
**SITE CHARACTERIZATION REPORT FOR THE
FORMER FARRINGTON STREET GAS WORKS
QUEENS, NEW YORK**

Prepared For:



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SECTION 1

INTRODUCTION

1.1 SITE OVERVIEW

The Consolidated Edison Company of New York, Inc. (Con Edison) has entered into a Voluntary Cleanup Agreement with the New York State Department of Environmental Conservation (NYSDEC) to investigate, and if necessary, remediate potential impacts at former manufactured gas plant (MGP) properties. One of these facilities is the former Farrington Street Gas Works Site.

The former Farrington Street Gas Works (Site) is located at 31-06 to 31-24 and 31-37 to 31-53 Farrington Street, Queens, New York (Figure 1). For the purposes of describing the Site, it has been divided into Parcels 1, 2 and 3 (Figure 2). The Site consists of approximately 6.17 acres, which contains several commercial properties, identified as Block 4407 Lot 1, Block 4406 Lots 30, 32, and 99, and Block 4408 Lot 1. The Site is bordered to the north by 31st Road (formerly Bayside Avenue), to the east by Farrington and Linden Streets, and to the south by 32nd Avenue (formerly Myrtle Avenue). The western boundary of the Site is approximately 200 feet east of Downing Street. The Site is located approximately 2,000 feet northeast of Flushing Creek, 1,200 feet southwest of Mill Creek, and 4,000 feet east of Flushing Bay. According to the New York City Department of City Planning, the Site and northwestern, western, southwestern, and southern abutting properties are zoned as M2-1; medium manufacturing districts (medium performance), and the abutting properties east of Farrington Street are zoned as M1-1; light manufacturing districts (high performance) (ENSR, 2003).

In Parcel 1, the Site presently contains a Pathmark grocery and pharmacy, various stores, and a paved parking area. These properties were built in 1972 and are presently owned by Feinrose Associates (ENSR, 2003). Con Edison currently owns the portions of the Site located in Parcel 2. Parcel 2 consists of a mixed paved and gravel lot that is utilized as an equipment storage, a trailer storage, a material lay down area, and a vehicle storage yard/lot. Parcel 3 was previously investigated and an Interim Remedial Investigation (IRM) was implemented in 2002 and 2003 as furthered discussed in Section 1.5. Current Site operations in Parcel 3 include a Con Edison truck flush facility. Since Parcel 3 was the subject of a previous IRM, the Site characterization activities (and subsequently this Site Characterization Report) focus on Parcels 1 and 2.

Historical research was previously conducted, and documented in the Site History Research Report (ENSR, 2003). Based on historical operations, a Site Characterization of the former Farrington Street Gas Works Site was conducted to: (1) characterize and identify potential subsurface conditions that may pose a risk to human health and the environment; and (2) to ascertain the potential need for further investigation or remediation.

The Site Characterization was conducted by Parsons in April and July 2009. The field investigation activities and results are documented in this report as follows:

- Section 1: Introduction,
- Section 2: Site Characterization Activities,
- Section 3: Site Characterization Results,
- Section 4: Exposure Assessment,
- Section 5: Conclusions and Recommendations,
- Section 6: References,
- Appendix A: Soil Boring and Monitoring Well Logs,
- Appendix B: Test Pit Logs
- Appendix C: Groundwater Sampling Logs,
- Appendix D: Data Usability Summary Report,
- Appendix E: Drawing of Former MGP Structures, and
- Appendix F: Hydrocarbon Fingerprint Results.

1.2 ADJOINING PROPERTY DESCRIPTION

To the north, 31st Road (formerly Bayside Avenue) borders the Site, beyond which is a strip mall (built in 1974) containing several commercial properties, associated parking areas and Whitestone Bridge Boulevard. The intersection of 31st Road and Farrington Street abuts the Site to the northeast, beyond which is an office building and parking area. A Quick Lube and car wash, two residences, a warehouse and the intersection of 31st Drive and Farrington Street abut the Site to the east. Commercial and residential properties are situated southeast of the Site beyond the intersections of Farrington Street and 32nd Avenue and Linden Street and 32nd Avenue. 32nd Avenue borders the subject property to the south, beyond which are commercial properties such as a deli, antique shop, auto service, and several unidentified businesses. A gravel vehicle and equipment storage lot owned by Con Edison, a collision corporation (built 1979), a motor vehicle repair shop (built in 1969) and a lot owned by the NYSDEC abut the Site to the southwest and west. To the northwest, beyond 31st Drive, there is a large paved parking area and two strip malls (built 1966 and 1977) containing a Blockbuster, Laundromat, restaurants, a dentist office, a bedding service, and other commercial properties (ENSR, 2003).

1.3 SITE HISTORY

Historical research was previously conducted, and documented in the *Site History Research Report* (ENSR, 2003). Based on this report, the Site was owned and/or operated as an MGP by several different power companies between 1887 and the late 1940s. Prior to the initiation of manufactured gas operations in 1887, the original Site boundaries included a smaller tract of land (the southwestern portion of Parcel 2), which was originally subdivided into smaller private properties. Flushing Gas Light Company acquired portions of the original site property between 1859 and 1901 and operated the MGP until 1889. Between 1901 and 1905, Newton and Flushing Gas Company, a subsidiary of the New York and Queens Gas Co, operated the Site and MGP, in addition to expanding the property boundaries into the northwestern portion of Parcel 2 in 1901. In 1905, The New York and Queens Company acquired the portion of the property

previously owned by Flushing Gas Light Company and Newton and Flushing Gas Light Company. Between 1909 and 1921, New York and Queens Gas Company acquired and expanded the MGP into the eastern portions of Parcels 1 and 2. Con Edison then purchased Parcel 3 from New York and Queens Gas Company on February 26, 1924. Between 1924 and 1976, a three million cubic foot waterless gasholder and related equipment and structures occupied Parcel 3. After the MGP was retired in 1944, the holder on Parcel 3 was used for storage of gas that was produced at other Con Edison plants or purchased from other utilities. New York and Queens Gas Company merged with Con Edison on June 1, 1936, at which time Con Edison assumed operation of the MGP, then located in present-day Parcels 1, 2 and 3 (ENSR, 2003). Figure 2 depicts the approximate locations of the former historic structures at the Site.

1.4 TOPOGRAPHY, REGIONAL GEOLOGY, AND HYDROGEOLOGY

The Site is located in the northern portion of Queens County, which is characterized by low rolling hills overlooking and extending into the East River between various salt-water bays, of which Flushing Bay is the largest. The overall elevation of the Site and the surrounding properties is approximately 10 to 14 feet above mean sea level (amsl). A relatively narrow ridge, ranging in elevation from 160 to 260 feet amsl, trends approximately east-northeast in the central part of Queens County. This ridge, situated approximately 3,000 feet southeast of the Site, is part of the Harbor Hill Terminal Moraine, which marks the furthest advance of the Wisconsin Glaciation in this area. A plain slopes gently southward from the ridge to the Atlantic Ocean. Flushing Meadow, a large flat-bottomed valley, extends northward from this ridge to Flushing Bay on the East River (ENSR, 2003).

The Site lies in a relatively flat area approximately 2,000 feet northeast of Flushing Creek, 1,200 feet southwest of Mill Creek and 4,000 feet east of Flushing Bay. According to the NYSDEC, the surface water classification for Flushing Creek is Class I, described as saline surface waters which are best suited for secondary contact recreation and fishing, and are suitable for propagation and survival. Mill Creek is classified as Class C, which is described as saline surface waters, which are best used for fishing, and can be suitable for fish survival. A substantial portion of the precipitation runs off paved surfaces to sewers, and is discharged to the adjacent water bodies through the storm systems located in the adjacent roadways. Some precipitation infiltrates the ground surface in unpaved areas.

Based on information provided in the *Site History Research Report* (ENSR, 2003), a layer of low permeability glacial till material is likely to be present. The bedrock underlying the Site and surrounding properties consists of undifferentiated schists and gneisses with a depth to bedrock ranging from 35 to 45 feet below ground surface. The bedrock is overlain unconformably by Pleistocene glacial deposits and scattered postglacial material. The glacial deposits include ground moraine deposits, which is an unsorted and unstratified mixture of clay, sand, gravel, and boulders that were accumulated at the front of a continental glacier during a period of melting, specifically, the glacial period of the Wisconsin Age.

The Site and abutting properties are underlain by the Upper Glacial Aquifer in the Brooklyn/Queens Aquifer System. The Upper Glacial Aquifer in this location consists of glacial till. The unconsolidated sediments and glacial till aquifer underlying the Site are approximately

35 to 45 thick, and rests directly upon the bedrock surface. According to the NYSDEC, groundwater classification for the Flushing vicinity of Queens County is classified as Class GA for fresh groundwater. Groundwater in the vicinity of the subject property is not used for drinking water purposes. Residents of the area are connected to the New York City public water supply system (ENSR, 2003).

1.5 PREVIOUS INVESTIGATIONS/REMEDIAL MEASURES

In 2001, Con Edison contracted Parsons to conduct a Preliminary Site Assessment (PSA) of Parcel 3 where they intended to construct a new central collection facility (CCF) building and various below ground settlement basins and collection tanks to upgrade the existing truck flush facility. In anticipation of the construction activities associated with the flush truck facility upgrade project, a PSA was conducted to characterize and identify potential subsurface conditions in Parcel 3 that could pose a risk to the health and safety of Site workers and the public during those activities (Parsons, 2001). The PSA identified former gasholder-related structures (tar pumps, skimmer pumps, piping and tanks) and several areas within and outside of the proposed CCF building footprint that contained MGP-impacted soils.

To address the former MGP structures and impacted soils prior to construction of the new building, an Interim Remedial Measures (IRM) Work Plan (Parsons, 2002) was developed and approved by the NYSDEC. The IRM was subsequently conducted between November 2002 and March 2003 in accordance with the work plan. IRM activities are documented in the IRM Report (Parsons, 2004) and are summarized below;

- Approximately 6,355 tons of impacted soil was excavated at depths ranging from 4 to 18 feet below ground surface.
- The entire former gasholder concrete slab, foundation, and footers were removed.
- Several former belowground structures along the perimeter of the former gasholder (tar and skimmer pumps/tanks) were removed.
- Belowground piping associated with the former gasholder that was encountered during the IRM were removed or abandoned in place.
- Two 550-gallon former gas-oil underground storage tanks located in the northeast corner of Parcel 3 were removed.
- Approximately 1,435 tons of fill material were imported for backfill and site restoration.

The IRM also included implementation of a post-IRM monitoring plan, which involved installing seven new monitoring wells in Parcel 3. Since the well installations in 2004, sample events have taken place semi-annually on a two-year cycle. Eight wells (seven new wells and one existing well) have been used for this monitoring plan. The following summarizes results from the monitoring events conducted between 2004 and 2007:

- SVOCs, including potential MGP-related constituents, have not been detected at concentrations above the Ambient Water Quality Standards and Guidance Values (AWQSGVs) in six of the eight monitoring wells sampled over the four-year period.

Exceedances of Class GA Groundwater Standards/Guidance were limited to two monitoring wells, MW-9 and MW-10.

- VOCs have been consistently detected in MW-6, which is located near the upgradient property boundary. The detection of these VOCs in the upgradient portion of the Site indicates that there may be an upgradient or non-MGP-related source of these constituents. The detection of MTBE and CVOCs, which are not typical MGP-related compounds, in MW-6 provides further indication of an off-property or non-MGP related source of VOCs.
- The concentrations of total VOCs and BTEX compounds have generally been consistent over the four-year period.
- A year to year comparison of results between 2004 and 2007, considering the potential for seasonal variability, indicate that groundwater flow and groundwater quality across the Site is generally consistent.

Based on observations and results through 2007, two additional years of semi-annual sampling was recommended in January 2008 to further monitor and evaluate groundwater quality at the Site ([Parsons, 2008a](#)).

No previous investigations have been conducted in Parcels 1 or 2 based on available Site information.

SECTION 2

SITE CHARACTERIZATION ACTIVITIES

The following sections describe the field investigation activities conducted as part of the Site Characterization. Field investigation activities were conducted by Parsons between April and July 2009 in accordance with the NYSDEC and New York State Department of Health (NYSDOH)-approved *Site Characterization Work Plan* (Parsons, 2008b). The scope of field investigation activities included the installation of test pits, soil borings, and monitoring wells. In addition, soil and groundwater were collected for laboratory analysis. During all ground intrusive activities, a Community Air Monitoring Plan was implemented in accordance with the approved Site Characterization Work Plan. Sampling locations are shown on [Figure 3](#). [Table 1](#) provides a summary of the samples and analyses.

2.1 SITE INSPECTION AND PRELIMINARY INVESTIGATION ACTIVITIES

A Site inspection was conducted to refine the locations of the proposed investigation points and as-built diagrams were reviewed for access, feasibility, occupant health and safety, and worker health and safety. The proposed scope of work was reviewed with representatives of the Con Edison facility. Proposed locations and proposed methods were altered in the field, as necessary, based on site conditions, access, utilities, and safety. The modifications to the sampling locations are further discussed below. Sampling location changes were made in consultation with Con Edison and/or the NYSDEC.

2.2 UTILITY CLEARANCE

To verify the absence of subsurface utilities at each of the drilling locations, utility clearance test pits were excavated. Utility clearance test pit excavation entailed cutting and removing surface material and hand excavating the underlying materials. The typical utility clearance test pit excavation consisted of saw-cutting the surface materials, jack-hammering the concrete, and hand excavating with the aid of a vacuum truck, hand auger and or other digging tools to depths ranging from 5 to 9 feet bgs. During test pit excavation activities, soil samples were screened for VOCs using an organic vapor meter equipped with a photoionization detector (PID), their physical characteristics (e.g., soil type, grain size, color, etc.) described, and any evidence of physical impacts (staining, odor, sheen, free product, etc.) were recorded on the boring/well logs provided in [Appendix A](#).

2.3 TEST PIT EXCAVATION

A total of eleven investigation test pits were advanced in six areas (TP-10, TP 11, TP-12A, TP-12B, TP-13S, TP-13N, TP-14E, TP-14W, TP-14A, TP-14B, and TP-15) to determine whether MGP structure remnants and/or impacted subsurface materials were present. The test pit locations are shown on [Figure 3](#). The test pits were excavated to depths ranging from 2.5 to 13.5 feet bgs using a backhoe and/or hand excavation methods. During the test pit investigation, subsurface utilities/pipes were encountered. Therefore, some of the test pits were excavated by

hand for safety purposes. Since a backhoe was not utilized, some test pits were subdivided into smaller test pit excavations (e.g., TP-13S and TP-13N).

During excavation, the excavated soil was temporarily placed on impervious plastic sheeting adjacent to the test pit and put back into the excavation in the reverse order from which it was removed. While the test pits remained open, the subsurface conditions were logged and photographed, test pit walls and floors were inspected for evidence of MGP-related impacts (e.g., odors, staining, sheens, NAPL, PID readings above background levels), soil samples were collected and the dimensions of any subsurface features were measured. The soil characteristics, PID, and visual/odor inspection results (including photographs taken during the excavation) are summarized in the test pit logs provided in [Appendix B](#).

In general, soil samples were collected from the bottom and sidewalls of the test pit to confirm that the soil had not been impacted by MGP operations. In some test pits, the vertical extent of impacts could not be confirmed due to test pit depth limitations. At these locations, bottom samples were not collected from the test pit. Soil borings were installed (See [Section 2.4](#)) to confirm the vertical extents of impacts. The samples were submitted for laboratory analysis for Target Compound List (TCL) VOCs by EPA Method 8260, TCL SVOCs by EPA Method 8270, TAL metals by EPA Method 6000/7000 Series, and cyanide by EPA Method 9012. A summary of subsurface samples collected and analyzed can be found in [Table 1](#).

2.4 SOIL BORING INSTALLATION

A total of eighteen soil borings were advanced to depths ranging from 7 to 38 feet bgs during the Site Characterization activities. Soil boring locations are shown on [Figure 3](#) and the corresponding boring logs are presented in [Appendix A](#). Based on site conditions and observations during implementation of Site Characterization activities at the Site, additions/modifications to the work plan we made. They are summarized below;

- SB-18 was shifted north based on observations in TP-15.
- SB-21 was shifted southeast. Refusal on concrete (suspected holder foundation) was encountered during installation of utility clearance test pit at ~3.5 ft bgs. Could not hand clear to depth require by utility clearance protocols (minimum depth of 5 ft bgs) due to concrete. Therefore, boring location was shifted.
- SB-22 was shifted northeast. Refusal on concrete (suspected holder foundation) was encountered during installation of utility clearance test pit at ~4 ft bgs. Could not hand clear to depth require by utility clearance protocols (minimum depth of 5 ft bgs) due to concrete. Therefore, boring location was shifted.
- SB-23 was added to the scope of work. The vertical extent of impacts could not be confirmed in test pit TP-10 due to test pit depth limitations (i.e., limit of equipment). Soil boring SB-23 was installed to confirm the vertical extents of impacts.

- SB-24 was added to the scope of work. Soil boring SB-24 was added to identify potential subsurface impacts in the area.
- SB-25 was added to the scope of work. Soil boring SB-20 could not be advanced to full depth due to refusal on concrete (suspected holder foundation) and H&S concerns associated with drilling through the concrete. Soil boring SB-25 was added downgradient of the holder to identify potential subsurface impacts in this area.
- SB-26 was added to the scope of work. Soil borings SB-21 and SB-22 were shifted outside of the holder foundation. Soil boring SB-26 was added to provide improved aerial coverage around the outside of the holder foundation.
- SB-27 and SB-28 were added to the scope of work. NAPL was noted during the installation of monitoring well MW-19. Soil borings SB-27 and SB-28 were installed to determine the nature and extent of MGP residues, NAPL and other constituents east and west of monitoring well MW-19.
- SB-29 was added to the scope of work. Soil boring SB-29 was added to provide improved aerial coverage around the outside of the holder foundation.
- SB-30 was added to the scope of work. NAPL was noted during the installation of monitoring well MW-16. Soil boring SB-30 was installed to determine the nature and extent of MGP residues, NAPL and other constituents southeast of monitoring well MW-16.
- SB-31 through SB-33 were added to the scope of work. NAPL was noted during the installation of soil boring SB-23 and monitoring wells MW-14 and MW-15. Soil borings SB-31 through SB-33 were installed to determine the nature and extent of MGP residues, NAPL and other constituents south of soil boring SB-23 and monitoring wells MW-14 and MW-15.
- SB-34 was added to the scope of work. NAPL was noted during the installation of monitoring well MW-15. Soil boring SB-34 was installed to determine the nature and extent of MGP residues, NAPL and other constituents west of monitoring well MW-15.

Soil samples were collected on a continuous basis using a 5-foot long, 2-inch diameter, Macro-Core or 2-foot long, 2-inch diameter, split-spoon samplers. Each sample was screened for the presence of VOCs using a PID and logged. Physical characteristics of each sample were recorded (e.g., soil type, color, texture, moisture content, etc.), along with physical evidence of any impacted material (e.g., oil-like or tar-like NAPL, staining, sheens, odors, etc).

Soil samples were submitted to the laboratory and analyzed for TCL VOCs, TCL SVOCs, cyanide, and target analyte list (TAL) metals. A summary of the soil samples collected and analyses performed is provided in [Table 1](#). In general, the following soil samples from the borings were selected for laboratory analysis:

- One sample was collected from the zone with the highest PID readings. If elevated PID readings were not observed, a sample was collected from the upper portion of the boring or directly above the water table (if present).
- If impacts were observed, an additional sample was collected below the impacted zone (if possible) or near the base of the boring to identify the vertical extent of apparent impacts at that location.

Non-disposable drilling and sampling equipment was decontaminated between boring locations using a tap water/Simple Green® solution. Drill cuttings and decontamination water was containerized in 55-gallon steel drums and handled as described in [Section 2.8](#).

2.5 MONITORING WELL INSTALLATION

Nine monitoring wells (MW-13 through MW-21) were installed during the Site Characterization activities at the locations shown on [Figure 3](#). Three of the monitoring wells, MW-13, MW-14 and MW-20, were relocated from their proposed locations. Monitoring well MW-13 was shifted northwest due to access restrictions and subsurface conditions. Monitoring wells MW-14 and MW-20 were relocated east due to access restrictions. The final monitoring well locations are shown on [Figure 3](#) and the corresponding boring/monitoring well construction logs are provided in [Appendix A](#).

The monitoring well borings were advanced to depths ranging from 22 to 30 feet bgs using 4.25-inch outside diameter hollow stem augers and a track-mounted or truck mounted drill rig. Soil samples were collected from monitoring well borings on a continuous basis and screened for the presence of VOCs using a PID. Soil samples were selected for analysis as described above in [Section 2.4](#).

The monitoring wells were constructed with 2-inch ID, threaded, flush-joint, PVC casing and 10 feet of 0.02-inch slot screens. The annular space around each well screen was backfilled with a No. 2 sand filter pack extending from the bottom of the well to at least 1.5 feet above the top of the screen. The annular space around the well riser was sealed with at least 1 foot of hydrated bentonite pellets on top of the sand pack. The remainder of the boring was backfilled with cement-bentonite grout to approximately 1 foot below grade. Each of the wells was finished with a locking, flush-mount box set in concrete.

Well development was monitored approximately every 5 minutes by reviewing water quality indicator measurements (i.e., pH, turbidity, temperature, and specific conductivity). Well development continued until turbidity was less than 50 nephelometric turbidity units (NTUs) for three successive readings or until water quality indicators stabilized, whichever occurred first. The criteria for stabilization based on water quality indicators were three successive readings within 10% for pH, temperature, and specific conductivity.

Non-disposable drilling equipment was decontaminated between monitoring well locations by using a tap water/Simple Green® solution. Monitoring well drill cuttings, well development water, and decontamination water was containerized in 55-gallon steel drums and handled as described in [Section 2.8](#).

2.6 SURVEYING

At the completion of drilling activities, a licensed New York State land surveyor identified the horizontal and vertical locations of each new soil boring, monitoring well and test pit. Two elevation measurements were taken at each well location to identify the top of the PVC casing and the grade elevation. The survey elevations were measured to an accuracy of 0.01 feet above the National Geodetic Vertical Datum of 1988 (NGVD 1988).

2.7 GROUNDWATER SAMPLING

In June 2009, groundwater samples were collected from the nine new monitoring wells (MW-13 through MW-21). Prior to collecting samples, the depth to groundwater was measured in the new monitoring wells and existing monitoring wells on Parcel 3 using an electronic oil/water interface probe attached to a measuring tape accurate to 0.01 foot. [Table 2](#) provides a summary of the groundwater level measurements and elevations.

Prior to sampling, each well was purged using a submersible pump and by removing a minimum of three times the volume of standing water to allow for collection of a representative sample. During the purging process, water quality parameters including temperature, conductivity, pH, dissolved oxygen, oxidation reduction potential (ORP), and turbidity were measured approximately every 5 minutes. Groundwater samples were collected using a low-flow submersible pump with dedicated tubing. Water quality parameter measurements and observations recorded during sampling are documented on the groundwater sampling records provided in [Appendix C](#).

Each well was sampled using low-flow purging and sampling techniques. Groundwater samples were collected directly into laboratory supplied sample bottles using dedicated, Teflon-lined sample tubing and a submersible pump. The samples were submitted to Chemtech laboratories for the following analysis: TCL VOCs, TCL SVOCs, TAL metals, total cyanide. Non-dedicated sampling equipment (e.g., oil/water interface probe) was decontaminated between sampling locations. Decontamination water was placed in 55-gallon drums and handled as described in [Section 2.8](#).

2.8 MANAGEMENT OF INVESTIGATION-DERIVED WASTE

Investigation-derived waste (IDW), which included decontamination wash and rinse water, soil cuttings, purge water, debris, and used personal protective equipment (PPE), was containerized in Department of Transportation (DOT)-approved 55-gallon drums or roll-offs. The drums were sealed at the end of each work day and labeled with the date, the well or boring number(s), and the type of waste (i.e., drill cuttings, purge water, etc.). Parsons collected representative waste characterization samples of the IDW and coordinated transportation and disposal. IDW was disposed of at an offsite Con Edison-approved location according to applicable local, state, and federal regulations.

2.9 DATA VALIDATION AND REPORTING

Data validation was performed in accordance with the USEPA Region II standard operating procedures (SOPs) for organic and inorganic data review. These validation guidelines are

regional modifications to the National Functional Guidelines for organic and inorganic data review (USEPA 1999 and 2004). Validation included the following:

- verification of 100% of all quality control (QC) sample results (both qualitative and quantitative);
- verification of the identification of 100% of all sample results (both positive hits and non-detects);
- recalculation of 10% of all investigative sample results; and
- preparation of a Data Usability Summary Report (DUSR).

The quality of the data has been assessed and is documented in the DUSR provided in [Appendix D](#). In summary, the results of the data usability assessment show that the analytical data for soil and groundwater collected are valid for the intended purposes of the Site Characterization.

SECTION 3

SITE CHARACTERIZATION RESULTS

This section presents the results of the Site Characterization. Analytical results for samples collected during the Site Characterization have been summarized on [Tables 3 and 4](#) and [Figures 4 and 5](#).

3.1 SITE GEOLOGY

The geology encountered in soil borings and test pits during the Site Characterization is summarized in the logs provided in [Appendices A and B](#). The logs show that the upper 3 to 11 feet contained fill materials (generally sand, gravel and silt with cobbles, cement, and brick fragments). Deposits of fine to course-grained sand with some silt and gravel underlie the fill. Soil boring logs generated during the Site Characterization were used to develop two representative cross sections. A northwest to southeast cross-section of the Site is shown on [Figure 6](#) (cross section A-A') and a southwest to northeast cross-section is shown on [Figure 7](#) (cross sections B-B').

3.2 FORMER GAS WORKS STRUCTURES

The test pitting and soil boring activities conducted during the Site Characterization confirmed that below-grade MGP structure remnants are present at the Site. Former MGP structures identified in the Site History Report ([ENSR, 2003](#)) are depicted on Figure 2. In addition, a drawing that shows former MGP structures was located during the Site characterization. This drawing is included as [Appendix E](#). A summary of below-grade structures encountered during the Site characterization is provided below.

- Cast iron piping, believed to be associated with former MGP operations, was observed in the instillation of MW-16. No staining or sheens were observed in the vicinity of the piping.
- During excavation of test pit TP-11, a brick wall, concrete wall and several metal structures were encountered. These structures may be associated with the former coal storage area or tar separator ([Appendix E](#)).
- During the excavation of test pit TP-12A a suspected former tar tank was encountered which contained brick, construction debris and a perched water table. The bottom of the tar tank was not exposed. During excavation of TP-12B a concrete structure was encountered. It is suspected this concrete structure is associated with the former new pumphouse.
- During the excavation of the test pits (TP-14 series) and soil borings in the vicinity of the large steel gasholder in the northeastern portion of Parcel 2, the holder foundation was encountered. The foundation of the steel gasholder appears to be located approximately 4 feet below ground surface, approximately 127 feet in diameter, and

generally flat. Remnants of the gasholder walls were not encountered in any of the soil borings or test pits.

- During the excavation of test pit TP-15, a concrete foundation was encountered at the northern end of the test pit. The concrete foundation may be associated with the former gas house.
- The suspected foundation of a gasometer was encountered during the hand clearance of soil boring SB-20. Refusal was encountered at approximately seven feet below ground surface during three separate attempts to hand clear soil boring SB-20.
- Cast iron piping, believed to be associated with former MGP operations, was observed during hand clearances at monitoring well location MW-16. No staining or sheens were observed in the vicinity of the piping.

3.3 SITE HYDROGEOLOGY

Groundwater was encountered beneath the Site at elevations ranging from -1.32 to 1.00 foot amsl, approximately 11 to 15 feet bgs. The depth to groundwater was gauged in the nine new monitoring wells (MW-13 through MW-21) and eight existing monitoring wells from Parcel 3 (MW-3, MW-6, MW-7, MW-8, MW-9, MW-10, MW-11A, and MW-12) on June 17, 2009. The groundwater levels and corresponding elevations are summarized in [Table 2](#) and on the groundwater contour map ([Figure 8](#)). The groundwater contours based on the June 2009 gauging event indicate a generally southeasterly groundwater flow.

3.4 SOIL SAMPLE RESULTS

A total of 69 soil samples (including duplicates) were collected from the test pits, soil borings, and monitoring well borings completed as part of the Site Characterization. In general, soil samples were analyzed for TCL VOCs, SVOCs, TAL metals, and cyanide as described in [Section 2](#). The analytical results of the soil samples are summarized in [Table 3](#). The soil sample results have been compared to the Unrestricted Soil Cleanup Objectives (USCOs) provided by NYSDEC in 6 NYCRR Part 375 ([NYSDEC, 2006](#)). However, USCOs assume there are no imposed restrictions on the use of the Site. The Site is used for commercial/industrial purposes, portions of the Site are paved or covered with buildings, and access is restricted to a vast majority of the Site via a fence around the Con Edison property. Therefore, comparison of soil sample results to the USCOs is conservative. PID readings, visual observation, and analytical results from the exterior subsurface soil investigation are summarized below.

PID Readings/NAPL/Hydrocarbon Fingerprinting Results

PID readings for soil samples collected during exterior soil boring/monitoring well installations ranged from 0.0 to 1,810 ppm above background. The highest PID reading was detected in soil boring MW-16 at 3 to 7.5 feet bgs. NAPL was observed at SB-17 (13-17'), SB-19 (13.5-22'), SB-22 (14.5-17.5'), SB-23 (10.5-19' and 24-24.5'), SB-25 (14.5-20.5' and 28-30'), SB-26 (15-16'), MW-14 (12-22'), MW-15 (14.5-20'), MW-16 (14-20' and 22-24'), MW-18 (16.5-20'), and MW-19 (15-21').

Samples of soil containing NAPL from monitoring well soil borings MW-16 and MW-19 were collected and submitted to META Environmental for forensic hydrocarbon fingerprint analysis by modified Method 8100. The laboratory reports for these fingerprint analyses are provided in [Appendix F](#). The reports indicate that these samples contained both petrogenic and pyrogenic material. The pyrogenic materials were similar in nature to tars formed from manufactured gas plants utilizing carbureted water gas processes. Two additional soil samples were collected as submitted for hydrocarbon fingerprint analysis, SB-34 (8-13') and TP-10 (13.5'). Consistent with samples from MW-16 and MW-19, these samples contained both petrogenic and pyrogenic material and were similar in nature to tars formed from manufactured gas plants utilizing carbureted water gas processes.

VOCs

VOCs at concentrations exceeding the USCOs were detected in 18 of 69 subsurface soil samples. All of the exceedances were for BTEX compounds and acetone. Acetone is a common laboratory contaminants and not considered to be an MGP related compound. Total VOC concentrations ranged from non-detect to 1,375.69 ppm which was detected in soil sample SB-25 (28-33'). This sample was also the deepest sample collected with detected VOC concentrations above USCOs. No VOCs were detected above USCOs at the next sample interval (33-38') in SB-25. The vertical extent of impacts were delineated at each soil and monitoring well boring location (i.e., no USCOs were exceeded in the deepest sample collected).

SVOCs

SVOCs at concentrations exceeding the USCOs were detected in 22 of the 69 soil samples analyzed for SVOCs. Total SVOC concentrations ranged from non-detect to 8,236 ppm which was detected in soil sample SB-25 (28-33'). This sample was also the deepest sample collected with detected SVOC concentrations above USCOs. No SVOCs were detected above USCOs at the next sample interval (33-38') in SB-25. The vertical extent of impacts were delineated at each soil and monitoring well boring location (i.e., no USCOs were exceeded in the deepest sample collected).

Metals and Cyanide

Analytical results for subsurface soil samples indicated the presence of eight metals at concentrations that exceeded their respective USCOs. Metals are a primary component of naturally occurring soil and are typically detected in soil used for fill in urban areas. No USCOs for cyanide are provided in 6 NYCRR Part 375.

3.5 GROUNDWATER SAMPLE RESULTS

A total of ten groundwater samples (including duplicate samples) were collected during the RI and analyzed for TCL VOCs, TCL SVOCs, TAL metals, and total cyanide. Laboratory analytical results for constituents detected in the groundwater samples are summarized in [Table 4](#). For evaluation purposes, analytical results were compared with Class GA groundwater quality standards (GWQS) and guidance values contained in NYSDEC Technical and Operational Guidance Series (TOGS) 1.1.1 ([NYSDEC, 1998](#)). These standards and guidance

values are protective of groundwater quality assuming that groundwater is used as a source of drinking water. That assumption is not applicable to the Site because groundwater is not used as a source of drinking water. Accordingly, the use of Class GA standards and guidance values for comparison to Site groundwater is conservative. [Figure 9](#) summarizes total VOC and SVOC concentrations for groundwater samples collected from each well. Field measurements and observations as well as analytical results from the groundwater investigation are summarized below.

Field Measurements

During groundwater sampling activities, each monitoring well was monitored for the presence of NAPL. Light Non-Aqueous Phase Liquid (LNAPL) was observed in well MW-14 (less than 1-inch). No sheens were noted in any of the wells. Visual descriptions and observations made during the groundwater sampling activities are presented on the groundwater sampling records provided in [Appendix C](#).

VOCs

Nine VOCs were detected in groundwater samples at concentrations exceeding the Class GA GWQS. Compounds exceeding the Class GA GWQS included BTEX compounds, isopropylbenzene, MTBE, and two chlorinated compounds (cis-1,2-dichloroethene and vinyl chloride) which are not considered MGP-related compounds. The highest concentration of total VOCs was detected in monitoring well MW-16. VOCs were not detected in two monitoring wells, MW-13 and MW-21. Groundwater analytical results are summarized in [Table 4](#) and on [Figure 9](#).

SVOCs

Ten SVOCs (1,1-Biphenyl, pentachlorophenol, phenol, acenaphthene, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, chrysene, naphthalene, and phenanthrene) were detected at concentrations exceeding the Class GA GWQS. The highest concentration of total SVOCs was detected in monitoring well MW-19. Groundwater analytical results are summarized in [Table 4](#) and on [Figure 9](#).

Metals and Cyanide

Analytical results indicate the presence of nine metals (arsenic, chromium, iron, lead, magnesium, manganese, nickel, selenium, and sodium) in groundwater samples that exceeded their respective Class GA GWQS.

SECTION 4

EXPOSURE ASSESSMENT

Information collected during the Site Characterization on Parcels 1 and 2 has been used to qualitatively assess potential exposure pathways for the various detected compounds in Site soils and groundwater. The Site is located in a highly urbanized area and is zoned for commercial/industrial use. Retail commercial businesses occupy the area of Parcel 1. Therefore, the current surface at Parcel 1 is largely covered by asphalt parking lots, concrete sidewalks and buildings. Parcel 2 is utilized as an equipment storage, trailer storage, material lay down area, and vehicle storage yard/lot. The current surface of Parcel 2 is largely covered by gravel.

Results from several subsurface soil samples indicate the presence of NAPL-impacted soils as well as VOC and SVOC concentrations above the USCOS. The highest total VOC and SVOC concentrations noted during the Site Characterization were 1,375.69 mg/kg and 8,236 mg/kg, respectively in soil boring SB-25. Individual exceedances of the USCOS were detected at depths ranging from 2.8 feet bgs in test pit TP-15 to 33 feet bgs in soil boring SB-25. Exceedances were detected throughout the majority of Parcel 2 and at MW-19 in Parcel 1 (i.e., the southern portion of Parcel 1 downgradient of the former oil tanks). Impacts to soil do not appear to extend east under Farrington Street or to the south sidewalk of 32nd Avenue. However, impacts may be present under the sidewalks on the north side of 32nd Avenue. Shallow impacted materials may be encountered during maintenance activities (e.g. utility work).

Groundwater results identified VOC and SVOC concentrations exceeding the Class GA GWQS and guidance values at the Site. Groundwater at the Site is currently not used for a potable water source and there are not plans for future use of potable or commercial/industrial groundwater at the Site. Groundwater appears to flow southeast based on well gauging data from June 17, 2009 and several well gauging events at Parcel 3. The depth to groundwater at the Site ranges from approximately 11 to 15 feet bgs. Therefore, potential exposure to groundwater during intrusive subsurface activities (e.g., repair of underground utilities) is not likely at these locations. Surface water and sediment are not present at the Site.

Soil vapor intrusion may be a potential exposure pathway at Parcel 1 and Parcel 2. Impacts were noted at MW-19, which is located in close proximity to the building on Parcel 1, and at MW-14, which is located in close proximity to the permanent building on Parcel 2. Samples to assess the soil vapor intrusion pathway were not collected during the Site characterization. The remaining structures on Parcel 2 are field offices consisting of mobile trailers that are tire mounted and approximately three feet above grade, thus minimizing concerns related to soil vapor.

SECTION 5

CONCLUSIONS AND RECOMMENDATIONS

5.1 CONCLUSIONS

The following conclusions have been made based on the results of the Site Characterization presented herein:

- Remnants of the former MGP structures and associated equipment are present on the Con Edison property. MGP related impacts associated with these structures were identified.
- NAPL was encountered at several locations during the Site Characterization. Hydrocarbon fingerprint analysis results indicate the NAPL is similar in nature to tars formed from manufactured gas plants utilizing carbureted water gas processes. Carbureted water gas was produced at the Site from 1899 until the late 1940's.
- The extent of NAPL was bounded during Site Characterization activities.
- MGP related impacts were encountered in groundwater during the Site Characterization above the Class GA GWQS and guidance values.
- MGP related impacts were encountered in Site soil at concentrations exceeding 6 NYCRR Part 375 USCOs during the Site Characterization.

5.2 RECOMMENDATIONS

Due to the VOC and SVOC concentrations detected in both soil and groundwater and the presence of NAPL in the vicinity of and beneath the former Farrington Street Gas Works Site, further investigation is warranted.

Additional groundwater monitoring wells and sampling is recommended to delineate the extent of impacts. Groundwater monitoring of existing Site monitoring wells is also recommended to confirm the VOC and SVOC concentrations detected during the Site characterization. This information will be used to assist in determining the groundwater plume extent and whether groundwater impacts are increasing or decreasing. Furthermore, an additional round of comprehensive well gauging will be conducted to confirm groundwater flow direction at the Site.

Additional soil borings are recommended to delineate the extents of impacts in the vicinity of monitoring wells MW-14 and MW-19, soil boring SB-23, and the former oil tanks on Parcel 1.

Evaluation of the potential soil vapor intrusion pathway on Parcel 1 due to impacts noted at monitoring well MW-19 is also recommended.

Based on the findings of the SC activities, a Remedial Investigation (RI) Work Plan will be prepared and submitted for the NYSDEC's review. The RI Work Plan will provide a detailed scope of the proposed additional remedial investigation activities consistent with the above recommendations.

SECTION 6

REFERENCES

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TABLES

Table 1
Summary of Samples
Farrington Street MGP Site
Consolidated Edison of New York

Location	Sample ID	Sampling Depth (feet)	TCL VOCs	TCL SVOCs	Inorganics	Hydrocarbon Fingerprint
Soil Samples						
MW-13	MW-13 (18-20)	18-20	X	X	X	--
	MW-13 (24-26)	24-26	X	X	X	--
MW-14	MW-14 (14-16)	14-16	X	X	X	--
	MW-14 (24-26)	24-26	X	X	X	--
MW-15	MW-15 (14-16)	14-16	X	X	X	--
	MW-15 (28-30)	28-30	X	X	X	--
MW-16	MW-16 (6)	6	X	X	X	--
	MW-16 (8-10)	8-10	X	X	X	--
	MW-16 (14-16)	14-16	X	X	X	X
	MW-16 (28-30)	28-30	X	X	X	--
MW-17	MW-17 (14-16)	14-16	X	X	X	--
	MW-17 (22-24)	22-24	X	X	X	--
MW-18	MW-18 (14-16)	14-16	X	X	X	--
	MW-18 (22-24)	22-24	X	X	X	--
MW-19	MW-19 (16-18)	16-18	X	X	X	X
	MW-19 (28-30)	28-30	X	X	X	--
MW-20	MW-20 (14-16)	14-16	X	X	X	--
	MW-20 (14-16) Dup ⁽¹⁾	14-16	X	X	X	--
	MW-20 (22-24)	22-24	X	X	X	--
MW-21	MW-21 (12-14)	12-14	X	X	X	--
	MW-21 (20-22)	20-22	X	X	X	--
SB-17	SB-17 (13-18)	13-18	X	X	X	--
	SB-17 (28-33)	28-33	X	X	X	--
SB-18	SB-18 (8-13)	8-13	X	X	X	--
	SB-18 (8-13) Dup ⁽¹⁾	8-13	X	X	X	--
	SB-18 (18-22)	18-22	X	X	X	--
SB-19	SB-19 (13-18)	13-18	X	X	X	--
	SB-19 (28-33)	28-33	X	X	X	--
SB-21	SB-21 (13-18)	13-18	X	X	X	--
	SB-21 (28-33)	28-33	X	X	X	--
	SB-21 (28-33) Dup ⁽¹⁾	28-33	X	X	X	--
SB-22	SB-22 (16-18)	16-18	X	X	X	--
	SB-22 (26-28)	26-28	X	X	X	--
SB-23	SB-23 (13-18)	13-18	X	X	X	--
	SB-23 (28-33)	28-33	X	X	X	--
SB-24	SB-24 (10-12)	10-12	X	X	X	--
	SB-24 (12-14)	12-14	X	X	X	--
SB-25	SB-25 (13-18)	13-18	X	X	X	--
	SB-25 (28-33)	28-33	X	X	X	--
	SB-25 (33-38)	33-38	X	X	X	--
SB-26	SB-26 (14-16)	14-16	X	X	X	--
	SB-26 (24-26)	24-26	X	X	X	--
SB-27	SB-27 (18-23)	18-23	X	X	X	--
	SB-27 (23-28)	23-28	X	X	X	--

Table 1
Summary of Samples
Farrington Street MGP Site
Consolidated Edison of New York

Location	Sample ID	Sampling Depth (feet)	TCL VOCs	TCL SVOCs	Inorganics	Hydrocarbon Fingerprint
SB-28	SB-28 (18-23)	18-23	X	X	X	--
	SB-28 (23-28)	23-28	X	X	X	--
	SB-28 (23-28) Dup ⁽¹⁾	23-28	X	X	X	--
SB-29	SB-29 (18-23)	18-23	X	X	X	--
	SB-29 (23-28)	23-28	X	X	X	--
SB-30	SB-30 (13-18)	13-18	X	X	X	--
	SB-30 (23-28)	23-28	X	X	X	--
SB-31	SB-31 (8-13)	8-13	X	X	X	--
	SB-31 (23-28)	23-28	X	X	X	--
SB-32	SB-32 (8-13)	8-13	X	X	X	--
	SB-32 (23-28)	23-28	X	X	X	--
SB-33	SB-33 (13-18)	13-18	X	X	X	--
	SB-33 (28-33)	28-33	X	X	X	--
SB-34	SB-34 (8-13)	8-13	X	X	X	X
	SB-34 (23-28)	23-28	X	X	X	--
TP-10	TP-10 (13.5)	13.5	--	--	--	X
TP-11	TP-11 (7-8)	5	X	X	X	--
TP-12	TP-12 (2.5)	2.5	X	X	X	--
	TP-12 (5)	5	X	X	X	--
	TP- 12-1(3.5)	3.5	X	X	X	--
TP-13	TP-13N (5.5)	5.5	X	X	X	--
	TP-13S (4)	4	X	X	X	--
TP-14	TP-14E (5.5)	5.5	X	X	X	--
	TP-14W (5.5)	5.5	X	X	X	--
TP-15	TP-15 (2.5)	2.5	X	X	X	--
	TP-15 (5)	5	X	X	X	--
Groundwater Samples						
MW-13	MW-13	--	X	X	X	--
MW-14	MW-14	--	X	X	X	--
	MW-114 Dup ⁽¹⁾	--	X	X	X	--
MW-15	MW15	--	X	X	X	--
MW-16	MW-16	--	X	X	X	--
MW-17	MW-17	--	X	X	X	--
MW-18	MW-18	--	X	X	X	--
MW-19	MW-19	--	X	X	X	--
MW-20	MW-20	--	X	X	X	--
MW-21	MW-21	--	X	X	X	--

Notes

X: Analyzed

--: Not Analyzed

⁽¹⁾ Indicates a duplicate sample

Table 2
 Summary of Groundwater Elevations
 Farrington Street MGP Site
 Consolidated Edison of New York

Well ID	Depth to Water ⁽¹⁾ (feet)	Top of Casing Elevation (feet AMSL)	Groundwater Elevation (feet AMSL)
MW-3	13.47	12.95	-0.52
MW-6	14.65	14.22	-0.43
MW-7	15.04	14.36	-0.68
MW-8	14.54	13.75	-0.79
MW-9	14.10	13.30	-0.80
MW-10	14.45	13.86	-0.59
MW-11A ⁽²⁾	14.9	13.58	-1.32
MW-12	13.64	12.71	-0.93
MW-13	12.59	12.78	0.19
MW-14	12.46	12.55	0.09
MW-15	11.14	12.14	1.00
MW-16	13.78	13.69	-0.09
MW-17	12.68	13.08	0.40
MW-18	13.62	13.61	-0.01
MW-19	13.60	12.67	-0.93
MW-20	13.47	13.20	-0.27
MW-21	11.03	11.86	0.83

Notes:

(1) Measured from top of PVC well casing on June 17, 2009.

(2) Monitoring well installed to replace monitoring well MW-11, which was damaged beyond repair following the August 2005 sampling event.

AMSL = Above Mean Sea Level

Elevations are based on the North American Vertical Datum of 1988 (NAVD88).

Table 3
Summary of Soil Analytical Data
Farrington Street MGP Site
Consolidated Edison of New York

Consolidated Edison Farrington Street - MGP Site Validated Soil Analytical Data Detected Compound Summary		6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objectives 12/14/2006	Sample ID:	MW-13(18-20)	MW-13(24-26)	MW-14(14-16)	MW-14(24-26)	MW-15(14-16)	MW-15(28-30)	MW-16(6)
CAS NO.	COMPOUND		UNITS:	Lab Sample Id:	A2679-06	A2679-05	A2752-05	A2752-08	A2679-02	A2679-03
	VOLATILES		Depth:	18-20'	24-26'	14-16'	24-26'	14-16'	28-30'	6'
			Source:	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech
			SDG:	A2679	A2679	A2752	A2752	A2679	A2679	A2567
			Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			Sampled:	5/8/2009	5/8/2009	5/14/2009	5/14/2009	5/7/2009	5/7/2009	4/30/2009
			Validated:	8/13/2009	8/13/2009	8/13/2009	8/13/2009	8/13/2009	8/13/2009	8/13/2009
67-64-1	Acetone	0.05	mg/Kg	ND	ND	ND	ND	ND	ND	ND
71-43-2	Benzene	0.06	mg/Kg	ND	ND	ND	ND	ND	ND	39
78-93-3	2-Butanone	0.12	mg/Kg	ND	ND	ND	ND	ND	ND	ND
75-15-0	Carbon Disulfide	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
110-82-7	Cyclohexane	--	mg/Kg	ND	ND	0.44 J	ND	ND	ND	0.59 J
100-41-4	Ethyl Benzene	1	mg/Kg	ND	ND	150	ND	9.6	ND	230
98-82-8	Isopropylbenzene	--	mg/Kg	ND	ND	17	ND	4.7	ND	19
1634-04-4	Methyl tert-butyl Ether	0.93	mg/Kg	ND	ND	ND	ND	ND	ND	ND
108-87-2	Methylcyclohexane	--	mg/Kg	ND	ND	1.9	ND	0.9 J	ND	2.4
100-42-5	Styrene	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
127-18-4	Tetrachloroethene	1.3	mg/Kg	ND	ND	ND	ND	ND	ND	ND
108-88-3	Toluene	0.7	mg/Kg	0.0064 J	ND	ND	ND	ND	ND	2.7
136777-61-2	m/p-Xylenes	0.26	mg/Kg	ND	ND	2.4	ND	0.25 J	ND	280
95-47-6	o-Xylene	0.26	mg/Kg	ND	ND	19	ND	1.3	ND	43
	Total VOCs	--	mg/Kg	0.0064	ND	190.74	ND	16.75	ND	616.69

Notes:

- (1) NYSDEC 6 NYCRR Part 375 Environmental Remediation Programs (December 2006)
- (2) -- indicates no cleanup objective or background level is available.
- (3) NA indicates compound was not analyzed for.
- (4) ND indicates compound was not detected.
- (5) J indicates an estimated concentration.
- (6) R indicates a rejected value.
- (7) Shaded values exceed 6 NYCRR Part 375 Unrestricted Soil Cleanup Objectives.

Table 3
Summary of Soil Analytical Data
Farrington Street MGP Site
Consolidated Edison of New York

Consolidated Edison Farrington Street - MGP Site Validated Soil Analytical Data Detected Compound Summary		6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objectives 12/14/2006	Sample ID:	MW-13(18-20)	MW-13(24-26)	MW-14(14-16)	MW-14(24-26)	MW-15(14-16)	MW-15(28-30)	MW-16(6)
CAS NO.	COMPOUND		UNITS:	Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	A2679-06 18-20' Chemtech A2679 SOIL 5/8/2009 8/13/2009	A2679-05 24-26' Chemtech A2679 SOIL 5/8/2009 8/13/2009	A2752-05 14-16' Chemtech A2752 SOIL 5/14/2009 8/13/2009	A2752-08 24-26' Chemtech A2752 SOIL 5/14/2009 8/13/2009	A2679-02 14-16' Chemtech A2679 SOIL 5/7/2009 8/13/2009	A2679-03 28-30' Chemtech A2679 SOIL 5/7/2009 8/13/2009
SEMIVOLATILES										
100-52-7	Benzaldehyde	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
92-52-4	1,1-Biphenyl	--	mg/Kg	ND	ND	15	ND	3.4 J	ND	11
117-81-7	Bis(2-ethylhexyl)phthalate	--	mg/Kg	0.2 J	0.15 J	ND	ND	0.43 J	0.11 J	ND
85-68-7	Butylbenzylphthalate	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
86-74-8	Carbazole	--	mg/Kg	ND	ND	ND	ND	0.74 J	ND	2.3 J
132-64-9	Dibenzofuran	7	mg/Kg	ND	ND	9	ND	2.5 J	ND	13
105-67-9	2,4-Dimethylphenol	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
117-84-0	Di-n-octyl phthalate	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
95-48-7	2-Methylphenol	0.33	mg/Kg	ND	ND	ND	ND	ND	ND	ND
TBD	3+4-Methylphenols	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
87-86-5	Pentachlorophenol	0.8	mg/Kg	ND	ND	ND	ND	ND	ND	ND
108-95-2	Phenol	0.33	mg/Kg	ND	ND	ND	ND	ND	ND	ND
PAHs										
83-32-9	Acenaphthene	20	mg/Kg	0.59	ND	110	0.17 J	33	0.49	37
208-96-8	Acenaphthylene	100	mg/Kg	0.46	ND	12	0.049 J	4.2	0.055 J	8.4
120-12-7	Anthracene	100	mg/Kg	0.45	0.041 J	46	0.063 J	19	0.27 J	30
56-55-3	Benzo(a)anthracene	1	mg/Kg	2.1	0.062 J	35	0.23 J	12	0.16 J	19
50-32-8	Benzo(a)pyrene	1	mg/Kg	1.3	0.039 J	24	0.15 J	7.2	0.097 J	12
205-99-2	Benzo(b)fluoranthene	1	mg/Kg	1	ND	21	0.12 J	6.5	0.074 J	17
191-24-2	Benzo(g,h,i)perylene	100	mg/Kg	0.48	ND	9.1	0.057 J	3 J	ND	2.3 J
207-08-9	Benzo(k)fluoranthene	0.8	mg/Kg	0.38 J	ND	8.6	0.055 J	1.9 J	ND	3.9 J
218-01-9	Chrysene	1	mg/Kg	1.8	0.053 J	33	0.21 J	11	0.14 J	14
53-70-3	Dibenz(a,h)anthracene	0.33	mg/Kg	0.14 J	ND	2.3 J	ND	0.76 J	ND	0.6 J
206-44-0	Fluoranthene	100	mg/Kg	3.9	0.092 J	53	0.37 J	20	0.28 J	45
86-73-7	Fluorene	30	mg/Kg	ND	ND	53	0.056 J	19	0.15 J	24
193-39-5	Indeno(1,2,3-cd)pyrene	0.5	mg/Kg	0.37 J	ND	6.2 J	ND	2.4 J	ND	2.7 J
91-57-6	2-Methylnaphthalene	--	mg/Kg	ND	ND	260	ND	50	0.27 J	130
91-20-3	Naphthalene	12	mg/Kg	0.19 J	ND	550	ND	100	0.31 J	290
85-01-8	Phenanthrene	100	mg/Kg	0.2 J	0.07 J	180	0.16 J	54	0.71	130
129-00-0	Pyrene	100	mg/Kg	6.1	0.14 J	78	0.59	25	0.38 J	55
Total PAHs		--	mg/Kg	19.46	0.497	1481.2	2.28	368.96	3.386	820.9
Total SVOCs		--	mg/Kg	19.66	0.647	1505.2	2.28	376.03	3.496	847.2

Notes:

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Table 3
Summary of Soil Analytical Data
Farrington Street MGP Site
Consolidated Edison of New York

Consolidated Edison Farrington Street - MGP Site Validated Soil Analytical Data Detected Compound Summary		6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objectives 12/14/2006	Sample ID:	MW-13(18-20)	MW-13(24-26)	MW-14(14-16)	MW-14(24-26)	MW-15(14-16)	MW-15(28-30)	MW-16(6)
CAS NO.	COMPOUND		UNITS:	Lab Sample Id:	A2679-06	A2679-05	A2752-05	A2752-08	A2679-02	A2679-03
	METALS		Depth:	18-20'	24-26'	14-16'	24-26'	14-16'	28-30'	6'
			Source:	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech
			SDG:	A2679	A2679	A2752	A2752	A2679	A2679	A2567
			Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			Sampled:	5/8/2009	5/8/2009	5/14/2009	5/14/2009	5/7/2009	5/7/2009	4/30/2009
			Validated:	8/13/2009	8/13/2009	8/13/2009	8/13/2009	8/13/2009	8/13/2009	8/13/2009
7429-90-5	Aluminum	--	mg/Kg	2820	2320	4750	2440	3680	8920	6630
7440-36-0	Antimony	--	mg/Kg	ND	ND	ND	ND	ND	ND	0.81 J
7440-38-2	Arsenic	13	mg/Kg	ND	ND	ND	0.39 J	0.29 J	ND	25.7
7440-39-3	Barium	350	mg/Kg	28.1	48.2	60	22.6	41.3	120	82.7
7440-41-7	Beryllium	7.2	mg/Kg	0.12 J	0.12 J	0.21 J	0.18 J	0.16 J	0.24 J	0.32
7440-43-9	Cadmium	2.5	mg/Kg	ND	ND	0.35	0.25	ND	0.14 J	5.4
7440-70-2	Calcium	--	mg/Kg	715	1630	1830	958	1210	1540	1380
7440-47-3	Chromium	--	mg/Kg	10.9	16.2	17.1	12.5	15.3	27.3	23.6
7440-48-4	Cobalt	--	mg/Kg	4.11	5.01	6.96	5.54	6.52	9.21	7.32
7440-50-8	Copper	50	mg/Kg	9.81	11.2	12.8	26.3	23	15.1	32.7
7439-89-6	Iron	--	mg/Kg	11400	14400	13700	15300	14400	18100	27200
7439-92-1	Lead	63	mg/Kg	2.61	1.82	4.31	2.36	6.85	3.52	172
7439-95-4	Magnesium	--	mg/Kg	1170	1630	2110	963	1680	4080	2480
7439-96-5	Manganese	1600	mg/Kg	63.4	163	208	226	137	377	85.9
7439-97-6	Mercury	0.18	mg/Kg	0.007 J	0.002 J	0.013	0.004 J	0.022	0.007 J	0.066
7440-02-0	Nickel	30	mg/Kg	8.41	11.6	19.4	16.7	14.6	20.1	17.3
7440-09-7	Potassium	--	mg/Kg	999	711	1960	744	1250	4080	2190
7782-49-2	Selenium	3.9	mg/Kg	0.72 J	0.75 J	0.91	0.93	1.14	0.81 J	1.58
7440-22-4	Silver	2	mg/Kg	ND	ND	ND	ND	ND	ND	ND
7440-23-5	Sodium	--	mg/Kg	147	152	145	170	180	422	ND
7440-28-0	Thallium	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
7440-62-2	Vanadium	--	mg/Kg	13.4	11.9	19.2	18.6	24	30.3	34
7440-66-6	Zinc	109	mg/Kg	24.2	25.1	24	17.1	45	39.1	1990
57-12-5	Cyanide	27	mg/Kg	ND	ND	ND	ND	ND	ND	1.4

Notes:

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Table 3
Summary of Soil Analytical Data
Farrington Street MGP Site
Consolidated Edison of New York

Consolidated Edison Farrington Street - MGP Site Validated Soil Analytical Data Detected Compound Summary		6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objectives 12/14/2006	Sample ID:	MW-16(8-10)	MW-16(14-16)	MW-16(28-30)	MW-17(14-16)	MW-17(22-24)	MW-18(14-16)	MW-18(22-24)
CAS NO.	COMPOUND		UNITS:	A2710-06	A2710-04	A2710-05	A2710-01	A2710-02	A2710-09	A2710-10
	VOLATILES									
67-64-1	Acetone	0.05	mg/Kg	ND	ND	ND	ND	ND	ND	ND
71-43-2	Benzene	0.06	mg/Kg	9.3	1.1	ND	ND	ND	0.92 J	ND
78-93-3	2-Butanone	0.12	mg/Kg	ND	ND	ND	ND	ND	ND	ND
75-15-0	Carbon Disulfide	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
110-82-7	Cyclohexane	--	mg/Kg	0.45 J	0.66 J	ND	ND	ND	0.81 J	ND
100-41-4	Ethyl Benzene	1	mg/Kg	100	39	ND	0.041 J	ND	8.7	ND
98-82-8	Isopropylbenzene	--	mg/Kg	13	15	ND	0.041 J	ND	1.6	ND
1634-04-4	Methyl tert-butyl Ether	0.93	mg/Kg	ND	ND	ND	ND	0.01 J	ND	ND
108-87-2	Methylcyclohexane	--	mg/Kg	1.8 J	4.8 J	ND	0.31 J	ND	6.2 J	ND
100-42-5	Styrene	--	mg/Kg	0.39 J	ND	ND	ND	ND	ND	ND
127-18-4	Tetrachloroethene	1.3	mg/Kg	ND	ND	ND	ND	ND	ND	ND
108-88-3	Toluene	0.7	mg/Kg	1.8	0.5 J	ND	0.027 J	ND	ND	ND
136777-61-2	m/p-Xylenes	0.26	mg/Kg	100	8.9	ND	0.04 J	ND	2.4	ND
95-47-6	o-Xylene	0.26	mg/Kg	56 J	12 J	ND	0.031 J	ND	2.9	ND
	Total VOCs	--	mg/Kg	282.74	81.96	ND	0.49	0.01	23.53	ND

Notes:

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Table 3
Summary of Soil Analytical Data
Farrington Street MGP Site
Consolidated Edison of New York

Consolidated Edison Farrington Street - MGP Site Validated Soil Analytical Data Detected Compound Summary		6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objectives 12/14/2006	Sample ID:	MW-16(8-10)	MW-16(14-16)	MW-16(28-30)	MW-17(14-16)	MW-17(22-24)	MW-18(14-16)	MW-18(22-24)
CAS NO.	COMPOUND		UNITS:	Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	A2710-06 8-10' Chemtech A2710 SOIL 5/12/2009 8/13/2009	A2710-04 14-16' Chemtech A2710 SOIL 5/12/2009 8/13/2009	A2710-05 28-30' Chemtech A2710 SOIL 5/12/2009 8/13/2009	A2710-01 14-16' Chemtech A2710 SOIL 5/11/2009 8/13/2009	A2710-02 22-24' Chemtech A2710 SOIL 5/11/2009 8/13/2009	A2710-09 14-16' Chemtech A2710 SOIL 5/12/2009 8/13/2009
	SEMIVOLATILES									
100-52-7	Benzaldehyde	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
92-52-4	1,1-Biphenyl	--	mg/Kg	4.8 J	21	ND	ND	ND	0.57	ND
117-81-7	Bis(2-ethylhexyl)phthalate	--	mg/Kg	ND	ND	0.086 J	ND	0.067 J	ND	ND
85-68-7	Butylbenzylphthalate	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
86-74-8	Carbazole	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
132-64-9	Dibenzofuran	7	mg/Kg	1.5 J	ND	ND	ND	0.047 J	ND	ND
105-67-9	2,4-Dimethylphenol	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
117-84-0	Di-n-octyl phthalate	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
95-48-7	2-Methylphenol	0.33	mg/Kg	ND	ND	ND	ND	ND	ND	ND
TBD	3+4-Methylphenols	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
87-86-5	Pentachlorophenol	0.8	mg/Kg	ND	ND	ND	ND	ND	ND	ND
108-95-2	Phenol	0.33	mg/Kg	ND	ND	ND	ND	ND	ND	ND
	PAHs									
83-32-9	Acenaphthene	20	mg/Kg	3.7 J	87	0.16 J	2	0.15 J	2.1	0.083 J
208-96-8	Acenaphthylene	100	mg/Kg	3.7 J	9.4	ND	ND	0.053 J	0.33 J	ND
120-12-7	Anthracene	100	mg/Kg	3.3 J	40	0.089 J	1.7	0.11 J	3	0.048 J
56-55-3	Benzo(a)anthracene	1	mg/Kg	2.2 J	27	0.066 J	0.96	0.12 J	2.1	ND
50-32-8	Benzo(a)pyrene	1	mg/Kg	1.5 J	17	0.04 J	0.61	0.073 J	0.51	ND
205-99-2	Benzo(b)fluoranthene	1	mg/Kg	1.6 J	14	ND	0.62	0.089 J	0.57	ND
191-24-2	Benzo(g,h,i)perylene	100	mg/Kg	1 J	6.9	ND	0.28 J	ND	0.19 J	ND
207-08-9	Benzo(k)fluoranthene	0.8	mg/Kg	ND	4.6	ND	0.22 J	ND	0.16 J	ND
218-01-9	Chrysene	1	mg/Kg	2.2 J	23	0.056 J	0.83	0.091 J	1.8	ND
53-70-3	Dibenz(a,h)anthracene	0.33	mg/Kg	ND	1.7 J	ND	0.097 J	ND	0.068 J	ND
206-44-0	Fluoranthene	100	mg/Kg	4.6 J	51	0.12 J	1.6	0.17 J	1.7	ND
86-73-7	Fluorene	30	mg/Kg	5.7 J	50	0.095 J	2.4 J	0.11 J	1.4	0.048 J
193-39-5	Indeno(1,2,3-cd)pyrene	0.5	mg/Kg	0.85 J	5.9	ND	0.23 J	ND	0.12 J	ND
91-57-6	2-Methylnaphthalene	--	mg/Kg	81	460	0.43	ND	ND	3.9	0.16 J
91-20-3	Naphthalene	12	mg/Kg	100	780	0.63	ND	0.087 J	15	0.31 J
85-01-8	Phenanthrene	100	mg/Kg	14	200	0.31 J	4.1	0.26 J	7.3	0.14 J
129-00-0	Pyrene	100	mg/Kg	5.9 J	61	0.15 J	2.2	0.22 J	4	0.051 J
	Total PAHs	--	mg/Kg	231.25	1838.5	2.146	17.847	1.533	44.248	0.84
	Total SVOCs	--	mg/Kg	237.55	1859.5	2.232	17.847	1.647	44.818	0.84

Notes:

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Table 3
Summary of Soil Analytical Data
Farrington Street MGP Site
Consolidated Edison of New York

Consolidated Edison Farrington Street - MGP Site Validated Soil Analytical Data Detected Compound Summary		6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objectives 12/14/2006	Sample ID:	MW-16(8-10)	MW-16(14-16)	MW-16(28-30)	MW-17(14-16)	MW-17(22-24)	MW-18(14-16)	MW-18(22-24)
CAS NO.	COMPOUND		UNITS:	A2710-06	A2710-04	A2710-05	A2710-01	A2710-02	A2710-09	A2710-10
	METALS		Depth:	8-10'	14-16'	28-30'	14-16'	22-24'	14-16'	22-24'
			Source:	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech
			SDG:	A2710	A2710	A2710	A2710	A2710	A2710	A2710
			Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			Sampled:	5/12/2009	5/12/2009	5/12/2009	5/11/2009	5/11/2009	5/12/2009	5/12/2009
			Validated:	8/13/2009	8/13/2009	8/13/2009	8/13/2009	8/13/2009	8/13/2009	8/13/2009
7429-90-5	Aluminum	--	mg/Kg	7110	3030	2820	5840	6680	13400	2930
7440-36-0	Antimony	--	mg/Kg	0.87 J	ND	ND	ND	ND	0.54 J	ND
7440-38-2	Arsenic	13	mg/Kg	25.7	0.97	ND	0.99	ND	0.75 J	ND
7440-39-3	Barium	350	mg/Kg	109	27.8	32.3	50.1	76.7	169	22.8
7440-41-7	Beryllium	7.2	mg/Kg	0.32	0.11 J	0.14 J	0.21 J	0.28	0.46	0.18 J
7440-43-9	Cadmium	2.5	mg/Kg	1.95	0.21 J	0.2 J	0.32	0.49	1.31	ND
7440-70-2	Calcium	--	mg/Kg	10200	1440	740	1630	1150	926	555
7440-47-3	Chromium	--	mg/Kg	24.5	10.9	13.7	17.8	22.9	32	7.99
7440-48-4	Cobalt	--	mg/Kg	5.38	3.82	4.6	11.7	6.93	10.6	3.81
7440-50-8	Copper	50	mg/Kg	36	10.3	10.4	13	13.1	18.7	6.24
7439-89-6	Iron	--	mg/Kg	38600	10500	12300	10300	18100	31700	7080
7439-92-1	Lead	63	mg/Kg	250	10.8	2.32	15	3.24	4.48	1.05
7439-95-4	Magnesium	--	mg/Kg	3090	1950	1420	2430	2900	5460	1030
7439-96-5	Manganese	1600	mg/Kg	149	76.6	128	82.9	245	222	49.1
7439-97-6	Mercury	0.18	mg/Kg	0.083	0.003 J	ND	0.008 J	0.007 J	ND	ND
7440-02-0	Nickel	30	mg/Kg	14.3	14.3	13.7	35.8	22.4	25	11.8
7440-09-7	Potassium	--	mg/Kg	2320	1040	1180	1420	2470	6680	684
7782-49-2	Selenium	3.9	mg/Kg	ND	ND	ND	ND	ND	ND	ND
7440-22-4	Silver	2	mg/Kg	0.15 J	ND	ND	ND	ND	ND	ND
7440-23-5	Sodium	--	mg/Kg	310	138	383	126	156	185	126
7440-28-0	Thallium	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
7440-62-2	Vanadium	--	mg/Kg	37.1	13.1	15	18.5	28.5	46	9.25
7440-66-6	Zinc	109	mg/Kg	179	30.3	18.3	129	32.9	65.7	32.2
57-12-5	Cyanide	27	mg/Kg	1.07	ND	ND	ND	ND	ND	ND

Notes:

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Table 3
Summary of Soil Analytical Data
Farrington Street MGP Site
Consolidated Edison of New York

Consolidated Edison Farrington Street - MGP Site Validated Soil Analytical Data Detected Compound Summary		6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objectives 12/14/2006	Sample ID:	MW-19(16-18)	MW-19(28-30)	MW-20(14-16)	MW-20(14-16)DUP	MW-20(22-24)	MW-21(12-14)	MW-21(20-22)
CAS NO.	COMPOUND		UNITS:	Lab Sample Id:	A2819-01	A2819-02	A2752-01	A2752-02	A2752-03	A2819-04
	VOLATILES		Depth:	16-18'	28-30'	14-16'	14-16'	22-24'	12-14'	20-22'
			Source:	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech
			SDG:	A2819	A2819	A2752	A2752	A2752	A2819	A2819
			Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			Sampled:	5/18/2009	5/18/2009	5/13/2009	5/13/2009	5/13/2009	5/19/2009	5/19/2009
			Validated:	8/13/2009	8/13/2009	8/13/2009	8/13/2009	8/13/2009	8/13/2009	8/13/2009
67-64-1	Acetone	0.05	mg/Kg	R	R	ND	ND	ND	R	R
71-43-2	Benzene	0.06	mg/Kg	ND	ND	ND	ND	ND	ND	ND
78-93-3	2-Butanone	0.12	mg/Kg	ND	ND	ND	ND	ND	ND	ND
75-15-0	Carbon Disulfide	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
110-82-7	Cyclohexane	--	mg/Kg	2.5 J	ND	ND	ND	ND	ND	ND
100-41-4	Ethyl Benzene	1	mg/Kg	94	ND	ND	ND	ND	ND	ND
98-82-8	Isopropylbenzene	--	mg/Kg	13	ND	ND	ND	ND	ND	ND
1634-04-4	Methyl tert-butyl Ether	0.93	mg/Kg	ND	ND	ND	ND	ND	ND	ND
108-87-2	Methylcyclohexane	--	mg/Kg	13 J	0.0089 J	ND	ND	ND	ND	ND
100-42-5	Styrene	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
127-18-4	Tetrachloroethene	1.3	mg/Kg	ND	ND	ND	ND	ND	ND	ND
108-88-3	Toluene	0.7	mg/Kg	0.59 J	ND	ND	ND	ND	ND	ND
136777-61-2	m/p-Xylenes	0.26	mg/Kg	13	ND	ND	ND	ND	ND	ND
95-47-6	o-Xylene	0.26	mg/Kg	21	ND	ND	ND	ND	ND	ND
	Total VOCs	--	mg/Kg	157.09	0.0089	ND	ND	ND	ND	ND

Notes:

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Consolidated Edison Farrington Street - MGP Site Validated Soil Analytical Data Detected Compound Summary		6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objectives 12/14/2006	Sample ID:	MW-19(16-18)	MW-19(28-30)	MW-20(14-16)	MW-20(14-16)DUP	MW-20(22-24)	MW-21(12-14)	MW-21(20-22)
CAS NO.	COMPOUND		UNITS:	Lab Sample Id:	A2819-01	A2819-02	A2752-01	A2752-02	A2752-03	A2819-04
			Depth:	16-18'	28-30'	14-16'	14-16'	22-24'	12-14'	20-22'
			Source:	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech
			SDG:	A2819	A2819	A2752	A2752	A2752	A2819	A2819
			Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			Sampled:	5/18/2009	5/18/2009	5/13/2009	5/13/2009	5/13/2009	5/19/2009	5/19/2009
			Validated:	8/13/2009	8/13/2009	8/13/2009	8/13/2009	8/13/2009	8/13/2009	8/13/2009
SEMIVOLATILES										
100-52-7	Benzaldehyde	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
92-52-4	1,1-Biphenyl	--	mg/Kg	21	ND	ND	ND	ND	ND	ND
117-81-7	Bis(2-ethylhexyl)phthalate	--	mg/Kg	ND	0.091 J	ND	ND	ND	ND	ND
85-68-7	Butylbenzylphthalate	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
86-74-8	Carbazole	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
132-64-9	Dibenzofuran	7	mg/Kg	7.2 J	ND	ND	ND	ND	ND	ND
105-67-9	2,4-Dimethylphenol	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
117-84-0	Di-n-octyl phthalate	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
95-48-7	2-Methylphenol	0.33	mg/Kg	ND	ND	ND	ND	ND	ND	ND
TBD	3+4-Methylphenols	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
87-86-5	Pentachlorophenol	0.8	mg/Kg	ND	ND	ND	ND	ND	ND	ND
108-95-2	Phenol	0.33	mg/Kg	ND	ND	ND	ND	ND	ND	ND
PAHs										
83-32-9	Acenaphthene	20	mg/Kg	110	0.26 J	ND	ND	ND	ND	0.2 J
208-96-8	Acenaphthylene	100	mg/Kg	8.5	ND	ND	ND	ND	ND	ND
120-12-7	Anthracene	100	mg/Kg	51	0.13 J	ND	ND	ND	ND	0.096 J
56-55-3	Benzo(a)anthracene	1	mg/Kg	35	0.06 J	ND	ND	ND	ND	0.086 J
50-32-8	Benzo(a)pyrene	1	mg/Kg	22	ND	ND	ND	ND	ND	0.062 J
205-99-2	Benzo(b)fluoranthene	1	mg/Kg	19	ND	ND	ND	ND	ND	0.071 J
191-24-2	Benzo(g,h,i)perylene	100	mg/Kg	9.1	ND	ND	ND	ND	ND	ND
207-08-9	Benzo(k)fluoranthene	0.8	mg/Kg	6.7 J	ND	ND	ND	ND	ND	ND
218-01-9	Chrysene	1	mg/Kg	31	0.059 J	ND	ND	ND	ND	0.099 J
53-70-3	Dibenz(a,h)anthracene	0.33	mg/Kg	2.5 J	ND	ND	ND	ND	ND	ND
206-44-0	Fluoranthene	100	mg/Kg	48	0.12 J	ND	ND	ND	ND	0.16 J
86-73-7	Fluorene	30	mg/Kg	44	0.12 J	ND	ND	ND	ND	0.078 J
193-39-5	Indeno(1,2,3-cd)pyrene	0.5	mg/Kg	7 J	ND	ND	ND	ND	ND	ND
91-57-6	2-Methylnaphthalene	--	mg/Kg	200	0.3 J	ND	ND	ND	ND	0.29 J
91-20-3	Naphthalene	12	mg/Kg	580	0.69	ND	ND	ND	ND	0.58
85-01-8	Phenanthrene	100	mg/Kg	160	0.35 J	ND	ND	ND	0.048 J	0.37 J
129-00-0	Pyrene	100	mg/Kg	74	0.16 J	ND	ND	ND	ND	0.25 J
Total PAHs		--	mg/Kg	1407.8	2.249	ND	ND	ND	0.048	2.342
Total SVOCs		--	mg/Kg	1436	2.34	ND	ND	ND	0.048	2.342

Notes:

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- (7) Shaded values exceed 6 NYCRR Part 375 Unrestricted Soil Cleanup Objectives.

