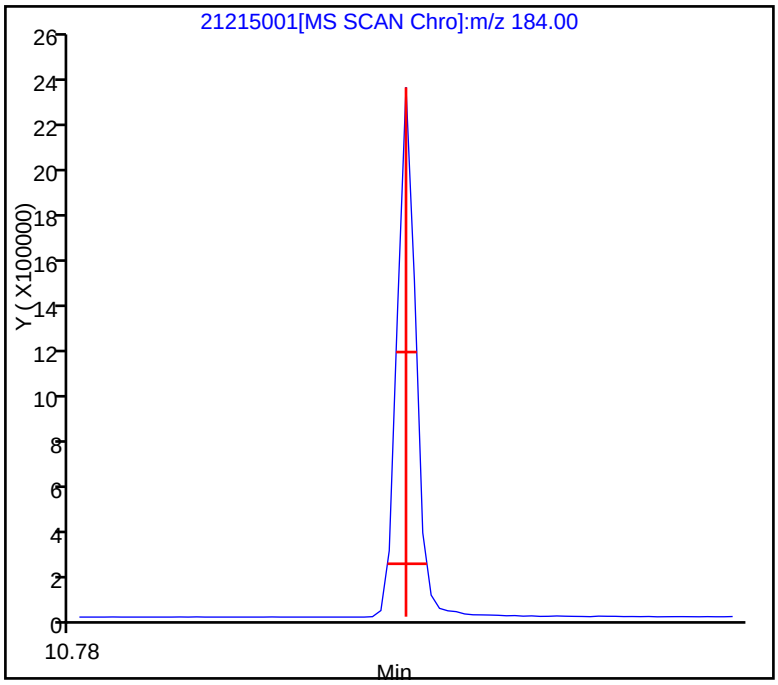
Report Date: 17-Dec-2012 09:53:11 Chrom Revision: 2.0 27-Nov-2012 13:14:12

Peak Tailing Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121215-15876.b\21215001.D		
Injection Date:	15-Dec-2012 11:22:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68844	Lims Sample ID:	1
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

160 Benzidine, Detector: MS SCAN



Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.013 (min.)
Front Width = 0.012 (min.)

Tailing Factor = 1.1, Max. Tailing < 3.00
Passed

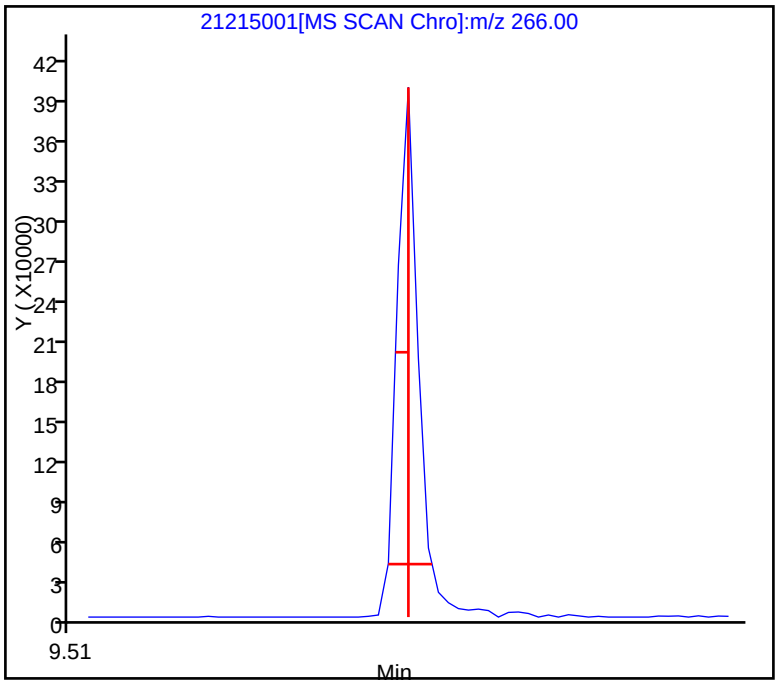
Report Date: 17-Dec-2012 09:53:11 Chrom Revision: 2.0 27-Nov-2012 13:14:12

Peak Tailing Report

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121215-15876.b\21215001.D		
Injection Date:	15-Dec-2012 11:22:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68844	Lims Sample ID:	1
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

143 Pentachlorophenol, Detector: MS SCAN



Peak Tailing Factor =
BackWidth/FrontWidth @ 10% Peak Height

Back Width = 0.013 (min.)
Front Width = 0.011 (min.)

Tailing Factor = 1.2, Max. Tailing < 5.00
Passed

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-65352/23-A

Matrix: Solid | Lab File ID: 21121005.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: 3540C | Date Extracted: 11/16/2012 11:50

Sample wt/vol: 30.00(g) | Date Analyzed: 11/21/2012 12:51

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 65876 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	3.3	U	6.7	3.3	3.3
208-96-8	Acenaphthylene	3.3	U	6.7	3.3	3.3
120-12-7	Anthracene	3.3	U	6.7	3.3	3.3
56-55-3	Benzo[a]anthracene	3.3	U	6.7	3.3	3.3
50-32-8	Benzo[a]pyrene	3.3	U	6.7	3.3	3.3
205-99-2	Benzo[b]fluoranthene	3.3	U	6.7	3.3	3.3
191-24-2	Benzo[g,h,i]perylene	3.3	U	6.7	3.3	3.3
65-85-0	Benzoic acid	330	U	660	330	330
207-08-9	Benzo[k]fluoranthene	3.3	U	6.7	3.3	3.3
100-51-6	Benzyl alcohol	27	U	330	27	21
111-91-1	Bis(2-chloroethoxy)methane	27	U	100	27	22
111-44-4	Bis(2-chloroethyl)ether	3.3	U	100	3.3	2.0
108-60-1	bis (2-chloroisopropyl) ether	27	U	100	27	9.5
117-81-7	Bis(2-ethylhexyl) phthalate	20.5	J	50	27	19
101-55-3	4-Bromophenyl phenyl ether	27	U	50	27	13
85-68-7	Butyl benzyl phthalate	27	U	50	27	10
86-74-8	Carbazole	27	U	50	27	27
106-47-8	4-Chloroaniline	27	U	150	27	17
59-50-7	4-Chloro-3-methylphenol	27	U	150	27	21
91-58-7	2-Chloronaphthalene	3.3	U	50	3.3	3.3
95-57-8	2-Chlorophenol	27	U	50	27	27
7005-72-3	4-Chlorophenyl phenyl ether	27	U	50	27	13
218-01-9	Chrysene	3.3	U	6.7	3.3	1.1
53-70-3	Dibenz(a,h)anthracene	3.3	U	6.7	3.3	3.3
132-64-9	Dibenzofuran	3.3	U	50	3.3	3.3
106-46-7	1,4-Dichlorobenzene	27	U	50	27	20
95-50-1	1,2-Dichlorobenzene	27	U	50	27	9.7
541-73-1	1,3-Dichlorobenzene	27	U	50	27	11
91-94-1	3,3'-Dichlorobenzidine	80	U	100	80	18
120-83-2	2,4-Dichlorophenol	27	U	150	27	20
84-66-2	Diethyl phthalate	27	U	50	27	16
105-67-9	2,4-Dimethylphenol	80	U	150	80	20
131-11-3	Dimethyl phthalate	27	U	50	27	17
84-74-2	Di-n-butyl phthalate	27	U	50	27	15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-65352/23-A

Matrix: Solid | Lab File ID: 21121005.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: 3540C | Date Extracted: 11/16/2012 11:50

Sample wt/vol: 30.00(g) | Date Analyzed: 11/21/2012 12:51

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 65876 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	80	U	150	80	80
51-28-5	2,4-Dinitrophenol	80	U	330	80	80
121-14-2	2,4-Dinitrotoluene	27	U	200	27	27
606-20-2	2,6-Dinitrotoluene	27	U	200	27	21
117-84-0	Di-n-octyl phthalate	27	U	50	27	27
206-44-0	Fluoranthene	3.3	U	6.7	3.3	3.3
86-73-7	Fluorene	3.3	U	6.7	3.3	3.3
118-74-1	Hexachlorobenzene	3.3	U	6.7	3.3	2.1
87-68-3	Hexachlorobutadiene	27	U	50	27	27
77-47-4	Hexachlorocyclopentadiene	27	U	330	27	27
67-72-1	Hexachloroethane	27	U	50	27	9.0
193-39-5	Indeno[1,2,3-cd]pyrene	3.3	U	6.7	3.3	3.3
78-59-1	Isophorone	27	U	50	27	13
91-57-6	2-Methylnaphthalene	3.3	U	6.7	3.3	3.3
95-48-7	2-Methylphenol	80	U	200	80	80
15831-10-4	3 & 4 Methylphenol	80	U	400	80	20
91-20-3	Naphthalene	3.3	U	6.7	3.3	3.3
88-74-4	2-Nitroaniline	27	U	200	27	9.1
99-09-2	3-Nitroaniline	80	U	200	80	16
100-01-6	4-Nitroaniline	27	U	200	27	26
98-95-3	Nitrobenzene	3.3	U	100	3.3	2.2
88-75-5	2-Nitrophenol	27	U	50	27	27
100-02-7	4-Nitrophenol	80	U	330	80	80
621-64-7	N-Nitrosodi-n-propylamine	27	U	50	27	27
86-30-6	N-Nitrosodiphenylamine	27	U	50	27	21
87-86-5	Pentachlorophenol	80	U	150	80	80
85-01-8	Phenanthrene	3.3	U	6.7	3.3	3.3
108-95-2	Phenol	27	U	50	27	27
129-00-0	Pyrene	3.3	U	6.7	3.3	3.3
120-82-1	1,2,4-Trichlorobenzene	27	U	50	27	27
95-95-4	2,4,5-Trichlorophenol	27	U	150	27	25
88-06-2	2,4,6-Trichlorophenol	80	U	150	80	80

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-65352/23-A

Matrix: Solid | Lab File ID: 21121005.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: 3540C | Date Extracted: 11/16/2012 11:50

Sample wt/vol: 30.00(g) | Date Analyzed: 11/21/2012 12:51

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 65876 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	57		45-105
367-12-4	2-Fluorophenol (Surr)	64		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	59		35-100
1718-51-0	Terphenyl-d14 (Surr)	81		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	61		35-125
4165-62-2	Phenol-d5 (Surr)	63		40-100

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121005.D
Lims ID: MB 240-65352/23-A Client ID:
Inject. Date: 21-Nov-2012 12:51:30 Dil. Factor: 1.0000
Sample Type: MB
Sample ID: 240-0015157-005
Misc. Info.: mb 240-65352/23-a =MB 240-65352/23-A
Operator: 001710 Instrument ID: A4HP7
Injection Vol: 1.0 ul ALS Bottle#: 5
Lims Batch ID: 65876 Lims Sample ID: 5
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\8270_hp7.m
Last Update: 23-Nov-2012 10:11:01 Calib Date: 14-Nov-2012 18:19:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP7\20121114-14953.b\21114010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: 5% phenyl Column Dia: 0.18 mm
Process Host: XAWRK037

First Level Reviewer: gruberj Date: 21-Nov-2012 13:08:13

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.863	5.863	0.0	96	149108	4.00	
* 2 Naphthalene-d8	136	6.986	6.986	0.0	99	588766	4.00	
* 3 Acenaphthene-d10	164	8.479	8.479	0.0	93	338025	4.00	
* 4 Phenanthrene-d10	188	9.736	9.736	0.0	97	582676	4.00	
* 5 Chrysene-d12	240	12.255	12.255	0.0	98	570682	4.00	
* 6 Perylene-d12	264	14.298	14.298	0.0	93	465550	4.00	
$ 7 2-Fluorophenol	112	4.606	4.595	0.011	93	439254	9.53	
$ 8 Phenol-d5	99	5.515	5.510	0.005	96	551461	9.42	
$ 9 Nitrobenzene-d5	82	6.355	6.355	0.0	88	305831	5.91	
$ 10 2-Fluorobiphenyl (Surr)	172	7.896	7.896	0.0	99	621417	5.67	
$ 11 2,4,6-Tribromophenol	330	9.142	9.147	-0.005	93	126963	9.08	
$ 12 Terphenyl-d14	244	11.083	11.083	0.0	99	859486	8.13	
16 2,3-Dichlorophenol	1		0.000					
19 Bis(4-hydroxyphenyl)methane	1		0.000					
243 3-(1,1-Dimethylethyl Phenol) TIC	1		0.000					
241 Tricresyl phosphate TIC	1		0.000					
234 2-Isopropylphenol TIC	1		0.000					
240 3-isopropylphenol TIC	1		0.000					
13 Bis(2-hydroxyphenyl)methane	1		0.000					
238 Trimethyl phosphate TIC	1		0.000					
242 Triphenyl Phosphate TIC	1		0.000					
15 Catechol	1		0.000					
14 4-Methylcatechol	1		0.000					
239 2,3,7,8 TCDF TIC	1		0.000					
237 Tris(2,3-dibromopropyl)phosphate	1		0.000					
17 4-Chlorophenol	1		0.000					
23 Octachlorocyclopentene	1		0.000					
235 2,3,7,8-TCDD TIC	1		0.000					
22 3-Methylcatechol	1		0.000					
20 2,5-Dichlorophenol	1		0.000					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
236 4-isopropylphenol TIC	1		0.000					
21 Octachlorostyrene	1		0.000					
24 1,4-Dioxane	88		2.322					
25 N-Nitrosodimethylamine	74		2.761					
26 Pyridine	79		2.825					9
232 1-Methyl-2-pyrrilidinone	99		3.271					
27 Ethyl methacrylate	69		3.515					9
18 Dimethylformamide	73		3.545					
28 3-Chloropropionitrile	54		3.916					
30 2-Picoline	93		3.964					
31 N-Nitrosomethylethylamine	88		4.103					
32 Malononitrile	66		4.280					9
33 Acrylamide	71	4.440	4.401	0.039	15	63	0	
34 Methyl methanesulfonate	80		4.451					
29 3-Picoline	93		4.510					9
233 n,n'-Dimethylacetamide	44	4.574	4.536	0.038	0	271	0	
35 N-Nitrosodiethylamine	102		4.868					
36 Ethyl methanesulfonate	79		5.162					9
37 2-Methylcyclohexanone	68	5.392	5.376	0.016	1	83	0	
38 3-Methylcyclohexanone	69	5.425	5.414	0.011	1	227	0	
39 4-Methylcyclohexanone	55	5.457	5.462	-0.005	1	802	0	
40 Benzaldehyde	77		5.467					9
41 Phenol	94		5.521					
42 Phenylmercaptan	110		5.524					
43 Aniline	93		5.564					
44 Bis(2-chloroethyl)ether	93		5.617					9
45 Pentachloroethane	167		5.633					
46 2-Chlorophenol	128		5.671					9
47 1,3-Dichlorobenzene	146		5.815					
48 1,4-Dichlorobenzene	146		5.879					
49 Benzyl alcohol	108		5.981					9
50 1,2-Dichlorobenzene	146		6.018					
51 2-Methylphenol	108		6.072					9
52 2,2'-oxybis[1-chloropropane]	45		6.098					9
53 Indene	115		6.107					
191 3 & 4 Methylphenol	108		6.200					
56 N-Nitrosodi-n-propylamine	70		6.211					
55 N-Nitrosopyrrolidine	100		6.216					
57 Acetophenone	105		6.216					9
58 N-Nitrosomorpholine	56		6.248					9
59 2-Toluidine	106		6.269					
60 Hexachloroethane	117		6.323					
61 Nitrobenzene	77		6.371					9
62 N-Nitrosopiperidine	114		6.521					
63 Isophorone	82		6.574					9
65 2-Nitrophenol	139		6.649					
66 1,3,5-Trichlorobenzene	180		6.660					
64 2,4-Dimethylphenol	107		6.671					
69 Benzoic acid	122		6.735					9
67 o,o',o''-Triethylphosphorothioat	198		6.740					
68 Bis(2-chloroethoxy)methane	93		6.756					
71 2,4-Dichlorophenol	162		6.853					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
70 alpha,alpha-Dimethyl phenethylam	58		6.863					9
72 1,2,4-Trichlorobenzene	180		6.933					
73 Naphthalene	128		7.002					9
74 4-Chloroaniline	127		7.040					
75 2,6-Dichlorophenol	162		7.066					
76 Hexachloropropene	213		7.093					
77 Hexachlorobutadiene	225		7.104					
78 1,2,3-Trichlorobenzene	180		7.125					
79 Benzothiazole	135		7.235					
80 Quinoline	129		7.300					
83 Caprolactam	113		7.323					9
81 N-Nitrosodi-n-butylamine	84		7.328					
82 p-Phenylene diamine	108		7.355					
84 4-Chloro-3-methylphenol	107		7.436					
93 Safrole, Total	162		7.521					
85 2-Methylnaphthalene	142		7.596					
86 1-Methylnaphthalene	142		7.682					
87 1,2,3,5-Tetrachlorobenzene	216		7.719					
88 Hexachlorocyclopentadiene	237		7.724					
89 1,2,4,5-Tetrachlorobenzene	216		7.751					
225 Isosafrole Peak 1	162		7.767					
90 2,4,6-Trichlorophenol	196		7.826					
91 2,4,5-Trichlorophenol	196		7.853					
227 Isosafrole Peak 2	162		7.960					
94 2,4-Toluene diamine	121		7.965					9
96 1,2,3,4 -Tetrachlorobenzene	216		7.976					9
95 1,1'-Biphenyl	154		7.987					9
98 2-Chloronaphthalene	162		8.008					
97 3,4-Dichloronitrobenzene	109		8.022					9
99 Phenyl ether	170		8.081					
100 2-Nitroaniline	65		8.083					9
101 1,4-Naphthoquinone	158		8.168					
102 1,4-Dinitrobenzene	168		8.211					
103 Dimethyl phthalate	163		8.222					
104 1,3-Dinitrobenzene	168		8.275					
105 2,6-Dinitrotoluene	165		8.281					
106 1,2-Dinitrobenzene	168		8.329					
107 Acenaphthylene	152		8.361					
108 3-Nitroaniline	138		8.425					
110 Acenaphthene	153		8.511					
109 2,4-Dinitrophenol	184		8.516					
111 4-Nitrophenol	109		8.548					9
112 2,4-Dinitrotoluene	165		8.623					9
113 Pentachlorobenzene	250		8.633					
114 Dibenzofuran	168		8.655					
115 2,3,5,6-Tetrachlorophenol	232		8.709					
116 1-Naphthylamine	143		8.735					
117 2,3,4,6-Tetrachlorophenol	232		8.762					
118 2-Naphthylamine	143		8.799					
119 Diethyl phthalate	149		8.816					9
120 Thionazin	97		8.901					
121 4-Chlorophenyl phenyl ether	204		8.928					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
123 4-Nitroaniline	138		8.944					
124 Fluorene	166		8.944					
122 N-Nitro-o-toluidine	152		8.954					
126 4,6-Dinitro-2-methylphenol	198		8.965					
125 Tributyl phosphate	99		8.992					9
130 N-Nitrosodiphenylamine	169		9.024					
128 Diphenylamine	169		9.040					
131 Azobenzene	77		9.062					
129 1,2-Diphenylhydrazine	77		9.062					
132 Sulfotepp	202		9.152					
133 1,3,5-Trinitrobenzene	213		9.238					
228 Diallate Peak 1	86		9.275					1
135 Phenacetin	108		9.281					
136 Phorate	121		9.286					
137 4-Bromophenyl phenyl ether	248		9.345					
230 Diallate Peak 2	86		9.356					1
139 Hexachlorobenzene	284		9.409					
138 Dimethoate	87		9.430					
140 Atrazine	200		9.457					
141 Pentachlorophenol	266		9.564					
127 4-Aminobiphenyl	169		9.575					
143 Pentachloronitrobenzene	237		9.591					
142 Pronamide	173		9.607					
145 Dinoseb	211		9.719					
144 Disulfoton	88		9.725					9
146 Phenanthrene	178		9.757					9
147 Anthracene	178		9.800					9
149 Carbazole	167		9.928					
150 Methyl parathion	109		10.045					
151 Di-n-butyl phthalate	149		10.185					
152 Diphenylsulfone	125		10.209					
153 Ethyl Parathion	97		10.366					9
154 4-Nitroquinoline-1-oxide	190		10.420					
155 Methapyrilene	58		10.463					
156 Isodrin	66		10.655					
157 Fluoranthene	202		10.762					
158 Benzidine	184		10.859					
160 Pyrene	202		10.971					
164 4,4'-DDE	246		11.019					
226 Aramite Peak 1	185		11.056					
229 Aramite Peak 2	185		11.126					
161 p-Dimethylamino azobenzene	225		11.233					
162 Chlorobenzilate	139		11.265					9
163 4,4'-DDD	235		11.388					9
165 Famphur	218		11.522					
166 Butyl benzyl phthalate	149		11.549					9
167 3,3'-Dimethylbenzidine	212		11.581					
168 4,4'-DDT	235		11.672					9
169 2-Acetylaminofluorene	181		11.859					9
170 3,3'-Dimethoxybenzidine	244		12.148					
173 3,3'-Dichlorobenzidine	252		12.191					
172 4,4'-Methylene bis(2-chloroanili	231		12.191					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
171 Bis(2-ethylhexyl) phthalate	149	12.207	12.207	0.0	85	12065	0.3069	
175 Benzo[a]anthracene	228		12.244					9
176 Chrysene	228		12.287					9
174 Hexabromobenzene	232		12.290					
177 6-Methylchrysene	242		12.894					
178 Di-n-octyl phthalate	149		13.100					
180 Benzo[b]fluoranthene	252		13.726					
179 7,12-Dimethylbenz(a)anthracene	256		13.736					
181 Benzo[k]fluoranthene	252		13.763					
182 Benzo[a]pyrene	252		14.212					9
183 3-Methylcholanthrene	268		14.774					9
184 Dibenz[a,j]acridine	279		15.595					
185 Dibenz[a,h]acridine	279		15.670					
186 Indeno[1,2,3-cd]pyrene	276		15.929					
187 Dibenz(a,h)anthracene	278		15.956					
188 Benzo[g,h,i]perylene	276		16.362					
S 189 Methyl Phenols,Total	100		0.000					7
S 92 Isosafrole	162		5.138					7
S 134 Diallate	86		6.337					7
S 159 Aramite, Total	185		7.806					7
T 195 Hexamethylphosphoramide TIC	1		0.000					1
T 193 Hydroquinone TIC	110		0.000					1
T 231 2,3,7,8-TCDD	1		0.000					1
T 192 Decane TIC	142	2.964	3.050	-0.086	1	199	0	
T 194 Octadecane (TIC)	254		6.300					1
T 196 Kepone TIC	1		8.281					1
T 197 Hexachlorophene TIC	1		9.269					1

QC Flag Legend

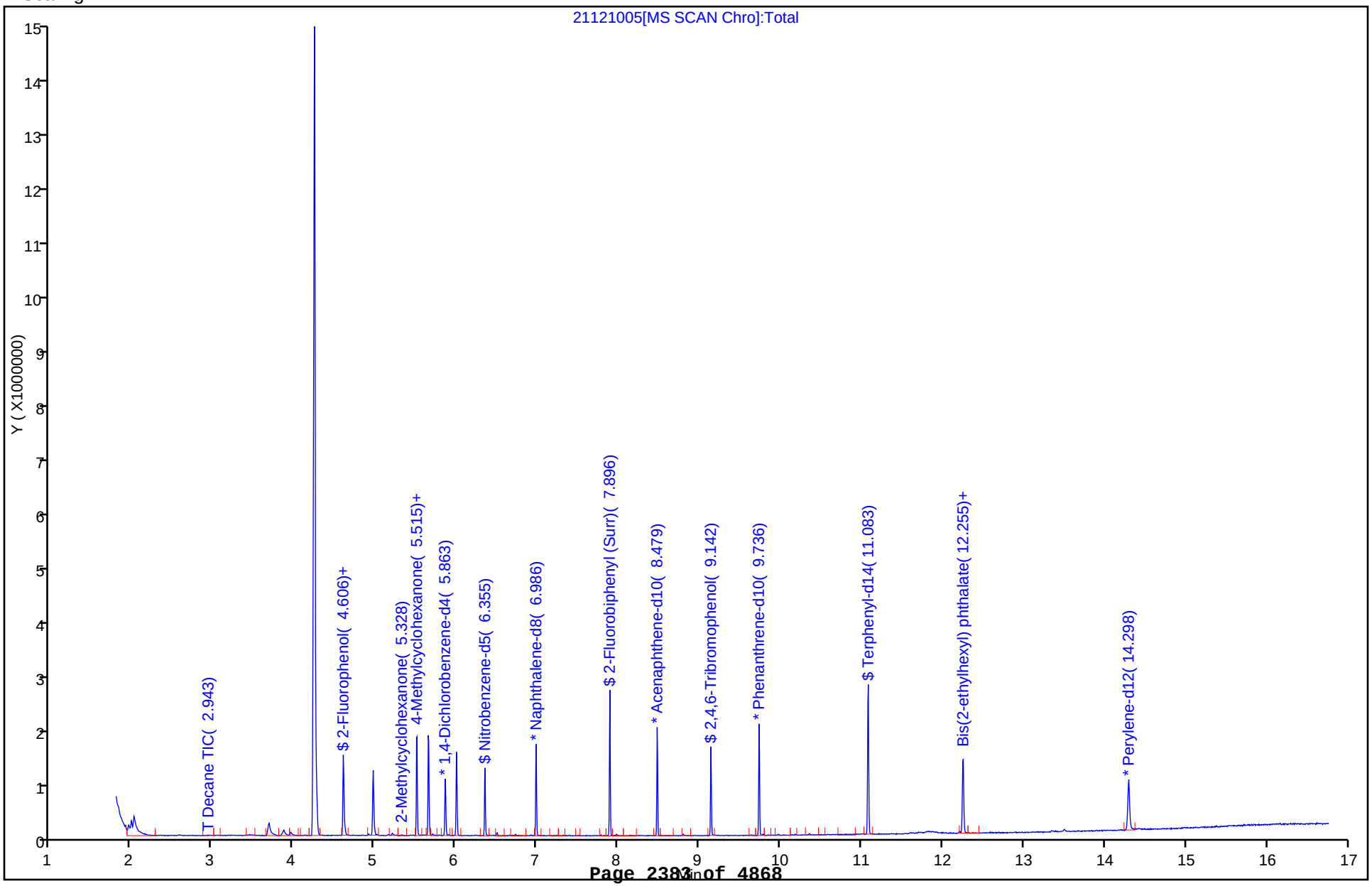
Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

Report Date: 23-Nov-2012 10:11:24 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121005.D		
Injection Date:	21-Nov-2012 12:51:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	5
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



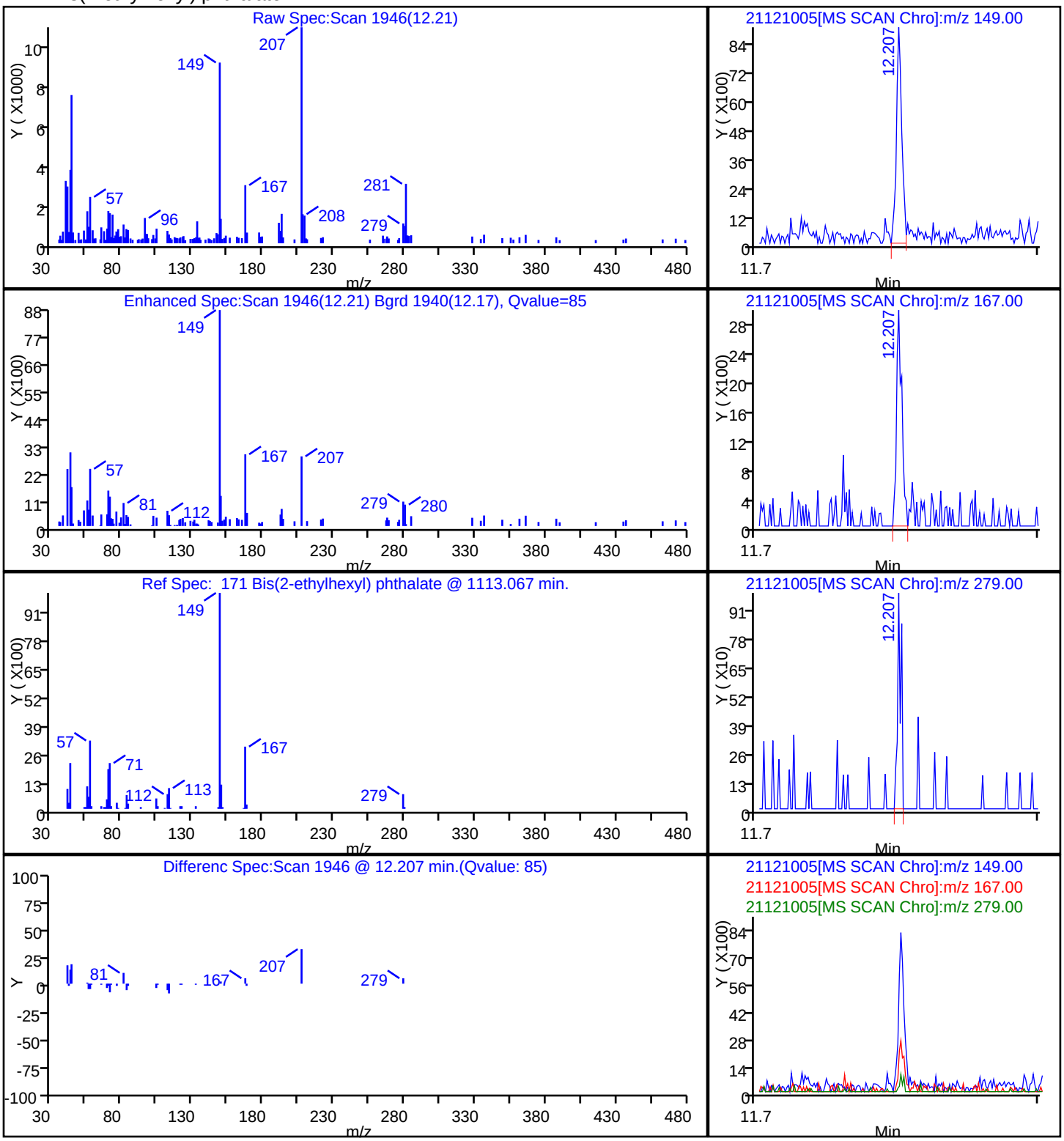
Report Date: 23-Nov-2012 10:11:24 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121005.D

Injection Date:	21-Nov-2012 12:51:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	5
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

171 Bis(2-ethylhexyl) phthalate



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-65386/21-A

Matrix: Solid | Lab File ID: 21129004.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: 3540C | Date Extracted: 11/16/2012 13:26

Sample wt/vol: 30.00(g) | Date Analyzed: 11/29/2012 09:13

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66702 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	3.3	U	6.7	3.3	3.3
208-96-8	Acenaphthylene	3.3	U	6.7	3.3	3.3
120-12-7	Anthracene	3.3	U	6.7	3.3	3.3
56-55-3	Benzo[a]anthracene	3.3	U	6.7	3.3	3.3
50-32-8	Benzo[a]pyrene	3.3	U	6.7	3.3	3.3
205-99-2	Benzo[b]fluoranthene	3.3	U	6.7	3.3	3.3
191-24-2	Benzo[g,h,i]perylene	3.3	U	6.7	3.3	3.3
65-85-0	Benzoic acid	330	U	660	330	330
207-08-9	Benzo[k]fluoranthene	3.3	U	6.7	3.3	3.3
100-51-6	Benzyl alcohol	27	U	330	27	21
111-91-1	Bis(2-chloroethoxy)methane	27	U	100	27	22
111-44-4	Bis(2-chloroethyl)ether	3.3	U	100	3.3	2.0
108-60-1	bis (2-chloroisopropyl) ether	27	U	100	27	9.5
117-81-7	Bis(2-ethylhexyl) phthalate	27	U	50	27	19
101-55-3	4-Bromophenyl phenyl ether	27	U	50	27	13
85-68-7	Butyl benzyl phthalate	27	U	50	27	10
86-74-8	Carbazole	27	U	50	27	27
106-47-8	4-Chloroaniline	27	U	150	27	17
59-50-7	4-Chloro-3-methylphenol	27	U	150	27	21
91-58-7	2-Chloronaphthalene	3.3	U	50	3.3	3.3
95-57-8	2-Chlorophenol	27	U	50	27	27
7005-72-3	4-Chlorophenyl phenyl ether	27	U	50	27	13
218-01-9	Chrysene	3.3	U	6.7	3.3	1.1
53-70-3	Dibenz(a,h)anthracene	3.3	U	6.7	3.3	3.3
132-64-9	Dibenzofuran	3.3	U	50	3.3	3.3
106-46-7	1,4-Dichlorobenzene	27	U	50	27	20
95-50-1	1,2-Dichlorobenzene	27	U	50	27	9.7
541-73-1	1,3-Dichlorobenzene	27	U	50	27	11
91-94-1	3,3'-Dichlorobenzidine	80	U	100	80	18
120-83-2	2,4-Dichlorophenol	27	U	150	27	20
84-66-2	Diethyl phthalate	27	U	50	27	16
105-67-9	2,4-Dimethylphenol	80	U	150	80	20
131-11-3	Dimethyl phthalate	27	U	50	27	17
84-74-2	Di-n-butyl phthalate	27	U	50	27	15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-65386/21-A

Matrix: Solid | Lab File ID: 21129004.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: 3540C | Date Extracted: 11/16/2012 13:26

Sample wt/vol: 30.00(g) | Date Analyzed: 11/29/2012 09:13

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66702 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	80	U	150	80	80
51-28-5	2,4-Dinitrophenol	80	U	330	80	80
121-14-2	2,4-Dinitrotoluene	27	U	200	27	27
606-20-2	2,6-Dinitrotoluene	27	U	200	27	21
117-84-0	Di-n-octyl phthalate	27	U	50	27	27
206-44-0	Fluoranthene	3.3	U	6.7	3.3	3.3
86-73-7	Fluorene	3.3	U	6.7	3.3	3.3
118-74-1	Hexachlorobenzene	3.3	U	6.7	3.3	2.1
87-68-3	Hexachlorobutadiene	27	U	50	27	27
77-47-4	Hexachlorocyclopentadiene	27	U	330	27	27
67-72-1	Hexachloroethane	27	U	50	27	9.0
193-39-5	Indeno[1,2,3-cd]pyrene	3.3	U	6.7	3.3	3.3
78-59-1	Isophorone	27	U	50	27	13
91-57-6	2-Methylnaphthalene	3.3	U	6.7	3.3	3.3
95-48-7	2-Methylphenol	80	U	200	80	80
15831-10-4	3 & 4 Methylphenol	80	U	400	80	20
91-20-3	Naphthalene	3.3	U	6.7	3.3	3.3
88-74-4	2-Nitroaniline	27	U	200	27	9.1
99-09-2	3-Nitroaniline	80	U	200	80	16
100-01-6	4-Nitroaniline	27	U	200	27	26
98-95-3	Nitrobenzene	3.3	U	100	3.3	2.2
88-75-5	2-Nitrophenol	27	U	50	27	27
100-02-7	4-Nitrophenol	80	U	330	80	80
621-64-7	N-Nitrosodi-n-propylamine	27	U	50	27	27
86-30-6	N-Nitrosodiphenylamine	27	U	50	27	21
87-86-5	Pentachlorophenol	80	U	150	80	80
85-01-8	Phenanthrene	3.3	U	6.7	3.3	3.3
108-95-2	Phenol	27	U	50	27	27
129-00-0	Pyrene	3.3	U	6.7	3.3	3.3
120-82-1	1,2,4-Trichlorobenzene	27	U	50	27	27
95-95-4	2,4,5-Trichlorophenol	27	U	150	27	25
88-06-2	2,4,6-Trichlorophenol	80	U	150	80	80

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 240-65386/21-A

Matrix: Solid | Lab File ID: 21129004.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: 3540C | Date Extracted: 11/16/2012 13:26

Sample wt/vol: 30.00(g) | Date Analyzed: 11/29/2012 09:13

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66702 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	75		45-105
367-12-4	2-Fluorophenol (Surr)	78		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	81		35-100
1718-51-0	Terphenyl-d14 (Surr)	86		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	67		35-125
4165-62-2	Phenol-d5 (Surr)	84		40-100

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129004.D
Lims ID: MB 240-65386/21-A Client ID:
Inject. Date: 29-Nov-2012 09:13:30 Dil. Factor: 1.0000
Sample Type: MB
Sample ID: 240-0015370-004
Misc. Info.: MB 240-65386/21-A =MB 240-65386/21-A
Operator: 001574 Instrument ID: A4HP9
Injection Vol: 1.0 ul ALS Bottle#: 4
Lims Batch ID: 66702 Lims Sample ID: 4
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121129-15370.b\8270 _9.m
Last Update: 29-Nov-2012 12:55:48 Calib Date: 28-Nov-2012 18:11:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121128-15348.b\21127110.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: 5% phenyl Column Dia: 0.18 mm
Process Host: XAWRK030

First Level Reviewer: ulmanm Date: 29-Nov-2012 09:49:14

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.903	5.907	-0.004	92	59952	4.00	
* 2 Naphthalene-d8	136	7.015	7.013	0.002	98	247612	4.00	
* 3 Acenaphthene-d10	164	8.505	8.503	0.002	77	154630	4.00	
* 4 Phenanthrene-d10	188	9.760	9.764	-0.004	76	257678	4.00	
* 5 Chrysene-d12	240	12.303	12.307	-0.004	79	247660	4.00	
* 6 Perylene-d12	264	14.371	14.374	-0.003	95	208652	4.00	
$ 7 2-Fluorophenol	112	4.680	4.662	0.018	91	281385	11.7	
$ 8 Phenol-d5	99	5.551	5.544	0.007	0	420803	12.6	
$ 9 Nitrobenzene-d5	82	6.384	6.388	-0.004	84	282771	8.12	
$ 10 2-Fluorobiphenyl (Surr)	172	7.917	7.921	-0.004	99	354597	7.55	
$ 11 2,4,6-Tribromophenol	330	9.167	9.171	-0.004	86	56162	10.1	
$ 12 Terphenyl-d14	244	11.117	11.121	-0.004	96	421645	8.58	
20 Dimethylformamide	1		0.000					
19 Octachlorostyrene	1		0.000					
22 Bis(2-hydroxyphenyl)methane	1		0.000					
13 Octachlorocyclopentene	1		0.000					
23 2,5-Dichlorophenol	1		0.000					
18 Bis(4-hydroxyphenyl)methane	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
31 2-Picoline	93		2.310					
32 N-Nitrosomethylethylamine	88		2.374					
25 1,4-Dioxane	88		2.520					
34 Methyl methanesulfonate	80		2.587					
30 3-Picoline	93		2.651					
233 n,n'-Dimethylacetamide	44		2.662					
35 Acrylamide	71		2.744					
36 N-Nitrosodiethylamine	102		2.897					
26 N-Nitrosodimethylamine	74		2.969					
27 Pyridine	79		3.027					9
37 Ethyl methanesulfonate	79		3.105					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
38 2-Methylcyclohexanone	68		3.292					
39 3-Methylcyclohexanone	69		3.319					
40 4-Methylcyclohexanone	55		3.356					
45 Pentachloroethane	167		3.501					
42 Phenylmercaptan	110		3.596					
28 Ethyl methacrylate	69		3.658					9
232 1-Methyl-2-pyrrilidinone	99		3.880					
56 N-Nitrosopyrrolidine	100		3.992					
59 N-Nitrosomorpholine	56		4.013					
29 3-Chloropropionitrile	54		4.021					
60 2-Toluidine	106		4.040					
52 Indene	115		4.084					
63 N-Nitrosopiperidine	114		4.254					
33 Malononitrile	66		4.352					9
68 o,o',o''-Triethylphosphorothioat	198		4.435					
17 4-Chlorophenol	128		4.500					
24 Catechol	110		4.592					9
72 alpha,alpha-Dimethyl phenethylam	58		4.601					9
77 2,6-Dichlorophenol	162		4.729					
78 Hexachloropropene	213		4.756					
15 3-Methylcatechol	124		4.913					
83 N-Nitrosodi-n-butylamine	84		4.953					9
85 p-Phenylene diamine	108		4.969					
14 4-Methylcatechol	124		5.036					
81 Benzothiazole	135		5.046					
82 Quinoline	129		5.099					
94 Safrole, Total	162		5.119					
91 1,2,4,5-Tetrachlorobenzene	216		5.327					
225 Isosafrole Peak 1	162		5.333					
227 Isosafrole Peak 2	162		5.498					
41 Benzaldehyde	77		5.512					9
43 Phenol	94		5.560					
44 Aniline	93		5.602					
69 Bis(2-chloroethyl)ether	93		5.656					
103 1,4-Naphthoquinone	158		5.680					
46 2-Chlorophenol	128		5.709					
104 1,4-Dinitrobenzene	168		5.712					
96 3,4-Dichloronitrobenzene	109		5.725					
106 1,3-Dinitrobenzene	168		5.771					
101 Phenyl ether	170		5.773					
47 1,3-Dichlorobenzene	146		5.853					
48 1,4-Dichlorobenzene	146		5.918					
49 Benzyl alcohol	108		6.014					9
50 1,2-Dichlorobenzene	146		6.056					
115 Pentachlorobenzene	250		6.091					
51 2-Methylphenol	108		6.099					9
53 2,2'-oxybis[1-chloropropane]	45		6.137					
117 1-Naphthylamine	143		6.166					
119 2,3,4,6-Tetrachlorophenol	232		6.203					
120 2-Naphthylamine	143		6.225					
21 3 & 4 Methylphenol	108		6.233					
57 N-Nitrosodi-n-propylamine	70		6.243					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
58 Acetophenone	105		6.249					
122 Thionazin	97		6.305					
61 Hexachloroethane	117		6.356					
124 N-Nitro-o-toluidine	152		6.358					
127 Tributyl phosphate	99		6.379					9
62 Nitrobenzene	77		6.404					9
130 Diphenylamine	169		6.428					
134 Sulfotepp	202		6.518					
64 Isophorone	82		6.607					9
135 1,3,5-Trinitrobenzene	213		6.614					
228 Diallate Peak 1	86		6.630					
138 Phorate	121		6.636					
137 Phenacetin	108		6.641					
66 2-Nitrophenol	139		6.676					
67 1,3,5-Trichlorobenzene	180		6.692					
230 Diallate Peak 2	86		6.695					
65 2,4-Dimethylphenol	107		6.697					
71 Benzoic acid	122		6.756					
140 Dimethoate	87		6.764					
70 Bis(2-chloroethoxy)methane	93		6.783					
73 2,4-Dichlorophenol	162		6.879					
129 4-Aminobiphenyl	169		6.892					
144 Pronamide	173		6.919					
145 Pentachloronitrobenzene	237		6.919					
74 1,2,4-Trichlorobenzene	180		6.959					
146 Disulfoton	88		7.010					9
147 Dinoseb	211		7.020					
75 Naphthalene	128		7.034					
76 4-Chloroaniline	127		7.066					
79 Hexachlorobutadiene	225		7.130					
80 1,2,3-Trichlorobenzene	180		7.152					
152 Methyl parathion	109		7.282					
84 Caprolactam	113		7.349					
86 4-Chloro-3-methylphenol	107		7.456					
155 Ethyl Parathion	97		7.560					
156 4-Nitroquinoline-1-oxide	190		7.613					
153 Diphenylsulfone	125		7.616					
87 2-Methylnaphthalene	142		7.622					
157 Methapyrilene	58		7.645					
88 1-Methylnaphthalene	142		7.702					
90 1,2,3,5-Tetrachlorobenzene	216		7.745					
89 Hexachlorocyclopentadiene	237		7.750					
158 Isodrin	66		7.816					
92 2,4,6-Trichlorophenol	196		7.846					
93 2,4,5-Trichlorophenol	196		7.878					
97 2,4-Toluene diamine	121		7.990					9
99 1,2,3,4 -Tetrachlorobenzene	216		8.001					
98 1,1'-Biphenyl	154		8.012					
100 2-Chloronaphthalene	162		8.033					
102 2-Nitroaniline	65		8.108					
226 Aramite Peak 1	185		8.131					
229 Aramite Peak 2	185		8.185					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
105 Dimethyl phthalate	163		8.247					
163 p-Dimethylamino azobenzene	225		8.276					
164 Chlorobenzilate	139		8.297					
107 2,6-Dinitrotoluene	165		8.305					
108 1,2-Dinitrobenzene	168		8.354					
109 Acenaphthylene	152		8.391					
110 3-Nitroaniline	138		8.450					
167 Famphur	218		8.473					
169 3,3'-Dimethylbenzidine	212		8.516					
111 2,4-Dinitrophenol	184		8.535					
112 Acenaphthene	153		8.535					
113 4-Nitrophenol	109		8.567					
114 2,4-Dinitrotoluene	165		8.647					
116 Dibenzofuran	168		8.679					
171 2-Acetylaminofluorene	181		8.713					
118 2,3,5,6-Tetrachlorophenol	232		8.733					
121 Diethyl phthalate	149		8.840					
123 4-Chlorophenyl phenyl ether	204		8.957					
125 4-Nitroaniline	138		8.968					
126 Fluorene	166		8.968					
128 4,6-Dinitro-2-methylphenol	198		8.989					
131 N-Nitrosodiphenylamine	169		9.048					
132 1,2-Diphenylhydrazine	77		9.091					9
133 Azobenzene	77		9.091					9
176 Hexabromobenzene	232		9.208					
139 4-Bromophenyl phenyl ether	248		9.374					
141 Hexachlorobenzene	284		9.433					
142 Atrazine	200		9.481					
179 6-Methylchrysene	242		9.576					
143 Pentachlorophenol	266		9.593					
148 Phenanthrene	178		9.785					
149 Anthracene	178		9.828					
181 7,12-Dimethylbenz(a)anthracene	256		9.856					
151 Carbazole	167		9.951					
154 Di-n-butyl phthalate	149		10.213					9
185 3-Methylcholanthrene	268		10.594					
159 Fluoranthene	202		10.795					
160 Benzidine	184		10.891					
161 Pyrene	202		11.003					
166 4,4'-DDE	246		11.061					9
165 4,4'-DDD	235		11.430					
168 Butyl benzyl phthalate	149		11.596					
170 4,4'-DDT	235		11.718					
187 Dibenz[a,h]acridine	279		11.729					
186 Dibenz[a,j]acridine	279		11.804					
172 3,3'-Dimethoxybenzidine	244		12.200					
174 4,4'-Methylene bis(2-chloroanili	231		12.243					9
175 3,3'-Dichlorobenzidine	252		12.243					
173 Bis(2-ethylhexyl) phthalate	149		12.269					9
177 Benzo[a]anthracene	228		12.296					
178 Chrysene	228		12.344					
180 Di-n-octyl phthalate	149		13.177					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
182 Benzo[b]fluoranthene	252		13.797					
183 Benzo[k]fluoranthene	252		13.835					
184 Benzo[a]pyrene	252		14.294					
188 Indeno[1,2,3-cd]pyrene	276		16.030					
189 Dibenz(a,h)anthracene	278		16.057					
190 Benzo[g,h,i]perylene	276		16.474					
S 191 Methyl Phenols,Total	100		0.000					7
S 95 Isosafrole	162		5.568					7
S 136 Diallate	86		6.701					7
S 162 Aramite, Total	185		8.271					7
T 192 Octadecane (TIC)	57		0.000					1
T 195 Hydroquinone TIC	110		0.000					1
T 194 Decane TIC	57		0.000					1
T 240 Trimethyl phosphate TIC	110		3.120					1
T 234 2-Isopropylphenol TIC	121		4.623					1
T 236 3-isopropylphenol TIC	121		4.756					1
T 235 4-isopropylphenol TIC	121		4.756					1
T 193 Hexamethylphosphoramide TIC	135		5.100					1
T 237 3-(1,1-Dimethylethyl Phenol) TIC	135		5.110					1
T 196 Kepone TIC	272		8.281					1
T 242 Triphenyl Phosphate TIC	326		8.700					1
T 238 2,3,7,8-TCDD TIC	1		9.000					1
T 231 2,3,7,8-TCDD	322		9.150					1
T 197 Hexachlorophene TIC	198		9.269					
T 241 Tricresyl phosphate TIC	368		9.372					1
T 239 Tris(2,3-dibromopropyl)phosphate	201		10.600					1

QC Flag Legend

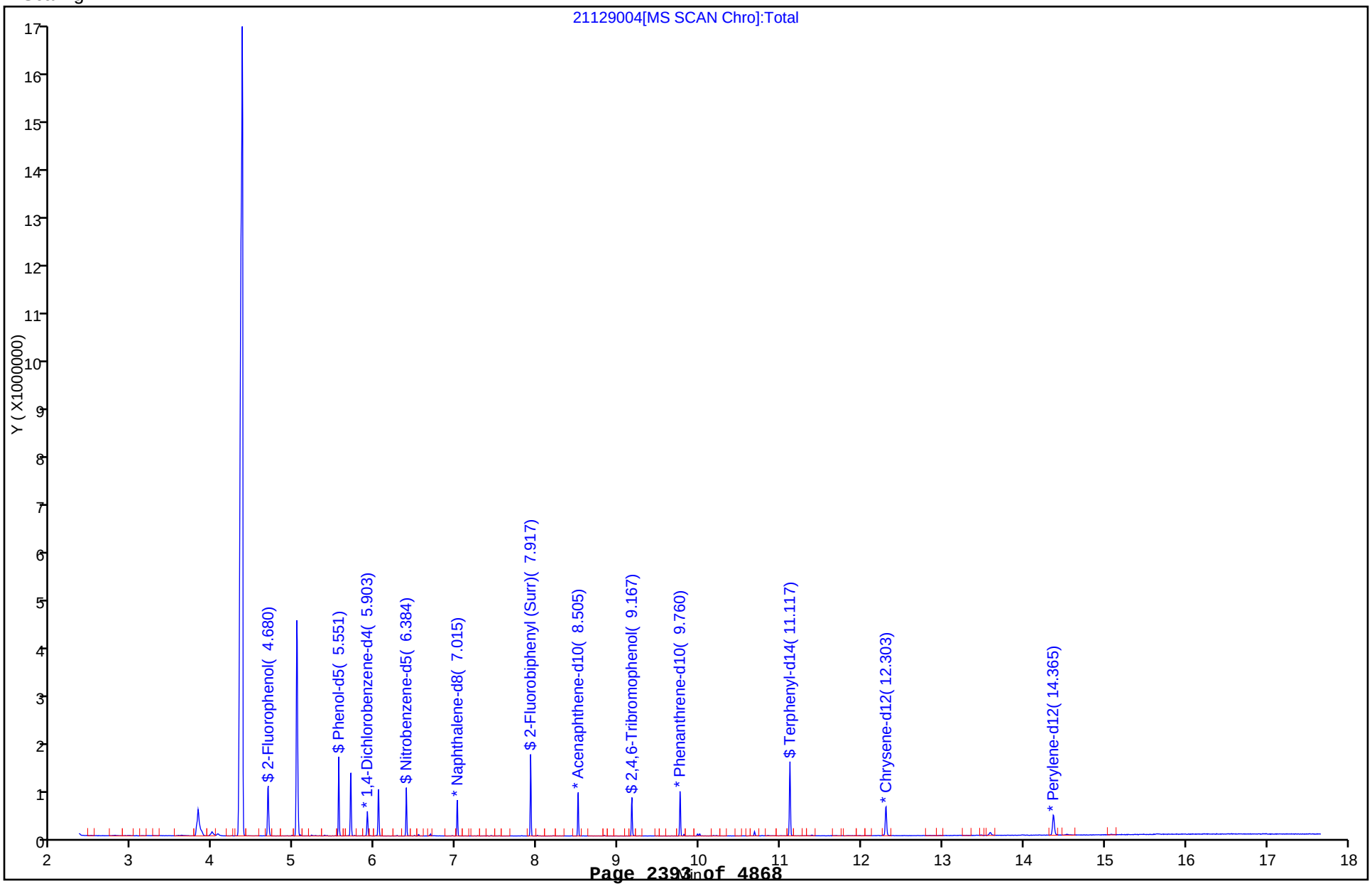
Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

Report Date: 29-Nov-2012 12:55:51 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129004.D		
Injection Date:	29-Nov-2012 09:13:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	66702	Lims Sample ID:	4
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-65352/24-A

Matrix: Solid | Lab File ID: 21121006.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: 3540C | Date Extracted: 11/16/2012 11:50

Sample wt/vol: 30.00(g) | Date Analyzed: 11/21/2012 13:15

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 65876 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	480		6.7	3.3	3.3
208-96-8	Acenaphthylene	478		6.7	3.3	3.3
120-12-7	Anthracene	491		6.7	3.3	3.3
56-55-3	Benzo[a]anthracene	511		6.7	3.3	3.3
50-32-8	Benzo[a]pyrene	432		6.7	3.3	3.3
205-99-2	Benzo[b]fluoranthene	495		6.7	3.3	3.3
191-24-2	Benzo[g,h,i]perylene	545		6.7	3.3	3.3
65-85-0	Benzoic acid	330	U	660	330	330
207-08-9	Benzo[k]fluoranthene	504		6.7	3.3	3.3
100-51-6	Benzyl alcohol	486		330	27	21
111-91-1	Bis(2-chloroethoxy)methane	452		100	27	22
111-44-4	Bis(2-chloroethyl)ether	463		100	3.3	2.0
108-60-1	bis (2-chloroisopropyl) ether	462		100	27	9.5
117-81-7	Bis(2-ethylhexyl) phthalate	494		50	27	19
101-55-3	4-Bromophenyl phenyl ether	506		50	27	13
85-68-7	Butyl benzyl phthalate	504		50	27	10
86-74-8	Carbazole	490		50	27	27
106-47-8	4-Chloroaniline	359		150	27	17
59-50-7	4-Chloro-3-methylphenol	523		150	27	21
91-58-7	2-Chloronaphthalene	465		50	3.3	3.3
95-57-8	2-Chlorophenol	470		50	27	27
7005-72-3	4-Chlorophenyl phenyl ether	501		50	27	13
218-01-9	Chrysene	524		6.7	3.3	1.1
53-70-3	Dibenz(a,h)anthracene	491		6.7	3.3	3.3
132-64-9	Dibenzofuran	490		50	3.3	3.3
106-46-7	1,4-Dichlorobenzene	444		50	27	20
95-50-1	1,2-Dichlorobenzene	443		50	27	9.7
541-73-1	1,3-Dichlorobenzene	435		50	27	11
91-94-1	3,3'-Dichlorobenzidine	305		100	80	18
120-83-2	2,4-Dichlorophenol	499		150	27	20
84-66-2	Diethyl phthalate	513		50	27	16
105-67-9	2,4-Dimethylphenol	323		150	80	20
131-11-3	Dimethyl phthalate	509		50	27	17
84-74-2	Di-n-butyl phthalate	532		50	27	15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-65352/24-A

Matrix: Solid | Lab File ID: 21121006.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: 3540C | Date Extracted: 11/16/2012 11:50

Sample wt/vol: 30.00(g) | Date Analyzed: 11/21/2012 13:15

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 65876 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	472		150	80	80
51-28-5	2,4-Dinitrophenol	462		330	80	80
121-14-2	2,4-Dinitrotoluene	530		200	27	27
606-20-2	2,6-Dinitrotoluene	528		200	27	21
117-84-0	Di-n-octyl phthalate	476		50	27	27
206-44-0	Fluoranthene	526		6.7	3.3	3.3
86-73-7	Fluorene	496		6.7	3.3	3.3
118-74-1	Hexachlorobenzene	501		6.7	3.3	2.1
87-68-3	Hexachlorobutadiene	436		50	27	27
77-47-4	Hexachlorocyclopentadiene	413		330	27	27
67-72-1	Hexachloroethane	437		50	27	9.0
193-39-5	Indeno[1,2,3-cd]pyrene	495		6.7	3.3	3.3
78-59-1	Isophorone	496		50	27	13
91-57-6	2-Methylnaphthalene	467		6.7	3.3	3.3
95-48-7	2-Methylphenol	472		200	80	80
15831-10-4	3 & 4 Methylphenol	963		400	80	20
91-20-3	Naphthalene	467		6.7	3.3	3.3
88-74-4	2-Nitroaniline	535		200	27	9.1
99-09-2	3-Nitroaniline	492		200	80	16
100-01-6	4-Nitroaniline	495		200	27	26
98-95-3	Nitrobenzene	454		100	3.3	2.2
88-75-5	2-Nitrophenol	484		50	27	27
100-02-7	4-Nitrophenol	520		330	80	80
621-64-7	N-Nitrosodi-n-propylamine	476		50	27	27
86-30-6	N-Nitrosodiphenylamine	489		50	27	21
87-86-5	Pentachlorophenol	404		150	80	80
85-01-8	Phenanthrene	486		6.7	3.3	3.3
108-95-2	Phenol	495		50	27	27
129-00-0	Pyrene	483		6.7	3.3	3.3
120-82-1	1,2,4-Trichlorobenzene	440		50	27	27
95-95-4	2,4,5-Trichlorophenol	522		150	27	25
88-06-2	2,4,6-Trichlorophenol	504		150	80	80

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-65352/24-A

Matrix: Solid | Lab File ID: 21121006.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: 3540C | Date Extracted: 11/16/2012 11:50

Sample wt/vol: 30.00(g) | Date Analyzed: 11/21/2012 13:15

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 65876 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	67		45-105
367-12-4	2-Fluorophenol (Surr)	70		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	70		35-100
1718-51-0	Terphenyl-d14 (Surr)	79		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	74		35-125
4165-62-2	Phenol-d5 (Surr)	72		40-100

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121006.D
Lims ID: LCS 240-65352/24-A Client ID:
Inject. Date: 21-Nov-2012 13:15:30 Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: 240-0015157-006
Misc. Info.: lcs 240-65352/24-a
Operator: 001710 Instrument ID: A4HP7
Injection Vol: 1.0 ul ALS Bottle#: 6
Lims Batch ID: 65876 Lims Sample ID: 6
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\8270_hp7.m
Last Update: 23-Nov-2012 10:11:01 Calib Date: 14-Nov-2012 18:19:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP7\20121114-14953.b\21114010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: 5% phenyl Column Dia: 0.18 mm
Process Host: XAWRK037

First Level Reviewer: gruberj Date: 21-Nov-2012 13:52:56

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.863	5.863	0.0	97	149204	4.00	
* 2 Naphthalene-d8	136	6.986	6.986	0.0	99	583179	4.00	
* 3 Acenaphthene-d10	164	8.479	8.479	0.0	94	337159	4.00	
* 4 Phenanthrene-d10	188	9.736	9.736	0.0	97	592467	4.00	
* 5 Chrysene-d12	240	12.255	12.255	0.0	97	608233	4.00	
* 6 Perylene-d12	264	14.298	14.298	0.0	95	511484	4.00	
$ 7 2-Fluorophenol	112	4.606	4.595	0.011	94	487324	10.6	
$ 8 Phenol-d5	99	5.515	5.510	0.005	96	632603	10.8	
$ 9 Nitrobenzene-d5	82	6.355	6.355	0.0	87	358239	6.99	
$ 10 2-Fluorobiphenyl (Surr)	172	7.896	7.896	0.0	99	733704	6.71	
$ 11 2,4,6-Tribromophenol	330	9.147	9.147	0.0	91	155469	11.1	
$ 12 Terphenyl-d14	244	11.083	11.083	0.0	99	888392	7.89	
24 1,4-Dioxane	88	2.306	2.322	-0.016	78	63425	3.66	M
25 N-Nitrosodimethylamine	74	2.761	2.761	0.0	94	175493	6.04	
26 Pyridine	79	2.814	2.825	-0.011	94	261436	5.27	
30 2-Picoline	93	3.922	3.964	-0.042	94	305686	5.85	
36 Ethyl methanesulfonate	79	5.136	5.162	-0.026	97	243775	6.61	
40 Benzaldehyde	77	5.462	5.467	-0.005	95	272532	7.01	
41 Phenol	94	5.526	5.521	0.005	99	463650	7.43	
43 Aniline	93	5.558	5.564	-0.006	97	353880	4.53	
44 Bis(2-chloroethyl)ether	93	5.617	5.617	0.0	94	335216	6.95	
46 2-Chlorophenol	128	5.671	5.671	0.0	98	355671	7.05	
47 1,3-Dichlorobenzene	146	5.815	5.815	0.0	97	354904	6.53	
48 1,4-Dichlorobenzene	146	5.879	5.879	0.0	91	359379	6.65	
49 Benzyl alcohol	108	5.981	5.981	0.0	89	226629	7.29	
50 1,2-Dichlorobenzene	146	6.018	6.018	0.0	95	342119	6.64	
51 2-Methylphenol	108	6.072	6.072	0.0	95	322009	7.08	
52 2,2'-oxybis[1-chloropropane]	45	6.098	6.098	0.0	92	490287	6.93	
191 3 & 4 Methylphenol	108	6.205	6.200	0.005	93	689411	14.5	
56 N-Nitrosodi-n-propylamine	70	6.211	6.211	0.0	88	241337	7.14	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
57 Acetophenone	105	6.216	6.216	0.0	93	453357	6.72	
60 Hexachloroethane	117	6.323	6.323	0.0	93	143928	6.56	
61 Nitrobenzene	77	6.371	6.371	0.0	86	360984	6.81	
63 Isophorone	82	6.574	6.574	0.0	97	692077	7.44	
65 2-Nitrophenol	139	6.649	6.649	0.0	94	181082	7.26	
64 2,4-Dimethylphenol	107	6.671	6.671	0.0	94	237334	4.84	
69 Benzoic acid	122	6.708	6.735	-0.027	84	106409	4.51	
68 Bis(2-chloroethoxy)methane	93	6.751	6.756	-0.005	98	400352	6.78	
71 2,4-Dichlorophenol	162	6.853	6.853	0.0	95	289739	7.48	
72 1,2,4-Trichlorobenzene	180	6.933	6.933	0.0	92	305207	6.61	
73 Naphthalene	128	7.002	7.002	0.0	96	1019710	7.00	
74 4-Chloroaniline	127	7.040	7.040	0.0	87	334133	5.38	
77 Hexachlorobutadiene	225	7.104	7.104	0.0	94	163491	6.53	
80 Quinoline	129	7.286	7.300	-0.014	97	665755	7.78	
83 Caprolactam	113	7.318	7.323	-0.005	75	108629	7.28	
84 4-Chloro-3-methylphenol	107	7.436	7.436	0.0	92	326713	7.85	
93 Safrole, Total	162	7.505	7.521	-0.016	88	255251	7.03	
85 2-Methylnaphthalene	142	7.596	7.596	0.0	89	652793	7.00	
86 1-Methylnaphthalene	142	7.676	7.682	-0.006	90	625622	7.05	
88 Hexachlorocyclopentadiene	237	7.724	7.724	0.0	86	169229	6.19	
90 2,4,6-Trichlorophenol	196	7.826	7.826	0.0	89	214711	7.56	
91 2,4,5-Trichlorophenol	196	7.853	7.853	0.0	95	239600	7.83	
95 1,1'-Biphenyl	154	7.981	7.987	-0.006	95	799487	6.71	
98 2-Chloronaphthalene	162	8.008	8.008	0.0	96	649297	6.97	
100 2-Nitroaniline	65	8.083	8.083	0.0	82	219197	8.02	
102 1,4-Dinitrobenzene	168	8.195	8.211	-0.016	91	113024	7.95	
103 Dimethyl phthalate	163	8.222	8.222	0.0	98	755842	7.63	
104 1,3-Dinitrobenzene	168	8.259	8.275	-0.016	87	131359	7.74	
105 2,6-Dinitrotoluene	165	8.281	8.281	0.0	95	178149	7.92	
106 1,2-Dinitrobenzene	168	8.329	8.329	0.0	90	91962	8.37	
107 Acenaphthylene	152	8.366	8.361	0.005	91	1102957	7.17	
108 3-Nitroaniline	138	8.425	8.425	0.0	94	182759	7.37	
110 Acenaphthene	153	8.511	8.511	0.0	94	665654	7.20	
109 2,4-Dinitrophenol	184	8.516	8.516	0.0	68	82254	6.92	
111 4-Nitrophenol	109	8.543	8.548	-0.005	93	111457	7.81	
112 2,4-Dinitrotoluene	165	8.623	8.623	0.0	93	240700	7.95	
114 Dibenzofuran	168	8.655	8.655	0.0	89	1009323	7.35	
115 2,3,5,6-Tetrachlorophenol	232	8.709	8.709	0.0	87	175005	6.93	
117 2,3,4,6-Tetrachlorophenol	232	8.746	8.762	-0.016	72	184390	7.66	
119 Diethyl phthalate	149	8.810	8.816	-0.006	97	797263	7.70	
121 4-Chlorophenyl phenyl ether	204	8.928	8.928	0.0	92	392121	7.52	
123 4-Nitroaniline	138	8.944	8.944	0.0	58	199823	7.42	
124 Fluorene	166	8.944	8.944	0.0	82	820760	7.45	
126 4,6-Dinitro-2-methylphenol	198	8.965	8.965	0.0	83	133426	7.08	
130 N-Nitrosodiphenylamine	169	9.024	9.024	0.0	0	599433	7.34	
131 Azobenzene	77	9.062	9.062	0.0	99	844648	7.33	
129 1,2-Diphenylhydrazine	77	9.062	9.062	0.0	0	844443	7.32	
135 Phenacetin	108	9.265	9.281	-0.016	93	366749	7.57	
136 Phorate	121	9.270	9.286	-0.016	93	143274	7.78	
137 4-Bromophenyl phenyl ether	248	9.345	9.345	0.0	62	229164	7.58	
139 Hexachlorobenzene	284	9.409	9.409	0.0	91	234041	7.52	
140 Atrazine	200	9.457	9.457	0.0	91	212875	9.57	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
141 Pentachlorophenol	266	9.564	9.564	0.0	88	120201	6.06	
142 Pronamide	173	9.591	9.607	-0.016	74	323911	7.12	
146 Phenanthrene	178	9.757	9.757	0.0	97	1178865	7.28	
147 Anthracene	178	9.800	9.800	0.0	98	1183984	7.36	
149 Carbazole	167	9.928	9.928	0.0	82	1148385	7.35	
151 Di-n-butyl phthalate	149	10.185	10.185	0.0	100	1399022	7.97	
157 Fluoranthene	202	10.762	10.762	0.0	97	1411632	7.90	
160 Pyrene	202	10.971	10.971	0.0	96	1406570	7.25	
162 Chlorobenzilate	139	11.249	11.265	-0.016	92	349370	6.67	
166 Butyl benzyl phthalate	149	11.549	11.549	0.0	97	597637	7.56	
173 3,3'-Dichlorobenzidine	252	12.191	12.191	0.0	70	301024	4.58	
171 Bis(2-ethylhexyl) phthalate	149	12.207	12.207	0.0	97	827797	7.42	
175 Benzo[a]anthracene	228	12.244	12.244	0.0	98	1302202	7.67	
176 Chrysene	228	12.287	12.287	0.0	95	1271569	7.86	
178 Di-n-octyl phthalate	149	13.105	13.100	0.005	99	1291338	7.14	
180 Benzo[b]fluoranthene	252	13.720	13.726	-0.006	95	1211839	7.43	
181 Benzo[k]fluoranthene	252	13.763	13.763	0.0	95	1341384	7.57	
182 Benzo[a]pyrene	252	14.212	14.212	0.0	74	1075032	6.48	
186 Indeno[1,2,3-cd]pyrene	276	15.929	15.929	0.0	95	1364159	7.43	
187 Dibenz(a,h)anthracene	278	15.956	15.956	0.0	68	1154530	7.37	
188 Benzo[g,h,i]perylene	276	16.362	16.362	0.0	95	1197791	8.18	

QC Flag Legend

Review Flags
M - Manually Integrated

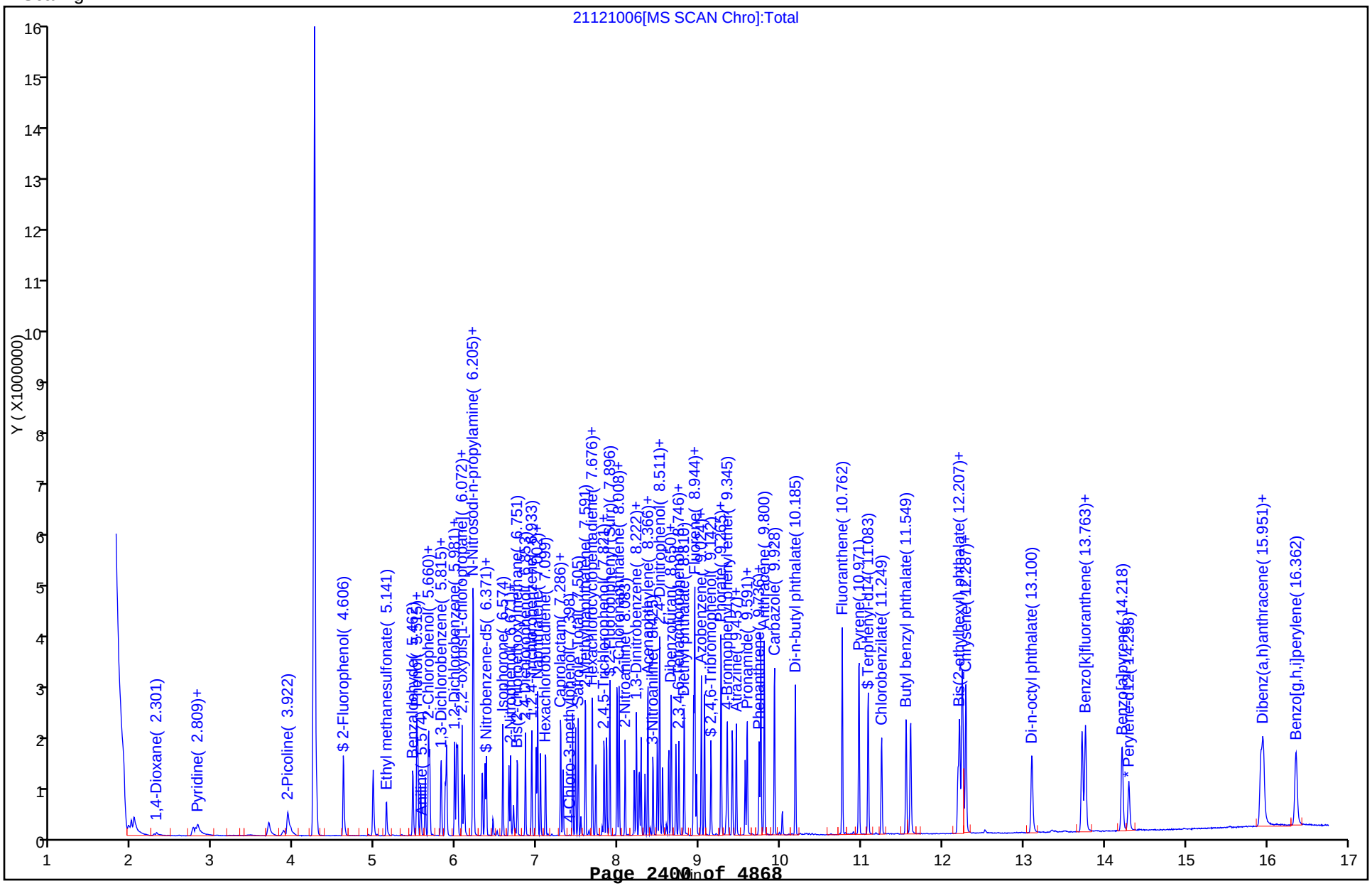
Report Date: 23-Nov-2012 10:11:23 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121006.D

Injection Date:	21-Nov-2012 13:15:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	6
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-65386/22-A

Matrix: Solid | Lab File ID: 21129005.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: 3540C | Date Extracted: 11/16/2012 13:26

Sample wt/vol: 30.00(g) | Date Analyzed: 11/29/2012 09:38

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66702 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	463		6.7	3.3	3.3
208-96-8	Acenaphthylene	477		6.7	3.3	3.3
120-12-7	Anthracene	533		6.7	3.3	3.3
56-55-3	Benzo[a]anthracene	510		6.7	3.3	3.3
50-32-8	Benzo[a]pyrene	453		6.7	3.3	3.3
205-99-2	Benzo[b]fluoranthene	487		6.7	3.3	3.3
191-24-2	Benzo[g,h,i]perylene	516		6.7	3.3	3.3
65-85-0	Benzoic acid	330	U	660	330	330
207-08-9	Benzo[k]fluoranthene	495		6.7	3.3	3.3
100-51-6	Benzyl alcohol	458		330	27	21
111-91-1	Bis(2-chloroethoxy)methane	443		100	27	22
111-44-4	Bis(2-chloroethyl)ether	434		100	3.3	2.0
108-60-1	bis (2-chloroisopropyl) ether	432		100	27	9.5
117-81-7	Bis(2-ethylhexyl) phthalate	535		50	27	19
101-55-3	4-Bromophenyl phenyl ether	531		50	27	13
85-68-7	Butyl benzyl phthalate	516		50	27	10
86-74-8	Carbazole	536		50	27	27
106-47-8	4-Chloroaniline	282		150	27	17
59-50-7	4-Chloro-3-methylphenol	511		150	27	21
91-58-7	2-Chloronaphthalene	452		50	3.3	3.3
95-57-8	2-Chlorophenol	443		50	27	27
7005-72-3	4-Chlorophenyl phenyl ether	499		50	27	13
218-01-9	Chrysene	527		6.7	3.3	1.1
53-70-3	Dibenz(a,h)anthracene	510		6.7	3.3	3.3
132-64-9	Dibenzofuran	483		50	3.3	3.3
106-46-7	1,4-Dichlorobenzene	406		50	27	20
95-50-1	1,2-Dichlorobenzene	422		50	27	9.7
541-73-1	1,3-Dichlorobenzene	402		50	27	11
91-94-1	3,3'-Dichlorobenzidine	316		100	80	18
120-83-2	2,4-Dichlorophenol	460		150	27	20
84-66-2	Diethyl phthalate	531		50	27	16
105-67-9	2,4-Dimethylphenol	299		150	80	20
131-11-3	Dimethyl phthalate	508		50	27	17
84-74-2	Di-n-butyl phthalate	544		50	27	15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-65386/22-A

Matrix: Solid | Lab File ID: 21129005.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: 3540C | Date Extracted: 11/16/2012 13:26

Sample wt/vol: 30.00(g) | Date Analyzed: 11/29/2012 09:38

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66702 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	499		150	80	80
51-28-5	2,4-Dinitrophenol	483		330	80	80
121-14-2	2,4-Dinitrotoluene	574		200	27	27
606-20-2	2,6-Dinitrotoluene	580		200	27	21
117-84-0	Di-n-octyl phthalate	475		50	27	27
206-44-0	Fluoranthene	545		6.7	3.3	3.3
86-73-7	Fluorene	485		6.7	3.3	3.3
118-74-1	Hexachlorobenzene	513		6.7	3.3	2.1
87-68-3	Hexachlorobutadiene	404		50	27	27
77-47-4	Hexachlorocyclopentadiene	409		330	27	27
67-72-1	Hexachloroethane	410		50	27	9.0
193-39-5	Indeno[1,2,3-cd]pyrene	507		6.7	3.3	3.3
78-59-1	Isophorone	456		50	27	13
91-57-6	2-Methylnaphthalene	428		6.7	3.3	3.3
95-48-7	2-Methylphenol	427		200	80	80
15831-10-4	3 & 4 Methylphenol	892		400	80	20
91-20-3	Naphthalene	438		6.7	3.3	3.3
88-74-4	2-Nitroaniline	567		200	27	9.1
99-09-2	3-Nitroaniline	455		200	80	16
100-01-6	4-Nitroaniline	548		200	27	26
98-95-3	Nitrobenzene	453		100	3.3	2.2
88-75-5	2-Nitrophenol	461		50	27	27
100-02-7	4-Nitrophenol	543		330	80	80
621-64-7	N-Nitrosodi-n-propylamine	439		50	27	27
86-30-6	N-Nitrosodiphenylamine	521		50	27	21
87-86-5	Pentachlorophenol	380		150	80	80
85-01-8	Phenanthrene	519		6.7	3.3	3.3
108-95-2	Phenol	450		50	27	27
129-00-0	Pyrene	498		6.7	3.3	3.3
120-82-1	1,2,4-Trichlorobenzene	403		50	27	27
95-95-4	2,4,5-Trichlorophenol	491		150	27	25
88-06-2	2,4,6-Trichlorophenol	481		150	80	80

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-65386/22-A

Matrix: Solid | Lab File ID: 21129005.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: 3540C | Date Extracted: 11/16/2012 13:26

Sample wt/vol: 30.00(g) | Date Analyzed: 11/29/2012 09:38

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66702 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	66		45-105
367-12-4	2-Fluorophenol (Surr)	65		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	68		35-100
1718-51-0	Terphenyl-d14 (Surr)	83		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	82		35-125
4165-62-2	Phenol-d5 (Surr)	68		40-100

Report Date: 29-Nov-2012 12:55:52 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129005.D
Lims ID: LCS 240-65386/22-A Client ID:
Inject. Date: 29-Nov-2012 09:38:30 Dil. Factor: 1.0000
Sample Type: LCS
Sample ID: 240-0015370-005
Misc. Info.: LCS 240-65386/22-A =LCS 240-65386/22-A
Operator: 001574 Instrument ID: A4HP9
Injection Vol: 1.0 ul ALS Bottle#: 5
Lims Batch ID: 66702 Lims Sample ID: 5
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121129-15370.b\8270 _9.m
Last Update: 29-Nov-2012 12:55:48 Calib Date: 28-Nov-2012 18:11:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121128-15348.b\21127110.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: 5% phenyl Column Dia: 0.18 mm
Process Host: XAWRK030

First Level Reviewer: ulmanm Date: 29-Nov-2012 10:14:43

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.903	5.907	-0.004	91	63414	4.00	
* 2 Naphthalene-d8	136	7.014	7.013	0.001	98	249482	4.00	
* 3 Acenaphthene-d10	164	8.505	8.503	0.002	72	152989	4.00	
* 4 Phenanthrene-d10	188	9.760	9.764	-0.004	95	260225	4.00	
* 5 Chrysene-d12	240	12.303	12.307	-0.004	78	257587	4.00	
* 6 Perylene-d12	264	14.370	14.374	-0.004	95	219209	4.00	
$ 7 2-Fluorophenol	112	4.680	4.662	0.018	91	248652	9.75	
$ 8 Phenol-d5	99	5.550	5.544	0.006	0	359373	10.2	
$ 9 Nitrobenzene-d5	82	6.384	6.388	-0.004	83	239272	6.82	
$ 10 2-Fluorobiphenyl (Surr)	172	7.917	7.921	-0.004	99	306610	6.60	
$ 11 2,4,6-Tribromophenol	330	9.167	9.171	-0.004	83	67573	12.3	
$ 12 Terphenyl-d14	244	11.117	11.121	-0.004	98	422325	8.27	
31 2-Picoline	93		2.310					
25 1,4-Dioxane	88	2.500	2.520	-0.020	69	46021	3.11	M
26 N-Nitrosodimethylamine	74	2.975	2.969	0.006	85	126649	6.20	
27 Pyridine	79	3.024	3.027	-0.003	89	164902	4.71	
37 Ethyl methanesulfonate	79		3.105					
82 Quinoline	129		5.099					
94 Safrole, Total	162		5.119					
41 Benzaldehyde	77	5.508	5.512	-0.004	85	186746	6.72	
43 Phenol	94	5.561	5.560	0.001	97	259960	6.76	
44 Aniline	93	5.604	5.602	0.002	94	142880	2.95	
69 Bis(2-chloroethyl)ether	93	5.657	5.656	0.001	97	196856	6.51	
46 2-Chlorophenol	128	5.711	5.709	0.002	91	149642	6.64	
104 1,4-Dinitrobenzene	168		5.712					
106 1,3-Dinitrobenzene	168		5.771					
47 1,3-Dichlorobenzene	146	5.855	5.853	0.002	86	146792	6.03	
48 1,4-Dichlorobenzene	146	5.919	5.918	0.001	79	148229	6.09	
49 Benzyl alcohol	108	6.015	6.014	0.001	84	118609	6.88	
50 1,2-Dichlorobenzene	146	6.052	6.056	-0.004	79	144068	6.33	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
51 2-Methylphenol	108	6.101	6.099	0.002	94	158166	6.41	
53 2,2'-oxybis[1-chloropropane]	45	6.133	6.137	-0.004	96	172668	6.48	
119 2,3,4,6-Tetrachlorophenol	232		6.203					
21 3 & 4 Methylphenol	108	6.234	6.233	0.001	95	356838	13.4	
57 N-Nitrosodi-n-propylamine	70	6.245	6.243	0.002	72	164011	6.58	
58 Acetophenone	105	6.250	6.249	0.001	86	245889	6.23	
61 Hexachloroethane	117	6.357	6.356	0.001	90	68592	6.15	
62 Nitrobenzene	77	6.400	6.404	-0.004	71	251190	6.79	
64 Isophorone	82	6.603	6.607	-0.004	95	443099	6.83	
138 Phorate	121		6.636					9
137 Phenacetin	108		6.641					9
66 2-Nitrophenol	139	6.678	6.676	0.002	91	77574	6.91	
65 2,4-Dimethylphenol	107	6.694	6.697	-0.003	94	130154	4.49	
71 Benzoic acid	122	6.731	6.756	-0.025	81	44336	4.41	
70 Bis(2-chloroethoxy)methane	93	6.779	6.783	-0.004	98	237207	6.64	
73 2,4-Dichlorophenol	162	6.881	6.879	0.002	95	120650	6.91	
144 Pronamide	173		6.919					
74 1,2,4-Trichlorobenzene	180	6.961	6.959	0.002	83	132716	6.04	
75 Naphthalene	128	7.030	7.034	-0.004	80	413068	6.58	
76 4-Chloroaniline	127	7.062	7.066	-0.004	78	113225	4.22	
79 Hexachlorobutadiene	225	7.126	7.130	-0.004	86	71188	6.05	
84 Caprolactam	113	7.340	7.349	-0.009	78	62348	8.28	
86 4-Chloro-3-methylphenol	107	7.457	7.456	0.001	77	190336	7.66	
87 2-Methylnaphthalene	142	7.618	7.622	-0.004	86	267669	6.43	
88 1-Methylnaphthalene	142	7.703	7.702	0.001	79	260749	6.53	
89 Hexachlorocyclopentadiene	237	7.746	7.750	-0.004	90	69735	6.14	
92 2,4,6-Trichlorophenol	196	7.847	7.846	0.001	86	92841	7.22	
93 2,4,5-Trichlorophenol	196	7.874	7.878	-0.004	87	102098	7.37	
98 1,1'-Biphenyl	154	8.008	8.012	-0.004	94	345570	6.64	
100 2-Chloronaphthalene	162	8.034	8.033	0.001	93	276936	6.79	
102 2-Nitroaniline	65	8.104	8.108	-0.004	70	146966	8.50	
105 Dimethyl phthalate	163	8.248	8.247	0.001	93	359777	7.62	
164 Chlorobenzilate	139		8.297					
107 2,6-Dinitrotoluene	165	8.302	8.305	-0.003	78	87375	8.70	
108 1,2-Dinitrobenzene	168	8.350	8.354	-0.004	80	41697	8.08	
109 Acenaphthylene	152	8.387	8.391	-0.004	85	447075	7.16	
110 3-Nitroaniline	138	8.446	8.450	-0.004	83	75912	6.83	
111 2,4-Dinitrophenol	184	8.537	8.535	0.002	58	34277	7.25	
112 Acenaphthene	153	8.531	8.535	-0.004	92	280051	6.94	
113 4-Nitrophenol	109	8.563	8.567	-0.004	87	71178	8.14	
114 2,4-Dinitrotoluene	165	8.643	8.647	-0.004	74	114690	8.60	
116 Dibenzofuran	168	8.675	8.679	-0.004	84	413564	7.24	
118 2,3,5,6-Tetrachlorophenol	232	8.734	8.733	0.001	86	76314	6.58	
121 Diethyl phthalate	149	8.836	8.840	-0.004	94	367663	7.96	
123 4-Chlorophenyl phenyl ether	204	8.953	8.957	-0.004	90	186127	7.48	
125 4-Nitroaniline	138	8.964	8.968	-0.004	77	93611	8.21	
126 Fluorene	166	8.969	8.968	0.001	78	353340	7.27	
128 4,6-Dinitro-2-methylphenol	198	8.985	8.989	-0.004	77	63218	7.48	
131 N-Nitrosodiphenylamine	169	9.049	9.048	0.001	95	270808	7.81	
132 1,2-Diphenylhydrazine	77	9.087	9.091	-0.004	100	621996	8.06	
133 Azobenzene	77	9.087	9.091	-0.004	94	621996	8.06	
139 4-Bromophenyl phenyl ether	248	9.370	9.374	-0.004	68	105524	7.96	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
141 Hexachlorobenzene	284	9.434	9.433	0.001	83	104950	7.69	
142 Atrazine	200	9.482	9.481	0.001	83	114087	10.6	
143 Pentachlorophenol	266	9.589	9.593	-0.004	78	47636	5.69	
148 Phenanthrene	178	9.781	9.785	-0.004	87	568518	7.79	
149 Anthracene	178	9.829	9.828	0.001	84	570635	8.00	
151 Carbazole	167	9.952	9.951	0.001	82	511343	8.04	
154 Di-n-butyl phthalate	149	10.214	10.213	0.001	100	642369	8.16	
159 Fluoranthene	202	10.791	10.795	-0.004	83	662319	8.17	
161 Pyrene	202	10.999	11.003	-0.004	89	654867	7.47	
168 Butyl benzyl phthalate	149	11.592	11.596	-0.004	85	275057	7.73	
175 3,3'-Dichlorobenzidine	252	12.239	12.243	-0.004	65	132980	4.73	
173 Bis(2-ethylhexyl) phthalate	149	12.265	12.269	-0.004	94	398186	8.02	
177 Benzo[a]anthracene	228	12.287	12.296	-0.009	89	586412	7.65	
178 Chrysene	228	12.340	12.344	-0.004	86	564624	7.90	
180 Di-n-octyl phthalate	149	13.174	13.177	-0.003	99	615283	7.13	
182 Benzo[b]fluoranthene	252	13.788	13.797	-0.009	84	523821	7.30	
183 Benzo[k]fluoranthene	252	13.831	13.835	-0.004	86	564577	7.43	
184 Benzo[a]pyrene	252	14.285	14.294	-0.009	76	458813	6.80	
188 Indeno[1,2,3-cd]pyrene	276	16.021	16.030	-0.009	78	578259	7.60	
189 Dibenz(a,h)anthracene	278	16.048	16.057	-0.009	52	466961	7.65	
190 Benzo[g,h,i]perylene	276	16.464	16.474	-0.010	78	499884	7.75	

QC Flag Legend

Processing Flags
9 - Failed A Reference Spectral Test

Review Flags
M - Manually Integrated

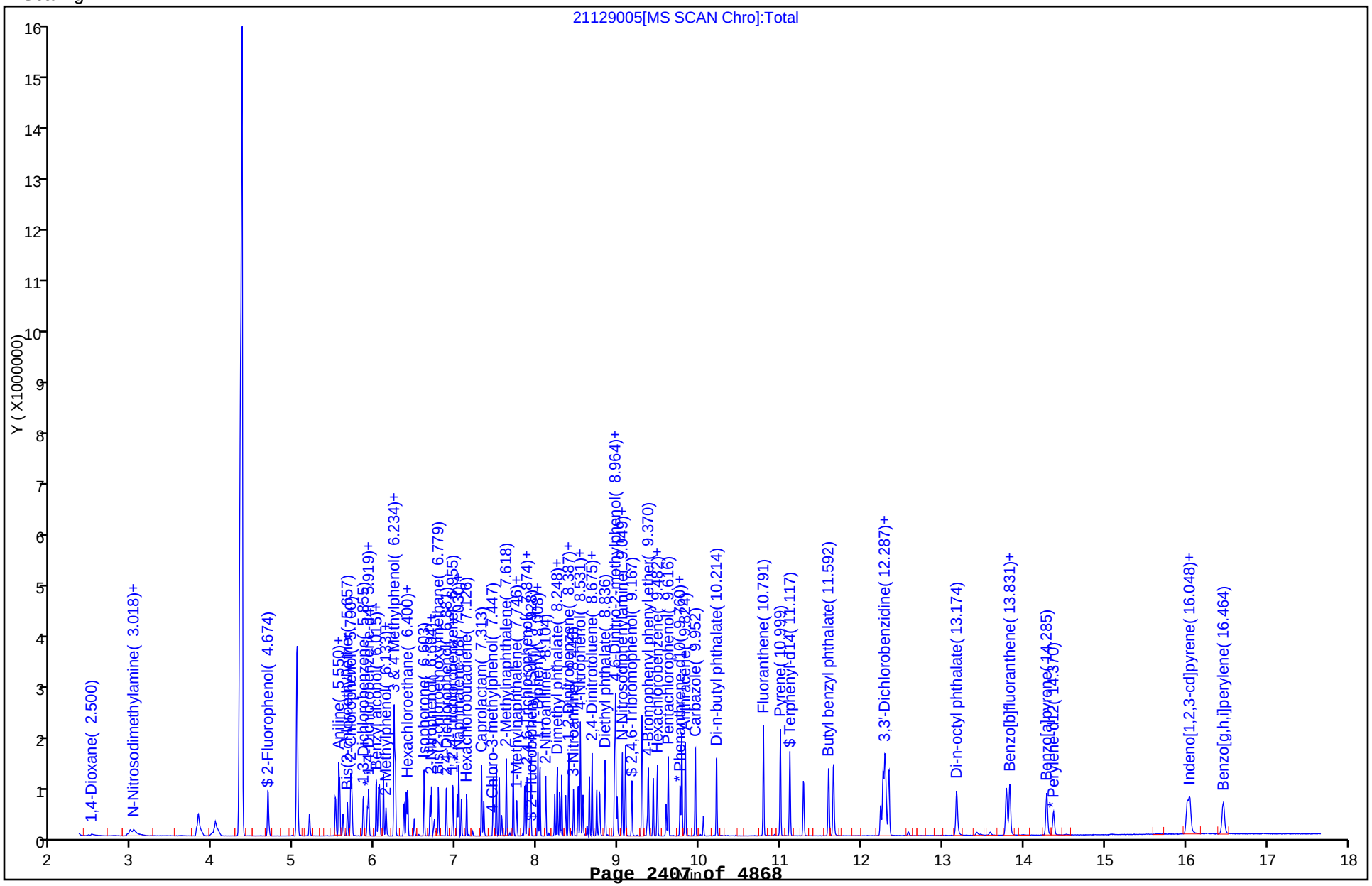
Report Date: 29-Nov-2012 12:55:52 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129005.D

Injection Date:	29-Nov-2012 09:38:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	66702	Lims Sample ID:	5
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-65876/4

Matrix: Solid | Lab File ID: 21121004.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 11/21/2012 12:28

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 65876 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	5.15		0.00020	0.00010	0.00010
208-96-8	Acenaphthylene	5.11		0.00020	0.00010	0.00010
120-12-7	Anthracene	5.10		0.00020	0.00010	0.00010
56-55-3	Benzo[a]anthracene	5.20		0.00020	0.00010	0.00010
50-32-8	Benzo[a]pyrene	5.06		0.00020	0.00010	0.00010
205-99-2	Benzo[b]fluoranthene	5.41		0.00020	0.00010	0.00010
191-24-2	Benzo[g,h,i]perylene	5.65		0.00020	0.00010	0.00010
65-85-0	Benzoic acid	9.50		0.025	0.010	0.010
207-08-9	Benzo[k]fluoranthene	5.37		0.00020	0.00010	0.00010
100-51-6	Benzyl alcohol	5.18		0.0050	0.00080	0.00038
111-91-1	Bis(2-chloroethoxy)methane	4.97		0.0010	0.00080	0.00032
111-44-4	Bis(2-chloroethyl)ether	5.02		0.0010	0.00010	0.00010
117-81-7	Bis(2-ethylhexyl) phthalate	5.09		0.0020	0.00080	0.00080
101-55-3	4-Bromophenyl phenyl ether	5.36		0.0020	0.00080	0.00080
85-68-7	Butyl benzyl phthalate	5.14		0.0010	0.00080	0.00080
86-74-8	Carbazole	5.02		0.0010	0.00080	0.00028
59-50-7	4-Chloro-3-methylphenol	5.06		0.0020	0.00080	0.00080
91-58-7	2-Chloronaphthalene	5.11		0.0010	0.00010	0.00010
95-57-8	2-Chlorophenol	5.00		0.0010	0.00080	0.00029
7005-72-3	4-Chlorophenyl phenyl ether	5.29		0.0020	0.00080	0.00030
218-01-9	Chrysene	5.07		0.00020	0.00010	0.00010
53-70-3	Dibenz(a,h)anthracene	5.14		0.00020	0.00010	0.00010
132-64-9	Dibenzofuran	5.04		0.0010	0.00010	0.00010
106-46-7	1,4-Dichlorobenzene	4.97		0.0010	0.00080	0.00034
95-50-1	1,2-Dichlorobenzene	5.11		0.0010	0.00080	0.00029
541-73-1	1,3-Dichlorobenzene	5.01		0.0010	0.00080	0.00080
91-94-1	3,3'-Dichlorobenzidine	5.19		0.0050	0.00080	0.00037
120-83-2	2,4-Dichlorophenol	5.23		0.0020	0.00080	0.00080
84-66-2	Diethyl phthalate	5.11		0.0010	0.00080	0.00060
105-67-9	2,4-Dimethylphenol	5.00		0.0020	0.00080	0.00080
131-11-3	Dimethyl phthalate	5.14		0.0010	0.00080	0.00029
84-74-2	Di-n-butyl phthalate	5.10		0.0010	0.00080	0.00067
534-52-1	4,6-Dinitro-2-methylphenol	5.28		0.0050	0.0024	0.0024
51-28-5	2,4-Dinitrophenol	10.2		0.0050	0.0024	0.0024

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-65876/4

Matrix: Solid | Lab File ID: 21121004.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 11/21/2012 12:28

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 65876 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
121-14-2	2,4-Dinitrotoluene	5.26		0.0050	0.00080	0.00027
606-20-2	2,6-Dinitrotoluene	5.33		0.0050	0.00080	0.00080
117-84-0	Di-n-octyl phthalate	4.97		0.0010	0.00080	0.00080
206-44-0	Fluoranthene	5.10		0.00020	0.00010	0.00010
86-73-7	Fluorene	5.16		0.00020	0.00010	0.00010
118-74-1	Hexachlorobenzene	5.03		0.00020	0.00010	0.00010
87-68-3	Hexachlorobutadiene	4.87		0.0010	0.00080	0.00027
77-47-4	Hexachlorocyclopentadiene	5.18		0.010	0.00080	0.00080
67-72-1	Hexachloroethane	4.79		0.0010	0.00080	0.00080
193-39-5	Indeno[1,2,3-cd]pyrene	5.29		0.00020	0.00010	0.00010
78-59-1	Isophorone	5.26		0.0010	0.00080	0.00027
91-57-6	2-Methylnaphthalene	5.12		0.00020	0.00010	0.00010
95-48-7	2-Methylphenol	4.95		0.0010	0.00080	0.00080
15831-10-4	3 & 4 Methylphenol	4.93		0.0020	0.00080	0.00080
91-20-3	Naphthalene	5.05		0.00020	0.00010	0.00010
88-74-4	2-Nitroaniline	5.42		0.0020	0.00080	0.00080
99-09-2	3-Nitroaniline	5.34		0.0020	0.00080	0.00028
100-01-6	4-Nitroaniline	5.23		0.0020	0.00080	0.00080
98-95-3	Nitrobenzene	5.23		0.0010	0.00010	0.000040
88-75-5	2-Nitrophenol	5.08		0.0020	0.00080	0.00028
100-02-7	4-Nitrophenol	5.04		0.0050	0.0024	0.0024
621-64-7	N-Nitrosodi-n-propylamine	5.22		0.0010	0.00080	0.00080
86-30-6	N-Nitrosodiphenylamine	4.97		0.0010	0.00080	0.00031
87-86-5	Pentachlorophenol	10.2		0.0050	0.0024	0.0024
85-01-8	Phenanthrene	4.94		0.00020	0.00010	0.00010
108-95-2	Phenol	5.10		0.0010	0.00080	0.00060
129-00-0	Pyrene	4.99		0.00020	0.00010	0.00010
120-82-1	1,2,4-Trichlorobenzene	5.09		0.0010	0.00080	0.00028
95-95-4	2,4,5-Trichlorophenol	5.44		0.0050	0.00080	0.00030
88-06-2	2,4,6-Trichlorophenol	5.52		0.0050	0.00080	0.00080

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-65876/4

Matrix: Solid | Lab File ID: 21121004.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 11/21/2012 12:28

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 65876 | Units: ng/uL

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	102		50-150
367-12-4	2-Fluorophenol (Surr)	101		50-150
4165-60-0	Nitrobenzene-d5 (Surr)	105	Q	50-150
1718-51-0	Terphenyl-d14 (Surr)	102		50-150
118-79-6	2,4,6-Tribromophenol (Surr)	112		50-150
4165-62-2	Phenol-d5 (Surr)	100		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121004.D		
Lims ID:	mrl qc	Client ID:	
Inject. Date:	21-Nov-2012 12:28:30	Dil. Factor:	1.0000
Sample Type:	MRL		
Sample ID:	240-0015157-004		
Misc. Info.:	mrl qc		
Operator:	001710	Instrument ID:	A4HP7
Injection Vol:	1.0 ul	ALS Bottle#:	4
Lims Batch ID:	65876	Lims Sample ID:	4
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP7\20121121-15157.b\8270_hp7.m		
Last Update:	23-Nov-2012 10:11:01	Calib Date:	14-Nov-2012 18:19:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP7\20121114-14953.b\21114010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK037		
First Level Reviewer: gruberj		Date:	21-Nov-2012 12:50:37

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.863	5.863	0.0	97	189903	4.00	
* 2 Naphthalene-d8	136	6.986	6.986	0.0	99	723590	4.00	
* 3 Acenaphthene-d10	164	8.479	8.479	0.0	93	404743	4.00	
* 4 Phenanthrene-d10	188	9.736	9.736	0.0	98	711500	4.00	
* 5 Chrysene-d12	240	12.255	12.255	0.0	90	715377	4.00	
* 6 Perylene-d12	264	14.298	14.298	0.0	96	586049	4.00	
$ 7 2-Fluorophenol	112	4.596	4.595	0.001	92	297831	5.07	
$ 8 Phenol-d5	99	5.510	5.510	0.0	96	374073	5.02	
$ 9 Nitrobenzene-d5	82	6.355	6.355	0.0	86	334682	5.26	
$ 10 2-Fluorobiphenyl (Surr)	172	7.896	7.896	0.0	99	671036	5.11	
$ 11 2,4,6-Tribromophenol	330	9.147	9.147	0.0	86	93820	5.60	
$ 12 Terphenyl-d14	244	11.083	11.083	0.0	98	676750	5.11	
16 2,3-Dichlorophenol	1		0.000					
19 Bis(4-hydroxyphenyl)methane	1		0.000					
243 3-(1,1-Dimethylethyl Phenol) TIC	1		0.000					
241 Tricresyl phosphate TIC	1		0.000					
234 2-Isopropylphenol TIC	1		0.000					
240 3-isopropylphenol TIC	1		0.000					
13 Bis(2-hydroxyphenyl)methane	1		0.000					
238 Trimethyl phosphate TIC	1		0.000					
242 Triphenyl Phosphate TIC	1		0.000					
15 Catechol	1		0.000					
14 4-Methylcatechol	1		0.000					
239 2,3,7,8 TCDF TIC	1		0.000					
237 Tris(2,3-dibromopropyl)phosphate	1		0.000					
17 4-Chlorophenol	1		0.000					
23 Octachlorocyclopentene	1		0.000					
235 2,3,7,8-TCDD TIC	1		0.000					
22 3-Methylcatechol	1		0.000					
20 2,5-Dichlorophenol	1		0.000					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
236 4-isopropylphenol TIC	1		0.000					
21 Octachlorostyrene	1		0.000					
24 1,4-Dioxane	88	2.317	2.322	-0.005	92	102830	4.67	
25 N-Nitrosodimethylamine	74	2.766	2.761	0.005	86	168819	4.65	
26 Pyridine	79	2.825	2.825	0.0	92	308396	4.88	
232 1-Methyl-2-pyrrilidinone	99		3.271					14
27 Ethyl methacrylate	69	3.510	3.515	-0.005	91	263333	5.02	
18 Dimethylformamide	73		3.545					
28 3-Chloropropionitrile	54	3.916	3.916	0.0	86	191208	5.46	
30 2-Picoline	93		3.964					9
31 N-Nitrosomethylethylamine	88		4.103					
32 Malononitrile	66	4.280	4.280	0.0	100	340701	5.16	
33 Acrylamide	71	4.408	4.401	0.007	7	68	0	
34 Methyl methanesulfonate	80		4.451					
29 3-Picoline	93		4.510					
233 n,n'-Dimethylacetamide	44	4.537	4.536	0.001	0	1386	0	
35 N-Nitrosodiethylamine	102		4.868					
36 Ethyl methanesulfonate	79		5.162					9
37 2-Methylcyclohexanone	68	5.376	5.376	0.0	6	88	0	
38 3-Methylcyclohexanone	69	5.409	5.414	-0.005	1	294	0	
39 4-Methylcyclohexanone	55	5.467	5.462	0.005	1	1786	0	
40 Benzaldehyde	77	5.467	5.467	0.0	94	256815	5.19	
41 Phenol	94	5.521	5.521	0.0	98	405581	5.10	
42 Phenylmercaptan	110		5.524					
43 Aniline	93	5.558	5.564	-0.006	97	510348	5.14	
44 Bis(2-chloroethyl)ether	93	5.617	5.617	0.0	94	308367	5.02	
45 Pentachloroethane	167		5.633					
46 2-Chlorophenol	128	5.671	5.671	0.0	92	321166	5.00	
47 1,3-Dichlorobenzene	146	5.815	5.815	0.0	96	346596	5.01	
48 1,4-Dichlorobenzene	146	5.879	5.879	0.0	91	341534	4.97	
49 Benzyl alcohol	108	5.981	5.981	0.0	93	204779	5.18	
50 1,2-Dichlorobenzene	146	6.018	6.018	0.0	94	335044	5.11	
51 2-Methylphenol	108	6.072	6.072	0.0	96	286734	4.95	
52 2,2'-oxybis[1-chloropropane]	45	6.099	6.098	0.0	91	462284	5.13	
53 Indene	115		6.107					9
191 3 & 4 Methylphenol	108	6.200	6.200	0.0	98	299275	4.93	
56 N-Nitrosodi-n-propylamine	70	6.211	6.211	0.0	91	224299	5.22	
55 N-Nitrosopyrrolidine	100		6.216					
57 Acetophenone	105	6.216	6.216	0.0	93	423421	4.93	
58 N-Nitrosomorpholine	56		6.248					9
59 2-Toluidine	106		6.269					
60 Hexachloroethane	117	6.323	6.323	0.0	92	133810	4.79	
61 Nitrobenzene	77	6.371	6.371	0.0	88	343660	5.23	
62 N-Nitrosopiperidine	114		6.521					
63 Isophorone	82	6.575	6.574	0.001	100	606824	5.26	
65 2-Nitrophenol	139	6.649	6.649	0.0	95	157322	5.08	
66 1,3,5-Trichlorobenzene	180	6.660	6.660	0.0	96	301806	5.26	
64 2,4-Dimethylphenol	107	6.665	6.671	-0.006	72	303977	5.00	
69 Benzoic acid	122	6.719	6.735	-0.016	85	347798	9.50	
67 o,o',o''-Triethylphosphorothioat	198		6.740					
68 Bis(2-chloroethoxy)methane	93	6.751	6.756	-0.005	99	364346	4.97	
71 2,4-Dichlorophenol	162	6.853	6.853	0.0	94	251298	5.23	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
70 alpha,alpha-Dimethyl phenethylam	58		6.863					
72 1,2,4-Trichlorobenzene	180	6.933	6.933	0.0	92	291513	5.09	
73 Naphthalene	128	7.002	7.002	0.0	95	913693	5.05	
74 4-Chloroaniline	127	7.040	7.040	0.0	86	386780	5.02	
75 2,6-Dichlorophenol	162		7.066					9
76 Hexachloropropene	213		7.093					9
77 Hexachlorobutadiene	225	7.104	7.104	0.0	93	151327	4.87	
78 1,2,3-Trichlorobenzene	180	7.125	7.125	0.0	93	274648	0	
79 Benzothiazole	135		7.235					9
80 Quinoline	129		7.300					
83 Caprolactam	113	7.318	7.323	-0.005	73	85485	4.66	
81 N-Nitrosodi-n-butylamine	84		7.328					
82 p-Phenylene diamine	108		7.355					9
84 4-Chloro-3-methylphenol	107	7.436	7.436	0.0	94	261242	5.06	
93 Safrole, Total	162		7.521					
85 2-Methylnaphthalene	142	7.596	7.596	0.0	93	591775	5.12	
86 1-Methylnaphthalene	142	7.682	7.682	0.0	83	563534	5.12	
87 1,2,3,5-Tetrachlorobenzene	216	7.719	7.719	0.0	95	296047	5.38	
88 Hexachlorocyclopentadiene	237	7.725	7.724	0.0	87	169882	5.18	
89 1,2,4,5-Tetrachlorobenzene	216		7.751					
225 Isosafrole Peak 1	162		7.767					
90 2,4,6-Trichlorophenol	196	7.821	7.826	-0.005	93	188387	5.52	
91 2,4,5-Trichlorophenol	196	7.853	7.853	0.0	96	199847	5.44	
227 Isosafrole Peak 2	162		7.960					
94 2,4-Toluene diamine	121	7.965	7.965	0.0	99	191920	5.21	
96 1,2,3,4 -Tetrachlorobenzene	216	7.976	7.976	0.0	96	276807	0	
95 1,1'-Biphenyl	154	7.981	7.987	-0.006	94	722737	5.06	
98 2-Chloronaphthalene	162	8.008	8.008	0.0	97	571148	5.11	
97 3,4-Dichloronitrobenzene	109		8.022					9
99 Phenyl ether	170		8.081					9
100 2-Nitroaniline	65	8.083	8.083	0.0	83	177845	5.42	
101 1,4-Naphthoquinone	158		8.168					
102 1,4-Dinitrobenzene	168		8.211					9
103 Dimethyl phthalate	163	8.222	8.222	0.0	98	611321	5.14	
104 1,3-Dinitrobenzene	168		8.275					
105 2,6-Dinitrotoluene	165	8.281	8.281	0.0	94	140306	5.33	
106 1,2-Dinitrobenzene	168	8.329	8.329	0.0	90	73783	5.59	
107 Acenaphthylene	152	8.366	8.361	0.005	91	943871	5.11	
108 3-Nitroaniline	138	8.425	8.425	0.0	92	158930	5.34	
110 Acenaphthene	153	8.505	8.511	-0.006	94	571654	5.15	
109 2,4-Dinitrophenol	184	8.516	8.516	0.0	79	168563	10.2	
111 4-Nitrophenol	109	8.543	8.548	-0.005	96	86295	5.04	
112 2,4-Dinitrotoluene	165	8.623	8.623	0.0	90	185917	5.26	
113 Pentachlorobenzene	250		8.633					9
114 Dibenzofuran	168	8.650	8.655	-0.005	88	830014	5.04	
115 2,3,5,6-Tetrachlorophenol	232	8.709	8.709	0.0	90	165809	5.47	
116 1-Naphthylamine	143		8.735					9
117 2,3,4,6-Tetrachlorophenol	232		8.762					
118 2-Naphthylamine	143		8.799					9
119 Diethyl phthalate	149	8.810	8.816	-0.006	96	635337	5.11	
120 Thionazin	97		8.901					9
121 4-Chlorophenyl phenyl ether	204	8.928	8.928	0.0	91	330929	5.29	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
123 4-Nitroaniline	138	8.944	8.944	0.0	56	166507	5.23	
124 Fluorene	166	8.944	8.944	0.0	91	682670	5.16	
122 N-Nitro-o-toluidine	152		8.954					
126 4,6-Dinitro-2-methylphenol	198	8.965	8.965	0.0	85	114673	5.28	
125 Tributyl phosphate	99		8.992					
130 N-Nitrosodiphenylamine	169	9.024	9.024	0.0	0	487545	4.97	
128 Diphenylamine	169	9.024	9.040	-0.016	94	487545	4.53	
131 Azobenzene	77	9.062	9.062	0.0	99	695770	5.02	
129 1,2-Diphenylhydrazine	77	9.062	9.062	0.0	0	695770	5.02	
132 Sulfotepp	202	9.137	9.152	-0.015	75	80246	5.54	
133 1,3,5-Trinitrobenzene	213		9.238					
228 Diallate Peak 1	86		9.275					1
135 Phenacetin	108		9.281					
136 Phorate	121		9.286					
137 4-Bromophenyl phenyl ether	248	9.345	9.345	0.0	60	194412	5.36	
230 Diallate Peak 2	86		9.356					14
139 Hexachlorobenzene	284	9.404	9.409	-0.005	85	188090	5.03	
138 Dimethoate	87		9.430					9
140 Atrazine	200	9.457	9.457	0.0	91	146356	5.48	
141 Pentachlorophenol	266	9.564	9.564	0.0	87	251160	10.2	
127 4-Aminobiphenyl	169		9.575					
143 Pentachloronitrobenzene	237		9.591					
142 Pronamide	173		9.607					
145 Dinoseb	211		9.719					
144 Disulfoton	88		9.725					9
146 Phenanthrene	178	9.757	9.757	0.0	96	959650	4.94	
147 Anthracene	178	9.800	9.800	0.0	97	984018	5.10	
148 DFTPP								
149 Carbazole	167	9.928	9.928	0.0	81	941249	5.02	
150 Methyl parathion	109		10.045					
151 Di-n-butyl phthalate	149	10.185	10.185	0.0	100	1073974	5.10	
152 Diphenylsulfone	125		10.209					
153 Ethyl Parathion	97		10.366					
154 4-Nitroquinoline-1-oxide	190		10.420					
155 Methapyrilene	58		10.463					9
156 Isodrin	66		10.655					9
157 Fluoranthene	202	10.763	10.762	0.001	97	1095499	5.10	
158 Benzidine	184	10.859	10.859	0.0	99	596461	5.19	
160 Pyrene	202	10.966	10.971	-0.005	96	1140175	4.99	
164 4,4'-DDE	246		11.019					9
226 Aramite Peak 1	185		11.056					
229 Aramite Peak 2	185		11.126					
161 p-Dimethylamino azobenzene	225		11.233					
162 Chlorobenzilate	139		11.265					
163 4,4'-DDD	235		11.388					9
165 Famphur	218		11.522					
166 Butyl benzyl phthalate	149	11.549	11.549	0.0	97	469359	5.14	
167 3,3'-Dimethylbenzidine	212		11.581					
168 4,4'-DDT	235		11.672					9
169 2-Acetylaminofluorene	181		11.859					
170 3,3'-Dimethoxybenzidine	244	12.148	12.148	0.0	91	224969	5.06	
173 3,3'-Dichlorobenzidine	252	12.191	12.191	0.0	70	403919	5.19	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
172 4,4'-Methylene bis(2-chloroanili	231	12.185	12.191	-0.006	68	192967	5.45	
171 Bis(2-ethylhexyl) phthalate	149	12.207	12.207	0.0	96	654284	5.09	
175 Benzo[a]anthracene	228	12.239	12.244	-0.005	95	1037401	5.20	
176 Chrysene	228	12.287	12.287	0.0	93	964237	5.07	
174 Hexabromobenzene	232		12.290					
177 6-Methylchrysene	242		12.894					
178 Di-n-octyl phthalate	149	13.100	13.100	0.0	99	996921	4.97	
180 Benzo[b]fluoranthene	252	13.720	13.726	-0.006	97	1011413	5.41	
179 7,12-Dimethylbenz(a)anthracene	256		13.736					
181 Benzo[k]fluoranthene	252	13.763	13.763	0.0	99	1091495	5.37	
182 Benzo[a]pyrene	252	14.212	14.212	0.0	76	952005	5.06	
183 3-Methylcholanthrene	268		14.774					9
184 Dibenz[a,j]acridine	279		15.595					
185 Dibenz[a,h]acridine	279		15.670					
186 Indeno[1,2,3-cd]pyrene	276	15.924	15.929	-0.005	93	1100007	5.29	
187 Dibenz(a,h)anthracene	278	15.956	15.956	0.0	80	910055	5.14	
188 Benzo[g,h,i]perylene	276	16.357	16.362	-0.005	87	947586	5.65	
S 189 Methyl Phenols,Total	100				0		4.95	
S 92 Isosafrole	162		5.138					7
S 134 Diallate	86		6.337					7
S 159 Aramite, Total	185		7.806					7
T 195 Hexamethylphosphoramide TIC	1		0.000					1
T 193 Hydroquinone TIC	110	7.291	0.0	7.291	83	54935	0	
T 231 2,3,7,8-TCDD	1		0.000					1
T 192 Decane TIC	142	2.970	3.050	-0.080	13	380	0	
T 194 Octadecane (TIC)	254	13.389	6.300	7.089	91	14204	0	
T 196 Kepone TIC	1		8.281					1
T 197 Hexachlorophene TIC	1		9.269					1

QC Flag Legend

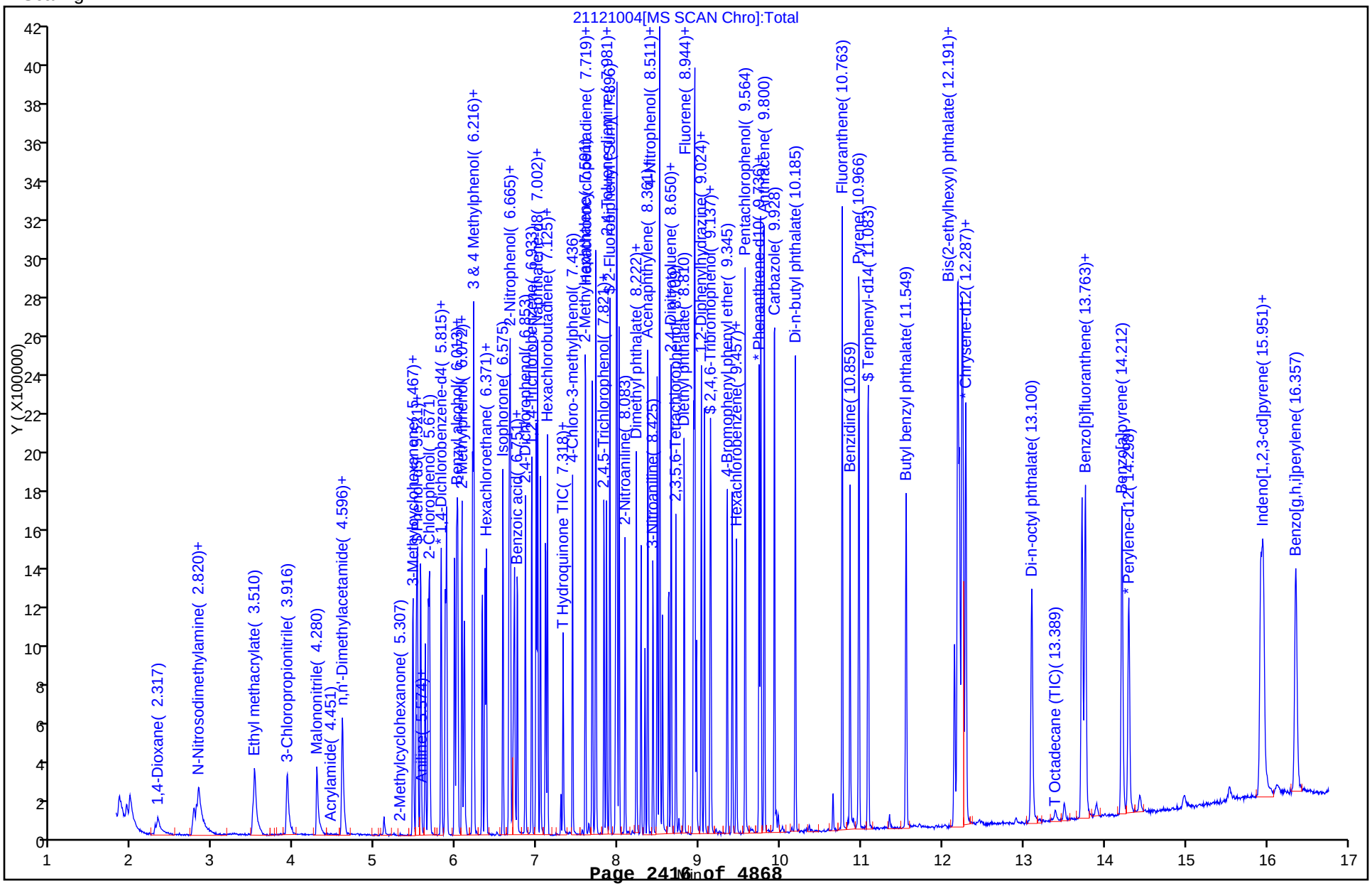
Processing Flags
1 - Missing Peaks
4 - Failed Signal Ratio Test
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

Report Date: 23-Nov-2012 10:11:26 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121004.D		
Injection Date:	21-Nov-2012 12:28:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	4
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-65876/17

Matrix: Solid | Lab File ID: 21121017.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 11/21/2012 17:33

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 65876 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	5.02		0.00020	0.00010	0.00010
208-96-8	Acenaphthylene	5.04		0.00020	0.00010	0.00010
120-12-7	Anthracene	5.11		0.00020	0.00010	0.00010
56-55-3	Benzo[a]anthracene	5.25		0.00020	0.00010	0.00010
50-32-8	Benzo[a]pyrene	5.15		0.00020	0.00010	0.00010
205-99-2	Benzo[b]fluoranthene	5.68		0.00020	0.00010	0.00010
191-24-2	Benzo[g,h,i]perylene	3.10	^	0.00020	0.00010	0.00010
65-85-0	Benzoic acid	10.0		0.025	0.010	0.010
207-08-9	Benzo[k]fluoranthene	5.65		0.00020	0.00010	0.00010
100-51-6	Benzyl alcohol	5.21		0.0050	0.00080	0.00038
111-91-1	Bis(2-chloroethoxy)methane	5.02		0.0010	0.00080	0.00032
111-44-4	Bis(2-chloroethyl)ether	4.99		0.0010	0.00010	0.00010
117-81-7	Bis(2-ethylhexyl) phthalate	5.36		0.0020	0.00080	0.00080
101-55-3	4-Bromophenyl phenyl ether	5.04		0.0020	0.00080	0.00080
85-68-7	Butyl benzyl phthalate	5.36		0.0010	0.00080	0.00080
86-74-8	Carbazole	5.01		0.0010	0.00080	0.00028
59-50-7	4-Chloro-3-methylphenol	5.41		0.0020	0.00080	0.00080
91-58-7	2-Chloronaphthalene	4.96		0.0010	0.00010	0.00010
95-57-8	2-Chlorophenol	5.12		0.0010	0.00080	0.00029
7005-72-3	4-Chlorophenyl phenyl ether	5.24		0.0020	0.00080	0.00030
218-01-9	Chrysene	5.15		0.00020	0.00010	0.00010
53-70-3	Dibenz(a,h)anthracene	3.60		0.00020	0.00010	0.00010
132-64-9	Dibenzofuran	4.95		0.0010	0.00010	0.00010
106-46-7	1,4-Dichlorobenzene	4.88		0.0010	0.00080	0.00034
95-50-1	1,2-Dichlorobenzene	4.91		0.0010	0.00080	0.00029
541-73-1	1,3-Dichlorobenzene	4.95		0.0010	0.00080	0.00080
91-94-1	3,3'-Dichlorobenzidine	5.24		0.0050	0.00080	0.00037
120-83-2	2,4-Dichlorophenol	5.23		0.0020	0.00080	0.00080
84-66-2	Diethyl phthalate	5.21		0.0010	0.00080	0.00060
105-67-9	2,4-Dimethylphenol	5.30		0.0020	0.00080	0.00080
131-11-3	Dimethyl phthalate	5.20		0.0010	0.00080	0.00029
84-74-2	Di-n-butyl phthalate	5.24		0.0010	0.00080	0.00067
534-52-1	4,6-Dinitro-2-methylphenol	2.95	^	0.0050	0.0024	0.0024
51-28-5	2,4-Dinitrophenol	4.99	^	0.0050	0.0024	0.0024

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-65876/17

Matrix: Solid | Lab File ID: 21121017.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 11/21/2012 17:33

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 65876 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
121-14-2	2,4-Dinitrotoluene	5.25		0.0050	0.00080	0.00027
606-20-2	2,6-Dinitrotoluene	5.38		0.0050	0.00080	0.00080
117-84-0	Di-n-octyl phthalate	6.34		0.0010	0.00080	0.00080
206-44-0	Fluoranthene	5.19		0.00020	0.00010	0.00010
86-73-7	Fluorene	5.08		0.00020	0.00010	0.00010
118-74-1	Hexachlorobenzene	5.11		0.00020	0.00010	0.00010
87-68-3	Hexachlorobutadiene	4.92		0.0010	0.00080	0.00027
77-47-4	Hexachlorocyclopentadiene	1.19	^	0.010	0.00080	0.00080
67-72-1	Hexachloroethane	4.61		0.0010	0.00080	0.00080
193-39-5	Indeno[1,2,3-cd]pyrene	3.48		0.00020	0.00010	0.00010
78-59-1	Isophorone	5.36		0.0010	0.00080	0.00027
91-57-6	2-Methylnaphthalene	5.11		0.00020	0.00010	0.00010
95-48-7	2-Methylphenol	5.12		0.0010	0.00080	0.00080
15831-10-4	3 & 4 Methylphenol	4.98		0.0020	0.00080	0.00080
91-20-3	Naphthalene	4.98		0.00020	0.00010	0.00010
88-74-4	2-Nitroaniline	5.66		0.0020	0.00080	0.00080
99-09-2	3-Nitroaniline	5.53		0.0020	0.00080	0.00028
100-01-6	4-Nitroaniline	5.39		0.0020	0.00080	0.00080
98-95-3	Nitrobenzene	5.12		0.0010	0.00010	0.000040
88-75-5	2-Nitrophenol	5.10		0.0020	0.00080	0.00028
100-02-7	4-Nitrophenol	5.29		0.0050	0.0024	0.0024
621-64-7	N-Nitrosodi-n-propylamine	5.23		0.0010	0.00080	0.00080
86-30-6	N-Nitrosodiphenylamine	0.00080	U ^	0.0010	0.00080	0.00031
87-86-5	Pentachlorophenol	10.1		0.0050	0.0024	0.0024
85-01-8	Phenanthrene	4.85		0.00020	0.00010	0.00010
108-95-2	Phenol	5.09		0.0010	0.00080	0.00060
129-00-0	Pyrene	4.92		0.00020	0.00010	0.00010
120-82-1	1,2,4-Trichlorobenzene	5.13		0.0010	0.00080	0.00028
95-95-4	2,4,5-Trichlorophenol	5.42		0.0050	0.00080	0.00030
88-06-2	2,4,6-Trichlorophenol	5.36		0.0050	0.00080	0.00080

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-65876/17

Matrix: Solid | Lab File ID: 21121017.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 11/21/2012 17:33

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 65876 | Units: ng/uL

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	99		50-150
367-12-4	2-Fluorophenol (Surr)	101		50-150
4165-60-0	Nitrobenzene-d5 (Surr)	105	Q	50-150
1718-51-0	Terphenyl-d14 (Surr)	102		50-150
118-79-6	2,4,6-Tribromophenol (Surr)	119		50-150
4165-62-2	Phenol-d5 (Surr)	104	Q	50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121017.D		
Lims ID:	mrl qccl	Client ID:	
Inject. Date:	21-Nov-2012 17:33:30	Dil. Factor:	1.0000
Sample Type:	MRL		
Sample ID:	240-0015157-017		
Misc. Info.:	mrl qccl		
Operator:	001710	Instrument ID:	A4HP7
Injection Vol:	1.0 ul	ALS Bottle#:	17
Lims Batch ID:	65876	Lims Sample ID:	17
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP7\20121121-15157.b\8270_hp7.m		
Last Update:	23-Nov-2012 10:11:01	Calib Date:	14-Nov-2012 18:19:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP7\20121114-14953.b\21114010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK037		
First Level Reviewer: gruberj		Date:	23-Nov-2012 08:10:40

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.868	5.863	0.005	94	240144	4.00	
* 2 Naphthalene-d8	136	6.986	6.986	0.0	100	928159	4.00	
* 3 Acenaphthene-d10	164	8.479	8.479	0.0	92	535377	4.00	
* 4 Phenanthrene-d10	188	9.741	9.736	0.005	98	957551	4.00	
* 5 Chrysene-d12	240	12.255	12.255	0.0	95	979982	4.00	
* 6 Perylene-d12	264	14.298	14.298	0.0	92	735078	4.00	
$ 7 2-Fluorophenol	112	4.595	4.595	0.0	93	376041	5.07	
$ 8 Phenol-d5	99	5.510	5.510	0.0	96	487931	5.18	
$ 9 Nitrobenzene-d5	82	6.355	6.355	0.0	89	426480	5.23	
$ 10 2-Fluorobiphenyl (Surr)	172	7.896	7.896	0.0	99	863810	4.97	
$ 11 2,4,6-Tribromophenol	330	9.147	9.147	0.0	89	131908	5.96	
$ 12 Terphenyl-d14	244	11.083	11.083	0.0	98	926375	5.10	
16 2,3-Dichlorophenol	1		0.000					
19 Bis(4-hydroxyphenyl)methane	1		0.000					
243 3-(1,1-Dimethylethyl Phenol) TIC	1		0.000					
241 Tricresyl phosphate TIC	1		0.000					
234 2-Isopropylphenol TIC	1		0.000					
240 3-isopropylphenol TIC	1		0.000					
13 Bis(2-hydroxyphenyl)methane	1		0.000					
238 Trimethyl phosphate TIC	1		0.000					
242 Triphenyl Phosphate TIC	1		0.000					
15 Catechol	1		0.000					
14 4-Methylcatechol	1		0.000					
239 2,3,7,8 TCDF TIC	1		0.000					
237 Tris(2,3-dibromopropyl)phosphate	1		0.000					
17 4-Chlorophenol	1		0.000					
23 Octachlorocyclopentene	1		0.000					
235 2,3,7,8-TCDD TIC	1		0.000					
22 3-Methylcatechol	1		0.000					
20 2,5-Dichlorophenol	1		0.000					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
236 4-isopropylphenol TIC	1		0.000					
21 Octachlorostyrene	1		0.000					
24 1,4-Dioxane	88	2.317	2.322	-0.005	96	120115	4.31	
25 N-Nitrosodimethylamine	74	2.772	2.761	0.011	88	238470	5.15	
26 Pyridine	79	2.825	2.825	0.0	93	406015	5.08	
232 1-Methyl-2-pyrrilidinone	99		3.271					
27 Ethyl methacrylate	69	3.515	3.515	0.0	90	321708	4.85	
18 Dimethylformamide	73		3.545					
28 3-Chloropropionitrile	54	3.916	3.916	0.0	90	238084	5.38	
30 2-Picoline	93		3.964					9
31 N-Nitrosomethylethylamine	88		4.103					9
32 Malononitrile	66	4.285	4.280	0.005	98	444069	5.32	
33 Acrylamide	71	4.387	4.401	-0.014	1	58	0	
34 Methyl methanesulfonate	80		4.451					
29 3-Picoline	93		4.510					
233 n,n'-Dimethylacetamide	44	4.590	4.536	0.054	0	3873	0	
35 N-Nitrosodiethylamine	102		4.868					
36 Ethyl methanesulfonate	79		5.162					
37 2-Methylcyclohexanone	68	5.371	5.376	-0.005	1	396	0	
38 3-Methylcyclohexanone	69	5.414	5.414	0.0	1	526	0	
39 4-Methylcyclohexanone	55	5.521	5.462	0.059	10	46919	0	
40 Benzaldehyde	77	5.467	5.467	0.0	92	328317	5.24	
41 Phenol	94	5.521	5.521	0.0	99	511777	5.09	
42 Phenylmercaptan	110		5.524					
43 Aniline	93	5.564	5.564	0.0	97	634148	5.05	
44 Bis(2-chloroethyl)ether	93	5.617	5.617	0.0	94	387014	4.99	
45 Pentachloroethane	167		5.633					
46 2-Chlorophenol	128	5.671	5.671	0.0	95	415278	5.12	
47 1,3-Dichlorobenzene	146	5.815	5.815	0.0	97	432753	4.95	
48 1,4-Dichlorobenzene	146	5.879	5.879	0.0	91	423866	4.88	
49 Benzyl alcohol	108	5.981	5.981	0.0	93	260431	5.21	
50 1,2-Dichlorobenzene	146	6.018	6.018	0.0	94	407014	4.91	
51 2-Methylphenol	108	6.072	6.072	0.0	95	374951	5.12	
52 2,2'-oxybis[1-chloropropane]	45	6.098	6.098	0.0	91	575247	5.05	
53 Indene	115		6.107					
191 3 & 4 Methylphenol	108	6.200	6.200	0.0	98	381998	4.98	
56 N-Nitrosodi-n-propylamine	70	6.211	6.211	0.0	91	284186	5.23	
55 N-Nitrosopyrrolidine	100		6.216					
57 Acetophenone	105	6.216	6.216	0.0	93	541920	4.99	
58 N-Nitrosomorpholine	56		6.248					9
59 2-Toluidine	106		6.269					
60 Hexachloroethane	117	6.323	6.323	0.0	93	162988	4.61	
61 Nitrobenzene	77	6.371	6.371	0.0	85	431678	5.12	
62 N-Nitrosopiperidine	114		6.521					
63 Isophorone	82	6.574	6.574	0.0	97	794022	5.36	
65 2-Nitrophenol	139	6.649	6.649	0.0	96	202314	5.10	
66 1,3,5-Trichlorobenzene	180	6.660	6.660	0.0	96	375576	5.10	
64 2,4-Dimethylphenol	107	6.671	6.671	0.0	84	413190	5.30	
69 Benzoic acid	122	6.724	6.735	-0.011	84	476550	10.0	
67 o,o',o''-Triethylphosphorothioat	198		6.740					
68 Bis(2-chloroethoxy)methane	93	6.756	6.756	0.0	99	471913	5.02	
71 2,4-Dichlorophenol	162	6.853	6.853	0.0	95	322472	5.23	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
70 alpha,alpha-Dimethyl phenethylam	58		6.863					9
72 1,2,4-Trichlorobenzene	180	6.933	6.933	0.0	93	377019	5.13	
73 Naphthalene	128	7.008	7.002	0.006	95	1154071	4.98	
74 4-Chloroaniline	127	7.040	7.040	0.0	86	491165	4.97	
75 2,6-Dichlorophenol	162		7.066					9
76 Hexachloropropene	213		7.093					
77 Hexachlorobutadiene	225	7.104	7.104	0.0	94	195948	4.92	
78 1,2,3-Trichlorobenzene	180	7.125	7.125	0.0	94	355223	0	
79 Benzothiazole	135		7.235					9
80 Quinoline	129		7.300					9
83 Caprolactam	113	7.323	7.323	0.0	72	120655	5.10	
81 N-Nitrosodi-n-butylamine	84		7.328					
82 p-Phenylene diamine	108		7.355					
84 4-Chloro-3-methylphenol	107	7.436	7.436	0.0	97	358555	5.41	
93 Safrole, Total	162		7.521					
85 2-Methylnaphthalene	142	7.596	7.596	0.0	89	757914	5.11	
86 1-Methylnaphthalene	142	7.682	7.682	0.0	89	712133	5.04	
87 1,2,3,5-Tetrachlorobenzene	216	7.719	7.719	0.0	97	362747	4.99	
88 Hexachlorocyclopentadiene	237	7.724	7.724	0.0	51	51477	1.19	
89 1,2,4,5-Tetrachlorobenzene	216		7.751					
225 Isosafrole Peak 1	162		7.767					
90 2,4,6-Trichlorophenol	196	7.826	7.826	0.0	89	241694	5.36	
91 2,4,5-Trichlorophenol	196	7.858	7.853	0.005	95	263556	5.42	
227 Isosafrole Peak 2	162		7.960					
94 2,4-Toluene diamine	121	7.965	7.965	0.0	97	261788	5.54	
96 1,2,3,4 -Tetrachlorobenzene	216	7.976	7.976	0.0	94	355197	0	
95 1,1'-Biphenyl	154	7.986	7.987	-0.001	93	930304	4.92	
98 2-Chloronaphthalene	162	8.008	8.008	0.0	96	733577	4.96	
97 3,4-Dichloronitrobenzene	109		8.022					
99 Phenyl ether	170		8.081					9
100 2-Nitroaniline	65	8.083	8.083	0.0	83	245660	5.66	
101 1,4-Naphthoquinone	158		8.168					
102 1,4-Dinitrobenzene	168		8.211					9
103 Dimethyl phthalate	163	8.222	8.222	0.0	98	817535	5.20	
104 1,3-Dinitrobenzene	168		8.275					
105 2,6-Dinitrotoluene	165	8.281	8.281	0.0	94	187399	5.38	
106 1,2-Dinitrobenzene	168	8.329	8.329	0.0	90	97184	5.57	
107 Acenaphthylene	152	8.366	8.361	0.005	94	1230362	5.04	
108 3-Nitroaniline	138	8.430	8.425	0.005	95	217826	5.53	
110 Acenaphthene	153	8.511	8.511	0.0	95	737383	5.02	
109 2,4-Dinitrophenol	184	8.516	8.516	0.0	73	76160	4.99	
111 4-Nitrophenol	109	8.548	8.548	0.0	91	119876	5.29	
112 2,4-Dinitrotoluene	165	8.623	8.623	0.0	92	245568	5.25	
113 Pentachlorobenzene	250		8.633					9
114 Dibenzofuran	168	8.655	8.655	0.0	88	1078871	4.95	
115 2,3,5,6-Tetrachlorophenol	232	8.709	8.709	0.0	89	213231	5.32	
116 1-Naphthylamine	143		8.735					9
117 2,3,4,6-Tetrachlorophenol	232		8.762					
118 2-Naphthylamine	143		8.799					9
119 Diethyl phthalate	149	8.816	8.816	0.0	98	855859	5.21	
120 Thionazin	97		8.901					9
121 4-Chlorophenyl phenyl ether	204	8.928	8.928	0.0	92	433553	5.24	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
123 4-Nitroaniline	138	8.944	8.944	0.0	61	227493	5.39	
124 Fluorene	166	8.944	8.944	0.0	82	889000	5.08	
122 N-Nitro-o-toluidine	152		8.954					
126 4,6-Dinitro-2-methylphenol	198	8.965	8.965	0.0	83	76022	2.95	
125 Tributyl phosphate	99		8.992					
130 N-Nitrosodiphenylamine	169		9.024					
128 Diphenylamine	169	9.024	9.040	-0.016	91	668084	4.61	
131 Azobenzene	77	9.062	9.062	0.0	99	908069	4.87	
129 1,2-Diphenylhydrazine	77	9.062	9.062	0.0	0	908069	4.87	
132 Sulfotepp	202	9.136	9.152	-0.016	75	104975	5.40	
133 1,3,5-Trinitrobenzene	213		9.238					
228 Diallate Peak 1	86		9.275					
135 Phenacetin	108		9.281					9
136 Phorate	121		9.286					9
137 4-Bromophenyl phenyl ether	248	9.345	9.345	0.0	62	245947	5.04	
230 Diallate Peak 2	86		9.356					14
139 Hexachlorobenzene	284	9.409	9.409	0.0	91	257034	5.11	
138 Dimethoate	87		9.430					9
140 Atrazine	200	9.457	9.457	0.0	90	194906	5.42	
141 Pentachlorophenol	266	9.564	9.564	0.0	85	335473	10.1	
127 4-Aminobiphenyl	169		9.575					
143 Pentachloronitrobenzene	237		9.591					
142 Pronamide	173		9.607					
145 Dinoseb	211		9.719					
144 Disulfoton	88		9.725					9
146 Phenanthrene	178	9.757	9.757	0.0	97	1267984	4.85	
147 Anthracene	178	9.800	9.800	0.0	98	1327893	5.11	
148 DFTPP								
149 Carbazole	167	9.928	9.928	0.0	82	1263867	5.01	
150 Methyl parathion	109		10.045					9
151 Di-n-butyl phthalate	149	10.185	10.185	0.0	100	1484975	5.24	
152 Diphenylsulfone	125		10.209					9
153 Ethyl Parathion	97		10.366					9
154 4-Nitroquinoline-1-oxide	190		10.420					
155 Methapyrilene	58		10.463					9
156 Isodrin	66		10.655					9
157 Fluoranthene	202	10.762	10.762	0.0	97	1499660	5.19	
158 Benzidine	184	10.859	10.859	0.0	99	776383	4.96	
160 Pyrene	202	10.971	10.971	0.0	96	1538636	4.92	
164 4,4'-DDE	246		11.019					
226 Aramite Peak 1	185		11.056					
229 Aramite Peak 2	185		11.126					
161 p-Dimethylamino azobenzene	225		11.233					
162 Chlorobenzilate	139		11.265					
163 4,4'-DDD	235		11.388					
165 Famphur	218		11.522					9
166 Butyl benzyl phthalate	149	11.549	11.549	0.0	97	672012	5.36	
167 3,3'-Dimethylbenzidine	212		11.581					
168 4,4'-DDT	235		11.672					
169 2-Acetylaminofluorene	181		11.859					9
170 3,3'-Dimethoxybenzidine	244	12.148	12.148	0.0	95	384904	6.11	
173 3,3'-Dichlorobenzidine	252	12.191	12.191	-0.001	67	559226	5.24	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
172 4,4'-Methylene bis(2-chloroanili	231	12.191	12.191	-0.001	69	264784	5.46	
171 Bis(2-ethylhexyl) phthalate	149	12.212	12.207	0.005	95	946480	5.36	
175 Benzo[a]anthracene	228	12.244	12.244	0.0	98	1436500	5.25	
176 Chrysene	228	12.287	12.287	0.0	96	1343217	5.15	
174 Hexabromobenzene	232		12.290					
177 6-Methylchrysene	242		12.894					
178 Di-n-octyl phthalate	149	13.100	13.100	0.0	99	1630605	6.34	
180 Benzo[b]fluoranthene	252	13.726	13.726	0.0	94	1332118	5.68	
179 7,12-Dimethylbenz(a)anthracene	256		13.736					9
181 Benzo[k]fluoranthene	252	13.763	13.763	0.0	99	1439078	5.65	
182 Benzo[a]pyrene	252	14.218	14.212	0.006	77	1217185	5.15	
183 3-Methylcholanthrene	268		14.774					9
184 Dibenz[a,j]acridine	279		15.595					
185 Dibenz[a,h]acridine	279		15.670					9
186 Indeno[1,2,3-cd]pyrene	276	15.929	15.929	0.0	97	894414	3.48	
187 Dibenz(a,h)anthracene	278	15.956	15.956	0.0	81	784819	3.60	
188 Benzo[g,h,i]perylene	276	16.362	16.362	0.0	93	653012	3.10	
S 189 Methyl Phenols,Total	100				0		5.12	
S 92 Isosafrole	162		5.138					7
S 134 Diallate	86		6.337					7
S 159 Aramite, Total	185		7.806					7
T 195 Hexamethylphosphoramide TIC	1		0.000					1
T 193 Hydroquinone TIC	110	7.291	0.0	7.291	90	159941	0	
T 231 2,3,7,8-TCDD	1		0.000					1
T 192 Decane TIC	142	3.060	3.050	0.010	1	265	0	
T 194 Octadecane (TIC)	254	13.389	6.300	7.089	87	32092	0	
T 196 Kepone TIC	1		8.281					1
T 197 Hexachlorophene TIC	1		9.269					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
4 - Failed Signal Ratio Test
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

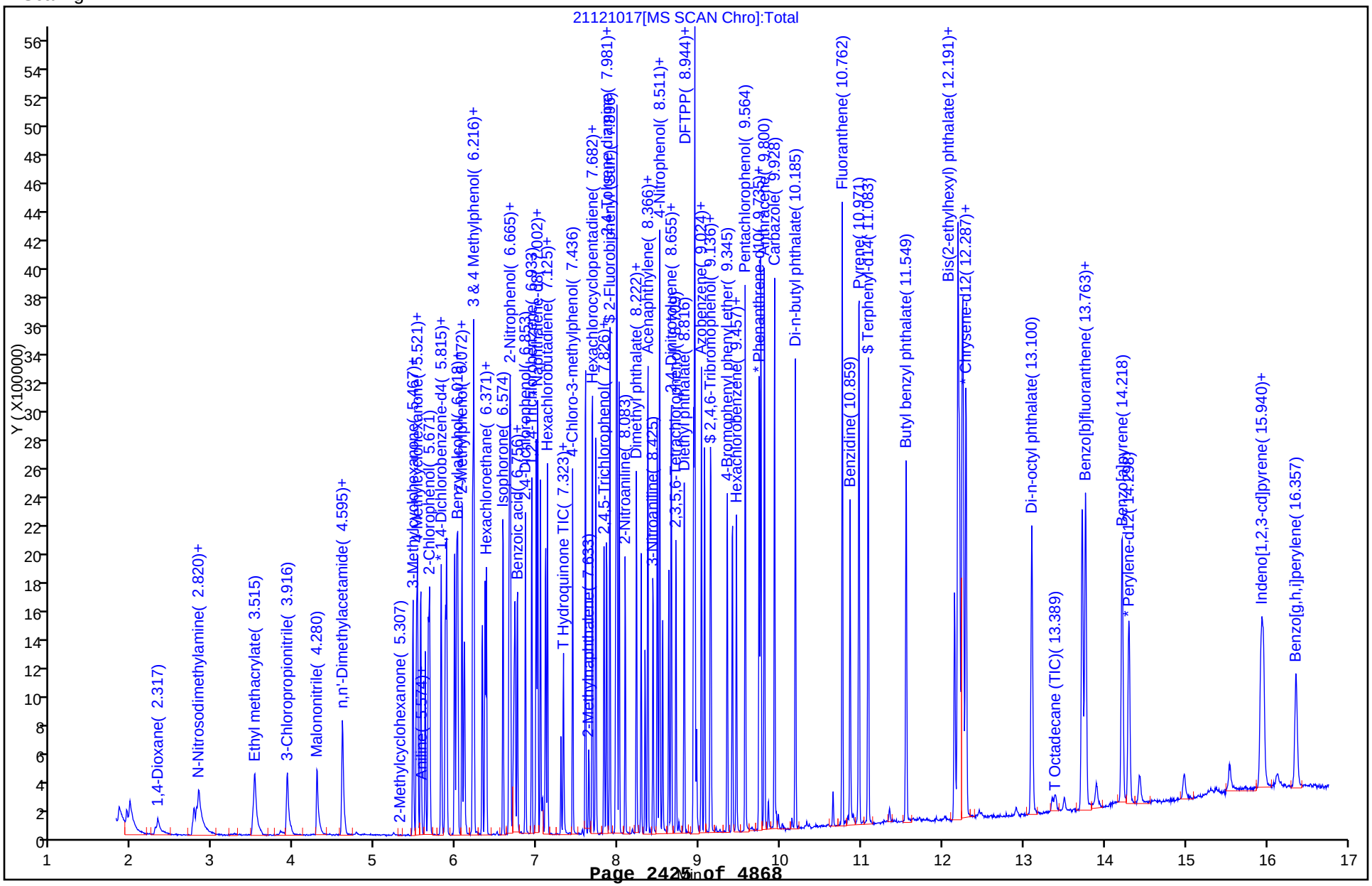
Report Date: 23-Nov-2012 10:11:10 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121017.D

Injection Date:	21-Nov-2012 17:33:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	17
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-66051/3

Matrix: Solid | Lab File ID: 21123003.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 11/23/2012 10:18

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66051 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	4.94		0.00020	0.00010	0.00010
208-96-8	Acenaphthylene	4.93		0.00020	0.00010	0.00010
120-12-7	Anthracene	5.01		0.00020	0.00010	0.00010
56-55-3	Benzo[a]anthracene	5.01		0.00020	0.00010	0.00010
50-32-8	Benzo[a]pyrene	5.16		0.00020	0.00010	0.00010
205-99-2	Benzo[b]fluoranthene	5.03		0.00020	0.00010	0.00010
191-24-2	Benzo[g,h,i]perylene	5.40		0.00020	0.00010	0.00010
65-85-0	Benzoic acid	8.86		0.025	0.010	0.010
207-08-9	Benzo[k]fluoranthene	5.30		0.00020	0.00010	0.00010
100-51-6	Benzyl alcohol	4.88		0.0050	0.00080	0.00038
111-91-1	Bis(2-chloroethoxy)methane	5.01		0.0010	0.00080	0.00032
111-44-4	Bis(2-chloroethyl)ether	4.91		0.0010	0.00010	0.00010
117-81-7	Bis(2-ethylhexyl) phthalate	5.19		0.0020	0.00080	0.00080
101-55-3	4-Bromophenyl phenyl ether	5.06		0.0020	0.00080	0.00080
85-68-7	Butyl benzyl phthalate	5.09		0.0010	0.00080	0.00080
86-74-8	Carbazole	4.97		0.0010	0.00080	0.00028
59-50-7	4-Chloro-3-methylphenol	5.07		0.0020	0.00080	0.00080
91-58-7	2-Chloronaphthalene	4.85		0.0010	0.00010	0.00010
95-57-8	2-Chlorophenol	4.82		0.0010	0.00080	0.00029
7005-72-3	4-Chlorophenyl phenyl ether	4.97		0.0020	0.00080	0.00030
218-01-9	Chrysene	4.95		0.00020	0.00010	0.00010
53-70-3	Dibenz(a,h)anthracene	4.89		0.00020	0.00010	0.00010
132-64-9	Dibenzofuran	4.80		0.0010	0.00010	0.00010
106-46-7	1,4-Dichlorobenzene	4.91		0.0010	0.00080	0.00034
95-50-1	1,2-Dichlorobenzene	4.84		0.0010	0.00080	0.00029
541-73-1	1,3-Dichlorobenzene	4.81		0.0010	0.00080	0.00080
91-94-1	3,3'-Dichlorobenzidine	5.12		0.0050	0.00080	0.00037
120-83-2	2,4-Dichlorophenol	5.14		0.0020	0.00080	0.00080
84-66-2	Diethyl phthalate	4.91		0.0010	0.00080	0.00060
105-67-9	2,4-Dimethylphenol	5.19		0.0020	0.00080	0.00080
131-11-3	Dimethyl phthalate	4.95		0.0010	0.00080	0.00029
84-74-2	Di-n-butyl phthalate	5.20		0.0010	0.00080	0.00067
534-52-1	4,6-Dinitro-2-methylphenol	5.07		0.0050	0.0024	0.0024
51-28-5	2,4-Dinitrophenol	9.52		0.0050	0.0024	0.0024

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-66051/3

Matrix: Solid | Lab File ID: 21123003.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 11/23/2012 10:18

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66051 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
121-14-2	2,4-Dinitrotoluene	5.07		0.0050	0.00080	0.00027
606-20-2	2,6-Dinitrotoluene	5.13		0.0050	0.00080	0.00080
117-84-0	Di-n-octyl phthalate	5.20		0.0010	0.00080	0.00080
206-44-0	Fluoranthene	5.14		0.00020	0.00010	0.00010
86-73-7	Fluorene	4.96		0.00020	0.00010	0.00010
118-74-1	Hexachlorobenzene	5.13		0.00020	0.00010	0.00010
87-68-3	Hexachlorobutadiene	4.91		0.0010	0.00080	0.00027
77-47-4	Hexachlorocyclopentadiene	5.02		0.010	0.00080	0.00080
67-72-1	Hexachloroethane	4.93		0.0010	0.00080	0.00080
193-39-5	Indeno[1,2,3-cd]pyrene	5.10		0.00020	0.00010	0.00010
78-59-1	Isophorone	5.11		0.0010	0.00080	0.00027
91-57-6	2-Methylnaphthalene	4.96		0.00020	0.00010	0.00010
95-48-7	2-Methylphenol	4.98		0.0010	0.00080	0.00080
15831-10-4	3 & 4 Methylphenol	4.90		0.0020	0.00080	0.00080
91-20-3	Naphthalene	4.87		0.00020	0.00010	0.00010
88-74-4	2-Nitroaniline	5.46		0.0020	0.00080	0.00080
99-09-2	3-Nitroaniline	5.23		0.0020	0.00080	0.00028
100-01-6	4-Nitroaniline	5.06		0.0020	0.00080	0.00080
98-95-3	Nitrobenzene	5.19		0.0010	0.00010	0.000040
88-75-5	2-Nitrophenol	5.38		0.0020	0.00080	0.00028
100-02-7	4-Nitrophenol	5.22		0.0050	0.0024	0.0024
621-64-7	N-Nitrosodi-n-propylamine	5.23		0.0010	0.00080	0.00080
86-30-6	N-Nitrosodiphenylamine	5.01		0.0010	0.00080	0.00031
87-86-5	Pentachlorophenol	9.75		0.0050	0.0024	0.0024
85-01-8	Phenanthrene	4.95		0.00020	0.00010	0.00010
108-95-2	Phenol	4.88		0.0010	0.00080	0.00060
129-00-0	Pyrene	4.97		0.00020	0.00010	0.00010
120-82-1	1,2,4-Trichlorobenzene	5.00		0.0010	0.00080	0.00028
95-95-4	2,4,5-Trichlorophenol	5.12		0.0050	0.00080	0.00030
88-06-2	2,4,6-Trichlorophenol	5.24		0.0050	0.00080	0.00080

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-66051/3

Matrix: Solid | Lab File ID: 21123003.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 11/23/2012 10:18

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66051 | Units: ng/uL

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	97		50-150
367-12-4	2-Fluorophenol (Surr)	100		50-150
4165-60-0	Nitrobenzene-d5 (Surr)	104	Q	50-150
1718-51-0	Terphenyl-d14 (Surr)	101		50-150
118-79-6	2,4,6-Tribromophenol (Surr)	106		50-150
4165-62-2	Phenol-d5 (Surr)	97		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123003.D		
Lims ID:	mrl qc	Client ID:	
Inject. Date:	23-Nov-2012 10:18:30	Dil. Factor:	1.0000
Sample Type:	MRL		
Sample ID:	240-0015199-003		
Misc. Info.:	mrl qc		
Operator:	001710	Instrument ID:	A4HP7
Injection Vol:	1.0 ul	ALS Bottle#:	3
Lims Batch ID:	66051	Lims Sample ID:	3
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP7\20121123-15199.b\8270_hp7.m		
Last Update:	27-Nov-2012 11:13:42	Calib Date:	14-Nov-2012 18:19:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP7\20121114-14953.b\21114010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK011		
First Level Reviewer: gurneyk		Date:	27-Nov-2012 11:14:08

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.851	5.856	-0.005	95	174427	4.00	
* 2 Naphthalene-d8	136	6.974	6.979	-0.005	99	650244	4.00	
* 3 Acenaphthene-d10	164	8.466	8.471	-0.005	92	380206	4.00	
* 4 Phenanthrene-d10	188	9.723	9.728	-0.005	98	648760	4.00	
* 5 Chrysene-d12	240	12.232	12.242	-0.010	97	663308	4.00	
* 6 Perylene-d12	264	14.269	14.275	-0.006	96	566429	4.00	
$ 7 2-Fluorophenol	112	4.583	4.583	0.0	91	268942	4.99	
$ 8 Phenol-d5	99	5.498	5.503	-0.005	96	331711	4.85	
$ 9 Nitrobenzene-d5	82	6.343	6.348	-0.005	89	298366	5.22	
$ 10 2-Fluorobiphenyl (Surr)	172	7.883	7.888	-0.005	99	599076	4.86	
$ 11 2,4,6-Tribromophenol	330	9.129	9.135	-0.006	89	83317	5.30	
$ 12 Terphenyl-d14	244	11.066	11.071	-0.005	99	621800	5.06	
236 4-isopropylphenol TIC	1		0.000					
21 Octachlorostyrene	1		0.000					
22 3-Methylcatechol	1		0.000					
20 2,5-Dichlorophenol	1		0.000					
240 3-isopropylphenol TIC	1		0.000					
234 2-Isopropylphenol TIC	1		0.000					
238 Trimethyl phosphate TIC	1		0.000					
13 Bis(2-hydroxyphenyl)methane	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
19 Bis(4-hydroxyphenyl)methane	1		0.000					
243 3-(1,1-Dimethylethyl Phenol) TIC	1		0.000					
241 Tricresyl phosphate TIC	1		0.000					
17 4-Chlorophenol	1		0.000					
237 Tris(2,3-dibromopropyl)phosphate	1		0.000					
235 2,3,7,8-TCDD TIC	1		0.000					
23 Octachlorocyclopentene	1		0.000					
242 Triphenyl Phosphate TIC	1		0.000					
15 Catechol	1		0.000					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
14 4-Methylcatechol	1		0.000					
239 2,3,7,8 TCDF TIC	1		0.000					
24 1,4-Dioxane	88	2.294	2.294	0.0	95	99447	4.91	
25 N-Nitrosodimethylamine	74	2.738	2.738	0.0	93	161690	4.84	
26 Pyridine	79	2.791	2.786	0.005	94	307160	5.30	
232 1-Methyl-2-pyrrilidinone	99		3.271					14
27 Ethyl methacrylate	69	3.492	3.486	0.006	89	225410	4.68	
18 Dimethylformamide	73		3.545					
28 3-Chloropropionitrile	54	3.898	3.898	0.0	87	167288	5.20	
30 2-Picoline	93		3.964					9
31 N-Nitrosomethylethylamine	88		4.103					
32 Malononitrile	66	4.267	4.267	0.0	99	293707	4.84	
33 Acrylamide	71	4.407	4.401	0.005	6	94	0	
34 Methyl methanesulfonate	80		4.451					
29 3-Picoline	93		4.510					
233 n,n'-Dimethylacetamide	44		4.536					1
35 N-Nitrosodiethylamine	102		4.868					
36 Ethyl methanesulfonate	79		5.162					9
37 2-Methylcyclohexanone	68	5.359	5.376	-0.017	1	273	0	
38 3-Methylcyclohexanone	69	5.401	5.414	-0.013	1	453	0	
40 Benzaldehyde	77	5.455	5.455	0.0	90	232670	5.12	
39 4-Methylcyclohexanone	55	5.423	5.462	-0.039	1	799	0	
41 Phenol	94	5.508	5.514	-0.006	99	356111	4.88	
42 Phenylmercaptan	110		5.524					
43 Aniline	93	5.551	5.551	0.0	97	447701	4.90	
44 Bis(2-chloroethyl)ether	93	5.605	5.605	0.001	95	276573	4.91	
45 Pentachloroethane	167		5.633					
46 2-Chlorophenol	128	5.658	5.658	0.0	98	284055	4.82	
47 1,3-Dichlorobenzene	146	5.802	5.802	0.0	97	305462	4.81	
48 1,4-Dichlorobenzene	146	5.867	5.872	-0.005	92	309841	4.91	
49 Benzyl alcohol	108	5.968	5.968	0.0	90	177351	4.88	
50 1,2-Dichlorobenzene	146	6.006	6.011	-0.005	94	291285	4.84	
51 2-Methylphenol	108	6.059	6.059	0.0	95	265081	4.98	
52 2,2'-oxybis[1-chloropropane]	45	6.086	6.091	-0.005	92	410768	4.97	
53 Indene	115		6.107					9
191 3 & 4 Methylphenol	108	6.193	6.193	0.0	98	273488	4.90	
56 N-Nitrosodi-n-propylamine	70	6.198	6.204	-0.006	92	206507	5.23	
57 Acetophenone	105	6.204	6.209	-0.005	93	383699	4.87	
55 N-Nitrosopyrrolidine	100		6.216					9
58 N-Nitrosomorpholine	56		6.248					9
59 2-Toluidine	106		6.269					9
60 Hexachloroethane	117	6.311	6.311	0.0	93	126608	4.93	
61 Nitrobenzene	77	6.359	6.364	-0.005	87	306619	5.19	
62 N-Nitrosopiperidine	114		6.521					
63 Isophorone	82	6.562	6.567	-0.005	98	529806	5.11	
65 2-Nitrophenol	139	6.637	6.642	-0.005	95	149648	5.38	
66 1,3,5-Trichlorobenzene	180	6.648	6.653	-0.005	95	258724	5.02	
64 2,4-Dimethylphenol	107	6.658	6.658	0.0	85	283504	5.19	
69 Benzoic acid	122	6.706	6.728	-0.022	86	287802	8.86	
67 o,o',o''-Triethylphosphorothioat	198		6.740					
68 Bis(2-chloroethoxy)methane	93	6.744	6.744	0.0	99	330118	5.01	
71 2,4-Dichlorophenol	162	6.840	6.845	-0.005	95	221882	5.14	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
70 alpha,alpha-Dimethyl phenethylam	58		6.863					
72 1,2,4-Trichlorobenzene	180	6.920	6.926	-0.006	93	257506	5.00	
73 Naphthalene	128	6.990	6.995	-0.005	96	791009	4.87	
74 4-Chloroaniline	127	7.027	7.033	-0.006	87	346296	5.00	
75 2,6-Dichlorophenol	162		7.066					9
77 Hexachlorobutadiene	225	7.092	7.091	0.001	93	137119	4.91	
76 Hexachloropropene	213		7.093					9
78 1,2,3-Trichlorobenzene	180	7.113	7.118	-0.005	90	242413	0	
79 Benzothiazole	135		7.235					9
80 Quinoline	129		7.300					
83 Caprolactam	113	7.305	7.316	-0.011	73	87332	5.27	
81 N-Nitrosodi-n-butylamine	84		7.328					9
82 p-Phenylene diamine	108		7.355					9
84 4-Chloro-3-methylphenol	107	7.423	7.428	-0.005	97	235183	5.07	
93 Safrole, Total	162		7.521					
85 2-Methylnaphthalene	142	7.584	7.584	0.0	89	515832	4.96	
86 1-Methylnaphthalene	142	7.664	7.669	-0.005	92	505734	5.11	
88 Hexachlorocyclopentadiene	237	7.712	7.712	0.0	77	154704	5.02	
87 1,2,3,5-Tetrachlorobenzene	216	7.707	7.712	-0.005	95	254673	4.93	
89 1,2,4,5-Tetrachlorobenzene	216		7.751					
225 Isosafrole Peak 1	162		7.767					
90 2,4,6-Trichlorophenol	196	7.814	7.814	0.0	90	167803	5.24	
91 2,4,5-Trichlorophenol	196	7.840	7.846	-0.006	94	176770	5.12	
94 2,4-Toluene diamine	121	7.953	7.958	-0.005	97	170686	5.16	
227 Isosafrole Peak 2	162		7.960					
96 1,2,3,4 -Tetrachlorobenzene	216	7.963	7.969	-0.006	94	247388	0	
95 1,1'-Biphenyl	154	7.969	7.974	-0.005	95	648916	4.83	
98 2-Chloronaphthalene	162	7.995	8.001	-0.006	96	509598	4.85	
97 3,4-Dichloronitrobenzene	109		8.022					9
100 2-Nitroaniline	65	8.070	8.076	-0.006	80	168389	5.46	
99 Phenyl ether	170		8.081					
101 1,4-Naphthoquinone	158		8.168					
102 1,4-Dinitrobenzene	168		8.211					
103 Dimethyl phthalate	163	8.209	8.215	-0.006	98	552601	4.95	
105 2,6-Dinitrotoluene	165	8.268	8.273	-0.005	93	126305	5.13	
104 1,3-Dinitrobenzene	168		8.275					
106 1,2-Dinitrobenzene	168	8.316	8.322	-0.006	89	64555	5.21	
107 Acenaphthylene	152	8.348	8.354	-0.006	92	854631	4.93	
108 3-Nitroaniline	138	8.413	8.418	-0.005	94	146245	5.23	
110 Acenaphthene	153	8.498	8.498	0.0	92	515461	4.94	
109 2,4-Dinitrophenol	184	8.504	8.509	-0.005	79	144541	9.52	
111 4-Nitrophenol	109	8.536	8.536	0.0	91	84058	5.22	
112 2,4-Dinitrotoluene	165	8.611	8.616	-0.005	88	168020	5.07	
113 Pentachlorobenzene	250		8.633					9
114 Dibenzofuran	168	8.637	8.643	-0.006	88	743335	4.80	
115 2,3,5,6-Tetrachlorophenol	232	8.696	8.701	-0.005	92	152072	5.34	
116 1-Naphthylamine	143		8.735					9
117 2,3,4,6-Tetrachlorophenol	232		8.762					
118 2-Naphthylamine	143		8.799					9
119 Diethyl phthalate	149	8.798	8.803	-0.005	98	573690	4.91	
120 Thionazin	97		8.901					9
121 4-Chlorophenyl phenyl ether	204	8.915	8.921	-0.006	91	292037	4.97	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
124 Fluorene	166	8.931	8.931	0.0	91	616072	4.96	
123 4-Nitroaniline	138	8.931	8.937	-0.006	59	151304	5.06	
122 N-Nitro-o-toluidine	152		8.954					
126 4,6-Dinitro-2-methylphenol	198	8.953	8.958	-0.005	85	99687	5.07	
125 Tributyl phosphate	99		8.992					9
130 N-Nitrosodiphenylamine	169	9.012	9.017	-0.005	0	448099	5.01	
128 Diphenylamine	169	9.012	9.040	-0.028	91	448099	4.57	
131 Azobenzene	77	9.049	9.054	-0.005	99	623427	4.94	
129 1,2-Diphenylhydrazine	77	9.049	9.054	-0.005	0	620738	4.92	
132 Sulfotepp	202		9.152					
133 1,3,5-Trinitrobenzene	213		9.238					
228 Diallate Peak 1	86		9.275					
135 Phenacetin	108		9.281					
136 Phorate	121		9.286					
137 4-Bromophenyl phenyl ether	248	9.333	9.333	0.001	62	167488	5.06	
230 Diallate Peak 2	86		9.356					
139 Hexachlorobenzene	284	9.391	9.397	-0.006	86	174935	5.13	
138 Dimethoate	87		9.430					9
140 Atrazine	200	9.445	9.450	-0.005	91	137001	5.63	
141 Pentachlorophenol	266	9.552	9.557	-0.005	89	218207	9.75	
127 4-Aminobiphenyl	169		9.575					9
143 Pentachloronitrobenzene	237		9.591					9
142 Pronamide	173		9.607					
145 Dinoseb	211		9.719					
144 Disulfoton	88		9.725					9
146 Phenanthrene	178	9.744	9.750	-0.006	96	877126	4.95	
147 Anthracene	178	9.787	9.792	-0.005	98	882273	5.01	
148 DFTPP								
149 Carbazole	167	9.910	9.916	-0.006	82	849478	4.97	
150 Methyl parathion	109		10.045					
151 Di-n-butyl phthalate	149	10.172	10.172	0.0	99	998590	5.20	
152 Diphenylsulfone	125		10.209					
153 Ethyl Parathion	97		10.366					9
154 4-Nitroquinoline-1-oxide	190		10.420					
155 Methapyrilene	58		10.463					
156 Isodrin	66		10.655					
157 Fluoranthene	202	10.750	10.755	-0.005	97	1006176	5.14	
158 Benzidine	184	10.846	10.846	0.0	99	525627	4.96	
160 Pyrene	202	10.953	10.959	-0.005	96	1052110	4.97	
164 4,4'-DDE	246		11.012					
226 Aramite Peak 1	185		11.056					
229 Aramite Peak 2	185		11.126					
161 p-Dimethylamino azobenzene	225		11.233					
162 Chlorobenzilate	139		11.265					
163 4,4'-DDD	235		11.370					9
165 Famphur	218		11.522					
166 Butyl benzyl phthalate	149	11.531	11.536	-0.005	98	430496	5.09	
167 3,3'-Dimethylbenzidine	212		11.581					
168 4,4'-DDT	235		11.654					9
169 2-Acetylaminofluorene	181		11.859					
170 3,3'-Dimethoxybenzidine	244	12.130	12.135	-0.005	90	220677	5.31	
172 4,4'-Methylene bis(2-chloroanili	231	12.167	12.173	-0.006	66	168762	5.15	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
173 3,3'-Dichlorobenzidine	252	12.167	12.178	-0.011	66	369171	5.12	
171 Bis(2-ethylhexyl) phthalate	149	12.189	12.194	-0.005	95	620068	5.19	
175 Benzo[a]anthracene	228	12.221	12.226	-0.005	92	927544	5.01	
176 Chrysene	228	12.269	12.274	-0.005	95	872984	4.95	
174 Hexabromobenzene	232		12.290					
177 6-Methylchrysene	242		12.894					
178 Di-n-octyl phthalate	149	13.077	13.082	-0.005	99	1012045	5.20	
180 Benzo[b]fluoranthene	252	13.697	13.702	-0.005	96	909315	5.03	
179 7,12-Dimethylbenz(a)anthracene	256		13.736					
181 Benzo[k]fluoranthene	252	13.735	13.745	-0.010	94	1041612	5.30	
182 Benzo[a]pyrene	252	14.189	14.194	-0.005	75	938222	5.16	
183 3-Methylcholanthrene	268		14.774					9
184 Dibenz[a,j]acridine	279		15.595					
185 Dibenz[a,h]acridine	279		15.670					
186 Indeno[1,2,3-cd]pyrene	276	15.901	15.906	-0.005	98	1024063	5.10	
187 Dibenz(a,h)anthracene	278	15.922	15.933	-0.011	78	835069	4.89	
188 Benzo[g,h,i]perylene	276	16.323	16.334	-0.011	90	876383	5.40	
S 189 Methyl Phenols,Total	100				0		4.98	
S 92 Isosafrole	162		5.138					7
S 134 Diallate	86		6.337					7
S 159 Aramite, Total	185		7.806					7
T 231 2,3,7,8-TCDD	1		0.000					1
T 193 Hydroquinone TIC	110	7.279	0.0	7.279	90	47479	0	
T 195 Hexamethylphosphoramide TIC	1		0.000					1
T 192 Decane TIC	142	3.171	3.050	0.121	1	48	0	
T 194 Octadecane (TIC)	254	14.403	6.297	8.103	87	46844	0	
T 196 Kepone TIC	1		8.281					1
T 197 Hexachlorophene TIC	1		9.269					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
4 - Failed Signal Ratio Test
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

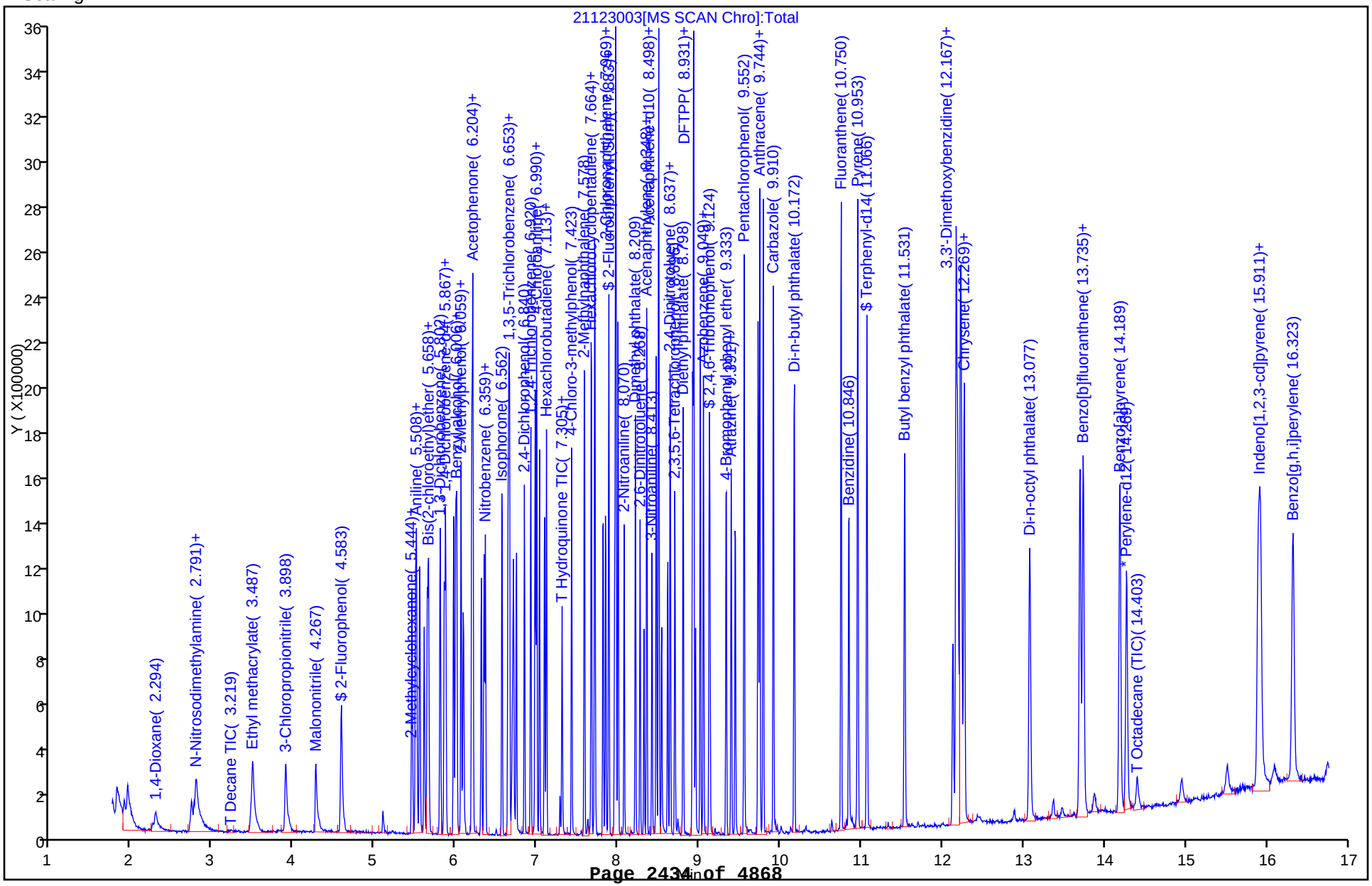
Report Date: 27-Nov-2012 11:14:09 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123003.D

Injection Date:	23-Nov-2012 10:18:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	66051	Lims Sample ID:	3
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-66051/13

Matrix: Solid | Lab File ID: 21123013.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 11/23/2012 14:35

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66051 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	5.03		0.00020	0.00010	0.00010
208-96-8	Acenaphthylene	5.02		0.00020	0.00010	0.00010
120-12-7	Anthracene	5.00		0.00020	0.00010	0.00010
56-55-3	Benzo[a]anthracene	5.21		0.00020	0.00010	0.00010
50-32-8	Benzo[a]pyrene	5.05		0.00020	0.00010	0.00010
205-99-2	Benzo[b]fluoranthene	5.31		0.00020	0.00010	0.00010
191-24-2	Benzo[g,h,i]perylene	4.59		0.00020	0.00010	0.00010
65-85-0	Benzoic acid	10.3		0.025	0.010	0.010
207-08-9	Benzo[k]fluoranthene	4.90		0.00020	0.00010	0.00010
100-51-6	Benzyl alcohol	5.10		0.0050	0.00080	0.00038
111-91-1	Bis(2-chloroethoxy)methane	4.99		0.0010	0.00080	0.00032
111-44-4	Bis(2-chloroethyl)ether	5.03		0.0010	0.00010	0.00010
117-81-7	Bis(2-ethylhexyl) phthalate	5.36		0.0020	0.00080	0.00080
101-55-3	4-Bromophenyl phenyl ether	5.01		0.0020	0.00080	0.00080
85-68-7	Butyl benzyl phthalate	5.37		0.0010	0.00080	0.00080
86-74-8	Carbazole	4.91		0.0010	0.00080	0.00028
59-50-7	4-Chloro-3-methylphenol	5.40		0.0020	0.00080	0.00080
91-58-7	2-Chloronaphthalene	4.97		0.0010	0.00010	0.00010
95-57-8	2-Chlorophenol	5.12		0.0010	0.00080	0.00029
7005-72-3	4-Chlorophenyl phenyl ether	5.14		0.0020	0.00080	0.00030
218-01-9	Chrysene	5.08		0.00020	0.00010	0.00010
53-70-3	Dibenz(a,h)anthracene	4.66		0.00020	0.00010	0.00010
132-64-9	Dibenzofuran	4.99		0.0010	0.00010	0.00010
106-46-7	1,4-Dichlorobenzene	5.00		0.0010	0.00080	0.00034
95-50-1	1,2-Dichlorobenzene	5.07		0.0010	0.00080	0.00029
541-73-1	1,3-Dichlorobenzene	4.94		0.0010	0.00080	0.00080
91-94-1	3,3'-Dichlorobenzidine	5.19		0.0050	0.00080	0.00037
120-83-2	2,4-Dichlorophenol	5.12		0.0020	0.00080	0.00080
84-66-2	Diethyl phthalate	5.22		0.0010	0.00080	0.00060
105-67-9	2,4-Dimethylphenol	5.12		0.0020	0.00080	0.00080
131-11-3	Dimethyl phthalate	5.19		0.0010	0.00080	0.00029
84-74-2	Di-n-butyl phthalate	5.14		0.0010	0.00080	0.00067
534-52-1	4,6-Dinitro-2-methylphenol	4.24		0.0050	0.0024	0.0024
51-28-5	2,4-Dinitrophenol	8.11		0.0050	0.0024	0.0024

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-66051/13

Matrix: Solid | Lab File ID: 21123013.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 11/23/2012 14:35

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66051 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
121-14-2	2,4-Dinitrotoluene	5.46		0.0050	0.00080	0.00027
606-20-2	2,6-Dinitrotoluene	5.33		0.0050	0.00080	0.00080
117-84-0	Di-n-octyl phthalate	5.40		0.0010	0.00080	0.00080
206-44-0	Fluoranthene	5.10		0.00020	0.00010	0.00010
86-73-7	Fluorene	5.04		0.00020	0.00010	0.00010
118-74-1	Hexachlorobenzene	4.97		0.00020	0.00010	0.00010
87-68-3	Hexachlorobutadiene	5.08		0.0010	0.00080	0.00027
77-47-4	Hexachlorocyclopentadiene	2.46	^	0.010	0.00080	0.00080
67-72-1	Hexachloroethane	4.90		0.0010	0.00080	0.00080
193-39-5	Indeno[1,2,3-cd]pyrene	4.66		0.00020	0.00010	0.00010
78-59-1	Isophorone	5.36		0.0010	0.00080	0.00027
91-57-6	2-Methylnaphthalene	4.90		0.00020	0.00010	0.00010
95-48-7	2-Methylphenol	5.08		0.0010	0.00080	0.00080
15831-10-4	3 & 4 Methylphenol	5.17		0.0020	0.00080	0.00080
91-20-3	Naphthalene	5.01		0.00020	0.00010	0.00010
88-74-4	2-Nitroaniline	5.54		0.0020	0.00080	0.00080
99-09-2	3-Nitroaniline	5.54		0.0020	0.00080	0.00028
100-01-6	4-Nitroaniline	5.47		0.0020	0.00080	0.00080
98-95-3	Nitrobenzene	5.23		0.0010	0.00010	0.000040
88-75-5	2-Nitrophenol	5.43		0.0020	0.00080	0.00028
100-02-7	4-Nitrophenol	5.32		0.0050	0.0024	0.0024
621-64-7	N-Nitrosodi-n-propylamine	5.43		0.0010	0.00080	0.00080
86-30-6	N-Nitrosodiphenylamine	4.89		0.0010	0.00080	0.00031
87-86-5	Pentachlorophenol	9.97		0.0050	0.0024	0.0024
85-01-8	Phenanthrene	4.72		0.00020	0.00010	0.00010
108-95-2	Phenol	5.28		0.0010	0.00080	0.00060
129-00-0	Pyrene	4.96		0.00020	0.00010	0.00010
120-82-1	1,2,4-Trichlorobenzene	5.26		0.0010	0.00080	0.00028
95-95-4	2,4,5-Trichlorophenol	5.55		0.0050	0.00080	0.00030
88-06-2	2,4,6-Trichlorophenol	5.55		0.0050	0.00080	0.00080

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-66051/13

Matrix: Solid | Lab File ID: 21123013.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 11/23/2012 14:35

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66051 | Units: ng/uL

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	99		50-150
367-12-4	2-Fluorophenol (Surr)	103		50-150
4165-60-0	Nitrobenzene-d5 (Surr)	107	Q	50-150
1718-51-0	Terphenyl-d14 (Surr)	101		50-150
118-79-6	2,4,6-Tribromophenol (Surr)	113		50-150
4165-62-2	Phenol-d5 (Surr)	104	Q	50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123013.D		
Lims ID:	mrl qccl	Client ID:	
Inject. Date:	23-Nov-2012 14:35:30	Dil. Factor:	1.0000
Sample Type:	MRL		
Sample ID:	240-0015199-013		
Misc. Info.:	mrl qccl		
Operator:	001710	Instrument ID:	A4HP7
Injection Vol:	1.0 ul	ALS Bottle#:	13
Lims Batch ID:	66051	Lims Sample ID:	13
Detector:	MS SCAN		
Method:	\\Ncchrom\ChromData\A4HP7\20121123-15199.b\8270_hp7.m		
Last Update:	26-Nov-2012 11:33:09	Calib Date:	14-Nov-2012 18:19:30
Quant Method:	Internal Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A4HP7\20121114-14953.b\21114010.D		
Limit Group:	MSS 8270 DOD ICAL		
Integrator:	RTE	ID Type:	Deconvolution ID
Column Type:	5% phenyl	Column Dia:	0.18 mm
Process Host:	XAWRK022		
First Level Reviewer: gruberj		Date:	26-Nov-2012 10:25:36

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.851	5.856	-0.005	97	208068	4.00	
* 2 Naphthalene-d8	136	6.974	6.979	-0.005	99	799434	4.00	
* 3 Acenaphthene-d10	164	8.466	8.471	-0.005	93	462980	4.00	
* 4 Phenanthrene-d10	188	9.723	9.728	-0.005	97	843957	4.00	
* 5 Chrysene-d12	240	12.237	12.242	-0.005	97	846858	4.00	
* 6 Perylene-d12	264	14.269	14.275	-0.006	96	754573	4.00	
$ 7 2-Fluorophenol	112	4.583	4.583	0.0	91	332563	5.17	
$ 8 Phenol-d5	99	5.498	5.503	-0.005	96	424133	5.19	
$ 9 Nitrobenzene-d5	82	6.343	6.348	-0.005	88	377758	5.37	
$ 10 2-Fluorobiphenyl (Surr)	172	7.883	7.888	-0.005	100	745011	4.96	
$ 11 2,4,6-Tribromophenol	330	9.129	9.135	-0.006	88	107845	5.63	
$ 12 Terphenyl-d14	244	11.066	11.071	-0.005	98	795846	5.07	
15 Catechol	1		0.000					
242 Triphenyl Phosphate TIC	1		0.000					
239 2,3,7,8 TCDF TIC	1		0.000					
14 4-Methylcatechol	1		0.000					
240 3-isopropylphenol TIC	1		0.000					
234 2-Isopropylphenol TIC	1		0.000					
238 Trimethyl phosphate TIC	1		0.000					
13 Bis(2-hydroxyphenyl)methane	1		0.000					
20 2,5-Dichlorophenol	1		0.000					
22 3-Methylcatechol	1		0.000					
236 4-isopropylphenol TIC	1		0.000					
21 Octachlorostyrene	1		0.000					
17 4-Chlorophenol	1		0.000					
237 Tris(2,3-dibromopropyl)phosphate	1		0.000					
235 2,3,7,8-TCDD TIC	1		0.000					
23 Octachlorocyclopentene	1		0.000					
241 Tricresyl phosphate TIC	1		0.000					
243 3-(1,1-Dimethylethyl Phenol) TIC	1		0.000					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
16 2,3-Dichlorophenol	1		0.000					
19 Bis(4-hydroxyphenyl)methane	1		0.000					
24 1,4-Dioxane	88	2.288	2.294	-0.006	96	117595	4.87	
25 N-Nitrosodimethylamine	74	2.738	2.738	0.0	91	208825	5.20	
26 Pyridine	79	2.791	2.786	0.005	94	369851	5.34	
232 1-Methyl-2-pyrrilidinone	99	3.278	3.271	0.007	0	216	0	
27 Ethyl methacrylate	69	3.487	3.486	0.001	91	294059	5.11	
18 Dimethylformamide	73		3.545					
28 3-Chloropropionitrile	54	3.898	3.898	0.0	89	211717	5.52	
30 2-Picoline	93		3.964					9
31 N-Nitrosomethylethylamine	88		4.103					
32 Malononitrile	66	4.267	4.267	0.0	98	382874	5.29	
33 Acrylamide	71	4.396	4.401	-0.005	8	277	0	
34 Methyl methanesulfonate	80		4.451					
29 3-Picoline	93		4.510					
233 n,n'-Dimethylacetamide	44	4.535	4.536	-0.001	0	1453	0	
35 N-Nitrosodiethylamine	102		4.868					
36 Ethyl methanesulfonate	79		5.162					9
37 2-Methylcyclohexanone	68	5.380	5.376	0.004	1	391	0	
38 3-Methylcyclohexanone	69	5.401	5.414	-0.013	1	275	0	
40 Benzaldehyde	77	5.455	5.455	0.0	95	285943	5.27	
39 4-Methylcyclohexanone	55	5.439	5.462	-0.023	1	3320	0	
41 Phenol	94	5.508	5.514	-0.006	100	459440	5.28	
42 Phenylmercaptan	110		5.524					
43 Aniline	93	5.551	5.551	0.0	98	568555	5.22	
44 Bis(2-chloroethyl)ether	93	5.605	5.605	0.001	94	338222	5.03	
45 Pentachloroethane	167		5.633					
46 2-Chlorophenol	128	5.658	5.658	0.0	97	359949	5.12	
47 1,3-Dichlorobenzene	146	5.803	5.802	0.001	96	374778	4.94	
48 1,4-Dichlorobenzene	146	5.867	5.872	-0.005	81	376187	5.00	
49 Benzyl alcohol	108	5.968	5.968	0.0	92	221235	5.10	
50 1,2-Dichlorobenzene	146	6.006	6.011	-0.005	94	363927	5.07	
51 2-Methylphenol	108	6.059	6.059	0.0	96	322295	5.08	
52 2,2'-oxybis[1-chloropropane]	45	6.086	6.091	-0.005	92	510773	5.18	
53 Indene	115		6.107					9
191 3 & 4 Methylphenol	108	6.193	6.193	0.0	98	343723	5.17	
56 N-Nitrosodi-n-propylamine	70	6.198	6.204	-0.006	92	255923	5.43	
57 Acetophenone	105	6.204	6.209	-0.005	92	472726	5.03	
55 N-Nitrosopyrrolidine	100		6.216					
58 N-Nitrosomorpholine	56		6.248					9
59 2-Toluidine	106		6.269					
60 Hexachloroethane	117	6.311	6.311	0.0	93	149988	4.90	
61 Nitrobenzene	77	6.359	6.364	-0.005	84	380195	5.23	
62 N-Nitrosopiperidine	114		6.521					
63 Isophorone	82	6.562	6.567	-0.005	99	683538	5.36	
65 2-Nitrophenol	139	6.637	6.642	-0.005	96	185736	5.43	
66 1,3,5-Trichlorobenzene	180	6.648	6.653	-0.005	96	330518	5.21	
64 2,4-Dimethylphenol	107	6.658	6.658	0.0	92	343979	5.12	
69 Benzoic acid	122	6.712	6.728	-0.016	86	423044	10.3	
67 o,o',o''-Triethylphosphorothioat	198		6.740					
68 Bis(2-chloroethoxy)methane	93	6.744	6.744	0.0	98	404146	4.99	
71 2,4-Dichlorophenol	162	6.840	6.845	-0.005	96	271679	5.12	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
70 alpha,alpha-Dimethyl phenethylam	58		6.863					
72 1,2,4-Trichlorobenzene	180	6.920	6.926	-0.006	89	332950	5.26	
73 Naphthalene	128	6.990	6.995	-0.005	95	1000833	5.01	
74 4-Chloroaniline	127	7.027	7.033	-0.006	85	428409	5.03	
75 2,6-Dichlorophenol	162		7.066					9
77 Hexachlorobutadiene	225	7.092	7.091	0.001	91	174196	5.08	
76 Hexachloropropene	213		7.093					9
78 1,2,3-Trichlorobenzene	180	7.113	7.118	-0.005	93	308314	0	
79 Benzothiazole	135		7.235					9
80 Quinoline	129		7.300					9
83 Caprolactam	113	7.311	7.316	-0.005	75	111123	5.44	
81 N-Nitrosodi-n-butylamine	84		7.328					9
82 p-Phenylene diamine	108		7.355					
84 4-Chloro-3-methylphenol	107	7.423	7.428	-0.005	96	307786	5.40	
93 Safrole, Total	162		7.521					
85 2-Methylnaphthalene	142	7.584	7.584	0.0	87	625650	4.90	
86 1-Methylnaphthalene	142	7.669	7.669	0.0	93	624040	5.13	
88 Hexachlorocyclopentadiene	237	7.712	7.712	0.0	61	92368	2.46	
87 1,2,3,5-Tetrachlorobenzene	216	7.712	7.712	0.0	97	309246	4.91	
89 1,2,4,5-Tetrachlorobenzene	216		7.751					
225 Isosafrole Peak 1	162		7.767					
90 2,4,6-Trichlorophenol	196	7.814	7.814	0.0	91	216612	5.55	
91 2,4,5-Trichlorophenol	196	7.846	7.846	0.0	96	233297	5.55	
94 2,4-Toluene diamine	121	7.953	7.958	-0.005	97	215020	5.28	
227 Isosafrole Peak 2	162		7.960					
96 1,2,3,4 -Tetrachlorobenzene	216	7.963	7.969	-0.006	94	309173	0	
95 1,1'-Biphenyl	154	7.974	7.974	0.0	93	789255	4.83	
98 2-Chloronaphthalene	162	7.995	8.001	-0.006	95	634787	4.97	
97 3,4-Dichloronitrobenzene	109		8.022					9
100 2-Nitroaniline	65	8.070	8.076	-0.006	83	208048	5.54	
99 Phenyl ether	170		8.081					9
101 1,4-Naphthoquinone	158		8.168					
102 1,4-Dinitrobenzene	168		8.211					
103 Dimethyl phthalate	163	8.209	8.215	-0.006	98	706035	5.19	
105 2,6-Dinitrotoluene	165	8.268	8.273	-0.005	94	160490	5.33	
104 1,3-Dinitrobenzene	168		8.275					
106 1,2-Dinitrobenzene	168	8.316	8.322	-0.006	89	85725	5.68	
107 Acenaphthylene	152	8.354	8.354	0.0	93	1059617	5.02	
108 3-Nitroaniline	138	8.418	8.418	0.0	94	188463	5.54	
110 Acenaphthene	153	8.498	8.498	0.0	92	638295	5.03	
109 2,4-Dinitrophenol	184	8.504	8.509	-0.005	80	141671	8.11	
111 4-Nitrophenol	109	8.536	8.536	0.0	91	104372	5.32	
112 2,4-Dinitrotoluene	165	8.611	8.616	-0.005	91	221332	5.46	
113 Pentachlorobenzene	250		8.633					9
114 Dibenzofuran	168	8.643	8.643	0.0	88	939883	4.99	
115 2,3,5,6-Tetrachlorophenol	232	8.702	8.701	0.001	90	191341	5.52	
116 1-Naphthylamine	143		8.735					9
117 2,3,4,6-Tetrachlorophenol	232		8.762					
118 2-Naphthylamine	143		8.799					9
119 Diethyl phthalate	149	8.798	8.803	-0.005	98	741863	5.22	
120 Thionazin	97		8.901					9
121 4-Chlorophenyl phenyl ether	204	8.915	8.921	-0.006	91	368299	5.14	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
124 Fluorene	166	8.931	8.931	0.0	83	763407	5.04	
123 4-Nitroaniline	138	8.931	8.937	-0.006	61	199686	5.47	
122 N-Nitro-o-toluidine	152		8.954					
126 4,6-Dinitro-2-methylphenol	198	8.953	8.958	-0.005	85	105198	4.24	
125 Tributyl phosphate	99		8.992					9
130 N-Nitrosodiphenylamine	169	9.012	9.017	-0.005	0	569137	4.89	
128 Diphenylamine	169	9.012	9.040	-0.028	91	569137	4.46	
131 Azobenzene	77	9.049	9.054	-0.005	99	795003	4.84	
129 1,2-Diphenylhydrazine	77	9.049	9.054	-0.005	0	794075	4.83	
132 Sulfotepp	202	9.124	9.152	-0.028	78	91375	5.33	
133 1,3,5-Trinitrobenzene	213		9.238					
228 Diallate Peak 1	86		9.275					
135 Phenacetin	108		9.281					9
136 Phorate	121		9.286					9
137 4-Bromophenyl phenyl ether	248	9.333	9.333	0.001	62	215755	5.01	
230 Diallate Peak 2	86		9.356					1
139 Hexachlorobenzene	284	9.391	9.397	-0.006	87	220303	4.97	
138 Dimethoate	87		9.430					9
140 Atrazine	200	9.445	9.450	-0.005	92	176294	5.57	
141 Pentachlorophenol	266	9.552	9.557	-0.005	90	290544	9.97	
127 4-Aminobiphenyl	169	9.552	9.575	-0.023	50	44436	0	
143 Pentachloronitrobenzene	237		9.591					9
142 Pronamide	173		9.607					
145 Dinoseb	211		9.719					
144 Disulfoton	88		9.725					9
146 Phenanthrene	178	9.744	9.750	-0.006	97	1088348	4.72	
147 Anthracene	178	9.787	9.792	-0.005	98	1144556	5.00	
148 DFTPP								
149 Carbazole	167	9.916	9.916	0.0	82	1093102	4.91	
150 Methyl parathion	109		10.045					9
151 Di-n-butyl phthalate	149	10.172	10.172	0.0	100	1284473	5.14	
152 Diphenylsulfone	125		10.209					9
153 Ethyl Parathion	97		10.366					
154 4-Nitroquinoline-1-oxide	190		10.420					
155 Methapyrilene	58		10.463					9
156 Isodrin	66		10.655					9
157 Fluoranthene	202	10.750	10.755	-0.005	97	1298601	5.10	
158 Benzidine	184	10.846	10.846	0.0	99	669810	4.95	
160 Pyrene	202	10.953	10.959	-0.005	96	1341425	4.96	
164 4,4'-DDE	246		11.012					9
226 Aramite Peak 1	185		11.056					
229 Aramite Peak 2	185		11.126					
161 p-Dimethylamino azobenzene	225		11.233					
162 Chlorobenzilate	139		11.265					
163 4,4'-DDD	235		11.370					
165 Famphur	218		11.522					9
166 Butyl benzyl phthalate	149	11.531	11.536	-0.005	97	581439	5.37	
167 3,3'-Dimethylbenzidine	212		11.581					9
168 4,4'-DDT	235		11.654					
169 2-Acetylaminofluorene	181		11.859					
170 3,3'-Dimethoxybenzidine	244	12.130	12.135	-0.005	88	320502	5.92	
172 4,4'-Methylene bis(2-chloroanili	231	12.167	12.173	-0.006	69	231498	5.52	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
173 3,3'-Dichlorobenzidine	252	12.167	12.178	-0.011	65	478354	5.19	
171 Bis(2-ethylhexyl) phthalate	149	12.189	12.194	-0.005	96	818419	5.36	
175 Benzo[a]anthracene	228	12.221	12.226	-0.005	95	1231014	5.21	
176 Chrysene	228	12.269	12.274	-0.005	94	1143523	5.08	
174 Hexabromobenzene	232		12.290					
177 6-Methylchrysene	242		12.894					
178 Di-n-octyl phthalate	149	13.071	13.082	-0.011	99	1406415	5.40	
180 Benzo[b]fluoranthene	252	13.697	13.702	-0.005	97	1279379	5.31	
179 7,12-Dimethylbenz(a)anthracene	256		13.736					9
181 Benzo[k]fluoranthene	252	13.740	13.745	-0.005	95	1281016	4.90	
182 Benzo[a]pyrene	252	14.189	14.194	-0.005	75	1222234	5.05	
183 3-Methylcholanthrene	268		14.774					9
184 Dibenz[a,j]acridine	279		15.595					
185 Dibenz[a,h]acridine	279		15.670					
186 Indeno[1,2,3-cd]pyrene	276	15.895	15.906	-0.011	98	1242051	4.66	
187 Dibenz(a,h)anthracene	278	15.922	15.933	-0.011	86	1057063	4.66	
188 Benzo[g,h,i]perylene	276	16.323	16.334	-0.011	95	990562	4.59	
S 189 Methyl Phenols,Total	100				0		5.08	
S 92 Isosafrole	162		5.138					7
S 134 Diallate	86		6.337					7
S 159 Aramite, Total	185		7.806					7
T 231 2,3,7,8-TCDD	1		0.000					1
T 193 Hydroquinone TIC	110	7.284	0.0	7.284	91	98478	0	
T 195 Hexamethylphosphoramide TIC	1		0.000					1
T 192 Decane TIC	142	3.059	3.050	0.009	1	200	0	
T 194 Octadecane (TIC)	254	13.366	6.297	7.066	91	40586	0	
T 196 Kepone TIC	1		8.281					1
T 197 Hexachlorophene TIC	1		9.269					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

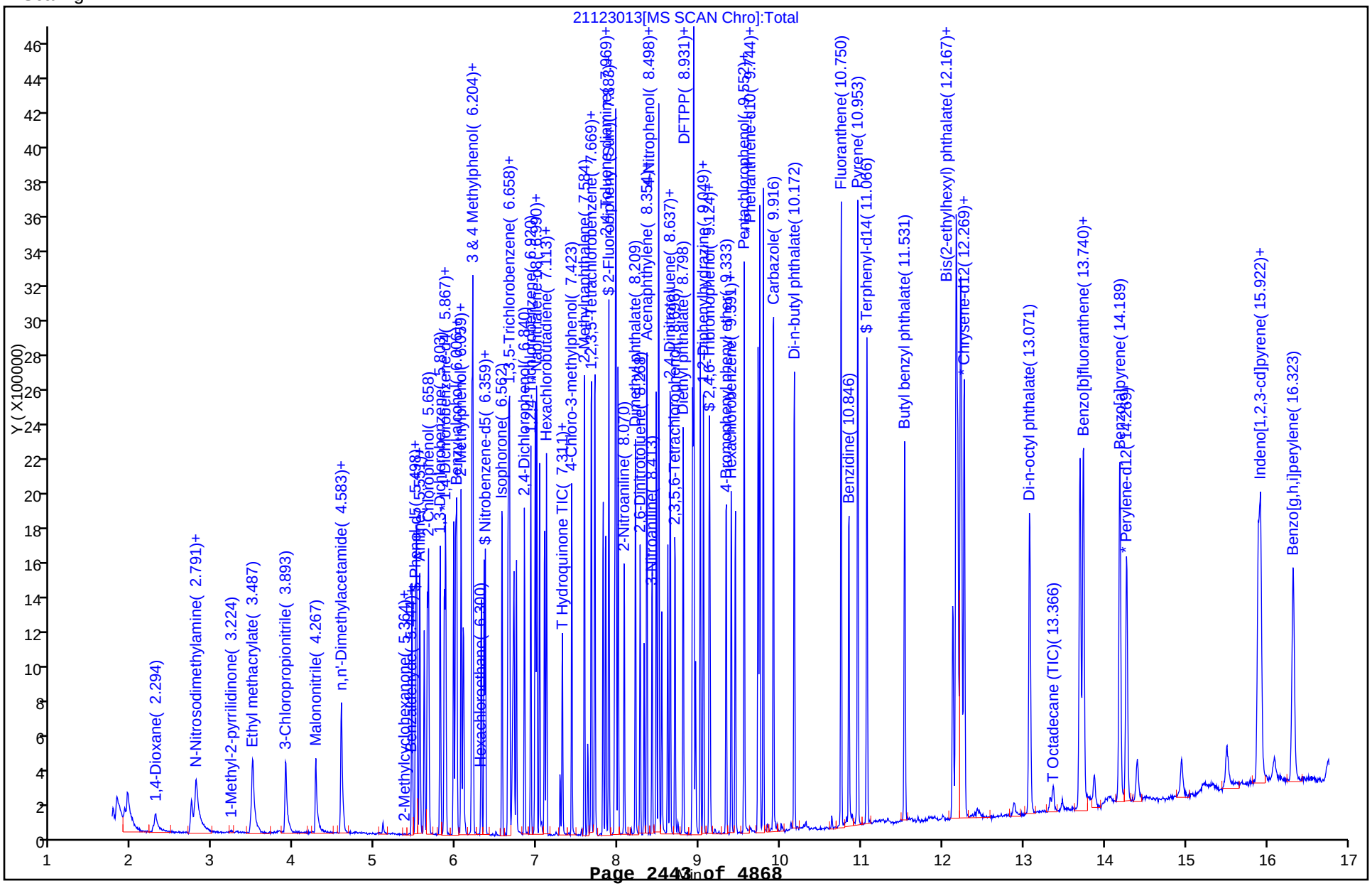
Report Date: 26-Nov-2012 11:33:21 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121123-15199.b\21123013.D

Injection Date:	23-Nov-2012 14:35:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP7
Lims Batch ID:	66051	Lims Sample ID:	13
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-66702/3

Matrix: Solid | Lab File ID: 21129003.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 11/29/2012 08:48

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66702 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	4.94		0.00020	0.00010	0.00010
208-96-8	Acenaphthylene	5.05		0.00020	0.00010	0.00010
120-12-7	Anthracene	5.18		0.00020	0.00010	0.00010
56-55-3	Benzo[a]anthracene	5.15		0.00020	0.00010	0.00010
50-32-8	Benzo[a]pyrene	5.19		0.00020	0.00010	0.00010
205-99-2	Benzo[b]fluoranthene	5.05		0.00020	0.00010	0.00010
191-24-2	Benzo[g,h,i]perylene	5.24		0.00020	0.00010	0.00010
65-85-0	Benzoic acid	10.5		0.025	0.010	0.010
207-08-9	Benzo[k]fluoranthene	5.08		0.00020	0.00010	0.00010
100-51-6	Benzyl alcohol	5.24		0.0050	0.00080	0.00038
111-91-1	Bis(2-chloroethoxy)methane	5.26		0.0010	0.00080	0.00032
111-44-4	Bis(2-chloroethyl)ether	5.09		0.0010	0.00010	0.00010
117-81-7	Bis(2-ethylhexyl) phthalate	5.23		0.0020	0.00080	0.00080
101-55-3	4-Bromophenyl phenyl ether	5.13		0.0020	0.00080	0.00080
85-68-7	Butyl benzyl phthalate	5.15		0.0010	0.00080	0.00080
86-74-8	Carbazole	5.17		0.0010	0.00080	0.00028
59-50-7	4-Chloro-3-methylphenol	5.25		0.0020	0.00080	0.00080
91-58-7	2-Chloronaphthalene	4.78		0.0010	0.00010	0.00010
95-57-8	2-Chlorophenol	5.08		0.0010	0.00080	0.00029
7005-72-3	4-Chlorophenyl phenyl ether	4.98		0.0020	0.00080	0.00030
218-01-9	Chrysene	5.16		0.00020	0.00010	0.00010
53-70-3	Dibenz(a,h)anthracene	5.31		0.00020	0.00010	0.00010
132-64-9	Dibenzofuran	4.95		0.0010	0.00010	0.00010
106-46-7	1,4-Dichlorobenzene	5.16		0.0010	0.00080	0.00034
95-50-1	1,2-Dichlorobenzene	5.06		0.0010	0.00080	0.00029
541-73-1	1,3-Dichlorobenzene	5.19		0.0010	0.00080	0.00080
91-94-1	3,3'-Dichlorobenzidine	5.20		0.0050	0.00080	0.00037
120-83-2	2,4-Dichlorophenol	5.05		0.0020	0.00080	0.00080
84-66-2	Diethyl phthalate	4.72		0.0010	0.00080	0.00060
105-67-9	2,4-Dimethylphenol	5.28		0.0020	0.00080	0.00080
131-11-3	Dimethyl phthalate	4.81		0.0010	0.00080	0.00029
84-74-2	Di-n-butyl phthalate	5.01		0.0010	0.00080	0.00067
534-52-1	4,6-Dinitro-2-methylphenol	5.27		0.0050	0.0024	0.0024
51-28-5	2,4-Dinitrophenol	9.89		0.0050	0.0024	0.0024

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-66702/3

Matrix: Solid | Lab File ID: 21129003.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 11/29/2012 08:48

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66702 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
121-14-2	2,4-Dinitrotoluene	5.20		0.0050	0.00080	0.00027
606-20-2	2,6-Dinitrotoluene	5.06		0.0050	0.00080	0.00080
117-84-0	Di-n-octyl phthalate	4.95		0.0010	0.00080	0.00080
206-44-0	Fluoranthene	4.97		0.00020	0.00010	0.00010
86-73-7	Fluorene	4.83		0.00020	0.00010	0.00010
118-74-1	Hexachlorobenzene	4.91		0.00020	0.00010	0.00010
87-68-3	Hexachlorobutadiene	4.95		0.0010	0.00080	0.00027
77-47-4	Hexachlorocyclopentadiene	5.29		0.010	0.00080	0.00080
67-72-1	Hexachloroethane	4.91		0.0010	0.00080	0.00080
193-39-5	Indeno[1,2,3-cd]pyrene	5.31		0.00020	0.00010	0.00010
78-59-1	Isophorone	5.20		0.0010	0.00080	0.00027
91-57-6	2-Methylnaphthalene	5.17		0.00020	0.00010	0.00010
95-48-7	2-Methylphenol	5.14		0.0010	0.00080	0.00080
15831-10-4	3 & 4 Methylphenol	5.03		0.0020	0.00080	0.00080
91-20-3	Naphthalene	5.11		0.00020	0.00010	0.00010
88-74-4	2-Nitroaniline	5.38		0.0020	0.00080	0.00080
99-09-2	3-Nitroaniline	5.29		0.0020	0.00080	0.00028
100-01-6	4-Nitroaniline	5.26		0.0020	0.00080	0.00080
98-95-3	Nitrobenzene	5.43		0.0010	0.00010	0.000040
88-75-5	2-Nitrophenol	5.62		0.0020	0.00080	0.00028
100-02-7	4-Nitrophenol	4.99		0.0050	0.0024	0.0024
621-64-7	N-Nitrosodi-n-propylamine	5.12		0.0010	0.00080	0.00080
86-30-6	N-Nitrosodiphenylamine	5.10		0.0010	0.00080	0.00031
87-86-5	Pentachlorophenol	10.1		0.0050	0.0024	0.0024
85-01-8	Phenanthrene	4.91		0.00020	0.00010	0.00010
108-95-2	Phenol	5.49		0.0010	0.00080	0.00060
129-00-0	Pyrene	5.08		0.00020	0.00010	0.00010
120-82-1	1,2,4-Trichlorobenzene	5.02		0.0010	0.00080	0.00028
95-95-4	2,4,5-Trichlorophenol	5.00		0.0050	0.00080	0.00030
88-06-2	2,4,6-Trichlorophenol	5.00		0.0050	0.00080	0.00080

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-66702/3

Matrix: Solid | Lab File ID: 21129003.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 11/29/2012 08:48

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66702 | Units: ng/uL

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	103		50-150
367-12-4	2-Fluorophenol (Surr)	106	Q	50-150
4165-60-0	Nitrobenzene-d5 (Surr)	109	Q	50-150
1718-51-0	Terphenyl-d14 (Surr)	98		50-150
118-79-6	2,4,6-Tribromophenol (Surr)	111		50-150
4165-62-2	Phenol-d5 (Surr)	106	Q	50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129003.D
Lims ID: mrl qc
Client ID:
Inject. Date: 29-Nov-2012 08:48:30
Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0015370-003
Misc. Info.: MRL QC =MRL QC
Operator: 001574
Instrument ID: A4HP9
Injection Vol: 1.0 ul
ALS Bottle#: 3
Lims Batch ID: 66702
Lims Sample ID: 3
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121129-15370.b\8270 _9.m
Last Update: 29-Nov-2012 12:55:48
Calib Date: 28-Nov-2012 18:11:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121128-15348.b\21127110.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: 5% phenyl
Column Dia: 0.18 mm
Process Host: XAWRK030

First Level Reviewer: ulmanm
Date: 29-Nov-2012 09:25:55

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.907	5.907	0.0	87	76136	4.00	
* 2 Naphthalene-d8	136	7.013	7.013	0.0	98	294178	4.00	
* 3 Acenaphthene-d10	164	8.503	8.503	0.0	75	187307	4.00	
* 4 Phenanthrene-d10	188	9.764	9.764	0.0	97	312019	4.00	
* 5 Chrysene-d12	240	12.307	12.307	0.0	72	289360	4.00	
* 6 Perylene-d12	264	14.369	14.374	-0.005	88	242068	4.00	
$ 7 2-Fluorophenol	112	4.662	4.662	0.0	89	163106	5.32	
$ 8 Phenol-d5	99	5.544	5.544	0.0	0	226016	5.32	
$ 9 Nitrobenzene-d5	82	6.383	6.388	-0.005	82	226389	5.47	
$ 10 2-Fluorobiphenyl (Surr)	172	7.921	7.921	0.0	99	291948	5.13	
$ 11 2,4,6-Tribromophenol	330	9.166	9.171	-0.005	78	37273	5.53	
$ 12 Terphenyl-d14	244	11.116	11.121	-0.005	96	282613	4.92	
20 Dimethylformamide	1		0.000					
19 Octachlorostyrene	1		0.000					
22 Bis(2-hydroxyphenyl)methane	1		0.000					
13 Octachlorocyclopentene	1		0.000					
23 2,5-Dichlorophenol	1		0.000					
18 Bis(4-hydroxyphenyl)methane	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
31 2-Picoline	93		2.310					
32 N-Nitrosomethylethylamine	88		2.374					
25 1,4-Dioxane	88	2.520	2.520	0.0	85	80232	4.51	M
34 Methyl methanesulfonate	80		2.587					
30 3-Picoline	93		2.651					
233 n,n'-Dimethylacetamide	44		2.662					
35 Acrylamide	71		2.744					
36 N-Nitrosodiethylamine	102		2.897					
26 N-Nitrosodimethylamine	74	2.974	2.969	0.005	81	134719	5.49	
27 Pyridine	79	3.033	3.027	0.006	86	228847	5.44	
37 Ethyl methanesulfonate	79		3.105					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
38 2-Methylcyclohexanone	68		3.292					
39 3-Methylcyclohexanone	69		3.319					
40 4-Methylcyclohexanone	55		3.356					
45 Pentachloroethane	167		3.501					
42 Phenylmercaptan	110		3.596					
28 Ethyl methacrylate	69	3.658	3.658	0.0	79	211678	5.94	
232 1-Methyl-2-pyrrilidinone	99		3.880					
56 N-Nitrosopyrrolidine	100		3.992					
59 N-Nitrosomorpholine	56		4.013					
29 3-Chloropropionitrile	54	4.021	4.021	0.0	84	88662	5.56	
60 2-Toluidine	106		4.040					
52 Indene	115		4.084					
63 N-Nitrosopiperidine	114		4.254					
33 Malononitrile	66	4.353	4.352	0.001	92	231300	5.77	
68 o,o',o''-Triethylphosphorothioat	198		4.435					
17 4-Chlorophenol	128		4.500					
24 Catechol	110		4.592					
72 alpha,alpha-Dimethyl phenethylam	58		4.601					9
77 2,6-Dichlorophenol	162		4.729					
78 Hexachloropropene	213		4.756					
15 3-Methylcatechol	124		4.913					
83 N-Nitrosodi-n-butylamine	84		4.953					9
85 p-Phenylene diamine	108		4.969					
14 4-Methylcatechol	124		5.036					
81 Benzothiazole	135		5.046					
82 Quinoline	129		5.099					
94 Safrole, Total	162		5.119					
91 1,2,4,5-Tetrachlorobenzene	216		5.327					
225 Isosafrole Peak 1	162		5.333					
227 Isosafrole Peak 2	162		5.498					
41 Benzaldehyde	77	5.512	5.512	0.0	84	186108	5.58	
43 Phenol	94	5.560	5.560	0.0	96	253616	5.49	
44 Aniline	93	5.603	5.602	0.001	95	308339	5.30	
69 Bis(2-chloroethyl)ether	93	5.656	5.656	0.0	93	184917	5.09	
103 1,4-Naphthoquinone	158		5.680					
46 2-Chlorophenol	128	5.709	5.709	0.0	89	137463	5.08	
104 1,4-Dinitrobenzene	168		5.712					
96 3,4-Dichloronitrobenzene	109		5.725					
106 1,3-Dinitrobenzene	168		5.771					
101 Phenyl ether	170		5.773					
47 1,3-Dichlorobenzene	146	5.854	5.853	0.001	84	151666	5.19	
48 1,4-Dichlorobenzene	146	5.918	5.918	0.0	79	150741	5.16	
49 Benzyl alcohol	108	6.014	6.014	0.0	85	108493	5.24	
50 1,2-Dichlorobenzene	146	6.051	6.056	-0.005	78	138208	5.06	
115 Pentachlorobenzene	250		6.091					
51 2-Methylphenol	108	6.099	6.099	0.0	95	152260	5.14	
53 2,2'-oxybis[1-chloropropane]	45	6.131	6.137	-0.006	98	163939	5.13	
117 1-Naphthylamine	143		6.166					
119 2,3,4,6-Tetrachlorophenol	232		6.203					
120 2-Naphthylamine	143		6.225					
21 3 & 4 Methylphenol	108	6.228	6.233	-0.005	90	161132	5.03	
57 N-Nitrosodi-n-propylamine	70	6.244	6.243	0.001	70	153109	5.12	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
58 Acetophenone	105	6.249	6.249	0.0	83	241895	5.10	
122 Thionazin	97		6.305					
61 Hexachloroethane	117	6.356	6.356	0.0	95	65828	4.91	
124 N-Nitro-o-toluidine	152		6.358					
127 Tributyl phosphate	99		6.379					9
62 Nitrobenzene	77	6.404	6.404	0.0	73	236976	5.43	
130 Diphenylamine	169		6.428					
134 Sulfotepp	202		6.518					
64 Isophorone	82	6.607	6.607	0.0	94	397727	5.20	
135 1,3,5-Trinitrobenzene	213		6.614					
228 Diallate Peak 1	86		6.630					9
138 Phorate	121		6.636					9
137 Phenacetin	108		6.641					9
66 2-Nitrophenol	139	6.676	6.676	0.0	91	73620	5.62	
67 1,3,5-Trichlorobenzene	180	6.687	6.692	-0.005	85	136170	5.26	
230 Diallate Peak 2	86		6.695					9
65 2,4-Dimethylphenol	107	6.692	6.697	-0.005	94	180797	5.28	
71 Benzoic acid	122	6.740	6.756	-0.016	80	144243	10.5	
140 Dimethoate	87		6.764					9
70 Bis(2-chloroethoxy)methane	93	6.778	6.783	-0.005	98	221755	5.26	
73 2,4-Dichlorophenol	162	6.879	6.879	0.0	89	104082	5.05	
129 4-Aminobiphenyl	169		6.892					
144 Pronamide	173		6.919					
145 Pentachloronitrobenzene	237		6.919					
74 1,2,4-Trichlorobenzene	180	6.960	6.959	0.001	84	129963	5.02	
146 Disulfoton	88		7.010					9
147 Dinoseb	211		7.020					
75 Naphthalene	128	7.029	7.034	-0.005	96	378596	5.11	
76 4-Chloroaniline	127	7.061	7.066	-0.005	80	169157	5.35	
79 Hexachlorobutadiene	225	7.130	7.130	0.0	87	68650	4.95	
80 1,2,3-Trichlorobenzene	180	7.152	7.152	0.0	84	125798	0	
152 Methyl parathion	109		7.282					9
84 Caprolactam	113	7.339	7.349	-0.010	78	51294	5.85	
86 4-Chloro-3-methylphenol	107	7.456	7.456	0.0	78	153937	5.25	
155 Ethyl Parathion	97		7.560					9
156 4-Nitroquinoline-1-oxide	190		7.613					
153 Diphenylsulfone	125		7.616					
87 2-Methylnaphthalene	142	7.617	7.622	-0.005	83	253932	5.17	
157 Methapyrilene	58		7.645					
88 1-Methylnaphthalene	142	7.702	7.702	0.0	79	239649	5.09	
90 1,2,3,5-Tetrachlorobenzene	216	7.745	7.745	0.0	83	126200	4.88	
89 Hexachlorocyclopentadiene	237	7.750	7.750	0.0	90	73554	5.29	
158 Isodrin	66		7.816					9
92 2,4,6-Trichlorophenol	196	7.846	7.846	0.0	86	78785	5.00	
93 2,4,5-Trichlorophenol	196	7.873	7.878	-0.005	86	84822	5.00	
97 2,4-Toluene diamine	121	7.985	7.990	-0.005	93	90788	5.80	
99 1,2,3,4 -Tetrachlorobenzene	216		8.001					
98 1,1'-Biphenyl	154	8.007	8.012	-0.005	91	314840	4.94	
100 2-Chloronaphthalene	162	8.033	8.033	0.0	97	238600	4.78	
102 2-Nitroaniline	65	8.103	8.108	-0.005	72	113953	5.38	
226 Aramite Peak 1	185		8.131					
229 Aramite Peak 2	185		8.185					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
105 Dimethyl phthalate	163	8.247	8.247	0.0	93	278016	4.81	
163 p-Dimethylamino azobenzene	225		8.276					
164 Chlorobenzilate	139		8.297					9
107 2,6-Dinitrotoluene	165	8.300	8.305	-0.005	74	62200	5.06	
108 1,2-Dinitrobenzene	168	8.348	8.354	-0.006	79	31178	4.93	
109 Acenaphthylene	152	8.386	8.391	-0.005	84	386238	5.05	
110 3-Nitroaniline	138	8.450	8.450	0.0	82	71955	5.29	
167 Famphur	218		8.473					
169 3,3'-Dimethylbenzidine	212		8.516					
111 2,4-Dinitrophenol	184	8.535	8.535	0.0	66	65209	9.89	
112 Acenaphthene	153	8.530	8.535	-0.005	90	243735	4.94	
113 4-Nitrophenol	109	8.562	8.567	-0.005	86	52346	4.99	
114 2,4-Dinitrotoluene	165	8.642	8.647	-0.005	74	84799	5.20	
116 Dibenzofuran	168	8.674	8.679	-0.005	85	346260	4.95	
171 2-Acetylaminofluorene	181		8.713					
118 2,3,5,6-Tetrachlorophenol	232	8.733	8.733	0.0	81	69884	5.00	
121 Diethyl phthalate	149	8.840	8.840	0.0	95	266590	4.72	
123 4-Chlorophenyl phenyl ether	204	8.952	8.957	-0.005	93	151607	4.98	
125 4-Nitroaniline	138	8.963	8.968	-0.005	74	73430	5.26	
126 Fluorene	166	8.968	8.968	0.0	74	287028	4.83	
128 4,6-Dinitro-2-methylphenol	198	8.990	8.989	0.001	76	50802	5.27	
131 N-Nitrosodiphenylamine	169	9.048	9.048	0.0	97	211963	5.10	
132 1,2-Diphenylhydrazine	77	9.086	9.091	-0.005	100	494023	5.34	
133 Azobenzene	77	9.086	9.091	-0.005	94	494023	5.34	
176 Hexabromobenzene	232		9.208					
139 4-Bromophenyl phenyl ether	248	9.369	9.374	-0.005	67	81602	5.13	
141 Hexachlorobenzene	284	9.433	9.433	0.0	80	80268	4.91	
142 Atrazine	200	9.481	9.481	0.0	81	74755	5.79	
179 6-Methylchrysene	242		9.576					
143 Pentachlorophenol	266	9.588	9.593	-0.005	76	108076	10.1	
148 Phenanthrene	178	9.786	9.785	0.001	82	429659	4.91	
149 Anthracene	178	9.828	9.828	0.0	87	443167	5.18	
181 7,12-Dimethylbenz(a)anthracene	256		9.856					
150 DFTPP								
151 Carbazole	167	9.951	9.951	0.0	80	394673	5.17	
154 Di-n-butyl phthalate	149	10.213	10.213	0.0	99	473270	5.01	
185 3-Methylcholanthrene	268		10.594					
159 Fluoranthene	202	10.790	10.795	-0.005	83	483279	4.97	
160 Benzidine	184	10.886	10.891	-0.005	86	247771	4.86	
161 Pyrene	202	10.998	11.003	-0.005	95	500317	5.08	
166 4,4'-DDE	246		11.061					9
165 4,4'-DDD	235		11.430					
168 Butyl benzyl phthalate	149	11.596	11.596	0.0	86	205766	5.15	
170 4,4'-DDT	235		11.718					
187 Dibenz[a,h]acridine	279		11.729					
186 Dibenz[a,j]acridine	279		11.804					
172 3,3'-Dimethoxybenzidine	244	12.195	12.200	-0.005	81	105339	5.01	
174 4,4'-Methylene bis(2-chloroanili	231	12.238	12.243	-0.005	69	81715	4.91	
175 3,3'-Dichlorobenzidine	252	12.238	12.243	-0.005	67	164274	5.20	
173 Bis(2-ethylhexyl) phthalate	149	12.270	12.269	0.001	95	291644	5.23	
177 Benzo[a]anthracene	228	12.291	12.296	-0.005	88	444090	5.15	
178 Chrysene	228	12.339	12.344	-0.005	78	414099	5.16	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
180 Di-n-octyl phthalate	149	13.178	13.177	0.001	99	460543	4.95	
182 Benzo[b]fluoranthene	252	13.792	13.797	-0.005	84	400337	5.05	
183 Benzo[k]fluoranthene	252	13.830	13.835	-0.005	86	426666	5.08	
184 Benzo[a]pyrene	252	14.289	14.294	-0.005	75	386799	5.19	
188 Indeno[1,2,3-cd]pyrene	276	16.020	16.030	-0.010	86	446100	5.31	
189 Dibenz(a,h)anthracene	278	16.052	16.057	-0.005	53	357803	5.31	
190 Benzo[g,h,i]perylene	276	16.463	16.474	-0.011	89	373368	5.24	
S 191 Methyl Phenols,Total	100				0		10.2	
S 95 Isosafrole	162		5.568					7
S 136 Diallate	86		6.701					7
S 162 Aramite, Total	185		8.271					7
T 192 Octadecane (TIC)	57		0.000					1
T 195 Hydroquinone TIC	110		0.000					
T 194 Decane TIC	57		0.000					1
T 240 Trimethyl phosphate TIC	110		3.120					1
T 234 2-Isopropylphenol TIC	121		4.623					1
T 236 3-isopropylphenol TIC	121		4.756					1
T 235 4-isopropylphenol TIC	121		4.756					1
T 193 Hexamethylphosphoramide TIC	135		5.100					1
T 237 3-(1,1-Dimethylethyl Phenol) TIC	135		5.110					1
T 196 Kepone TIC	272		8.281					
T 242 Triphenyl Phosphate TIC	326		8.700					1
T 238 2,3,7,8-TCDD TIC	1		9.000					1
T 231 2,3,7,8-TCDD	322		9.150					1
T 197 Hexachlorophene TIC	198		9.269					
T 241 Tricresyl phosphate TIC	368		9.372					1
T 239 Tris(2,3-dibromopropyl)phosphate	201		10.600					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

Review Flags
M - Manually Integrated

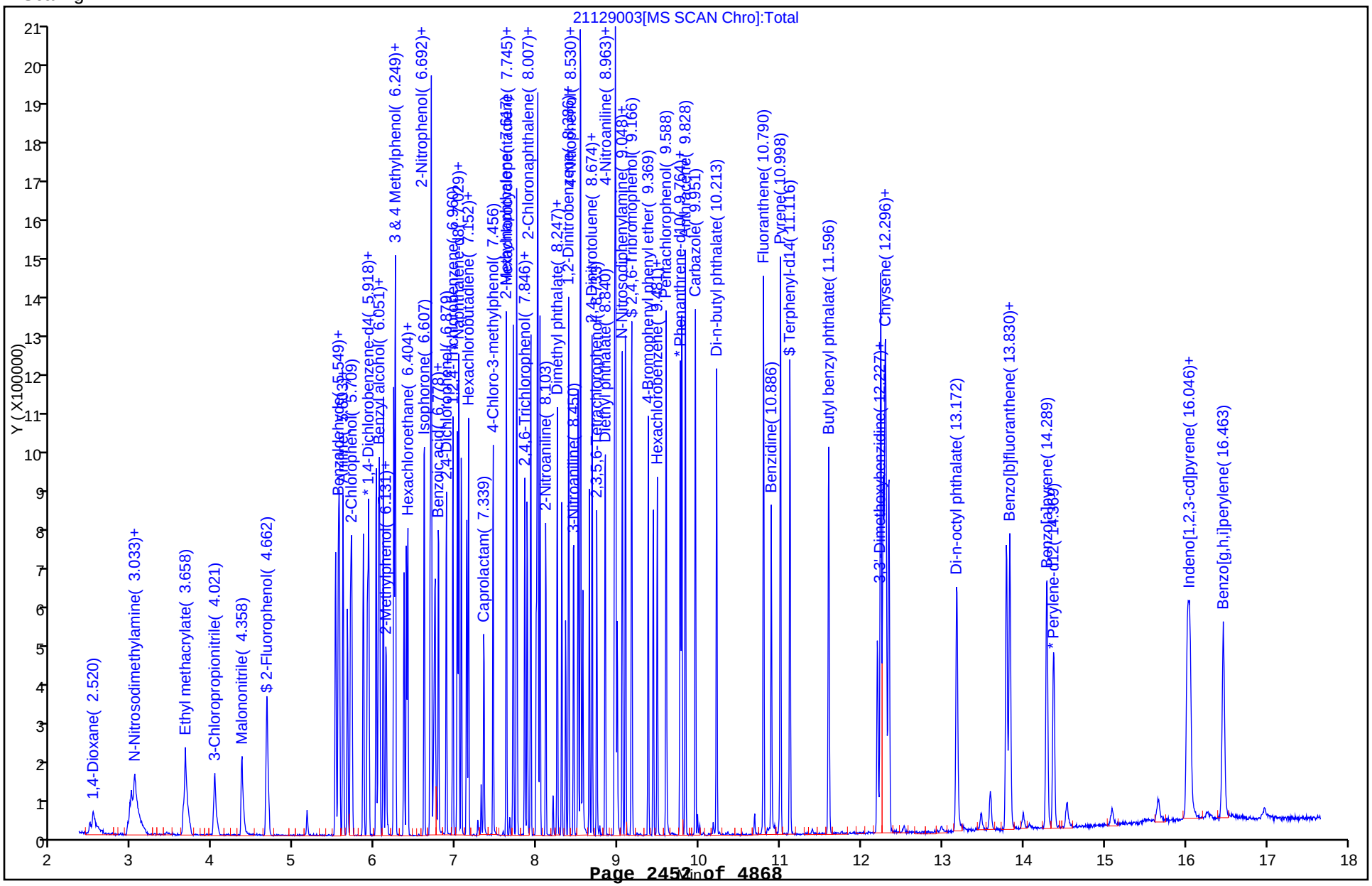
Report Date: 29-Nov-2012 12:55:50 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129003.D

Injection Date:	29-Nov-2012 08:48:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	66702	Lims Sample ID:	3
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-66702/14

Matrix: Solid | Lab File ID: 21129014.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 11/29/2012 13:19

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66702 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	5.03		0.00020	0.00010	0.00010
208-96-8	Acenaphthylene	5.01		0.00020	0.00010	0.00010
120-12-7	Anthracene	5.26		0.00020	0.00010	0.00010
56-55-3	Benzo[a]anthracene	4.92		0.00020	0.00010	0.00010
50-32-8	Benzo[a]pyrene	5.15		0.00020	0.00010	0.00010
205-99-2	Benzo[b]fluoranthene	4.92		0.00020	0.00010	0.00010
191-24-2	Benzo[g,h,i]perylene	5.06		0.00020	0.00010	0.00010
65-85-0	Benzoic acid	9.65		0.025	0.010	0.010
207-08-9	Benzo[k]fluoranthene	4.81		0.00020	0.00010	0.00010
100-51-6	Benzyl alcohol	4.96		0.0050	0.00080	0.00038
111-91-1	Bis(2-chloroethoxy)methane	5.24		0.0010	0.00080	0.00032
111-44-4	Bis(2-chloroethyl)ether	4.96		0.0010	0.00010	0.00010
117-81-7	Bis(2-ethylhexyl) phthalate	5.39		0.0020	0.00080	0.00080
101-55-3	4-Bromophenyl phenyl ether	5.07		0.0020	0.00080	0.00080
85-68-7	Butyl benzyl phthalate	5.46		0.0010	0.00080	0.00080
86-74-8	Carbazole	5.15		0.0010	0.00080	0.00028
59-50-7	4-Chloro-3-methylphenol	5.20		0.0020	0.00080	0.00080
91-58-7	2-Chloronaphthalene	4.99		0.0010	0.00010	0.00010
95-57-8	2-Chlorophenol	5.14		0.0010	0.00080	0.00029
7005-72-3	4-Chlorophenyl phenyl ether	5.02		0.0020	0.00080	0.00030
218-01-9	Chrysene	4.95		0.00020	0.00010	0.00010
53-70-3	Dibenz(a,h)anthracene	5.13		0.00020	0.00010	0.00010
132-64-9	Dibenzofuran	5.09		0.0010	0.00010	0.00010
106-46-7	1,4-Dichlorobenzene	4.86		0.0010	0.00080	0.00034
95-50-1	1,2-Dichlorobenzene	5.08		0.0010	0.00080	0.00029
541-73-1	1,3-Dichlorobenzene	5.08		0.0010	0.00080	0.00080
91-94-1	3,3'-Dichlorobenzidine	5.23		0.0050	0.00080	0.00037
120-83-2	2,4-Dichlorophenol	5.28		0.0020	0.00080	0.00080
84-66-2	Diethyl phthalate	4.93		0.0010	0.00080	0.00060
105-67-9	2,4-Dimethylphenol	5.27		0.0020	0.00080	0.00080
131-11-3	Dimethyl phthalate	4.94		0.0010	0.00080	0.00029
84-74-2	Di-n-butyl phthalate	5.09		0.0010	0.00080	0.00067
534-52-1	4,6-Dinitro-2-methylphenol	4.46		0.0050	0.0024	0.0024
51-28-5	2,4-Dinitrophenol	7.58		0.0050	0.0024	0.0024

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-66702/14

Matrix: Solid | Lab File ID: 21129014.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 11/29/2012 13:19

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66702 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
121-14-2	2,4-Dinitrotoluene	5.52		0.0050	0.00080	0.00027
606-20-2	2,6-Dinitrotoluene	5.15		0.0050	0.00080	0.00080
117-84-0	Di-n-octyl phthalate	5.18		0.0010	0.00080	0.00080
206-44-0	Fluoranthene	5.09		0.00020	0.00010	0.00010
86-73-7	Fluorene	5.02		0.00020	0.00010	0.00010
118-74-1	Hexachlorobenzene	5.01		0.00020	0.00010	0.00010
87-68-3	Hexachlorobutadiene	5.05		0.0010	0.00080	0.00027
77-47-4	Hexachlorocyclopentadiene	2.23	^	0.010	0.00080	0.00080
67-72-1	Hexachloroethane	4.71		0.0010	0.00080	0.00080
193-39-5	Indeno[1,2,3-cd]pyrene	5.13		0.00020	0.00010	0.00010
78-59-1	Isophorone	5.32		0.0010	0.00080	0.00027
91-57-6	2-Methylnaphthalene	4.96		0.00020	0.00010	0.00010
95-48-7	2-Methylphenol	5.10		0.0010	0.00080	0.00080
15831-10-4	3 & 4 Methylphenol	5.11		0.0020	0.00080	0.00080
91-20-3	Naphthalene	5.13		0.00020	0.00010	0.00010
88-74-4	2-Nitroaniline	5.50		0.0020	0.00080	0.00080
99-09-2	3-Nitroaniline	5.39		0.0020	0.00080	0.00028
100-01-6	4-Nitroaniline	5.81		0.0020	0.00080	0.00080
98-95-3	Nitrobenzene	5.38		0.0010	0.00010	0.000040
88-75-5	2-Nitrophenol	5.33		0.0020	0.00080	0.00028
100-02-7	4-Nitrophenol	4.66		0.0050	0.0024	0.0024
621-64-7	N-Nitrosodi-n-propylamine	5.03		0.0010	0.00080	0.00080
86-30-6	N-Nitrosodiphenylamine	5.00		0.0010	0.00080	0.00031
87-86-5	Pentachlorophenol	10.1		0.0050	0.0024	0.0024
85-01-8	Phenanthrene	4.84		0.00020	0.00010	0.00010
108-95-2	Phenol	5.39		0.0010	0.00080	0.00060
129-00-0	Pyrene	5.06		0.00020	0.00010	0.00010
120-82-1	1,2,4-Trichlorobenzene	4.85		0.0010	0.00080	0.00028
95-95-4	2,4,5-Trichlorophenol	5.22		0.0050	0.00080	0.00030
88-06-2	2,4,6-Trichlorophenol	5.16		0.0050	0.00080	0.00080