Table 3
Summary of Soil Analytical Data
Farrington Street MGP Site
Consolidated Edison of New York

Consolidated Edison Farrington Street - MGP Site Validated Soil Analytical Data Detected Compound Summary		6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objectives 12/14/2006	Sample ID:	SB-17(13-18)	SB-17(28-33)	SB-18 (8-13)	SB-18 (8-13)DUP	SB-18(18-22)	SB-19(13-18)	SB-19(28-33)
CAS NO.	COMPOUND		UNITS:	Lab Sample Id:	A2876-01	A2876-04	A2915-01	A2915-02	A2915-03	A2876-05
			Depth:	13-18'	28-33'	8-13'	8-13'	18-22'	13-18'	28-33'
			Source:	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech
			SDG:	A2876	A2876	A2915	A2915	A2915	A2876	A2876
			Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			Sampled:	5/21/2009	5/21/2009	5/26/2009	5/26/2009	5/26/2009	5/21/2009	5/21/2009
			Validated:	8/13/2009	8/13/2009	8/13/2009	8/13/2009	8/13/2009	8/13/2009	8/13/2009
67-64-1	Acetone	0.05	mg/Kg	ND	ND	ND	ND	ND	ND	ND
71-43-2	Benzene	0.06	mg/Kg	2 J	ND	ND	ND	ND	ND	0.0083 J
78-93-3	2-Butanone	0.12	mg/Kg	ND	ND	ND	ND	ND	ND	ND
75-15-0	Carbon Disulfide	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
110-82-7	Cyclohexane	--	mg/Kg	ND	ND	ND	ND	ND	0.53 J	ND
100-41-4	Ethyl Benzene	1	mg/Kg	38	ND	ND	ND	ND	78	ND
98-82-8	Isopropylbenzene	--	mg/Kg	29	ND	ND	ND	ND	14	ND
1634-04-4	Methyl tert-butyl Ether	0.93	mg/Kg	ND	0.033	ND	ND	ND	ND	ND
108-87-2	Methylcyclohexane	--	mg/Kg	4.8	ND	ND	ND	ND	2.9	ND
100-42-5	Styrene	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
127-18-4	Tetrachloroethene	1.3	mg/Kg	ND	ND	ND	ND	ND	ND	ND
108-88-3	Toluene	0.7	mg/Kg	ND	ND	ND	ND	ND	ND	ND
136777-61-2	m/p-Xylenes	0.26	mg/Kg	6.5 J	ND	ND	ND	ND	1.2 J	ND
95-47-6	o-Xylene	0.26	mg/Kg	12	ND	ND	ND	ND	9.3	ND
	Total VOCs	--	mg/Kg	92.3	0.033	ND	ND	ND	105.93	0.0083

Notes:

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Table 3
Summary of Soil Analytical Data
Farrington Street MGP Site
Consolidated Edison of New York

Consolidated Edison Farrington Street - MGP Site Validated Soil Analytical Data Detected Compound Summary		6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objectives 12/14/2006	Sample ID:	SB-17(13-18)	SB-17(28-33)	SB-18 (8-13)	SB-18 (8-13)DUP	SB-18(18-22)	SB-19(13-18)	SB-19(28-33)
CAS NO.	COMPOUND		UNITS:	Lab Sample Id:	A2876-01	A2876-04	A2915-01	A2915-02	A2915-03	A2876-05
Validated Soil Analytical Data			Depth:	13-18'	28-33'	8-13'	8-13'	18-22'	13-18'	28-33'
Detected Compound Summary			Source:	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech
			SDG:	A2876	A2876	A2915	A2915	A2915	A2876	A2876
			Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			Sampled:	5/21/2009	5/21/2009	5/26/2009	5/26/2009	5/26/2009	5/21/2009	5/21/2009
			Validated:	8/13/2009	8/13/2009	8/13/2009	8/13/2009	8/13/2009	8/13/2009	8/13/2009
	SEMIVOLATILES									
100-52-7	Benzaldehyde	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
92-52-4	1,1-Biphenyl	--	mg/Kg	16	0.069 J	ND	ND	ND	14	ND
117-81-7	Bis(2-ethylhexyl)phthalate	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
85-68-7	Butylbenzylphthalate	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
86-74-8	Carbazole	--	mg/Kg	ND	ND	ND	ND	ND	1.6 J	ND
132-64-9	Dibenzofuran	7	mg/Kg	3.3 J	ND	ND	ND	ND	5 J	ND
105-67-9	2,4-Dimethylphenol	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
117-84-0	Di-n-octyl phthalate	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
95-48-7	2-Methylphenol	0.33	mg/Kg	ND	ND	ND	ND	ND	ND	ND
TBD	3+4-Methylphenols	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
87-86-5	Pentachlorophenol	0.8	mg/Kg	ND	ND	ND	ND	ND	ND	ND
108-95-2	Phenol	0.33	mg/Kg	ND	ND	ND	ND	ND	ND	ND
	PAHs									
83-32-9	Acenaphthene	20	mg/Kg	44	0.19 J	ND	ND	ND	96	0.13 J
208-96-8	Acenaphthylene	100	mg/Kg	7.9	ND	ND	ND	ND	ND	ND
120-12-7	Anthracene	100	mg/Kg	21 J	0.092 J	ND	ND	ND	42 J	0.075 J
56-55-3	Benzo(a)anthracene	1	mg/Kg	12 J	0.061 J	ND	ND	ND	34	0.086 J
50-32-8	Benzo(a)pyrene	1	mg/Kg	8.3 J	ND	ND	ND	ND	24	0.056 J
205-99-2	Benzo(b)fluoranthene	1	mg/Kg	7.6 J	ND	ND	ND	ND	21	0.05 J
191-24-2	Benzo(g,h,i)perylene	100	mg/Kg	3.7 J	ND	0.04 J	ND	ND	9.2	ND
207-08-9	Benzo(k)fluoranthene	0.8	mg/Kg	1.9 J	ND	ND	ND	ND	6.1 J	ND
218-01-9	Chrysene	1	mg/Kg	11 J	0.056 J	ND	ND	ND	34	0.083 J
53-70-3	Dibenz(a,h)anthracene	0.33	mg/Kg	0.97 J	ND	ND	ND	ND	2.2 J	ND
206-44-0	Fluoranthene	100	mg/Kg	21 J	0.1 J	ND	ND	ND	57 J	0.13 J
86-73-7	Fluorene	30	mg/Kg	25	0.11 J	ND	ND	ND	42	0.07 J
193-39-5	Indeno(1,2,3-cd)pyrene	0.5	mg/Kg	2.7 J	ND	ND	ND	ND	7.1 J	ND
91-57-6	2-Methylnaphthalene	--	mg/Kg	280	1.1	ND	ND	ND	150	0.19 J
91-20-3	Naphthalene	12	mg/Kg	430	1.4	ND	ND	ND	290	0.28 J
85-01-8	Phenanthrene	100	mg/Kg	67	0.35 J	ND	ND	ND	130	0.28 J
129-00-0	Pyrene	100	mg/Kg	30 J	0.15 J	ND	ND	ND	70	0.17 J
	Total PAHs	--	mg/Kg	974.07	3.609	0.04	ND	ND	1014.6	1.6
	Total SVOCs	--	mg/Kg	993.37	3.678	0.04	ND	ND	1035.2	1.6

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Table 3
Summary of Soil Analytical Data
Farrington Street MGP Site
Consolidated Edison of New York

Consolidated Edison Farrington Street - MGP Site Validated Soil Analytical Data Detected Compound Summary		6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objectives 12/14/2006	Sample ID:	SB-17(13-18)	SB-17(28-33)	SB-18 (8-13)	SB-18 (8-13)DUP	SB-18(18-22)	SB-19(13-18)	SB-19(28-33)
CAS NO.	COMPOUND		UNITS:	Lab Sample Id:	A2876-01	A2876-04	A2915-01	A2915-02	A2915-03	A2876-05
			Depth:	13-18'	28-33'	8-13'	8-13'	18-22'	13-18'	28-33'
			Source:	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech
			SDG:	A2876	A2876	A2915	A2915	A2915	A2876	A2876
			Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			Sampled:	5/21/2009	5/21/2009	5/26/2009	5/26/2009	5/26/2009	5/21/2009	5/21/2009
			Validated:	8/13/2009	8/13/2009	8/13/2009	8/13/2009	8/13/2009	8/13/2009	8/13/2009
7429-90-5	Aluminum	--	mg/Kg	5750	2330	4510	4800	6740	3350	6060
7440-36-0	Antimony	--	mg/Kg	0.61 J	ND	ND	ND	ND	ND	0.46 J
7440-38-2	Arsenic	13	mg/Kg	0.67 J	ND	0.56 J	0.7 J	0.7 J	ND	1.12
7440-39-3	Barium	350	mg/Kg	69.9	32.7	40.3	38.5	83.9	36.1	71
7440-41-7	Beryllium	7.2	mg/Kg	0.23 J	0.08 J	0.26	0.28	0.24 J	0.15 J	0.59
7440-43-9	Cadmium	2.5	mg/Kg	0.41	ND	0.41	0.36	0.42	0.05 J	0.28
7440-70-2	Calcium	--	mg/Kg	1530 J	661 J	877	686	918	4800 J	2190 J
7440-47-3	Chromium	--	mg/Kg	18.4	7.98	13.1	13.7	22.2	11.2	22.4
7440-48-4	Cobalt	--	mg/Kg	7.51	3.96	4.22	4.98	9.33	4.61	11
7440-50-8	Copper	50	mg/Kg	14.5	12.3	17.1	15.9	14.3	15	23.2
7439-89-6	Iron	--	mg/Kg	17900 J	9290 J	13200 J	14700 J	15600 J	13700 J	23200 J
7439-92-1	Lead	63	mg/Kg	5.33 J	1.14 J	6.38	4.19	4.78	6.88 J	9.57 J
7439-95-4	Magnesium	--	mg/Kg	2770	1010	1570	1610	3440	3270	4030
7439-96-5	Manganese	1600	mg/Kg	196 J	79.3 J	116	119	366	204 J	343 J
7439-97-6	Mercury	0.18	mg/Kg	0.008 J	ND	0.023 J	0.008 J	ND	0.003 J	0.007 J
7440-02-0	Nickel	30	mg/Kg	17.2	9.41	10.5	11	27.7	10.8	24.6
7440-09-7	Potassium	--	mg/Kg	2800	866	1640	1600	3480	1120	2300
7782-49-2	Selenium	3.9	mg/Kg	0.73 J	0.94	ND	ND	ND	0.79	0.69 J
7440-22-4	Silver	2	mg/Kg	ND	ND	ND	ND	ND	ND	ND
7440-23-5	Sodium	--	mg/Kg	137	93.3	56.9 J	54.3 J	191	61.8 J	137
7440-28-0	Thallium	--	mg/Kg	ND	ND	0.26 J	0.62 J	0.46 J	ND	ND
7440-62-2	Vanadium	--	mg/Kg	24.2	8.95	18.6	19.5	23.5	15.7	28.4
7440-66-6	Zinc	109	mg/Kg	59.9	11.6	35	42.5	36.1	18	52.1
57-12-5	Cyanide	27	mg/Kg	ND	ND	ND	ND	ND	ND	ND

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Table 3
Summary of Soil Analytical Data
Farrington Street MGP Site
Consolidated Edison of New York

Consolidated Edison Farrington Street - MGP Site Validated Soil Analytical Data Detected Compound Summary		6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objectives 12/14/2006	Sample ID:	SB-21(13-18)	SB-21(28-33)	SB-21(28-33)DUP	SB-22(16-18)	SB-22(26-28)	SB-23(13-18)	SB-23(28-33)
CAS NO.	COMPOUND		UNITS:	Lab Sample Id:	A2876-10	A2876-13	A2876-14	A2785-01	A2785-02	A2915-05
			Depth:	13-18'	28-33'	28-33'	16-18'	26-28'	13-18'	28-33'
			Source:	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech
			SDG:	A2876	A2876	A2876	A2785	A2785	A2915	A2915
			Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			Sampled:	5/22/2009	5/22/2009	5/22/2009	5/15/2009	5/15/2009	5/26/2009	5/26/2009
			Validated:	8/13/2009	8/13/2009	8/13/2009	8/13/2009	8/13/2009	8/13/2009	8/13/2009
	VOLATILES									
67-64-1	Acetone	0.05	mg/Kg	ND	ND	ND	R	R	ND	ND
71-43-2	Benzene	0.06	mg/Kg	ND	ND	ND	33	ND	0.028 J	ND
78-93-3	2-Butanone	0.12	mg/Kg	ND	ND	ND	ND	ND	ND	ND
75-15-0	Carbon Disulfide	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
110-82-7	Cyclohexane	--	mg/Kg	ND	ND	ND	1.2 J	ND	ND	ND
100-41-4	Ethyl Benzene	1	mg/Kg	ND	ND	ND	160	ND	0.19	ND
98-82-8	Isopropylbenzene	--	mg/Kg	ND	ND	ND	15	ND	0.012 J	ND
1634-04-4	Methyl tert-butyl Ether	0.93	mg/Kg	ND	ND	ND	ND	ND	ND	ND
108-87-2	Methylcyclohexane	--	mg/Kg	ND	ND	ND	3.7	ND	ND	ND
100-42-5	Styrene	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
127-18-4	Tetrachloroethene	1.3	mg/Kg	ND	ND	ND	ND	ND	ND	ND
108-88-3	Toluene	0.7	mg/Kg	ND	ND	ND	0.34 J	ND	ND	ND
136777-61-2	m/p-Xylenes	0.26	mg/Kg	ND	ND	ND	6.7	ND	ND	ND
95-47-6	o-Xylene	0.26	mg/Kg	ND	ND	ND	41	ND	0.065	ND
	Total VOCs	--	mg/Kg	ND	ND	ND	260.94	ND	0.295	ND

Notes:

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Consolidated Edison Farrington Street - MGP Site Validated Soil Analytical Data Detected Compound Summary		6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objectives 12/14/2006	Sample ID:	SB-21(13-18)	SB-21(28-33)	SB-21(28-33)DUP	SB-22(16-18)	SB-22(26-28)	SB-23(13-18)	SB-23(28-33)
CAS NO.	COMPOUND		UNITS:	Lab Sample Id:	A2876-10	A2876-13	A2876-14	A2785-01	A2785-02	A2915-05
Validated Soil Analytical Data			Depth:	13-18'	28-33'	28-33'	16-18'	26-28'	13-18'	28-33'
Detected Compound Summary			Source:	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech
			SDG:	A2876	A2876	A2876	A2785	A2785	A2915	A2915
			Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			Sampled:	5/22/2009	5/22/2009	5/22/2009	5/15/2009	5/15/2009	5/26/2009	5/26/2009
			Validated:	8/13/2009	8/13/2009	8/13/2009	8/13/2009	8/13/2009	8/13/2009	8/13/2009
	SEMIVOLATILES									
100-52-7	Benzaldehyde	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
92-52-4	1,1-Biphenyl	--	mg/Kg	ND	ND	0.1 J	24	ND	8.8	ND
117-81-7	Bis(2-ethylhexyl)phthalate	--	mg/Kg	ND	ND	ND	ND	0.04 J	ND	ND
85-68-7	Butylbenzylphthalate	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
86-74-8	Carbazole	--	mg/Kg	ND	ND	ND	ND	ND	0.86 J	ND
132-64-9	Dibenzofuran	7	mg/Kg	ND	ND	0.045 J	6.1 J	ND	2.9 J	ND
105-67-9	2,4-Dimethylphenol	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
117-84-0	Di-n-octyl phthalate	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
95-48-7	2-Methylphenol	0.33	mg/Kg	ND	ND	ND	ND	ND	ND	ND
TBD	3+4-Methylphenols	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
87-86-5	Pentachlorophenol	0.8	mg/Kg	ND	ND	ND	ND	ND	ND	ND
108-95-2	Phenol	0.33	mg/Kg	ND	ND	ND	ND	ND	ND	ND
	PAHs									
83-32-9	Acenaphthene	20	mg/Kg	0.13 J	0.075 J	0.57 J	100	0.12 J	40	ND
208-96-8	Acenaphthylene	100	mg/Kg	ND	ND	0.065 J	7.5 J	ND	4.5	ND
120-12-7	Anthracene	100	mg/Kg	0.065 J	ND	0.27 J	36	0.045 J	19	ND
56-55-3	Benzo(a)anthracene	1	mg/Kg	0.067 J	ND	0.19 J	20	ND	12	ND
50-32-8	Benzo(a)pyrene	1	mg/Kg	ND	ND	0.12 J	12	ND	8.1	ND
205-99-2	Benzo(b)fluoranthene	1	mg/Kg	ND	ND	0.1 J	11	ND	6.8	ND
191-24-2	Benzo(g,h,i)perylene	100	mg/Kg	ND	ND	0.043 J	3.9 J	ND	4.3	ND
207-08-9	Benzo(k)fluoranthene	0.8	mg/Kg	ND	ND	ND	4.1 J	ND	2.2 J	ND
218-01-9	Chrysene	1	mg/Kg	0.073 J	ND	0.18 J	18	ND	11	ND
53-70-3	Dibenz(a,h)anthracene	0.33	mg/Kg	ND	ND	ND	1.1 J	ND	1 J	ND
206-44-0	Fluoranthene	100	mg/Kg	0.12 J	0.051 J	0.35 J	29	0.054 J	22	ND
86-73-7	Fluorene	30	mg/Kg	0.071 J	ND	0.31 J	37	0.046 J	22	ND
193-39-5	Indeno(1,2,3-cd)pyrene	0.5	mg/Kg	ND	ND	ND	3 J	ND	3.3 J	ND
91-57-6	2-Methylnaphthalene	--	mg/Kg	0.22 J	0.088 J	0.94 J	290	ND	90	ND
91-20-3	Naphthalene	12	mg/Kg	0.67	0.12 J	1.8 J	610	ND	220	ND
85-01-8	Phenanthrene	100	mg/Kg	0.22 J	0.14 J	1 J	120	0.17 J	61	ND
129-00-0	Pyrene	100	mg/Kg	0.16 J	0.069 J	0.45 J	56	0.079 J	32	ND
	Total PAHs	--	mg/Kg	1.796	0.543	6.388	1358.6	0.514	559.2	ND
	Total SVOCs	--	mg/Kg	1.796	0.543	6.533	1388.7	0.554	571.76	ND

Notes:

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- (5) J indicates an estimated concentration.
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Table 3
Summary of Soil Analytical Data
Farrington Street MGP Site
Consolidated Edison of New York

Consolidated Edison Farrington Street - MGP Site Validated Soil Analytical Data Detected Compound Summary		6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objectives 12/14/2006	Sample ID:	SB-21(13-18)	SB-21(28-33)	SB-21(28-33)DUP	SB-22(16-18)	SB-22(26-28)	SB-23(13-18)	SB-23(28-33)
CAS NO.	COMPOUND		UNITS:	Lab Sample Id:	A2876-10	A2876-13	A2876-14	A2785-01	A2785-02	A2915-05
			Depth:	13-18'	28-33'	28-33'	16-18'	26-28'	13-18'	28-33'
			Source:	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech
			SDG:	A2876	A2876	A2876	A2785	A2785	A2915	A2915
			Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			Sampled:	5/22/2009	5/22/2009	5/22/2009	5/15/2009	5/15/2009	5/26/2009	5/26/2009
			Validated:	8/13/2009	8/13/2009	8/13/2009	8/13/2009	8/13/2009	8/13/2009	8/13/2009
	METALS									
7429-90-5	Aluminum	--	mg/Kg	9910	2480	1960	2860	2320	5750	5640
7440-36-0	Antimony	--	mg/Kg	0.55 J	ND	ND	ND	ND	ND	ND
7440-38-2	Arsenic	13	mg/Kg	ND	ND	ND	ND	0.46 J	0.44 J	0.4 J
7440-39-3	Barium	350	mg/Kg	123	29.5	21.3	24.2	29.4	59.6	81.6
7440-41-7	Beryllium	7.2	mg/Kg	0.34	0.13 J	0.13 J	0.12 J	0.14 J	0.24 J	0.17 J
7440-43-9	Cadmium	2.5	mg/Kg	0.42	ND	ND	0.06 J	0.05 J	0.34	0.28
7440-70-2	Calcium	--	mg/Kg	ND	ND	ND	1370	501	1140	804
7440-47-3	Chromium	--	mg/Kg	28.6	10.8	9.35	11.1	10.1	20.1	17.1
7440-48-4	Cobalt	--	mg/Kg	10	3.2	2.82	4.34	3.31	6.64	5.68
7440-50-8	Copper	50	mg/Kg	19.9	10.6	12	8.92	9.89	12.7	17.5
7439-89-6	Iron	--	mg/Kg	23300 J	12400 J	12000 J	9200	14500	13300 J	13600 J
7439-92-1	Lead	63	mg/Kg	16.9 J	2.01 J	1.84 J	6.74	1.61	3.91	3.45
7439-95-4	Magnesium	--	mg/Kg	4490	1150	842	1570	1220	2640	2660
7439-96-5	Manganese	1600	mg/Kg	276 J	78.1 J	63.7 J	91.8	97.7	271	119
7439-97-6	Mercury	0.18	mg/Kg	0.005 J	ND	ND	ND	ND	ND	ND
7440-02-0	Nickel	30	mg/Kg	27	9.83	8.33	17	8.36	23.5	14.9
7440-09-7	Potassium	--	mg/Kg	4870	1150	804	709	1060	2500	2840
7782-49-2	Selenium	3.9	mg/Kg	0.67 J	0.73 J	0.64 J	0.88	0.88	ND	ND
7440-22-4	Silver	2	mg/Kg	ND	ND	ND	ND	ND	ND	ND
7440-23-5	Sodium	--	mg/Kg	ND	ND	ND	ND	ND	119	160
7440-28-0	Thallium	--	mg/Kg	ND	ND	ND	ND	ND	ND	0.73 J
7440-62-2	Vanadium	--	mg/Kg	35.7	14.4	13.3	10.9	13.9	23.5	20
7440-66-6	Zinc	109	mg/Kg	57.6	15.8	13.5	20.5	16	27.3	24.8
57-12-5	Cyanide	27	mg/Kg	ND	ND	ND	ND	ND	ND	ND

Notes:

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Table 3
Summary of Soil Analytical Data
Farrington Street MGP Site
Consolidated Edison of New York

Consolidated Edison Farrington Street - MGP Site Validated Soil Analytical Data Detected Compound Summary		6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objectives 12/14/2006	Sample ID:	SB-24(10-12)	SB-24(12-14)	SB-25(13-18)	SB-25(28-33)	SB-25(33-38)	SB-26(14-16)	SB-26(24-26)
CAS NO.	COMPOUND		UNITS:	Lab Sample Id:	A3062-01	A3062-02	A2876-01	A2876-08	A2876-09	A3062-03
			Depth:	10-12'	12-14'	13-18'	28-33'	33-38'	14-16'	24-26'
			Source:	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech
			SDG:	A3062	A3062	A2876	A2876	A2876	A3062	A3062
			Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			Sampled:	6/5/2009	6/5/2009	5/22/2009	5/22/2009	5/22/2009	6/5/2009	6/5/2009
			Validated:	8/13/2009	8/13/2009	8/13/2009	8/13/2009	8/13/2009	8/13/2009	8/13/2009
	VOLATILES									
67-64-1	Acetone	0.05	mg/Kg	ND	ND	ND	ND	ND	ND	ND
71-43-2	Benzene	0.06	mg/Kg	ND	ND	0.4 J	40	ND	6.9	ND
78-93-3	2-Butanone	0.12	mg/Kg	ND	ND	ND	ND	ND	ND	ND
75-15-0	Carbon Disulfide	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
110-82-7	Cyclohexane	--	mg/Kg	ND	ND	0.28 J	ND	ND	ND	ND
100-41-4	Ethyl Benzene	1	mg/Kg	ND	0.044	65	760	ND	48	ND
98-82-8	Isopropylbenzene	--	mg/Kg	ND	0.02 J	13	80	ND	6.3	ND
1634-04-4	Methyl tert-butyl Ether	0.93	mg/Kg	ND	ND	ND	ND	ND	ND	ND
108-87-2	Methylcyclohexane	--	mg/Kg	ND	0.0091 J	1.6	0.99 J	ND	0.59 J	ND
100-42-5	Styrene	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
127-18-4	Tetrachloroethene	1.3	mg/Kg	ND	ND	ND	ND	ND	ND	ND
108-88-3	Toluene	0.7	mg/Kg	ND	ND	ND	4.7	ND	0.18 J	ND
136777-61-2	m/p-Xylenes	0.26	mg/Kg	ND	0.014 J	1.1 J	230	ND	1.8	ND
95-47-6	o-Xylene	0.26	mg/Kg	ND	0.024 J	4.9	260	ND	16	ND
	Total VOCs	--	mg/Kg	ND	0.1111	86.28	1375.69	ND	79.77	ND

Notes:

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Summary of Soil Analytical Data
Farrington Street MGP Site
Consolidated Edison of New York

Consolidated Edison Farrington Street - MGP Site Validated Soil Analytical Data Detected Compound Summary		6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objectives 12/14/2006	Sample ID:	SB-24(10-12)	SB-24(12-14)	SB-25(13-18)	SB-25(28-33)	SB-25(33-38)	SB-26(14-16)	SB-26(24-26)
CAS NO.	COMPOUND		UNITS:	Lab Sample Id:	A3062-01	A3062-02	A2876-07	A2876-08	A2876-09	A3062-03
Validated Soil Analytical Data			Depth:	10-12'	12-14'	13-18'	28-33'	33-38'	14-16'	24-26'
Detected Compound Summary			Source:	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech
			SDG:	A3062	A3062	A2876	A2876	A2876	A3062	A3062
			Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			Sampled:	6/5/2009	6/5/2009	5/22/2009	5/22/2009	5/22/2009	6/5/2009	6/5/2009
			Validated:	8/13/2009	8/13/2009	8/13/2009	8/13/2009	8/13/2009	8/13/2009	8/13/2009
	SEMIVOLATILES									
100-52-7	Benzaldehyde	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
92-52-4	1,1-Biphenyl	--	mg/Kg	ND	ND	19	130	0.044 J	43	ND
117-81-7	Bis(2-ethylhexyl)phthalate	--	mg/Kg	ND	0.048 J	ND	ND	ND	ND	ND
85-68-7	Butylbenzylphthalate	--	mg/Kg	ND	0.041 J	ND	ND	ND	ND	ND
86-74-8	Carbazole	--	mg/Kg	ND	ND	4.2 J	20 J	ND	2.4 J	ND
132-64-9	Dibenzofuran	7	mg/Kg	ND	ND	ND	59	ND	9.2 J	ND
105-67-9	2,4-Dimethylphenol	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
117-84-0	Di-n-octyl phthalate	--	mg/Kg	ND	0.042 J	ND	ND	ND	ND	ND
95-48-7	2-Methylphenol	0.33	mg/Kg	ND	ND	ND	ND	ND	ND	ND
TBD	3+4-Methylphenols	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
87-86-5	Pentachlorophenol	0.8	mg/Kg	ND	0.68 J	ND	ND	ND	8.9	ND
108-95-2	Phenol	0.33	mg/Kg	ND	ND	ND	ND	ND	0.4 J	ND
	PAHs									
83-32-9	Acenaphthene	20	mg/Kg	ND	ND	140	650	0.25 J	180	0.1 J
208-96-8	Acenaphthylene	100	mg/Kg	ND	0.057 J	12	85	ND	13	ND
120-12-7	Anthracene	100	mg/Kg	ND	0.052 J	57	370	0.14 J	72	0.043 J
56-55-3	Benzo(a)anthracene	1	mg/Kg	0.055 J	0.092 J	34	230	0.1 J	35 J	ND
50-32-8	Benzo(a)pyrene	1	mg/Kg	0.089 J	0.13 J	22	150	0.069 J	22 J	ND
205-99-2	Benzo(b)fluoranthene	1	mg/Kg	0.087 J	0.13 J	20	140	0.058 J	17	ND
191-24-2	Benzo(g,h,i)perylene	100	mg/Kg	0.063 J	0.09 J	8.4	68	ND	9.2	ND
207-08-9	Benzo(k)fluoranthene	0.8	mg/Kg	ND	0.059 J	6 J	37 J	ND	6.8 J	ND
218-01-9	Chrysene	1	mg/Kg	0.075 J	0.11 J	33	230	0.1 J	33 J	ND
53-70-3	Dibenz(a,h)anthracene	0.33	mg/Kg	ND	0.044 J	1.9 J	20 J	ND	2.6 J	ND
206-44-0	Fluoranthene	100	mg/Kg	0.048 J	0.076 J	59	360	0.19 J	64	ND
86-73-7	Fluorene	30	mg/Kg	ND	ND	61	360	0.15 J	81	0.044 J
193-39-5	Indeno(1,2,3-cd)pyrene	0.5	mg/Kg	0.048 J	0.079 J	6.4 J	57 J	ND	5.5	ND
91-57-6	2-Methylnaphthalene	--	mg/Kg	ND	ND	270	890	0.34 J	530 J	0.16 J
91-20-3	Naphthalene	12	mg/Kg	ND	ND	680	2900	0.62	850	0.24 J
85-01-8	Phenanthrene	100	mg/Kg	ND	0.045 J	180	1000	0.53	240	0.13 J
129-00-0	Pyrene	100	mg/Kg	0.16 J	0.18 J	76	480	0.24 J	110	0.066 J
	Total PAHs	--	mg/Kg	0.625	1.144	1666.7	8027	2.787	2271.1	0.783
	Total SVOCs	--	mg/Kg	0.625	1.955	1689.9	8236	2.831	2335	0.783

Notes:

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Table 3
Summary of Soil Analytical Data
Farrington Street MGP Site
Consolidated Edison of New York

Consolidated Edison Farrington Street - MGP Site Validated Soil Analytical Data Detected Compound Summary		6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objectives 12/14/2006	Sample ID:	SB-24(10-12)	SB-24(12-14)	SB-25(13-18)	SB-25(28-33)	SB-25(33-38)	SB-26(14-16)	SB-26(24-26)
CAS NO.	COMPOUND		UNITS:	A3062-01	A3062-02	A2876-07	A2876-08	A2876-09	A3062-03	A3062-04
	METALS									
7429-90-5	Aluminum	--	mg/Kg	8400	6710	2880	6200	2150	3240	4190
7440-36-0	Antimony	--	mg/Kg	0.5 J	0.62 J	ND	ND	ND	ND	ND
7440-38-2	Arsenic	13	mg/Kg	0.49 J	2.25	ND	ND	ND	ND	0.53 J
7440-39-3	Barium	350	mg/Kg	73.3	66	27.4	81.9	23.5	32.1	52.8
7440-41-7	Beryllium	7.2	mg/Kg	0.29	0.44	0.13 J	0.22 J	0.16 J	0.15 J	0.17 J
7440-43-9	Cadmium	2.5	mg/Kg	0.48	0.46	ND	0.19 J	0.09 J	0.15 J	0.23 J
7440-70-2	Calcium	--	mg/Kg	1310	1840	ND	ND	15500 J	957	703
7440-47-3	Chromium	--	mg/Kg	22.9	18	10	20.1	7.25	11.4	15.6
7440-48-4	Cobalt	--	mg/Kg	7.74	6.99	3.2	8.08	3.14	4.67	5.7
7440-50-8	Copper	50	mg/Kg	19.4	23.4	10.9	17.7	8.31	10.8	10.3
7439-89-6	Iron	--	mg/Kg	17900	14400	12500 J	19600 J	7210 J	12600	15600
7439-92-1	Lead	63	mg/Kg	27.5	73.4	1.85 J	3.33 J	1.76 J	1.97	2.21
7439-95-4	Magnesium	--	mg/Kg	2960	2410	1170	3070	10500	1440	2100
7439-96-5	Manganese	1600	mg/Kg	225	142	195 J	405 J	195 J	171	106
7439-97-6	Mercury	0.18	mg/Kg	0.045	0.067	0.007 J	ND	ND	0.009 J	0.006 J
7440-02-0	Nickel	30	mg/Kg	18.1	17	10.9	18.4	6.92	16.6	16.7
7440-09-7	Potassium	--	mg/Kg	2750	1730	762	3170	691	1300	2020
7782-49-2	Selenium	3.9	mg/Kg	0.38 J	0.71 J	0.98	0.82 J	0.61 J	0.52 J	0.52 J
7440-22-4	Silver	2	mg/Kg	ND	ND	ND	ND	ND	ND	ND
7440-23-5	Sodium	--	mg/Kg	169	190	ND	ND	70.8 J	71.4 J	277
7440-28-0	Thallium	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
7440-62-2	Vanadium	--	mg/Kg	31.5	27.4	11.2	27	8.44	14	21.3
7440-66-6	Zinc	109	mg/Kg	54.1	67.3	13	32.7	14.8	22.9	23.4
57-12-5	Cyanide	27	mg/Kg	ND	ND	2.23	ND	ND	ND	ND

Notes:

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Table 3
Summary of Soil Analytical Data
Farrington Street MGP Site
Consolidated Edison of New York

Consolidated Edison Farrington Street - MGP Site Validated Soil Analytical Data Detected Compound Summary		6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objectives 12/14/2006	Sample ID:	SB-27(18-23)	SB-27(23-28)	SB-28(18-23)	SB-28(23-28)	SB-28(23-28)DUP	SB-29(18-23)	SB-29(23-28)
CAS NO.	COMPOUND		UNITS:	Lab Sample Id:	A3439-07	A3439-08	A3439-02	A3439-03	A3439-06	A3439-09
			Depth:	18-23'	23-28'	18-23'	23-28'	23-38'	18-23'	23-28'
			Source:	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech
			SDG:	A3439	A3439	A3439	A3439	A3439	A3439	A3439
			Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			Sampled:	7/6/2009	7/6/2009	7/6/2009	7/6/2009	7/6/2009	7/6/2009	7/6/2009
			Validated:	8/13/2009	8/13/2009	8/13/2009	8/13/2009	8/13/2009	8/13/2009	8/13/2009
67-64-1	Acetone	0.05	mg/Kg	ND	ND	R	ND	ND	ND	ND
71-43-2	Benzene	0.06	mg/Kg	ND	ND	ND	ND	ND	ND	ND
78-93-3	2-Butanone	0.12	mg/Kg	ND	ND	ND	ND	ND	ND	ND
75-15-0	Carbon Disulfide	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
110-82-7	Cyclohexane	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
100-41-4	Ethyl Benzene	1	mg/Kg	ND	ND	ND	ND	ND	ND	ND
98-82-8	Isopropylbenzene	--	mg/Kg	ND	ND	0.095 J	ND	ND	ND	ND
1634-04-4	Methyl tert-butyl Ether	0.93	mg/Kg	ND	ND	ND	ND	ND	ND	ND
108-87-2	Methylcyclohexane	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
100-42-5	Styrene	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
127-18-4	Tetrachloroethene	1.3	mg/Kg	ND	ND	ND	ND	ND	ND	ND
108-88-3	Toluene	0.7	mg/Kg	ND	ND	ND	ND	ND	ND	ND
136777-61-2	m/p-Xylenes	0.26	mg/Kg	ND	ND	ND	ND	ND	ND	ND
95-47-6	o-Xylene	0.26	mg/Kg	ND	ND	ND	ND	ND	ND	ND
	Total VOCs	--	mg/Kg	ND	ND	0.095	ND	ND	ND	ND

Notes:

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Table 3
Summary of Soil Analytical Data
Farrington Street MGP Site
Consolidated Edison of New York

Consolidated Edison Farrington Street - MGP Site Validated Soil Analytical Data Detected Compound Summary		6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objectives 12/14/2006	Sample ID:	SB-27(18-23)	SB-27(23-28)	SB-28(18-23)	SB-28(23-28)	SB-28(23-28)DUP	SB-29(18-23)	SB-29(23-28)
CAS NO.	COMPOUND		UNITS:	Lab Sample Id:	A3439-07	A3439-08	A3439-02	A3439-03	A3439-06	A3439-09
			Depth:	18-23'	23-28'	18-23'	23-28'	23-38'	18-23'	23-28'
			Source:	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech
			SDG:	A3439	A3439	A3439	A3439	A3439	A3439	A3439
			Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			Sampled:	7/6/2009	7/6/2009	7/6/2009	7/6/2009	7/6/2009	7/6/2009	7/6/2009
			Validated:	8/13/2009	8/13/2009	8/13/2009	8/13/2009	8/13/2009	8/13/2009	8/13/2009
SEMIVOLATILES										
100-52-7	Benzaldehyde	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
92-52-4	1,1-Biphenyl	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
117-81-7	Bis(2-ethylhexyl)phthalate	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
85-68-7	Butylbenzylphthalate	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
86-74-8	Carbazole	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
132-64-9	Dibenzofuran	7	mg/Kg	ND	ND	0.1 J	ND	ND	ND	ND
105-67-9	2,4-Dimethylphenol	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
117-84-0	Di-n-octyl phthalate	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
95-48-7	2-Methylphenol	0.33	mg/Kg	ND	ND	ND	ND	ND	ND	ND
TBD	3+4-Methylphenols	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
87-86-5	Pentachlorophenol	0.8	mg/Kg	ND	ND	ND	ND	ND	ND	ND
108-95-2	Phenol	0.33	mg/Kg	ND	ND	ND	ND	ND	ND	ND
PAHs										
83-32-9	Acenaphthene	20	mg/Kg	ND	ND	1.2	ND	ND	ND	ND
208-96-8	Acenaphthylene	100	mg/Kg	ND	ND	0.28 J	ND	ND	ND	ND
120-12-7	Anthracene	100	mg/Kg	ND	ND	0.88	ND	ND	ND	ND
56-55-3	Benzo(a)anthracene	1	mg/Kg	ND	ND	0.57	ND	ND	ND	ND
50-32-8	Benzo(a)pyrene	1	mg/Kg	ND	ND	0.36 J	ND	ND	ND	ND
205-99-2	Benzo(b)fluoranthene	1	mg/Kg	ND	ND	0.26 J	ND	ND	ND	ND
191-24-2	Benzo(g,h,i)perylene	100	mg/Kg	ND	ND	0.11 J	ND	ND	ND	ND
207-08-9	Benzo(k)fluoranthene	0.8	mg/Kg	ND	ND	0.12 J	ND	ND	ND	ND
218-01-9	Chrysene	1	mg/Kg	ND	ND	0.53	ND	ND	ND	ND
53-70-3	Dibenz(a,h)anthracene	0.33	mg/Kg	ND	ND	ND	ND	ND	ND	ND
206-44-0	Fluoranthene	100	mg/Kg	ND	ND	1	ND	ND	ND	ND
86-73-7	Fluorene	30	mg/Kg	ND	ND	0.56	ND	ND	ND	ND
193-39-5	Indeno(1,2,3-cd)pyrene	0.5	mg/Kg	ND	ND	0.12 J	ND	ND	ND	ND
91-57-6	2-Methylnaphthalene	--	mg/Kg	ND	ND	0.29 J	ND	ND	ND	ND
91-20-3	Naphthalene	12	mg/Kg	ND	ND	0.09 J	ND	ND	ND	ND
85-01-8	Phenanthrene	100	mg/Kg	ND	ND	2.1	ND	0.068 J	ND	ND
129-00-0	Pyrene	100	mg/Kg	ND	ND	1.2	0.054 J	0.044 J	ND	ND
Total PAHs		--	mg/Kg	ND	ND	9.67	0.054	0.112	ND	ND
Total SVOCs		--	mg/Kg	ND	ND	9.77	0.054	0.112	ND	ND

Notes:

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Table 3
Summary of Soil Analytical Data
Farrington Street MGP Site
Consolidated Edison of New York

Consolidated Edison Farrington Street - MGP Site Validated Soil Analytical Data Detected Compound Summary		6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objectives 12/14/2006	Sample ID:	SB-27(18-23)	SB-27(23-28)	SB-28(18-23)	SB-28(23-28)	SB-28(23-28)DUP	SB-29(18-23)	SB-29(23-28)
CAS NO.	COMPOUND		UNITS:	Lab Sample Id:	A3439-07	A3439-08	A3439-02	A3439-03	A3439-06	A3439-09
			Depth:	18-23'	23-28'	18-23'	23-28'	23-38'	18-23'	23-28'
			Source:	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech
			SDG:	A3439	A3439	A3439	A3439	A3439	A3439	A3439
			Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			Sampled:	7/6/2009	7/6/2009	7/6/2009	7/6/2009	7/6/2009	7/6/2009	7/6/2009
			Validated:	8/13/2009	8/13/2009	8/13/2009	8/13/2009	8/13/2009	8/13/2009	8/13/2009
	METALS									
7429-90-5	Aluminum	--	mg/Kg	12800	18700	4630	1870	1730	6310	10800
7440-36-0	Antimony	--	mg/Kg	0.59 J	ND	ND	ND	ND	ND	0.63 J
7440-38-2	Arsenic	13	mg/Kg	ND	ND	ND	ND	ND	ND	ND
7440-39-3	Barium	350	mg/Kg	108 J	129 J	49.2 J	16.6 J	14.1 J	82.9 J	142 J
7440-41-7	Beryllium	7.2	mg/Kg	0.51	0.91	0.32	0.08 J	0.08 J	0.31	0.42
7440-43-9	Cadmium	2.5	mg/Kg	1.07	1.82	0.78	ND	ND	0.68	1.18
7440-70-2	Calcium	--	mg/Kg	823	254	513	420	391	406	547
7440-47-3	Chromium	--	mg/Kg	34.3	54.3	16.2	7.35	6.48	20.3	32.1
7440-48-4	Cobalt	--	mg/Kg	11.7	15.5	8.07	2.46	2.34	8.14	13
7440-50-8	Copper	50	mg/Kg	22.6	32.1	20.6	5.79	5.7	16.5	17.7
7439-89-6	Iron	--	mg/Kg	25200	35200	20000	5640	5370	20600	25700
7439-92-1	Lead	63	mg/Kg	4.77	9.44	2.79	1.11	1	2.97	4.65
7439-95-4	Magnesium	--	mg/Kg	5730	8380	1600	1110	1010	2820	5130
7439-96-5	Manganese	1600	mg/Kg	226 J	318 J	182 J	47.7 J	43.3 J	178 J	243 J
7439-97-6	Mercury	0.18	mg/Kg	0.005 J	0.013	ND	0.005 J	ND	0.007 J	ND
7440-02-0	Nickel	30	mg/Kg	25.5	43.1	16.3	8.19	8.11	18.9	29.2
7440-09-7	Potassium	--	mg/Kg	6380	7670	1580	472	402	3120	5510
7782-49-2	Selenium	3.9	mg/Kg	ND	ND	ND	ND	ND	ND	ND
7440-22-4	Silver	2	mg/Kg	ND	ND	ND	ND	ND	ND	ND
7440-23-5	Sodium	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
7440-28-0	Thallium	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
7440-62-2	Vanadium	--	mg/Kg	43.9	59	20.2	6.53	6.93	27.7	40
7440-66-6	Zinc	109	mg/Kg	54.6	78.9	24.3	10.9	10.1	34.3	53.1
57-12-5	Cyanide	27	mg/Kg	ND	ND	ND	ND	ND	ND	ND

Notes:

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Table 3
Summary of Soil Analytical Data
Farrington Street MGP Site
Consolidated Edison of New York

Consolidated Edison Farrington Street - MGP Site Validated Soil Analytical Data Detected Compound Summary		6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objectives 12/14/2006	Sample ID:	SB-30(13-18)	SB-30(23-28)	SB-31 (8-13)	SB-31(23-28)	SB-32 (8-13)	SB-32(23-28)	SB-33(13-18)
CAS NO.	COMPOUND		Lab Sample Id:	A3439-12	A3439-13	A3439-14	A3439-15	A3439-16	A3439-17	A3439-19
			Depth:	13-18'	23-28'	8-13'	23-28'	8-13'	23-28'	13-18'
			Source:	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech
			SDG:	A3439	A3439	A3439	A3439	A3439	A3439	A3439
			Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			Sampled:	7/7/2009	7/7/2009	7/7/2009	7/7/2009	7/7/2009	7/7/2009	7/8/2009
			Validated:	8/13/2009	8/13/2009	8/13/2009	8/13/2009	8/13/2009	8/13/2009	8/13/2009
			UNITS:							
			VOLATILES							
67-64-1	Acetone	0.05	mg/Kg	ND	ND	ND	ND	ND	ND	ND
71-43-2	Benzene	0.06	mg/Kg	ND	ND	ND	ND	ND	ND	ND
78-93-3	2-Butanone	0.12	mg/Kg	ND	ND	ND	ND	ND	ND	ND
75-15-0	Carbon Disulfide	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
110-82-7	Cyclohexane	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
100-41-4	Ethyl Benzene	1	mg/Kg	ND	ND	ND	ND	ND	ND	ND
98-82-8	Isopropylbenzene	--	mg/Kg	0.029 J	ND	ND	ND	ND	ND	ND
1634-04-4	Methyl tert-butyl Ether	0.93	mg/Kg	ND	ND	ND	ND	ND	ND	ND
108-87-2	Methylcyclohexane	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
100-42-5	Styrene	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
127-18-4	Tetrachloroethene	1.3	mg/Kg	ND	ND	ND	ND	ND	ND	ND
108-88-3	Toluene	0.7	mg/Kg	ND	ND	ND	ND	ND	ND	ND
136777-61-2	m/p-Xylenes	0.26	mg/Kg	ND	ND	ND	ND	ND	ND	ND
95-47-6	o-Xylene	0.26	mg/Kg	ND	ND	ND	ND	ND	ND	ND
	Total VOCs	--	mg/Kg	0.029	ND	ND	ND	ND	ND	ND

Notes:

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Summary of Soil Analytical Data
Farrington Street MGP Site
Consolidated Edison of New York

Consolidated Edison Farrington Street - MGP Site Validated Soil Analytical Data Detected Compound Summary		6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objectives 12/14/2006	Sample ID:	SB-30(13-18)	SB-30(23-28)	SB-31 (8-13)	SB-31(23-28)	SB-32 (8-13)	SB-32(23-28)	SB-33(13-18)
CAS NO.	COMPOUND		UNITS:	Lab Sample Id:	A3439-12	A3439-13	A3439-14	A3439-15	A3439-16	A3439-17
			Depth:	13-18'	23-28'	8-13'	23-28'	8-13'	23-28'	13-18'
			Source:	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech
			SDG:	A3439	A3439	A3439	A3439	A3439	A3439	A3439
			Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			Sampled:	7/7/2009	7/7/2009	7/7/2009	7/7/2009	7/7/2009	7/7/2009	7/8/2009
			Validated:	8/13/2009	8/13/2009	8/13/2009	8/13/2009	8/13/2009	8/13/2009	8/13/2009
	SEMIVOLATILES									
100-52-7	Benzaldehyde	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
92-52-4	1,1-Biphenyl	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
117-81-7	Bis(2-ethylhexyl)phthalate	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
85-68-7	Butylbenzylphthalate	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
86-74-8	Carbazole	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
132-64-9	Dibenzofuran	7	mg/Kg	0.081 J	ND	ND	ND	ND	ND	ND
105-67-9	2,4-Dimethylphenol	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
117-84-0	Di-n-octyl phthalate	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
95-48-7	2-Methylphenol	0.33	mg/Kg	ND	ND	ND	ND	ND	ND	ND
TBD	3+4-Methylphenols	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
87-86-5	Pentachlorophenol	0.8	mg/Kg	ND	ND	ND	ND	ND	ND	ND
108-95-2	Phenol	0.33	mg/Kg	ND	ND	ND	ND	ND	ND	ND
	PAHs									
83-32-9	Acenaphthene	20	mg/Kg	0.95	ND	ND	ND	ND	ND	ND
208-96-8	Acenaphthylene	100	mg/Kg	0.085 J	ND	ND	ND	ND	ND	ND
120-12-7	Anthracene	100	mg/Kg	0.43	ND	ND	ND	ND	ND	ND
56-55-3	Benzo(a)anthracene	1	mg/Kg	0.22 J	ND	ND	ND	ND	ND	ND
50-32-8	Benzo(a)pyrene	1	mg/Kg	0.12 J	ND	ND	ND	ND	ND	ND
205-99-2	Benzo(b)fluoranthene	1	mg/Kg	0.091 J	ND	ND	ND	ND	ND	ND
191-24-2	Benzo(g,h,i)perylene	100	mg/Kg	0.046 J	ND	ND	ND	ND	ND	ND
207-08-9	Benzo(k)fluoranthene	0.8	mg/Kg	0.049 J	ND	ND	ND	ND	ND	ND
218-01-9	Chrysene	1	mg/Kg	0.21 J	ND	ND	ND	ND	ND	ND
53-70-3	Dibenz(a,h)anthracene	0.33	mg/Kg	ND	ND	ND	ND	ND	ND	ND
206-44-0	Fluoranthene	100	mg/Kg	0.43	ND	ND	ND	ND	ND	ND
86-73-7	Fluorene	30	mg/Kg	0.19 J	ND	ND	ND	ND	ND	ND
193-39-5	Indeno(1,2,3-cd)pyrene	0.5	mg/Kg	0.04 J	ND	ND	ND	ND	ND	ND
91-57-6	2-Methylnaphthalene	--	mg/Kg	0.15 J	ND	ND	ND	ND	ND	ND
91-20-3	Naphthalene	12	mg/Kg	0.19 J	ND	ND	ND	ND	ND	ND
85-01-8	Phenanthrene	100	mg/Kg	1.4	ND	ND	ND	ND	ND	ND
129-00-0	Pyrene	100	mg/Kg	0.55	ND	ND	ND	ND	ND	ND
	Total PAHs	--	mg/Kg	5.151	ND	ND	ND	ND	ND	ND
	Total SVOCs	--	mg/Kg	5.232	ND	ND	ND	ND	ND	ND

Notes:

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Table 3
Summary of Soil Analytical Data
Farrington Street MGP Site
Consolidated Edison of New York

Consolidated Edison Farrington Street - MGP Site Validated Soil Analytical Data Detected Compound Summary		6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objectives 12/14/2006	Sample ID:	SB-30(13-18)	SB-30(23-28)	SB-31 (8-13)	SB-31(23-28)	SB-32 (8-13)	SB-32(23-28)	SB-33(13-18)
CAS NO.	COMPOUND		UNITS:	Lab Sample Id:	A3439-12	A3439-13	A3439-14	A3439-15	A3439-16	A3439-17
			Depth:	13-18'	23-28'	8-13'	23-28'	8-13'	23-28'	13-18'
			Source:	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech
			SDG:	A3439	A3439	A3439	A3439	A3439	A3439	A3439
			Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			Sampled:	7/7/2009	7/7/2009	7/7/2009	7/7/2009	7/7/2009	7/7/2009	7/8/2009
			Validated:	8/13/2009	8/13/2009	8/13/2009	8/13/2009	8/13/2009	8/13/2009	8/13/2009
7429-90-5	Aluminum	--	mg/Kg	2850	3420	3310	3030	5010	6090	6330
7440-36-0	Antimony	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
7440-38-2	Arsenic	13	mg/Kg	ND	ND	ND	ND	ND	ND	ND
7440-39-3	Barium	350	mg/Kg	43.7 J	53.2 J	30 J	44.2 J	42.4 J	77.8 J	76.3 J
7440-41-7	Beryllium	7.2	mg/Kg	0.15 J	0.17 J	0.19 J	0.23	0.35	0.25	0.39
7440-43-9	Cadmium	2.5	mg/Kg	0.24	0.29	0.28	0.53	0.56	0.43	0.56
7440-70-2	Calcium	--	mg/Kg	626	764	889	317	992	625	945
7440-47-3	Chromium	--	mg/Kg	11.3	13.6	15	11.3	15.1	18	23.6
7440-48-4	Cobalt	--	mg/Kg	3.87	4.71	4.99	6.63	9.35	6.7	8.17
7440-50-8	Copper	50	mg/Kg	12.7	15.3	24.6	13.8	24	18.7	17.7
7439-89-6	Iron	--	mg/Kg	10600	12800	11500	16600	18800	13800	17300
7439-92-1	Lead	63	mg/Kg	1.41	1.85	3.09	2.65	3.85	2.42	4.74
7439-95-4	Magnesium	--	mg/Kg	1300	1600	1360	1130	1530	2550	2770
7439-96-5	Manganese	1600	mg/Kg	96.3 J	118 J	90.1 J	477 J	481 J	279 J	288 J
7439-97-6	Mercury	0.18	mg/Kg	ND	0.003 J	0.003 J	ND	ND	ND	ND
7440-02-0	Nickel	30	mg/Kg	11.3	13.8	12.9	15.2	24.9	14.9	20
7440-09-7	Potassium	--	mg/Kg	1250	1530	977	1140	1620	2550	2340
7782-49-2	Selenium	3.9	mg/Kg	0.78	1.09	1.2	1.01	1.18	0.92	0.98
7440-22-4	Silver	2	mg/Kg	ND	ND	ND	ND	ND	ND	ND
7440-23-5	Sodium	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
7440-28-0	Thallium	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
7440-62-2	Vanadium	--	mg/Kg	13.2	15.9	17.6	17.4	25.5	20.6	25.9
7440-66-6	Zinc	109	mg/Kg	14.9	18.5	17.5	20.9	25.2	24.5	34.5
57-12-5	Cyanide	27	mg/Kg	ND	ND	ND	ND	ND	ND	ND

Notes:

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Farrington Street MGP Site
Consolidated Edison of New York

Consolidated Edison Farrington Street - MGP Site Validated Soil Analytical Data Detected Compound Summary		6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objectives 12/14/2006	Sample ID:	SB-33(23-28)	SB-34 (8-13)	SB-34(23-28)	TP-11(7-8)	TP-12(2.5)	TP-12(5)	TP-12-1(3.5)
CAS NO.	COMPOUND		Lab Sample Id:	A3439-20	A3439-21	A3439-22	A2390-01	A2477-01	A2477-02	A2477-04
			Depth:	23-28'	8-13'	23-28'	7-8'	2.5'	5'	3.5'
			Source:	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech
			SDG:	A3439	A3439	A3439	A2390	A2477	A2477	A2477
			Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			Sampled:	7/8/2009	7/8/2009	7/8/2009	4/17/2009	4/22/2009	4/22/2009	4/22/2009
			Validated:	8/13/2009	8/13/2009	8/13/2009	8/13/2009	8/13/2009	8/13/2009	8/13/2009
			UNITS:							
	VOLATILES									
67-64-1	Acetone	0.05	mg/Kg	ND	R	ND	R	ND	ND	ND
71-43-2	Benzene	0.06	mg/Kg	ND	ND	ND	0.015 J	ND	ND	ND
78-93-3	2-Butanone	0.12	mg/Kg	ND	ND	ND	ND	ND	ND	ND
75-15-0	Carbon Disulfide	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
110-82-7	Cyclohexane	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
100-41-4	Ethyl Benzene	1	mg/Kg	ND	ND	ND	0.091	ND	ND	ND
98-82-8	Isopropylbenzene	--	mg/Kg	ND	ND	ND	0.53	ND	ND	0.01 J
1634-04-4	Methyl tert-butyl Ether	0.93	mg/Kg	ND	ND	ND	ND	ND	ND	ND
108-87-2	Methylcyclohexane	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
100-42-5	Styrene	--	mg/Kg	ND	ND	ND	0.0072 J	ND	ND	ND
127-18-4	Tetrachloroethene	1.3	mg/Kg	ND	0.016 J	ND	ND	ND	ND	ND
108-88-3	Toluene	0.7	mg/Kg	ND	ND	ND	0.014 J	0.014 J	ND	ND
136777-61-2	m/p-Xylenes	0.26	mg/Kg	ND	ND	ND	0.11	ND	ND	ND
95-47-6	o-Xylene	0.26	mg/Kg	ND	ND	ND	0.29	ND	ND	ND
	Total VOCs	--	mg/Kg	ND	0.016	ND	1.0572	0.014	ND	0.01

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Consolidated Edison of New York

Consolidated Edison Farrington Street - MGP Site Validated Soil Analytical Data Detected Compound Summary		6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objectives 12/14/2006	Sample ID:	SB-33(23-28)	SB-34 (8-13)	SB-34(23-28)	TP-11(7-8)	TP-12(2.5)	TP-12(5)	TP-12-1(3.5)
CAS NO.	COMPOUND		UNITS:	Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	A3439-20 23-28' Chemtech A3439 SOIL 7/8/2009 8/13/2009	A3439-21 8-13' Chemtech A3439 SOIL 7/8/2009 8/13/2009	A3439-22 23-28' Chemtech A3439 SOIL 7/8/2009 8/13/2009	A2390-01 7-8' Chemtech A2390 SOIL 4/17/2009 8/13/2009	A2477-01 2.5' Chemtech A2477 SOIL 4/22/2009 8/13/2009	A2477-02 5' Chemtech A2477 SOIL 4/22/2009 8/13/2009
SEMIVOLATILES										
100-52-7	Benzaldehyde	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
92-52-4	1,1-Biphenyl	--	mg/Kg	ND	ND	ND	3.3 J	ND	ND	0.26 J
117-81-7	Bis(2-ethylhexyl)phthalate	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
85-68-7	Butylbenzylphthalate	--	mg/Kg	ND	ND	ND	ND	0.25 J	ND	ND
86-74-8	Carbazole	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
132-64-9	Dibenzofuran	7	mg/Kg	ND	0.16 J	ND	1.3 J	ND	ND	0.31 J
105-67-9	2,4-Dimethylphenol	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
117-84-0	Di-n-octyl phthalate	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
95-48-7	2-Methylphenol	0.33	mg/Kg	ND	ND	ND	ND	ND	ND	ND
TBD	3+4-Methylphenols	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
87-86-5	Pentachlorophenol	0.8	mg/Kg	ND	ND	ND	ND	ND	ND	ND
108-95-2	Phenol	0.33	mg/Kg	ND	ND	ND	ND	ND	ND	ND
PAHs										
83-32-9	Acenaphthene	20	mg/Kg	ND	1.4	ND	16	ND	ND	2.2
208-96-8	Acenaphthylene	100	mg/Kg	ND	0.18 J	ND	5.2	ND	ND	ND
120-12-7	Anthracene	100	mg/Kg	ND	1.1	ND	8.9	ND	ND	1.5 J
56-55-3	Benzo(a)anthracene	1	mg/Kg	ND	0.96	ND	6.7	ND	ND	2
50-32-8	Benzo(a)pyrene	1	mg/Kg	ND	0.56	ND	9.3	ND	ND	ND
205-99-2	Benzo(b)fluoranthene	1	mg/Kg	ND	0.5	ND	8.8	ND	ND	3.7
191-24-2	Benzo(g,h,i)perylene	100	mg/Kg	ND	0.23 J	ND	3 J	ND	ND	0.73 J
207-08-9	Benzo(k)fluoranthene	0.8	mg/Kg	ND	0.2 J	ND	2.8 J	ND	ND	0.65 J
218-01-9	Chrysene	1	mg/Kg	ND	0.93	ND	7.4	ND	ND	7.3
53-70-3	Dibenz(a,h)anthracene	0.33	mg/Kg	ND	0.049 J	ND	0.7 J	ND	ND	0.29 J
206-44-0	Fluoranthene	100	mg/Kg	ND	1.7	ND	11	ND	ND	7.8
86-73-7	Fluorene	30	mg/Kg	ND	0.43	ND	10	ND	ND	2.1
193-39-5	Indeno(1,2,3-cd)pyrene	0.5	mg/Kg	ND	0.22 J	ND	1.7 J	ND	ND	0.46 J
91-57-6	2-Methylnaphthalene	--	mg/Kg	ND	ND	ND	1.1 J	ND	ND	0.7 J
91-20-3	Naphthalene	12	mg/Kg	ND	ND	ND	8.5	0.061 J	ND	3.5
85-01-8	Phenanthrene	100	mg/Kg	ND	1.1	ND	37	ND	ND	21
129-00-0	Pyrene	100	mg/Kg	ND	1.8	ND	19	ND	ND	7.5
	Total PAHs	--	mg/Kg	ND	11.359	ND	157.1	0.061	ND	61.43
	Total SVOCs	--	mg/Kg	ND	11.519	ND	161.7	0.311	ND	62

Notes:

- (1) NYSDEC 6 NYCRR Part 375 Environmental Remediation Programs (December 2006)
- (2) -- indicates no cleanup objective or background level is available.
- (3) NA indicates compound was not analyzed for.
- (4) ND indicates compound was not detected.
- (5) J indicates an estimated concentration.
- (6) R indicates a rejected value.
- (7) Shaded values exceed 6 NYCRR Part 375 Unrestricted Soil Cleanup Objectives.

Table 3
Summary of Soil Analytical Data
Farrington Street MGP Site
Consolidated Edison of New York

Consolidated Edison Farrington Street - MGP Site Validated Soil Analytical Data Detected Compound Summary		6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objectives 12/14/2006	Sample ID:	SB-33(23-28)	SB-34 (8-13)	SB-34(23-28)	TP-11(7-8)	TP-12(2.5)	TP-12(5)	TP-12-1(3.5)
CAS NO.	COMPOUND		UNITS:	Lab Sample Id:	A3439-20	A3439-21	A3439-22	A2390-01	A2477-01	A2477-02
			Depth:	23-28'	8-13'	23-28'	7-8'	2.5'	5'	3.5'
			Source:	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech
			SDG:	A3439	A3439	A3439	A2390	A2477	A2477	A2477
			Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			Sampled:	7/8/2009	7/8/2009	7/8/2009	4/17/2009	4/22/2009	4/22/2009	4/22/2009
			Validated:	8/13/2009	8/13/2009	8/13/2009	8/13/2009	8/13/2009	8/13/2009	8/13/2009
7429-90-5	Aluminum	--	mg/Kg	6550	11300	8150	5920	6360	5030	8490
7440-36-0	Antimony	--	mg/Kg	ND	ND	ND	0.61 J	ND	ND	ND
7440-38-2	Arsenic	13	mg/Kg	ND	0.58 J	ND	2.1	0.73 J	ND	1.13
7440-39-3	Barium	350	mg/Kg	70.4 J	39.9 J	104 J	175	99.1	29.1	416
7440-41-7	Beryllium	7.2	mg/Kg	0.65	0.36	0.27	0.34	0.47	0.25	0.77
7440-43-9	Cadmium	2.5	mg/Kg	0.79	0.45	0.59	0.36	0.85	0.42	1.26
7440-70-2	Calcium	--	mg/Kg	2240	1110	1130	2190	1430	507	5510
7440-47-3	Chromium	--	mg/Kg	22.6	17.7	28	15	20.2	12.8	18.1
7440-48-4	Cobalt	--	mg/Kg	10.9	3.68	8.75	5.73	8.01	5.48	13.3
7440-50-8	Copper	50	mg/Kg	27.3	12.4	17.1	41.9	15.6	16.7	27.5
7439-89-6	Iron	--	mg/Kg	22200	16800	14700	15400	18400	14600	17300
7439-92-1	Lead	63	mg/Kg	8.43	10.4	2.9	328	136	4.27	76.6
7439-95-4	Magnesium	--	mg/Kg	3980	2090	3910	1950	2410	2990	3690
7439-96-5	Manganese	1600	mg/Kg	398 J	127 J	633 J	169	255	169	371
7439-97-6	Mercury	0.18	mg/Kg	0.005 J	0.013	0.008 J	1.5 J	0.027	0.009 J	0.604
7440-02-0	Nickel	30	mg/Kg	22	8.81	52.3	17.2	15.4	27.3	26.9
7440-09-7	Potassium	--	mg/Kg	2260	562	3130	926	1780	945	2400
7782-49-2	Selenium	3.9	mg/Kg	1.12	1.4	0.98	1.84	2.71	1.9	2.87
7440-22-4	Silver	2	mg/Kg	ND	ND	ND	ND	ND	ND	ND
7440-23-5	Sodium	--	mg/Kg	ND	ND	1210 J	ND	151	84.7	310
7440-28-0	Thallium	--	mg/Kg	ND	ND	ND	ND	ND	ND	ND
7440-62-2	Vanadium	--	mg/Kg	28.1	26.7	25.7	23.4	26.6	15.5	24
7440-66-6	Zinc	109	mg/Kg	48	28	31	104	73.9	32.2	117
57-12-5	Cyanide	27	mg/Kg	4.17	ND	ND	ND	ND	ND	ND

Notes:

- (1) NYSDEC 6 NYCRR Part 375 Environmental Remediation Programs (December 2006)
- (2) -- indicates no cleanup objective or background level is available.
- (3) NA indicates compound was not analyzed for.
- (4) ND indicates compound was not detected.
- (5) J indicates an estimated concentration.
- (6) R indicates a rejected value.
- (7) Shaded values exceed 6 NYCRR Part 375 Unrestricted Soil Cleanup Objectives.

Table 3
Summary of Soil Analytical Data
Farrington Street MGP Site
Consolidated Edison of New York

Consolidated Edison Farrington Street - MGP Site Validated Soil Analytical Data Detected Compound Summary		6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objectives 12/14/2006	Sample ID:	TP-13N(5.5)	TP-13S(4)	TP-14E(5.5)	TP-14W(5.5)	TP-15(2.8)	TP-15(5)
CAS NO.	COMPOUND		UNITS:	Lab Sample Id:	A2513-01	A2513-03	A2513-05	A2513-04	A2477-05
	VOLATILES		Depth:	5.5'	4'	5.5'	5.5'	2.8'	5'
			Source:	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech
			SDG:	A2513	A2513	A2513	A2513	A2477	A2477
			Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			Sampled:	4/24/2009	4/24/2009	4/27/2009	4/27/2009	4/23/2009	4/23/2009
			Validated:	8/13/2009	8/13/2009	8/13/2009	8/13/2009	8/13/2009	8/13/2009
67-64-1	Acetone	0.05	mg/Kg	ND	0.051 J	0.2	0.22	0.44	ND
71-43-2	Benzene	0.06	mg/Kg	ND	0.11	ND	ND	ND	ND
78-93-3	2-Butanone	0.12	mg/Kg	ND	ND	0.025 J	0.037 J	0.094 J	ND
75-15-0	Carbon Disulfide	--	mg/Kg	ND	ND	ND	ND	0.011 J	ND
110-82-7	Cyclohexane	--	mg/Kg	ND	0.021 J	ND	ND	ND	ND
100-41-4	Ethyl Benzene	1	mg/Kg	ND	5.7	ND	ND	0.063	ND
98-82-8	Isopropylbenzene	--	mg/Kg	ND	2.2	ND	ND	ND	ND
1634-04-4	Methyl tert-butyl Ether	0.93	mg/Kg	ND	ND	ND	ND	ND	ND
108-87-2	Methylcyclohexane	--	mg/Kg	ND	0.065	ND	ND	ND	ND
100-42-5	Styrene	--	mg/Kg	ND	0.019 J	ND	ND	ND	ND
127-18-4	Tetrachloroethene	1.3	mg/Kg	ND	ND	ND	ND	ND	ND
108-88-3	Toluene	0.7	mg/Kg	ND	0.082	ND	ND	0.024 J	ND
136777-61-2	m/p-Xylenes	0.26	mg/Kg	ND	3.1	ND	ND	0.016 J	ND
95-47-6	o-Xylene	0.26	mg/Kg	ND	3.9	ND	ND	0.011 J	ND
	Total VOCs	--	mg/Kg	ND	15.248	0.225	0.257	0.659	ND

Notes:

- (1) NYSDEC 6 NYCRR Part 375 Environmental Remediation Programs (December 2006)
- (2) -- indicates no cleanup objective or background level is available.
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- (5) J indicates an estimated concentration.
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- (7) Shaded values exceed 6 NYCRR Part 375 Unrestricted Soil Cleanup Objectives.