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-66702/14

Matrix: Solid | Lab File ID: 21129014.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 11/29/2012 13:19

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66702 | Units: ng/uL

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	100		50-150
367-12-4	2-Fluorophenol (Surr)	104		50-150
4165-60-0	Nitrobenzene-d5 (Surr)	106	Q	50-150
1718-51-0	Terphenyl-d14 (Surr)	99		50-150
118-79-6	2,4,6-Tribromophenol (Surr)	108		50-150
4165-62-2	Phenol-d5 (Surr)	106	Q	50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129014.D
Lims ID: mrl qccl Client ID:
Inject. Date: 29-Nov-2012 13:19:30 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0015370-014
Misc. Info.: MRL QCCL =MRL QCCL
Operator: 001574 Instrument ID: A4HP9
Injection Vol: 1.0 ul ALS Bottle#: 14
Lims Batch ID: 66702 Lims Sample ID: 14
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121129-15370.b\8270 _9.m
Last Update: 29-Nov-2012 13:56:01 Calib Date: 28-Nov-2012 18:11:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121128-15348.b\21127110.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: 5% phenyl Column Dia: 0.18 mm
Process Host: XAWRK030

First Level Reviewer: ulmanm Date: 29-Nov-2012 13:56:01

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.904	5.907	-0.003	92	96779	4.00	
* 2 Naphthalene-d8	136	7.010	7.013	-0.003	98	372345	4.00	
* 3 Acenaphthene-d10	164	8.506	8.503	0.003	67	230614	4.00	
* 4 Phenanthrene-d10	188	9.761	9.764	-0.003	77	396304	4.00	
* 5 Chrysene-d12	240	12.304	12.307	-0.003	72	371755	4.00	
* 6 Perylene-d12	264	14.371	14.374	-0.003	86	320190	4.00	
$ 7 2-Fluorophenol	112	4.665	4.662	0.003	90	201843	5.18	
$ 8 Phenol-d5	99	5.546	5.544	0.002	0	285152	5.28	
$ 9 Nitrobenzene-d5	82	6.385	6.388	-0.003	84	278054	5.31	
$ 10 2-Fluorobiphenyl (Surr)	172	7.918	7.921	-0.003	98	349651	4.99	
$ 11 2,4,6-Tribromophenol	330	9.168	9.171	-0.003	81	44991	5.42	
$ 12 Terphenyl-d14	244	11.118	11.121	-0.003	97	366821	4.97	
20 Dimethylformamide	1		0.000					
19 Octachlorostyrene	1		0.000					
22 Bis(2-hydroxyphenyl)methane	1		0.000					
13 Octachlorocyclopentene	1		0.000					
23 2,5-Dichlorophenol	1		0.000					
18 Bis(4-hydroxyphenyl)methane	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
31 2-Picoline	93		2.310					9
32 N-Nitrosomethylethylamine	88		2.374					
25 1,4-Dioxane	88	2.523	2.520	0.002	84	89265	3.95	
34 Methyl methanesulfonate	80		2.587					
30 3-Picoline	93		2.651					
233 n,n'-Dimethylacetamide	44		2.662					
35 Acrylamide	71		2.744					
36 N-Nitrosodiethylamine	102		2.897					
26 N-Nitrosodimethylamine	74	2.977	2.969	0.008	70	156388	5.02	
27 Pyridine	79	3.035	3.027	0.008	96	247892	4.64	
37 Ethyl methanesulfonate	79		3.105					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
38 2-Methylcyclohexanone	68		3.292					
39 3-Methylcyclohexanone	69		3.319					
40 4-Methylcyclohexanone	55		3.356					
45 Pentachloroethane	167		3.501					
42 Phenylmercaptan	110		3.596					
28 Ethyl methacrylate	69	3.655	3.658	-0.003	76	256454	5.66	
232 1-Methyl-2-pyrrilidinone	99		3.880					
56 N-Nitrosopyrrolidine	100		3.992					
59 N-Nitrosomorpholine	56		4.013					
29 3-Chloropropionitrile	54	4.024	4.021	0.003	84	110572	5.45	
60 2-Toluidine	106		4.040					
52 Indene	115		4.084					
63 N-Nitrosopiperidine	114		4.254					
33 Malononitrile	66	4.355	4.352	0.003	94	291688	5.73	
68 o,o',o''-Triethylphosphorothioat	198		4.435					
17 4-Chlorophenol	128		4.500					
24 Catechol	110		4.592					9
72 alpha,alpha-Dimethyl phenethylam	58		4.601					9
77 2,6-Dichlorophenol	162		4.729					
78 Hexachloropropene	213		4.756					
15 3-Methylcatechol	124		4.913					
83 N-Nitrosodi-n-butylamine	84		4.953					9
85 p-Phenylene diamine	108		4.969					
14 4-Methylcatechol	124		5.036					
81 Benzothiazole	135		5.046					
82 Quinoline	129		5.099					
94 Safrole, Total	162		5.119					
91 1,2,4,5-Tetrachlorobenzene	216		5.327					
225 Isosafrole Peak 1	162		5.333					
227 Isosafrole Peak 2	162		5.498					
41 Benzaldehyde	77	5.509	5.512	-0.003	85	231969	5.47	
43 Phenol	94	5.557	5.560	-0.003	95	316292	5.39	
44 Aniline	93	5.605	5.602	0.003	96	383731	5.19	
69 Bis(2-chloroethyl)ether	93	5.658	5.656	0.002	96	229079	4.96	
103 1,4-Naphthoquinone	158		5.680					
46 2-Chlorophenol	128	5.712	5.709	0.003	89	176787	5.14	
104 1,4-Dinitrobenzene	168		5.712					
96 3,4-Dichloronitrobenzene	109		5.725					
106 1,3-Dinitrobenzene	168		5.771					
101 Phenyl ether	170		5.773					
47 1,3-Dichlorobenzene	146	5.856	5.853	0.003	90	189036	5.08	
48 1,4-Dichlorobenzene	146	5.920	5.918	0.002	75	180586	4.86	
49 Benzyl alcohol	108	6.011	6.014	-0.003	83	130605	4.96	
50 1,2-Dichlorobenzene	146	6.054	6.056	-0.002	81	176301	5.08	
115 Pentachlorobenzene	250		6.091					
51 2-Methylphenol	108	6.102	6.099	0.003	95	192105	5.10	
53 2,2'-oxybis[1-chloropropane]	45	6.134	6.137	-0.003	97	208383	5.13	
117 1-Naphthylamine	143		6.166					
119 2,3,4,6-Tetrachlorophenol	232		6.203					
120 2-Naphthylamine	143		6.225					
21 3 & 4 Methylphenol	108	6.230	6.233	-0.003	91	208121	5.11	
57 N-Nitrosodi-n-propylamine	70	6.246	6.243	0.003	68	191363	5.03	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
58 Acetophenone	105	6.251	6.249	0.002	82	304373	5.05	
122 Thionazin	97		6.305					9
61 Hexachloroethane	117	6.353	6.356	-0.003	90	80238	4.71	
124 N-Nitro-o-toluidine	152		6.358					
127 Tributyl phosphate	99		6.379					9
62 Nitrobenzene	77	6.401	6.404	-0.003	71	297307	5.38	
130 Diphenylamine	169		6.428					
134 Sulfotepp	202		6.518					
64 Isophorone	82	6.604	6.607	-0.003	95	514519	5.32	
135 1,3,5-Trinitrobenzene	213		6.614					
228 Diallate Peak 1	86		6.630					9
138 Phorate	121		6.636					9
137 Phenacetin	108		6.641					9
66 2-Nitrophenol	139	6.679	6.676	0.003	88	88063	5.33	
67 1,3,5-Trichlorobenzene	180	6.689	6.692	-0.003	86	167478	5.11	
230 Diallate Peak 2	86		6.695					9
65 2,4-Dimethylphenol	107	6.695	6.697	-0.002	95	228216	5.27	
71 Benzoic acid	122	6.737	6.756	-0.019	83	166583	9.65	
140 Dimethoate	87		6.764					9
70 Bis(2-chloroethoxy)methane	93	6.780	6.783	-0.003	98	279272	5.24	
73 2,4-Dichlorophenol	162	6.876	6.879	-0.003	94	137710	5.28	
129 4-Aminobiphenyl	169		6.892					
144 Pronamide	173		6.919					
145 Pentachloronitrobenzene	237		6.919					
74 1,2,4-Trichlorobenzene	180	6.956	6.959	-0.003	81	158819	4.85	
146 Disulfoton	88		7.010					9
147 Dinoseb	211		7.020					
75 Naphthalene	128	7.031	7.034	-0.003	97	481216	5.13	
76 4-Chloroaniline	127	7.063	7.066	-0.003	79	205604	5.14	
79 Hexachlorobutadiene	225	7.127	7.130	-0.003	88	88729	5.05	
80 1,2,3-Trichlorobenzene	180		7.152					
152 Methyl parathion	109		7.282					9
84 Caprolactam	113	7.341	7.349	-0.008	78	59206	5.35	
86 4-Chloro-3-methylphenol	107	7.453	7.456	-0.003	78	192695	5.20	
155 Ethyl Parathion	97		7.560					9
156 4-Nitroquinoline-1-oxide	190		7.613					
153 Diphenylsulfone	125		7.616					
87 2-Methylnaphthalene	142	7.619	7.622	-0.003	85	308211	4.96	
157 Methapyrilene	58		7.645					
88 1-Methylnaphthalene	142	7.704	7.702	0.002	80	299750	5.03	
90 1,2,3,5-Tetrachlorobenzene	216	7.747	7.745	0.002	85	155751	4.89	
89 Hexachlorocyclopentadiene	237	7.747	7.750	-0.003	54	38252	2.23	
158 Isodrin	66		7.816					9
92 2,4,6-Trichlorophenol	196	7.843	7.846	-0.003	89	100051	5.16	
93 2,4,5-Trichlorophenol	196	7.875	7.878	-0.003	89	108985	5.22	
97 2,4-Toluene diamine	121	7.988	7.990	-0.002	96	115708	5.84	
99 1,2,3,4 -Tetrachlorobenzene	216		8.001					
98 1,1'-Biphenyl	154	8.009	8.012	-0.003	94	388856	4.95	
100 2-Chloronaphthalene	162	8.036	8.033	0.003	94	306827	4.99	
102 2-Nitroaniline	65	8.105	8.108	-0.003	71	143381	5.50	
226 Aramite Peak 1	185		8.131					
229 Aramite Peak 2	185		8.185					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
105 Dimethyl phthalate	163	8.244	8.247	-0.003	92	351728	4.94	
163 p-Dimethylamino azobenzene	225		8.276					
164 Chlorobenzilate	139		8.297					9
107 2,6-Dinitrotoluene	165	8.303	8.305	-0.002	74	78050	5.15	
108 1,2-Dinitrobenzene	168	8.351	8.354	-0.003	80	40329	5.18	
109 Acenaphthylene	152	8.388	8.391	-0.003	91	472046	5.01	
110 3-Nitroaniline	138	8.447	8.450	-0.003	83	90239	5.39	
167 Famphur	218		8.473					
169 3,3'-Dimethylbenzidine	212		8.516					
111 2,4-Dinitrophenol	184	8.532	8.535	-0.003	59	55230	7.58	
112 Acenaphthene	153	8.532	8.535	-0.003	91	306037	5.03	
113 4-Nitrophenol	109	8.564	8.567	-0.003	86	59927	4.66	
114 2,4-Dinitrotoluene	165	8.645	8.647	-0.002	77	111006	5.52	
116 Dibenzofuran	168	8.677	8.679	-0.002	83	437932	5.09	
171 2-Acetylaminofluorene	181		8.713					
118 2,3,5,6-Tetrachlorophenol	232	8.735	8.733	0.002	85	90867	5.26	
121 Diethyl phthalate	149	8.837	8.840	-0.003	94	343199	4.93	
123 4-Chlorophenyl phenyl ether	204	8.954	8.957	-0.003	92	188274	5.02	
125 4-Nitroaniline	138	8.965	8.968	-0.003	80	99841	5.81	
126 Fluorene	166	8.965	8.968	-0.003	80	367764	5.02	
128 4,6-Dinitro-2-methylphenol	198	8.986	8.989	-0.003	75	52931	4.46	
131 N-Nitrosodiphenylamine	169	9.051	9.048	0.003	94	264226	5.00	
132 1,2-Diphenylhydrazine	77	9.088	9.091	-0.003	100	616331	5.24	
133 Azobenzene	77	9.088	9.091	-0.003	94	616331	5.24	
176 Hexabromobenzene	232		9.208					
139 4-Bromophenyl phenyl ether	248	9.371	9.374	-0.003	68	102297	5.07	
141 Hexachlorobenzene	284	9.430	9.433	-0.003	85	104169	5.01	
142 Atrazine	200	9.483	9.481	0.002	86	93648	5.71	
179 6-Methylchrysene	242		9.576					
143 Pentachlorophenol	266	9.590	9.593	-0.003	75	137147	10.1	
148 Phenanthrene	178	9.782	9.785	-0.003	83	538774	4.84	
149 Anthracene	178	9.825	9.828	-0.003	83	571407	5.26	
181 7,12-Dimethylbenz(a)anthracene	256		9.856					
150 DFTPP								
151 Carbazole	167	9.948	9.951	-0.003	83	498918	5.15	
154 Di-n-butyl phthalate	149	10.215	10.213	0.002	100	610280	5.09	
185 3-Methylcholanthrene	268		10.594					
159 Fluoranthene	202	10.792	10.795	-0.003	83	628030	5.09	
160 Benzidine	184	10.888	10.891	-0.003	87	326677	4.98	
161 Pyrene	202	11.000	11.003	-0.003	94	639871	5.06	
166 4,4'-DDE	246		11.061					9
165 4,4'-DDD	235		11.430					
168 Butyl benzyl phthalate	149	11.593	11.596	-0.003	86	280396	5.46	
170 4,4'-DDT	235		11.718					
187 Dibenz[a,h]acridine	279		11.729					
186 Dibenz[a,j]acridine	279		11.804					
172 3,3'-Dimethoxybenzidine	244	12.197	12.200	-0.003	83	156822	5.70	
174 4,4'-Methylene bis(2-chloroanili	231	12.240	12.243	-0.003	66	103860	4.86	
175 3,3'-Dichlorobenzidine	252	12.240	12.243	-0.003	67	211960	5.23	
173 Bis(2-ethylhexyl) phthalate	149	12.267	12.269	-0.002	95	386115	5.39	
177 Benzo[a]anthracene	228	12.293	12.296	-0.003	87	544827	4.92	
178 Chrysene	228	12.341	12.344	-0.003	84	510654	4.95	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
180 Di-n-octyl phthalate	149	13.169	13.177	-0.008	98	639034	5.18	
182 Benzo[b]fluoranthene	252	13.789	13.797	-0.008	86	515925	4.92	
183 Benzo[k]fluoranthene	252	13.832	13.835	-0.003	80	533530	4.81	
184 Benzo[a]pyrene	252	14.286	14.294	-0.008	76	507560	5.15	
188 Indeno[1,2,3-cd]pyrene	276	16.022	16.030	-0.008	86	569744	5.13	
189 Dibenz(a,h)anthracene	278	16.054	16.057	-0.003	61	457117	5.13	
190 Benzo[g,h,i]perylene	276	16.460	16.474	-0.014	77	476545	5.06	
S 191 Methyl Phenols,Total	100				0		10.2	
S 95 Isosafrole	162		5.568					7
S 136 Diallate	86		6.701					7
S 162 Aramite, Total	185		8.271					7
T 192 Octadecane (TIC)	57	15.653	0.0	15.653	80	76612	0	
T 195 Hydroquinone TIC	110	7.309	0.0	7.309	91	54708	0	
T 194 Decane TIC	57		0.000					1
T 240 Trimethyl phosphate TIC	110		3.120					1
T 234 2-Isopropylphenol TIC	121		4.623					1
T 236 3-isopropylphenol TIC	121		4.756					1
T 235 4-isopropylphenol TIC	121		4.756					1
T 193 Hexamethylphosphoramide TIC	135		5.100					1
T 237 3-(1,1-Dimethylethyl Phenol) TIC	135		5.110					1
T 196 Kepone TIC	272	7.747	8.279	-0.534	0	4786	0.0515	
T 242 Triphenyl Phosphate TIC	326		8.700					1
T 238 2,3,7,8-TCDD TIC	1		9.000					1
T 231 2,3,7,8-TCDD	322	9.163	9.150	0.013	21	54270	0	
T 197 Hexachlorophene TIC	198	11.118	9.268	1.849	1	10665	0.1332	
T 241 Tricresyl phosphate TIC	368		9.372					1
T 239 Tris(2,3-dibromopropyl)phosphate	201		10.600					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

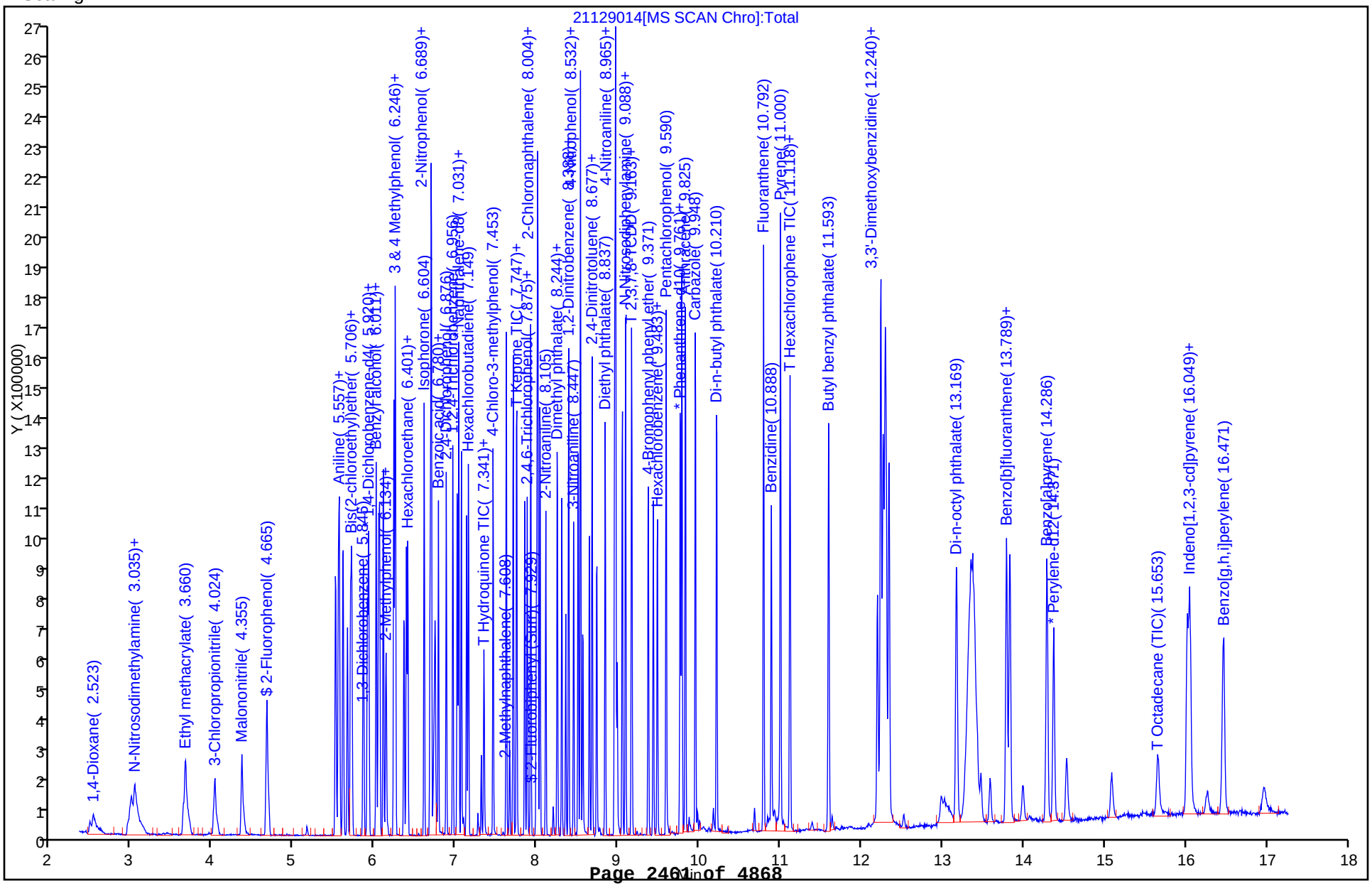
Report Date: 29-Nov-2012 14:09:43 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129014.D

Injection Date:	29-Nov-2012 13:19:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	66702	Lims Sample ID:	14
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-67921/3

Matrix: Solid | Lab File ID: 21210003.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/10/2012 08:20

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 67921 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	4.69		0.00020	0.00010	0.00010
208-96-8	Acenaphthylene	4.82		0.00020	0.00010	0.00010
120-12-7	Anthracene	4.73		0.00020	0.00010	0.00010
56-55-3	Benzo[a]anthracene	4.45		0.00020	0.00010	0.00010
50-32-8	Benzo[a]pyrene	4.42		0.00020	0.00010	0.00010
205-99-2	Benzo[b]fluoranthene	4.22		0.00020	0.00010	0.00010
191-24-2	Benzo[g,h,i]perylene	4.50		0.00020	0.00010	0.00010
65-85-0	Benzoic acid	9.05		0.025	0.010	0.010
207-08-9	Benzo[k]fluoranthene	4.62		0.00020	0.00010	0.00010
100-51-6	Benzyl alcohol	4.87		0.0050	0.00080	0.00038
111-91-1	Bis(2-chloroethoxy)methane	5.85		0.0010	0.00080	0.00032
111-44-4	Bis(2-chloroethyl)ether	5.72		0.0010	0.00010	0.00010
117-81-7	Bis(2-ethylhexyl) phthalate	4.10		0.0020	0.00080	0.00080
101-55-3	4-Bromophenyl phenyl ether	6.12		0.0020	0.00080	0.00080
85-68-7	Butyl benzyl phthalate	4.24		0.0010	0.00080	0.00080
86-74-8	Carbazole	4.63		0.0010	0.00080	0.00028
59-50-7	4-Chloro-3-methylphenol	4.93		0.0020	0.00080	0.00080
91-58-7	2-Chloronaphthalene	5.69		0.0010	0.00010	0.00010
95-57-8	2-Chlorophenol	4.95		0.0010	0.00080	0.00029
7005-72-3	4-Chlorophenyl phenyl ether	5.56		0.0020	0.00080	0.00030
218-01-9	Chrysene	4.52		0.00020	0.00010	0.00010
53-70-3	Dibenz(a,h)anthracene	4.57		0.00020	0.00010	0.00010
132-64-9	Dibenzofuran	4.71		0.0010	0.00010	0.00010
106-46-7	1,4-Dichlorobenzene	4.78		0.0010	0.00080	0.00034
95-50-1	1,2-Dichlorobenzene	5.65		0.0010	0.00080	0.00029
541-73-1	1,3-Dichlorobenzene	5.83		0.0010	0.00080	0.00080
91-94-1	3,3'-Dichlorobenzidine	4.45		0.0050	0.00080	0.00037
120-83-2	2,4-Dichlorophenol	4.81		0.0020	0.00080	0.00080
84-66-2	Diethyl phthalate	4.52		0.0010	0.00080	0.00060
105-67-9	2,4-Dimethylphenol	4.76		0.0020	0.00080	0.00080
131-11-3	Dimethyl phthalate	4.63		0.0010	0.00080	0.00029
84-74-2	Di-n-butyl phthalate	4.33		0.0010	0.00080	0.00067
534-52-1	4,6-Dinitro-2-methylphenol	4.64		0.0050	0.0024	0.0024
51-28-5	2,4-Dinitrophenol	9.07		0.0050	0.0024	0.0024

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-67921/3

Matrix: Solid | Lab File ID: 21210003.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/10/2012 08:20

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 67921 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
121-14-2	2,4-Dinitrotoluene	6.14		0.0050	0.00080	0.00027
606-20-2	2,6-Dinitrotoluene	5.96		0.0050	0.00080	0.00080
117-84-0	Di-n-octyl phthalate	4.07		0.0010	0.00080	0.00080
206-44-0	Fluoranthene	4.47		0.00020	0.00010	0.00010
86-73-7	Fluorene	4.61		0.00020	0.00010	0.00010
118-74-1	Hexachlorobenzene	6.10		0.00020	0.00010	0.00010
87-68-3	Hexachlorobutadiene	5.87		0.0010	0.00080	0.00027
77-47-4	Hexachlorocyclopentadiene	5.29		0.010	0.00080	0.00080
67-72-1	Hexachloroethane	5.57		0.0010	0.00080	0.00080
193-39-5	Indeno[1,2,3-cd]pyrene	4.45		0.00020	0.00010	0.00010
78-59-1	Isophorone	4.63		0.0010	0.00080	0.00027
91-57-6	2-Methylnaphthalene	4.81		0.00020	0.00010	0.00010
95-48-7	2-Methylphenol	4.93		0.0010	0.00080	0.00080
15831-10-4	3 & 4 Methylphenol	5.03		0.0020	0.00080	0.00080
91-20-3	Naphthalene	4.76		0.00020	0.00010	0.00010
88-74-4	2-Nitroaniline	4.92		0.0020	0.00080	0.00080
99-09-2	3-Nitroaniline	5.13		0.0020	0.00080	0.00028
100-01-6	4-Nitroaniline	5.22		0.0020	0.00080	0.00080
98-95-3	Nitrobenzene	5.83		0.0010	0.00010	0.000040
88-75-5	2-Nitrophenol	5.17		0.0020	0.00080	0.00028
100-02-7	4-Nitrophenol	4.64		0.0050	0.0024	0.0024
621-64-7	N-Nitrosodi-n-propylamine	5.12		0.0010	0.00080	0.00080
86-30-6	N-Nitrosodiphenylamine	4.79		0.0010	0.00080	0.00031
87-86-5	Pentachlorophenol	8.95		0.0050	0.0024	0.0024
85-01-8	Phenanthrene	4.57		0.00020	0.00010	0.00010
108-95-2	Phenol	4.98		0.0010	0.00080	0.00060
129-00-0	Pyrene	4.51		0.00020	0.00010	0.00010
120-82-1	1,2,4-Trichlorobenzene	5.96		0.0010	0.00080	0.00028
95-95-4	2,4,5-Trichlorophenol	4.63		0.0050	0.00080	0.00030
88-06-2	2,4,6-Trichlorophenol	5.03		0.0050	0.00080	0.00080

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-67921/3

Matrix: Solid | Lab File ID: 21210003.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/10/2012 08:20

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 67921 | Units: ng/uL

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	111	Q	50-150
367-12-4	2-Fluorophenol (Surr)	95		50-150
4165-60-0	Nitrobenzene-d5 (Surr)	118	Q	50-150
1718-51-0	Terphenyl-d14 (Surr)	104		50-150
118-79-6	2,4,6-Tribromophenol (Surr)	97		50-150
4165-62-2	Phenol-d5 (Surr)	100		50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121210-15667.b\21210003.D
Lims ID: mrl qc
Client ID:
Inject. Date: 10-Dec-2012 08:20:30
Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0015667-003
Misc. Info.: MRL QC =MRL QC
Operator: 001574
Instrument ID: A4HP9
Injection Vol: 1.0 ul
ALS Bottle#: 3
Lims Batch ID: 67921
Lims Sample ID: 3
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121210-15667.b\8270 _9.m
Last Update: 11-Dec-2012 08:19:38
Calib Date: 03-Dec-2012 15:01:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: 5% phenyl
Column Dia: 0.18 mm
Process Host: XAWRK035

First Level Reviewer: ulmanm
Date: 10-Dec-2012 08:58:53

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.939	5.937	0.002	82	141233	4.00	
* 2 Naphthalene-d8	136	7.056	7.054	0.002	98	574113	4.00	
* 3 Acenaphthene-d10	164	8.546	8.550	-0.004	63	359863	4.00	
* 4 Phenanthrene-d10	188	9.807	9.805	0.002	75	616995	4.00	
* 5 Chrysene-d12	240	12.360	12.359	0.001	78	645855	4.00	
* 6 Perylene-d12	264	14.444	14.442	0.002	91	530888	4.00	
$ 7 2-Fluorophenol	112	4.673	4.677	-0.004	93	264826	4.77	
$ 8 Phenol-d5	99	5.576	5.579	-0.003	0	401528	5.00	
$ 9 Nitrobenzene-d5	82	6.425	6.424	0.001	83	518331	5.90	
$ 10 2-Fluorobiphenyl (Surr)	172	7.964	7.962	0.002	94	664191	5.56	
$ 11 2,4,6-Tribromophenol	330	9.214	9.212	0.002	77	67734	4.86	
$ 12 Terphenyl-d14	244	11.158	11.157	0.001	95	686212	5.19	
20 Dimethylformamide	1		0.000					
19 Octachlorostyrene	1		0.000					
13 Octachlorocyclopentene	1		0.000					
18 Bis(4-hydroxyphenyl)methane	1		0.000					
22 Bis(2-hydroxyphenyl)methane	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
23 2,5-Dichlorophenol	1		0.000					
31 2-Picoline	93		2.310					
32 N-Nitrosomethylethylamine	88		2.374					9
25 1,4-Dioxane	88	2.381	2.380	0.001	79	139572	5.09	
34 Methyl methanesulfonate	80		2.587					
30 3-Picoline	93		2.651					9
233 n,n'-Dimethylacetamide	44		2.662					
35 Acrylamide	71		2.744					
26 N-Nitrosodimethylamine	74	2.867	2.866	0.001	80	210782	5.85	
36 N-Nitrosodiethylamine	102		2.897					
27 Pyridine	79	2.915	2.914	0.001	88	376733	5.13	
37 Ethyl methanesulfonate	79		3.105					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
38 2-Methylcyclohexanone	68		3.292					
39 3-Methylcyclohexanone	69		3.319					
40 4-Methylcyclohexanone	55		3.356					
45 Pentachloroethane	167		3.501					
42 Phenylmercaptan	110		3.596					
28 Ethyl methacrylate	69	3.604	3.608	-0.004	78	215637	3.02	
232 1-Methyl-2-pyrrilidinone	99		3.880					
56 N-Nitrosopyrrolidine	100		3.992					
29 3-Chloropropionitrile	54	4.005	4.004	0.001	82	175716	6.74	
59 N-Nitrosomorpholine	56		4.013					9
60 2-Toluidine	106		4.040					
52 Indene	115		4.084					
63 N-Nitrosopiperidine	114		4.254					
33 Malononitrile	66		4.404					
68 o,o',o''-Triethylphosphorothioat	198		4.435					
17 4-Chlorophenol	128		4.500					
24 Catechol	110		4.592					9
72 alpha,alpha-Dimethyl phenethylam	58		4.601					9
77 2,6-Dichlorophenol	162		4.729					
78 Hexachloropropene	213		4.756					
15 3-Methylcatechol	124		4.913					
83 N-Nitrosodi-n-butylamine	84		4.953					
85 p-Phenylene diamine	108		4.969					
14 4-Methylcatechol	124		5.036					
81 Benzothiazole	135		5.046					
82 Quinoline	129		5.099					
94 Safrole, Total	162		5.119					
91 1,2,4,5-Tetrachlorobenzene	216		5.327					
225 Isosafrole Peak 1	162		5.333					
227 Isosafrole Peak 2	162		5.498					
41 Benzaldehyde	77	5.538	5.537	0.001	81	440739	6.33	
43 Phenol	94	5.592	5.590	0.002	97	452754	4.98	
44 Aniline	93	5.635	5.633	0.001	82	556671	4.90	
103 1,4-Naphthoquinone	158		5.680					
69 Bis(2-chloroethyl)ether	93	5.688	5.686	0.002	91	400970	5.72	
104 1,4-Dinitrobenzene	168		5.712					
96 3,4-Dichloronitrobenzene	109		5.725					
46 2-Chlorophenol	128	5.741	5.745	-0.004	89	255243	4.95	
106 1,3-Dinitrobenzene	168		5.771					
101 Phenyl ether	170		5.773					
47 1,3-Dichlorobenzene	146	5.886	5.889	-0.003	80	323214	5.83	
48 1,4-Dichlorobenzene	146	5.955	5.953	0.002	78	267950	4.78	
49 Benzyl alcohol	108	6.046	6.050	-0.004	84	207071	4.87	
115 Pentachlorobenzene	250		6.091					
50 1,2-Dichlorobenzene	146	6.089	6.092	-0.003	74	304286	5.65	
51 2-Methylphenol	108	6.137	6.140	-0.003	93	298987	4.93	
117 1-Naphthylamine	143		6.166					9
53 2,2'-oxybis[1-chloropropane]	45	6.169	6.167	0.002	96	428927	6.00	
119 2,3,4,6-Tetrachlorophenol	232		6.203					
120 2-Naphthylamine	143		6.225					
21 3 & 4 Methylphenol	108	6.270	6.269	0.001	94	324754	5.03	
57 N-Nitrosodi-n-propylamine	70	6.281	6.279	0.002	69	325853	5.12	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
58 Acetophenone	105	6.286	6.290	-0.004	84	445502	4.76	
122 Thionazin	97		6.305					9
124 N-Nitro-o-toluidine	152		6.358					
127 Tributyl phosphate	99		6.379					9
61 Hexachloroethane	117	6.393	6.391	0.002	89	146030	5.57	
130 Diphenylamine	169		6.428					9
62 Nitrobenzene	77	6.441	6.440	0.001	73	538789	5.83	
134 Sulfotepp	202		6.518					
135 1,3,5-Trinitrobenzene	213		6.614					
228 Diallate Peak 1	86		6.630					9
138 Phorate	121		6.636					9
137 Phenacetin	108		6.641					9
64 Isophorone	82	6.644	6.643	0.001	95	780488	4.63	
230 Diallate Peak 2	86		6.695					
66 2-Nitrophenol	139	6.719	6.717	0.002	86	130360	5.17	
67 1,3,5-Trichlorobenzene	180	6.730	6.728	0.002	83	292420	5.65	
65 2,4-Dimethylphenol	107	6.735	6.733	0.002	97	337045	4.76	
140 Dimethoate	87		6.764					9
71 Benzoic acid	122	6.783	6.803	-0.020	75	245619	9.05	
70 Bis(2-chloroethoxy)methane	93	6.820	6.819	0.001	98	505213	5.85	
129 4-Aminobiphenyl	169		6.892					
144 Pronamide	173		6.919					9
145 Pentachloronitrobenzene	237		6.919					
73 2,4-Dichlorophenol	162	6.922	6.920	0.002	90	195783	4.81	
74 1,2,4-Trichlorobenzene	180	7.002	7.000	0.002	81	299879	5.96	
146 Disulfoton	88		7.010					9
147 Dinoseb	211		7.020					
75 Naphthalene	128	7.072	7.075	-0.003	79	751186	4.76	
76 4-Chloroaniline	127	7.104	7.107	-0.003	77	302071	4.84	
79 Hexachlorobutadiene	225	7.168	7.171	-0.003	85	161140	5.87	
80 1,2,3-Trichlorobenzene	180		7.193					
152 Methyl parathion	109		7.282					9
84 Caprolactam	113	7.381	7.390	-0.009	82	97842	5.90	
86 4-Chloro-3-methylphenol	107	7.499	7.503	-0.004	81	294201	4.93	
155 Ethyl Parathion	97		7.560					9
156 4-Nitroquinoline-1-oxide	190		7.613					
153 Diphenylsulfone	125		7.616					
157 Methapyrilene	58		7.645					
87 2-Methylnaphthalene	142	7.659	7.663	-0.004	83	475600	4.81	
88 1-Methylnaphthalene	142	7.745	7.748	-0.003	81	465315	4.87	
89 Hexachlorocyclopentadiene	237	7.787	7.791	-0.004	59	152930	5.29	
90 1,2,3,5-Tetrachlorobenzene	216	7.787	7.791	-0.004	80	284137	5.66	
158 Isodrin	66		7.816					9
92 2,4,6-Trichlorophenol	196	7.889	7.887	0.002	83	156822	5.03	
93 2,4,5-Trichlorophenol	196	7.921	7.919	0.002	89	158892	4.63	
97 2,4-Toluene diamine	121	8.028	8.032	-0.004	93	175430	6.24	
99 1,2,3,4 -Tetrachlorobenzene	216	8.044	8.048	-0.004	87	288022	0	
98 1,1'-Biphenyl	154	8.049	8.053	-0.004	86	628887	4.84	
100 2-Chloronaphthalene	162	8.076	8.080	-0.004	93	564983	5.69	
226 Aramite Peak 1	185		8.131					9
102 2-Nitroaniline	65	8.151	8.149	0.002	71	227437	4.92	
229 Aramite Peak 2	185		8.185					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
163 p-Dimethylamino azobenzene	225		8.276					
105 Dimethyl phthalate	163	8.284	8.288	-0.004	92	540990	4.63	
164 Chlorobenzilate	139		8.297					
107 2,6-Dinitrotoluene	165	8.343	8.347	-0.004	73	144829	5.96	
108 1,2-Dinitrobenzene	168	8.396	8.395	0.001	82	69171	5.79	
109 Acenaphthylene	152	8.434	8.432	0.002	67	763335	4.82	
167 Famphur	218		8.473					
110 3-Nitroaniline	138	8.493	8.491	0.002	81	134113	5.13	
169 3,3'-Dimethylbenzidine	212		8.516					
112 Acenaphthene	153	8.578	8.576	0.002	89	470685	4.69	
111 2,4-Dinitrophenol	184	8.578	8.582	-0.004	68	134254	9.07	
113 4-Nitrophenol	109	8.605	8.608	-0.003	86	89210	4.64	
114 2,4-Dinitrotoluene	165	8.685	8.689	-0.004	74	200132	6.14	
171 2-Acetylaminofluorene	181		8.713					
116 Dibenzofuran	168	8.717	8.721	-0.004	83	682560	4.71	
118 2,3,5,6-Tetrachlorophenol	232	8.776	8.779	-0.003	88	129839	4.56	
121 Diethyl phthalate	149	8.877	8.876	0.001	94	522982	4.52	
123 4-Chlorophenyl phenyl ether	204	8.995	8.993	0.002	92	346153	5.56	
126 Fluorene	166	9.011	9.009	0.002	69	565854	4.61	
125 4-Nitroaniline	138	9.005	9.009	-0.004	79	143802	5.22	
128 4,6-Dinitro-2-methylphenol	198	9.032	9.031	0.002	74	97931	4.64	
131 N-Nitrosodiphenylamine	169	9.091	9.089	0.002	92	408256	4.79	
132 1,2-Diphenylhydrazine	77	9.128	9.127	0.001	100	986805	4.75	
133 Azobenzene	77	9.128	9.127	0.001	92	986230	4.75	
176 Hexabromobenzene	232		9.208					
139 4-Bromophenyl phenyl ether	248	9.411	9.410	0.001	66	190559	6.12	
141 Hexachlorobenzene	284	9.476	9.474	0.002	76	191599	6.10	
142 Atrazine	200	9.518	9.522	-0.004	81	140753	5.19	
179 6-Methylchrysene	242		9.576					
143 Pentachlorophenol	266	9.630	9.634	-0.004	75	200034	8.95	
148 Phenanthrene	178	9.823	9.826	-0.003	82	843154	4.57	
181 7,12-Dimethylbenz(a)anthracene	256		9.856					
149 Anthracene	178	9.871	9.869	0.002	83	873982	4.73	
150 DFTPP								
151 Carbazole	167	9.994	9.992	0.002	60	766251	4.63	
154 Di-n-butyl phthalate	149	10.245	10.249	-0.003	98	879038	4.33	
185 3-Methylcholanthrene	268		10.594					
159 Fluoranthene	202	10.832	10.836	-0.004	78	941015	4.47	
160 Benzidine	184	10.929	10.927	0.002	87	374069	3.58	
161 Pyrene	202	11.046	11.044	0.002	72	1007173	4.51	
166 4,4'-DDE	246		11.102					9
165 4,4'-DDD	235		11.471					
168 Butyl benzyl phthalate	149	11.634	11.637	-0.003	86	378388	4.24	
187 Dibenz[a,h]acridine	279		11.729					
170 4,4'-DDT	235		11.760					
186 Dibenz[a,j]acridine	279		11.804					
172 3,3'-Dimethoxybenzidine	244	12.248	12.246	0.002	89	188501	4.07	
174 4,4'-Methylene bis(2-chloroanili	231	12.291	12.289	0.002	71	165132	4.58	
175 3,3'-Dichlorobenzidine	252	12.291	12.289	0.002	69	316497	4.45	
173 Bis(2-ethylhexyl) phthalate	149	12.307	12.311	-0.004	93	544533	4.10	
177 Benzo[a]anthracene	228	12.344	12.348	-0.004	78	895801	4.45	
178 Chrysene	228	12.392	12.396	-0.004	83	833419	4.52	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
180 Di-n-octyl phthalate	149	13.220	13.219	0.001	99	839924	4.07	
182 Benzo[b]fluoranthene	252	13.856	13.860	-0.004	84	775823	4.22	
183 Benzo[k]fluoranthene	252	13.899	13.903	-0.004	84	873935	4.62	
184 Benzo[a]pyrene	252	14.358	14.357	0.001	76	767229	4.42	
188 Indeno[1,2,3-cd]pyrene	276	16.105	16.109	-0.004	77	849537	4.45	
189 Dibenz(a,h)anthracene	278	16.132	16.141	-0.009	62	715498	4.57	
190 Benzo[g,h,i]perylene	276	16.559	16.563	-0.004	65	722015	4.50	
S 191 Methyl Phenols,Total	100				0		9.96	
S 95 Isosafrole	162		5.568					7
S 136 Diallate	86		6.701					7
S 162 Aramite, Total	185		8.271					7
T 192 Octadecane (TIC)	57		0.000					1
T 195 Hydroquinone TIC	110	7.349	0.0	7.349	91	89809	0	
T 194 Decane TIC	57		0.000					1
T 240 Trimethyl phosphate TIC	110		3.120					1
T 234 2-Isopropylphenol TIC	121		4.623					1
T 236 3-isopropylphenol TIC	121		4.756					1
T 235 4-isopropylphenol TIC	121		4.756					1
T 193 Hexamethylphosphoramide TIC	135		5.100					1
T 237 3-(1,1-Dimethylethyl Phenol) TIC	135		5.110					1
T 196 Kepone TIC	272	7.793	8.283	-0.488	1	20533	0.1272	
T 242 Triphenyl Phosphate TIC	326		8.700					1
T 238 2,3,7,8-TCDD TIC	1		9.000					1
T 231 2,3,7,8-TCDD	322	9.198	9.150	0.048	7	87397	0	
T 197 Hexachlorophene TIC	198	11.158	9.271	1.889	1	19061	0.1436	
T 241 Tricresyl phosphate TIC	368		9.372					1
T 239 Tris(2,3-dibromopropyl)phosphate	201		10.600					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

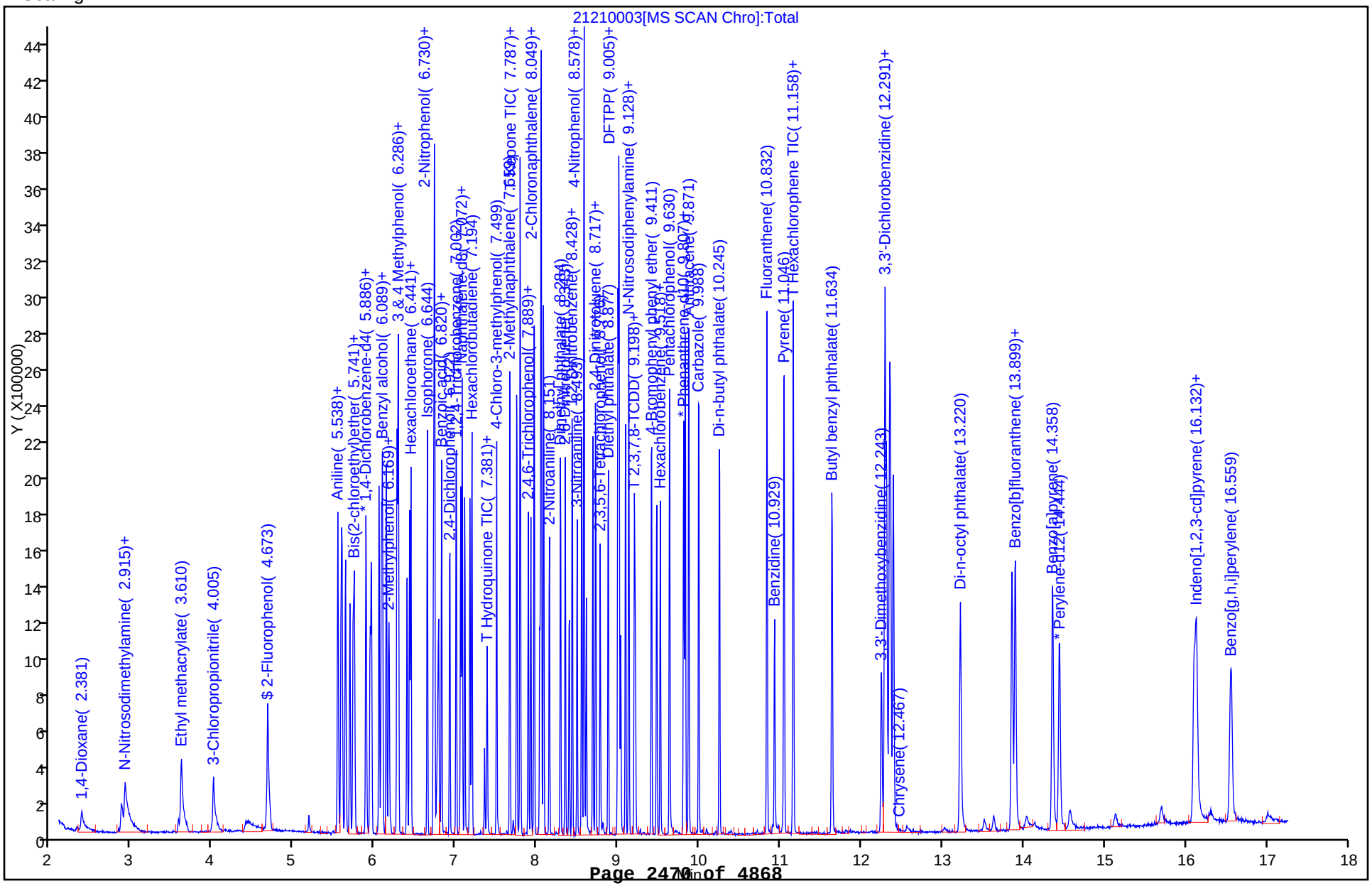
Report Date: 11-Dec-2012 08:19:40 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121210-15667.b\21210003.D

Injection Date:	10-Dec-2012 08:20:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67921	Lims Sample ID:	3
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-67921/8

Matrix: Solid | Lab File ID: 21210008.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/10/2012 10:28

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 67921 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	4.62		0.00020	0.00010	0.00010
208-96-8	Acenaphthylene	4.77		0.00020	0.00010	0.00010
120-12-7	Anthracene	4.61		0.00020	0.00010	0.00010
56-55-3	Benzo[a]anthracene	4.45		0.00020	0.00010	0.00010
50-32-8	Benzo[a]pyrene	4.47		0.00020	0.00010	0.00010
205-99-2	Benzo[b]fluoranthene	4.41		0.00020	0.00010	0.00010
191-24-2	Benzo[g,h,i]perylene	3.74		0.00020	0.00010	0.00010
65-85-0	Benzoic acid	8.61		0.025	0.010	0.010
207-08-9	Benzo[k]fluoranthene	4.62		0.00020	0.00010	0.00010
100-51-6	Benzyl alcohol	5.26		0.0050	0.00080	0.00038
111-91-1	Bis(2-chloroethoxy)methane	6.07		0.0010	0.00080	0.00032
111-44-4	Bis(2-chloroethyl)ether	6.23		0.0010	0.00010	0.00010
117-81-7	Bis(2-ethylhexyl) phthalate	4.48		0.0020	0.00080	0.00080
101-55-3	4-Bromophenyl phenyl ether	5.96		0.0020	0.00080	0.00080
85-68-7	Butyl benzyl phthalate	4.67		0.0010	0.00080	0.00080
86-74-8	Carbazole	4.41		0.0010	0.00080	0.00028
59-50-7	4-Chloro-3-methylphenol	4.94		0.0020	0.00080	0.00080
91-58-7	2-Chloronaphthalene	5.56		0.0010	0.00010	0.00010
95-57-8	2-Chlorophenol	5.16		0.0010	0.00080	0.00029
7005-72-3	4-Chlorophenyl phenyl ether	5.47		0.0020	0.00080	0.00030
218-01-9	Chrysene	4.45		0.00020	0.00010	0.00010
53-70-3	Dibenz(a,h)anthracene	4.01		0.00020	0.00010	0.00010
132-64-9	Dibenzofuran	4.72		0.0010	0.00010	0.00010
106-46-7	1,4-Dichlorobenzene	5.02		0.0010	0.00080	0.00034
95-50-1	1,2-Dichlorobenzene	5.90		0.0010	0.00080	0.00029
541-73-1	1,3-Dichlorobenzene	6.04		0.0010	0.00080	0.00080
91-94-1	3,3'-Dichlorobenzidine	4.72		0.0050	0.00080	0.00037
120-83-2	2,4-Dichlorophenol	4.95		0.0020	0.00080	0.00080
84-66-2	Diethyl phthalate	4.50		0.0010	0.00080	0.00060
105-67-9	2,4-Dimethylphenol	4.83		0.0020	0.00080	0.00080
131-11-3	Dimethyl phthalate	4.58		0.0010	0.00080	0.00029
84-74-2	Di-n-butyl phthalate	4.42		0.0010	0.00080	0.00067
534-52-1	4,6-Dinitro-2-methylphenol	3.37	^	0.0050	0.0024	0.0024
51-28-5	2,4-Dinitrophenol	5.44	^	0.0050	0.0024	0.0024

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-67921/8

Matrix: Solid | Lab File ID: 21210008.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/10/2012 10:28

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 67921 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
121-14-2	2,4-Dinitrotoluene	5.86		0.0050	0.00080	0.00027
606-20-2	2,6-Dinitrotoluene	5.94		0.0050	0.00080	0.00080
117-84-0	Di-n-octyl phthalate	4.83		0.0010	0.00080	0.00080
206-44-0	Fluoranthene	4.35		0.00020	0.00010	0.00010
86-73-7	Fluorene	4.58		0.00020	0.00010	0.00010
118-74-1	Hexachlorobenzene	5.72		0.00020	0.00010	0.00010
87-68-3	Hexachlorobutadiene	5.67		0.0010	0.00080	0.00027
77-47-4	Hexachlorocyclopentadiene	0.496	^	0.010	0.00080	0.00080
67-72-1	Hexachloroethane	4.50		0.0010	0.00080	0.00080
193-39-5	Indeno[1,2,3-cd]pyrene	3.95		0.00020	0.00010	0.00010
78-59-1	Isophorone	4.80		0.0010	0.00080	0.00027
91-57-6	2-Methylnaphthalene	4.86		0.00020	0.00010	0.00010
95-48-7	2-Methylphenol	5.50		0.0010	0.00080	0.00080
15831-10-4	3 & 4 Methylphenol	5.37		0.0020	0.00080	0.00080
91-20-3	Naphthalene	4.72		0.00020	0.00010	0.00010
88-74-4	2-Nitroaniline	5.16		0.0020	0.00080	0.00080
99-09-2	3-Nitroaniline	5.30		0.0020	0.00080	0.00028
100-01-6	4-Nitroaniline	4.88		0.0020	0.00080	0.00080
98-95-3	Nitrobenzene	5.94		0.0010	0.00010	0.000040
88-75-5	2-Nitrophenol	5.41		0.0020	0.00080	0.00028
100-02-7	4-Nitrophenol	4.51		0.0050	0.0024	0.0024
621-64-7	N-Nitrosodi-n-propylamine	5.37		0.0010	0.00080	0.00080
86-30-6	N-Nitrosodiphenylamine	4.73		0.0010	0.00080	0.00031
87-86-5	Pentachlorophenol	7.69		0.0050	0.0024	0.0024
85-01-8	Phenanthrene	4.37		0.00020	0.00010	0.00010
108-95-2	Phenol	5.23		0.0010	0.00080	0.00060
129-00-0	Pyrene	4.57		0.00020	0.00010	0.00010
120-82-1	1,2,4-Trichlorobenzene	5.79		0.0010	0.00080	0.00028
95-95-4	2,4,5-Trichlorophenol	4.45		0.0050	0.00080	0.00030
88-06-2	2,4,6-Trichlorophenol	4.85		0.0050	0.00080	0.00080

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-67921/8

Matrix: Solid | Lab File ID: 21210008.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/10/2012 10:28

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 67921 | Units: ng/uL

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	109	Q	50-150
367-12-4	2-Fluorophenol (Surr)	104		50-150
4165-60-0	Nitrobenzene-d5 (Surr)	120	Q	50-150
1718-51-0	Terphenyl-d14 (Surr)	106		50-150
118-79-6	2,4,6-Tribromophenol (Surr)	99		50-150
4165-62-2	Phenol-d5 (Surr)	108	Q	50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121210-15667.b\21210008.D
Lims ID: mrl qccl Client ID:
Inject. Date: 10-Dec-2012 10:28:30 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0015667-008
Misc. Info.: MRL QCCL =MRL QCCL
Operator: 001574 Instrument ID: A4HP9
Injection Vol: 1.0 ul ALS Bottle#: 8
Lims Batch ID: 67921 Lims Sample ID: 8
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121210-15667.b\8270 _9.m
Last Update: 11-Dec-2012 08:19:38 Calib Date: 03-Dec-2012 15:01:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121203-15467.b\21203010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: 5% phenyl Column Dia: 0.18 mm
Process Host: XAWRK035

First Level Reviewer: ulmanm Date: 10-Dec-2012 11:14:10

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.939	5.937	0.002	83	154613	4.00	
* 2 Naphthalene-d8	136	7.056	7.054	0.002	98	672840	4.00	
* 3 Acenaphthene-d10	164	8.546	8.550	-0.004	64	430528	4.00	
* 4 Phenanthrene-d10	188	9.807	9.805	0.002	77	761699	4.00	
* 5 Chrysene-d12	240	12.361	12.359	0.002	77	753914	4.00	
* 6 Perylene-d12	264	14.444	14.442	0.002	88	633842	4.00	
$ 7 2-Fluorophenol	112	4.679	4.677	0.002	94	315719	5.19	
$ 8 Phenol-d5	99	5.581	5.579	0.002	0	473200	5.39	
$ 9 Nitrobenzene-d5	82	6.426	6.424	0.002	83	618234	6.00	
$ 10 2-Fluorobiphenyl (Surr)	172	7.959	7.962	-0.003	95	778952	5.45	
$ 11 2,4,6-Tribromophenol	330	9.209	9.212	-0.003	81	82582	4.95	
$ 12 Terphenyl-d14	244	11.159	11.157	0.002	97	819777	5.31	
20 Dimethylformamide	1		0.000					
19 Octachlorostyrene	1		0.000					
13 Octachlorocyclopentene	1		0.000					
18 Bis(4-hydroxyphenyl)methane	1		0.000					
22 Bis(2-hydroxyphenyl)methane	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
23 2,5-Dichlorophenol	1		0.000					
31 2-Picoline	93		2.310					9
32 N-Nitrosomethylethylamine	88		2.374					9
25 1,4-Dioxane	88	2.382	2.380	0.002	78	143454	4.78	
34 Methyl methanesulfonate	80		2.587					
30 3-Picoline	93		2.651					
233 n,n'-Dimethylacetamide	44		2.662					
35 Acrylamide	71	2.761	2.744	0.017	20	518	0	
26 N-Nitrosodimethylamine	74	2.873	2.866	0.007	90	238137	6.04	
36 N-Nitrosodiethylamine	102		2.897					
27 Pyridine	79	2.921	2.914	0.007	90	401588	4.99	
37 Ethyl methanesulfonate	79		3.105					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
38 2-Methylcyclohexanone	68	3.258	3.292	-0.034	1	177	0	
39 3-Methylcyclohexanone	69	3.306	3.319	-0.013	1	1225	0	
40 4-Methylcyclohexanone	55	3.327	3.356	-0.029	1	6829	0	
45 Pentachloroethane	167		3.501					
42 Phenylmercaptan	110		3.596					
28 Ethyl methacrylate	69	3.610	3.608	0.002	76	404766	5.19	
232 1-Methyl-2-pyrrilidinone	99		3.880					
56 N-Nitrosopyrrolidine	100		3.992					
29 3-Chloropropionitrile	54	4.006	4.004	0.002	83	179050	6.28	
59 N-Nitrosomorpholine	56		4.013					
60 2-Toluidine	106		4.040					
52 Indene	115		4.084					
63 N-Nitrosopiperidine	114		4.254					
33 Malononitrile	66	4.406	4.404	0.002	92	89836	0	
68 o,o',o''-Triethylphosphorothioat	198		4.435					
17 4-Chlorophenol	128		4.500					9
24 Catechol	110		4.592					9
72 alpha,alpha-Dimethyl phenethylam	58		4.601					9
77 2,6-Dichlorophenol	162		4.729					
78 Hexachloropropene	213		4.756					
15 3-Methylcatechol	124		4.913					
83 N-Nitrosodi-n-butylamine	84		4.953					
85 p-Phenylene diamine	108		4.969					
14 4-Methylcatechol	124		5.036					
81 Benzothiazole	135		5.046					
82 Quinoline	129		5.099					
94 Safrole, Total	162		5.119					
91 1,2,4,5-Tetrachlorobenzene	216		5.327					
225 Isosafrole Peak 1	162		5.333					
227 Isosafrole Peak 2	162		5.498					
41 Benzaldehyde	77	5.539	5.537	0.002	81	502636	6.63	
43 Phenol	94	5.592	5.590	0.002	96	520559	5.23	
44 Aniline	93	5.635	5.633	0.002	82	652129	5.24	
103 1,4-Naphthoquinone	158		5.680					
69 Bis(2-chloroethyl)ether	93	5.688	5.686	0.002	94	478072	6.23	
104 1,4-Dinitrobenzene	168		5.712					
96 3,4-Dichloronitrobenzene	109		5.725					9
46 2-Chlorophenol	128	5.742	5.745	-0.003	81	291469	5.16	
106 1,3-Dinitrobenzene	168		5.771					
101 Phenyl ether	170		5.773					
47 1,3-Dichlorobenzene	146	5.886	5.889	-0.003	80	366813	6.04	
48 1,4-Dichlorobenzene	146	5.950	5.953	-0.003	79	307885	5.02	
49 Benzyl alcohol	108	6.046	6.050	-0.004	83	244752	5.26	
115 Pentachlorobenzene	250		6.091					
50 1,2-Dichlorobenzene	146	6.089	6.092	-0.003	76	348248	5.90	
51 2-Methylphenol	108	6.137	6.140	-0.003	93	365176	5.50	
117 1-Naphthylamine	143		6.166					9
53 2,2'-oxybis[1-chloropropane]	45	6.169	6.167	0.002	94	512698	6.55	
119 2,3,4,6-Tetrachlorophenol	232		6.203					
120 2-Naphthylamine	143		6.225					
21 3 & 4 Methylphenol	108	6.271	6.269	0.002	95	379716	5.37	
57 N-Nitrosodi-n-propylamine	70	6.281	6.279	0.002	73	373862	5.37	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
58 Acetophenone	105	6.287	6.290	-0.003	83	539293	5.26	
122 Thionazin	97		6.305					9
124 N-Nitro-o-toluidine	152		6.358					
127 Tributyl phosphate	99		6.379					9
61 Hexachloroethane	117	6.393	6.391	0.002	90	129073	4.50	
130 Diphenylamine	169		6.428					
62 Nitrobenzene	77	6.442	6.440	0.002	74	643830	5.94	
134 Sulfotepp	202		6.518					
135 1,3,5-Trinitrobenzene	213		6.614					
228 Diallate Peak 1	86		6.630					
138 Phorate	121		6.636					9
137 Phenacetin	108		6.641					9
64 Isophorone	82	6.645	6.643	0.002	93	949535	4.80	
230 Diallate Peak 2	86		6.695					
66 2-Nitrophenol	139	6.719	6.717	0.002	88	160035	5.41	
67 1,3,5-Trichlorobenzene	180	6.730	6.728	0.002	80	343744	5.67	
65 2,4-Dimethylphenol	107	6.735	6.733	0.002	94	400957	4.83	
140 Dimethoate	87		6.764					9
71 Benzoic acid	122	6.783	6.803	-0.020	76	270905	8.61	
70 Bis(2-chloroethoxy)methane	93	6.821	6.819	0.002	95	614072	6.07	
129 4-Aminobiphenyl	169		6.892					
144 Pronamide	173		6.919					9
145 Pentachloronitrobenzene	237		6.919					
73 2,4-Dichlorophenol	162	6.922	6.920	0.002	90	235935	4.95	
74 1,2,4-Trichlorobenzene	180	6.997	7.000	-0.003	82	341579	5.79	
146 Disulfoton	88		7.010					9
147 Dinoseb	211		7.020					
75 Naphthalene	128	7.072	7.075	-0.003	80	872632	4.72	
76 4-Chloroaniline	127	7.104	7.107	-0.003	77	366942	5.02	
79 Hexachlorobutadiene	225	7.168	7.171	-0.003	87	182403	5.67	
80 1,2,3-Trichlorobenzene	180	7.195	7.193	0.002	82	326616	0	
152 Methyl parathion	109		7.282					
84 Caprolactam	113	7.387	7.390	-0.003	77	85519	4.40	
86 4-Chloro-3-methylphenol	107	7.499	7.503	-0.004	78	345555	4.94	
155 Ethyl Parathion	97		7.560					
156 4-Nitroquinoline-1-oxide	190		7.613					
153 Diphenylsulfone	125		7.616					9
157 Methapyrilene	58		7.645					9
87 2-Methylnaphthalene	142	7.660	7.663	-0.003	85	563103	4.86	
88 1-Methylnaphthalene	142	7.745	7.748	-0.003	79	536214	4.78	
89 Hexachlorocyclopentadiene	237	7.788	7.791	-0.003	36	17172	0.4962	
90 1,2,3,5-Tetrachlorobenzene	216	7.788	7.791	-0.003	81	350987	5.84	
158 Isodrin	66		7.816					
92 2,4,6-Trichlorophenol	196	7.889	7.887	0.002	86	180778	4.85	
93 2,4,5-Trichlorophenol	196	7.921	7.919	0.002	88	182627	4.45	
97 2,4-Toluene diamine	121	8.028	8.032	-0.004	94	203492	6.17	
99 1,2,3,4 -Tetrachlorobenzene	216	8.044	8.048	-0.004	82	332495	0	
98 1,1'-Biphenyl	154	8.050	8.053	-0.003	91	746621	4.80	
100 2-Chloronaphthalene	162	8.076	8.080	-0.004	92	660131	5.56	
226 Aramite Peak 1	185		8.131					9
102 2-Nitroaniline	65	8.146	8.149	-0.003	70	285309	5.16	
229 Aramite Peak 2	185		8.185					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
163 p-Dimethylamino azobenzene	225		8.276					
105 Dimethyl phthalate	163	8.285	8.288	-0.003	92	639977	4.58	
164 Chlorobenzilate	139		8.297					
107 2,6-Dinitrotoluene	165	8.343	8.347	-0.004	74	172734	5.94	
108 1,2-Dinitrobenzene	168	8.397	8.395	0.002	77	85997	6.01	
109 Acenaphthylene	152	8.429	8.432	-0.003	85	903809	4.77	
167 Famphur	218		8.473					
110 3-Nitroaniline	138	8.493	8.491	0.002	77	165917	5.30	
169 3,3'-Dimethylbenzidine	212		8.516					
112 Acenaphthene	153	8.578	8.576	0.002	90	554621	4.62	
111 2,4-Dinitrophenol	184	8.578	8.582	-0.004	62	82265	5.44	
113 4-Nitrophenol	109	8.605	8.608	-0.003	82	103725	4.51	
114 2,4-Dinitrotoluene	165	8.685	8.689	-0.004	77	228779	5.86	
171 2-Acetylaminofluorene	181		8.713					
116 Dibenzofuran	168	8.723	8.721	0.002	86	818091	4.72	
118 2,3,5,6-Tetrachlorophenol	232	8.776	8.779	-0.003	85	147913	4.34	
121 Diethyl phthalate	149	8.878	8.876	0.002	95	623459	4.50	
123 4-Chlorophenyl phenyl ether	204	8.995	8.993	0.002	91	407114	5.47	
126 Fluorene	166	9.011	9.009	0.002	67	671315	4.58	
125 4-Nitroaniline	138	9.006	9.009	-0.003	76	160791	4.88	
128 4,6-Dinitro-2-methylphenol	198	9.033	9.031	0.002	73	82209	3.37	
131 N-Nitrosodiphenylamine	169	9.091	9.089	0.002	92	497942	4.73	
132 1,2-Diphenylhydrazine	77	9.129	9.127	0.002	100	1178188	4.60	
133 Azobenzene	77	9.129	9.127	0.002	93	1178188	4.60	
176 Hexabromobenzene	232	9.203	9.208	-0.005	10	703	0	
139 4-Bromophenyl phenyl ether	248	9.412	9.410	0.002	65	228805	5.96	
141 Hexachlorobenzene	284	9.476	9.474	0.002	78	221815	5.72	
142 Atrazine	200	9.519	9.522	-0.003	81	173237	5.17	
179 6-Methylchrysene	242		9.576					
143 Pentachlorophenol	266	9.631	9.634	-0.003	75	209818	7.69	
148 Phenanthrene	178	9.828	9.826	0.002	82	994771	4.37	
181 7,12-Dimethylbenz(a)anthracene	256		9.856					
149 Anthracene	178	9.871	9.869	0.002	84	1051197	4.61	
150 DFTPP								
151 Carbazole	167	9.994	9.992	0.002	62	900203	4.41	
154 Di-n-butyl phthalate	149	10.245	10.249	-0.003	100	1109668	4.42	
185 3-Methylcholanthrene	268		10.594					
159 Fluoranthene	202	10.833	10.836	-0.003	78	1130638	4.35	
160 Benzidine	184	10.929	10.927	0.002	82	449568	3.67	
161 Pyrene	202	11.046	11.044	0.002	72	1192022	4.57	
166 4,4'-DDE	246		11.102					9
165 4,4'-DDD	235		11.471					
168 Butyl benzyl phthalate	149	11.634	11.637	-0.003	85	485939	4.67	
187 Dibenz[a,h]acridine	279		11.729					
170 4,4'-DDT	235		11.760					9
186 Dibenz[a,j]acridine	279		11.804					
172 3,3'-Dimethoxybenzidine	244	12.248	12.246	0.002	82	279832	4.99	
174 4,4'-Methylene bis(2-chloroanili	231	12.291	12.289	0.002	61	205351	4.88	
175 3,3'-Dichlorobenzidine	252	12.291	12.289	0.002	71	393100	4.72	
173 Bis(2-ethylhexyl) phthalate	149	12.307	12.311	-0.004	94	693499	4.48	
177 Benzo[a]anthracene	228	12.345	12.348	-0.003	84	1045811	4.45	
178 Chrysene	228	12.393	12.396	-0.003	82	957922	4.45	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
180 Di-n-octyl phthalate	149	13.221	13.219	0.002	98	1207498	4.83	
182 Benzo[b]fluoranthene	252	13.856	13.860	-0.004	80	968552	4.41	
183 Benzo[k]fluoranthene	252	13.899	13.903	-0.004	84	1044960	4.62	
184 Benzo[a]pyrene	252	14.359	14.357	0.002	74	928011	4.47	
188 Indeno[1,2,3-cd]pyrene	276	16.105	16.109	-0.004	87	899292	3.95	
189 Dibenz(a,h)anthracene	278	16.138	16.141	-0.003	51	748978	4.01	
190 Benzo[g,h,i]perylene	276	16.560	16.563	-0.003	76	715266	3.74	
S 191 Methyl Phenols,Total	100				0		10.9	
S 95 Isosafrole	162		5.568					7
S 136 Diallate	86		6.701					7
S 162 Aramite, Total	185		8.271					7
T 192 Octadecane (TIC)	57		0.000					
T 195 Hydroquinone TIC	110		0.000					
T 194 Decane TIC	57		0.000					1
T 240 Trimethyl phosphate TIC	110		3.120					1
T 234 2-Isopropylphenol TIC	121		4.623					1
T 236 3-isopropylphenol TIC	121		4.756					1
T 235 4-isopropylphenol TIC	121		4.756					1
T 193 Hexamethylphosphoramide TIC	135		5.100					1
T 237 3-(1,1-Dimethylethyl Phenol) TIC	135		5.110					1
T 196 Kepone TIC	272		8.281					
T 242 Triphenyl Phosphate TIC	326		8.700					1
T 238 2,3,7,8-TCDD TIC	1		9.000					1
T 231 2,3,7,8-TCDD	322		9.150					
T 197 Hexachlorophene TIC	198		9.269					
T 241 Tricresyl phosphate TIC	368		9.372					1
T 239 Tris(2,3-dibromopropyl)phosphate	201		10.600					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

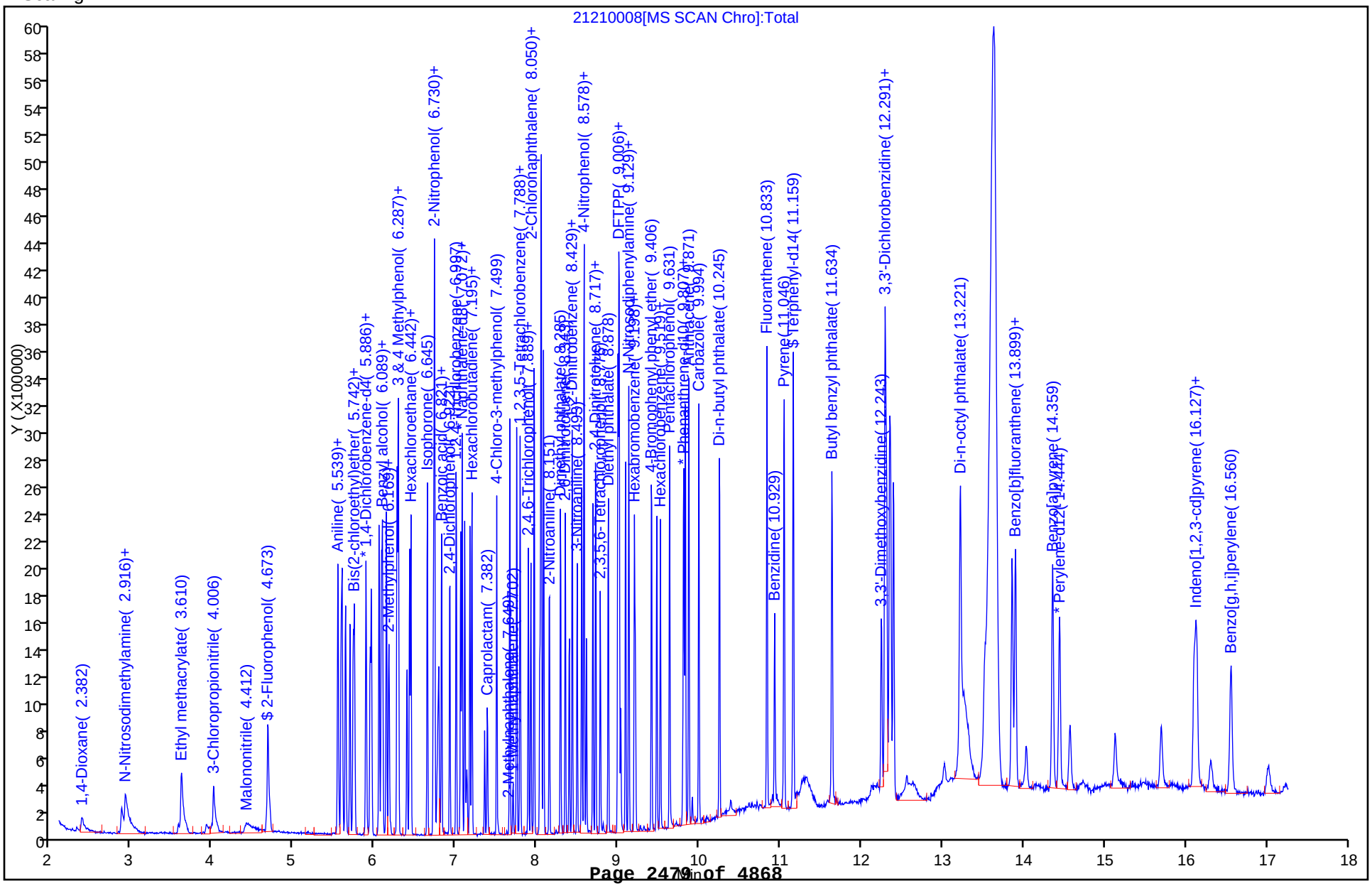
Report Date: 11-Dec-2012 08:19:56 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121210-15667.b\21210008.D

Injection Date:	10-Dec-2012 10:28:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	67921	Lims Sample ID:	8
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-68349/4

Matrix: Solid | Lab File ID: 21212104.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/12/2012 11:51

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 68349 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	4.93		0.00020	0.00010	0.00010
208-96-8	Acenaphthylene	5.02		0.00020	0.00010	0.00010
120-12-7	Anthracene	5.31		0.00020	0.00010	0.00010
56-55-3	Benzo[a]anthracene	5.00		0.00020	0.00010	0.00010
50-32-8	Benzo[a]pyrene	5.10		0.00020	0.00010	0.00010
205-99-2	Benzo[b]fluoranthene	5.06		0.00020	0.00010	0.00010
191-24-2	Benzo[g,h,i]perylene	5.20		0.00020	0.00010	0.00010
65-85-0	Benzoic acid	9.45		0.025	0.010	0.010
207-08-9	Benzo[k]fluoranthene	5.38		0.00020	0.00010	0.00010
100-51-6	Benzyl alcohol	4.88		0.0050	0.00080	0.00038
111-91-1	Bis(2-chloroethoxy)methane	4.88		0.0010	0.00080	0.00032
111-44-4	Bis(2-chloroethyl)ether	4.97		0.0010	0.00010	0.00010
117-81-7	Bis(2-ethylhexyl) phthalate	5.16		0.0020	0.00080	0.00080
101-55-3	4-Bromophenyl phenyl ether	4.95		0.0020	0.00080	0.00080
85-68-7	Butyl benzyl phthalate	4.95		0.0010	0.00080	0.00080
86-74-8	Carbazole	5.06		0.0010	0.00080	0.00028
59-50-7	4-Chloro-3-methylphenol	4.85		0.0020	0.00080	0.00080
91-58-7	2-Chloronaphthalene	5.02		0.0010	0.00010	0.00010
95-57-8	2-Chlorophenol	4.94		0.0010	0.00080	0.00029
7005-72-3	4-Chlorophenyl phenyl ether	4.89		0.0020	0.00080	0.00030
218-01-9	Chrysene	4.88		0.00020	0.00010	0.00010
53-70-3	Dibenz(a,h)anthracene	5.02		0.00020	0.00010	0.00010
132-64-9	Dibenzofuran	4.93		0.0010	0.00010	0.00010
106-46-7	1,4-Dichlorobenzene	5.00		0.0010	0.00080	0.00034
95-50-1	1,2-Dichlorobenzene	4.87		0.0010	0.00080	0.00029
541-73-1	1,3-Dichlorobenzene	4.86		0.0010	0.00080	0.00080
91-94-1	3,3'-Dichlorobenzidine	5.37		0.0050	0.00080	0.00037
120-83-2	2,4-Dichlorophenol	4.85		0.0020	0.00080	0.00080
84-66-2	Diethyl phthalate	5.03		0.0010	0.00080	0.00060
105-67-9	2,4-Dimethylphenol	4.93		0.0020	0.00080	0.00080
131-11-3	Dimethyl phthalate	4.96		0.0010	0.00080	0.00029
84-74-2	Di-n-butyl phthalate	4.89		0.0010	0.00080	0.00067
534-52-1	4,6-Dinitro-2-methylphenol	5.10		0.0050	0.0024	0.0024
51-28-5	2,4-Dinitrophenol	9.53		0.0050	0.0024	0.0024

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-68349/4

Matrix: Solid | Lab File ID: 21212104.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/12/2012 11:51

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 68349 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
121-14-2	2,4-Dinitrotoluene	5.20		0.0050	0.00080	0.00027
606-20-2	2,6-Dinitrotoluene	5.16		0.0050	0.00080	0.00080
117-84-0	Di-n-octyl phthalate	4.61		0.0010	0.00080	0.00080
206-44-0	Fluoranthene	5.09		0.00020	0.00010	0.00010
86-73-7	Fluorene	4.84		0.00020	0.00010	0.00010
118-74-1	Hexachlorobenzene	4.99		0.00020	0.00010	0.00010
87-68-3	Hexachlorobutadiene	4.81		0.0010	0.00080	0.00027
77-47-4	Hexachlorocyclopentadiene	5.01		0.010	0.00080	0.00080
67-72-1	Hexachloroethane	4.95		0.0010	0.00080	0.00080
193-39-5	Indeno[1,2,3-cd]pyrene	5.10		0.00020	0.00010	0.00010
78-59-1	Isophorone	4.81		0.0010	0.00080	0.00027
91-57-6	2-Methylnaphthalene	4.60		0.00020	0.00010	0.00010
95-48-7	2-Methylphenol	4.92		0.0010	0.00080	0.00080
15831-10-4	3 & 4 Methylphenol	4.97		0.0020	0.00080	0.00080
91-20-3	Naphthalene	4.81		0.00020	0.00010	0.00010
88-74-4	2-Nitroaniline	5.13		0.0020	0.00080	0.00080
99-09-2	3-Nitroaniline	5.26		0.0020	0.00080	0.00028
100-01-6	4-Nitroaniline	5.02		0.0020	0.00080	0.00080
98-95-3	Nitrobenzene	5.10		0.0010	0.00010	0.000040
88-75-5	2-Nitrophenol	4.90		0.0020	0.00080	0.00028
100-02-7	4-Nitrophenol	4.32		0.0050	0.0024	0.0024
621-64-7	N-Nitrosodi-n-propylamine	5.05		0.0010	0.00080	0.00080
86-30-6	N-Nitrosodiphenylamine	5.33		0.0010	0.00080	0.00031
87-86-5	Pentachlorophenol	10.1		0.0050	0.0024	0.0024
85-01-8	Phenanthrene	4.93		0.00020	0.00010	0.00010
108-95-2	Phenol	5.05		0.0010	0.00080	0.00060
129-00-0	Pyrene	4.97		0.00020	0.00010	0.00010
120-82-1	1,2,4-Trichlorobenzene	4.84		0.0010	0.00080	0.00028
95-95-4	2,4,5-Trichlorophenol	5.06		0.0050	0.00080	0.00030
88-06-2	2,4,6-Trichlorophenol	5.21		0.0050	0.00080	0.00080

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-68349/4

Matrix: Solid | Lab File ID: 21212104.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/12/2012 11:51

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 68349 | Units: ng/uL

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	97		50-150
367-12-4	2-Fluorophenol (Surr)	97		50-150
4165-60-0	Nitrobenzene-d5 (Surr)	102	Q	50-150
1718-51-0	Terphenyl-d14 (Surr)	102		50-150
118-79-6	2,4,6-Tribromophenol (Surr)	112		50-150
4165-62-2	Phenol-d5 (Surr)	101	Q	50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121212-15768.b\21212104.D
Lims ID: mrl qc
Client ID:
Inject. Date: 12-Dec-2012 11:51:30
Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0015768-004
Misc. Info.: MRL QC =MRL QC
Operator: 001574
Instrument ID: A4HP9
Injection Vol: 1.0 ul
ALS Bottle#: 4
Lims Batch ID: 68349
Lims Sample ID: 4
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121212-15768.b\8270 _9.m
Last Update: 13-Dec-2012 09:49:55
Calib Date: 11-Dec-2012 15:28:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: 5% phenyl
Column Dia: 0.18 mm
Process Host: XAWRK018

First Level Reviewer: ulmanm
Date: 12-Dec-2012 12:30:55

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	6.080	6.081	-0.001	88	118346	4.00	
* 2 Naphthalene-d8	136	7.186	7.187	-0.001	99	472609	4.00	
* 3 Acenaphthene-d10	164	8.682	8.682	0.0	67	276740	4.00	
* 4 Phenanthrene-d10	188	9.948	9.949	0.0	75	466368	4.00	
* 5 Chrysene-d12	240	12.587	12.588	-0.001	79	477163	4.00	
* 6 Perylene-d12	264	14.740	14.740	0.0	72	368954	4.00	
$ 7 2-Fluorophenol	112	4.851	4.852	-0.001	92	210174	4.86	
$ 8 Phenol-d5	99	5.711	5.718	-0.007	0	316613	5.05	
$ 9 Nitrobenzene-d5	82	6.555	6.556	-0.001	81	407100	5.08	
$ 10 2-Fluorobiphenyl (Surr)	172	8.089	8.095	-0.006	97	518418	4.86	
$ 11 2,4,6-Tribromophenol	330	9.349	9.350	-0.001	68	46908	5.59	
$ 12 Terphenyl-d14	244	11.326	11.327	-0.001	96	491095	5.12	
20 Dimethylformamide	1		0.000					
19 Octachlorostyrene	1		0.000					
18 Bis(4-hydroxyphenyl)methane	1		0.000					
23 2,5-Dichlorophenol	1		0.000					
13 Octachlorocyclopentene	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
22 Bis(2-hydroxyphenyl)methane	1		0.000					
31 2-Picoline	93		2.310					
32 N-Nitrosomethylethylamine	88		2.374					9
34 Methyl methanesulfonate	80		2.587					
30 3-Picoline	93		2.651					9
233 n,n'-Dimethylacetamide	44		2.662					
35 Acrylamide	71		2.744					
25 1,4-Dioxane	88	2.789	2.806	-0.017	85	86984	4.02	
36 N-Nitrosodiethylamine	102		2.897					
37 Ethyl methanesulfonate	79		3.105					9
26 N-Nitrosodimethylamine	74	3.286	3.276	0.010	76	138558	5.27	
38 2-Methylcyclohexanone	68		3.292					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
39 3-Methylcyclohexanone	69		3.319					
27 Pyridine	79	3.329	3.324	0.005	89	290212	5.16	
40 4-Methylcyclohexanone	55		3.356					
45 Pentachloroethane	167		3.501					
42 Phenylmercaptan	110		3.596					
232 1-Methyl-2-pyrrilidinone	99		3.880					1
28 Ethyl methacrylate	69	3.890	3.885	0.005	81	259623	5.00	
56 N-Nitrosopyrrolidine	100		3.992					9
59 N-Nitrosomorpholine	56		4.013					
60 2-Toluidine	106		4.040					9
52 Indene	115		4.084					
29 3-Chloropropionitrile	54	4.237	4.232	0.005	87	121992	5.29	
63 N-Nitrosopiperidine	114		4.254					
68 o,o',o''-Triethylphosphorothioat	198		4.435					
17 4-Chlorophenol	128		4.500					
24 Catechol	110		4.592					
72 alpha,alpha-Dimethyl phenethylam	58		4.601					
33 Malononitrile	66		4.612					
77 2,6-Dichlorophenol	162		4.729					
78 Hexachloropropene	213		4.756					
15 3-Methylcatechol	124		4.913					
83 N-Nitrosodi-n-butylamine	84		4.953					
85 p-Phenylene diamine	108		4.969					
14 4-Methylcatechol	124		5.036					
81 Benzothiazole	135		5.046					
82 Quinoline	129		5.099					
94 Safrole, Total	162		5.119					
91 1,2,4,5-Tetrachlorobenzene	216		5.327					
225 Isosafrole Peak 1	162		5.333					
227 Isosafrole Peak 2	162		5.498					
103 1,4-Naphthoquinone	158		5.680					
41 Benzaldehyde	77	5.690	5.691	-0.001	84	336966	5.35	
104 1,4-Dinitrobenzene	168		5.712					
96 3,4-Dichloronitrobenzene	109		5.725					
43 Phenol	94	5.727	5.728	-0.001	91	360855	5.05	
106 1,3-Dinitrobenzene	168		5.771					
101 Phenyl ether	170		5.773					
44 Aniline	93	5.775	5.782	-0.007	94	438223	5.06	
69 Bis(2-chloroethyl)ether	93	5.829	5.830	-0.001	94	326293	4.97	
46 2-Chlorophenol	128	5.888	5.888	0.0	89	198250	4.94	
47 1,3-Dichlorobenzene	146	6.027	6.027	-0.001	83	256435	4.86	
115 Pentachlorobenzene	250		6.091					
48 1,4-Dichlorobenzene	146	6.096	6.091	0.005	70	223228	5.00	
117 1-Naphthylamine	143		6.166					9
49 Benzyl alcohol	108	6.181	6.182	-0.001	84	150927	4.88	
119 2,3,4,6-Tetrachlorophenol	232		6.203					
120 2-Naphthylamine	143		6.225					9
50 1,2-Dichlorobenzene	146	6.230	6.230	0.0	85	245277	4.87	
51 2-Methylphenol	108	6.267	6.268	-0.001	94	220617	4.92	
53 2,2'-oxybis[1-chloropropane]	45	6.299	6.300	-0.001	95	338332	5.23	
122 Thionazin	97		6.305					9
124 N-Nitro-o-toluidine	152		6.358					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
127 Tributyl phosphate	99		6.379					
21 3 & 4 Methylphenol	108	6.395	6.396	-0.001	89	239052	4.97	
57 N-Nitrosodi-n-propylamine	70	6.411	6.412	-0.001	70	241134	5.05	
58 Acetophenone	105	6.422	6.423	-0.001	78	353704	4.92	
130 Diphenylamine	169		6.428					
134 Sulfotepp	202		6.518					
61 Hexachloroethane	117	6.529	6.530	-0.001	89	114050	4.95	
62 Nitrobenzene	77	6.571	6.572	-0.001	73	436578	5.10	
135 1,3,5-Trinitrobenzene	213		6.614					
228 Diallate Peak 1	86		6.630					9
138 Phorate	121		6.636					9
137 Phenacetin	108		6.641					
230 Diallate Peak 2	86		6.695					9
140 Dimethoate	87		6.764					9
64 Isophorone	82	6.774	6.775	-0.001	94	600225	4.81	
66 2-Nitrophenol	139	6.849	6.850	-0.001	84	100697	4.90	
67 1,3,5-Trichlorobenzene	180	6.860	6.861	-0.001	76	221951	4.86	
65 2,4-Dimethylphenol	107	6.860	6.861	-0.001	94	264988	4.93	
129 4-Aminobiphenyl	169		6.892					
71 Benzoic acid	122	6.897	6.914	-0.017	82	224034	9.45	
144 Pronamide	173		6.919					9
145 Pentachloronitrobenzene	237		6.919					
70 Bis(2-chloroethoxy)methane	93	6.945	6.946	-0.001	98	400452	4.88	
146 Disulfoton	88		7.010					
147 Dinoseb	211		7.020					
73 2,4-Dichlorophenol	162	7.047	7.048	-0.001	87	151594	4.85	
74 1,2,4-Trichlorobenzene	180	7.132	7.133	-0.001	82	216592	4.84	
75 Naphthalene	128	7.207	7.208	-0.001	98	580064	4.81	
76 4-Chloroaniline	127	7.234	7.235	-0.001	79	241684	4.94	
152 Methyl parathion	109		7.282					9
79 Hexachlorobutadiene	225	7.298	7.299	-0.001	89	117901	4.81	
80 1,2,3-Trichlorobenzene	180	7.325	7.326	-0.001	81	196849	0	
84 Caprolactam	113	7.512	7.518	-0.006	74	67157	5.50	
155 Ethyl Parathion	97		7.560					9
156 4-Nitroquinoline-1-oxide	190		7.613					
153 Diphenylsulfone	125		7.616					9
86 4-Chloro-3-methylphenol	107	7.624	7.625	-0.001	77	224662	4.85	
157 Methapyrilene	58		7.645					
87 2-Methylnaphthalene	142	7.789	7.790	-0.001	83	372686	4.60	
158 Isodrin	66		7.816					9
88 1-Methylnaphthalene	142	7.880	7.881	-0.001	81	364500	4.90	
90 1,2,3,5-Tetrachlorobenzene	216	7.918	7.918	0.0	79	224333	5.37	
89 Hexachlorocyclopentadiene	237	7.923	7.924	-0.001	80	131818	5.01	
92 2,4,6-Trichlorophenol	196	8.019	8.020	-0.001	89	118865	5.21	
93 2,4,5-Trichlorophenol	196	8.051	8.052	-0.001	89	122803	5.06	
226 Aramite Peak 1	185		8.131					9
97 2,4-Toluene diamine	121	8.158	8.164	-0.006	94	106645	4.72	
99 1,2,3,4 -Tetrachlorobenzene	216		8.175					
98 1,1'-Biphenyl	154	8.179	8.180	-0.001	96	462333	4.88	
229 Aramite Peak 2	185		8.185					9
100 2-Chloronaphthalene	162	8.211	8.212	-0.001	96	429929	5.02	
163 p-Dimethylamino azobenzene	225		8.276					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
102 2-Nitroaniline	65	8.281	8.282	-0.001	70	166800	5.13	
164 Chlorobenzilate	139		8.297					9
105 Dimethyl phthalate	163	8.414	8.415	-0.001	92	411024	4.96	
167 Famphur	218		8.473					
107 2,6-Dinitrotoluene	165	8.473	8.474	-0.001	73	107954	5.16	
169 3,3'-Dimethylbenzidine	212		8.516					
108 1,2-Dinitrobenzene	168	8.527	8.527	0.0	81	54389	5.09	
109 Acenaphthylene	152	8.564	8.565	-0.001	90	604700	5.02	
110 3-Nitroaniline	138	8.623	8.624	-0.001	83	101986	5.26	
111 2,4-Dinitrophenol	184	8.708	8.709	-0.001	72	113019	9.53	
112 Acenaphthene	153	8.708	8.709	-0.001	91	383029	4.93	
171 2-Acetylaminofluorene	181		8.713					
113 4-Nitrophenol	109	8.735	8.736	-0.001	84	66477	4.32	
114 2,4-Dinitrotoluene	165	8.815	8.821	-0.006	72	147349	5.20	
116 Dibenzofuran	168	8.858	8.859	-0.001	86	521296	4.93	
118 2,3,5,6-Tetrachlorophenol	232	8.911	8.912	-0.001	85	96551	4.85	
121 Diethyl phthalate	149	9.007	9.008	-0.001	95	416936	5.03	
123 4-Chlorophenyl phenyl ether	204	9.130	9.131	-0.001	92	248691	4.89	
125 4-Nitroaniline	138	9.141	9.142	-0.001	81	104458	5.02	
126 Fluorene	166	9.146	9.147	-0.001	64	431110	4.84	
128 4,6-Dinitro-2-methylphenol	198	9.162	9.163	-0.001	76	72978	5.10	
176 Hexabromobenzene	232		9.208					
131 N-Nitrosodiphenylamine	169	9.226	9.227	-0.001	95	329684	5.33	
133 Azobenzene	77	9.264	9.265	-0.001	93	801712	5.37	
132 1,2-Diphenylhydrazine	77	9.264	9.265	-0.001	100	801712	5.37	
139 4-Bromophenyl phenyl ether	248	9.547	9.548	-0.001	70	126970	4.95	
179 6-Methylchrysene	242		9.576					
141 Hexachlorobenzene	284	9.616	9.617	-0.001	76	126243	4.99	
142 Atrazine	200	9.654	9.655	-0.001	82	97833	5.36	
143 Pentachlorophenol	266	9.771	9.772	-0.001	76	157758	10.1	
181 7,12-Dimethylbenz(a)anthracene	256		9.856					
148 Phenanthrene	178	9.969	9.970	-0.001	83	628128	4.93	
149 Anthracene	178	10.012	10.013	-0.001	83	653670	5.31	
150 DFTPP								
151 Carbazole	167	10.135	10.135	0.0	83	587987	5.06	
154 Di-n-butyl phthalate	149	10.386	10.387	-0.001	100	704010	4.89	
185 3-Methylcholanthrene	268		10.594					
159 Fluoranthene	202	10.989	10.996	-0.007	83	693988	5.09	
160 Benzidine	184	11.086	11.086	0.0	86	252396	4.42	
161 Pyrene	202	11.214	11.215	-0.001	77	711001	4.97	
166 4,4'-DDE	246		11.266					9
165 4,4'-DDD	235		11.656					
187 Dibenz[a,h]acridine	279		11.729					
186 Dibenz[a,j]acridine	279		11.804					
168 Butyl benzyl phthalate	149	11.823	11.824	-0.001	87	296054	4.95	
170 4,4'-DDT	235		11.961					9
172 3,3'-Dimethoxybenzidine	244	12.464	12.465	-0.001	86	106491	3.93	
174 4,4'-Methylene bis(2-chloroanili	231	12.507	12.513	-0.007	70	119066	4.94	
175 3,3'-Dichlorobenzidine	252	12.512	12.513	-0.001	73	240320	5.37	
173 Bis(2-ethylhexyl) phthalate	149	12.523	12.523	0.0	95	446432	5.16	
177 Benzo[a]anthracene	228	12.571	12.571	0.0	80	660602	5.00	
178 Chrysene	228	12.619	12.625	-0.006	82	594707	4.88	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
180 Di-n-octyl phthalate	149	13.473	13.469	0.004	99	631599	4.61	
182 Benzo[b]fluoranthene	252	14.136	14.137	-0.001	78	578837	5.06	
183 Benzo[k]fluoranthene	252	14.179	14.179	0.0	86	611287	5.38	
184 Benzo[a]pyrene	252	14.654	14.655	-0.001	74	523537	5.10	
188 Indeno[1,2,3-cd]pyrene	276	16.476	16.477	-0.001	85	576989	5.10	
189 Dibenz(a,h)anthracene	278	16.508	16.509	-0.001	76	479325	5.02	
190 Benzo[g,h,i]perylene	276	16.967	16.973	-0.006	77	487524	5.20	
S 191 Methyl Phenols,Total	100				0		9.89	
S 95 Isosafrole	162		5.568					7
S 136 Diallate	86		6.701					7
S 162 Aramite, Total	185		8.271					7
T 192 Octadecane (TIC)	57		0.000					1
T 195 Hydroquinone TIC	110	7.474	0.0	7.474	87	66669	0	
T 194 Decane TIC	57		0.000					1
T 240 Trimethyl phosphate TIC	110		3.120					1
T 234 2-Isopropylphenol TIC	121		4.623					1
T 236 3-isopropylphenol TIC	121		4.756					1
T 235 4-isopropylphenol TIC	121		4.756					1
T 193 Hexamethylphosphoramide TIC	135		5.100					1
T 237 3-(1,1-Dimethylethyl Phenol) TIC	135		5.110					1
T 196 Kepone TIC	272	7.923	8.281	-0.358	1	16304	0.1367	
T 242 Triphenyl Phosphate TIC	326		8.700					1
T 238 2,3,7,8-TCDD TIC	1		9.000					1
T 231 2,3,7,8-TCDD	322		9.150					1
T 197 Hexachlorophene TIC	198		9.269					1
T 241 Tricresyl phosphate TIC	368		9.372					1
T 239 Tris(2,3-dibromopropyl)phosphate	201		10.600					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

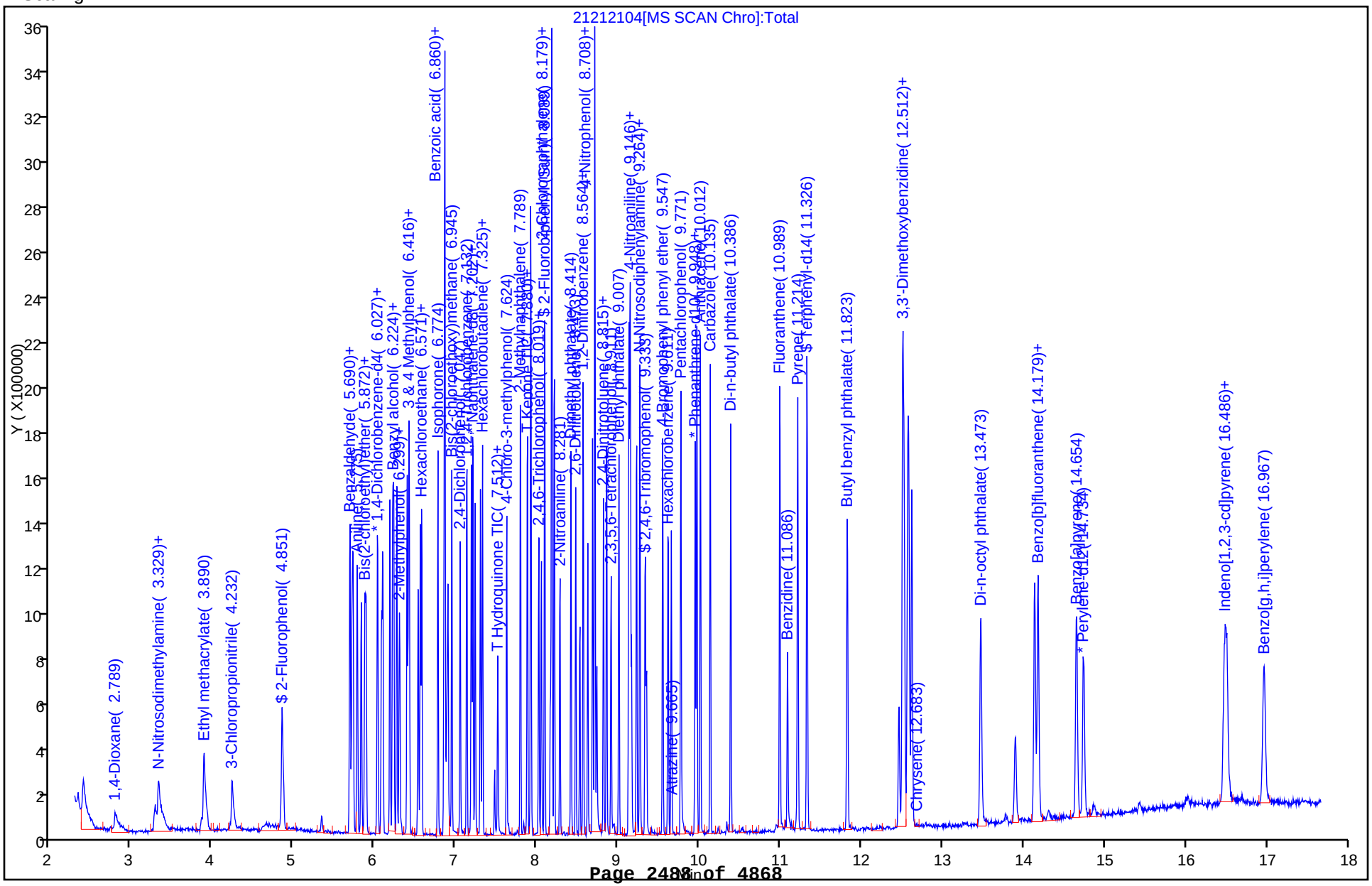
Report Date: 13-Dec-2012 09:49:57 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121212-15768.b\21212104.D

Injection Date:	12-Dec-2012 11:51:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68349	Lims Sample ID:	4
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-68349/11

Matrix: Solid | Lab File ID: 21212111.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/12/2012 14:47

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 68349 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	4.83		0.00020	0.00010	0.00010
208-96-8	Acenaphthylene	5.01		0.00020	0.00010	0.00010
120-12-7	Anthracene	5.11		0.00020	0.00010	0.00010
56-55-3	Benzo[a]anthracene	4.95		0.00020	0.00010	0.00010
50-32-8	Benzo[a]pyrene	5.13		0.00020	0.00010	0.00010
205-99-2	Benzo[b]fluoranthene	4.83		0.00020	0.00010	0.00010
191-24-2	Benzo[g,h,i]perylene	4.77		0.00020	0.00010	0.00010
65-85-0	Benzoic acid	9.23		0.025	0.010	0.010
207-08-9	Benzo[k]fluoranthene	4.88		0.00020	0.00010	0.00010
100-51-6	Benzyl alcohol	5.10		0.0050	0.00080	0.00038
111-91-1	Bis(2-chloroethoxy)methane	5.04		0.0010	0.00080	0.00032
111-44-4	Bis(2-chloroethyl)ether	4.98		0.0010	0.00010	0.00010
117-81-7	Bis(2-ethylhexyl) phthalate	5.41		0.0020	0.00080	0.00080
101-55-3	4-Bromophenyl phenyl ether	5.01		0.0020	0.00080	0.00080
85-68-7	Butyl benzyl phthalate	5.52		0.0010	0.00080	0.00080
86-74-8	Carbazole	4.78		0.0010	0.00080	0.00028
59-50-7	4-Chloro-3-methylphenol	5.07		0.0020	0.00080	0.00080
91-58-7	2-Chloronaphthalene	4.96		0.0010	0.00010	0.00010
95-57-8	2-Chlorophenol	4.97		0.0010	0.00080	0.00029
7005-72-3	4-Chlorophenyl phenyl ether	4.82		0.0020	0.00080	0.00030
218-01-9	Chrysene	4.88		0.00020	0.00010	0.00010
53-70-3	Dibenz(a,h)anthracene	4.77		0.00020	0.00010	0.00010
132-64-9	Dibenzofuran	4.93		0.0010	0.00010	0.00010
106-46-7	1,4-Dichlorobenzene	4.85		0.0010	0.00080	0.00034
95-50-1	1,2-Dichlorobenzene	4.82		0.0010	0.00080	0.00029
541-73-1	1,3-Dichlorobenzene	4.86		0.0010	0.00080	0.00080
91-94-1	3,3'-Dichlorobenzidine	5.09		0.0050	0.00080	0.00037
120-83-2	2,4-Dichlorophenol	5.02		0.0020	0.00080	0.00080
84-66-2	Diethyl phthalate	4.81		0.0010	0.00080	0.00060
105-67-9	2,4-Dimethylphenol	5.24		0.0020	0.00080	0.00080
131-11-3	Dimethyl phthalate	4.94		0.0010	0.00080	0.00029
84-74-2	Di-n-butyl phthalate	4.94		0.0010	0.00080	0.00067
534-52-1	4,6-Dinitro-2-methylphenol	4.78		0.0050	0.0024	0.0024
51-28-5	2,4-Dinitrophenol	8.78		0.0050	0.0024	0.0024

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-68349/11

Matrix: Solid | Lab File ID: 21212111.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/12/2012 14:47

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 68349 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
121-14-2	2,4-Dinitrotoluene	5.08		0.0050	0.00080	0.00027
606-20-2	2,6-Dinitrotoluene	5.26		0.0050	0.00080	0.00080
117-84-0	Di-n-octyl phthalate	5.60		0.0010	0.00080	0.00080
206-44-0	Fluoranthene	4.76		0.00020	0.00010	0.00010
86-73-7	Fluorene	4.91		0.00020	0.00010	0.00010
118-74-1	Hexachlorobenzene	4.66		0.00020	0.00010	0.00010
87-68-3	Hexachlorobutadiene	4.85		0.0010	0.00080	0.00027
77-47-4	Hexachlorocyclopentadiene	0.667	^	0.010	0.00080	0.00080
67-72-1	Hexachloroethane	3.26	^	0.0010	0.00080	0.00080
193-39-5	Indeno[1,2,3-cd]pyrene	4.74		0.00020	0.00010	0.00010
78-59-1	Isophorone	5.15		0.0010	0.00080	0.00027
91-57-6	2-Methylnaphthalene	4.91		0.00020	0.00010	0.00010
95-48-7	2-Methylphenol	5.17		0.0010	0.00080	0.00080
15831-10-4	3 & 4 Methylphenol	5.13		0.0020	0.00080	0.00080
91-20-3	Naphthalene	4.89		0.00020	0.00010	0.00010
88-74-4	2-Nitroaniline	5.26		0.0020	0.00080	0.00080
99-09-2	3-Nitroaniline	5.43		0.0020	0.00080	0.00028
100-01-6	4-Nitroaniline	5.15		0.0020	0.00080	0.00080
98-95-3	Nitrobenzene	5.12		0.0010	0.00010	0.000040
88-75-5	2-Nitrophenol	5.44		0.0020	0.00080	0.00028
100-02-7	4-Nitrophenol	4.29		0.0050	0.0024	0.0024
621-64-7	N-Nitrosodi-n-propylamine	5.31		0.0010	0.00080	0.00080
86-30-6	N-Nitrosodiphenylamine	5.01		0.0010	0.00080	0.00031
87-86-5	Pentachlorophenol	8.82		0.0050	0.0024	0.0024
85-01-8	Phenanthrene	4.60		0.00020	0.00010	0.00010
108-95-2	Phenol	4.95		0.0010	0.00080	0.00060
129-00-0	Pyrene	4.99		0.00020	0.00010	0.00010
120-82-1	1,2,4-Trichlorobenzene	4.88		0.0010	0.00080	0.00028
95-95-4	2,4,5-Trichlorophenol	4.98		0.0050	0.00080	0.00030
88-06-2	2,4,6-Trichlorophenol	4.93		0.0050	0.00080	0.00080

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-68349/11

Matrix: Solid | Lab File ID: 21212111.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/12/2012 14:47

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 68349 | Units: ng/uL

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	96		50-150
367-12-4	2-Fluorophenol (Surr)	99		50-150
4165-60-0	Nitrobenzene-d5 (Surr)	108	Q	50-150
1718-51-0	Terphenyl-d14 (Surr)	101		50-150
118-79-6	2,4,6-Tribromophenol (Surr)	107		50-150
4165-62-2	Phenol-d5 (Surr)	105	Q	50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121212-15768.b\21212111.D
Lims ID: mrl qccl Client ID:
Inject. Date: 12-Dec-2012 14:47:30 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0015768-011
Misc. Info.: MRL QCCL =MRL QCCL
Operator: 001574 Instrument ID: A4HP9
Injection Vol: 1.0 ul ALS Bottle#: 11
Lims Batch ID: 68349 Lims Sample ID: 11
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121212-15768.b\8270 _9.m
Last Update: 13-Dec-2012 09:49:55 Calib Date: 11-Dec-2012 15:28:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121211-15722.b\21211010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: 5% phenyl Column Dia: 0.18 mm
Process Host: XAWRK018

First Level Reviewer: ulmanm Date: 12-Dec-2012 15:24:53

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	6.080	6.081	-0.001	91	135393	4.00	
* 2 Naphthalene-d8	136	7.186	7.187	-0.001	99	536388	4.00	
* 3 Acenaphthene-d10	164	8.682	8.682	0.0	68	325428	4.00	
* 4 Phenanthrene-d10	188	9.948	9.949	0.0	78	558999	4.00	
* 5 Chrysene-d12	240	12.587	12.588	-0.001	79	548382	4.00	
* 6 Perylene-d12	264	14.740	14.740	0.0	77	452465	4.00	
$ 7 2-Fluorophenol	112	4.852	4.852	0.0	91	245426	4.96	
$ 8 Phenol-d5	99	5.712	5.718	-0.006	0	376932	5.26	
$ 9 Nitrobenzene-d5	82	6.556	6.556	0.0	83	491367	5.40	
$ 10 2-Fluorobiphenyl (Surr)	172	8.089	8.095	-0.006	97	599275	4.78	
$ 11 2,4,6-Tribromophenol	330	9.350	9.350	0.0	73	52773	5.35	
$ 12 Terphenyl-d14	244	11.326	11.327	-0.001	96	558134	5.07	
20 Dimethylformamide	1		0.000					
19 Octachlorostyrene	1		0.000					
18 Bis(4-hydroxyphenyl)methane	1		0.000					
23 2,5-Dichlorophenol	1		0.000					
13 Octachlorocyclopentene	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
22 Bis(2-hydroxyphenyl)methane	1		0.000					
31 2-Picoline	93		2.310					9
32 N-Nitrosomethylethylamine	88		2.374					9
34 Methyl methanesulfonate	80		2.587					9
30 3-Picoline	93		2.651					9
233 n,n'-Dimethylacetamide	44		2.662					
35 Acrylamide	71		2.744					
25 1,4-Dioxane	88	2.795	2.806	-0.011	84	110679	4.52	
36 N-Nitrosodiethylamine	102		2.897					
37 Ethyl methanesulfonate	79		3.105					
26 N-Nitrosodimethylamine	74	3.281	3.276	0.005	84	139425	4.70	
38 2-Methylcyclohexanone	68		3.292					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
39 3-Methylcyclohexanone	69		3.319					
27 Pyridine	79	3.324	3.324	0.0	92	309178	4.81	
40 4-Methylcyclohexanone	55		3.356					
45 Pentachloroethane	167		3.501					
42 Phenylmercaptan	110		3.596					
232 1-Methyl-2-pyrrilidinone	99		3.880					14
28 Ethyl methacrylate	69	3.885	3.885	0.0	79	305467	5.15	
56 N-Nitrosopyrrolidine	100		3.992					
59 N-Nitrosomorpholine	56		4.013					9
60 2-Toluidine	106		4.040					
52 Indene	115		4.084					
29 3-Chloropropionitrile	54	4.232	4.232	0.0	84	138929	5.27	
63 N-Nitrosopiperidine	114		4.254					
68 o,o',o''-Triethylphosphorothioat	198		4.435					
17 4-Chlorophenol	128		4.500					9
24 Catechol	110		4.592					9
72 alpha,alpha-Dimethyl phenethylam	58		4.601					
33 Malononitrile	66		4.612					
77 2,6-Dichlorophenol	162		4.729					
78 Hexachloropropene	213		4.756					
15 3-Methylcatechol	124		4.913					
83 N-Nitrosodi-n-butylamine	84		4.953					
85 p-Phenylene diamine	108		4.969					
14 4-Methylcatechol	124		5.036					9
81 Benzothiazole	135		5.046					
82 Quinoline	129		5.099					
94 Safrole, Total	162		5.119					
91 1,2,4,5-Tetrachlorobenzene	216		5.327					
225 Isosafrole Peak 1	162		5.333					
227 Isosafrole Peak 2	162		5.498					
103 1,4-Naphthoquinone	158		5.680					
41 Benzaldehyde	77	5.690	5.691	-0.001	85	386426	5.36	
104 1,4-Dinitrobenzene	168		5.712					
96 3,4-Dichloronitrobenzene	109		5.725					
43 Phenol	94	5.728	5.728	0.0	95	404523	4.95	
106 1,3-Dinitrobenzene	168		5.771					
101 Phenyl ether	170		5.773					
44 Aniline	93	5.776	5.782	-0.006	94	515192	5.20	
69 Bis(2-chloroethyl)ether	93	5.829	5.830	-0.001	94	374386	4.98	
46 2-Chlorophenol	128	5.888	5.888	0.0	89	228089	4.97	
47 1,3-Dichlorobenzene	146	6.027	6.027	0.0	79	293432	4.86	
115 Pentachlorobenzene	250		6.091					
48 1,4-Dichlorobenzene	146	6.091	6.091	0.0	70	247823	4.85	
117 1-Naphthylamine	143		6.166					9
49 Benzyl alcohol	108	6.182	6.182	0.0	86	180565	5.10	
119 2,3,4,6-Tetrachlorophenol	232		6.203					
120 2-Naphthylamine	143		6.225					9
50 1,2-Dichlorobenzene	146	6.230	6.230	0.0	81	277420	4.82	
51 2-Methylphenol	108	6.267	6.268	-0.001	93	264990	5.17	
53 2,2'-oxybis[1-chloropropane]	45	6.299	6.300	-0.001	95	389116	5.26	
122 Thionazin	97		6.305					9
124 N-Nitro-o-toluidine	152		6.358					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
127 Tributyl phosphate	99		6.379					9
21 3 & 4 Methylphenol	108	6.396	6.396	0.0	92	282257	5.13	
57 N-Nitrosodi-n-propylamine	70	6.412	6.412	0.0	69	290339	5.31	
58 Acetophenone	105	6.422	6.423	-0.001	79	411568	5.00	
130 Diphenylamine	169		6.428					
134 Sulfotepp	202		6.518					
61 Hexachloroethane	117	6.529	6.530	-0.001	89	85827	3.26	
62 Nitrobenzene	77	6.572	6.572	0.0	73	497790	5.12	
135 1,3,5-Trinitrobenzene	213		6.614					
228 Diallate Peak 1	86		6.630					
138 Phorate	121		6.636					
137 Phenacetin	108		6.641					
230 Diallate Peak 2	86		6.695					
140 Dimethoate	87		6.764					9
64 Isophorone	82	6.775	6.775	0.0	93	729606	5.15	
66 2-Nitrophenol	139	6.850	6.850	0.0	87	126869	5.44	
67 1,3,5-Trichlorobenzene	180	6.860	6.861	-0.001	79	259417	5.00	
65 2,4-Dimethylphenol	107	6.860	6.861	-0.001	95	319477	5.24	
129 4-Aminobiphenyl	169		6.892					
71 Benzoic acid	122	6.898	6.914	-0.016	83	247374	9.23	
144 Pronamide	173		6.919					9
145 Pentachloronitrobenzene	237		6.919					
70 Bis(2-chloroethoxy)methane	93	6.946	6.946	0.0	98	469338	5.04	
146 Disulfoton	88		7.010					9
147 Dinoseb	211		7.020					
73 2,4-Dichlorophenol	162	7.047	7.048	-0.001	90	178101	5.02	
74 1,2,4-Trichlorobenzene	180	7.133	7.133	0.0	87	248126	4.88	
75 Naphthalene	128	7.208	7.208	0.0	80	669393	4.89	
76 4-Chloroaniline	127	7.234	7.235	-0.001	79	278494	5.01	
152 Methyl parathion	109		7.282					
79 Hexachlorobutadiene	225	7.298	7.299	-0.001	87	135056	4.85	
80 1,2,3-Trichlorobenzene	180		7.326					
84 Caprolactam	113	7.512	7.518	-0.006	75	63215	4.56	
155 Ethyl Parathion	97		7.560					9
156 4-Nitroquinoline-1-oxide	190		7.613					
153 Diphenylsulfone	125		7.616					9
86 4-Chloro-3-methylphenol	107	7.624	7.625	-0.001	81	266549	5.07	
157 Methapyrilene	58		7.645					9
87 2-Methylnaphthalene	142	7.790	7.790	0.0	84	451229	4.91	
158 Isodrin	66		7.816					9
88 1-Methylnaphthalene	142	7.881	7.881	0.0	80	425026	5.03	
90 1,2,3,5-Tetrachlorobenzene	216	7.918	7.918	0.0	80	252636	5.14	
89 Hexachlorocyclopentadiene	237	7.923	7.924	-0.001	46	20615	0.6667	
92 2,4,6-Trichlorophenol	196	8.020	8.020	0.0	85	132133	4.93	
93 2,4,5-Trichlorophenol	196	8.052	8.052	0.0	89	142296	4.98	
226 Aramite Peak 1	185		8.131					9
97 2,4-Toluene diamine	121	8.164	8.164	0.0	94	105534	4.08	
99 1,2,3,4 -Tetrachlorobenzene	216	8.175	8.175	0.0	85	246134	0	
98 1,1'-Biphenyl	154	8.180	8.180	0.0	96	542741	4.87	
229 Aramite Peak 2	185		8.185					9
100 2-Chloronaphthalene	162	8.212	8.212	0.0	95	499452	4.96	
163 p-Dimethylamino azobenzene	225		8.276					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
102 2-Nitroaniline	65	8.281	8.282	-0.001	73	201213	5.26	
164 Chlorobenzilate	139		8.297					9
105 Dimethyl phthalate	163	8.415	8.415	0.0	94	481549	4.94	
167 Famphur	218		8.473					
107 2,6-Dinitrotoluene	165	8.474	8.474	0.0	73	129582	5.26	
169 3,3'-Dimethylbenzidine	212		8.516					
108 1,2-Dinitrobenzene	168	8.527	8.527	0.0	80	61550	4.91	
109 Acenaphthylene	152	8.565	8.565	-0.001	85	709681	5.01	
110 3-Nitroaniline	138	8.623	8.624	-0.001	88	123878	5.43	
111 2,4-Dinitrophenol	184	8.709	8.709	0.0	70	120808	8.78	
112 Acenaphthene	153	8.709	8.709	0.0	91	441874	4.83	
171 2-Acetylaminofluorene	181		8.713					
113 4-Nitrophenol	109	8.735	8.736	-0.001	84	77555	4.29	
114 2,4-Dinitrotoluene	165	8.821	8.821	0.0	80	169424	5.08	
116 Dibenzofuran	168	8.858	8.859	-0.001	86	613406	4.93	
118 2,3,5,6-Tetrachlorophenol	232	8.912	8.912	0.0	83	107893	4.61	
121 Diethyl phthalate	149	9.008	9.008	0.0	94	469402	4.81	
123 4-Chlorophenyl phenyl ether	204	9.131	9.131	0.0	93	288188	4.82	
125 4-Nitroaniline	138	9.141	9.142	-0.001	74	126286	5.15	
126 Fluorene	166	9.147	9.147	0.0	70	514278	4.91	
128 4,6-Dinitro-2-methylphenol	198	9.163	9.163	0.0	70	81050	4.78	
176 Hexabromobenzene	232		9.208					
131 N-Nitrosodiphenylamine	169	9.227	9.227	0.0	94	371701	5.01	
133 Azobenzene	77	9.264	9.265	-0.001	93	918606	5.13	
132 1,2-Diphenylhydrazine	77	9.264	9.265	-0.001	100	919294	5.14	
139 4-Bromophenyl phenyl ether	248	9.547	9.548	-0.001	70	154183	5.01	
179 6-Methylchrysene	242		9.576					
141 Hexachlorobenzene	284	9.612	9.617	-0.005	73	141346	4.66	
142 Atrazine	200	9.654	9.655	-0.001	83	107168	4.89	
143 Pentachlorophenol	266	9.772	9.772	0.0	75	164307	8.82	
181 7,12-Dimethylbenz(a)anthracene	256		9.856					
148 Phenanthrene	178	9.969	9.970	-0.001	83	702279	4.60	
149 Anthracene	178	10.012	10.013	-0.001	87	753322	5.11	
150 DFTPP								
151 Carbazole	167	10.135	10.135	0.0	83	666093	4.78	
154 Di-n-butyl phthalate	149	10.386	10.387	-0.001	100	852612	4.94	
185 3-Methylcholanthrene	268		10.594					
159 Fluoranthene	202	10.990	10.996	-0.006	78	777702	4.76	
160 Benzidine	184	11.086	11.086	0.0	86	309315	4.67	
161 Pyrene	202	11.214	11.215	-0.001	77	821609	4.99	
166 4,4'-DDE	246		11.266					9
165 4,4'-DDD	235		11.656					
187 Dibenz[a,h]acridine	279		11.729					
186 Dibenz[a,j]acridine	279		11.804					
168 Butyl benzyl phthalate	149	11.823	11.824	-0.001	88	379908	5.52	
170 4,4'-DDT	235		11.961					
172 3,3'-Dimethoxybenzidine	244	12.459	12.465	-0.006	77	173265	5.36	
174 4,4'-Methylene bis(2-chloroanili	231	12.507	12.513	-0.006	70	143693	5.19	
175 3,3'-Dichlorobenzidine	252	12.507	12.513	-0.006	75	261995	5.09	
173 Bis(2-ethylhexyl) phthalate	149	12.523	12.523	0.0	93	537045	5.41	
177 Benzo[a]anthracene	228	12.571	12.571	0.0	85	752399	4.95	
178 Chrysene	228	12.619	12.625	-0.006	82	683033	4.88	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
180 Di-n-octyl phthalate	149	13.469	13.469	0.0	99	957849	5.60	
182 Benzo[b]fluoranthene	252	14.136	14.137	-0.001	85	677968	4.83	
183 Benzo[k]fluoranthene	252	14.179	14.179	0.0	78	679814	4.88	
184 Benzo[a]pyrene	252	14.655	14.655	0.0	77	645567	5.13	
188 Indeno[1,2,3-cd]pyrene	276	16.482	16.477	0.005	90	657912	4.74	
189 Dibenz(a,h)anthracene	278	16.508	16.509	-0.001	58	558181	4.77	
190 Benzo[g,h,i]perylene	276	16.962	16.973	-0.011	88	548042	4.77	
S 191 Methyl Phenols,Total	100				0		10.3	
S 95 Isosafrole	162		5.568					7
S 136 Diallate	86		6.701					7
S 162 Aramite, Total	185		8.271					7
T 192 Octadecane (TIC)	57		0.000					1
T 195 Hydroquinone TIC	110		0.000					
T 194 Decane TIC	57		0.000					1
T 240 Trimethyl phosphate TIC	110		3.120					1
T 234 2-Isopropylphenol TIC	121		4.623					1
T 236 3-isopropylphenol TIC	121		4.756					1
T 235 4-isopropylphenol TIC	121		4.756					1
T 193 Hexamethylphosphoramide TIC	135		5.100					1
T 237 3-(1,1-Dimethylethyl Phenol) TIC	135		5.110					1
T 196 Kepone TIC	272		8.281					
T 242 Triphenyl Phosphate TIC	326		8.700					1
T 238 2,3,7,8-TCDD TIC	1		9.000					1
T 231 2,3,7,8-TCDD	322		9.150					
T 197 Hexachlorophene TIC	198		9.269					
T 241 Tricresyl phosphate TIC	368		9.372					1
T 239 Tris(2,3-dibromopropyl)phosphate	201		10.600					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
4 - Failed Signal Ratio Test
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