Table 3
Summary of Soil Analytical Data
Farrington Street MGP Site
Consolidated Edison of New York

Consolidated Edison Farrington Street - MGP Site Validated Soil Analytical Data Detected Compound Summary		6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objectives 12/14/2006	Sample ID:	TP-13N(5.5)	TP-13S(4)	TP-14E(5.5)	TP-14W(5.5)	TP-15(2.8)	TP-15(5)
CAS NO.	COMPOUND		UNITS:	Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	A2513-01 5.5' Chemtech A2513 SOIL 4/24/2009 8/13/2009	A2513-03 4' Chemtech A2513 SOIL 4/24/2009 8/13/2009	A2513-05 5.5' Chemtech A2513 SOIL 4/27/2009 8/13/2009	A2513-04 5.5' Chemtech A2513 SOIL 4/27/2009 8/13/2009	A2477-05 2.8' Chemtech A2477 SOIL 4/23/2009 8/13/2009
SEMIVOLATILES									
100-52-7	Benzaldehyde	--	mg/Kg	ND	ND	ND	0.063 J	ND	ND
92-52-4	1,1-Biphenyl	--	mg/Kg	0.99 J	500	ND	0.37 J	ND	ND
117-81-7	Bis(2-ethylhexyl)phthalate	--	mg/Kg	ND	1.1 J	ND	ND	ND	ND
85-68-7	Butylbenzylphthalate	--	mg/Kg	ND	ND	ND	ND	ND	ND
86-74-8	Carbazole	--	mg/Kg	ND	40	ND	ND	ND	ND
132-64-9	Dibenzofuran	7	mg/Kg	0.31 J	96	ND	0.16 J	ND	ND
105-67-9	2,4-Dimethylphenol	--	mg/Kg	ND	13	ND	ND	ND	ND
117-84-0	Di-n-octyl phthalate	--	mg/Kg	ND	ND	ND	ND	ND	ND
95-48-7	2-Methylphenol	0.33	mg/Kg	ND	7.4 J	ND	ND	ND	ND
TBD	3+4-Methylphenols	--	mg/Kg	ND	15	ND	ND	ND	ND
87-86-5	Pentachlorophenol	0.8	mg/Kg	ND	ND	ND	ND	ND	ND
108-95-2	Phenol	0.33	mg/Kg	ND	6.6 J	ND	0.076 J	ND	ND
PAHs									
83-32-9	Acenaphthene	20	mg/Kg	1 J	82	ND	0.18 J	0.32 J	ND
208-96-8	Acenaphthylene	100	mg/Kg	3.1	110	ND	0.4	1.4 J	0.94 J
120-12-7	Anthracene	100	mg/Kg	2.9	190	ND	0.83	0.52 J	1.6 J
56-55-3	Benzo(a)anthracene	1	mg/Kg	4.6	200	ND	1.5	0.7 J	1.9 J
50-32-8	Benzo(a)pyrene	1	mg/Kg	3.4	160	ND	1.1	0.87 J	2.8
205-99-2	Benzo(b)fluoranthene	1	mg/Kg	3.3	160	0.042 J	1.3	1.6 J	2.8
191-24-2	Benzo(g,h,i)perylene	100	mg/Kg	1.5 J	83	ND	0.64	0.93 J	1.6 J
207-08-9	Benzo(k)fluoranthene	0.8	mg/Kg	1.1 J	43	ND	0.5	0.45 J	0.71 J
218-01-9	Chrysene	1	mg/Kg	4.5	170	ND	1.5	1.3 J	2.1
53-70-3	Dibenz(a,h)anthracene	0.33	mg/Kg	0.34 J	25	ND	0.13 J	0.23 J	0.4 J
206-44-0	Fluoranthene	100	mg/Kg	6.9	270	0.045 J	2.2	0.58 J	1.3 J
86-73-7	Fluorene	30	mg/Kg	2.9	190	ND	0.86	0.24 J	0.36 J
193-39-5	Indeno(1,2,3-cd)pyrene	0.5	mg/Kg	0.82 J	59	ND	0.34 J	0.47 J	0.85 J
91-57-6	2-Methylnaphthalene	--	mg/Kg	6	400	0.092 J	4	0.23 J	ND
91-20-3	Naphthalene	12	mg/Kg	11	680	0.23 J	6.1	0.47 J	ND
85-01-8	Phenanthrene	100	mg/Kg	14	580	0.075 J	4.6	0.95 J	0.64 J
129-00-0	Pyrene	100	mg/Kg	16	370	0.075 J	4.9	1.6 J	3.2
Total PAHs		--	mg/Kg	83.36	3772	0.559	31.08	12.86	21.2
Total SVOCs		--	mg/Kg	84.66	4451.1	0.559	31.749	12.86	21.2

Notes:

- (1) NYSDEC 6 NYCRR Part 375 Environmental Remediation Programs (December 2006)
- (2) -- indicates no cleanup objective or background level is available.
- (3) NA indicates compound was not analyzed for.
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- (5) J indicates an estimated concentration.
- (6) R indicates a rejected value.
- (7) Shaded values exceed 6 NYCRR Part 375 Unrestricted Soil Cleanup Objectives.

Table 3
Summary of Soil Analytical Data
Farrington Street MGP Site
Consolidated Edison of New York

Consolidated Edison Farrington Street - MGP Site Validated Soil Analytical Data Detected Compound Summary		6 NYCRR Part 375 Unrestricted Use Soil Cleanup Objectives 12/14/2006	Sample ID:	TP-13N(5.5)	TP-13S(4)	TP-14E(5.5)	TP-14W(5.5)	TP-15(2.8)	TP-15(5)
CAS NO.	COMPOUND		UNITS:	Lab Sample Id:	A2513-01	A2513-03	A2513-05	A2513-04	A2477-05
	METALS		Depth:	5.5'	4'	5.5'	5.5'	2.8'	5'
			Source:	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech
			SDG:	A2513	A2513	A2513	A2513	A2477	A2477
			Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			Sampled:	4/24/2009	4/24/2009	4/27/2009	4/27/2009	4/23/2009	4/23/2009
			Validated:	8/13/2009	8/13/2009	8/13/2009	8/13/2009	8/13/2009	8/13/2009
7429-90-5	Aluminum	--	mg/Kg	973	8200	5280	4980	9670	6120
7440-36-0	Antimony	--	mg/Kg	0.51 J	ND	0.64 J	0.55 J	1.72 J	0.6 J
7440-38-2	Arsenic	13	mg/Kg	12.2	3.09	16.6	12.3	8.51	2.63
7440-39-3	Barium	350	mg/Kg	92.8	55	64.6	48.3	93.5	57.2
7440-41-7	Beryllium	7.2	mg/Kg	0.24 J	0.53	0.23 J	0.25	0.51	0.34
7440-43-9	Cadmium	2.5	mg/Kg	0.23 J	0.15 J	0.61	0.24	0.87	0.66
7440-70-2	Calcium	--	mg/Kg	3820	1250	1310	2120	2310	1020
7440-47-3	Chromium	--	mg/Kg	4.58	13	14.3	15.9	23.6	17.3
7440-48-4	Cobalt	--	mg/Kg	1.84	6.18	3.22	2.21	5.06	5.86
7440-50-8	Copper	50	mg/Kg	17.1	10.5	15.9	12.5	140	37.8
7439-89-6	Iron	--	mg/Kg	8300	16100	20800	24500	25600	19900
7439-92-1	Lead	63	mg/Kg	45.1	104	302	19	186	49
7439-95-4	Magnesium	--	mg/Kg	455	1590	1580	2090	1780	2020
7439-96-5	Manganese	1600	mg/Kg	24.5	130	79.7	83.8	114	172
7439-97-6	Mercury	0.18	mg/Kg	1.4	0.06	0.315	0.077	0.481	0.158
7440-02-0	Nickel	30	mg/Kg	4.82	9.45	8.27	4.41	13.3	13.3
7440-09-7	Potassium	--	mg/Kg	198	375	581	378	512	1300
7782-49-2	Selenium	3.9	mg/Kg	1.79	0.83	3.16	0.92	3.66	2.68
7440-22-4	Silver	2	mg/Kg	ND	ND	ND	ND	ND	ND
7440-23-5	Sodium	--	mg/Kg	162	170	199	184	185	181
7440-28-0	Thallium	--	mg/Kg	ND	ND	ND	ND	ND	ND
7440-62-2	Vanadium	--	mg/Kg	9.74	18.5	15.6	17.5	30.1	24.4
7440-66-6	Zinc	109	mg/Kg	25.6	33.2	289	18.6	64.1	47.5
57-12-5	Cyanide	27	mg/Kg	ND	1.11	1.33	ND	3.72	2.36

Notes:

- (1) NYSDEC 6 NYCRR Part 375 Environmental Remediation Programs (December 2006)
- (2) -- indicates no cleanup objective or background level is available.
- (3) NA indicates compound was not analyzed for.
- (4) ND indicates compound was not detected.
- (5) J indicates an estimated concentration.
- (6) R indicates a rejected value.
- (7) Shaded values exceed 6 NYCRR Part 375 Unrestricted Soil Cleanup Objectives.

Table 4
Summary of Groundwater Analytical Data
Farrington Street MGP Site
Consolidated Edison of New York

Consolidated Edison Farrington Street - Gas Works Site Validated Groundwater Analytical Data Detected Compound Summary		NYSDEC Class GA Groundwater Standards/Guidance Values ⁽¹⁾	Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled: Validated:	Dup of MW-14										
				MW-13 A3178-01 Chemtech A3178 WATER 6/15/2009 7/7/2009	MW-14 A3178-02 Chemtech A3178 WATER 6/15/2009 7/7/2009	MW-114 A3178-05 Chemtech A3178 WATER 6/15/2009 7/7/2009	MW-15 A3237-01 Chemtech A3237 WATER 6/17/2009 7/13/2009	MW-16 A3178-10 Chemtech A3178 WATER 6/16/2009 7/7/2009	MW-17 A3178-07 Chemtech A3178 WATER 6/15/2009 7/7/2009	MW-18 A3178-06 Chemtech A3178 WATER 6/15/2009 7/7/2009	MW-19 A3178-12 Chemtech A3178 WATER 6/16/2009 7/7/2009	MW-20 A3178-11 Chemtech A3178 WATER 6/16/2009 7/7/2009	MW-21 A3178-09 Chemtech A3178 WATER 6/16/2009 7/7/2009	
CAS NO.	COMPOUND		UNITS:											
VOLATILES														
110-82-7	Cyclohexane	--	ug/L	ND	ND	ND	5.8	3 J	ND	5.7	8.1	ND	ND	
98-82-8	Isopropylbenzene	5	ug/L	ND	14	15	24	110 J	1.1 J	75	45	ND	ND	
1634-04-4	Methyl tert-butyl Ether	10 (G)	ug/L	ND	3.9 J	4.9 J	ND	9.9 J	57	3.6 J	ND	24	ND	
108-87-2	Methylcyclohexane	--	ug/L	ND	1.2 J	1.6 J	3.1 J	6.5 J	ND	9.2	14	ND	ND	
BTEX														
71-43-2	Benzene	1	ug/L	ND	2.8 J	2.9 J	13	2300	9.9	940	8.8	3.4 J	ND	
100-41-4	Ethyl Benzene	5	ug/L	ND	90	120	94	250	2 J	170	310	ND	ND	
108-88-3	Toluene	5	ug/L	ND	ND	ND	ND	17 J	ND	5 J	8.2	ND	ND	
136777-61-2	m/p-Xylenes	5	ug/L	ND	3.5 J	3.8 J	4.2 J	67 J	1.6 J	16	68	ND	ND	
1330-20-7	o-Xylene	5	ug/L	ND	25	25	17	170 J	1.6 J	32	130	ND	ND	
CVOCs														
156-59-2	cis-1,2-Dichloroethene	5	ug/L	ND	8.1	8.4	ND	ND	ND	ND	ND	5.7	ND	
156-60-5	trans-1,2-Dichloroethene	5	ug/L	ND	4.5 J	4.5 J	ND	ND	ND	ND	ND	ND	ND	
79-01-6	Trichloroethene	5	ug/L	ND	2.9 J	3.5 J	ND	ND	ND	ND	ND	1.1 J	ND	
75-01-4	Vinyl chloride	2	ug/L	ND	2.4 J	1.2 J	ND	ND	ND	ND	ND	ND	ND	
Total VOCs				ug/L	ND	158.3	190.8	161.1	2933.4	73.2	1256.5	592.1	34.2	ND
SEMIVOLATILES														
92-52-4	1,1-Biphenyl	5	ug/L	5.6 J	ND	6.7 J	ND	9.9 J	ND	3.6 J	15	ND	ND	
86-74-8	Carbazole	--	ug/L	2.9 J	ND	3.3 J	1.2 J	25	ND	22	11 J	1.6 J	ND	
132-64-9	Dibenzofuran	--	ug/L	5.6 J	ND	6.7 J	4.2 J	5 J	4.7 J	ND	4.7 J	ND	ND	
87-86-5	Pentachlorophenol	1	ug/L	ND	ND	ND	4.2 J	ND	ND	ND	2.4 J	ND	ND	
108-95-2	Phenol	1	ug/L	5.2 J	ND	6.9 J	ND	22	1.4 J	18	3 J	1.7 J	4.1 J	
PAHs														
83-32-9	Acenaphthene	20 (G)	ug/L	89	9.2 J	110	130	180 J	23	82	94	22	2.4 J	
208-96-8	Acenaphthylene	--	ug/L	ND	ND	ND	4.6 J	ND	4 J	ND	4.3 J	ND	ND	
120-12-7	Anthracene	50 (G)	ug/L	11	ND	13 J	8.6 J	5 J	1.6 J	3.8 J	7.7 J	1.1 J	ND	
120-12-7	Benzo(a)anthracene	0.002 (G)	ug/L	1.8 J	ND	2.3 J	1.6 J	ND	ND	ND	ND	ND	ND	
50-32-8	Benzo(a)pyrene	ND	ug/L	ND	ND	1.3 J	ND	ND	ND	ND	ND	ND	ND	
205-99-2	Benzo(b)fluoranthene	0.002 (G)	ug/L	ND	ND	1.2 J	ND	ND	ND	ND	ND	ND	ND	
218-01-9	Chrysene	0.002 (G)	ug/L	1.7 J	ND	2.2 J	1.5 J	ND	ND	ND	ND	ND	ND	
206-44-0	Fluoranthene	50 (G)	ug/L	8.6 J	2.1 J	11 J	5.4 J	2 J	1.6 J	ND	3.1 J	ND	ND	
86-73-7	Fluorene	50 (G)	ug/L	31	1.9 J	36 J	11 J	32	18	20	26	ND	ND	
91-57-6	2-Methylnaphthalene	--	ug/L	82	3.4 J	100 J	21	460	2.6 J	210	260	ND	ND	
91-20-3	Naphthalene	10	ug/L	510	21 J	650 J	220	1900	11 J	380	3000	ND	ND	
85-01-8	Phenanthrene	50 (G)	ug/L	45	2.1 J	53 J	12	34	4.1 J	20	35	ND	ND	
129-00-0	Pyrene	50 (G)	ug/L	9.7 J	2.9 J	12 J	6.7 J	2 J	1.3 J	ND	3.6 J	ND	ND	
Total PAHs				ug/L	789.8	42.6	992	422.4	2615	67.2	715.8	3433.7	23.1	2.4
Total SVOCs				ug/L	809.1	42.6	1015.6	427.8	2681.1	73.3	759.4	3469.8	26.4	6.5

Notes:

(1) NYSDEC TOGS 1.1.1 Class GA Ambient Water Quality Standards and Guidance Values (October 1998);

Indicates concentration exceeds standard or guidance value.

(G) Indicates guidance value.

-- No standard or guidance value available.

ND Indicates compound was not detected.

J Indicates an estimated concentration.

ug/L Micrograms per liter

Table 4
Summary of Groundwater Analytical Data
Farrington Street MGP Site
Consolidated Edison of New York

Consolidated Edison Farrington Street - Gas Works Site Validated Groundwater Analytical Data Detected Compound Summary		NYSDEC Class GA Groundwater Standards/Guidance Values ⁽¹⁾	Sample ID: Lab Sample Id: Source: SDG: Matrix: Sampled: Validated:	MW-13	MW-14	Dup of MW-14 MW-114	MW-15	MW-16	MW-17	MW-18	MW-19	MW-20	MW-21
				A3178-01 Chemtech A3178 WATER 6/15/2009 7/7/2009	A3178-02 Chemtech A3178 WATER 6/15/2009 7/7/2009	A3178-05 Chemtech A3178 WATER 6/15/2009 7/7/2009	A3237-01 Chemtech A3237 WATER 6/17/2009 7/13/2009	A3178-10 Chemtech A3178 WATER 6/16/2009 7/7/2009	A3178-07 Chemtech A3178 WATER 6/15/2009 7/7/2009	A3178-06 Chemtech A3178 WATER 6/15/2009 7/7/2009	A3178-12 Chemtech A3178 WATER 6/16/2009 7/7/2009	A3178-11 Chemtech A3178 WATER 6/16/2009 7/7/2009	
CAS NO.	COMPOUND		UNITS:										
	METALS												
7429-90-5	Aluminum	--	ug/L	435	111	110	ND	43.7 J	762	36600	71.1	33.4 J	308
7440-38-2	Arsenic	25	ug/L	ND	ND	ND	69.7	ND	ND	ND	ND	ND	ND
7440-39-3	Barium	1000	ug/L	157	78.4	77.7	316	479	177	442	206	302	438
7440-41-7	Beryllium	3	ug/L	ND	ND	ND	ND	ND	ND	1.87 J	ND	ND	ND
7440-43-9	Cadmium	5	ug/L	ND	ND	ND	ND	ND	ND	1.49 J	ND	ND	0.77 J
7440-70-2	Calcium	--	ug/L	96500 J	70700 J	69900 J	87900	113000 J	141000 J	84200 J	107000 J	90300 J	116000 J
7440-47-3	Chromium	50	ug/L	2.49 J	ND	ND	1.15 J	ND	1.29 J	131	ND	ND	1.41 J
7440-48-4	Cobalt	--	ug/L	ND	ND	ND	ND	ND	ND	46.2	ND	9.19 J	ND
7440-50-8	Copper	200	ug/L	ND	ND	ND	ND	ND	ND	132	ND	ND	ND
7439-89-6	Iron	300	ug/L	4060 J	11700 J	11600 J	17700	39400 J	63100 J	134000 J	62900 J	5570 J	54000 J
7439-92-1	Lead	25	ug/L	6.53	4 J	5.76 J	9.59	3.75 J	7.93	76.5	7.02	7.59	16.7
7439-95-4	Magnesium	35000 (G)	ug/L	24500 J	18800 J	18300 J	58800	74100 J	15600 J	23200 J	16500 J	18700 J	20600 J
7439-96-5	Manganese	300	ug/L	1490 J	2620 J	2540 J	1240	1740 J	1710 J	1040 J	884 J	2820 J	1020 J
7439-97-6	Mercury	0.7	ug/L	ND	ND	ND	ND	ND	ND	0.13 J	ND	ND	ND
7440-02-0	Nickel	100	ug/L	ND	ND	ND	ND	ND	ND	145	ND	ND	ND
7440-09-7	Potassium	--	ug/L	8280	7820	7730	21600	24000	14900	16300	9910	9210	26200
7782-49-2	Selenium	10	ug/L	9.47 J	6.84 J	8.13 J	ND	7.58 J	12	8.82 J	6.63 J	9.2 J	10.7
7440-23-5	Sodium	20000	ug/L	178000	168000	166000	513000	623000	95200	58000	99400	154000	350000
7440-62-2	Vanadium	--	ug/L	ND	ND	ND	ND	ND	ND	102	ND	ND	ND
7440-66-6	Zinc	2000 (G)	ug/L	12 J	7.11 J	7.8 J	17.6 J	8.72 J	13.8 J	534	7.27 J	12.6 J	18.6 J
57-12-5	Cyanide	200	ug/L	ND	ND	ND	ND	ND	84	15	45	87	160

Notes:

(1) NYSDEC TOGS 1.1.1 Class GA Ambient Water Quality Standards and Guidance Values (October 1998);

Indicates concentration exceeds standard or guidance value.

(G) Indicates guidance value.

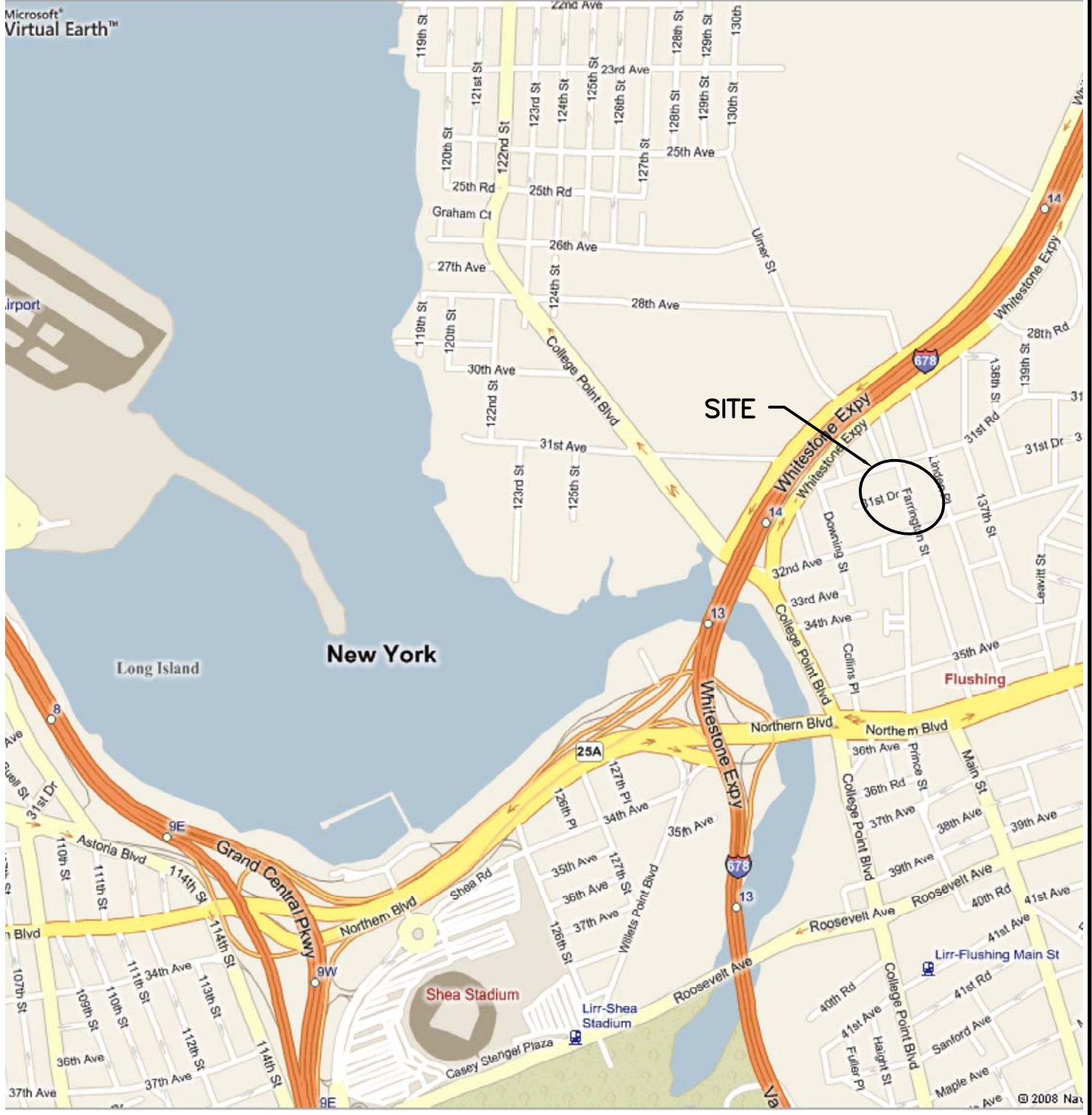
-- No standard or guidance value available.

ND Indicates compound was not detected.

J Indicates an estimated concentration.

ug/L Micrograms per liter

FIGURES



BASE MAP FROM MSN LIVE
SEARCH MAPS 2008.



FIGURE 1
CONSOLIDATED EDISON
FORMER FARRINGTON STREET GAS WORKS
QUEENS, NEW YORK

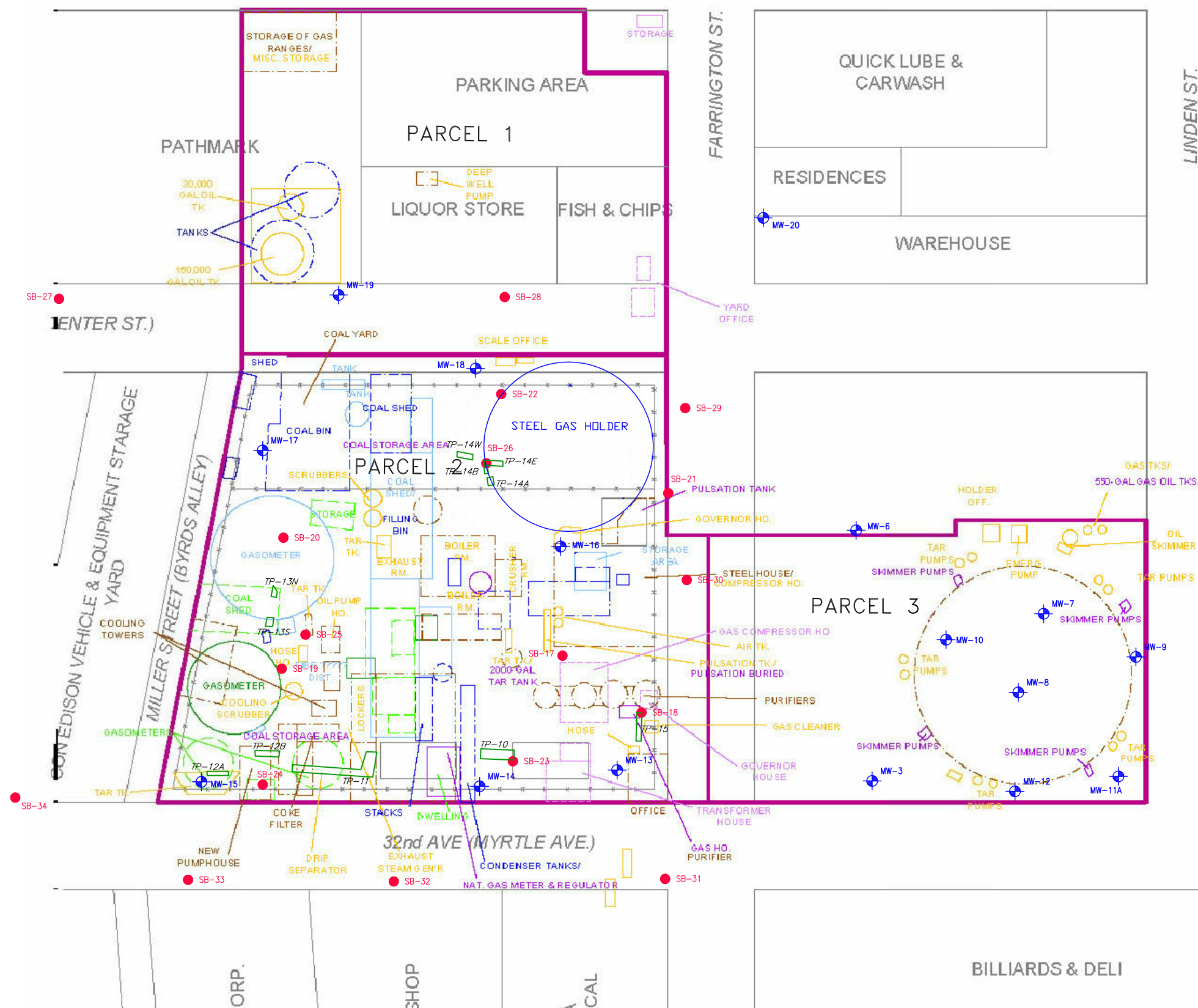
SITE LOCATION MAP



31st ROAD (BAYSIDE AVE.)

LEGEND

- MONITORING WELL LOCATIONS
- SOIL BORING LOCATIONS
- TEST PIT LOCATIONS



LEGEND

- FENCELINE
- 1892
- 1897
- 1903
- 1916
- 1941
- 1943
- 1951
- 1954

NOTES

1) LOCATIONS OF HISTORIC STRUCTURES BASED ON FIGURE 4 IN THE SITE HISTORY REPORT (ENSR, 2003) WITH ONE EXCEPTION. THE LOCATION OF THE FORMER STEEL GAS HOLDER IN THE NORTHEASTERN PORTION OF PARCEL 2 HAS BEEN SHIFTED BASED ON OBSERVATIONS DURING THE SITE CHARACTERIZATION.



SCALE: 1"=80'

FIGURE 2

CON EDISON
FORMER FARRINGTON STREET WORKS
NEW YORK, NEW YORK

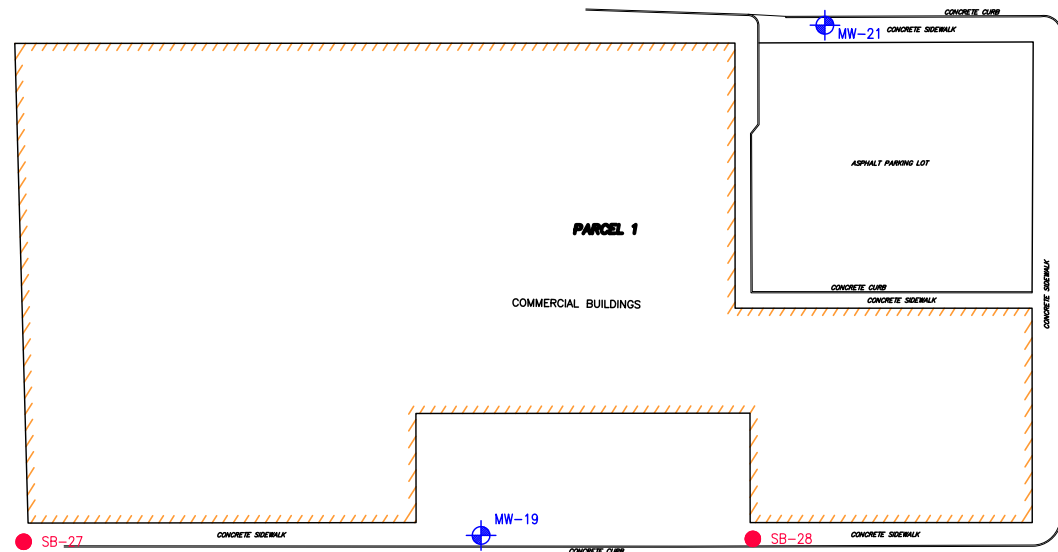
FORMER MGP STRUCTURES

PARSONS

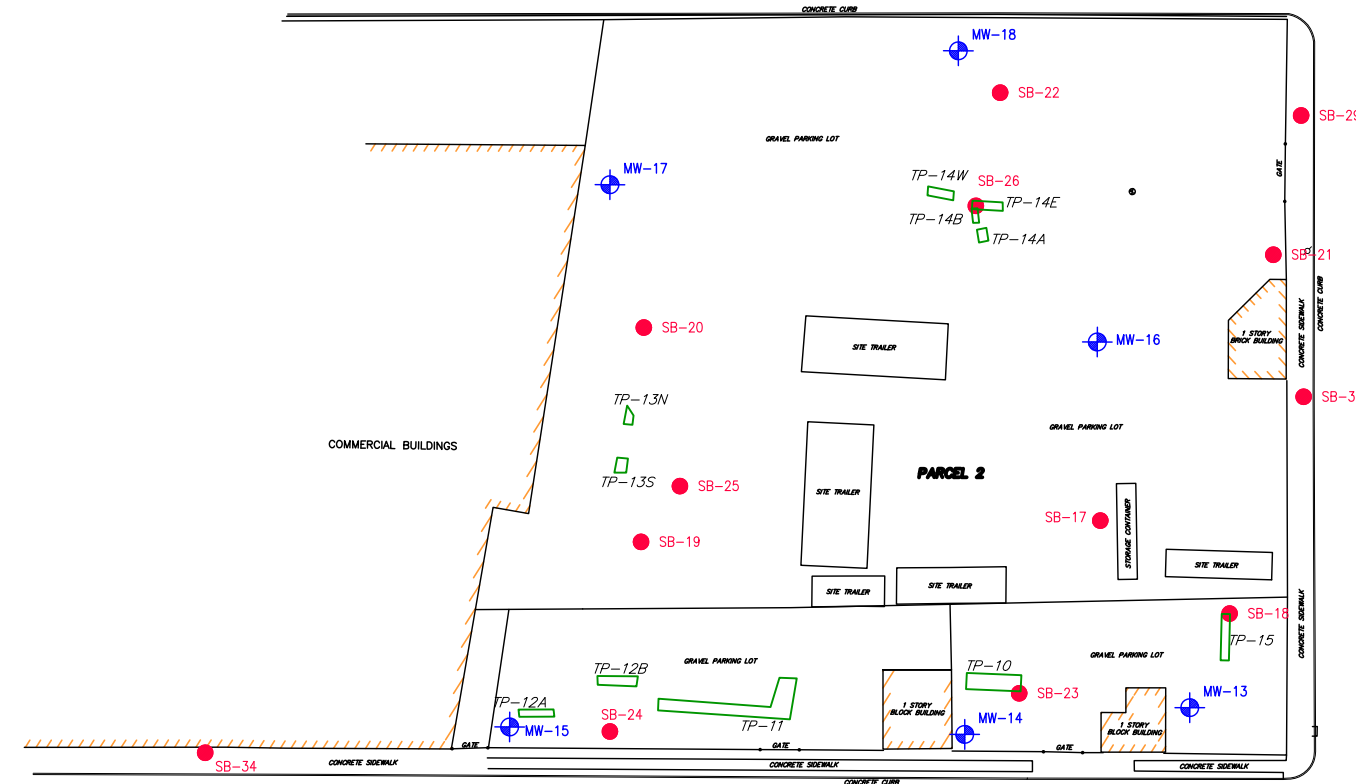
301 PLAINFIELD ROAD, SUITE 350, SYRACUSE, NEW YORK 13212 PHONE:315-451-9560



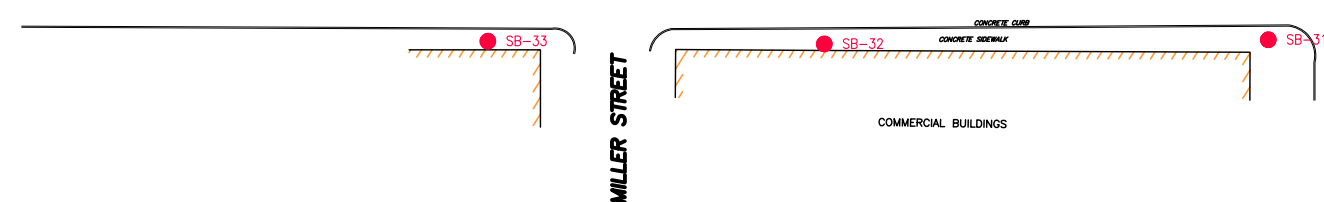
31st ROAD



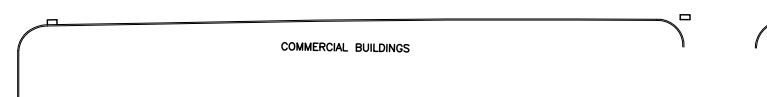
31st DRIVE






32nd AVENUE



32nd AVENUE



LEGEND:

-  MONITORING WELL LOCATIONS
-  SOIL BORING LOCATIONS
-  TEST PIT LOCATIONS

NOTES

1. BASE MAP PROVIDED BY CHAZEN ENGINEERING, CO., P.C. DATED 7/15/09.
2. HORIZONTAL POSITIONS ARE REFERENCED TO THE NEW YORK STATE PLANE COORDINATE SYSTEM, LONG ISLAND ZONE. THE REFERENCE DATUM IS NORTH AMERICAN DATUM OF 1983(NAD83)(CORS96)(EPOCH2002.00)
3. VERTICAL DATUM IS BASED UPON NAVD88.
4. MONITORING WELLS AND SOIL GAS LOCATIONS LOCATED IN PARCEL 3 WERE BASED ON A FIELD SURVEY CONDUCTED ON JULY 19, 2006.
5. MONITORING WELLS, TEST PITS & SOIL BORINGS LOCATED IN PARCEL 1 & 2 WERE BASED ON A FIELD SURVEY CONDUCTED ON JULY 10 & 13, 2009.
6. SOIL BORINGS SB-20 AND SB-24 WERE NOT SURVEYED. THEIR ILLUSTRATED LOCATIONS ARE APPROXIMATE.



SCALE: 1"=80'

FIGURE 3
CON EDISON
FORMER FARRINGTON STREET WORKS
NEW YORK, NEW YORK

SAMPLE LOCATION MAP

PARSONS
301 PLAINFIELD ROAD, SUITE 350, SYRACUSE, NEW YORK 13212 PHONE:315-451-9560

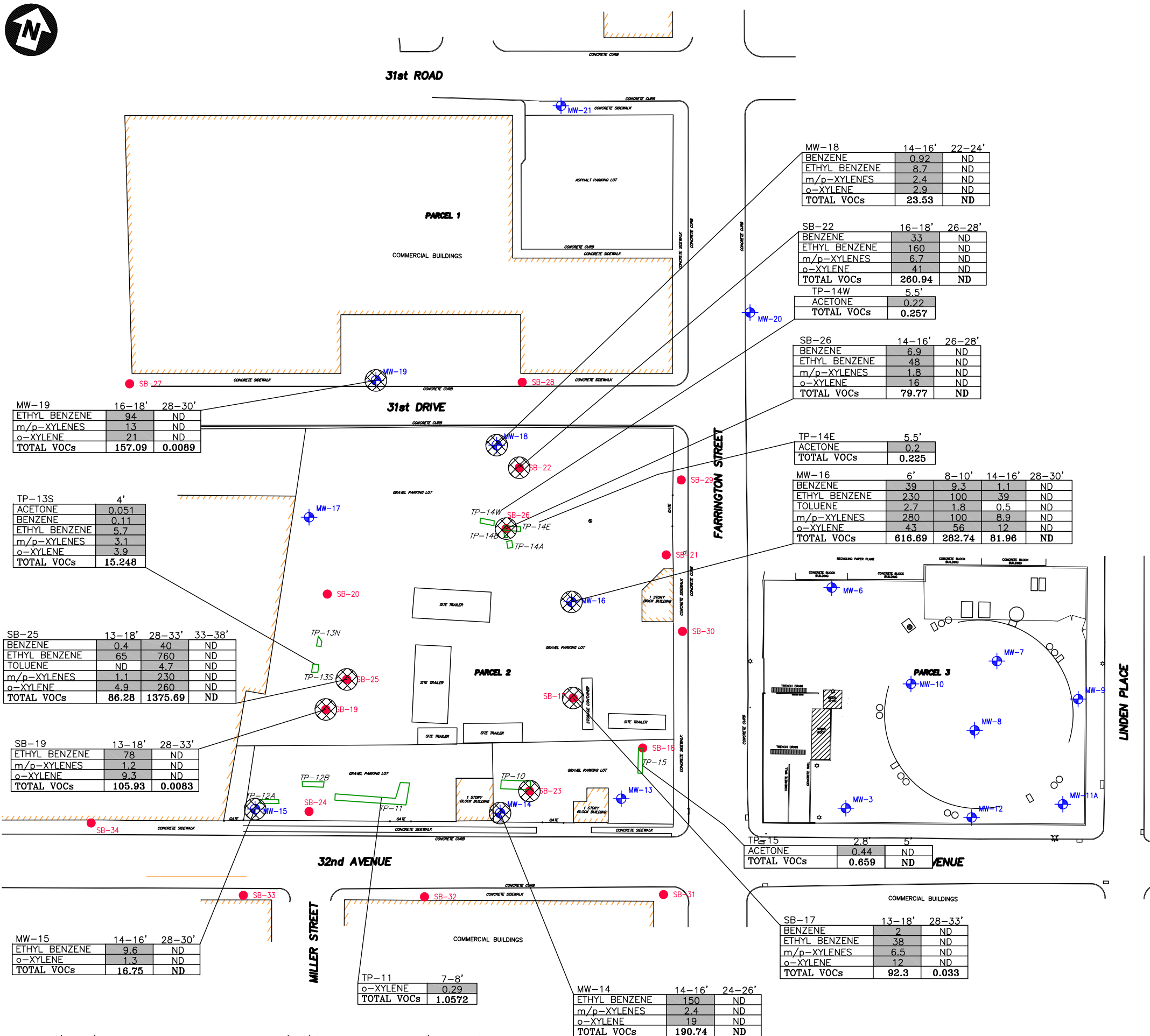


LEGEND:

- MONITORING WELL LOCATIONS
- SOIL BORING LOCATIONS
- TEST PIT LOCATIONS
- NAPL OBSERVED DURING INSTALLATION

NOTES:

1. ALL CONCENTRATIONS ARE IN PARTS PER MILLION (ppm).
2. SHADED VALUES EXCEED 6 NYCRR PART 375 UNRESTRICTED SOIL CLEANUP OBJECTIVES.
3. ND = NOT DETECTED
4. VOCs WERE NOT DETECTED EXCEEDING 6 NYCRR PART 375 UNRESTRICTED SOIL CLEANUP OBJECTIVES IN SUBSURFACE SOIL SAMPLES COLLECTED FROM MW-13, MW-17, MW-20, MW-21, SB-18, SB-21, SB-23, SB-24, SB-27 THROUGH SB-34, TP-12, AND TP-13N.
5. SOIL SAMPLES WERE NOT COLLECTED FROM SB-20.



SCALE: 1"=80'

FIGURE 4
 CON EDISON
 FORMER FARRINGTON STREET WORKS
 NEW YORK, NEW YORK
 SUMMARY OF VOCs
 DETECTED IN SUBSURFACE SOIL

PARSONS
 301 PLAINFIELD ROAD, SUITE 350, SYRACUSE, NEW YORK 13212 PHONE:315-451-9560



TP-13N	5.5'
BENZO(a)ANTHRACENE	4.6
BENZO(a)PYRENE	3.4
BENZO(b)FLUORANTHENE	3.3
BENZO(k)FLUORANTHENE	1.1
CHRYSENE	4.5
DIBENZO(a,h)ANTHRACENE	0.34
IDENO(1,2,3-cd)PYRENE	0.82
TOTAL SVOCs	84.66

SB-25	13-18'	28-33'	33-38'
DIBENZOFURAN	ND	59	ND
ACENAPHTHENE	140	650	0.25
ANTHRACENE	57	370	0.14
BENZO(a)ANTHRACENE	34	230	0.1
BENZO(a)PYRENE	22	150	0.069
BENZO(b)FLUORANTHENE	20	140	0.058
BENZO(k)FLUORANTHENE	6	37	ND
CHRYSENE	33	230	0.1
DIBENZO(a,h)ANTHRACENE	1.9	20	ND
FLUORANTHENE	59	360	0.19
FLUORENE	61	360	0.15
INDENO(1,2,3-cd)PYRENE	6.4	57	ND
NAPHTHALENE	680	2900	0.62
PHENANTHRENE	180	1000	0.53
PYRENE	76	480	0.24
TOTAL SVOCs	1689.9	8236	2.831

MW-19	16-18'	28-30'
DIBENZOFURAN	7.2	ND
ACENAPHTHENE	110	0.26
BENZO(a)ANTHRACENE	35	0.06
BENZO(a)PYRENE	22	ND
BENZO(b)FLUORANTHENE	19	ND
BENZO(k)FLUORANTHENE	6.7	ND
CHRYSENE	31	0.059
DIBENZO(a,h)ANTHRACENE	2.5	ND
FLUORENE	44	0.12
INDENO(1,2,3-cd)PYRENE	7	ND
NAPHTHALENE	580	0.69
PHENANTHRENE	160	0.35
TOTAL SVOCs	1436	2.34

MW-18	14-16'	22-24'
BENZO(a)ANTHRACENE	2.1	ND
CHRYSENE	1.8	ND
NAPHTHALENE	15	0.31
TOTAL SVOCs	44.818	0.84

SB-22	16-18'	26-28'
ACENAPHTHENE	100	0.12
BENZO(a)ANTHRACENE	20	ND
BENZO(a)PYRENE	12	ND
BENZO(b)FLUORANTHENE	11	ND
BENZO(k)FLUORANTHENE	4.1	ND
CHRYSENE	18	ND
DIBENZO(a,h)ANTHRACENE	1.1	ND
FLUORENE	37	0.046
INDENO(1,2,3-cd)PYRENE	3	ND
NAPHTHALENE	610	ND
PHENANTHRENE	120	0.17
TOTAL SVOCs	1388.7	0.554

SB-26	14-16'	24-26'
DIBENZOFURAN	9.2	ND
PENTACHLOROPHENOL	8.9	ND
PHENOL	0.4	ND
ACENAPHTHENE	180	0.1
BENZO(a)ANTHRACENE	35	ND
BENZO(a)PYRENE	22	ND
BENZO(b)FLUORANTHENE	17	ND
BENZO(k)FLUORANTHENE	6.8	ND
CHRYSENE	33	ND
DIBENZO(a,h)ANTHRACENE	2.6	ND
FLUORENE	81	0.044
INDENO(1,2,3-cd)PYRENE	5.5	ND
NAPHTHALENE	850	0.24
PHENANTHRENE	240	0.13
PYRENE	110	0.066
TOTAL SVOCs	2335	0.783

TP-13S	4'
DIBENZOFURAN	96
2-METHYLPHENOL	7.4
PHENOL	6.6
ACENAPHTHENE	82
ACENAPHTHYLENE	110
ANTHRACENE	190
BENZO(a)ANTHRACENE	200
BENZO(a)PYRENE	160
BENZO(b)FLUORANTHENE	160
BENZO(k)FLUORANTHENE	43
CHRYSENE	170
DIBENZO(a,h)ANTHRACENE	25
FLUORANTHENE	270
FLUORENE	190
INDENO(1,2,3-cd)PYRENE	59
NAPHTHALENE	680
PHENANTHRENE	580
PYRENE	370
TOTAL SVOCs	4451.1

SB-19	13-18'	28-33'
ACENAPHTHENE	96	0.13
BENZO(a)ANTHRACENE	34	0.086
BENZO(a)PYRENE	24	0.056
BENZO(b)FLUORANTHENE	21	0.05
BENZO(k)FLUORANTHENE	6.1	ND
CHRYSENE	34	0.083
DIBENZO(a,h)ANTHRACENE	2.2	ND
FLUORENE	42	0.07
INDENO(1,2,3-cd)PYRENE	7.1	ND
NAPHTHALENE	290	0.28
PHENANTHRENE	130	0.28
TOTAL SVOCs	1035.2	1.6

TP-12B	3.5'
BENZO(a)ANTHRACENE	2
BENZO(b)FLUORANTHENE	3.7
CHRYSENE	7.3
TOTAL SVOCs	62

MW-15	14-16'	28-30'
ACENAPHTHENE	33	0.49
BENZO(a)ANTHRACENE	12	0.16
BENZO(a)PYRENE	7.2	0.097
BENZO(b)FLUORANTHENE	6.5	0.074
BENZO(k)FLUORANTHENE	1.9	ND
CHRYSENE	11	0.14
DIBENZO(a,h)ANTHRACENE	0.76	ND
INDENO(1,2,3-cd)PYRENE	2.4	ND
NAPHTHALENE	100	0.31
TOTAL SVOCs	376.03	3.496

TP-11	7-8'
BENZO(a)ANTHRACENE	6.7
BENZO(a)PYRENE	9.3
BENZO(b)FLUORANTHENE	8.8
BENZO(k)FLUORANTHENE	2.8
CHRYSENE	7.4
DIBENZO(a,h)ANTHRACENE	0.7
INDENO(1,2,3-cd)PYRENE	1.7
TOTAL SVOCs	161.7

MW-14	14-16'	24-26'
DIBENZOFURAN	9	ND
ACENAPHTHENE	110	0.17
BENZO(a)ANTHRACENE	35	0.23
BENZO(a)PYRENE	24	0.15
BENZO(b)FLUORANTHENE	21	0.12
BENZO(k)FLUORANTHENE	8.6	0.055
CHRYSENE	33	0.21
DIBENZO(a,h)ANTHRACENE	2.3	ND
FLUORENE	53	0.056
INDENO(1,2,3-cd)PYRENE	6.2	ND
NAPHTHALENE	550	ND
PHENANTHRENE	180	0.16
TOTAL SVOCs	1505.2	2.28

TP-14W	5.5'
BENZO(a)ANTHRACENE	1.5
BENZO(a)PYRENE	1.1
BENZO(b)FLUORANTHENE	1.3
CHRYSENE	1.5
TOTAL SVOCs	31.749

MW-16	6'	8-10'	14-16'	28-30'
DIBENZOFURAN	13	1.5	ND	ND
ACENAPHTHENE	37	3.7	87	0.16
BENZO(a)ANTHRACENE	19	2.2	27	0.066
BENZO(a)PYRENE	12	1.5	17	0.04
BENZO(b)FLUORANTHENE	17	1.6	14	ND
BENZO(k)FLUORANTHENE	3.9	ND	4.6	ND
CHRYSENE	14	2.2	23	0.056
DIBENZO(a,h)ANTHRACENE	0.6	ND	1.7	ND
FLUORENE	24	5.7	50	0.095
INDENO(1,2,3-cd)PYRENE	2.7	0.85	5.9	ND
NAPHTHALENE	290	100	780	0.63
PHENANTHRENE	130	14	200	0.31
TOTAL SVOCs	847.2	237.55	1859.5	2.232

SB-17	13-18'	28-33'
ACENAPHTHENE	44	0.19
BENZO(a)ANTHRACENE	12	0.061
BENZO(a)PYRENE	8.3	ND
BENZO(b)FLUORANTHENE	7.6	ND
BENZO(k)FLUORANTHENE	1.9	ND
CHRYSENE	11	0.056
DIBENZO(a,h)ANTHRACENE	0.97	ND
INDENO(1,2,3-cd)PYRENE	2.7	ND
NAPHTHALENE	430	1.4
TOTAL SVOCs	993.37	3.678

TP-15	2.8'	5'
BENZO(a)ANTHRACENE	0.7	1.9
BENZO(a)PYRENE	0.87	2.8
BENZO(b)FLUORANTHENE	1.6	2.8
CHRYSENE	1.3	2.1
DIBENZO(a,h)ANTHRACENE	0.23	0.4
IDENO(1,2,3-cd)PYRENE	0.47	0.85
TOTAL SVOCs	12.86	21.2

MW-13	18-20'	24-26'
BENZO(a)ANTHRACENE	2.1	0.062
BENZO(a)PYRENE	1.3	0.039
BENZO(b)FLUORANTHENE	1	ND
CHRYSENE	1.8	0.053
TOTAL SVOCs	19.66	0.647

SB-23	13-18'	28-33'
ACENAPHTHENE	40	ND
BENZO(a)ANTHRACENE	12	ND
BENZO(a)PYRENE	8.1	ND
BENZO(b)FLUORANTHENE	6.8	ND
BENZO(k)FLUORANTHENE	2.2	ND
CHRYSENE	11	ND
DIBENZO(a,h)ANTHRACENE	1	ND
INDENO(1,2,3-cd)PYRENE	3.3	ND
NAPHTHALENE	220	ND
TOTAL SVOCs	571.76	ND

LEGEND:

- MONITORING WELL LOCATIONS
- SOIL BORING LOCATIONS
- TEST PIT LOCATIONS
- NAPL OBSERVED DURING INSTALLATION

NOTES:

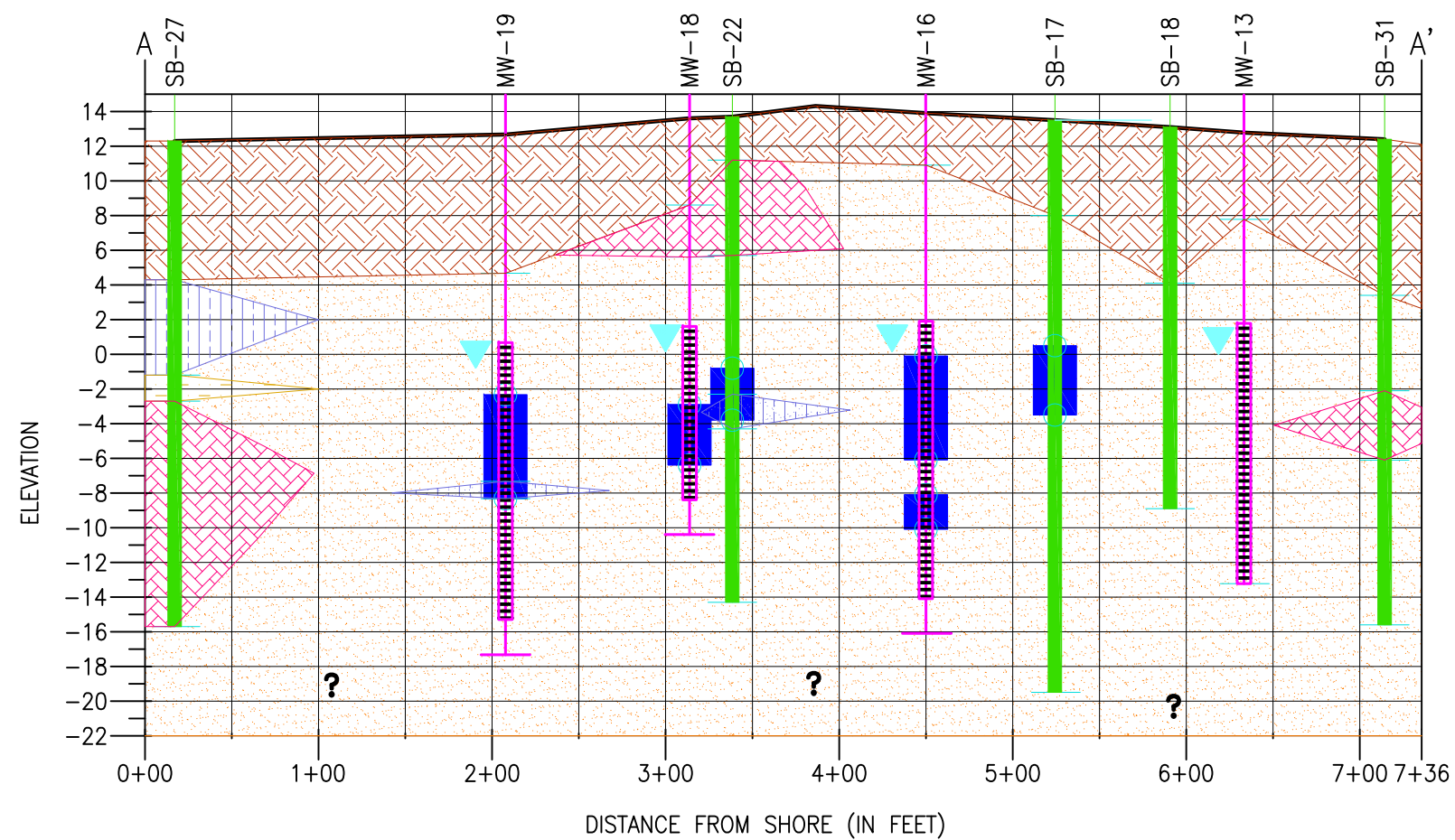
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2. SHADED VALUES EXCEED 6 NYCRR PART 375 UNRESTRICTED SOIL CLEANUP OBJECTIVES.
3. ND = NOT DETECTED
4. VOCs WERE NOT DETECTED EXCEEDING 6 NYCRR PART 375 UNRESTRICTED SOIL CLEANUP OBJECTIVES IN SUBSURFACE SOIL SAMPLES COLLECTED FROM MW-17, MW-20, MW-21, SB-18, SB-21, SB-24, SB-27 THROUGH SB-34, TP-12, AND TP-14E.



SCALE: 1"=80'

FIGURE 5
 CON EDISON
 FORMER FARRINGTON STREET WORKS
 NEW YORK, NEW YORK
 SUMMARY OF SVOCs
 DETECTED IN SUBSURFACE SOIL

PARSONS
 301 PLAINFIELD ROAD, SUITE 350, SYRACUSE, NEW YORK 13212 PHONE:315-451-9560

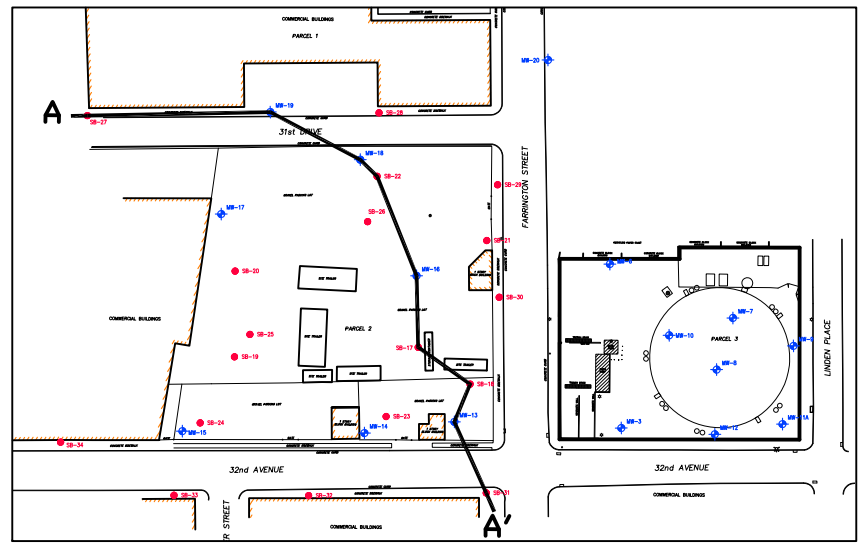


LEGEND:

	FILL
	GRAVEL
	SAND
	SAND AND GRAVEL
	SILT
	SAND/SILT
	LOOSE COBBLES/GRAVEL
	PEAT
	WELL SCREEN FOR MONITORING WELL
	SOIL BORING
	NAPL ENCOUNTERED
	ELEVATION OF WATER TABLE

NOTE:
1. ALL ELEVATIONS IN FEET ABOVE MEAN SEA LEVEL.

SECTION A-A'
(SEE BAR SCALES)



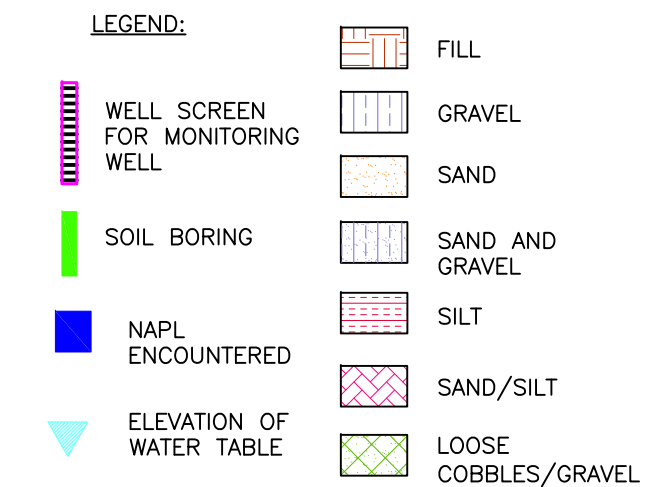
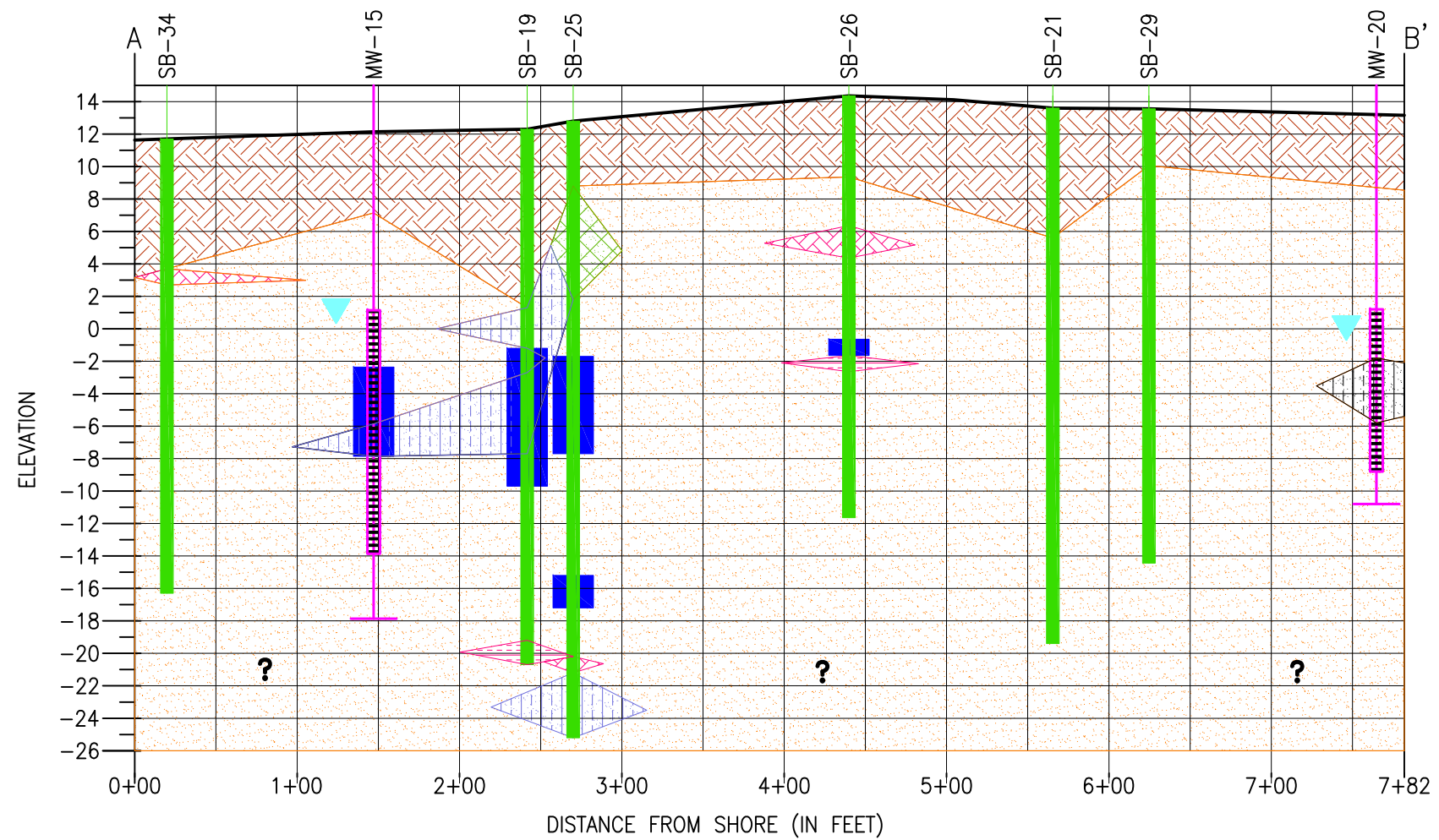
SECTION A-A' KEY PLAN
(NOT TO SCALE)



FIGURE 6
CON EDISON
FORMER FARRINGTON STREET WORKS
NEW YORK, NEW YORK

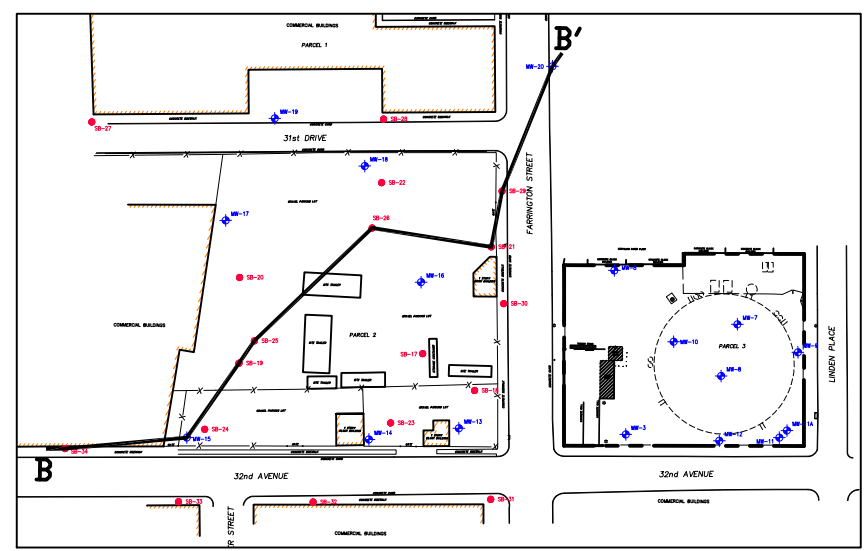
CROSS SECTION A-A'

PARSONS
301 PLAINFIELD ROAD, SUITE 350, SYRACUSE, NEW YORK 13212 PHONE:315-451-9560



NOTE:
1. ALL ELEVATIONS IN FEET ABOVE MEAN SEA LEVEL.

SECTION B-B'
(SEE BAR SCALES)



SECTION B-B' KEY PLAN
(NOT TO SCALE)



VERTICAL SCALE: 1"=10'






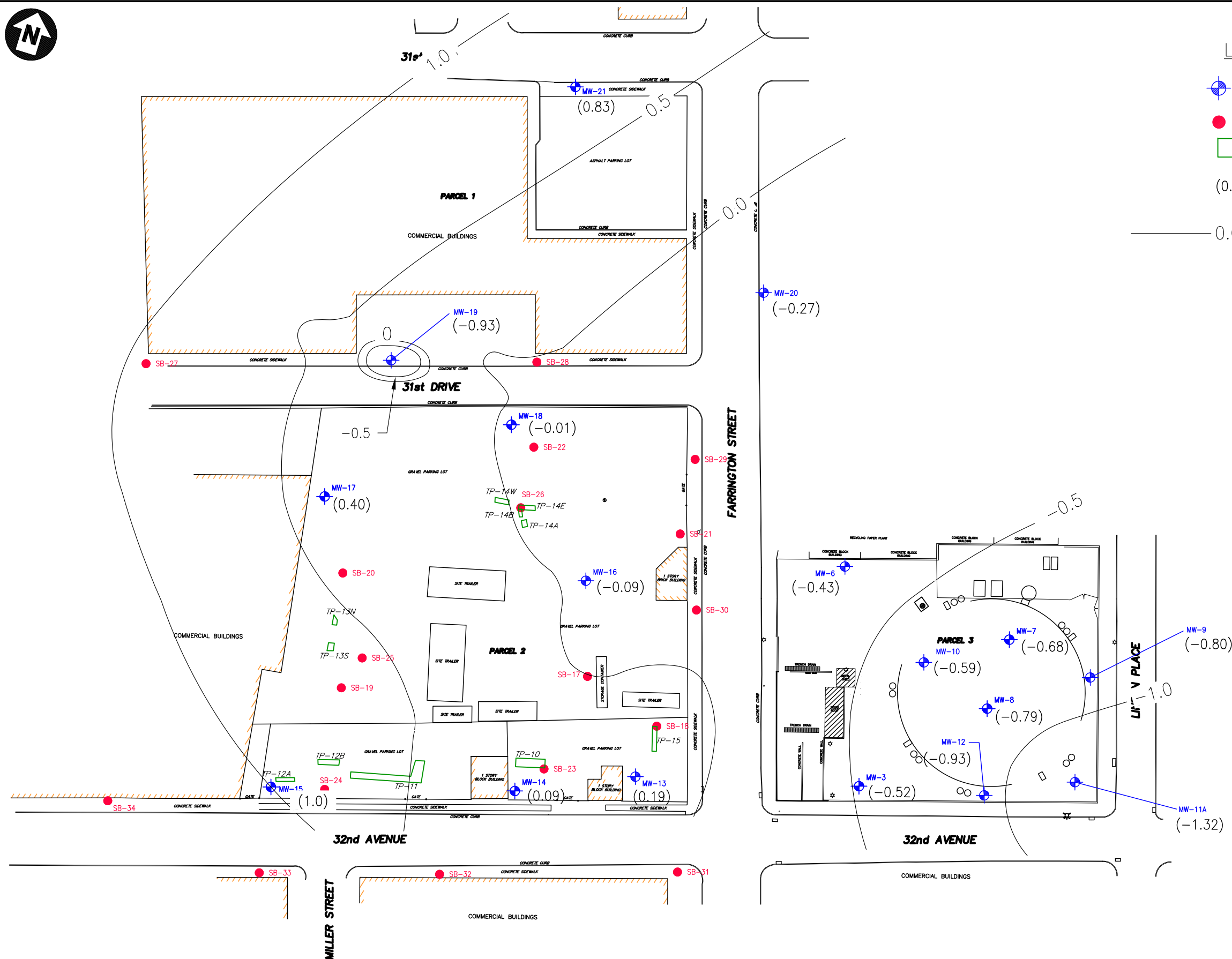
HORIZONTAL SCALE: 1"=100'

FIGURE 7
CON EDISON
FORMER FARRINGTON STREET WORKS
NEW YORK, NEW YORK
CROSS SECTION B-B'



LEGEND:

-  MW-18 MONITORING WELL LOCATIONS
-  SB-29 SOIL BORING LOCATIONS
-  TEST PIT LOCATIONS
- (0.19) GROUNDWATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL
- 0.0 — GROUNDWATER CONTOUR LINE (DASHED WHERE INFERRED)



SCALE: 1"=80'

FIGURE 8
 CON EDISON
 FORMER FARRINGTON STREET WORKS
 NEW YORK, NEW YORK
 GROUNDWATER CONTOUR MAP
 (JUNE 17, 2009)

PARSONS
 301 PLAINFIELD ROAD, SUITE 350, SYRACUSE, NEW YORK 13212 PHONE:315-451-9560



MW-19	
ISOPROPYLBENZENE	45
BENZENE	8.8
ETHYL BENZENE	310
TOLUENE	8.2
m/p-XYLENES	68
o-XYLENE	130
TOTAL VOCs	592.1
1,1-BIPHENYL	15
PENTACHLOROPHENOL	2.4
PHENOL	3
ACENAPHTHENE	94
NAPHTHALENE	3000
TOTAL SVOCs	3469.8

MW-21	
PHENOL	4.1
TOTAL SVOCs	6.5

MW-20	
METHYL TERT-BUTYL ETHER	24
BENZENE	3.4
CIS-1,2-DICHLOROETHENE	5.7
TOTAL VOCs	34.2
PHENOL	1.7
ACENAPHTHENE	22
TOTAL SVOCs	26.4

MW-16	
ISOPROPYLBENZENE	110
BENZENE	2300
ETHYL BENZENE	250
TOLUENE	17
m/p-XYLENES	67
o-XYLENE	170
TOTAL VOCs	2933.4
1,1-BIPHENYL	9.9
PENTACHLOROPHENOL	4.2
PHENOL	22
ACENAPHTHENE	180
NAPHTHALENE	1900
TOTAL SVOCs	2681.1

MW-18	
ISOPROPYLBENZENE	75
BENZENE	940
ETHYL BENZENE	170
m/p-XYLENES	16
o-XYLENE	32
TOTAL VOCs	1256.5
PHENOL	18
ACENAPHTHENE	82
NAPHTHALENE	380
TOTAL SVOCs	759.4

MW-17	
METHYL TERT-BUTYL ETHER	57
BENZENE	9.9
TOTAL VOCs	73.2
PHENOL	1.4
ACENAPHTHENE	23
NAPHTHALENE	11
TOTAL SVOCs	73.3

MW-15	
ISOPROPYLBENZENE	24
BENZENE	13
ETHYL BENZENE	94
o-XYLENE	17
TOTAL VOCs	161.1
ACENAPHTHENE	130
BENZO(a)ANTHRACENE	1.6
CHRYSENE	1.5
NAPHTHALENE	220
TOTAL SVOCs	427.8

MW-14		DUP
ISOPROPYLBENZENE	14	15
BENZENE	2.8	2.9
ETHYL BENZENE	90	120
o-XYLENE	25	25
CIS-1,2-DICHLOROETHENE	8.1	8.4
VINYL CHLORIDE	2.4	1.2
TOTAL VOCs	158.3	190.8
1,1-BIPHENYL	ND	6.7
PHENOL	ND	6.9
ACENAPHTHENE	9.2	110
BENZO(a)ANTHRACENE	ND	2.3
BENZO(a)PYRENE	ND	1.3
BENZO(b)FLUORANTHENE	ND	1.2
CHRYSENE	ND	2.2
NAPHTHALENE	21	650
PHENANTHRENE	2.1	53
TOTAL SVOCs	42.6	1015.6

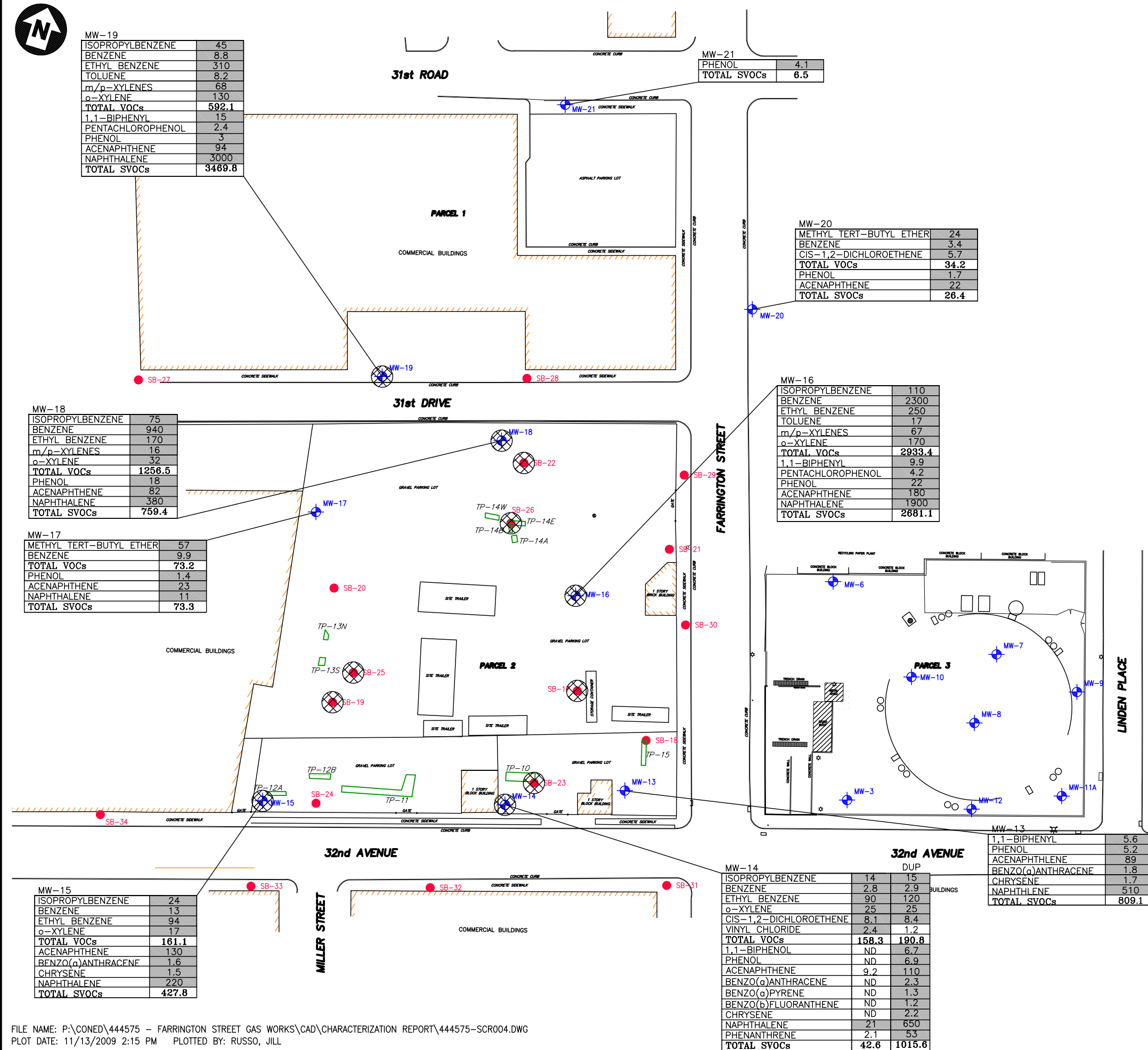
MW-13	
1,1-BIPHENYL	5.6
PHENOL	5.2
ACENAPHTHENE	89
BENZO(a)ANTHRACENE	1.8
CHRYSENE	1.7
NAPHTHLENE	510
TOTAL SVOCs	809.1

LEGEND:

- MONITORING WELL LOCATIONS
- SOIL BORING LOCATIONS
- TEST PIT LOCATIONS
- NAPL OBSERVED DURING INSTALLATION

NOTES:

1. ALL CONCENTRATIONS ARE IN PARTS PER BILLION (ppb).
2. SHADED VALUES EXCEED NYSDEC GROUNDWATER QUALITY STANDARDS OR GUIDANCE VALUES (TOGS 1.1.1).
3. VOCs WERE NOT DETECTED IN GROUNDWATER SAMPLES COLLECTED FROM MW-13 AND MW-21.
4. ND = NOT DETECTED



SCALE: 1"=80'

FIGURE 9

CON EDISON
FORMER FARRINGTON STREET WORKS
NEW YORK, NEW YORK

SUMMARY OF VOCs & SVOCs
DETECTED IN GROUNDWATER



301 PLAINFIELD ROAD, SUITE 350, SYRACUSE, NEW YORK 13212 PHONE:315-451-9560

APPENDIX A


SOIL BORING AND MONITORING WELL LOGS

Contractor: ADT					PARSONS DRILLING RECORD		BORING/ WELL NO. SB - 17	
Driller: Jiri Kamenicek, Rayvon Mortley					PROJECT NAME: Con Edison / Farrington St.		Location Description: Farrington St./Con Edison Yard	
Inspector: Zohar Lavy					PROJECT NUMBER: 444575-03000			
Rig Type: Geoprobe 6620 DT								
GROUNDWATER OBSERVATIONS					Weather: Clear, 60's, Wind: 0-5 mph W		Location Plan	
Water Level	~14'				Date/Time Start: 5/20/09 1050		See Site Plan	
Date	5/21/09				Date/Time Finish: 5/21/09 1040			
Time								
Meas. From	5' Acetate Sleeves							
Sample Depth	Sample I.D.	SPT	% Rec.	PID (ppm)	FIELD IDENTIFICATION OF MATERIAL		SCHEMATIC (drawing not to scale)	COMMENTS
+3								
+2								
+1								
0		Vac-tron			0"-4.5' Dark brown/grey coarse SAND and medium to coarse angular GRAVEL, some Cobble Stone, trace Silt			
1		Vac-tron						
2		Vac-tron						
3		Vac-tron						
4		Vac-tron		105.0	4.5'-8' Dark brown/dark grey fine to coarse SAND, some sub-round Gravel, trace Silt			
5		Vac-tron						
6		Vac-tron						
7		Vac-tron						
8		NA	67	354.0	Black fine to medium SAND, little sub-angular Gravel, little light grey fine to medium Sand, trace Silt, moist, hydrocarbon odor, staining			
9								
10								
11								
12								
13	SB-17 (13-18)	NA	100	484.0	0"-20" Dark brown/black fine SAND, trace sub-round Gravel, saturated, hydrocarbon odor, staining, NAPL globules, sheen; 20"-50" Black fine to medium SAND, trace fine Gravel and Silt, saturated, hydrocarbon odor, NAPL globules			
14				256.0				
15								
16				321.0	50"-60" Black fine to medium SAND, trace Silt and Mica, hydrocarbon odor, staining			
17								
18		NA	100	335.0	0"-44" Black fine to medium SAND, trace Silt and Mica, hydrocarbon odor, staining			
19				10.1	44"-60" Orange/brown medium to coarse SAND, trace fine Gravel, trace Mica			
20								
21								
22								
23		NA	67	10.0	0"-30" Orange/brown medium to coarse SAND, trace fine Gravel, trace Mica			
24				0.5	30"-40" Tan/Orange fine SAND and SILT			
25								
26								
27								
28	SB-17 (28-33)	NA	33	1.6	Brown coarse SAND, trace Mica			
29								
30								
31								
32								
33					End Boring at 33' bgs			
34								
35								
36								
37								
SAMPLING METHOD WH = WEIGHT OF RODS HC = HAND CLEARED VC = VACUUM CLEARED GP = GEOPROBE/DIRECT PUSH					COMMENTS: Boring was hand cleared to 8' bgs; Geoprobe from 8' to 33' bgs HCN not detected in any interval.			