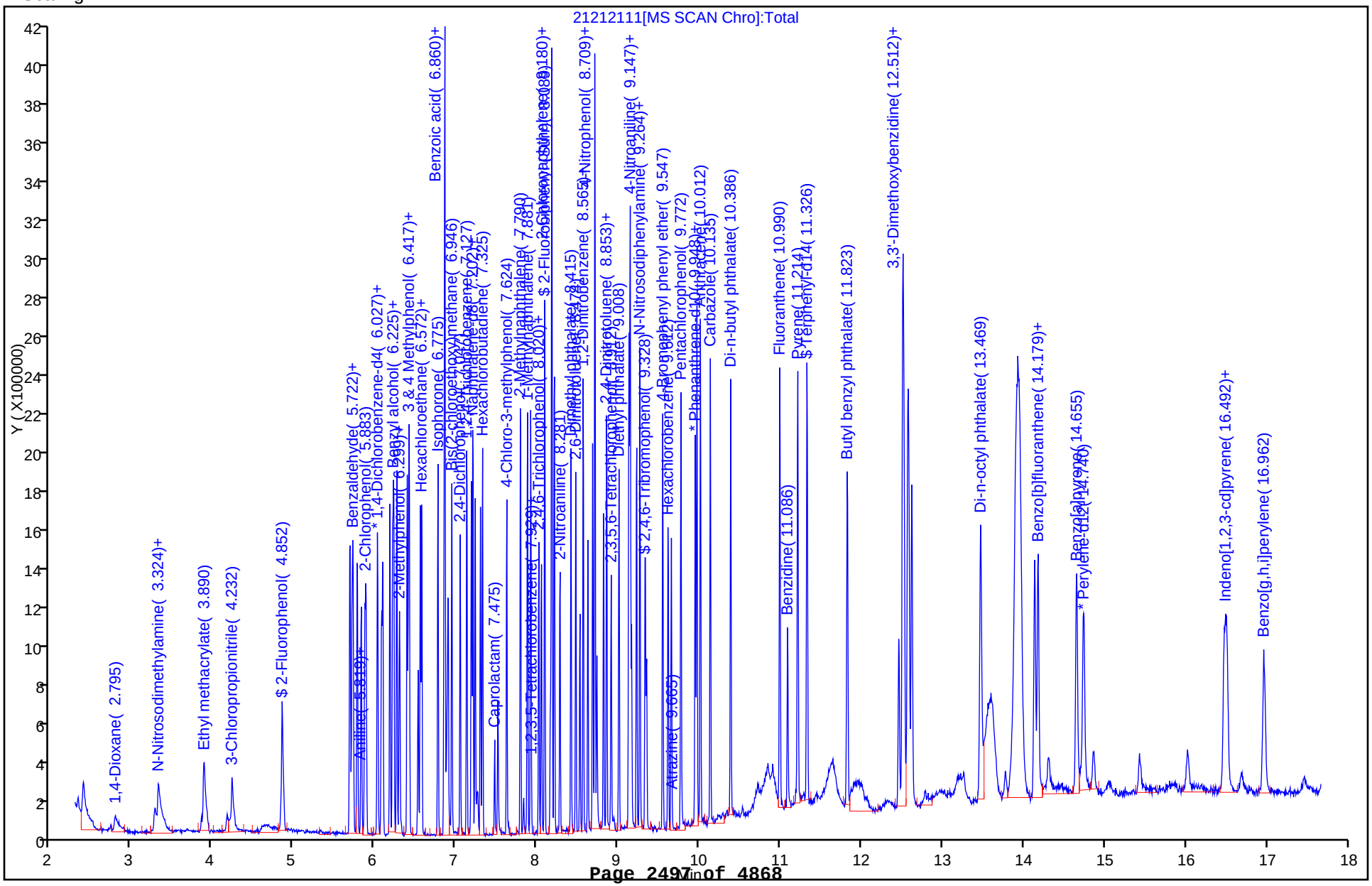
Report Date: 13-Dec-2012 09:50:06 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121212-15768.b\21212111.D

Injection Date:	12-Dec-2012 14:47:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68349	Lims Sample ID:	11
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-68588/4

Matrix: Solid | Lab File ID: 21213104.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/13/2012 15:58

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 68588 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	4.92		0.00020	0.00010	0.00010
208-96-8	Acenaphthylene	5.12		0.00020	0.00010	0.00010
120-12-7	Anthracene	5.14		0.00020	0.00010	0.00010
56-55-3	Benzo[a]anthracene	4.92		0.00020	0.00010	0.00010
50-32-8	Benzo[a]pyrene	5.17		0.00020	0.00010	0.00010
205-99-2	Benzo[b]fluoranthene	4.95		0.00020	0.00010	0.00010
191-24-2	Benzo[g,h,i]perylene	5.18		0.00020	0.00010	0.00010
65-85-0	Benzoic acid	9.15		0.025	0.010	0.010
207-08-9	Benzo[k]fluoranthene	5.11		0.00020	0.00010	0.00010
100-51-6	Benzyl alcohol	5.15		0.0050	0.00080	0.00038
111-91-1	Bis(2-chloroethoxy)methane	5.20		0.0010	0.00080	0.00032
111-44-4	Bis(2-chloroethyl)ether	5.29		0.0010	0.00010	0.00010
117-81-7	Bis(2-ethylhexyl) phthalate	4.84		0.0020	0.00080	0.00080
101-55-3	4-Bromophenyl phenyl ether	5.02		0.0020	0.00080	0.00080
85-68-7	Butyl benzyl phthalate	4.81		0.0010	0.00080	0.00080
86-74-8	Carbazole	4.96		0.0010	0.00080	0.00028
59-50-7	4-Chloro-3-methylphenol	4.89		0.0020	0.00080	0.00080
91-58-7	2-Chloronaphthalene	5.33		0.0010	0.00010	0.00010
95-57-8	2-Chlorophenol	4.94		0.0010	0.00080	0.00029
7005-72-3	4-Chlorophenyl phenyl ether	5.10		0.0020	0.00080	0.00030
218-01-9	Chrysene	5.02		0.00020	0.00010	0.00010
53-70-3	Dibenz(a,h)anthracene	4.79		0.00020	0.00010	0.00010
132-64-9	Dibenzofuran	5.07		0.0010	0.00010	0.00010
106-46-7	1,4-Dichlorobenzene	4.83		0.0010	0.00080	0.00034
95-50-1	1,2-Dichlorobenzene	4.92		0.0010	0.00080	0.00029
541-73-1	1,3-Dichlorobenzene	5.00		0.0010	0.00080	0.00080
91-94-1	3,3'-Dichlorobenzidine	5.39		0.0050	0.00080	0.00037
120-83-2	2,4-Dichlorophenol	5.13		0.0020	0.00080	0.00080
84-66-2	Diethyl phthalate	5.00		0.0010	0.00080	0.00060
105-67-9	2,4-Dimethylphenol	5.22		0.0020	0.00080	0.00080
131-11-3	Dimethyl phthalate	5.08		0.0010	0.00080	0.00029
84-74-2	Di-n-butyl phthalate	4.98		0.0010	0.00080	0.00067
534-52-1	4,6-Dinitro-2-methylphenol	4.97		0.0050	0.0024	0.0024
51-28-5	2,4-Dinitrophenol	8.93		0.0050	0.0024	0.0024

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-68588/4

Matrix: Solid | Lab File ID: 21213104.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/13/2012 15:58

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 68588 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
121-14-2	2,4-Dinitrotoluene	5.31		0.0050	0.00080	0.00027
606-20-2	2,6-Dinitrotoluene	5.29		0.0050	0.00080	0.00080
117-84-0	Di-n-octyl phthalate	4.45		0.0010	0.00080	0.00080
206-44-0	Fluoranthene	4.94		0.00020	0.00010	0.00010
86-73-7	Fluorene	5.08		0.00020	0.00010	0.00010
118-74-1	Hexachlorobenzene	5.11		0.00020	0.00010	0.00010
87-68-3	Hexachlorobutadiene	4.90		0.0010	0.00080	0.00027
77-47-4	Hexachlorocyclopentadiene	4.99		0.010	0.00080	0.00080
67-72-1	Hexachloroethane	4.85		0.0010	0.00080	0.00080
193-39-5	Indeno[1,2,3-cd]pyrene	4.89		0.00020	0.00010	0.00010
78-59-1	Isophorone	5.18		0.0010	0.00080	0.00027
91-57-6	2-Methylnaphthalene	4.85		0.00020	0.00010	0.00010
95-48-7	2-Methylphenol	4.93		0.0010	0.00080	0.00080
15831-10-4	3 & 4 Methylphenol	5.17		0.0020	0.00080	0.00080
91-20-3	Naphthalene	5.02		0.00020	0.00010	0.00010
88-74-4	2-Nitroaniline	5.34		0.0020	0.00080	0.00080
99-09-2	3-Nitroaniline	5.26		0.0020	0.00080	0.00028
100-01-6	4-Nitroaniline	5.28		0.0020	0.00080	0.00080
98-95-3	Nitrobenzene	5.15		0.0010	0.00010	0.000040
88-75-5	2-Nitrophenol	5.06		0.0020	0.00080	0.00028
100-02-7	4-Nitrophenol	4.79		0.0050	0.0024	0.0024
621-64-7	N-Nitrosodi-n-propylamine	5.23		0.0010	0.00080	0.00080
86-30-6	N-Nitrosodiphenylamine	5.05		0.0010	0.00080	0.00031
87-86-5	Pentachlorophenol	9.62		0.0050	0.0024	0.0024
85-01-8	Phenanthrene	4.95		0.00020	0.00010	0.00010
108-95-2	Phenol	5.04		0.0010	0.00080	0.00060
129-00-0	Pyrene	4.92		0.00020	0.00010	0.00010
120-82-1	1,2,4-Trichlorobenzene	5.10		0.0010	0.00080	0.00028
95-95-4	2,4,5-Trichlorophenol	5.15		0.0050	0.00080	0.00030
88-06-2	2,4,6-Trichlorophenol	5.23		0.0050	0.00080	0.00080

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-68588/4

Matrix: Solid | Lab File ID: 21213104.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/13/2012 15:58

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 68588 | Units: ng/uL

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	98		50-150
367-12-4	2-Fluorophenol (Surr)	105		50-150
4165-60-0	Nitrobenzene-d5 (Surr)	106	Q	50-150
1718-51-0	Terphenyl-d14 (Surr)	105		50-150
118-79-6	2,4,6-Tribromophenol (Surr)	106		50-150
4165-62-2	Phenol-d5 (Surr)	101	Q	50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121213-15814.b\21213104.D
Lims ID: mrl qc
Client ID:
Inject. Date: 13-Dec-2012 15:58:30
Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0015814-004
Misc. Info.: MRL QC =MRL QC
Operator: 001574
Instrument ID: A4HP9
Injection Vol: 1.0 ul
ALS Bottle#: 4
Lims Batch ID: 68588
Lims Sample ID: 4
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121213-15814.b\8270 _9.m
Last Update: 14-Dec-2012 09:41:11
Calib Date: 13-Dec-2012 11:31:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121213-15797.b\21213010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: 5% phenyl
Column Dia: 0.18 mm
Process Host: XAWRK024

First Level Reviewer: ulmanm
Date: 14-Dec-2012 08:57:31

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	6.046	6.046	0.0	88	121307	4.00	
* 2 Naphthalene-d8	136	7.157	7.158	-0.001	98	478259	4.00	
* 3 Acenaphthene-d10	164	8.653	8.653	0.0	77	286429	4.00	
* 4 Phenanthrene-d10	188	9.919	9.919	0.0	77	490744	4.00	
* 5 Chrysene-d12	240	12.542	12.537	0.005	79	502393	4.00	
* 6 Perylene-d12	264	14.684	14.685	-0.001	96	391775	4.00	
$ 7 2-Fluorophenol	112	4.812	4.809	0.003	93	232032	5.23	
$ 8 Phenol-d5	99	5.682	5.686	-0.004	0	323992	5.04	
$ 9 Nitrobenzene-d5	82	6.526	6.530	-0.004	83	430459	5.31	
$ 10 2-Fluorobiphenyl (Surr)	172	8.065	8.063	0.002	95	539654	4.89	
$ 11 2,4,6-Tribromophenol	330	9.320	9.318	0.002	62	45963	5.30	
$ 12 Terphenyl-d14	244	11.292	11.295	-0.003	95	528132	5.23	
20 Dimethylformamide	1		0.000					
23 2,5-Dichlorophenol	1		0.000					
18 Bis(4-hydroxyphenyl)methane	1		0.000					
19 Octachlorostyrene	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
22 Bis(2-hydroxyphenyl)methane	1		0.000					
13 Octachlorocyclopentene	1		0.000					
25 1,4-Dioxane	88	2.696	2.694	0.002	77	116614	5.38	M
35 Acrylamide	71		2.744					
26 N-Nitrosodimethylamine	74	3.188	3.191	-0.003	77	150568	5.55	
27 Pyridine	79	3.241	3.234	0.007	90	298505	5.18	
42 Phenylmercaptan	110		3.596					
28 Ethyl methacrylate	69	3.823	3.827	-0.004	82	263713	4.96	
232 1-Methyl-2-pyrrilidinone	99		3.880					1
52 Indene	115		4.084					
29 3-Chloropropionitrile	54	4.181	4.179	0.002	82	139603	5.91	
31 2-Picoline	93		4.193					
32 N-Nitrosomethylethylamine	88		4.326					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
17 4-Chlorophenol	128		4.500					
33 Malononitrile	66		4.580					9
24 Catechol	110		4.592					
34 Methyl methanesulfonate	80		4.647					
30 3-Picoline	93		4.705					9
233 n,n'-Dimethylacetamide	44		4.727					
15 3-Methylcatechol	124		4.913					
14 4-Methylcatechol	124		5.036					
81 Benzothiazole	135		5.046					
36 N-Nitrosodiethylamine	102		5.047					
82 Quinoline	129		5.099					
37 Ethyl methanesulfonate	79		5.331					9
38 2-Methylcyclohexanone	68		5.544					
39 3-Methylcyclohexanone	69		5.582					
40 4-Methylcyclohexanone	55	5.650	5.630	0.020	1	484	0	
41 Benzaldehyde	77	5.656	5.654	0.002	83	348727	5.40	
43 Phenol	94	5.693	5.696	-0.003	95	369021	5.04	
96 3,4-Dichloronitrobenzene	109		5.725					
44 Aniline	93	5.746	5.744	0.002	94	463524	5.22	
101 Phenyl ether	170		5.773					
45 Pentachloroethane	167		5.795					
69 Bis(2-chloroethyl)ether	93	5.795	5.798	-0.004	94	356036	5.29	
46 2-Chlorophenol	128	5.853	5.857	-0.004	86	203202	4.94	
47 1,3-Dichlorobenzene	146	5.998	5.995	0.003	81	270478	5.00	
48 1,4-Dichlorobenzene	146	6.062	6.060	0.002	76	221044	4.83	
49 Benzyl alcohol	108	6.152	6.150	0.002	87	163471	5.15	
50 1,2-Dichlorobenzene	146	6.195	6.198	-0.003	79	254127	4.92	
51 2-Methylphenol	108	6.238	6.236	0.002	94	226522	4.93	
53 2,2'-oxybis[1-chloropropane]	45	6.270	6.273	-0.003	96	350890	5.29	
21 3 & 4 Methylphenol	108	6.366	6.364	0.002	92	254734	5.17	
56 N-Nitrosopyrrolidine	100		6.367					
57 N-Nitrosodi-n-propylamine	70	6.382	6.380	0.002	71	256266	5.23	
58 Acetophenone	105	6.393	6.391	0.002	71	385638	5.23	
59 N-Nitrosomorpholine	56		6.399					9
60 2-Toluidine	106		6.420					9
61 Hexachloroethane	117	6.500	6.498	0.002	90	114531	4.85	
62 Nitrobenzene	77	6.542	6.546	-0.004	74	446049	5.15	
63 N-Nitrosopiperidine	114		6.677					
64 Isophorone	82	6.745	6.743	0.002	95	653354	5.18	
66 2-Nitrophenol	139	6.820	6.818	0.002	89	105208	5.06	
67 1,3,5-Trichlorobenzene	180	6.831	6.829	0.002	73	233204	5.04	
65 2,4-Dimethylphenol	107	6.831	6.834	-0.003	96	284085	5.22	
71 Benzoic acid	122	6.874	6.888	-0.014	83	218374	9.15	
68 o,o',o''-Triethylphosphorothioat	198		6.890					
70 Bis(2-chloroethoxy)methane	93	6.916	6.920	-0.004	99	432072	5.20	
72 alpha,alpha-Dimethyl phenethylam	58		7.013					9
73 2,4-Dichlorophenol	162	7.018	7.021	-0.003	89	162406	5.13	
74 1,2,4-Trichlorobenzene	180	7.103	7.101	0.002	81	230956	5.10	
75 Naphthalene	128	7.178	7.176	0.002	98	612128	5.02	
76 4-Chloroaniline	127	7.205	7.208	-0.003	78	250308	5.05	
77 2,6-Dichlorophenol	162		7.216					9
78 Hexachloropropene	213		7.248					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
79 Hexachlorobutadiene	225	7.269	7.272	-0.003	84	121486	4.90	
80 1,2,3-Trichlorobenzene	180	7.296	7.294	0.002	82	217836	0	
83 N-Nitrosodi-n-butylamine	84		7.478					
84 Caprolactam	113	7.483	7.486	-0.003	73	73645	5.96	
85 p-Phenylene diamine	108		7.505					9
86 4-Chloro-3-methylphenol	107	7.595	7.598	-0.003	76	229364	4.89	
153 Diphenylsulfone	125		7.616					9
94 Safrole, Total	162		7.670					
87 2-Methylnaphthalene	142	7.766	7.764	0.002	85	397468	4.85	
88 1-Methylnaphthalene	142	7.851	7.849	0.002	79	381452	5.07	
90 1,2,3,5-Tetrachlorobenzene	216	7.894	7.892	0.002	84	223726	5.17	
89 Hexachlorocyclopentadiene	237	7.894	7.892	0.002	76	135829	4.99	
91 1,2,4,5-Tetrachlorobenzene	216	7.894	7.905	-0.011	86	223726	6.11	
225 Isosafrole Peak 1	162		7.921					9
92 2,4,6-Trichlorophenol	196	7.990	7.993	-0.003	85	123518	5.23	
93 2,4,5-Trichlorophenol	196	8.022	8.025	-0.003	87	129449	5.15	
227 Isosafrole Peak 2	162		8.114					9
97 2,4-Toluene diamine	121	8.134	8.132	0.002	94	118471	5.20	
99 1,2,3,4 -Tetrachlorobenzene	216	8.150	8.148	0.002	82	226551	0	
98 1,1'-Biphenyl	154	8.156	8.154	0.002	95	500401	5.10	
100 2-Chloronaphthalene	162	8.182	8.180	0.002	97	472318	5.33	
102 2-Nitroaniline	65	8.252	8.250	0.002	70	179688	5.34	
103 1,4-Naphthoquinone	158		8.322					
104 1,4-Dinitrobenzene	168		8.365					
105 Dimethyl phthalate	163	8.385	8.389	-0.004	92	435432	5.08	
106 1,3-Dinitrobenzene	168		8.424					
107 2,6-Dinitrotoluene	165	8.450	8.447	0.003	77	114657	5.29	
108 1,2-Dinitrobenzene	168	8.498	8.501	-0.003	80	55858	5.05	
109 Acenaphthylene	152	8.540	8.538	0.002	92	638284	5.12	
110 3-Nitroaniline	138	8.594	8.597	-0.003	85	105627	5.26	
112 Acenaphthene	153	8.685	8.683	0.002	89	395991	4.92	
111 2,4-Dinitrophenol	184	8.679	8.683	-0.004	62	108408	8.93	
113 4-Nitrophenol	109	8.706	8.709	-0.003	84	76193	4.79	
114 2,4-Dinitrotoluene	165	8.791	8.789	0.002	81	155843	5.31	
115 Pentachlorobenzene	250		8.792					9
116 Dibenzofuran	168	8.829	8.827	0.002	85	555219	5.07	
118 2,3,5,6-Tetrachlorophenol	232	8.882	8.886	-0.004	85	105104	5.10	
117 1-Naphthylamine	143		8.888					9
119 2,3,4,6-Tetrachlorophenol	232	8.882	8.920	-0.038	71	105104	5.80	
120 2-Naphthylamine	143		8.958					9
121 Diethyl phthalate	149	8.978	8.982	-0.004	95	428973	5.00	
122 Thionazin	97		9.054					9
123 4-Chlorophenyl phenyl ether	204	9.101	9.099	0.002	93	268443	5.10	
124 N-Nitro-o-toluidine	152		9.113					9
125 4-Nitroaniline	138	9.112	9.115	-0.003	77	114064	5.28	
126 Fluorene	166	9.117	9.121	-0.004	68	467989	5.08	
128 4,6-Dinitro-2-methylphenol	198	9.133	9.137	-0.004	71	74616	4.97	
127 Tributyl phosphate	99		9.139					9
131 N-Nitrosodiphenylamine	169	9.197	9.195	0.002	95	328422	5.05	
130 Diphenylamine	169	9.197	9.198	-0.001	82	328422	4.20	
176 Hexabromobenzene	232		9.208					
132 1,2-Diphenylhydrazine	77	9.235	9.238	-0.003	100	833031	5.30	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
133 Azobenzene	77	9.235	9.238	-0.003	93	833031	5.30	
134 Sulfotepp	202	9.304	9.305	-0.001	77	52966	5.00	
135 1,3,5-Trinitrobenzene	213		9.391					
137 Phenacetin	108		9.433					
228 Diallate Peak 1	86		9.433					9
138 Phorate	121		9.444					
230 Diallate Peak 2	86		9.513					
139 4-Bromophenyl phenyl ether	248	9.518	9.521	-0.003	68	135612	5.02	
179 6-Methylchrysene	242		9.576					
141 Hexachlorobenzene	284	9.587	9.585	0.002	83	136117	5.11	
140 Dimethoate	87		9.588					9
142 Atrazine	200	9.625	9.628	-0.003	78	98497	5.12	
129 4-Aminobiphenyl	169		9.738					9
143 Pentachlorophenol	266	9.742	9.740	0.002	76	158368	9.62	
145 Pentachloronitrobenzene	237		9.754					9
144 Pronamide	173		9.759					
147 Dinoseb	211		9.877					
146 Disulfoton	88		9.882					9
148 Phenanthrene	178	9.940	9.938	0.002	85	663469	4.95	
149 Anthracene	178	9.983	9.986	-0.003	84	665928	5.14	
150 DFTPP								
151 Carbazole	167	10.106	10.104	0.002	80	606868	4.96	
152 Methyl parathion	109		10.203					
154 Di-n-butyl phthalate	149	10.357	10.360	-0.003	99	754058	4.98	
155 Ethyl Parathion	97		10.523					
156 4-Nitroquinoline-1-oxide	190		10.582					
157 Methapyrilene	58		10.625					
158 Isodrin	66		10.828					9
159 Fluoranthene	202	10.960	10.958	0.002	78	709861	4.94	
160 Benzidine	184	11.051	11.054	-0.003	86	261797	4.36	
161 Pyrene	202	11.179	11.177	0.002	72	742137	4.92	
166 4,4'-DDE	246		11.233					9
226 Aramite Peak 1	185		11.244					9
229 Aramite Peak 2	185		11.319					9
163 p-Dimethylamino azobenzene	225		11.431					
164 Chlorobenzilate	139		11.463					
165 4,4'-DDD	235		11.618					
187 Dibenz[a,h]acridine	279		11.729					
167 Famphur	218		11.736					
168 Butyl benzyl phthalate	149	11.788	11.786	0.002	88	303206	4.81	
169 3,3'-Dimethylbenzidine	212		11.794					9
186 Dibenz[a,j]acridine	279		11.804					
170 4,4'-DDT	235		11.917					
171 2-Acetylaminofluorene	181		12.094					
172 3,3'-Dimethoxybenzidine	244	12.419	12.417	0.002	88	131987	4.54	
174 4,4'-Methylene bis(2-chloroanili	231	12.461	12.465	-0.004	70	124529	4.91	
175 3,3'-Dichlorobenzidine	252	12.461	12.465	-0.004	75	253946	5.39	
173 Bis(2-ethylhexyl) phthalate	149	12.483	12.481	0.002	93	440475	4.84	
177 Benzo[a]anthracene	228	12.526	12.524	0.002	79	684266	4.92	
178 Chrysene	228	12.574	12.577	-0.003	86	643826	5.02	
180 Di-n-octyl phthalate	149	13.423	13.421	0.002	99	644770	4.45	
181 7,12-Dimethylbenz(a)anthracene	256		14.065					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
182 Benzo[b]fluoranthene	252	14.080	14.083	-0.003	78	601851	4.95	
183 Benzo[k]fluoranthene	252	14.118	14.126	-0.008	84	616417	5.11	
184 Benzo[a]pyrene	252	14.593	14.596	-0.003	74	564163	5.17	
185 3-Methylcholanthrene	268		15.139					
188 Indeno[1,2,3-cd]pyrene	276	16.404	16.402	0.002	80	587703	4.89	
189 Dibenz(a,h)anthracene	278	16.431	16.429	0.002	72	485948	4.79	
190 Benzo[g,h,i]perylene	276	16.879	16.888	-0.009	76	515698	5.18	
S 191 Methyl Phenols,Total	100				0		10.1	
S 95 Isosafrole	162		5.568					7
S 136 Diallate	86		6.701					7
S 162 Aramite, Total	185		8.271					7
T 192 Octadecane (TIC)	57		0.000					1
T 195 Hydroquinone TIC	110		0.000					
T 194 Decane TIC	57		0.000					1
T 240 Trimethyl phosphate TIC	110		3.120					1
T 234 2-Isopropylphenol TIC	121		4.623					1
T 236 3-isopropylphenol TIC	121		4.756					1
T 235 4-isopropylphenol TIC	121		4.756					1
T 193 Hexamethylphosphoramide TIC	135		5.100					1
T 237 3-(1,1-Dimethylethyl Phenol) TIC	135		5.110					1
T 196 Kepone TIC	272		8.281					
T 242 Triphenyl Phosphate TIC	326		8.700					1
T 238 2,3,7,8-TCDD TIC	1		9.000					1
T 231 2,3,7,8-TCDD	322		9.150					
T 197 Hexachlorophene TIC	198		9.269					1
T 241 Tricresyl phosphate TIC	368		9.372					1
T 239 Tris(2,3-dibromopropyl)phosphate	201		10.600					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

Review Flags
M - Manually Integrated

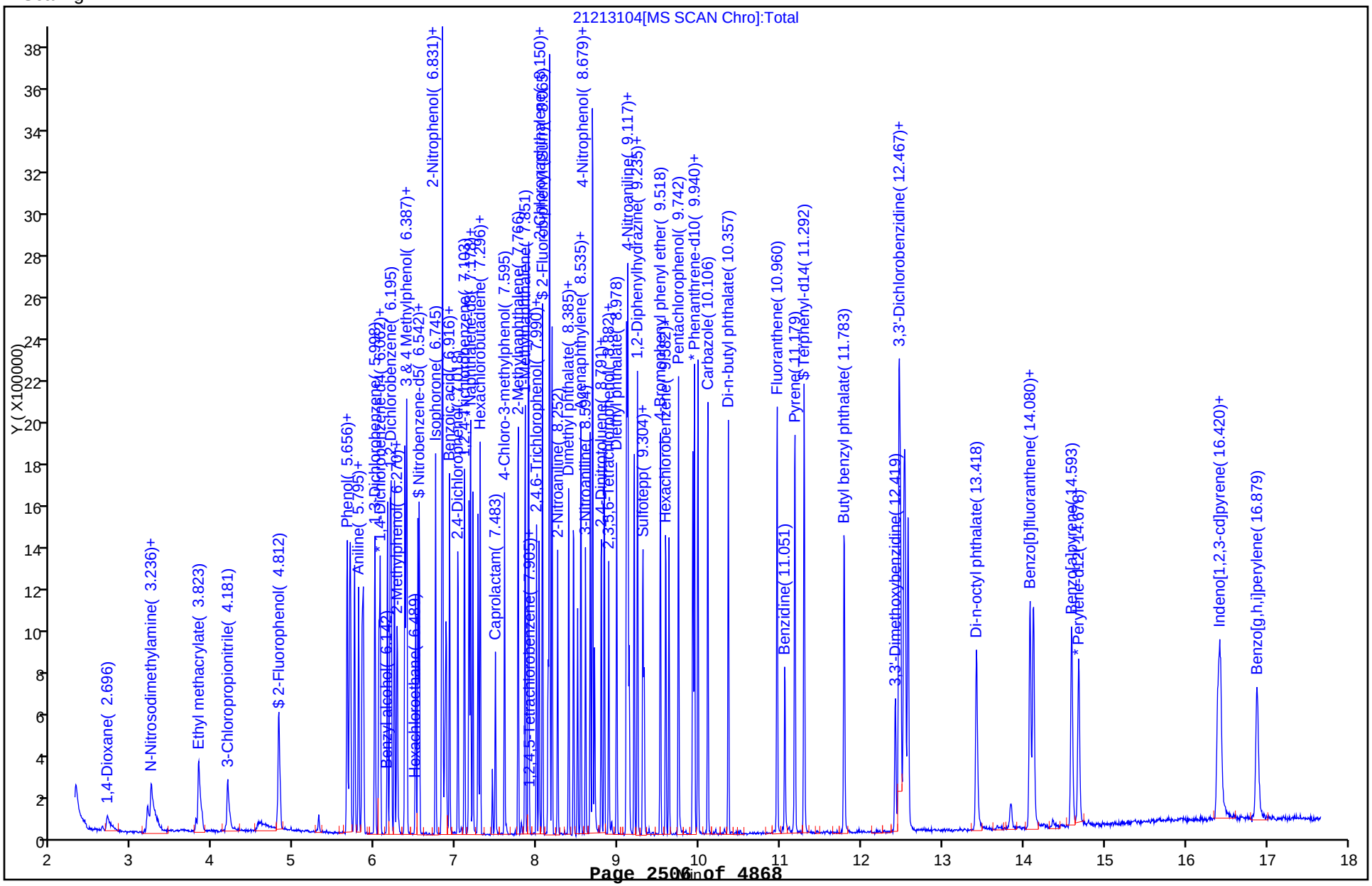
Report Date: 14-Dec-2012 09:41:13 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121213-15814.b\21213104.D

Injection Date:	13-Dec-2012 15:58:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68588	Lims Sample ID:	4
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-68588/10

Matrix: Solid | Lab File ID: 21213110.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/13/2012 18:27

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 68588 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	4.65		0.00020	0.00010	0.00010
208-96-8	Acenaphthylene	4.86		0.00020	0.00010	0.00010
120-12-7	Anthracene	5.08		0.00020	0.00010	0.00010
56-55-3	Benzo[a]anthracene	4.90		0.00020	0.00010	0.00010
50-32-8	Benzo[a]pyrene	5.08		0.00020	0.00010	0.00010
205-99-2	Benzo[b]fluoranthene	4.77		0.00020	0.00010	0.00010
191-24-2	Benzo[g,h,i]perylene	4.20		0.00020	0.00010	0.00010
65-85-0	Benzoic acid	9.09		0.025	0.010	0.010
207-08-9	Benzo[k]fluoranthene	5.16		0.00020	0.00010	0.00010
100-51-6	Benzyl alcohol	4.99		0.0050	0.00080	0.00038
111-91-1	Bis(2-chloroethoxy)methane	5.07		0.0010	0.00080	0.00032
111-44-4	Bis(2-chloroethyl)ether	5.10		0.0010	0.00010	0.00010
117-81-7	Bis(2-ethylhexyl) phthalate	5.50		0.0020	0.00080	0.00080
101-55-3	4-Bromophenyl phenyl ether	5.16		0.0020	0.00080	0.00080
85-68-7	Butyl benzyl phthalate	5.29		0.0010	0.00080	0.00080
86-74-8	Carbazole	4.96		0.0010	0.00080	0.00028
59-50-7	4-Chloro-3-methylphenol	5.05		0.0020	0.00080	0.00080
91-58-7	2-Chloronaphthalene	4.83		0.0010	0.00010	0.00010
95-57-8	2-Chlorophenol	5.09		0.0010	0.00080	0.00029
7005-72-3	4-Chlorophenyl phenyl ether	4.61		0.0020	0.00080	0.00030
218-01-9	Chrysene	4.92		0.00020	0.00010	0.00010
53-70-3	Dibenz(a,h)anthracene	4.20		0.00020	0.00010	0.00010
132-64-9	Dibenzofuran	4.72		0.0010	0.00010	0.00010
106-46-7	1,4-Dichlorobenzene	4.90		0.0010	0.00080	0.00034
95-50-1	1,2-Dichlorobenzene	5.01		0.0010	0.00080	0.00029
541-73-1	1,3-Dichlorobenzene	4.92		0.0010	0.00080	0.00080
91-94-1	3,3'-Dichlorobenzidine	5.24		0.0050	0.00080	0.00037
120-83-2	2,4-Dichlorophenol	5.06		0.0020	0.00080	0.00080
84-66-2	Diethyl phthalate	4.97		0.0010	0.00080	0.00060
105-67-9	2,4-Dimethylphenol	5.17		0.0020	0.00080	0.00080
131-11-3	Dimethyl phthalate	4.86		0.0010	0.00080	0.00029
84-74-2	Di-n-butyl phthalate	5.02		0.0010	0.00080	0.00067
534-52-1	4,6-Dinitro-2-methylphenol	4.03		0.0050	0.0024	0.0024
51-28-5	2,4-Dinitrophenol	5.50	^	0.0050	0.0024	0.0024

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-68588/10

Matrix: Solid | Lab File ID: 21213110.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/13/2012 18:27

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 68588 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
121-14-2	2,4-Dinitrotoluene	4.90		0.0050	0.00080	0.00027
606-20-2	2,6-Dinitrotoluene	5.08		0.0050	0.00080	0.00080
117-84-0	Di-n-octyl phthalate	5.43		0.0010	0.00080	0.00080
206-44-0	Fluoranthene	4.86		0.00020	0.00010	0.00010
86-73-7	Fluorene	4.67		0.00020	0.00010	0.00010
118-74-1	Hexachlorobenzene	4.92		0.00020	0.00010	0.00010
87-68-3	Hexachlorobutadiene	5.02		0.0010	0.00080	0.00027
77-47-4	Hexachlorocyclopentadiene	0.563	^	0.010	0.00080	0.00080
67-72-1	Hexachloroethane	3.19	^	0.0010	0.00080	0.00080
193-39-5	Indeno[1,2,3-cd]pyrene	4.33		0.00020	0.00010	0.00010
78-59-1	Isophorone	5.30		0.0010	0.00080	0.00027
91-57-6	2-Methylnaphthalene	4.91		0.00020	0.00010	0.00010
95-48-7	2-Methylphenol	5.27		0.0010	0.00080	0.00080
15831-10-4	3 & 4 Methylphenol	5.04		0.0020	0.00080	0.00080
91-20-3	Naphthalene	4.98		0.00020	0.00010	0.00010
88-74-4	2-Nitroaniline	5.22		0.0020	0.00080	0.00080
99-09-2	3-Nitroaniline	5.38		0.0020	0.00080	0.00028
100-01-6	4-Nitroaniline	5.17		0.0020	0.00080	0.00080
98-95-3	Nitrobenzene	5.25		0.0010	0.00010	0.000040
88-75-5	2-Nitrophenol	5.20		0.0020	0.00080	0.00028
100-02-7	4-Nitrophenol	4.58		0.0050	0.0024	0.0024
621-64-7	N-Nitrosodi-n-propylamine	5.20		0.0010	0.00080	0.00080
86-30-6	N-Nitrosodiphenylamine	5.28		0.0010	0.00080	0.00031
87-86-5	Pentachlorophenol	9.39		0.0050	0.0024	0.0024
85-01-8	Phenanthrene	4.71		0.00020	0.00010	0.00010
108-95-2	Phenol	5.20		0.0010	0.00080	0.00060
129-00-0	Pyrene	4.86		0.00020	0.00010	0.00010
120-82-1	1,2,4-Trichlorobenzene	4.98		0.0010	0.00080	0.00028
95-95-4	2,4,5-Trichlorophenol	4.83		0.0050	0.00080	0.00030
88-06-2	2,4,6-Trichlorophenol	5.10		0.0050	0.00080	0.00080

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-68588/10

Matrix: Solid | Lab File ID: 21213110.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/13/2012 18:27

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 68588 | Units: ng/uL

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	91		50-150
367-12-4	2-Fluorophenol (Surr)	103		50-150
4165-60-0	Nitrobenzene-d5 (Surr)	104	Q	50-150
1718-51-0	Terphenyl-d14 (Surr)	100		50-150
118-79-6	2,4,6-Tribromophenol (Surr)	99		50-150
4165-62-2	Phenol-d5 (Surr)	104	Q	50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121213-15814.b\21213110.D
Lims ID: mrl qccl Client ID:
Inject. Date: 13-Dec-2012 18:27:30 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0015814-010
Misc. Info.: MRL QCCL =MRL QCCL
Operator: 001574 Instrument ID: A4HP9
Injection Vol: 1.0 ul ALS Bottle#: 10
Lims Batch ID: 68588 Lims Sample ID: 10
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121213-15814.b\8270 _9.m
Last Update: 14-Dec-2012 09:41:11 Calib Date: 13-Dec-2012 11:31:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121213-15797.b\21213010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: 5% phenyl Column Dia: 0.18 mm
Process Host: XAWRK024

First Level Reviewer: ulmanm Date: 14-Dec-2012 09:17:14

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	6.048	6.046	0.002	93	119834	4.00	
* 2 Naphthalene-d8	136	7.159	7.158	0.001	98	472940	4.00	
* 3 Acenaphthene-d10	164	8.655	8.653	0.002	68	297130	4.00	
* 4 Phenanthrene-d10	188	9.916	9.919	-0.003	70	498061	4.00	
* 5 Chrysene-d12	240	12.539	12.537	0.002	77	502907	4.00	
* 6 Perylene-d12	264	14.681	14.685	-0.004	91	412617	4.00	
$ 7 2-Fluorophenol	112	4.809	4.809	0.0	91	224595	5.13	
$ 8 Phenol-d5	99	5.685	5.686	-0.001	0	330931	5.21	
$ 9 Nitrobenzene-d5	82	6.529	6.530	-0.001	82	417883	5.21	
$ 10 2-Fluorobiphenyl (Surr)	172	8.062	8.063	-0.001	95	521935	4.56	
$ 11 2,4,6-Tribromophenol	330	9.323	9.318	0.005	66	44706	4.97	
$ 12 Terphenyl-d14	244	11.294	11.295	-0.001	93	503836	4.99	
20 Dimethylformamide	1		0.000					
23 2,5-Dichlorophenol	1		0.000					
18 Bis(4-hydroxyphenyl)methane	1		0.000					
19 Octachlorostyrene	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
22 Bis(2-hydroxyphenyl)methane	1		0.000					
13 Octachlorocyclopentene	1		0.000					
25 1,4-Dioxane	88	2.693	2.694	-0.001	89	111373	5.19	M
35 Acrylamide	71		2.744					
26 N-Nitrosodimethylamine	74	3.190	3.191	-0.001	77	134406	5.07	
27 Pyridine	79	3.238	3.234	0.004	91	284448	5.00	
42 Phenylmercaptan	110		3.596					
28 Ethyl methacrylate	69	3.821	3.827	-0.006	83	277141	5.28	
232 1-Methyl-2-pyrrilidinone	99		3.880					1
52 Indene	115		4.084					
29 3-Chloropropionitrile	54	4.184	4.179	0.005	80	130066	5.57	
31 2-Picoline	93		4.193					9
32 N-Nitrosomethylethylamine	88		4.326					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
17 4-Chlorophenol	128		4.500					
33 Malononitrile	66		4.580					
24 Catechol	110		4.592					9
34 Methyl methanesulfonate	80		4.647					
30 3-Picoline	93		4.705					
233 n,n'-Dimethylacetamide	44		4.727					
15 3-Methylcatechol	124		4.913					
14 4-Methylcatechol	124		5.036					
81 Benzothiazole	135		5.046					
36 N-Nitrosodiethylamine	102		5.047					
82 Quinoline	129		5.099					
37 Ethyl methanesulfonate	79		5.331					9
38 2-Methylcyclohexanone	68		5.544					
39 3-Methylcyclohexanone	69		5.582					
40 4-Methylcyclohexanone	55		5.630					
41 Benzaldehyde	77	5.653	5.654	-0.001	81	344580	5.40	
43 Phenol	94	5.696	5.696	0.0	96	376743	5.20	
96 3,4-Dichloronitrobenzene	109		5.725					
44 Aniline	93	5.744	5.744	0.0	93	445304	5.08	
101 Phenyl ether	170		5.773					
45 Pentachloroethane	167		5.795					
69 Bis(2-chloroethyl)ether	93	5.797	5.798	-0.001	95	339089	5.10	
46 2-Chlorophenol	128	5.856	5.857	-0.001	81	206857	5.09	
47 1,3-Dichlorobenzene	146	5.995	5.995	0.0	82	262871	4.92	
48 1,4-Dichlorobenzene	146	6.064	6.060	0.004	80	221449	4.90	
49 Benzyl alcohol	108	6.155	6.150	0.005	87	156448	4.99	
50 1,2-Dichlorobenzene	146	6.198	6.198	0.0	81	255169	5.01	
51 2-Methylphenol	108	6.241	6.236	0.005	96	239262	5.27	
53 2,2'-oxybis[1-chloropropane]	45	6.267	6.273	-0.006	94	343196	5.24	
21 3 & 4 Methylphenol	108	6.369	6.364	0.005	92	245146	5.04	
56 N-Nitrosopyrrolidine	100		6.367					
57 N-Nitrosodi-n-propylamine	70	6.380	6.380	0.0	71	251399	5.20	
58 Acetophenone	105	6.390	6.391	-0.001	81	375588	5.16	
59 N-Nitrosomorpholine	56		6.399					
60 2-Toluidine	106		6.420					9
61 Hexachloroethane	117	6.497	6.498	-0.001	85	74319	3.19	
62 Nitrobenzene	77	6.545	6.546	-0.001	74	449926	5.25	
63 N-Nitrosopiperidine	114		6.677					
64 Isophorone	82	6.743	6.743	0.0	95	661299	5.30	
66 2-Nitrophenol	139	6.823	6.818	0.005	84	106876	5.20	
67 1,3,5-Trichlorobenzene	180	6.834	6.829	0.005	81	222195	4.86	
65 2,4-Dimethylphenol	107	6.834	6.834	0.0	97	278082	5.17	
71 Benzoic acid	122	6.876	6.888	-0.012	82	214298	9.09	
68 o,o',o''-Triethylphosphorothioat	198		6.890					
70 Bis(2-chloroethoxy)methane	93	6.919	6.920	-0.001	99	416292	5.07	
72 alpha,alpha-Dimethyl phenethylam	58		7.013					
73 2,4-Dichlorophenol	162	7.021	7.021	0.0	89	158254	5.06	
74 1,2,4-Trichlorobenzene	180	7.101	7.101	0.0	81	223435	4.98	
75 Naphthalene	128	7.175	7.176	-0.001	97	600035	4.98	
76 4-Chloroaniline	127	7.208	7.208	0.0	79	255215	5.21	
77 2,6-Dichlorophenol	162		7.216					9
78 Hexachloropropene	213		7.248					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
79 Hexachlorobutadiene	225	7.272	7.272	0.0	87	123040	5.02	
80 1,2,3-Trichlorobenzene	180		7.294					
83 N-Nitrosodi-n-butylamine	84		7.478					
84 Caprolactam	113	7.485	7.486	-0.001	77	73605	6.02	
85 p-Phenylene diamine	108		7.505					9
86 4-Chloro-3-methylphenol	107	7.598	7.598	0.0	81	233999	5.05	
153 Diphenylsulfone	125		7.616					9
94 Safrole, Total	162		7.670					
87 2-Methylnaphthalene	142	7.763	7.764	-0.001	85	398114	4.91	
88 1-Methylnaphthalene	142	7.849	7.849	0.0	80	376762	5.06	
90 1,2,3,5-Tetrachlorobenzene	216	7.891	7.892	-0.001	85	230194	5.13	
89 Hexachlorocyclopentadiene	237	7.891	7.892	-0.001	44	15904	0.5633	
91 1,2,4,5-Tetrachlorobenzene	216		7.905					
225 Isosafrole Peak 1	162		7.921					9
92 2,4,6-Trichlorophenol	196	7.993	7.993	0.0	89	124778	5.10	
93 2,4,5-Trichlorophenol	196	8.025	8.025	0.0	89	125930	4.83	
227 Isosafrole Peak 2	162		8.114					
97 2,4-Toluene diamine	121	8.132	8.132	0.0	95	116369	5.16	
99 1,2,3,4 -Tetrachlorobenzene	216		8.148					
98 1,1'-Biphenyl	154	8.153	8.154	-0.001	95	482999	4.75	
100 2-Chloronaphthalene	162	8.180	8.180	0.0	93	443983	4.83	
102 2-Nitroaniline	65	8.255	8.250	0.005	73	182206	5.22	
103 1,4-Naphthoquinone	158		8.322					
104 1,4-Dinitrobenzene	168		8.365					
105 Dimethyl phthalate	163	8.388	8.389	-0.001	93	432966	4.86	
106 1,3-Dinitrobenzene	168		8.424					
107 2,6-Dinitrotoluene	165	8.447	8.447	0.0	73	113978	5.08	
108 1,2-Dinitrobenzene	168	8.500	8.501	-0.001	81	58765	5.12	
109 Acenaphthylene	152	8.538	8.538	0.0	85	628981	4.86	
110 3-Nitroaniline	138	8.596	8.597	-0.001	87	112070	5.38	
112 Acenaphthene	153	8.682	8.683	-0.001	89	388122	4.65	
111 2,4-Dinitrophenol	184	8.682	8.683	-0.001	59	62302	5.50	
113 4-Nitrophenol	109	8.709	8.709	0.0	86	75595	4.58	
114 2,4-Dinitrotoluene	165	8.789	8.789	0.0	72	149016	4.90	
115 Pentachlorobenzene	250		8.792					9
116 Dibenzofuran	168	8.826	8.827	-0.001	84	535964	4.72	
118 2,3,5,6-Tetrachlorophenol	232	8.885	8.886	-0.001	85	102376	4.79	
117 1-Naphthylamine	143		8.888					9
119 2,3,4,6-Tetrachlorophenol	232	8.885	8.920	-0.035	72	102376	5.45	
120 2-Naphthylamine	143		8.958					9
121 Diethyl phthalate	149	8.981	8.982	-0.001	94	442354	4.97	
122 Thionazin	97		9.054					9
123 4-Chlorophenyl phenyl ether	204	9.104	9.099	0.005	94	251550	4.61	
124 N-Nitro-o-toluidine	152		9.113					9
125 4-Nitroaniline	138	9.115	9.115	0.0	77	115871	5.17	
126 Fluorene	166	9.120	9.121	-0.001	68	447046	4.67	
128 4,6-Dinitro-2-methylphenol	198	9.136	9.137	-0.001	62	58794	4.03	
127 Tributyl phosphate	99		9.139					9
131 N-Nitrosodiphenylamine	169	9.195	9.195	0.0	98	348901	5.28	
130 Diphenylamine	169	9.195	9.198	-0.003	89	348901	4.39	
176 Hexabromobenzene	232		9.208					
132 1,2-Diphenylhydrazine	77	9.238	9.238	0.0	99	811080	5.09	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
133 Azobenzene	77	9.238	9.238	0.0	94	811080	5.09	
134 Sulfotepp	202	9.302	9.305	-0.003	77	53457	4.97	
135 1,3,5-Trinitrobenzene	213		9.391					
137 Phenacetin	108		9.433					9
228 Diallate Peak 1	86		9.433					
138 Phorate	121		9.444					9
230 Diallate Peak 2	86		9.513					9
139 4-Bromophenyl phenyl ether	248	9.521	9.521	0.0	68	141303	5.16	
179 6-Methylchrysene	242		9.576					
141 Hexachlorobenzene	284	9.585	9.585	0.0	76	132890	4.92	
140 Dimethoate	87		9.588					9
142 Atrazine	200	9.628	9.628	0.0	85	103430	5.30	
129 4-Aminobiphenyl	169		9.738					9
143 Pentachlorophenol	266	9.745	9.740	0.005	81	156663	9.39	
145 Pentachloronitrobenzene	237		9.754					9
144 Pronamide	173		9.759					9
147 Dinoseb	211		9.877					9
146 Disulfoton	88		9.882					9
148 Phenanthrene	178	9.937	9.938	-0.001	83	640847	4.71	
149 Anthracene	178	9.985	9.986	-0.001	84	667182	5.08	
150 DFTPP								
151 Carbazole	167	10.103	10.104	-0.001	82	615755	4.96	
152 Methyl parathion	109		10.203					
154 Di-n-butyl phthalate	149	10.359	10.360	-0.001	100	771141	5.02	
155 Ethyl Parathion	97		10.523					
156 4-Nitroquinoline-1-oxide	190		10.582					
157 Methapyrilene	58		10.625					
158 Isodrin	66		10.828					9
159 Fluoranthene	202	10.958	10.958	0.0	82	708382	4.86	
160 Benzidine	184	11.054	11.054	0.0	86	305323	4.99	
161 Pyrene	202	11.177	11.177	0.0	75	733418	4.86	
166 4,4'-DDE	246		11.233					9
226 Aramite Peak 1	185		11.244					
229 Aramite Peak 2	185		11.319					9
163 p-Dimethylamino azobenzene	225		11.431					9
164 Chlorobenzilate	139		11.463					9
165 4,4'-DDD	235		11.618					
187 Dibenz[a,h]acridine	279		11.729					
167 Famphur	218		11.736					
168 Butyl benzyl phthalate	149	11.786	11.786	0.0	86	333796	5.29	
169 3,3'-Dimethylbenzidine	212		11.794					9
186 Dibenz[a,j]acridine	279		11.804					
170 4,4'-DDT	235		11.917					
171 2-Acetylaminofluorene	181		12.094					9
172 3,3'-Dimethoxybenzidine	244	12.416	12.417	-0.001	86	179661	5.98	
174 4,4'-Methylene bis(2-chloroanili	231	12.464	12.465	-0.001	66	133661	5.27	
175 3,3'-Dichlorobenzidine	252	12.464	12.465	-0.001	71	247084	5.24	
173 Bis(2-ethylhexyl) phthalate	149	12.480	12.481	-0.001	94	500703	5.50	
177 Benzo[a]anthracene	228	12.523	12.524	-0.001	80	681883	4.90	
178 Chrysene	228	12.576	12.577	-0.001	86	632562	4.92	
180 Di-n-octyl phthalate	149	13.415	13.421	-0.006	99	844433	5.43	
181 7,12-Dimethylbenz(a)anthracene	256		14.065					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
182 Benzo[b]fluoranthene	252	14.078	14.083	-0.005	84	610623	4.77	
183 Benzo[k]fluoranthene	252	14.120	14.126	-0.006	79	654799	5.16	
184 Benzo[a]pyrene	252	14.590	14.596	-0.006	78	583138	5.08	
185 3-Methylcholanthrene	268		15.139					9
188 Indeno[1,2,3-cd]pyrene	276	16.401	16.402	-0.001	84	547463	4.33	
189 Dibenz(a,h)anthracene	278	16.433	16.429	0.004	52	447935	4.20	
190 Benzo[g,h,i]perylene	276	16.882	16.888	-0.006	84	439934	4.20	
S 191 Methyl Phenols,Total	100				0		10.3	
S 95 Isosafrole	162		5.568					7
S 136 Diallate	86		6.701					7
S 162 Aramite, Total	185		8.271					7
T 192 Octadecane (TIC)	57		0.000					1
T 195 Hydroquinone TIC	110	7.448	0.0	7.448	90	112827	0	
T 194 Decane TIC	57		0.000					1
T 240 Trimethyl phosphate TIC	110		3.120					1
T 234 2-Isopropylphenol TIC	121		4.623					1
T 236 3-isopropylphenol TIC	121		4.756					1
T 235 4-isopropylphenol TIC	121		4.756					1
T 193 Hexamethylphosphoramide TIC	135		5.100					1
T 237 3-(1,1-Dimethylethyl Phenol) TIC	135		5.110					1
T 196 Kepone TIC	272	9.745	8.294	1.464	1	4622	0.0368	
T 242 Triphenyl Phosphate TIC	326		8.700					1
T 238 2,3,7,8-TCDD TIC	1		9.000					1
T 231 2,3,7,8-TCDD	322		9.150					1
T 197 Hexachlorophene TIC	198		9.269					1
T 241 Tricresyl phosphate TIC	368		9.372					1
T 239 Tris(2,3-dibromopropyl)phosphate	201		10.600					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

Review Flags
M - Manually Integrated

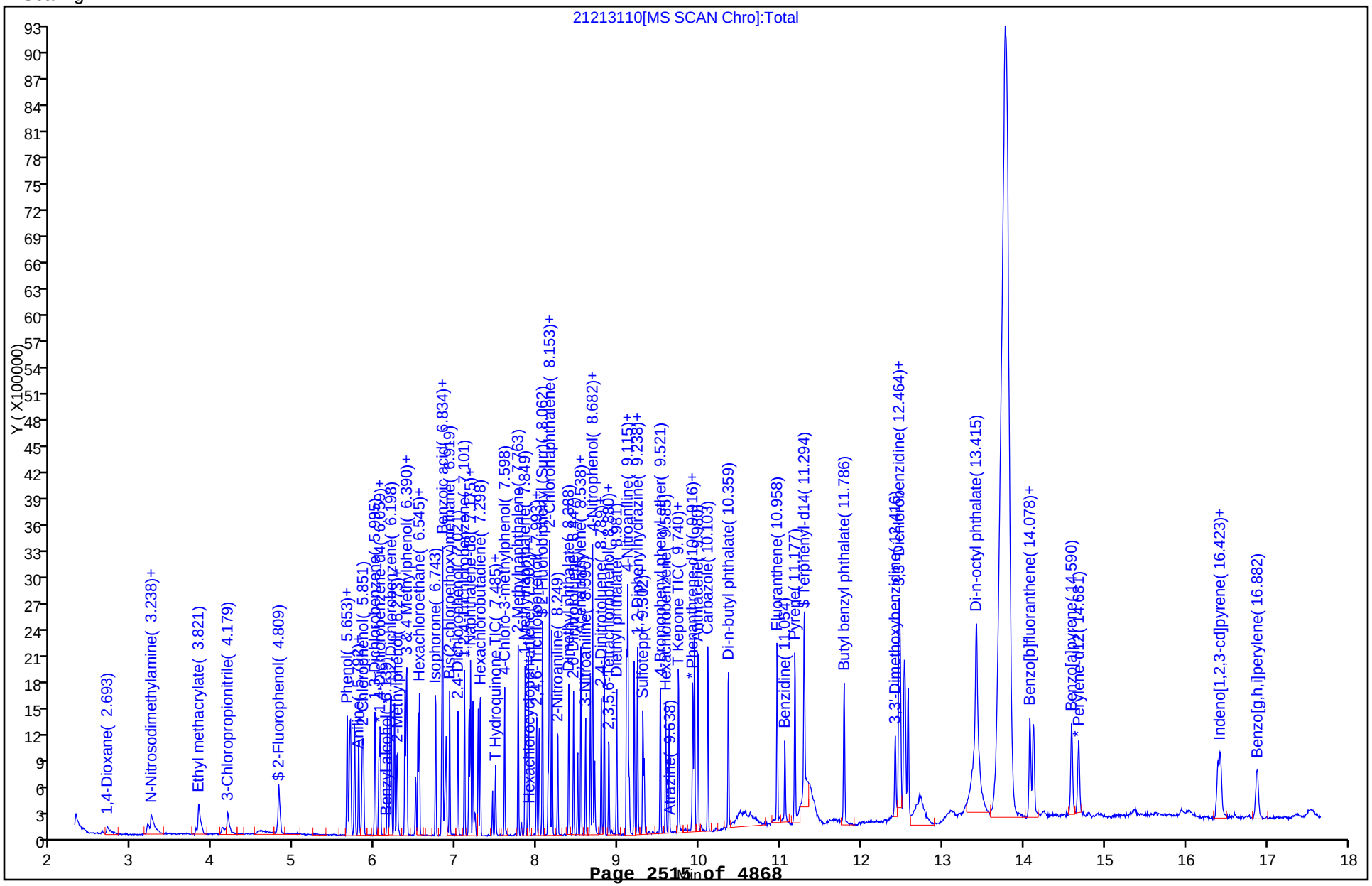
Report Date: 14-Dec-2012 09:41:17 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121213-15814.b\21213110.D

Injection Date:	13-Dec-2012 18:27:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68588	Lims Sample ID:	10
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-68844/3

Matrix: Solid | Lab File ID: 21215003.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/15/2012 12:12

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 68844 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	4.69		0.00020	0.00010	0.00010
208-96-8	Acenaphthylene	4.74		0.00020	0.00010	0.00010
120-12-7	Anthracene	5.14		0.00020	0.00010	0.00010
56-55-3	Benzo[a]anthracene	5.04		0.00020	0.00010	0.00010
50-32-8	Benzo[a]pyrene	5.25		0.00020	0.00010	0.00010
205-99-2	Benzo[b]fluoranthene	4.95		0.00020	0.00010	0.00010
191-24-2	Benzo[g,h,i]perylene	5.23		0.00020	0.00010	0.00010
65-85-0	Benzoic acid	7.40		0.025	0.010	0.010
207-08-9	Benzo[k]fluoranthene	5.28		0.00020	0.00010	0.00010
100-51-6	Benzyl alcohol	5.14		0.0050	0.00080	0.00038
111-91-1	Bis(2-chloroethoxy)methane	5.01		0.0010	0.00080	0.00032
111-44-4	Bis(2-chloroethyl)ether	5.46		0.0010	0.00010	0.00010
117-81-7	Bis(2-ethylhexyl) phthalate	4.93		0.0020	0.00080	0.00080
101-55-3	4-Bromophenyl phenyl ether	5.15		0.0020	0.00080	0.00080
85-68-7	Butyl benzyl phthalate	5.02		0.0010	0.00080	0.00080
86-74-8	Carbazole	4.91		0.0010	0.00080	0.00028
59-50-7	4-Chloro-3-methylphenol	4.98		0.0020	0.00080	0.00080
91-58-7	2-Chloronaphthalene	4.84		0.0010	0.00010	0.00010
95-57-8	2-Chlorophenol	5.48		0.0010	0.00080	0.00029
7005-72-3	4-Chlorophenyl phenyl ether	4.63		0.0020	0.00080	0.00030
218-01-9	Chrysene	5.21		0.00020	0.00010	0.00010
53-70-3	Dibenz(a,h)anthracene	4.75		0.00020	0.00010	0.00010
132-64-9	Dibenzofuran	4.87		0.0010	0.00010	0.00010
106-46-7	1,4-Dichlorobenzene	5.34		0.0010	0.00080	0.00034
95-50-1	1,2-Dichlorobenzene	5.32		0.0010	0.00080	0.00029
541-73-1	1,3-Dichlorobenzene	5.21		0.0010	0.00080	0.00080
91-94-1	3,3'-Dichlorobenzidine	5.27		0.0050	0.00080	0.00037
120-83-2	2,4-Dichlorophenol	4.83		0.0020	0.00080	0.00080
84-66-2	Diethyl phthalate	4.70		0.0010	0.00080	0.00060
105-67-9	2,4-Dimethylphenol	5.00		0.0020	0.00080	0.00080
131-11-3	Dimethyl phthalate	4.79		0.0010	0.00080	0.00029
84-74-2	Di-n-butyl phthalate	4.69		0.0010	0.00080	0.00067
534-52-1	4,6-Dinitro-2-methylphenol	4.89		0.0050	0.0024	0.0024
51-28-5	2,4-Dinitrophenol	7.94		0.0050	0.0024	0.0024

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-68844/3

Matrix: Solid | Lab File ID: 21215003.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/15/2012 12:12

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 68844 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
121-14-2	2,4-Dinitrotoluene	4.95		0.0050	0.00080	0.00027
606-20-2	2,6-Dinitrotoluene	4.90		0.0050	0.00080	0.00080
117-84-0	Di-n-octyl phthalate	4.52		0.0010	0.00080	0.00080
206-44-0	Fluoranthene	5.10		0.00020	0.00010	0.00010
86-73-7	Fluorene	4.65		0.00020	0.00010	0.00010
118-74-1	Hexachlorobenzene	5.32		0.00020	0.00010	0.00010
87-68-3	Hexachlorobutadiene	5.04		0.0010	0.00080	0.00027
77-47-4	Hexachlorocyclopentadiene	4.48		0.010	0.00080	0.00080
67-72-1	Hexachloroethane	5.38		0.0010	0.00080	0.00080
193-39-5	Indeno[1,2,3-cd]pyrene	4.94		0.00020	0.00010	0.00010
78-59-1	Isophorone	5.16		0.0010	0.00080	0.00027
91-57-6	2-Methylnaphthalene	4.78		0.00020	0.00010	0.00010
95-48-7	2-Methylphenol	5.32		0.0010	0.00080	0.00080
15831-10-4	3 & 4 Methylphenol	5.29		0.0020	0.00080	0.00080
91-20-3	Naphthalene	4.74		0.00020	0.00010	0.00010
88-74-4	2-Nitroaniline	5.29		0.0020	0.00080	0.00080
99-09-2	3-Nitroaniline	4.97		0.0020	0.00080	0.00028
100-01-6	4-Nitroaniline	5.30		0.0020	0.00080	0.00080
98-95-3	Nitrobenzene	5.06		0.0010	0.00010	0.000040
88-75-5	2-Nitrophenol	5.12		0.0020	0.00080	0.00028
100-02-7	4-Nitrophenol	3.83		0.0050	0.0024	0.0024
621-64-7	N-Nitrosodi-n-propylamine	5.66		0.0010	0.00080	0.00080
86-30-6	N-Nitrosodiphenylamine	5.28		0.0010	0.00080	0.00031
87-86-5	Pentachlorophenol	8.49		0.0050	0.0024	0.0024
85-01-8	Phenanthrene	4.88		0.00020	0.00010	0.00010
108-95-2	Phenol	5.46		0.0010	0.00080	0.00060
129-00-0	Pyrene	4.93		0.00020	0.00010	0.00010
120-82-1	1,2,4-Trichlorobenzene	4.78		0.0010	0.00080	0.00028
95-95-4	2,4,5-Trichlorophenol	4.64		0.0050	0.00080	0.00030
88-06-2	2,4,6-Trichlorophenol	4.58		0.0050	0.00080	0.00080

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-68844/3

Matrix: Solid | Lab File ID: 21215003.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/15/2012 12:12

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 68844 | Units: ng/uL

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	91		50-150
367-12-4	2-Fluorophenol (Surr)	110	Q	50-150
4165-60-0	Nitrobenzene-d5 (Surr)	104	Q	50-150
1718-51-0	Terphenyl-d14 (Surr)	103		50-150
118-79-6	2,4,6-Tribromophenol (Surr)	109		50-150
4165-62-2	Phenol-d5 (Surr)	112	Q	50-150

Report Date: 17-Dec-2012 09:53:15 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121215-15876.b\21215003.D
Lims ID: mrl qc Client ID:
Inject. Date: 15-Dec-2012 12:12:30 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0015876-003
Misc. Info.: MRL QC =MRL QC
Operator: 001574 Instrument ID: A4HP9
Injection Vol: 1.0 ul ALS Bottle#: 3
Lims Batch ID: 68844 Lims Sample ID: 3
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121215-15876.b\8270 _9.m
Last Update: 17-Dec-2012 09:53:13 Calib Date: 13-Dec-2012 11:31:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121213-15797.b\21213010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: 5% phenyl Column Dia: 0.18 mm
Process Host: XAWRK007

First Level Reviewer: ulmanm Date: 15-Dec-2012 12:56:19

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.988	5.986	0.002	87	103559	4.00	
* 2 Naphthalene-d8	136	7.105	7.102	0.003	98	436991	4.00	
* 3 Acenaphthene-d10	164	8.601	8.603	-0.002	72	274925	4.00	
* 4 Phenanthrene-d10	188	9.861	9.864	-0.003	76	446965	4.00	
* 5 Chrysene-d12	240	12.447	12.450	-0.003	81	456788	4.00	
* 6 Perylene-d12	264	14.563	14.560	0.003	81	355968	4.00	
$ 7 2-Fluorophenol	112	4.738	4.736	0.002	94	208244	5.50	
$ 8 Phenol-d5	99	5.630	5.628	0.002	0	307469	5.60	
$ 9 Nitrobenzene-d5	82	6.475	6.472	0.003	82	384787	5.19	
$ 10 2-Fluorobiphenyl (Surr)	172	8.013	8.010	0.003	99	480572	4.54	
$ 11 2,4,6-Tribromophenol	330	9.268	9.266	0.002	72	45216	5.43	
$ 12 Terphenyl-d14	244	11.224	11.226	-0.002	95	472704	5.15	
19 Octachlorostyrene	1		0.000					
20 Dimethylformamide	1		0.000					
18 Bis(4-hydroxyphenyl)methane	1		0.000					
13 Octachlorocyclopentene	1		0.000					
23 2,5-Dichlorophenol	1		0.000					
22 Bis(2-hydroxyphenyl)methane	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
25 1,4-Dioxane	88	2.521	2.524	-0.003	82	95865	5.17	
35 Acrylamide	71		2.744					
26 N-Nitrosodimethylamine	74	3.013	3.010	0.003	76	142336	6.09	
27 Pyridine	79	3.066	3.064	0.002	90	253925	5.16	
42 Phenylmercaptan	110		3.596					
28 Ethyl methacrylate	69	3.707	3.705	0.002	83	251945	5.55	
232 1-Methyl-2-pyrrilidinone	99		3.880					
29 3-Chloropropionitrile	54	4.081	4.084	-0.003	88	131891	6.54	
52 Indene	115		4.084					
31 2-Picoline	93		4.193					
32 N-Nitrosomethylethylamine	88		4.326					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
33 Malononitrile	66		4.463					
17 4-Chlorophenol	128		4.500					
24 Catechol	110		4.592					9
34 Methyl methanesulfonate	80		4.647					9
30 3-Picoline	93		4.705					9
233 n,n'-Dimethylacetamide	44		4.727					
15 3-Methylcatechol	124		4.913					
14 4-Methylcatechol	124		5.036					
81 Benzothiazole	135		5.046					
36 N-Nitrosodiethylamine	102		5.047					
82 Quinoline	129		5.099					
37 Ethyl methanesulfonate	79		5.331					9
38 2-Methylcyclohexanone	68		5.544					
39 3-Methylcyclohexanone	69		5.582					
41 Benzaldehyde	77	5.593	5.590	0.003	87	315392	5.72	
40 4-Methylcyclohexanone	55		5.630					
43 Phenol	94	5.641	5.644	-0.003	97	341606	5.46	
44 Aniline	93	5.684	5.687	-0.003	93	422043	5.57	
96 3,4-Dichloronitrobenzene	109		5.725					
69 Bis(2-chloroethyl)ether	93	5.737	5.740	-0.003	95	313767	5.46	
101 Phenyl ether	170		5.773					
46 2-Chlorophenol	128	5.796	5.793	0.003	89	192295	5.48	
45 Pentachloroethane	167		5.795					
47 1,3-Dichlorobenzene	146	5.940	5.938	0.002	81	240613	5.21	
48 1,4-Dichlorobenzene	146	6.004	6.002	0.002	79	208660	5.34	
49 Benzyl alcohol	108	6.095	6.098	-0.003	83	139167	5.14	
50 1,2-Dichlorobenzene	146	6.138	6.141	-0.003	79	234154	5.32	
51 2-Methylphenol	108	6.186	6.189	-0.003	92	208704	5.32	
53 2,2'-oxybis[1-chloropropane]	45	6.218	6.216	0.002	94	321077	5.67	
21 3 & 4 Methylphenol	108	6.314	6.317	-0.003	93	222568	5.29	
57 N-Nitrosodi-n-propylamine	70	6.325	6.328	-0.003	70	236556	5.66	
58 Acetophenone	105	6.336	6.338	-0.002	90	342006	5.43	
56 N-Nitrosopyrrolidine	100		6.367					9
59 N-Nitrosomorpholine	56		6.399					9
60 2-Toluidine	106		6.420					9
61 Hexachloroethane	117	6.442	6.445	-0.003	89	108378	5.38	
62 Nitrobenzene	77	6.491	6.488	0.003	73	400740	5.06	
63 N-Nitrosopiperidine	114		6.677					
64 Isophorone	82	6.694	6.691	0.003	95	594802	5.16	
66 2-Nitrophenol	139	6.768	6.766	0.002	87	97247	5.12	
67 1,3,5-Trichlorobenzene	180	6.779	6.776	0.003	86	202751	4.80	
65 2,4-Dimethylphenol	107	6.784	6.782	0.002	94	248325	5.00	
71 Benzoic acid	122	6.832	6.846	-0.014	84	155484	7.40	
70 Bis(2-chloroethoxy)methane	93	6.865	6.867	-0.002	98	380566	5.01	
68 o,o',o''-Triethylphosphorothioat	198		6.890					
73 2,4-Dichlorophenol	162	6.971	6.969	0.002	87	139764	4.83	
72 alpha,alpha-Dimethyl phenethylam	58		7.013					9
74 1,2,4-Trichlorobenzene	180	7.051	7.049	0.002	83	197936	4.78	
75 Naphthalene	128	7.121	7.124	-0.003	79	528084	4.74	
76 4-Chloroaniline	127	7.153	7.156	-0.003	76	216605	4.79	
77 2,6-Dichlorophenol	162		7.216					9
79 Hexachlorobutadiene	225	7.217	7.220	-0.003	85	114258	5.04	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
80 1,2,3-Trichlorobenzene	180		7.241					
78 Hexachloropropene	213		7.248					
84 Caprolactam	113	7.431	7.439	-0.008	77	70420	6.24	
83 N-Nitrosodi-n-butylamine	84		7.478					
85 p-Phenylene diamine	108		7.505					9
86 4-Chloro-3-methylphenol	107	7.548	7.551	-0.003	81	213068	4.98	
153 Diphenylsulfone	125		7.616					9
94 Safrole, Total	162		7.670					
87 2-Methylnaphthalene	142	7.709	7.711	-0.002	85	358106	4.78	
88 1-Methylnaphthalene	142	7.799	7.797	0.002	81	334100	4.86	
90 1,2,3,5-Tetrachlorobenzene	216	7.837	7.840	-0.003	81	197976	4.77	
89 Hexachlorocyclopentadiene	237	7.842	7.840	0.002	71	117066	4.48	
91 1,2,4,5-Tetrachlorobenzene	216	7.837	7.905	-0.068	84	197976	5.63	
225 Isosafrole Peak 1	162		7.921					
92 2,4,6-Trichlorophenol	196	7.944	7.941	0.003	86	103832	4.58	
93 2,4,5-Trichlorophenol	196	7.976	7.973	0.003	89	111805	4.64	
97 2,4-Toluene diamine	121	8.083	8.085	-0.002	96	110444	5.31	
99 1,2,3,4 -Tetrachlorobenzene	216	8.093	8.096	-0.003	88	198361	0	
98 1,1'-Biphenyl	154	8.104	8.101	0.003	96	441321	4.69	
227 Isosafrole Peak 2	162		8.114					9
100 2-Chloronaphthalene	162	8.131	8.128	0.003	97	411212	4.84	
102 2-Nitroaniline	65	8.200	8.203	-0.003	69	170829	5.29	
103 1,4-Naphthoquinone	158		8.322					
105 Dimethyl phthalate	163	8.339	8.336	0.003	93	394719	4.79	
104 1,4-Dinitrobenzene	168		8.365					
107 2,6-Dinitrotoluene	165	8.398	8.395	0.003	77	101228	4.90	
106 1,3-Dinitrobenzene	168		8.424					
108 1,2-Dinitrobenzene	168	8.446	8.449	-0.002	80	52636	4.97	
109 Acenaphthylene	152	8.483	8.486	-0.003	92	567428	4.74	
110 3-Nitroaniline	138	8.542	8.545	-0.003	84	95775	4.97	
112 Acenaphthene	153	8.627	8.630	-0.003	92	361941	4.69	
111 2,4-Dinitrophenol	184	8.633	8.630	0.003	68	90614	7.94	
113 4-Nitrophenol	109	8.665	8.662	0.003	82	58573	3.83	
114 2,4-Dinitrotoluene	165	8.740	8.737	0.003	73	139270	4.95	
116 Dibenzofuran	168	8.772	8.774	-0.002	85	512027	4.87	
115 Pentachlorobenzene	250		8.792					9
118 2,3,5,6-Tetrachlorophenol	232	8.830	8.833	-0.003	80	83805	4.24	
117 1-Naphthylamine	143		8.888					9
119 2,3,4,6-Tetrachlorophenol	232	8.830	8.920	-0.090	67	83805	4.82	
121 Diethyl phthalate	149	8.927	8.929	-0.002	93	387171	4.70	
120 2-Naphthylamine	143		8.958					9
123 4-Chlorophenyl phenyl ether	204	9.049	9.047	0.002	93	233817	4.63	
122 Thionazin	97		9.054					
125 4-Nitroaniline	138	9.060	9.063	-0.003	79	110000	5.30	
126 Fluorene	166	9.065	9.063	0.002	80	411771	4.65	
128 4,6-Dinitro-2-methylphenol	198	9.082	9.084	-0.002	67	66559	4.89	
124 N-Nitro-o-toluidine	152		9.113					
127 Tributyl phosphate	99		9.139					9
131 N-Nitrosodiphenylamine	169	9.146	9.143	0.003	96	313077	5.28	
132 1,2-Diphenylhydrazine	77	9.183	9.180	0.003	100	779147	5.44	
133 Azobenzene	77	9.183	9.180	0.003	93	778661	5.44	
130 Diphenylamine	169	9.146	9.198	-0.052	94	313077	4.39	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
176 Hexabromobenzene	232		9.208					
134 Sulfotepp	202	9.252	9.305	-0.053	75	47504	4.92	
135 1,3,5-Trinitrobenzene	213		9.391					
228 Diallate Peak 1	86		9.433					9
137 Phenacetin	108		9.433					9
138 Phorate	121		9.444					9
139 4-Bromophenyl phenyl ether	248	9.466	9.464	0.002	67	126569	5.15	
230 Diallate Peak 2	86		9.513					9
141 Hexachlorobenzene	284	9.530	9.533	-0.003	75	128991	5.32	
142 Atrazine	200	9.573	9.576	-0.003	81	89791	5.13	
179 6-Methylchrysene	242		9.576					
140 Dimethoate	87		9.588					9
143 Pentachlorophenol	266	9.691	9.688	0.002	78	126227	8.49	
129 4-Aminobiphenyl	169		9.738					9
145 Pentachloronitrobenzene	237		9.754					9
144 Pronamide	173		9.759					
147 Dinoseb	211		9.877					
146 Disulfoton	88		9.882					9
148 Phenanthrene	178	9.883	9.886	-0.003	86	596710	4.88	
149 Anthracene	178	9.926	9.928	-0.002	85	605500	5.14	
150 DFTPP								
151 Carbazole	167	10.048	10.051	-0.003	83	547201	4.91	
152 Methyl parathion	109		10.203					
154 Di-n-butyl phthalate	149	10.305	10.302	0.003	99	646550	4.69	
155 Ethyl Parathion	97		10.523					
156 4-Nitroquinoline-1-oxide	190		10.582					
157 Methapyrilene	58		10.625					
158 Isodrin	66		10.828					
159 Fluoranthene	202	10.898	10.895	0.003	83	666760	5.10	
160 Benzidine	184	10.994	10.991	0.003	87	238378	4.37	
161 Pyrene	202	11.112	11.114	-0.002	69	675568	4.93	
166 4,4'-DDE	246		11.164					9
226 Aramite Peak 1	185		11.244					9
229 Aramite Peak 2	185		11.319					9
163 p-Dimethylamino azobenzene	225		11.431					
164 Chlorobenzilate	139		11.463					
165 4,4'-DDD	235		11.580					
168 Butyl benzyl phthalate	149	11.710	11.713	-0.003	87	287601	5.02	
187 Dibenz[a,h]acridine	279		11.729					
167 Famphur	218		11.736					
169 3,3'-Dimethylbenzidine	212		11.794					
186 Dibenz[a,j]acridine	279		11.804					
170 4,4'-DDT	235		11.843					9
171 2-Acetylaminofluorene	181		12.094					
172 3,3'-Dimethoxybenzidine	244	12.335	12.332	0.003	85	129612	4.87	
174 4,4'-Methylene bis(2-chloroanili	231	12.378	12.380	-0.002	69	116908	5.07	
175 3,3'-Dichlorobenzidine	252	12.378	12.380	-0.002	73	225627	5.27	
173 Bis(2-ethylhexyl) phthalate	149	12.394	12.396	-0.002	94	407755	4.93	
177 Benzo[a]anthracene	228	12.436	12.439	-0.003	82	637808	5.04	
178 Chrysene	228	12.484	12.487	-0.003	84	607992	5.21	
180 Di-n-octyl phthalate	149	13.318	13.321	-0.003	99	596748	4.52	
182 Benzo[b]fluoranthene	252	13.970	13.972	-0.002	82	546745	4.95	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
183 Benzo[k]fluoranthene	252	14.012	14.015	-0.003	82	578032	5.28	
181 7,12-Dimethylbenz(a)anthracene	256		14.065					
184 Benzo[a]pyrene	252	14.477	14.480	-0.003	77	520649	5.25	
185 3-Methylcholanthrene	268		15.139					
188 Indeno[1,2,3-cd]pyrene	276	16.251	16.253	-0.002	77	539744	4.94	
189 Dibenz(a,h)anthracene	278	16.283	16.285	-0.002	60	437057	4.75	
190 Benzo[g,h,i]perylene	276	16.715	16.723	-0.008	75	473000	5.23	
S 191 Methyl Phenols,Total	100				0		10.6	
S 95 Isosafrole	162		5.568					7
S 136 Diallate	86		6.701					7
S 162 Aramite, Total	185		8.271					7
T 192 Octadecane (TIC)	57		0.000					1
T 195 Hydroquinone TIC	110	7.409	0.0	7.409	80	69352	0	
T 194 Decane TIC	57		0.000					1
T 240 Trimethyl phosphate TIC	110		3.120					1
T 234 2-Isopropylphenol TIC	121		4.623					1
T 236 3-isopropylphenol TIC	121		4.756					1
T 235 4-isopropylphenol TIC	121		4.756					1
T 193 Hexamethylphosphoramide TIC	135		5.100					1
T 237 3-(1,1-Dimethylethyl Phenol) TIC	135		5.110					1
T 196 Kepone TIC	272	7.842	8.282	-0.439	1	13588	0.1190	
T 242 Triphenyl Phosphate TIC	326		8.700					1
T 238 2,3,7,8-TCDD TIC	1		9.000					1
T 231 2,3,7,8-TCDD	322	9.252	9.150	0.102	1	50466	0	
T 197 Hexachlorophene TIC	198	11.224	9.271	1.955	0	13978	0.1571	
T 241 Tricresyl phosphate TIC	368		9.372					1
T 239 Tris(2,3-dibromopropyl)phosphate	201		10.600					1

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

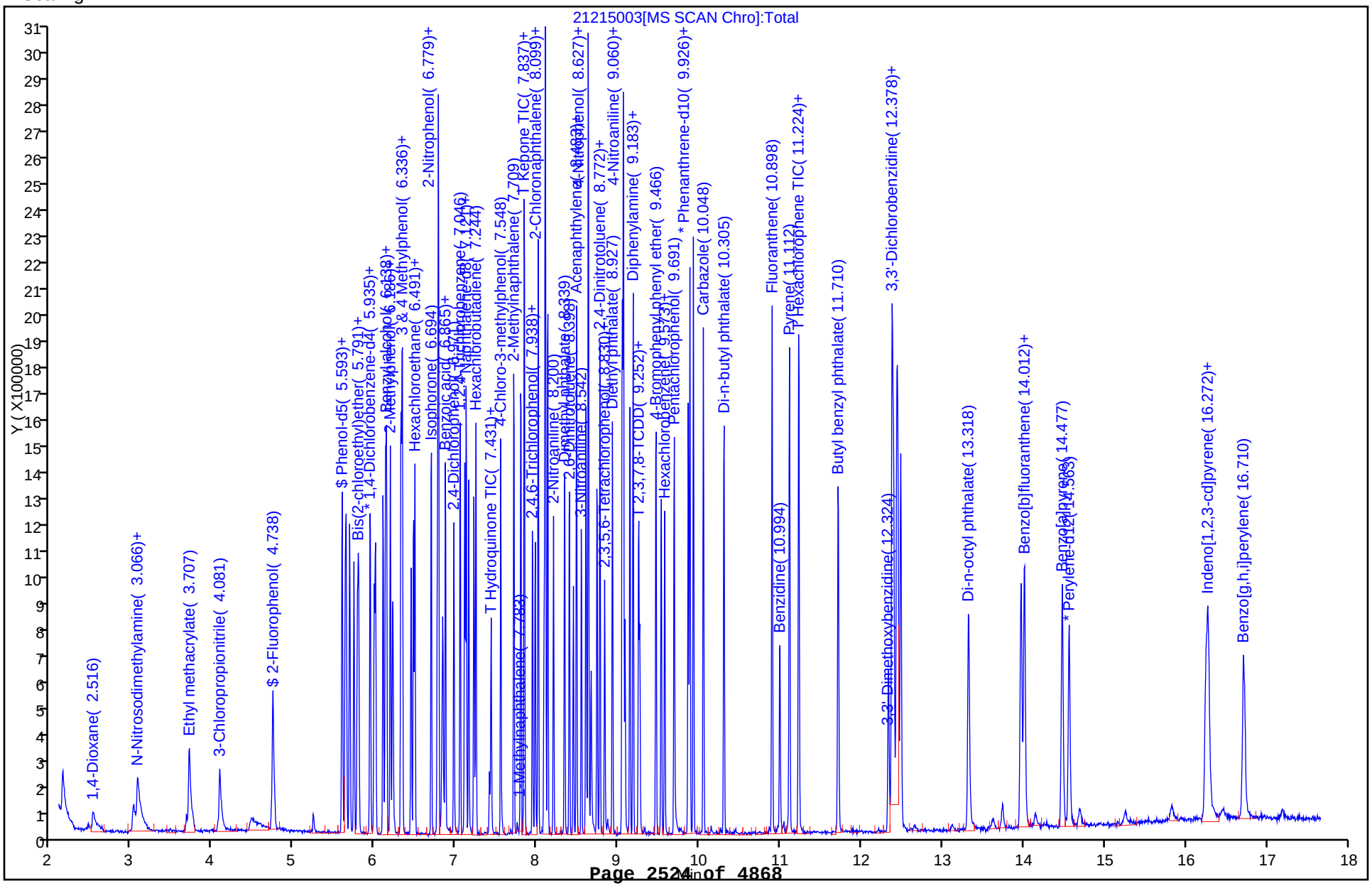
Report Date: 17-Dec-2012 09:53:15 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121215-15876.b\21215003.D

Injection Date:	15-Dec-2012 12:12:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68844	Lims Sample ID:	3
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-68844/9

Matrix: Solid | Lab File ID: 21215009.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/15/2012 14:57

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 68844 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	4.62		0.00020	0.00010	0.00010
208-96-8	Acenaphthylene	4.76		0.00020	0.00010	0.00010
120-12-7	Anthracene	5.08		0.00020	0.00010	0.00010
56-55-3	Benzo[a]anthracene	4.89		0.00020	0.00010	0.00010
50-32-8	Benzo[a]pyrene	5.05		0.00020	0.00010	0.00010
205-99-2	Benzo[b]fluoranthene	4.75		0.00020	0.00010	0.00010
191-24-2	Benzo[g,h,i]perylene	4.38		0.00020	0.00010	0.00010
65-85-0	Benzoic acid	6.26	^	0.025	0.010	0.010
207-08-9	Benzo[k]fluoranthene	5.01		0.00020	0.00010	0.00010
100-51-6	Benzyl alcohol	5.15		0.0050	0.00080	0.00038
111-91-1	Bis(2-chloroethoxy)methane	5.11		0.0010	0.00080	0.00032
111-44-4	Bis(2-chloroethyl)ether	5.35		0.0010	0.00010	0.00010
117-81-7	Bis(2-ethylhexyl) phthalate	5.38		0.0020	0.00080	0.00080
101-55-3	4-Bromophenyl phenyl ether	5.15		0.0020	0.00080	0.00080
85-68-7	Butyl benzyl phthalate	5.39		0.0010	0.00080	0.00080
86-74-8	Carbazole	4.87		0.0010	0.00080	0.00028
59-50-7	4-Chloro-3-methylphenol	5.00		0.0020	0.00080	0.00080
91-58-7	2-Chloronaphthalene	4.76		0.0010	0.00010	0.00010
95-57-8	2-Chlorophenol	5.43		0.0010	0.00080	0.00029
7005-72-3	4-Chlorophenyl phenyl ether	4.74		0.0020	0.00080	0.00030
218-01-9	Chrysene	4.98		0.00020	0.00010	0.00010
53-70-3	Dibenz(a,h)anthracene	4.45		0.00020	0.00010	0.00010
132-64-9	Dibenzofuran	4.64		0.0010	0.00010	0.00010
106-46-7	1,4-Dichlorobenzene	5.10		0.0010	0.00080	0.00034
95-50-1	1,2-Dichlorobenzene	5.32		0.0010	0.00080	0.00029
541-73-1	1,3-Dichlorobenzene	5.22		0.0010	0.00080	0.00080
91-94-1	3,3'-Dichlorobenzidine	5.17		0.0050	0.00080	0.00037
120-83-2	2,4-Dichlorophenol	4.94		0.0020	0.00080	0.00080
84-66-2	Diethyl phthalate	4.78		0.0010	0.00080	0.00060
105-67-9	2,4-Dimethylphenol	5.06		0.0020	0.00080	0.00080
131-11-3	Dimethyl phthalate	4.57		0.0010	0.00080	0.00029
84-74-2	Di-n-butyl phthalate	5.00		0.0010	0.00080	0.00067
534-52-1	4,6-Dinitro-2-methylphenol	4.29		0.0050	0.0024	0.0024
51-28-5	2,4-Dinitrophenol	5.31	^	0.0050	0.0024	0.0024

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-68844/9

Matrix: Solid | Lab File ID: 21215009.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/15/2012 14:57

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 68844 | Units: ng/uL

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
121-14-2	2,4-Dinitrotoluene	5.07		0.0050	0.00080	0.00027
606-20-2	2,6-Dinitrotoluene	4.81		0.0050	0.00080	0.00080
117-84-0	Di-n-octyl phthalate	5.51		0.0010	0.00080	0.00080
206-44-0	Fluoranthene	4.78		0.00020	0.00010	0.00010
86-73-7	Fluorene	4.58		0.00020	0.00010	0.00010
118-74-1	Hexachlorobenzene	5.09		0.00020	0.00010	0.00010
87-68-3	Hexachlorobutadiene	4.73		0.0010	0.00080	0.00027
77-47-4	Hexachlorocyclopentadiene	0.468	^	0.010	0.00080	0.00080
67-72-1	Hexachloroethane	2.92	^	0.0010	0.00080	0.00080
193-39-5	Indeno[1,2,3-cd]pyrene	4.56		0.00020	0.00010	0.00010
78-59-1	Isophorone	5.25		0.0010	0.00080	0.00027
91-57-6	2-Methylnaphthalene	4.77		0.00020	0.00010	0.00010
95-48-7	2-Methylphenol	5.61		0.0010	0.00080	0.00080
15831-10-4	3 & 4 Methylphenol	5.47		0.0020	0.00080	0.00080
91-20-3	Naphthalene	4.84		0.00020	0.00010	0.00010
88-74-4	2-Nitroaniline	5.06		0.0020	0.00080	0.00080
99-09-2	3-Nitroaniline	5.04		0.0020	0.00080	0.00028
100-01-6	4-Nitroaniline	4.99		0.0020	0.00080	0.00080
98-95-3	Nitrobenzene	5.23		0.0010	0.00010	0.000040
88-75-5	2-Nitrophenol	5.02		0.0020	0.00080	0.00028
100-02-7	4-Nitrophenol	3.48		0.0050	0.0024	0.0024
621-64-7	N-Nitrosodi-n-propylamine	5.49		0.0010	0.00080	0.00080
86-30-6	N-Nitrosodiphenylamine	5.00		0.0010	0.00080	0.00031
87-86-5	Pentachlorophenol	6.11	^	0.0050	0.0024	0.0024
85-01-8	Phenanthrene	4.72		0.00020	0.00010	0.00010
108-95-2	Phenol	5.58		0.0010	0.00080	0.00060
129-00-0	Pyrene	4.97		0.00020	0.00010	0.00010
120-82-1	1,2,4-Trichlorobenzene	4.76		0.0010	0.00080	0.00028
95-95-4	2,4,5-Trichlorophenol	4.52		0.0050	0.00080	0.00030
88-06-2	2,4,6-Trichlorophenol	4.49		0.0050	0.00080	0.00080

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: | Lab Sample ID: MRL 240-68844/9

Matrix: Solid | Lab File ID: 21215009.D

Analysis Method: 8270C/DoD | Date Collected:

Extract. Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 12/15/2012 14:57

Con. Extract Vol.: | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 68844 | Units: ng/uL

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	90		50-150
367-12-4	2-Fluorophenol (Surr)	108	Q	50-150
4165-60-0	Nitrobenzene-d5 (Surr)	104	Q	50-150
1718-51-0	Terphenyl-d14 (Surr)	101		50-150
118-79-6	2,4,6-Tribromophenol (Surr)	95		50-150
4165-62-2	Phenol-d5 (Surr)	116	Q	50-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121215-15876.b\21215009.D
Lims ID: mrl qccl Client ID:
Inject. Date: 15-Dec-2012 14:57:30 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0015876-009
Misc. Info.: MRL QCCL =MRL QCCL
Operator: 001574 Instrument ID: A4HP9
Injection Vol: 1.0 ul ALS Bottle#: 9
Lims Batch ID: 68844 Lims Sample ID: 9
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121215-15876.b\8270 _9.m
Last Update: 17-Dec-2012 09:53:13 Calib Date: 13-Dec-2012 11:31:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121213-15797.b\21213010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: 5% phenyl Column Dia: 0.18 mm
Process Host: XAWRK007

First Level Reviewer: ulmanm Date: 17-Dec-2012 08:02:29

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.989	5.986	0.003	86	107744	4.00	
* 2 Naphthalene-d8	136	7.105	7.102	0.003	99	461626	4.00	
* 3 Acenaphthene-d10	164	8.601	8.603	-0.002	68	293402	4.00	
* 4 Phenanthrene-d10	188	9.862	9.864	-0.002	77	475762	4.00	
* 5 Chrysene-d12	240	12.453	12.450	0.003	77	478691	4.00	
* 6 Perylene-d12	264	14.563	14.560	0.003	80	400142	4.00	
$ 7 2-Fluorophenol	112	4.738	4.736	0.002	92	213022	5.41	
$ 8 Phenol-d5	99	5.631	5.628	0.003	0	330053	5.78	
$ 9 Nitrobenzene-d5	82	6.475	6.472	0.003	85	409096	5.22	
$ 10 2-Fluorobiphenyl (Surr)	172	8.013	8.010	0.003	95	505948	4.48	
$ 11 2,4,6-Tribromophenol	330	9.269	9.266	0.003	72	42044	4.73	
$ 12 Terphenyl-d14	244	11.224	11.226	-0.002	94	484305	5.04	
19 Octachlorostyrene	1		0.000					
20 Dimethylformamide	1		0.000					
18 Bis(4-hydroxyphenyl)methane	1		0.000					
13 Octachlorocyclopentene	1		0.000					
23 2,5-Dichlorophenol	1		0.000					
22 Bis(2-hydroxyphenyl)methane	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
25 1,4-Dioxane	88	2.527	2.524	0.003	81	107598	5.60	M
35 Acrylamide	71		2.744					
26 N-Nitrosodimethylamine	74	3.013	3.010	0.003	79	139768	5.78	
27 Pyridine	79	3.066	3.064	0.002	91	276309	5.40	
42 Phenylmercaptan	110		3.596					
28 Ethyl methacrylate	69	3.707	3.705	0.002	83	267252	5.66	
232 1-Methyl-2-pyrrilidinone	99		3.880					
29 3-Chloropropionitrile	54	4.081	4.084	-0.003	84	137751	6.57	
52 Indene	115		4.084					
31 2-Picoline	93		4.193					
32 N-Nitrosomethylethylamine	88		4.326					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
33 Malononitrile	66		4.463					
17 4-Chlorophenol	128		4.500					
24 Catechol	110		4.592					9
34 Methyl methanesulfonate	80		4.647					9
30 3-Picoline	93		4.705					9
233 n,n'-Dimethylacetamide	44		4.727					
15 3-Methylcatechol	124		4.913					
14 4-Methylcatechol	124		5.036					
81 Benzothiazole	135		5.046					
36 N-Nitrosodiethylamine	102		5.047					
82 Quinoline	129		5.099					
37 Ethyl methanesulfonate	79		5.331					9
38 2-Methylcyclohexanone	68		5.544					
39 3-Methylcyclohexanone	69		5.582					
41 Benzaldehyde	77	5.593	5.590	0.003	85	343012	5.98	
40 4-Methylcyclohexanone	55		5.630					
43 Phenol	94	5.641	5.644	-0.003	96	363101	5.58	
44 Aniline	93	5.684	5.687	-0.003	93	431728	5.48	
96 3,4-Dichloronitrobenzene	109		5.725					
69 Bis(2-chloroethyl)ether	93	5.737	5.740	-0.003	94	319611	5.35	
101 Phenyl ether	170		5.773					
46 2-Chlorophenol	128	5.796	5.793	0.003	84	198153	5.43	
45 Pentachloroethane	167		5.795					
47 1,3-Dichlorobenzene	146	5.940	5.938	0.002	91	251051	5.22	
48 1,4-Dichlorobenzene	146	6.005	6.002	0.003	73	207154	5.10	
49 Benzyl alcohol	108	6.095	6.098	-0.003	82	144938	5.15	
50 1,2-Dichlorobenzene	146	6.138	6.141	-0.003	79	243868	5.32	
51 2-Methylphenol	108	6.186	6.189	-0.003	94	229020	5.61	
53 2,2'-oxybis[1-chloropropane]	45	6.218	6.216	0.002	93	352721	5.99	
21 3 & 4 Methylphenol	108	6.314	6.317	-0.003	94	239322	5.47	
57 N-Nitrosodi-n-propylamine	70	6.325	6.328	-0.003	75	238819	5.49	
58 Acetophenone	105	6.336	6.338	-0.002	89	361463	5.52	
56 N-Nitrosopyrrolidine	100		6.367					
59 N-Nitrosomorpholine	56		6.399					
60 2-Toluidine	106		6.420					9
61 Hexachloroethane	117	6.443	6.445	-0.002	92	61136	2.92	
62 Nitrobenzene	77	6.491	6.488	0.003	73	437125	5.23	
63 N-Nitrosopiperidine	114		6.677					
64 Isophorone	82	6.688	6.691	-0.003	95	639651	5.25	
66 2-Nitrophenol	139	6.768	6.766	0.002	84	100663	5.02	
67 1,3,5-Trichlorobenzene	180	6.779	6.776	0.003	86	212938	4.77	
65 2,4-Dimethylphenol	107	6.785	6.782	0.003	90	265618	5.06	
71 Benzoic acid	122	6.833	6.846	-0.013	82	134313	6.26	
70 Bis(2-chloroethoxy)methane	93	6.865	6.867	-0.002	98	409537	5.11	
68 o,o',o''-Triethylphosphorothioat	198		6.890					
73 2,4-Dichlorophenol	162	6.971	6.969	0.002	90	151029	4.94	
72 alpha,alpha-Dimethyl phenethylam	58		7.013					
74 1,2,4-Trichlorobenzene	180	7.046	7.049	-0.003	85	208151	4.76	
75 Naphthalene	128	7.121	7.124	-0.003	97	569736	4.84	
76 4-Chloroaniline	127	7.153	7.156	-0.003	77	239447	5.01	
77 2,6-Dichlorophenol	162		7.216					9
79 Hexachlorobutadiene	225	7.217	7.220	-0.003	86	113158	4.73	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
80 1,2,3-Trichlorobenzene	180	7.244	7.241	0.003	80	201900	0	
78 Hexachloropropene	213		7.248					
84 Caprolactam	113	7.431	7.439	-0.008	78	53328	4.47	
83 N-Nitrosodi-n-butylamine	84		7.478					
85 p-Phenylene diamine	108		7.505					9
86 4-Chloro-3-methylphenol	107	7.548	7.551	-0.003	78	226138	5.00	
153 Diphenylsulfone	125		7.616					9
94 Safrole, Total	162		7.670					
87 2-Methylnaphthalene	142	7.709	7.711	-0.002	85	377971	4.77	
88 1-Methylnaphthalene	142	7.794	7.797	-0.003	76	368611	5.07	
90 1,2,3,5-Tetrachlorobenzene	216	7.837	7.840	-0.003	82	211206	4.77	
89 Hexachlorocyclopentadiene	237	7.842	7.840	0.002	36	13034	0.4676	
91 1,2,4,5-Tetrachlorobenzene	216	7.837	7.905	-0.068	84	211206	5.63	
225 Isosafrole Peak 1	162		7.921					9
92 2,4,6-Trichlorophenol	196	7.938	7.941	-0.003	88	108520	4.49	
93 2,4,5-Trichlorophenol	196	7.976	7.973	0.003	88	116378	4.52	
97 2,4-Toluene diamine	121	8.083	8.085	-0.002	95	78183	3.48	
99 1,2,3,4 -Tetrachlorobenzene	216		8.096					
98 1,1'-Biphenyl	154	8.099	8.101	-0.002	95	474316	4.72	
227 Isosafrole Peak 2	162		8.114					9
100 2-Chloronaphthalene	162	8.131	8.128	0.003	96	432102	4.76	
102 2-Nitroaniline	65	8.200	8.203	-0.003	70	174655	5.06	
103 1,4-Naphthoquinone	158		8.322					
105 Dimethyl phthalate	163	8.339	8.336	0.003	94	401452	4.57	
104 1,4-Dinitrobenzene	168		8.365					
107 2,6-Dinitrotoluene	165	8.398	8.395	0.003	75	105786	4.81	
106 1,3-Dinitrobenzene	168		8.424					
108 1,2-Dinitrobenzene	168	8.446	8.449	-0.002	79	50678	4.51	
109 Acenaphthylene	152	8.483	8.486	-0.003	87	607754	4.76	
110 3-Nitroaniline	138	8.547	8.545	0.002	87	103573	5.04	
112 Acenaphthene	153	8.628	8.630	-0.002	91	380488	4.62	
111 2,4-Dinitrophenol	184	8.633	8.630	0.003	65	58773	5.31	
113 4-Nitrophenol	109	8.665	8.662	0.003	86	56723	3.48	
114 2,4-Dinitrotoluene	165	8.740	8.737	0.003	75	152361	5.07	
116 Dibenzofuran	168	8.772	8.774	-0.002	83	520979	4.64	
115 Pentachlorobenzene	250		8.792					9
118 2,3,5,6-Tetrachlorophenol	232	8.831	8.833	-0.002	84	85899	4.07	
117 1-Naphthylamine	143		8.888					9
119 2,3,4,6-Tetrachlorophenol	232	8.831	8.920	-0.089	72	85899	4.63	
121 Diethyl phthalate	149	8.927	8.929	-0.002	94	420187	4.78	
120 2-Naphthylamine	143		8.958					9
123 4-Chlorophenyl phenyl ether	204	9.050	9.047	0.003	93	255415	4.74	
122 Thionazin	97		9.054					9
125 4-Nitroaniline	138	9.060	9.063	-0.003	80	109935	4.99	
126 Fluorene	166	9.066	9.063	0.003	79	432875	4.58	
128 4,6-Dinitro-2-methylphenol	198	9.082	9.084	-0.002	72	60642	4.29	
124 N-Nitro-o-toluidine	152		9.113					
127 Tributyl phosphate	99		9.139					
131 N-Nitrosodiphenylamine	169	9.146	9.143	0.003	94	315286	5.00	
132 1,2-Diphenylhydrazine	77	9.183	9.180	0.003	100	811714	5.33	
133 Azobenzene	77	9.183	9.180	0.003	93	811714	5.33	
130 Diphenylamine	169	9.146	9.198	-0.052	88	315286	4.16	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
176 Hexabromobenzene	232		9.208					
134 Sulfotepp	202	9.253	9.305	-0.052	76	51663	5.03	
135 1,3,5-Trinitrobenzene	213		9.391					
228 Diallate Peak 1	86		9.433					
137 Phenacetin	108		9.433					9
138 Phorate	121		9.444					
139 4-Bromophenyl phenyl ether	248	9.466	9.464	0.002	70	134750	5.15	
230 Diallate Peak 2	86		9.513					
141 Hexachlorobenzene	284	9.530	9.533	-0.003	74	131513	5.09	
142 Atrazine	200	9.573	9.576	-0.003	81	94707	5.08	
179 6-Methylchrysene	242		9.576					
140 Dimethoate	87		9.588					9
143 Pentachlorophenol	266	9.691	9.688	0.003	79	94243	6.11	
129 4-Aminobiphenyl	169		9.738					9
145 Pentachloronitrobenzene	237		9.754					9
144 Pronamide	173		9.759					9
147 Dinoseb	211		9.877					
146 Disulfoton	88		9.882					9
148 Phenanthrene	178	9.883	9.886	-0.003	83	614214	4.72	
149 Anthracene	178	9.926	9.928	-0.002	86	638101	5.08	
150 DFTPP								
151 Carbazole	167	10.049	10.051	-0.002	83	578191	4.87	
152 Methyl parathion	109		10.203					9
154 Di-n-butyl phthalate	149	10.305	10.302	0.003	99	734483	5.00	
155 Ethyl Parathion	97		10.523					9
156 4-Nitroquinoline-1-oxide	190		10.582					9
157 Methapyrilene	58		10.625					
158 Isodrin	66		10.828					
159 Fluoranthene	202	10.898	10.895	0.003	78	664844	4.78	
160 Benzidine	184	10.994	10.991	0.003	85	274456	4.74	
161 Pyrene	202	11.112	11.114	-0.002	73	714244	4.97	
166 4,4'-DDE	246		11.164					9
226 Aramite Peak 1	185		11.244					
229 Aramite Peak 2	185		11.319					
163 p-Dimethylamino azobenzene	225		11.431					
164 Chlorobenzilate	139		11.463					
165 4,4'-DDD	235		11.580					
168 Butyl benzyl phthalate	149	11.710	11.713	-0.003	84	323576	5.39	
187 Dibenz[a,h]acridine	279		11.729					
167 Famphur	218		11.736					
169 3,3'-Dimethylbenzidine	212		11.794					
186 Dibenz[a,j]acridine	279		11.804					
170 4,4'-DDT	235		11.843					
171 2-Acetylaminofluorene	181		12.094					
172 3,3'-Dimethoxybenzidine	244	12.335	12.332	0.003	88	158320	5.58	
174 4,4'-Methylene bis(2-chloroanili	231	12.378	12.380	-0.002	68	129926	5.38	
175 3,3'-Dichlorobenzidine	252	12.378	12.380	-0.002	74	231981	5.17	
173 Bis(2-ethylhexyl) phthalate	149	12.394	12.396	-0.002	94	466158	5.38	
177 Benzo[a]anthracene	228	12.436	12.439	-0.003	87	648154	4.89	
178 Chrysene	228	12.485	12.487	-0.002	84	608533	4.98	
180 Di-n-octyl phthalate	149	13.318	13.321	-0.003	98	831912	5.51	
182 Benzo[b]fluoranthene	252	13.970	13.972	-0.002	83	590028	4.75	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
183 Benzo[k]fluoranthene	252	14.012	14.015	-0.003	85	616701	5.01	
181 7,12-Dimethylbenz(a)anthracene	256		14.065					
184 Benzo[a]pyrene	252	14.477	14.480	-0.003	77	562383	5.05	
185 3-Methylcholanthrene	268		15.139					
188 Indeno[1,2,3-cd]pyrene	276	16.256	16.253	0.003	81	559191	4.56	
189 Dibenz(a,h)anthracene	278	16.283	16.285	-0.002	59	461190	4.45	
190 Benzo[g,h,i]perylene	276	16.721	16.723	-0.002	73	444890	4.38	
S 191 Methyl Phenols,Total	100				0		11.1	
S 95 Isosafrole	162		5.568					7
S 136 Diallate	86		6.701					7
S 162 Aramite, Total	185		8.271					7
T 192 Octadecane (TIC)	57		0.000					1
T 195 Hydroquinone TIC	110	7.415	0.0	7.415	90	106335	0	
T 194 Decane TIC	57		0.000					1
T 240 Trimethyl phosphate TIC	110		3.120					1
T 234 2-Isopropylphenol TIC	121		4.623					1
T 236 3-isopropylphenol TIC	121		4.756					1
T 235 4-isopropylphenol TIC	121		4.756					1
T 193 Hexamethylphosphoramide TIC	135		5.100					1
T 237 3-(1,1-Dimethylethyl Phenol) TIC	135		5.110					1
T 196 Kepone TIC	272		8.281					
T 242 Triphenyl Phosphate TIC	326		8.700					1
T 238 2,3,7,8-TCDD TIC	1		9.000					1
T 231 2,3,7,8-TCDD	322	9.253	9.150	0.103	0	55343	0	
T 197 Hexachlorophene TIC	198	11.224	9.271	1.955	1	15295	0.1529	
T 241 Tricresyl phosphate TIC	368		9.372					1
T 239 Tris(2,3-dibromopropyl)phosphate	201	11.010	10.601	0.410	0	1698	0	

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

Review Flags
M - Manually Integrated

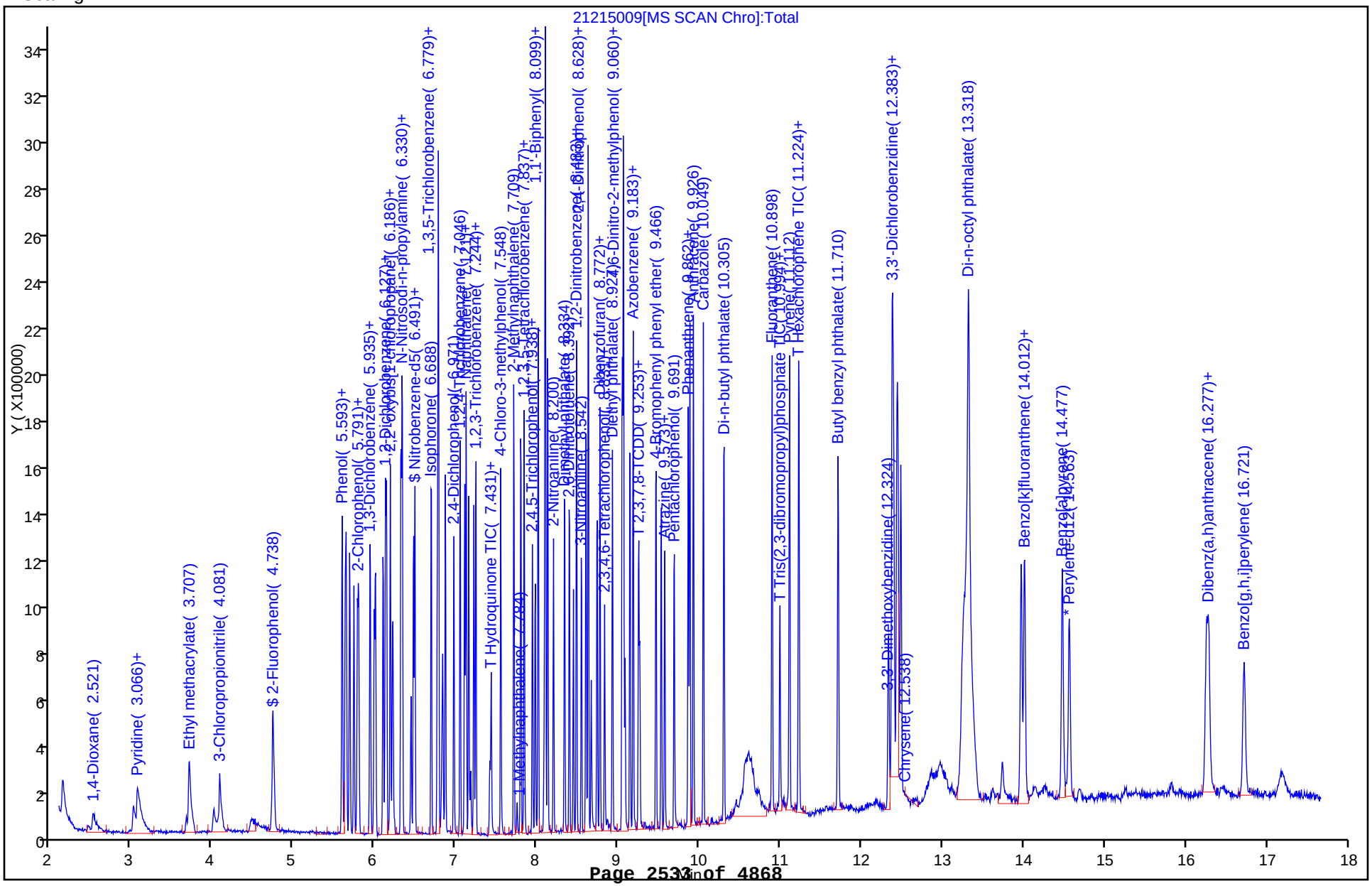
Report Date: 17-Dec-2012 09:53:23 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP9\20121215-15876.b\21215009.D