PARSONS DRILLING RECORD					BORING/ WELL NO. SB - 18	
Contractor: <u>ADT</u> Driller: <u>Jiri Kamenicek, Andrea Babel</u> Inspector: <u>Zohar Lavy</u> Rig Type: <u>Geoprobe 6620 DT</u>					Sheet <u>1</u> of <u>1</u> Location Description: <u>Farrington St./Hawkeye Yard</u>	
PROJECT NAME: <u>Con Edison / Farrington St.</u> PROJECT NUMBER: <u>444575-03000</u>					Location Plan See Site Plan	
GROUNDWATER OBSERVATIONS					FIELD IDENTIFICATION OF MATERIAL	
Water Level	~14'				Weather: Clear, 60's, Wind: 5-10 mph W	
Date	5/26/09				Date/Time Start: 5/19/09 1000	
Time					Date/Time Finish: 5/26/09 1000	
Meas. From	5' Acetate Sleeves					
Sample Depth	Sample I.D.	SPT	% Rec.	PID (ppm)	SCHEMATIC (drawing not to scale)	COMMENTS
+3						
+2						
+1						
0		Vac-tron		0.0		0"-1' Dark brown medium to coarse SAND and Gravel, trace Silt
1		Vac-tron		0.0		1'-1.8' COBBLE STONE
2		Vac-tron		0.0		1.8'-5' Orange/brown medium to coarse SAND, some Gravel, trace Silt and Cobble
3		Vac-tron				
4		Vac-tron				
5		Vac-tron		0.0		5'-8' Yellow/brown fine to coarse SAND, trace Silt
6		Vac-tron				
7		Vac-tron				
8	SB-18 (8-13)	NA	90	3.6		0"-14" Dark brown medium to coarse SAND and COBBLE
9				0.1		14"-35" Orange/tan medium SAND, some Silt, little sub-round Gravel
10				1.3		35"-54" Orange/brown medium to coarse SAND, trace fine Gravel, moist
11						
12						
13		NA	100	0.5		0"-12" Dark green/tan medium to coarse SAND, moist
14				0.7		12"-50" Dark orange/brown medium to coarse SAND, trace Silt, trace sub-round Gravel, saturated
15				0.7		50"-60" Dark orange/brown coarse SAND, saturated
16						
17						
18	SB-18 (18-22)	NA	46	0.5		0"-20" Dark orange/brown coarse SAND, saturated
19				0.5		20"-38" Dark orange/brown coarse SAND, trace Silt and Mica, saturated
20				0.5		38"-46" Light brown/orange fine to medium SAND, trace Silt and Mica
21						
22						End Boring at 22' bgs
23						
24						
25						
26						
27						
28						
29						
30						
31						
32						
33						
34						
35						
36						
37						

SAMPLING METHOD
 WH = WEIGHT OF RODS
 HC = HAND CLEARED
 VC = VACUUM CLEARED
 GP = GEOPROBE/DIRECT PUSH

COMMENTS:
 Boring was hand cleared to 8' bgs; Geoprobe from 8' to 22' bgs
 Geoprobe refusal at 22' bgs
 HCN not detected in any interval.


Contractor: ADT					PARSONS DRILLING RECORD		BORING/ WELL NO. SB - 19	
Driller: Jiri Kamenicek, Rayvon Mortley					PROJECT NAME: Con Edison / Farrington St.		Sheet 1 of 1	
Inspector: Zohar Lavy					PROJECT NUMBER: 444575-03000		Location Description: Farrington St./Con Edison Yard	
Rig Type: Geoprobe 6620 DT								
GROUNDWATER OBSERVATIONS					Weather: Clear, 60's, Wind: 0-5 mph W		Location Plan	
Water Level	~14'				Date/Time Start: 5/20/09 1020		See Site Plan	
Date	5/21/09				Date/Time Finish: 5/21/09 1410			
Time								
Meas. From	5' Acetate Sleeves							
Sample Depth	Sample I.D.	SPT	% Rec.	PID (ppm)	FIELD IDENTIFICATION OF MATERIAL	SCHEMATIC (drawing not to scale)	COMMENTS	
+3								
+2								
+1								
0		Vac-tron		0.0	0'-1' Dark brown medium to coarse SAND, little Silt, trace Cobble			
1		Vac-tron		0.0	1'-2' Dark brown medium to coarse SAND, little Silt, trace Cobble and sub-angular Gravel and Slag			
2		Vac-tron						
3		Vac-tron		12.5	2'-5' Dark brown medium to coarse SAND, trace Silt and Cobble, slight hydrocarbon odor			
4		Vac-tron						
5		Vac-tron		30.0	5'-8' Dark brown/black medium to coarse SAND, trace Cobble and Silt and Slag, heavy hydrocarbon odor			
6		Vac-tron						
7		Vac-tron						
8		NA	83	162.0	0'-40" Brown medium to coarse SAND and COBBLE, some Gravel, trace Silt, slight hydrocarbon odor			
9								
10					40"-50" Dark brown medium SAND and fine GRAVEL, moist, heavy hydrocarbon odor			
11								
12								
13	SB-19 (13-18)	NA	67	423.0	0'-5" Dark brown medium SAND and fine GRAVEL, moist, heavy hydrocarbon odor			
14					5"-30" Dark brown/grey fine to medium SAND, little sub-angular Gravel, trace Silt, saturated, heavy hydrocarbon odor, staining, NAPL globules			
15					30"-40" Black medium to coarse SAND and fine GRAVEL, little Silt, saturated, heavy hydrocarbon odor, staining, NAPL globules			
16								
17								
18		NA	100	286.0	0'-20" Black medium to coarse SAND and fine GRAVEL, little Silt, saturated, heavy hydrocarbon odor, staining, NAPL globules			
19								
20				286.0	20"-50" Black medium to coarse SAND, trace Silt, heavy hydrocarbon odor, staining, small NAPL globules			
21								
22				15.3	50"-60" Brown fine to medium SAND, little Silt			
23		NA	50	305.0	0'-20" Dark brown/black medium to coarse SAND, trace Silt, hydrocarbon odor, staining, sheen			
24								
25				2.3	20"-30" Orange/brown fine SAND, some Silt			
26								
27								
28	SB-19 (28-33)	NA	30	12.9	0'-8" Orange/brown fine SAND, some Silt, little Clay			
29				8.2	8"-18" Dark grey SILT, some Clay, little medium to coarse Sand, trace Gravel			
30								
31								
32								
33								
34								
35								
36								
37								
SAMPLING METHOD WH = WEIGHT OF RODS HC = HAND CLEARED VC = VACUUM CLEARED GP = GEOPROBE/DIRECT PUSH					COMMENTS: Boring was hand cleared to 8' bgs; Geoprobe from 8' to 33' bgs HCN not detected in any interval.			


Contractor: ADT Driller: Bernie Cruz, Jeramie Mayer Inspector: Rene Robles Rig Type: Hand/Mini-Vac					PARSONS DRILLING RECORD					Sheet 1 of 1	
					PROJECT NAME: Con Edison / Farrington St. PROJECT NUMBER: 444575-03000					BORING/ WELL NO. SB - 20 Location Description: Farrington St./Con Edison Yard	
GROUNDWATER OBSERVATIONS					Weather: Clear, 60's, Wind: 0-5 mph W					Location Plan	
Water Level					Date/Time Start: 5/20/09 0800					See Site Plan	
Date					Date/Time Finish: 5/20/09 1315						
Time					FIELD IDENTIFICATION OF MATERIAL					SCHEMATIC (drawing not to scale)	
Meas. From											
Sample Depth	Sample I.D.	SPT	% Rec.	PID (ppm)							
+3					0-3" = Dark brown fine to medium SAND, some coarse angular Gravel, little Silt, dry, medium dense. 3"-4.5' = Dark brown fine to medium SAND, some wood debris. 4.5'- 7' = Light brown-orange Crushed Slag, little Sand, trace Silt, dry, medium dense. Refusal at 7' bgs.						
+2											
+1											
0		Vac-tron		0.0							
1		Vac-tron									
2		Vac-tron		0.0							
3		Vac-tron									
4		Vac-tron									
5		Vac-tron									
6		Vac-tron									
7		Vac-tron									
8					End Boring at 7' bgs						
9											
10											
11											
12											
13											
14											
15											
16											
17											
18											
19											
20											
21											
22											
23											
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25											
26											
27											
28											
29											
30											
31											
32											
33											
34											
35											
36											
37											
SAMPLING METHOD WH = WEIGHT OF RODS HC = HAND CLEARED VC = VACUUM CLEARED GP = GEOPROBE/DIRECT PUSH					COMMENTS: Boring was hand cleared to 7' bgs; HCN not detected in any interval.						

Contractor: ADT					PARSONS DRILLING RECORD		BORING/ WELL NO. SB - 21	
Driller: Jiri Kamenicek, Rayvon Mortley					PROJECT NAME: Con Edison / Farrington St.		Location Description:	
Inspector: Zohar Lavy					PROJECT NUMBER: 444575-03000		Farrington St./Con Edison Yard	
Rig Type: Geoprobe 6620 DT								
GROUNDWATER OBSERVATIONS					Weather: Clear, 60's, Wind: 0-5 mph W		Location Plan	
Water Level	~14'				Date/Time Start: 5/20/09 0800		See Site Plan	
Date	5/22/09				Date/Time Finish: 5/22/09 1315			
Time								
Meas. From	5' Acetate Sleeves							
Sample Depth	Sample I.D.	SPT	% Rec.	PID (ppm)	FIELD IDENTIFICATION OF MATERIAL		SCHEMATIC (drawing not to scale)	COMMENTS
+3								
+2								
+1								
0		Vac-tron		0.0	0"-3" Dark brown fine to medium SAND, some medium to coarse angular Gravel, little Silt			
1		Vac-tron						
2		Vac-tron		0.0	3"-8" Brown fine to medium SAND, some Silt and fine to coarse angular to sub-round Gravel, trace coarse rounded Cobble			
3		Vac-tron						
4		Vac-tron						
5		Vac-tron						
6		Vac-tron						
7		Vac-tron						
8		NA	67	5.3	0"-15" Dark brown medium to coarse SAND, little sub-angular Gravel, trace Silt			
9					15"-40" Orange/brown medium SAND, trace Gravel and Silt and Mica			
10								
11								
12								
13	SB-21 (13-18)	NA	100	29.6	0"-12" Orange/brown medium SAND, trace Gravel and Silt and Mica			
14				14.8	12"-20" Orange/brown medium SAND, trace Gravel and Silt and Mica, saturated			
15				112.0	20"-30" Black fine to medium SAND, trace Silt and Mica, hydrocarbon odor, staining, sheen; 30"-60" Dark grey/tan medium to coarse SAND, some fine Gravel, slight hydrocarbon odor			
16				8.3				
17								
18		NA	33	13.8	Dark brown/grey coarse SAND, trace fine Gravel and Mica, saturated			
19								
20								
21								
22								
23		NA	58	27.1	0"-28" Light brown/tan medium to coarse SAND, trace Mica, saturated			
24				5.9	28"-35" Light brown/tan medium to coarse SAND, trace Mica, saturated			
25								
26								
27								
28	SB-21 (28-33)	NA	67	3.2	Light brown/tan medium to coarse SAND, trace Mica, saturated			
29								
30								
31								
32								
33								
34					End Boring at 33' bgs			
35								
36								
37								
SAMPLING METHOD WH = WEIGHT OF RODS HC = HAND CLEARED VC = VACUUM CLEARED GP = GEOPROBE/DIRECT PUSH					COMMENTS: Boring was hand cleared to 8' bgs; Geoprobe from 8' to 33' bgs HCN not detected in any interval.			

Contractor: ADT					PARSONS DRILLING RECORD		BORING/ WELL NO. SB - 22	
Driller: Jeremy Meyers, Chris Migliori					PROJECT NAME: Con Edison / Farrington St.		Location Description: Farrington St./Con Edison Yard	
Inspector: Zohar Lavy					PROJECT NUMBER: 444575-03000			
Rig Type: Track Mounted HSA - CME55								
GROUNDWATER OBSERVATIONS					Weather: Clear, 60's, Wind: 5-10 mph NW		Location Plan	
Water Level	~14'				Date/Time Start: 5/1/09 0845		See Site Plan	
Date	5/15/09				Date/Time Finish: 5/15/09 1305			
Time								
Meas. From	Split spoon							
Sample Depth	Sample I.D.	SPT	% Rec.	PID (ppm)	FIELD IDENTIFICATION OF MATERIAL		SCHEMATIC (drawing not to scale)	COMMENTS
+3								
+2								
+1								
0		Vac-tron		0.0	0"-1' Yellow/brown fine to coarse SAND, some fine to coarse angular Gravel, trace Silt			
1		Vac-tron						
2		Vac-tron		12.5	1'-2.5' Dark brown/black fine to medium SAND, some Silt, trace coarse angular Gravel and Metal			
3		Vac-tron						
4		Vac-tron		1.3	2.5'-8' Yellow/brown fine to coarse SAND and SILT, little sub-angular Gravel, moist			
5		Vac-tron						
6		Vac-tron						
7		Vac-tron						
8		11-11-15-17	25	140.0	Dark grey/brown fine SAND, little Silt, trace Gravel, moist, hydrocarbon odor, staining			
9								
10		5-12-17-11	42	194.0	0"-6" Dark grey/brown fine SAND, little Silt, trace Gravel, moist, hydrocarbon odor, staining; 6"-10" Tan medium SAND, hydrocarbon odor			
11								
12		9-7-8-9	100	1494.0	0"-18" Tan medium SAND, hydrocarbon odor; 18"-22" Dark brown medium-coarse SAND, hydrocarbon odor; 22"-24" Tan medium to coarse SAND, moist, hydrocarbon odor			
13								
14		4-7-7-6	75	1100.0	0"-8" Tan medium to coarse SAND, moist, hydrocarbon odor; 8"-18" Dark brown/black coarse SAND and fine sub-round GRAVEL, saturated, hydrocarbon odor, staining, NAPL			
15								
16	SB-22 (16-18)	4-5-5-7	100	1315.0	0"-6" Dark brown/black coarse SAND and fine sub-round GRAVEL, saturated, hydrocarbon odor, staining, NAPL; 6"-18" Dark brown/black medium to coarse SAND, saturated, hydrocarbon odor, staining, NAPL; 18"-24" Dark grey medium SAND, saturated, hydrocarbon odor, staining, sheen			
17								
18		9-5-5-6	50	324.0	Dark grey medium SAND, saturated, hydrocarbon odor, staining, sheen			
19								
20		2-3-4-8	83	303.0	0"-14" Dark grey medium SAND, saturated, hydrocarbon odor, staining, sheen; 14"-20" Dark brown/black medium to coarse SAND, saturated, hydrocarbon odor, staining			
21								
22		4-4-9-11	58	325.0	Grey/tan medium to coarse SAND, saturated, hydrocarbon odor, staining			
23								
24		4-3-4-4	75	219.0	0"-10" Grey/tan medium to coarse SAND, saturated, hydrocarbon odor, staining			
25					10"-18" Dark brown coarse SAND, saturated, slight hydrocarbon odor			
26	SB-22 (26-28)	5-6-5-8	58	3.5	0"-3" Dark brown coarse SAND, saturated, slight hydrocarbon odor			
27					3"-14" Brown medium to coarse SAND, trace Mica, saturated			
28					End Boring at 28' bgs			
29								
30								
31								
32								
33								
34								
35								
36								
37								
SAMPLING METHOD WH = WEIGHT OF RODS HC = HAND CLEARED VC = VACUUM CLEARED GP = GEOPROBE/DIRECT PUSH					COMMENTS: Boring was hand cleared to 8' bgs Hollow Stem Augers used from 8'-28' bgs. HCN not detected in any interval.			

Contractor: ADT					PARSONS DRILLING RECORD		BORING/ WELL NO. SB - 23	
Driller: Jiri Kamenicek, Andrea Babel					PROJECT NAME: Con Edison / Farrington St.		Location Description: Farrington St./Hawkeye Yard	
Inspector: Zohar Lavy					PROJECT NUMBER: 444575-03000			
Rig Type: Geoprobe 6620 DT								
GROUNDWATER OBSERVATIONS					Weather: Clear, 60's, Wind: 5-10 mph W		Location Plan	
Water Level	~13'				Date/Time Start: 5/7/09 1120		See Site Plan	
Date	5/26/09				Date/Time Finish: 5/26/09 1135			
Time								
Meas. From	5' Acetate Sleeves							
Sample Depth	Sample I.D.	SPT	% Rec.	PID (ppm)	FIELD IDENTIFICATION OF MATERIAL		SCHEMATIC (drawing not to scale)	COMMENTS
+3								
+2								
+1								
0		Vac-tron		0.5	0"-1.5' Dark brown medium to coarse SAND and GRAVEL, trace Silt			
1		Vac-tron			1.5'-2' COBBLE STONE			
2		Vac-tron		3.1	2'-5' Dark brown medium to coarse SAND, some Gravel, trace Cobble and Silt			
3		Vac-tron						
4		Vac-tron						
5		Vac-tron		0.0	5'-7' Brown fine to coarse SAND, little fine to coarse angular to sub-round Gravel, moist; 7'-8' Brown fine to coarse SAND, some fine to coarse rounded Cobble, little fine to coarse angular to sub-round Gravel, moist			
6		Vac-tron		0.0				
7		Vac-tron						
8		NA	100	2.1	0"-25" Dark brown/tan medium to coarse SAND and sub-round GRAVEL and COBBLE			
9								
10				5.6	25"-32" Dark brown medium SAND and sub-round GRAVEL			
11				307.0	32"-58" Black/grey medium SAND, little sub-round Gravel, trace Mica and Silt, moist, hydrocarbon odor, staining, NAPL globules			
12					58"-60" Black/grey medium SAND, little sub-round Gravel, trace Mica and Silt, saturated, hydrocarbon odor, staining, NAPL globules			
13	SB-23 (13-18)	NA	100	458.0	0"-15" Black/grey medium SAND, little sub-round Gravel, trace Mica and Silt, saturated, hydrocarbon odor, staining, NAPL			
14					15"-60" Dark grey fine to medium SAND, saturated, hydrocarbon odor, staining, NAPL			
15								
16								
17								
18		NA	100	105.0	0"-14" Dark grey fine to medium SAND, trace Silt and Mica, hydrocarbon odor, staining NAPL globules			
19								
20				15.3	14"-60" Dark green/grey fine to medium SAND, little Silt, trace Mica			
21								
22								
23		NA	50	3.2	0"-15" Dark brown/orange coarse SAND, trace sub-round Gravel			
24				96.5	15"-19" Black/dark grey coarse SAND, trace sub-round Gravel and Silt, hydrocarbon odor, staining, small globules			
25								
26				2.9	19"-30" Dark grey/tan medium to coarse SAND, trace fine Gravel and Mica			
27								
28	SB-23 (28-33)	NA	80	3.1	0"-14" Dark orange/grey medium to coarse SAND, trace Silt and sub-round Gravel and Mica			
29								
30				1.2	14"-48" Dark orange/red medium to coarse SAND, trace Silt			
31								
32								
33					End Boring at 33' bgs			
34								
35								
SAMPLING METHOD WH = WEIGHT OF RODS HC = HAND CLEARED VC = VACUUM CLEARED GP = GEOPROBE/DIRECT PUSH					COMMENTS: Boring was hand cleared to 8' bgs; Geoprobe from 8' to 33' bgs HCN not detected in any interval.			

Contractor: ADT Driller: Chris Straton, Bernie Cruz Inspector: Zohar Lavy Rig Type: Track Mounted HSA - LC55					PARSONS DRILLING RECORD			BORING/ Sheet 1 of 1 WELL NO. SB - 24	
PROJECT NAME: Con Edison / Farrington St. PROJECT NUMBER: 444575-03000					Location Description: 32nd Ave/ECI Yard				
GROUNDWATER OBSERVATIONS					Weather: Rain, 60's, Wind: 0-10 mph E			Location Plan	
Water Level	~12'				Date/Time Start: 6/5/09 0800			See Site Plan	
Date	6/5/09				Date/Time Finish: 6/5/09 0930				
Time									
Meas. From	Split spoon								
Sample Depth	Sample I.D.	SPT	% Rec.	PID (ppm)	FIELD IDENTIFICATION OF MATERIAL			SCHEMATIC <small>(drawing not to scale)</small>	COMMENTS
+3					0"-1' Red/brown fine to coarse SAND, some fine to medium angular Gravel, and Brick and Slag, little Silt 1'-7' Brown fine to medium SAND, little Silt, moist 7'-8' Brown fine to medium SAND, little Silt, saturated				
+2									
+1									
0		Vac-tron		0.0					
1		Vac-tron							
2		Vac-tron		0.0					
3		Vac-tron		0.0					
4		Vac-tron							
5		Vac-tron							
6		Vac-tron							
7		Vac-tron							
8		WH	0	NA	No Recovery				
9									
10	SB-24 (10-12)	1/12"-1/12"	33	0.0	Green/grey fine SAND little Silt, moist				
11									
12	SB-24 (12-14)	50/4"	13	15.3	Brown fine SAND and SILT and weathered GNEISS, saturated, hydrocarbon odor, staining				
13					End boring at 13' bgs				
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									
26									
27									
28									
29									
30									
31									
32									
33									
34									
35									
36									
37									
38									
SAMPLING METHOD WH = WEIGHT OF RODS HC = HAND CLEARED VC = VACUUM CLEARED GP = GEOPROBE/DIRECT PUSH					COMMENTS: Boring was hand cleared to 8' bgs; Hollow Stem Augers used from 8'-13' bgs; Auger refusal at 13 ft bgs HCN not detected in any interval.				


Contractor: ADT					PARSONS DRILLING RECORD		BORING/ WELL NO. SB - 25	
Driller: Jiri Kamenicek, Rayvon Mortley					PROJECT NAME: Con Edison / Farrington St.		Sheet 1 of 1	
Inspector: Zohar Lavy					PROJECT NUMBER: 444575-03000		Location Description: Farrington St./Con Edison Yard	
Rig Type: Geoprobe 6620 DT								
GROUNDWATER OBSERVATIONS					Weather: Clear, 60's, Wind: 5-10 mph E		Location Plan	
Water Level	~14.5'				Date/Time Start: 5/20/09	1300	See Site Plan	
Date	5/22/09				Date/Time Finish: 5/22/09	1115		
Time								
Meas. From	5' Acetate Sleeves							
Sample Depth	Sample I.D.	SPT	% Rec.	PID (ppm)	FIELD IDENTIFICATION OF MATERIAL		SCHEMATIC (drawing not to scale)	COMMENTS
+3								
+2								
+1								
0		Vac-tron		2.3	0"-6" Dark brown fine SAND and sub-angular GRAVEL			
1		Vac-tron		86.1	6"-4' Dark brown medium to coarse SAND, some sub-round Gravel, trace Slag and Wood			
2		Vac-tron			4'-8' Dark brown/black medium to coarse SAND, little Silt, trace Cobble, hydrocarbon odor			
3		Vac-tron		156.0				
4		Vac-tron						
5		Vac-tron						
6		Vac-tron						
7		Vac-tron						
8		NA	83	533.0	0"-40" Light brown fine to medium SAND and COBBLE, some Gravel, little black fine to medium Sand			
9								
10					40"-50" Black medium to coarse SAND, trace Silt and sub-angular Gravel, moist, hydrocarbon odor, staining			
11								
12								
13	SB-25 (13-18)	NA	100	547.0	0"-18" Black medium to coarse SAND, trace Silt and sub-angular Gravel, moist, hydrocarbon odor, staining; 18"-40" Black medium to coarse SAND, some fine Gravel, trace Silt, saturated, heavy hydrocarbon odor, staining, NAPL			
14								
15					40"-60" Black fine to medium SAND, trace Silt, saturated, heavy hydrocarbon odor, staining, NAPL globules			
16								
17								
18		NA	100	482.0	0"-30" Black fine to medium SAND, trace Silt, saturated, heavy hydrocarbon odor, staining, NAPL globules			
19								
20				311.0	30"-50" Dark grey fine to medium SAND, little Silt, hydrocarbon odor, staining			
21				12.9	50"-60" Brown/tan fine to medium SAND, little Silt, trace Mica, slight hydrocarbon odor			
22								
23		NA	58	5.4	0"-10" Brown/tan fine to medium SAND, little Silt, trace Mica, slight hydrocarbon odor			
24				7.9	10"-30" Dark grey coarse SAND, some fine Gravel			
25				31.6	30"-35" Black medium to coarse SAND, trace fine Gravel, slight hydrocarbon odor			
26								
27								
28	SB-25 (28-33)	NA	50	854.0	0"-27" Black medium SAND, trace fine Gravel, heavy hydrocarbon odor, staining, black NAPL			
29								
30				23.5	27"-30" Orange/brown fine SAND and SILT, little sub-round Gravel			
31								
32								
33	SB-25 (33-38)	NA	50	112	0"-10" Orange/brown fine SAND and SILT, little sub-round Gravel			
34				8	10"-30" Tan/grey coarse SAND and fine GRAVEL, trace Silt			
35								
36								
37								
38					End boring at 38' bgs			
SAMPLING METHOD WH = WEIGHT OF RODS HC = HAND CLEARED VC = VACUUM CLEARED GP = GEOPROBE/DIRECT PUSH					COMMENTS: Boring was hand cleared to 8' bgs; Geoprobe from 8' to 38' bgs HCN not detected in any interval.			

Contractor: ADT					PARSONS DRILLING RECORD		BORING/ WELL NO. SB - 26	
Driller: Chris Straton, Bernie Cruz					PROJECT NAME: Con Edison / Farrington St.		Location Description: Farrington St./Con Edison Yard	
Inspector: Zohar Lavy					PROJECT NUMBER: 444575-03000			
Rig Type: Track Mounted HSA - LC55								
GROUNDWATER OBSERVATIONS					Weather: Rain, 60's, Wind: 0-10 mph E		Location Plan	
Water Level	~15'				Date/Time Start: 4/29/09 0845	See Site Plan		
Date	6/5/09				Date/Time Finish: 6/5/09 1249			
Time								
Meas. From	Split spoon							
Sample Depth	Sample I.D.	SPT	% Rec.	PID (ppm)	FIELD IDENTIFICATION OF MATERIAL	SCHEMATIC (drawing not to scale)	COMMENTS	
+3								
+2								
+1								
0		Vac-tron		0.0	0"-1.5' Light brown/grey fine SAND and sub-angular GRAVEL, trace Silt			
1		Vac-tron		0.0	1.5'-2.5' Dark brown medium to coarse SAND, some sub-angular Gravel			
2		Vac-tron		0.0	2.5'-3' CONCRETE fragments and black weathered COBBLE			
3		Vac-tron		0.0	3'-3.5' WOOD (on west side of hole); CONCRETE fragments (on east side of hole)			
4		Vac-tron		0.5	3.5'-4' Dark brown medium to coarse SAND, some fine Gravel, trace Silt			
5		Vac-tron		0.8	4'-5' Dark brown medium to coarse SAND, some fine Gravel, little Slag, trace Silt			
6		Vac-tron		10.7	5'-7' Dark brown/green medium to coarse SAND, little fine Gravel, slightly moist			
7		Vac-tron		0.5	7'-8' Dark brown/dark grey medium SAND, some fine Gravel			
8		47-13-9-9	58	7.3	Green/grey fine SAND and SILT, little angular Gravel			
9								
10		25-12-11-10	58	192.0	Green/grey fine SAND, some Silt			
11								
12		8-7-7-7	100	806.0	0"-20" Green/grey fine SAND, some Silt; 20"-24" Green/grey fine SAND, some Silt, hydrocarbon odor, staining			
13								
14	SB-26 (14-16)	5-5-5-7	100	983.0	0"-12" Green/grey fine SAND, some Silt, hydrocarbon odor, staining; 12"-20" Black medium to coarse SAND, saturated, NAPL globules; 20"-24" Green/grey SILT			
15								
16		12-4-4-7	100	818.0	0"-12" Green/grey SILT			
17					12"-24" Green/grey medium to coarse SAND, little Silt			
18		5-4-4-5	50	453.0	Green/grey medium to coarse SAND, little Silt			
19								
20		5-9-4-4	100	484.0	Green/grey medium to coarse SAND, little Silt			
21								
22		5-7-7-5	100	67.7	Green/grey medium to coarse SAND, little Silt			
23								
24	SB-26 (24-26)	6-7-4-5	25	14.0	Green/grey medium to coarse SAND, little Silt			
25								
26					End Boring at 26' bgs			
27								
28								
29								
30								
31								
32								
33								
34								
35								
36								
37								
SAMPLING METHOD WH = WEIGHT OF RODS HC = HAND CLEARED VC = VACUUM CLEARED GP = GEOPROBE/DIRECT PUSH					COMMENTS: Boring was hand cleared to 8' bgs Hollow Stem Augers used from 8'-26' bgs. HCN not detected in any interval.			

PARSONS DRILLING RECORD					BORING/ WELL NO. SB - 27	Sheet 1 of 1		
Contractor: <u>ADT</u> Driller: <u>Jiri Kamenicek, Bernie Cruz</u> Inspector: <u>Rene Robles</u> Rig Type: <u>Geoprobe 6620 DT</u>					PROJECT NAME: <u>Con Edison / Farrington St.</u> PROJECT NUMBER: <u>444575-03000</u>			
GROUNDWATER OBSERVATIONS					Location Plan			
Water Level	~7.5'				Weather: Clear, 80's, Wind: 0-5 mph NE			
Date	6/23/09				Date/Time Start: 6/23/09 0840			
Time					Date/Time Finish: 7/6/09 1150			
Meas. From	5' Acetate Sleeves				See Site Plan			
Sample Depth	Sample I.D.	SPT	% Rec.	PID (ppm)	FIELD IDENTIFICATION OF MATERIAL	SCHEMATIC (drawing not to scale)	COMMENTS	
+3								
+2								
+1								
0		Vac-tron		0.0	0-4" Concrete			
1		Vac-tron		0.0	4"-8" Brown fine to course SAND, little Silt, little fine to course angular to subrounded Gravel, trace fine subrounded cobble, dry, medium dense. Wet at 7.5' bgs.			
2		Vac-tron						
3		Vac-tron						
4		Vac-tron						
5		Vac-tron						
6		Vac-tron						
7		Vac-tron						
8		NA	30	0.8	Dark brown fine angular GRAVEL, some Silt, wet.			
9								
10								
11								
12								
13		NA	80	1.1	0-1.5' Same as above (8'-13' interval)			
14					1.5'-3.0' Black-dark brown organic material, PEAT			
15					3.0'-4.0' Olive fine SANDY-SILT, Medium dense.			
16								
17								
18	SB-27 (18-23)	NA	60	1.4	Same as above (3.0'-4.0' interval)			
19								
20								
21								
22								
23	SB-27 (23-28)	NA	50	0.7	Same as above (18'-23' interval)			
24								
25								
26								
27								
28					End Boring at 28' bgs			
29								
30								
31								
32								
33								
34								
35								
36								
37								


SAMPLING METHOD
 WH = WEIGHT OF RODS
 HC = HAND CLEARED
 VC = VACUUM CLEARED
 GP = GEOPROBE/DIRECT PUSH

COMMENTS:
 Boring was hand cleared to 8' bgs
 Geoprobe used from 8'-28' bgs.
 HCN not detected in any interval.

PARSONS DRILLING RECORD					BORING/ WELL NO. SB - 28		
Contractor: ADT Driller: Jiri Kamenicek, Bernie Cruz Inspector: Rene Robles Rig Type: Geoprobe 6620 DT					Sheet 1 of 1 PROJECT NAME: Con Edison / Farrington St. PROJECT NUMBER: 444575-03000		
GROUNDWATER OBSERVATIONS					Location Description: Farrington St./Con Edison Yard		
Water Level	~16.5'				Weather: Clear, 80's, Wind: 0-5 mph NE		
Date	6/23/09				Date/Time Start: 6/23/09 1227		
Time					Date/Time Finish: 7/6/09 0910		
Meas. From	5' Acetate Sleeves				Location Plan See Site Plan		
Sample Depth	Sample I.D.	SPT	% Rec.	PID (ppm)	FIELD IDENTIFICATION OF MATERIAL	SCHEMATIC (drawing not to scale)	COMMENTS
+3							
+2							
+1							
0		Vac-tron		0.0	0-4" Concrete		
1		Vac-tron		0.0	4"-8' Brown fine to course SAND, little Silt, little fine to course angular to subrounded Gravel, trace subrounded cobble, moist. Wet at 7' bgs.		
2		Vac-tron					
3		Vac-tron					
4		Vac-tron					
		Vac-tron					
5		Vac-tron					
6		Vac-tron					
7		Vac-tron					
8		NA	50	0.0	Olive/brown fine SAND, dry, medium dense.		
9							
10							
11							
12							
13		NA	100	22.1	0-2.5' Olive/brown fine SAND.		
14					2.5'-4.5' Brown fine SANDY-SILT, wet at 3.5' bgs.		
15					4.5'-5.0' fine to medium SAND, black stain with hydrocarbon like odor.		
16							
17							
18	SB-28 (18-23)	NA	50	94.0	Brown fine to course SAND, black stain at 0-3'.		
19							
20							
21							
22							
23	SB-28 (23-28)	NA	40	12.8	Brown fine to medium SAND, wet.		
24							
25							
26							
27							
28					End Boring at 28' bgs		
29							
30							
31							
32							
33							
34							
35							
36							
37							


SAMPLING METHOD
 WH = WEIGHT OF RODS
 HC = HAND CLEARED
 VC = VACUUM CLEARED
 GP = GEOPROBE/DIRECT PUSH

COMMENTS:
 Boring was hand cleared to 8' bgs
 Geoprobe used from 8'-28' bgs.
 HCN not detected in any interval.

PARSONS DRILLING RECORD					BORING/ WELL NO. SB - 29		
Contractor: <u>ADT</u> Driller: <u>Jiri Kamenicek, Bernie Cruz</u> Inspector: <u>Rene Robles</u> Rig Type: <u>Geoprobe 6620 DT</u>					Sheet <u>1</u> of <u>1</u> PROJECT NAME: <u>Con Edison / Farrington St.</u> PROJECT NUMBER: <u>444575-03000</u>		
GROUNDWATER OBSERVATIONS					Location Description: Farrington St./Con Edison Yard		
Water Level: ~13' Date: 7/6/2009 Time: Meas. From: 5' Acetate Sleeves					Weather: Clear, 80's, Wind: 0-5 mph NE Date/Time Start: 6/24/09 0900 Date/Time Finish: 7/5/09 1430		
Location Plan See Site Plan							
Sample Depth	Sample I.D.	SPT	% Rec.	PID (ppm)	FIELD IDENTIFICATION OF MATERIAL	SCHEMATIC (drawing not to scale)	COMMENTS
+3							
+2							
+1							
0		Vac-tron		0.0	0-4" Concrete		
1		Vac-tron		0.0	4"-1.5' Dark brown medium to coarse SAND, some subangular Gravel, little Silt, slag, trace silt, dry		
2		Vac-tron			1.5'-3.5' Light brown/orange medium to coarse SAND, trace Gravel.		
3		Vac-tron		0.2	3.5'-6.5' Dark orange/brown medium to coarse SAND.		
4		Vac-tron		0.5	6.5'-8.5' Same as above (3.5'-6.5' interval)		
5		Vac-tron					
6		Vac-tron					
7		Vac-tron					
8		NA	40	0.9	Light brown-light grey fine SAND, dry, loose, slight hydrocarbon like odor.		
9							
10							
11							
12							
13		NA	50	0.8	0-1.5' Same as above (8'-13' interval).		
14					1.5'-2.5' Brown fine SAND, trace Silt, dense. Wet at 13' bgs.		
15							
16							
17							
18	SB-29 (18-23)	NA	70	33.3	Same as above (1.5'-2.5' interval). Slight hydrocarbon like odor.		
19							
20							
21							
22							
23	SB-29 (23-28)	NA	80	16.2	Same as above (18'-23' interval). Slight hydrocarbon like odor.		
24							
25							
26							
27							
28					End Boring at 28' bgs		
29							
30							
31							
32							
33							
34							
35							
36							
37							


SAMPLING METHOD
 WH = WEIGHT OF RODS
 HC = HAND CLEARED
 VC = VACUUM CLEARED
 GP = GEOPROBE/DIRECT PUSH

COMMENTS:
 Boring was hand cleared to 8.5' bgs
 Geoprobe used from 8'-28' bgs.
 HCN not detected in any interval.

PARSONS DRILLING RECORD					BORING/ WELL NO. SB - 30		
Contractor: <u>ADT</u> Driller: <u>Jiri Kamenicek, Bernie Cruz</u> Inspector: <u>Rene Robles</u> Rig Type: <u>Geoprobe 6620 DT</u>					Sheet 1 of 1 PROJECT NAME: <u>Con Edison / Farrington St.</u> PROJECT NUMBER: <u>444575-03000</u>		
GROUNDWATER OBSERVATIONS					Location Description: <u>Farrington St./Con Edison Yard</u>		
Water Level	~13'				Weather: Clear, Chance of rain, 80's, Wind: Calm		
Date	7/7/09				Date/Time Start: 6/24/09 1145		
Time					Date/Time Finish: 7/7/09 0937		
Meas. From	5' Acetate Sleeves				Location Plan See Site Plan		
Sample Depth	Sample I.D.	SPT	% Rec.	PID (ppm)	FIELD IDENTIFICATION OF MATERIAL	SCHEMATIC (drawing not to scale)	COMMENTS
+3							
+2							
+1							
0		Vac-tron		0.0	0-4" Concrete		
1		Vac-tron		0.0	4"-2' Dark brown medium to coarse SAND, some subangular and subrounded Gravel, dry.		
2		Vac-tron			2'-2.8' Concrete debris.		
3		Vac-tron		0.5	2.8'-5.5' Dark brown/orange medium to coarse SAND, trace rounded Cobble, trace Silt, slightly moist.		
4		Vac-tron		0.2	5.5'-8.0' Dark brown/orange medium to coarse SAND, little subrounded Gravel, trace Silt.		
5		Vac-tron					
6		Vac-tron					
7		Vac-tron					
8		NA	70	55.1	Orange/brown fine SAND, trace Silt, dry, loose. Black stain at last 1".		
9							
10							
11							
12							
13	SB-30 (13-18)	NA	60	164.0	Orange/brown-brown/grey fine to medium SAND, trace Silt. Balck stain from 0-2.5' with hydrocarbon like odor. Wet at 13'.		
14							
15							
16							
17							
18		NA	50	3.9	Orange/brown mf SAND, trace Silt, wet, loose.		
19							
20							
21							
22							
23	SB-30 (23-28)	NA	100	1.3	Same as above (18'-23' interval).		
24							
25							
26							
27							
28					End Boring at 26' bgs		
29							
30							
31							
32							
33							
34							
35							
36							
37							


SAMPLING METHOD
 WH = WEIGHT OF RODS
 HC = HAND CLEARED
 VC = VACUUM CLEARED
 GP = GEOPROBE/DIRECT PUSH

COMMENTS:
 Boring was hand cleared to 8' bgs
 Geoprobe used from 8'-28' bgs.
 HCN not detected in any interval.

PARSONS DRILLING RECORD					BORING/ WELL NO. SB - 31	
Contractor: ADT Driller: Jiri Kamenicek, Bernie Cruz Inspector: Rene Robles Rig Type: Geoprobe 6620 DT					Sheet 1 of 1 Location Description: Farrington St./Con Edison Yard	
PROJECT NAME: Con Edison / Farrington St. PROJECT NUMBER: 444575-03000					Location Plan See Site Plan	
GROUNDWATER OBSERVATIONS					Weather: Clear, Chance of rain, 80's, Wind: Calm	
Water Level	~13'				Date/Time Start: 6/30/09 1205	
Date	7/7/09				Date/Time Finish: 7/7/09 1119	
Time						
Meas. From	5' Acetate Sleeves					
Sample Depth	Sample I.D.	SPT	% Rec.	PID (ppm)	FIELD IDENTIFICATION OF MATERIAL	SCHEMATIC (drawing not to scale)
+3						
+2						
+1						
0		Vac-tron		0.0	0-4" Concrete	
1		Vac-tron		0.0	4"-9" Dark brown/black fine to medium SAND, broken brick, concrete, and clay, dry, loose	
2		Vac-tron				
3		Vac-tron				
4		Vac-tron				
		Vac-tron				
5		Vac-tron				
6		Vac-tron				
7		Vac-tron				
8	SB-31 (8-13)	Air Knife				
9		NA	75	14.9	Orange/brown fine to medium SAND, trace Silt, moist, loose.	
10					30"-35" Black stain with hydrocarbon like odor.	
11					35"-36" Red/brown fine to course SAND.	
12						
13		NA	40	1.5	0-20" Same as above (35"-35" interval).	
14					20"-24" Brown fine SANDY-SILT. Wet at 13'.	
15						
16						
17						
18		NA	70	0.9	0-6" Same as above (20"-24" interval).	
19					6"-42" Orange/brown fine to medium SAND, trace Silt. Wet, loose.	
20						
21						
22						
23	SB-31 (23-28)	NA	100	0.6	Same as above (6"-42" interval).	
24						
25						
26						
27						
28					End Boring at 28' bgs	
29						
30						
31						
32						
33						
34						
35						
36						
37						


SAMPLING METHOD
 WH = WEIGHT OF RODS
 HC = HAND CLEARED
 VC = VACUUM CLEARED
 GP = GEOPROBE/DIRECT PUSH

COMMENTS:
 Boring was hand cleared to 8' bgs and Air Knifed to 9'.
 Geoprobe used from 8'-28' bgs.
 HCN not detected in any interval.

PARSONS DRILLING RECORD					BORING/ WELL NO.	Sheet 1 of 1	
Contractor: <u>ADT</u> Driller: <u>Jiri Kamenicek, Bernie Cruz</u> Inspector: <u>Rene Robles</u> Rig Type: <u>Geoprobe 6620 DT</u>					PROJECT NAME: <u>Con Edison / Farrington St.</u> PROJECT NUMBER: <u>444575-03000</u>		
GROUNDWATER OBSERVATIONS					Location Description: <u>Farrington St./Con Edison Yard</u>		
Water Level	~11'				Weather: Clear, Chance of rain, 80's, Wind: Calm Date/Time Start: 6/30/09 0905 Date/Time Finish: 7/7/09 1342		
Date	7/7/09				Location Plan See Site Plan		
Time							
Meas. From	5' Acetate Sleeves						
Sample Depth	Sample I.D.	SPT	% Rec.	PID (ppm)	FIELD IDENTIFICATION OF MATERIAL	SCHEMATIC (drawing not to scale)	COMMENTS
+3							
+2							
+1							
0		Vac-tron		0.0	0-4" Concrete		
1		Vac-tron		0.0	4"-3.5' Brown fine to medium SAND, little Silt, little fine to medium angular to subrounded Gravel, broken concrete and asphalt, dry, medium dense. Wet at 7.5' bgs.		
2		Vac-tron					
3		Vac-tron					
4		Vac-tron		0.0	3.5'-8' Orange/brown fine to medium SAND, trace Silt, low dense, dry.		
		Vac-tron					
5		Vac-tron					
6		Vac-tron					
7		Vac-tron					
8	SB-32 (8-13)	NA	60	0.2	Red/brown fine to medium SAND, some Silt, medium dense. Wet at 11'.		
9							
10							
11							
12							
13		NA	60	0.2	0-30" Same as above (8'-13" interval).		
14					30"-36" Brown fine SANDY-SILT, wet, loose.		
15							
16							
17							
18		NA	60	0.2	0-6" Same as above (30"-36" interval).		
19					6"-30" Red/brown fine to course SAND, little Silt, wet, loose.		
20					30"-36" Light brown fine SAND, little Silt, moist, dense.		
21							
22							
23	SB-32 (23-28)	NA	60	0.2	Same as above (30"-36" interval).		
24							
25							
26							
27							
28					End Boring at 26' bgs		
29							
30							
31							
32							
33							
34							
35							
36							
37							


SAMPLING METHOD
 WH = WEIGHT OF RODS
 HC = HAND CLEARED
 VC = VACUUM CLEARED
 GP = GEOPROBE/DIRECT PUSH

COMMENTS:
 Boring was hand cleared to 8' bgs
 Geoprobe used from 8'-28' bgs.
 HCN not detected in any interval.

PARSONS DRILLING RECORD					BORING/ WELL NO. SB - 33	Sheet 1 of 1
Contractor: ADT Driller: Jiri Kamenicek, Bernie Cruz Inspector: Rene Robles Rig Type: Geoprobe 6620 DT					PROJECT NAME: Con Edison / Farrington St. PROJECT NUMBER: 444575-03000	
GROUNDWATER OBSERVATIONS					Location Description: Farrington St./Con Edison Yard	
Water Level	~9'				Weather: Clear, 80's, Wind: Calm Date/Time Start: 7/1/09 0915 Date/Time Finish: 7/8/09 0950	
Date	7/8/09				Location Plan See Site Plan	
Time						
Meas. From	5' Acetate Sleeves					
Sample Depth	Sample I.D.	SPT	% Rec.	PID (ppm)	FIELD IDENTIFICATION OF MATERIAL	SCHEMATIC (drawing not to scale)
+3						
+2						
+1						
0		Vac-tron		0.0	0-4" Concrete	
1		Vac-tron		0.0	4"-8' Brown fine to medium SAND, little Silt, little fine to medium subrounded Gravel, trace fine to medium subangular cobble, dry, medium dense.	
2		Vac-tron				
3		Vac-tron				
4		Vac-tron				
5		Vac-tron				
6		Vac-tron				
7		Vac-tron				
8		NA	100	0.3	Brown fine to medium SAND some Silt, loose. Wet at 9' bgs	
9						
10						
11						
12						
13	SB-33 (13-18)	NA	100	0.8	Same as above (8'-13' interval).	
14						
15						
16						
17						
18		NA	100	0.4	0-4' Same as above (13'-18' interval).	
19					4'-5' Olive/brown fine SANDY-SILT, Clay, little fine Gravel, moist, dense.	
20						
21						
22						
23	SB-33 (23-28)	NA	30	0.2	Same as above (4'-5' interval).	
24						
25						
26						
27						
28					End Boring at 28' bgs	
29						
30						
31						
32						
33						
34						
35						
36						
37						

SAMPLING METHOD
 WH = WEIGHT OF RODS
 HC = HAND CLEARED
 VC = VACUUM CLEARED
 GP = GEOPROBE/DIRECT PUSH

COMMENTS:
 Boring was hand cleared to 8' bgs
 Geoprobe used from 8'-28' bgs.
 HCN not detected in any interval.

PARSONS DRILLING RECORD					BORING/ WELL NO. SB - 34		
Contractor: ADT Driller: Jiri Kamenicek, Bernie Cruz Inspector: Rene Robles Rig Type: Geoprobe 6620 DT					Sheet 1 of 1 PROJECT NAME: Con Edison / Farrington St. PROJECT NUMBER: 444575-03000		
GROUNDWATER OBSERVATIONS					Location Description: Farrington St./Con Edison Yard		
Water Level	~10'				Weather: Clear, 80's, Wind: Calm		
Date	7/8/09				Date/Time Start: 7/1/09 1245		
Time					Date/Time Finish: 7/8/09 1115		
Meas. From	5' Acetate Sleeves				Location Plan See Site Plan		
Sample Depth	Sample I.D.	SPT	% Rec.	PID (ppm)	FIELD IDENTIFICATION OF MATERIAL	SCHEMATIC (drawing not to scale)	COMMENTS
+3							
+2							
+1							
0		Vac-tron		0.0	0-18" Concrete		
1		Vac-tron		0.0	18"-8' Brown/grey fine to medium SAND, little Silt, little fine to medium		
2		Vac-tron			subrounded Gravel, broken brick, concrete and clay, dry, medium		
3		Vac-tron			dense.		
4		Vac-tron					
		Vac-tron					
5		Vac-tron					
6		Vac-tron					
7		Vac-tron					
8	SB-34 (8-13)	Air Knife					
9		NA	80	78.1	0-1' Tan/brown fine SANDY-SILT, moist, dense.		
10					1'-4' Brown fine to course SAND, little Silt, little fine Gravel. Wet at 10' bgs.		
11					1'-1.5' Black stain with hydrocarbon like odor.		
12							
13		NA	80	1.4	Same as above (1'-4' interval without black stain or hydrocarbon like odor).		
14							
15							
16							
17							
18		NA	80	1.5	Same as above (13'-18' interval).		
19							
20							
21							
22							
23	SB-34 (23-28)	NA	80	1.4	Same as above (18'-23' interval).		
24							
25							
26							
27							
28					End Boring at 28' bgs		
29							
30							
31							
32							
33							
34							
35							
36							
37							

SAMPLING METHOD
 WH = WEIGHT OF RODS
 HC = HAND CLEARED
 VC = VACUUM CLEARED
 GP = GEOPROBE/DIRECT PUSH


COMMENTS:
 Boring was hand cleared to 8' bgs and Air knifed to 9' bgs
 Geoprobe used from 8'-28' bgs.
 HCN not detected in any interval.

PARSONS DRILLING RECORD					BORING/ Sheet 1 of 1 WELL NO. MW-13			
Contractor: Aquifer Drilling Technology Driller: Chris Migliori/Rayvon Mortley Inspector: Zohar Lavy Rig Type: Truck Mounted HSA - B61					PROJECT NAME: Con Edison / Farrington St. PROJECT NUMBER: 444575-03000		Location Description: Farrington St./Hawkeye Yard	
GROUNDWATER OBSERVATIONS					Weather: Clear, 50's, Wind: 5-10 mph E Date/Time Start: 4/15/09 1305 Date/Time Finish: 5/8/09 1020		Location Plan ↑ See Site Plan	
Water Level	DTW ~14	DTW 12.86						
Date	5/8/09	5/28/09						
Time		1340						
Meas. From	Split spoon	Top of Casing						
Sample Depth	Location/ Sample I.D.	SPT	% Rec.	PID* (ppm)	FIELD IDENTIFICATION OF MATERIAL	SCHEMATIC	COMMENTS	
0		Vac-tron		0.0	0'-1' Dark brown/grey medium to coarse SAND, some Gravel, trace Silt		Locking J-plug on inner wall	
1		Vac-tron		0.0	1'-1.8' COBBLE; 1.8'-2' Black fine GRAVEL		Flush Mount Well	
2		Vac-tron		0.0	2'-4.8' Orange/brown medium to coarse SAND, some sub-round Gravel, trace Silt		Cover and Concrete Apron	
3		Vac-tron		0.0			Bentonite/Sand (0.5' - 7')	
4		Vactron		0.0	4.8'-5' Orange/brown medium to coarse SAND and GRAVEL		2-inch ID PVC Riser (0.5'-11')	
5		Vactron		0.0	5'-7' Orange fine to medium SAND, trace Silt		Bentonite Chips (7'-9')	
6		Vactron						
7		Vactron		0.0	7'-8' Orange fine to medium SAND, trace Silt and fine to medium sub-round to rounded Gravel, moist			
8		10-11-18-15	25	1.8	Brown fine SAND, trace Silt, trace Mica, slightly moist			
9								
10		22-14-18-13	25	2.1	Brown fine SAND, trace Silt, trace Mica, moist			
11								
12		9-10-13-17	50	59.8	0"-4" Brown fine SAND, trace Silt, trace Mica, moist		0.02-inch slot PVC Well Screen 2"-ID (11' - 26')	
13					4"-12" Brown/grey medium to coarse SAND, saturated, hydrocarbon odor, slight staining			
14		18-19-15-13	100	131.0	0"-8" Brown/grey medium to coarse SAND, saturated, hydrocarbon odor, slight staining			
15					8"-12" Dark grey/black medium to coarse SAND, saturated, hydrocarbon odor, staining, sheen			
16					12"-24" Grey medium to coarse SAND, saturated, hydrocarbon odor, staining			
17		8-13-15-14	17	86.0	Grey medium to coarse SAND, saturated, hydrocarbon odor, staining		# 1 Sand (9' - 26')	
18	MW-13 (18-20)	15-18-20-19	100	243.0	0"-14" Dark grey/black coarse SAND, trace Gravel, saturated, hydrocarbon odor, staining, sheen; 14"-24" Brown medium to coarse SAND, saturated, hydrocarbon odor			
19								
20		7-11-10-14	25	36.4	Brown medium to coarse SAND, saturated, hydrocarbon odor			
21								
22		7-7-28-20	75	77.0	0"-8" Brown medium to coarse SAND, saturated, hydrocarbon odor; 8"-18" Tan/brown coarse SAND, some fine sub-round Gravel, saturated, slight hydrocarbon odor			
23								
24	MW-13 (24-26)	15-18-20-21	63	15.8	Tan/brown coarse SAND, some fine sub-round Gravel, trace Gravel, saturated			
25						PVC End Cap (26')		
26	End Boring at 26' bgs							
27								
28								
29								
30								
31								
32								
33								
34								
SAMPLING METHOD WH = Weight of Rods SS = SPLIT SPOON A = AUGER CUTTINGS C = CORED					Boring was hand cleared to 8' bgs. Hollow Stem Augers used from 8'-26' bgs. HCN not detected in any interval.			

PARSONS DRILLING RECORD					BORING/ Sheet 1 of 1 WELL NO. MW-14			
Contractor: Aquifer Drilling Technology Driller: Chris Migliori/Jeremy Meyers Inspector: Zohar Lavy Rig Type: Track Mounted HSA - CME55					PROJECT NAME: Con Edison / Farrington St. PROJECT NUMBER: 444575-03000		Location Description: Farrington St./Hawkeye Yard	
GROUNDWATER OBSERVATIONS					Weather: Overcast 60's, Wind: 10-15 mph NE		Location Plan	
Water Level	DTW	DTW			Date/Time Start: 5/8/09 0800		See Site Plan	
Date	4/16/09	6/1/09			Date/Time Finish: 5/14/09 1130			
Time		1100						
Meas. From	Split spoon	Top of Casing						
Sample Depth	Location/ Sample I.D.	SPT	% Rec.	PID* (ppm)	FIELD IDENTIFICATION OF MATERIAL		SCHEMATIC	
0		Vac-tron		0	0"-1' Dark brown fine to medium SAND, some medium to coarse sub-angular Gravel, little Silt			
1		Vac-tron		0.0	1'-2' COBBLE STONE			
2		Vac-tron		0.0	2'-3.5' Brown/orange fine to coarse SAND, some fine to coarse angular to rounded Gravel, trace Silt and Concrete and Brick and Metal			
3		Vac-tron						
4		Vac-tron		0.0	3.5'-8' Orange/brown fine to medium SAND, some medium to coarse sub-round to rounded Cobble, trace Silt, moist			
5		Vac-tron						
6		Vac-tron						
7		Vac-tron						
8		10-10-6-5	100	1.3	0"-20" Brown medium to coarse SAND, some sub-angular Gravel, trace Silt and Brick			
9					20"-24" Dark tan medium to coarse SAND, little sub-angular Gravel			
10		8-5-6-6	25	5.6	Dark brown medium to coarse SAND, little Gravel, trace Brick			
11								
12		6-5-5-5	100	258.0	0"-18" Dark grey/black medium SAND, trace Silt, moist, hydrocarbon odor, staining, NAPL globules; 18"-24" Grey fine to medium SAND, trace Silt, moist, hydrocarbon odor, staining, NAPL globules			
13								
14	MW-14 (14-16)	4-5-5-7	75	340.0	Grey medium to fine SAND, trace Silt and Gravel, saturated, hydrocarbon odor, staining, NAPL			
15								
16		6-7-10-13	50	237.0	Dark grey/black fine to medium SAND, saturated, hydrocarbon odor, staining, NAPL globules, sheen			
17								
18		1-7-12-8	100	165.0	0"-10" Dark grey/black fine to medium SAND, saturated, hydrocarbon odor, staining, NAPL globules, sheen; 10"-20" Dark grey fine SAND, saturated, hydrocarbon odor, staining, sheen; 20"-24" Black coarse SAND, some fine Gravel, saturated, hydrocarbon odor, staining, NAPL globules.			
19								
20		2-2-5-6	75	134.0	0"-15" Black coarse SAND, some fine Gravel, saturated, hydrocarbon odor, staining, NAPL globules; 15"-18" Brown medium to coarse SAND, trace Mica, saturated, hydrocarbon odor, staining, small NAPL globules			
21								
22		5-7-8-11	50	6.2	0"-9" Brown coarse SAND, some fine Gravel, trace Mica, saturated			
23					9"-12" Dark brown coarse SAND, some fine Gravel, trace Mica			
24	MW-14 (24-26)	6-8-9-10	50	3.1	Dark brown coarse SAND, some fine Gravel, trace Mica			
25								
26					End Boring at 26' bgs			
27								
28								
29								
30								
31								
32								
33								
34								
35								

SAMPLING METHOD
 SS = SPLIT SPOON
 A = AUGER CUTTINGS
 C = CORED

Boring was hand cleared to 8' bgs;
 Hollow Stem Augers used from 8'-26' bgs.
 HCN not detected in any interval.

PARSONS DRILLING RECORD					BORING/ WELL NO. MW-15		Sheet 1 of 1	
Contractor: Aquifer Drilling Technology Driller: Chris Migliori/Rayvon Mortley Inspector: Zohar Lavy Rig Type: Truck Mounted HSA - B61					PROJECT NAME: Con Edison / Farrington St. PROJECT NUMBER: 444575-03000		Location Description: 32nd Ave/ECI Yard	
GROUNDWATER OBSERVATIONS					Weather: Overcast, showers 50's, Wind: 5-10 mph E Date/Time Start: 4/17/09 0745 Date/Time Finish: 5/7/09 1135		Location Plan  See Site Plan	
Water Level	DTW	DTW			FIELD IDENTIFICATION OF MATERIAL		SCHEMATIC	
~14		11.59						
Date	5/7/09	6/1/09						
Time		0830						
Meas. From	Split spoon	Top of Casing						
Sample Depth	Location/ Sample I.D.	SPT	% Rec.	PID* (ppm)			COMMENTS	
0		Vac-tron		0.2	0"-8" Dark brown medium to coarse SAND, some Gravel, little Organic Matter, trace Silt, moist		Locking J-plug on inner wall Flush Mount Well Cover and Concrete Apron Sand/Bentonite (0.5'-7')	
1		Vac-tron					Bentonite Chips (7'-9')	
2		Vac-tron		0.1	8"-5" Dark brown medium to coarse SAND, some Gravel, little Silt, trace Cobble		2-inch ID PVC Riser (0.5'-11') Well Screen 2"-ID (11'-26') 0.02-inch slot PVC	
3		Vac-tron						
4		Vac-tron						
5		Vac-tron		0	5'-8" Brown fine to coarse SAND, some Silt, little fine to medium sub-angular to sub-round Gravel, moist			
6		Vac-tron						
7		Vac-tron						
8		4-5-5-9	17	6.0	Dark brown coarse SAND, trace sub-round Gravel and fine Gravel and Silt, moist			
9								
10		6-6-13-13	25	10.4	Dark brown coarse SAND, little fine Gravel, trace Cobble, moist			
11								
12		29-21-18-23	58	316.0	0"-6" Dark brown coarse SAND, trace sub-round Gravel and fine Gravel and Silt, moist			
13					6"-14" Dark brown/black medium SAND, trace fine Gravel, moist, heavy hydrocarbon odor, staining			
14	MW-15 (14-16)	11-16-19-23	100	386.0	0"-4" Dark brown/black medium SAND, trace fine Gravel, saturated, heavy hydrocarbon odor, staining; 4"-24" Dark brown/black medium SAND, saturated, heavy hydrocarbon odor, staining, small NAPL globules, sheen			
15								
16		13-29-32-40	75	159.0	0"-6" Dark brown/black medium SAND, saturated, heavy hydrocarbon odor, staining, small NAPL globules, sheen; 6"-18" Dark brown/black medium to coarse SAND and fine Gravel, trace Cobble, saturated, heavy hydrocarbon odor, staining, sheen			
17								
18		16-18-26-16	25	38.9	Dark brown medium to coarse SAND and tan fine GRAVEL, little Cobble, saturated, small NAPL globules			
19								
20		12-14-14-14	0	NA	No recovery			
21								
22		7-10-20-26	33	65.2	Dark brown/black medium to coarse SAND, trace fine Gravel, saturated, hydrocarbon odor, sheen			
23								
24		10-10-9-9	50	43.2	0"-8" Dark brown/black medium to coarse SAND, trace fine Gravel, saturated, hydrocarbon odor, sheen; 8"-12" Light brown medium SAND, little Mica, saturated			
25								
26		7-8-9-9	21	2.3	Light brown medium SAND, little Mica, saturated			
27								
28	MW-15 (28-30)	7-7-5-7	38	2.8	Light brown fine to medium SAND, trace Mica, saturated		# 1 Sand (9' - 28') Sump (26' - 28') PVC End Cap (28')	
29								
30					End Boring at 30' bgs			
31								
32								
33								
34								
35								

SAMPLING METHOD
 SS = SPLIT SPOON
 A = AUGER CUTTINGS
 C = CORED


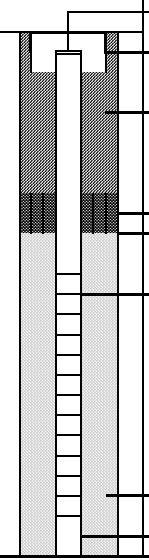
Boring was hand cleared to 8' bgs.
 Hollow Stem Augers used from 8'-28' bgs.
 HCN not detected in any interval.

Contractor: Aquifer Drilling Technology					PARSONS DRILLING RECORD					BORING/ WELL NO. MW-16		Sheet 1 of 1			
Driller: Chris Migliori/Rayvon Mortley					PROJECT NAME: Con Edison / Farrington St.					Location Description:		Farrington St./Con Edison Yard			
Inspector: Zohar Lavy					PROJECT NUMBER: 444575-03000										
Rig Type: Truck Mounted HSA - B61															
GROUNDWATER OBSERVATIONS					Weather: Clear, 60's, Wind: 0-5 mph N					Location Plan		↑ N			
Water Level	DTW	DTW			Date/Time Start: 4/30/09 0800					See Site Plan					
Date	5/12/09	5/27/09			Date/Time Finish: 5/12/09 1000										
Time		1315													
Meas. From	Split spoon	Top of Casing													
Sample Depth	Location/ Sample I.D.	SPT	% Rec.	PID* (ppm)	FIELD IDENTIFICATION OF MATERIAL					SCHEMATIC		COMMENTS			
0		Vac-tron		0	0'-1' Dark brown fine to medium SAND, some medium to coarse angular Gravel, little Silt										
1		Vac-tron		0.0	1'-2' COBBLE STONE										
2		Vac-tron		48.7	2'-3' Black/dark brown fine to medium SAND, some Silt, Metal, Rubber, hydrocarbon odor, staining										
3		Vac-tron			3'-7.5' Black/dark brown fine SAND, some Silt, heavy hydrocarbon odor, staining										
4		Vac-tron		1810.0											
5		Vac-tron													
6	MW-16 (6)	Vac-tron													
7		WH	25	1312	Black/dark brown fine SAND, some Silt, heavy hydrocarbon odor, staining										
8	MW-16 (8-10)	4-7-10-8	75	1148.0	0'-12" Dark brown/black medium SAND, little Silt, trace sub-round Gravel, moist, hydrocarbon odor; 12"-18" Tan medium to coarse SAND, trace Silt, heavy hydrocarbon odor										
9															
10		5-8-7-8	50	368.0	0'-12" Tan medium to coarse SAND, heavy hydrocarbon odor										
11															
12		5-5-5-10	33	358.0	Dark brown/black coarse SAND, some tan fine to medium Sand, heavy hydrocarbon odor, staining										
13															
14	MW-16 (14-16)	5-6-6-6	50	746.0	Dark tan coarse SAND, saturated, hydrocarbon odor, staining, small NAPL globules										
15															
16		5-7-11-7	100	555.0	0'-20" Dark tan coarse SAND, saturated, hydrocarbon odor, staining, NAPL; 20"-24" Dark brown/black medium to coarse SAND, trace Silt, hydrocarbon odor, small NAPL globules										
17															
18		8-10-9-14	100	410.0	Dark tan coarse SAND, trace Silt, hydrocarbon odor, staining, small NAPL globules										
19															
20		7-11-13-13	63	205.0	0'-10" Dark tan/grey coarse SAND, hydrocarbon odor										
21					10'-15" Brown medium to coarse SAND, slight hydrocarbon odor										
22		5-5-5-5	50	101.0	Brown medium to coarse SAND, slight hydrocarbon odor, small NAPL globules										
23															
24		15-10-12-8	33	27.4	Dark brown fine to medium SAND, trace Mica, slight hydrocarbon odor										
25															
26		16-18-21-30	42	71.7	Dark brown medium SAND, trace Mica										
27															
28	MW-16 (28-30)	8-11-10-13	50	20.8	Dark brown medium SAND, trace Mica										
29															
30					End Boring at 30' bgs										
31															
32															
33															
34															
35															
SAMPLING METHOD WH = WEIGHT OF RODS SS = SPLIT SPOON A = AUGER CUTTINGS C = CORED					Boring was hand cleared to 7.5' bgs; split spoon was manually pushed from 7.5' to 8' bgs Hollow Stem Augers used from 8-30' bgs. HCN not detected in any interval.										