Injection Date:	15-Dec-2012 14:57:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:		Instrument ID:	A4HP9
Lims Batch ID:	68844	Lims Sample ID:	9
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: 068SS-0003M-0001-SO MS | Lab Sample ID: 240-17317-7 MS

Matrix: Solid | Lab File ID: 21121008.D

Analysis Method: 8270C/DoD | Date Collected: 11/06/2012 12:00

Extract. Method: 3540C | Date Extracted: 11/16/2012 11:46

Sample wt/vol: 30.09(g) | Date Analyzed: 11/21/2012 14:01

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 65876 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	475		6.7	3.3	3.3
208-96-8	Acenaphthylene	472		6.7	3.3	3.3
120-12-7	Anthracene	524		6.7	3.3	3.3
56-55-3	Benzo[a]anthracene	743		6.7	3.3	3.3
50-32-8	Benzo[a]pyrene	681		6.7	3.3	3.3
205-99-2	Benzo[b]fluoranthene	896		6.7	3.3	3.3
191-24-2	Benzo[g,h,i]perylene	588		6.7	3.3	3.3
65-85-0	Benzoic acid	330	U	660	330	330
207-08-9	Benzo[k]fluoranthene	632		6.7	3.3	3.3
100-51-6	Benzyl alcohol	448		330	27	21
111-91-1	Bis(2-chloroethoxy)methane	415		100	27	22
111-44-4	Bis(2-chloroethyl)ether	408		100	3.3	2.0
108-60-1	bis (2-chloroisopropyl) ether	400		100	27	9.5
117-81-7	Bis(2-ethylhexyl) phthalate	503		50	27	19
101-55-3	4-Bromophenyl phenyl ether	474		50	27	13
85-68-7	Butyl benzyl phthalate	485		50	27	10
86-74-8	Carbazole	472		50	27	27
106-47-8	4-Chloroaniline	55.8	J	150	27	17
59-50-7	4-Chloro-3-methylphenol	505		150	27	21
91-58-7	2-Chloronaphthalene	441		50	3.3	3.3
95-57-8	2-Chlorophenol	418		50	27	27
7005-72-3	4-Chlorophenyl phenyl ether	482		50	27	13
218-01-9	Chrysene	783		6.7	3.3	1.1
53-70-3	Dibenz(a,h)anthracene	412		6.7	3.3	3.3
132-64-9	Dibenzofuran	473		50	3.3	3.3
106-46-7	1,4-Dichlorobenzene	400		50	27	20
95-50-1	1,2-Dichlorobenzene	379		50	27	9.7
541-73-1	1,3-Dichlorobenzene	370		50	27	11
91-94-1	3,3'-Dichlorobenzidine	25.2	J	100	80	18
120-83-2	2,4-Dichlorophenol	479		150	27	20
84-66-2	Diethyl phthalate	501		50	27	16
105-67-9	2,4-Dimethylphenol	429		150	80	20
131-11-3	Dimethyl phthalate	499		50	27	17
84-74-2	Di-n-butyl phthalate	518		50	27	15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: 068SS-0003M-0001-SO MS | Lab Sample ID: 240-17317-7 MS

Matrix: Solid | Lab File ID: 21121008.D

Analysis Method: 8270C/DoD | Date Collected: 11/06/2012 12:00

Extract. Method: 3540C | Date Extracted: 11/16/2012 11:46

Sample wt/vol: 30.09(g) | Date Analyzed: 11/21/2012 14:01

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 65876 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	338		150	80	80
51-28-5	2,4-Dinitrophenol	247	J	330	80	80
121-14-2	2,4-Dinitrotoluene	490		200	27	27
606-20-2	2,6-Dinitrotoluene	505		200	27	21
117-84-0	Di-n-octyl phthalate	496		50	27	27
206-44-0	Fluoranthene	1070		6.7	3.3	3.3
86-73-7	Fluorene	494		6.7	3.3	3.3
118-74-1	Hexachlorobenzene	482		6.7	3.3	2.1
87-68-3	Hexachlorobutadiene	411		50	27	27
77-47-4	Hexachlorocyclopentadiene	84.2	J	330	27	27
67-72-1	Hexachloroethane	356		50	27	9.0
193-39-5	Indeno[1,2,3-cd]pyrene	569		6.7	3.3	3.3
78-59-1	Isophorone	470		50	27	13
91-57-6	2-Methylnaphthalene	469		6.7	3.3	3.3
95-48-7	2-Methylphenol	444		200	80	80
15831-10-4	3 & 4 Methylphenol	890		400	80	20
91-20-3	Naphthalene	450		6.7	3.3	3.3
88-74-4	2-Nitroaniline	504		200	27	9.1
99-09-2	3-Nitroaniline	202		200	80	16
100-01-6	4-Nitroaniline	242		200	27	26
98-95-3	Nitrobenzene	416		100	3.3	2.2
88-75-5	2-Nitrophenol	460		50	27	27
100-02-7	4-Nitrophenol	510		330	80	80
621-64-7	N-Nitrosodi-n-propylamine	442		50	27	27
86-30-6	N-Nitrosodiphenylamine	475		50	27	21
87-86-5	Pentachlorophenol	445		150	80	80
85-01-8	Phenanthrene	697		6.7	3.3	3.3
108-95-2	Phenol	455		50	27	27
129-00-0	Pyrene	881		6.7	3.3	3.3
120-82-1	1,2,4-Trichlorobenzene	392		50	27	27
95-95-4	2,4,5-Trichlorophenol	512		150	27	25
88-06-2	2,4,6-Trichlorophenol	513		150	80	80

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: 068SS-0003M-0001-SO MS | Lab Sample ID: 240-17317-7 MS

Matrix: Solid | Lab File ID: 21121008.D

Analysis Method: 8270C/DoD | Date Collected: 11/06/2012 12:00

Extract. Method: 3540C | Date Extracted: 11/16/2012 11:46

Sample wt/vol: 30.09(g) | Date Analyzed: 11/21/2012 14:01

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 65876 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	63		45-105
367-12-4	2-Fluorophenol (Surr)	65		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	63		35-100
1718-51-0	Terphenyl-d14 (Surr)	75		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	80		35-125
4165-62-2	Phenol-d5 (Surr)	66		40-100

Report Date: 23-Nov-2012 10:11:20 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121008.D
Lims ID: 240-17317-A-7-O MS Client ID: 068SS-0003M-0002-SO
Inject. Date: 21-Nov-2012 14:01:30 Dil. Factor: 1.0000
Sample Type: MS
Sample ID: 240-0015157-008
Misc. Info.: 240-17317-a-7-o ms
Operator: 001710 Instrument ID: A4HP7
Injection Vol: 1.0 ul ALS Bottle#: 8
Lims Batch ID: 65876 Lims Sample ID: 8
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\8270_hp7.m
Last Update: 23-Nov-2012 10:11:01 Calib Date: 14-Nov-2012 18:19:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP7\20121114-14953.b\21114010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: 5% phenyl Column Dia: 0.18 mm
Process Host: XAWRK037

First Level Reviewer: gruberj Date: 21-Nov-2012 15:01:54

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.874	5.863	0.011	93	163230	4.00	
* 2 Naphthalene-d8	136	6.986	6.986	0.0	99	612886	4.00	
* 3 Acenaphthene-d10	164	8.479	8.479	0.0	94	350601	4.00	
* 4 Phenanthrene-d10	188	9.736	9.736	0.0	97	621845	4.00	
* 5 Chrysene-d12	240	12.255	12.255	0.0	96	650555	4.00	
* 6 Perylene-d12	264	14.298	14.298	0.0	92	581363	4.00	
$ 7 2-Fluorophenol	112	4.681	4.595	0.086	92	494931	9.81	
$ 8 Phenol-d5	99	5.526	5.510	0.016	95	636869	9.94	
$ 9 Nitrobenzene-d5	82	6.361	6.355	0.006	86	338127	6.27	
$ 10 2-Fluorobiphenyl (Surr)	172	7.896	7.896	0.0	99	719754	6.33	
$ 11 2,4,6-Tribromophenol	330	9.142	9.147	-0.005	94	174941	12.1	
$ 12 Terphenyl-d14	244	11.084	11.083	0.001	99	897710	7.45	
41 Phenol	94	5.537	5.521	0.016	96	467551	6.85	
44 Bis(2-chloroethyl)ether	93	5.628	5.617	0.011	94	324200	6.15	
46 2-Chlorophenol	128	5.687	5.671	0.016	91	346766	6.28	
47 1,3-Dichlorobenzene	146	5.820	5.815	0.005	96	331370	5.57	
48 1,4-Dichlorobenzene	146	5.890	5.879	0.011	93	355860	6.02	
49 Benzyl alcohol	108	5.986	5.981	0.005	92	229295	6.74	
50 1,2-Dichlorobenzene	146	6.024	6.018	0.006	93	320872	5.70	
51 2-Methylphenol	108	6.077	6.072	0.005	96	332606	6.68	
52 2,2'-oxybis[1-chloropropane]	45	6.104	6.098	0.006	92	466140	6.02	
191 3 & 4 Methylphenol	108	6.211	6.200	0.011	93	698974	13.4	
56 N-Nitrosodi-n-propylamine	70	6.216	6.211	0.005	89	245972	6.65	
60 Hexachloroethane	117	6.323	6.323	0.0	92	128672	5.36	
61 Nitrobenzene	77	6.377	6.371	0.006	88	348533	6.26	
63 Isophorone	82	6.580	6.574	0.006	97	691332	7.07	
65 2-Nitrophenol	139	6.655	6.649	0.006	89	181344	6.92	
64 2,4-Dimethylphenol	107	6.671	6.671	0.0	91	332481	6.45	
69 Benzoic acid	122	6.698	6.735	-0.037	50	3530	1.54	
68 Bis(2-chloroethoxy)methane	93	6.756	6.756	0.0	99	387700	6.24	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
71 2,4-Dichlorophenol	162	6.858	6.853	0.005	93	293542	7.21	
72 1,2,4-Trichlorobenzene	180	6.933	6.933	0.0	86	286653	5.90	
73 Naphthalene	128	7.008	7.002	0.006	94	1036631	6.77	
74 4-Chloroaniline	127	7.045	7.040	0.005	82	54815	0.8397	
77 Hexachlorobutadiene	225	7.104	7.104	0.0	90	162784	6.19	
84 4-Chloro-3-methylphenol	107	7.436	7.436	0.0	94	332253	7.60	
85 2-Methylnaphthalene	142	7.596	7.596	0.0	87	691264	7.06	
88 Hexachlorocyclopentadiene	237	7.725	7.724	0.001	79	35987	1.27	
90 2,4,6-Trichlorophenol	196	7.826	7.826	0.0	89	227934	7.71	
91 2,4,5-Trichlorophenol	196	7.858	7.853	0.005	96	245270	7.70	
98 2-Chloronaphthalene	162	8.008	8.008	0.0	95	642690	6.64	
100 2-Nitroaniline	65	8.083	8.083	0.0	83	215425	7.58	
103 Dimethyl phthalate	163	8.222	8.222	0.0	98	773204	7.51	
105 2,6-Dinitrotoluene	165	8.281	8.281	0.0	92	177441	7.60	
107 Acenaphthylene	152	8.366	8.361	0.005	96	1136513	7.11	
108 3-Nitroaniline	138	8.431	8.425	0.006	95	78163	3.03	
110 Acenaphthene	153	8.511	8.511	0.0	95	686972	7.14	
109 2,4-Dinitrophenol	184	8.516	8.516	0.0	51	26458	3.72	
111 4-Nitrophenol	109	8.543	8.548	-0.005	95	113918	7.67	
112 2,4-Dinitrotoluene	165	8.623	8.623	0.0	92	231178	7.37	
114 Dibenzofuran	168	8.650	8.655	-0.005	87	1016269	7.12	
119 Diethyl phthalate	149	8.810	8.816	-0.006	97	811421	7.54	
121 4-Chlorophenyl phenyl ether	204	8.928	8.928	0.0	90	393095	7.25	
123 4-Nitroaniline	138	8.944	8.944	0.0	48	98046	3.64	
124 Fluorene	166	8.944	8.944	0.0	91	852585	7.44	
126 4,6-Dinitro-2-methylphenol	198	8.965	8.965	0.0	85	95848	5.08	
130 N-Nitrosodiphenylamine	169	9.024	9.024	0.0	0	613111	7.15	
137 4-Bromophenyl phenyl ether	248	9.345	9.345	0.0	62	226309	7.14	
139 Hexachlorobenzene	284	9.409	9.409	0.0	94	236771	7.25	
141 Pentachlorophenol	266	9.565	9.564	0.001	87	140513	6.70	
146 Phenanthrene	178	9.757	9.757	0.0	97	1780735	10.5	
147 Anthracene	178	9.800	9.800	0.0	97	1331867	7.89	
149 Carbazole	167	9.928	9.928	0.0	81	1165174	7.11	
151 Di-n-butyl phthalate	149	10.185	10.185	0.0	100	1435812	7.80	
157 Fluoranthene	202	10.763	10.762	0.001	97	3026226	16.1	
160 Pyrene	202	10.971	10.971	0.0	98	2751973	13.3	
166 Butyl benzyl phthalate	149	11.549	11.549	0.0	96	615931	7.30	
173 3,3'-Dichlorobenzidine	252	12.201	12.191	0.010	14	13301	0.3798	
171 Bis(2-ethylhexyl) phthalate	149	12.212	12.207	0.005	97	904313	7.57	
175 Benzo[a]anthracene	228	12.244	12.244	0.0	96	2029139	11.2	
176 Chrysene	228	12.287	12.287	0.0	94	2038742	11.8	
178 Di-n-octyl phthalate	149	13.100	13.100	0.0	98	1538751	7.46	
180 Benzo[b]fluoranthene	252	13.726	13.726	0.0	94	2500152	13.5	
181 Benzo[k]fluoranthene	252	13.763	13.763	0.0	99	1916133	9.51	
182 Benzo[a]pyrene	252	14.218	14.212	0.006	74	1972137	10.2	
186 Indeno[1,2,3-cd]pyrene	276	15.935	15.929	0.006	98	1796382	8.57	
187 Dibenz(a,h)anthracene	278	15.962	15.956	0.006	84	1096855	6.20	
188 Benzo[g,h,i]perylene	276	16.363	16.362	0.001	92	1472902	8.85	

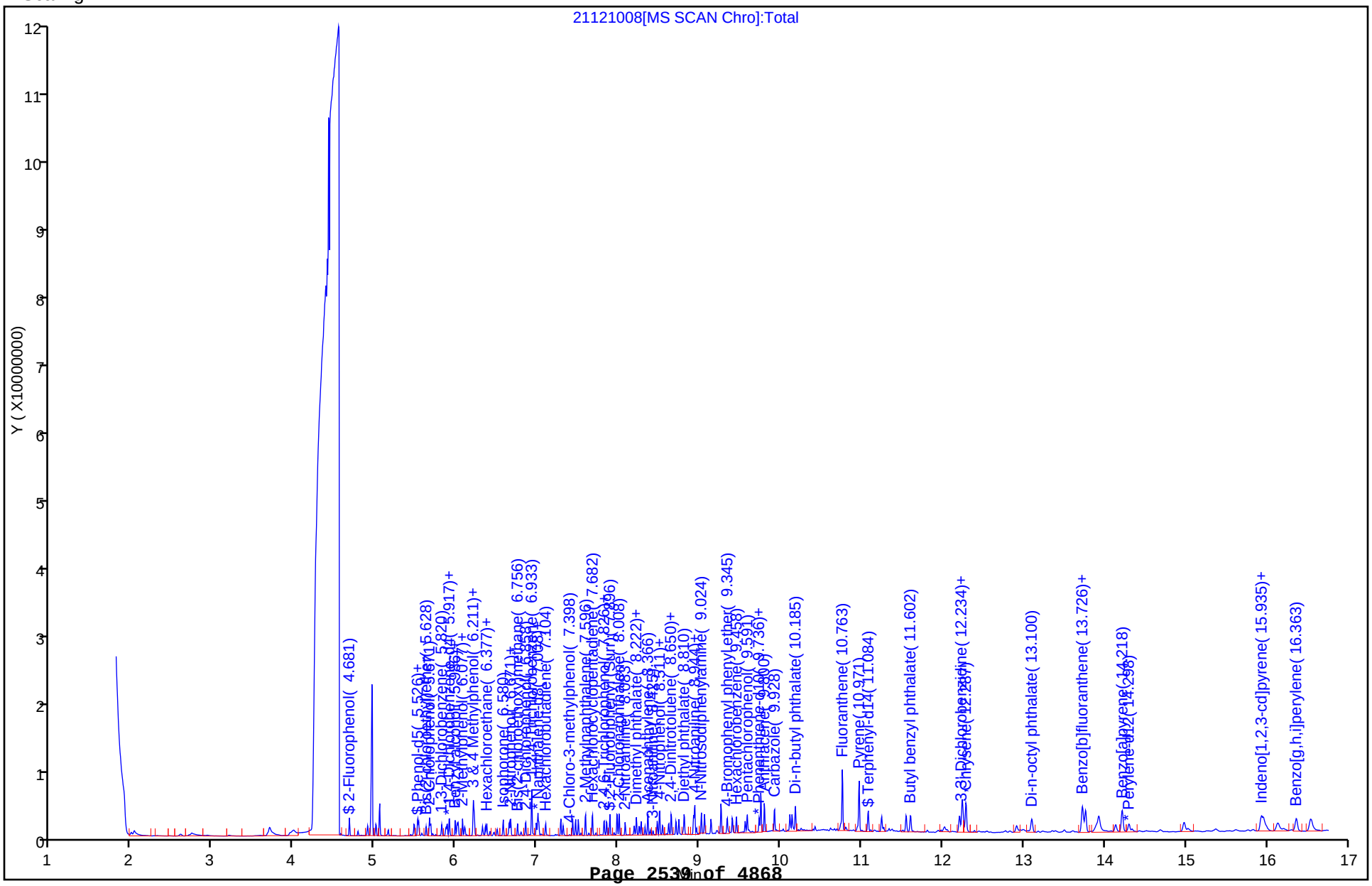
Report Date: 23-Nov-2012 10:11:21 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121008.D

Injection Date:	21-Nov-2012 14:01:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0003M-0002-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	8
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: 076SD-0009-0001-SO MS | Lab Sample ID: 240-17317-19 MS

Matrix: Solid | Lab File ID: 21129018.D

Analysis Method: 8270C/DoD | Date Collected: 11/06/2012 18:15

Extract. Method: 3540C | Date Extracted: 11/16/2012 13:26

Sample wt/vol: 29.86(g) | Date Analyzed: 11/29/2012 16:20

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66702 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	428		6.7	3.3	3.3
208-96-8	Acenaphthylene	432		6.7	3.3	3.3
120-12-7	Anthracene	482		6.7	3.3	3.3
56-55-3	Benzo[a]anthracene	491		6.7	3.3	3.3
50-32-8	Benzo[a]pyrene	438		6.7	3.3	3.3
205-99-2	Benzo[b]fluoranthene	500		6.7	3.3	3.3
191-24-2	Benzo[g,h,i]perylene	256	J	6.7	3.3	3.3
65-85-0	Benzoic acid	354	J	660	330	330
207-08-9	Benzo[k]fluoranthene	481		6.7	3.3	3.3
100-51-6	Benzyl alcohol	461		330	27	21
111-91-1	Bis(2-chloroethoxy)methane	417		100	27	22
111-44-4	Bis(2-chloroethyl)ether	421		100	3.3	2.0
108-60-1	bis (2-chloroisopropyl) ether	412		100	27	9.5
117-81-7	Bis(2-ethylhexyl) phthalate	496		50	27	19
101-55-3	4-Bromophenyl phenyl ether	432		50	27	13
85-68-7	Butyl benzyl phthalate	449		50	27	10
86-74-8	Carbazole	448		50	27	27
106-47-8	4-Chloroaniline	21.1	J	150	27	17
59-50-7	4-Chloro-3-methylphenol	461		150	27	21
91-58-7	2-Chloronaphthalene	416		50	3.3	3.3
95-57-8	2-Chlorophenol	430		50	27	27
7005-72-3	4-Chlorophenyl phenyl ether	428		50	27	13
218-01-9	Chrysene	493		6.7	3.3	1.1
53-70-3	Dibenz(a,h)anthracene	287		6.7	3.3	3.3
132-64-9	Dibenzofuran	441		50	3.3	3.3
106-46-7	1,4-Dichlorobenzene	353		50	27	20
95-50-1	1,2-Dichlorobenzene	366		50	27	9.7
541-73-1	1,3-Dichlorobenzene	331		50	27	11
91-94-1	3,3'-Dichlorobenzidine	80	U J	100	80	18
120-83-2	2,4-Dichlorophenol	465		150	27	20
84-66-2	Diethyl phthalate	461		50	27	16
105-67-9	2,4-Dimethylphenol	436		150	80	20
131-11-3	Dimethyl phthalate	449		50	27	17
84-74-2	Di-n-butyl phthalate	485		50	27	15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: 076SD-0009-0001-SO MS | Lab Sample ID: 240-17317-19 MS

Matrix: Solid | Lab File ID: 21129018.D

Analysis Method: 8270C/DoD | Date Collected: 11/06/2012 18:15

Extract. Method: 3540C | Date Extracted: 11/16/2012 13:26

Sample wt/vol: 29.86(g) | Date Analyzed: 11/29/2012 16:20

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66702 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	353		150	80	80
51-28-5	2,4-Dinitrophenol	335		330	80	80
121-14-2	2,4-Dinitrotoluene	469		200	27	27
606-20-2	2,6-Dinitrotoluene	487		200	27	21
117-84-0	Di-n-octyl phthalate	527		50	27	27
206-44-0	Fluoranthene	583		6.7	3.3	3.3
86-73-7	Fluorene	446		6.7	3.3	3.3
118-74-1	Hexachlorobenzene	426		6.7	3.3	2.1
87-68-3	Hexachlorobutadiene	361		50	27	27
77-47-4	Hexachlorocyclopentadiene	27	U	330	27	27
67-72-1	Hexachloroethane	128	J	50	27	9.0
193-39-5	Indeno[1,2,3-cd]pyrene	293	J	6.7	3.3	3.3
78-59-1	Isophorone	454		50	27	13
91-57-6	2-Methylnaphthalene	443		6.7	3.3	3.3
95-48-7	2-Methylphenol	467		200	80	80
15831-10-4	3 & 4 Methylphenol	929		400	80	20
91-20-3	Naphthalene	425		6.7	3.3	3.3
88-74-4	2-Nitroaniline	488		200	27	9.1
99-09-2	3-Nitroaniline	80	U J	200	80	16
100-01-6	4-Nitroaniline	27	U J	200	27	26
98-95-3	Nitrobenzene	420		100	3.3	2.2
88-75-5	2-Nitrophenol	429		50	27	27
100-02-7	4-Nitrophenol	445		330	80	80
621-64-7	N-Nitrosodi-n-propylamine	443		50	27	27
86-30-6	N-Nitrosodiphenylamine	437		50	27	21
87-86-5	Pentachlorophenol	383		150	80	80
85-01-8	Phenanthrene	517		6.7	3.3	3.3
108-95-2	Phenol	465		50	27	27
129-00-0	Pyrene	510		6.7	3.3	3.3
120-82-1	1,2,4-Trichlorobenzene	370		50	27	27
95-95-4	2,4,5-Trichlorophenol	444		150	27	25
88-06-2	2,4,6-Trichlorophenol	449		150	80	80

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: 076SD-0009-0001-SO MS | Lab Sample ID: 240-17317-19 MS

Matrix: Solid | Lab File ID: 21129018.D

Analysis Method: 8270C/DoD | Date Collected: 11/06/2012 18:15

Extract. Method: 3540C | Date Extracted: 11/16/2012 13:26

Sample wt/vol: 29.86(g) | Date Analyzed: 11/29/2012 16:20

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66702 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	60		45-105
367-12-4	2-Fluorophenol (Surr)	64		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	63		35-100
1718-51-0	Terphenyl-d14 (Surr)	65		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	71		35-125
4165-62-2	Phenol-d5 (Surr)	67		40-100

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129018.D
Lims ID: 240-17317-A-19-N MS
Client ID: 076SD-0009-0001-SO
Inject. Date: 29-Nov-2012 16:20:30
Dil. Factor: 1.0000
Sample Type: MS
Sample ID: 240-0015370-018
Misc. Info.: 240-17317-A-19-N MS =240-17317-A-19-N MS
Operator: 001574
Instrument ID: A4HP9
Injection Vol: 1.0 ul
ALS Bottle#: 18
Lims Batch ID: 66702
Lims Sample ID: 18
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121129-15370.b\8270 _9.m
Last Update: 03-Dec-2012 11:22:36
Calib Date: 28-Nov-2012 18:11:30
Quant Method: Internal Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121128-15348.b\21127110.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE
ID Type: Deconvolution ID
Column Type: 5% phenyl
Column Dia: 0.18 mm
Process Host: CORP-CTX-18

First Level Reviewer: ulmanm
Date: 30-Nov-2012 07:42:54

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.903	5.907	-0.004	91	64635	4.00	
* 2 Naphthalene-d8	136	7.014	7.013	0.001	98	265913	4.00	
* 3 Acenaphthene-d10	164	8.505	8.503	0.002	77	166736	4.00	
* 4 Phenanthrene-d10	188	9.766	9.764	0.002	98	277795	4.00	
* 5 Chrysene-d12	240	12.308	12.307	0.001	82	278169	4.00	
* 6 Perylene-d12	264	14.376	14.374	0.002	86	199668	4.00	
$ 7 2-Fluorophenol	112	4.690	4.662	0.028	91	248585	9.56	
$ 8 Phenol-d5	99	5.556	5.544	0.012	0	364121	10.1	
$ 9 Nitrobenzene-d5	82	6.384	6.388	-0.004	82	235032	6.28	
$ 10 2-Fluorobiphenyl (Surr)	172	7.917	7.921	-0.004	98	304791	6.02	
$ 11 2,4,6-Tribromophenol	330	9.167	9.171	-0.004	80	64248	10.7	
$ 12 Terphenyl-d14	244	11.122	11.121	0.001	95	358010	6.49	
20 Dimethylformamide	1		0.000					
19 Octachlorostyrene	1		0.000					
22 Bis(2-hydroxyphenyl)methane	1		0.000					
13 Octachlorocyclopentene	1		0.000					
23 2,5-Dichlorophenol	1		0.000					
18 Bis(4-hydroxyphenyl)methane	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
31 2-Picoline	93		2.310					
32 N-Nitrosomethylethylamine	88		2.374					9
25 1,4-Dioxane	88	2.506	2.520	-0.014	68	23253	1.54	
34 Methyl methanesulfonate	80		2.587					
30 3-Picoline	93		2.651					
233 n,n'-Dimethylacetamide	44		2.662					
35 Acrylamide	71		2.744					
36 N-Nitrosodiethylamine	102		2.897					9
26 N-Nitrosodimethylamine	74	2.981	2.969	0.012	74	110179	5.29	
27 Pyridine	79	3.029	3.027	0.002	85	91658	2.57	
37 Ethyl methanesulfonate	79		3.105					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
38 2-Methylcyclohexanone	68		3.292					
39 3-Methylcyclohexanone	69		3.319					
40 4-Methylcyclohexanone	55		3.356					
45 Pentachloroethane	167		3.501					
42 Phenylmercaptan	110		3.596					
28 Ethyl methacrylate	69		3.658					
232 1-Methyl-2-pyrrilidinone	99		3.880					
56 N-Nitrosopyrrolidine	100		3.992					
59 N-Nitrosomorpholine	56		4.013					9
29 3-Chloropropionitrile	54		4.021					9
60 2-Toluidine	106		4.040					
52 Indene	115		4.084					
63 N-Nitrosopiperidine	114		4.254					
33 Malononitrile	66		4.352					
68 o,o',o''-Triethylphosphorothioat	198		4.435					
17 4-Chlorophenol	128		4.500					
24 Catechol	110		4.592					9
72 alpha,alpha-Dimethyl phenethylam	58		4.601					9
77 2,6-Dichlorophenol	162		4.729					
78 Hexachloropropene	213		4.756					
15 3-Methylcatechol	124		4.913					
83 N-Nitrosodi-n-butylamine	84		4.953					9
85 p-Phenylene diamine	108		4.969					
14 4-Methylcatechol	124		5.036					9
81 Benzothiazole	135		5.046					
82 Quinoline	129		5.099					
94 Safrole, Total	162		5.119					
91 1,2,4,5-Tetrachlorobenzene	216		5.327					
225 Isosafrole Peak 1	162		5.333					
227 Isosafrole Peak 2	162		5.498					
41 Benzaldehyde	77	5.513	5.512	0.001	84	189232	6.69	
43 Phenol	94	5.567	5.560	0.007	95	272012	6.94	
44 Aniline	93	5.604	5.602	0.002	84	31083	0.6290	
69 Bis(2-chloroethyl)ether	93	5.657	5.656	0.001	96	193898	6.29	
103 1,4-Naphthoquinone	158		5.680					
46 2-Chlorophenol	128	5.716	5.709	0.007	89	147497	6.42	
104 1,4-Dinitrobenzene	168		5.712					
96 3,4-Dichloronitrobenzene	109		5.725					9
106 1,3-Dinitrobenzene	168		5.771					
101 Phenyl ether	170		5.773					
47 1,3-Dichlorobenzene	146	5.855	5.853	0.002	81	122584	4.94	
48 1,4-Dichlorobenzene	146	5.919	5.918	0.001	82	130786	5.27	
49 Benzyl alcohol	108	6.015	6.014	0.001	83	120947	6.88	
50 1,2-Dichlorobenzene	146	6.053	6.056	-0.003	79	126704	5.46	
115 Pentachlorobenzene	250		6.091					
51 2-Methylphenol	108	6.106	6.099	0.007	94	175586	6.98	
53 2,2'-oxybis[1-chloropropane]	45	6.133	6.137	-0.004	96	167100	6.16	
117 1-Naphthylamine	143		6.166					
119 2,3,4,6-Tetrachlorophenol	232		6.203					
120 2-Naphthylamine	143		6.225					
21 3 & 4 Methylphenol	108	6.234	6.233	0.001	95	377261	13.9	
57 N-Nitrosodi-n-propylamine	70	6.245	6.243	0.002	74	167887	6.61	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
58 Acetophenone	105	6.250	6.249	0.001	85	264178	6.57	
122 Thionazin	97		6.305					
61 Hexachloroethane	117	6.352	6.356	-0.004	86	21734	1.91	
124 N-Nitro-o-toluidine	152		6.358					
127 Tributyl phosphate	99		6.379					
62 Nitrobenzene	77	6.405	6.404	0.001	74	247398	6.27	
130 Diphenylamine	169		6.428					9
134 Sulfotepp	202		6.518					
64 Isophorone	82	6.608	6.607	0.001	94	468586	6.78	
135 1,3,5-Trinitrobenzene	213		6.614					
228 Diallate Peak 1	86		6.630					
138 Phorate	121		6.636					9
137 Phenacetin	108		6.641					9
66 2-Nitrophenol	139	6.678	6.676	0.002	86	76270	6.40	
67 1,3,5-Trichlorobenzene	180		6.692					
230 Diallate Peak 2	86		6.695					
65 2,4-Dimethylphenol	107	6.699	6.697	0.002	96	201229	6.51	
71 Benzoic acid	122	6.737	6.756	-0.019	76	58805	5.28	
140 Dimethoate	87		6.764					
70 Bis(2-chloroethoxy)methane	93	6.779	6.783	-0.004	97	237319	6.23	
73 2,4-Dichlorophenol	162	6.881	6.879	0.002	91	129283	6.94	
129 4-Aminobiphenyl	169		6.892					
144 Pronamide	173		6.919					
145 Pentachloronitrobenzene	237		6.919					
74 1,2,4-Trichlorobenzene	180	6.961	6.959	0.002	87	129337	5.53	
146 Disulfoton	88		7.010					9
147 Dinoseb	211		7.020					
75 Naphthalene	128	7.030	7.034	-0.004	97	425165	6.35	
76 4-Chloroaniline	127	7.062	7.066	-0.004	32	9008	0.3153	
79 Hexachlorobutadiene	225	7.132	7.130	0.002	88	67524	5.39	
80 1,2,3-Trichlorobenzene	180		7.152					
152 Methyl parathion	109		7.282					9
84 Caprolactam	113	7.346	7.349	-0.003	75	44761	5.65	
86 4-Chloro-3-methylphenol	107	7.458	7.456	0.002	81	182194	6.88	
155 Ethyl Parathion	97		7.560					9
156 4-Nitroquinoline-1-oxide	190		7.613					
153 Diphenylsulfone	125		7.616					9
87 2-Methylnaphthalene	142	7.618	7.622	-0.004	84	293510	6.61	
157 Methapyrilene	58		7.645					9
88 1-Methylnaphthalene	142	7.703	7.702	0.001	81	275329	6.47	
90 1,2,3,5-Tetrachlorobenzene	216		7.745					
89 Hexachlorocyclopentadiene	237		7.750					
158 Isodrin	66		7.816					
92 2,4,6-Trichlorophenol	196	7.848	7.846	0.002	85	93911	6.70	
93 2,4,5-Trichlorophenol	196	7.880	7.878	0.002	87	100259	6.64	
97 2,4-Toluene diamine	121		7.990					
99 1,2,3,4 -Tetrachlorobenzene	216		8.001					
98 1,1'-Biphenyl	154	8.008	8.012	-0.004	96	342525	6.04	
100 2-Chloronaphthalene	162	8.035	8.033	0.002	97	275871	6.20	
102 2-Nitroaniline	65	8.104	8.108	-0.004	70	137156	7.28	
226 Aramite Peak 1	185		8.131					
229 Aramite Peak 2	185		8.185					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
105 Dimethyl phthalate	163	8.248	8.247	0.001	94	344900	6.71	
163 p-Dimethylamino azobenzene	225		8.276					
164 Chlorobenzilate	139		8.297					
107 2,6-Dinitrotoluene	165	8.302	8.305	-0.003	74	79621	7.27	
108 1,2-Dinitrobenzene	168	8.355	8.354	0.001	79	36229	6.44	
109 Acenaphthylene	152	8.387	8.391	-0.004	90	438997	6.45	
110 3-Nitroaniline	138		8.450					
167 Famphur	218		8.473					
169 3,3'-Dimethylbenzidine	212		8.516					9
111 2,4-Dinitrophenol	184	8.537	8.535	0.002	51	19890	5.00	
112 Acenaphthene	153	8.531	8.535	-0.004	93	280607	6.38	
113 4-Nitrophenol	109	8.564	8.567	-0.003	86	62827	6.65	
114 2,4-Dinitrotoluene	165	8.644	8.647	-0.003	79	101796	7.01	
116 Dibenzofuran	168	8.676	8.679	-0.003	84	409981	6.59	
171 2-Acetylaminofluorene	181		8.713					
118 2,3,5,6-Tetrachlorophenol	232	8.734	8.733	0.001	83	79724	6.32	
121 Diethyl phthalate	149	8.836	8.840	-0.004	93	346322	6.88	
123 4-Chlorophenyl phenyl ether	204	8.954	8.957	-0.003	93	173130	6.38	
125 4-Nitroaniline	138		8.968					9
126 Fluorene	166	8.970	8.968	0.002	70	352554	6.66	
128 4,6-Dinitro-2-methylphenol	198	8.991	8.989	0.002	68	45227	5.27	
131 N-Nitrosodiphenylamine	169	9.050	9.048	0.002	91	241567	6.53	
132 1,2-Diphenylhydrazine	77	9.087	9.091	-0.004	100	586672	7.12	
133 Azobenzene	77	9.087	9.091	-0.004	94	586487	7.12	
176 Hexabromobenzene	232		9.208					
139 4-Bromophenyl phenyl ether	248	9.370	9.374	-0.004	66	91388	6.46	
141 Hexachlorobenzene	284	9.434	9.433	0.001	70	92658	6.36	
142 Atrazine	200	9.488	9.481	0.007	77	90181	7.84	
179 6-Methylchrysene	242		9.576					9
143 Pentachlorophenol	266	9.589	9.593	-0.004	77	51116	5.72	
148 Phenanthrene	178	9.787	9.785	0.002	86	601714	7.72	
149 Anthracene	178	9.830	9.828	0.002	84	548230	7.20	
181 7,12-Dimethylbenz(a)anthracene	256		9.856					9
151 Carbazole	167	9.952	9.951	0.001	80	453850	6.68	
154 Di-n-butyl phthalate	149	10.214	10.213	0.001	99	608816	7.24	
185 3-Methylcholanthrene	268		10.594					
159 Fluoranthene	202	10.802	10.795	0.007	97	753349	8.71	
160 Benzidine	184		10.891					9
161 Pyrene	202	11.005	11.003	0.002	95	720747	7.61	
166 4,4'-DDE	246		11.061					9
165 4,4'-DDD	235		11.430					
168 Butyl benzyl phthalate	149	11.598	11.596	0.002	84	257296	6.70	
170 4,4'-DDT	235		11.718					
187 Dibenz[a,h]acridine	279		11.729					
186 Dibenz[a,j]acridine	279		11.804					
172 3,3'-Dimethoxybenzidine	244		12.200					9
174 4,4'-Methylene bis(2-chloroanili	231		12.243					
175 3,3'-Dichlorobenzidine	252		12.243					9
173 Bis(2-ethylhexyl) phthalate	149	12.266	12.269	-0.003	94	397155	7.41	
177 Benzo[a]anthracene	228	12.298	12.296	0.002	87	607546	7.33	
178 Chrysene	228	12.340	12.344	-0.004	85	568566	7.37	
180 Di-n-octyl phthalate	149	13.174	13.177	-0.003	99	622506	7.87	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
182 Benzo[b]fluoranthene	252	13.799	13.797	0.002	88	488225	7.47	
183 Benzo[k]fluoranthene	252	13.836	13.835	0.001	89	497533	7.19	
184 Benzo[a]pyrene	252	14.296	14.294	0.002	74	401768	6.53	
188 Indeno[1,2,3-cd]pyrene	276	16.037	16.030	0.007	86	303223	4.37	
189 Dibenz(a,h)anthracene	278	16.064	16.057	0.007	72	238163	4.28	
190 Benzo[g,h,i]perylene	276	16.486	16.474	0.012	82	225055	3.83	
S 191 Methyl Phenols,Total	100				0		20.9	
S 95 Isosafrole	162		5.568					7
S 136 Diallate	86		6.701					7
S 162 Aramite, Total	185		8.271					7
T 192 Octadecane (TIC)	57		0.000					
T 195 Hydroquinone TIC	110		0.000					1
T 194 Decane TIC	57		0.000					1
T 240 Trimethyl phosphate TIC	110		3.120					1
T 234 2-Isopropylphenol TIC	121		4.623					1
T 236 3-isopropylphenol TIC	121		4.756					1
T 235 4-isopropylphenol TIC	121		4.756					1
T 193 Hexamethylphosphoramide TIC	135		5.100					1
T 237 3-(1,1-Dimethylethyl Phenol) TIC	135		5.110					1
T 196 Kepone TIC	272		8.281					
T 242 Triphenyl Phosphate TIC	326		8.700					1
T 238 2,3,7,8-TCDD TIC	1		9.000					1
T 231 2,3,7,8-TCDD	322		9.150					1
T 197 Hexachlorophene TIC	198		9.269					
T 241 Tricresyl phosphate TIC	368		9.372					1
T 239 Tris(2,3-dibromopropyl)phosphate	201		10.600					1

QC Flag Legend

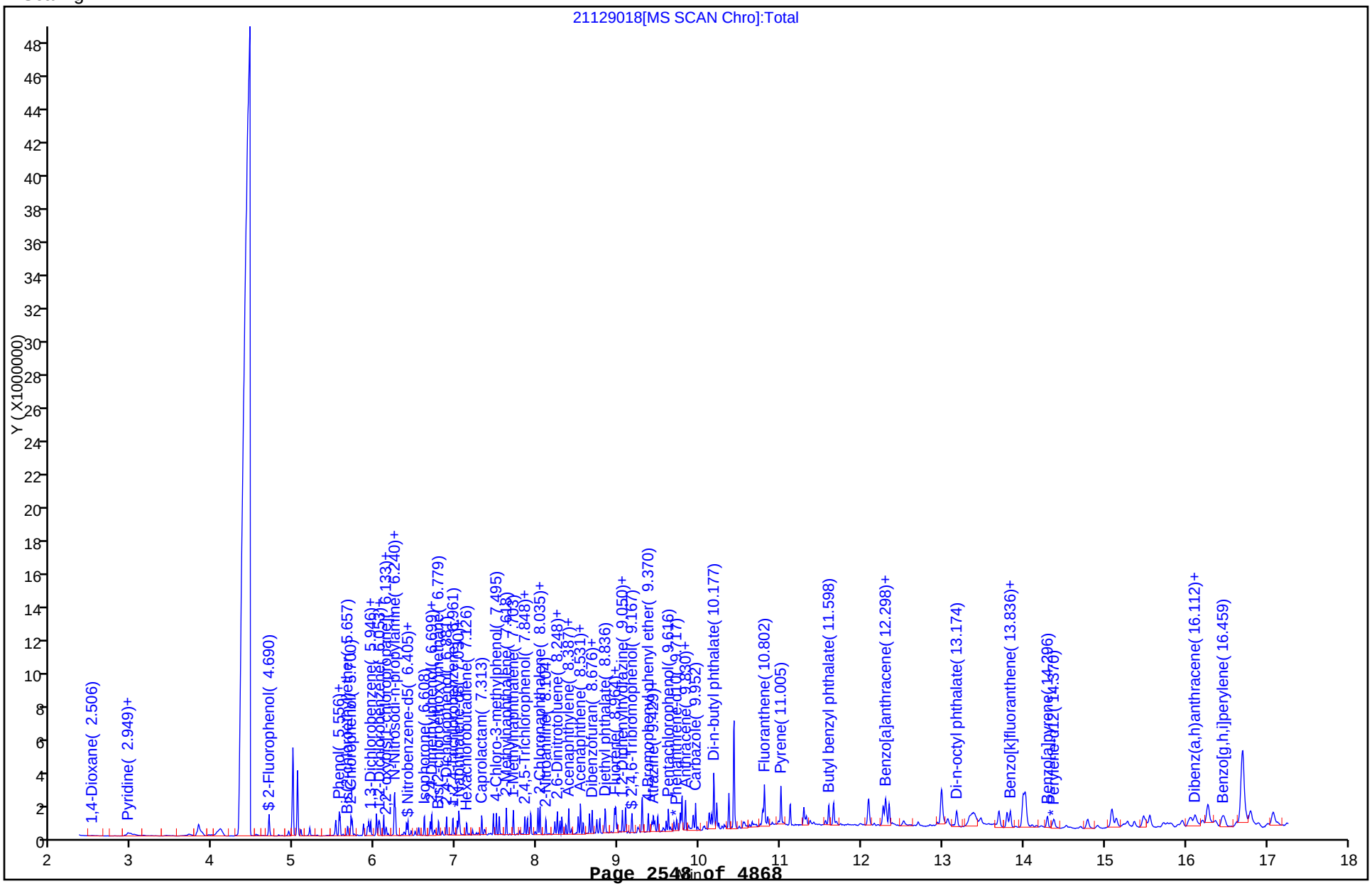
Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

Report Date: 03-Dec-2012 11:22:40 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129018.D		
Injection Date:	29-Nov-2012 16:20:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SD-0009-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	66702	Lims Sample ID:	18
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: 068SS-0003M-0001-SO MSD | Lab Sample ID: 240-17317-7 MSD

Matrix: Solid | Lab File ID: 21121009.D

Analysis Method: 8270C/DoD | Date Collected: 11/06/2012 12:00

Extract. Method: 3540C | Date Extracted: 11/16/2012 11:46

Sample wt/vol: 30.40(g) | Date Analyzed: 11/21/2012 14:25

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 65876 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	442		6.6	3.3	3.3
208-96-8	Acenaphthylene	439		6.6	3.3	3.3
120-12-7	Anthracene	496		6.6	3.3	3.3
56-55-3	Benzo[a]anthracene	700		6.6	3.3	3.3
50-32-8	Benzo[a]pyrene	633	J	6.6	3.3	3.3
205-99-2	Benzo[b]fluoranthene	839		6.6	3.3	3.3
191-24-2	Benzo[g,h,i]perylene	496	J	6.6	3.3	3.3
65-85-0	Benzoic acid	330	U	650	330	330
207-08-9	Benzo[k]fluoranthene	595		6.6	3.3	3.3
100-51-6	Benzyl alcohol	440		330	27	21
111-91-1	Bis(2-chloroethoxy)methane	407		99	27	22
111-44-4	Bis(2-chloroethyl)ether	387		99	3.3	2.0
108-60-1	bis (2-chloroisopropyl) ether	379		99	27	9.4
117-81-7	Bis(2-ethylhexyl) phthalate	481		49	27	19
101-55-3	4-Bromophenyl phenyl ether	451		49	27	13
85-68-7	Butyl benzyl phthalate	466		49	27	9.9
86-74-8	Carbazole	453		49	27	27
106-47-8	4-Chloroaniline	83.2	J	150	27	17
59-50-7	4-Chloro-3-methylphenol	485		150	27	21
91-58-7	2-Chloronaphthalene	407		49	3.3	3.3
95-57-8	2-Chlorophenol	416		49	27	27
7005-72-3	4-Chlorophenyl phenyl ether	447		49	27	13
218-01-9	Chrysene	751		6.6	3.3	1.1
53-70-3	Dibenz(a,h)anthracene	364		6.6	3.3	3.3
132-64-9	Dibenzofuran	438		49	3.3	3.3
106-46-7	1,4-Dichlorobenzene	377		49	27	20
95-50-1	1,2-Dichlorobenzene	365		49	27	9.6
541-73-1	1,3-Dichlorobenzene	344		49	27	11
91-94-1	3,3'-Dichlorobenzidine	37.3	J	99	79	18
120-83-2	2,4-Dichlorophenol	458		150	27	20
84-66-2	Diethyl phthalate	476		49	27	16
105-67-9	2,4-Dimethylphenol	413		150	79	20
131-11-3	Dimethyl phthalate	459		49	27	17
84-74-2	Di-n-butyl phthalate	497		49	27	15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

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Matrix: Solid | Lab File ID: 21121009.D

Analysis Method: 8270C/DoD | Date Collected: 11/06/2012 12:00

Extract. Method: 3540C | Date Extracted: 11/16/2012 11:46

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Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 65876 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	290		150	79	79
51-28-5	2,4-Dinitrophenol	236	J	330	79	79
121-14-2	2,4-Dinitrotoluene	463		200	27	27
606-20-2	2,6-Dinitrotoluene	483		200	27	21
117-84-0	Di-n-octyl phthalate	473		49	27	27
206-44-0	Fluoranthene	1000	J	6.6	3.3	3.3
86-73-7	Fluorene	456		6.6	3.3	3.3
118-74-1	Hexachlorobenzene	458		6.6	3.3	2.1
87-68-3	Hexachlorobutadiene	405		49	27	27
77-47-4	Hexachlorocyclopentadiene	58.2	J	330	27	27
67-72-1	Hexachloroethane	325		49	27	8.9
193-39-5	Indeno[1,2,3-cd]pyrene	491		6.6	3.3	3.3
78-59-1	Isophorone	447		49	27	13
91-57-6	2-Methylnaphthalene	435		6.6	3.3	3.3
95-48-7	2-Methylphenol	410		200	79	79
15831-10-4	3 & 4 Methylphenol	860		390	79	20
91-20-3	Naphthalene	427		6.6	3.3	3.3
88-74-4	2-Nitroaniline	481		200	27	9.0
99-09-2	3-Nitroaniline	222		200	79	16
100-01-6	4-Nitroaniline	272		200	27	26
98-95-3	Nitrobenzene	402		99	3.3	2.2
88-75-5	2-Nitrophenol	453		49	27	27
100-02-7	4-Nitrophenol	470		330	79	79
621-64-7	N-Nitrosodi-n-propylamine	425		49	27	27
86-30-6	N-Nitrosodiphenylamine	462		49	27	21
87-86-5	Pentachlorophenol	417		150	79	79
85-01-8	Phenanthrene	653		6.6	3.3	3.3
108-95-2	Phenol	436		49	27	27
129-00-0	Pyrene	840		6.6	3.3	3.3
120-82-1	1,2,4-Trichlorobenzene	379		49	27	27
95-95-4	2,4,5-Trichlorophenol	478		150	27	25
88-06-2	2,4,6-Trichlorophenol	481		150	79	79

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: 068SS-0003M-0001-SO MSD | Lab Sample ID: 240-17317-7 MSD

Matrix: Solid | Lab File ID: 21121009.D

Analysis Method: 8270C/DoD | Date Collected: 11/06/2012 12:00

Extract. Method: 3540C | Date Extracted: 11/16/2012 11:46

Sample wt/vol: 30.40(g) | Date Analyzed: 11/21/2012 14:25

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 65876 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	61		45-105
367-12-4	2-Fluorophenol (Surr)	63		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	61		35-100
1718-51-0	Terphenyl-d14 (Surr)	70		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	74		35-125
4165-62-2	Phenol-d5 (Surr)	65		40-100

Report Date: 23-Nov-2012 10:11:20 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121009.D
Lims ID: 240-17317-A-7-P MSD Client ID: 068SS-0003M-0002-SO
Inject. Date: 21-Nov-2012 14:25:30 Dil. Factor: 1.0000
Sample Type: MSD
Sample ID: 240-0015157-009
Misc. Info.: 240-17317-a-7-p msd
Operator: 001710 Instrument ID: A4HP7
Injection Vol: 1.0 ul ALS Bottle#: 9
Lims Batch ID: 65876 Lims Sample ID: 9
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP7\20121121-15157.b\8270_hp7.m
Last Update: 23-Nov-2012 10:11:01 Calib Date: 14-Nov-2012 18:19:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP7\20121114-14953.b\21114010.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: 5% phenyl Column Dia: 0.18 mm
Process Host: XAWRK037

First Level Reviewer: gruberj Date: 21-Nov-2012 15:02:49

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.874	5.863	0.011	92	162271	4.00	
* 2 Naphthalene-d8	136	6.986	6.986	0.0	99	617259	4.00	
* 3 Acenaphthene-d10	164	8.479	8.479	0.0	92	362775	4.00	
* 4 Phenanthrene-d10	188	9.736	9.736	0.0	97	631357	4.00	
* 5 Chrysene-d12	240	12.255	12.255	0.0	96	664996	4.00	
* 6 Perylene-d12	264	14.298	14.298	0.0	97	594725	4.00	
$ 7 2-Fluorophenol	112	4.681	4.595	0.086	91	475067	9.47	
$ 8 Phenol-d5	99	5.526	5.510	0.016	89	625681	9.82	
$ 9 Nitrobenzene-d5	82	6.361	6.355	0.006	86	331595	6.11	
$ 10 2-Fluorobiphenyl (Surr)	172	7.896	7.896	0.0	98	714097	6.07	
$ 11 2,4,6-Tribromophenol	330	9.142	9.147	-0.005	92	166954	11.1	
$ 12 Terphenyl-d14	244	11.083	11.083	0.0	99	864849	7.02	
41 Phenol	94	5.537	5.521	0.016	99	450105	6.63	
44 Bis(2-chloroethyl)ether	93	5.628	5.617	0.011	93	308624	5.88	
46 2-Chlorophenol	128	5.687	5.671	0.016	91	347177	6.33	
47 1,3-Dichlorobenzene	146	5.820	5.815	0.005	97	309410	5.23	
48 1,4-Dichlorobenzene	146	5.890	5.879	0.011	84	336182	5.72	
49 Benzyl alcohol	108	5.986	5.981	0.005	89	225858	6.68	
50 1,2-Dichlorobenzene	146	6.024	6.018	0.006	94	310605	5.55	
51 2-Methylphenol	108	6.077	6.072	0.005	97	308640	6.24	
52 2,2'-oxybis[1-chloropropane]	45	6.104	6.098	0.006	92	443476	5.76	
191 3 & 4 Methylphenol	108	6.211	6.200	0.011	94	677935	13.1	
56 N-Nitrosodi-n-propylamine	70	6.216	6.211	0.005	91	237141	6.45	
60 Hexachloroethane	117	6.323	6.323	0.0	93	117791	4.93	
61 Nitrobenzene	77	6.377	6.371	0.006	88	342874	6.11	
63 Isophorone	82	6.580	6.574	0.006	97	669148	6.80	
65 2-Nitrophenol	139	6.655	6.649	0.006	92	181646	6.88	
64 2,4-Dimethylphenol	107	6.671	6.671	0.0	82	325492	6.27	
69 Benzoic acid	122		6.735					
68 Bis(2-chloroethoxy)methane	93	6.756	6.756	0.0	99	386876	6.19	

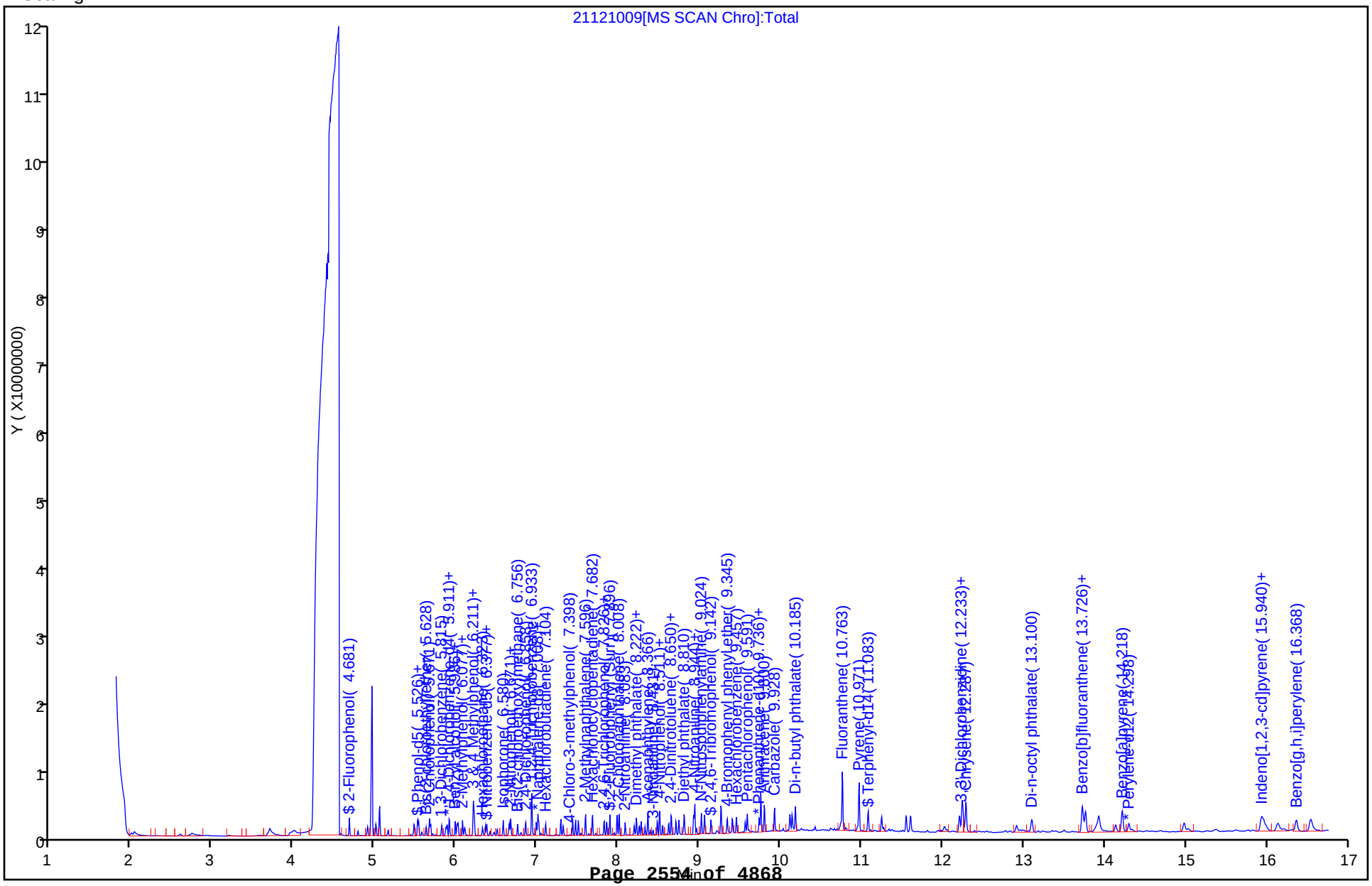
Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
71 2,4-Dichlorophenol	162	6.858	6.853	0.005	94	285441	6.96	
72 1,2,4-Trichlorobenzene	180	6.933	6.933	0.0	86	281391	5.75	
73 Naphthalene	128	7.008	7.002	0.006	96	1001599	6.49	
74 4-Chloroaniline	127	7.045	7.040	0.005	77	83144	1.26	
77 Hexachlorobutadiene	225	7.104	7.104	0.0	88	162868	6.15	
84 4-Chloro-3-methylphenol	107	7.436	7.436	0.0	94	324594	7.37	
85 2-Methylnaphthalene	142	7.596	7.596	0.0	91	652716	6.62	
88 Hexachlorocyclopentadiene	237	7.725	7.724	0.001	89	25994	0.8842	
90 2,4,6-Trichlorophenol	196	7.826	7.826	0.0	90	223385	7.31	
91 2,4,5-Trichlorophenol	196	7.858	7.853	0.005	94	239417	7.27	
98 2-Chloronaphthalene	162	8.008	8.008	0.0	97	620428	6.19	
100 2-Nitroaniline	65	8.083	8.083	0.0	82	215141	7.32	
103 Dimethyl phthalate	163	8.222	8.222	0.0	98	743366	6.98	
105 2,6-Dinitrotoluene	165	8.281	8.281	0.0	89	176886	7.34	
107 Acenaphthylene	152	8.366	8.361	0.005	96	1105236	6.68	
108 3-Nitroaniline	138	8.431	8.425	0.006	95	90175	3.38	
110 Acenaphthene	153	8.511	8.511	0.0	88	668123	6.71	
109 2,4-Dinitrophenol	184	8.516	8.516	0.0	53	24801	3.58	
111 4-Nitrophenol	109	8.548	8.548	0.0	93	109779	7.15	
112 2,4-Dinitrotoluene	165	8.623	8.623	0.0	93	227758	7.04	
114 Dibenzofuran	168	8.655	8.655	0.0	86	983402	6.66	
119 Diethyl phthalate	149	8.810	8.816	-0.006	97	805737	7.23	
121 4-Chlorophenyl phenyl ether	204	8.928	8.928	0.0	92	381669	6.80	
123 4-Nitroaniline	138	8.944	8.944	0.0	48	116151	4.13	
124 Fluorene	166	8.944	8.944	0.0	93	822910	6.94	
126 4,6-Dinitro-2-methylphenol	198	8.965	8.965	0.0	81	82421	4.41	
130 N-Nitrosodiphenylamine	169	9.024	9.024	0.0	0	611605	7.02	
137 4-Bromophenyl phenyl ether	248	9.345	9.345	0.0	61	220714	6.85	
139 Hexachlorobenzene	284	9.409	9.409	0.0	90	230696	6.96	
141 Pentachlorophenol	266	9.564	9.564	0.0	86	134593	6.34	
146 Phenanthrene	178	9.757	9.757	0.0	97	1712654	9.93	
147 Anthracene	178	9.800	9.800	0.0	97	1292817	7.54	
149 Carbazole	167	9.928	9.928	0.0	82	1145876	6.88	
151 Di-n-butyl phthalate	149	10.185	10.185	0.0	99	1412432	7.55	
157 Fluoranthene	202	10.763	10.762	0.001	97	2901802	15.2	
160 Pyrene	202	10.971	10.971	0.0	96	2708753	12.8	
166 Butyl benzyl phthalate	149	11.549	11.549	0.0	97	610503	7.09	
173 3,3'-Dichlorobenzidine	252	12.196	12.191	0.005	2	27595	0.5668	
171 Bis(2-ethylhexyl) phthalate	149	12.212	12.207	0.005	96	891089	7.31	
175 Benzo[a]anthracene	228	12.244	12.244	0.0	98	1973380	10.6	
176 Chrysene	228	12.287	12.287	0.0	94	2019412	11.4	
178 Di-n-octyl phthalate	149	13.100	13.100	0.0	98	1513260	7.19	
180 Benzo[b]fluoranthene	252	13.726	13.726	0.0	95	2419933	12.8	
181 Benzo[k]fluoranthene	252	13.763	13.763	0.0	98	1862897	9.04	
182 Benzo[a]pyrene	252	14.218	14.212	0.006	76	1889266	9.62	
186 Indeno[1,2,3-cd]pyrene	276	15.935	15.929	0.006	98	1593562	7.46	
187 Dibenz(a,h)anthracene	278	15.961	15.956	0.005	94	996354	5.53	
188 Benzo[g,h,i]perylene	276	16.368	16.362	0.006	91	1283630	7.54	

Report Date: 23-Nov-2012 10:11:20 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP7\20121121-15157.b\21121009.D		
Injection Date:	21-Nov-2012 14:25:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	068SS-0003M-0002-SO	Instrument ID:	A4HP7
Lims Batch ID:	65876	Lims Sample ID:	9
Operator ID:	001710	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: 076SD-0009-0001-SO MSD | Lab Sample ID: 240-17317-19 MSD

Matrix: Solid | Lab File ID: 21129019.D

Analysis Method: 8270C/DoD | Date Collected: 11/06/2012 18:15

Extract. Method: 3540C | Date Extracted: 11/16/2012 13:26

Sample wt/vol: 30.40(g) | Date Analyzed: 11/29/2012 16:45

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66702 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
83-32-9	Acenaphthene	492		6.6	3.3	3.3
208-96-8	Acenaphthylene	506		6.6	3.3	3.3
120-12-7	Anthracene	512		6.6	3.3	3.3
56-55-3	Benzo[a]anthracene	516		6.6	3.3	3.3
50-32-8	Benzo[a]pyrene	473		6.6	3.3	3.3
205-99-2	Benzo[b]fluoranthene	577		6.6	3.3	3.3
191-24-2	Benzo[g,h,i]perylene	266	J	6.6	3.3	3.3
65-85-0	Benzoic acid	404	J	650	330	330
207-08-9	Benzo[k]fluoranthene	515		6.6	3.3	3.3
100-51-6	Benzyl alcohol	550		330	27	21
111-91-1	Bis(2-chloroethoxy)methane	479		99	27	22
111-44-4	Bis(2-chloroethyl)ether	509		99	3.3	2.0
108-60-1	bis (2-chloroisopropyl) ether	500		99	27	9.4
117-81-7	Bis(2-ethylhexyl) phthalate	549		49	27	19
101-55-3	4-Bromophenyl phenyl ether	481		49	27	13
85-68-7	Butyl benzyl phthalate	512		49	27	9.9
86-74-8	Carbazole	489		49	27	27
106-47-8	4-Chloroaniline	18.8	J	150	27	17
59-50-7	4-Chloro-3-methylphenol	543		150	27	21
91-58-7	2-Chloronaphthalene	469		49	3.3	3.3
95-57-8	2-Chlorophenol	496		49	27	27
7005-72-3	4-Chlorophenyl phenyl ether	484		49	27	13
218-01-9	Chrysene	546		6.6	3.3	1.1
53-70-3	Dibenz(a,h)anthracene	308		6.6	3.3	3.3
132-64-9	Dibenzofuran	496		49	3.3	3.3
106-46-7	1,4-Dichlorobenzene	469		49	27	20
95-50-1	1,2-Dichlorobenzene	466		49	27	9.6
541-73-1	1,3-Dichlorobenzene	434		49	27	11
91-94-1	3,3'-Dichlorobenzidine	79	U J	99	79	18
120-83-2	2,4-Dichlorophenol	515		150	27	20
84-66-2	Diethyl phthalate	509		49	27	16
105-67-9	2,4-Dimethylphenol	503		150	79	20
131-11-3	Dimethyl phthalate	500		49	27	17
84-74-2	Di-n-butyl phthalate	520		49	27	15

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: 076SD-0009-0001-SO MSD | Lab Sample ID: 240-17317-19 MSD

Matrix: Solid | Lab File ID: 21129019.D

Analysis Method: 8270C/DoD | Date Collected: 11/06/2012 18:15

Extract. Method: 3540C | Date Extracted: 11/16/2012 13:26

Sample wt/vol: 30.40(g) | Date Analyzed: 11/29/2012 16:45

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66702 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
534-52-1	4,6-Dinitro-2-methylphenol	398		150	79	79
51-28-5	2,4-Dinitrophenol	394		330	79	79
121-14-2	2,4-Dinitrotoluene	538		200	27	27
606-20-2	2,6-Dinitrotoluene	541		200	27	21
117-84-0	Di-n-octyl phthalate	623		49	27	27
206-44-0	Fluoranthene	584		6.6	3.3	3.3
86-73-7	Fluorene	485		6.6	3.3	3.3
118-74-1	Hexachlorobenzene	471		6.6	3.3	2.1
87-68-3	Hexachlorobutadiene	432		49	27	27
77-47-4	Hexachlorocyclopentadiene	27	U	330	27	27
67-72-1	Hexachloroethane	140	J	49	27	8.9
193-39-5	Indeno[1,2,3-cd]pyrene	311		6.6	3.3	3.3
78-59-1	Isophorone	530		49	27	13
91-57-6	2-Methylnaphthalene	501		6.6	3.3	3.3
95-48-7	2-Methylphenol	549		200	79	79
15831-10-4	3 & 4 Methylphenol	1080		390	79	20
91-20-3	Naphthalene	497		6.6	3.3	3.3
88-74-4	2-Nitroaniline	527		200	27	9.0
99-09-2	3-Nitroaniline	79	U J	200	79	16
100-01-6	4-Nitroaniline	27	U J	200	27	26
98-95-3	Nitrobenzene	470		99	3.3	2.2
88-75-5	2-Nitrophenol	500		49	27	27
100-02-7	4-Nitrophenol	505		330	79	79
621-64-7	N-Nitrosodi-n-propylamine	530		49	27	27
86-30-6	N-Nitrosodiphenylamine	475		49	27	21
87-86-5	Pentachlorophenol	418		150	79	79
85-01-8	Phenanthrene	526		6.6	3.3	3.3
108-95-2	Phenol	545		49	27	27
129-00-0	Pyrene	535		6.6	3.3	3.3
120-82-1	1,2,4-Trichlorobenzene	412		49	27	27
95-95-4	2,4,5-Trichlorophenol	494		150	27	25
88-06-2	2,4,6-Trichlorophenol	521		150	79	79

FORM I
GC/MS SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: 076SD-0009-0001-SO MSD | Lab Sample ID: 240-17317-19 MSD

Matrix: Solid | Lab File ID: 21129019.D

Analysis Method: 8270C/DoD | Date Collected: 11/06/2012 18:15

Extract. Method: 3540C | Date Extracted: 11/16/2012 13:26

Sample wt/vol: 30.40(g) | Date Analyzed: 11/29/2012 16:45

Con. Extract Vol.: 2(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | Level: (low/med) Low

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 66702 | Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
321-60-8	2-Fluorobiphenyl (Surr)	68		45-105
367-12-4	2-Fluorophenol (Surr)	73		35-105
4165-60-0	Nitrobenzene-d5 (Surr)	73		35-100
1718-51-0	Terphenyl-d14 (Surr)	73		30-125
118-79-6	2,4,6-Tribromophenol (Surr)	79		35-125
4165-62-2	Phenol-d5 (Surr)	79		40-100

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129019.D
Lims ID: 240-17317-A-19-O MSD Client ID: 076SD-0009-0001-SO
Inject. Date: 29-Nov-2012 16:45:30 Dil. Factor: 1.0000
Sample Type: MSD
Sample ID: 240-0015370-019
Misc. Info.: 240-17317-A-19-O MSD =240-17317-A-19-O MSD
Operator: 001574 Instrument ID: A4HP9
Injection Vol: 1.0 ul ALS Bottle#: 19
Lims Batch ID: 66702 Lims Sample ID: 19
Detector: MS SCAN

Method: \\Ncchrom\ChromData\A4HP9\20121129-15370.b\8270 _9.m
Last Update: 03-Dec-2012 11:22:36 Calib Date: 28-Nov-2012 18:11:30
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A4HP9\20121128-15348.b\21127110.D
Limit Group: MSS 8270 DOD ICAL
Integrator: RTE ID Type: Deconvolution ID
Column Type: 5% phenyl Column Dia: 0.18 mm
Process Host: CORP-CTX-18

First Level Reviewer: ulmanm Date: 30-Nov-2012 07:45:47

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
* 1 1,4-Dichlorobenzene-d4	152	5.907	5.907	0.0	85	63180	4.00	
* 2 Naphthalene-d8	136	7.013	7.013	0.0	98	268242	4.00	
* 3 Acenaphthene-d10	164	8.503	8.503	0.0	78	167260	4.00	
* 4 Phenanthrene-d10	188	9.764	9.764	0.0	78	284434	4.00	
* 5 Chrysene-d12	240	12.312	12.307	0.005	72	280004	4.00	
* 6 Perylene-d12	264	14.380	14.374	0.006	91	191311	4.00	
$ 7 2-Fluorophenol	112	4.689	4.662	0.027	92	279478	11.0	
$ 8 Phenol-d5	99	5.554	5.544	0.010	0	415395	11.8	
$ 9 Nitrobenzene-d5	82	6.388	6.388	0.0	82	275074	7.29	
$ 10 2-Fluorobiphenyl (Surr)	172	7.921	7.921	0.0	98	347363	6.84	
$ 11 2,4,6-Tribromophenol	330	9.171	9.171	0.0	85	71324	11.8	
$ 12 Terphenyl-d14	244	11.121	11.121	0.0	98	403326	7.26	
20 Dimethylformamide	1		0.000					
19 Octachlorostyrene	1		0.000					
22 Bis(2-hydroxyphenyl)methane	1		0.000					
13 Octachlorocyclopentene	1		0.000					
23 2,5-Dichlorophenol	1		0.000					
18 Bis(4-hydroxyphenyl)methane	1		0.000					
16 2,3-Dichlorophenol	1		0.000					
31 2-Picoline	93		2.310					9
32 N-Nitrosomethylethylamine	88		2.374					9
25 1,4-Dioxane	88	2.504	2.520	-0.016	71	41891	2.84	
34 Methyl methanesulfonate	80		2.587					
30 3-Picoline	93		2.651					
233 n,n'-Dimethylacetamide	44		2.662					
35 Acrylamide	71		2.744					
36 N-Nitrosodiethylamine	102		2.897					9
26 N-Nitrosodimethylamine	74	2.974	2.969	0.005	83	140518	6.90	
27 Pyridine	79	3.028	3.027	0.001	82	135868	3.89	
37 Ethyl methanesulfonate	79		3.105					9

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
38 2-Methylcyclohexanone	68		3.292					
39 3-Methylcyclohexanone	69		3.319					
40 4-Methylcyclohexanone	55		3.356					
45 Pentachloroethane	167		3.501					
42 Phenylmercaptan	110		3.596					
28 Ethyl methacrylate	69		3.658					
232 1-Methyl-2-pyrrilidinone	99		3.880					
56 N-Nitrosopyrrolidine	100		3.992					
59 N-Nitrosomorpholine	56		4.013					
29 3-Chloropropionitrile	54		4.021					9
60 2-Toluidine	106		4.040					
52 Indene	115		4.084					
63 N-Nitrosopiperidine	114		4.254					
33 Malononitrile	66		4.352					9
68 o,o',o''-Triethylphosphorothioat	198		4.435					
17 4-Chlorophenol	128		4.500					9
24 Catechol	110		4.592					9
72 alpha,alpha-Dimethyl phenethylam	58		4.601					
77 2,6-Dichlorophenol	162		4.729					
78 Hexachloropropene	213		4.756					
15 3-Methylcatechol	124		4.913					
83 N-Nitrosodi-n-butylamine	84		4.953					9
85 p-Phenylene diamine	108		4.969					
14 4-Methylcatechol	124		5.036					9
81 Benzothiazole	135		5.046					
82 Quinoline	129		5.099					
94 Safrole, Total	162		5.119					
91 1,2,4,5-Tetrachlorobenzene	216		5.327					
225 Isosafrole Peak 1	162		5.333					
227 Isosafrole Peak 2	162		5.498					
41 Benzaldehyde	77	5.512	5.512	0.0	86	225375	8.15	
43 Phenol	94	5.570	5.560	0.010	96	317663	8.29	
44 Aniline	93	5.608	5.602	0.006	89	42356	0.8769	
69 Bis(2-chloroethyl)ether	93	5.661	5.656	0.005	96	232910	7.73	
103 1,4-Naphthoquinone	158		5.680					
46 2-Chlorophenol	128	5.720	5.709	0.011	88	169229	7.54	
104 1,4-Dinitrobenzene	168		5.712					
96 3,4-Dichloronitrobenzene	109		5.725					9
106 1,3-Dinitrobenzene	168		5.771					
101 Phenyl ether	170		5.773					
47 1,3-Dichlorobenzene	146	5.854	5.853	0.001	89	160130	6.60	
48 1,4-Dichlorobenzene	146	5.923	5.918	0.005	75	172774	7.12	
49 Benzyl alcohol	108	6.014	6.014	0.0	84	143566	8.35	
50 1,2-Dichlorobenzene	146	6.057	6.056	0.001	77	160645	7.09	
115 Pentachlorobenzene	250		6.091					
51 2-Methylphenol	108	6.105	6.099	0.006	95	205235	8.35	
53 2,2'-oxybis[1-chloropropane]	45	6.137	6.137	0.0	96	201682	7.60	
117 1-Naphthylamine	143		6.166					
119 2,3,4,6-Tetrachlorophenol	232		6.203					
120 2-Naphthylamine	143		6.225					
21 3 & 4 Methylphenol	108	6.238	6.233	0.005	96	434923	16.4	
57 N-Nitrosodi-n-propylamine	70	6.244	6.243	0.001	72	199980	8.06	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
58 Acetophenone	105	6.254	6.249	0.005	90	321423	8.17	
122 Thionazin	97		6.305					
61 Hexachloroethane	117	6.356	6.356	0.0	82	23746	2.14	
124 N-Nitro-o-toluidine	152		6.358					
127 Tributyl phosphate	99		6.379					
62 Nitrobenzene	77	6.404	6.404	0.0	73	284166	7.14	
130 Diphenylamine	169		6.428					
134 Sulfotepp	202		6.518					
64 Isophorone	82	6.607	6.607	0.0	95	561953	8.06	
135 1,3,5-Trinitrobenzene	213		6.614					
228 Diallate Peak 1	86		6.630					
138 Phorate	121		6.636					9
137 Phenacetin	108		6.641					9
66 2-Nitrophenol	139	6.682	6.676	0.006	95	92080	7.60	
67 1,3,5-Trichlorobenzene	180		6.692					
230 Diallate Peak 2	86		6.695					9
65 2,4-Dimethylphenol	107	6.698	6.697	0.001	94	238737	7.65	
71 Benzoic acid	122	6.740	6.756	-0.016	76	70853	6.14	
140 Dimethoate	87		6.764					
70 Bis(2-chloroethoxy)methane	93	6.783	6.783	0.0	98	279483	7.28	
73 2,4-Dichlorophenol	162	6.879	6.879	0.0	90	146997	7.83	
129 4-Aminobiphenyl	169		6.892					
144 Pronamide	173		6.919					
145 Pentachloronitrobenzene	237		6.919					
74 1,2,4-Trichlorobenzene	180	6.959	6.959	0.0	80	148019	6.27	
146 Disulfoton	88		7.010					9
147 Dinoseb	211		7.020					
75 Naphthalene	128	7.034	7.034	0.0	97	510448	7.56	
76 4-Chloroaniline	127	7.066	7.066	0.0	30	8214	0.2850	
79 Hexachlorobutadiene	225	7.130	7.130	0.0	90	83122	6.57	
80 1,2,3-Trichlorobenzene	180		7.152					
152 Methyl parathion	109		7.282					
84 Caprolactam	113	7.349	7.349	0.0	82	50764	6.32	
86 4-Chloro-3-methylphenol	107	7.456	7.456	0.0	84	220590	8.26	
155 Ethyl Parathion	97		7.560					
156 4-Nitroquinoline-1-oxide	190		7.613					
153 Diphenylsulfone	125		7.616					
87 2-Methylnaphthalene	142	7.622	7.622	0.0	84	341222	7.62	
157 Methapyrilene	58		7.645					9
88 1-Methylnaphthalene	142	7.707	7.702	0.005	81	318740	7.42	
90 1,2,3,5-Tetrachlorobenzene	216		7.745					
89 Hexachlorocyclopentadiene	237		7.750					
158 Isodrin	66		7.816					
92 2,4,6-Trichlorophenol	196	7.846	7.846	0.0	82	111429	7.92	
93 2,4,5-Trichlorophenol	196	7.878	7.878	0.0	87	113744	7.51	
97 2,4-Toluene diamine	121		7.990					
99 1,2,3,4 -Tetrachlorobenzene	216		8.001					
98 1,1'-Biphenyl	154	8.006	8.012	-0.006	96	411704	7.23	
100 2-Chloronaphthalene	162	8.033	8.033	0.0	97	317841	7.13	
102 2-Nitroaniline	65	8.108	8.108	0.0	74	151509	8.02	
226 Aramite Peak 1	185		8.131					
229 Aramite Peak 2	185		8.185					

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
105 Dimethyl phthalate	163	8.247	8.247	0.0	92	392282	7.60	
163 p-Dimethylamino azobenzene	225		8.276					
164 Chlorobenzilate	139		8.297					
107 2,6-Dinitrotoluene	165	8.306	8.305	0.001	75	90349	8.23	
108 1,2-Dinitrobenzene	168	8.354	8.354	0.0	78	41057	7.27	
109 Acenaphthylene	152	8.391	8.391	0.0	91	524975	7.69	
110 3-Nitroaniline	138		8.450					2
167 Famphur	218		8.473					
169 3,3'-Dimethylbenzidine	212		8.516					9
111 2,4-Dinitrophenol	184	8.535	8.535	0.0	52	27622	5.98	
112 Acenaphthene	153	8.535	8.535	0.0	93	329903	7.48	
113 4-Nitrophenol	109	8.567	8.567	0.0	86	73221	7.68	
114 2,4-Dinitrotoluene	165	8.648	8.647	0.001	82	119234	8.18	
116 Dibenzofuran	168	8.680	8.679	0.001	82	471128	7.54	
171 2-Acetylaminofluorene	181		8.713					9
118 2,3,5,6-Tetrachlorophenol	232	8.738	8.733	0.005	82	93534	7.33	
121 Diethyl phthalate	149	8.840	8.840	0.0	96	390520	7.74	
123 4-Chlorophenyl phenyl ether	204	8.957	8.957	0.0	92	199971	7.35	
125 4-Nitroaniline	138		8.968					
126 Fluorene	166	8.968	8.968	0.0	73	391801	7.38	
128 4,6-Dinitro-2-methylphenol	198	8.989	8.989	0.0	70	54348	6.05	
131 N-Nitrosodiphenylamine	169	9.048	9.048	0.0	95	273421	7.21	
132 1,2-Diphenylhydrazine	77	9.091	9.091	0.0	99	658083	7.80	
133 Azobenzene	77	9.091	9.091	0.0	94	658243	7.80	
176 Hexabromobenzene	232		9.208					
139 4-Bromophenyl phenyl ether	248	9.369	9.374	-0.005	69	105865	7.30	
141 Hexachlorobenzene	284	9.433	9.433	0.0	75	106783	7.16	
142 Atrazine	200	9.486	9.481	0.005	81	103093	8.76	
179 6-Methylchrysene	242		9.576					9
143 Pentachlorophenol	266	9.593	9.593	0.0	77	59046	6.36	
148 Phenanthrene	178	9.785	9.785	0.0	87	638484	8.00	
149 Anthracene	178	9.828	9.828	0.0	83	606095	7.78	
181 7,12-Dimethylbenz(a)anthracene	256		9.856					9
151 Carbazole	167	9.956	9.951	0.005	83	516977	7.44	
154 Di-n-butyl phthalate	149	10.213	10.213	0.0	99	680582	7.91	
185 3-Methylcholanthrene	268		10.594					
159 Fluoranthene	202	10.806	10.795	0.011	92	787139	8.88	
160 Benzidine	184		10.891					9
161 Pyrene	202	11.003	11.003	0.0	93	774975	8.13	
166 4,4'-DDE	246		11.061					9
165 4,4'-DDD	235		11.430					
168 Butyl benzyl phthalate	149	11.596	11.596	0.0	87	300719	7.78	
170 4,4'-DDT	235		11.718					
187 Dibenz[a,h]acridine	279		11.729					
186 Dibenz[a,j]acridine	279		11.804					
172 3,3'-Dimethoxybenzidine	244		12.200					9
174 4,4'-Methylene bis(2-chloroanili	231		12.243					
175 3,3'-Dichlorobenzidine	252		12.243					
173 Bis(2-ethylhexyl) phthalate	149	12.269	12.269	0.0	95	450161	8.34	
177 Benzo[a]anthracene	228	12.296	12.296	0.0	90	653876	7.84	
178 Chrysene	228	12.344	12.344	0.0	87	644102	8.29	
180 Di-n-octyl phthalate	149	13.178	13.177	0.001	98	726061	9.47	

Compound	Sig	RT	ADJ RT	DLT RT	Q	Response	On-Col Amt ng/ul	Flags
182 Benzo[b]fluoranthene	252	13.797	13.797	0.0	88	548857	8.76	
183 Benzo[k]fluoranthene	252	13.840	13.835	0.005	89	518871	7.82	
184 Benzo[a]pyrene	252	14.294	14.294	0.0	75	423934	7.19	
188 Indeno[1,2,3-cd]pyrene	276	16.041	16.030	0.011	87	313615	4.72	
189 Dibenz(a,h)anthracene	278	16.068	16.057	0.011	82	249539	4.68	
190 Benzo[g,h,i]perylene	276	16.484	16.474	0.010	84	228146	4.05	
S 191 Methyl Phenols,Total	100				0		24.7	
S 95 Isosafrole	162		5.568					7
S 136 Diallate	86		6.701					7
S 162 Aramite, Total	185		8.271					7
T 192 Octadecane (TIC)	57		0.000					
T 195 Hydroquinone TIC	110		0.000					1
T 194 Decane TIC	57		0.000					1
T 240 Trimethyl phosphate TIC	110		3.120					1
T 234 2-Isopropylphenol TIC	121		4.623					1
T 236 3-isopropylphenol TIC	121		4.756					1
T 235 4-isopropylphenol TIC	121		4.756					1
T 193 Hexamethylphosphoramide TIC	135		5.100					1
T 237 3-(1,1-Dimethylethyl Phenol) TIC	135		5.110					1
T 196 Kepone TIC	272		8.281					
T 242 Triphenyl Phosphate TIC	326		8.700					1
T 238 2,3,7,8-TCDD TIC	1		9.000					1
T 231 2,3,7,8-TCDD	322		9.150					1
T 197 Hexachlorophene TIC	198		9.269					
T 241 Tricresyl phosphate TIC	368		9.372					1
T 239 Tris(2,3-dibromopropyl)phosphate	201		10.600					1

QC Flag Legend

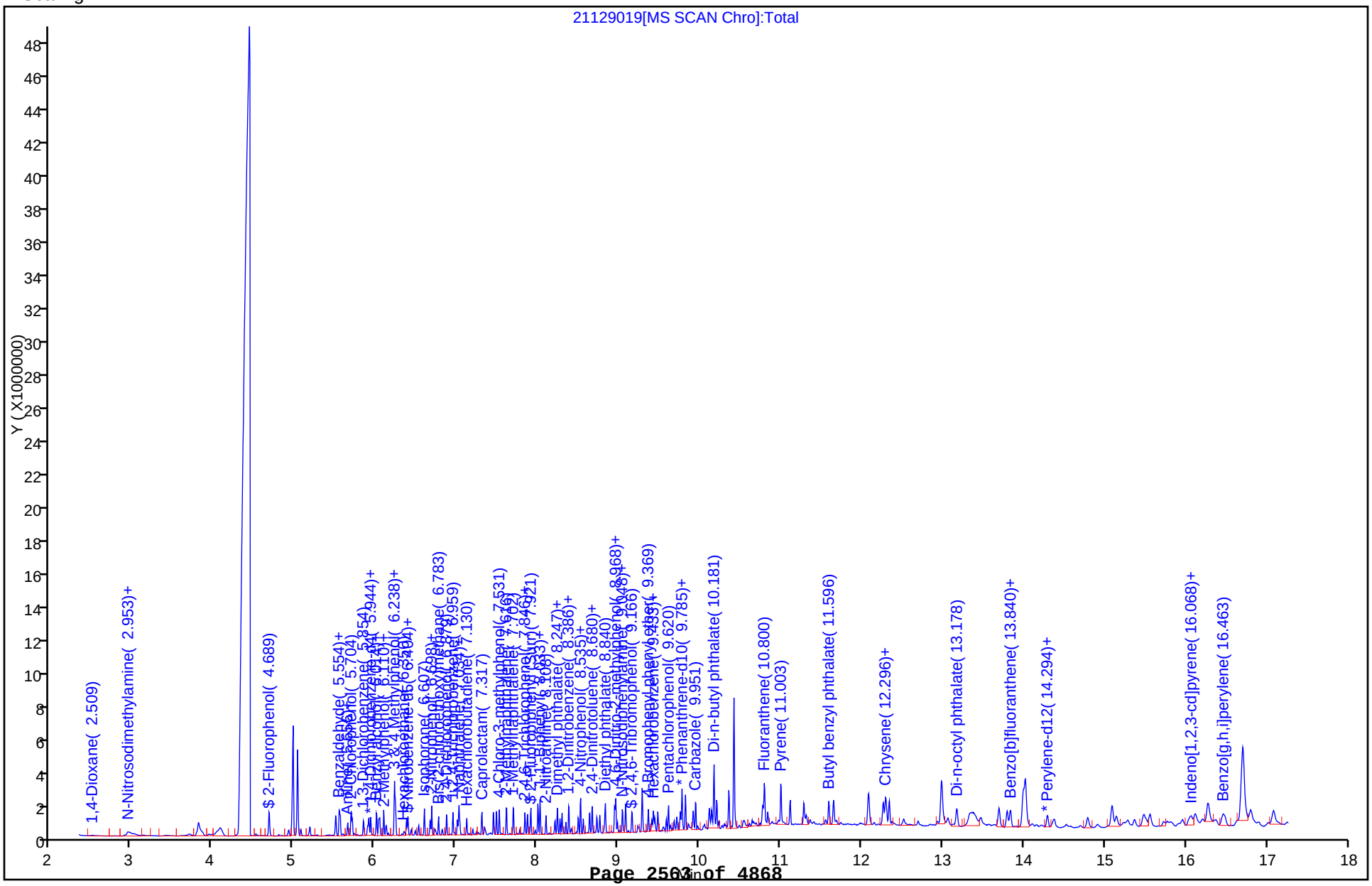
Processing Flags
1 - Missing Peaks
2 - Failed Coelution Test
7 - Failed Limit of Detection
9 - Failed A Reference Spectral Test

Report Date: 03-Dec-2012 11:22:40 Chrom Revision: 2.0 27-Nov-2012 13:14:12

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A4HP9\20121129-15370.b\21129019.D		
Injection Date:	29-Nov-2012 16:45:30	Limit Group:	MSS 8270 DOD ICAL
Client ID:	076SD-0009-0001-SO	Instrument ID:	A4HP9
Lims Batch ID:	66702	Lims Sample ID:	19
Operator ID:	001574	Injection Vol:	1.0 ul
Column Type:	5% phenyl	Column Dia:	0.18 mm

Y Scaling:



GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Instrument ID: A4HP7 Start Date: 11/07/2012 11:21

Analysis Batch Number: 64102 End Date: 11/07/2012 14:51

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 240-64102/1		11/07/2012 11:21	1	21107001.D	RXI-5SILMS 0.45(mm)
STD5 240-64102/2 IC		11/07/2012 11:44	1	21107002.D	RXI-5SILMS 0.45(mm)
STD4 240-64102/3 IC		11/07/2012 12:07	1	21107003.D	RXI-5SILMS 0.45(mm)
STD3 240-64102/4 IC		11/07/2012 12:31	1	21107004.D	RXI-5SILMS 0.45(mm)
STD2 240-64102/5 IC		11/07/2012 12:54	1	21107005.D	RXI-5SILMS 0.45(mm)
STD1 240-64102/6 IC		11/07/2012 13:18	1	21107006.D	RXI-5SILMS 0.45(mm)
STD9 240-64102/7 IC		11/07/2012 13:41	1	21107007.D	RXI-5SILMS 0.45(mm)
STD8 240-64102/8 IC		11/07/2012 14:05	1	21107008.D	RXI-5SILMS 0.45(mm)
STD7 240-64102/9 IC		11/07/2012 14:28	1	21107009.D	RXI-5SILMS 0.45(mm)
STD6 240-64102/10 ICIS		11/07/2012 14:51	1	21107010.D	RXI-5SILMS 0.45(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Instrument ID: A4HP7 Start Date: 11/21/2012 11:18

Analysis Batch Number: 65876 End Date: 11/21/2012 22:58

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 240-65876/1		11/21/2012 11:18	1	21121001.D	RXI-5SILMS 0.45(mm)
CCV 240-65876/2		11/21/2012 11:41	1	21121002.D	RXI-5SILMS 0.45(mm)
ICV 240-65876/3		11/21/2012 12:04	1	21121003.D	RXI-5SILMS 0.45(mm)
MRL 240-65876/4		11/21/2012 12:28	1	21121004.D	RXI-5SILMS 0.45(mm)
MB 240-65352/23-A		11/21/2012 12:51	1	21121005.D	RXI-5SILMS 0.45(mm)
LCS 240-65352/24-A		11/21/2012 13:15	1	21121006.D	RXI-5SILMS 0.45(mm)
240-17317-7	068SS-0003M-0001-SO	11/21/2012 13:38	1	21121007.D	RXI-5SILMS 0.45(mm)
240-17317-7 MS	068SS-0003M-0001-SO MS	11/21/2012 14:01	1	21121008.D	RXI-5SILMS 0.45(mm)
240-17317-7 MSD	068SS-0003M-0001-SO MSD	11/21/2012 14:25	1	21121009.D	RXI-5SILMS 0.45(mm)
240-17317-5	068SS-0001M-0001-SO	11/21/2012 14:48	1	21121010.D	RXI-5SILMS 0.45(mm)
240-17317-6	068SS-0002M-0001-SO	11/21/2012 15:12	1	21121011.D	RXI-5SILMS 0.45(mm)
240-17317-8	068SS-0004M-0001-SO	11/21/2012 15:35	5	21121012.D	RXI-5SILMS 0.45(mm)
240-17317-1	076SS-0002M-0001-SO	11/21/2012 15:59	5	21121013.D	RXI-5SILMS 0.45(mm)
240-17317-4	076SS-0006M-0001-SO	11/21/2012 16:22	5	21121014.D	RXI-5SILMS 0.45(mm)
240-17317-3	076SS-0005M-0001-SO	11/21/2012 16:46	2.5	21121015.D	RXI-5SILMS 0.45(mm)
240-17317-2	076SS-0001M-0001-SO	11/21/2012 17:09	12.5	21121016.D	RXI-5SILMS 0.45(mm)
MRL 240-65876/17		11/21/2012 17:33	1	21121017.D	RXI-5SILMS 0.45(mm)
mdll1 LODV		11/21/2012 17:56	1	21121018.D	RXI-5SILMS 0.45(mm)
mdll2 LODV		11/21/2012 18:20	1	21121019.D	RXI-5SILMS 0.45(mm)
mdll3 LODV		11/21/2012 18:43	1	21121020.D	RXI-5SILMS 0.45(mm)
mdll4 LODV		11/21/2012 19:06	1	21121021.D	RXI-5SILMS 0.45(mm)
ZZZZZ		11/21/2012 19:29	1		RXI-5SILMS 0.45(mm)
ZZZZZ		11/21/2012 19:53	1		RXI-5SILMS 0.45(mm)
ZZZZZ		11/21/2012 20:16	1		RXI-5SILMS 0.45(mm)
ZZZZZ		11/21/2012 20:39	1		RXI-5SILMS 0.45(mm)
ZZZZZ		11/21/2012 21:02	1		RXI-5SILMS 0.45(mm)
ZZZZZ		11/21/2012 21:26	1		RXI-5SILMS 0.45(mm)
ZZZZZ		11/21/2012 21:49	1		RXI-5SILMS 0.45(mm)
ZZZZZ		11/21/2012 22:12	1		RXI-5SILMS 0.45(mm)
ZZZZZ		11/21/2012 22:35	1		RXI-5SILMS 0.45(mm)
ZZZZZ		11/21/2012 22:58	1		RXI-5SILMS 0.45(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Instrument ID: A4HP7 Start Date: 11/23/2012 09:05

Analysis Batch Number: 66051 End Date: 11/23/2012 16:31

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 240-66051/1		11/23/2012 09:05	1	21123001.D	RXI-5SILMS 0.45(mm)
CCV 240-66051/2		11/23/2012 09:55	1	21123002.D	RXI-5SILMS 0.45(mm)
MRL 240-66051/3		11/23/2012 10:18	1	21123003.D	RXI-5SILMS 0.45(mm)
ZZZZZ		11/23/2012 10:41	1		RXI-5SILMS 0.45(mm)
ZZZZZ		11/23/2012 11:05	1		RXI-5SILMS 0.45(mm)
ZZZZZ		11/23/2012 11:28	1		RXI-5SILMS 0.45(mm)
ZZZZZ		11/23/2012 11:51	1		RXI-5SILMS 0.45(mm)
ZZZZZ		11/23/2012 12:15	1		RXI-5SILMS 0.45(mm)
ZZZZZ		11/23/2012 12:38	1		RXI-5SILMS 0.45(mm)
ZZZZZ		11/23/2012 13:01	1		RXI-5SILMS 0.45(mm)
ZZZZZ		11/23/2012 13:25	4		RXI-5SILMS 0.45(mm)
ZZZZZ		11/23/2012 13:48	1		RXI-5SILMS 0.45(mm)
240-17317-9	076SS-0004M-0001-SO	11/23/2012 14:12	10	21123025.D	RXI-5SILMS 0.45(mm)
MRL 240-66051/13		11/23/2012 14:35	1	21123013.D	RXI-5SILMS 0.45(mm)
mdll1 LODV		11/23/2012 14:58	1	21123014.D	RXI-5SILMS 0.45(mm)
mdll2 LODV		11/23/2012 15:21	1	21123015.D	RXI-5SILMS 0.45(mm)
mdll3 LODV		11/23/2012 15:45	1	21123016.D	RXI-5SILMS 0.45(mm)
mdll4 LODV		11/23/2012 16:08	1	21123017.D	RXI-5SILMS 0.45(mm)
ZZZZZ		11/23/2012 16:31	1		RXI-5SILMS 0.45(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Instrument ID: A4HP9 Start Date: 11/28/2012 14:08

Analysis Batch Number: 66620 End Date: 11/29/2012 01:38

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 240-66620/1		11/28/2012 14:08	1	21127101.D	RXI-5SILMS 0.45(mm)
STD5 240-66620/2 IC		11/28/2012 14:27	1	21127102.D	RXI-5SILMS 0.45(mm)
STD4 240-66620/3 IC		11/28/2012 14:52	1	21127103.D	RXI-5SILMS 0.45(mm)
STD3 240-66620/4 IC		11/28/2012 15:17	1	21127104.D	RXI-5SILMS 0.45(mm)
STD2 240-66620/5 IC		11/28/2012 16:06	1	21127105.D	RXI-5SILMS 0.45(mm)
STD1 240-66620/6 IC		11/28/2012 16:31	1	21127106.D	RXI-5SILMS 0.45(mm)
STD9 240-66620/7 IC		11/28/2012 16:56	1	21127107.D	RXI-5SILMS 0.45(mm)
STD8 240-66620/8 IC		11/28/2012 17:21	1	21127108.D	RXI-5SILMS 0.45(mm)
STD7 240-66620/9 IC		11/28/2012 17:46	1	21127109.D	RXI-5SILMS 0.45(mm)
STD6 240-66620/10 ICIS		11/28/2012 18:11	1	21127110.D	RXI-5SILMS 0.45(mm)
ICV 240-66620/12		11/28/2012 19:01	1	21127112.D	RXI-5SILMS 0.45(mm)
ZZZZZ		11/28/2012 19:26	1		RXI-5SILMS 0.45(mm)
ZZZZZ		11/28/2012 19:50	1		RXI-5SILMS 0.45(mm)
ZZZZZ		11/28/2012 20:15	1		RXI-5SILMS 0.45(mm)
ZZZZZ		11/28/2012 20:40	1		RXI-5SILMS 0.45(mm)
ZZZZZ		11/28/2012 21:05	1		RXI-5SILMS 0.45(mm)
ZZZZZ		11/28/2012 21:30	1		RXI-5SILMS 0.45(mm)
ZZZZZ		11/28/2012 21:55	1		RXI-5SILMS 0.45(mm)
ZZZZZ		11/28/2012 22:19	1		RXI-5SILMS 0.45(mm)
ZZZZZ		11/28/2012 22:44	1		RXI-5SILMS 0.45(mm)
ZZZZZ		11/28/2012 23:09	1		RXI-5SILMS 0.45(mm)
ZZZZZ		11/28/2012 23:34	1		RXI-5SILMS 0.45(mm)
ZZZZZ		11/28/2012 23:59	1		RXI-5SILMS 0.45(mm)
ZZZZZ		11/29/2012 00:24	1		RXI-5SILMS 0.45(mm)
ZZZZZ		11/29/2012 00:48	1		RXI-5SILMS 0.45(mm)
ZZZZZ		11/29/2012 01:13	1		RXI-5SILMS 0.45(mm)
ZZZZZ		11/29/2012 01:38	4		RXI-5SILMS 0.45(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Instrument ID: A4HP9 Start Date: 11/29/2012 08:03

Analysis Batch Number: 66702 End Date: 11/29/2012 19:11

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 240-66702/1		11/29/2012 08:03	1	21129001.D	RXI-5SILMS 0.45(mm)
CCV 240-66702/2		11/29/2012 08:23	1	21129002.D	RXI-5SILMS 0.45(mm)
MRL 240-66702/3		11/29/2012 08:48	1	21129003.D	RXI-5SILMS 0.45(mm)
MB 240-65386/21-A		11/29/2012 09:13	1	21129004.D	RXI-5SILMS 0.45(mm)
LCS 240-65386/22-A		11/29/2012 09:38	1	21129005.D	RXI-5SILMS 0.45(mm)
ZZZZZ		11/29/2012 10:02	1		RXI-5SILMS 0.45(mm)
ZZZZZ		11/29/2012 10:27	1		RXI-5SILMS 0.45(mm)
240-17317-14	068SS-0005M-0001-SO	11/29/2012 10:52	1	21129008.D	RXI-5SILMS 0.45(mm)
240-17317-15	068SS-0006M-0001-SO	11/29/2012 11:17	1	21129009.D	RXI-5SILMS 0.45(mm)
240-17317-16	068SS-0007M-0001-SO	11/29/2012 11:41	1	21129010.D	RXI-5SILMS 0.45(mm)
ZZZZZ		11/29/2012 12:05	5		RXI-5SILMS 0.45(mm)
240-17317-10	076SS-0003M-0001-SO	11/29/2012 12:30	10	21129012.D	RXI-5SILMS 0.45(mm)
240-17317-22	076SD-0012-0001-SO	11/29/2012 12:54	5	21129013.D	RXI-5SILMS 0.45(mm)
MRL 240-66702/14		11/29/2012 13:19	1	21129014.D	RXI-5SILMS 0.45(mm)
mdll1 LODV		11/29/2012 13:54	1	21129023.D	RXI-5SILMS 0.45(mm)
mdll2 LODV		11/29/2012 14:18	1	21129025.D	RXI-5SILMS 0.45(mm)
mdll3 LODV		11/29/2012 14:42	1	21129026.D	RXI-5SILMS 0.45(mm)
ZZZZZ		11/29/2012 15:07	1		RXI-5SILMS 0.45(mm)
ZZZZZ		11/29/2012 15:31	1		RXI-5SILMS 0.45(mm)
ZZZZZ		11/29/2012 15:56	1		RXI-5SILMS 0.45(mm)
240-17317-19 MS	076SD-0009-0001-SO MS	11/29/2012 16:20	1	21129018.D	RXI-5SILMS 0.45(mm)
240-17317-19 MSD	076SD-0009-0001-SO MSD	11/29/2012 16:45	1	21129019.D	RXI-5SILMS 0.45(mm)
ZZZZZ		11/29/2012 17:09	1		RXI-5SILMS 0.45(mm)
ZZZZZ		11/29/2012 17:33	1		RXI-5SILMS 0.45(mm)
mdll1 B LODV		11/29/2012 17:58	1	21129022.D	RXI-5SILMS 0.45(mm)
mdll2 B LODV		11/29/2012 18:22	1	21129027.D	RXI-5SILMS 0.45(mm)
mdll3 B LODV		11/29/2012 18:47	1	21129028.D	RXI-5SILMS 0.45(mm)
mdll4 B LODV		11/29/2012 19:11	1	21129029.D	RXI-5SILMS 0.45(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Instrument ID: A4HP9 Start Date: 12/03/2012 11:11

Analysis Batch Number: 67070 End Date: 12/03/2012 22:37

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 240-67070/1		12/03/2012 11:11	1	21203001.D	RXI-5SILMS 0.45(mm)
STD5 240-67070/2 IC		12/03/2012 11:32	1	21203002.D	RXI-5SILMS 0.45(mm)
STD4 240-67070/3 IC		12/03/2012 11:57	1	21203003.D	RXI-5SILMS 0.45(mm)
STD3 240-67070/4 IC		12/03/2012 12:23	1	21203004.D	RXI-5SILMS 0.45(mm)
STD2 240-67070/5 IC		12/03/2012 12:48	1	21203005.D	RXI-5SILMS 0.45(mm)
STD1 240-67070/6 IC		12/03/2012 13:13	1	21203006.D	RXI-5SILMS 0.45(mm)
STD9 240-67070/7 IC		12/03/2012 13:39	1	21203007.D	RXI-5SILMS 0.45(mm)
STD8 240-67070/8 IC		12/03/2012 14:04	1	21203008.D	RXI-5SILMS 0.45(mm)
STD7 240-67070/9 IC		12/03/2012 14:36	1	21203009.D	RXI-5SILMS 0.45(mm)
STD6 240-67070/10 ICIS		12/03/2012 15:01	1	21203010.D	RXI-5SILMS 0.45(mm)
ICV 240-67070/12		12/03/2012 15:52	1	21203012.D	RXI-5SILMS 0.45(mm)
ZZZZZ		12/03/2012 16:18	1		RXI-5SILMS 0.45(mm)
ZZZZZ		12/03/2012 16:43	1		RXI-5SILMS 0.45(mm)
ZZZZZ		12/03/2012 17:08	1		RXI-5SILMS 0.45(mm)
ZZZZZ		12/03/2012 17:34	1		RXI-5SILMS 0.45(mm)
ZZZZZ		12/03/2012 17:59	1		RXI-5SILMS 0.45(mm)
ZZZZZ		12/03/2012 18:24	1		RXI-5SILMS 0.45(mm)
ZZZZZ		12/03/2012 18:50	1		RXI-5SILMS 0.45(mm)
ZZZZZ		12/03/2012 19:15	1		RXI-5SILMS 0.45(mm)
ZZZZZ		12/03/2012 19:40	1		RXI-5SILMS 0.45(mm)
ZZZZZ		12/03/2012 20:06	1		RXI-5SILMS 0.45(mm)
ZZZZZ		12/03/2012 20:31	1		RXI-5SILMS 0.45(mm)
ZZZZZ		12/03/2012 20:56	1		RXI-5SILMS 0.45(mm)
mdl11 LODV		12/03/2012 21:21	1		RXI-5SILMS 0.45(mm)
mdl12 LODV		12/03/2012 21:47	1		RXI-5SILMS 0.45(mm)
mdl13 LODV		12/03/2012 22:12	1		RXI-5SILMS 0.45(mm)
mdl14 LODV		12/03/2012 22:37	1		RXI-5SILMS 0.45(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Instrument ID: A4HP9 Start Date: 12/10/2012 07:31

Analysis Batch Number: 67921 End Date: 12/10/2012 12:11

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 240-67921/1		12/10/2012 07:31	1	21210001.D	RXI-5SILMS 0.45(mm)
CCV 240-67921/2		12/10/2012 07:55	1	21210002.D	RXI-5SILMS 0.45(mm)
MRL 240-67921/3		12/10/2012 08:20	1	21210003.D	RXI-5SILMS 0.45(mm)
240-17317-17	068SS-0008M-0001-SO	12/10/2012 09:39	1	21210006.D	RXI-5SILMS 0.45(mm)
240-17317-18	076SD-0008-0001-SO	12/10/2012 10:04	1	21210007.D	RXI-5SILMS 0.45(mm)
MRL 240-67921/8		12/10/2012 10:28	1	21210008.D	RXI-5SILMS 0.45(mm)
mdll1 LODV		12/10/2012 10:58	1	21210009.D	RXI-5SILMS 0.45(mm)
mdll2 LODV		12/10/2012 11:23	1	21210010.D	RXI-5SILMS 0.45(mm)
mdll3 LODV		12/10/2012 11:47	1	21210011.D	RXI-5SILMS 0.45(mm)
mdll4 LODV		12/10/2012 12:11	1	21210012.D	RXI-5SILMS 0.45(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Instrument ID: A4HP9 Start Date: 12/11/2012 11:50

Analysis Batch Number: 68161 End Date: 12/11/2012 23:24

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 240-68161/1		12/11/2012 11:50	1	21211001.D	RXI-5SILMS 0.45(mm)
STD5 240-68161/2 IC		12/11/2012 12:10	1	21211002.D	RXI-5SILMS 0.45(mm)
STD4 240-68161/3 IC		12/11/2012 12:35	1	21211003.D	RXI-5SILMS 0.45(mm)
STD3 240-68161/4 IC		12/11/2012 12:59	1	21211004.D	RXI-5SILMS 0.45(mm)
STD2 240-68161/5 IC		12/11/2012 13:24	1	21211005.D	RXI-5SILMS 0.45(mm)
STD1 240-68161/6 IC		12/11/2012 13:49	1	21211006.D	RXI-5SILMS 0.45(mm)
STD9 240-68161/7 IC		12/11/2012 14:14	1	21211007.D	RXI-5SILMS 0.45(mm)
STD8 240-68161/8 IC		12/11/2012 14:38	1	21211008.D	RXI-5SILMS 0.45(mm)
STD7 240-68161/9 IC		12/11/2012 15:03	1	21211009.D	RXI-5SILMS 0.45(mm)
STD6 240-68161/10 ICIS		12/11/2012 15:28	1	21211010.D	RXI-5SILMS 0.45(mm)
ICV 240-68161/12		12/11/2012 17:12	1		RXI-5SILMS 0.45(mm)
ZZZZZ		12/11/2012 17:36	1		RXI-5SILMS 0.45(mm)
ZZZZZ		12/11/2012 20:30	1		RXI-5SILMS 0.45(mm)
ZZZZZ		12/11/2012 20:55	1		RXI-5SILMS 0.45(mm)
ZZZZZ		12/11/2012 21:20	1		RXI-5SILMS 0.45(mm)
ZZZZZ		12/11/2012 21:45	1		RXI-5SILMS 0.45(mm)
ZZZZZ		12/11/2012 22:10	1		RXI-5SILMS 0.45(mm)
mdl11 LODV		12/11/2012 22:35	1		RXI-5SILMS 0.45(mm)
mdl12 LODV		12/11/2012 22:59	1		RXI-5SILMS 0.45(mm)
mdl13 LODV		12/11/2012 23:24	1		RXI-5SILMS 0.45(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Instrument ID: A4HP9 Start Date: 12/12/2012 10:38

Analysis Batch Number: 68349 End Date: 12/12/2012 16:26

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 240-68349/1		12/12/2012 10:38	1	21212101.D	RXI-5SILMS 0.45(mm)
CCV 240-68349/2		12/12/2012 11:01	1	21212102.D	RXI-5SILMS 0.45(mm)
ICV 240-68349/3		12/12/2012 11:26	1	21212103.D	RXI-5SILMS 0.45(mm)
MRL 240-68349/4		12/12/2012 11:51	1	21212104.D	RXI-5SILMS 0.45(mm)
ZZZZZ		12/12/2012 13:07	1		RXI-5SILMS 0.45(mm)
ZZZZZ		12/12/2012 13:32	1		RXI-5SILMS 0.45(mm)
ZZZZZ		12/12/2012 13:57	1		RXI-5SILMS 0.45(mm)
240-17317-20	076SD-0010-0001-SO	12/12/2012 14:22	1	21212110.D	RXI-5SILMS 0.45(mm)
MRL 240-68349/11		12/12/2012 14:47	1	21212111.D	RXI-5SILMS 0.45(mm)
mdll1 LODV		12/12/2012 15:11	1	21212112.D	RXI-5SILMS 0.45(mm)
mdll2 LODV		12/12/2012 15:36	1	21212113.D	RXI-5SILMS 0.45(mm)
mdll3 LODV		12/12/2012 16:01	1	21212114.D	RXI-5SILMS 0.45(mm)
mdll4 LODV		12/12/2012 16:26	1	21212115.D	RXI-5SILMS 0.45(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Instrument ID: A4HP9 Start Date: 12/13/2012 14:48

Analysis Batch Number: 68588 End Date: 12/13/2012 20:06

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 240-68588/1		12/13/2012 14:48	1	21213101.D	RXI-5SILMS 0.45(mm)
CCV 240-68588/2		12/13/2012 15:09	1	21213102.D	RXI-5SILMS 0.45(mm)
CCV 240-68588/3		12/13/2012 15:34	1	21213103.D	RXI-5SILMS 0.45(mm)
MRL 240-68588/4		12/13/2012 15:58	1	21213104.D	RXI-5SILMS 0.45(mm)
240-17317-21	076SD-0011-0001-SO	12/13/2012 18:03	1	21213109.D	RXI-5SILMS 0.45(mm)
MRL 240-68588/10		12/13/2012 18:27	1	21213110.D	RXI-5SILMS 0.45(mm)
mdll1 LODV		12/13/2012 18:52	1	21213111.D	RXI-5SILMS 0.45(mm)
mdll2 LODV		12/13/2012 19:17	1	21213112.D	RXI-5SILMS 0.45(mm)
mdll3 LODV		12/13/2012 19:42	1	21213113.D	RXI-5SILMS 0.45(mm)
mdll4 LODV		12/13/2012 20:06	1	21213114.D	RXI-5SILMS 0.45(mm)

GC/MS SEMI VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Instrument ID: A4HP9 Start Date: 12/15/2012 11:22

Analysis Batch Number: 68844 End Date: 12/15/2012 18:41

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
DFTPP 240-68844/1		12/15/2012 11:22	1	21215001.D	RXI-5SILMS 0.45(mm)
CCV 240-68844/2		12/15/2012 11:47	1	21215002.D	RXI-5SILMS 0.45(mm)
MRL 240-68844/3		12/15/2012 12:12	1	21215003.D	RXI-5SILMS 0.45(mm)
ZZZZZ		12/15/2012 12:53	1		RXI-5SILMS 0.45(mm)
ZZZZZ		12/15/2012 13:18	1		RXI-5SILMS 0.45(mm)
240-17317-19	076SD-0009-0001-SO	12/15/2012 14:32	1	21215008.D	RXI-5SILMS 0.45(mm)
MRL 240-68844/9		12/15/2012 14:57	1	21215009.D	RXI-5SILMS 0.45(mm)
mdll1 LODV		12/15/2012 15:22	1	21215010.D	RXI-5SILMS 0.45(mm)
mdll2 LODV		12/15/2012 15:47	1	21215011.D	RXI-5SILMS 0.45(mm)
mdll3 LODV		12/15/2012 16:12	1	21215012.D	RXI-5SILMS 0.45(mm)
mdll4 LODV		12/15/2012 16:36	1	21215013.D	RXI-5SILMS 0.45(mm)
ZZZZZ		12/15/2012 17:01	1		RXI-5SILMS 0.45(mm)
ZZZZZ		12/15/2012 17:26	1		RXI-5SILMS 0.45(mm)
ZZZZZ		12/15/2012 17:51	1		RXI-5SILMS 0.45(mm)
ZZZZZ		12/15/2012 18:16	1		RXI-5SILMS 0.45(mm)
ZZZZZ		12/15/2012 18:41	1		RXI-5SILMS 0.45(mm)

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Batch Number: 65352 Batch Start Date: 11/16/12 15:00 Batch Analyst: Coast, Chris

Batch Method: 3540C Batch End Date: 11/17/12 07:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	EXBNALCS1 00029	EXBNASURRW 00020	EXRESTEKSPKW 00016	
240-17317-A-1-B	076SS-0002M-0001 -SO	3540C, 8270C/DoD	T	30.28 g	2 mL		1 mL		
240-17317-A-2-B	076SS-0001M-0001 -SO	3540C, 8270C/DoD	T	30.09 g	2 mL		1 mL		
240-17317-A-3-B	076SS-0005M-0001 -SO	3540C, 8270C/DoD	T	30.00 g	2 mL		1 mL		
240-17317-A-4-B	076SS-0006M-0001 -SO	3540C, 8270C/DoD	T	29.59 g	2 mL		1 mL		
240-17317-A-5-A	068SS-0001M-0001 -SO	3540C, 8270C/DoD	T	30.15 g	2 mL		1 mL		
240-17317-A-6-A	068SS-0002M-0001 -SO	3540C, 8270C/DoD	T	30.44 g	2 mL		1 mL		
240-17317-A-7-B	068SS-0003M-0001 -SO	3540C, 8270C/DoD	T	29.86 g	2 mL		1 mL		
240-17317-A-7-C MS	068SS-0003M-0001 -SO	3540C, 8270C/DoD	T	30.09 g	2 mL	1 mL	1 mL	1 mL	
240-17317-A-7-D MSD	068SS-0003M-0001 -SO	3540C, 8270C/DoD	T	30.40 g	2 mL	1 mL	1 mL	1 mL	
240-17317-A-8-A	068SS-0004M-0001 -SO	3540C, 8270C/DoD	T	30.23 g	2 mL		1 mL		
240-17317-A-9-B	076SS-0004M-0001 -SO	3540C, 8270C/DoD	T	29.64 g	2 mL		1 mL		
MB 240-65352/23		3540C, 8270C/DoD		30.00 g	2 mL		1 mL		
LCS 240-65352/24		3540C, 8270C/DoD		30.00 g	2 mL	1 mL	1 mL	1 mL	

Batch Notes	
Balance ID	b036
Person's name who did the concentration	cc/lh
Na2SO4 Lot Number	677239
Prep Solvent Lot #	719013

Basis	Basis Description
T	Total/NA

GC/MS SEMI VOA BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Batch Number: 65386 Batch Start Date: 11/16/12 15:00 Batch Analyst: Coast, Chris

Batch Method: 3540C Batch End Date: 11/17/12 07:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	EXBNALCS1 00030	EXBNASURRW 00020	EXRESTEKSPKW 00016	
240-17317-A-10-A	076SS-0003M-0001-SO	3540C, 8270C/DoD	T	29.75 g	2 mL		1 mL		
240-17317-A-14-A	068SS-0005M-0001-SO	3540C, 8270C/DoD	T	30.01 g	2 mL		1 mL		
240-17317-A-15-A	068SS-0006M-0001-SO	3540C, 8270C/DoD	T	30.45 g	2 mL		1 mL		
240-17317-A-16-A	068SS-0007M-0001-SO	3540C, 8270C/DoD	T	30.30 g	2 mL		1 mL		
240-17317-A-17-A	068SS-0008M-0001-SO	3540C, 8270C/DoD	T	29.81 g	2 mL		1 mL		
240-17317-A-18-A	076SD-0008-0001-SO	3540C, 8270C/DoD	T	29.57 g	2 mL		1 mL		
240-17317-A-19-A	076SD-0009-0001-SO	3540C, 8270C/DoD	T	29.62 g	2 mL		1 mL		
240-17317-A-19-B MS	076SD-0009-0001-SO	3540C, 8270C/DoD	T	29.86 g	2 mL	1 mL	1 mL	1 mL	
240-17317-A-19-C MSD	076SD-0009-0001-SO	3540C, 8270C/DoD	T	30.40 g	2 mL	1 mL	1 mL	1 mL	
240-17317-A-20-A	076SD-0010-0001-SO	3540C, 8270C/DoD	T	29.70 g	2 mL		1 mL		
240-17317-A-21-A	076SD-0011-0001-SO	3540C, 8270C/DoD	T	29.93 g	2 mL		1 mL		
240-17317-A-22-A	076SD-0012-0001-SO	3540C, 8270C/DoD	T	29.87 g	2 mL		1 mL		
MB 240-65386/21		3540C, 8270C/DoD		30.00 g	2 mL		1 mL		
LCS 240-65386/22		3540C, 8270C/DoD		30.00 g	2 mL	1 mL	1 mL	1 mL	

Batch Notes	
Balance ID	b036
Person's name who did the concentration	cc/lh
Na2SO4 Lot Number	677237
Prep Solvent Lot #	719012

Basis	Basis Description
T	Total/NA

Method 8015B - GRO

Gasoline Range Organics (GC) by Method 8015B

FORM II
GASOLINE RANGE ORGANICS SURROGATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): RTX-VRX ID: 0.45 (mm)

Client Sample ID	Lab Sample ID	TFT1 #
070SS-0006M-0001-SO	240-17317-11	69
070SS-0007M-0001-SO	240-17317-12	53
070SS-0002M-0001-SO	240-17317-13	69
	MB 240-65273/11	73
	LCS 240-65273/12	87
070SS-0006M-0001-SO MS	240-17317-11 MS	72
070SS-0006M-0001-SO MSD	240-17317-11 MSD	76

	QC LIMITS
TFT = Trifluorotoluene (Surr)	10-150

Column to be used to flag recovery values

FORM II 8015B

FORM II
GASOLINE RANGE ORGANICS SURROGATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): RTX-VRX ID: 0.45 (mm)

Client Sample ID	Lab Sample ID	TFT1 #
	MRL 240-65273/10	75
	MRL 240-65273/21	76

	QC LIMITS
TFT = Trifluorotoluene (Surr)	70-130

Column to be used to flag recovery values

FORM II 8015B

FORM II
GASOLINE RANGE ORGANICS SURROGATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Matrix: Water Level: Low

GC Column (2): RTX-VRX 0.45 (mm)

Client Sample ID	Lab Sample ID	TFT2 #
076SS-0027-0001-TB	240-17317-25	88
	MB 240-65195/7	87
	LCS 240-65195/8	90

	QC LIMITS
TFT = Trifluorotoluene (Surr)	10-150

Column to be used to flag recovery values

FORM II 8015B

FORM II
GASOLINE RANGE ORGANICS SURROGATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Matrix: Water Level: Low

GC Column (2): RTX-VRX 0.45 (mm)

Client Sample ID	Lab Sample ID	TFT2 #
	MRL 240-65195/5	85
	MRL 240-65195/26	89

	QC LIMITS
TFT = Trifluorotoluene (Surr)	70-130

Column to be used to flag recovery values

FORM II 8015B

FORM III
GASOLINE RANGE ORGANICS LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Matrix: Water Level: Low Lab File ID: O1111508.D

Lab ID: LCS 240-65195/8 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
C6-C12	800	792	99	72-140	

Column to be used to flag recovery and RPD values

FORM III 8015B

FORM III
GASOLINE RANGE ORGANICS LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: YF111612.D

Lab ID: LCS 240-65273/12 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
C6-C12	800	1000	125	60-142	

Column to be used to flag recovery and RPD values

FORM III 8015B

FORM III
GASOLINE RANGE ORGANICS METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Matrix: Water Level: Low Lab File ID: O1111505.D

Lab ID: MRL 240-65195/5 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	MRL CONCENTRATION (ug/L)	MRL % REC	QC LIMITS REC	#
C6-C12	100	143	143	70-130	^

Column to be used to flag recovery and RPD values

FORM III 8015B

FORM III
GASOLINE RANGE ORGANICS METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Matrix: Water Level: Low Lab File ID: O1111526.D

Lab ID: MRL 240-65195/26 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	MRL CONCENTRATION (ug/L)	MRL % REC	QC LIMITS REC	#
C6-C12	100	131	131	70-130	^

Column to be used to flag recovery and RPD values

FORM III 8015B

FORM III
GASOLINE RANGE ORGANICS METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: YF111610.D

Lab ID: MRL 240-65273/10 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	MRL CONCENTRATION (ug/L)	MRL % REC	QC LIMITS REC	#
C6-C12	100	133	133	70-130	^

Column to be used to flag recovery and RPD values

FORM III 8015B

FORM III
GASOLINE RANGE ORGANICS METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: YF111621.D

Lab ID: MRL 240-65273/21 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	MRL CONCENTRATION (ug/L)	MRL % REC	QC LIMITS REC	#
C6-C12	100	121	121	70-130	

Column to be used to flag recovery and RPD values

FORM III 8015B

FORM III
GASOLINE RANGE ORGANICS MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: YF111616.D

Lab ID: 240-17317-11 MS Client ID: 070SS-0006M-0001-SO MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
C6-C12	816	58 J	559	61	10-142	

Column to be used to flag recovery and RPD values

FORM III 8015B

FORM III
GASOLINE RANGE ORGANICS MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: YF111617.D

Lab ID: 240-17317-11 MSD Client ID: 070SS-0006M-0001-SO MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
C6-C12	885	800	84	35	94	10-142	

Column to be used to flag recovery and RPD values

FORM III 8015B

FORM IV
GASOLINE RANGE ORGANICS METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: MB 240-65273/11

Matrix: Solid Date Extracted:

Lab File ID:(1) YF111611.D Lab File ID:(2)

Date Analyzed:(1) 11/16/2012 13:32 Date Analyzed:(2)

Instrument ID:(1) YPID Instrument ID:(2)

GC Column:(1) RTX-VRX ID: 0.45(mm) GC Column:(2) ID:

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	LCS 240-65273/12	11/16/2012 14:11	
070SS-0006M-0001-SO	240-17317-11	11/16/2012 16:24	
070SS-0006M-0001-SO MS	240-17317-11 MS	11/16/2012 17:03	
070SS-0006M-0001-SO MSD	240-17317-11 MSD	11/16/2012 17:41	
070SS-0007M-0001-SO	240-17317-12	11/16/2012 18:19	
070SS-0002M-0001-SO	240-17317-13	11/16/2012 18:57	

FORM IV
GASOLINE RANGE ORGANICS METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: MB 240-65195/7

Matrix: Water Date Extracted: 11/15/2012 16:07

Lab File ID:(1) Lab File ID:(2) O1111507.D

Date Analyzed:(1) Date Analyzed:(2) 11/15/2012 16:07

Instrument ID:(1) Instrument ID:(2) O

GC Column:(1) ID: GC Column:(2) RTX-VRX ID: 0.45(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	LCS 240-65195/8		11/15/2012 16:42
076SS-0027-0001-TB	240-17317-25		11/15/2012 17:50

FORM VIII
GASOLINE RANGE ORGANICS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Sample No.: CCV 240-65195/4 Date Analyzed: 11/15/2012 14:24

Instrument ID: O GC Column: RTX-VRX ID: 0.45(mm)

Lab File ID (Standard): O1111504.D Heated Purge: (Y/N) N

Calibration ID: 11731

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				TFT		
				RT #		
CONTINUING CALIBRATION SURROGATE				9.05		
UPPER LIMIT				9.15		
LOWER LIMIT				8.95		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCV 240-65195/4 CCVRT		11/15/2012 14:24	O1111504.D	9.05		
MB 240-65195/7		11/15/2012 16:07	O1111507.D	9.05		
LCS 240-65195/8		11/15/2012 16:42	O1111508.D	9.05		
240-17317-25	076SS-0027-0001-TB	11/15/2012 17:50	O1111510.D	9.04		
CCV 240-65195/15		11/15/2012 20:40	O1111515.D	9.05		

TFT = Trifluorotoluene (Surr)

TFT RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8015B

FORM VIII
GASOLINE RANGE ORGANICS ANALYTICAL SEQUENCE

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Sample No.: CCV 240-65273/6 Date Analyzed: 11/16/2012 10:18

Instrument ID: YPID GC Column: RTX-VRX ID: 0.45(mm)

Lab File ID (Standard): YF111606.D Heated Purge: (Y/N) N

Calibration ID: 10675

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				TFT		
				RT #		
CONTINUING CALIBRATION SURROGATE				9.75		
UPPER LIMIT				9.85		
LOWER LIMIT				9.65		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCV 240-65273/6 CCVRT		11/16/2012 10:18	YF111606.D	9.75		
CCV 240-65273/9		11/16/2012 12:15	YF111609.D	9.75		
MB 240-65273/11		11/16/2012 13:32	YF111611.D	9.75		
LCS 240-65273/12		11/16/2012 14:11	YF111612.D	9.75		
240-17317-11	070SS-0006M-0001-SO	11/16/2012 16:24	YF111615.D	9.75		
240-17317-11 MS	070SS-0006M-0001-SO MS	11/16/2012 17:03	YF111616.D	9.75		
240-17317-11 MSD	070SS-0006M-0001-SO MSD	11/16/2012 17:41	YF111617.D	9.76		
240-17317-12	070SS-0007M-0001-SO	11/16/2012 18:19	YF111618.D	9.75		
240-17317-13	070SS-0002M-0001-SO	11/16/2012 18:57	YF111619.D	9.75		
CCV 240-65273/20		11/16/2012 19:34	YF111620.D	9.76		

TFT = Trifluorotoluene (Surr)

TFT RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8015B

FORM I
GASOLINE RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: 070SS-0006M-0001-SO | Lab Sample ID: 240-17317-11

Matrix: Solid | Lab File ID: YF111615.D

Analysis Method: 8015B | Date Collected: 11/07/2012 08:50

Sample wt/vol: 7.138(g) | Date Analyzed: 11/16/2012 16:24

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: 24.0 | Level: (low/med) Low

Analysis Batch No.: 65273 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00061	C6-C12	58	J	92	46	42

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	69		10-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\YPID\20121116-15004.b\YF111615.D
Lims ID: 240-17317-B-11 Client ID: 070SS-0006M-0001-SO
Inject. Date: 16-Nov-2012 16:24:05 Dil. Factor: 1.0000
Sample Type: Client
Sample ID: 240-0015004-015
Misc. Info.:
Operator: 1765 Instrument ID: YPID
Purge Vol: 5.000 mL ALS Bottle#: 1
Lims Batch ID: 65273 Lims Sample ID: 15
Detector 1 : GC ELC2B
Detector 2 : GC FID1A

Method: \\Ncchrom\ChromData\YPID\20121116-15004.b\Y80158021.m
Last Update: 17-Nov-2012 13:23:35 Calib Date: 27-Aug-2012 15:06:37
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\YPID\20120827-12713.b\YF082710.D
Limit Group: GCV 8015B GRO ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK013

Compound	Det	RT	ADJ RT	DLT RT	Response	On-Col Amt ug/l	Flags
S 17 Xylenes, Total	1		0.000				7
6 2-Methylpentane	2	5.049	5.120	-0.071	111273	0	
12 Methyl tert-butyl ether	2		5.200				1
3 Benzene	1		7.999				1
* 15 Fluorobenzene	1	0.000	8.418	-8.418	0	0	
$ 16 Trifluorotoluene (Surr)	2	9.748	9.752	-0.004	1060659	6.90	
$ 18 a,a,a-Trifluorotoluene (pid)	1		9.772				1
A 5 C6-C10	2	11.825	4.880 -	18.776	11496765	84.5	
8 Toluene	1		11.964				1
A 1 C6-C12	2	13.441	4.980 -	21.902	15278221	62.9	
A 11 GRO	2	13.635	4.988 -	22.282	18594677	0	
13 Ethylbenzene	1		15.042				1
2 m-Xylene & p-Xylene	1		15.410				1
4 o-Xylene	1		16.061				1
10 1,3,5-Trimethylbenzene	1		17.985				1
7 1,2,4-Trimethylbenzene	1	0.000	18.579	-18.579	0	0	
14 Dodecane	2	21.733	21.739	-0.006	43824	0	
9 Naphthalene	2	22.063	22.059	0.004	15722	0	

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection

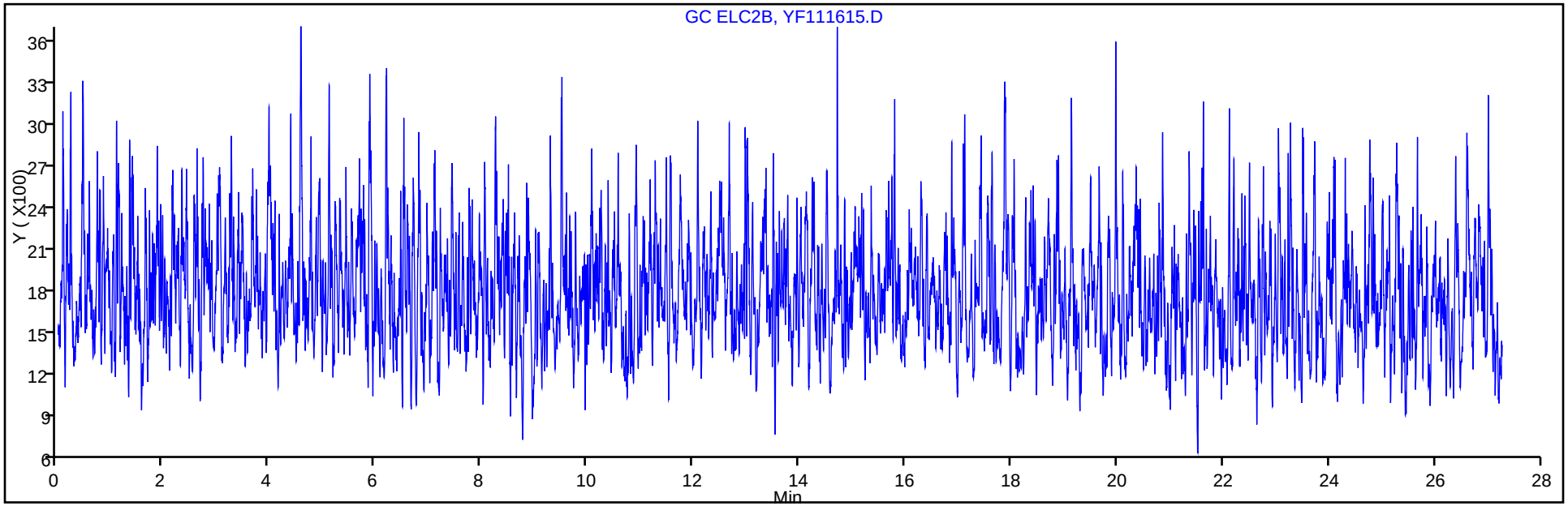
Report Date: 17-Nov-2012 13:23:42 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

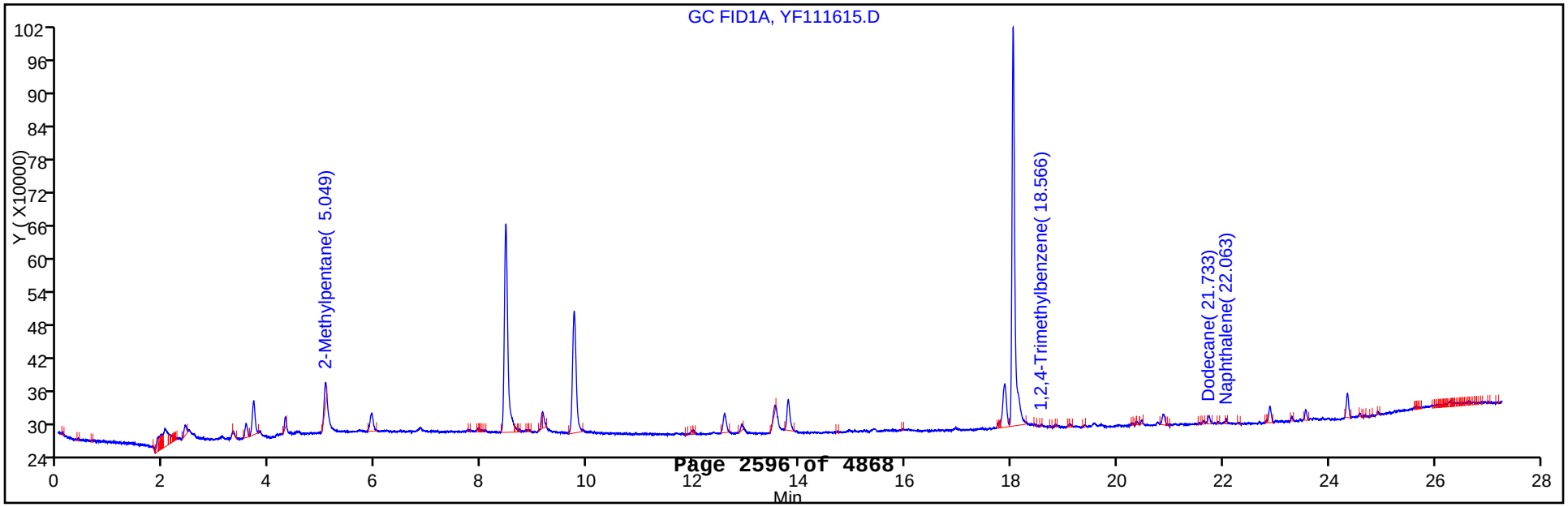
Data File: \\Ncchrom\ChromData\YPID\20121116-15004.b\YF111615.D

Injection Date:	16-Nov-2012 16:24:05	Limit Group:	GCV 8015B GRO ICAL
Client ID:	070SS-0006M-0001-SO	Instrument ID:	YPID
Lims Batch ID:	65273	Lims Sample ID:	15
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:

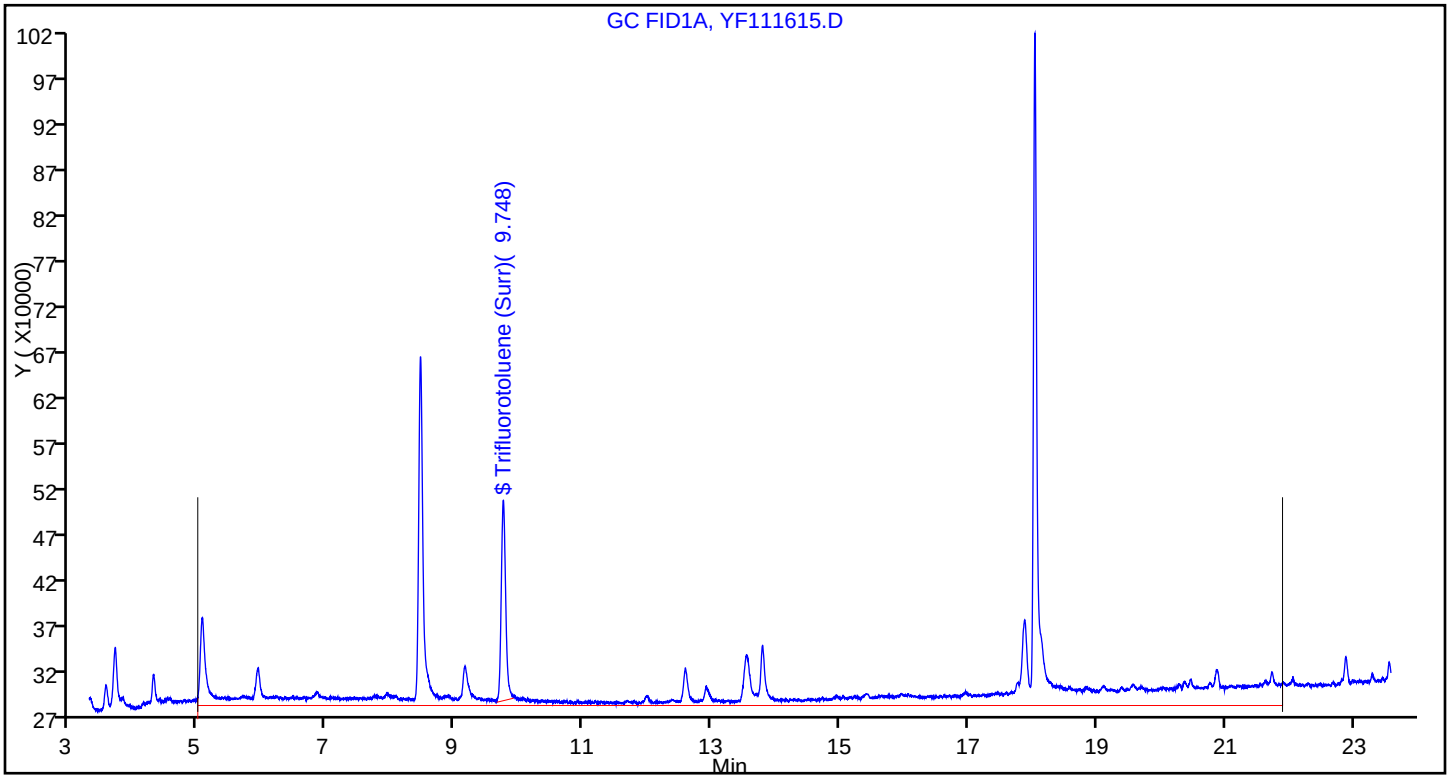


Report Date: 17-Nov-2012 13:23:43 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\YPID\20121116-15004.b\YF111615.D		
Injection Date:	16-Nov-2012 16:24:05	Limit Group:	GCV 8015B GRO ICAL
Client ID:	070SS-0006M-0001-SO	Instrument ID:	YPID
Lims Batch ID:	65273	Lims Sample ID:	15
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

A 1 C6-C12, Detector: 2, GC FID1A



FORM I
GASOLINE RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Client Sample ID: 070SS-0007M-0001-SO Lab Sample ID: 240-17317-12

Matrix: Solid Lab File ID: YF111618.D

Analysis Method: 8015B Date Collected: 11/07/2012 08:50

Sample wt/vol: 5.531(g) Date Analyzed: 11/16/2012 18:19

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: 25.0 Level: (low/med) Low

Analysis Batch No.: 65273 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00061	C6-C12	60	U	120	60	55

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	53		10-150

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\YPID\20121116-15004.b\YF111618.D		
Lims ID:	240-17317-B-12	Client ID:	070SS-0007M-0001-SO
Inject. Date:	16-Nov-2012 18:19:16	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0015004-018		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	65273	Lims Sample ID:	18
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20121116-15004.b\Y80158021.m		
Last Update:	17-Nov-2012 13:23:35	Calib Date:	27-Aug-2012 15:06:37
Quant Method:	Internal/External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\YPID\20120827-12713.b\YF082710.D		
Limit Group:	GCV 8015B GRO ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK013		

Compound	Det	RT	ADJ RT	DLT RT	Response	On-Col Amt ug/l	Flags
* 15 Fluorobenzene	1	0.000	8.418	-8.418	0	0	
$ 16 Trifluorotoluene (Surr)	2	9.749	9.752	-0.003	807976	5.26	
A 1 C6-C12	2	13.441	4.980 - 21.902		11423599	34.6	

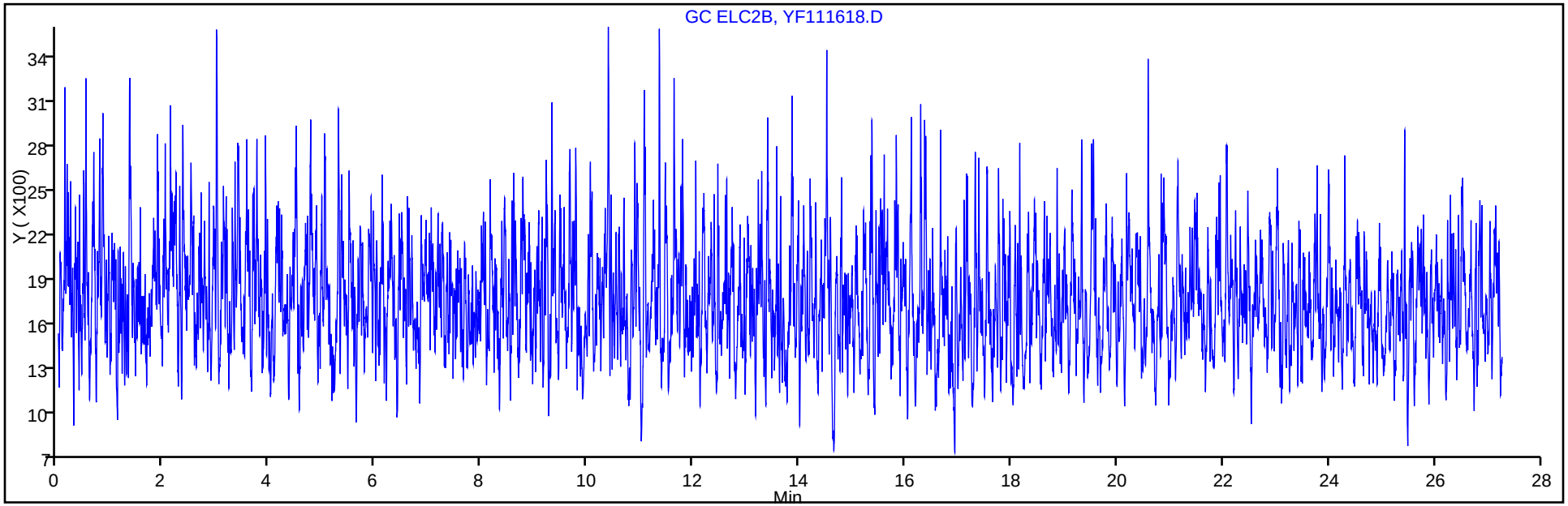
Report Date: 17-Nov-2012 13:23:46 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

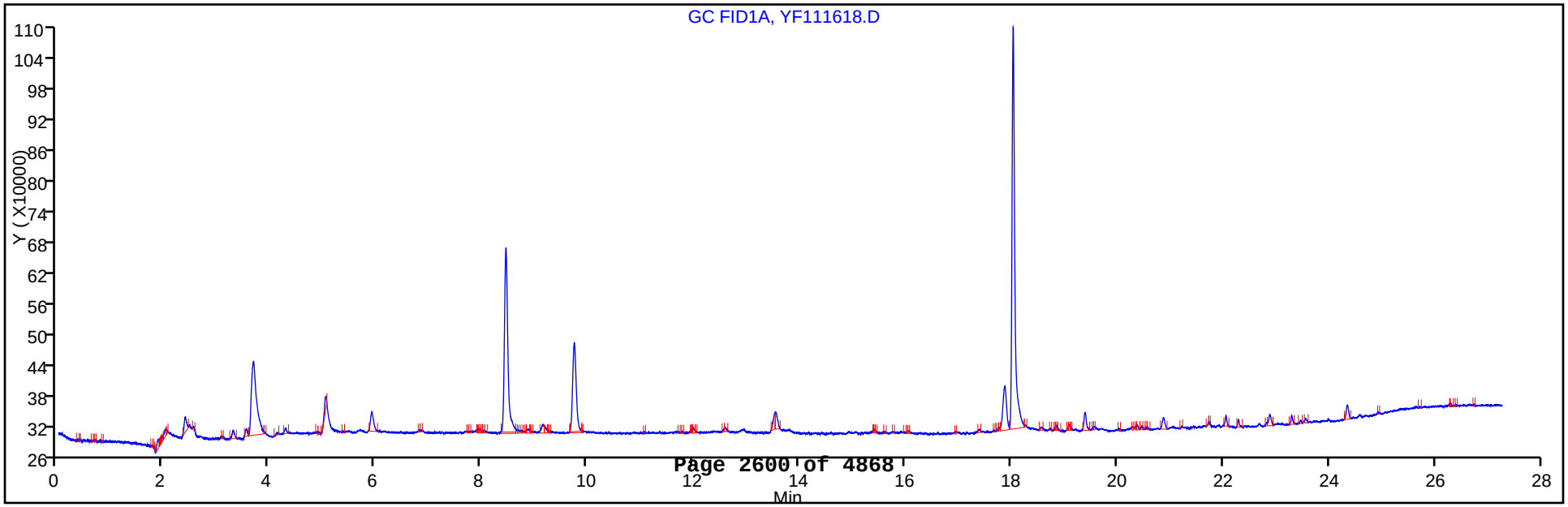
Data File: \\Ncchrom\ChromData\YPID\20121116-15004.b\YF111618.D

Injection Date:	16-Nov-2012 18:19:16	Limit Group:	GCV 8015B GRO ICAL
Client ID:	070SS-0007M-0001-SO	Instrument ID:	YPID
Lims Batch ID:	65273	Lims Sample ID:	18
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
GASOLINE RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Client Sample ID: 070SS-0002M-0001-SO Lab Sample ID: 240-17317-13

Matrix: Solid Lab File ID: YF111619.D

Analysis Method: 8015B Date Collected: 11/07/2012 09:10

Sample wt/vol: 5.151(g) Date Analyzed: 11/16/2012 18:57

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: 25.2 Level: (low/med) Low

Analysis Batch No.: 65273 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00061	C6-C12	65	U	130	65	60

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	69		10-150

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\YPID\20121116-15004.b\YF111619.D		
Lims ID:	240-17317-B-13	Client ID:	070SS-0002M-0001-SO
Inject. Date:	16-Nov-2012 18:57:06	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0015004-019		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	65273	Lims Sample ID:	19
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20121116-15004.b\Y80158021.m		
Last Update:	17-Nov-2012 13:23:35	Calib Date:	27-Aug-2012 15:06:37
Quant Method:	Internal/External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\YPID\20120827-12713.b\YF082710.D		
Limit Group:	GCV 8015B GRO ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK013		

Compound	Det	RT	ADJ RT	DLT RT	Response	On-Col Amt ug/l	Flags
* 15 Fluorobenzene	1	0.000	8.418	-8.418	0	0	
$ 16 Trifluorotoluene (Surr)	2	9.750	9.752	-0.002	1053710	6.85	
A 1 C6-C12	2		4.980 -	21.902			

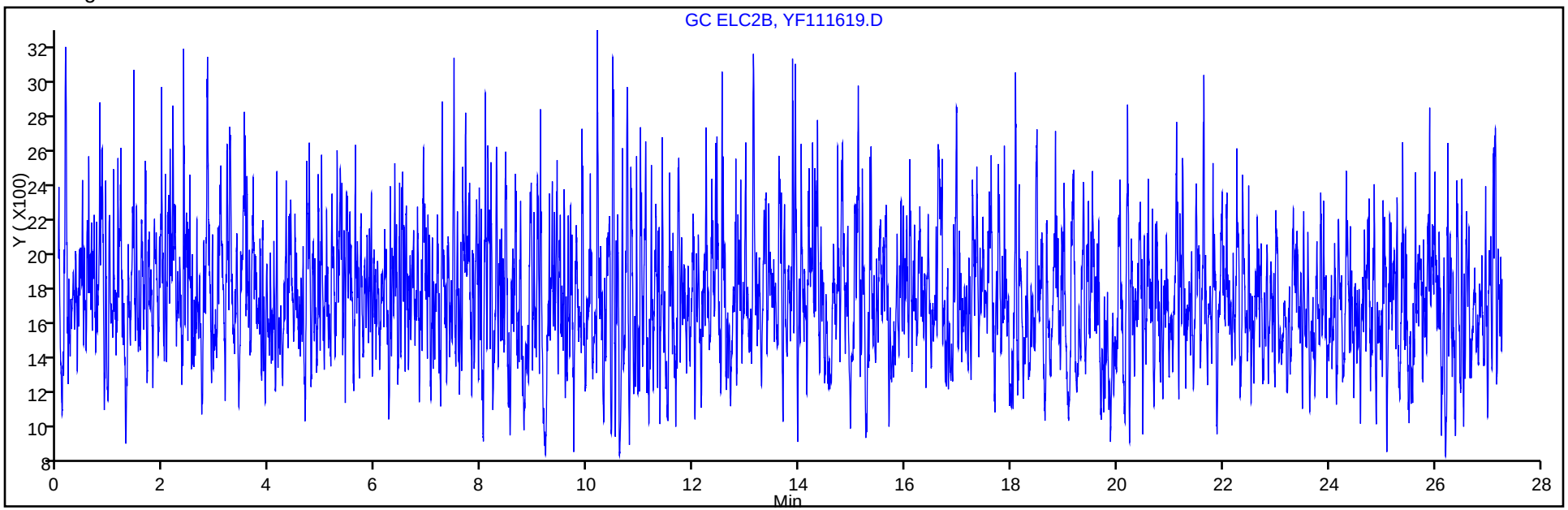
Report Date: 17-Nov-2012 13:23:47 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

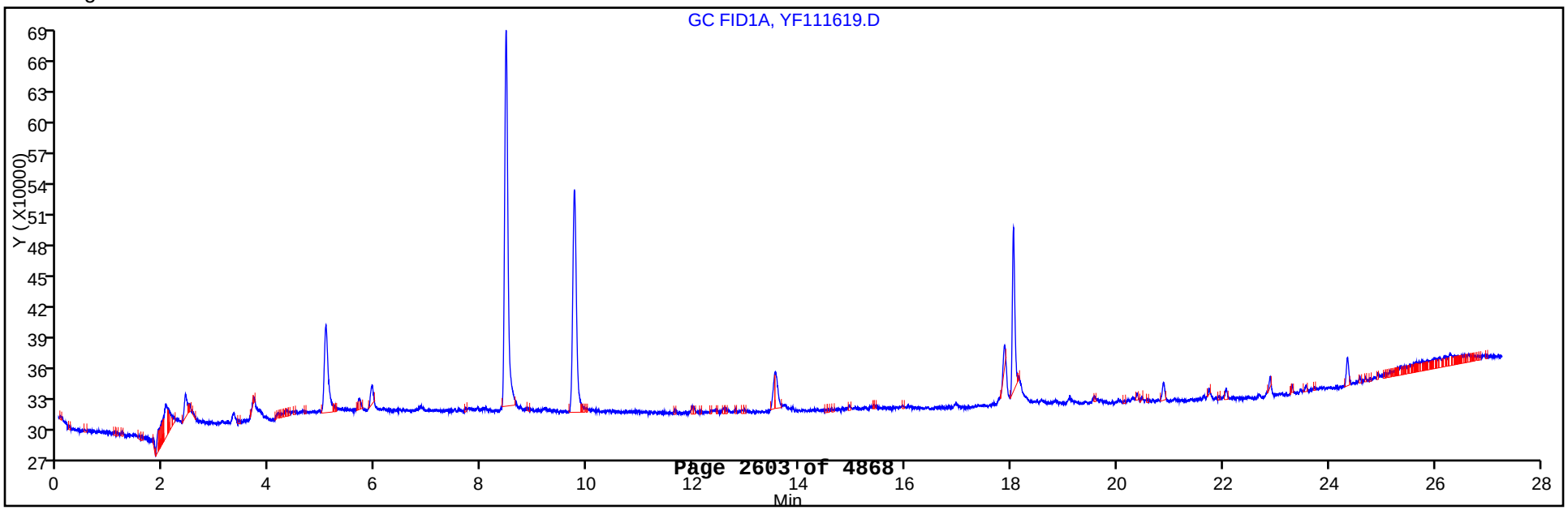
Data File: \\Ncchrom\ChromData\YPID\20121116-15004.b\YF111619.D

Injection Date:	16-Nov-2012 18:57:06	Limit Group:	GCV 8015B GRO ICAL
Client ID:	070SS-0002M-0001-SO	Instrument ID:	YPID
Lims Batch ID:	65273	Lims Sample ID:	19
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
GASOLINE RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: 076SS-0027-0001-TB | Lab Sample ID: 240-17317-25

Matrix: Water | Lab File ID: O1111510.D

Analysis Method: 8015B | Date Collected: 11/07/2012 08:00

Sample wt/vol: 5(mL) | Date Analyzed: 11/15/2012 17:50

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 65195 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00061	C6-C12	55	J B	100	50	25

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	88		10-150

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\O\20121115-14991.b\O1111510.D		
Lims ID:	240-17317-B-25	Client ID:	076SS-0027-0001-TB
Inject. Date:	15-Nov-2012 17:50:21	Dil. Factor:	1.0000
Sample Type:	Client		
Sample ID:	240-0014991-010		
Misc. Info.:			
Operator:	1765	Instrument ID:	O
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	65195	Lims Sample ID:	10
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\O\20121115-14991.b\O80158021.m		
Last Update:	16-Nov-2012 13:45:05	Calib Date:	11-Oct-2012 15:06:17
Quant Method:	Internal/External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\O\20121011-13978.b\O1101109.D		
Limit Group:	GCV 8015B GRO ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK002		

Compound	Det	RT	ADJ RT	DLT RT	Response	On-Col Amt ug/l	Flags
* 15 Fluorobenzene	1	3.332	3.520	-0.188	4970	0	
$ 16 Trifluorotoluene (Surr)	2	9.040	9.054	-0.014	1923499	8.80	
A 1 C6-C12	2	12.995	4.375 - 21.615		12477941	55.0	

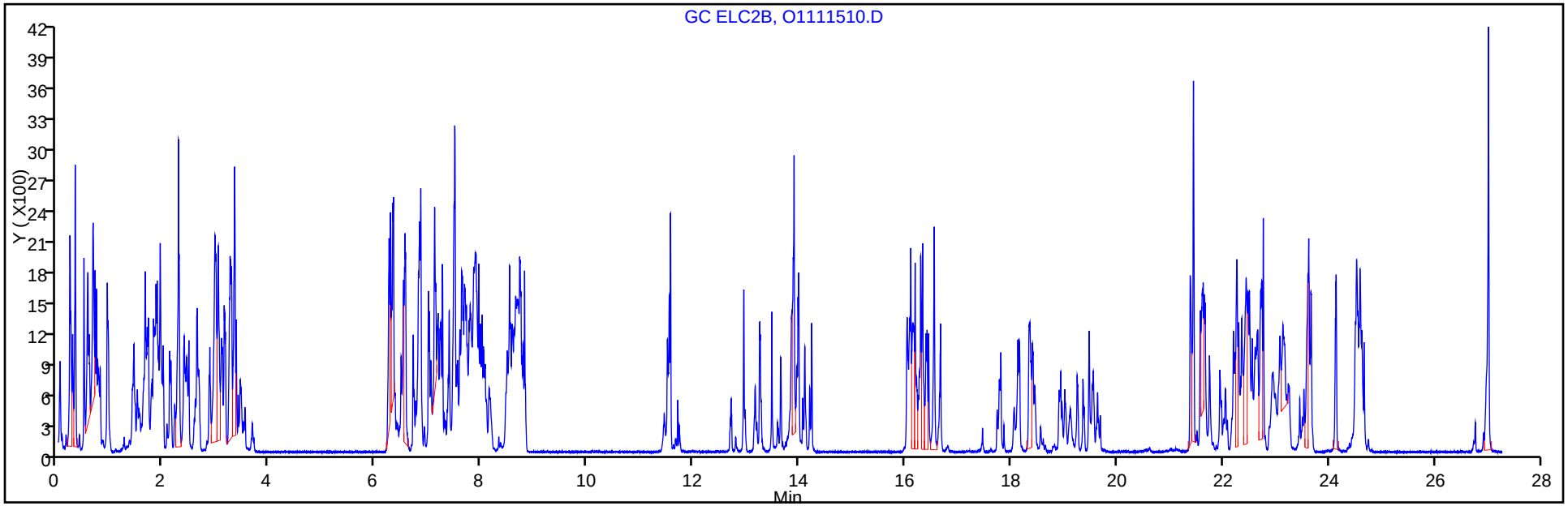
Report Date: 16-Nov-2012 13:45:16 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

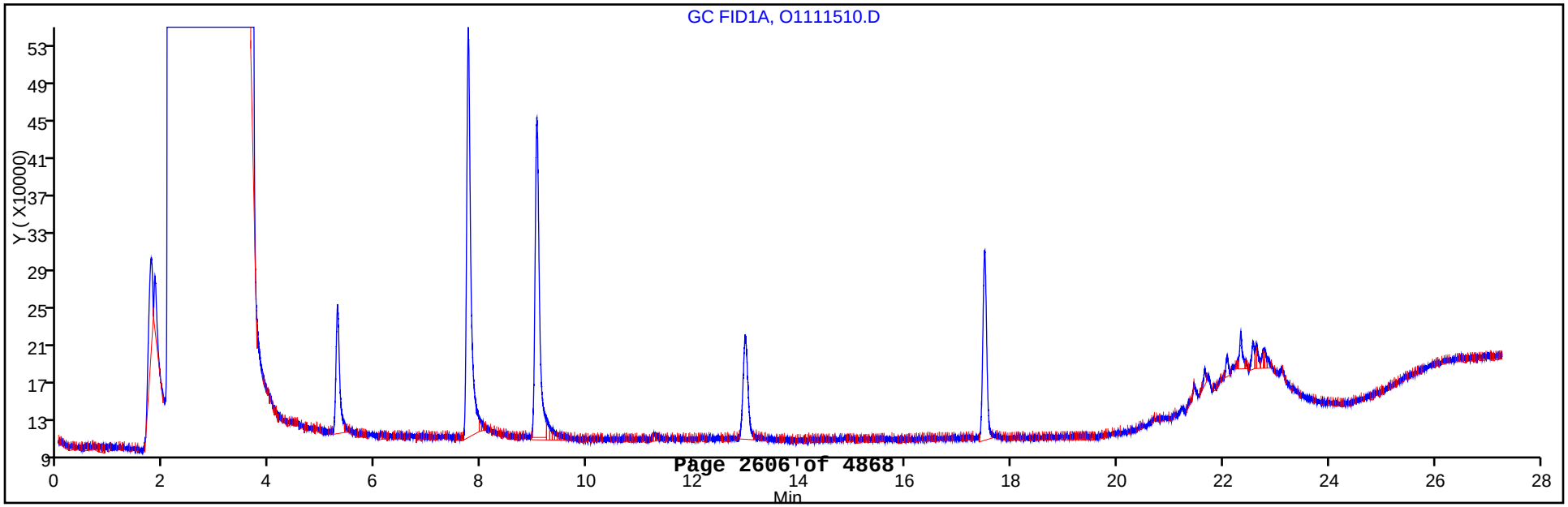
Data File: \\Ncchrom\ChromData\O\20121115-14991.b\O1111510.D

Injection Date:	15-Nov-2012 17:50:21	Limit Group:	GCV 8015B GRO ICAL
Client ID:	076SS-0027-0001-TB	Instrument ID:	O
Lims Batch ID:	65195	Lims Sample ID:	10
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:

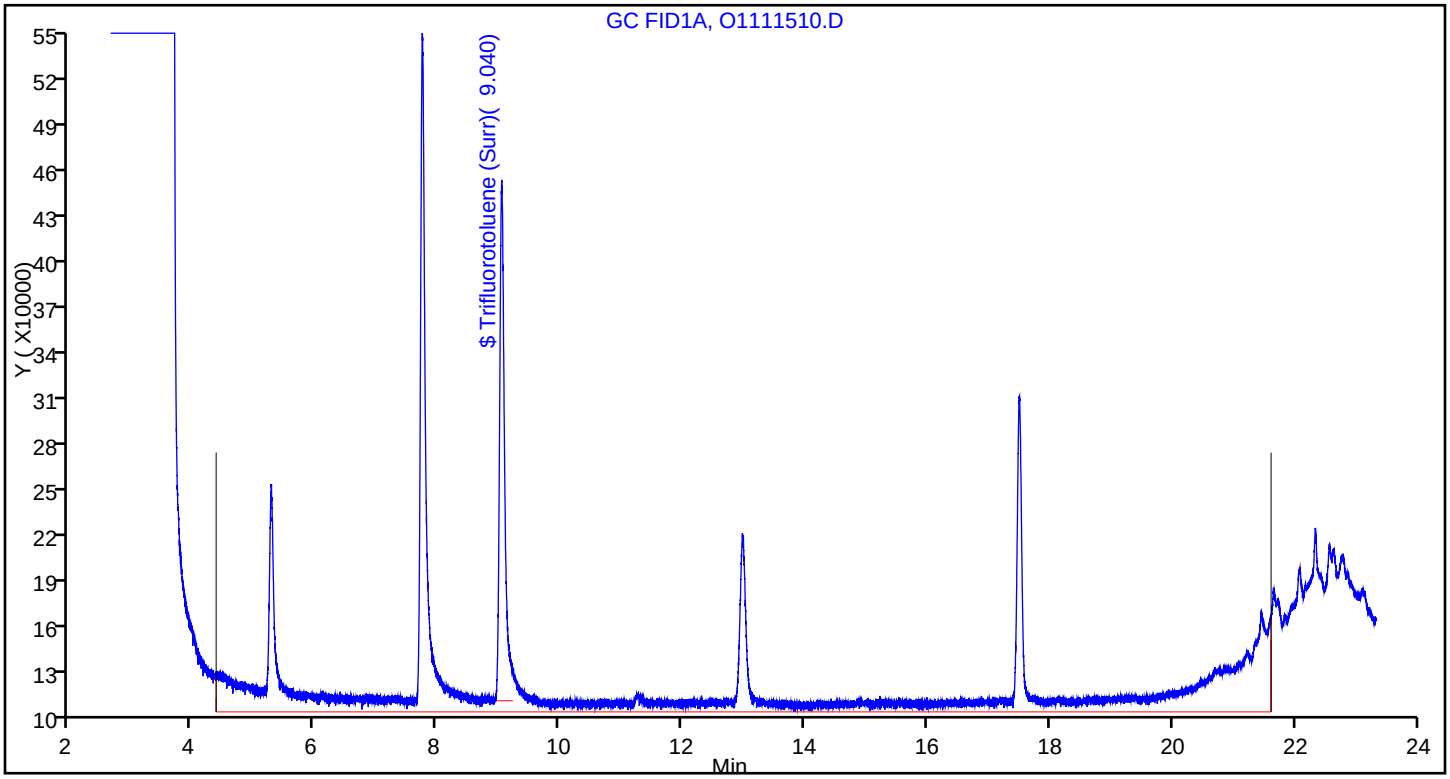


Report Date: 16-Nov-2012 13:45:17 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\O\20121115-14991.b\O1111510.D		
Injection Date:	15-Nov-2012 17:50:21	Limit Group:	GCV 8015B GRO ICAL
Client ID:	076SS-0027-0001-TB	Instrument ID:	O
Lims Batch ID:	65195	Lims Sample ID:	10
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

A 1 C6-C12, Detector: 2, GC FID1A



FORM VI
GASOLINE RANGE ORGANICS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1 Analy Batch No.: 60945

SDG No.:

Instrument ID: O GC Column: RTX-VRX ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/11/2012 12:15 Calibration End Date: 10/11/2012 15:06 Calibration ID: 11731

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 240-60945/4	O1101104.D
Level 2	STD2 240-60945/5	O1101105.D
Level 3	STD3 240-60945/6	O1101106.D
Level 4	STD4 240-60945/7	O1101107.D
Level 5	STD5 240-60945/8	O1101108.D
Level 6	STD6 240-60945/9	O1101109.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
C6-C10	11.348	11.348	11.348	11.348	11.348	11.348					4.351 - 18.346	11.348
C6-C12	13.054	13.054	13.054	13.054	13.054	13.054					4.351 - 21.757	13.054
Trifluorotoluene (Surr)	9.063	9.047	9.048	9.059	9.058	9.073					8.797 - 9.297	9.058

FORM VI
GASOLINE RANGE ORGANICS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-17317-1 Analy Batch No.: 60945

SDG No.:

Instrument ID: O GC Column: RTX-VRX ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/11/2012 12:15 Calibration End Date: 10/11/2012 15:06 Calibration ID: 11731

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 240-60945/4	O1101104.D
Level 2	STD2 240-60945/5	O1101105.D
Level 3	STD3 240-60945/6	O1101106.D
Level 4	STD4 240-60945/7	O1101107.D
Level 5	STD5 240-60945/8	O1101108.D
Level 6	STD6 240-60945/9	O1101109.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3	LVL 4		B	M1	M2								
C6-C10	271776 183895	204966 192201	193196	191435	Ave		206244.940				16.0		20.0			
C6-C12	300223 201330	219566 213852	211154	214319	Ave		226740.783				16.0		20.0			
Trifluorotoluene (Surr)	208716 221927	212427 247896	205664	214870	Ave		218583.300				7.0		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GASOLINE RANGE ORGANICS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-17317-1 Analy Batch No.: 60945

SDG No.:

Instrument ID: O GC Column: RTX-VRX ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/11/2012 12:15 Calibration End Date: 10/11/2012 15:06 Calibration ID: 11731

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 240-60945/4	O1101104.D
Level 2	STD2 240-60945/5	O1101105.D
Level 3	STD3 240-60945/6	O1101106.D
Level 4	STD4 240-60945/7	O1101107.D
Level 5	STD5 240-60945/8	O1101108.D
Level 6	STD6 240-60945/9	O1101109.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
C6-C10	Ave	27177600 307522398	40993257	77278438	153147630	220674265	100 1600	200	400	800	1200
C6-C12	Ave	30022301 342163983	43913194	84461774	171455050	241595979	100 1600	200	400	800	1200
Trifluorotoluene (Surr)	Ave	2087157 2478962	2124268	2056640	2148699	2219272	10.0 10.0	10.0	10.0	10.0	10.0

Curve Type Legend:
Ave = Average

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\O\20121011-13978.b\O1101104.D		
Lims ID:	STD1 GAS	Client ID:	
Inject. Date:	11-Oct-2012 12:15:11	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	1
Sample ID:	240-0013978-004		
Misc. Info.:			
Operator:	1765	Instrument ID:	O
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	60945	Lims Sample ID:	4
Sublist:	chrom-O80158021*sub4		
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\O\20121011-13978.b\O80158021.m		
Last Update:	12-Oct-2012 08:59:56	Calib Date:	11-Oct-2012 15:06:17
Quant Method:	Internal/External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\O\20121011-13978.b\O1101109.D		
Limit Group:	GCV 8015B GRO ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK029		

Compound	Det	RT	ADJ RT	DLT RT	Response	On-Col Amt ug/l	Flags
* 15 Fluorobenzene	1	2.186	2.249	-0.063	3932	0	
$ 16 Trifluorotoluene (Surr)	2	9.063	9.047	0.016	2087157	9.55	
A 5 C6-C10	2	11.348	4.351 - 18.346		27177600	131.8	
A 1 C6-C12	2	13.054	4.351 - 21.757		30022301	132.4	

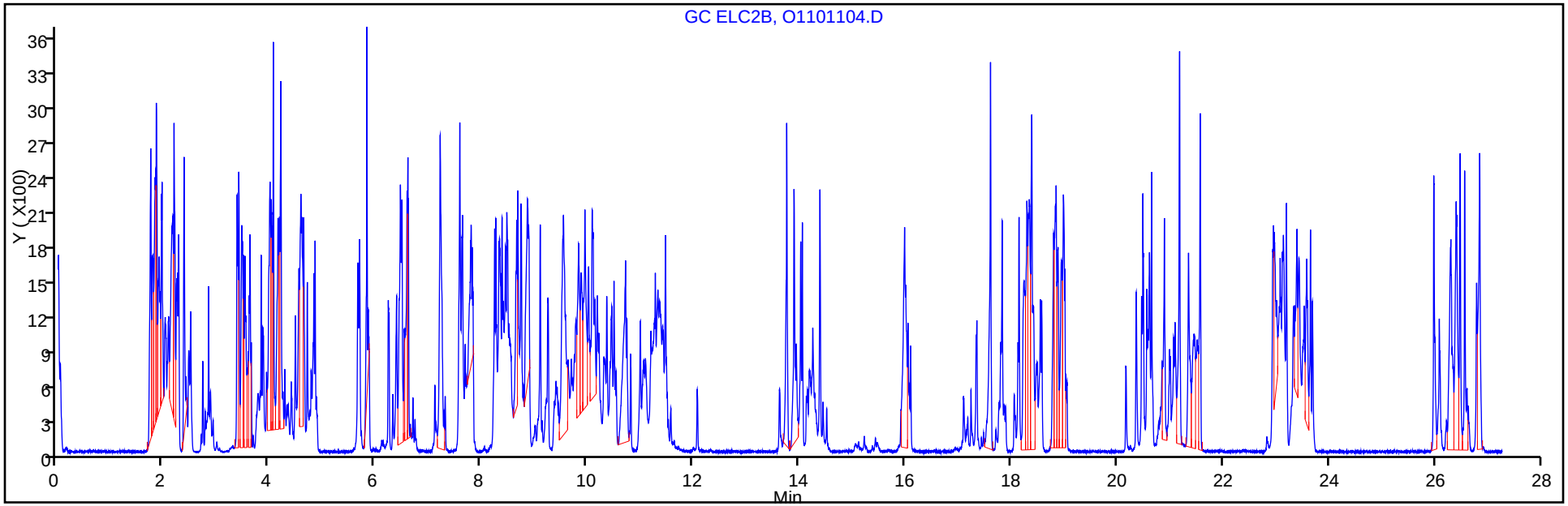
Report Date: 12-Oct-2012 08:59:56 Chrom Revision: 2.0 21-Aug-2012 09:09:58

TestAmerica Canton

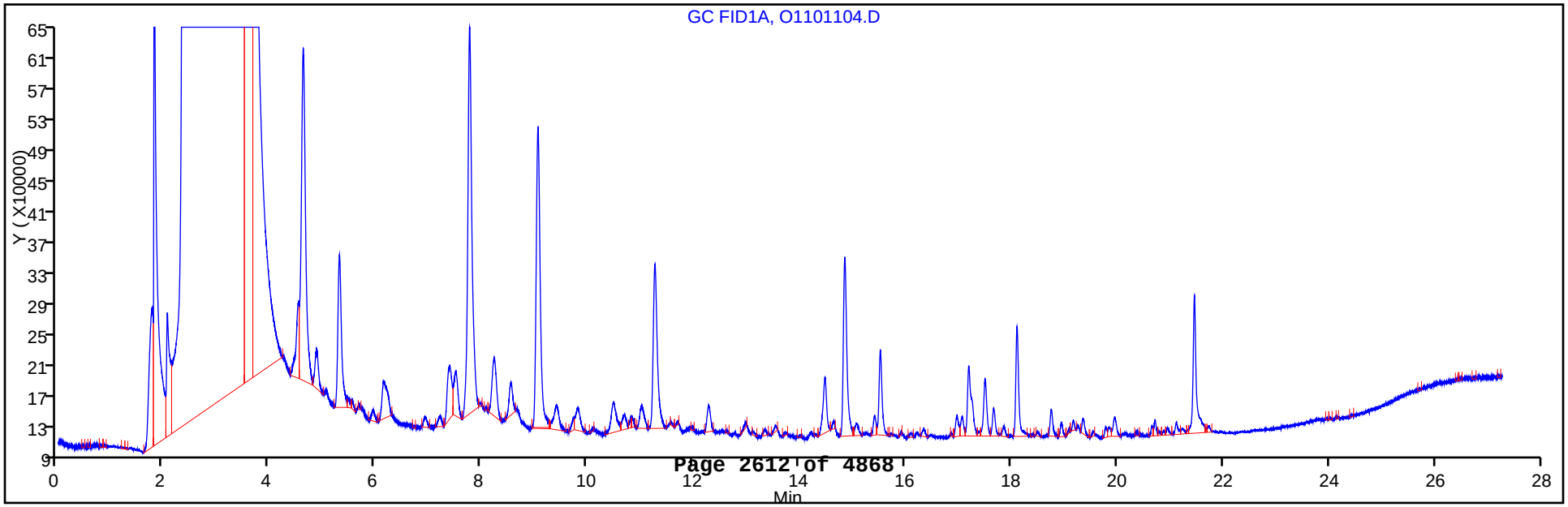
Data File: \\Ncchrom\ChromData\O\20121011-13978.b\O1101104.D

Injection Date:	11-Oct-2012 12:15:11	Limit Group:	GCV 8015B GRO ICAL
Client ID:		Instrument ID:	O
Lims Batch ID:	60945	Lims Sample ID:	4
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\O\20121011-13978.b\O1101105.D		
Lims ID:	STD2 GAS	Client ID:	
Inject. Date:	11-Oct-2012 12:49:20	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	2
Sample ID:	240-0013978-005		
Misc. Info.:			
Operator:	1765	Instrument ID:	O
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	60945	Lims Sample ID:	5
Sublist:	chrom-O80158021*sub4		
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\O\20121011-13978.b\O80158021.m		
Last Update:	12-Oct-2012 09:00:03	Calib Date:	11-Oct-2012 15:06:17
Quant Method:	Internal/External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\O\20121011-13978.b\O1101109.D		
Limit Group:	GCV 8015B GRO ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK029		

Compound	Det	RT	ADJ RT	DLT RT	Response	On-Col Amt ug/l	Flags
* 15 Fluorobenzene	1	2.134	2.249	-0.115	3094	0	
$ 16 Trifluorotoluene (Surr)	2	9.047	9.047	0.0	2124268	9.72	
A 5 C6-C10	2	11.348	4.351 - 18.346		40993257	198.8	
A 1 C6-C12	2	13.054	4.351 - 21.757		43913194	193.7	

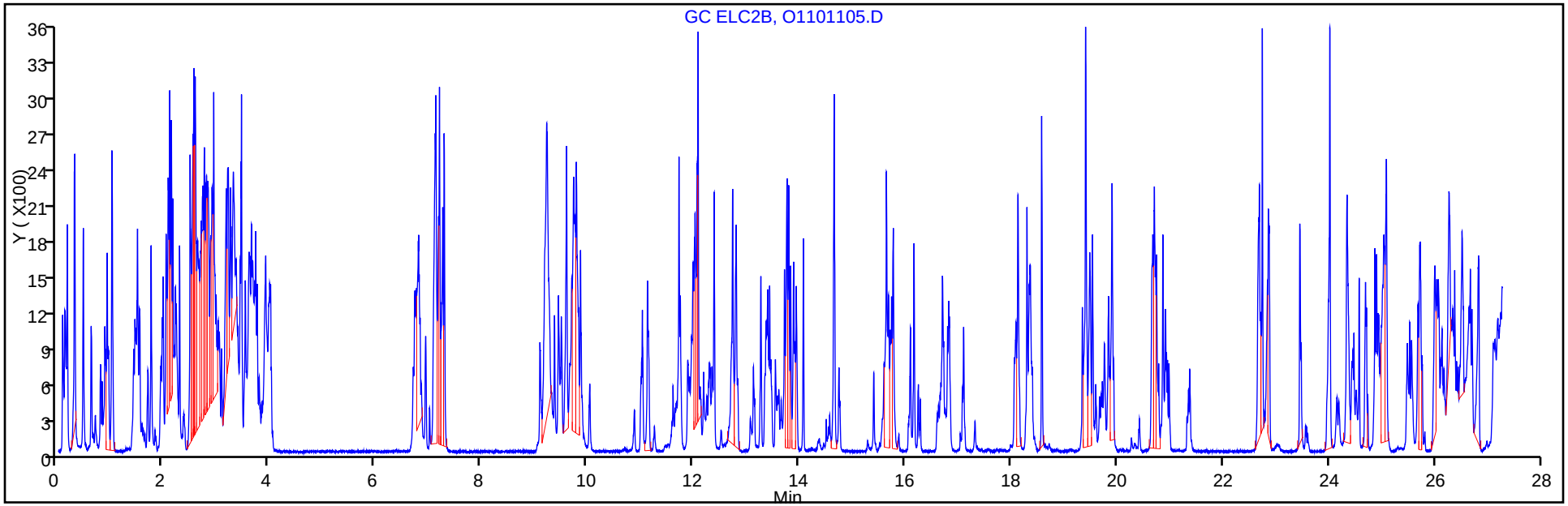
Report Date: 12-Oct-2012 09:00:04 Chrom Revision: 2.0 21-Aug-2012 09:09:58

TestAmerica Canton

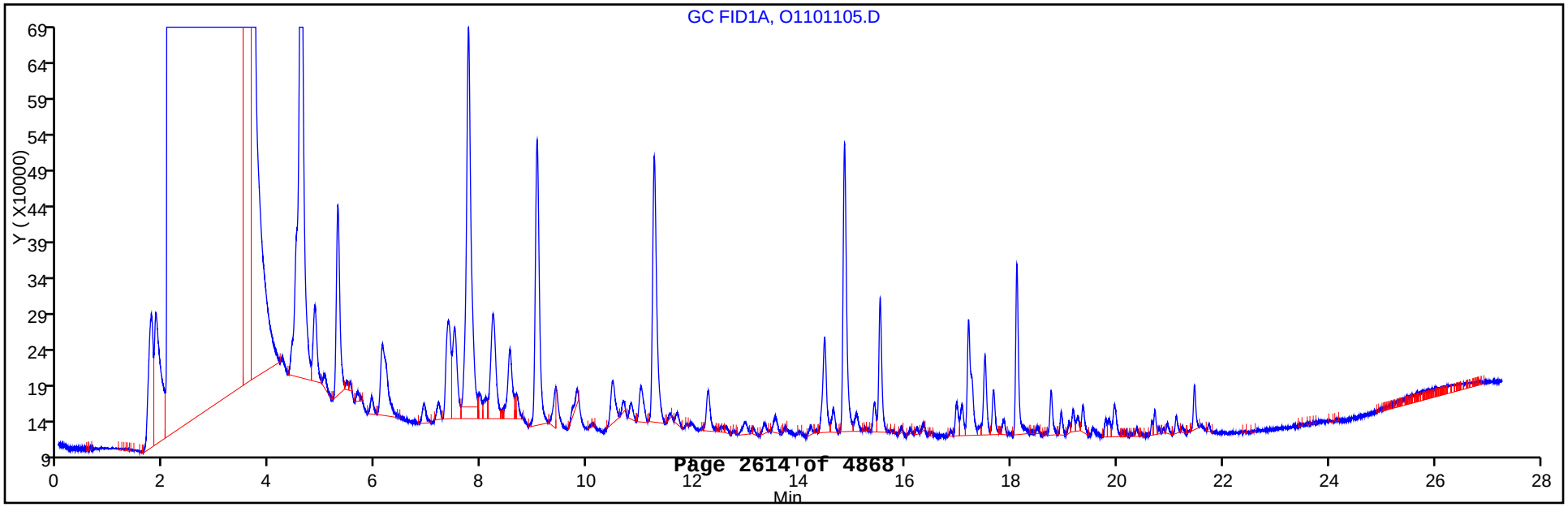
Data File: \\Ncchrom\ChromData\O\20121011-13978.b\O1101105.D

Injection Date:	11-Oct-2012 12:49:20	Limit Group:	GCV 8015B GRO ICAL
Client ID:		Instrument ID:	O
Lims Batch ID:	60945	Lims Sample ID:	5
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\O\20121011-13978.b\O1101106.D		
Lims ID:	STD3 GAS	Client ID:	
Inject. Date:	11-Oct-2012 13:23:31	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	3
Sample ID:	240-0013978-006		
Misc. Info.:			
Operator:	1765	Instrument ID:	O
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	60945	Lims Sample ID:	6
Sublist:	chrom-O80158021*sub4		
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\O\20121011-13978.b\O80158021.m		
Last Update:	12-Oct-2012 09:00:10	Calib Date:	11-Oct-2012 15:06:17
Quant Method:	Internal/External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\O\20121011-13978.b\O1101109.D		
Limit Group:	GCV 8015B GRO ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK029		

Compound	Det	RT	ADJ RT	DLT RT	Response	On-Col Amt ug/l	Flags
* 15 Fluorobenzene	1	1.769	2.249	-0.480	3050	0	
$ 16 Trifluorotoluene (Surr)	2	9.048	9.047	0.001	2056640	9.41	
A 5 C6-C10	2	11.348	4.351 -	18.346	77278438	374.7	
A 1 C6-C12	2	13.054	4.351 -	21.757	84461774	372.5	

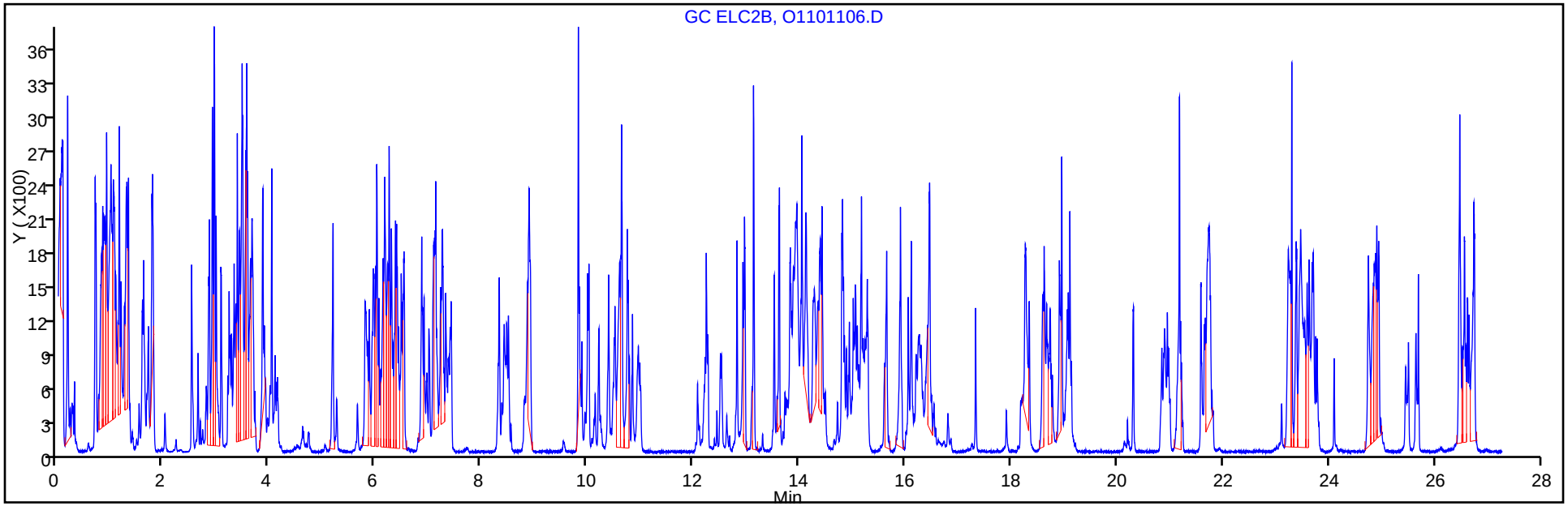
Report Date: 12-Oct-2012 09:00:11 Chrom Revision: 2.0 21-Aug-2012 09:09:58

TestAmerica Canton

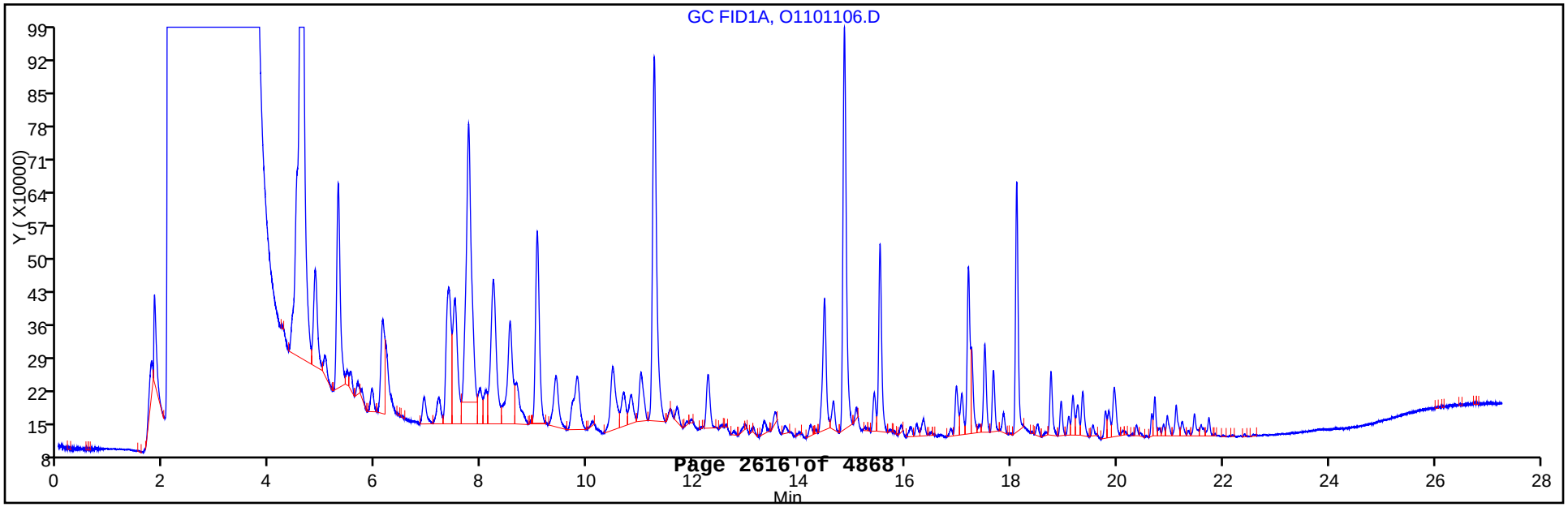
Data File: \\Ncchrom\ChromData\O\20121011-13978.b\O1101106.D

Injection Date:	11-Oct-2012 13:23:31	Limit Group:	GCV 8015B GRO ICAL
Client ID:		Instrument ID:	O
Lims Batch ID:	60945	Lims Sample ID:	6
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\O\20121011-13978.b\O1101107.D		
Lims ID:	STD4 GAS	Client ID:	
Inject. Date:	11-Oct-2012 13:57:41	Dil. Factor:	1.0000
Sample Type:	ICRT	Calib Level:	4
Sample ID:	240-0013978-007		
Misc. Info.:			
Operator:	1765	Instrument ID:	O
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	60945	Lims Sample ID:	7
Sublist:	chrom-O80158021*sub4		
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\O\20121011-13978.b\O80158021.m		
Last Update:	12-Oct-2012 09:00:18	Calib Date:	11-Oct-2012 15:06:17
Quant Method:	Internal/External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\O\20121011-13978.b\O1101109.D		
Limit Group:	GCV 8015B GRO ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK029		

Compound	Det	RT	ADJ RT	DLT RT	Response	On-Col Amt ug/l	Flags
* 15 Fluorobenzene	1	2.242	2.242	0.0	4862	0	
$ 16 Trifluorotoluene (Surr)	2	9.059	9.059	0.0	2148699	9.83	
A 5 C6-C10	2	11.348	4.351 - 18.346		153147630	742.6	
A 1 C6-C12	2	13.054	4.351 - 21.757		171455050	756.2	

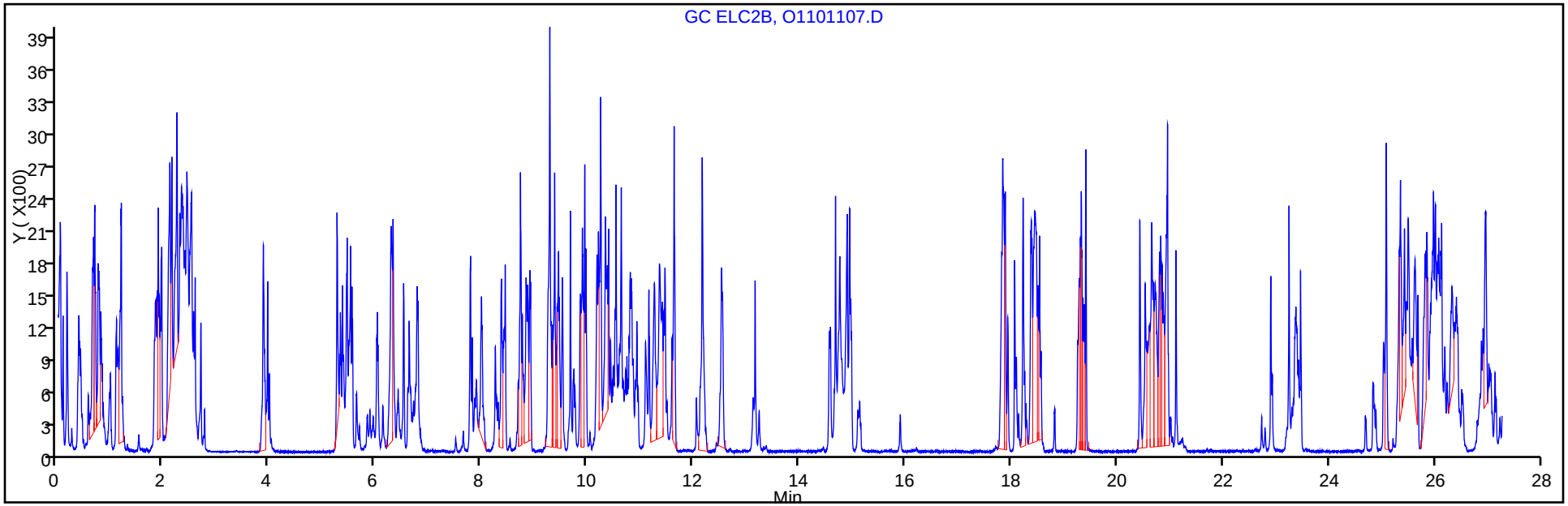
Report Date: 12-Oct-2012 09:00:18 Chrom Revision: 2.0 21-Aug-2012 09:09:58

TestAmerica Canton

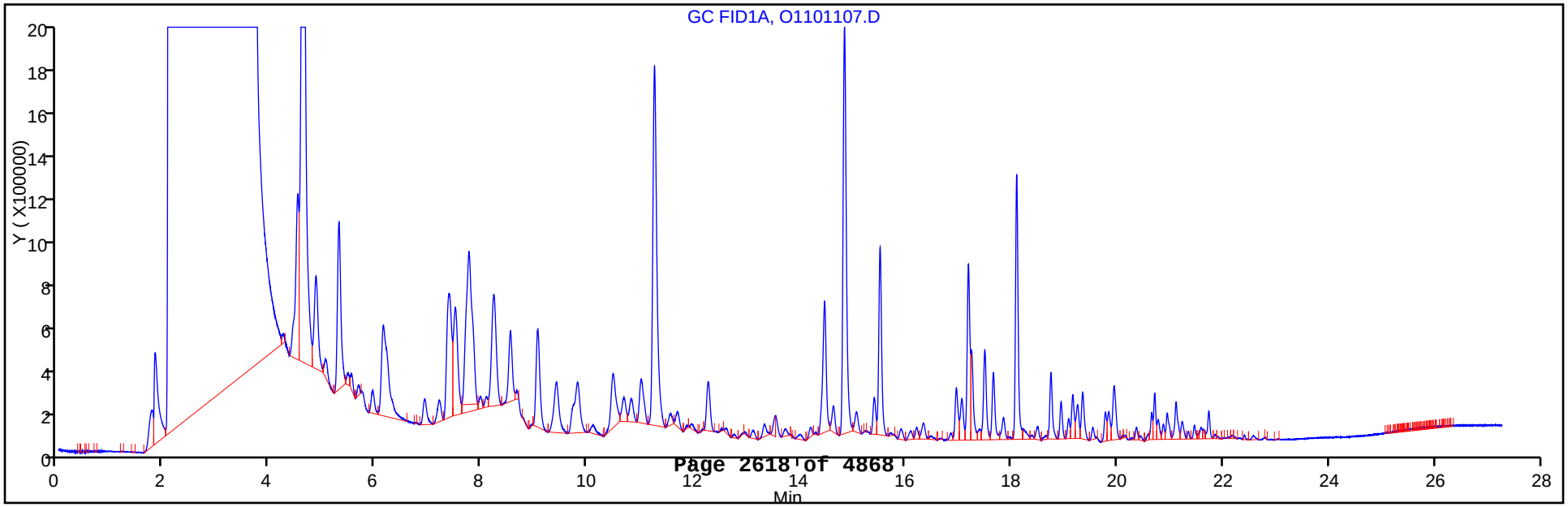
Data File: \\Ncchrom\ChromData\O\20121011-13978.b\O1101107.D

Injection Date:	11-Oct-2012 13:57:41	Limit Group:	GCV 8015B GRO ICAL
Client ID:		Instrument ID:	O
Lims Batch ID:	60945	Lims Sample ID:	7
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\O\20121011-13978.b\O1101108.D		
Lims ID:	STD5 GAS	Client ID:	
Inject. Date:	11-Oct-2012 14:31:58	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	5
Sample ID:	240-0013978-008		
Misc. Info.:			
Operator:	1765	Instrument ID:	O
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	60945	Lims Sample ID:	8
Sublist:	chrom-O80158021*sub4		
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\O\20121011-13978.b\O80158021.m		
Last Update:	12-Oct-2012 09:00:25	Calib Date:	11-Oct-2012 15:06:17
Quant Method:	Internal/External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\O\20121011-13978.b\O1101109.D		
Limit Group:	GCV 8015B GRO ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK029		

Compound	Det	RT	ADJ RT	DLT RT	Response	On-Col Amt ug/l	Flags
* 15 Fluorobenzene	1	2.251	2.242	0.009	4336	0	
$ 16 Trifluorotoluene (Surr)	2	9.058	9.059	-0.001	2219272	10.2	
A 5 C6-C10	2	11.348	4.351 - 18.346		220674265	1070.0	
A 1 C6-C12	2	13.054	4.351 - 21.757		241595979	1065.5	

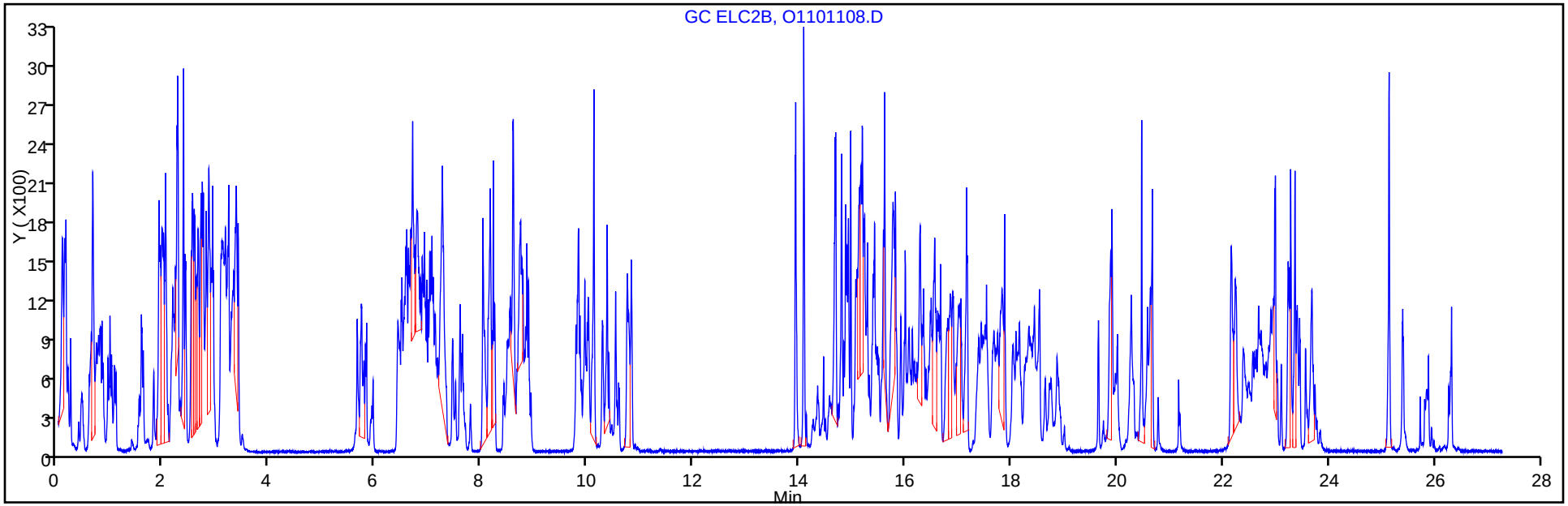
Report Date: 12-Oct-2012 09:00:25 Chrom Revision: 2.0 21-Aug-2012 09:09:58

TestAmerica Canton

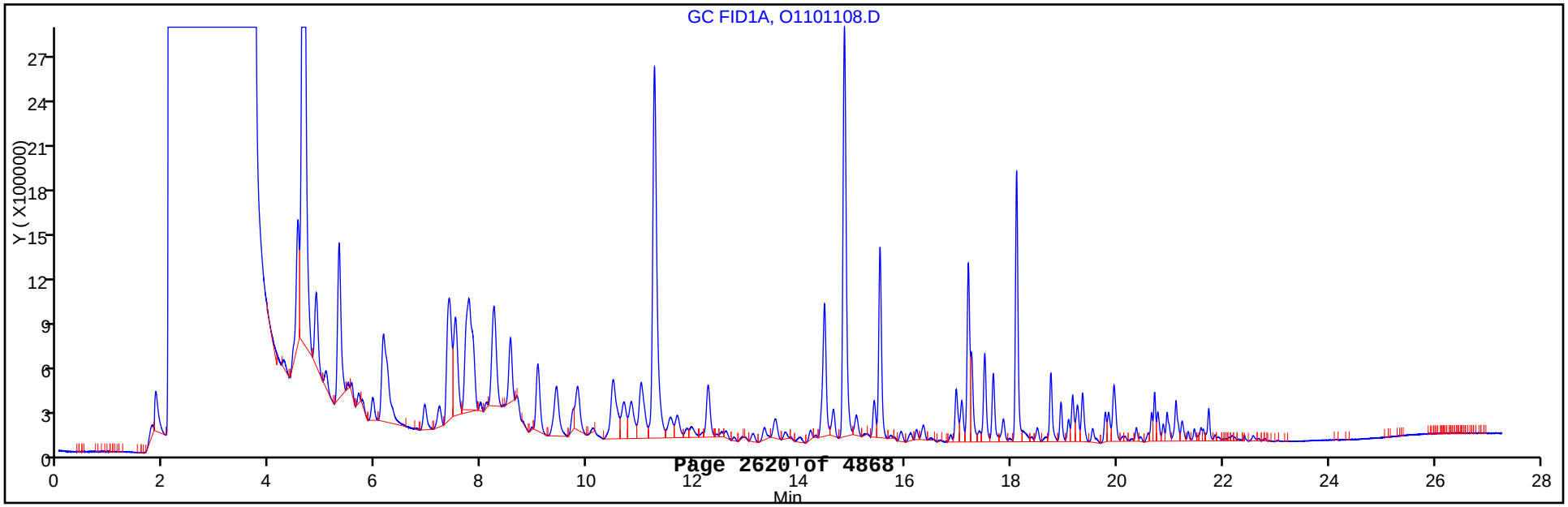
Data File: \\Ncchrom\ChromData\O\20121011-13978.b\O1101108.D

Injection Date:	11-Oct-2012 14:31:58	Limit Group:	GCV 8015B GRO ICAL
Client ID:		Instrument ID:	O
Lims Batch ID:	60945	Lims Sample ID:	8
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\O\20121011-13978.b\O1101109.D		
Lims ID:	STD6 GAS	Client ID:	
Inject. Date:	11-Oct-2012 15:06:17	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	6
Sample ID:	240-0013978-009		
Misc. Info.:			
Operator:	1765	Instrument ID:	O
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	60945	Lims Sample ID:	9
Sublist:	chrom-O80158021*sub4		
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\O\20121011-13978.b\O80158021.m		
Last Update:	12-Oct-2012 09:00:33	Calib Date:	11-Oct-2012 15:06:17
Quant Method:	Internal/External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\O\20121011-13978.b\O1101109.D		
Limit Group:	GCV 8015B GRO ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK029		

Compound	Det	RT	ADJ RT	DLT RT	Response	On-Col Amt ug/l	Flags
* 15 Fluorobenzene	1	2.109	2.242	-0.133	4695	0	
$ 16 Trifluorotoluene (Surr)	2	9.073	9.059	0.014	2478962	11.3	
A 5 C6-C10	2	11.348	4.351 - 18.346		307522398	1491.1	
A 1 C6-C12	2	13.054	4.351 - 21.757		342163983	1509.1	

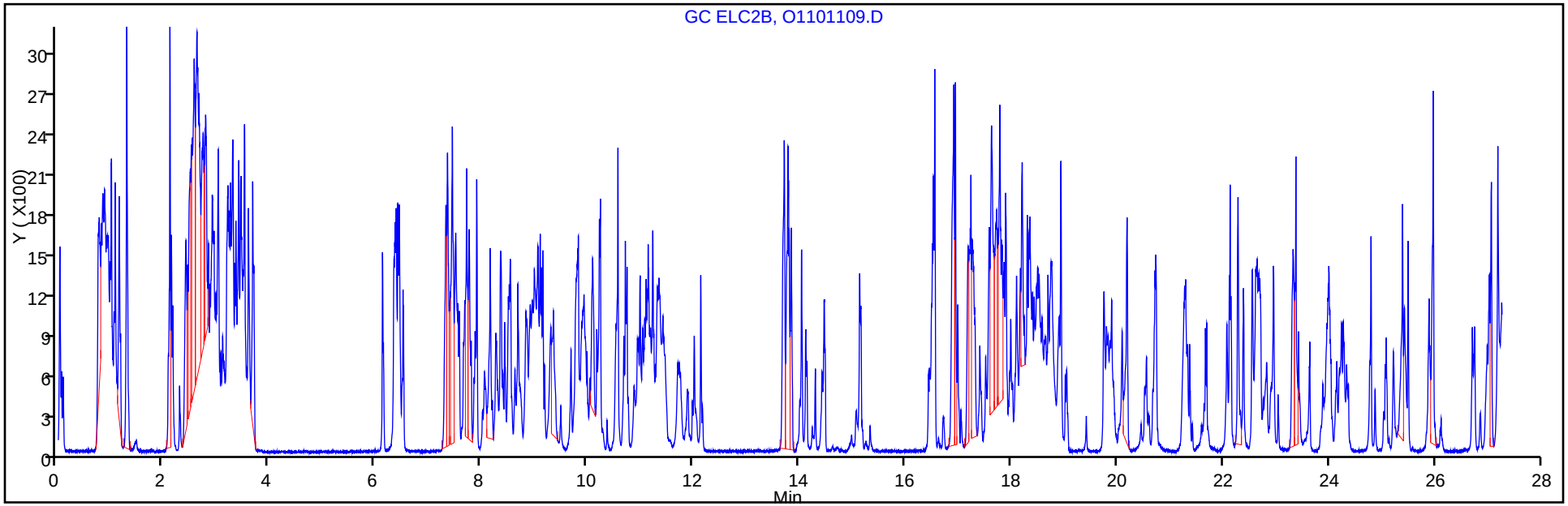
Report Date: 12-Oct-2012 09:00:33 Chrom Revision: 2.0 21-Aug-2012 09:09:58

TestAmerica Canton

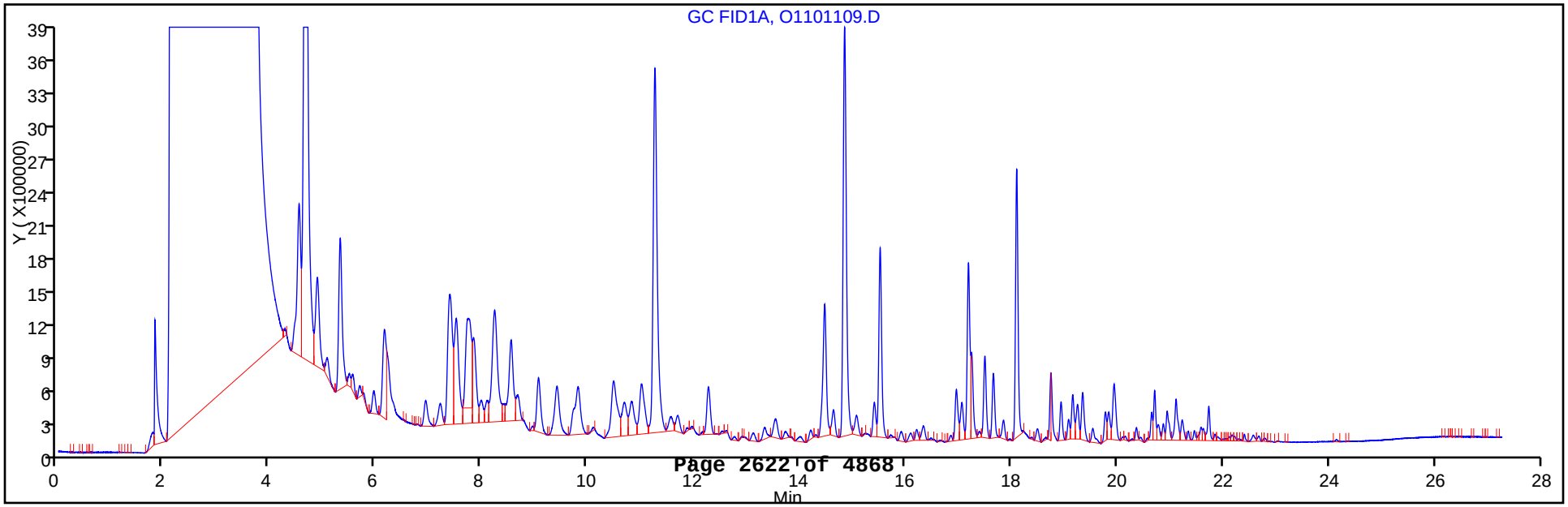
Data File: \\Ncchrom\ChromData\O\20121011-13978.b\O1101109.D

Injection Date:	11-Oct-2012 15:06:17	Limit Group:	GCV 8015B GRO ICAL
Client ID:		Instrument ID:	O
Lims Batch ID:	60945	Lims Sample ID:	9
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM VI
GASOLINE RANGE ORGANICS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1 Analy Batch No.: 54511

SDG No.:

Instrument ID: YPID GC Column: RTX-VRX ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/15/2012 18:36 Calibration End Date: 08/15/2012 22:00 Calibration ID: 10675

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 240-54511/6	YF081506.D
Level 2	STD2 240-54511/7	YF081507.D
Level 3	STD3 240-54511/8	YF081508.D
Level 4	STD4 240-54511/9	YF081509.D
Level 5	STD5 240-54511/10	YF081510.D
Level 6	STD6 240-54511/11	YF081511.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
C6-C10	11.760	11.760	11.760	11.760	11.760	11.760					4.755 - 18.765	11.760
C6-C12	13.426	13.426	13.426	13.426	13.426	13.426					4.855 - 21.997	13.426
Trifluorotoluene (Surr)	9.711	9.710	9.713	9.708	9.711	9.712					9.463 - 9.963	9.711

FORM VI
GASOLINE RANGE ORGANICS INITIAL CALIBRATION DATA
EXTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Canton Job No.: 240-17317-1 Analy Batch No.: 54511

SDG No.:

Instrument ID: YPID GC Column: RTX-VRX ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/15/2012 18:36 Calibration End Date: 08/15/2012 22:00 Calibration ID: 10675

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 240-54511/6	YF081506.D
Level 2	STD2 240-54511/7	YF081507.D
Level 3	STD3 240-54511/8	YF081508.D
Level 4	STD4 240-54511/9	YF081509.D
Level 5	STD5 240-54511/10	YF081510.D
Level 6	STD6 240-54511/11	YF081511.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3	LVL 4		B	M1	M2								
C6-C10	183542 118119	135498 128955	126511	123496	Ave		136019.970				18.0		20.0			
C6-C12	255673 133903	170408 145976	149081	141314	Lin	6701438.48	136365.157							0.9940		0.9900
Trifluorotoluene (Surr)	136571 165376	137906 183597	145025	153818	Ave		153715.733				12.0		20.0			

Note: The m1 coefficient is the same as Ave CF for an Ave curve type.

FORM VI
GASOLINE RANGE ORGANICS INITIAL CALIBRATION DATA
EXTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Canton Job No.: 240-17317-1 Analy Batch No.: 54511

SDG No.:

Instrument ID: YPID GC Column: RTX-VRX ID: 0.45(mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/15/2012 18:36 Calibration End Date: 08/15/2012 22:00 Calibration ID: 10675

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD1 240-54511/6	YF081506.D
Level 2	STD2 240-54511/7	YF081507.D
Level 3	STD3 240-54511/8	YF081508.D
Level 4	STD4 240-54511/9	YF081509.D
Level 5	STD5 240-54511/10	YF081510.D
Level 6	STD6 240-54511/11	YF081511.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
C6-C10	Ave	18354154 206328514	27099537	50604228	98796615	141742722	100 1600	200	400	800	1200
C6-C12	Lin	25567346 233562173	34081672	59632568	113051081	160683965	100 1600	200	400	800	1200
Trifluorotoluene (Surr)	Ave	1365710 1835973	1379064	1450251	1538182	1653764	10.0 10.0	10.0	10.0	10.0	10.0

Curve Type Legend:

Ave = Average
Lin = Linear

TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\YPID\20120815-12413.b\YF081506.D		
Lims ID:	STD1 GAS	Client ID:	
Inject. Date:	15-Aug-2012 18:36:54	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	1
Sample ID:	240-0012413-006		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Vol. Injected:	1.0000	ALS Bottle#:	1
Lims Batch ID:	54511	Lims Sample ID:	6
Sublist:	chrom-Y80158021*sub7		
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20120815-12413.b\Y80158021.m		
Last Update:	16-Aug-2012 12:49:24	Calib Date:	15-Aug-2012 22:00:09
Quant Method:	Internal/External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\YPID\20120815-12413.b\YF081511.D		
Limit Group:	GCV 8015B GRO ICAL		
Integrator:	Falcon		
Process Host:	XAWRK030		

Compound	Det	RT	ADJ RT	DLT RT	Response	On-Col Amt ug/l	Flags
* 15 Fluorobenzene	1	0.000	8.477	-8.477	0	0	
$ 16 Trifluorotoluene (Surr)	2	9.711	9.713	-0.002	1365710	8.88	
A 5 C6-C10	2	11.760	4.755 -	18.765	18354154	134.9	
A 1 C6-C12	2	13.426	4.855 -	21.997	25567346	138.3	

Report Date: 16-Aug-2012 12:49:25 Chrom Revision: 2.0 17-Jul-2012 17:32:54

Data File: \\Ncchrom\ChromData\YPID\20120815-12413.b\YF081506.D

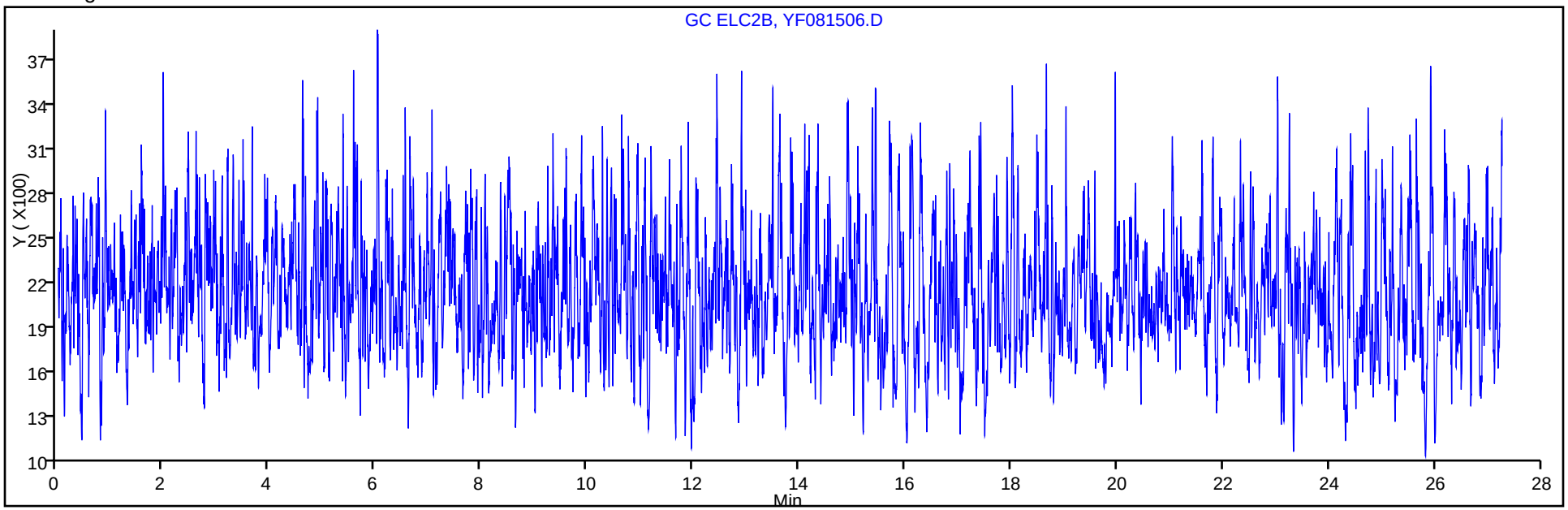
Injection Date: 15-Aug-2012 18:36:54 Limit Group: GCV 8015B GRO ICAL

Client ID: Instrument ID: YPID

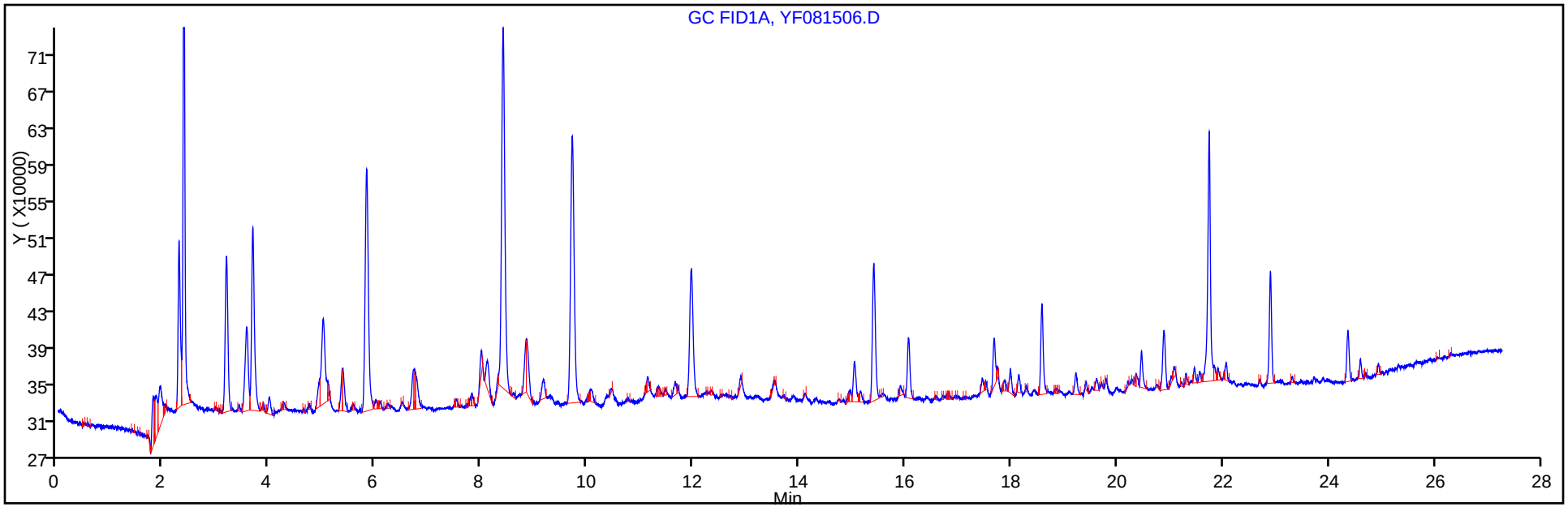
Lims Batch ID: 54511 Lims Sample ID: 6

Operator ID: 1765

Y Scaling:



Y Scaling:



TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\YPID\20120815-12413.b\YF081507.D		
Lims ID:	STD2 GAS	Client ID:	
Inject. Date:	15-Aug-2012 19:17:42	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	2
Sample ID:	240-0012413-007		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Vol. Injected:	1.0000	ALS Bottle#:	1
Lims Batch ID:	54511	Lims Sample ID:	7
Sublist:	chrom-Y80158021*sub7		
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20120815-12413.b\Y80158021.m		
Last Update:	16-Aug-2012 12:49:28	Calib Date:	15-Aug-2012 22:00:09
Quant Method:	Internal/External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\YPID\20120815-12413.b\YF081511.D		
Limit Group:	GCV 8015B GRO ICAL		
Integrator:	Falcon		
Process Host:	XAWRK030		

Compound	Det	RT	ADJ RT	DLT RT	Response	On-Col Amt ug/l	Flags
* 15 Fluorobenzene	1	0.000	8.477	-8.477	0	0	
$ 16 Trifluorotoluene (Surr)	2	9.710	9.713	-0.003	1379064	8.97	
A 5 C6-C10	2	11.760	4.755 -	18.765	27099537	199.2	
A 1 C6-C12	2	13.426	4.855 -	21.997	34081672	200.8	

Report Date: 16-Aug-2012 12:49:28 Chrom Revision: 2.0 17-Jul-2012 17:32:54

Data File: \\Ncchrom\ChromData\YPID\20120815-12413.b\YF081507.D

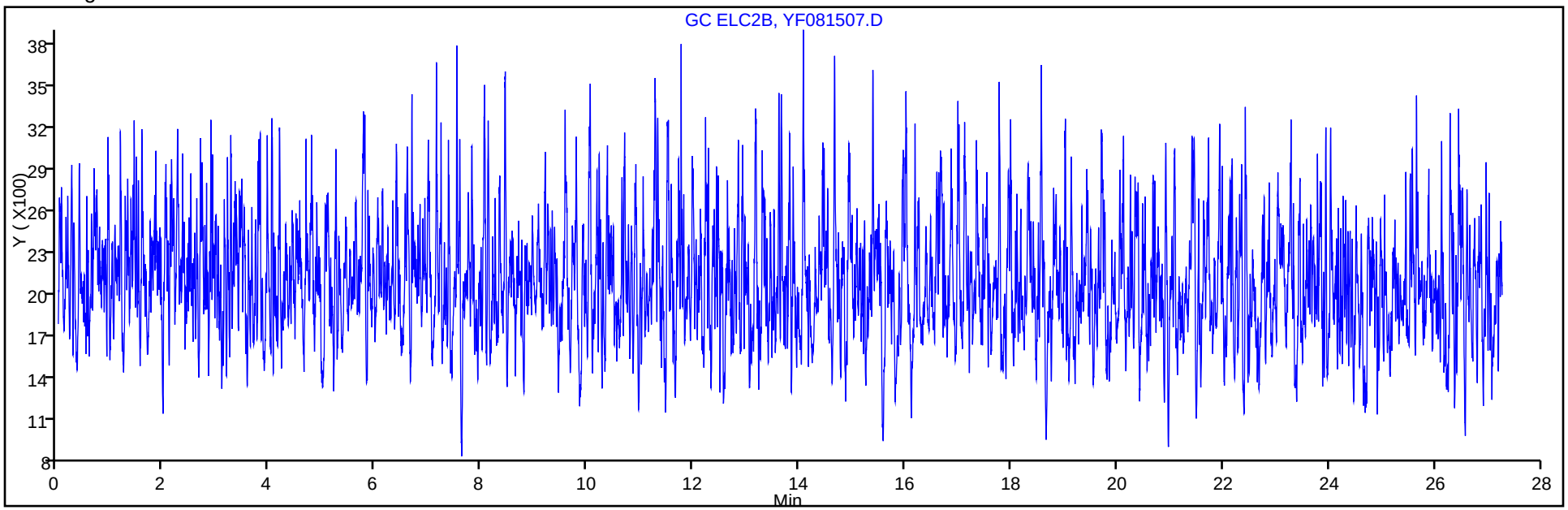
Injection Date: 15-Aug-2012 19:17:42 Limit Group: GCV 8015B GRO ICAL

Client ID: Instrument ID: YPID

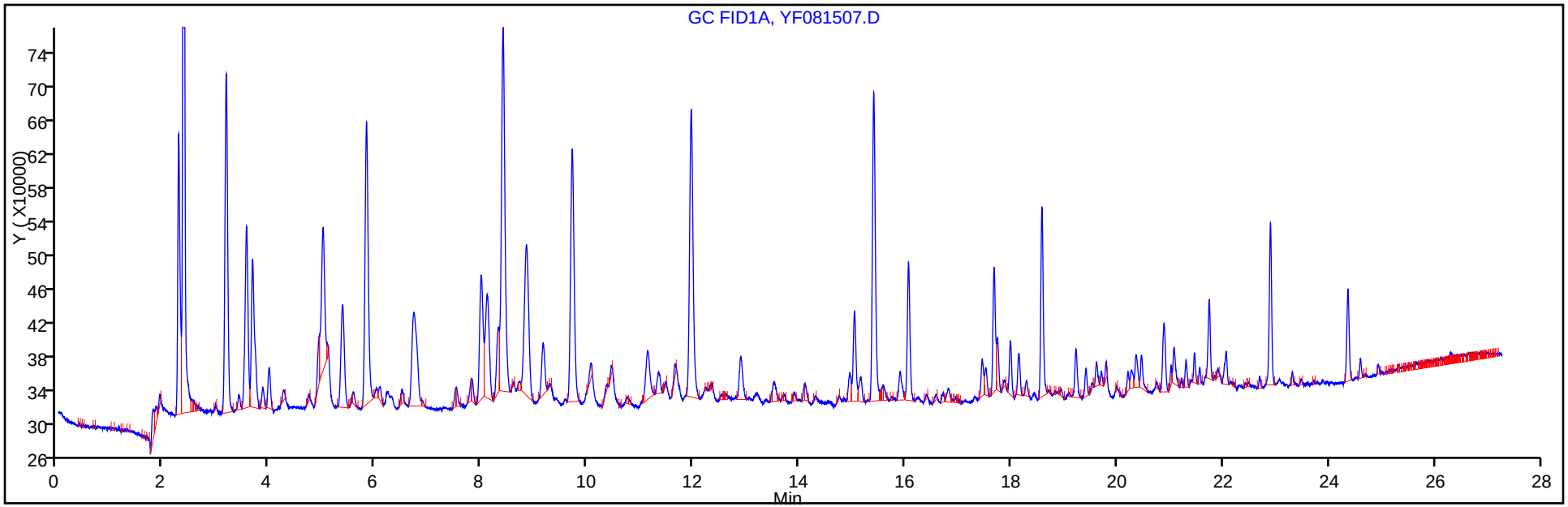
Lims Batch ID: 54511 Lims Sample ID: 7

Operator ID: 1765

Y Scaling:



Y Scaling:



TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\YPID\20120815-12413.b\YF081508.D		
Lims ID:	STD3 GAS	Client ID:	
Inject. Date:	15-Aug-2012 19:58:01	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	3
Sample ID:	240-0012413-008		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Vol. Injected:	1.0000	ALS Bottle#:	1
Lims Batch ID:	54511	Lims Sample ID:	8
Sublist:	chrom-Y80158021*sub7		
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20120815-12413.b\Y80158021.m		
Last Update:	16-Aug-2012 12:49:32	Calib Date:	15-Aug-2012 22:00:09
Quant Method:	Internal/External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\YPID\20120815-12413.b\YF081511.D		
Limit Group:	GCV 8015B GRO ICAL		
Integrator:	Falcon		
Process Host:	XAWRK030		

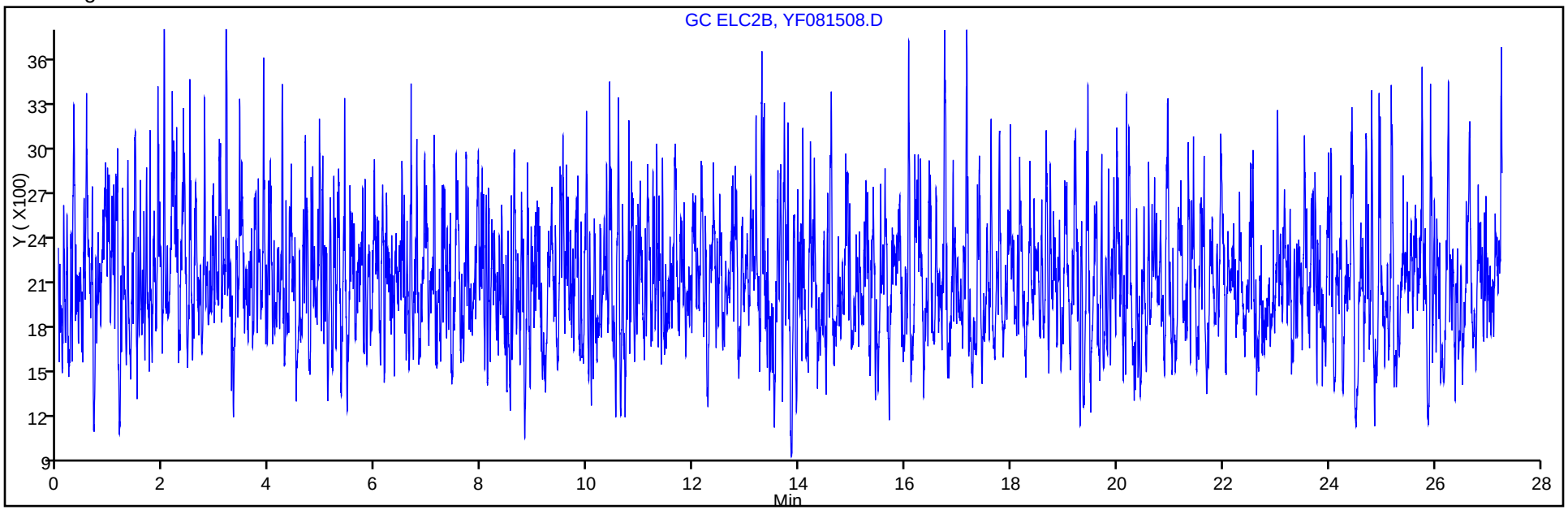
Compound	Det	RT	ADJ RT	DLT RT	Response	On-Col Amt ug/l	Flags
* 15 Fluorobenzene	1	0.000	8.477	-8.477	0	0	
$ 16 Trifluorotoluene (Surr)	2	9.713	9.713	0.0	1450251	9.43	
A 5 C6-C10	2	11.760	4.755 -	18.765	50604228	372.0	
A 1 C6-C12	2	13.426	4.855 -	21.997	59632568	388.2	

Report Date: 16-Aug-2012 12:49:32 Chrom Revision: 2.0 17-Jul-2012 17:32:54

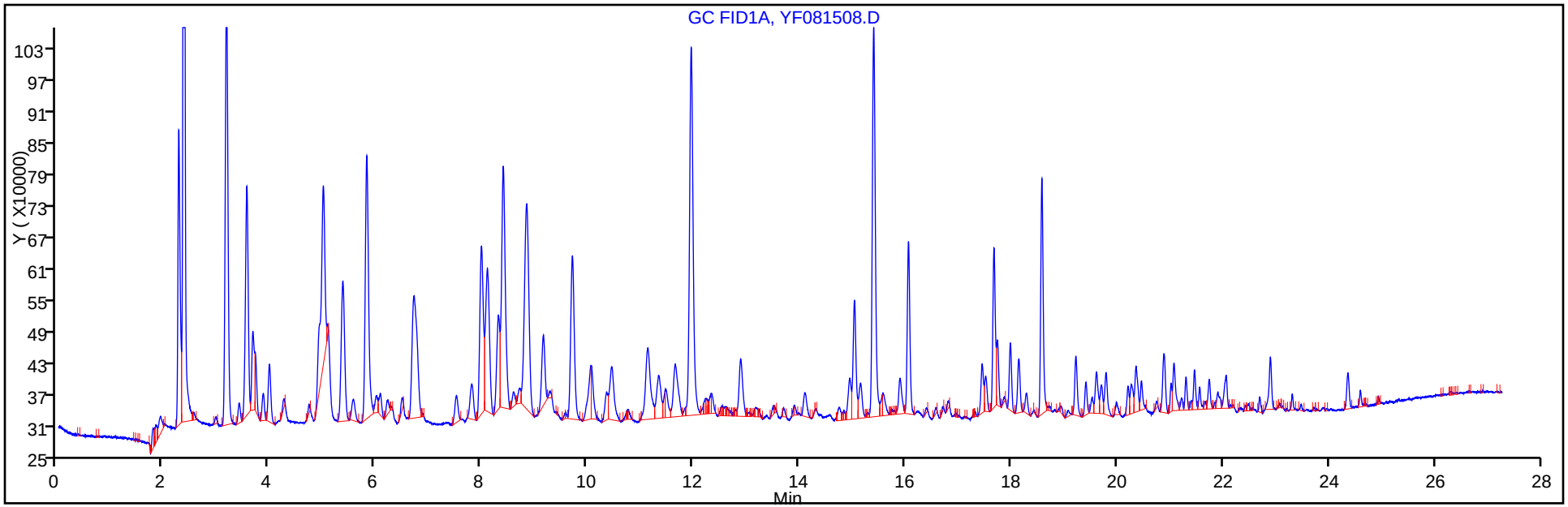
Data File: \\Ncchrom\ChromData\YPID\20120815-12413.b\YF081508.D