Contractor: <u>Aquifer Drilling Technology</u>					PARSONS DRILLING RECORD					BORING/ WELL NO. <u>MW-17</u> Sheet <u>1</u> of <u>1</u>	
Driller: <u>Chris Migliori/Rayvon Mortley</u>					PROJECT NAME: <u>Con Edison / Farrington St.</u>					Location Description: <u>Farrington St./Con Edison Yard</u>	
Inspector: <u>Zohar Lavy</u>					PROJECT NUMBER: <u>444575-03000</u>						
Rig Type: <u>Truck Mounted HSA - B61</u>											
GROUNDWATER OBSERVATIONS					Weather: <u>Overcast, 50's, Wind: 0-5 mph E</u>					Location Plan	
Water Level	DTW	DTW			Date/Time Start: <u>4/29/09 1230</u>					See Site Plan ↑ N	
Date	<u>5/11/09</u>	<u>5/26/09</u>			Date/Time Finish: <u>5/11/09 1140</u>						
Time		<u>0940</u>									
Meas. From	<u>Split spoon</u>	<u>Top of Casing</u>			FIELD IDENTIFICATION OF MATERIAL					SCHEMATIC	
Sample Depth	Location/ Sample I.D.	SPT	% Rec.	PID* (ppm)							
0		Vac-tron		0.2	0"-2" Dark brown medium SAND and sub-angular GRAVEL, little Cobble, trace Cloth and Brick and Silt					<p>Locking J-plug on inner wall Flush Mount Well Cover and Concrete Apron Sand/Bentonite (0.5'-7') Bentonite Chips (7'-9') 2-inch ID PVC Riser (0.5'-11') Well Screen 2"-ID (11' - 24') 0.02-inch slot PVC # 1 Sand (9' - 24') PVC End Cap (24')</p>	
1		Vac-tron									
2		Vac-tron		0.1	2'-3.5' Dark brown medium SAND and fragmented CONCRETE, some Metal						
3		Vac-tron		0.8	3.5'-5.5' Dark brown/black medium to coarse SAND, some Cobble, trace Silt and Cloth						
4		Vac-tron									
5		Vac-tron		0	5.5'-8' Brown fine to coarse SAND, little Silt, fine to medium angular to sub-round Gravel, moist						
6		Vac-tron									
7		Vac-tron									
8		13-5-5-6	0	NA	No Recovery						
9											
10		7-5-5-8	0	NA	No Recovery						
11											
12		6-9-16-18	21	125.0	0"-2" GRAVEL; 2"-5" Dark brown/black medium to coarse SAND, trace Silt, saturated, hydrocarbon odor, staining						
13											
14	MW-17 (14-16)	7-6-8-10	50	207.0	0"-5" Dark brown/black medium to coarse SAND, trace Silt, saturated, hydrocarbon odor, staining; 5"-9" Light grey medium to coarse SAND, saturated, hydrocarbon odor, staining; 9"-12" Dark brown fine to medium SAND, little Silt, saturated, hydrocarbon odor						
15											
16		7-13-17-21	100	12.5	0"-6" Dark brown fine to medium SAND, little Silt, saturated, hydrocarbon odor						
17					6"-24" Light grey/tan medium to coarse SAND, saturated						
18		5-6-9-14	100	11.6	0"-22" Light grey/tan medium to coarse SAND, trace Silt and Gravel, saturated						
19					22"-24" Tan coarse SAND, saturated, slight hydrocarbon odor						
20		8-12-13-17	100	2.0	0"-10" Tan coarse SAND, saturated, slight hydrocarbon odor						
21					10"-24" Brown fine to medium SAND, little Mica, trace Silt, saturated						
22	MW-17 (22-24)	5-7-7-12	50	1.3	Brown fine to medium SAND, little Mica, trace Silt, saturated						
23											
24					End Boring at 24' bgs						
25											
26											
27											
28											
29											
30											
31											
32											
33											
34											
35											

SAMPLING METHOD
SS = SPLIT SPOON
A = AUGER CUTTINGS
C = CORED

Boring was hand cleared to 8' bgs.
Hollow Stem Augers used from 8'-24' bgs.
HGN not detected in any interval.

PARSONS DRILLING RECORD					BORING/ Sheet 1 of 1 WELL NO. MW-18		
Contractor: Aquifer Drilling Technology Driller: Chris Migliori/Rayvon Mortley Inspector: Zohar Lavy Rig Type: Truck Mounted HSA - B61					PROJECT NAME: Con Edison / Farrington St. PROJECT NUMBER: 444575-03000		
GROUNDWATER OBSERVATIONS					Location Plan 		
Weather: Clear, 60's, Wind: 0-5 mph N Date/Time Start: 4/17/09 0900 Date/Time Finish: 5/12/09 1100					Location Description: Farrington St./Con Edison Yard See Site Plan		
Sample Depth	Location/ Sample I.D.	SPT	% Rec.	PID* (ppm)	FIELD IDENTIFICATION OF MATERIAL	SCHEMATIC	COMMENTS
0		Vac-tron		0.0	0'-6" GRAVEL/BLUESTONE, some coarse SAND, little fine SAND, trace Silt, saturated		Locking J-plug on inner wall
1		Vac-tron		0.0	6'-5" Dark brown/black medium to coarse SAND and sub-angular GRAVEL, little Silt, trace Cobble, saturated		Flush Mount Well
2		Vac-tron					Cover and Concrete
3		Vac-tron					Apron
4		Vac-tron					Sand/Bentonite (0.5'-8')
5		Vac-tron		0.0	5'-8" Dark brown fine to coarse SAND and SILT, little sub-angular Gravel, moist to saturated		
6		Vac-tron					
7		Vac-tron					
8		16-4-5-4	17	7.5	Dark brown/green fine to medium SAND, trace Silt and Gravel, moist		Bentonite Chips (8'-10')
9							2-inch ID PVC Riser (0.5'-12')
10		6-8-14-18	33	131.0	Tan fine to medium SAND, some black fine to medium Sand, trace Silt, hydrocarbon odor, staining		
11							
12		9-12-16-16	63	277.0	Tan fine to medium SAND, some black fine to medium Sand, trace Silt and Mica, hydrocarbon odor, staining		Well Screen 2"-ID (12'-22')
13							0.02-inch slot PVC
14	MW-18 (14-16)	9-15-20-22	50	305.0	0'-6" Dark grey/black fine to medium SAND, trace Silt and Mica, slightly moist, hydrocarbon odor, staining; 6'-12" Dark brown fine to medium SAND, trace Silt and Mica, moist, hydrocarbon odor		
15							
16		7-8-13-10	58	248.0	0'-4" Dark brown fine to medium SAND, trace Silt and Mica, saturated, hydrocarbon odor		
17					4"-14" Dark grey/brown medium to coarse SAND, saturated, hydrocarbon odor, staining, NAPL globules, sheen		
18		12-6-4-13	75	169.0	Dark grey/brown medium to coarse SAND, saturated, hydrocarbon odor, staining, small NAPL globules		# 1 Sand (10' - 24')
19							
20		7-11-15-19	75	13.5	Black medium to coarse SAND, saturated, hydrocarbon odor, stained, sheen		
21							
22	MW-18 (22-24)	20-13-39-43	58	8.2	Dark tan coarse SAND, trace Mica, saturated		Sump (22' - 24')
23							PVC End Cap (24')
24					End boring at 24' bgs		
25							
26							
27							
28							
29							
30							
31							
32							
33							
34							
35							

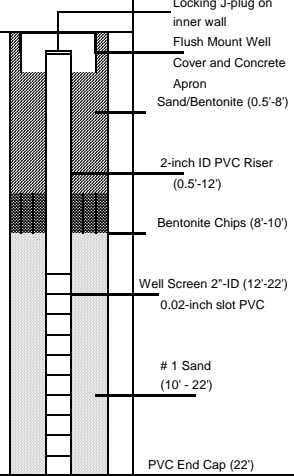
SAMPLING METHOD
 SS = SPLIT SPOON
 A = AUGER CUTTINGS
 C = CORED

Boring was hand cleared to 8' bgs;
 Hollow Stem Augers used from 8'-24' bgs.
 HCN not detected in any interval.

Contractor: Aquifer Drilling Technology					PARSONS DRILLING RECORD					BORING/ WELL NO. MW-19		Sheet 1 of 1	
Driller: Jeremy Meyers, Chris Migliori					PROJECT NAME: Con Edison / Farrington St.					Location Description:		31st Dr. (West of Farrington St.), Parcel 1	
Inspector: Zohar Lavy					PROJECT NUMBER: 444575-03000								
Rig Type: Track Mounted HSA - CME55													
GROUNDWATER OBSERVATIONS					Weather: Cloudy, 50's, Wind: 5-10 mph W					Location Plan		↑ N	
Water Level	DTW	DTW			Date/Time Start: 5/14/09 1130					See Site Plan			
Date	5/18/09	5/27/09			Date/Time Finish: 5/18/09 1150								
Time		1135											
Meas. From	Split spoon	Top of Casing											
Sample Depth	Location/ Sample I.D.	SPT	% Rec.	PID* (ppm)	FIELD IDENTIFICATION OF MATERIAL					SCHEMATIC		COMMENTS	
0		Vac-tron		0.0	0"-4" CONCRETE; 4"-3' Brown fine to medium SAND, some Silt, little medium to coarse angular Gravel and Brick, moist							Locking J-plug on inner wall	
1		Vac-tron										Flush Mount Well	
2		Vac-tron										Cover and Concrete Apron	
3		Vac-tron		1.5	3'-6.5' Dark grey/dark brown fine to medium SAND, little Silt, little fine to coarse angular to sub-round Gravel and Brick and Clay and Wood, moist							Sand/Bentonite (0.5'-8')	
4		Vac-tron										2-inch ID PVC Riser (0.5'-12')	
5		Vac-tron										Bentonite Chips (8'-10')	
6		Vac-tron		1.5	6.5'-8' Dark grey/dark brown fine to medium SAND, little Silt, little fine to coarse angular to sub-round Gravel and Brick and Clay and Wood, moist, slight hydrocarbon odor								
7		Vac-tron											
8		1-1-50/5"		33	0"-4" Dark brown/grey fine to medium SAND, little Silt and sub-angular Gravel, moist								
9					4"-8" Dark brown/grey fine to medium SAND, some Silt, trace Gravel and Wood, moist, hydrocarbon odor								
10		1-1-3-5		75	0"-6" Dark brown/grey fine to medium SAND, some Silt, trace Gravel and Wood, moist, hydrocarbon odor; 6"-18" Dark brown/black medium SAND, little fine Gravel and Silt, moist hydrocarbon odor, slight staining								
11													
12		2-2-3-4		75	0"-14" Dark brown/black medium SAND, little fine Gravel and Silt, moist, hydrocarbon odor, slight staining; 14"-18" Brown fine to medium SAND, trace Silt and Mica, moist, slight hydrocarbon odor							Well Screen 2"-ID (12'-28') 0.02-inch slot PVC	
13													
14		4-5-8-9		0	NA								
15					No Recovery - NAPL observed on Spoon								
16	MW-19 (16-18)	5-6-6-9		58	0"-7" Dark brown/grey fine to medium SAND, trace Mica, saturated, hydrocarbon odor, staining, NAPL; 7"-14" Dark brown medium to coarse SAND, trace Mica, saturated, hydrocarbon odor, staining, NAPL globules							#1 Sand (10'-30')	
17													
18		6-9-4-7		100	0"-12" Dark brown medium to coarse SAND, trace Mica, saturated, hydrocarbon odor, staining, NAPL globules; 12"-15" Dark brown/black medium to coarse SAND, little sub-round Gravel, trace Mica, saturated, hydrocarbon odor, staining, NAPL globules; 15"-24" Dark brown medium to coarse SAND and fine GRAVEL, saturated, small NAPL globules								
19													
20		4-4-4-6		63	0"-10" Dark brown medium to coarse SAND and fine GRAVEL, saturated, small NAPL globules; 10"-13" Dark brown fine SAND, some Silt, hydrocarbon odor; 13"-15" Dark brown/grey medium to coarse SAND, hydrocarbon odor, sheen								
21													
22		8-10-9-10		100	Dark grey medium to coarse SAND, trace sub-round Gravel, hydrocarbon odor, staining, sheen								
23													
24		3-2-4-5		75	Dark grey medium to coarse SAND, trace sub-round Gravel, hydrocarbon odor, staining, sheen								
25													
26		5-6-9-11		50	0"-5" Dark grey medium to coarse SAND, trace sub-round Gravel, hydrocarbon odor, staining, sheen; 5"-12" Dark brown fine to medium SAND, little Mica								
27													
28	MW-19 (28-30)	3-3-6-10		50	Dark brown fine to medium SAND, little Mica							Sump (28'-30') PVC End Cap (30')	
29													
30					End Boring at 30' bgs								

SAMPLING METHOD
SS = SPLIT SPOON
A = AUGER CUTTINGS
C = CORED

Boring was hand cleared to 8' bgs;
Hollow Stem Augers used from 8'-30' bgs.
HCN not detected in any interval.

Contractor: Aquifer Drilling Technology					PARSONS DRILLING RECORD					BORING/ WELL NO. MW-20	
Driller: Jeremy Meyers, Chris Migliori					PROJECT NAME: Con Edison / Farrington St.					Sheet 1 of 1	
Inspector: Zohar Lavy					PROJECT NUMBER: 444575-03000					Location Description:	
Rig Type: Truck Mounted HSA - B61										Farrington St. between 31st Rd. and 31st Dr.	
										Parcel 1	
GROUNDWATER OBSERVATIONS					Weather: Clear, 60's, Wind: 0-5 mph S					Location Plan	
Water Level	DTW	DTW			Date/Time Start: 5/12/09 1035					See Site Plan	
Date	5/13/09	5/27/09			Date/Time Finish: 5/13/09 1100					↑ N	
Time		1020									
Meas. From	Split spoon	Top of Casing									
Sample Depth	Location/ Sample I.D.	SPT	% Rec.	PID* (ppm)	FIELD IDENTIFICATION OF MATERIAL					SCHEMATIC	
0		Vac-tron		0.0	0"-6" CONCRETE; 6"-1' Black/dark brown fine to coarse SAND, some fine to medium angular to sub-angular Gravel						
1		Vac-tron									
2		Vac-tron		0.0	1'-4.5' Orange/light brown fine to medium SAND and SILT, little fine to medium sub-angular to sub-rounded Gravel						
3		Vac-tron									
4		Vac-tron		0.0	4.5'-8.5' Light brown fine SAND, trace Silt, moist						
5		Vac-tron									
6		Vac-tron									
7		Vac-tron									
8		6-8-8-10	0	NA	No Recovery						
9											
10		5-6-8-6	58	1.0	Dark brown/tan fine SAND, trace Silt and Gravel and Mica						
11											
12		8-9-13-15	58	1.3	0"-8" Dark tan/orange medium to coarse SAND, trace Mica						
13					8"-14" Dark brown/tan fine to medium SAND trace Silt and Mica						
14	MW-20 (14-16)	8-8-9-9	100	2.0	0"-16" Dark brown/tan fine to medium SAND trace Silt and Mica						
15					16"-24" Dark orange/tan coarse SAND and fine GRAVEL, saturated						
16		8-9-12-15	75	1.3	Dark orange/tan coarse SAND and fine GRAVEL, saturated						
17											
18		10-13-15-20	100	1.1	0"-14" Dark orange/tan coarse SAND and fine GRAVEL, saturated; 14"-24" Dark brown/grey fine to medium SAND, trace Silt and Mica, saturated, slight hydrocarbon odor						
19											
20		9-11-14-17	50	0.8	Dark brown/grey medium to coarse SAND, some black coarse SAND, saturated, slight sewage odor, slight staining						
21											
22	MW-20 (22-24)	8-9-9-13	58	1.0	Dark brown/grey medium to coarse SAND, trace Mica, slight sewage odor						
23											
24											
25					End Boring at 24' bgs						
26											
27											
28											
29											
30											
31											
32											
33											
34											
35											

SAMPLING METHOD
SS = SPLIT SPOON
A = AUGER CUTTINGS
C = CORED

Boring was hand cleared to 8' bgs;
Hollow Stem Augers used from 8'-24' bgs.
HCN not detected in any interval.

Contractor: Aquifer Drilling Technology					PARSONS DRILLING RECORD					BORING/ WELL NO. MW-21		Sheet 1 of 1		
Driller: Jeremy Meyers, Frank Dicono					PROJECT NAME: Con Edison / Farrington St.					Location Description: 31st Rd (West of Farrington St.), Parcel 1				
Inspector: Zohar Lavy					PROJECT NUMBER: 444575-03000									
Rig Type: Track Mounted HSA - CME55														
GROUNDWATER OBSERVATIONS					Weather: Clear, 60's, Wind: 0-5 mph S					Location Plan				
Water Level	DTW	-14	DTW	12	Date/Time Start: 5/14/09 0800					See Site Plan				
Date	5/19/09	5/27/09			Date/Time Finish: 5/19/09 1045									
Time		0850												
Meas. From	Split spoon	Top of Casing												
Sample Depth	Location/ Sample L.D.	SPT	% Rec.	PID* (ppm)	FIELD IDENTIFICATION OF MATERIAL					SCHEMATIC		COMMENTS		
0		Vac-tron			0"-4" CONCRETE							Locking J-plug on inner wall		
1		Vac-tron		0.0	4"-2.5' Brown fine to medium SAND and SILT, little medium to coarse angular Gravel and Brick moist							Flush Mount Well		
2		Vac-tron			2.5'-8' Dark grey/dark brown fine to medium SAND, little Silt and fine to coarse angular to sub-round Gravel and Brick and Clay and Wood, moist							Cover and Concrete Apron		
3		Vac-tron		0.0								Sand/Bentonite (0.5'-8')		
4		Vac-tron			0"-7" Dark brown coarse SAND, little Silt, trace fine Gravel; 7"-12" Grey fine to medium SAND, some sub-angular Gravel; 12"-16" Dark brown/black fine to medium SAND, some Silt, little Organic Matter							2-inch ID PVC Riser (0.5'-12')		
5		Vac-tron										Bentonite Chips (8'-10')		
6		Vac-tron			0"-6" Dark brown/black fine to medium SAND, some Silt, little Organic Matter, moist							Well Screen 2"-ID (12'-22') 0.02-inch slot PVC		
7		Vac-tron												
8		2-1-3-2	67	0.1	0"-3" Dark brown medium SAND, little Silt, saturated; 3"-10" Dark brown medium to coarse SAND and sub-angular GRAVEL, saturated; 10"-14" Dark brown fine to medium SAND, trace Silt and Mica, moist							# 1 Sand (10' - 22')		
9														
10		2-4-3-3	75	0.3	0"-3" Dark brown fine to medium SAND, trace Silt and Mica, moist					PVC End Cap (22')				
11														
12	MW-21 (12-14)	2-4-4-3	75	1.2	3"-24" Dark brown/tan coarse SAND, some medium Sand, trace sub-round Gravel					End Boring at 22' bgs				
13														
14		2-2-4-5	58	1.5										
15														
16		7-8-9-11	75	0.8										
17														
18		5-6-12-15	75	1.1										
19														
20	MW-21 (20-22)	1-1-2-2	100	0.3										
21														
22														
23														
24														
25														
26														
27														
28														
29														
30														
31														
32														
33														
34														
35														

SAMPLING METHOD
SS = SPLIT SPOON
A = AUGER CUTTINGS
C = CORED

Boring was hand cleared to 8' bgs;
Hollow Stem Augers used from 8'-22' bgs.
HCN not detected in any interval.

APPENDIX B
TEST PIT LOGS

**PARSONS
TEST PIT RECORD**

PROJECT NAME:	<u>Con Edison: Farrington Street</u>	TEST PIT ID: TP-10
PROJECT NUMBER:	<u>444575-03000</u>	
WEATHER	<u>40's, Cloudy and rain; Wind: 5-10 mph E</u>	LOCATION: Approximate L X W X D = 9' X 3.5' X 13.5' Located in Hawkeye Yard 32nd Avenue
DATE/TIME START:	<u>April 15, 2009/ 0915</u>	
DATE/TIME FINISH:	<u>April 15, 2009/ 1430</u>	
CONTRACTOR:	<u>Environmental Closures, Inc.</u>	
INSPECTOR:	<u>Rene Robles</u>	

DEPTH (feet bgs)	FIELD IDENTIFICATION OF MATERIAL	COMMENTS
0	0'-1' TRAP ROCK, brown fine to medium SAND and SILT and angular Gravel	
1	1'-2' COBBLESTONE	
2	2'-5' Brown fine to coarse SAND, some Silt and sub-rounded Gravel, trace Coal Ash	
3		
4		
5	5'-7' Orange/brown fine to coarse SAND, little Silt, trace coarse sub-rounded Gravel, slight hydrocarbon odor	
6		
7	7'-13.5' Grey fine to medium SAND, little fine to coarse sub-rounded Gravel, moist, hydrocarbon odor, staining	Clay pipe encountered at 7 ft bgs
8		
9		
10		
11		
12		
13		
14	Bottom of test pit @ 13.5' bgs (Limit of equipment).	No Groundwater encountered

Test pit was advanced utilizing a back-hoe

**PARSONS
TEST PIT RECORD**

PROJECT NAME: Con Edison: Farrington Street
PROJECT NUMBER: 444575-03000
WEATHER: 40's, Cloudy and rain; Wind: 5-10 mph E
DATE/TIME START: April 15, 2009/ 0915
DATE/TIME FINISH: April 15, 2009/ 1430
CONTRACTOR: Environmental Closures, Inc.
INSPECTOR: Rene Robles

TEST PIT ID: TP-10

LOCATION:

Approximate L X W X D
= 9' X 3.5' X 13.5'
Located in Hawkeye Yard
32nd Avenue

PHOTOGRAPH

Excavation
closeup
Picture taken
from the
north-west,
looking down



Excavation
closeup
Picture taken
from the
north-east
looking down



**PARSONS
TEST PIT RECORD**

PROJECT NAME:	Con Edison: Farrington Street	TEST PIT ID: TP-11
PROJECT NUMBER:	444575-03000	
WEATHER:	50's, Clear; Wind: 0-5 mph NE	LOCATION: Approximate L X W X D = 60' X 3' X 6.5' ECI Yard - 32nd Avenue
DATE/TIME START:	April 16, 2009/ 0745	
DATE/TIME FINISH:	April 17, 2009	
CONTRACTOR:	Environmental Closures, Inc.	
INSPECTOR:	Rene Robles	

DEPTH (feet bgs)	FIELD IDENTIFICATION OF MATERIAL	COMMENTS
0	0-4' = Dark brown fine to course SAND, some Brick fragments, trace Silt, fill material.	Headspace: 0.0 ppm
1		
2	2'-3.5' (western/central portion) = Top of brick wall, concrete wall, metal structure with metal cross-members, filled with brick and metal debris. Groundwater at 3.5'.	Water encountered at ~3.5ft (western/central portion)
3		
4	4'-6.5' (eastern end) = Dark brown fine to course SAND, some Silt, trace subrounded medium to course gravel, brick, wood, metal debris and vitrified Clay pipe at 6.5' bgs.	Headspace: 0.0 ppm No water encountered (Eastern end)
5		
6		
7		
8		
9		
10	Bottom of the excavation @ 6.5' bgs	
11		
12		

Headspace below clay pipe = 112 ppm.
Test pit was advanced utilizing a back-hoe

**PARSONS
TEST PIT RECORD**

PROJECT NAME: Con Edison: Farrington Street
 PROJECT NUMBER: 444575-03000
 WEATHER: 50's, Clear; Wind: 0-5 mph NE
 DATE/TIME START: April 16, 2009/ 0745
 DATE/TIME FINISH: April 17, 2009
 CONTRACTOR: Environmental Closures, Inc.
 INSPECTOR: Rene Robles

TEST PIT ID: TP-11

LOCATION:
 Approximate L X W X D
 = 60' X 3' X 6.5'
 ECI Yard - 32nd Avenue

PHOTOGRAPH

Excavation close-up
 Picture taken from the west showing top of brick wall, concrete wall, and metal structure (possible coal bins).



Excavation close-up of metal structure (possible coal bins)



**PARSONS
TEST PIT RECORD**

PROJECT NAME: Con Edison: Farrington Street
PROJECT NUMBER: 444575-03000
WEATHER: 50's, Clear; Wind: 0-5 mph NE
DATE/TIME START: April 16, 2009/ 0745
DATE/TIME FINISH: April 17, 2009
CONTRACTOR: Environmental Closures, Inc.
INSPECTOR: Rene Robles

TEST PIT ID: TP-11

LOCATION:

Approximate L X W X D
= 60' X 3' X 6.5'
ECI Yard - 32nd Avenue

PHOTOGRAPH

Eastern end of test pit. Looking northeast at elbow connection of sewer pipe below ECI concrete driveway.



**PARSONS
TEST PIT RECORD**

PROJECT NAME: Con Edison: Farrington Street
 PROJECT NUMBER: 444575-03000
 WEATHER: 50s, cloudy; Wind: 0-5 mph S
 DATE/TIME START: April 22, 2009/0755
 DATE/TIME FINISH: April 22, 2009/1400
 CONTRACTOR: Environmental Closures, Inc.
 INSPECTOR: Rene Robles

TEST PIT ID: TP-12A
LOCATION:
 Approximate L X W X D
 = 15' X 11' X 5.5'
 ECI Yard/ 32nd Ave.

DEPTH (feet bgs)	FIELD IDENTIFICATION OF MATERIAL	COMMENTS
0	0"-0.5' Dark brown fine SAND, sub-angular Gravel, little Silt	Headspace: 0.0 ppm
1	0.5'-1.5' Red/brown fine SAND, trace Silt, metal wall encountered at 1', broken brick, and debris.	Headspace: 0.0 ppm
2	1.5'-2.5 Broken brick and metal debris. Groundwater at 2.5'	
3	Bottom of test pit @ 2.5' bgs	
4		
5		
6		
7		
8		
9		
10		
11		
12		

Test pit installed with backhoe

**PARSONS
TEST PIT RECORD**

PROJECT NAME: Con Edison: Farrington Street
PROJECT NUMBER: 444575-03000
WEATHER: 50s, cloudy; Wind: 0-5 mph S
DATE/TIME START: April 22, 2009/0755
DATE/TIME FINISH: April 22, 2009/1400
CONTRACTOR: Environmental Closures, Inc.
INSPECTOR: Rene Robles

TEST PIT ID: TP-12A

LOCATION:

Approximate L X W X D
= 15' X 11' X 5.5'
ECI Yard/ 32nd Ave.

PHOTOGRAPH

Excavation close-up
Picture taken from the north.
Metal wall on right side
(possible tar tank).



Excavation close-up
Picture taken from the west
Close-up of metal wall.



**PARSONS
TEST PIT RECORD**

PROJECT NAME:	Con Edison: Farrington Street	TEST PIT ID:	TP-12B
PROJECT NUMBER:	444575-03000	LOCATION:	
WEATHER	50s, cloudy; Wind: 0-5 mph S	Approximate L X W X D = 15' X 11' X 5.5'	
DATE/TIME START:	April 22, 2009/0755	ECI Yard/ 32nd Ave.	
DATE/TIME FINISH:	April 22, 2009/1400		
CONTRACTOR:	Environmental Closures, Inc.		
INSPECTOR:	Rene Robles		

DEPTH (feet bgs)	FIELD IDENTIFICATION OF MATERIAL	COMMENTS
0	0"-1.5' Dark brown fine SAND, sub-angular Gravel, little Silt	Headspace: 0.0 ppm
1	1.5'-2.5' Yellow/brown fine SAND, trace Silt	Headspace: 0.0 ppm
2	2.5'-4.5' Dark brown fine SAND, some Silt, little sub-rounded fine to medium Gravel	Headspace: 0.0 ppm
3		
4	4.5'-5' Yellow/brown fine SAND, trace Silt	Headspace: 0.0 ppm
5		Water encountered at 5.5 ft bgs
6	Bottom of test pit @ 5.5' bgs	Groundwater not encountered
7		
8		
9		
10		
11		
12		

Test pit was advanced utilizing a back-hoe

**PARSONS
TEST PIT RECORD**

PROJECT NAME: Con Edison: Farrington Street
PROJECT NUMBER: 444575-03000
WEATHER: 50s, cloudy; Wind: 0-5 mph S
DATE/TIME START: April 22, 2009/0755
DATE/TIME FINISH: April 22, 2009/1400
CONTRACTOR: Environmental Closures, Inc.
INSPECTOR: Rene Robles

TEST PIT ID: TP-12B

LOCATION:

Approximate L X W X D
= 15' X 11' X 5.5'
ECI Yard/ 32nd Ave.

PHOTOGRAPH

Excavation
closeup
From the East



Excavation
closeup
From the
West



**PARSONS
TEST PIT RECORD**

PROJECT NAME: <u>Con Edison: Farrington Street</u>	TEST PIT ID: TP-13N
PROJECT NUMBER: <u>444575-03000</u>	
WEATHER: <u>Clear, 50's, Wind: 5-10 mph SE</u>	LOCATION:
DATE/TIME START: <u>April 24, 2009/0815</u>	Approximate L X W X D
DATE/TIME FINISH: <u>April 24, 2009/1400</u>	= 3.75' X 2.25' X 5.5'
CONTRACTOR: <u>Environmental Closures, Inc.</u>	Farrington St./Con Edison Yard
INSPECTOR: <u>Rene Robles</u>	

DEPTH (feet bgs)	FIELD IDENTIFICATION OF MATERIAL	COMMENTS
0	0-3" = Dark brown fine to medium SAND, some coarse angular Gravel, little Silt, dry, medium dense.	
1	3"-4.5' = Dark brown fine to medium SAND, some wood debris.	Headspace = 0.0 ppm
2		Headspace = 0.0 ppm
3		
4	4.5'- 5.5' = Light brown-orange Crushed Slag, little Sand, trace Silt, dry, medium dense.	Headspace = 3.9 ppm
5		
6		
7		
8		
9		
10	End of test pit @ 5.5' bgs.	No Groundwater encountered
11		
12		

Test pit was advanced utilizing hand tools and vactron.

**PARSONS
TEST PIT RECORD**

PROJECT NAME: Con Edison: Farrington Street
PROJECT NUMBER: 444575-03000
WEATHER: Clear, 50's, Wind: 5-10 mph SE
DATE/TIME START: April 24, 2009/0815
DATE/TIME FINISH: April 24, 2009/1400
CONTRACTOR: Environmental Closures, Inc.
INSPECTOR: Rene Robles

TEST PIT ID: TP-13N

LOCATION:

Approximate L X W X D
= 3.75' X 2.25' X 5.5'
Farrington St./Con Edison Yard

PHOTOGRAPH

Excavation close-up
Picture taken from the south-east.
Wood debris shown in the upper right, unattached metal pipe shown in the center of picture



Excavation close-up
Picture taken from the north.
Wood debris shown in the bottom left, unattached metal pipe shown in the center of picture



**PARSONS
TEST PIT RECORD**

PROJECT NAME: <u>Con Edison: Farrington Street</u>	TEST PIT ID: TP-13S
PROJECT NUMBER: <u>444575-03000</u>	
WEATHER: <u>Clear, 50's, Wind: 5-10 mph SE</u>	LOCATION:
DATE/TIME START: <u>April 24, 2009/1320</u>	Approximate L X W X D
DATE/TIME FINISH: <u>April 24, 2009/1430</u>	= 3.75' X 2.25' X 4'
CONTRACTOR: <u>Environmental Closures, Inc.</u>	Farrington St./Con Edison Yard
INSPECTOR: <u>Zohar Lavy</u>	

DEPTH (feet bgs)	FIELD IDENTIFICATION OF MATERIAL	COMMENTS
0	0-12" = Dark brown medium to course SAND, subangular Gravel, little Silt.	
1	12"-2' = Brown/grey medium Sand and 2" Gravel, little brick fragments, little Silt.	
2	2'-3.5' = Dark brown/black medium to course SAND, trace Cobble, trace Silt.	
3	3.5'-4' = Dark brown/black course SAND, some Coal fragments, little Silt, trace gravel.	Headspace = 111 ppm
4		
5		
6		
7		
8		
9		
10	End of test pit @ 4' bgs.	No Groundwater encountered
11		
12		

Test pit was advanced utilizing hand tools and vactron.

**PARSONS
TEST PIT RECORD**

PROJECT NAME: Con Edison: Farrington Street
PROJECT NUMBER: 444575-03000
WEATHER: Clear, 50's, Wind: 5-10 mph SE
DATE/TIME START: April 24, 2009/1320
DATE/TIME FINISH: April 24, 2009/1430
CONTRACTOR: Environmental Closures, Inc.
INSPECTOR: Zohar Lavy

TEST PIT ID: TP-13S

LOCATION:

Approximate L X W X D
= 3.75' X 2.25' X 4'
Farrington St./Con Edison Yard

PHOTOGRAPH

Excavation
closeup



Above: Photo of refusal interval at approximately 2 ft bgs on cobble.

**PARSONS
TEST PIT RECORD**

PROJECT NAME: <u>Con Edison: Farrington Street</u>	TEST PIT ID: TP-14W
PROJECT NUMBER: <u>444575-03000</u>	
WEATHER: <u>Clear, 80's, Wind: 0-5MPH NE</u>	
DATE/TIME START: <u>April 27, 2009/0815</u>	
DATE/TIME FINISH: <u>April 27, 2009/1430</u>	
CONTRACTOR: <u>Environmental Closures, Inc.</u>	
INSPECTOR: <u>Rene Robles</u>	
LOCATION:	
Approximate L X W X D = 11' X 2.5' X 5.5' Farrington St./Con Edison Yard	

DEPTH (feet bgs)	FIELD IDENTIFICATION OF MATERIAL	COMMENTS
0	0-1.5' = Dark brown SAND, some medium to coarse angular Gravel little Silt dry medium dense.	Headspace = 0.0 ppm
1	1.5'-2' = Concrete. brick and wood. Conduit pieced @ 4' (moist).	
2	2'-3' = Coal, slag.	Headspace = 30.4 ppm
3	3'-5.5' = Light brown/yellow fine SAND, Silt.	Headspace = 4.6 ppm
4		
5		
6		
7		
8		
9		
10	End of test pit @ 5.5' bgs.	No Groundwater encountered
11		
12		

Test pit was advanced utilizing hand tools and vactron.

**PARSONS
TEST PIT RECORD**

PROJECT NAME: Con Edison: Farrington Street
PROJECT NUMBER: 444575-03000
WEATHER: Clear, 80's, Wind: 0-5MPH NE
DATE/TIME START: April 27, 2009/0815
DATE/TIME FINISH: April 27, 2009/1430
CONTRACTOR: Environmental Closures, Inc.
INSPECTOR: Rene Robles

TEST PIT ID: TP-14W

LOCATION:

Approximate L X W X D
= 11' X 2.5' X 5.5'
Farrington St./Con Edison Yard

PHOTOGRAPH

Excavation
closeup



Excavation
closeup



**PARSONS
TEST PIT RECORD**

PROJECT NAME:	Con Edison: Farrington Street	TEST PIT ID:	TP-14E/TP-14A
PROJECT NUMBER:	444575-03000	LOCATION:	
WEATHER	Overcast, 52's, Wind: 5-10MPH	Approximate L X W X D	
DATE/TIME START:	April 29, 2009/0840	= 10' X 2' X 5'	
DATE/TIME FINISH:	April 30, 2009/1415	Farrington St./Con Edison Yard	
CONTRACTOR:	Environmental Closures, Inc.		
INSPECTOR:	Zohar Lavy		

DEPTH (feet bgs)	FIELD IDENTIFICATION OF MATERIAL	COMMENTS
0	0-1.5' = Brown/grey medium to coarse SAND and sub-angular GRAVEL, little Silt.	0.0 ppm
1	1.5'-3' = Dark brown medium to coarse SAND, little sub angular	0.8 ppm
2	Gravel, trace Silt and Brick fragments	
3	3'-5' = Dark brown/black medium SAND, some fine brown/green Sand, slight MGP odor	21.3 ppm
4		
5		
6		
7		
8		
9		
10	End of test pit @ 5' bgs.	No Groundwater encountered
11		
12		

Test pit advanced utilizing hand tools and vactron.

**PARSONS
TEST PIT RECORD**

PROJECT NAME: Con Edison: Farrington Street
PROJECT NUMBER: 444575-03000
WEATHER: Overcast, 52's, Wind: 5-10MPH
DATE/TIME START: April 29, 2009/0840
DATE/TIME FINISH: April 30, 2009/1415
CONTRACTOR: Environmental Closures, Inc.
INSPECTOR: Zohar Lavy

TEST PIT ID: TP-14E/TP-14A

LOCATION:

Approximate L X W X D
= 10' X 2' X 5'
Farrington St./Con Edison Yard

PHOTOGRAPH

Excavation
closeup



Above: Metal rail/rod encountered at approximately 3 ft bgs

Excavation
closeup



Above: Hollow concrete encountered at 4 ft bgs.

**PARSONS
TEST PIT RECORD**

PROJECT NAME: <u>Con Edison: Farrington Street</u> PROJECT NUMBER: <u>444575-03000</u> WEATHER: <u>Overcast, 52's, Wind: 5-10MPH</u> DATE/TIME START: <u>April 29, 2009/0840</u> DATE/TIME FINISH: <u>April 30, 2009/1415</u> CONTRACTOR: <u>Environmental Closures, Inc.</u> INSPECTOR: <u>Zohar Lavy</u>	TEST PIT ID: TP-14B LOCATION: Approximate L X W X D = 4' X 2' X 8' Farrington St./Con Edison Yard
--	---

DEPTH (feet bgs)	FIELD IDENTIFICATION OF MATERIAL	COMMENTS
0	0-1.5' = Light brown/grey fine SAND and subangular Gravel, trace Silt.	
1	1.5'-2.5' = Dark brown medium to course SAND, some sub angular Gravel.	
2	2.5'-3' = Concrete fragments and black weathered Cobble(asphalt).	
3	3'-3.5' = Wood on the west side of hole, concrete fragments on the east side of hole.	
4	3.5'-4' = Dark brown medium to course SAND, come fine Gravel, trace silt.	Headspace = 0.5 ppm
5	4'-5' = Dark brown/grey medium to course SAND, some fine Gravel, little Slag, trace silt.	Headspace = 0.8 ppm
6	5'-7' = Dark brown/green medium to course SAND, little fine Gravel, slight moisture.	Headspace = 10.7 ppm
7	7'-8' = Dark brown.drak grey medium SAND, some fine Gravel.	Headspace = 0.5 ppm
8		
9		
10	End of test pit @ 8' bgs.	No Groundwater encountered
11		
12		

Test pit advanced utilizing hand tools and vactron.
 Edge of concrete holder foundation encountered at 4 ft bgs

**PARSONS
TEST PIT RECORD**

PROJECT NAME: Con Edison: Farrington Street
PROJECT NUMBER: 444575-03000
WEATHER: Overcast, 52's, Wind: 5-10MPH
DATE/TIME START: April 29, 2009/0840
DATE/TIME FINISH: April 30, 2009/1415
CONTRACTOR: Environmental Closures, Inc.
INSPECTOR: Zohar Lavy

TEST PIT ID: TP-14B

LOCATION:

Approximate L X W X D
= 4' X 2' X 8'
Farrington St./Con Edison Yard

PHOTOGRAPH

Excavation
closeup



Above: Edge of holder encountered at 4 ft bgs on east side of hand clearance hole.

Above: Hollow concrete encountered at 4 ft bgs.

Test pit 14E was advanced in attempt to locate the edge of the Steel Gas Holder.

**PARSONS
TEST PIT RECORD**

PROJECT NAME:	Con Edison: Farrington Street	TEST PIT ID:	TP-15
PROJECT NUMBER:	444575-03000	LOCATION:	
WEATHER	50's, Clear; Wind: 0-5 mph NE	Approximate L X W X D = 15' X 4.8' X 5'	
DATE/TIME START:	April 23, 2009/0840	Located in Hawkeye Yard	
DATE/TIME FINISH:	April 23, 2009/1120	32nd Avenue	
CONTRACTOR:	Environmental Closures, Inc.		
INSPECTOR:	Rene Robles		

DEPTH (feet bgs)	FIELD IDENTIFICATION OF MATERIAL	COMMENTS
0	0"-3.5' Brown/dark brown fine to coarse SAND, some Silt, little fine to medium angular Gravel, hydrocarbon odor, staining	Headspace = 4.5 ppm HCN = 1.0
1		
2	3.5'-5' Yellow/brown fine to coarse SAND, trace Silt	Headspace = 0.2 ppm
3		
4		
5	End of test pit @ 9.5' bgs.	Groundwater not encountered
6		
7		
8		
9		
10		
11		
12		

Test pit was advanced utilizing back-hoe

PARSONS TEST PIT RECORD

PROJECT NAME: Con Edison: Farrington Street
 PROJECT NUMBER: 444575-03000
 WEATHER: 50's, Clear; Wind: 0-5 mph NE
 DATE/TIME START: April 23, 2009/0840
 DATE/TIME FINISH: April 23, 2009/1120
 CONTRACTOR: Environmental Closures, Inc.
 INSPECTOR: Rene Robles

TEST PIT ID: TP-15

LOCATION:

Approximate L X W X D
 = 13' X 3.5' X 9.5'
 Located in Hawkeye Yard
 32nd Avenue

PHOTOGRAPH

Excavation close-up
 Picture taken from the south.
 Inactive gas line shown in the center of picture
 Suspected gas house southern foundation at the top of the picture.



Excavation close-up
 Picture taken from the north,
 Straight down.
 Inactive gas line shown at the top of picture
 Suspected gas house southern foundation at the bottom of the picture.



APPENDIX C
GROUNDWATER SAMPLING LOGS

PARSONS

GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison (Farrington Street)
PROJECT NUMBER: 444575-03000
Purge Date: June 15, 2009
Sampling Date: June 15, 2009
Samplers: Rene Robles/Stuart Davis of Parsons / Somerset, NJ
SAMPLE ID: MW-13
Sampling Method: Low Flow Purge Whale Pump

WELL PURGING

Static Water Level (TOC): 12.43
 Depth to Well Bottom (TOC): 25.64
CALCULATIONS: Ft. of Water in Well _____ X (GAL / FT) = _____ Gallons
1-inch Casing: Ft. of Water in Well _____ x 0.041 = _____ Gallons
2-inch Casing: Ft. of Water in Well 13.21 x 0.16 = 2.11 Gallons x 3 = 6.3408 Gallons
 3-inch Casing: Ft. of Water in Well _____ x 0.32 = _____ Gallons
 4-inch Casing: Ft. of Water in Well _____ x 0.64 = _____ Gallons
 Method: Low Flow Purge Whale Pump

SAMPLE DESCRIPTION

Odor : _____
 Other : _____

FIELD TESTS

	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE
Time	0942	0947	0952	0957	1002	1007	1012
Depth To Water (TOC) (ft)	12.4	12.5	12.5	12.5	12.5	12.5	12.5
Depth To Pump (TOC) (ft)	23.5	23.5	23.5	23.5	23.5	23.5	23.5
Flow Rate (ml/min)	500	500	500	450	450	500	500
Volume of Water Purged							
pH (s.u.)	6.12	6.29	6.38	6.42	6.45	6.44	6.44
Conductivity (mS/cm)	1.92	2.07	1.92	1.88	1.87	1.86	1.86
Turbidity (NTUs)	877	321	214	143	122	108	114
Dissolved Oxygen (mg/L)	3.63	2.39	2.11	2.07	1.86	1.78	1.71
Temperature (Degrees C)	14.27	13.97	14.18	14.01	13.86	13.54	13.24
ORP (mV)	-20	-59	-82	-98	-107	-110	-115
Salinity (%)	0.1	0.1	0.1	0.1	0.1	0.1	0.1
TDS (g/L)	1.2	1.3	1.2	1.2	1.2	1.2	1.2

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs and SVOCs, TAL Metals, CN
 Shipped Via: Chemtech
 Laboratory: _____
 Other Notes: Sample collected at 1102, ~13 Gallons Purged

PARSONS

GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison (Farrington Street)
PROJECT NUMBER: 444575-03000
Purge Date: June 15, 2009
Sampling Date: June 15, 2009
Samplers: Rene Robles/Stuart Davis of Parsons / Somerset, NJ
SAMPLE ID: MW-13 Cont.
Sampling Method: Low Flow Purge Whale Pump

WELL PURGING

Static Water Level (TOC): 12.43
 Depth to Well Bottom (TOC): 25.64
CALCULATIONS: Ft. of Water in Well _____ X (GAL / FT) = _____ Gallons
1-inch Casing: Ft. of Water in Well _____ x 0.041 = _____ Gallons
2-inch Casing: Ft. of Water in Well 13.21 x 0.16 = 2.11 Gallons x 3 = 6.3408 Gallons
 3-inch Casing: Ft. of Water in Well _____ x 0.32 = _____ Gallons
 4-inch Casing: Ft. of Water in Well _____ x 0.64 = _____ Gallons
 Method: Low Flow Purge Whale Pump

SAMPLE DESCRIPTION

Odor : _____
 Other : _____

FIELD TESTS

	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	SAMPLE
Time	1022	1027	1032	1037	1042	1047	1052	1057
Depth To Water (TOC) (ft)	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5
Depth To Pump (TOC) (ft)	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5
Flow Rate (ml/min)	500	500	500	500	500	500	500	500
Volume of Water Purged								
pH (s.u.)	6.45	6.45	6.45	6.46	6.46	6.46	6.46	6.45
Conductivity (mS/cm)	1.86	1.87	1.87	1.87	1.87	1.87	1.86	1.87
Turbidity (NTUs)	116	113	109	111	129	140	155	162
Dissolved Oxygen (mg/L)	1.63	1.63	1.60	1.57	1.57	1.54	1.54	1.52
Temperature (Degrees C)	13.26	13.31	13.34	13.38	13.51	13.69	13.88	14.28
ORP (mV)	-117	-117	-116	-112	-106	-100	-93	-88
Salinity (%)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
TDS (g/L)	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs and SVOCs, TAL Metals, CN
 Shipped Via: Chemtech
 Laboratory: _____
 Other Notes: Sample collected at 1102, ~13 Gallons Purged

PARSONS
GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison (Farrington Street)
PROJECT NUMBER: 444575-03000
Purge Date: June 15, 2009
Sampling Date: June 15, 2009
Samplers: Rene Robles/Stuart Davis of Parsons / Somerset, NJ
SAMPLE ID: MW-13 Cont.
Sampling Method: Low Flow Purge Whale Pump

WELL PURGING

Static Water Level (TOC): 12.43
 Depth to Well Bottom (TOC): 25.64
CALCULATIONS: Ft. of Water in Well _____ X (GAL / FT) = _____ Gallons
1-inch Casing: Ft. of Water in Well _____ x 0.041 = _____ Gallons
2-inch Casing: Ft. of Water in Well 13.21 x 0.16 = 2.11 Gallons x 3 = 6.3408 Gallons
 3-inch Casing: Ft. of Water in Well _____ x 0.32 = _____ Gallons
 4-inch Casing: Ft. of Water in Well _____ x 0.64 = _____ Gallons
 Method: Low Flow Purge Whale Pump

SAMPLE DESCRIPTION

Odor : _____
 Other : _____

FIELD TESTS

	SAMPLE
Time	1102
Depth To Water (TOC) (ft)	12.5
Depth To Pump (TOC) (ft)	23.5
Flow Rate (ml/min)	500
Volume of Water Purged	13
pH (s.u.)	6.46
Conductivity (mS/cm)	1.89
Turbidity (NTUs)	172
Dissolved Oxygen (mg/L)	1.54
Temperature (Degrees C)	14.17
ORP (mV)	-82
Salinity (%)	0.1
TDS (g/L)	1.2

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs and SVOCs, TAL Metals, CN

 Shipped Via: Chemtech
 Laboratory
 Other Notes: Sample collected at 1102, ~13 Gallons Purged

PARSONS

GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison (Farrington Street)
PROJECT NUMBER: 444575-03000
Purge Date: June 15, 2009
Sampling Date: June 15, 2009
Samplers: Rene Robles/Stuart Davis of Parsons / Somerset, NJ
SAMPLE ID: MW-14
Sampling Method: Low Flow Purge Whale Pump

WELL PURGING

Static Water Level (TOC): 12.28
 Depth to Well Bottom (TOC): 24.89
CALCULATIONS: Ft. of Water in Well _____ X (GAL / FT) = _____ Gallons
1-inch Casing: Ft. of Water in Well _____ x 0.041 = _____ Gallons
2-inch Casing: Ft. of Water in Well 12.61 x 0.16 = 2.02 Gallons x 3 = 6.0528 Gallons
 3-inch Casing: Ft. of Water in Well _____ x 0.32 = _____ Gallons
 4-inch Casing: Ft. of Water in Well _____ x 0.64 = _____ Gallons
 Method: Low Flow Purge Whale Pump

SAMPLE DESCRIPTION

Odor : Hydrocarbon odor
 Other : LNAPL was noted in well (<1 inch)

FIELD TESTS

	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE
Time	1100	1110	1115	1120	1125	1130	1135
Depth To Water (TOC) (ft)							
Depth To Pump (TOC) (ft)							
Flow Rate (ml/min)	~350	~350	~500	~500	~500	~500	~500
Volume of Water Purged							
pH (s.u.)	6.50	6.54	6.57	6.61	6.66	6.69	6.73
Conductivity (mS/cm)	1.50	2.27	1.87	1.60	1.55	1.54	1.53
Turbidity (NTUs)	600	232	212	200	183	146	132
Dissolved Oxygen (mg/L)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Temperature (Degrees C)	14.67	15.39	15.01	15.51	15.45	15.04	15.01
ORP (mV)	-60	-83	-87	-95	-98	-101	-105
Salinity (%)	0.1	0.1	0.1	0.1	0.1	0.1	0.1
TDS (g/L)	1.0	1.4	1.2	1.0	1.0	1.0	1.0

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs and SVOCs, TAL Metals, CN
 Shipped Via: Chemtech
 Laboratory:
 Other Notes: Sample collected at 1235

PARSONS

GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison (Farrington Street)
PROJECT NUMBER: 444575-03000
Purge Date: June 15, 2009
Sampling Date: June 15, 2009
Samplers: Rene Robles/Stuart Davis of Parsons / Somerset, NJ
SAMPLE ID: MW-14 Cont.
Sampling Method: Low Flow Purge Whale Pump

WELL PURGING

Static Water Level (TOC): 12.28
 Depth to Well Bottom (TOC): 24.89
CALCULATIONS: Ft. of Water in Well _____ X (GAL / FT) = _____ Gallons
1-inch Casing: Ft. of Water in Well _____ x 0.041 = _____ Gallons
2-inch Casing: Ft. of Water in Well 12.61 x 0.16 = 2.02 Gallons x 3 = 6.0528 Gallons
 3-inch Casing: Ft. of Water in Well _____ x 0.32 = _____ Gallons
 4-inch Casing: Ft. of Water in Well _____ x 0.64 = _____ Gallons
 Method: Low Flow Purge Whale Pump

SAMPLE DESCRIPTION

Odor : Hydrocarbon odor
 Other : LNAPL was noted in well (<1 inch)

FIELD TESTS

	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE
Time	1145	1150	1155	1210	1215	1220	1230
Depth To Water (TOC) (ft)							
Depth To Pump (TOC) (ft)							
Flow Rate (ml/min)	~500	~500	~500	~500	~500	~500	~500
Volume of Water Purged							
pH (s.u.)	6.75	6.76	6.78	6.67	6.75	6.76	6.78
Conductivity (mS/cm)	1.54	1.54	1.53	1.59	1.75	1.67	1.57
Turbidity (NTUs)	102	98	97.4	64.3	53	52.2	39
Dissolved Oxygen (mg/L)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Temperature (Degrees C)	14.76	14.75	14.73	15.11	15.05	14.98	15.10
ORP (mV)	-107	-108	-110	-77	-85	-89	-91
Salinity (%)	0.1	0.1	0.1	0.1	0.1	0.1	0.1
TDS (g/L)	1.0	1.0	1.0	1.0	1.1	1.1	1.0

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs and SVOCs, TAL Metals, CN
 Shipped Via: Chemtech
 Laboratory:
 Other Notes: Sample collected at 1235

PARSONS GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison (Farrington Street)
PROJECT NUMBER: 444575-03000
Purge Date: June 15, 2009
Sampling Date: June 15, 2009
Samplers: Rene Robles/Stuart Davis of Parsons / Somerset, NJ
SAMPLE ID: MW-14 Cont.
Sampling Method: Low Flow Purge Whale Pump

WELL PURGING

Static Water Level (TOC): 12.28
 Depth to Well Bottom (TOC): 24.89
CALCULATIONS: Ft. of Water in Well _____ X (GAL / FT) = _____ Gallons
1-inch Casing: Ft. of Water in Well _____ x 0.041 = _____ Gallons
2-inch Casing: Ft. of Water in Well 12.61 x 0.16 = 2.02 Gallons x 3 = 6.0528 Gallons
 3-inch Casing: Ft. of Water in Well _____ x 0.32 = _____ Gallons
 4-inch Casing: Ft. of Water in Well _____ x 0.64 = _____ Gallons
 Method: Low Flow Purge Whale Pump

SAMPLE DESCRIPTION

Odor : Hydrocarbon odor
 Other : _____

FIELD TESTS

	SAMPLE
Time	1235
Depth To Water (TOC) (ft)	
Depth To Pump (TOC) (ft)	
Flow Rate (ml/min)	~500
Volume of Water Purged	
pH (s.u.)	6.78
Conductivity (mS/cm)	1.56
Turbidity (NTUs)	42.1
Dissolved Oxygen (mg/L)	0.0
Temperature (Degrees C)	15.04
ORP (mV)	-91
Salinity (%)	0.1
TDS (g/L)	1.0

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs and SVOCs, TAL Metals, CN
 Shipped Via: Chemtech
 Laboratory:
 Other Notes: Sample collected at 1235

PARSONS

GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison (Farrington Street)
PROJECT NUMBER: 444575-03000
Purge Date: June 15, 2009
Sampling Date: June 15, 2009
Samplers: Rene Robles/Stuart Davis of Parsons / Somerset, NJ
SAMPLE ID: MW-15
Sampling Method: Low Flow Purge Whale Pump

WELL PURGING

Static Water Level (TOC): 11.14
 Depth to Well Bottom (TOC): 28.12
CALCULATIONS: Ft. of Water in Well _____ X (GAL / FT) = _____ Gallons
1-inch Casing: Ft. of Water in Well _____ x 0.041 = _____ Gallons
2-inch Casing: Ft. of Water in Well 16.98 x 0.16 = 2.72 Gallons x 3 = 8.1504 Gallons
 3-inch Casing: Ft. of Water in Well _____ x 0.32 = _____ Gallons
 4-inch Casing: Ft. of Water in Well _____ x 0.64 = _____ Gallons
 Method: Low Flow Purge Whale Pump

SAMPLE DESCRIPTION

Odor : _____
 Other : _____

FIELD TESTS

	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE
Time	0747	0752	0757	0802	0807	0812	0817
Depth To Water (TOC) (ft)	11.0	11.1	11.1	11.1	11.1	11.1	11.1
Depth To Pump (TOC) (ft)	26.5	26.5	26.5	26.5	26.5	26.5	26.5
Flow Rate (ml/min)	500	500	500	450	450	500	500
Volume of Water Purged							
pH (s.u.)	6.14	6.31	6.40	6.15	6.45	6.44	6.45
Conductivity (mS/cm)	2.00	1.85	1.90	1.99	1.94	1.92	1.89
Turbidity (NTUs)	905	397	223	153	111	105	120
Dissolved Oxygen (mg/L)	2.69	1.87	1.67	1.02	0.88	0.32	0.00
Temperature (Degrees C)	14.67	14.55	14.37	14.25	14.32	14.14	13.87
ORP (mV)	-63	-87	-85	-98	-91	-106	-110
Salinity (%)	0.1	0.1	0.1	0.1	0.1	0.1	0.1
TDS (g/L)	1.0	1.0	1.0	1.0	1.1	1.0	1.0

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs and SVOCs, TAL Metals, CN

 Shipped Via: Chemtech
 Laboratory: _____
 Other Notes: Sample collected at 1102, ~13 Gallons Purged

PARSONS

GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison (Farrington Street)
PROJECT NUMBER: 444575-03000
Purge Date: June 15, 2009
Sampling Date: June 15, 2009
Samplers: Rene Robles/Stuart Davis of Parsons / Somerset, NJ
SAMPLE ID: MW-15 Cont.
Sampling Method: Low Flow Purge Whale Pump

WELL PURGING

Static Water Level (TOC): 11.14
 Depth to Well Bottom (TOC): 28.12
CALCULATIONS: Ft. of Water in Well _____ X (GAL / FT) = _____ Gallons
1-inch Casing: Ft. of Water in Well _____ x 0.041 = _____ Gallons
2-inch Casing: Ft. of Water in Well 16.98 x 0.16 = 2.72 Gallons x 3 = 8.1504 Gallons
 3-inch Casing: Ft. of Water in Well _____ x 0.32 = _____ Gallons
 4-inch Casing: Ft. of Water in Well _____ x 0.64 = _____ Gallons
 Method: Low Flow Purge Whale Pump

SAMPLE DESCRIPTION

Odor : _____
 Other : _____

FIELD TESTS

	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	SAMPLE
Time	0827	0832	0837	0842	0847	0852	0857	0902
Depth To Water (TOC) (ft)	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1
Depth To Pump (TOC) (ft)	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5
Flow Rate (ml/min)	500	500	500	500	500	500	500	500
Volume of Water Purged								
pH (s.u.)	6.45	6.45	6.45	6.46	6.46	6.46	6.46	6.45
Conductivity (mS/cm)	1.86	1.87	1.87	1.87	1.87	1.87	1.86	1.87
Turbidity (NTUs)	121	103	110	125	135	156	155	167
Dissolved Oxygen (mg/L)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Temperature (Degrees C)	13.31	13.26	13.33	13.34	13.56	13.67	13.87	14.25
ORP (mV)	-116	-116	-112	-102	-99	-93	-90	-88
Salinity (%)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
TDS (g/L)	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs and SVOCs, TAL Metals, CN

 Shipped Via: Chemtech
 Laboratory
 Other Notes: Sample collected at 0902, ~12.5 Gallons Purged

PARSONS

GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison (Farrington Street)
PROJECT NUMBER: 444575-03000
Purge Date: June 16, 2009
Sampling Date: June 16, 2009
Samplers: Rene Robles/Stuart Davis of Parsons / Somerset, NJ
SAMPLE ID: MW-16
Sampling Method: Low Flow Purge Whale Pump

WELL PURGING

Static Water Level (TOC): 13.73
 Depth to Well Bottom (TOC): 29.31
CALCULATIONS: Ft. of Water in Well _____ X (GAL / FT) = _____ Gallons
1-inch Casing: Ft. of Water in Well _____ x 0.041 = _____ Gallons
2-inch Casing: Ft. of Water in Well 15.58 x 0.16 = 2.49 Gallons x 3 = 7.474 Gallons
 3-inch Casing: Ft. of Water in Well _____ x 0.32 = _____ Gallons
 4-inch Casing: Ft. of Water in Well _____ x 0.64 = _____ Gallons
 Method: Low Flow Purge Whale Pump

SAMPLE DESCRIPTION

Odor : Hydrocarbon odor
 Other : _____

FIELD TESTS

	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE
Time	0810	0815	0820	0825	0830	0835	0840
Depth To Water (TOC) (ft)	13.73	13.73	13.73	13.73	13.73	13.73	13.73
Depth To Pump (TOC) (ft)	~27	~27	~27	~27	~27	~27	~27
Flow Rate (ml/min)	~400	~500	~500	~500	~500	~500	~500
Volume of Water Purged	~2.0	~2.5	~3.0	~3.5	~4.0	~4.5	~5.5
pH (s.u.)	7.22	7.45	7.41	7.38	7.39	7.38	7.39
Conductivity (mS/cm)	8.79	6.18	5.45	5.38	5.12	5.07	5.13
Turbidity (NTUs)	770	754	295	318	226	220	234
Dissolved Oxygen (mg/L)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Temperature (Degrees C)	14.44	14.46	14.42	14.60	14.37	14.37	14.49
ORP (mV)	-172	-180	-177	-175	-175	-175	-175
Salinity (%)	0.5	0.3	0.3	0.3	0.3	0.3	0.3
TDS (g/L)	5.4	3.8	3.4	3.4	3.3	3.2	3.2

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs and SVOCs, TAL Metals, CN
 Shipped Via: Chemtech
 Laboratory: _____
 Other Notes: Sample collected at 0940, ~11 Gallons Purged

PARSONS

GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison (Farrington Street)
PROJECT NUMBER: 444575-03000
Purge Date: June 16, 2009
Sampling Date: June 16, 2009
Samplers: Rene Robles/Stuart Davis of Parsons / Somerset, NJ
SAMPLE ID: MW-16 Cont.
Sampling Method: Low Flow Purge Whale Pump

WELL PURGING

Static Water Level (TOC): 13.73
 Depth to Well Bottom (TOC): 29.31
CALCULATIONS: Ft. of Water in Well _____ X (GAL / FT) = _____ Gallons
1-inch Casing: Ft. of Water in Well _____ x 0.041 = _____ Gallons
2-inch Casing: Ft. of Water in Well 15.58 x 0.16 = 2.49 Gallons x 3 = 7.474 Gallons
 3-inch Casing: Ft. of Water in Well _____ x 0.32 = _____ Gallons
 4-inch Casing: Ft. of Water in Well _____ x 0.64 = _____ Gallons
 Method: Low Flow Purge Whale Pump

SAMPLE DESCRIPTION

Odor : Hydrocarbon odor
 Other : _____

FIELD TESTS

	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE
Time	0850	0855	0900	0905	0910	0915	0920
Depth To Water (TOC) (ft)	13.73	13.73	13.73	13.73	13.73	13.73	13.73
Depth To Pump (TOC) (ft)	~27	~27	~27	~27	~27	~27	~27
Flow Rate (ml/min)	~500	~500	~500	~500	~500	~500	~450
Volume of Water Purged	~6.0	~6.5	~7.0	~7.5	~8.0	~8.5	~9.5
pH (s.u.)	7.39	7.40	7.40	7.40	7.39	7.40	7.41
Conductivity (mS/cm)	4.90	4.85	4.89	4.93	5.02	5.02	4.99
Turbidity (NTUs)	242	247	202	205	225	239	260
Dissolved Oxygen (mg/L)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Temperature (Degrees C)	14.38	14.44	14.48	14.63	14.57	14.57	14.59
ORP (mV)	-175	-175	-175	-176	-175	-175	-175
Salinity (%)	0.5	0.3	0.3	0.3	0.3	0.3	0.3
TDS (g/L)	3.1	3.1	3.1	3.2	3.2	3.2	3.2

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs and SVOCs, TAL Metals, CN

 Shipped Via: Chemtech
 Laboratory
 Other Notes: Sample collected at 0940, ~11 Gallons Purged

PARSONS

GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison (Farrington Street)
PROJECT NUMBER: 444575-03000
Purge Date: June 16, 2009
Sampling Date: June 16, 2009
Samplers: Rene Robles/Stuart Davis of Parsons / Somerset, NJ
SAMPLE ID: MW-16 Cont.
Sampling Method: Low Flow Purge Whale Pump

WELL PURGING

Static Water Level (TOC): 13.73
 Depth to Well Bottom (TOC): 29.31
CALCULATIONS: Ft. of Water in Well _____ X (GAL / FT) = _____ Gallons
1-inch Casing: Ft. of Water in Well _____ x 0.041 = _____ Gallons
2-inch Casing: Ft. of Water in Well 15.58 x 0.16 = 2.49 Gallons x 3 = 7.474 Gallons
 3-inch Casing: Ft. of Water in Well _____ x 0.32 = _____ Gallons
 4-inch Casing: Ft. of Water in Well _____ x 0.64 = _____ Gallons
 Method: Low Flow Purge Whale Pump

SAMPLE DESCRIPTION

Odor : Hydrocarbon odor
 Other : _____

FIELD TESTS

	PURGE	PURGE	SAMPLE
Time	0930	0935	0940
Depth To Water (TOC) (ft)	13.73	13.73	13.73
Depth To Pump (TOC) (ft)	~27	~27	~27
Flow Rate (ml/min)	~450	~450	~450
Volume of Water Purged	~10	~10.5	~11
pH (s.u.)	7.41	7.41	7.41
Conductivity (mS/cm)	4.73	4.72	4.72
Turbidity (NTUs)	207	199	53
Dissolved Oxygen (mg/L)	0.0	0.0	0.0
Temperature (Degrees C)	14.35	14.37	14.38
ORP (mV)	-175	-175	-175
Salinity (%)	0.2	0.2	0.2
TDS (g/L)	3.0	3.0	3.0

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs and SVOCs, TAL Metals, CN
 Shipped Via: Chemtech
 Laboratory: _____
 Other Notes: Sample collected at 0940, ~11 Gallons Purged

PARSONS

GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison (Farrington Street)
PROJECT NUMBER: 444575-03000
Purge Date: June 15, 2009
Sampling Date: June 15, 2009
Samplers: Rene Robles/Stuart Davis of Parsons / Somerset, NJ
SAMPLE ID: MW-17
Sampling Method: Low Flow Purge Whale Pump

WELL PURGING

Static Water Level (TOC): 12.57
 Depth to Well Bottom (TOC): 22.65
CALCULATIONS: Ft. of Water in Well _____ X (GAL / FT) = _____ Gallons
1-inch Casing: Ft. of Water in Well _____ x 0.041 = _____ Gallons
2-inch Casing: Ft. of Water in Well 10.08 x 0.16 = 1.61 Gallons x 3 = 4.8384 Gallons
 3-inch Casing: Ft. of Water in Well _____ x 0.32 = _____ Gallons
 4-inch Casing: Ft. of Water in Well _____ x 0.64 = _____ Gallons
 Method: Low Flow Purge Whale Pump

SAMPLE DESCRIPTION

Odor : _____
 Other : _____

FIELD TESTS

	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE
Time	1417	1424	1430	1435	1440	1445	1455
Depth To Water (TOC) (ft)	12.57	12.57	12.57	12.57	12.57	12.57	12.57
Depth To Pump (TOC) (ft)	20.5	20.5	20.5	20.5	20.5	20.5	20.5
Flow Rate (ml/min)	~450	~450	~450	~450	~450	~450	~450
Volume of Water Purged							
pH (s.u.)	6.87	6.65	6.59	6.58	6.62	6.69	6.77
Conductivity (mS/cm)	2.02	2.57	2.03	1.85	1.78	1.77	1.77
Turbidity (NTUs)	Error	687	512	444	748	892	583
Dissolved Oxygen (mg/L)	0.0	0.0	0.0	0.0	0.0	0.0	0.08
Temperature (Degrees C)	14.30	14.48	14.10	14.14	14.13	14.15	14.28
ORP (mV)	-129	-116	-112	-111	-114	-119	-122
Salinity (%)	0.1	0.1	0.1	0.1	0.1	0.1	0.1
TDS (g/L)	1.5	1.6	1.3	1.2	1.1	1.1	1.1

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs and SVOCs, TAL Metals, CN
 Shipped Via: Chemtech
 Laboratory: _____
 Other Notes: Sample collected at 1520

PARSONS

GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison (Farrington Street)
PROJECT NUMBER: 444575-03000
Purge Date: June 15, 2009
Sampling Date: June 15, 2009
Samplers: Rene Robles/Stuart Davis of Parsons / Somerset, NJ
SAMPLE ID: MW-17 Cont.
Sampling Method: Low Flow Purge Whale Pump

WELL PURGING

Static Water Level (TOC): 12.57
 Depth to Well Bottom (TOC): 22.65
CALCULATIONS: Ft. of Water in Well _____ X (GAL / FT) = _____ Gallons
1-inch Casing: Ft. of Water in Well _____ x 0.041 = _____ Gallons
2-inch Casing: Ft. of Water in Well 10.08 x 0.16 = 1.61 Gallons x 3 = 4.8384 Gallons
 3-inch Casing: Ft. of Water in Well _____ x 0.32 = _____ Gallons
 4-inch Casing: Ft. of Water in Well _____ x 0.64 = _____ Gallons
 Method: Low Flow Purge Whale Pump

SAMPLE DESCRIPTION

Odor : _____
 Other : _____

FIELD TESTS

	PURGE	PURGE	PURGE	SAMPLE
Time	1500	1505	1510	1520
Depth To Water (TOC) (ft)	12.57	12.57	12.57	12.57
Depth To Pump (TOC) (ft)	20.5	20.5	20.5	20.5
Flow Rate (ml/min)	~450	~450	~450	~450
Volume of Water Purged				
pH (s.u.)	6.80	6.82	6.83	6.84
Conductivity (mS/cm)	1.74	1.72	1.69	1.68
Turbidity (NTUs)	513	490	416	444
Dissolved Oxygen (mg/L)	0.55	0.87	0.97	0.93
Temperature (Degrees C)	14.22	14.10	14.03	14.03
ORP (mV)	-122	-124	-125	-125
Salinity (%)	0.1	0.1	0.1	0.1
TDS (g/L)	1.1	1.1	1.1	1.1

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs and SVOCs, TAL Metals, CN
 Shipped Via: Chemtech
 Laboratory: _____
 Other Notes: Sample collected at 1520

PARSONS

GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison (Farrington Street)
PROJECT NUMBER: 444575-03000
Purge Date: June 15, 2009
Sampling Date: June 15, 2009
Samplers: Rene Robles/Stuart Davis of Parsons / Somerset, NJ
SAMPLE ID: MW-18
Sampling Method: Low Flow Purge Whale Pump

WELL PURGING

Static Water Level (TOC): 13.55
 Depth to Well Bottom (TOC): 25.04
CALCULATIONS: Ft. of Water in Well _____ X (GAL / FT) = _____ Gallons
1-inch Casing: Ft. of Water in Well _____ x 0.041 = _____ Gallons
2-inch Casing: Ft. of Water in Well 11.49 x 0.16 = 1.84 Gallons x 3 = 5.5152 Gallons
 3-inch Casing: Ft. of Water in Well _____ x 0.32 = _____ Gallons
 4-inch Casing: Ft. of Water in Well _____ x 0.64 = _____ Gallons
 Method: Low Flow Purge Whale Pump