Injection Date:	15-Aug-2012 19:58:01	Limit Group:	GCV 8015B GRO ICAL
Client ID:		Instrument ID:	YPID
Lims Batch ID:	54511	Lims Sample ID:	8
Operator ID:	1765		

Y Scaling:



Y Scaling:



TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\YPID\20120815-12413.b\YF081509.D		
Lims ID:	STD4 GAS	Client ID:	
Inject. Date:	15-Aug-2012 20:39:09	Dil. Factor:	1.0000
Sample Type:	ICRT	Calib Level:	4
Sample ID:	240-0012413-009		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Vol. Injected:	1.0000	ALS Bottle#:	1
Lims Batch ID:	54511	Lims Sample ID:	9
Sublist:	chrom-Y80158021*sub7		
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20120815-12413.b\Y80158021.m		
Last Update:	16-Aug-2012 12:49:36	Calib Date:	15-Aug-2012 22:00:09
Quant Method:	Internal/External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\YPID\20120815-12413.b\YF081511.D		
Limit Group:	GCV 8015B GRO ICAL		
Integrator:	Falcon		
Process Host:	XAWRK030		

Compound	Det	RT	ADJ RT	DLT RT	Response	On-Col Amt ug/l	Flags
* 15 Fluorobenzene	1	0.000	8.477	-8.477	0	0	
$ 16 Trifluorotoluene (Surr)	2	9.708	9.708	0.0	1538182	10.0	
A 5 C6-C10	2	11.760	4.755 -	18.765	98796615	726.3	
A 1 C6-C12	2	13.426	4.855 -	21.997	113051081	779.9	

Report Date: 16-Aug-2012 12:49:36 Chrom Revision: 2.0 17-Jul-2012 17:32:54

Data File: \\Ncchrom\ChromData\YPID\20120815-12413.b\YF081509.D

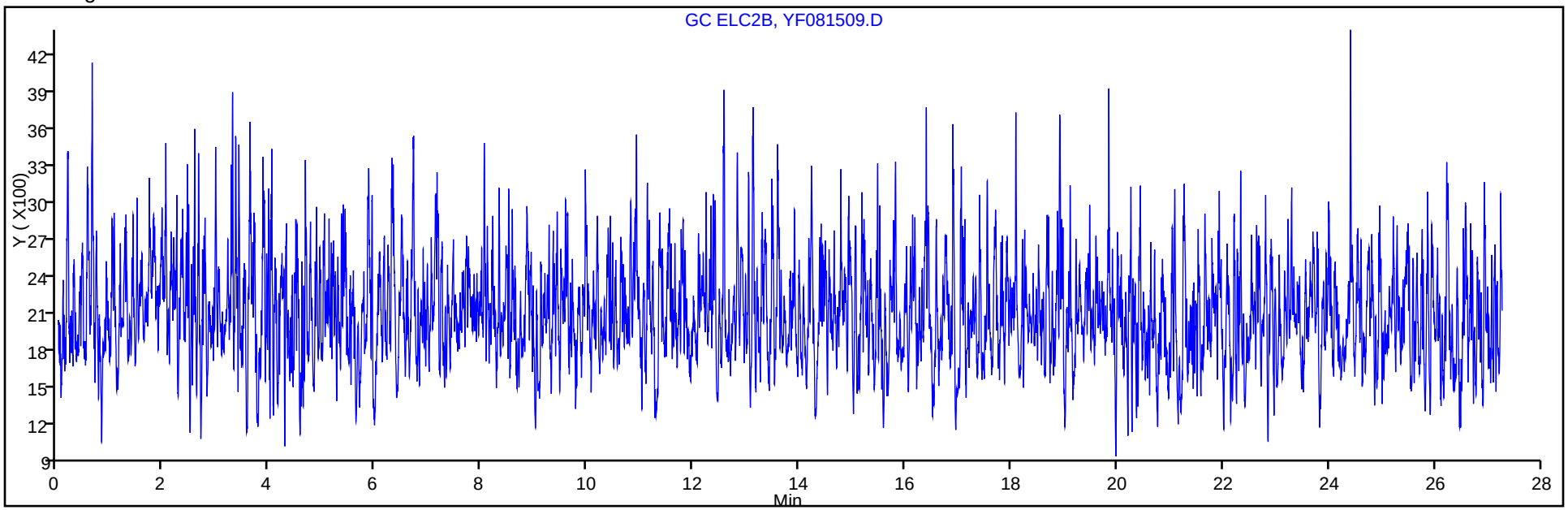
Injection Date: 15-Aug-2012 20:39:09 Limit Group: GCV 8015B GRO ICAL

Client ID: Instrument ID: YPID

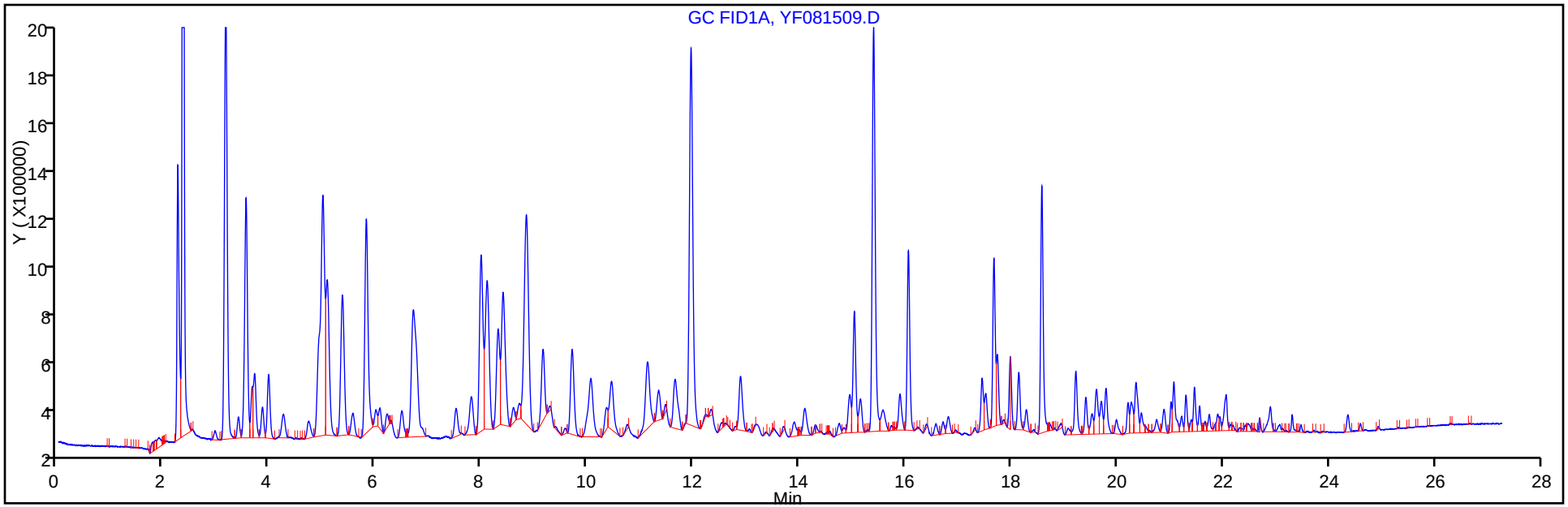
Lims Batch ID: 54511 Lims Sample ID: 9

Operator ID: 1765

Y Scaling:



Y Scaling:



TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\YPID\20120815-12413.b\YF081510.D		
Lims ID:	STD5 GAS	Client ID:	
Inject. Date:	15-Aug-2012 21:19:54	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	5
Sample ID:	240-0012413-010		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Vol. Injected:	1.0000	ALS Bottle#:	1
Lims Batch ID:	54511	Lims Sample ID:	10
Sublist:	chrom-Y80158021*sub7		
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20120815-12413.b\Y80158021.m		
Last Update:	16-Aug-2012 12:49:40	Calib Date:	15-Aug-2012 22:00:09
Quant Method:	Internal/External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\YPID\20120815-12413.b\YF081511.D		
Limit Group:	GCV 8015B GRO ICAL		
Integrator:	Falcon		
Process Host:	XAWRK030		

Compound	Det	RT	ADJ RT	DLT RT	Response	On-Col Amt ug/l	Flags
* 15 Fluorobenzene	1	0.000	8.477	-8.477	0	0	
$ 16 Trifluorotoluene (Surr)	2	9.711	9.708	0.003	1653764	10.8	
A 5 C6-C10	2	11.760	4.755 -	18.765	141742722	1042.1	
A 1 C6-C12	2	13.426	4.855 -	21.997	160683965	1129.2	

Report Date: 16-Aug-2012 12:49:40 Chrom Revision: 2.0 17-Jul-2012 17:32:54

Data File: \\Ncchrom\ChromData\YPID\20120815-12413.b\YF081510.D

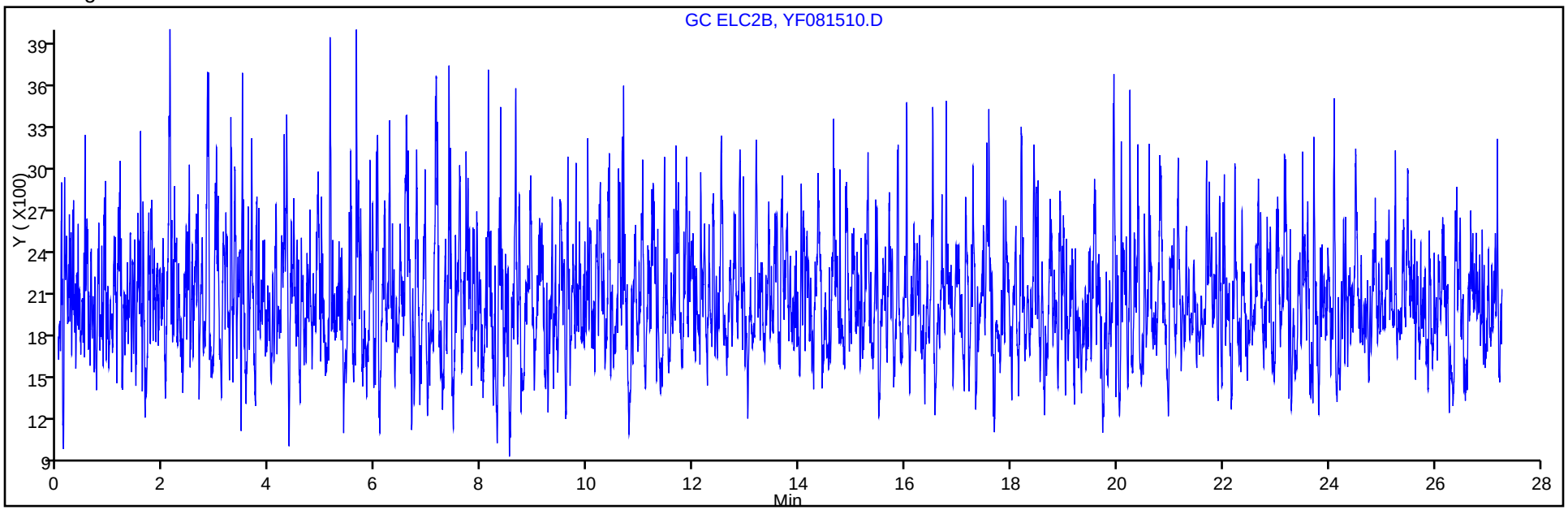
Injection Date: 15-Aug-2012 21:19:54 Limit Group: GCV 8015B GRO ICAL

Client ID: Instrument ID: YPID

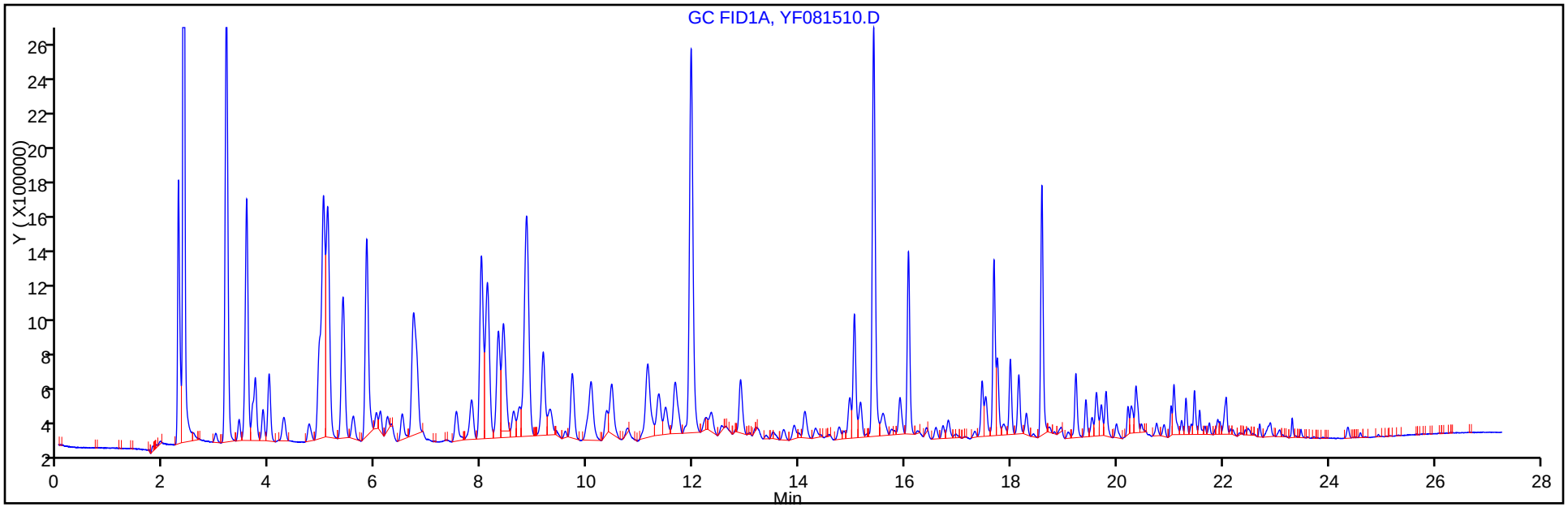
Lims Batch ID: 54511 Lims Sample ID: 10

Operator ID: 1765

Y Scaling:



Y Scaling:



TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\YPID\20120815-12413.b\YF081511.D		
Lims ID:	STD6 GAS	Client ID:	
Inject. Date:	15-Aug-2012 22:00:09	Dil. Factor:	1.0000
Sample Type:	IC	Calib Level:	6
Sample ID:	240-0012413-011		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Vol. Injected:	1.0000	ALS Bottle#:	1
Lims Batch ID:	54511	Lims Sample ID:	11
Sublist:	chrom-Y80158021*sub7		
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20120815-12413.b\Y80158021.m		
Last Update:	16-Aug-2012 12:49:43	Calib Date:	15-Aug-2012 22:00:09
Quant Method:	Internal/External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\YPID\20120815-12413.b\YF081511.D		
Limit Group:	GCV 8015B GRO ICAL		
Integrator:	Falcon		
Process Host:	XAWRK030		

Compound	Det	RT	ADJ RT	DLT RT	Response	On-Col Amt ug/l	Flags
* 15 Fluorobenzene	1	0.000	8.477	-8.477	0	0	
$ 16 Trifluorotoluene (Surr)	2	9.712	9.708	0.004	1835973	11.9	
A 5 C6-C10	2	11.760	4.755 -	18.765	206328514	1516.9	
A 1 C6-C12	2	13.426	4.855 -	21.997	233562173	1663.6	

Report Date: 16-Aug-2012 12:49:44 Chrom Revision: 2.0 17-Jul-2012 17:32:54

Data File: \\Ncchrom\ChromData\YPID\20120815-12413.b\YF081511.D

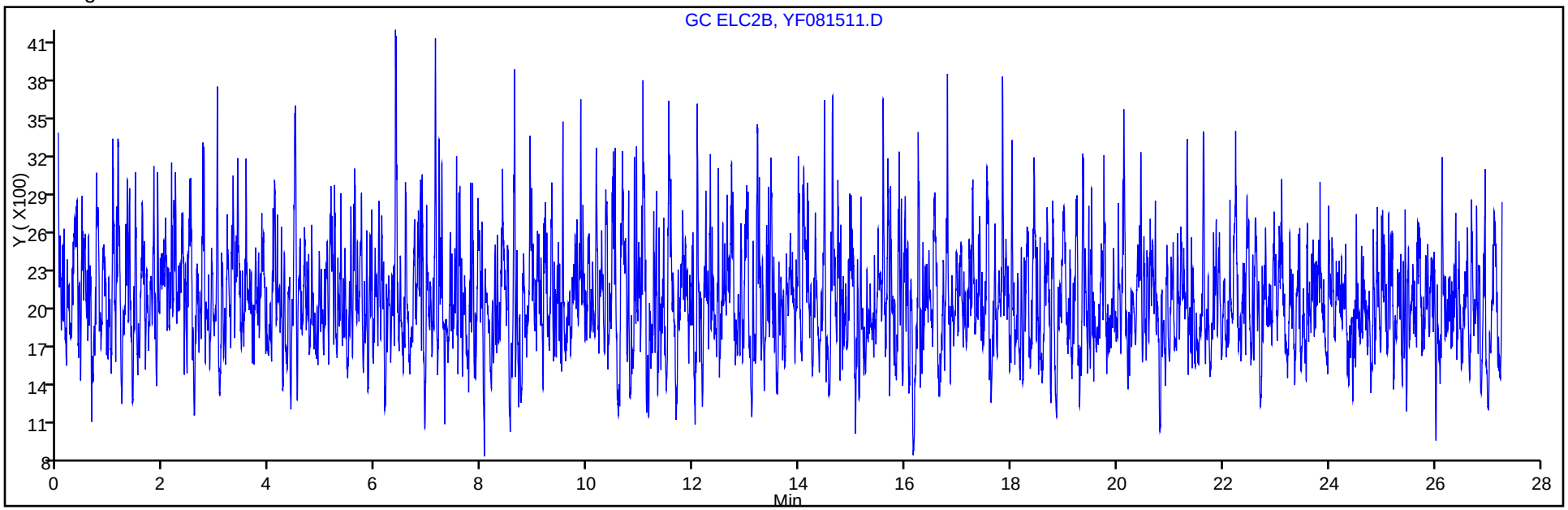
Injection Date: 15-Aug-2012 22:00:09 Limit Group: GCV 8015B GRO ICAL

Client ID: Instrument ID: YPID

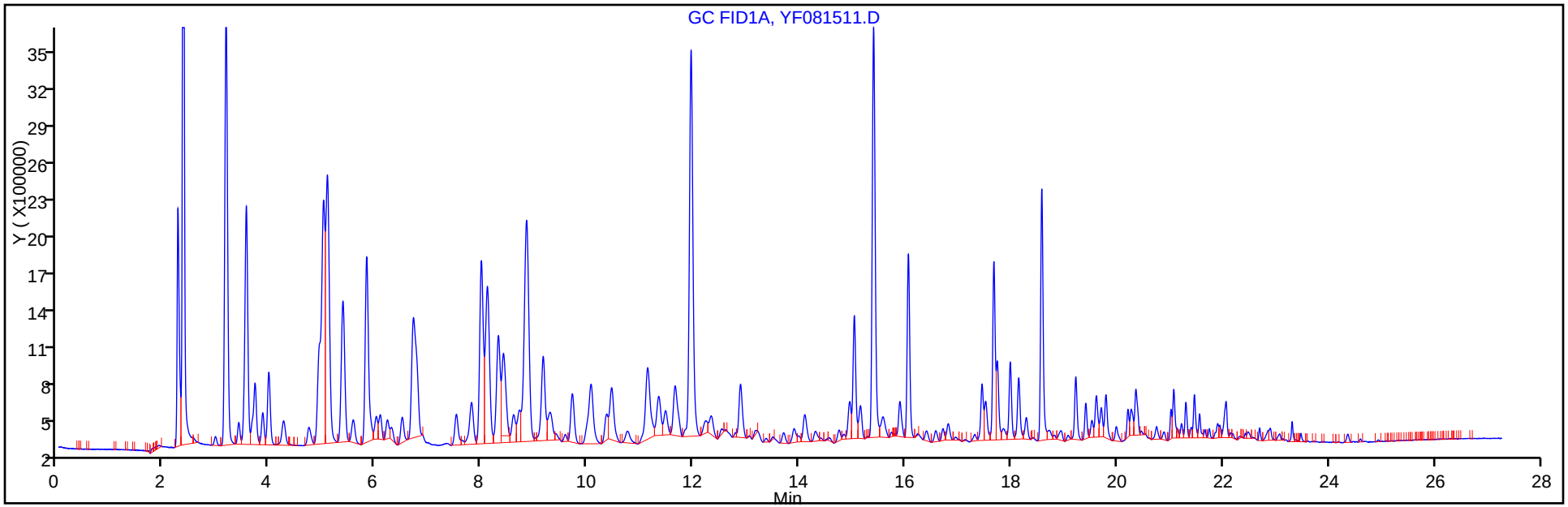
Lims Batch ID: 54511 Lims Sample ID: 11

Operator ID: 1765

Y Scaling:



Y Scaling:



FORM VII
GASOLINE RANGE ORGANICS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: ICV 240-60945/10 Calibration Date: 10/11/2012 15:40

Instrument ID: O Calib Start Date: 10/11/2012 12:15

GC Column: RTX-VRX ID: 0.45(mm) Calib End Date: 10/11/2012 15:06

Lab File ID: O1101110.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
C6-C12	Ave	226741	231986		819	800	2.3	20.0
Trifluorotoluene (Surr)	Ave	218583	220404		10.1	10.0	0.8	20.0

FORM VII
GASOLINE RANGE ORGANICS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: ICV 240-60945/10 Calibration Date: 10/11/2012 15:40

Instrument ID: O Calib Start Date: 10/11/2012 12:15

GC Column: RTX-VRX ID: 0.45(mm) Calib End Date: 10/11/2012 15:06

Lab File ID: O1101110.D Heated Purge: (Y/N) N

Analyte	RT	RT WINDOW	
		FROM	TO
C6-C12	13.05	4.35	21.76
Trifluorotoluene (Surr)	9.05	8.81	9.31

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\O\20121011-13978.b\O1101110.D		
Lims ID:	ICV GAS	Client ID:	
Inject. Date:	11-Oct-2012 15:40:47	Dil. Factor:	1.0000
Sample Type:	ICV		
Sample ID:	240-0013978-010		
Misc. Info.:			
Operator:	1765	Instrument ID:	O
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	60945	Lims Sample ID:	10
Sublist:	chrom-O80158021*sub4		
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\O\20121011-13978.b\O80158021.m		
Last Update:	12-Oct-2012 09:00:33	Calib Date:	11-Oct-2012 15:06:17
Quant Method:	Internal/External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\O\20121011-13978.b\O1101109.D		
Limit Group:	GCV 8015B GRO ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK029		

Compound	Det	RT	ADJ RT	DLT RT	Response	On-Col Amt ug/l	Flags
* 15 Fluorobenzene	1	2.188	2.242	-0.054	4049	0	
$ 16 Trifluorotoluene (Surr)	2	9.053	9.059	-0.006	2204039	10.1	
A 5 C6-C10	2	11.348	4.351 - 18.346		167931975	814.2	
A 1 C6-C12	2	13.054	4.351 - 21.757		185588452	818.5	

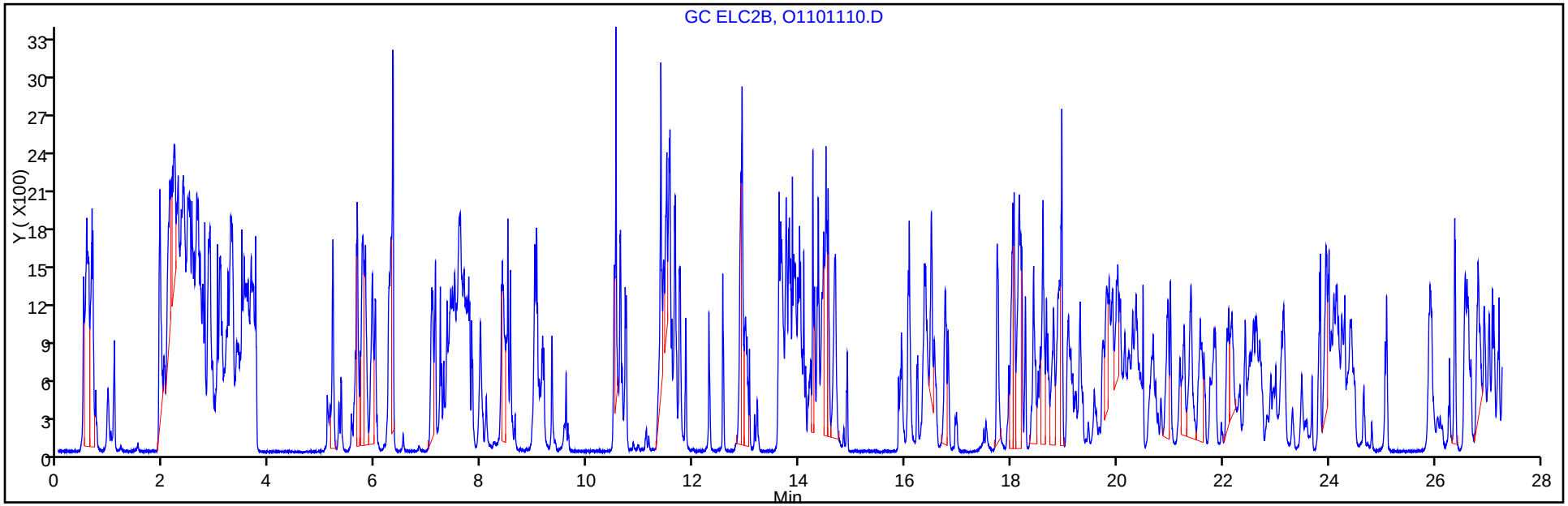
Report Date: 12-Oct-2012 09:00:37 Chrom Revision: 2.0 21-Aug-2012 09:09:58

TestAmerica Canton

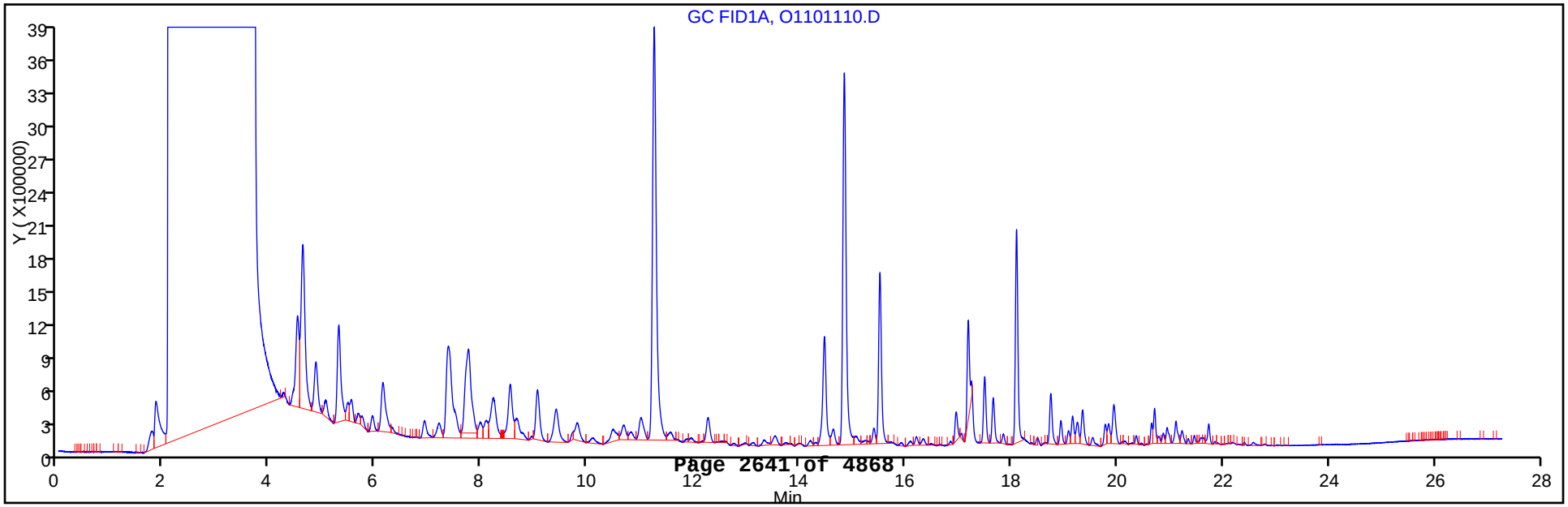
Data File: \\Ncchrom\ChromData\O\20121011-13978.b\O1101110.D

Injection Date:	11-Oct-2012 15:40:47	Limit Group:	GCV 8015B GRO ICAL
Client ID:		Instrument ID:	O
Lims Batch ID:	60945	Lims Sample ID:	10
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM VII
GASOLINE RANGE ORGANICS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: CCV 240-65195/4 Calibration Date: 11/15/2012 14:24

Instrument ID: O Calib Start Date: 10/11/2012 12:15

GC Column: RTX-VRX ID: 0.45(mm) Calib End Date: 10/11/2012 15:06

Lab File ID: O1111504.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
C6-C12	Ave	226741	227163		801	800	0.2	15.0
Trifluorotoluene (Surr)	Ave	218583	205810		9.42	10.0	-5.8	15.0

FORM VII
GASOLINE RANGE ORGANICS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: CCV 240-65195/4 Calibration Date: 11/15/2012 14:24

Instrument ID: O Calib Start Date: 10/11/2012 12:15

GC Column: RTX-VRX ID: 0.45(mm) Calib End Date: 10/11/2012 15:06

Lab File ID: O1111504.D Heated Purge: (Y/N) N

Analyte	RT	RT WINDOW	
		FROM	TO
C6-C12	13.00	4.38	21.62
Trifluorotoluene (Surr)	9.05	8.80	9.30

Report Date: 16-Nov-2012 13:45:06 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\O\20121115-14991.b\O1111504.D		
Lims ID:	CCV GAS	Client ID:	
Inject. Date:	15-Nov-2012 14:24:55	Dil. Factor:	1.0000
Sample Type:	CCVRT		
Sample ID:	240-0014991-004		
Misc. Info.:			
Operator:	1765	Instrument ID:	O
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	65195	Lims Sample ID:	4
Sublist:	chrom-O80158021*sub4		
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\O\20121115-14991.b\O80158021.m		
Last Update:	16-Nov-2012 13:45:05	Calib Date:	11-Oct-2012 15:06:17
Quant Method:	Internal/External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\O\20121011-13978.b\O1101109.D		
Limit Group:	GCV 8015B GRO ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK002		

Compound	Det	RT	ADJ RT	DLT RT	Response	On-Col Amt ug/l	Flags
* 15 Fluorobenzene	1	3.520	3.520	0.0	3026	0	
$ 16 Trifluorotoluene (Surr)	2	9.054	9.054	0.0	2058099	9.42	
A 5 C6-C10	2	11.357	4.375 -	18.340	165283515	801.4	
A 1 C6-C12	2	12.995	4.375 -	21.615	181730540	801.5	

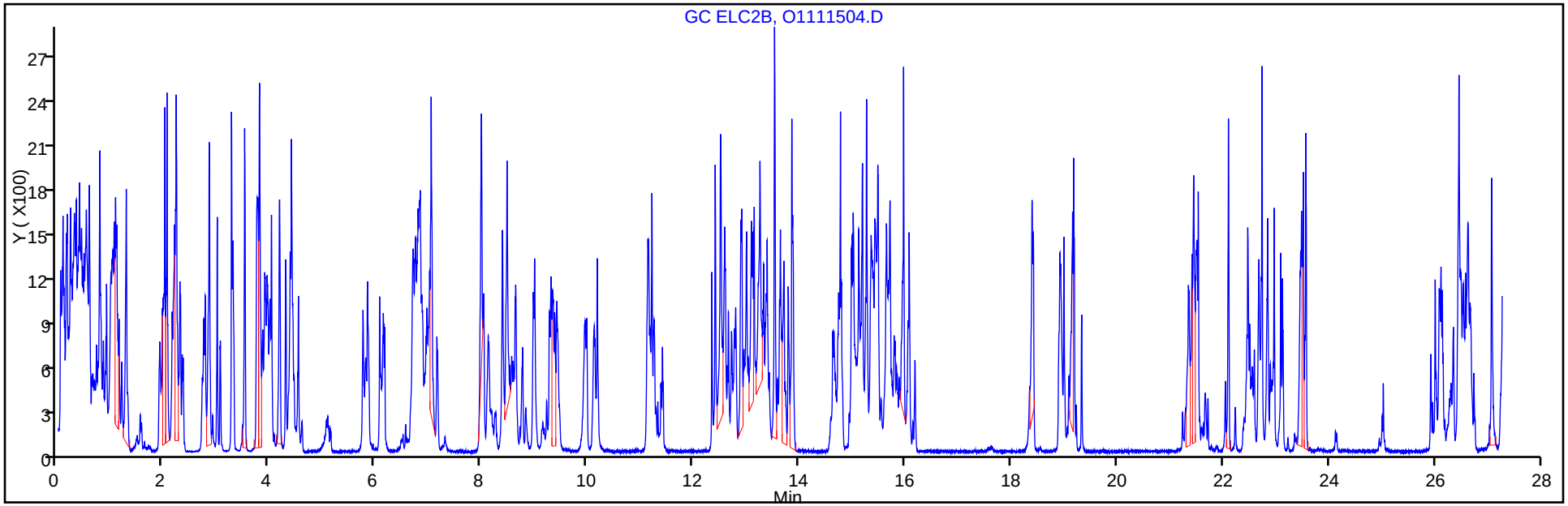
Report Date: 16-Nov-2012 13:45:06 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

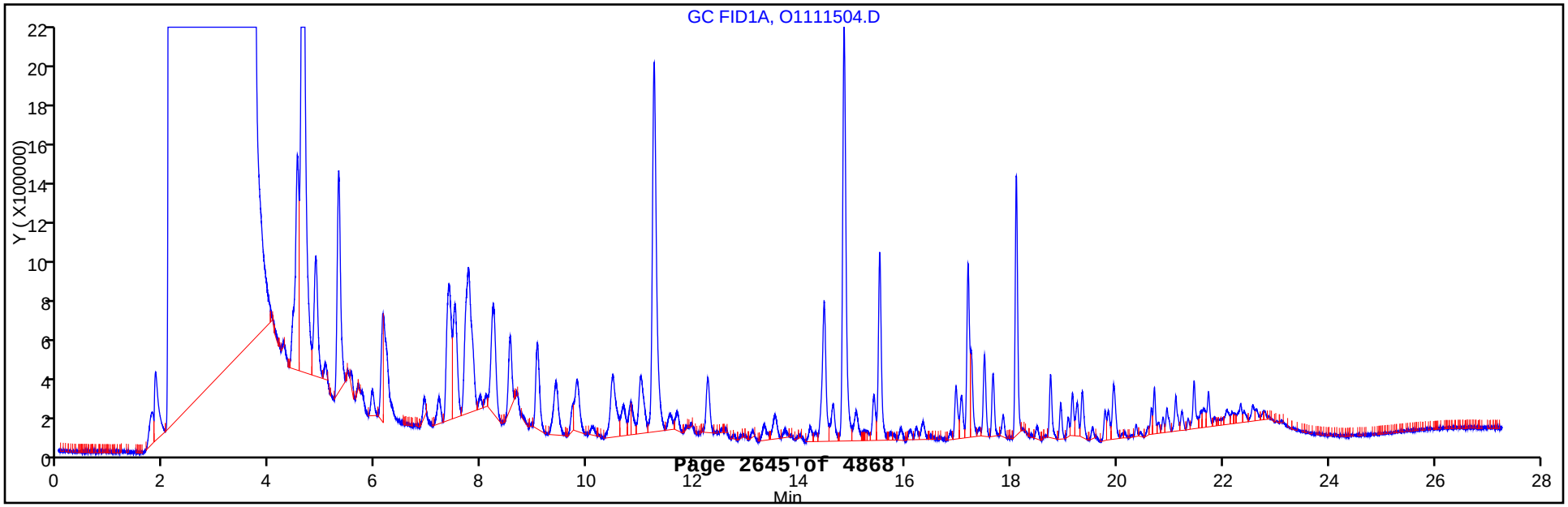
Data File: \\Ncchrom\ChromData\O\20121115-14991.b\O1111504.D

Injection Date:	15-Nov-2012 14:24:55	Limit Group:	GCV 8015B GRO ICAL
Client ID:		Instrument ID:	O
Lims Batch ID:	65195	Lims Sample ID:	4
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM VII
GASOLINE RANGE ORGANICS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: CCV 240-65195/15 Calibration Date: 11/15/2012 20:40

Instrument ID: O Calib Start Date: 10/11/2012 12:15

GC Column: RTX-VRX ID: 0.45(mm) Calib End Date: 10/11/2012 15:06

Lab File ID: O1111515.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
C6-C12	Ave	226741	196881		695	800	-13.2	15.0
Trifluorotoluene (Surr)	Ave	218583	209349		9.58	10.0	-4.2	15.0

FORM VII
GASOLINE RANGE ORGANICS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: CCV 240-65195/15 Calibration Date: 11/15/2012 20:40

Instrument ID: O Calib Start Date: 10/11/2012 12:15

GC Column: RTX-VRX ID: 0.45(mm) Calib End Date: 10/11/2012 15:06

Lab File ID: O1111515.D Heated Purge: (Y/N) N

Analyte	RT	RT WINDOW	
		FROM	TO
C6-C12	13.00	4.38	21.62
Trifluorotoluene (Surr)	9.05	8.80	9.30

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\O\20121115-14991.b\O1111515.D		
Lims ID:	CCV GAS	Client ID:	
Inject. Date:	15-Nov-2012 20:40:26	Dil. Factor:	1.0000
Sample Type:	CCV		
Sample ID:	240-0014991-015		
Misc. Info.:			
Operator:	1765	Instrument ID:	O
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	65195	Lims Sample ID:	15
Sublist:	chrom-O80158021*sub4		
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\O\20121115-14991.b\O80158021.m		
Last Update:	16-Nov-2012 13:45:24	Calib Date:	11-Oct-2012 15:06:17
Quant Method:	Internal/External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\O\20121011-13978.b\O1101109.D		
Limit Group:	GCV 8015B GRO ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK002		

Compound	Det	RT	ADJ RT	DLT RT	Response	On-Col Amt ug/l	Flags
* 15 Fluorobenzene	1	3.622	3.622	0.0	5439	0	
$ 16 Trifluorotoluene (Surr)	2	9.052	9.052	0.0	2093491	9.58	
A 5 C6-C10	2	11.357	4.375 -	18.340	143775951	697.1	
A 1 C6-C12	2	12.995	4.375 -	21.615	157505167	694.6	

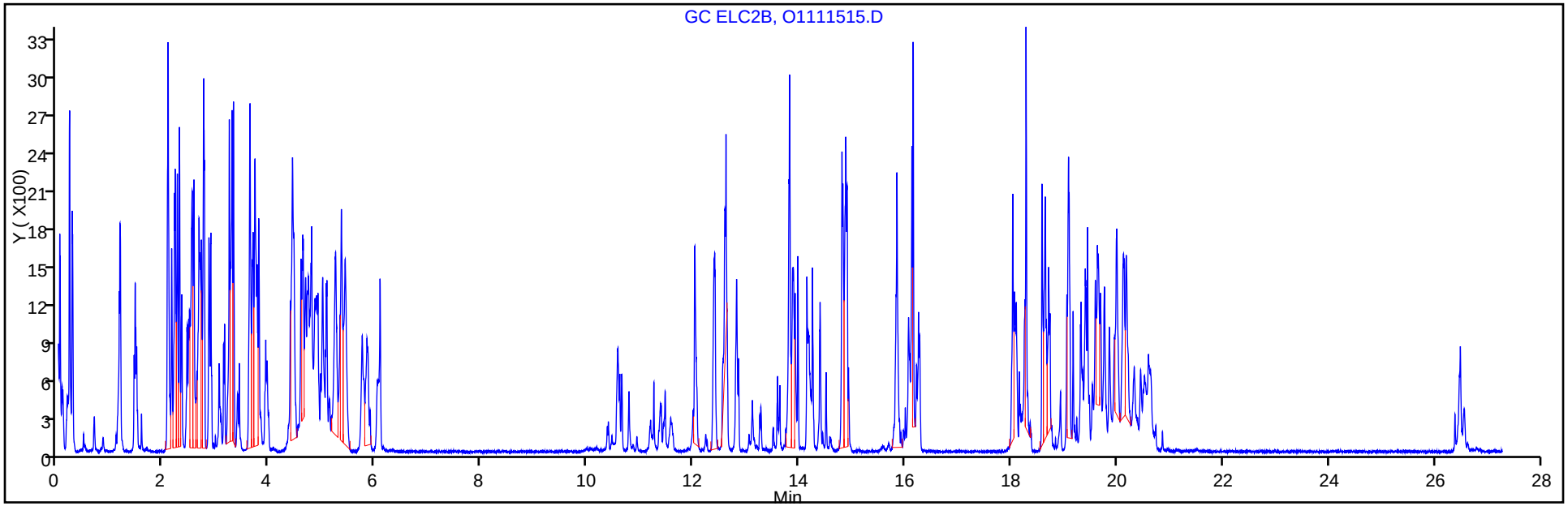
Report Date: 16-Nov-2012 13:45:25 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

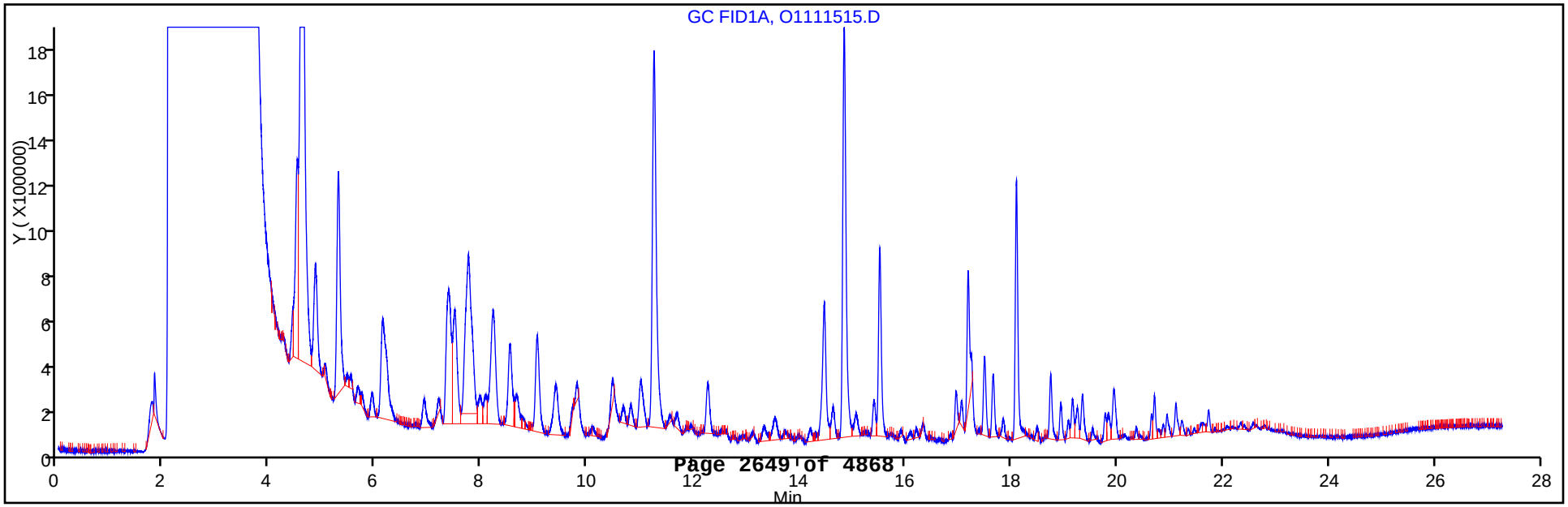
Data File: \\Ncchrom\ChromData\O\20121115-14991.b\O1111515.D

Injection Date:	15-Nov-2012 20:40:26	Limit Group:	GCV 8015B GRO ICAL
Client ID:		Instrument ID:	O
Lims Batch ID:	65195	Lims Sample ID:	15
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM VII
GASOLINE RANGE ORGANICS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: ICV 240-54511/12 Calibration Date: 08/15/2012 22:40

Instrument ID: YPID Calib Start Date: 08/15/2012 18:36

GC Column: RTX-VRX ID: 0.45(mm) Calib End Date: 08/15/2012 22:00

Lab File ID: YF081512.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
C6-C12	Lin		171870		959	800	19.9	20.0
Trifluorotoluene (Surr)	Ave	153716	157910		10.3	10.0	2.7	20.0

FORM VII
GASOLINE RANGE ORGANICS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: ICV 240-54511/12 Calibration Date: 08/15/2012 22:40

Instrument ID: YPID Calib Start Date: 08/15/2012 18:36

GC Column: RTX-VRX ID: 0.45(mm) Calib End Date: 08/15/2012 22:00

Lab File ID: YF081512.D Heated Purge: (Y/N) N

Analyte	RT	RT WINDOW	
		FROM	TO
C6-C12	13.43	4.86	22.00
Trifluorotoluene (Surr)	9.72	9.46	9.96

TestAmerica Laboratories
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\YPID\20120815-12413.b\YF081512.D		
Lims ID:	ICV GAS	Client ID:	
Inject. Date:	15-Aug-2012 22:40:41	Dil. Factor:	1.0000
Sample Type:	ICV		
Sample ID:	240-0012413-012		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Vol. Injected:	1.0000	ALS Bottle#:	1
Lims Batch ID:	54511	Lims Sample ID:	12
Sublist:			
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20120815-12413.b\Y80158021.m		
Last Update:	16-Aug-2012 12:49:43	Calib Date:	15-Aug-2012 22:00:09
Quant Method:	Internal/External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\YPID\20120815-12413.b\YF081511.D		
Limit Group:	GCV 8015B GRO ICAL		
Integrator:	Falcon		
Process Host:	XAWRK030		

First Level Reviewer: bolgrind Date: 16-Aug-2012 08:25:42

Compound	Det	RT	ADJ RT	DLT RT	Response	On-Col Amt ug/l	Flags
* 15 Fluorobenzene	1	0.000	8.477	-8.477	0	0	
$ 16 Trifluorotoluene (Surr)	2	9.715	9.708	0.007	1579095	10.3	
A 5 C6-C10	2	11.760	4.755 -	18.765	117168930	861.4	
A 1 C6-C12	2	13.426	4.855 -	21.997	137496376	959.2	

Report Date: 16-Aug-2012 12:49:48 Chrom Revision: 2.0 17-Jul-2012 17:32:54

Data File: \\Ncchrom\ChromData\YPID\20120815-12413.b\YF081512.D

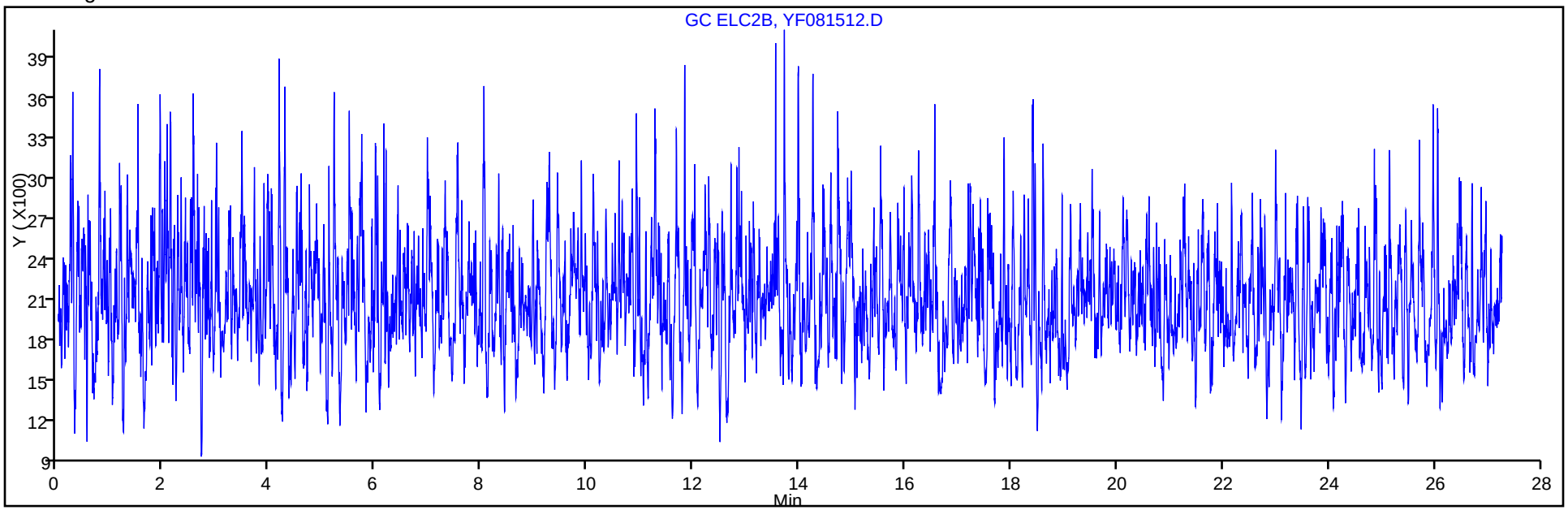
Injection Date: 15-Aug-2012 22:40:41 Limit Group: GCV 8015B GRO ICAL

Client ID: Instrument ID: YPID

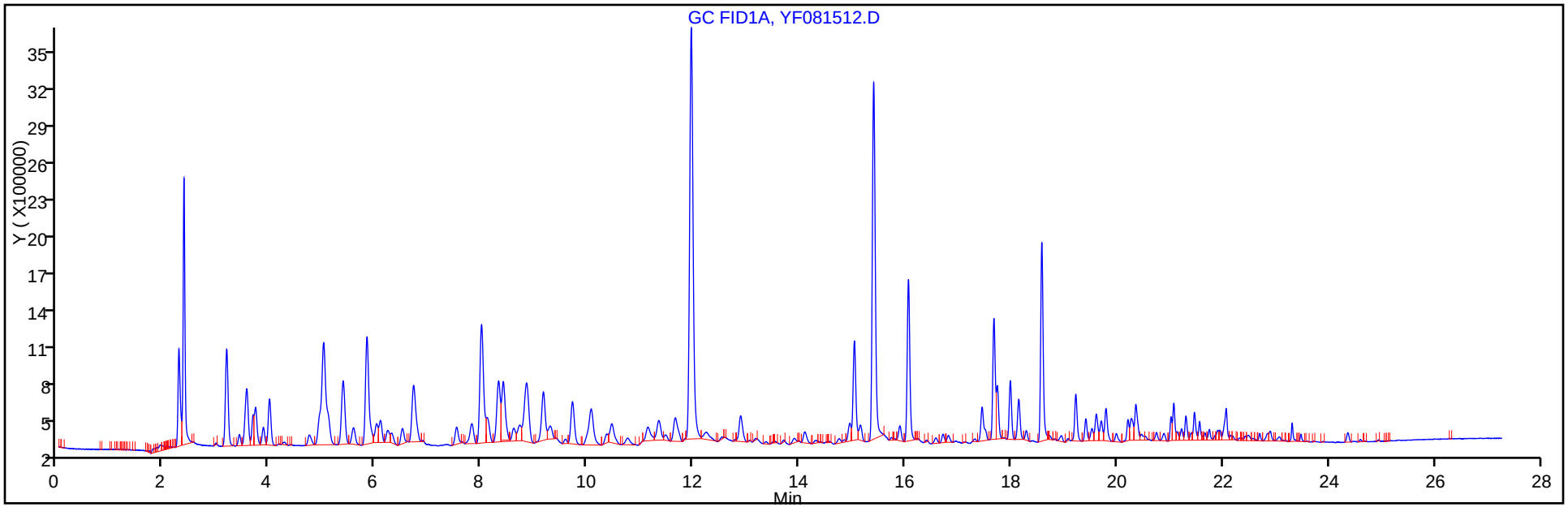
Lims Batch ID: 54511 Lims Sample ID: 12

Operator ID: 1765

Y Scaling:



Y Scaling:



FORM VII
GASOLINE RANGE ORGANICS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: CCV 240-65273/6 Calibration Date: 11/16/2012 10:18

Instrument ID: YPID Calib Start Date: 08/15/2012 18:36

GC Column: RTX-VRX ID: 0.45(mm) Calib End Date: 08/15/2012 22:00

Lab File ID: YF111606.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
C6-C12	Lin		159821		888	800	11.1	15.0
Trifluorotoluene (Surr)	Ave	153716	137194		8.93	10.0	-10.7	15.0

FORM VII

GASOLINE RANGE ORGANICS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: CCV 240-65273/6 Calibration Date: 11/16/2012 10:18

Instrument ID: YPID Calib Start Date: 08/15/2012 18:36

GC Column: RTX-VRX ID: 0.45(mm) Calib End Date: 08/15/2012 22:00

Lab File ID: YF111606.D Heated Purge: (Y/N) N

Analyte	RT	RT WINDOW	
		FROM	TO
C6-C12	13.44	4.98	21.90
Trifluorotoluene (Surr)	9.75	9.50	10.00

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\YPID\20121116-15004.b\YF111606.D		
Lims ID:	CCV GAS	Client ID:	
Inject. Date:	16-Nov-2012 10:18:58	Dil. Factor:	1.0000
Sample Type:	CCVRT		
Sample ID:	240-0015004-006		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	65273	Lims Sample ID:	6
Sublist:	chrom-Y80158021*sub7		
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20121116-15004.b\Y80158021.m		
Last Update:	17-Nov-2012 13:23:32	Calib Date:	27-Aug-2012 15:06:37
Quant Method:	Internal/External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\YPID\20120827-12713.b\YF082710.D		
Limit Group:	GCV 8015B GRO ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK013		
First Level Reviewer: bosworthh		Date:	16-Nov-2012 11:17:44

Compound	Det	RT	ADJ RT	DLT RT	Response	On-Col Amt ug/l	Flags
* 15 Fluorobenzene	1	0.000	8.418	-8.418	0	0	
$ 16 Trifluorotoluene (Surr)	2	9.753	9.753	0.0	1371943	8.93	
A 5 C6-C10	2	11.825	4.880 -	18.776	115059355	845.9	
A 1 C6-C12	2	13.441	4.980 -	21.902	127856819	888.5	

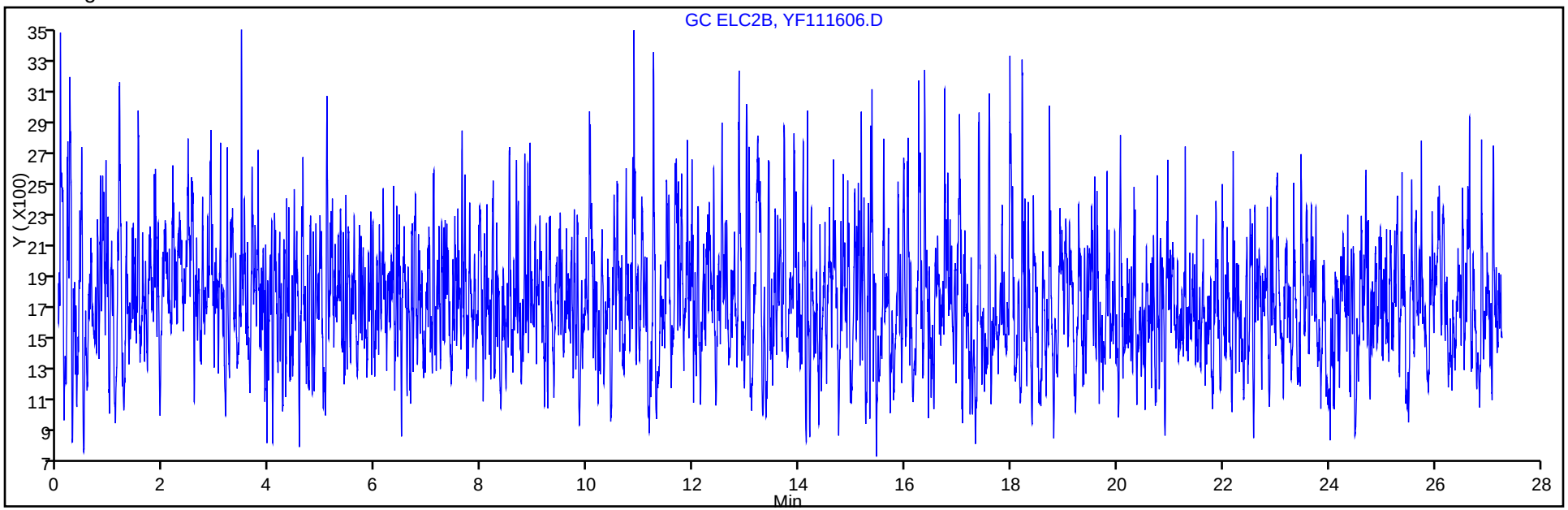
Report Date: 17-Nov-2012 13:23:32 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

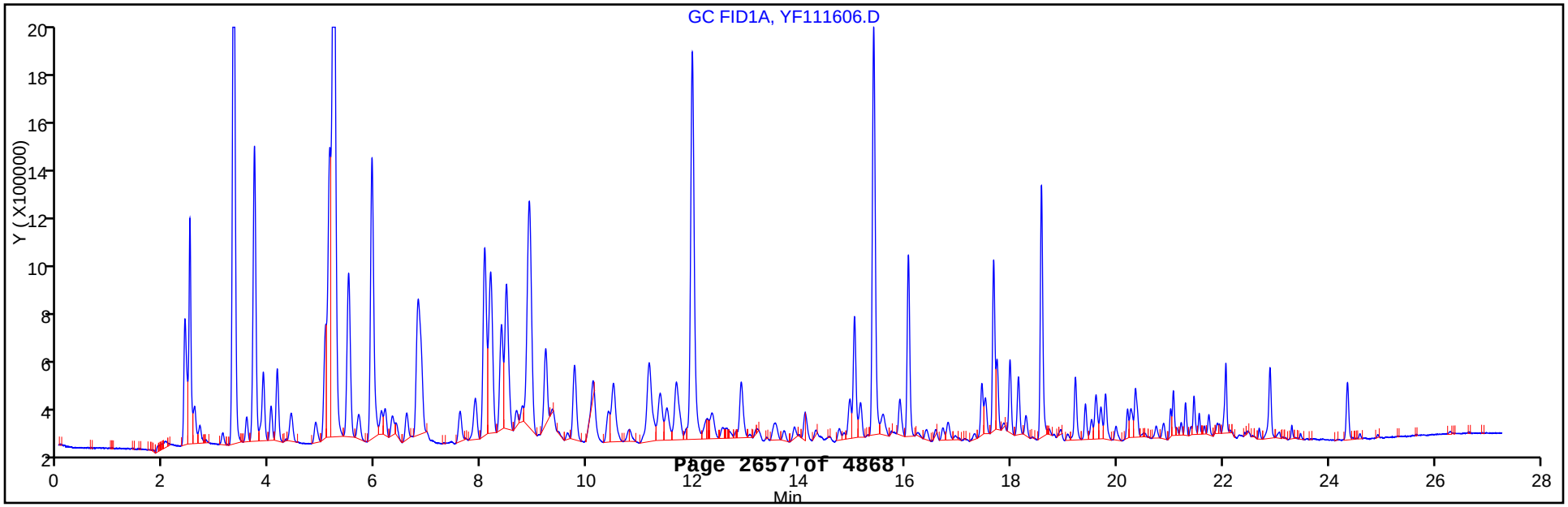
Data File: \\Ncchrom\ChromData\YPID\20121116-15004.b\YF111606.D

Injection Date:	16-Nov-2012 10:18:58	Limit Group:	GCV 8015B GRO ICAL
Client ID:		Instrument ID:	YPID
Lims Batch ID:	65273	Lims Sample ID:	6
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM VII
GASOLINE RANGE ORGANICS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: CCV 240-65273/9 Calibration Date: 11/16/2012 12:15

Instrument ID: YPID Calib Start Date: 08/15/2012 18:36

GC Column: RTX-VRX ID: 0.45(mm) Calib End Date: 08/15/2012 22:00

Lab File ID: YF111609.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
C6-C12	Lin		164099		914	800	14.2	15.0
Trifluorotoluene (Surr)	Ave	153716	133977		8.72	10.0	-12.8	15.0

FORM VII
GASOLINE RANGE ORGANICS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: CCV 240-65273/9 Calibration Date: 11/16/2012 12:15

Instrument ID: YPID Calib Start Date: 08/15/2012 18:36

GC Column: RTX-VRX ID: 0.45(mm) Calib End Date: 08/15/2012 22:00

Lab File ID: YF111609.D Heated Purge: (Y/N) N

Analyte	RT	RT WINDOW	
		FROM	TO
C6-C12	13.44	4.98	21.90
Trifluorotoluene (Surr)	9.75	9.50	10.00

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\YPID\20121116-15004.b\YF111609.D		
Lims ID:	CCV GAS	Client ID:	
Inject. Date:	16-Nov-2012 12:15:17	Dil. Factor:	1.0000
Sample Type:	CCV		
Sample ID:	240-0015004-009		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	65273	Lims Sample ID:	9
Sublist:	chrom-Y80158021*sub7		
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20121116-15004.b\Y80158021.m		
Last Update:	17-Nov-2012 13:23:35	Calib Date:	27-Aug-2012 15:06:37
Quant Method:	Internal/External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\YPID\20120827-12713.b\YF082710.D		
Limit Group:	GCV 8015B GRO ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK013		
First Level Reviewer: bosworthh		Date:	16-Nov-2012 13:27:18

Compound	Det	RT	ADJ RT	DLT RT	Response	On-Col Amt ug/l	Flags
* 15 Fluorobenzene	1	0.000	8.418	-8.418	0	0	
$ 16 Trifluorotoluene (Surr)	2	9.752	9.752	0.0	1339767	8.72	
A 5 C6-C10	2	11.825	4.880 -	18.776	116787831	858.6	
A 1 C6-C12	2	13.441	4.980 -	21.902	131278994	913.6	

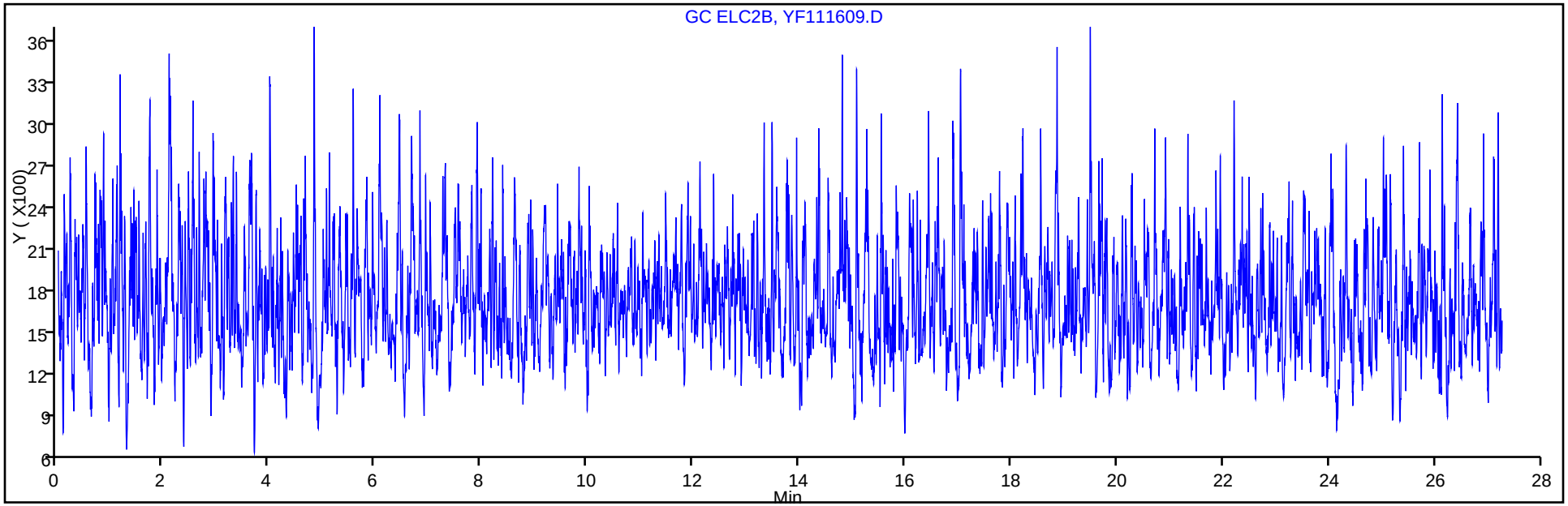
Report Date: 17-Nov-2012 13:23:36 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

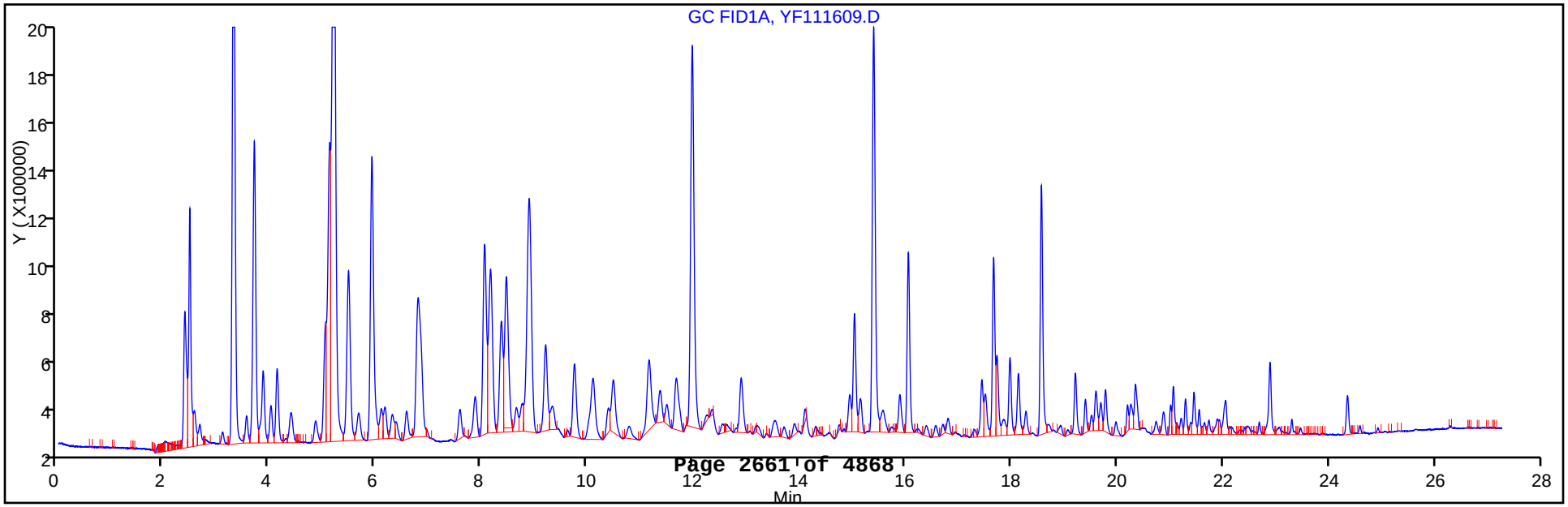
Data File: \\Ncchrom\ChromData\YPID\20121116-15004.b\YF111609.D

Injection Date:	16-Nov-2012 12:15:17	Limit Group:	GCV 8015B GRO ICAL
Client ID:		Instrument ID:	YPID
Lims Batch ID:	65273	Lims Sample ID:	9
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM VII
GASOLINE RANGE ORGANICS CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: CCV 240-65273/20 Calibration Date: 11/16/2012 19:34

Instrument ID: YPID Calib Start Date: 08/15/2012 18:36

GC Column: RTX-VRX ID: 0.45(mm) Calib End Date: 08/15/2012 22:00

Lab File ID: YF111620.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
C6-C12	Lin		149016		825	800	3.1	15.0
Trifluorotoluene (Surr)	Ave	153716	135898		8.84	10.0	-11.6	15.0

FORM VII
GASOLINE RANGE ORGANICS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: CCV 240-65273/20 Calibration Date: 11/16/2012 19:34

Instrument ID: YPID Calib Start Date: 08/15/2012 18:36

GC Column: RTX-VRX ID: 0.45(mm) Calib End Date: 08/15/2012 22:00

Lab File ID: YF111620.D Heated Purge: (Y/N) N

Analyte	RT	RT WINDOW	
		FROM	TO
C6-C12	13.44	4.98	21.90
Trifluorotoluene (Surr)	9.76	9.51	10.01

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\YPID\20121116-15004.b\YF111620.D		
Lims ID:	CCV GAS	Client ID:	
Inject. Date:	16-Nov-2012 19:34:59	Dil. Factor:	1.0000
Sample Type:	CCV		
Sample ID:	240-0015004-020		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	65273	Lims Sample ID:	20
Sublist:	chrom-Y80158021*sub7		
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20121116-15004.b\Y80158021.m		
Last Update:	17-Nov-2012 13:23:47	Calib Date:	27-Aug-2012 15:06:37
Quant Method:	Internal/External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\YPID\20120827-12713.b\YF082710.D		
Limit Group:	GCV 8015B GRO ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK013		
First Level Reviewer: bosworthh		Date:	17-Nov-2012 13:22:26

Compound	Det	RT	ADJ RT	DLT RT	Response	On-Col Amt ug/l	Flags
* 15 Fluorobenzene	1	0.000	8.418	-8.418	0	0	
$ 16 Trifluorotoluene (Surr)	2	9.755	9.755	0.0	1358976	8.84	
A 5 C6-C10	2	11.825	4.880 -	18.776	107724667	792.0	
A 1 C6-C12	2	13.441	4.980 -	21.902	119212873	825.1	

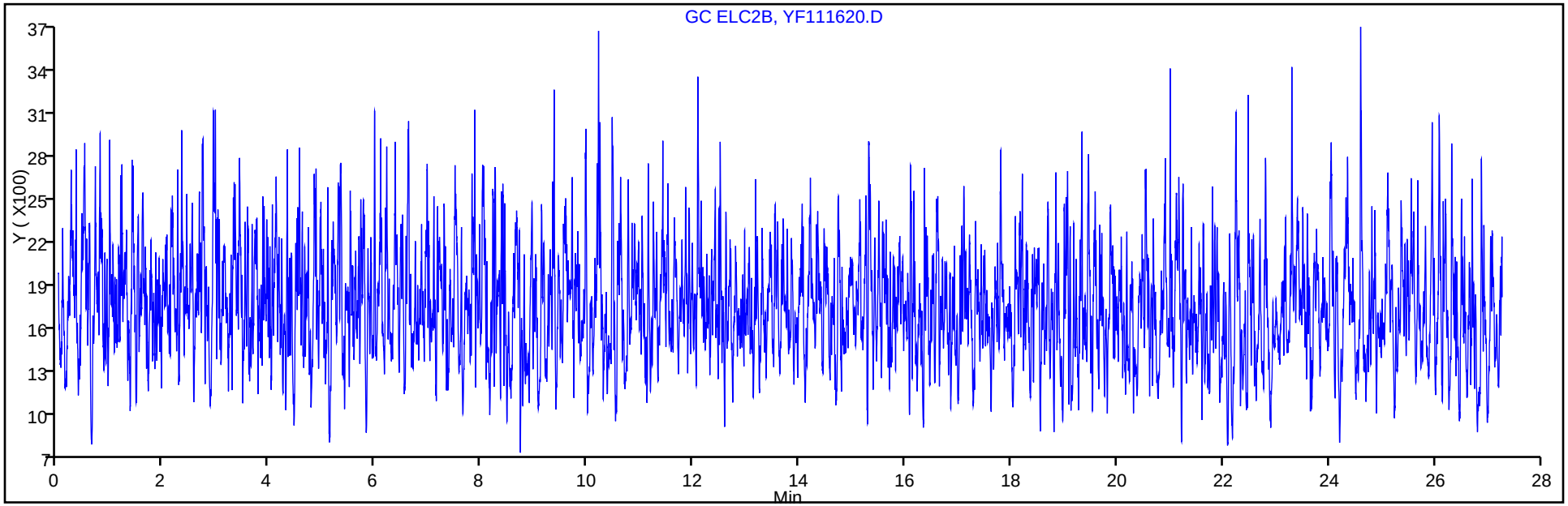
Report Date: 17-Nov-2012 13:23:48 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

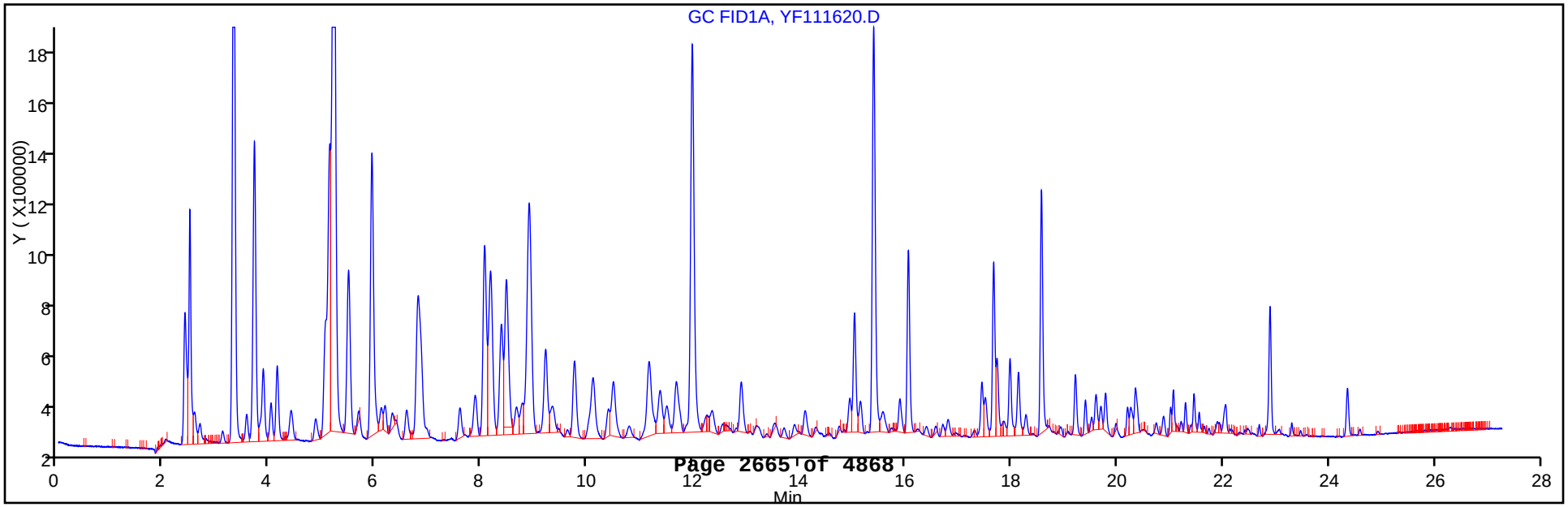
Data File: \\Ncchrom\ChromData\YPID\20121116-15004.b\YF111620.D

Injection Date:	16-Nov-2012 19:34:59	Limit Group:	GCV 8015B GRO ICAL
Client ID:		Instrument ID:	YPID
Lims Batch ID:	65273	Lims Sample ID:	20
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
GASOLINE RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 240-65195/7

Matrix: Water Lab File ID: O1111507.D

Analysis Method: 8015B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 11/15/2012 16:07

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 65195 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00061	C6-C12	52.5	J	100	50	25

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	87		10-150

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\O\20121115-14991.b\O1111507.D		
Lims ID:	MB	Client ID:	
Inject. Date:	15-Nov-2012 16:07:50	Dil. Factor:	1.0000
Sample Type:	MB		
Sample ID:	240-0014991-007		
Misc. Info.:			
Operator:	1765	Instrument ID:	O
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	65195	Lims Sample ID:	7
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\O\20121115-14991.b\O80158021.m		
Last Update:	16-Nov-2012 13:45:05	Calib Date:	11-Oct-2012 15:06:17
Quant Method:	Internal/External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\O\20121011-13978.b\O1101109.D		
Limit Group:	GCV 8015B GRO ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK002		

Compound	Det	RT	ADJ RT	DLT RT	Response	On-Col Amt ug/l	Flags
* 15 Fluorobenzene	1	3.561	3.520	0.041	4047	0	
6 2-Methylpentane							
$ 16 Trifluorotoluene (Surr)	2	9.046	9.054	-0.008	1891335	8.65	
A 5 C6-C10	2	11.357	4.375 -	18.340	7849700	38.1	
13 Ethylbenzene	1	12.553	12.291	0.262	3458	0	
A 1 C6-C12	2	12.995	4.375 -	21.615	11903611	52.5	
10 1,3,5-Trimethylbenzene	1	13.465	13.359	0.106	5942	0	
A 11 GRO	2	13.775	5.629 -	21.920	15630172	0	
7 1,2,4-Trimethylbenzene	2	18.023	18.103	-0.080	7145	0	
14 Dodecane							
9 Naphthalene							

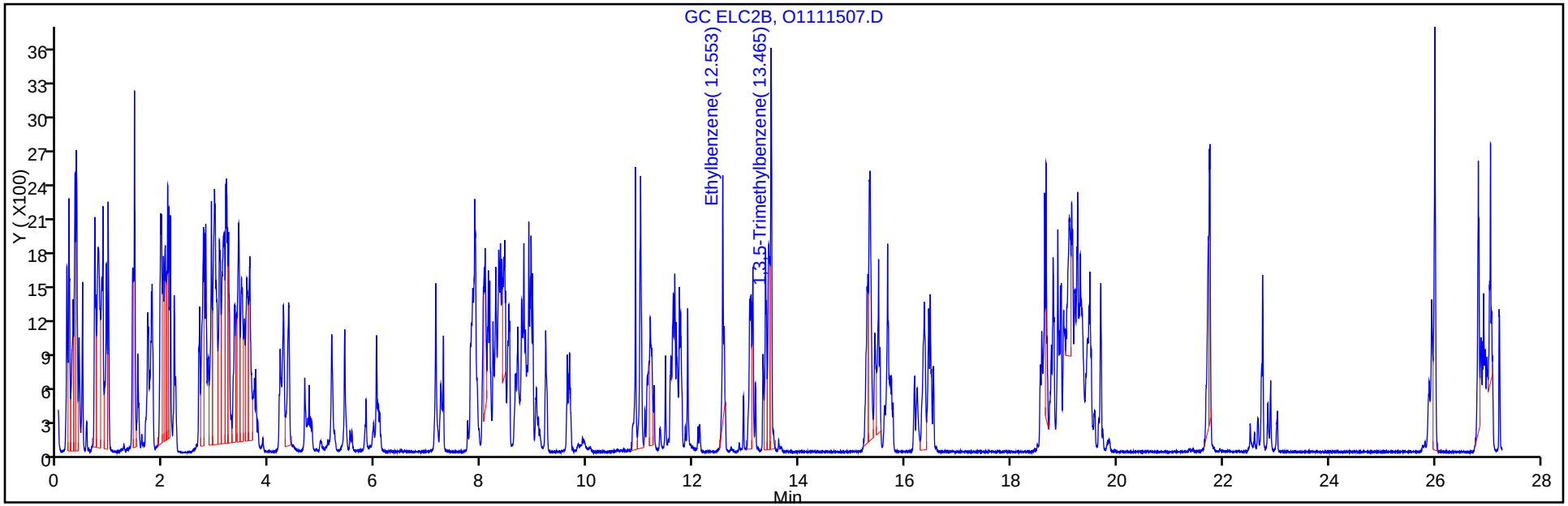
Report Date: 16-Nov-2012 13:45:10 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

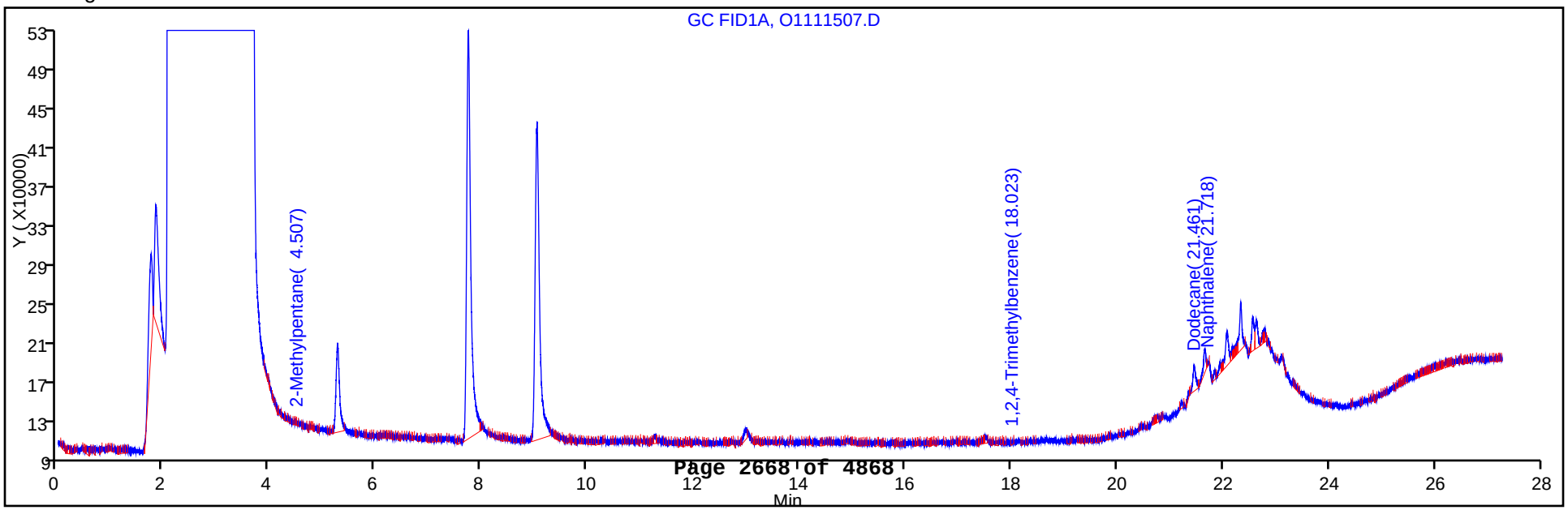
Data File: \\Ncchrom\ChromData\O\20121115-14991.b\O1111507.D

Injection Date:	15-Nov-2012 16:07:50	Limit Group:	GCV 8015B GRO ICAL
Client ID:		Instrument ID:	O
Lims Batch ID:	65195	Lims Sample ID:	7
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



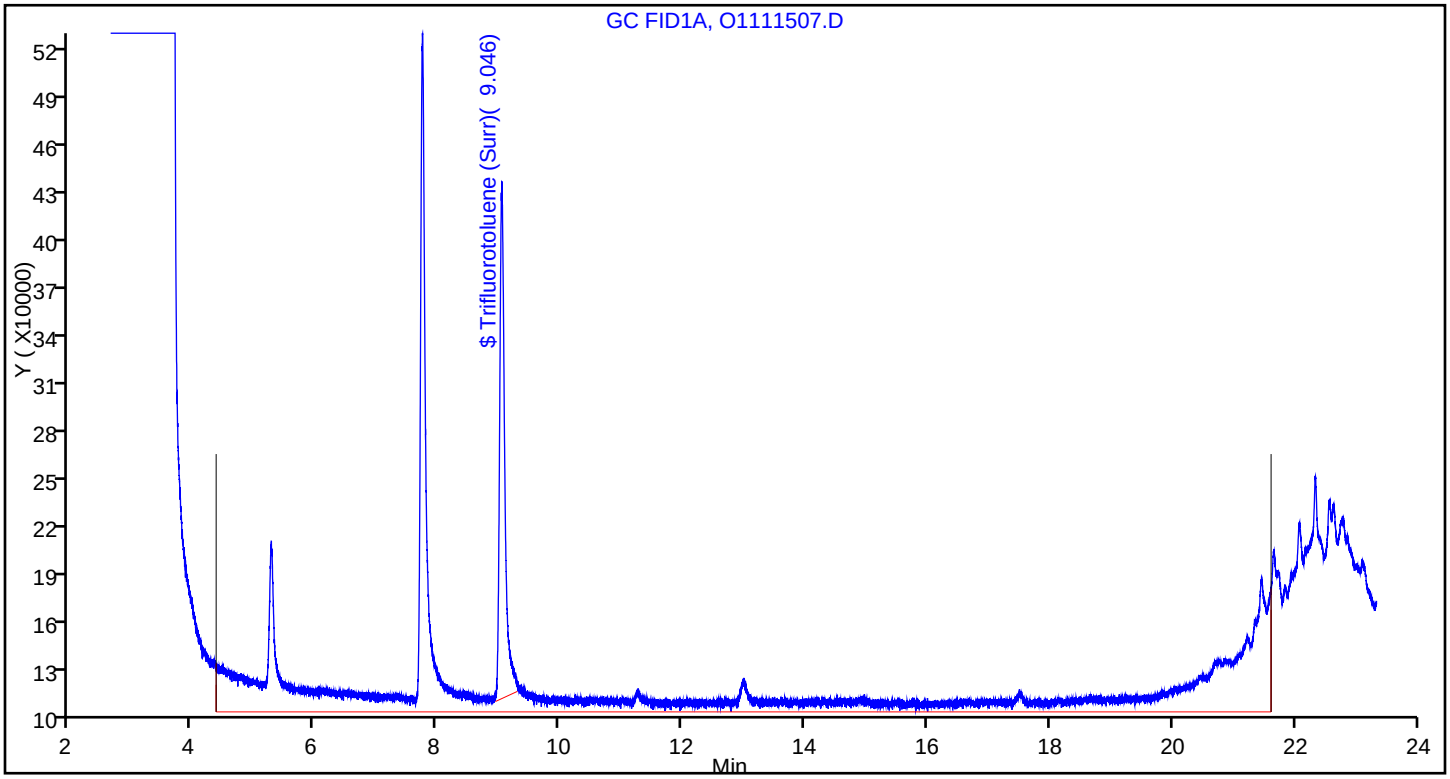
Report Date: 16-Nov-2012 13:45:10 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File: \\Ncchrom\ChromData\O\20121115-14991.b\O1111507.D

Injection Date:	15-Nov-2012 16:07:50	Limit Group:	GCV 8015B GRO ICAL
Client ID:		Instrument ID:	O
Lims Batch ID:	65195	Lims Sample ID:	7
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

A 1 C6-C12, Detector: 2, GC FID1A



FORM I
GASOLINE RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Client Sample ID: Lab Sample ID: MB 240-65273/11

Matrix: Solid Lab File ID: YF111611.D

Analysis Method: 8015B Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 11/16/2012 13:32

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 65273 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00061	C6-C12	50	U	100	50	46

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	73		10-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\YPID\20121116-15004.b\YF111611.D
Lims ID: MB Client ID:
Inject. Date: 16-Nov-2012 13:32:23 Dil. Factor: 1.0000
Sample Type: MB
Sample ID: 240-0015004-011
Misc. Info.:
Operator: 1765 Instrument ID: YPID
Purge Vol: 5.000 mL ALS Bottle#: 1
Lims Batch ID: 65273 Lims Sample ID: 11
Detector 1 : GC ELC2B
Detector 2 : GC FID1A

Method: \\Ncchrom\ChromData\YPID\20121116-15004.b\Y80158021.m
Last Update: 17-Nov-2012 13:23:35 Calib Date: 27-Aug-2012 15:06:37
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\YPID\20120827-12713.b\YF082710.D
Limit Group: GCV 8015B GRO ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK013

Compound	Det	RT	ADJ RT	DLT RT	Response	On-Col Amt ug/l	Flags
S 17 Xylenes, Total	1		0.000				7
6 2-Methylpentane	2		5.120				1
12 Methyl tert-butyl ether	2		5.200				1
3 Benzene	1		7.999				1
* 15 Fluorobenzene	1	0.000	8.418	-8.418	0	0	
$ 16 Trifluorotoluene (Surr)	2	9.749	9.752	-0.003	1126635	7.33	
$ 18 a,a,a-Trifluorotoluene (pid)	1		9.772				1
A 5 C6-C10	2	11.825	4.880 -	18.776	6834393	50.2	
8 Toluene	1		11.964				1
A 1 C6-C12	2		4.980 -	21.902			
A 11 GRO	2	13.635	4.988 -	22.282	13271273	0	
13 Ethylbenzene	1		15.042				1
2 m-Xylene & p-Xylene	1		15.410				1
4 o-Xylene	1		16.061				1
10 1,3,5-Trimethylbenzene	1		17.985				1
7 1,2,4-Trimethylbenzene	1	0.000	18.579	-18.579	0	0	
14 Dodecane	2	21.739	21.739	0.0	56290	0	
9 Naphthalene	2	22.064	22.059	0.005	33714	0	

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection

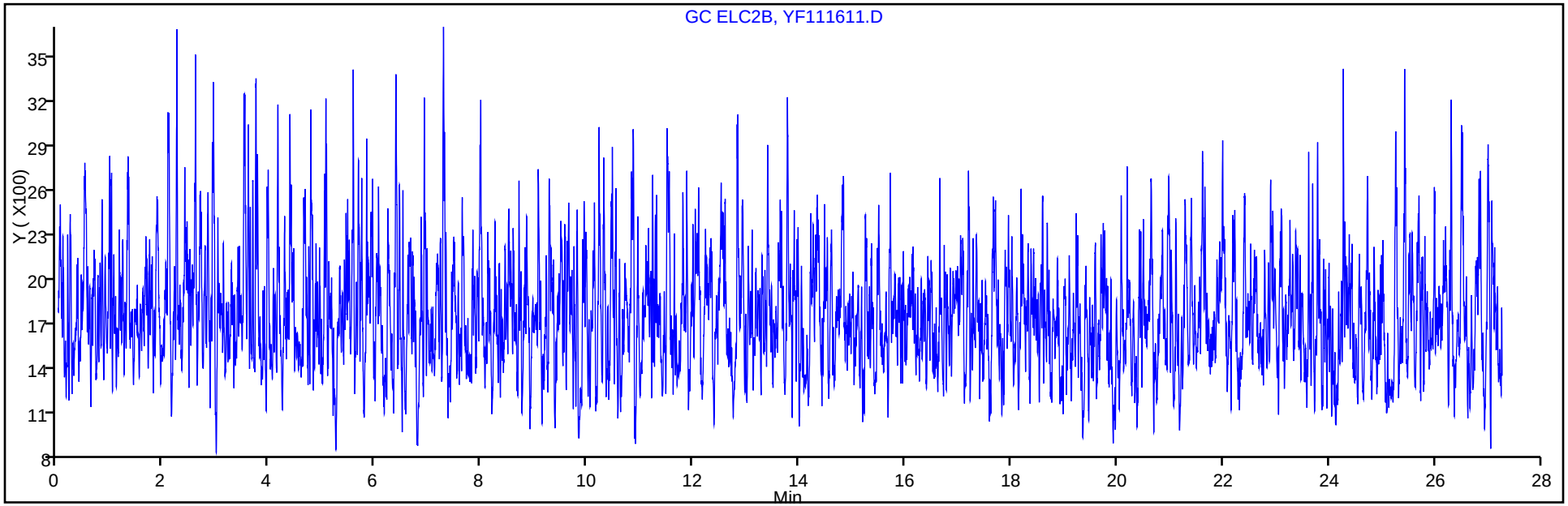
Report Date: 17-Nov-2012 13:23:38 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

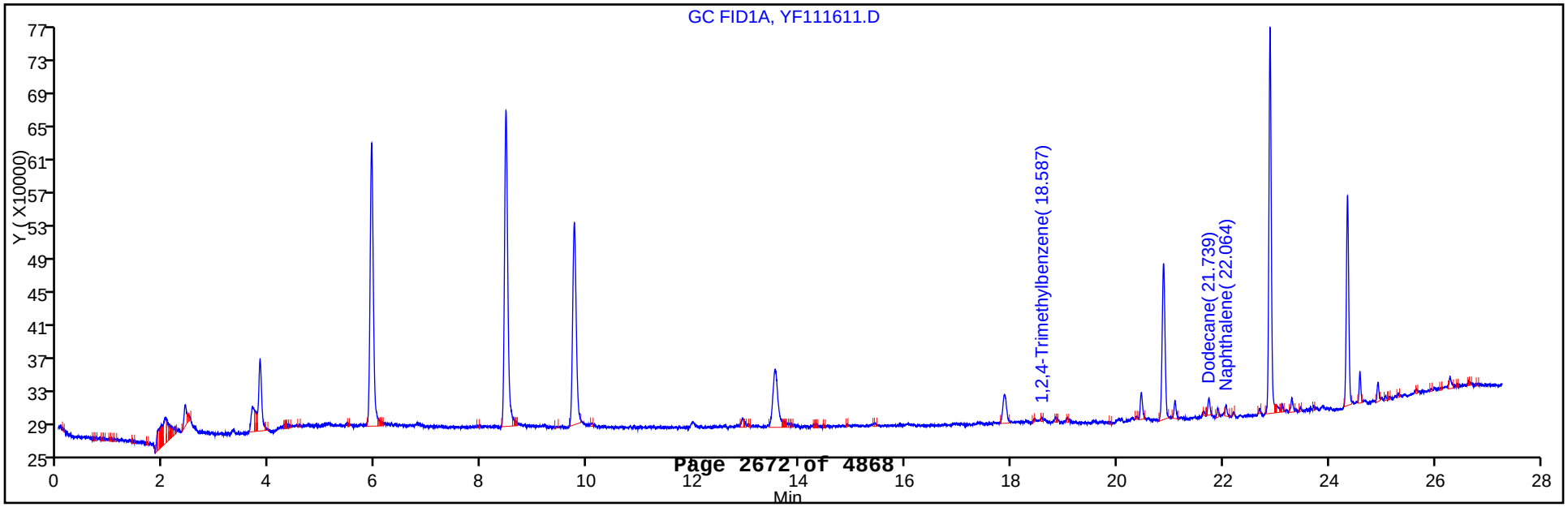
Data File: \\Ncchrom\ChromData\YPID\20121116-15004.b\YF111611.D

Injection Date:	16-Nov-2012 13:32:23	Limit Group:	GCV 8015B GRO ICAL
Client ID:		Instrument ID:	YPID
Lims Batch ID:	65273	Lims Sample ID:	11
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
GASOLINE RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 240-65195/8

Matrix: Water | Lab File ID: O1111508.D

Analysis Method: 8015B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 11/15/2012 16:42

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 65195 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00061	C6-C12	792		100	50	25

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	90		10-150

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\O\20121115-14991.b\O1111508.D		
Lims ID:	LCS	Client ID:	
Inject. Date:	15-Nov-2012 16:42:24	Dil. Factor:	1.0000
Sample Type:	LCS		
Sample ID:	240-0014991-008		
Misc. Info.:			
Operator:	1765	Instrument ID:	O
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	65195	Lims Sample ID:	8
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\O\20121115-14991.b\O80158021.m		
Last Update:	16-Nov-2012 13:45:05	Calib Date:	11-Oct-2012 15:06:17
Quant Method:	Internal/External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\O\20121011-13978.b\O1101109.D		
Limit Group:	GCV 8015B GRO ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK002		

Compound	Det	RT	ADJ RT	DLT RT	Response	On-Col Amt ug/l	Flags
* 15 Fluorobenzene	1	3.942	3.520	0.422	3063	0	
$ 16 Trifluorotoluene (Surr)	2	9.050	9.054	-0.004	1961354	8.97	
A 5 C6-C10	2	11.357	4.375 -	18.340	160316206	777.3	
A 1 C6-C12	2	12.995	4.375 -	21.615	179503948	791.7	

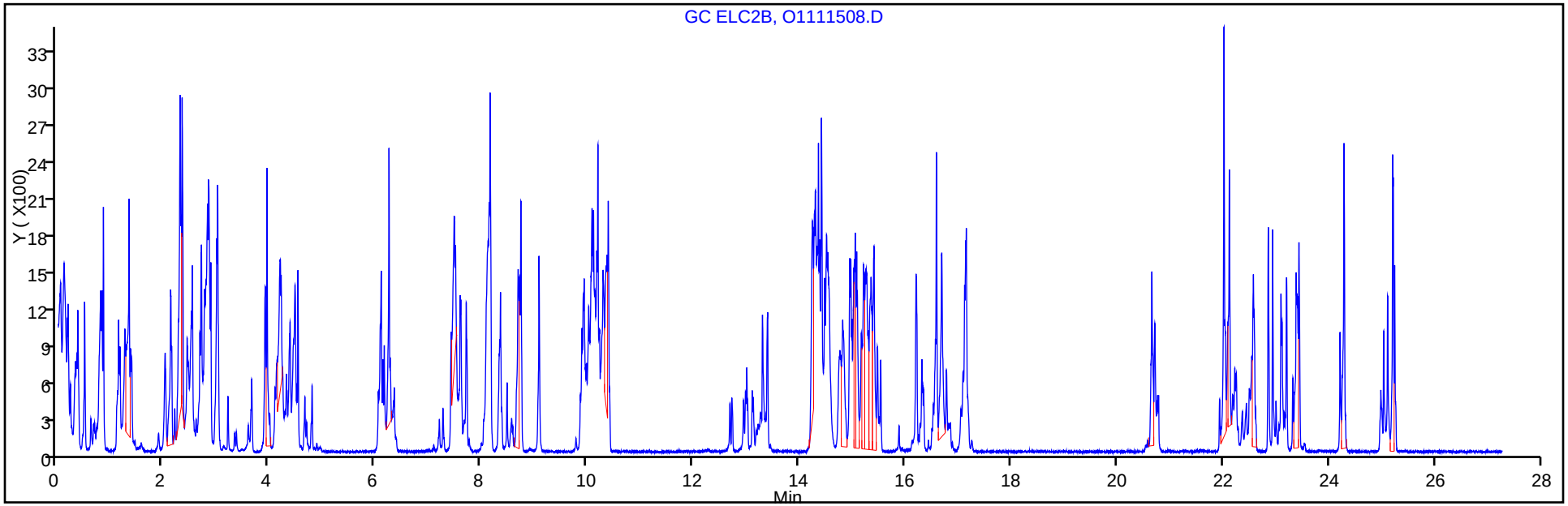
Report Date: 16-Nov-2012 13:45:13 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

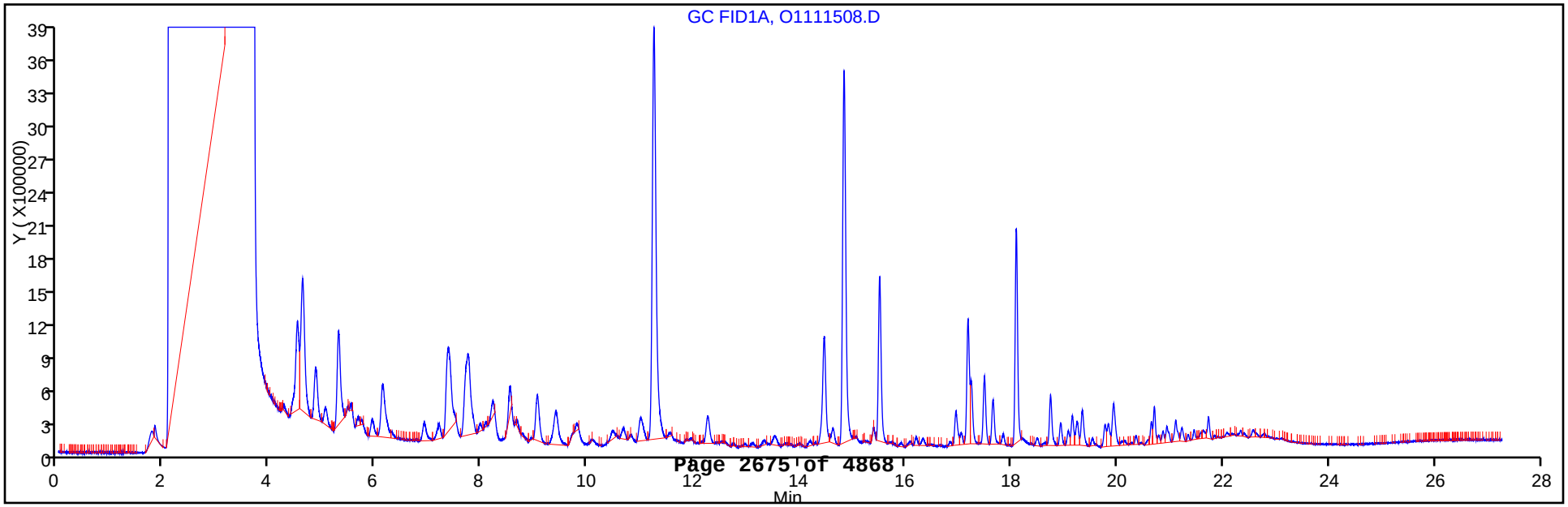
Data File: \\Ncchrom\ChromData\O\20121115-14991.b\O1111508.D

Injection Date:	15-Nov-2012 16:42:24	Limit Group:	GCV 8015B GRO ICAL
Client ID:		Instrument ID:	O
Lims Batch ID:	65195	Lims Sample ID:	8
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
GASOLINE RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 240-65273/12

Matrix: Solid Lab File ID: YF111612.D

Analysis Method: 8015B Date Collected:

Sample wt/vol: 5(g) Date Analyzed: 11/16/2012 14:11

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 65273 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00061	C6-C12	1000		100	50	46

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	87		10-150

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\YPID\20121116-15004.b\YF111612.D		
Lims ID:	LCS	Client ID:	
Inject. Date:	16-Nov-2012 14:11:06	Dil. Factor:	1.0000
Sample Type:	LCS		
Sample ID:	240-0015004-012		
Misc. Info.:			
Operator:	1765	Instrument ID:	YPID
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	65273	Lims Sample ID:	12
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\YPID\20121116-15004.b\Y80158021.m		
Last Update:	17-Nov-2012 13:23:35	Calib Date:	27-Aug-2012 15:06:37
Quant Method:	Internal/External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\YPID\20120827-12713.b\YF082710.D		
Limit Group:	GCV 8015B GRO ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK013		
First Level Reviewer: bosworthh		Date:	16-Nov-2012 14:45:48

Compound	Det	RT	ADJ RT	DLT RT	Response	On-Col Amt ug/l	Flags
* 15 Fluorobenzene	1	0.000	8.418	-8.418	0	0	
$ 16 Trifluorotoluene (Surr)	2	9.750	9.752	-0.002	1331555	8.66	
A 5 C6-C10	2	11.825	4.880 -	18.776	124541188	915.6	
A 1 C6-C12	2	13.441	4.980 -	21.902	143128731	1000.5	

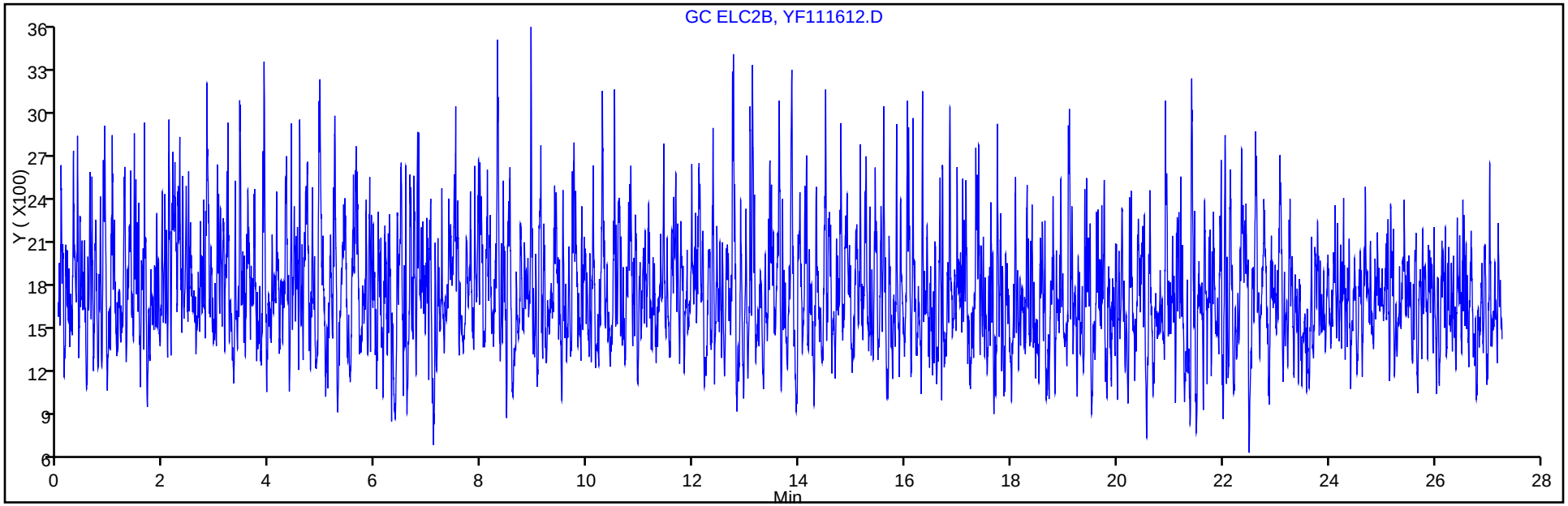
Report Date: 17-Nov-2012 13:23:39 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

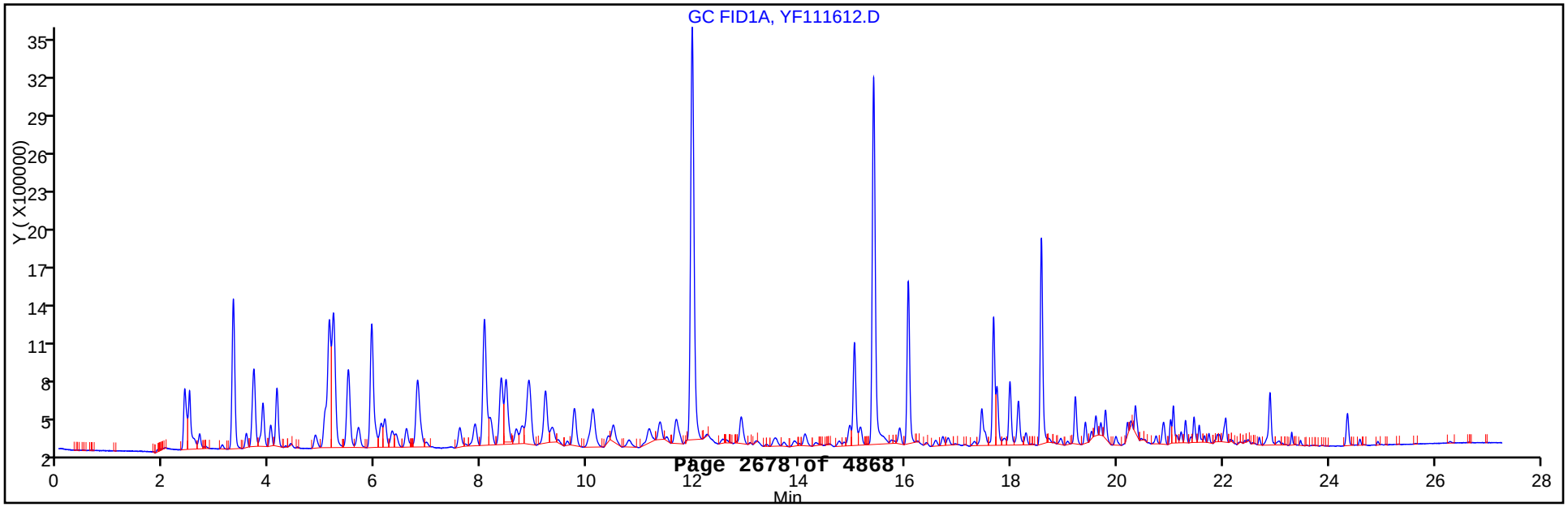
Data File: \\Ncchrom\ChromData\YPID\20121116-15004.b\YF111612.D

Injection Date:	16-Nov-2012 14:11:06	Limit Group:	GCV 8015B GRO ICAL
Client ID:		Instrument ID:	YPID
Lims Batch ID:	65273	Lims Sample ID:	12
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
GASOLINE RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Client Sample ID: Lab Sample ID: MRL 240-65195/5

Matrix: Water Lab File ID: O1111505.D

Analysis Method: 8015B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 11/15/2012 14:59

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 65195 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00061	C6-C12	143	^	100	50	25

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	85		70-130

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\O\20121115-14991.b\O1111505.D		
Lims ID:	MRL	Client ID:	
Inject. Date:	15-Nov-2012 14:59:22	Dil. Factor:	1.0000
Sample Type:	MRL		
Sample ID:	240-0014991-005		
Misc. Info.:			
Operator:	1765	Instrument ID:	O
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	65195	Lims Sample ID:	5
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\O\20121115-14991.b\O80158021.m		
Last Update:	16-Nov-2012 13:45:05	Calib Date:	11-Oct-2012 15:06:17
Quant Method:	Internal/External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\O\20121011-13978.b\O1101109.D		
Limit Group:	GCV 8015B GRO ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK002		

Compound	Det	RT	ADJ RT	DLT RT	Response	On-Col Amt ug/l	Flags
* 15 Fluorobenzene	1	3.019	3.520	-0.501	4519	0	
6 2-Methylpentane							
12 Methyl tert-butyl ether	1	4.740	5.652	-0.912	3988	0	
3 Benzene	1	7.300	8.674	-1.374	4165	0	
$ 18 a,a,a-Trifluorotoluene (pid)	1	7.558	8.844	-1.286	4408	0	
$ 16 Trifluorotoluene (Surr)	2	9.038	9.054	-0.016	1861136	8.51	
4 o-Xylene	1	9.027	10.450	-1.423	3514	0	
A 5 C6-C10	2	11.357	4.375 - 18.340		26993477	130.9	
13 Ethylbenzene	1	10.529	12.291	-1.762	4847	0	
A 1 C6-C12	2	12.995	4.375 - 21.615		32511100	143.4	
10 1,3,5-Trimethylbenzene	1	11.242	13.359	-2.117	3066	0	
A 11 GRO	2	13.775	5.629 - 21.920		29960261	0	
7 1,2,4-Trimethylbenzene	2	18.104	18.103	0.001	456965	0	
14 Dodecane							
9 Naphthalene							

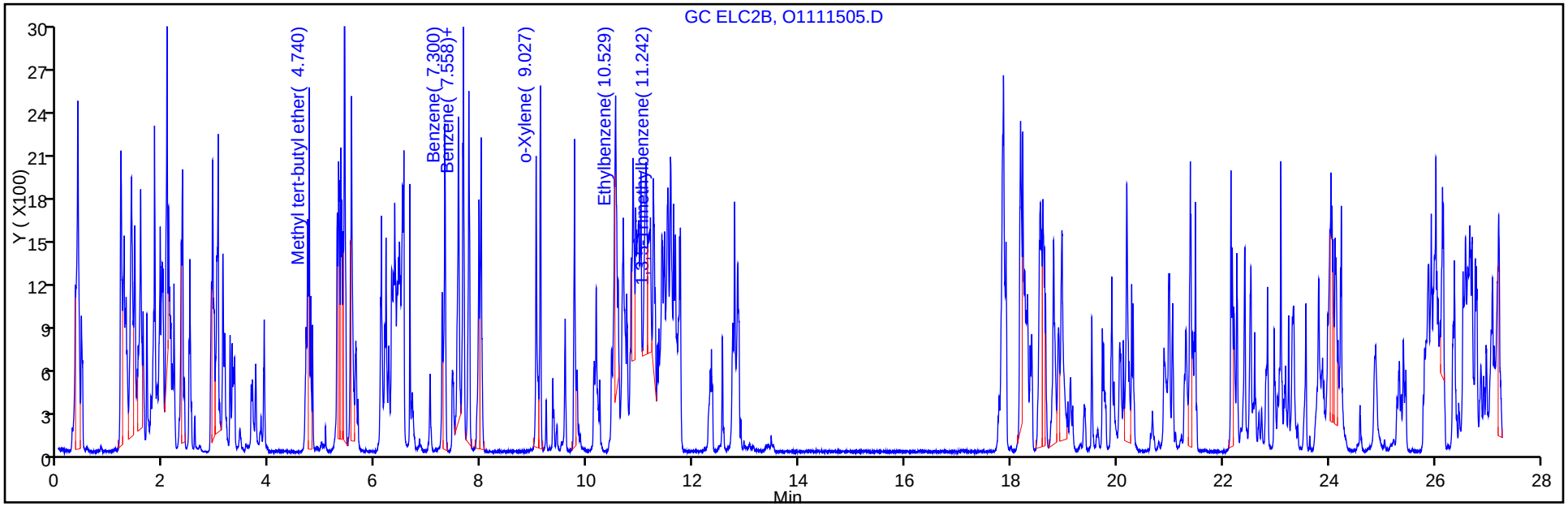
Report Date: 16-Nov-2012 13:45:08 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

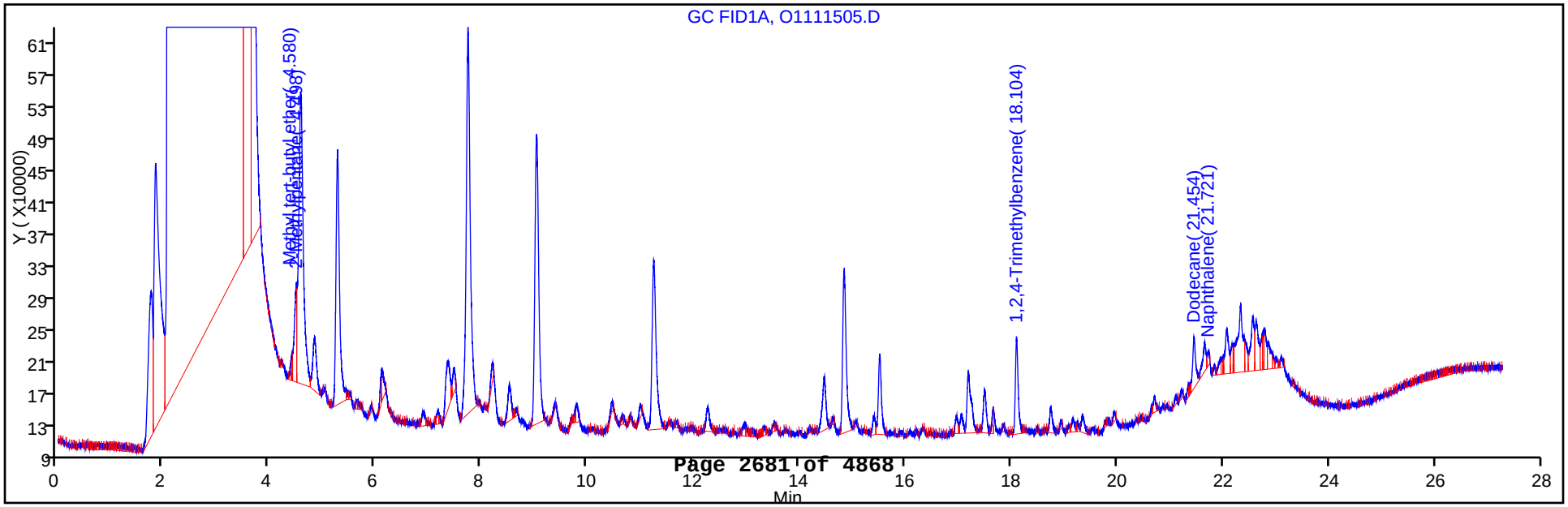
Data File: \\Ncchrom\ChromData\O\20121115-14991.b\O1111505.D

Injection Date:	15-Nov-2012 14:59:22	Limit Group:	GCV 8015B GRO ICAL
Client ID:		Instrument ID:	O
Lims Batch ID:	65195	Lims Sample ID:	5
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
GASOLINE RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Client Sample ID: Lab Sample ID: MRL 240-65195/26

Matrix: Water Lab File ID: O1111526.D

Analysis Method: 8015B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 11/16/2012 02:51

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 65195 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00061	C6-C12	131	^	100	50	25

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	89		70-130

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\O\20121115-14991.b\O1111526.D		
Lims ID:	MRL	Client ID:	
Inject. Date:	16-Nov-2012 02:51:21	Dil. Factor:	1.0000
Sample Type:	MRL		
Sample ID:	240-0014991-026		
Misc. Info.:			
Operator:	1765	Instrument ID:	O
Purge Vol:	5.000 mL	ALS Bottle#:	1
Lims Batch ID:	65195	Lims Sample ID:	26
Detector 1 :	GC ELC2B		
Detector 2 :	GC FID1A		
Method:	\\Ncchrom\ChromData\O\20121115-14991.b\O80158021.m		
Last Update:	16-Nov-2012 13:45:43	Calib Date:	11-Oct-2012 15:06:17
Quant Method:	Internal/External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\O\20121011-13978.b\O1101109.D		
Limit Group:	GCV 8015B GRO ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK002		

Compound	Det	RT	ADJ RT	DLT RT	Response	On-Col Amt ug/l	Flags
* 15 Fluorobenzene	1	2.894	2.991	-0.097	3401	0	
6 2-Methylpentane							
3 Benzene	1	8.236	8.674	-0.438	4160	0	
$ 18 a,a,a-Trifluorotoluene (pid)	1	8.633	8.844	-0.211	5069	0	
$ 16 Trifluorotoluene (Surr)	2	9.043	9.052	-0.009	1940811	8.88	
A 5 C6-C10	2	11.357	4.375 -	18.340	27021095	131.0	
A 1 C6-C12	2	12.995	4.375 -	21.615	29796871	131.4	
10 1,3,5-Trimethylbenzene	1	13.032	13.359	-0.327	4158	0	
A 11 GRO	2	13.775	5.629 -	21.920	26288406	0	
7 1,2,4-Trimethylbenzene	2	18.108	18.103	0.005	404122	0	
14 Dodecane							
9 Naphthalene							

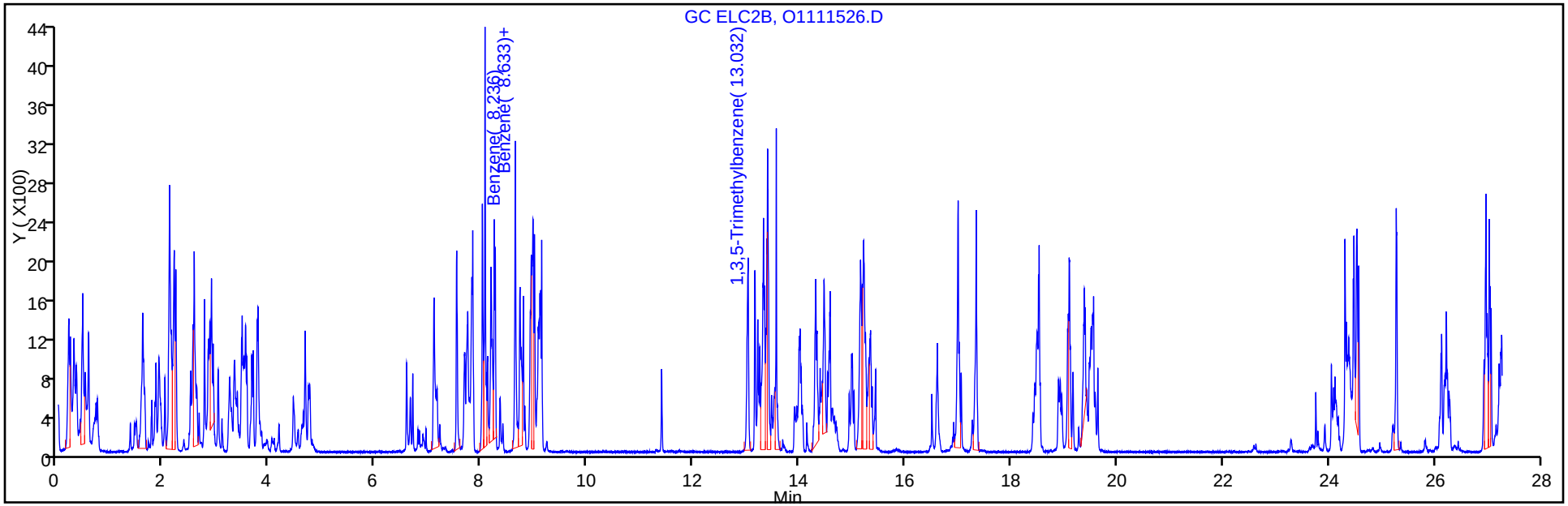
Report Date: 16-Nov-2012 13:45:49 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

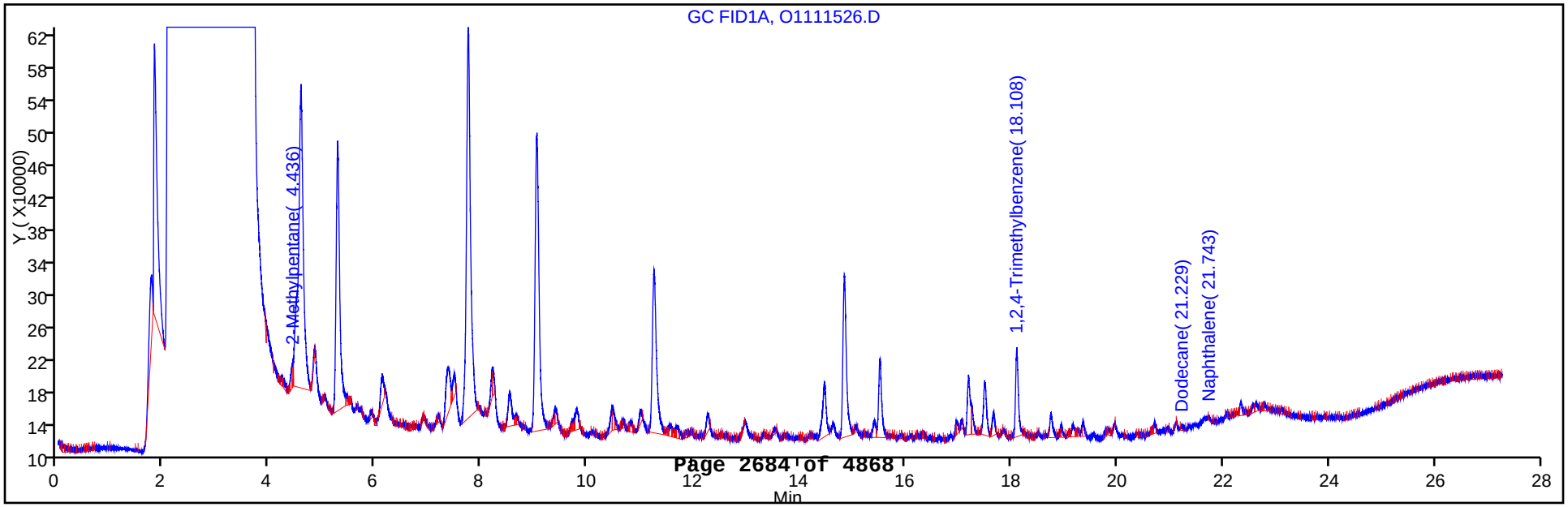
Data File: \\Ncchrom\ChromData\O\20121115-14991.b\O1111526.D

Injection Date:	16-Nov-2012 02:51:21	Limit Group:	GCV 8015B GRO ICAL
Client ID:		Instrument ID:	O
Lims Batch ID:	65195	Lims Sample ID:	26
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
GASOLINE RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Client Sample ID: Lab Sample ID: MRL 240-65273/10

Matrix: Solid Lab File ID: YF111610.D

Analysis Method: 8015B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 11/16/2012 12:53

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 65273 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00061	C6-C12	133	^	100	50	25

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	75		70-130

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\YPID\20121116-15004.b\YF111610.D
Lims ID: MRL Client ID:
Inject. Date: 16-Nov-2012 12:53:50 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0015004-010
Misc. Info.:
Operator: 1765 Instrument ID: YPID
Purge Vol: 5.000 mL ALS Bottle#: 1
Lims Batch ID: 65273 Lims Sample ID: 10
Detector 1 : GC ELC2B
Detector 2 : GC FID1A

Method: \\Ncchrom\ChromData\YPID\20121116-15004.b\Y80158021.m
Last Update: 17-Nov-2012 13:23:35 Calib Date: 27-Aug-2012 15:06:37
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\YPID\20120827-12713.b\YF082710.D
Limit Group: GCV 8015B GRO ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK013

Compound	Det	RT	ADJ RT	DLT RT	Response	On-Col Amt ug/l	Flags
S 17 Xylenes, Total	1		0.000				7
6 2-Methylpentane	2	5.120	5.120	0.0	550282	0	
12 Methyl tert-butyl ether	2	5.199	5.200	-0.001	1551968	0	
3 Benzene	1		7.999				1
* 15 Fluorobenzene	1	0.000	8.418	-8.418	0	0	
$ 16 Trifluorotoluene (Surr)	2	9.747	9.752	-0.005	1146124	7.46	
$ 18 a,a,a-Trifluorotoluene (pid)	1		9.772				1
A 5 C6-C10	2	11.825	4.880 -	18.776	20112751	147.9	
8 Toluene	1		11.964				1
A 1 C6-C12	2	13.441	4.980 -	21.902	24894220	133.4	
A 11 GRO	2	13.635	4.988 -	22.282	28579485	0	
13 Ethylbenzene	1		15.042				1
2 m-Xylene & p-Xylene	1		15.410				1
4 o-Xylene	1		16.061				1
10 1,3,5-Trimethylbenzene	1		17.985				1
7 1,2,4-Trimethylbenzene	1	0.000	18.579	-18.579	0	0	
14 Dodecane	2	21.733	21.739	-0.006	28424	0	
9 Naphthalene	2	22.057	22.059	-0.002	110601	0	

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection

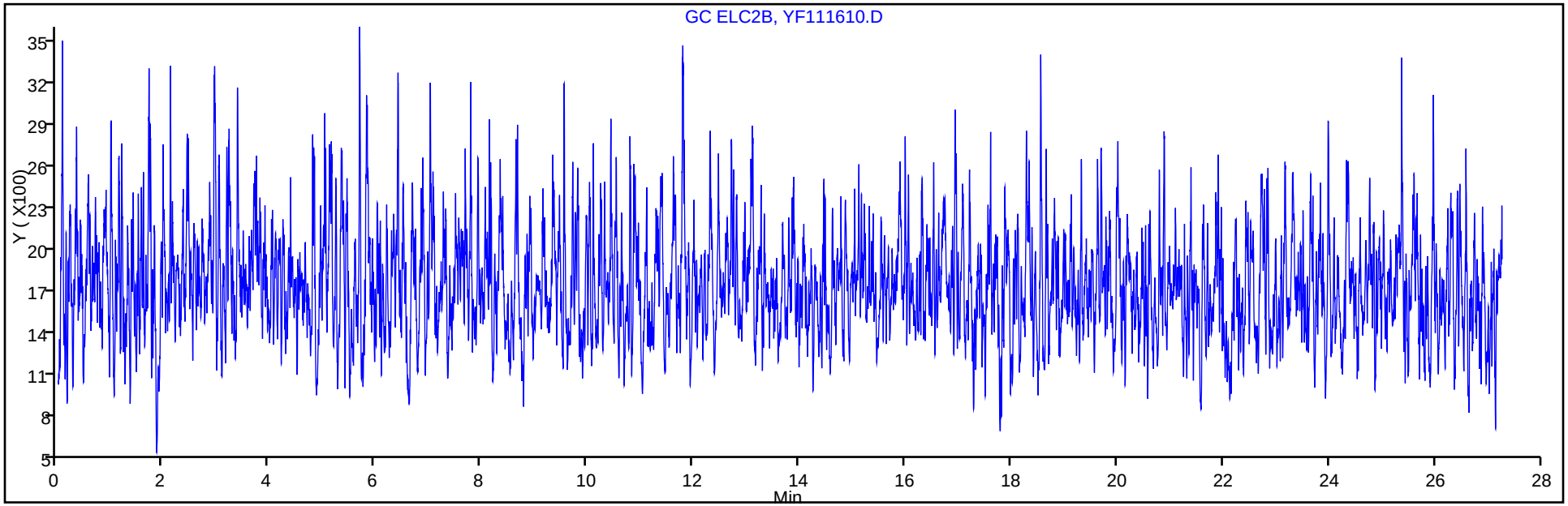
Report Date: 17-Nov-2012 13:23:37 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

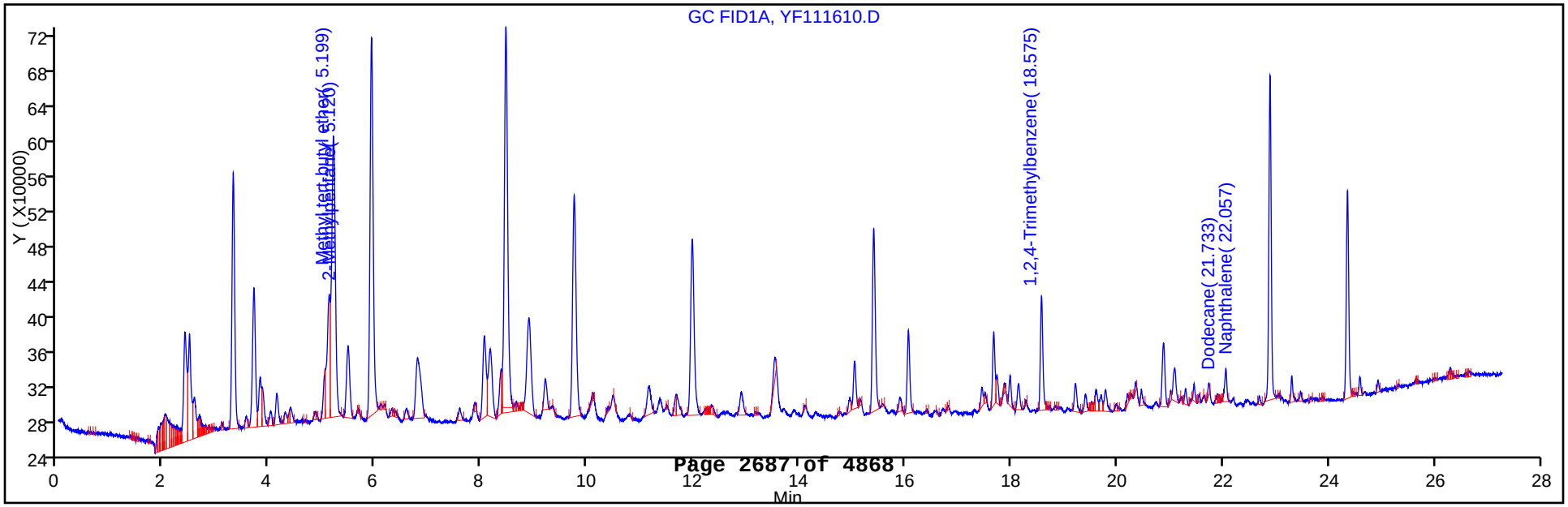
Data File: \\Ncchrom\ChromData\YPID\20121116-15004.b\YF111610.D

Injection Date:	16-Nov-2012 12:53:50	Limit Group:	GCV 8015B GRO ICAL
Client ID:		Instrument ID:	YPID
Lims Batch ID:	65273	Lims Sample ID:	10
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
GASOLINE RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Client Sample ID: Lab Sample ID: MRL 240-65273/21

Matrix: Solid Lab File ID: YF111621.D

Analysis Method: 8015B Date Collected:

Sample wt/vol: 5(mL) Date Analyzed: 11/16/2012 20:13

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 65273 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00061	C6-C12	121		100	50	25

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	76		70-130

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\YPID\20121116-15004.b\YF111621.D
Lims ID: MRL Client ID:
Inject. Date: 16-Nov-2012 20:13:00 Dil. Factor: 1.0000
Sample Type: MRL
Sample ID: 240-0015004-021
Misc. Info.:
Operator: 1765 Instrument ID: YPID
Purge Vol: 5.000 mL ALS Bottle#: 1
Lims Batch ID: 65273 Lims Sample ID: 21
Detector 1 : GC ELC2B
Detector 2 : GC FID1A

Method: \\Ncchrom\ChromData\YPID\20121116-15004.b\Y80158021.m
Last Update: 17-Nov-2012 13:23:47 Calib Date: 27-Aug-2012 15:06:37
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\YPID\20120827-12713.b\YF082710.D
Limit Group: GCV 8015B GRO ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK013

Compound	Det	RT	ADJ RT	DLT RT	Response	On-Col Amt ug/l	Flags
S 17 Xylenes, Total	1		0.000				7
6 2-Methylpentane	2	5.124	5.120	0.004	532350	0	
12 Methyl tert-butyl ether	2	5.205	5.200	0.005	1812325	0	
3 Benzene	1		7.999				1
* 15 Fluorobenzene	1	0.000	8.418	-8.418	0	0	
$ 16 Trifluorotoluene (Surr)	2	9.751	9.755	-0.004	1170757	7.62	
$ 18 a,a,a-Trifluorotoluene (pid)	1		9.772				1
A 5 C6-C10	2	11.825	4.880 -	18.776	19768457	145.3	
8 Toluene	1		11.964				1
A 1 C6-C12	2	13.441	4.980 -	21.902	23152094	120.6	
A 11 GRO	2	13.635	4.988 -	22.282	26563384	0	
13 Ethylbenzene	1		15.042				1
2 m-Xylene & p-Xylene	1		15.410				1
4 o-Xylene	1		16.061				1
10 1,3,5-Trimethylbenzene	1		17.985				1
7 1,2,4-Trimethylbenzene	1	0.000	18.579	-18.579	0	0	
14 Dodecane	2	21.739	21.739	0.0	27501	0	
9 Naphthalene	2	22.058	22.059	-0.001	123732	0	

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection

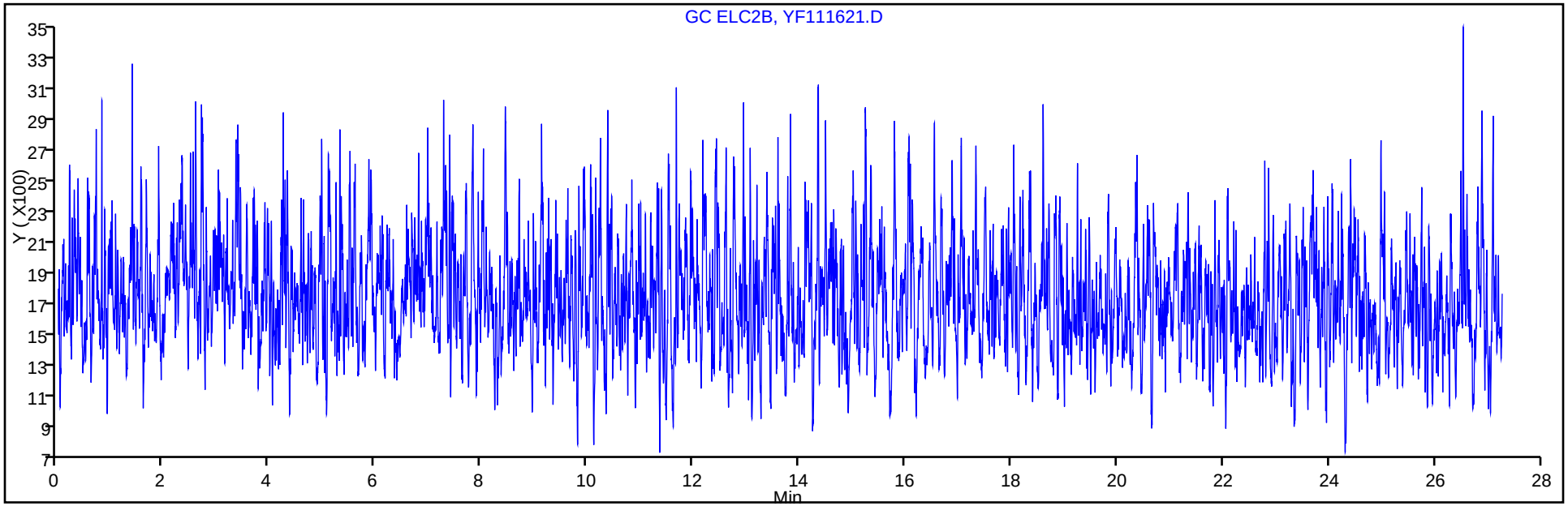
Report Date: 17-Nov-2012 13:23:49 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

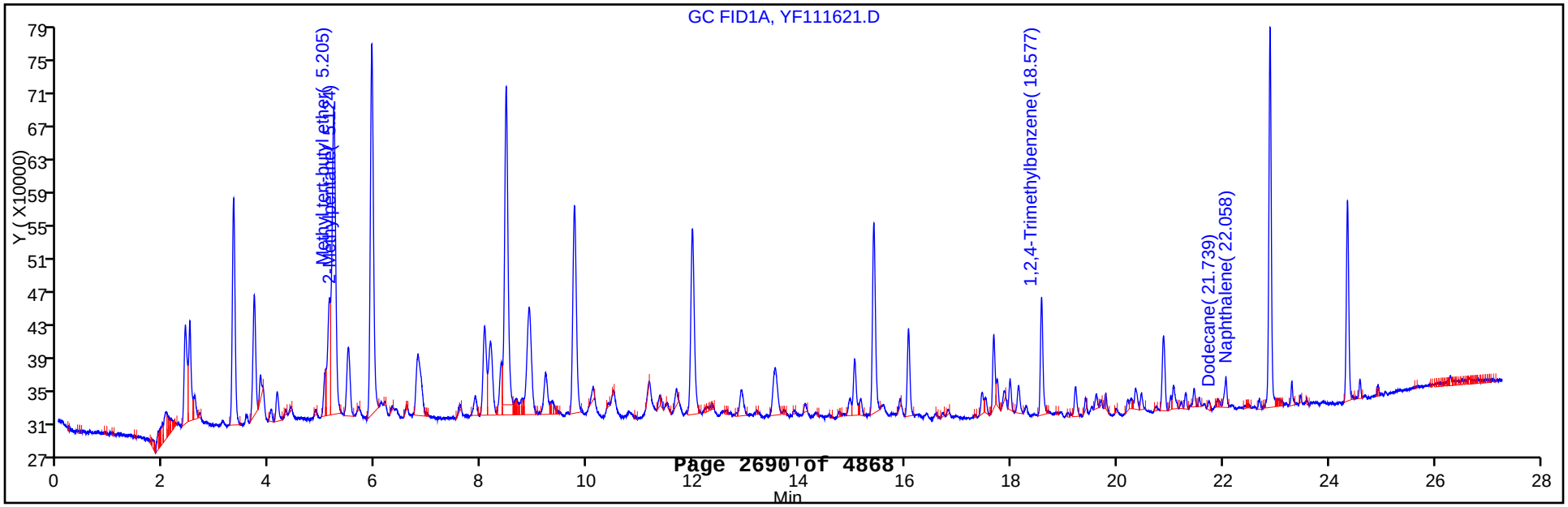
Data File: \\Ncchrom\ChromData\YPID\20121116-15004.b\YF111621.D

Injection Date:	16-Nov-2012 20:13:00	Limit Group:	GCV 8015B GRO ICAL
Client ID:		Instrument ID:	YPID
Lims Batch ID:	65273	Lims Sample ID:	21
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
GASOLINE RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Client Sample ID: 070SS-0006M-0001-SO MS Lab Sample ID: 240-17317-11 MS

Matrix: Solid Lab File ID: YF111616.D

Analysis Method: 8015B Date Collected: 11/07/2012 08:50

Sample wt/vol: 6.451(g) Date Analyzed: 11/16/2012 17:03

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: 24.0 Level: (low/med) Low

Analysis Batch No.: 65273 Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00061	C6-C12	559		100	51	47

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	72		10-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\YPID\20121116-15004.b\YF111616.D
Lims ID: 240-17317-B-11 MS Client ID: 070SS-0006M-0002-SO
Inject. Date: 16-Nov-2012 17:03:12 Dil. Factor: 1.0000
Sample Type: MS
Sample ID: 240-0015004-016
Misc. Info.:
Operator: 1765 Instrument ID: YPID
Purge Vol: 5.000 mL ALS Bottle#: 1
Lims Batch ID: 65273 Lims Sample ID: 16
Detector 1 : GC ELC2B
Detector 2 : GC FID1A

Method: \\Ncchrom\ChromData\YPID\20121116-15004.b\Y80158021.m
Last Update: 17-Nov-2012 13:23:35 Calib Date: 27-Aug-2012 15:06:37
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\YPID\20120827-12713.b\YF082710.D
Limit Group: GCV 8015B GRO ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK013

Compound	Det	RT	ADJ RT	DLT RT	Response	On-Col Amt ug/l	Flags
S 17 Xylenes, Total	1		0.000				7
6 2-Methylpentane	2	5.118	5.120	-0.002	3146530	0	
12 Methyl tert-butyl ether	2	5.199	5.200	-0.001	3773949	0	
3 Benzene	1		7.999				1
* 15 Fluorobenzene	1	0.000	8.418	-8.418	0	0	
$ 16 Trifluorotoluene (Surr)	2	9.748	9.752	-0.004	1099938	7.16	
$ 18 a,a,a-Trifluorotoluene (pid)	1		9.772				1
A 5 C6-C10	2	11.825	4.880 -	18.776	72406860	532.3	
8 Toluene	1		11.964				1
A 1 C6-C12	2	13.441	4.980 -	21.902	81408395	547.8	
A 11 GRO	2	13.635	4.988 -	22.282	85443630	0	
13 Ethylbenzene	1		15.042				1
2 m-Xylene & p-Xylene	1		15.410				1
4 o-Xylene	1		16.061				1
10 1,3,5-Trimethylbenzene	1		17.985				1
7 1,2,4-Trimethylbenzene	1	0.000	18.579	-18.579	0	0	
14 Dodecane	2	21.736	21.739	-0.003	75950	0	
9 Naphthalene	2	22.055	22.059	-0.004	233257	0	

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection

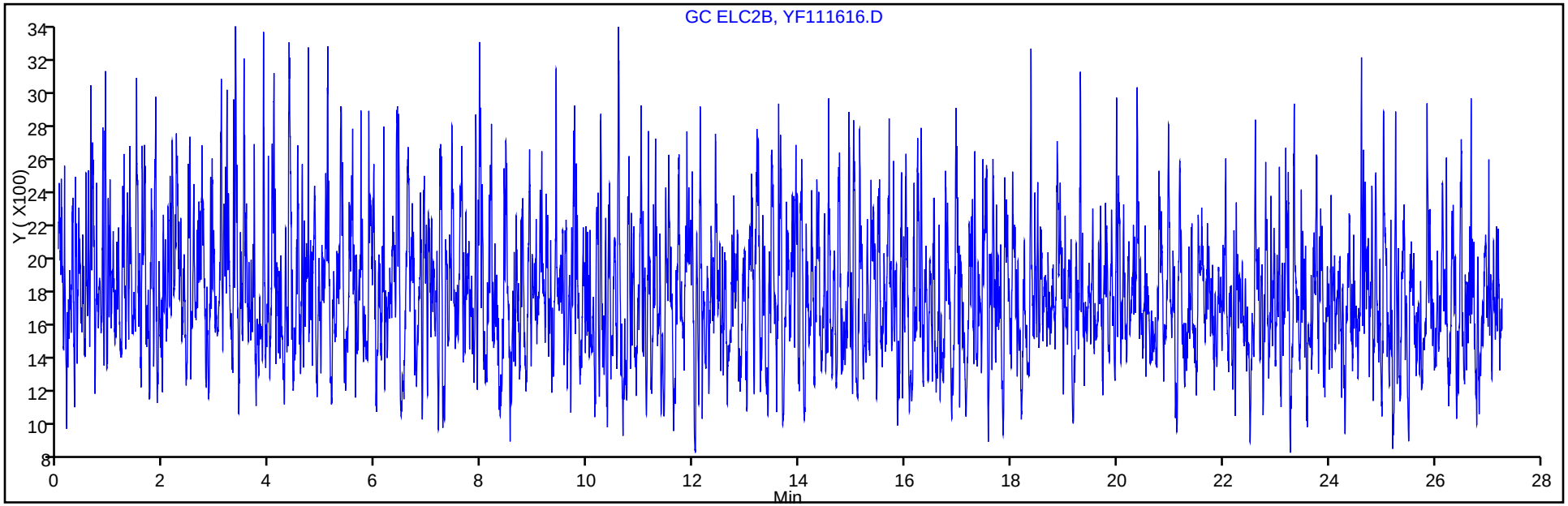
Report Date: 17-Nov-2012 13:23:43 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

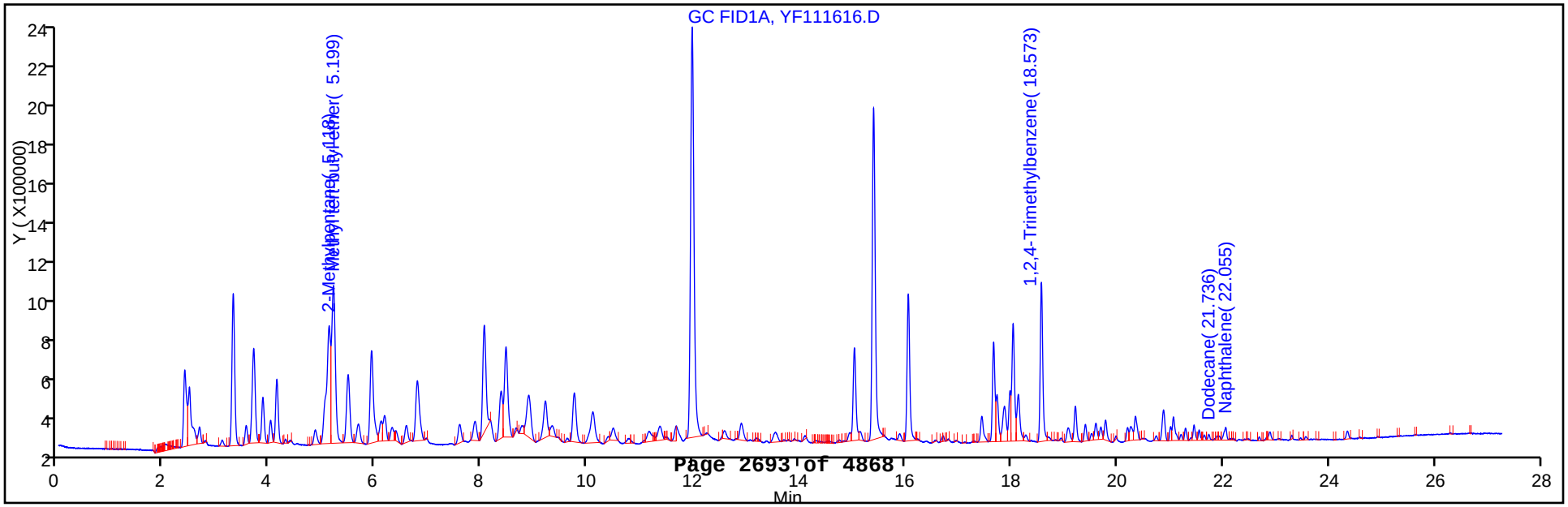
Data File: \\Ncchrom\ChromData\YPID\20121116-15004.b\YF111616.D

Injection Date:	16-Nov-2012 17:03:12	Limit Group:	GCV 8015B GRO ICAL
Client ID:	070SS-0006M-0002-SO	Instrument ID:	YPID
Lims Batch ID:	65273	Lims Sample ID:	16
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



FORM I
GASOLINE RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: 070SS-0006M-0001-SO MSD | Lab Sample ID: 240-17317-11 MSD

Matrix: Solid | Lab File ID: YF111617.D

Analysis Method: 8015B | Date Collected: 11/07/2012 08:50

Sample wt/vol: 5.949(g) | Date Analyzed: 11/16/2012 17:41

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-VRX ID: 0.45(mm)

% Moisture: 24.0 | Level: (low/med) Low

Analysis Batch No.: 65273 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
STL00061	C6-C12	800		110	55	51

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	Trifluorotoluene (Surr)	76		10-150

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\YPID\20121116-15004.b\YF111617.D
Lims ID: 240-17317-B-11 MSD Client ID: 070SS-0006M-0002-SO
Inject. Date: 16-Nov-2012 17:41:15 Dil. Factor: 1.0000
Sample Type: MSD
Sample ID: 240-0015004-017
Misc. Info.:
Operator: 1765 Instrument ID: YPID
Purge Vol: 5.000 mL ALS Bottle#: 1
Lims Batch ID: 65273 Lims Sample ID: 17
Detector 1 : GC ELC2B
Detector 2 : GC FID1A

Method: \\Ncchrom\ChromData\YPID\20121116-15004.b\Y80158021.m
Last Update: 17-Nov-2012 13:23:35 Calib Date: 27-Aug-2012 15:06:37
Quant Method: Internal/External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\YPID\20120827-12713.b\YF082710.D
Limit Group: GCV 8015B GRO ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK013

Compound	Det	RT	ADJ RT	DLT RT	Response	On-Col Amt ug/l	Flags
S 17 Xylenes, Total	1		0.000				7
6 2-Methylpentane	2	5.124	5.120	0.004	4752873	0	
12 Methyl tert-butyl ether	2	5.204	5.200	0.004	4261935	0	
3 Benzene	1		7.999				1
* 15 Fluorobenzene	1	0.000	8.418	-8.418	0	0	
$ 16 Trifluorotoluene (Surr)	2	9.755	9.752	0.003	1170462	7.61	
$ 18 a,a,a-Trifluorotoluene (pid)	1		9.772				1
A 5 C6-C10	2	11.825	4.880 -	18.776	95654912	703.2	
8 Toluene	1		11.964				1
A 1 C6-C12	2	13.441	4.980 -	21.902	105282423	722.9	
A 11 GRO	2	13.635	4.988 -	22.282	109349303	0	
13 Ethylbenzene	1		15.042				1
2 m-Xylene & p-Xylene	1		15.410				1
4 o-Xylene	1		16.061				1
10 1,3,5-Trimethylbenzene	1		17.985				1
7 1,2,4-Trimethylbenzene	1	0.000	18.579	-18.579	0	0	
14 Dodecane	2	21.739	21.739	0.0	49760	0	
9 Naphthalene	2	22.055	22.059	-0.004	339228	0	

QC Flag Legend

Processing Flags
1 - Missing Peaks
7 - Failed Limit of Detection

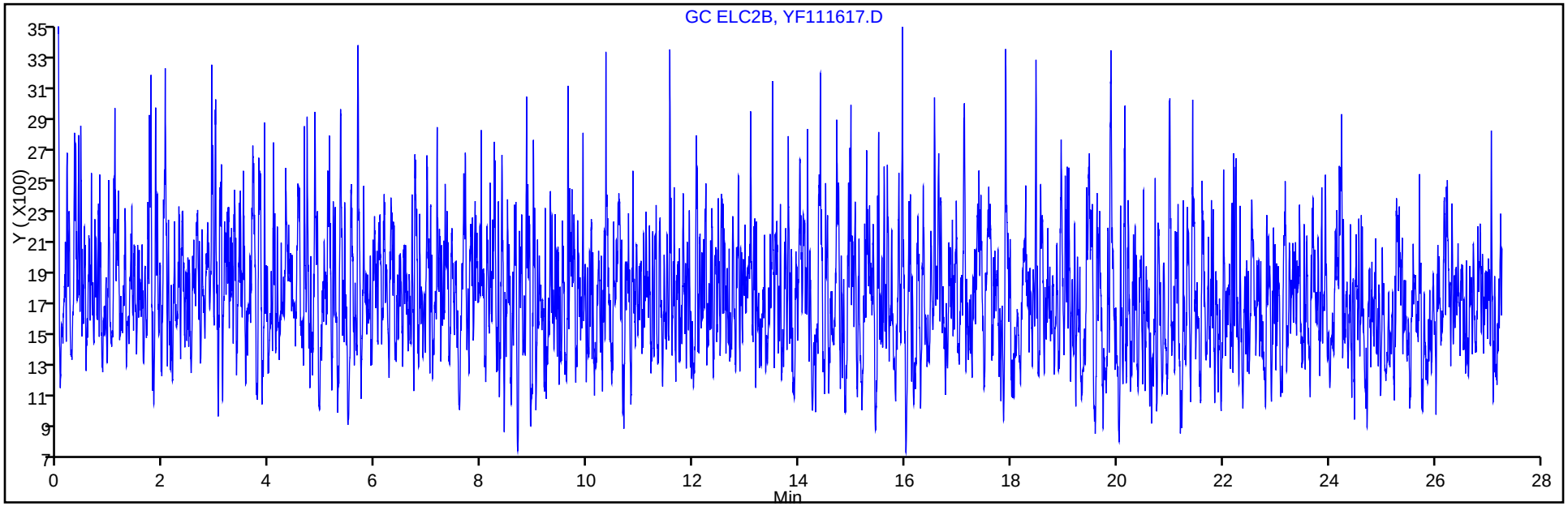
Report Date: 17-Nov-2012 13:23:45 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

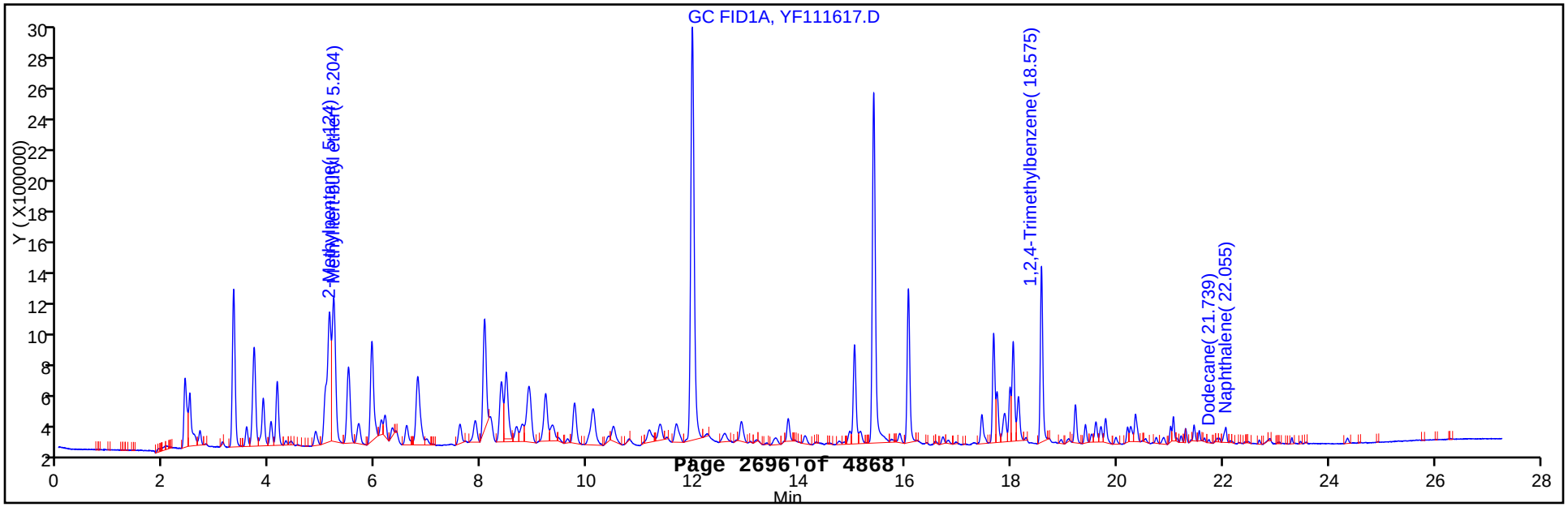
Data File: \\Ncchrom\ChromData\YPID\20121116-15004.b\YF111617.D

Injection Date:	16-Nov-2012 17:41:15	Limit Group:	GCV 8015B GRO ICAL
Client ID:	070SS-0006M-0002-SO	Instrument ID:	YPID
Lims Batch ID:	65273	Lims Sample ID:	17
Operator ID:	1765	Purge Vol:	5.000 mL
Column Type:		Column Dia:	

Y Scaling:



Y Scaling:



GASOLINE RANGE ORGANICS ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Instrument ID: O Start Date: 10/11/2012 10:33

Analysis Batch Number: 60945 End Date: 10/11/2012 15:40

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		10/11/2012 10:33	1		RTX-VRX 0.45(mm)
ZZZZZ		10/11/2012 11:40	1		RTX-VRX 0.45(mm)
STD1 240-60945/4 IC		10/11/2012 12:15	1	O1101104.D	RTX-VRX 0.45(mm)
STD2 240-60945/5 IC		10/11/2012 12:49	1	O1101105.D	RTX-VRX 0.45(mm)
STD3 240-60945/6 IC		10/11/2012 13:23	1	O1101106.D	RTX-VRX 0.45(mm)
STD4 240-60945/7 ICRT		10/11/2012 13:57	1	O1101107.D	RTX-VRX 0.45(mm)
STD5 240-60945/8 IC		10/11/2012 14:31	1	O1101108.D	RTX-VRX 0.45(mm)
STD6 240-60945/9 IC		10/11/2012 15:06	1	O1101109.D	RTX-VRX 0.45(mm)
ICV 240-60945/10		10/11/2012 15:40	1	O1101110.D	RTX-VRX 0.45(mm)

GASOLINE RANGE ORGANICS ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Instrument ID: O Start Date: 11/15/2012 12:42

Analysis Batch Number: 65195 End Date: 11/16/2012 02:51

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		11/15/2012 12:42	1		RTX-VRX 0.45(mm)
ZZZZZ		11/15/2012 13:16	1		RTX-VRX 0.45(mm)
ZZZZZ		11/15/2012 13:50	1		RTX-VRX 0.45(mm)
CCV 240-65195/4 CCVRT		11/15/2012 14:24	1	O1111504.D	RTX-VRX 0.45(mm)
MRL 240-65195/5		11/15/2012 14:59	1	O1111505.D	RTX-VRX 0.45(mm)
MB 240-65195/7		11/15/2012 16:07	1	O1111507.D	RTX-VRX 0.45(mm)
LCS 240-65195/8		11/15/2012 16:42	1	O1111508.D	RTX-VRX 0.45(mm)
ZZZZZ		11/15/2012 17:16	1		RTX-VRX 0.45(mm)
240-17317-25	076SS-0027-0001-TB	11/15/2012 17:50	1	O1111510.D	RTX-VRX 0.45(mm)
ZZZZZ		11/15/2012 18:24	1		RTX-VRX 0.45(mm)
ZZZZZ		11/15/2012 18:58	1		RTX-VRX 0.45(mm)
ZZZZZ		11/15/2012 19:32	1		RTX-VRX 0.45(mm)
ZZZZZ		11/15/2012 20:06	1		RTX-VRX 0.45(mm)
CCV 240-65195/15		11/15/2012 20:40	1	O1111515.D	RTX-VRX 0.45(mm)
ZZZZZ		11/15/2012 21:14	1		RTX-VRX 0.45(mm)
ZZZZZ		11/15/2012 21:48	1		RTX-VRX 0.45(mm)
ZZZZZ		11/15/2012 22:22	1		RTX-VRX 0.45(mm)
ZZZZZ		11/15/2012 22:56	1		RTX-VRX 0.45(mm)
ZZZZZ		11/15/2012 23:30	1		RTX-VRX 0.45(mm)
ZZZZZ		11/16/2012 00:03	1		RTX-VRX 0.45(mm)
ZZZZZ		11/16/2012 00:37	1		RTX-VRX 0.45(mm)
CCV 240-65195/25		11/16/2012 02:17	1		RTX-VRX 0.45(mm)
MRL 240-65195/26		11/16/2012 02:51	1	O1111526.D	RTX-VRX 0.45(mm)

GASOLINE RANGE ORGANICS ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Instrument ID: YPID Start Date: 08/15/2012 17:16

Analysis Batch Number: 54511 End Date: 08/16/2012 06:06

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		08/15/2012 17:16	1		RTX-VRX 0.45(mm)
ZZZZZ		08/15/2012 17:57	1		RTX-VRX 0.45(mm)
STD1 240-54511/6 IC		08/15/2012 18:36	1	YF081506.D	RTX-VRX 0.45(mm)
STD2 240-54511/7 IC		08/15/2012 19:17	1	YF081507.D	RTX-VRX 0.45(mm)
STD3 240-54511/8 IC		08/15/2012 19:58	1	YF081508.D	RTX-VRX 0.45(mm)
STD4 240-54511/9 ICRT		08/15/2012 20:39	1	YF081509.D	RTX-VRX 0.45(mm)
STD5 240-54511/10 IC		08/15/2012 21:19	1	YF081510.D	RTX-VRX 0.45(mm)
STD6 240-54511/11 IC		08/15/2012 22:00	1	YF081511.D	RTX-VRX 0.45(mm)
ICV 240-54511/12		08/15/2012 22:40	1	YF081512.D	RTX-VRX 0.45(mm)
ZZZZZ		08/15/2012 23:21	1		RTX-VRX 0.45(mm)
ZZZZZ		08/16/2012 00:02	1		RTX-VRX 0.45(mm)
ZZZZZ		08/16/2012 00:42	200		RTX-VRX 0.45(mm)
ZZZZZ		08/16/2012 01:23	1		RTX-VRX 0.45(mm)
ZZZZZ		08/16/2012 02:03	100		RTX-VRX 0.45(mm)
ZZZZZ		08/16/2012 02:43	1		RTX-VRX 0.45(mm)
ZZZZZ		08/16/2012 03:24	1		RTX-VRX 0.45(mm)
ZZZZZ		08/16/2012 04:05	1000		RTX-VRX 0.45(mm)
ZZZZZ		08/16/2012 04:45	5		RTX-VRX 0.45(mm)
ZZZZZ		08/16/2012 05:26	1		RTX-VRX 0.45(mm)
CCV 240-54511/23		08/16/2012 06:06	1		RTX-VRX 0.45(mm)

GASOLINE RANGE ORGANICS ANALYSIS RUN LOG

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Instrument ID: YPID Start Date: 11/16/2012 08:23

Analysis Batch Number: 65273 End Date: 11/16/2012 20:13

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		11/16/2012 08:23	1		RTX-VRX 0.45(mm)
ZZZZZ		11/16/2012 09:01	1		RTX-VRX 0.45(mm)
CCV 240-65273/6 CCVRT		11/16/2012 10:18	1	YF111606.D	RTX-VRX 0.45(mm)
ZZZZZ		11/16/2012 10:57	20		RTX-VRX 0.45(mm)
ZZZZZ		11/16/2012 11:36	50		RTX-VRX 0.45(mm)
CCV 240-65273/9		11/16/2012 12:15	1	YF111609.D	RTX-VRX 0.45(mm)
MRL 240-65273/10		11/16/2012 12:53	1	YF111610.D	RTX-VRX 0.45(mm)
MB 240-65273/11		11/16/2012 13:32	1	YF111611.D	RTX-VRX 0.45(mm)
LCS 240-65273/12		11/16/2012 14:11	1	YF111612.D	RTX-VRX 0.45(mm)
ZZZZZ		11/16/2012 15:06	1		RTX-VRX 0.45(mm)
ZZZZZ		11/16/2012 15:45	1		RTX-VRX 0.45(mm)
240-17317-11	070SS-0006M-0001-SO	11/16/2012 16:24	1	YF111615.D	RTX-VRX 0.45(mm)
240-17317-11 MS	070SS-0006M-0001-SO MS	11/16/2012 17:03	1	YF111616.D	RTX-VRX 0.45(mm)
240-17317-11 MSD	070SS-0006M-0001-SO MSD	11/16/2012 17:41	1	YF111617.D	RTX-VRX 0.45(mm)
240-17317-12	070SS-0007M-0001-SO	11/16/2012 18:19	1	YF111618.D	RTX-VRX 0.45(mm)
240-17317-13	070SS-0002M-0001-SO	11/16/2012 18:57	1	YF111619.D	RTX-VRX 0.45(mm)
CCV 240-65273/20		11/16/2012 19:34	1	YF111620.D	RTX-VRX 0.45(mm)
MRL 240-65273/21		11/16/2012 20:13	1	YF111621.D	RTX-VRX 0.45(mm)

GASOLINE RANGE ORGANICS BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Batch Number: 64810 Batch Start Date: 11/13/12 11:35 Batch Analyst: Mancine, Louis

Batch Method: 5035 Batch End Date: 11/13/12 12:31

Lab Sample ID	Client Sample ID	Method Chain	Basis	TareWeight	Vial&SampleWt	InitialAmount	FinalAmount	AnalysisComment	
240-17317-D-11	070SS-0006M-0001-SO	5035, 8015B	T	+030.102 g	37.24 g	7.138 g	5 mL	Preserved on 11/07/2012 @19:25	
240-17317-F-11 MS	070SS-0006M-0001-SO	5035, 8015B	T	+030.789 g	37.24 g	6.451 g	5 mL	Preserved on 11/07/2012 @19:25	
240-17317-H-11 MSD	070SS-0006M-0001-SO	5035, 8015B	T	+030.811 g	36.76 g	5.949 g	5 mL	Preserved on 11/07/2012 @19:25	

Batch Notes	

Basis	Basis Description
T	Total/NA

GASOLINE RANGE ORGANICS BATCH WORKSHEET

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Batch Number: 65380 Batch Start Date: 11/06/12 18:30 Batch Analyst: Bosworth, Heather M

Batch Method: 5035 Batch End Date: 11/07/12 00:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	TareWeight	Vial&SampleWt	InitialAmount	FinalAmount	AnalysisComment	
240-17317-C-12	070SS-0007M-0001-SO	5035, 8015B	T	+029.539 g	35.07 g	5.531 g	5 mL	Preserved on 11/07/12 @ 19:25	
240-17317-C-13	070SS-0002M-0001-SO	5035, 8015B	T	+029.919 g	35.07 g	5.151 g	5 mL	Preserved on 11/07/12 @19:25	

Batch Notes	

Basis	Basis Description
T	Total/NA

Method 8081 DOD

Organochlorine Pesticides (GC) by Method 8081A/DOD

FORM II
GC SEMI VOA SURROGATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): CLP-1 ID: 0.53 (mm) GC Column (2): CLP-2 ID: 0.53 (mm)

Client Sample ID	Lab Sample ID	TCX1 #	TCX2 #	DCB1 #	DCB2 #
068SS-0003M-0001-SO	240-17317-7	114	88	163 Q	86
068SS-0004M-0001-SO	240-17317-8	107	100	172 Q	97
	MB 240-65399/5-A	75	91	79	69
	LCS 240-65399/6-A	97	95	85	75
068SS-0003M-0001-SO MS	240-17317-7 MS	108	87	170 Q	90
068SS-0003M-0001-SO MSD	240-17317-7 MSD	128 Q	111	199 Q	85

	QC LIMITS
TCX = Tetrachloro-m-xylene	70-125
DCB = DCB Decachlorobiphenyl	55-130

Column to be used to flag recovery values

FORM II 8081/DOD

FORM III
GC SEMI VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: P9112022.D

Lab ID: LCS 240-65399/6-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
4,4'-DDD	33.3	35.5	107	30-135	
4,4'-DDE	33.3	27.9	84	70-125	
4,4'-DDT	33.3	30.4	91	45-140	
Aldrin	33.3	27.6	83	45-140	
alpha-BHC	33.3	30.1	90	60-125	
alpha-Chlordane	33.3	27.6	83	65-120	
beta-BHC	33.3	28.4	85	60-125	
delta-BHC	33.3	30.2	91	55-130	
Dieldrin	33.3	30.4	91	65-125	
Endosulfan I	33.3	22.7	68	15-135	
Endosulfan II	33.3	26.7	80	35-140	
Endosulfan sulfate	33.3	29.8	89	60-135	
Endrin	33.3	30.3	91	60-135	
Endrin aldehyde	33.3	34.5	103	35-145	
Endrin ketone	33.3	30.8	92	65-135	
gamma-BHC (Lindane)	33.3	31.1	93	60-125	
gamma-Chlordane	33.3	27.7	83	65-125	
Heptachlor	33.3	26.1	78	50-140	
Heptachlor epoxide	33.3	29.7	89	65-130	
Methoxychlor	33.3	28.9	87	55-145	

Column to be used to flag recovery and RPD values

FORM III 8081/DOD

FORM III
GC SEMI VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Matrix: Water Level: Low Lab File ID: P9112016.D

Lab ID: MRL 240-65793/16 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
4,4'-DDD	0.00500	0.00574	115	70-130	
4,4'-DDD	0.00500	0.00527	105	70-130	
4,4'-DDE	0.00500	0.00506	101	70-130	
4,4'-DDE	0.00500	0.00469 J	94	70-130	
4,4'-DDT	0.00500	0.00481 J	96	70-130	
4,4'-DDT	0.00500	0.00475 J	95	70-130	
Aldrin	0.00500	0.00485 J	97	70-130	
Aldrin	0.00500	0.00466 J	93	70-130	
alpha-BHC	0.00500	0.00498 J	100	70-130	
alpha-BHC	0.00500	0.00446 J	89	70-130	
alpha-Chlordane	0.00500	0.00499 J	100	70-130	
alpha-Chlordane	0.00500	0.00488 J	98	70-130	
beta-BHC	0.00500	0.00536	107	70-130	
beta-BHC	0.00500	0.00541	108	70-130	
delta-BHC	0.00500	0.00491 J	98	70-130	
delta-BHC	0.00500	0.00454 J	91	70-130	
Dieldrin	0.00500	0.00524	105	70-130	
Dieldrin	0.00500	0.00499 J	100	70-130	
Endosulfan I	0.00500	0.00540	108	70-130	
Endosulfan I	0.00500	0.00531	106	70-130	
Endosulfan II	0.00500	0.00548	110	70-130	
Endosulfan II	0.00500	0.00527	105	70-130	
Endosulfan sulfate	0.00500	0.00516	103	70-130	
Endosulfan sulfate	0.00500	0.00481 J	96	70-130	
Endrin	0.00500	0.00579	116	70-130	
Endrin	0.00500	0.00543	109	70-130	
Endrin aldehyde	0.00500	0.00603	121	70-130	
Endrin aldehyde	0.00500	0.00590	118	70-130	
Endrin ketone	0.00500	0.00590	118	70-130	
Endrin ketone	0.00500	0.00551	110	70-130	
gamma-BHC (Lindane)	0.00500	0.00529	106	70-130	
gamma-BHC (Lindane)	0.00500	0.00498 J	100	70-130	
gamma-Chlordane	0.00500	0.00489 J	98	70-130	
gamma-Chlordane	0.00500	0.00483 J	97	70-130	
Heptachlor	0.00500	0.00597	119	70-130	
Heptachlor	0.00500	0.00600	120	70-130	
Heptachlor epoxide	0.00500	0.00521	104	70-130	
Heptachlor epoxide	0.00500	0.00509	102	70-130	
Methoxychlor	0.00500	0.00556 J	111	70-130	
Methoxychlor	0.00500	0.00525 J	105	70-130	

Column to be used to flag recovery and RPD values

FORM III 8081/DOD

FORM III
GC SEMI VOA METHOD REPORTING LIMIT CHECK RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Matrix: Water Level: Low Lab File ID: P9112028.D

Lab ID: MRL 240-65793/28 Client ID:

COMPOUND	SPIKE ADDED (ng/uL)	MRL CONCENTRATION (ng/uL)	MRL % REC	QC LIMITS REC	#
4,4'-DDD	0.00500	0.00610	122	70-130	
4,4'-DDD	0.00500	0.00527	105	70-130	
4,4'-DDE	0.00500	0.00538	108	70-130	
4,4'-DDE	0.00500	0.00481 J	96	70-130	
4,4'-DDT	0.00500	0.00456 J	91	70-130	
4,4'-DDT	0.00500	0.00425 J	85	70-130	
Aldrin	0.00500	0.00540	108	70-130	
Aldrin	0.00500	0.00506	101	70-130	
alpha-BHC	0.00500	0.00551	110	70-130	
alpha-BHC	0.00500	0.00488 J	98	70-130	
alpha-Chlordane	0.00500	0.00543	109	70-130	
alpha-Chlordane	0.00500	0.00508	102	70-130	
beta-BHC	0.00500	0.00577	115	70-130	
beta-BHC	0.00500	0.00570	114	70-130	
delta-BHC	0.00500	0.00517	103	70-130	
delta-BHC	0.00500	0.00480 J	96	70-130	
Dieldrin	0.00500	0.00577	115	70-130	
Dieldrin	0.00500	0.00516	103	70-130	
Endosulfan I	0.00500	0.00594	119	70-130	
Endosulfan I	0.00500	0.00556	111	70-130	
Endosulfan II	0.00500	0.00569	114	70-130	
Endosulfan II	0.00500	0.00527	105	70-130	
Endosulfan sulfate	0.00500	0.00521	104	70-130	
Endosulfan sulfate	0.00500	0.00461 J	92	70-130	
Endrin	0.00500	0.00622	124	70-130	
Endrin	0.00500	0.00550	110	70-130	
Endrin aldehyde	0.00500	0.00597	119	70-130	
Endrin aldehyde	0.00500	0.00555	111	70-130	
Endrin ketone	0.00500	0.00569	114	70-130	
Endrin ketone	0.00500	0.00504	101	70-130	
gamma-BHC (Lindane)	0.00500	0.00558	112	70-130	
gamma-BHC (Lindane)	0.00500	0.00516	103	70-130	
gamma-Chlordane	0.00500	0.00527	105	70-130	
gamma-Chlordane	0.00500	0.00496 J	99	70-130	
Heptachlor	0.00500	0.00608	122	70-130	
Heptachlor	0.00500	0.00597	119	70-130	
Heptachlor epoxide	0.00500	0.00587	117	70-130	
Heptachlor epoxide	0.00500	0.00545	109	70-130	
Methoxychlor	0.00500	0.00530 J	106	70-130	
Methoxychlor	0.00500	0.00458 J	92	70-130	

Column to be used to flag recovery and RPD values

FORM III 8081/DOD

FORM III
GC SEMI VOA MATRIX SPIKE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: P9112018.D

Lab ID: 240-17317-7 MS Client ID: 068SS-0003M-0001-SO MS

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS % REC	QC LIMITS REC	#
4,4'-DDD	33.2	6.7 U	32.8	99	30-135	D
4,4'-DDE	33.2	6.7 U	28.5	86	70-125	D
4,4'-DDT	33.2	6.7 U	29.6	89	45-140	D
Aldrin	33.2	13 U	26.2 J	79	45-140	D
alpha-BHC	33.2	13 U	24.9 J	75	60-125	D
alpha-Chlordane	33.2	13 U	26.4 J	80	65-120	D
beta-BHC	33.2	13 U	69.8	211	60-125	D J
delta-BHC	33.2	13 U	26.3 J	79	55-130	D
Dieldrin	33.2	6.7 U	28.8	87	65-125	D
Endosulfan I	33.2	6.7 U	23.3	70	15-135	D
Endosulfan II	33.2	13 U	26.3	79	35-140	D
Endosulfan sulfate	33.2	13 U	28.9 J	87	60-135	D
Endrin	33.2	6.7 U	29.2	88	60-135	D
Endrin aldehyde	33.2	13 U	33.4	101	35-145	D
Endrin ketone	33.2	6.7 U	34.4	104	65-135	D
gamma-BHC (Lindane)	33.2	13 U	30.3	91	60-125	D
gamma-Chlordane	33.2	6.7 U	33.3	100	65-125	D
Heptachlor	33.2	13 U	33.1 J	100	50-140	D
Heptachlor epoxide	33.2	13 U	30.9	93	65-130	J D
Methoxychlor	33.2	33 U	48.8 J	147	55-145	D M J

Column to be used to flag recovery and RPD values

FORM III 8081/DOD

FORM III
GC SEMI VOA MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: P9112019.D

Lab ID: 240-17317-7 MSD Client ID: 068SS-0003M-0001-SO MSD

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
4,4'-DDD	33.3	34.4	103	5	30	30-135	D
4,4'-DDE	33.3	28.8	87	1	30	70-125	D
4,4'-DDT	33.3	31.6	95	7	30	45-140	D
Aldrin	33.3	27.1 J	81	3	30	45-140	D
alpha-BHC	33.3	26.3	79	6	30	60-125	D
alpha-Chlordane	33.3	26.5 J	80	0	30	65-120	D
beta-BHC	33.3	104	312	39	30	60-125	D J
delta-BHC	33.3	29.5 J	89	11	30	55-130	D
Dieldrin	33.3	28.6	86	1	30	65-125	D
Endosulfan I	33.3	22.3	67	4	30	15-135	D
Endosulfan II	33.3	27.1	81	3	30	35-140	D
Endosulfan sulfate	33.3	28.6 J	86	1	30	60-135	D
Endrin	33.3	30.8	92	5	30	60-135	D
Endrin aldehyde	33.3	37.2	112	11	30	35-145	D
Endrin ketone	33.3	34.2	103	0	30	65-135	D
gamma-BHC (Lindane)	33.3	32.3	97	6	30	60-125	D
gamma-Chlordane	33.3	36.3	109	9	30	65-125	D
Heptachlor	33.3	40.0	120	19	30	50-140	D
Heptachlor epoxide	33.3	32.7	98	6	30	65-130	J D
Methoxychlor	33.3	49.1 J	147	1	30	55-145	D M J

Column to be used to flag recovery and RPD values

FORM III 8081/DOD

FORM IV
GC SEMI VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Lab Sample ID: MB 240-65399/5-A

Matrix: Solid Date Extracted: 11/16/2012 13:53

Lab File ID:(1) P9112021.D Lab File ID:(2) P9112021.D

Date Analyzed:(1) 11/20/2012 15:57 Date Analyzed:(2) 11/20/2012 15:57

Instrument ID:(1) A2HP9 Instrument ID:(2) A2HP9

GC Column:(1) CLP-1 ID: 0.53(mm) GC Column:(2) CLP-2 ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
068SS-0003M-0001-SO	240-17317-7	11/20/2012 14:16	11/20/2012 14:16
068SS-0003M-0001-SO MS	240-17317-7 MS	11/20/2012 14:41	11/20/2012 14:41
068SS-0003M-0001-SO MSD	240-17317-7 MSD	11/20/2012 15:06	11/20/2012 15:06
068SS-0004M-0001-SO	240-17317-8	11/20/2012 15:31	11/20/2012 15:31
	LCS 240-65399/6-A	11/20/2012 16:22	11/20/2012 16:22

FORM VIII
GC SEMI VOA ANALYTICAL SEQUENCE

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Sample No.: CCV 240-65793/6 Date Analyzed: 11/20/2012 09:38

Instrument ID: A2HP9 GC Column: CLP-1 ID: 0.53(mm)

Lab File ID (Standard): P9112006.D Heated Purge: (Y/N) N

Calibration ID: 12262

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				TCX	DCB	
				RT #	RT #	
CONTINUING CALIBRATION SURROGATE				3.54	12.86	
UPPER LIMIT				3.57	12.89	
LOWER LIMIT				3.51	12.83	
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCV 240-65793/6 CCVRT		11/20/2012 09:38	P9112006.D	3.54	12.86	
CCV 240-65793/15		11/20/2012 13:26	P9112015.D	3.54	12.86	
240-17317-7	068SS-0003M-0001-SO	11/20/2012 14:16	P9112017.D	3.54	12.86	
240-17317-7 MS	068SS-0003M-0001-SO MS	11/20/2012 14:41	P9112018.D	3.54	12.86	
240-17317-7 MSD	068SS-0003M-0001-SO MSD	11/20/2012 15:06	P9112019.D	3.54	12.86	
240-17317-8	068SS-0004M-0001-SO	11/20/2012 15:31	P9112020.D	3.54	12.86	
MB 240-65399/5-A		11/20/2012 15:57	P9112021.D	3.54	12.86	
LCS 240-65399/6-A		11/20/2012 16:22	P9112022.D	3.54	12.86	
CCV 240-65793/27		11/20/2012 18:36	P9112027.D	3.54	12.86	

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

TCX RT Limit = ± 0.03 minutes of surrogate RT
DCB RT Limit = ± 0.03 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8081/DOD

FORM VIII
GC SEMI VOA ANALYTICAL SEQUENCE

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Sample No.: CCV 240-65793/6 Date Analyzed: 11/20/2012 09:38

Instrument ID: A2HP9 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): P9112006.D Heated Purge: (Y/N) N

Calibration ID: 12263

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				TCX	DCB	
				RT #	RT #	
CONTINUING CALIBRATION SURROGATE				4.14	14.33	
UPPER LIMIT				4.17	14.36	
LOWER LIMIT				4.11	14.30	
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCV 240-65793/6 CCVRT		11/20/2012 09:38	P9112006.D	4.14	14.33	
CCV 240-65793/15		11/20/2012 13:26	P9112015.D	4.14	14.33	
240-17317-7	068SS-0003M-0001-SO	11/20/2012 14:16	P9112017.D	4.14	14.33	
240-17317-7 MS	068SS-0003M-0001-SO MS	11/20/2012 14:41	P9112018.D	4.14	14.33	
240-17317-7 MSD	068SS-0003M-0001-SO MSD	11/20/2012 15:06	P9112019.D	4.14	14.33	
240-17317-8	068SS-0004M-0001-SO	11/20/2012 15:31	P9112020.D	4.14	14.33	
MB 240-65399/5-A		11/20/2012 15:57	P9112021.D	4.14	14.33	
LCS 240-65399/6-A		11/20/2012 16:22	P9112022.D	4.14	14.33	
CCV 240-65793/27		11/20/2012 18:36	P9112027.D	4.14	14.33	

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl

TCX RT Limit = ± 0.03 minutes of surrogate RT
DCB RT Limit = ± 0.03 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII 8081/DOD

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Client Sample ID: 068SS-0003M-0001-SO MS Lab Sample ID: 240-17317-7 MS

Instrument ID (1): A2HP9 Instrument ID (2): A2HP9

Date Analyzed (1): 11/20/2012 14:41 Date Analyzed (2): 11/20/2012 14:41

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		%DIFF
				FROM	TO	PEAK	MEAN	
alpha-BHC	1		4.22	4.20	4.26	30.6		20.6
	2		4.98	4.95	5.01	24.9		
gamma-BHC (Lindane)	1		4.60	4.58	4.64	31.4		3.8
	2		5.55	5.52	5.58	30.3		
beta-BHC	1		4.74	4.71	4.77	37.2		60.9
	2		5.73	5.70	5.76	69.8		
delta-BHC	1		4.95	4.93	4.99	23.7		10.4
	2		6.30	6.27	6.33	26.3		
Heptachlor	1		5.24	5.21	5.28	35.3		6.6
	2		6.40	6.36	6.43	33.1		
Aldrin	1		5.70	5.67	5.73	27.8		6.0
	2		7.14	7.11	7.17	26.2		
Heptachlor epoxide	1		6.96	6.93	6.99	30.9		196.8
	2		8.64	8.58	8.64	3810		
gamma-Chlordane	1		7.27	7.24	7.30	33.6		1.0
	2		9.03	9.00	9.06	33.3		
alpha-Chlordane	1		7.62	7.59	7.65	29.5		11.3
	2		9.34	9.31	9.37	26.4		
Endosulfan I	1		7.90	7.87	7.93	25.3		8.3
	2		9.40	9.37	9.43	23.3		
4,4'-DDE	1		7.99	7.97	8.03	30.1		5.5
	2		9.79	9.76	9.82	28.5		
Dieldrin	1		8.45	8.43	8.49	30.4		5.5
	2		9.93	9.90	9.96	28.8		
Endrin	1		8.91	8.88	8.94	33.8		14.7
	2		10.45	10.42	10.48	29.2		
4,4'-DDD	1		9.26	9.23	9.29	32.8		24.0
	2		10.81	10.78	10.84	25.7		
Endosulfan II	1		9.35	9.32	9.38	26.3		1.9
	2		10.81	10.78	10.84	25.7		
4,4'-DDT	1		9.78	9.75	9.81	30.4		2.8
	2		11.30	11.27	11.33	29.6		
Endrin aldehyde	1		10.14	10.11	10.17	34.7		3.8
	2		11.39	11.36	11.42	33.4		
Methoxychlor	1		10.72	10.69	10.75	34.8		33.3
	2		12.37	12.34	12.40	48.8		
Endosulfan sulfate	1		10.86	10.83	10.89	27.1		6.2
	2		11.82	11.79	11.85	28.9		
Endrin ketone	1		11.26	11.23	11.29	36.8		6.8
	2		12.55	12.53	12.59	34.4		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Client Sample ID: 068SS-0003M-0001-SO MSD Lab Sample ID: 240-17317-7 MSD

Instrument ID (1): A2HP9 Instrument ID (2): A2HP9

Date Analyzed (1): 11/20/2012 15:06 Date Analyzed (2): 11/20/2012 15:06

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		%DIFF
				FROM	TO	PEAK	MEAN	
alpha-BHC	1		4.23	4.20	4.26	31.3		17.3
	2		4.98	4.95	5.01	26.3		
gamma-BHC (Lindane)	1		4.61	4.58	4.64	33.7		4.2
	2		5.55	5.52	5.58	32.3		
beta-BHC	1		4.74	4.71	4.77	37.8		93.2
	2		5.73	5.70	5.76	104		
delta-BHC	1		4.96	4.93	4.99	26.0		12.5
	2		6.30	6.27	6.33	29.5		
Heptachlor	1		5.24	5.21	5.28	41.3		3.3
	2		6.40	6.36	6.43	40.0		
Aldrin	1		5.70	5.67	5.73	28.2		3.9
	2		7.14	7.11	7.17	27.1		
Heptachlor epoxide	1		6.96	6.93	6.99	32.7		197.4
	2		8.65	8.58	8.64	5080		
gamma-Chlordane	1		7.27	7.24	7.30	34.9		3.9
	2		9.03	9.00	9.06	36.3		
alpha-Chlordane	1		7.62	7.59	7.65	30.3		13.3
	2		9.34	9.31	9.37	26.5		
Endosulfan I	1		7.90	7.87	7.93	25.8		14.5
	2		9.40	9.37	9.43	22.3		
4,4'-DDE	1		7.99	7.97	8.03	30.9		6.8
	2		9.79	9.76	9.82	28.8		
Dieldrin	1		8.46	8.43	8.49	31.3		9.0
	2		9.93	9.90	9.96	28.6		
Endrin	1		8.91	8.88	8.94	34.8		12.3
	2		10.45	10.42	10.48	30.8		
4,4'-DDD	1		9.26	9.23	9.29	34.4		24.4
	2		10.81	10.78	10.84	26.9		
Endosulfan II	1		9.35	9.32	9.38	27.1		0.6
	2		10.81	10.78	10.84	26.9		
4,4'-DDT	1		9.78	9.75	9.81	34.1		7.6
	2		11.30	11.27	11.33	31.6		
Endrin aldehyde	1		10.14	10.11	10.17	36.3		2.5
	2		11.39	11.36	11.42	37.2		
Methoxychlor	1		10.72	10.69	10.75	35.3		32.6
	2		12.37	12.34	12.40	49.1		
Endosulfan sulfate	1		10.86	10.83	10.89	27.1		5.3
	2		11.82	11.79	11.85	28.6		
Endrin ketone	1		11.26	11.23	11.29	38.4		11.4
	2		12.56	12.53	12.59	34.2		

FORM X
IDENTIFICATION SUMMARY

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 240-65399/6-A

Instrument ID (1): A2HP9 Instrument ID (2): A2HP9

Date Analyzed (1): 11/20/2012 16:22 Date Analyzed (2): 11/20/2012 16:22

GC Column (1): CLP-1 ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		%DIFF
				FROM	TO	PEAK	MEAN	
alpha-BHC	1		4.23	4.20	4.26	30.9		2.6
	2		4.98	4.95	5.01	30.1		
gamma-BHC (Lindane)	1		4.61	4.58	4.64	32.5		4.7
	2		5.55	5.52	5.58	31.1		
beta-BHC	1		4.74	4.71	4.77	29.4		3.4
	2		5.73	5.70	5.76	28.4		
delta-BHC	1		4.96	4.93	4.99	31.1		2.9
	2		6.30	6.27	6.33	30.2		
Heptachlor	1		5.24	5.21	5.28	31.7		19.5
	2		6.40	6.36	6.43	26.1		
Aldrin	1		5.70	5.67	5.73	27.8		0.7
	2		7.14	7.11	7.17	27.6		
Heptachlor epoxide	1		6.96	6.93	6.99	33.0		10.8
	2		8.61	8.58	8.64	29.7		
gamma-Chlordane	1		7.27	7.24	7.30	30.7		10.4
	2		9.03	9.00	9.06	27.7		
alpha-Chlordane	1		7.62	7.59	7.65	28.8		4.1
	2		9.34	9.31	9.37	27.6		
Endosulfan I	1		7.90	7.87	7.93	24.6		8.1
	2		9.40	9.37	9.43	22.7		
4,4'-DDE	1		7.99	7.97	8.03	29.4		5.2
	2		9.79	9.76	9.82	27.9		
Dieldrin	1		8.45	8.43	8.49	33.4		9.2
	2		9.93	9.90	9.96	30.4		
Endrin	1		8.91	8.88	8.94	33.8		10.7
	2		10.45	10.42	10.48	30.3		
4,4'-DDD	1		9.26	9.23	9.29	35.5		21.7
	2		10.81	10.78	10.84	28.6		
Endosulfan II	1		9.35	9.32	9.38	26.7		6.8
	2		10.81	10.78	10.84	28.6		
4,4'-DDT	1		9.78	9.75	9.81	32.2		5.8
	2		11.29	11.27	11.33	30.4		
Endrin aldehyde	1		10.14	10.11	10.17	38.8		11.9
	2		11.39	11.36	11.42	34.5		
Methoxychlor	1		10.72	10.69	10.75	33.8		15.8
	2		12.37	12.34	12.40	28.9		
Endosulfan sulfate	1		10.86	10.83	10.89	32.0		7.0
	2		11.82	11.79	11.85	29.8		
Endrin ketone	1		11.26	11.23	11.29	33.2		7.6
	2		12.56	12.53	12.59	30.8		

FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Client Sample ID: 068SS-0003M-0001-SO Lab Sample ID: 240-17317-7

Matrix: Solid Lab File ID: P9112017.D

Analysis Method: 8081/DOD Date Collected: 11/06/2012 12:00

Extraction Method: 3540C Date Extracted: 11/16/2012 13:53

Sample wt/vol: 29.89(g) Date Analyzed: 11/20/2012 14:16

Con. Extract Vol.: 10(mL) Dilution Factor: 10

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 65793 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	163	Q	55-130
877-09-8	Tetrachloro-m-xylene	114		70-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121120-15112.b\P9112017.D
Lims ID: 240-17317-A-7-Q Client ID: 068SS-0003M-0001-SO
Inject. Date: 20-Nov-2012 14:16:31 Dil. Factor: 10.0000
Sample Type: Client
Sample ID: 240-0015112-017
Misc. Info.:
Operator: 093905 Instrument ID: A2HP9
Injection Vol: 1.0 ul ALS Bottle#: 17
Lims Batch ID: 65793 Lims Sample ID: 17
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121120-15112.b\PEST9.m
Last Update: 26-Nov-2012 09:35:47 Calib Date: 17-Nov-2012 20:09:29
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121116-15037.b\P9111710.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type: Column Dia:
Process Host: XAWRK030

First Level Reviewer: vandorenc Date: 26-Nov-2012 09:13:18

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.540	3.540	0.000	5066378	0.002276			
2	100	4.142	4.143	-0.001	12818918	0.001766			
						RPD = 25.22			
12 Diallate									
1	100		4.009						
1	2		4.188						
2	100		4.664						
2	2		4.769						
24 Hexachlorobenzene									
1	100		4.012						
2	100		4.759						
5 alpha-BHC									
1	100		4.225						
2	100		4.980						
20 gamma-BHC (Lindane)									
1	100		4.605						
2	100		5.550						
7 beta-BHC									
1	100	4.730	4.738	-0.008	2023447	0.001621			
2	100	5.724	5.730	-0.006	3714930	0.000905			
						RPD = 56.67			
11 delta-BHC									
1	100		4.955						
2	100		6.295						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
8 Chlordane (technical)									
1	100		5.126						
1	2		5.999						
1	3		7.270						
1	4		7.616						
2	100		6.094						
2	2		7.628						
2	3		9.028						
2	4		9.336						
22 Heptachlor									
1	100		5.243						
2	100		6.396						
4 Aldrin									
1	100		5.704						
2	100		7.135						
25 Isodrin									
1	100		6.304						
2	100		8.128						
23 Heptachlor epoxide									
1	100		6.961						
2	100		8.609						
21 gamma-Chlordane									
1	100		7.273						
2	100		9.028						
6 alpha-Chlordane									
1	100		7.622						
2	100		9.337						
14 Endosulfan I									
1	100		7.897						
2	100		9.399						
2 4,4'-DDE									
1	100		7.995						
2	100		9.789						
13 Dieldrin									
1	100		8.455						
2	100		9.929						
17 Endrin									
1	100		8.906						
2	100		10.448						
26 Kepone									
1	100		8.998						
2	100		10.633						
9 Chlorobenzilate									
1	100		9.231						
2	100		10.524						
1 4,4'-DDD									
1	100		9.263						
2	100		10.813						

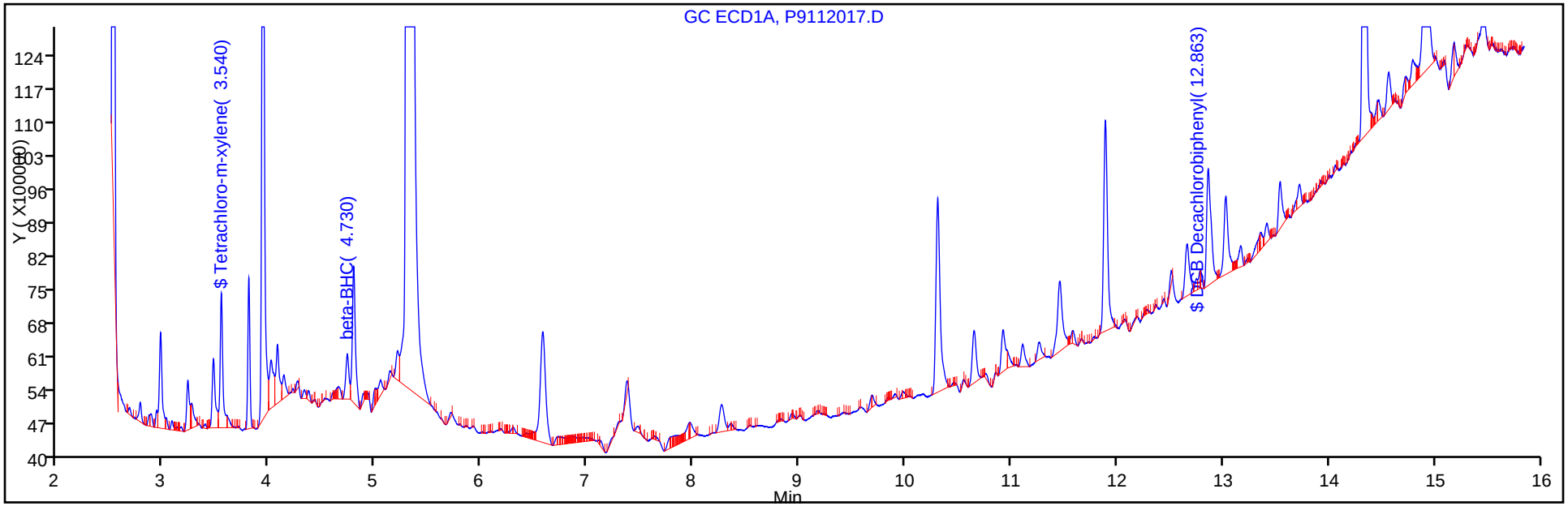
Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
15 Endosulfan II									
1	100		9.354						
2	100		10.813						
30 Toxaphene									
1	100		9.483						
1	2		10.023						
1	3		10.088						
1	4		10.669						
1	5		11.233						
2	100		10.385						
2	2		11.398						
2	3		11.748						
2	4		12.152						
2	5		12.536						
3 4,4'-DDT									
1	100		9.780						
2	100		11.295						
18 Endrin aldehyde									
1	100		10.141						
2	100		11.386						
28 Mirex									
1	100		10.476						
2	100		12.377						
27 Methoxychlor									
1	100		10.722						
2	100		12.367						
16 Endosulfan sulfate									
1	100		10.860						
2	100		11.817						
19 Endrin ketone									
1	100		11.260						
2	100		12.555						
$ 10 DCB Decachlorobiphenyl									
1	100	12.863	12.861	0.002	7210456	0.003261			
2	100	14.326	14.327	-0.001	9756265	0.001716			
						RPD = 62.05			

Report Date: 26-Nov-2012 09:35:49 Chrom Revision: 2.0 15-Nov-2012 14:43:54

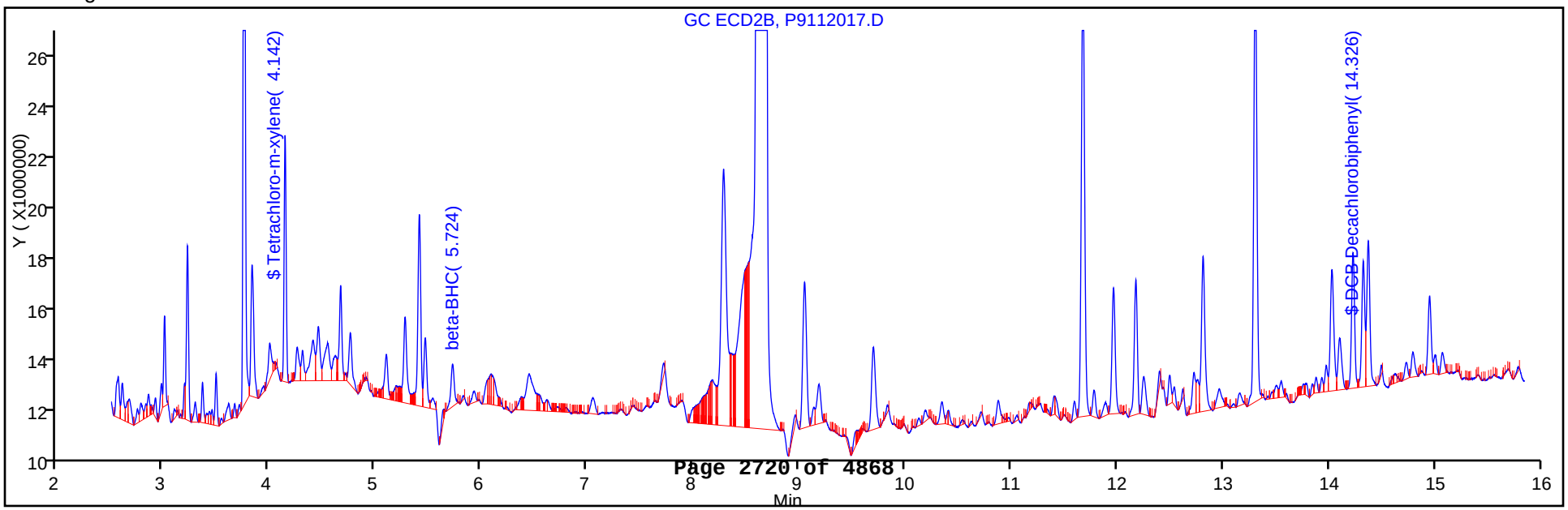
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A2HP9\20121120-15112.b\P9112017.D		
Injection Date:	20-Nov-2012 14:16:31	Limit Group:	GC 8081 D0D ICAL
Client ID:	068SS-0003M-0001-SO	Instrument ID:	A2HP9
Lims Batch ID:	65793	Lims Sample ID:	17
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: 068SS-0003M-0001-SO | Lab Sample ID: 240-17317-7

Matrix: Solid | Lab File ID: P9112017.D

Analysis Method: 8081/DOD | Date Collected: 11/06/2012 12:00

Extraction Method: 3540C | Date Extracted: 11/16/2012 13:53

Sample wt/vol: 29.89(g) | Date Analyzed: 11/20/2012 14:16

Con. Extract Vol.: 10(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 65793 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
72-54-8	4,4'-DDD	6.7	U	20	6.7	6.2
72-55-9	4,4'-DDE	6.7	U	17	6.7	3.9
50-29-3	4,4'-DDT	6.7	U	20	6.7	6.3
309-00-2	Aldrin	13	U	40	13	12
319-84-6	alpha-BHC	13	U	25	13	7.3
5103-71-9	alpha-Chlordane	13	U	30	13	9.4
319-85-7	beta-BHC	13	U J	35	13	11
319-86-8	delta-BHC	13	U	40	13	12
60-57-1	Dieldrin	6.7	U	17	6.7	4.7
959-98-8	Endosulfan I	6.7	U	17	6.7	5.2
33213-65-9	Endosulfan II	13	U	25	13	8.2
1031-07-8	Endosulfan sulfate	13	U	30	13	8.7
72-20-8	Endrin	6.7	U	17	6.7	5.0
7421-93-4	Endrin aldehyde	13	U	30	13	10
53494-70-5	Endrin ketone	6.7	U	20	6.7	6.3
58-89-9	gamma-BHC (Lindane)	13	U	25	13	7.4
5103-74-2	gamma-Chlordane	6.7	U	17	6.7	4.2
76-44-8	Heptachlor	13	U	35	13	11
1024-57-3	Heptachlor epoxide	13	U J	25	13	8.0
72-43-5	Methoxychlor	33	U J	50	33	15
8001-35-2	Toxaphene	200	U	670	200	190

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	86		55-130
877-09-8	Tetrachloro-m-xylene	88		70-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121120-15112.b\P9112017.D
Lims ID: 240-17317-A-7-Q
Client ID: 068SS-0003M-0001-SO
Inject. Date: 20-Nov-2012 14:16:31
Dil. Factor: 10.0000
Sample Type: Client
Sample ID: 240-0015112-017
Misc. Info.:
Operator: 093905
Instrument ID: A2HP9
Injection Vol: 1.0 ul
ALS Bottle#: 17
Lims Batch ID: 65793
Lims Sample ID: 17
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121120-15112.b\PEST9.m
Last Update: 26-Nov-2012 09:35:47
Calib Date: 17-Nov-2012 20:09:29
Quant Method: External Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121116-15037.b\P9111710.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type:
Column Dia:
Process Host: XAWRK030

First Level Reviewer: vandorenc
Date: 26-Nov-2012 09:13:18

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.540	3.540	0.000	5066378	0.002276			
2	100	4.142	4.143	-0.001	12818918	0.001766			
						RPD = 25.22			
12 Diallate									
1	100		4.009						
1	2		4.188						
2	100		4.664						
2	2		4.769						
24 Hexachlorobenzene									
1	100		4.012						
2	100		4.759						
5 alpha-BHC									
1	100		4.225						
2	100		4.980						
20 gamma-BHC (Lindane)									
1	100		4.605						
2	100		5.550						
7 beta-BHC									
1	100	4.730	4.738	-0.008	2023447	0.001621			
2	100	5.724	5.730	-0.006	3714930	0.000905			
						RPD = 56.67			
11 delta-BHC									
1	100		4.955						
2	100		6.295						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
8 Chlordane (technical)									
1	100		5.126						
1	2		5.999						
1	3		7.270						
1	4		7.616						
2	100		6.094						
2	2		7.628						
2	3		9.028						
2	4		9.336						
22 Heptachlor									
1	100		5.243						
2	100		6.396						
4 Aldrin									
1	100		5.704						
2	100		7.135						
25 Isodrin									
1	100		6.304						
2	100		8.128						
23 Heptachlor epoxide									
1	100		6.961						
2	100		8.609						
21 gamma-Chlordane									
1	100		7.273						
2	100		9.028						
6 alpha-Chlordane									
1	100		7.622						
2	100		9.337						
14 Endosulfan I									
1	100		7.897						
2	100		9.399						
2 4,4'-DDE									
1	100		7.995						
2	100		9.789						
13 Dieldrin									
1	100		8.455						
2	100		9.929						
17 Endrin									
1	100		8.906						
2	100		10.448						
26 Kepone									
1	100		8.998						
2	100		10.633						
9 Chlorobenzilate									
1	100		9.231						
2	100		10.524						
1 4,4'-DDD									
1	100		9.263						
2	100		10.813						

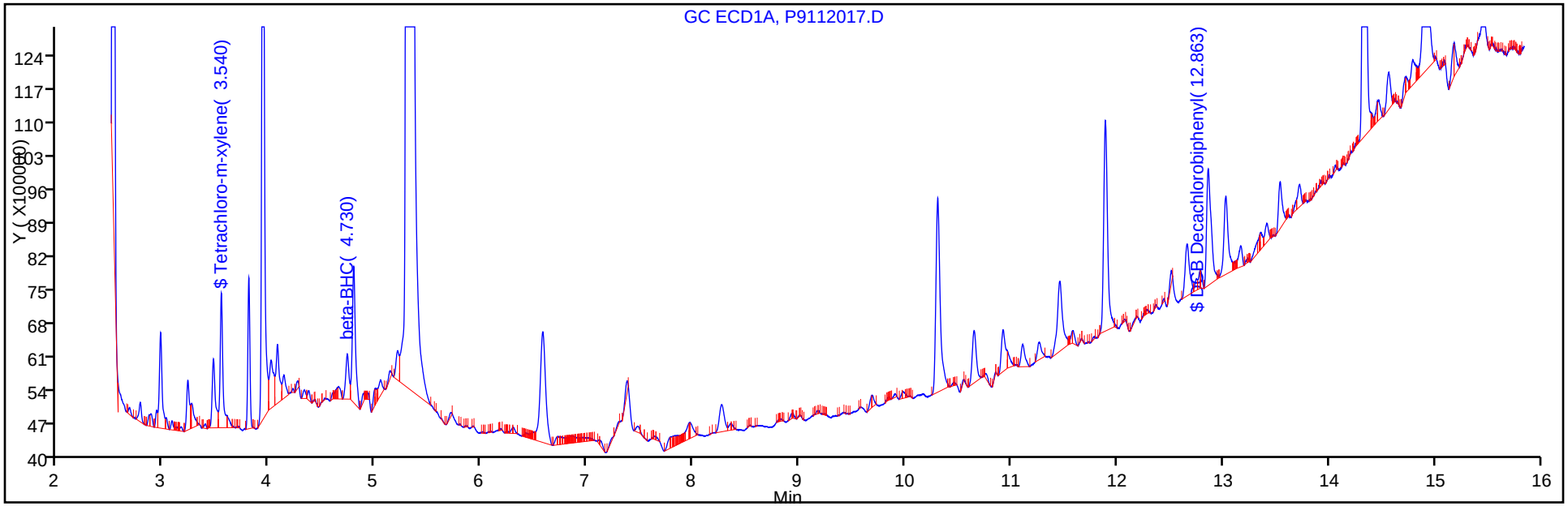
Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
15 Endosulfan II									
1	100		9.354						
2	100		10.813						
30 Toxaphene									
1	100		9.483						
1	2		10.023						
1	3		10.088						
1	4		10.669						
1	5		11.233						
2	100		10.385						
2	2		11.398						
2	3		11.748						
2	4		12.152						
2	5		12.536						
3 4,4'-DDT									
1	100		9.780						
2	100		11.295						
18 Endrin aldehyde									
1	100		10.141						
2	100		11.386						
28 Mirex									
1	100		10.476						
2	100		12.377						
27 Methoxychlor									
1	100		10.722						
2	100		12.367						
16 Endosulfan sulfate									
1	100		10.860						
2	100		11.817						
19 Endrin ketone									
1	100		11.260						
2	100		12.555						
$ 10 DCB Decachlorobiphenyl									
1	100	12.863	12.861	0.002	7210456	0.003261			
2	100	14.326	14.327	-0.001	9756265	0.001716			
						RPD = 62.05			

Report Date: 26-Nov-2012 09:35:50 Chrom Revision: 2.0 15-Nov-2012 14:43:54

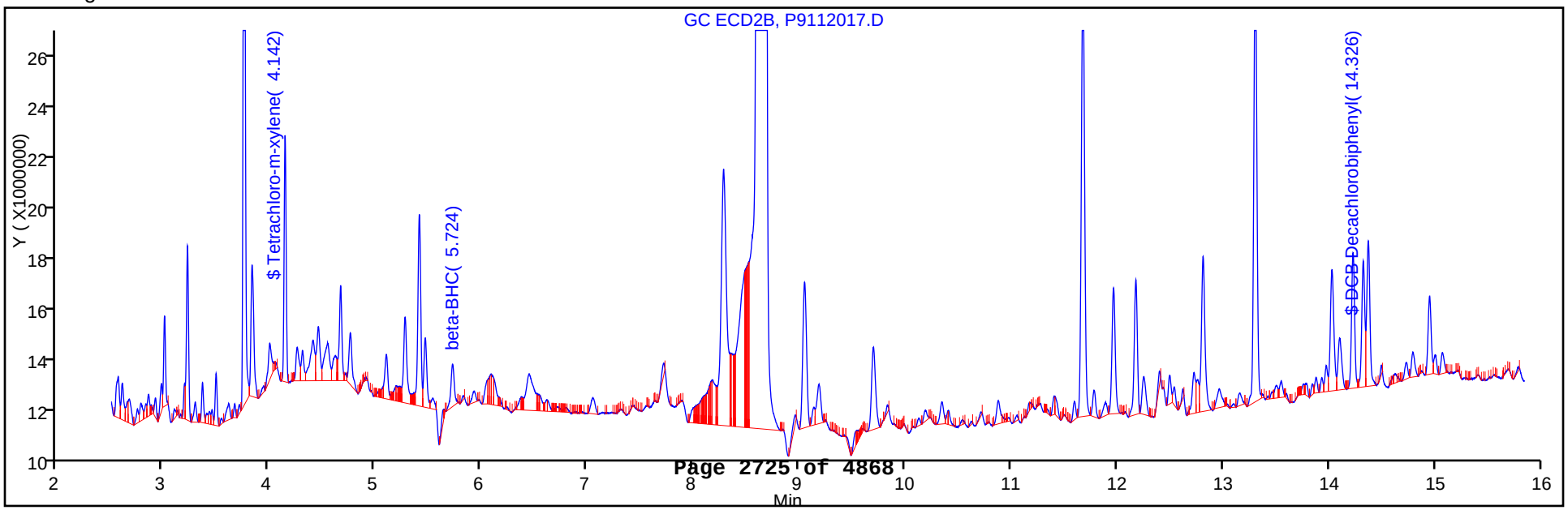
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A2HP9\20121120-15112.b\P9112017.D		
Injection Date:	20-Nov-2012 14:16:31	Limit Group:	GC 8081 D0D ICAL
Client ID:	068SS-0003M-0001-SO	Instrument ID:	A2HP9
Lims Batch ID:	65793	Lims Sample ID:	17
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton Job No.: 240-17317-1

SDG No.:

Client Sample ID: 068SS-0004M-0001-SO Lab Sample ID: 240-17317-8

Matrix: Solid Lab File ID: P9112020.D

Analysis Method: 8081/DOD Date Collected: 11/06/2012 12:00

Extraction Method: 3540C Date Extracted: 11/16/2012 13:53

Sample wt/vol: 29.81(g) Date Analyzed: 11/20/2012 15:31

Con. Extract Vol.: 10(mL) Dilution Factor: 10

Injection Volume: 1(uL) GC Column: CLP-1 ID: 0.53(mm)

% Moisture: GPC Cleanup:(Y/N) N

Analysis Batch No.: 65793 Units: ug/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	172	Q	55-130
877-09-8	Tetrachloro-m-xylene	107		70-125

TestAmerica Canton
Target Compound Quantitation Report

Data File: \\Ncchrom\ChromData\A2HP9\20121120-15112.b\P9112020.D
Lims ID: 240-17317-A-8-E
Client ID: 068SS-0004M-0001-SO
Inject. Date: 20-Nov-2012 15:31:48
Dil. Factor: 10.0000
Sample Type: Client
Sample ID: 240-0015112-020
Misc. Info.:
Operator: 093905
Instrument ID: A2HP9
Injection Vol: 1.0 ul
ALS Bottle#: 20
Lims Batch ID: 65793
Lims Sample ID: 20
Detector 1 : GC ECD1A
Detector 2 : GC ecd2b

Method: \\Ncchrom\ChromData\A2HP9\20121120-15112.b\PEST9.m
Last Update: 26-Nov-2012 09:35:47
Calib Date: 17-Nov-2012 20:09:29
Quant Method: External Standard
Quant By: Initial Calibration
Last ICal File: \\Ncchrom\ChromData\A2HP9\20121116-15037.b\P9111710.D
Limit Group: GC 8081 D0D ICAL
Integrator: Falcon
Column Type:
Column Dia:
Process Host: XAWRK030

First Level Reviewer: vandorenc
Date: 26-Nov-2012 09:17:48

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.540	3.540	0.000	4767485	0.002142			
2	100	4.144	4.143	0.001	14473518	0.001994			
						RPD = 7.13			
5 alpha-BHC									
1	100		4.225						
2	100		4.980						
20 gamma-BHC (Lindane)									
1	100		4.605						
2	100		5.550						
7 beta-BHC									
1	100	4.729	4.738	-0.009	2378981	0.001906			
2	100	5.725	5.730	-0.005	39106491	0.009528			
						RPD = 133.33			
11 delta-BHC									1
1	100		4.955						
2	100		6.295						
22 Heptachlor									
1	100		5.243						
2	100		6.396						
4 Aldrin									
1	100		5.704						
2	100		7.135						
23 Heptachlor epoxide									
1	100		6.961						
2	100		8.609						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
21 gamma-Chlordane									
1	100		7.273						
2	100		9.028						
6 alpha-Chlordane									
1	100		7.622						
2	100		9.337						
14 Endosulfan I									
1	100		7.897						
2	100		9.399						
2 4,4'-DDE									
1	100		7.995						
2	100		9.789						
13 Dieldrin									
1	100		8.455						
2	100		9.929						
17 Endrin									
1	100		8.906						
2	100		10.448						
1 4,4'-DDD									
1	100		9.263						
2	100		10.813						
15 Endosulfan II									
1	100		9.354						
2	100		10.813						
30 Toxaphene									
1	100		9.483						
1	2		10.023						
1	3		10.088						
1	4		10.669						
1	5		11.233						
2	100		10.385						
2	2		11.398						
2	3		11.748						
2	4		12.152						
2	5		12.536						
3 4,4'-DDT									
1	100		9.780						
2	100		11.295						
18 Endrin aldehyde									
1	100		10.141						
2	100		11.386						
27 Methoxychlor									1
1	100		10.722						
2	100		12.367						
16 Endosulfan sulfate									
1	100		10.860						
2	100		11.817						
19 Endrin ketone									
1	100		11.260						
2	100		12.555						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 10 DCB Decachlorobiphenyl									
1	100	12.863	12.861	0.002	7610018	0.003441			
2	100	14.329	14.327	0.002	11032773	0.001941			
						RPD = 55.74			

QC Flag Legend

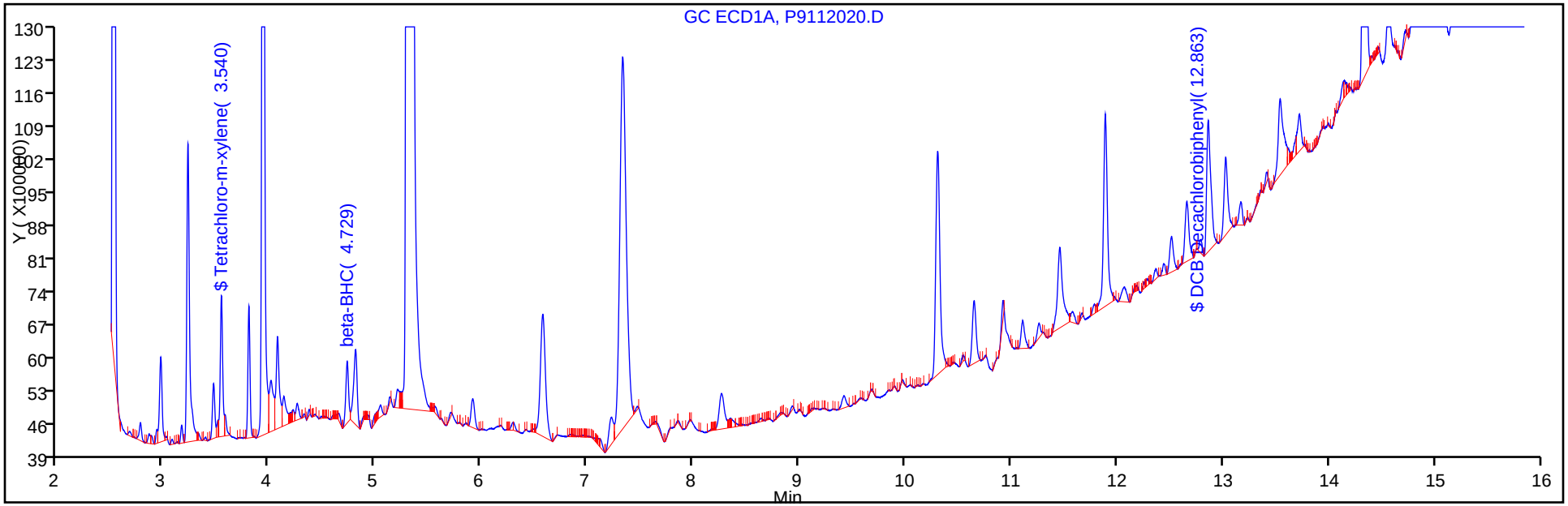
Processing Flags
1 - Missing Peaks

Report Date: 26-Nov-2012 09:35:52 Chrom Revision: 2.0 15-Nov-2012 14:43:54

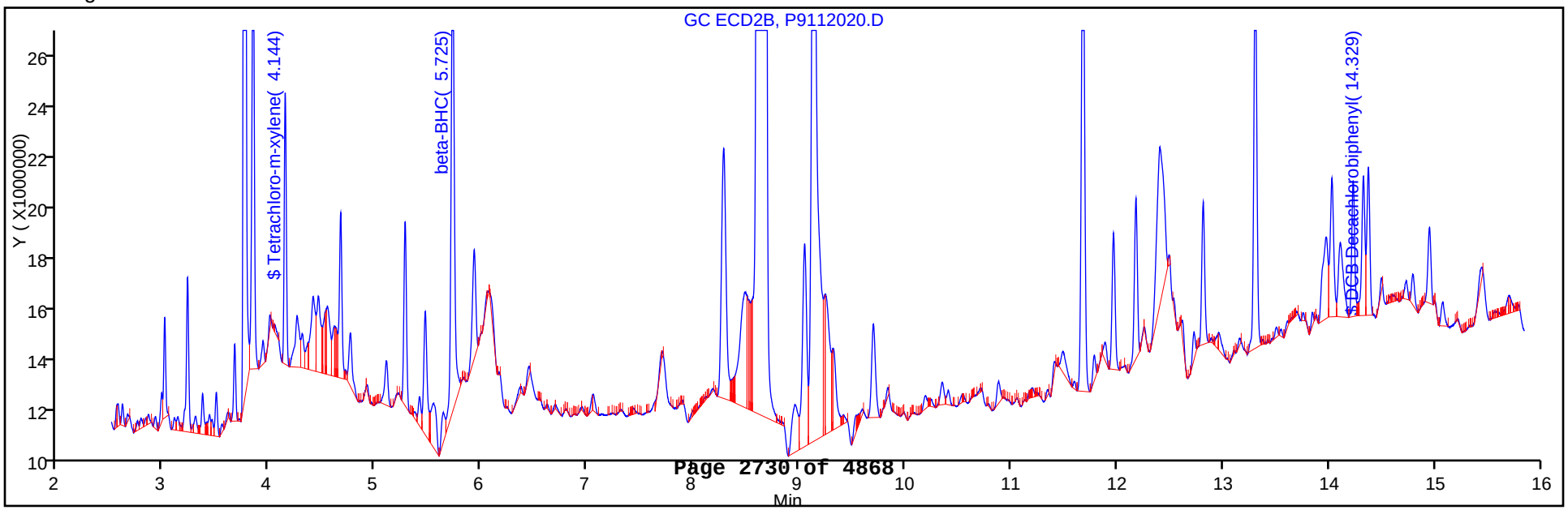
TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A2HP9\20121120-15112.b\P9112020.D		
Injection Date:	20-Nov-2012 15:31:48	Limit Group:	GC 8081 D0D ICAL
Client ID:	068SS-0004M-0001-SO	Instrument ID:	A2HP9
Lims Batch ID:	65793	Lims Sample ID:	20
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value



FORM I
GC SEMI VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Canton | Job No.: 240-17317-1

SDG No.:

Client Sample ID: 068SS-0004M-0001-SO | Lab Sample ID: 240-17317-8

Matrix: Solid | Lab File ID: P9112020.D

Analysis Method: 8081/DOD | Date Collected: 11/06/2012 12:00

Extraction Method: 3540C | Date Extracted: 11/16/2012 13:53

Sample wt/vol: 29.81(g) | Date Analyzed: 11/20/2012 15:31

Con. Extract Vol.: 10(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: | GPC Cleanup:(Y/N) N

Analysis Batch No.: 65793 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	LOQ	LOD	DL
72-54-8	4,4'-DDD	6.7	U	20	6.7	6.2
72-55-9	4,4'-DDE	6.7	U	17	6.7	3.9
50-29-3	4,4'-DDT	6.7	U	20	6.7	6.3
309-00-2	Aldrin	13	U	40	13	12
319-84-6	alpha-BHC	13	U	25	13	7.3
5103-71-9	alpha-Chlordane	13	U	30	13	9.5
319-85-7	beta-BHC	13	U	35	13	11
319-86-8	delta-BHC	13	U	40	13	12
60-57-1	Dieldrin	6.7	U	17	6.7	4.7
959-98-8	Endosulfan I	6.7	U	17	6.7	5.2
33213-65-9	Endosulfan II	13	U	25	13	8.3
1031-07-8	Endosulfan sulfate	13	U	30	13	8.8
72-20-8	Endrin	6.7	U	17	6.7	5.0
7421-93-4	Endrin aldehyde	13	U	30	13	10
53494-70-5	Endrin ketone	6.7	U	20	6.7	6.3
58-89-9	gamma-BHC (Lindane)	13	U	25	13	7.4
5103-74-2	gamma-Chlordane	6.7	U	17	6.7	4.2
76-44-8	Heptachlor	13	U	35	13	11
1024-57-3	Heptachlor epoxide	13	U	25	13	8.1
72-43-5	Methoxychlor	33	U	50	33	15
8001-35-2	Toxaphene	200	U	670	200	190

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	97		55-130
877-09-8	Tetrachloro-m-xylene	100		70-125

TestAmerica Canton
Target Compound Quantitation Report

Data File:	\\Ncchrom\ChromData\A2HP9\20121120-15112.b\P9112020.D		
Lims ID:	240-17317-A-8-E	Client ID:	068SS-0004M-0001-SO
Inject. Date:	20-Nov-2012 15:31:48	Dil. Factor:	10.0000
Sample Type:	Client		
Sample ID:	240-0015112-020		
Misc. Info.:			
Operator:	093905	Instrument ID:	A2HP9
Injection Vol:	1.0 ul	ALS Bottle#:	20
Lims Batch ID:	65793	Lims Sample ID:	20
Detector 1 :	GC ECD1A		
Detector 2 :	GC ecd2b		
Method:	\\Ncchrom\ChromData\A2HP9\20121120-15112.b\PEST9.m		
Last Update:	26-Nov-2012 09:35:47	Calib Date:	17-Nov-2012 20:09:29
Quant Method:	External Standard	Quant By:	Initial Calibration
Last ICal File:	\\Ncchrom\ChromData\A2HP9\20121116-15037.b\P9111710.D		
Limit Group:	GC 8081 D0D ICAL		
Integrator:	Falcon		
Column Type:		Column Dia:	
Process Host:	XAWRK030		
First Level Reviewer: vandorenc		Date:	26-Nov-2012 09:17:48

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 29 Tetrachloro-m-xylene									
1	100	3.540	3.540	0.000	4767485	0.002142			
2	100	4.144	4.143	0.001	14473518	0.001994			
						RPD = 7.13			
5 alpha-BHC									
1	100		4.225						
2	100		4.980						
20 gamma-BHC (Lindane)									
1	100		4.605						
2	100		5.550						
7 beta-BHC									
1	100	4.729	4.738	-0.009	2378981	0.001906			
2	100	5.725	5.730	-0.005	39106491	0.009528			
						RPD = 133.33			
11 delta-BHC									1
1	100		4.955						
2	100		6.295						
22 Heptachlor									
1	100		5.243						
2	100		6.396						
4 Aldrin									
1	100		5.704						
2	100		7.135						
23 Heptachlor epoxide									
1	100		6.961						
2	100		8.609						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
21 gamma-Chlordane									
1	100		7.273						
2	100		9.028						
6 alpha-Chlordane									
1	100		7.622						
2	100		9.337						
14 Endosulfan I									
1	100		7.897						
2	100		9.399						
2 4,4'-DDE									
1	100		7.995						
2	100		9.789						
13 Dieldrin									
1	100		8.455						
2	100		9.929						
17 Endrin									
1	100		8.906						
2	100		10.448						
1 4,4'-DDD									
1	100		9.263						
2	100		10.813						
15 Endosulfan II									
1	100		9.354						
2	100		10.813						
30 Toxaphene									
1	100		9.483						
1	2		10.023						
1	3		10.088						
1	4		10.669						
1	5		11.233						
2	100		10.385						
2	2		11.398						
2	3		11.748						
2	4		12.152						
2	5		12.536						
3 4,4'-DDT									
1	100		9.780						
2	100		11.295						
18 Endrin aldehyde									
1	100		10.141						
2	100		11.386						
27 Methoxychlor									1
1	100		10.722						
2	100		12.367						
16 Endosulfan sulfate									
1	100		10.860						
2	100		11.817						
19 Endrin ketone									
1	100		11.260						
2	100		12.555						

Det	Sig	RT	EXP RT	DLT RT	Response	On-Col Amt ng/ul	Ratio Range	Ratio	Flags
$ 10 DCB Decachlorobiphenyl									
1	100	12.863	12.861	0.002	7610018	0.003441			
2	100	14.329	14.327	0.002	11032773	0.001941			
						RPD = 55.74			

QC Flag Legend

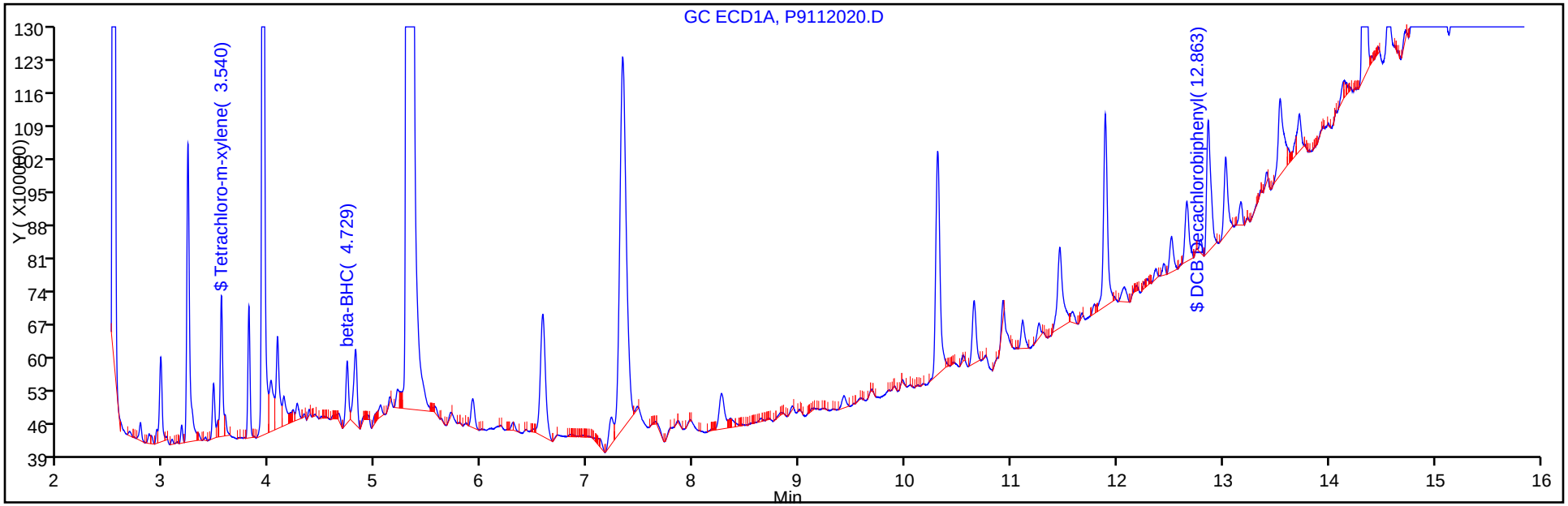
Processing Flags
1 - Missing Peaks

Report Date: 26-Nov-2012 09:35:53 Chrom Revision: 2.0 15-Nov-2012 14:43:54

TestAmerica Canton

Data File:	\\Ncchrom\ChromData\A2HP9\20121120-15112.b\P9112020.D		
Injection Date:	20-Nov-2012 15:31:48	Limit Group:	GC 8081 D0D ICAL
Client ID:	068SS-0004M-0001-SO	Instrument ID:	A2HP9
Lims Batch ID:	65793	Lims Sample ID:	20
Operator ID:	093905	Injection Vol:	1.0 ul
Column Type:		Column Dia:	

Y Scaling: Method Defined: Set to Absolute Y Value



Y Scaling: Method Defined: Set to Absolute Y Value