SAMPLE DESCRIPTION

Odor : _____
 Other : _____

FIELD TESTS

	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE
Time	1204	1209	1214	1219	1224	1229	1234
Depth To Water (TOC) (ft)	13.6	13.6	13.6	13.6	13.6	13.6	13.6
Depth To Pump (TOC) (ft)	~23	~23	~23	~23	~23	~23	~23
Flow Rate (ml/min)	~500	~500	~500	~500	~500	~500	~500
Volume of Water Purged	0.7	1.4	2.1	2.8	3.5	4.2	5.6
pH (s.u.)	6.11	6.16	6.13	6.14	6.57	6.60	6.63
Conductivity (mS/cm)	1.12	1.09	1.08	1.04	1.04	1.03	1.01
Turbidity (NTUs)	Error	Error	Error	Error	Error	Error	Error
Dissolved Oxygen (mg/L)	2.49	1.91	1.80	1.67	1.59	1.57	1.55
Temperature (Degrees C)	14.94	14.39	15.16	14.77	14.86	14.71	14.61
ORP (mV)	-13	-128	-117	-121	-142	-145	-145
Salinity (%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TDS (g/L)	0.7	0.7	0.7	0.7	0.7	0.7	0.6

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs and SVOCs, TAL Metals, CN
 Shipped Via: Chemtech
 Laboratory: _____
 Other Notes: Sample collected at 1334, ~12.4 gallons purged

PARSONS

GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison (Farrington Street)
PROJECT NUMBER: 444575-03000
Purge Date: June 15, 2009
Sampling Date: June 15, 2009
Samplers: Rene Robles/Stuart Davis of Parsons / Somerset, NJ
SAMPLE ID: MW-18 Cont.
Sampling Method: Low Flow Purge Whale Pump

WELL PURGING

Static Water Level (TOC): 13.55
 Depth to Well Bottom (TOC): 25.04
CALCULATIONS: Ft. of Water in Well _____ X (GAL / FT) = _____ Gallons
1-inch Casing: Ft. of Water in Well _____ x 0.041 = _____ Gallons
2-inch Casing: Ft. of Water in Well 11.49 x 0.16 = 1.84 Gallons x 3 = 5.5152 Gallons
 3-inch Casing: Ft. of Water in Well _____ x 0.32 = _____ Gallons
 4-inch Casing: Ft. of Water in Well _____ x 0.64 = _____ Gallons
 Method: Low Flow Purge Whale Pump

SAMPLE DESCRIPTION

Odor : _____
 Other : _____

FIELD TESTS

	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE
Time	1244	1249	1254	1259	1304	1309	1314
Depth To Water (TOC) (ft)	13.6	13.6	13.6	13.6	13.6	13.6	13.6
Depth To Pump (TOC) (ft)	~23	~23	~23	~23	~23	~23	~23
Flow Rate (ml/min)	~500	~500	~500	~500	~500	~500	~500
Volume of Water Purged	6.2	6.8	7.4	8.0	8.6	9.2	10.5
pH (s.u.)	6.65	6.66	6.64	6.68	6.64	6.65	6.66
Conductivity (mS/cm)	1.04	1.02	1.00	0.98	1.04	1.04	1.05
Turbidity (NTUs)	Error	Error	Error	Error	621	610	600
Dissolved Oxygen (mg/L)	1.67	1.68	1.69	1.69	1.65	1.66	1.58
Temperature (Degrees C)	14.81	14.73	14.72	14.53	14.62	14.49	14.48
ORP (mV)	-134	-133	-129	-124	-123	-123	-127
Salinity (%)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TDS (g/L)	0.7	0.7	0.6	0.6	0.7	0.7	0.7

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs and SVOCs, TAL Metals, CN
 Shipped Via: Chemtech
 Laboratory: _____
 Other Notes: Sample collected at 1334, ~12.4 gallons purged

PARSONS

GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison (Farrington Street)
PROJECT NUMBER: 444575-03000
Purge Date: June 15, 2009
Sampling Date: June 15, 2009
Samplers: Rene Robles/Stuart Davis of Parsons / Somerset, NJ
SAMPLE ID: MW-18 Cont.
Sampling Method: Low Flow Purge Whale Pump

WELL PURGING

Static Water Level (TOC): 13.55
 Depth to Well Bottom (TOC): 25.04
CALCULATIONS: Ft. of Water in Well _____ X (GAL / FT) = _____ Gallons
1-inch Casing: Ft. of Water in Well _____ x 0.041 = _____ Gallons
2-inch Casing: Ft. of Water in Well 11.49 x 0.16 = 1.84 Gallons x 3 = 5.5152 Gallons
 3-inch Casing: Ft. of Water in Well _____ x 0.32 = _____ Gallons
 4-inch Casing: Ft. of Water in Well _____ x 0.64 = _____ Gallons
 Method: Low Flow Purge Whale Pump

SAMPLE DESCRIPTION

Odor : _____
 Other : _____

FIELD TESTS

	PURGE	PURGE	SAMPLE
Time	1324	1329	1334
Depth To Water (TOC) (ft)	13.6	13.6	13.6
Depth To Pump (TOC) (ft)	~23	~23	~23
Flow Rate (ml/min)	~500	~500	~500
Volume of Water Purged	11	11.7	12.4
pH (s.u.)	6.67	6.67	6.64
Conductivity (mS/cm)	1.04	1.04	1.00
Turbidity (NTUs)	587	588	589
Dissolved Oxygen (mg/L)	1.58	1.59	1.65
Temperature (Degrees C)	15.91	15.29	15.75
ORP (mV)	-127	-125	-117
Salinity (%)	0.0	0.0	0.0
TDS (g/L)	0.7	0.7	0.6

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs and SVOCs, TAL Metals, CN
 Shipped Via: Chemtech
 Laboratory: _____
 Other Notes: Sample collected at 1334, ~12.4 gallons purged

PARSONS

GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison (Farrington Street)
PROJECT NUMBER: 444575-03000
Purge Date: June 16, 2009
Sampling Date: June 16, 2009
Samplers: Rene Robles/Stuart Davis of Parsons / Somerset, NJ
SAMPLE ID: MW-19
Sampling Method: Low Flow Purge Whale Pump

WELL PURGING

Static Water Level (TOC): 13.54
 Depth to Well Bottom (TOC): 28.81
CALCULATIONS: Ft. of Water in Well _____ X (GAL / FT) = _____ Gallons
1-inch Casing: Ft. of Water in Well _____ x 0.041 = _____ Gallons
2-inch Casing: Ft. of Water in Well 15.27 x 0.16 = 2.44 Gallons x 3 = 7.3296 Gallons
 3-inch Casing: Ft. of Water in Well _____ x 0.32 = _____ Gallons
 4-inch Casing: Ft. of Water in Well _____ x 0.64 = _____ Gallons
 Method: Low Flow Purge Whale Pump

SAMPLE DESCRIPTION

Odor : Hydrocarbon odor
 Other : _____

FIELD TESTS

	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	SAMPLE
Time	1137	1142	1147	1152	1157	1202	1207	1212
Depth To Water (TOC) (ft)	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
Depth To Pump (TOC) (ft)	~27	~27	~27	~27	~27	~27	~27	~27
Flow Rate (ml/min)	~500	~500	~300	~500	~500	~500	~500	~500
Volume of Water Purged	0.6	1.2	1.8	2.5	3.2	3.8	4.4	5.0
pH (s.u.)	6.58	6.40	6.43	6.68	6.71	6.70	6.70	6.72
Conductivity (mS/cm)	1.77	1.73	1.71	1.65	1.58	1.53	1.50	1.49
Turbidity (NTUs)	544	464	448	199	95	39.4	32.2	34.8
Dissolved Oxygen (mg/L)	2.54	1.86	1.63	1.57	1.49	1.43	1.40	1.41
Temperature (Degrees C)	14.77	14.76	16.10	14.44	14.31	14.39	14.44	14.35
ORP (mV)	-151	-145	-149	-160	-162	-161	-161	-162
Salinity (%)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
TDS (g/L)	1.1	1.1	1.1	1.0	1.0	1.0	1.0	0.9

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs and SVOCs, TAL Metals, CN
 Shipped Via: Chemtech
 Laboratory: _____
 Other Notes: Sample collected at 1212, ~11 Gallons Purged

PARSONS

GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison (Farrington Street)
PROJECT NUMBER: 444575-03000
Purge Date: June 16, 2009
Sampling Date: June 16, 2009
Samplers: Rene Robles/Stuart Davis of Parsons / Somerset, NJ
SAMPLE ID: MW-20
Sampling Method: Low Flow Purge Whale Pump

WELL PURGING

Static Water Level (TOC): 13.36
 Depth to Well Bottom (TOC): 21.35
CALCULATIONS: Ft. of Water in Well _____ X (GAL / FT) = _____ Gallons
1-inch Casing: Ft. of Water in Well _____ x 0.041 = _____ Gallons
2-inch Casing: Ft. of Water in Well 7.99 x 0.16 = 1.28 Gallons x 3 = 3.8352 Gallons
 3-inch Casing: Ft. of Water in Well _____ x 0.32 = _____ Gallons
 4-inch Casing: Ft. of Water in Well _____ x 0.64 = _____ Gallons
 Method: Low Flow Purge Whale Pump

SAMPLE DESCRIPTION

Odor : None
 Other : _____

FIELD TESTS

	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	SAMPLE
Time	0922	0927	0932	0937	0942	0947	0953	1000
Depth To Water (TOC) (ft)	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4
Depth To Pump (TOC) (ft)	~19	~19	~19	~19	~19	~19	~19	~19
Flow Rate (ml/min)	500	500	500	500	500	500	500	500
Volume of Water Purged	.5	1.5	2.2	3	3.8	4.5	5.2	6
pH (s.u.)	6.38	6.26	6.27	6.28	6.32	6.43	6.46	6.46
Conductivity (mS/cm)	1.28	1.30	1.34	1.38	1.44	1.50	1.53	1.60
Turbidity (NTUs)	225	258	102	59.8	22.6	11.4	6.9	6.3
Dissolved Oxygen (mg/L)	2.45	2.01	1.78	1.65	1.56	1.54	1.56	1.56
Temperature (Degrees C)	15.83	15.87	15.67	15.73	15.78	15.90	15.75	15.70
ORP (mV)	38	43	41	30	14	-12	-20	-30
Salinity (%)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
TDS (g/L)	0.8	0.8	0.9	0.9	0.9	0.9	1.0	1.0

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs and SVOCs

 Shipped Via: Chemtech
 Laboratory
 Other Notes: Sample collected at 1010, 6 Gallons Purged

PARSONS

GROUNDWATER SAMPLING RECORD

SITE NAME: Con Edison (Farrington Street)
PROJECT NUMBER: 444575-03000
Purge Date: June 16, 2009
Sampling Date: June 16, 2009
Samplers: Rene Robles/Stuart Davis of Parsons / Somerset, NJ
SAMPLE ID: MW-21
Sampling Method: Low Flow Purge Whale Pump

WELL PURGING

Static Water Level (TOC): 11.74
 Depth to Well Bottom (TOC): 22.06
CALCULATIONS: Ft. of Water in Well _____ X (GAL / FT) = _____ Gallons
1-inch Casing: Ft. of Water in Well _____ x 0.041 = _____ Gallons
2-inch Casing: Ft. of Water in Well 10.32 x 0.16 = 1.65 Gallons x 3 = 4.9536 Gallons
 3-inch Casing: Ft. of Water in Well _____ x 0.32 = _____ Gallons
 4-inch Casing: Ft. of Water in Well _____ x 0.64 = _____ Gallons
 Method: Low Flow Purge Whale Pump

SAMPLE DESCRIPTION

Odor : None
 Other : _____

FIELD TESTS

	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	PURGE	SAMPLE
Time	0738	0743	0748	0753	0758	0803	0808	0813
Depth To Water (TOC) (ft)	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7
Depth To Pump (TOC) (ft)	20	20	20	20	20	20	20	20
Flow Rate (ml/min)	500	500	500	500	350	350	350	350
Volume of Water Purged	0.7	1.5	1.3	3	3.5	4	4.5	5
pH (s.u.)	6.63	6.65	6.68	6.71	6.72	6.73	6.74	6.75
Conductivity (mS/cm)	3.09	3.08	3.12	3.12	3.12	3.12	3.12	3.11
Turbidity (NTUs)	error	713	262	145	70.9	49.7	31.7	23.0
Dissolved Oxygen (mg/L)	1.90	1.72	1.60	1.51	1.50	1.48	1.48	1.46
Temperature (Degrees C)	15.15	15.21	15.01	15.17	15.25	15.36	15.36	15.36
ORP (mV)	-166	-167	-173	-175	-174	-173	-172	-172
Salinity (%)	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
TDS (g/L)	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0

SAMPLE ANALYSIS / LABORATORY

Analyze For: TCL VOCs and SVOCs

 Shipped Via: Chemtech
 Laboratory _____
 Other Notes: Sample collected at 0813, 5 Gallons Purged

APPENDIX D

DATA USABILITY SUMMARY REPORT

DATA USABILITY SUMMARY REPORT

FARRINGTON STREET MGP SITE

Prepared For:



CONSOLIDATED EDISON COMPANY OF NEW YORK, INC.

**31-01 20th Avenue
Long Island City, NY 11105**

Prepared By:

PARSONS

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SEPTEMBER 2009

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SECTION 1

DATA USABILITY SUMMARY

Soil and groundwater samples were collected from the Consolidated Edison Farrington Street MGP site in Queens, New York from April 17, 2009 through July 8, 2009. Analytical results from these samples were validated and reviewed by Parsons for usability with respect to the following requirements:

- Work Plan,
- NYSDEC Analytical Services Protocol (ASP), and
- USEPA Region II Standard Operating Procedures (SOPs).

The analytical laboratory for this project was Chemtech. This laboratory is certified to perform project analyses by the New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP).

1.1 LABORATORY DATA PACKAGES

The laboratory data package turnaround time, defined as the time from sample receipt by the laboratory to receipt of the analytical data packages by Parsons, was 15-25 days for the project samples.

The data packages received from Chemtech were paginated, complete, and overall were of good quality. Comments on specific quality control (QC) and other requirements are discussed in detail in the attached data validation reports which are summarized by sample media in Section 2.

1.2 SAMPLING AND CHAIN-OF-CUSTODY

The samples were collected, properly preserved, shipped under a chain-of-custody (COC) record, and received at Chemtech within one to five days of sampling. All samples were received intact and in good condition at the laboratory.

1.3 LABORATORY ANALYTICAL METHODS

The soil and groundwater samples that were collected from the site were analyzed for volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs), metals, and cyanide. Summaries of issues concerning these laboratory analyses are presented in Subsections 1.3.1 through 1.3.3. The data qualifications resulting from the data validation review and statements on the laboratory analytical precision, accuracy, representativeness, completeness, and comparability (PARCC) are discussed for each analytical method by media in Section 2. The laboratory data were reviewed and may be qualified with the following validation flags:

- "U" - not detected at the value given,
- "UJ" - estimated and not detected at the value given,
- "J" - estimated at the value given,
- "N" - presumptive evidence at the value given, and
- "R" - unusable value.

The validated laboratory data were tabulated and are presented in Attachment A.

1.3.1 Volatile Organic Analysis

Soil and groundwater samples were analyzed for VOCs using the USEPA SW-846 8260B analytical method. Certain reported results for the VOC samples were qualified as estimated based upon surrogate recoveries, laboratory control sample recoveries, instrument calibrations, and internal standard responses. Certain reported results for the VOC samples were considered unusable and qualified "R" based upon instrument calibrations. The reported VOC analytical results were 99.8% to 100% complete (i.e., usable) for the soil and groundwater data. PARCC requirements were met overall.

1.3.2 Semivolatile Organic Analysis

Soil and groundwater samples were analyzed for SVOCs using the USEPA SW-846 8270C analytical method. Certain reported results for the SVOC samples were qualified as estimated based upon surrogate recoveries, laboratory control sample recoveries, matrix spike/matrix spike duplicate recoveries, instrument calibrations, internal standard responses, and field duplicate precision. Certain reported SVOC analytical results were considered unusable and qualified "R" based upon laboratory control sample recoveries. The reported SVOC analytical results were 99.8% to 100% complete (i.e., usable) for the soil and groundwater data. PARCC requirements were met overall.

1.3.3 Inorganics Analysis

Soil and groundwater samples were analyzed for metals and cyanide using the USEPA SW-846 6010B/7470A/7471A/9012 analytical methods. Certain reported results for the inorganics samples were qualified as estimated based upon matrix spike recoveries, serial dilutions, and field duplicate precision. The reported inorganic analytical results were considered 100% complete (i.e., usable) for the soil and groundwater data. PARCC requirements were met.

SECTION 2

DATA VALIDATION REPORTS

2.1 SOIL

Data review has been completed for data packages generated by Chemtech containing soil samples collected from the site. The specific samples contained in these data packages, the analyses performed, and a usability summary are presented in Table 2.1-1. All of these samples were properly preserved, shipped under a COC record, and received intact by the analytical laboratory. The validated laboratory data are presented in Attachment A-1.

Data validation was performed for all samples in accordance with the most current editions of the USEPA Region II SOPs for organic and inorganic data review. This data validation and usability report is presented by analysis type.

2.1.1 Volatiles

The following items were reviewed for compliancy in the volatile analysis:

- Custody documentation
- Holding times
- Surrogate recoveries
- Matrix spike/matrix spike duplicate (MS/MSD) precision and accuracy
- Laboratory control sample (LCS) recoveries
- Laboratory method blank and field equipment blank contamination
- GC/MS instrument performance
- Initial and continuing calibrations
- Internal standard area counts and retention times
- Field duplicate precision
- Sample result verification and identification
- Quantitation limits
- Data completeness

These items were considered compliant and acceptable in accordance with the validation protocols with the exception of surrogate recoveries, LCS recoveries, blank contamination, initial and continuing calibrations, and internal standard responses.

Surrogate Recoveries

All sample surrogate recoveries were considered acceptable and within QC limits with the exception of the toluene-d8 recovery (QC limit 77-113%R) in samples MW-17 (14-16)

(127%R), MW-16 (14-16) (117%R), MW-18 (14-16) (145%R), MW-19 (16-18) (126%R), SB-26 (24-26) (15%R), and -RE (69%R); the bromofluorobenzene recovery (QC limit 45-124%R) in samples MW-17 (14-16) (324%R), -RE (264%R), MW-16 (14-16) (206%R), MW-16 (8-10) (293%R), MW-18 (14-16) (818%R), SB-22 (16-18) (333%R), MW-19 (16-18) (659%R), SB-31 (8-13) (164%R), and -RE (199%R); and the 1,2-dichloroethane-d4 recovery (QC limit 72-141%R) in samples MW-14 (24-26) (71%R), SB-22 (16-18) (276%R), and MW-19 (16-18) (349%R). Therefore, positive results for those samples where surrogate recoveries exceeded the QC limit were considered estimated, possibly biased high, and qualified "J". Results for those samples where surrogate recoveries fell below the QC limit were considered estimated, possibly biased low, with positive results qualified "J" and nondetected results qualified "UJ".

LCS Recoveries

There were many LCS recoveries that were outside QC acceptance limits associated with project samples. Therefore, positive sample results associated with those LCS recoveries which exceeded the QC limit were considered estimated, possibly biased high, and qualified "J". Sample results associated with those LCS recoveries which fell below the QC limit were considered estimated, possibly biased low, with positive results qualified "J" and nondetected results qualified "UJ".

Blank Contamination

The field equipment blank 050809FB associated with soil samples collected on 5/8/09 contained MTBE and benzene at concentrations of 4.8 and 4.9 µg/L, respectively; the field equipment blank 051809FB associated with soil samples collected on 5/18/09 contained methylene chloride as a concentration of 1.1 µg/L; and the field equipment blank 070709FB associated with soil samples collected on 7/7/09 contained acetone at a concentration of 9.3 µg/L. Since these compounds were not detected in the associated samples, validation qualification of the sample data was not warranted.

Initial and Continuing Calibrations

All initial calibration compounds were compliant with a minimum relative response factor (RRF) of 0.05 and a maximum percent relative standard deviation (%RSD) of 30% with the exception of acetone (RRF=0.040) in the initial calibration associated with soil samples in SDG A2390; bromoform (33.2%RSD) in the initial calibration associated with sample D41709FB; dichlorodifluoromethane (35.05%RSD) in the initial calibration associated with sample 050809FB; 1,2,4-trichlorobenzene (36.93%RSD) in the initial calibration associated with samples SB-17 (28-33), SB-21 (13-18), SB-25 (33-38), SB-21 (28-33), SB-19 (28-33), SB-21 (28-33) DUP and soil samples in SDGs A2679, A2710, A2752, and A2915 except MW-15 (14-16) and MW-14 (14-16); acetone (RRF=0.025) in the initial calibration associated with samples SB-22 (26-28) and SB-22 (16-18) and all soil samples in SDG A2819; and acetone (RRF=0.041) in the initial calibration associated with samples SB-34 (8-13) and SB-28 (18-23). Therefore, the results for these compounds were considered estimated with positive results qualified "J" and nondetected results qualified "UJ" for the affected samples. However, the nondetected acetone results were considered unusable and qualified "R" for the affected samples.

All continuing calibration compounds were compliant with a minimum RRF of 0.05 and a maximum percent difference (%D) within $\pm 25\%$ with the exception of methyl acetate (25.5%D) and acetone (RRF=0.041) in the continuing calibration associated with soil samples in SDG A2390; 1,2,4-trichlorobenzene (32.8%D) in the continuing calibration associated with soil samples in SDGs A2679 and A2710 except MW-15 (14-16); cis-1,2-dichloroethene (-26.2%D), bromodichloromethane (-27.9%D), 1,1,2-trichloroethane (-27.9%D), and 1,2-dibromoethane (-25.6%D) in the continuing calibration associated with sample 050709FB; vinyl chloride (-29.1%D) and 1,2,4-trichlorobenzene (28.4%D) in the continuing calibration associated with samples in SDG A2752; acetone (RRF=0.023) in the continuing calibration associated with samples in SDG A2785; chloroethane (-31.6%D) and MTBE (26.3%D) in the continuing calibration associated with samples 051509FB, 051809FB, and 051909FB; acetone (RRF=0.023) and methyl acetate (26.4%D) in the continuing calibration associated with sample MW-19 (16-18), MW-21 (12-14), and MW-21 (20-22); chloroethane (-25.7%D) and acetone (RRF=0.028) in the continuing calibration associated with sample MW-19 (28-30); 1,2,4-trichlorobenzene (36.3%D) in the continuing calibration associated with samples SB-17 (28-33), SB-21(13-18), SB-25 (33-38); 1,2,4-trichlorobenzene (31.9%D) in the continuing calibration associated with samples SB-21 (28-33) and SB-21 (28-33) DUP; 1,2,4-trichlorobenzene (38%D) in the continuing calibration associated with sample SB-19 (28-33) and soil sample in SDG A2915; chloromethane (-36.1%D), chloroethane (-26.2%D), acetone (-30.3%D), 2-butanone (-37.3%D), 4-methyl-2-pentanone (-27%D), 2-hexanone (-32.7%D), and tetrachloroethene (-32.3%D) in the continuing calibration associated with sample 060509FB; and chloroethane (-32.2%D) in the continuing calibration associated with samples SB-31 (8-13), SB-31 (23-28), SB-32 (8-13), SB-32 (23-28), SB-33 (13-18), SB-33 (23-28), and SB-34 (23-28). Therefore, the sample results for these compounds were considered estimated with positive results qualified “J” and nondetected results qualified “UJ” for the affected samples. However, the nondetected acetone results were considered unusable and qualified “R”.

Internal Standard (IS) Responses

All internal standard (IS) responses and retention times were within specified QC ranges based on associated calibration standards (i.e., sample’s area count within -50% to +100% and retention times within ± 0.5 minutes of the standard) with the exception of the low 1,4-dichlorobenzene-d4 IS responses in samples MW-16 (8-10), SB-22 (16-18), and MW-19 (16-18); and the low chlorobenzene-d5 IS response in samples SB-22 (16-18), MW-19 (16-18); and SB-26 (24-26). Therefore, results associated with these ISs for these samples were considered estimated, possibly biased low, with positive results qualified “J” and nondetected results qualified “UJ”.

Usability

All soil volatile sample results were considered usable following data validation with the exception of certain nondetected results based upon poor calibration linearity.

Summary

The quality assurance objectives for measurement data included considerations for precision, accuracy, representativeness, completeness, and comparability. The volatile soil data

presented by Chemtech were 99.8% complete (i.e., usable). The validated volatile laboratory data are tabulated and presented in Attachment A-1.

2.1.2 Semivolatiles

The following items were reviewed for compliancy in the semivolatile analysis:

- Custody documentation
- Holding times
- Surrogate recoveries
- MS/MSD precision and accuracy
- LCS recoveries
- Laboratory method blank and field equipment blank contamination
- GC/MS instrument performance
- Initial and continuing calibrations
- Internal standard area counts and retention times
- Field duplicate precision
- Sample result verification and identification
- Quantitation limits
- Data completeness

These items were considered compliant and acceptable in accordance with the validation protocols with the exception of surrogate recoveries, MS/MSD precision and accuracy, LCS recoveries, blank contamination, initial and continuing calibrations, internal standard responses, and field duplicate precision.

Surrogate Recoveries

There were numerous sample surrogate recoveries which were outside QC acceptance limits for project samples. However, validation qualification of these samples with the exception of sample SB-25 (28-33) was not warranted based upon sample dilutions and only one acid or base-neutral surrogate recovery was outside the QC limit. Sample SB-25 (28-33) yielded high recoveries for the base-neutral surrogates nitrobenzene-d5 (173%R; QC limit 50-130%R) and terphenyl-d14 (174%R; QC limit 52-163%R). Therefore, positive results for the base-neutral fraction of this sample were considered estimated, possibly biased high, and qualified "J".

MS/MSD Precision and Accuracy

There were numerous MS/MSD precision and accuracy measurements which were outside QC acceptance limits for designated project spiked samples. However, validation qualification of the parent samples was not warranted based upon sample dilutions and only one MS or MSD accuracy measurement was outside the QC limit.

LCS Recoveries

There were numerous LCS recoveries which were outside QC limits associated with project samples. Therefore, sample results for those compounds where LCS recoveries fell below QC limits were considered estimated, possibly biased low, with positive results qualified “J” and nondetected results qualified “UJ”. Positive sample results for those compounds where LCS recoveries exceeded QC limits were considered estimated, possibly biased high, and qualified “J” for the affected samples.

Blank Contamination

The laboratory method blank PB40924B associated with all soil samples in SDG A2390 contained dimethylphthalate at a concentration of 160 µg/kg; the laboratory method blank PB41100B associated with all soil samples in SDG A2477 contained dimethylphthalate at a concentration of 68 µg/kg; the laboratory method blank PB41145B associated with all soil samples in SDG A2513 contained dimethylphthalate at a concentration of 160 µg/kg; the laboratory method blank PB41206B associated with all soil samples in SDG A2567 contained dimethylphthalate at a concentration of 160 µg/kg; the laboratory method blank PB41404B associated with all soil samples in SDG A2679 contained dimethylphthalate at a concentration of 100 µg/kg; the laboratory method blank PB41486B associated with all soil samples in SDG A2710 contained dimethylphthalate at a concentration of 110 µg/kg; the laboratory method blank PB41555B associated with all soil samples in SDG A2752 except MW-14 (24-26) and MW-20 (14-16) DUP contained dimethylphthalate at a concentration of 110 µg/kg; the laboratory method blank PB41672B associated with soil samples MW-14 (24-26) and MW-20 (14-16) DUP contained dimethylphthalate at a concentration of 78 µg/kg; the laboratory method blank PB41620B associated with all soil samples in SDGs A2785 and A2819 contained dimethylphthalate at a concentration of 180 µg/kg; the laboratory method blank PB41790B associated with all soil samples in SDG A2876 contained dimethylphthalate at a concentration of 87 µg/kg; the laboratory method blank PB41845B associated with all soil samples in SDG A2915 contained dimethylphthalate at a concentration of 250 µg/kg; the laboratory method blank PB42014B associated with all soil samples in SDG A3062 contained dimethylphthalate at a concentration of 130 µg/kg; the laboratory method blank PB43307B associated with all soil samples in SDG A3439 contained dimethylphthalate at a concentration of 270 µg/kg; and the laboratory method blank PB43304B associated with samples 070609FB, 070709FB, and 070809FB contained acetophenone at a concentration of 2.3 µg/L. Therefore, results less than validation action concentrations for these compounds were considered not detected and qualified “U” for the affected samples.

Initial and Continuing Calibrations

All initial calibration compounds were compliant with a minimum RRF of 0.05 and a maximum %RSD of 30% with the exception of 2,4-dinitrophenol (48.31%RSD) and 4,6-dinitro-2-methylphenol (35.26%RSD) in the initial calibration associated with all soil samples in SDG A2390 and samples 042409FB and 042709FB; 2,4-dinitrophenol (34.23%RSD) in the initial calibration associated with samples 042209FB and 042309FB and all soil samples in SDG A2567; 2,4-dinitrophenol (31.9%RSD) in the initial calibration associated with all soil samples in SDG A2915 with the exception of SB-23 (13-18); and hexachlorocyclopentadiene (31.81%RSD) and 2,4-dinitrophenol (46.57%RSD) in the initial calibration associated with sample 060509FB. The sample results for these compounds were considered estimated with positive results qualified “J” and nondetected results qualified “UJ” for the affected samples.

All continuing calibration compounds were compliant with a minimum RRF of 0.05 and a maximum %D within $\pm 25\%$ with the exception of 2,4-dinitrophenol (-38%D) in the continuing calibration associated with sample MW-16 (6); hexachlorocyclopentadiene (-28.4%D), 2,4-dinitrophenol (-75.7%D), and 4,6-dinitro-2-methylphenol (-48.9%D) in the continuing calibration associated with sample 060509FB; and 2,4-dinitrophenol (48.1%D) and 4,6-dinitro-2-methylphenol (29.2%D) in the continuing calibration associated with soil samples in SDG A3062. The sample results for these noncompliant compounds were considered estimated with positive results qualified “J” and nondetected results qualified “UJ” for the affected samples.

Internal Standard Responses

All internal standard (IS) responses and retention times were within specified QC ranges based on associated calibration standards (i.e., sample’s area count within -50% to +100% and retention times within ± 0.5 minutes of the standard) with the exception of all of the low IS responses for samples SB-24 (12-14) and SB-24 (12-14) RE; the low naphthalene-d8 IS response in sample SB-25 (28-33); the low phenanthrene-d10 IS response in samples SB-25 (28-33), SB-17 (13-18), and SB-19 (13-18); the low chrysene-d12 IS response in samples SB-25 (28-33) and SB-17 (13-18); and the low perylene-d12 IS response in samples SB-25 (28-33) and SB-17 (13-18). Therefore, results associated with these ISs for these samples were considered estimated, possibly biased low, with positive results qualified “J” and nondetected results qualified “UJ”.

Field Duplicate Precision

All field duplicate precision results were considered acceptable with the exception of the precision results for naphthalene (175%RPD), 2-methylnaphthalene (166%RPD), acenaphthene (153%RPD), phenanthrene (151%RPD), and pyrene (147%RPD) associated with the field duplicate pair SB-21 (28-33) and SB-21 (28-33) DUP. The results for these compounds were considered estimated and qualified “J” for these samples.

Usability

All soil semivolatile sample results were considered usable following data validation.

Summary

The quality assurance objectives for measurement data included considerations for precision, accuracy, representativeness, completeness, and comparability. The soil semivolatile data presented by Chemtech were 100% complete (i.e., usable). The validated semivolatile laboratory data are tabulated and presented in Attachment A-1.

2.1.3 Inorganics

The following items were reviewed for compliancy in the inorganics analysis:

- Custody documentation
- Holding times
- Initial and continuing calibration verifications
- Initial and continuing calibration blank, and laboratory preparation blank, and field equipment blank contamination
- Inductively coupled plasma (ICP) interference check sample (ICS)
- Matrix spike (MS) recoveries
- Laboratory duplicate precision
- Field duplicate precision
- Laboratory control sample (LCS) recoveries
- ICP serial dilutions
- Sample result verification and identification
- Quantitation limits
- Data completeness

These items were considered compliant and acceptable in accordance with the validation protocols with the exception of blank contamination, matrix spike recoveries, laboratory duplicate precision, field duplicate precision, and ICP serial dilutions.

Blank Contamination

The field equipment blank D41709FB associated with samples collected on 4/17/09 contained sodium at a concentration of 1690 µg/L; the field equipment blank 043009FB associated with samples collected on 4/30/09 contained sodium at a concentration of 1190 µg/L; the field equipment blank 051109FB associated with samples collected on 5/11/09 contained selenium at a concentration of 12.2 µg/L; the field equipment blank 051209FB associated with samples collected on 5/12/09 contained calcium and selenium at concentrations of 1130 and 10.6 µg/L, respectively; the field equipment blank 051309FB associated with samples collected on 5/13/09 contained selenium at a concentration of 10.5 µg/L; the field equipment blank 051509FB associated with samples collected on 5/15/09 contained sodium at a concentration of 1100 µg/L; the field equipment blank 052209FB associated with samples collected on 5/22/09 contained

calcium, magnesium, and sodium at concentrations of 6140, 1730, and 3880 µg/L, respectively; the field equipment blank 070609FB associated with samples collected on 7/6/09 contained selenium and sodium at concentrations of 11.4 and 2710 µg/L, respectively; the field equipment blank 070709FB associated with samples collected on 7/7/09 contained iron, sodium, and zinc at concentrations of 65.6, 2310, and 23.3 µg/L, respectively; the field equipment blank 070809FB associated with samples collected on 7/8/09 contained sodium and zinc at concentrations of 2280 and 28.5 µg/L, respectively; and the laboratory preparation blank associated with samples 070609FB, 070709FB, and 070809FB contained iron at a concentration of 91.05 µg/L. Therefore, results for these analytes less than validation action concentrations were considered not detected and qualified “U” for the affected samples.

Matrix Spike Recoveries

All the MS recoveries for designated spiked project samples were within the 75-125%R QC limit with sample concentrations less than four times the spiking concentration with the exception of the high MS recoveries for barium (135.1%R), manganese (177.1%R), and sodium (126.4%R) associated with soil samples in SDG A3439. Therefore, positive results for these analytes were considered estimated, possibly biased high, and qualified “J” for the affected samples.

Laboratory Duplicate Precision

All laboratory duplicate precision results were considered acceptable and within QC limits with the exception of the precision for chromium (22.9%RPD) and manganese (22.4%RPD) associated with soil samples in SDG A3439. Validation qualification of these samples was not required.

Field Duplicate Precision

All field duplicate precision results were considered acceptable with the exception of the precision for mercury (97%RPD) associated with the field duplicate pair SB-18 (8-13) and SB-18 (8-13)D. The positive mercury results for these samples were considered estimated and qualified “J”.

ICP Serial Dilution

QC serial dilution results were compliant for all analytes with the exception of the serial dilution results for mercury associated with soil samples in SDG A2390; calcium, iron, magnesium, and manganese associated with soil samples in SDG A2819; calcium, iron, lead, and manganese associated with soil samples in SDG A2876; and iron associated with soil samples in SDG A2915. Therefore, positive results these analytes were considered estimated and qualified "J" for the affected samples.

Usability

All inorganics soil sample results were considered usable following data validation.

Summary

The quality assurance objectives for measurement data included considerations for precision, accuracy, representativeness, completeness, and comparability. The inorganics soil data presented by Chemtech were 100% complete (i.e., usable). The validated soil inorganics laboratory data are tabulated and presented in Attachment A-1.

2.2 GROUNDWATER

Data review has been completed for data packages generated by Chemtech containing analytical results from groundwater samples collected from the site. The specific samples contained in these data packages, the analyses performed, and a usability summary are presented in Table 2.2-1. All of these samples were properly preserved, shipped under a COC record, and received intact by the analytical laboratory. The validated laboratory data are presented in Attachment A-2.

Data validation was performed for all samples in accordance with the most current editions of the USEPA Region II SOPs for organic and inorganic data review. This data validation and usability report is presented by analysis type.

2.2.1 Volatiles

The following items were reviewed for compliancy in the volatile analysis:

- Custody documentation
- Holding times
- Surrogate recoveries
- MS/MSD precision and accuracy
- LCS recoveries
- Laboratory method blank and field equipment blank contamination
- GC/MS instrument performance
- Initial and continuing calibrations
- Internal standard area counts and retention times
- Field duplicate precision
- Sample result verification and identification
- Quantitation limits
- Data completeness

These items were considered compliant and acceptable in accordance with the validation protocols with the exception of surrogate recoveries, LCS recoveries, and initial and continuing calibrations.

Surrogate Recoveries

All sample surrogate recoveries were considered acceptable and within QC limits with the exception of the low 1,2-dichloroethane-d4 recovery (QC limit 80-136%R) in sample MW-16 (71%R). The results for this sample were considered estimated, possibly biased low, with positive results qualified “J” and nondetected results qualified “UJ”.

LCS Recoveries

All LCS recoveries were within QC limits with the exception of the high recoveries for dichlorodifluoromethane (180%R, 175%R; QC limit 50-109%R) and trichlorofluoromethane (135%R, 125%R; QC limit 69-123%R) associated with samples 061509FB, 061609FB, MW-16, MW-17, MW-18, and MW-19. Validation qualification of these samples was not warranted since these compounds were not detected.

Initial and Continuing Calibrations

All initial calibration compounds were compliant with a minimum RRF of 0.05 and a maximum %RSD of 30% with the exception of bromomethane (35.97%RSD) and bromoform (36.24%RSD) in the initial calibration associated with all samples in SDG A3178 except for samples MW-13 and MW-114. The sample results for these compounds were considered estimated with positive results qualified “J” and nondetected results qualified “UJ” for the affected samples.

All continuing calibration compounds were compliant with a minimum RRF of 0.05 and a maximum %D within $\pm 25\%$ with the exception of cis-1,3-dichloropropene (-26%D) in the continuing calibration associated with samples 061509FB, 061609FB, MW-16, MW-17, MW-18, and MW-19; bromoform (-35.9%D) in the continuing calibration associated with samples MW-14, MW-20, and MW-21; 1,1,2-trichlorotrifluoroethane (26.9%D) in the continuing calibration associated with samples MW-13 and MW-114; and bromoform (-37.3%D) in the continuing calibration associated with samples MW-15 and 061709FB. The sample results for these compounds were considered estimated with positive results qualified “J” and nondetected results qualified “UJ” for the affected samples.

Usability

All groundwater volatile sample results were considered usable following data validation.

Summary

The quality assurance objectives for measurement data included considerations for precision, accuracy, representativeness, completeness, and comparability. The volatile groundwater data presented by Chemtech were 100% complete (i.e., usable). The validated volatile laboratory data are tabulated and presented in Attachment A-2.

2.2.2 Semivolatiles

The following items were reviewed for compliancy in the semivolatile analysis:

- Custody documentation
- Holding times
- Surrogate recoveries
- MS/MSD precision and accuracy
- LCS recoveries
- Laboratory method blank and field equipment blank contamination
- GC/MS instrument performance
- Initial and continuing calibrations
- Internal standard area counts and retention times
- Field duplicate precision
- Sample result verification and identification
- Quantitation limits
- Data completeness

These items were considered compliant and acceptable in accordance with the validation protocols with the exception of MS/MSD precision and accuracy, LCS recoveries, blank contamination, initial and continuing calibrations, internal standard responses, and field duplicate precision.

MS/MSD Precision and Accuracy

All of the MS/MSD precision results (RPDs) and accuracy results (%Rs) for designated spiked project samples were considered acceptable, within QC limits, and did not warrant data qualification with the exception of the high MS/MSD recoveries for naphthalene (898%R/858%R; QC limit 36-142%R), 2-methylnaphthalene (313%R/333%R; QC limit 46-130%R), 1,1'-biphenyl (130%R/130%R; QC limit 53-124%R), acenaphthene (362%R/382%R; QC limit 43-141%R), fluorene (196%R/196%R; QC limit 43-145%R), and phenanthrene (236%R/236%R; QC limit 52-145%R) during the spiked analyses of MW-14. Therefore, positive results for these compounds were considered estimated, possibly biased high, and qualified "J" for the parent sample MW-14.

LCS Recoveries

All LCS recoveries were considered acceptable, within QC limits, and did not warrant data qualification with the exception of the low LCS recoveries for 4-chloroaniline (14%R; QC limit 25-101%R), 3-nitroaniline (28%R; QC limit 42-104%R), atrazine (64%R; QC limit 73-120%R), and 3,3'-dichlorobenzidine (5%R; QC limit 49-112%R) associated with samples MW-15 and 061709FB. Therefore, the results for these compounds were considered estimated, possibly

biased low, with positive results qualified “J” and nondetected results qualified “UJ” for the affected samples. However, the nondetected results for 3,3'-dichlorobenzidine were considered unusable and qualified “R” for the affected samples since the LCS recovery fell below 10%.

Blank Contamination

The laboratory method blank associated with samples MW-15 and 061709FB contained acetophenone at a concentration of 1.3 µg/L. Validation qualification of these samples was not required since this compound was not detected.

Initial and Continuing Calibrations

All initial calibration compounds were compliant with a minimum RRF of 0.05 and a maximum %RSD of 30% with the exception of 2,4-dinitrophenol (33.42%RSD) in the initial calibration associated with samples MW-15 and 061709FB. The sample results for this compound were considered estimated with positive results qualified “J” and nondetected results qualified “UJ” for the affected samples.

All continuing calibration compounds were compliant with a minimum RRF of 0.05 and a maximum %D within ±25% with the exception of 2,4-dinitrophenol (37.7%D) and 4,6-dinitro-2-methylphenol (27.1%D) in the continuing calibration associated with samples MW-13, MW-14, and MW-114; and 2,4-dinitrophenol (35.8%D) and 4,6-dinitro-2-methylphenol (28.1%D) in the continuing calibration associated with samples 061509FB, 061609FB, MW-16, -17, -18, -19, -20, and -21. The sample results for these compounds were considered estimated with positive results qualified “J” and nondetected results qualified “UJ” for the affected samples.

Internal Standard (IS) Responses

All internal standard (IS) responses and retention times were within specified QC ranges based on associated calibration standards (i.e., sample's area count within -50% to +100% and retention times within ±0.5 minutes of the standard) with the exception of the low phenanthrene-d10 IS response in sample MW-114; the low chrysene-d12 IS response in samples MW-114, MW-17, and MW-19; and the extremely low perylene-d12 IS response in sample MW-17. Therefore, results associated with these ISs were considered estimated, possibly biased low, with positive results qualified “J” and nondetected results qualified “UJ” for the affected samples. However, the nondetected results associated with the IS perylene-12 for sample MW-17 were considered unusable and qualified “R” based upon a poor IS response in this sample. Since this sample was reanalyzed which yielded IS responses within criteria, results associated with this IS from the reanalysis were reported in the validated laboratory data in Attachment A-2.

Field Duplicate Precision

All positive results associated with the field duplicate pair MW-14 and MW-114 were considered estimated and qualified “J” based upon poor field duplicate precision.

Usability

All groundwater semivolatile sample results were considered usable following data validation with the exception of certain nondetected results based upon poor LCS recoveries.

Summary

The quality assurance objectives for measurement data included considerations for precision, accuracy, representativeness, completeness, and comparability. The groundwater semivolatile data presented by Chemtech were 99.8% complete (i.e., usable). The validated semivolatile laboratory data are tabulated and presented in Attachment A-2.

2.2.3 Inorganics

The following items were reviewed for compliancy in the inorganics analysis:

- Custody documentation
- Holding times
- Initial and continuing calibration verifications
- Initial and continuing calibration blank, laboratory preparation blank, and field blank contamination
- Interference check sample (ICS)
- Matrix spike (MS) recoveries
- Laboratory duplicate precision
- LCS recoveries
- ICP serial dilution
- Field duplicate precision
- Sample result verification and identification
- Quantitation limits
- Data completeness

These items were considered compliant and acceptable in accordance with the validation protocols with the exception of blank contamination and ICP serial dilutions.

Blank Contamination

The field equipment blank 061509FB associated with samples collected on 6/15/09 contained iron at a concentration of 195 μL ; the field equipment blank 061609FB associated with samples collected on 6/16/09 contained iron at a concentration of 196 μL ; the field equipment blank 061709FB associated with samples collected on 6/17/09 contained aluminum, iron, and sodium at concentrations of 62, 67.4, and 1460 μL , respectively; and the continuing calibration blanks associated with samples collected on 6/17/09 contained aluminum at a concentration of 51.1 and 55.2 μL . Therefore, results associated with these analytes less than

the validation action concentrations were considered not detected and qualified “U” for the affected samples.

ICP Serial Dilution

QC serial dilution results were compliant for all analytes with the exception of the serial dilution results for calcium, iron, magnesium, and manganese associated with samples in SDG A3178. Therefore, positive results these analytes were considered estimated and qualified "J" for the affected samples.

Usability

All groundwater inorganic sample results were considered usable following data validation.

Summary

The quality assurance objectives for measurement data included considerations for precision, accuracy, representativeness, completeness, and comparability. The groundwater inorganic data presented by Chemtech were 100% complete (i.e., usable). The validated inorganic laboratory data are tabulated and presented in Attachment A-2.

TABLE 2.1-1**SUMMARY OF SAMPLE ANALYSES AND USABILITY
SOIL – FARRINGTON STREET MGP**

<u>SAMPLE ID</u>	<u>MATRIX</u>	<u>SAMPLE</u>			<u>INORG</u>	<u>FOOTNOTES</u>
		<u>DATE</u>	<u>VOCs</u>	<u>SVOCs</u>		
TP-11 (7-8)	Soil	4/17/09	NO	OK	OK	1
D41709FB	Water	4/17/09	OK	OK	OK	
TP-12 (2.5)	Soil	4/22/09	OK	OK	OK	
TP-12 (5)	Soil	4/22/09	OK	OK	OK	
TP-12-1 (3.5)	Soil	4/22/09	OK	OK	OK	
042209FB	Water	4/22/09	OK	OK	OK	
TP-15 (2.8)	Soil	4/23/09	OK	OK	OK	
TP-15 (5)	Soil	4/23/09	OK	OK	OK	
042309FB	Water	4/23/09	OK	OK	OK	
TP-13N (5.5)	Soil	4/24/09	OK	OK	OK	
TP-13S (4)	Soil	4/24/09	OK	OK	OK	
042409FB	Water	4/24/09	OK	OK	OK	
TP-14W (5.5)	Soil	4/27/09	OK	OK	OK	
TP-14E (5.5)	Soil	4/27/09	OK	OK	OK	
042709FB	Water	4/27/09	OK	OK	OK	
MW-16 (6)	Soil	4/30/09	OK	OK	OK	
043009FB	Water	4/30/09	OK	OK	OK	
050709FB	Water	5/7/09	OK	OK	OK	
MW-15 (14-16)	Soil	5/7/09	OK	OK	OK	
MW-15 (28-30)	Soil	5/7/09	OK	OK	OK	
MW-13 (24-26)	Soil	5/8/09	OK	OK	OK	
MW-13 (18-20)	Soil	5/8/09	OK	OK	OK	
050809FB	Water	5/8/09	OK	OK	OK	
051109FB	Water	5/11/09	OK	OK	OK	
MW-17 (14-16)	Soil	5/11/09	OK	OK	OK	
MW-17 (22-24)	Soil	5/11/09	OK	OK	OK	
MW-16 (14-16)	Soil	5/12/09	OK	OK	OK	
MW-16 (28-30)	Soil	5/12/09	OK	OK	OK	
MW-16 (8-10)	Soil	5/12/09	OK	OK	OK	
MW-18 (14-16)	Soil	5/12/09	OK	OK	OK	
MW-18 (22-24)	Soil	5/12/09	OK	OK	OK	
051209FB	Water	5/12/09	OK	OK	OK	
051309FB	Water	5/13/09	OK	OK	OK	
MW-20 (14-16)	Soil	5/13/09	OK	OK	OK	
MW-20 (14-16) DUP	Soil	5/13/09	OK	OK	OK	
MW-20 (22-24)	Soil	5/13/09	OK	OK	OK	
MW-14 (14-16)	Soil	5/14/09	OK	OK	OK	
MW-14 (24-26)	Soil	5/14/09	OK	OK	OK	
051409FB	Water	5/14/09	OK	OK	OK	
051509FB	Water	5/15/09	OK	OK	OK	

TABLE 2.1-1 (CONTINUED)

**SUMMARY OF SAMPLE ANALYSES AND USABILITY
SOIL – FARRINGTON STREET MGP**

<u>SAMPLE ID</u>	<u>MATRIX</u>	<u>SAMPLE DATE</u>	<u>VOCs</u>	<u>SVOCs</u>	<u>INORG</u>	<u>FOOTNOTES</u>
SB-22 (16-18)	Soil	5/15/09	NO	OK	OK	1
SB-22 (26-28)	Soil	5/15/09	NO	OK	OK	1
MW-19 (16-18)	Soil	5/18/09	NO	OK	OK	1
MW-19 (28-30)	Soil	5/18/09	NO	OK	OK	1
051809FB	Water	5/18/09	OK	OK	OK	
051909FB	Water	5/19/09	OK	OK	OK	
MW-21 (12-14)	Soil	5/19/09	NO	OK	OK	1
MW-21 (20-22)	Soil	5/19/09	NO	OK	OK	1
SB-17 (13-18)	Soil	5/21/09	OK	OK	OK	
SB-17 (28-33)	Soil	5/21/09	OK	OK	OK	
SB-19 (13-18)	Soil	5/21/09	OK	OK	OK	
SB-19 (28-33)	Soil	5/21/09	OK	OK	OK	
052109FB	Water	5/21/09	OK	OK	OK	
052209FB	Water	5/22/09	OK	OK	OK	
SB-25 (13-18)	Soil	5/22/09	OK	OK	OK	
SB-25 (28-33)	Soil	5/22/09	OK	OK	OK	
SB-25 (33-38)	Soil	5/22/09	OK	OK	OK	
SB-21 (13-18)	Soil	5/22/09	OK	OK	OK	
SB-21 (28-33)	Soil	5/22/09	OK	OK	OK	
SB-21 (28-33) DUP	Soil	5/22/09	OK	OK	OK	
SB-18 (8-13)	Soil	5/26/09	OK	OK	OK	
SB-18 (8-13) D	Soil	5/26/09	OK	OK	OK	
SB-18 (18-22)	Soil	5/26/09	OK	OK	OK	
SB-23 (13-18)	Soil	5/26/09	OK	OK	OK	
SB-23 (28-33)	Soil	5/26/09	OK	OK	OK	
052609FB	Water	5/26/09	OK	OK	OK	
060509FB	Water	6/5/09	OK	OK	OK	
SB-24 (10-12)	Soil	6/5/09	OK	OK	OK	
SB-24 (12-14)	Soil	6/5/09	OK	OK	OK	
SB-26 (14-16)	Soil	6/5/09	OK	OK	OK	
SB-26 (24-26)	Soil	6/5/09	OK	OK	OK	
SB-28 (18-23)	Soil	7/6/09	NO	OK	OK	1
SB-28 (23-28)	Soil	7/6/09	OK	OK	OK	
SB-128 (23-28)	Soil	7/6/09	OK	OK	OK	
SB-27 (18-23)	Soil	7/6/09	OK	OK	OK	
SB-27 (23-28)	Soil	7/6/09	OK	OK	OK	
SB-29 (18-23)	Soil	7/6/09	OK	OK	OK	
SB-29 (23-28)	Soil	7/6/09	OK	OK	OK	
070609FB	Water	7/6/09	OK	OK	OK	
070709FB	Water	7/7/09	OK	OK	OK	

TABLE 2.1-1 (CONTINUED)

**SUMMARY OF SAMPLE ANALYSES AND USABILITY
SOIL – FARRINGTON STREET MGP**

<u>SAMPLE ID</u>	<u>MATRIX</u>	<u>SAMPLE DATE</u>	<u>VOCs</u>	<u>SVOCs</u>	<u>INORG</u>	<u>FOOTNOTES</u>
SB-30 (13-18)	Soil	7/7/09	OK	OK	OK	
SB-30 (23-28)	Soil	7/7/09	OK	OK	OK	
SB-31 (8-13)	Soil	7/7/09	OK	OK	OK	
SB-31 (23-28)	Soil	7/7/09	OK	OK	OK	
SB-32 (8-13)	Soil	7/7/09	OK	OK	OK	
SB-32 (23-28)	Soil	7/7/09	OK	OK	OK	
070809FB	Water	7/8/09	OK	OK	OK	
SB-33 (13-18)	Soil	7/8/09	OK	OK	OK	
SB-33 (23-28)	Soil	7/8/09	OK	OK	OK	
SB-34 (8-13)	Soil	7/8/09	NO	OK	OK	1
SB-34 (23-28)	Soil	7/8/09	OK	OK	OK	
TOTAL SAMPLES:			91	91	91	

NOTES: OK - Sample analysis considered valid and usable.
NO - Sample analysis has noncompliances resulting in unusable data. See appropriate footnote.

FOOTNOTES: 1 - Poor volatile calibration linearity for acetone.

TABLE 2.2-1**SUMMARY OF SAMPLE ANALYSES AND USABILITY
GROUNDWATER – FARRINGTON STREET MGP**

<u>SAMPLE ID</u>	<u>MATRIX</u>	<u>SAMPLE DATE</u>	<u>VOCs</u>	<u>SVOCs</u>	<u>INORG</u>	<u>FOOTNOTE</u>
MW-13	Water	6/15/09	OK	OK	OK	
MW-14	Water	6/15/09	OK	OK	OK	
MW-114	Water	6/15/09	OK	OK	OK	
MW-17	Water	6/15/09	OK	OK	OK	
MW-18	Water	6/15/09	OK	OK	OK	
061509FB	Water	6/15/09	OK	OK	OK	
MW-16	Water	6/16/09	OK	OK	OK	
MW-19	Water	6/16/09	OK	OK	OK	
MW-20	Water	6/16/09	OK	OK	OK	
MW-21	Water	6/16/09	OK	OK	OK	
061609FB	Water	6/16/09	OK	OK	OK	
MW-15	Water	6/17/09	OK	NO	OK	1
061709FB	Water	6/17/09	OK	NO	OK	1
TOTAL SAMPLES:			13	13	13	

NOTES: OK – Sample analysis considered valid and usable.
 NO – Sample analysis has noncompliances resulting in unusable data. See appropriate footnote.

FOOTNOTES: 1 – Poor semivolatle LCS recoveries for 3,3'-dichlorobenzidine.

ATTACHMENT A
VALIDATED LABORATORY DATA

ATTACHMENT A-1
VALIDATED LABORATORY DATA FOR SOIL

Consolidated Edison Farrington Street Validated Soil Analytical Data SDG: A2390		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	TP-11(7-8) A2390-01 Chemtech A2390 SOIL 4/17/2009 5/15/2009	D41709FB A2390-02 Chemtech A2390 WATER 4/17/2009 5/15/2009
CAS NO.	COMPOUND	UNITS:		ug/L
	VOLATILES			
75-71-8	Dichlorodifluoromethane	ug/Kg	3.9 U	0.55 U
74-87-3	Chloromethane	ug/Kg	5.2 U	0.54 U
75-01-4	Vinyl chloride	ug/Kg	7.4 U	0.34 U
74-83-9	Bromomethane	ug/Kg	15 U	0.62 U
75-00-3	Chloroethane	ug/Kg	8.4 U	0.66 U
75-69-4	Trichlorofluoromethane	ug/Kg	8 U	0.35 U
76-13-1	1,1,2-Trichlorotrifluoroethane	ug/Kg	8 U	0.45 U
75-35-4	1,1-Dichloroethene	ug/Kg	8.9 U	0.47 U
67-64-1	Acetone	ug/Kg	R	2.8 U
75-15-0	Carbon Disulfide	ug/Kg	6.4 U	0.54 U
1634-04-4	Methyl tert-butyl Ether	ug/Kg	5.8 U	0.35 U
79-20-9	Methyl Acetate	ug/Kg	9.1 UJ	0.83 U
75-09-2	Methylene Chloride	ug/Kg	8.6 U	0.41 U
156-60-5	trans-1,2-Dichloroethene	ug/Kg	4.2 U	0.41 U
75-34-3	1,1-Dichloroethane	ug/Kg	5.7 U	0.36 U
110-82-7	Cyclohexane	ug/Kg	6.1 U	0.55 U
78-93-3	2-Butanone	ug/Kg	19 U	1.3 U
56-23-5	Carbon Tetrachloride	ug/Kg	6 U	0.62 U
156-59-2	cis-1,2-Dichloroethene	ug/Kg	5.4 U	0.35 U
67-66-3	Chloroform	ug/Kg	4.5 U	0.34 U
71-55-6	1,1,1-Trichloroethane	ug/Kg	5.3 U	0.4 U
108-87-2	Methylcyclohexane	ug/Kg	6.4 U	0.68 U
71-43-2	Benzene	ug/Kg	15 J	0.32 U
107-06-2	1,2-Dichloroethane	ug/Kg	3.9 U	0.48 U
79-01-6	Trichloroethene	ug/Kg	5.2 U	0.28 U
78-87-5	1,2-Dichloropropane	ug/Kg	1.6 U	0.46 U
75-27-4	Bromodichloromethane	ug/Kg	3.7 U	0.36 U
108-10-1	4-Methyl-2-Pentanone	ug/Kg	18 U	2.1 U
108-88-3	Toluene	ug/Kg	14 J	0.37 U
10061-02-6	t-1,3-Dichloropropene	ug/Kg	4.8 U	0.29 U
10061-01-5	cis-1,3-Dichloropropene	ug/Kg	4.3 U	0.31 U
79-00-5	1,1,2-Trichloroethane	ug/Kg	5.4 U	0.38 U
591-78-6	2-Hexanone	ug/Kg	24 U	1.9 U
124-48-1	Dibromochloromethane	ug/Kg	3.3 U	0.52 U
106-93-4	1,2-Dibromoethane	ug/Kg	3.9 U	0.41 U
127-18-4	Tetrachloroethene	ug/Kg	6.1 U	0.27 U
108-90-7	Chlorobenzene	ug/Kg	3 U	0.49 U
100-41-4	Ethyl Benzene	ug/Kg	91	0.53 U
136777-61-2	m/p-Xylenes	ug/Kg	110	0.95 U

Consolidated Edison Farrington Street Validated Soil Analytical Data SDG: A2390		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	TP-11(7-8) A2390-01 Chemtech A2390 SOIL 4/17/2009 5/15/2009	D41709FB A2390-02 Chemtech A2390 WATER 4/17/2009 5/15/2009
CAS NO.	COMPOUND	UNITS:		ug/L
	VOLATILES			
1330-20-7	o-Xylene	ug/Kg	290	0.43 U
100-42-5	Styrene	ug/Kg	7.2 J	0.36 U
75-25-2	Bromoform	ug/Kg	4.5 U	0.47 UJ
98-82-8	Isopropylbenzene	ug/Kg	530	0.45 U
79-34-5	1,1,2,2-Tetrachloroethane	ug/Kg	2.8 U	0.31 U
541-73-1	1,3-Dichlorobenzene	ug/Kg	2.2 U	0.43 U
95-50-1	1,2-Dichlorobenzene	ug/Kg	3.7 U	0.45 U
96-12-8	1,2-Dibromo-3-Chloropropane	ug/Kg	5.2 U	0.46 U
120-82-1	1,2,4-Trichlorobenzene	ug/Kg	4.2 U	0.62 U
	SEMIVOLATILES			
100-52-7	Benzaldehyde	ug/Kg	210 U	0.8 U
108-95-2	Phenol	ug/Kg	93 U	0.22 U
95-57-8	2-Chlorophenol	ug/Kg	210 U	0.56 U
50-32-8	2-Methylphenol	ug/Kg	220 U	0.25 U
108-60-1	2,2-oxybis(1-Chloropropane)	ug/Kg	170 U	0.18 U
98-86-2	Acetophenone	ug/Kg	120 U	0.15 U
87-86-5	3+4-Methylphenols	ug/Kg	210 U	0.4 U
621-64-7	N-Nitroso-di-n-propylamine	ug/Kg	200 U	0.21 U
67-72-1	Hexachloroethane	ug/Kg	180 U	0.26 U
98-95-3	Nitrobenzene	ug/Kg	150 U	0.71 U
78-59-1	Isophorone	ug/Kg	130 U	0.31 U
88-75-5	2-Nitrophenol	ug/Kg	190 U	0.54 U
105-67-9	2,4-Dimethylphenol	ug/Kg	230 U	0.74 U
111-91-1	bis(2-Chloroethoxy)methane	ug/Kg	230 U	0.57 U
120-83-2	2,4-Dichlorophenol	ug/Kg	150 U	0.69 U
91-20-3	Naphthalene	ug/Kg	8500	0.12 U
106-47-8	4-Chloroaniline	ug/Kg	280 U	3 U
87-68-3	Hexachlorobutadiene	ug/Kg	150 U	0.26 U
105-60-2	Caprolactam	ug/Kg	190 U	4.6 UJ
111-44-4	bis(2-Chloroethyl)ether	ug/Kg	190 U	0.57 U
59-50-7	4-Chloro-3-methylphenol	ug/Kg	180 U	0.42 U
91-57-6	2-Methylnaphthalene	ug/Kg	1100 J	0.33 U
77-47-4	Hexachlorocyclopentadiene	ug/Kg	97 U	0.25 U
88-06-2	2,4,6-Trichlorophenol	ug/Kg	120 U	0.58 U
95-95-4	2,4,5-Trichlorophenol	ug/Kg	280 U	0.42 U
92-52-4	1,1-Biphenyl	ug/Kg	3300 J	0.16 U
91-58-7	2-Chloronaphthalene	ug/Kg	91 U	0.17 U
621-64-7	2-Nitroaniline	ug/Kg	180 U	0.51 U
131-11-3	Dimethylphthalate	ug/Kg	110 U	0.23 U
208-96-8	Acenaphthylene	ug/Kg	5200	0.73 U
606-20-2	2,6-Dinitrotoluene	ug/Kg	160 U	0.33 U

Consolidated Edison Farrington Street Validated Soil Analytical Data SDG: A2390		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	TP-11(7-8) A2390-01 Chemtech A2390 SOIL 4/17/2009 5/15/2009	D41709FB A2390-02 Chemtech A2390 WATER 4/17/2009 5/15/2009
CAS NO.	COMPOUND	UNITS:		ug/L
	SEMIVOLATILES			
621-64-7	3-Nitroaniline	ug/Kg	260 U	1.1 U
83-32-9	Acenaphthene	ug/Kg	16000	0.22 U
51-28-5	2,4-Dinitrophenol	ug/Kg	410 UJ	2.2 U
100-02-7	4-Nitrophenol	ug/Kg	740 U	12 U
132-64-9	Dibenzofuran	ug/Kg	1300 J	0.25 U
121-14-2	2,4-Dinitrotoluene	ug/Kg	120 U	1.1 U
84-66-2	Diethylphthalate	ug/Kg	63 U	0.4 U
7005-72-3	4-Chlorophenyl-phenylether	ug/Kg	220 U	0.22 U
86-73-7	Fluorene	ug/Kg	10000	0.32 U
621-64-7	4-Nitroaniline	ug/Kg	520 U	1.4 U
534-52-1	4,6-Dinitro-2-methylphenol	ug/Kg	230 UJ	0.77 U
86-30-6	N-Nitrosodiphenylamine	ug/Kg	96 U	0.62 U
101-55-3	4-Bromophenyl-phenylether	ug/Kg	78 U	0.24 U
118-74-1	Hexachlorobenzene	ug/Kg	160 U	0.19 U
1912-24-9	Atrazine	ug/Kg	210 U	0.42 U
87-86-5	Pentachlorophenol	ug/Kg	270 U	1.8 U
85-01-8	Phenanthrene	ug/Kg	37000	0.27 U
120-12-7	Anthracene	ug/Kg	8900	0.17 U
86-74-8	Carbazole	ug/Kg	88 U	0.23 U
84-74-2	Di-n-butylphthalate	ug/Kg	320 U	2.5 U
206-44-0	Fluoranthene	ug/Kg	11000	0.42 U
129-00-0	Pyrene	ug/Kg	19000	0.21 U
85-68-7	Butylbenzylphthalate	ug/Kg	190 U	0.2 U
91-94-1	3,3-Dichlorobenzidine	ug/Kg	260 U	7.2 U
120-12-7	Benzo(a)anthracene	ug/Kg	6700	0.17 U
218-01-9	Chrysene	ug/Kg	7400	0.19 U
117-81-7	Bis(2-ethylhexyl)phthalate	ug/Kg	140 U	0.17 U
117-84-0	Di-n-octyl phthalate	ug/Kg	46 U	0.53 U
205-99-2	Benzo(b)fluoranthene	ug/Kg	8800	0.3 U
207-08-9	Benzo(k)fluoranthene	ug/Kg	2800 J	0.19 U
50-32-8	Benzo(a)pyrene	ug/Kg	9300	0.15 U
193-39-5	Indeno(1,2,3-cd)pyrene	ug/Kg	1700 J	0.16 U
53-70-3	Dibenz(a,h)anthracene	ug/Kg	700 J	0.44 U
191-24-2	Benzo(g,h,i)perylene	ug/Kg	3000 J	0.3 U

Consolidated Edison Farrington Street Validated Soil Analytical Data SDG: A2390		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	TP-11(7-8) A2390-01 Chemtech A2390 SOIL 4/17/2009 5/15/2009	D41709FB A2390-02 Chemtech A2390 WATER 4/17/2009 5/15/2009
CAS NO.	COMPOUND	UNITS:		ug/L
	INORGANICS			
7429-90-5	Aluminum	mg/Kg	5920	27.5 J
7440-36-0	Antimony	mg/Kg	0.61 J	8 U
7440-38-2	Arsenic	mg/Kg	2.1	4.2 U
7440-39-3	Barium	mg/Kg	175	4 U
7440-41-7	Beryllium	mg/Kg	0.34	0.7 U
7440-43-9	Cadmium	mg/Kg	0.36	0.5 U
7440-70-2	Calcium	mg/Kg	2190	183 J
7440-47-3	Chromium	mg/Kg	15	1.1 U
7440-48-4	Cobalt	mg/Kg	5.73	5.8 U
7440-50-8	Copper	mg/Kg	41.9	6.6 U
7439-89-6	Iron	mg/Kg	15400	11.3 J
7439-92-1	Lead	mg/Kg	328	2.6 U
7439-95-4	Magnesium	mg/Kg	1950	34.9 J
7439-96-5	Manganese	mg/Kg	169	1.7 U
7439-97-6	Mercury	mg/Kg	1.5 J	0.09 U
7440-02-0	Nickel	mg/Kg	17.2	4.2 U
7440-09-7	Potassium	mg/Kg	926	281 J
7782-49-2	Selenium	mg/Kg	1.84	4.8 U
7440-22-4	Silver	mg/Kg	0.12 U	1.5 U
7440-23-5	Sodium	mg/Kg	222 U	1690
7440-28-0	Thallium	mg/Kg	0.22 U	2.4 U
7440-62-2	Vanadium	mg/Kg	23.4	6.1 U
7440-66-6	Zinc	mg/Kg	104	7.68 J
57-12-5	Cyanide	mg/Kg	0.6 U	10 U

Consolidated Edison Farrington Street Validated Soil Analytical Data SDG: A2477		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	TP-12(2.5) A2477-01	TP-12(5) A2477-02	TP-12-1(3.5) A2477-04	TP-15(2.8) A2477-05	TP-15(5) A2477-06	042209FB A2477-03	042309FB A2477-07
CAS NO.	COMPOUND	UNITS:							
	VOLATILES								
75-71-8	Dichlorodifluoromethane	ug/Kg	3.8 U	3.4 U	4 U	4.1 U	4 U	0.55 U	0.55 U
74-87-3	Chloromethane	ug/Kg	5 U	4.5 U	5.2 U	5.4 U	5.3 U	0.54 U	0.54 U
75-01-4	Vinyl chloride	ug/Kg	7.1 U	6.4 U	7.5 U	7.8 U	7.6 U	0.34 U	0.34 U
74-83-9	Bromomethane	ug/Kg	14 U	13 U	15 U	16 U	15 U	0.62 U	0.62 U
75-00-3	Chloroethane	ug/Kg	8.1 U	7.3 U	8.5 U	8.9 U	8.6 U	0.66 U	0.66 U
75-69-4	Trichlorofluoromethane	ug/Kg	7.6 U	6.9 U	8 U	8.4 U	8.1 U	0.35 U	0.35 U
76-13-1	1,1,2-Trichlorotrifluoroethane	ug/Kg	7.7 U	6.9 U	8.1 U	8.4 U	8.2 U	0.45 U	0.45 U
75-35-4	1,1-Dichloroethene	ug/Kg	8.5 U	7.7 U	9 U	9.3 U	9.1 U	0.47 U	0.47 U
67-64-1	Acetone	ug/Kg	17 U	16 U	18 U	440	19 U	2.8 U	2.8 U
75-15-0	Carbon Disulfide	ug/Kg	6.1 U	5.5 U	6.5 U	11 J	6.5 U	0.54 U	0.54 U
1634-04-4	Methyl tert-butyl Ether	ug/Kg	5.6 U	5 U	5.9 U	6.1 U	5.9 U	0.35 U	0.35 U
79-20-9	Methyl Acetate	ug/Kg	8.7 U	7.9 U	9.2 U	9.6 U	9.3 U	0.83 U	0.83 U
75-09-2	Methylene Chloride	ug/Kg	8.2 U	7.4 U	8.7 U	9 U	8.8 U	0.41 U	0.41 U
156-60-5	trans-1,2-Dichloroethene	ug/Kg	4 U	3.6 U	4.2 U	4.4 U	4.3 U	0.41 U	0.41 U
75-34-3	1,1-Dichloroethane	ug/Kg	5.4 U	4.9 U	5.7 U	5.9 U	5.8 U	0.36 U	0.36 U
110-82-7	Cyclohexane	ug/Kg	5.8 U	5.3 U	6.2 U	6.4 U	6.2 U	0.55 U	0.55 U
78-93-3	2-Butanone	ug/Kg	18 U	16 U	19 U	94 J	19 U	1.3 U	1.3 U
56-23-5	Carbon Tetrachloride	ug/Kg	5.7 U	5.2 U	6 U	6.3 U	6.1 U	0.62 U	0.62 U
156-59-2	cis-1,2-Dichloroethene	ug/Kg	5.2 U	4.6 U	5.4 U	5.6 U	5.5 U	0.35 U	0.35 U
67-66-3	Chloroform	ug/Kg	4.3 U	3.9 U	4.5 U	4.7 U	4.6 U	0.34 U	0.34 U
71-55-6	1,1,1-Trichloroethane	ug/Kg	5.1 U	4.6 U	5.4 U	5.6 U	5.4 U	0.4 U	0.4 U
108-87-2	Methylcyclohexane	ug/Kg	6.1 U	5.5 U	6.5 U	6.7 U	6.5 U	0.68 U	0.68 U
71-43-2	Benzene	ug/Kg	2.2 U	2 U	2.3 U	2.4 U	2.3 U	0.32 U	0.32 U
107-06-2	1,2-Dichloroethane	ug/Kg	3.7 U	3.3 U	3.9 U	4.1 U	4 U	0.48 U	0.48 U
79-01-6	Trichloroethene	ug/Kg	5 U	4.5 U	5.2 U	5.4 U	5.3 U	0.28 U	0.28 U
78-87-5	1,2-Dichloropropane	ug/Kg	1.5 U	1.4 U	1.6 U	1.6 U	1.6 U	0.46 U	0.46 U
75-27-4	Bromodichloromethane	ug/Kg	3.6 U	3.2 U	3.8 U	3.9 U	3.8 U	0.36 U	0.36 U
108-10-1	4-Methyl-2-Pentanone	ug/Kg	17 U	15 U	18 U	18 U	18 U	2.1 U	2.1 U
108-88-3	Toluene	ug/Kg	14 J	3.3 U	3.9 U	24 J	4 U	0.37 U	0.37 U
10061-02-6	t-1,3-Dichloropropene	ug/Kg	4.6 U	4.1 U	4.8 U	5 U	4.9 U	0.29 U	0.29 U
10061-01-5	cis-1,3-Dichloropropene	ug/Kg	4.2 U	3.8 U	4.4 U	4.6 U	4.4 U	0.31 U	0.31 U
79-00-5	1,1,2-Trichloroethane	ug/Kg	5.2 U	4.7 U	5.5 U	5.7 U	5.6 U	0.38 U	0.38 U

Consolidated Edison Farrington Street Validated Soil Analytical Data SDG: A2477		Sample ID: Lab Sample Id:	TP-12(2.5) A2477-01	TP-12(5) A2477-02	TP-12-1(3.5) A2477-04	TP-15(2.8) A2477-05	TP-15(5) A2477-06	042209FB A2477-03	042309FB A2477-07
		Depth:							
		Source:	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech
		SDG:	A2477	A2477	A2477	A2477	A2477	A2477	A2477
		Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	WATER	WATER
		Sampled:	4/22/2009	4/22/2009	4/22/2009	4/23/2009	4/23/2009	4/22/2009	4/23/2009
		Validated:	5/15/2009	5/15/2009	5/15/2009	5/15/2009	5/15/2009	5/15/2009	5/15/2009
CAS NO.	COMPOUND	UNITS:							
	VOLATILES							ug/L	ug/L
591-78-6	2-Hexanone	ug/Kg	23 U	20 U	24 U	25 U	24 U	1.9 U	1.9 U
124-48-1	Dibromochloromethane	ug/Kg	3.1 U	2.8 U	3.3 U	3.4 U	3.3 U	0.52 U	0.52 U
106-93-4	1,2-Dibromoethane	ug/Kg	3.7 U	3.3 U	3.9 U	4.1 U	4 U	0.41 U	0.41 U
127-18-4	Tetrachloroethene	ug/Kg	5.8 U	5.3 U	6.2 U	6.4 U	6.2 U	0.27 U	0.27 U
108-90-7	Chlorobenzene	ug/Kg	2.9 U	2.6 U	3 U	3.2 U	3.1 U	0.49 U	0.49 U
100-41-4	Ethyl Benzene	ug/Kg	3.6 U	3.2 U	3.8 U	63	3.8 U	0.53 U	0.53 U
136777-61-2	m/p-Xylenes	ug/Kg	4.2 U	3.8 U	4.4 U	16 J	4.4 U	0.95 U	0.95 U
1330-20-7	o-Xylene	ug/Kg	3.9 U	3.5 U	4.1 U	11 J	4.2 U	0.43 U	0.43 U
100-42-5	Styrene	ug/Kg	2.6 U	2.3 U	2.7 U	2.8 U	2.8 U	0.36 U	0.36 U
75-25-2	Bromoform	ug/Kg	4.3 U	3.9 U	4.5 U	4.7 U	4.6 U	0.47 U	0.47 U
98-82-8	Isopropylbenzene	ug/Kg	2.8 U	2.5 U	10 J	3 U	3 U	0.45 U	0.45 U
79-34-5	1,1,2,2-Tetrachloroethane	ug/Kg	2.7 U	2.4 U	2.8 U	2.9 U	2.8 U	0.31 U	0.31 U
541-73-1	1,3-Dichlorobenzene	ug/Kg	2.1 U	1.9 U	2.3 U	2.3 U	2.3 U	0.43 U	0.43 U
106-46-7	1,4-Dichlorobenzene	ug/Kg	2.4 U	2.1 U	2.5 U	2.6 U	2.5 U	0.32 U	0.32 U
95-50-1	1,2-Dichlorobenzene	ug/Kg	3.6 U	3.2 U	3.8 U	3.9 U	3.8 U	0.45 U	0.45 U
96-12-8	1,2-Dibromo-3-Chloropropane	ug/Kg	5 U	4.5 U	5.3 U	5.5 U	5.4 U	0.46 U	0.46 U
120-82-1	1,2,4-Trichlorobenzene	ug/Kg	4.1 U	3.6 U	4.3 U	4.4 U	4.3 U	0.62 U	0.62 U

Consolidated Edison Farrington Street Validated Soil Analytical Data SDG: A2477		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	TP-12(2.5) A2477-01	TP-12(5) A2477-02	TP-12-1(3.5) A2477-04	TP-15(2.8) A2477-05	TP-15(5) A2477-06	042209FB A2477-03	042309FB A2477-07
CAS NO.	COMPOUND	UNITS:							
	SEMIVOLATILES								
100-52-7	Benzaldehyde	ug/Kg	20 U	18 U	110 U	110 U	110 U	0.85 U	0.85 U
108-95-2	Phenol	ug/Kg	8.6 U	8 U	47 U	49 U	47 U	0.23 U	0.23 U
95-57-8	2-Chlorophenol	ug/Kg	20 U	18 U	110 U	110 U	110 U	0.59 U	0.59 U
50-32-8	2-Methylphenol	ug/Kg	20 U	19 U	110 U	110 U	110 U	0.26 U	0.26 U
108-60-1	2,2-oxybis(1-Chloropropane)	ug/Kg	15 U	14 U	84 U	87 U	85 U	0.19 U	0.19 U
98-86-2	Acetophenone	ug/Kg	11 U	11 U	62 U	64 U	63 U	0.15 U	0.15 U
87-86-5	3+4-Methylphenols	ug/Kg	19 U	18 U	110 U	110 U	110 U	0.42 U	0.42 U
621-64-7	N-Nitroso-di-n-propylamine	ug/Kg	19 U	17 U	100 U	110 U	100 U	0.22 U	0.22 U
67-72-1	Hexachloroethane	ug/Kg	17 U	15 U	91 U	94 U	92 U	0.27 U	0.27 U
98-95-3	Nitrobenzene	ug/Kg	14 U	13 U	77 U	79 U	78 U	0.75 U	0.75 U
78-59-1	Isophorone	ug/Kg	12 U	11 U	67 U	69 U	68 U	0.33 U	0.33 U
88-75-5	2-Nitrophenol	ug/Kg	18 U	17 U	98 U	100 U	99 U	0.57 U	0.57 U
105-67-9	2,4-Dimethylphenol	ug/Kg	21 U	20 U	110 U	120 U	120 U	0.78 U	0.78 U
111-91-1	bis(2-Chloroethoxy)methane	ug/Kg	22 U	20 U	120 U	120 U	120 U	0.6 U	0.6 U
120-83-2	2,4-Dichlorophenol	ug/Kg	14 U	13 U	77 U	80 U	78 U	0.73 U	0.73 U
91-20-3	Naphthalene	ug/Kg	61 J	12 U	3500	470 J	71 U	0.13 U	0.13 U
106-47-8	4-Chloroaniline	ug/Kg	26 U	24 U	140 U	150 U	140 U	3.1 U	3.1 U
87-68-3	Hexachlorobutadiene	ug/Kg	14 U	13 U	74 U	76 U	74 U	0.27 U	0.27 U
105-60-2	Caprolactam	ug/Kg	17 U	16 U	94 U	98 U	95 U	4.9 U	4.9 U
111-44-4	bis(2-Chloroethyl)ether	ug/Kg	18 U	17 U	97 U	100 U	98 U	0.6 U	0.6 U
59-50-7	4-Chloro-3-methylphenol	ug/Kg	17 U	15 U	90 U	93 U	91 U	0.44 U	0.44 U
91-57-6	2-Methylnaphthalene	ug/Kg	9.4 U	8.7 U	700 J	230 J	52 U	0.35 U	0.35 U
77-47-4	Hexachlorocyclopentadiene	ug/Kg	9.1 U	8.4 U	49 U	51 U	50 U	0.26 U	0.26 U
88-06-2	2,4,6-Trichlorophenol	ug/Kg	11 U	11 U	62 U	64 U	63 U	0.62 U	0.62 U
95-95-4	2,4,5-Trichlorophenol	ug/Kg	26 U	24 U	140 U	150 U	140 U	0.44 U	0.44 U
92-52-4	1,1-Biphenyl	ug/Kg	14 U	13 U	260 J	79 U	78 U	0.16 U	0.16 U
91-58-7	2-Chloronaphthalene	ug/Kg	8.5 U	7.9 U	46 U	48 U	47 U	0.18 U	0.18 U
621-64-7	2-Nitroaniline	ug/Kg	17 U	15 U	90 U	93 U	91 U	0.54 U	0.54 U
131-11-3	Dimethylphthalate	ug/Kg	370 U	340 U	55 U	2100 U	55 U	0.24 U	0.24 U
208-96-8	Acenaphthylene	ug/Kg	9.4 U	8.7 U	51 U	1400 J	940 J	0.77 U	0.77 U
606-20-2	2,6-Dinitrotoluene	ug/Kg	15 U	14 U	83 U	86 U	84 U	0.35 U	0.35 U

Consolidated Edison Farrington Street Validated Soil Analytical Data SDG: A2477		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	TP-12(2.5) A2477-01 Chemtech A2477 SOIL 4/22/2009 5/15/2009	TP-12(5) A2477-02 Chemtech A2477 SOIL 4/22/2009 5/15/2009	TP-12-1(3.5) A2477-04 Chemtech A2477 SOIL 4/22/2009 5/15/2009	TP-15(2.8) A2477-05 Chemtech A2477 SOIL 4/23/2009 5/15/2009	TP-15(5) A2477-06 Chemtech A2477 SOIL 4/23/2009 5/15/2009	042209FB A2477-03 Chemtech A2477 WATER 4/22/2009 5/15/2009	042309FB A2477-07 Chemtech A2477 WATER 4/23/2009 5/15/2009
CAS NO.	COMPOUND	UNITS:							
	SEMIVOLATILES								
621-64-7	3-Nitroaniline	ug/Kg	24 U	22 U	130 U	130 U	130 U	1.2 U	1.2 U
83-32-9	Acenaphthene	ug/Kg	11 U	9.8 U	2200	320 J	58 U	0.23 U	0.23 U
51-28-5	2,4-Dinitrophenol	ug/Kg	38 U	35 U	210 U	210 U	210 U	2.3 UJ	2.3 UJ
100-02-7	4-Nitrophenol	ug/Kg	69 U	64 U	380 U	390 U	380 U	13 U	13 U
132-64-9	Dibenzofuran	ug/Kg	15 U	14 U	310 J	82 U	80 U	0.26 U	0.26 U
121-14-2	2,4-Dinitrotoluene	ug/Kg	11 U	10 U	61 U	64 U	62 U	1.1 U	1.1 U
84-66-2	Diethylphthalate	ug/Kg	5.8 U	5.4 U	32 U	33 U	32 U	0.42 U	0.42 U
7005-72-3	4-Chlorophenyl-phenylether	ug/Kg	20 U	19 U	110 U	110 U	110 U	0.23 U	0.23 U
86-73-7	Fluorene	ug/Kg	14 U	13 U	2100	240 J	360 J	0.34 U	0.34 U
621-64-7	4-Nitroaniline	ug/Kg	49 U	45 U	260 U	270 U	270 U	1.5 U	1.5 U
534-52-1	4,6-Dinitro-2-methylphenol	ug/Kg	21 U	20 U	120 U	120 U	120 U	0.81 U	0.81 U
86-30-6	N-Nitrosodiphenylamine	ug/Kg	9 U	8.3 U	49 U	50 U	49 U	0.66 U	0.66 U
101-55-3	4-Bromophenyl-phenylether	ug/Kg	7.3 U	6.8 U	40 U	41 U	40 U	0.25 U	0.25 U
118-74-1	Hexachlorobenzene	ug/Kg	15 U	14 U	83 U	86 U	84 U	0.2 U	0.2 U
1912-24-9	Atrazine	ug/Kg	20 U	18 U	110 U	110 U	110 U	0.44 U	0.44 U
87-86-5	Pentachlorophenol	ug/Kg	26 U	24 U	140 U	140 U	140 U	1.9 U	1.9 U
85-01-8	Phenanthrene	ug/Kg	10 U	9.4 U	21000	950 J	640 J	0.29 U	0.29 U
120-12-7	Anthracene	ug/Kg	7.6 U	7.1 U	1500 J	520 J	1600 J	0.18 U	0.18 U
86-74-8	Carbazole	ug/Kg	8.2 U	7.6 U	44 U	46 U	45 U	0.24 U	0.24 U
84-74-2	Di-n-butylphthalate	ug/Kg	29 U	27 U	160 U	170 U	160 U	2.6 U	2.6 U
206-44-0	Fluoranthene	ug/Kg	7.5 U	7 U	7800	580 J	1300 J	0.44 U	0.44 U
129-00-0	Pyrene	ug/Kg	9 U	8.3 U	7500	1600 J	3200	0.22 U	0.22 U
85-68-7	Butylbenzylphthalate	ug/Kg	250 J	17 U	97 U	100 U	98 U	0.21 U	0.21 U
91-94-1	3,3-Dichlorobenzidine	ug/Kg	24 U	22 U	130 U	130 U	130 U	7.6 U	7.6 U
120-12-7	Benzo(a)anthracene	ug/Kg	18 U	17 U	2000	700 J	1900 J	0.18 U	0.18 U
218-01-9	Chrysene	ug/Kg	17 U	16 U	7300	1300 J	2100	0.2 U	0.2 U
117-81-7	Bis(2-ethylhexyl)phthalate	ug/Kg	13 U	12 U	72 U	74 U	73 U	0.18 U	0.18 U
117-84-0	Di-n-octyl phthalate	ug/Kg	4.3 U	3.9 U	23 U	24 U	23 U	0.56 U	0.56 U
205-99-2	Benzo(b)fluoranthene	ug/Kg	12 U	11 U	3700	1600 J	2800	0.32 U	0.32 U
207-08-9	Benzo(k)fluoranthene	ug/Kg	18 U	16 U	650 J	450 J	710 J	0.2 U	0.2 U
50-32-8	Benzo(a)pyrene	ug/Kg	8.1 U	7.5 U	44 U	870 J	2800	0.15 U	0.15 U
193-39-5	Indeno(1,2,3-cd)pyrene	ug/Kg	12 U	12 U	460 J	470 J	850 J	0.16 U	0.16 U
53-70-3	Dibenz(a,h)anthracene	ug/Kg	11 U	10 U	290 J	230 J	400 J	0.46 U	0.46 U
191-24-2	Benzo(g,h,i)perylene	ug/Kg	15 U	14 U	730 J	930 J	1600 J	0.32 U	0.32 U

Consolidated Edison Farrington Street Validated Soil Analytical Data SDG: A2477		Sample ID: Lab Sample Id:	TP-12(2.5) A2477-01	TP-12(5) A2477-02	TP-12-1(3.5) A2477-04	TP-15(2.8) A2477-05	TP-15(5) A2477-06	042209FB A2477-03	042309FB A2477-07
		Depth:							
		Source:	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech
		SDG:	A2477	A2477	A2477	A2477	A2477	A2477	A2477
		Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	WATER	WATER
		Sampled:	4/22/2009	4/22/2009	4/23/2009	4/23/2009	4/23/2009	4/22/2009	4/23/2009
		Validated:	5/15/2009	5/15/2009	5/15/2009	5/15/2009	5/15/2009	5/15/2009	5/15/2009
CAS NO.	COMPOUND	UNITS:							
INORGANICS								ug/L	ug/L
7429-90-5	Aluminum	mg/Kg	6360	5030	8490	9670	6120	32.6 J	29.2 J
7440-36-0	Antimony	mg/Kg	0.42 U	0.39 U	0.45 U	1.72 J	0.6 J	8 U	8 U
7440-38-2	Arsenic	mg/Kg	0.73 J	0.23 U	1.13	8.51	2.63	4.2 U	4.2 U
7440-39-3	Barium	mg/Kg	99.1	29.1	416	93.5	57.2	4 U	4 U
7440-41-7	Beryllium	mg/Kg	0.47	0.25	0.77	0.51	0.34	0.7 U	0.7 U
7440-43-9	Cadmium	mg/Kg	0.85	0.42	1.26	0.87	0.66	0.5 U	0.5 U
7440-70-2	Calcium	mg/Kg	1430	507	5510	2310	1020	442 J	315 J
7440-47-3	Chromium	mg/Kg	20.2	12.8	18.1	23.6	17.3	1.1 U	1.1 U
7440-48-4	Cobalt	mg/Kg	8.01	5.48	13.3	5.06	5.86	5.8 U	5.8 U
7440-50-8	Copper	mg/Kg	15.6	16.7	27.5	140	37.8	6.6 U	6.6 U
7439-89-6	Iron	mg/Kg	18400	14600	17300	25600	19900	20.6 J	15.7 J
7439-92-1	Lead	mg/Kg	136	4.27	76.6	186	49	2.6 U	2.6 U
7439-95-4	Magnesium	mg/Kg	2410	2990	3690	1780	2020	52.9 J	32.5 U
7439-96-5	Manganese	mg/Kg	255	169	371	114	172	1.7 U	1.7 U
7439-97-6	Mercury	mg/Kg	0.027	0.009 J	0.604	0.481	0.158	0.09 U	0.09 U
7440-02-0	Nickel	mg/Kg	15.4	27.3	26.9	13.3	13.3	4.2 U	4.2 U
7440-09-7	Potassium	mg/Kg	1780	945	2400	512	1300	304 J	435 J
7782-49-2	Selenium	mg/Kg	2.71	1.9	2.87	3.66	2.68	4.8 U	4.8 U
7440-22-4	Silver	mg/Kg	0.11 U	0.1 U	0.12 U	0.13 U	0.12 U	1.5 U	1.5 U
7440-23-5	Sodium	mg/Kg	151	84.7	310	185	181	761 J	490 J
7440-28-0	Thallium	mg/Kg	0.2 U	0.19 U	0.22 U	0.23 U	0.22 U	2.4 U	2.4 U
7440-62-2	Vanadium	mg/Kg	26.6	15.5	24	30.1	24.4	6.1 U	6.1 U
7440-66-6	Zinc	mg/Kg	73.9	32.2	117	64.1	47.5	14.6 J	15.7 J
57-12-5	Cyanide	mg/Kg	0.565 U	0.522 U	0.609 U	3.72	2.36	10 U	10 U

Consolidated Edison Farrington Street Validated Soil Analytical Data SDG: A2513		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	TP-13N(5.5) A2513-01	TP-13S(4) A2513-03	TP-14E(5.5) A2513-05	TP-14W(5.5) A2513-04	042409FB A2513-02	042709FB A2513-06
CAS NO.	COMPOUND	UNITS:					ug/L	ug/L
	VOLATILES							
75-71-8	Dichlorodifluoromethane	ug/Kg	4.1 U	3.9 U	4 U	3.9 U	0.55 U	0.55 U
74-87-3	Chloromethane	ug/Kg	5.4 U	5.1 U	5.3 U	5.1 U	0.54 U	0.54 U
75-01-4	Vinyl chloride	ug/Kg	7.7 U	7.3 U	7.6 U	7.3 U	0.34 U	0.34 U
74-83-9	Bromomethane	ug/Kg	15 U	15 U	15 U	15 U	0.62 U	0.62 U
75-00-3	Chloroethane	ug/Kg	8.8 U	8.3 U	8.6 U	8.3 U	0.66 U	0.66 U
75-69-4	Trichlorofluoromethane	ug/Kg	8.2 U	7.9 U	8.1 U	7.9 U	0.35 U	0.35 U
76-13-1	1,1,2-Trichlorotrifluoroethane	ug/Kg	8.3 U	7.9 U	8.2 U	7.9 U	0.45 U	0.45 U
75-35-4	1,1-Dichloroethene	ug/Kg	9.2 U	8.8 U	9.1 U	8.8 U	0.47 U	0.47 U
67-64-1	Acetone	ug/Kg	19 U	51 J	200	220	2.8 U	2.8 U
75-15-0	Carbon Disulfide	ug/Kg	6.6 U	6.3 U	6.5 U	6.3 U	0.54 U	0.54 U
1634-04-4	Methyl tert-butyl Ether	ug/Kg	6 U	5.7 U	5.9 U	5.7 U	0.35 U	0.35 U
79-20-9	Methyl Acetate	ug/Kg	9.4 U	9 U	9.3 U	9 U	0.83 U	0.83 U
75-09-2	Methylene Chloride	ug/Kg	8.9 U	8.5 U	8.8 U	8.5 U	0.41 U	0.41 U
156-60-5	trans-1,2-Dichloroethene	ug/Kg	4.3 U	4.1 U	4.3 U	4.1 U	0.41 U	0.41 U
75-34-3	1,1-Dichloroethane	ug/Kg	5.9 U	5.6 U	5.8 U	5.6 U	0.36 U	0.36 U
110-82-7	Cyclohexane	ug/Kg	6.3 U	21 J	6.2 U	6 U	0.55 U	0.55 U
78-93-3	2-Butanone	ug/Kg	19 U	19 U	25 J	37 J	1.3 U	1.3 U
56-23-5	Carbon Tetrachloride	ug/Kg	6.2 U	5.9 U	6.1 U	5.9 U	0.62 U	0.62 U
156-59-2	cis-1,2-Dichloroethene	ug/Kg	5.6 U	5.3 U	5.5 U	5.3 U	0.35 U	0.35 U
67-66-3	Chloroform	ug/Kg	4.6 U	4.4 U	4.6 U	4.4 U	0.34 U	0.34 U
71-55-6	1,1,1-Trichloroethane	ug/Kg	5.5 U	5.2 U	5.4 U	5.2 U	0.4 U	0.4 U
108-87-2	Methylcyclohexane	ug/Kg	6.6 U	65	6.5 U	6.3 U	0.68 U	0.68 U
71-43-2	Benzene	ug/Kg	2.4 U	110	2.3 U	2.3 U	0.32 U	0.32 U
107-06-2	1,2-Dichloroethane	ug/Kg	4 U	3.8 U	4 U	3.8 U	0.48 U	0.48 U
79-01-6	Trichloroethene	ug/Kg	5.4 U	5.1 U	5.3 U	5.1 U	0.28 U	0.28 U
78-87-5	1,2-Dichloropropane	ug/Kg	1.6 U	1.5 U	1.6 U	1.5 U	0.46 U	0.46 U
75-27-4	Bromodichloromethane	ug/Kg	3.9 U	3.7 U	3.8 U	3.7 U	0.36 U	0.36 U
108-10-1	4-Methyl-2-Pentanone	ug/Kg	18 U	17 U	18 U	17 U	2.1 U	2.1 U
108-88-3	Toluene	ug/Kg	4 U	82	4 U	3.8 U	0.37 U	0.37 U
10061-02-6	t-1,3-Dichloropropene	ug/Kg	4.9 U	4.7 U	4.9 U	4.7 U	0.29 U	0.29 U
10061-01-5	cis-1,3-Dichloropropene	ug/Kg	4.5 U	4.3 U	4.4 U	4.3 U	0.31 U	0.31 U
79-00-5	1,1,2-Trichloroethane	ug/Kg	5.6 U	5.4 U	5.6 U	5.4 U	0.38 U	0.38 U
591-78-6	2-Hexanone	ug/Kg	24 U	23 U	24 U	23 U	1.9 U	1.9 U
124-48-1	Dibromochloromethane	ug/Kg	3.4 U	3.2 U	3.3 U	3.2 U	0.52 U	0.52 U
106-93-4	1,2-Dibromoethane	ug/Kg	4 U	3.8 U	4 U	3.8 U	0.41 U	0.41 U
127-18-4	Tetrachloroethene	ug/Kg	6.3 U	6 U	6.2 U	6 U	0.27 U	0.27 U
108-90-7	Chlorobenzene	ug/Kg	3.1 U	3 U	3.1 U	3 U	0.49 U	0.49 U

Consolidated Edison Farrington Street Validated Soil Analytical Data SDG: A2513		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	TP-13N(5.5) A2513-01	TP-13S(4) A2513-03	TP-14E(5.5) A2513-05	TP-14W(5.5) A2513-04	042409FB A2513-02	042709FB A2513-06
CAS NO.	COMPOUND	UNITS:					ug/L	ug/L
	VOLATILES							
100-41-4	Ethyl Benzene	ug/Kg	3.9 U	5700	3.8 U	3.7 U	0.53 U	0.53 U
136777-61-2	m/p-Xylenes	ug/Kg	4.5 U	3100	4.4 U	4.3 U	0.95 U	0.95 U
1330-20-7	o-Xylene	ug/Kg	4.2 U	3900	4.2 U	4 U	0.43 U	0.43 U
100-42-5	Styrene	ug/Kg	2.8 U	19 J	2.8 U	2.7 U	0.36 U	0.36 U
75-25-2	Bromoform	ug/Kg	4.6 U	4.4 U	4.6 U	4.4 U	0.47 U	0.47 U
98-82-8	Isopropylbenzene	ug/Kg	3 U	2200	3 U	2.9 U	0.45 U	0.45 U
79-34-5	1,1,2,2-Tetrachloroethane	ug/Kg	2.9 U	2.7 U	2.8 U	2.7 U	0.31 U	0.31 U
541-73-1	1,3-Dichlorobenzene	ug/Kg	2.3 U	2.2 U	2.3 U	2.2 U	0.43 U	0.43 U
106-46-7	1,4-Dichlorobenzene	ug/Kg	2.6 U	2.4 U	2.5 U	2.4 U	0.32 U	0.32 U
95-50-1	1,2-Dichlorobenzene	ug/Kg	3.9 U	3.7 U	3.8 U	3.7 U	0.45 U	0.45 U
96-12-8	1,2-Dibromo-3-Chloropropane	ug/Kg	5.4 U	5.2 U	5.4 U	5.2 U	0.46 U	0.46 U
120-82-1	1,2,4-Trichlorobenzene	ug/Kg	4.4 U	4.2 U	4.3 U	4.2 U	0.62 U	0.62 U
	SEMIVOLATILES							
100-52-7	Benzaldehyde	ug/Kg	110 U	410 U	21 U	63 J	0.9 U	0.93 U
108-95-2	Phenol	ug/Kg	48 U	6600 J	9.5 U	76 J	0.24 U	0.25 U
95-57-8	2-Chlorophenol	ug/Kg	110 U	420 U	22 U	21 U	0.63 U	0.65 U
50-32-8	2-Methylphenol	ug/Kg	110 U	7400 J	22 U	21 U	0.28 U	0.29 U
108-60-1	2,2-oxybis(1-Chloropropane)	ug/Kg	86 U	330 U	17 U	16 U	0.2 U	0.2 U
98-86-2	Acetophenone	ug/Kg	64 U	240 U	13 U	12 U	0.16 U	0.17 U
87-86-5	3+4-Methylphenols	ug/Kg	110 U	15000	21 U	21 U	0.44 U	0.46 U
621-64-7	N-Nitroso-di-n-propylamine	ug/Kg	100 U	400 U	21 U	20 U	0.23 U	0.24 U
67-72-1	Hexachloroethane	ug/Kg	93 U	350 U	18 U	18 U	0.29 U	0.3 U
98-95-3	Nitrobenzene	ug/Kg	79 U	300 U	16 U	15 U	0.79 U	0.82 U
78-59-1	Isophorone	ug/Kg	69 U	260 U	14 U	13 U	0.35 U	0.36 U
88-75-5	2-Nitrophenol	ug/Kg	100 U	380 U	20 U	19 U	0.6 U	0.63 U
105-67-9	2,4-Dimethylphenol	ug/Kg	120 U	13000	23 U	22 U	0.83 U	0.86 U
111-91-1	bis(2-Chloroethoxy)methane	ug/Kg	120 U	460 U	24 U	23 U	0.64 U	0.66 U
120-83-2	2,4-Dichlorophenol	ug/Kg	79 U	300 U	16 U	15 U	0.77 U	0.8 U
91-20-3	Naphthalene	ug/Kg	11000	680000	230 J	6100	0.14 U	0.14 U
106-47-8	4-Chloroaniline	ug/Kg	150 U	560 U	29 U	28 U	3.3 U	3.4 U
87-68-3	Hexachlorobutadiene	ug/Kg	75 U	290 U	15 U	14 U	0.29 U	0.3 U
105-60-2	Caprolactam	ug/Kg	97 U	370 U	19 U	18 U	5.2 U	5.4 U
111-44-4	bis(2-Chloroethyl)ether	ug/Kg	100 U	380 U	20 U	19 U	0.64 U	0.66 U
59-50-7	4-Chloro-3-methylphenol	ug/Kg	92 U	350 U	18 U	18 U	0.47 U	0.48 U
91-57-6	2-Methylnaphthalene	ug/Kg	6000	400000	92 J	4000	0.37 U	0.39 U
77-47-4	Hexachlorocyclopentadiene	ug/Kg	51 U	190 U	10 U	9.6 U	0.28 U	0.29 U
88-06-2	2,4,6-Trichlorophenol	ug/Kg	64 U	240 U	13 U	12 U	0.65 U	0.67 U
95-95-4	2,4,5-Trichlorophenol	ug/Kg	150 U	560 U	29 U	28 U	0.47 U	0.48 U
92-52-4	1,1-Biphenyl	ug/Kg	990 J	500000	16 U	370 J	0.17 U	0.18 U

Consolidated Edison Farrington Street Validated Soil Analytical Data SDG: A2513		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	TP-13N(5.5) A2513-01	TP-13S(4) A2513-03	TP-14E(5.5) A2513-05	TP-14W(5.5) A2513-04	042409FB A2513-02	042709FB A2513-06
CAS NO.	COMPOUND	UNITS:					ug/L	ug/L
	SEMIVOLATILES							
91-58-7	2-Chloronaphthalene	ug/Kg	47 U	180 U	9.4 U	9 U	0.19 U	0.19 U
621-64-7	2-Nitroaniline	ug/Kg	92 U	350 U	18 U	18 U	0.57 U	0.59 U
131-11-3	Dimethylphthalate	ug/Kg	2100 U	210 U	410 U	390 U	0.26 U	0.27 U
208-96-8	Acenaphthylene	ug/Kg	3100	110000	10 U	400	0.81 U	0.84 U
606-20-2	2,6-Dinitrotoluene	ug/Kg	85 U	320 U	17 U	16 U	0.37 U	0.39 U
621-64-7	3-Nitroaniline	ug/Kg	130 U	510 U	26 U	25 U	1.3 U	1.3 U
83-32-9	Acenaphthene	ug/Kg	1000 J	82000	12 U	180 J	0.24 U	0.25 U
51-28-5	2,4-Dinitrophenol	ug/Kg	210 U	800 U	42 U	40 U	2.4 UJ	2.5 UJ
100-02-7	4-Nitrophenol	ug/Kg	390 U	1500 U	76 U	73 U	14 U	14 U
132-64-9	Dibenzofuran	ug/Kg	310 J	96000	16 U	160 J	0.28 U	0.29 U
121-14-2	2,4-Dinitrotoluene	ug/Kg	63 U	240 U	12 U	12 U	1.2 U	1.2 U
84-66-2	Diethylphthalate	ug/Kg	32 U	120 U	6.4 U	6.2 U	0.44 U	0.46 U
7005-72-3	4-Chlorophenyl-phenylether	ug/Kg	110 U	430 U	22 U	21 U	0.24 U	0.25 U
86-73-7	Fluorene	ug/Kg	2900	190000	16 U	860	0.36 U	0.37 U
621-64-7	4-Nitroaniline	ug/Kg	270 U	1000 U	53 U	52 U	1.6 U	1.6 U
534-52-1	4,6-Dinitro-2-methylphenol	ug/Kg	120 U	450 U	24 U	23 U	0.86 UJ	0.89 UJ
86-30-6	N-Nitrosodiphenylamine	ug/Kg	50 U	190 U	9.9 U	9.5 U	0.72 U	0.72 U
101-55-3	4-Bromophenyl-phenylether	ug/Kg	41 U	150 U	8 U	7.7 U	0.27 U	0.28 U
118-74-1	Hexachlorobenzene	ug/Kg	85 U	320 U	17 U	16 U	0.21 U	0.22 U
1912-24-9	Atrazine	ug/Kg	110 U	420 U	22 U	21 U	0.47 U	0.48 U
87-86-5	Pentachlorophenol	ug/Kg	140 U	540 U	28 U	27 U	2 U	2.1 U
85-01-8	Phenanthrene	ug/Kg	14000	580000	75 J	4600	0.3 U	0.31 U
120-12-7	Anthracene	ug/Kg	2900	190000	8.4 U	830	0.19 U	0.19 U
86-74-8	Carbazole	ug/Kg	46 U	40000	9 U	8.7 U	0.26 U	0.27 U
84-74-2	Di-n-butylphthalate	ug/Kg	160 U	620 U	32 U	31 U	2.8 U	2.9 U
206-44-0	Fluoranthene	ug/Kg	6900	270000	45 J	2200	0.47 U	0.48 U
129-00-0	Pyrene	ug/Kg	16000	370000	75 J	4900	0.23 U	0.24 U
85-68-7	Butylbenzylphthalate	ug/Kg	100 U	380 U	20 U	19 U	0.22 U	0.23 U
91-94-1	3,3-Dichlorobenzidine	ug/Kg	130 U	510 U	26 U	25 U	8.1 U	8.3 U
120-12-7	Benzo(a)anthracene	ug/Kg	4600	200000	20 U	1500	0.19 U	0.19 U
218-01-9	Chrysene	ug/Kg	4500	170000	19 U	1500	0.21 U	0.22 U
117-81-7	Bis(2-ethylhexyl)phthalate	ug/Kg	74 U	1100 J	15 U	14 U	0.19 U	0.19 U
117-84-0	Di-n-octyl phthalate	ug/Kg	24 U	90 U	4.7 U	4.5 U	0.59 U	0.61 U
205-99-2	Benzo(b)fluoranthene	ug/Kg	3300	160000	42 J	1300	0.34 U	0.35 U
207-08-9	Benzo(k)fluoranthene	ug/Kg	1100 J	43000	19 U	500	0.21 U	0.22 U
50-32-8	Benzo(a)pyrene	ug/Kg	3400	160000	8.9 U	1100	0.16 U	0.17 U
193-39-5	Indeno(1,2,3-cd)pyrene	ug/Kg	820 J	59000	14 U	340 J	0.17 U	0.18 U
53-70-3	Dibenz(a,h)anthracene	ug/Kg	340 J	25000	12 U	130 J	0.49 U	0.51 U
191-24-2	Benzo(g,h,i)perylene	ug/Kg	1500 J	83000	17 U	640	0.34 U	0.35 U

Consolidated Edison Farrington Street Validated Soil Analytical Data SDG: A2513		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	TP-13N(5.5) A2513-01	TP-13S(4) A2513-03	TP-14E(5.5) A2513-05	TP-14W(5.5) A2513-04	042409FB A2513-02	042709FB A2513-06
CAS NO.	COMPOUND	UNITS:					ug/L	ug/L
	METALS							
7429-90-5	Aluminum	mg/Kg	973	8200	5280	4980	6.5 U	14.6 J
7440-36-0	Antimony	mg/Kg	0.51 J	0.44 U	0.64 J	0.55 J	8 U	8 U
7440-38-2	Arsenic	mg/Kg	12.2	3.09	16.6	12.3	4.2 U	4.2 U
7440-39-3	Barium	mg/Kg	92.8	55	64.6	48.3	4 U	4 U
7440-41-7	Beryllium	mg/Kg	0.24 J	0.53	0.23 J	0.25	0.7 U	0.7 U
7440-43-9	Cadmium	mg/Kg	0.23 J	0.15 J	0.61	0.24	0.5 U	0.5 U
7440-70-2	Calcium	mg/Kg	3820	1250	1310	2120	297 J	295 J
7440-47-3	Chromium	mg/Kg	4.58	13	14.3	15.9	1.1 U	1.1 U
7440-48-4	Cobalt	mg/Kg	1.84	6.18	3.22	2.21	5.8 U	5.8 U
7440-50-8	Copper	mg/Kg	17.1	10.5	15.9	12.5	6.6 U	6.6 U
7439-89-6	Iron	mg/Kg	8300	16100	20800	24500	26.4 J	21.2 J
7439-92-1	Lead	mg/Kg	45.1	104	302	19	2.6 U	2.6 U
7439-95-4	Magnesium	mg/Kg	455	1590	1580	2090	39.2 J	46.3 J
7439-96-5	Manganese	mg/Kg	24.5	130	79.7	83.8	1.7 U	1.7 U
7439-97-6	Mercury	mg/Kg	1.4	0.06	0.315	0.077	0.09 U	0.09 U
7440-02-0	Nickel	mg/Kg	4.82	9.45	8.27	4.41	4.2 U	4.2 U
7440-09-7	Potassium	mg/Kg	198	375	581	378	327 J	367 J
7782-49-2	Selenium	mg/Kg	1.79	0.83	3.16	0.92	4.8 U	4.8 U
7440-22-4	Silver	mg/Kg	0.12 U	0.12 U	0.12 U	0.12 U	1.5 U	1.5 U
7440-23-5	Sodium	mg/Kg	162	170	199	184	644 J	771 J
7440-28-0	Thallium	mg/Kg	0.22 U	0.21 U	0.22 U	0.21 U	2.4 U	2.4 U
7440-62-2	Vanadium	mg/Kg	9.74	18.5	15.6	17.5	6.1 U	6.1 U
7440-66-6	Zinc	mg/Kg	25.6	33.2	289	18.6	12.9 J	10.5 J
57-12-5	Cyanide	mg/Kg	0.623 U	1.11	1.33	0.593 U	10 U	10 U

Consolidated Edison Farrington Street Validated Soil Analytical Data SDG: A2567		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	MW-16(6) A2567-01 Chemtech A2567 SOIL 4/30/2009 5/26/2009	043009FB A2567-02 Chemtech A2567 WATER 4/30/2009 5/26/2009
CAS NO.	COMPOUND	UNITS:		
	VOLATILES			
75-71-8	Dichlorodifluoromethane	ug/Kg	84 U	0.55 U
74-87-3	Chloromethane	ug/Kg	82 U	0.54 U
75-01-4	Vinyl chloride	ug/Kg	52 U	0.34 U
74-83-9	Bromomethane	ug/Kg	95 U	0.62 U
75-00-3	Chloroethane	ug/Kg	100 U	0.66 U
75-69-4	Trichlorofluoromethane	ug/Kg	53 U	0.35 U
76-13-1	1,1,2-Trichlorotrifluoroethane	ug/Kg	69 U	0.45 U
75-35-4	1,1-Dichloroethene	ug/Kg	72 U	0.47 U
67-64-1	Acetone	ug/Kg	420 U	2.8 U
75-15-0	Carbon Disulfide	ug/Kg	82 U	0.54 U
1634-04-4	Methyl tert-butyl Ether	ug/Kg	53 U	0.35 U
79-20-9	Methyl Acetate	ug/Kg	130 U	0.83 U
75-09-2	Methylene Chloride	ug/Kg	62 U	0.41 U
156-60-5	trans-1,2-Dichloroethene	ug/Kg	62 U	0.41 U
75-34-3	1,1-Dichloroethane	ug/Kg	55 U	0.36 U
110-82-7	Cyclohexane	ug/Kg	590 J	0.55 U
78-93-3	2-Butanone	ug/Kg	200 U	1.3 U
56-23-5	Carbon Tetrachloride	ug/Kg	95 U	0.62 U
156-59-2	cis-1,2-Dichloroethene	ug/Kg	53 U	0.35 U
67-66-3	Chloroform	ug/Kg	52 U	0.34 U
71-55-6	1,1,1-Trichloroethane	ug/Kg	61 UJ	0.4 U
108-87-2	Methylcyclohexane	ug/Kg	2400	0.68 U
71-43-2	Benzene	ug/Kg	39000	0.32 U
107-06-2	1,2-Dichloroethane	ug/Kg	73 U	0.48 U
79-01-6	Trichloroethene	ug/Kg	43 U	0.28 U
78-87-5	1,2-Dichloropropane	ug/Kg	70 U	0.46 U
75-27-4	Bromodichloromethane	ug/Kg	55 U	0.36 U
108-10-1	4-Methyl-2-Pentanone	ug/Kg	320 U	2.1 U
108-88-3	Toluene	ug/Kg	2700	0.37 U
10061-02-6	t-1,3-Dichloropropene	ug/Kg	44 U	0.29 U
10061-01-5	cis-1,3-Dichloropropene	ug/Kg	47 U	0.31 U
79-00-5	1,1,2-Trichloroethane	ug/Kg	58 U	0.38 U

Consolidated Edison Farrington Street Validated Soil Analytical Data SDG: A2567		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	MW-16(6) A2567-01 Chemtech A2567 SOIL 4/30/2009 5/26/2009	043009FB A2567-02 Chemtech A2567 WATER 4/30/2009 5/26/2009
CAS NO.	COMPOUND	UNITS:		
	VOLATILES			
591-78-6	2-Hexanone	ug/Kg	300 U	1.9 U
124-48-1	Dibromochloromethane	ug/Kg	79 U	0.52 U
106-93-4	1,2-Dibromoethane	ug/Kg	62 U	0.41 U
127-18-4	Tetrachloroethene	ug/Kg	41 U	0.27 U
108-90-7	Chlorobenzene	ug/Kg	75 U	0.49 U
100-41-4	Ethyl Benzene	ug/Kg	230000	0.53 U
136777-61-2	m/p-Xylenes	ug/Kg	280000	0.95 U
1330-20-7	o-Xylene	ug/Kg	43000	0.43 U
100-42-5	Styrene	ug/Kg	55 U	0.36 U
75-25-2	Bromoform	ug/Kg	72 U	0.47 U
98-82-8	Isopropylbenzene	ug/Kg	19000	0.45 U
79-34-5	1,1,2,2-Tetrachloroethane	ug/Kg	47 U	0.31 U
541-73-1	1,3-Dichlorobenzene	ug/Kg	66 UJ	0.43 U
106-46-7	1,4-Dichlorobenzene	ug/Kg	49 U	0.32 U
95-50-1	1,2-Dichlorobenzene	ug/Kg	69 UJ	0.45 U
96-12-8	1,2-Dibromo-3-Chloropropane	ug/Kg	70 U	0.46 U
120-82-1	1,2,4-Trichlorobenzene	ug/Kg	95 U	0.62 U
	SEMIVOLATILES			
100-52-7	Benzaldehyde	ug/Kg	210 U	0.9 U
108-95-2	Phenol	ug/Kg	94 U	0.24 U
95-57-8	2-Chlorophenol	ug/Kg	210 U	0.63 U
50-32-8	2-Methylphenol	ug/Kg	220 U	0.28 U
108-60-1	2,2-oxybis(1-Chloropropane)	ug/Kg	170 U	0.2 U
98-86-2	Acetophenone	ug/Kg	120 U	0.16 U
87-86-5	3+4-Methylphenols	ug/Kg	210 U	0.44 U
621-64-7	N-Nitroso-di-n-propylamine	ug/Kg	200 U	0.23 U
67-72-1	Hexachloroethane	ug/Kg	180 U	0.29 U
98-95-3	Nitrobenzene	ug/Kg	150 U	0.79 U
78-59-1	Isophorone	ug/Kg	130 U	0.35 U
88-75-5	2-Nitrophenol	ug/Kg	200 U	0.6 U
105-67-9	2,4-Dimethylphenol	ug/Kg	230 U	0.83 U
111-91-1	bis(2-Chloroethoxy)methane	ug/Kg	230 U	0.64 U
120-83-2	2,4-Dichlorophenol	ug/Kg	150 U	0.77 U
91-20-3	Naphthalene	ug/Kg	290000	0.14 U

Consolidated Edison Farrington Street Validated Soil Analytical Data SDG: A2567		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	MW-16(6) A2567-01 Chemtech A2567 SOIL 4/30/2009 5/26/2009	043009FB A2567-02 Chemtech A2567 WATER 4/30/2009 5/26/2009
CAS NO.	COMPOUND	UNITS:		
	SEMIVOLATILES			
106-47-8	4-Chloroaniline	ug/Kg	290 U	3.3 U
87-68-3	Hexachlorobutadiene	ug/Kg	150 U	0.29 U
105-60-2	Caprolactam	ug/Kg	190 U	5.2 UJ
111-44-4	bis(2-Chloroethyl)ether	ug/Kg	190 U	0.64 U
59-50-7	4-Chloro-3-methylphenol	ug/Kg	180 U	0.47 U
91-57-6	2-Methylnaphthalene	ug/Kg	130000	0.37 U
77-47-4	Hexachlorocyclopentadiene	ug/Kg	98 U	0.28 U
88-06-2	2,4,6-Trichlorophenol	ug/Kg	120 U	0.65 U
95-95-4	2,4,5-Trichlorophenol	ug/Kg	280 U	0.47 U
92-52-4	1,1-Biphenyl	ug/Kg	11000	0.17 U
91-58-7	2-Chloronaphthalene	ug/Kg	92 U	0.19 U
621-64-7	2-Nitroaniline	ug/Kg	180 U	0.57 U
131-11-3	Dimethylphthalate	ug/Kg	110 U	0.26 U
208-96-8	Acenaphthylene	ug/Kg	8400	0.81 U
606-20-2	2,6-Dinitrotoluene	ug/Kg	170 U	0.37 U
621-64-7	3-Nitroaniline	ug/Kg	260 U	1.3 U
83-32-9	Acenaphthene	ug/Kg	37000	0.24 U
51-28-5	2,4-Dinitrophenol	ug/Kg	410 UJ	2.4 U
100-02-7	4-Nitrophenol	ug/Kg	750 U	14 U
132-64-9	Dibenzofuran	ug/Kg	13000	0.28 U
121-14-2	2,4-Dinitrotoluene	ug/Kg	120 U	1.2 U
84-66-2	Diethylphthalate	ug/Kg	63 U	0.44 U
7005-72-3	4-Chlorophenyl-phenylether	ug/Kg	220 U	0.24 U
86-73-7	Fluorene	ug/Kg	24000	0.36 U
621-64-7	4-Nitroaniline	ug/Kg	530 U	1.6 U
534-52-1	4,6-Dinitro-2-methylphenol	ug/Kg	230 U	0.86 U
86-30-6	N-Nitrosodiphenylamine	ug/Kg	97 U	0.7 U
101-55-3	4-Bromophenyl-phenylether	ug/Kg	79 U	0.27 U
118-74-1	Hexachlorobenzene	ug/Kg	170 U	0.21 U
1912-24-9	Atrazine	ug/Kg	210 U	0.47 U
87-86-5	Pentachlorophenol	ug/Kg	280 U	2 U
85-01-8	Phenanthrene	ug/Kg	130000	0.3 U
120-12-7	Anthracene	ug/Kg	30000	0.19 U

Consolidated Edison Farrington Street Validated Soil Analytical Data SDG: A2567		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	MW-16(6) A2567-01 Chemtech A2567 SOIL 4/30/2009 5/26/2009	043009FB A2567-02 Chemtech A2567 WATER 4/30/2009 5/26/2009
CAS NO.	COMPOUND	UNITS:		
SEMIVOLATILES				
86-74-8	Carbazole	ug/Kg	2300 J	0.26 U
84-74-2	Di-n-butylphthalate	ug/Kg	320 U	2.8 U
206-44-0	Fluoranthene	ug/Kg	45000	0.47 U
129-00-0	Pyrene	ug/Kg	55000	0.23 U
85-68-7	Butylbenzylphthalate	ug/Kg	190 U	0.22 U
91-94-1	3,3-Dichlorobenzidine	ug/Kg	260 U	8.1 U
120-12-7	Benzo(a)anthracene	ug/Kg	19000	0.19 U
218-01-9	Chrysene	ug/Kg	14000	0.21 U
117-81-7	Bis(2-ethylhexyl)phthalate	ug/Kg	140 U	0.19 U
117-84-0	Di-n-octyl phthalate	ug/Kg	46 U	0.59 U
205-99-2	Benzo(b)fluoranthene	ug/Kg	17000	0.34 U
207-08-9	Benzo(k)fluoranthene	ug/Kg	3900 J	0.21 U
50-32-8	Benzo(a)pyrene	ug/Kg	12000	0.16 U
193-39-5	Indeno(1,2,3-cd)pyrene	ug/Kg	2700 J	0.17 U
53-70-3	Dibenz(a,h)anthracene	ug/Kg	600 J	0.49 U
191-24-2	Benzo(g,h,i)perylene	ug/Kg	2300 J	0.34 U
INORGANICS				
7429-90-5	Aluminum	mg/Kg	6630	50.7 J
7440-36-0	Antimony	mg/Kg	0.81 J	8 U
7440-38-2	Arsenic	mg/Kg	25.7	4.2 U
7440-39-3	Barium	mg/Kg	82.7	4 U
7440-41-7	Beryllium	mg/Kg	0.32	0.7 U
7440-43-9	Cadmium	mg/Kg	5.4	0.5 U
7440-70-2	Calcium	mg/Kg	1380	902 J
7440-47-3	Chromium	mg/Kg	23.6	1.1 U
7440-48-4	Cobalt	mg/Kg	7.32	5.8 U
7440-50-8	Copper	mg/Kg	32.7	6.6 U
7439-89-6	Iron	mg/Kg	27200	20.2 J
7439-92-1	Lead	mg/Kg	172	2.6 U
7439-95-4	Magnesium	mg/Kg	2480	71.6 J
7439-96-5	Manganese	mg/Kg	85.9	1.7 U
7439-97-6	Mercury	mg/Kg	0.066	0.09 U
7440-02-0	Nickel	mg/Kg	17.3	4.2 U
7440-09-7	Potassium	mg/Kg	2190	373 J

Consolidated Edison Farrington Street Validated Soil Analytical Data SDG: A2567		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	MW-16(6) A2567-01 Chemtech A2567 SOIL 4/30/2009 5/26/2009	043009FB A2567-02 Chemtech A2567 WATER 4/30/2009 5/26/2009
CAS NO.	COMPOUND	UNITS:		
	INORGANICS			
7782-49-2	Selenium	mg/Kg	1.58	4.8 U
7440-22-4	Silver	mg/Kg	0.12 U	1.5 U
7440-23-5	Sodium	mg/Kg	301 U	1190
7440-28-0	Thallium	mg/Kg	0.22 U	2.4 U
7440-62-2	Vanadium	mg/Kg	34	6.1 U
7440-66-6	Zinc	mg/Kg	1990	13.9 J
57-12-5	Cyanide	mg/Kg	1.4	10 U

Consolidated Edison Farrington Street Validated Soil Analytical Data SDG: A2679		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	MW-13(18-20) A2679-06	MW-13(24-26) A2679-05	MW-15(14-16) A2679-02	MW-15-(28-30) A2679-03	050709FB A2679-01	050809FB A2679-04
CAS NO.	COMPOUND	UNITS:						
	VOLATILES							
75-71-8	Dichlorodifluoromethane	ug/Kg	3.9 U	3.7 U	81 U	4.4 U	0.55 U	0.55 UJ
74-87-3	Chloromethane	ug/Kg	5.1 U	4.9 U	79 U	5.8 U	0.54 U	0.54 U
75-01-4	Vinyl chloride	ug/Kg	7.3 U	7.1 U	50 U	8.3 U	0.34 U	0.34 U
74-83-9	Bromomethane	ug/Kg	15 U	14 U	91 U	17 U	0.62 U	0.62 U
75-00-3	Chloroethane	ug/Kg	8.3 U	8 U	97 U	9.5 U	0.66 U	0.66 U
75-69-4	Trichlorofluoromethane	ug/Kg	7.9 U	7.6 U	51 U	8.9 U	0.35 U	0.35 U
76-13-1	1,1,2-Trichlorotrifluoroethane	ug/Kg	7.9 U	7.6 U	66 U	9 U	0.45 U	0.45 U
75-35-4	1,1-Dichloroethene	ug/Kg	8.8 U	8.4 U	69 U	9.9 U	0.47 U	0.47 U
67-64-1	Acetone	ug/Kg	18 U	17 U	400 U	20 U	2.8 U	2.8 U
75-15-0	Carbon Disulfide	ug/Kg	6.3 U	6.1 U	79 U	7.2 U	0.54 U	0.54 U
1634-04-4	Methyl tert-butyl Ether	ug/Kg	5.7 U	5.5 U	51 U	6.5 U	0.35 U	4.8 J
79-20-9	Methyl Acetate	ug/Kg	9 U	8.7 U	120 U	10 U	0.83 U	0.83 U
75-09-2	Methylene Chloride	ug/Kg	8.5 U	8.2 U	60 U	9.6 U	0.41 U	0.41 UJ
156-60-5	trans-1,2-Dichloroethene	ug/Kg	4.1 U	4 U	60 U	4.7 U	0.41 U	0.41 U
75-34-3	1,1-Dichloroethane	ug/Kg	5.6 U	5.4 U	53 U	6.4 U	0.36 U	0.36 U
110-82-7	Cyclohexane	ug/Kg	6 U	5.8 U	81 U	6.8 U	0.55 U	0.55 U
78-93-3	2-Butanone	ug/Kg	19 U	18 U	190 U	21 U	1.3 U	1.3 U
56-23-5	Carbon Tetrachloride	ug/Kg	5.9 U	5.7 U	91 U	6.7 U	0.62 U	0.62 U
156-59-2	cis-1,2-Dichloroethene	ug/Kg	5.3 U	5.1 U	51 U	6 U	0.35 UJ	0.35 U
67-66-3	Chloroform	ug/Kg	4.4 U	4.3 U	50 U	5 U	0.34 U	0.34 U
71-55-6	1,1,1-Trichloroethane	ug/Kg	5.2 U	5.1 U	59 U	5.9 U	0.4 U	0.4 U
108-87-2	Methylcyclohexane	ug/Kg	6.3 U	6.1 U	900 J	7.2 U	0.68 U	0.68 U
71-43-2	Benzene	ug/Kg	2.3 U	2.2 U	47 U	2.6 U	0.32 U	4.9 J
107-06-2	1,2-Dichloroethane	ug/Kg	3.8 U	3.7 U	71 U	4.3 U	0.48 U	0.48 U
79-01-6	Trichloroethene	ug/Kg	5.1 U	4.9 U	41 U	5.8 U	0.28 U	0.28 U
78-87-5	1,2-Dichloropropane	ug/Kg	1.5 U	1.5 U	68 U	1.8 U	0.46 U	0.46 U
75-27-4	Bromodichloromethane	ug/Kg	3.7 U	3.6 U	53 U	4.2 U	0.36 UJ	0.36 U
108-10-1	4-Methyl-2-Pentanone	ug/Kg	17 U	17 U	310 U	20 U	2.1 U	2.1 U
108-88-3	Toluene	ug/Kg	6.4 J	3.7 U	54 U	4.3 U	0.37 U	0.37 U
10061-02-6	t-1,3-Dichloropropene	ug/Kg	4.7 U	4.5 U	43 U	5.3 U	0.29 U	0.29 U
10061-01-5	cis-1,3-Dichloropropene	ug/Kg	4.3 U	4.1 U	46 U	4.9 U	0.31 U	0.31 U
79-00-5	1,1,2-Trichloroethane	ug/Kg	5.4 U	5.2 U	56 U	6.1 U	0.38 UJ	0.38 U

Consolidated Edison Farrington Street Validated Soil Analytical Data SDG: A2679		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	MW-13(18-20) A2679-06	MW-13(24-26) A2679-05	MW-15(14-16) A2679-02	MW-15-(28-30) A2679-03	050709FB A2679-01	050809FB A2679-04
CAS NO.	COMPOUND	UNITS:					ug/L	ug/L
	VOLATILES							
591-78-6	2-Hexanone	ug/Kg	23 U	23 U	290 U	26 U	1.9 U	1.9 U
124-48-1	Dibromochloromethane	ug/Kg	3.2 U	3.1 U	76 U	3.6 U	0.52 U	0.52 U
106-93-4	1,2-Dibromoethane	ug/Kg	3.8 U	3.7 U	60 U	4.3 U	0.41 UJ	0.41 U
127-18-4	Tetrachloroethene	ug/Kg	6 U	5.8 U	40 U	6.8 U	0.27 U	0.27 U
108-90-7	Chlorobenzene	ug/Kg	3 U	2.9 U	72 U	3.4 U	0.49 U	0.49 U
100-41-4	Ethyl Benzene	ug/Kg	3.7 U	3.6 U	9600	4.2 U	0.53 U	0.53 U
136777-61-2	m/p-Xylenes	ug/Kg	4.3 U	4.1 U	250 J	4.9 U	0.95 U	0.95 U
1330-20-7	o-Xylene	ug/Kg	4 U	3.9 U	1300	4.6 U	0.43 U	0.43 U
100-42-5	Styrene	ug/Kg	2.7 U	2.6 U	53 U	3 U	0.36 U	0.36 U
75-25-2	Bromoform	ug/Kg	4.4 U	4.3 U	69 U	5 U	0.47 U	0.47 U
98-82-8	Isopropylbenzene	ug/Kg	2.9 U	2.8 U	4700	3.2 U	0.45 UJ	0.45 U
79-34-5	1,1,2,2-Tetrachloroethane	ug/Kg	2.7 U	2.6 U	46 U	3.1 U	0.31 U	0.31 U
541-73-1	1,3-Dichlorobenzene	ug/Kg	2.2 U	2.1 U	63 U	2.5 U	0.43 U	0.43 U
106-46-7	1,4-Dichlorobenzene	ug/Kg	2.4 U	2.4 U	47 U	2.8 U	0.32 U	0.32 U
95-50-1	1,2-Dichlorobenzene	ug/Kg	3.7 U	3.6 U	66 U	4.2 U	0.45 U	0.45 U
96-12-8	1,2-Dibromo-3-Chloropropane	ug/Kg	5.2 U	5 U	68 U	5.9 U	0.46 U	0.46 U
120-82-1	1,2,4-Trichlorobenzene	ug/Kg	4.2 UJ	4 UJ	91 U	4.7 UJ	0.62 U	0.62 U
100-52-7	Benzaldehyde	ug/Kg	21 U	20 U	200 U	23 U	0.91 U	0.91 U
108-95-2	Phenol	ug/Kg	9.2 U	8.8 U	90 U	10 U	0.25 U	0.25 U
95-57-8	2-Chlorophenol	ug/Kg	21 U	20 U	210 U	24 U	0.64 U	0.64 U
50-32-8	2-Methylphenol	ug/Kg	22 U	21 U	210 U	24 U	0.28 U	0.28 U
108-60-1	2,2-oxybis(1-Chloropropane)	ug/Kg	16 U	16 U	160 U	19 U	0.2 U	0.2 U
98-86-2	Acetophenone	ug/Kg	12 U	12 U	120 U	14 U	0.16 U	0.16 U
87-86-5	3+4-Methylphenols	ug/Kg	21 U	20 U	200 U	23 U	0.45 U	0.45 U
621-64-7	N-Nitroso-di-n-propylamine	ug/Kg	20 U	19 U	200 U	23 U	0.24 U	0.24 U
67-72-1	Hexachloroethane	ug/Kg	18 U	17 U	180 U	20 U	0.29 U	0.29 U
98-95-3	Nitrobenzene	ug/Kg	15 U	14 U	150 U	17 U	0.8 U	0.8 U
78-59-1	Isophorone	ug/Kg	13 U	13 U	130 U	15 U	0.35 U	0.35 U
88-75-5	2-Nitrophenol	ug/Kg	19 U	18 U	190 U	22 U	0.61 U	0.61 U
105-67-9	2,4-Dimethylphenol	ug/Kg	22 U	22 U	220 U	25 U	0.84 U	0.84 U
111-91-1	bis(2-Chloroethoxy)methane	ug/Kg	23 U	22 U	230 U	26 U	0.65 U	0.65 U
120-83-2	2,4-Dichlorophenol	ug/Kg	15 U	15 U	150 U	17 U	0.78 U	0.78 U
91-20-3	Naphthalene	ug/Kg	190 J	13 U	100000	310 J	0.14 U	0.14 U
106-47-8	4-Chloroaniline	ug/Kg	28 U	27 U	280 U	32 U	3.4 U	3.4 U
87-68-3	Hexachlorobutadiene	ug/Kg	14 U	14 U	140 U	16 U	0.29 U	0.29 U
105-60-2	Caprolactam	ug/Kg	18 U	18 U	180 U	21 U	5.2 U	5.2 U
111-44-4	bis(2-Chloroethyl)ether	ug/Kg	19 U	18 U	190 U	22 U	0.65 U	0.65 U
59-50-7	4-Chloro-3-methylphenol	ug/Kg	18 U	17 U	170 U	20 U	0.47 U	0.47 U

Consolidated Edison Farrington Street Validated Soil Analytical Data SDG: A2679		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	MW-13(18-20) A2679-06	MW-13(24-26) A2679-05	MW-15(14-16) A2679-02	MW-15-(28-30) A2679-03	050709FB A2679-01	050809FB A2679-04
CAS NO.	COMPOUND	UNITS:					ug/L	ug/L
	SEMIVOLATILES							
91-57-6	2-Methylnaphthalene	ug/Kg	10 U	9.6 U	50000	270 J	0.38 U	0.38 U
77-47-4	Hexachlorocyclopentadiene	ug/Kg	9.6 U	9.3 U	95 U	11 U	0.28 U	0.28 U
88-06-2	2,4,6-Trichlorophenol	ug/Kg	12 U	12 U	120 U	14 U	0.66 U	0.66 U
95-95-4	2,4,5-Trichlorophenol	ug/Kg	28 U	27 U	270 U	32 U	0.47 U	0.47 U
92-52-4	1,1-Biphenyl	ug/Kg	15 U	14 U	3400 J	17 U	0.18 U	0.18 U
91-58-7	2-Chloronaphthalene	ug/Kg	9 U	8.7 U	89 U	10 U	0.19 U	0.19 U
621-64-7	2-Nitroaniline	ug/Kg	18 U	17 U	170 U	20 U	0.58 U	0.58 U
131-11-3	Dimethylphthalate	ug/Kg	11 U	380 U	110 U	450 U	0.26 U	0.26 U
208-96-8	Acenaphthylene	ug/Kg	460	9.6 U	4200	55 J	0.82 U	0.82 U
606-20-2	2,6-Dinitrotoluene	ug/Kg	16 U	16 U	160 U	18 U	0.38 U	0.38 U
621-64-7	3-Nitroaniline	ug/Kg	25 U	25 U	250 U	29 U	1.3 U	1.3 U
83-32-9	Acenaphthene	ug/Kg	590	11 U	33000	490	0.25 U	0.25 U
51-28-5	2,4-Dinitrophenol	ug/Kg	40 U	39 U	400 U	46 U	2.5 U	2.5 U
100-02-7	4-Nitrophenol	ug/Kg	74 U	71 U	730 U	83 U	14 U	14 U
132-64-9	Dibenzofuran	ug/Kg	15 U	15 U	2500 J	18 U	0.28 U	0.28 U
121-14-2	2,4-Dinitrotoluene	ug/Kg	12 U	12 U	120 U	14 U	1.2 U	1.2 U
84-66-2	Diethylphthalate	ug/Kg	6.2 U	6 U	61 U	7 U	0.45 U	0.45 U
7005-72-3	4-Chlorophenyl-phenylether	ug/Kg	22 U	21 U	210 U	24 U	0.25 U	0.25 U
86-73-7	Fluorene	ug/Kg	15 U	14 U	19000	150 J	0.36 U	0.36 U
621-64-7	4-Nitroaniline	ug/Kg	52 U	50 U	510 U	59 U	1.6 U	1.6 U
534-52-1	4,6-Dinitro-2-methylphenol	ug/Kg	23 U	22 U	220 U	26 U	0.87 U	0.87 U
86-30-6	N-Nitrosodiphenylamine	ug/Kg	9.5 U	9.2 U	94 U	11 U	0.71 U	0.71 U
101-55-3	4-Bromophenyl-phenylether	ug/Kg	7.7 U	7.4 U	76 U	8.8 U	0.27 U	0.27 U
118-74-1	Hexachlorobenzene	ug/Kg	16 U	16 U	160 U	18 U	0.21 U	0.21 U
1912-24-9	Atrazine	ug/Kg	21 U	20 U	210 U	24 U	0.47 U	0.47 U
87-86-5	Pentachlorophenol	ug/Kg	27 U	26 U	270 U	31 U	2 U	2 U
85-01-8	Phenanthrene	ug/Kg	200 J	70 J	54000	710	0.31 U	0.31 U
120-12-7	Anthracene	ug/Kg	450	41 J	19000	270 J	0.19 U	0.19 U
86-74-8	Carbazole	ug/Kg	8.7 U	8.4 U	740 J	9.8 U	0.26 U	0.26 U
84-74-2	Di-n-butylphthalate	ug/Kg	31 U	30 U	310 U	35 U	2.8 U	2.8 U
206-44-0	Fluoranthene	ug/Kg	3900	92 J	20000	280 J	0.47 U	0.47 U
129-00-0	Pyrene	ug/Kg	6100	140 J	25000	380 J	0.24 U	0.24 U
85-68-7	Butylbenzylphthalate	ug/Kg	19 U	18 U	190 U	22 U	0.22 U	0.22 U
91-94-1	3,3-Dichlorobenzidine	ug/Kg	25 U	25 U	250 U	29 U	8.2 U	8.2 U
120-12-7	Benzo(a)anthracene	ug/Kg	2100	62 J	12000	160 J	0.19 U	0.19 U
218-01-9	Chrysene	ug/Kg	1800	53 J	11000	140 J	0.21 U	0.21 U
117-81-7	Bis(2-ethylhexyl)phthalate	ug/Kg	200 J	150 J	430 J	110 J	0.19 U	0.19 U
117-84-0	Di-n-octyl phthalate	ug/Kg	4.5 U	4.4 U	45 U	5.1 U	0.6 U	0.6 U

Consolidated Edison Farrington Street Validated Soil Analytical Data SDG: A2679		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	MW-13(18-20) A2679-06	MW-13(24-26) A2679-05	MW-15(14-16) A2679-02	MW-15-(28-30) A2679-03	050709FB A2679-01	050809FB A2679-04
CAS NO.	COMPOUND	UNITS:						
	SEMIVOLATILES							
205-99-2	Benzo(b)fluoranthene	ug/Kg	1000	12 U	6500	74 J	0.34 U	0.34 U
207-08-9	Benzo(k)fluoranthene	ug/Kg	380 J	18 U	1900 J	21 U	0.21 U	0.21 U
50-32-8	Benzo(a)pyrene	ug/Kg	1300	39 J	7200	97 J	0.16 U	0.16 U
193-39-5	Indeno(1,2,3-cd)pyrene	ug/Kg	370 J	13 U	2400 J	15 U	0.18 U	0.18 U
53-70-3	Dibenz(a,h)anthracene	ug/Kg	140 J	11 U	760 J	13 U	0.49 U	0.49 U
191-24-2	Benzo(g,h,i)perylene	ug/Kg	480	15 U	3000 J	18 U	0.34 U	0.34 U
	INORGANICS							
7429-90-5	Aluminum	mg/Kg	2820	2320	3680	8920	6.5 U	6.5 U
7440-36-0	Antimony	mg/Kg	0.45 U	0.42 U	0.44 U	0.5 U	8 U	8 U
7440-38-2	Arsenic	mg/Kg	0.26 U	0.25 U	0.29 J	0.3 U	4.2 U	4.2 U
7440-39-3	Barium	mg/Kg	28.1	48.2	41.3	120	4 U	4 U
7440-41-7	Beryllium	mg/Kg	0.12 J	0.12 J	0.16 J	0.24 J	0.7 U	0.7 U
7440-43-9	Cadmium	mg/Kg	0.05 U	0.05 U	0.05 U	0.14 J	0.5 U	0.5 U
7440-70-2	Calcium	mg/Kg	715	1630	1210	1540	739 J	767 J
7440-47-3	Chromium	mg/Kg	10.9	16.2	15.3	27.3	1.1 U	1.1 U
7440-48-4	Cobalt	mg/Kg	4.11	5.01	6.52	9.21	5.8 U	5.8 U
7440-50-8	Copper	mg/Kg	9.81	11.2	23	15.1	6.6 U	6.6 U
7439-89-6	Iron	mg/Kg	11400	14400	14400	18100	22.3 J	24.8 J
7439-92-1	Lead	mg/Kg	2.61	1.82	6.85	3.52	2.6 U	2.6 U
7439-95-4	Magnesium	mg/Kg	1170	1630	1680	4080	48.9 J	51.8 J
7439-96-5	Manganese	mg/Kg	63.4	163	137	377	1.7 U	1.7 U
7439-97-6	Mercury	mg/Kg	0.007 J	0.002 J	0.022	0.007 J	0.09 U	0.09 U
7440-02-0	Nickel	mg/Kg	8.41	11.6	14.6	20.1	4.2 U	4.2 U
7440-09-7	Potassium	mg/Kg	999	711	1250	4080	308 J	328 J
7782-49-2	Selenium	mg/Kg	0.72 J	0.75 J	1.14	0.81 J	5.38 J	4.97 J
7440-22-4	Silver	mg/Kg	0.12 U	0.11 U	0.12 U	0.13 U	1.5 U	1.5 U
7440-23-5	Sodium	mg/Kg	147	152	180	422	443 J	690 J
7440-28-0	Thallium	mg/Kg	0.22 U	0.2 U	0.21 U	0.24 U	2.4 U	2.4 U
7440-62-2	Vanadium	mg/Kg	13.4	11.9	24	30.3	6.1 U	6.1 U
7440-66-6	Zinc	mg/Kg	24.2	25.1	45	39.1	10.6 J	16 J
57-12-5	Cyanide	mg/Kg	0.599 U	0.572 U	0.59 U	0.672 U	10 U	10 U

Consolidated Edison Farrington Street Validated Soil Analytical Data SDG: A2710		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	MW-16(14-16) A2710-04	MW-16(28-30) A2710-05	MW-16(8-10) A2710-06	MW-17(14-16) A2710-01	MW-17(22-24) A2710-02	MW-18(14-16) A2710-09
CAS NO.	COMPOUND	UNITS:						
	VOLATILES							
75-71-8	Dichlorodifluoromethane	ug/Kg	3.8 U	3.8 U	3.9 U	3.9 U	4.2 U	4 U
74-87-3	Chloromethane	ug/Kg	5.1 U	5.1 U	5.1 U	5.1 U	5.5 U	5.2 U
75-01-4	Vinyl chloride	ug/Kg	7.2 U	7.2 U	7.3 U	7.3 U	7.9 U	7.5 U
74-83-9	Bromomethane	ug/Kg	14 U	14 U	15 U	15 U	16 U	15 U
75-00-3	Chloroethane	ug/Kg	8.2 U	8.2 U	8.3 U	8.3 U	9 U	8.5 U
75-69-4	Trichlorofluoromethane	ug/Kg	7.8 U	7.8 U	7.9 U	7.9 U	8.5 U	8 U
76-13-1	1,1,2-Trichlorotrifluoroethane	ug/Kg	7.8 U	7.8 U	7.9 U	7.9 U	8.5 U	8.1 U
75-35-4	1,1-Dichloroethene	ug/Kg	8.6 U	8.6 U	8.8 U	8.8 U	9.4 U	9 U
67-64-1	Acetone	ug/Kg	18 U	18 U	18 U	18 U	19 U	18 U
75-15-0	Carbon Disulfide	ug/Kg	6.2 U	6.2 U	6.3 U	6.3 U	6.8 U	6.5 U
1634-04-4	Methyl tert-butyl Ether	ug/Kg	5.6 U	5.6 U	5.7 U	5.7 U	10 J	5.9 U
79-20-9	Methyl Acetate	ug/Kg	8.9 U	8.9 U	9 U	9 U	9.7 U	9.2 U
75-09-2	Methylene Chloride	ug/Kg	8.4 U	8.4 U	8.5 U	8.5 U	9.1 U	8.7 U
156-60-5	trans-1,2-Dichloroethene	ug/Kg	4.1 U	4.1 U	4.1 U	4.1 U	4.4 U	4.2 U
75-34-3	1,1-Dichloroethane	ug/Kg	5.5 U	5.5 U	5.6 U	5.6 U	6 U	5.7 U
110-82-7	Cyclohexane	ug/Kg	660 J	5.9 U	450 J	6 U	6.5 U	810 J
78-93-3	2-Butanone	ug/Kg	18 U	18 U	19 U	19 U	20 U	19 U
56-23-5	Carbon Tetrachloride	ug/Kg	5.8 U	5.8 U	5.9 U	5.9 U	6.3 U	6 U
156-59-2	cis-1,2-Dichloroethene	ug/Kg	5.2 U	5.2 U	5.3 U	5.3 U	5.7 U	5.4 U
67-66-3	Chloroform	ug/Kg	4.4 U	4.4 U	4.4 U	4.4 U	4.7 U	4.5 U
71-55-6	1,1,1-Trichloroethane	ug/Kg	5.2 U	5.2 U	5.2 U	5.2 U	5.6 U	5.4 U
108-87-2	Methylcyclohexane	ug/Kg	4800 J	6.2 U	1800 J	310 J	6.8 U	6200 J
71-43-2	Benzene	ug/Kg	1100	2.2 U	9300	2.3 U	2.4 U	920 J
107-06-2	1,2-Dichloroethane	ug/Kg	3.8 U	3.8 U	3.8 U	3.8 U	4.1 U	3.9 U
79-01-6	Trichloroethene	ug/Kg	5.1 U	5.1 U	5.1 U	5.1 U	5.5 U	5.2 U
78-87-5	1,2-Dichloropropane	ug/Kg	1.5 U	1.5 U	1.5 U	1.5 U	1.7 U	1.6 U
75-27-4	Bromodichloromethane	ug/Kg	3.6 U	3.6 U	3.7 U	3.7 U	4 U	3.8 U
108-10-1	4-Methyl-2-Pentanone	ug/Kg	17 U	17 U	17 U	17 U	19 U	18 U
108-88-3	Toluene	ug/Kg	500 J	3.8 U	1800	27 J	4.1 U	3.9 U
10061-02-6	t-1,3-Dichloropropene	ug/Kg	4.6 U	4.6 U	4.7 U	4.7 U	5.1 U	4.8 U
10061-01-5	cis-1,3-Dichloropropene	ug/Kg	4.2 U	4.2 U	4.3 U	4.3 U	4.6 U	4.4 U
79-00-5	1,1,2-Trichloroethane	ug/Kg	5.3 U	5.3 U	5.4 U	5.4 U	5.8 U	5.5 U

Consolidated Edison Farrington Street Validated Soil Analytical Data SDG: A2710		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	MW-16(14-16) A2710-04	MW-16(28-30) A2710-05	MW-16(8-10) A2710-06	MW-17(14-16) A2710-01	MW-17(22-24) A2710-02	MW-18(14-16) A2710-09
CAS NO.	COMPOUND	UNITS:						
	VOLATILES							
591-78-6	2-Hexanone	ug/Kg	23 U	23 U	23 U	23 U	25 U	24 U
124-48-1	Dibromochloromethane	ug/Kg	3.2 U	3.2 U	3.2 U	3.2 U	3.5 U	3.3 U
106-93-4	1,2-Dibromoethane	ug/Kg	3.8 U	3.8 U	3.8 U	3.8 U	4.1 U	3.9 U
127-18-4	Tetrachloroethene	ug/Kg	5.9 U	5.9 U	6 U	6 U	6.5 U	6.2 U
108-90-7	Chlorobenzene	ug/Kg	2.9 U	2.9 U	3 U	3 U	3.2 U	3 U
100-41-4	Ethyl Benzene	ug/Kg	39000	3.6 U	100000	41 J	4 U	8700
136777-61-2	m/p-Xylenes	ug/Kg	8900	4.2 U	100000	40 J	4.6 U	2400
1330-20-7	o-Xylene	ug/Kg	12000 J	4 U	56000 J	31 J	4.4 U	2900
100-42-5	Styrene	ug/Kg	2.6 U	2.6 U	390 J	2.7 U	2.9 U	2.7 U
75-25-2	Bromoform	ug/Kg	4.4 U	4.4 U	4.4 U	4.4 U	4.7 U	4.5 U
98-82-8	Isopropylbenzene	ug/Kg	15000	2.8 U	13000	41 J	3.1 U	1600
79-34-5	1,1,2,2-Tetrachloroethane	ug/Kg	2.7 U	2.7 U	2.7 UJ	2.7 U	2.9 U	2.8 U
541-73-1	1,3-Dichlorobenzene	ug/Kg	2.2 U	2.2 U	2.2 UJ	2.2 U	2.4 U	2.3 U
106-46-7	1,4-Dichlorobenzene	ug/Kg	2.4 U	2.4 U	2.4 U	2.4 UJ	2.6 U	2.5 U
95-50-1	1,2-Dichlorobenzene	ug/Kg	3.6 U	3.6 U	3.7 U	3.7 U	4 U	3.8 U
96-12-8	1,2-Dibromo-3-Chloropropane	ug/Kg	5.1 U	5.1 U	5.2 UJ	5.2 U	5.6 U	5.3 U
120-82-1	1,2,4-Trichlorobenzene	ug/Kg	4.1 UJ	4.1 UJ	4.2 UJ	4.2 UJ	4.5 UJ	4.3 UJ
	SEMIVOLATILES							
100-52-7	Benzaldehyde	ug/Kg	200 U	20 U	410 U	21 U	22 U	21 U
108-95-2	Phenol	ug/Kg	90 U	9 U	180 U	9.1 U	9.9 U	9.4 U
95-57-8	2-Chlorophenol	ug/Kg	210 U	21 U	420 U	21 U	23 U	21 U
50-32-8	2-Methylphenol	ug/Kg	210 U	21 U	430 U	22 U	23 U	22 U
108-60-1	2,2-oxybis(1-Chloropropane)	ug/Kg	160 U	16 U	330 U	16 U	18 U	17 U
98-86-2	Acetophenone	ug/Kg	120 U	12 U	240 U	12 U	13 U	12 U
87-86-5	3+4-Methylphenols	ug/Kg	200 U	20 U	410 U	21 U	22 U	21 U
621-64-7	N-Nitroso-di-n-propylamine	ug/Kg	200 U	20 U	400 U	20 U	22 U	20 U
67-72-1	Hexachloroethane	ug/Kg	170 U	18 U	350 U	18 U	19 U	18 U
98-95-3	Nitrobenzene	ug/Kg	150 U	15 U	300 U	15 U	16 U	15 U
78-59-1	Isophorone	ug/Kg	130 U	13 U	260 U	13 U	14 U	13 U
88-75-5	2-Nitrophenol	ug/Kg	190 U	19 U	380 U	19 U	21 U	20 U
105-67-9	2,4-Dimethylphenol	ug/Kg	220 U	22 U	450 U	22 U	24 U	23 U
111-91-1	bis(2-Chloroethoxy)methane	ug/Kg	230 U	23 U	460 U	23 U	25 U	23 U
120-83-2	2,4-Dichlorophenol	ug/Kg	150 U	15 U	300 U	15 U	16 U	15 U
91-20-3	Naphthalene	ug/Kg	780000	630	100000	14 U	87 J	15000
106-47-8	4-Chloroaniline	ug/Kg	280 U	28 U	560 U	28 U	30 U	29 U
87-68-3	Hexachlorobutadiene	ug/Kg	140 U	14 U	290 U	14 U	15 U	15 U
105-60-2	Caprolactam	ug/Kg	180 U	18 U	370 U	18 U	20 U	19 U
111-44-4	bis(2-Chloroethyl)ether	ug/Kg	190 U	19 U	380 U	19 U	20 U	19 U

Consolidated Edison Farrington Street Validated Soil Analytical Data SDG: A2710		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	MW-16(14-16) A2710-04	MW-16(28-30) A2710-05	MW-16(8-10) A2710-06	MW-17(14-16) A2710-01	MW-17(22-24) A2710-02	MW-18(14-16) A2710-09
CAS NO.	COMPOUND	UNITS:						
	SEMIVOLATILES							
59-50-7	4-Chloro-3-methylphenol	ug/Kg	170 U	17 U	350 U	18 U	19 U	18 U
91-57-6	2-Methylnaphthalene	ug/Kg	460000	430	81000	10 U	11 U	3900
77-47-4	Hexachlorocyclopentadiene	ug/Kg	95 U	9.5 U	190 U	9.6 U	10 U	9.9 U
88-06-2	2,4,6-Trichlorophenol	ug/Kg	120 U	12 U	240 U	12 U	13 U	12 U
95-95-4	2,4,5-Trichlorophenol	ug/Kg	270 U	27 U	560 U	28 U	30 U	28 U
92-52-4	1,1-Biphenyl	ug/Kg	21000	15 U	4800 J	15 U	16 U	570
91-58-7	2-Chloronaphthalene	ug/Kg	89 U	8.9 U	180 U	9 U	9.7 U	9.2 U
621-64-7	2-Nitroaniline	ug/Kg	170 U	17 U	350 U	18 U	19 U	18 U
131-11-3	Dimethylphthalate	ug/Kg	110 U	390 U	210 U	11 U	420 U	400 U
208-96-8	Acenaphthylene	ug/Kg	9400	9.9 U	3700 J	10 U	53 J	330 J
606-20-2	2,6-Dinitrotoluene	ug/Kg	160 U	16 U	320 U	16 U	17 U	17 U
621-64-7	3-Nitroaniline	ug/Kg	250 U	25 U	510 U	25 U	27 U	26 U
83-32-9	Acenaphthene	ug/Kg	87000	160 J	3700 J	2000	150 J	2100
51-28-5	2,4-Dinitrophenol	ug/Kg	400 U	40 U	800 U	40 U	43 U	41 U
100-02-7	4-Nitrophenol	ug/Kg	730 U	73 U	1500 U	74 U	79 U	75 U
132-64-9	Dibenzofuran	ug/Kg	150 U	15 U	1500 J	15 U	47 J	16 U
121-14-2	2,4-Dinitrotoluene	ug/Kg	120 U	12 U	240 U	12 U	13 U	12 U
84-66-2	Diethylphthalate	ug/Kg	61 U	6.1 U	120 U	6.2 U	6.7 U	6.3 U
7005-72-3	4-Chlorophenyl-phenylether	ug/Kg	210 U	21 U	430 U	22 U	23 U	22 U
86-73-7	Fluorene	ug/Kg	50000	95 J	5700 J	2400 J	110 J	1400
621-64-7	4-Nitroaniline	ug/Kg	510 U	51 U	1000 U	52 U	56 U	53 U
534-52-1	4,6-Dinitro-2-methylphenol	ug/Kg	220 U	22 U	450 U	23 U	24 U	23 U
86-30-6	N-Nitrosodiphenylamine	ug/Kg	94 U	9.4 U	190 U	9.5 U	10 U	9.7 U
101-55-3	4-Bromophenyl-phenylether	ug/Kg	76 U	7.6 U	150 U	7.7 U	8.3 U	7.9 U
118-74-1	Hexachlorobenzene	ug/Kg	160 U	16 U	320 U	16 U	17 U	17 U
1912-24-9	Atrazine	ug/Kg	210 U	21 U	420 U	21 U	23 U	21 U
87-86-5	Pentachlorophenol	ug/Kg	270 U	27 U	540 U	27 U	29 U	28 U
85-01-8	Phenanthrene	ug/Kg	200000	310 J	14000	4100	260 J	7300
120-12-7	Anthracene	ug/Kg	40000	89 J	3300 J	1700	110 J	3000
86-74-8	Carbazole	ug/Kg	86 U	8.6 U	170 U	8.7 U	9.3 U	8.9 U
84-74-2	Di-n-butylphthalate	ug/Kg	310 U	31 U	620 U	31 U	34 U	32 U
206-44-0	Fluoranthene	ug/Kg	51000	120 J	4600 J	1600	170 J	1700
129-00-0	Pyrene	ug/Kg	61000	150 J	5900 J	2200	220 J	4000
85-68-7	Butylbenzylphthalate	ug/Kg	190 U	19 U	380 U	19 U	20 U	19 U
91-94-1	3,3-Dichlorobenzidine	ug/Kg	250 U	25 U	510 U	25 U	27 U	26 U
120-12-7	Benzo(a)anthracene	ug/Kg	27000	66 J	2200 J	960	120 J	2100
218-01-9	Chrysene	ug/Kg	23000	56 J	2200 J	830	91 J	1800

Consolidated Edison Farrington Street Validated Soil Analytical Data SDG: A2710		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	MW-16(14-16) A2710-04	MW-16(28-30) A2710-05	MW-16(8-10) A2710-06	MW-17(14-16) A2710-01	MW-17(22-24) A2710-02	MW-18(14-16) A2710-09
CAS NO.	COMPOUND	UNITS:						
	SEMIVOLATILES							
117-81-7	Bis(2-ethylhexyl)phthalate	ug/Kg	140 U	86 J	280 U	14 U	67 J	14 U
117-84-0	Di-n-octyl phthalate	ug/Kg	45 U	4.5 U	90 U	4.5 U	4.9 U	4.6 U
205-99-2	Benzo(b)fluoranthene	ug/Kg	14000	13 U	1600 J	620	89 J	570
207-08-9	Benzo(k)fluoranthene	ug/Kg	4600	18 U	370 U	220 J	20 U	160 J
50-32-8	Benzo(a)pyrene	ug/Kg	17000	40 J	1500 J	610	73 J	510
193-39-5	Indeno(1,2,3-cd)pyrene	ug/Kg	5900	13 U	850 J	230 J	14 U	120 J
53-70-3	Dibenz(a,h)anthracene	ug/Kg	1700 J	11 U	230 U	97 J	12 U	68 J
191-24-2	Benzo(g,h,i)perylene	ug/Kg	6900	16 U	1000 J	280 J	17 U	190 J
	INORGANICS							
7429-90-5	Aluminum	mg/Kg	3030	2820	7110	5840	6680	13400
7440-36-0	Antimony	mg/Kg	0.43 U	0.44 U	0.87 J	0.45 U	0.48 U	0.54 J
7440-38-2	Arsenic	mg/Kg	0.97	0.26 U	25.7	0.99	0.28 U	0.75 J
7440-39-3	Barium	mg/Kg	27.8	32.3	109	50.1	76.7	169
7440-41-7	Beryllium	mg/Kg	0.11 J	0.14 J	0.32	0.21 J	0.28	0.46
7440-43-9	Cadmium	mg/Kg	0.21 J	0.2 J	1.95	0.32	0.49	1.31
7440-70-2	Calcium	mg/Kg	1440	740	10200	1630	1150	926
7440-47-3	Chromium	mg/Kg	10.9	13.7	24.5	17.8	22.9	32
7440-48-4	Cobalt	mg/Kg	3.82	4.6	5.38	11.7	6.93	10.6
7440-50-8	Copper	mg/Kg	10.3	10.4	36	13	13.1	18.7
7439-89-6	Iron	mg/Kg	10500	12300	38600	10300	18100	31700
7439-92-1	Lead	mg/Kg	10.8	2.32	250	15	3.24	4.48
7439-95-4	Magnesium	mg/Kg	1950	1420	3090	2430	2900	5460
7439-96-5	Manganese	mg/Kg	76.6	128	149	82.9	245	222
7439-97-6	Mercury	mg/Kg	0.003 J	0.002 U	0.083	0.008 J	0.007 J	0.002 U
7440-02-0	Nickel	mg/Kg	14.3	13.7	14.3	35.8	22.4	25
7440-09-7	Potassium	mg/Kg	1040	1180	2320	1420	2470	6680
7782-49-2	Selenium	mg/Kg	1.18 U	1.18 U	1.39 U	0.81 U	1.29 U	1.21 U
7440-22-4	Silver	mg/Kg	0.12 U	0.12 U	0.15 J	0.12 U	0.13 U	0.12 U
7440-23-5	Sodium	mg/Kg	138	383	310	126	156	185
7440-28-0	Thallium	mg/Kg	0.21 U	0.21 U	0.21 U	0.21 U	0.23 U	0.22 U
7440-62-2	Vanadium	mg/Kg	13.1	15	37.1	18.5	28.5	46
7440-66-6	Zinc	mg/Kg	30.3	18.3	179	129	32.9	65.7
57-12-5	Cyanide	mg/Kg	0.58 U	0.59 U	1.07	0.59 U	0.64 U	0.6 U

Consolidated Edison Farrington Street Validated Soil Analytical Data SDG: A2752		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	MW-14(14-16) A2752-05 Chemtech A2752 SOIL 5/14/2009 6/4/2009	MW-14(24-26) A2752-08 Chemtech A2752 SOIL 5/14/2009 6/4/2009	MW-20(14-16) A2752-01 Chemtech A2752 SOIL 5/13/2009 6/4/2009	MW-20(14-16)DUP A2752-02 Chemtech A2752 SOIL 5/13/2009 6/4/2009	MW-20(22-24) A2752-03 Chemtech A2752 SOIL 5/13/2009 6/4/2009	051309FB A2752-04 Chemtech A2752 WATER 5/13/2009 6/4/2009	051409FB A2752-09 Chemtech A2752 WATER 5/14/2009 6/4/2009
CAS NO.	COMPOUND	UNITS:						ug/L	ug/L
	VOLATILES								
75-71-8	Dichlorodifluoromethane	ug/Kg	130 U	3.9 U	4.2 U	4.1 U	3.8 U	0.55 U	0.55 U
74-87-3	Chloromethane	ug/Kg	54 U	5.1 U	5.6 U	5.4 U	5 U	0.54 U	0.54 U
75-01-4	Vinyl chloride	ug/Kg	44 U	7.3 U	8 UJ	7.8 UJ	7.2 UJ	0.34 U	0.34 U
74-83-9	Bromomethane	ug/Kg	200 U	15 U	16 U	16 U	14 U	0.62 U	0.62 U
75-00-3	Chloroethane	ug/Kg	120 U	8.3 U	9.1 U	8.9 U	8.1 U	0.66 U	0.66 U
75-69-4	Trichlorofluoromethane	ug/Kg	77 U	7.9 U	8.6 U	8.4 U	7.7 U	0.35 U	0.35 U
76-13-1	1,1,2-Trichlorotrifluoroethane	ug/Kg	89 U	7.9 U	8.6 U	8.4 U	7.7 U	0.45 U	0.45 U
75-35-4	1,1-Dichloroethene	ug/Kg	97 U	8.8 U	9.5 U	9.3 U	8.5 U	0.47 U	0.47 U
67-64-1	Acetone	ug/Kg	310 U	18 U	20 U	19 U	18 U	2.8 U	2.8 U
75-15-0	Carbon Disulfide	ug/Kg	29 U	6.3 U	6.9 U	6.7 U	6.2 U	0.54 U	0.54 U
1634-04-4	Methyl tert-butyl Ether	ug/Kg	33 U	5.7 U	6.2 U	6.1 U	5.6 U	0.35 U	0.35 U
79-20-9	Methyl Acetate	ug/Kg	65 UJ	9 U	9.8 U	9.6 U	8.8 U	0.83 U	0.83 U
75-09-2	Methylene Chloride	ug/Kg	55 U	8.5 U	9.2 U	9 U	8.3 U	0.41 U	0.41 U
156-60-5	trans-1,2-Dichloroethene	ug/Kg	64 U	4.1 U	4.5 U	4.4 U	4 U	0.41 U	0.41 U
75-34-3	1,1-Dichloroethane	ug/Kg	70 U	5.6 U	6.1 U	5.9 U	5.5 U	0.36 U	0.36 U
110-82-7	Cyclohexane	ug/Kg	440 J	6 U	6.6 U	6.4 U	5.9 U	0.55 U	0.55 U
78-93-3	2-Butanone	ug/Kg	280 U	19 U	20 U	20 U	18 U	1.3 U	1.3 U
56-23-5	Carbon Tetrachloride	ug/Kg	39 U	5.9 U	6.4 U	6.3 U	5.8 U	0.62 U	0.62 U
156-59-2	cis-1,2-Dichloroethene	ug/Kg	100 U	5.3 U	5.8 U	5.6 U	5.2 U	0.35 U	0.35 U
67-66-3	Chloroform	ug/Kg	65 U	4.4 U	4.8 U	4.7 U	4.3 U	0.34 U	0.34 U
71-55-6	1,1,1-Trichloroethane	ug/Kg	57 U	5.2 U	5.7 U	5.6 U	5.1 U	0.4 U	0.4 U
108-87-2	Methylcyclohexane	ug/Kg	1900	6.3 U	6.9 U	6.7 U	6.2 U	0.68 U	0.68 U
71-43-2	Benzene	ug/Kg	51 U	2.3 U	2.5 U	2.4 U	2.2 U	0.32 U	0.32 U
107-06-2	1,2-Dichloroethane	ug/Kg	60 U	3.8 U	4.2 U	4.1 U	3.7 U	0.48 U	0.48 U
79-01-6	Trichloroethene	ug/Kg	49 U	5.1 U	5.6 U	5.4 U	5 U	0.28 U	0.28 U
78-87-5	1,2-Dichloropropane	ug/Kg	67 U	1.5 U	1.7 U	1.6 U	1.5 U	0.46 U	0.46 U
75-27-4	Bromodichloromethane	ug/Kg	33 U	3.7 U	4 U	3.9 U	3.6 U	0.36 U	0.36 U
108-10-1	4-Methyl-2-Pentanone	ug/Kg	260 U	17 UJ	19 U	18 U	17 U	2.1 U	2.1 U
108-88-3	Toluene	ug/Kg	23 U	3.8 U	4.2 U	4.1 U	3.7 U	0.37 U	0.37 U
10061-02-6	t-1,3-Dichloropropene	ug/Kg	45 U	4.7 U	5.1 U	5 U	4.6 U	0.29 U	0.29 U
10061-01-5	cis-1,3-Dichloropropene	ug/Kg	42 U	4.3 U	4.7 U	4.6 U	4.2 U	0.31 U	0.31 U
79-00-5	1,1,2-Trichloroethane	ug/Kg	47 U	5.4 U	5.8 U	5.7 U	5.2 U	0.38 U	0.38 U
591-78-6	2-Hexanone	ug/Kg	260 U	23 U	25 U	25 U	23 U	1.9 U	1.9 U
124-48-1	Dibromochloromethane	ug/Kg	33 U	3.2 U	3.5 U	3.4 U	3.1 U	0.52 U	0.52 U
106-93-4	1,2-Dibromoethane	ug/Kg	38 UJ	3.8 U	4.2 U	4.1 U	3.7 U	0.41 U	0.41 U
127-18-4	Tetrachloroethene	ug/Kg	140 U	6 U	6.6 U	6.4 U	5.9 U	0.27 U	0.27 U
108-90-7	Chlorobenzene	ug/Kg	41 U	3 U	3.2 U	3.2 U	2.9 U	0.49 U	0.49 U
100-41-4	Ethyl Benzene	ug/Kg	150000	3.7 U	4 U	3.9 U	3.6 U	0.53 U	0.53 U
136777-61-2	m/p-Xylenes	ug/Kg	2400	4.3 U	4.7 U	4.6 U	4.2 U	0.95 U	0.95 U
1330-20-7	o-Xylene	ug/Kg	19000	4 U	4.4 U	4.3 U	4 U	0.43 U	0.43 U
100-42-5	Styrene	ug/Kg	28 U	2.7 U	2.9 U	2.8 U	2.6 U	0.36 U	0.36 U
75-25-2	Bromoform	ug/Kg	64 UJ	4.4 U	4.8 U	4.7 U	4.3 U	0.47 U	0.47 U
98-82-8	Isopropylbenzene	ug/Kg	17000	2.9 U	3.1 U	3 U	2.8 U	0.45 U	0.45 U
79-34-5	1,1,2,2-Tetrachloroethane	ug/Kg	54 UJ	2.7 U	3 U	2.9 U	2.7 U	0.31 U	0.31 U

Consolidated Edison Farrington Street Validated Soil Analytical Data SDG: A2752		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	MW-14(14-16) A2752-05 Chemtech A2752 SOIL 5/14/2009 6/4/2009	MW-14(24-26) A2752-08 Chemtech A2752 SOIL 5/14/2009 6/4/2009	MW-20(14-16) A2752-01 Chemtech A2752 SOIL 5/13/2009 6/4/2009	MW-20(14-16)DUP A2752-02 Chemtech A2752 SOIL 5/13/2009 6/4/2009	MW-20(22-24) A2752-03 Chemtech A2752 SOIL 5/13/2009 6/4/2009	051309FB A2752-04 Chemtech A2752 WATER 5/13/2009 6/4/2009	051409FB A2752-09 Chemtech A2752 WATER 5/14/2009 6/4/2009
CAS NO.	COMPOUND	UNITS:						ug/L	ug/L
	VOLATILES								
541-73-1	1,3-Dichlorobenzene	ug/Kg	41 U	2.2 U	2.4 U	2.3 U	2.2 U	0.43 U	0.43 U
106-46-7	1,4-Dichlorobenzene	ug/Kg	32 U	2.4 U	2.7 U	2.6 U	2.4 U	0.32 U	0.32 U
95-50-1	1,2-Dichlorobenzene	ug/Kg	58 UJ	3.7 U	4 U	3.9 U	3.6 U	0.45 U	0.45 U
96-12-8	1,2-Dibromo-3-Chloropropane	ug/Kg	84 U	5.2 U	5.6 U	5.5 U	5.1 U	0.46 U	0.46 U
120-82-1	1,2,4-Trichlorobenzene	ug/Kg	57 U	4.2 UJ	4.5 UJ	4.4 UJ	4.1 UJ	0.62 U	0.62 U
	SEMIVOLATILES								
100-52-7	Benzaldehyde	ug/Kg	400 U	21 U	23 U	22 U	20 U	0.96 U	1.1 U
108-95-2	Phenol	ug/Kg	180 U	9.2 U	10 U	9.7 U	8.9 U	0.26 U	0.29 U
95-57-8	2-Chlorophenol	ug/Kg	410 U	21 U	23 U	22 U	20 U	0.68 U	0.74 U
50-32-8	2-Methylphenol	ug/Kg	420 U	22 U	23 U	23 U	21 U	0.3 U	0.33 U
108-60-1	2,2-oxybis(1-Chloropropane)	ug/Kg	320 U	16 U	18 U	17 U	16 U	0.21 U	0.23 U
98-86-2	Acetophenone	ug/Kg	240 U	12 U	13 U	13 U	12 U	0.18 U	0.19 U
87-86-5	3+4-Methylphenols	ug/Kg	400 U	21 U	22 U	22 U	20 U	0.48 U	0.52 U
621-64-7	N-Nitroso-di-n-propylamine	ug/Kg	390 U	20 U	22 U	21 U	19 U	0.25 U	0.27 U
67-72-1	Hexachloroethane	ug/Kg	350 U	18 U	19 U	19 U	17 U	0.31 U	0.34 U
98-95-3	Nitrobenzene	ug/Kg	290 U	15 U	16 U	16 U	15 U	0.85 U	0.93 U
78-59-1	Isophorone	ug/Kg	260 U	13 U	14 U	14 U	13 U	0.38 U	0.41 U
88-75-5	2-Nitrophenol	ug/Kg	370 U	19 U	21 U	20 U	19 U	0.65 U	0.71 U
105-67-9	2,4-Dimethylphenol	ug/Kg	440 U	22 U	24 U	24 U	22 U	0.89 U	0.97 U
111-91-1	bis(2-Chloroethoxy)methane	ug/Kg	450 U	23 U	25 U	24 U	22 U	0.69 U	0.75 U
120-83-2	2,4-Dichlorophenol	ug/Kg	290 U	15 U	16 U	16 U	15 U	0.82 U	0.9 U
91-20-3	Naphthalene	ug/Kg	550000	14 U	15 U	15 U	13 U	0.15 U	0.16 U
106-47-8	4-Chloroaniline	ug/Kg	550 U	28 U	30 U	30 U	27 U	3.6 U	3.9 U
87-68-3	Hexachlorobutadiene	ug/Kg	280 U	14 U	16 U	15 U	14 U	0.31 U	0.34 U
105-60-2	Caprolactam	ug/Kg	360 UJ	18 UJ	20 UJ	20 U	18 UJ	5.6 U	6.1 U
111-44-4	bis(2-Chloroethyl)ether	ug/Kg	370 U	19 U	21 U	20 U	19 U	0.69 U	0.75 U
59-50-7	4-Chloro-3-methylphenol	ug/Kg	340 U	18 U	19 U	19 U	17 U	0.5 U	0.55 U
91-57-6	2-Methylnaphthalene	ug/Kg	260000	10 U	11 U	11 U	9.7 U	0.4 U	0.44 U
77-47-4	Hexachlorocyclopentadiene	ug/Kg	190 U	9.6 UJ	10 U	10 U	9.4 U	0.3 U	0.33 U
88-06-2	2,4,6-Trichlorophenol	ug/Kg	240 U	12 U	13 U	13 U	12 U	0.7 U	0.77 U
95-95-4	2,4,5-Trichlorophenol	ug/Kg	540 U	28 U	30 U	30 U	27 U	0.5 U	0.55 U
92-52-4	1,1-Biphenyl	ug/Kg	15000	15 U	16 U	16 U	15 U	0.19 U	0.21 U
91-58-7	2-Chloronaphthalene	ug/Kg	180 U	9 U	9.8 U	9.6 U	8.8 U	0.2 U	0.22 U
621-64-7	2-Nitroaniline	ug/Kg	340 U	18 U	19 U	19 U	17 U	0.61 U	0.67 U
131-11-3	Dimethylphthalate	ug/Kg	210 U	390 U	430 U	11 U	380 U	0.28 U	0.3 U
208-96-8	Acenaphthylene	ug/Kg	12000	49 J	11 U	11 U	9.7 U	0.88 U	0.96 U
606-20-2	2,6-Dinitrotoluene	ug/Kg	320 U	16 U	18 U	17 U	16 U	0.4 U	0.44 U
621-64-7	3-Nitroaniline	ug/Kg	500 U	25 U	28 U	27 U	25 U	1.4 U	1.5 U
83-32-9	Acenaphthene	ug/Kg	110000	170 J	12 U	12 U	11 U	0.26 U	0.29 U
51-28-5	2,4-Dinitrophenol	ug/Kg	790 U	40 U	44 U	43 U	39 U	2.6 U	2.9 U
100-02-7	4-Nitrophenol	ug/Kg	1400 U	74 U	80 U	78 U	72 U	15 U	16 U
132-64-9	Dibenzofuran	ug/Kg	9000	15 UJ	17 U	16 U	15 U	0.3 U	0.33 U
121-14-2	2,4-Dinitrotoluene	ug/Kg	230 U	12 U	13 U	13 U	12 U	1.3 U	1.4 U

Consolidated Edison Farrington Street Validated Soil Analytical Data SDG: A2752		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	MW-14(14-16) A2752-05 Chemtech A2752 SOIL 5/14/2009 6/4/2009	MW-14(24-26) A2752-08 Chemtech A2752 SOIL 5/14/2009 6/4/2009	MW-20(14-16) A2752-01 Chemtech A2752 SOIL 5/13/2009 6/4/2009	MW-20(14-16)DUP A2752-02 Chemtech A2752 SOIL 5/13/2009 6/4/2009	MW-20(22-24) A2752-03 Chemtech A2752 SOIL 5/13/2009 6/4/2009	051309FB A2752-04 Chemtech A2752 WATER 5/13/2009 6/4/2009	051409FB A2752-09 Chemtech A2752 WATER 5/14/2009 6/4/2009
CAS NO.	COMPOUND	UNITS:						ug/L	ug/L
	SEMIVOLATILES								
84-66-2	Diethylphthalate	ug/Kg	120 U	6.2 U	6.7 U	6.6 U	6 U	0.48 U	0.52 U
7005-72-3	4-Chlorophenyl-phenylether	ug/Kg	420 U	22 U	23 U	23 U	21 U	0.26 U	0.29 U
86-73-7	Fluorene	ug/Kg	53000	56 J	16 U	16 U	15 U	0.39 U	0.42 U
621-64-7	4-Nitroaniline	ug/Kg	1000 U	52 U	56 U	55 U	50 U	1.7 U	1.9 U
534-52-1	4,6-Dinitro-2-methylphenol	ug/Kg	440 U	23 U	25 U	24 U	22 U	0.92 U	1 U
86-30-6	N-Nitrosodiphenylamine	ug/Kg	190 U	9.5 U	10 U	10 U	9.3 U	0.75 U	0.82 U
101-55-3	4-Bromophenyl-phenylether	ug/Kg	150 U	7.7 U	8.4 U	8.2 U	7.5 U	0.29 U	0.32 U
118-74-1	Hexachlorobenzene	ug/Kg	320 U	16 U	18 U	17 U	16 U	0.22 U	0.25 U
1912-24-9	Atrazine	ug/Kg	410 U	21 U	23 U	22 U	20 U	0.5 U	0.55 U
87-86-5	Pentachlorophenol	ug/Kg	530 U	27 U	30 U	29 U	26 U	2.2 U	2.4 U
85-01-8	Phenanthrene	ug/Kg	180000	160 J	12 U	11 U	10 U	0.32 U	0.36 U
120-12-7	Anthracene	ug/Kg	46000	63 J	8.8 U	8.6 U	7.9 U	0.2 U	0.22 U
86-74-8	Carbazole	ug/Kg	170 U	8.7 U	9.5 U	9.2 U	8.5 U	0.28 U	0.3 U
84-74-2	Di-n-butylphthalate	ug/Kg	610 U	31 U	34 U	33 U	30 U	3 U	3.3 U
206-44-0	Fluoranthene	ug/Kg	53000	370 J	8.7 U	8.5 U	7.8 U	0.5 U	0.55 U
129-00-0	Pyrene	ug/Kg	78000	590	10 U	10 U	9.3 U	0.25 U	0.27 U
85-68-7	Butylbenzylphthalate	ug/Kg	370 U	19 U	21 U	20 U	19 U	0.24 U	0.26 U
91-94-1	3,3-Dichlorobenzidine	ug/Kg	500 U	25 U	28 U	27 U	25 U	8.7 U	9.5 U
120-12-7	Benzo(a)anthracene	ug/Kg	35000	230 J	21 U	20 U	18 U	0.2 U	0.22 U
218-01-9	Chrysene	ug/Kg	33000	210 J	20 U	19 U	17 U	0.22 U	0.25 U
117-81-7	Bis(2-ethylhexyl)phthalate	ug/Kg	270 U	14 U	15 U	15 U	14 U	0.2 U	0.22 U
117-84-0	Di-n-octyl phthalate	ug/Kg	88 U	4.5 U	4.9 U	4.8 U	4.4 U	0.64 U	0.7 U
205-99-2	Benzo(b)fluoranthene	ug/Kg	21000	120 J	14 U	14 U	13 U	0.36 U	0.4 U
207-08-9	Benzo(k)fluoranthene	ug/Kg	8600	55 J	20 U	20 U	18 U	0.22 U	0.25 U
50-32-8	Benzo(a)pyrene	ug/Kg	24000	150 J	9.3 U	9.1 U	8.3 U	0.18 U	0.19 U
193-39-5	Indeno(1,2,3-cd)pyrene	ug/Kg	6200 J	13 U	14 U	14 U	13 U	0.19 U	0.21 U
53-70-3	Dibenz(a,h)anthracene	ug/Kg	2300 J	11 U	12 U	12 U	11 U	0.52 U	0.58 U
191-24-2	Benzo(g,h,i)perylene	ug/Kg	9100	57 J	17 U	17 U	16 U	0.36 U	0.4 U

Consolidated Edison Farrington Street Validated Soil Analytical Data SDG: A2752		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	MW-14(14-16) A2752-05 Chemtech A2752 SOIL 5/14/2009 6/4/2009	MW-14(24-26) A2752-08 Chemtech A2752 SOIL 5/14/2009 6/4/2009	MW-20(14-16) A2752-01 Chemtech A2752 SOIL 5/13/2009 6/4/2009	MW-20(14-16)DUP A2752-02 Chemtech A2752 SOIL 5/13/2009 6/4/2009	MW-20(22-24) A2752-03 Chemtech A2752 SOIL 5/13/2009 6/4/2009	051309FB A2752-04 Chemtech A2752 WATER 5/13/2009 6/4/2009	051409FB A2752-09 Chemtech A2752 WATER 5/14/2009 6/4/2009
CAS NO.	COMPOUND	UNITS:						ug/L	ug/L
	INORGANICS								
7429-90-5	Aluminum	mg/Kg	4750	2440	3360	3650	2650	12.8 J	11.9 J
7440-36-0	Antimony	mg/Kg	0.43 U	0.44 U	0.48 U	0.47 U	0.43 U	8 U	8 U
7440-38-2	Arsenic	mg/Kg	0.26 U	0.39 J	0.29 U	0.28 U	0.25 U	4.2 U	4.2 U
7440-39-3	Barium	mg/Kg	60	22.6	46.7	49.3	34.3	4 U	4 U
7440-41-7	Beryllium	mg/Kg	0.21 J	0.18 J	0.15 J	0.15 J	0.11 J	0.7 U	0.7 U
7440-43-9	Cadmium	mg/Kg	0.35	0.25	0.11 J	0.13 J	0.1 J	0.5 U	0.5 U
7440-70-2	Calcium	mg/Kg	1830	958	1070	1040	777	692 J	970 J
7440-47-3	Chromium	mg/Kg	17.1	12.5	11.2	11.7	9.43	1.1 U	1.1 U
7440-48-4	Cobalt	mg/Kg	6.96	5.54	4.32	4.62	3.45	5.8 U	5.8 U
7440-50-8	Copper	mg/Kg	12.8	26.3	13.4	12.7	12.2	6.6 U	6.6 U
7439-89-6	Iron	mg/Kg	13700	15300	12100	11800	9940	19.3 J	34.6 J
7439-92-1	Lead	mg/Kg	4.31	2.36	2.26	2.77	10.2	2.6 U	2.6 U
7439-95-4	Magnesium	mg/Kg	2110	963	1550	1670	1200	49 J	73.4 J
7439-96-5	Manganese	mg/Kg	208	226	215	230	136	2.07 J	1.7 U
7439-97-6	Mercury	mg/Kg	0.013	0.004 J	0.003 U	0.003 U	0.004 J	0.09 U	0.09 U
7440-02-0	Nickel	mg/Kg	19.4	16.7	9.09	9.17	8.68	4.2 U	4.2 U
7440-09-7	Potassium	mg/Kg	1960	744	1440	1620	1070	283 J	315 J
7782-49-2	Selenium	mg/Kg	0.91	0.93	1.3 U	1.3 U	1.2 U	10.5	9.24 J
7440-22-4	Silver	mg/Kg	0.12 U	0.12 U	0.15 J	0.13 U	0.12 U	1.5 U	1.5 U
7440-23-5	Sodium	mg/Kg	145	170	160	194	147	281 J	365 J
7440-28-0	Thallium	mg/Kg	0.21 U	0.21 U	0.23 U	0.23 U	0.21 U	2.4 U	2.4 U
7440-62-2	Vanadium	mg/Kg	19.2	18.6	13.6	14.3	11.1	6.1 U	6.1 U
7440-66-6	Zinc	mg/Kg	24	17.1	20.8	21.5	21.4	10.9 J	9.65 J
57-12-5	Cyanide	mg/Kg	0.633 U	0.59 U	0.64 U	0.63 U	0.57 U	10 U	10 U

Consolidated Edison Farrington Street Validated Soil Analytical Data SDG: A2785		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	SB-22(16-18) A2785-01 Chemtech A2785 SOIL 5/15/2009 6/5/2009	SB-22(26-28) A2785-02 Chemtech A2785 SOIL 5/15/2009 6/5/2009	051509-FB A2785-03 Chemtech A2785 WATER 5/15/2009 6/5/2009
CAS NO.	COMPOUND	UNITS:			ug/L
	VOLATILES				
75-71-8	Dichlorodifluoromethane	ug/Kg	3.8 U	3.8 U	0.55 U
74-87-3	Chloromethane	ug/Kg	5.1 U	5.1 U	0.54 U
75-01-4	Vinyl chloride	ug/Kg	7.2 U	7.2 U	0.34 U
74-83-9	Bromomethane	ug/Kg	14 U	14 U	0.62 U
75-00-3	Chloroethane	ug/Kg	8.2 U	8.2 U	0.66 UJ
75-69-4	Trichlorofluoromethane	ug/Kg	7.8 U	7.8 U	0.35 U
76-13-1	1,1,2-Trichlorotrifluoroethane	ug/Kg	7.8 U	7.8 U	0.45 U
75-35-4	1,1-Dichloroethene	ug/Kg	8.6 U	8.6 U	0.47 U
67-64-1	Acetone	ug/Kg	R	R	2.8 U
75-15-0	Carbon Disulfide	ug/Kg	6.2 U	6.2 U	0.54 U
1634-04-4	Methyl tert-butyl Ether	ug/Kg	5.6 U	5.6 U	0.35 UJ
79-20-9	Methyl Acetate	ug/Kg	8.9 U	8.9 U	0.83 U
75-09-2	Methylene Chloride	ug/Kg	8.4 U	8.4 U	0.41 U
156-60-5	trans-1,2-Dichloroethene	ug/Kg	4.1 U	4.1 U	0.41 U
75-34-3	1,1-Dichloroethane	ug/Kg	5.5 U	5.5 U	0.36 U
110-82-7	Cyclohexane	ug/Kg	1200 J	5.9 U	0.55 U
78-93-3	2-Butanone	ug/Kg	18 U	18 U	1.3 U
56-23-5	Carbon Tetrachloride	ug/Kg	5.8 U	5.8 U	0.62 U
156-59-2	cis-1,2-Dichloroethene	ug/Kg	5.2 U	5.2 U	0.35 U
67-66-3	Chloroform	ug/Kg	4.4 U	4.4 U	0.34 U
71-55-6	1,1,1-Trichloroethane	ug/Kg	5.2 U	5.2 U	0.4 U
108-87-2	Methylcyclohexane	ug/Kg	3700	6.2 U	0.68 U
71-43-2	Benzene	ug/Kg	33000	2.2 U	0.32 U
107-06-2	1,2-Dichloroethane	ug/Kg	3.8 U	3.8 U	0.48 U
79-01-6	Trichloroethene	ug/Kg	5.1 U	5.1 U	0.28 U
78-87-5	1,2-Dichloropropane	ug/Kg	1.5 U	1.5 U	0.46 U
75-27-4	Bromodichloromethane	ug/Kg	3.6 U	3.6 U	0.36 U
108-10-1	4-Methyl-2-Pentanone	ug/Kg	17 U	17 U	2.1 U
108-88-3	Toluene	ug/Kg	340 J	3.8 U	0.37 U
10061-02-6	t-1,3-Dichloropropene	ug/Kg	4.6 U	4.6 U	0.29 U
10061-01-5	cis-1,3-Dichloropropene	ug/Kg	4.2 U	4.2 U	0.31 U
79-00-5	1,1,2-Trichloroethane	ug/Kg	5.3 U	5.3 U	0.38 U

Consolidated Edison Farrington Street Validated Soil Analytical Data SDG: A2785		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	SB-22(16-18) A2785-01 Chemtech A2785 SOIL 5/15/2009 6/5/2009	SB-22(26-28) A2785-02 Chemtech A2785 SOIL 5/15/2009 6/5/2009	051509-FB A2785-03 Chemtech A2785 WATER 5/15/2009 6/5/2009 ug/L
CAS NO.	COMPOUND	UNITS:			
	VOLATILES				
591-78-6	2-Hexanone	ug/Kg	23 U	23 U	1.9 U
124-48-1	Dibromochloromethane	ug/Kg	3.2 U	3.2 U	0.52 U
106-93-4	1,2-Dibromoethane	ug/Kg	3.8 U	3.8 U	0.41 U
127-18-4	Tetrachloroethene	ug/Kg	5.9 UJ	5.9 U	0.27 U
108-90-7	Chlorobenzene	ug/Kg	2.9 UJ	2.9 U	0.49 U
100-41-4	Ethyl Benzene	ug/Kg	160000	3.6 U	0.53 U
136777-61-2	m/p-Xylenes	ug/Kg	6700	4.2 U	0.95 U
1330-20-7	o-Xylene	ug/Kg	41000	4 U	0.43 U
100-42-5	Styrene	ug/Kg	2.6 UJ	2.6 U	0.36 U
75-25-2	Bromoform	ug/Kg	4.4 UJ	4.4 U	0.47 U
98-82-8	Isopropylbenzene	ug/Kg	15000	2.8 U	0.45 U
79-34-5	1,1,2,2-Tetrachloroethane	ug/Kg	2.7 UJ	2.7 U	0.31 U
541-73-1	1,3-Dichlorobenzene	ug/Kg	2.2 UJ	2.2 U	0.43 U
106-46-7	1,4-Dichlorobenzene	ug/Kg	2.4 UJ	2.4 U	0.32 U
95-50-1	1,2-Dichlorobenzene	ug/Kg	3.6 UJ	3.6 U	0.45 U
96-12-8	1,2-Dibromo-3-Chloropropane	ug/Kg	5.1 UJ	5.1 U	0.46 U
120-82-1	1,2,4-Trichlorobenzene	ug/Kg	4.1 UJ	4.1 U	0.62 U
	SEMIVOLATILES				
100-52-7	Benzaldehyde	ug/Kg	410 U	20 U	0.96 U
108-95-2	Phenol	ug/Kg	180 U	9 U	0.26 U
95-57-8	2-Chlorophenol	ug/Kg	410 U	21 U	0.68 U
50-32-8	2-Methylphenol	ug/Kg	430 U	21 U	0.3 U
108-60-1	2,2-oxybis(1-Chloropropane)	ug/Kg	320 U	16 U	0.21 U
98-86-2	Acetophenone	ug/Kg	240 U	12 U	0.18 U
87-86-5	3+4-Methylphenols	ug/Kg	410 U	20 U	0.48 U
621-64-7	N-Nitroso-di-n-propylamine	ug/Kg	390 U	20 U	0.25 U
67-72-1	Hexachloroethane	ug/Kg	350 U	17 U	0.31 U
98-95-3	Nitrobenzene	ug/Kg	300 U	15 U	0.85 U
78-59-1	Isophorone	ug/Kg	260 U	13 U	0.38 U
88-75-5	2-Nitrophenol	ug/Kg	380 U	19 U	0.65 U
105-67-9	2,4-Dimethylphenol	ug/Kg	440 U	22 U	0.89 U
111-91-1	bis(2-Chloroethoxy)methane	ug/Kg	450 U	23 U	0.69 U
120-83-2	2,4-Dichlorophenol	ug/Kg	300 U	15 U	0.82 U
91-20-3	Naphthalene	ug/Kg	610000	13 U	0.15 U
106-47-8	4-Chloroaniline	ug/Kg	550 U	28 U	3.6 U
87-68-3	Hexachlorobutadiene	ug/Kg	280 U	14 U	0.31 U
105-60-2	Caprolactam	ug/Kg	360 UJ	18 UJ	5.6 U
111-44-4	bis(2-Chloroethyl)ether	ug/Kg	380 U	19 U	0.69 U
59-50-7	4-Chloro-3-methylphenol	ug/Kg	350 U	17 U	0.5 U

Consolidated Edison Farrington Street Validated Soil Analytical Data SDG: A2785		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	SB-22(16-18) A2785-01 Chemtech A2785 SOIL 5/15/2009 6/5/2009	SB-22(26-28) A2785-02 Chemtech A2785 SOIL 5/15/2009 6/5/2009	051509-FB A2785-03 Chemtech A2785 WATER 5/15/2009 6/5/2009 ug/L
CAS NO.	COMPOUND	UNITS:			
	SEMIVOLATILES				
91-57-6	2-Methylnaphthalene	ug/Kg	290000	9.8 U	0.4 U
77-47-4	Hexachlorocyclopentadiene	ug/Kg	190 U	9.5 U	0.3 U
88-06-2	2,4,6-Trichlorophenol	ug/Kg	240 U	12 U	0.7 U
95-95-4	2,4,5-Trichlorophenol	ug/Kg	550 U	27 U	0.5 U
92-52-4	1,1-Biphenyl	ug/Kg	24000	15 U	0.19 U
91-58-7	2-Chloronaphthalene	ug/Kg	180 U	8.9 U	0.2 U
621-64-7	2-Nitroaniline	ug/Kg	350 U	17 U	0.61 U
131-11-3	Dimethylphthalate	ug/Kg	210 U	390 U	0.28 U
208-96-8	Acenaphthylene	ug/Kg	7500 J	9.8 U	0.88 U
606-20-2	2,6-Dinitrotoluene	ug/Kg	320 U	16 U	0.4 U
621-64-7	3-Nitroaniline	ug/Kg	500 U	25 U	1.4 U
83-32-9	Acenaphthene	ug/Kg	100000	120 J	0.26 U
51-28-5	2,4-Dinitrophenol	ug/Kg	800 U	40 U	2.6 U
100-02-7	4-Nitrophenol	ug/Kg	1500 U	73 U	15 U
132-64-9	Dibenzofuran	ug/Kg	6100 J	15 UJ	0.3 U
121-14-2	2,4-Dinitrotoluene	ug/Kg	240 U	12 U	1.3 U
84-66-2	Diethylphthalate	ug/Kg	120 U	6.1 U	0.48 U
7005-72-3	4-Chlorophenyl-phenylether	ug/Kg	430 U	21 U	0.26 U
86-73-7	Fluorene	ug/Kg	37000	46 J	0.39 U
621-64-7	4-Nitroaniline	ug/Kg	1000 U	51 U	1.7 U
534-52-1	4,6-Dinitro-2-methylphenol	ug/Kg	450 U	22 U	0.92 U
86-30-6	N-Nitrosodiphenylamine	ug/Kg	190 U	9.4 U	0.75 U
101-55-3	4-Bromophenyl-phenylether	ug/Kg	150 U	7.6 U	0.29 U
118-74-1	Hexachlorobenzene	ug/Kg	320 U	16 U	0.22 U
1912-24-9	Atrazine	ug/Kg	410 U	21 U	0.5 U
87-86-5	Pentachlorophenol	ug/Kg	540 U	27 U	2.2 U
85-01-8	Phenanthrene	ug/Kg	120000	170 J	0.32 U
120-12-7	Anthracene	ug/Kg	36000	45 J	0.2 U
86-74-8	Carbazole	ug/Kg	170 U	8.6 U	0.28 U
84-74-2	Di-n-butylphthalate	ug/Kg	620 U	31 U	3 U
206-44-0	Fluoranthene	ug/Kg	29000	54 J	0.5 UJ
129-00-0	Pyrene	ug/Kg	56000	79 J	0.25 U
85-68-7	Butylbenzylphthalate	ug/Kg	380 U	19 U	0.24 U
91-94-1	3,3-Dichlorobenzidine	ug/Kg	500 U	25 U	8.7 UJ
120-12-7	Benzo(a)anthracene	ug/Kg	20000	19 U	0.2 U
218-01-9	Chrysene	ug/Kg	18000	18 U	0.22 U
117-81-7	Bis(2-ethylhexyl)phthalate	ug/Kg	280 U	40 J	0.2 U
117-84-0	Di-n-octyl phthalate	ug/Kg	89 U	4.5 U	0.64 U

Consolidated Edison Farrington Street Validated Soil Analytical Data SDG: A2785		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	SB-22(16-18) A2785-01 Chemtech A2785 SOIL 5/15/2009 6/5/2009	SB-22(26-28) A2785-02 Chemtech A2785 SOIL 5/15/2009 6/5/2009	051509-FB A2785-03 Chemtech A2785 WATER 5/15/2009 6/5/2009
CAS NO.	COMPOUND	UNITS:			ug/L
	SEMIVOLATILES				
205-99-2	Benzo(b)fluoranthene	ug/Kg	11000	13 U	0.36 U
207-08-9	Benzo(k)fluoranthene	ug/Kg	4100 J	18 U	0.22 U
50-32-8	Benzo(a)pyrene	ug/Kg	12000	8.4 U	0.18 U
193-39-5	Indeno(1,2,3-cd)pyrene	ug/Kg	3000 J	13 U	0.19 U
53-70-3	Dibenz(a,h)anthracene	ug/Kg	1100 J	11 U	0.52 U
191-24-2	Benzo(g,h,i)perylene	ug/Kg	3900 J	16 U	0.36 U
	INORGANICS				
7429-90-5	Aluminum	mg/Kg	2860	2320	72.7 J
7440-36-0	Antimony	mg/Kg	0.44 U	0.44 U	8 U
7440-38-2	Arsenic	mg/Kg	0.26 U	0.46 J	4.2 U
7440-39-3	Barium	mg/Kg	24.2	29.4	4 U
7440-41-7	Beryllium	mg/Kg	0.12 J	0.14 J	0.7 U
7440-43-9	Cadmium	mg/Kg	0.06 J	0.05 J	0.5 U
7440-70-2	Calcium	mg/Kg	1370	501	918 J
7440-47-3	Chromium	mg/Kg	11.1	10.1	1.1 U
7440-48-4	Cobalt	mg/Kg	4.34	3.31	5.8 U
7440-50-8	Copper	mg/Kg	8.92	9.89	6.6 U
7439-89-6	Iron	mg/Kg	9200	14500	30.2 J
7439-92-1	Lead	mg/Kg	6.74	1.61	2.6 U
7439-95-4	Magnesium	mg/Kg	1570	1220	76.9 J
7439-96-5	Manganese	mg/Kg	91.8	97.7	1.7 U
7439-97-6	Mercury	mg/Kg	0.002 U	0.002 U	0.09 U
7440-02-0	Nickel	mg/Kg	17	8.36	4.2 U
7440-09-7	Potassium	mg/Kg	709	1060	406 J
7782-49-2	Selenium	mg/Kg	0.88	0.88	4.8 U
7440-22-4	Silver	mg/Kg	0.12 U	0.12 U	1.5 U
7440-23-5	Sodium	mg/Kg	129 U	176 U	1100
7440-28-0	Thallium	mg/Kg	0.21 U	0.21 U	2.4 U
7440-62-2	Vanadium	mg/Kg	10.9	13.9	6.1 U
7440-66-6	Zinc	mg/Kg	20.5	16	10.4 J
57-12-5	Cyanide	mg/Kg	0.592 U	0.589 U	10 U

Consolidated Edison Farrington Street Validated Soil Analytical Data SDG: A2819		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	MW-19(16-18) A2819-01	MW-19(28-30) A2819-02	MW-21(12-14) A2819-04	MW-21(20-22) A2819-05	051809FB A2819-03	051909FB A2819-06
CAS NO.	COMPOUND	UNITS:					ug/L	ug/L
	VOLATILES							
75-71-8	Dichlorodifluoromethane	ug/Kg	3.9 U	4.1 U	3.9 U	4 U	0.55 U	0.55 U
74-87-3	Chloromethane	ug/Kg	5.1 U	5.4 U	5.2 U	5.3 U	0.54 U	0.54 U
75-01-4	Vinyl chloride	ug/Kg	7.3 U	7.8 U	7.4 U	7.6 U	0.34 U	0.34 U
74-83-9	Bromomethane	ug/Kg	15 U	16 U	15 U	15 U	0.62 U	0.62 U
75-00-3	Chloroethane	ug/Kg	8.3 U	8.9 UJ	8.4 U	8.6 U	0.66 UJ	0.66 UJ
75-69-4	Trichlorofluoromethane	ug/Kg	7.9 U	8.4 U	8 U	8.1 U	0.35 U	0.35 U
76-13-1	1,1,2-Trichlorotrifluoroethane	ug/Kg	7.9 U	8.4 U	8 U	8.2 U	0.45 U	0.45 U
75-35-4	1,1-Dichloroethene	ug/Kg	8.8 U	9.3 U	8.9 U	9.1 U	0.47 U	0.47 U
67-64-1	Acetone	ug/Kg	R	R	R	R	2.8 U	2.8 U
75-15-0	Carbon Disulfide	ug/Kg	6.3 U	6.7 U	6.4 U	6.5 U	0.54 U	0.54 U
1634-04-4	Methyl tert-butyl Ether	ug/Kg	5.7 U	6.1 U	5.8 U	5.9 U	0.35 UJ	0.35 UJ
79-20-9	Methyl Acetate	ug/Kg	9 UJ	9.6 U	9.1 UJ	9.3 UJ	0.83 U	0.83 U
75-09-2	Methylene Chloride	ug/Kg	8.5 U	9 U	8.6 U	8.8 U	1.1 J	0.41 U
156-60-5	trans-1,2-Dichloroethene	ug/Kg	4.1 U	4.4 U	4.2 U	4.3 U	0.41 U	0.41 U
75-34-3	1,1-Dichloroethane	ug/Kg	5.6 U	5.9 U	5.7 U	5.8 U	0.36 U	0.36 U
110-82-7	Cyclohexane	ug/Kg	2500 J	6.4 U	6.1 U	6.2 U	0.55 U	0.55 U
78-93-3	2-Butanone	ug/Kg	19 U	20 U	19 U	19 U	1.3 U	1.3 U
56-23-5	Carbon Tetrachloride	ug/Kg	5.9 U	6.3 U	6 U	6.1 U	0.62 U	0.62 U
156-59-2	cis-1,2-Dichloroethene	ug/Kg	5.3 U	5.6 U	5.4 U	5.5 U	0.35 U	0.35 U
67-66-3	Chloroform	ug/Kg	4.4 U	4.7 U	4.5 U	4.6 U	0.34 U	0.34 U
71-55-6	1,1,1-Trichloroethane	ug/Kg	5.2 U	5.6 U	5.3 U	5.4 U	0.4 U	0.4 U
108-87-2	Methylcyclohexane	ug/Kg	13000 J	8.9 J	6.4 U	6.5 U	0.68 U	0.68 U
71-43-2	Benzene	ug/Kg	2.3 U	2.4 U	2.3 U	2.3 U	0.32 U	0.32 U
107-06-2	1,2-Dichloroethane	ug/Kg	3.8 U	4.1 U	3.9 U	4 U	0.48 U	0.48 U
79-01-6	Trichloroethene	ug/Kg	5.1 U	5.4 U	5.2 U	5.3 U	0.28 U	0.28 U
78-87-5	1,2-Dichloropropane	ug/Kg	1.5 U	1.6 U	1.6 U	1.6 U	0.46 U	0.46 U
75-27-4	Bromodichloromethane	ug/Kg	3.7 U	3.9 U	3.7 U	3.8 U	0.36 U	0.36 U
108-10-1	4-Methyl-2-Pentanone	ug/Kg	17 UJ	18 U	18 UJ	18 UJ	2.1 U	2.1 U
108-88-3	Toluene	ug/Kg	590 J	4.1 U	3.9 U	4 U	0.37 U	0.37 U
10061-02-6	t-1,3-Dichloropropene	ug/Kg	4.7 U	5 U	4.8 U	4.9 U	0.29 U	0.29 U
10061-01-5	cis-1,3-Dichloropropene	ug/Kg	4.3 U	4.6 U	4.3 U	4.4 U	0.31 U	0.31 U
79-00-5	1,1,2-Trichloroethane	ug/Kg	5.4 U	5.7 U	5.4 U	5.6 U	0.38 U	0.38 U
591-78-6	2-Hexanone	ug/Kg	23 U	25 U	24 U	24 U	1.9 U	1.9 U
124-48-1	Dibromochloromethane	ug/Kg	3.2 U	3.4 U	3.3 U	3.3 U	0.52 U	0.52 U
106-93-4	1,2-Dibromoethane	ug/Kg	3.8 U	4.1 U	3.9 U	4 U	0.41 U	0.41 U
127-18-4	Tetrachloroethene	ug/Kg	6 UJ	6.4 U	6.1 U	6.2 U	0.27 U	0.27 U

Consolidated Edison Farrington Street Validated Soil Analytical Data SDG: A2819		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	MW-19(16-18) A2819-01	MW-19(28-30) A2819-02	MW-21(12-14) A2819-04	MW-21(20-22) A2819-05	051809FB A2819-03	051909FB A2819-06
CAS NO.	COMPOUND	UNITS:					ug/L	ug/L
	VOLATILES							
108-90-7	Chlorobenzene	ug/Kg	3 UJ	3.2 U	3 U	3.1 U	0.49 U	0.49 U
100-41-4	Ethyl Benzene	ug/Kg	94000	3.9 U	3.7 U	3.8 U	0.53 U	0.53 U
136777-61-2	m/p-Xylenes	ug/Kg	13000	4.6 U	4.3 U	4.4 U	0.95 U	0.95 U
1330-20-7	o-Xylene	ug/Kg	21000	4.3 U	4.1 U	4.2 U	0.43 U	0.43 U
100-42-5	Styrene	ug/Kg	2.7 UJ	2.8 U	2.7 U	2.8 U	0.36 U	0.36 U
75-25-2	Bromoform	ug/Kg	4.4 UJ	4.7 U	4.5 U	4.6 U	0.47 U	0.47 U
98-82-8	Isopropylbenzene	ug/Kg	13000	3 U	2.9 U	3 U	0.45 U	0.45 U
79-34-5	1,1,2,2-Tetrachloroethane	ug/Kg	2.7 UJ	2.9 U	2.8 U	2.8 U	0.31 U	0.31 U
541-73-1	1,3-Dichlorobenzene	ug/Kg	2.2 UJ	2.3 U	2.2 U	2.3 U	0.43 U	0.43 U
106-46-7	1,4-Dichlorobenzene	ug/Kg	2.4 UJ	2.6 U	2.5 U	2.5 U	0.32 U	0.32 U
95-50-1	1,2-Dichlorobenzene	ug/Kg	3.7 UJ	3.9 U	3.7 U	3.8 U	0.45 U	0.45 U
96-12-8	1,2-Dibromo-3-Chloropropane	ug/Kg	5.2 UJ	5.5 U	5.2 U	5.4 U	0.46 U	0.46 U
120-82-1	1,2,4-Trichlorobenzene	ug/Kg	4.2 UJ	4.4 U	4.2 U	4.3 U	0.62 U	0.62 U
	SEMIVOLATILES							
100-52-7	Benzaldehyde	ug/Kg	410 U	22 U	21 U	21 U	0.9 U	0.87 U
108-95-2	Phenol	ug/Kg	180 U	9.7 U	9.3 U	9.5 U	0.24 U	0.24 U
95-57-8	2-Chlorophenol	ug/Kg	420 U	22 U	21 U	22 U	0.63 U	0.61 U
50-32-8	2-Methylphenol	ug/Kg	430 U	23 U	22 U	22 U	0.28 U	0.27 U
108-60-1	2,2-oxybis(1-Chloropropane)	ug/Kg	330 U	17 U	17 U	17 U	0.2 U	0.19 U
98-86-2	Acetophenone	ug/Kg	240 U	13 U	12 U	13 U	0.16 U	0.16 U
87-86-5	3+4-Methylphenols	ug/Kg	410 U	22 U	21 U	21 U	0.44 U	0.43 U
621-64-7	N-Nitroso-di-n-propylamine	ug/Kg	400 U	21 U	20 U	21 U	0.23 U	0.23 U
67-72-1	Hexachloroethane	ug/Kg	350 U	19 U	18 U	18 U	0.29 U	0.28 U
98-95-3	Nitrobenzene	ug/Kg	300 U	16 U	15 U	16 U	0.79 U	0.77 U
78-59-1	Isophorone	ug/Kg	260 U	14 U	13 U	14 U	0.35 U	0.34 U
88-75-5	2-Nitrophenol	ug/Kg	380 U	20 U	19 U	20 U	0.6 U	0.59 U
105-67-9	2,4-Dimethylphenol	ug/Kg	450 U	24 U	23 U	23 U	0.83 U	0.81 U
111-91-1	bis(2-Chloroethoxy)methane	ug/Kg	460 U	24 U	23 U	24 U	0.64 U	0.62 U
120-83-2	2,4-Dichlorophenol	ug/Kg	300 U	16 U	15 U	16 U	0.77 U	0.75 U
91-20-3	Naphthalene	ug/Kg	580000	690	14 U	580	0.14 U	0.14 U
106-47-8	4-Chloroaniline	ug/Kg	560 U	30 U	28 U	29 U	3.3 UJ	3.2 UJ
87-68-3	Hexachlorobutadiene	ug/Kg	290 U	15 U	15 U	15 U	0.29 U	0.28 U
105-60-2	Caprolactam	ug/Kg	370 UJ	20 UJ	19 UJ	19 UJ	5.2 U	5.1 U
111-44-4	bis(2-Chloroethyl)ether	ug/Kg	380 U	20 U	19 U	20 U	0.64 U	0.62 U
59-50-7	4-Chloro-3-methylphenol	ug/Kg	350 U	19 U	18 U	18 U	0.47 UJ	0.45 UJ
91-57-6	2-Methylnaphthalene	ug/Kg	200000	300 J	10 U	290 J	0.37 U	0.36 U
77-47-4	Hexachlorocyclopentadiene	ug/Kg	190 U	10 U	9.7 U	10 U	0.28 U	0.27 U
88-06-2	2,4,6-Trichlorophenol	ug/Kg	240 U	13 U	12 U	13 U	0.65 U	0.64 U
95-95-4	2,4,5-Trichlorophenol	ug/Kg	560 U	30 U	28 U	29 U	0.47 UJ	0.45 UJ

Consolidated Edison Farrington Street Validated Soil Analytical Data SDG: A2819		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	MW-19(16-18) A2819-01	MW-19(28-30) A2819-02	MW-21(12-14) A2819-04	MW-21(20-22) A2819-05	051809FB A2819-03	051909FB A2819-06
CAS NO.	COMPOUND	UNITS:					ug/L	ug/L
	SEMIVOLATILES							
92-52-4	1,1-Biphenyl	ug/Kg	21000	16 U	15 U	16 U	0.17 U	0.17 U
91-58-7	2-Chloronaphthalene	ug/Kg	180 U	9.6 U	9.1 U	9.4 U	0.19 U	0.18 U
621-64-7	2-Nitroaniline	ug/Kg	350 U	19 U	18 U	18 U	0.57 UJ	0.56 UJ
131-11-3	Dimethylphthalate	ug/Kg	210 U	420 U	400 U	410 U	0.26 U	0.25 U
208-96-8	Acenaphthylene	ug/Kg	8500	11 U	10 U	10 U	0.81 U	0.8 U
606-20-2	2,6-Dinitrotoluene	ug/Kg	320 U	17 U	16 U	17 U	0.37 UJ	0.36 UJ
621-64-7	3-Nitroaniline	ug/Kg	510 U	27 U	26 U	26 U	1.3 UJ	1.2 UJ
83-32-9	Acenaphthene	ug/Kg	110000	260 J	11 U	200 J	0.24 U	0.24 U
51-28-5	2,4-Dinitrophenol	ug/Kg	810 U	43 U	41 U	42 U	2.4 U	2.4 U
100-02-7	4-Nitrophenol	ug/Kg	1500 U	78 U	74 U	76 U	14 U	13 U
132-64-9	Dibenzofuran	ug/Kg	7200 J	16 UJ	16 UJ	16 UJ	0.28 U	0.27 U
121-14-2	2,4-Dinitrotoluene	ug/Kg	240 U	13 U	12 U	12 U	1.2 UJ	1.2 UJ
84-66-2	Diethylphthalate	ug/Kg	120 U	6.6 U	6.3 U	6.4 U	0.44 U	0.43 U
7005-72-3	4-Chlorophenyl-phenylether	ug/Kg	430 U	23 U	22 U	22 U	0.24 U	0.24 U
86-73-7	Fluorene	ug/Kg	44000	120 J	15 U	78 J	0.36 U	0.35 U
621-64-7	4-Nitroaniline	ug/Kg	1000 U	55 U	52 U	53 U	1.6 UJ	1.5 UJ
534-52-1	4,6-Dinitro-2-methylphenol	ug/Kg	450 U	24 U	23 U	24 U	0.86 UJ	0.84 UJ
86-30-6	N-Nitrosodiphenylamine	ug/Kg	190 U	10 U	9.6 U	9.9 U	0.7 U	0.68 U
101-55-3	4-Bromophenyl-phenylether	ug/Kg	150 U	8.2 U	7.8 U	8 U	0.27 U	0.26 U
118-74-1	Hexachlorobenzene	ug/Kg	320 U	17 U	16 U	17 U	0.21 U	0.2 U
1912-24-9	Atrazine	ug/Kg	420 U	22 U	21 U	22 U	0.47 UJ	0.45 UJ
87-86-5	Pentachlorophenol	ug/Kg	540 U	29 U	27 U	28 U	2 UJ	2 UJ
85-01-8	Phenanthrene	ug/Kg	160000	350 J	48 J	370 J	0.3 U	0.3 U
120-12-7	Anthracene	ug/Kg	51000	130 J	8.2 U	96 J	0.19 U	0.18 U
86-74-8	Carbazole	ug/Kg	170 U	9.2 U	8.8 U	9 U	0.26 UJ	0.25 UJ
84-74-2	Di-n-butylphthalate	ug/Kg	620 U	33 U	32 U	32 U	2.8 UJ	2.7 UJ
206-44-0	Fluoranthene	ug/Kg	48000	120 J	8.1 U	160 J	0.47 UJ	0.45 UJ
129-00-0	Pyrene	ug/Kg	74000	160 J	9.6 U	250 J	0.23 U	0.23 U
85-68-7	Butylbenzylphthalate	ug/Kg	380 U	20 U	19 U	20 U	0.22 UJ	0.22 UJ
91-94-1	3,3-Dichlorobenzidine	ug/Kg	510 U	27 U	26 U	26 U	8.1 UJ	7.9 UJ
120-12-7	Benzo(a)anthracene	ug/Kg	35000	60 J	19 U	86 J	0.19 U	0.18 U
218-01-9	Chrysene	ug/Kg	31000	59 J	18 U	99 J	0.21 U	0.2 U
117-81-7	Bis(2-ethylhexyl)phthalate	ug/Kg	280 U	91 J	14 U	15 U	0.19 UJ	0.18 UJ
117-84-0	Di-n-octyl phthalate	ug/Kg	90 U	4.8 U	4.6 U	4.7 U	0.59 UJ	0.58 UJ
205-99-2	Benzo(b)fluoranthene	ug/Kg	19000	14 U	13 U	71 J	0.34 U	0.33 U
207-08-9	Benzo(k)fluoranthene	ug/Kg	6700 J	20 U	19 U	19 U	0.21 U	0.2 U
50-32-8	Benzo(a)pyrene	ug/Kg	22000	9.1 U	8.7 U	62 J	0.16 U	0.16 U
193-39-5	Indeno(1,2,3-cd)pyrene	ug/Kg	7000 J	14 U	13 U	14 U	0.17 U	0.17 U
53-70-3	Dibenz(a,h)anthracene	ug/Kg	2500 J	12 U	12 U	12 U	0.49 U	0.48 U
191-24-2	Benzo(g,h,i)perylene	ug/Kg	9100	17 U	16 U	17 U	0.34 UJ	0.33 UJ

Consolidated Edison Farrington Street Validated Soil Analytical Data SDG: A2819		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	MW-19(16-18) A2819-01	MW-19(28-30) A2819-02	MW-21(12-14) A2819-04	MW-21(20-22) A2819-05	051809FB A2819-03	051909FB A2819-06
CAS NO.	COMPOUND	UNITS:						
	INORGANICS							
7429-90-5	Aluminum	mg/Kg	3840	2850	8630	5330	17.9 J	10.6 J
7440-36-0	Antimony	mg/Kg	0.44 U	0.47 U	0.45 U	0.46 U	8 U	8 U
7440-38-2	Arsenic	mg/Kg	0.26 U	0.28 U	0.66 J	0.27 U	4.2 U	4.2 U
7440-39-3	Barium	mg/Kg	35.1	29.5	51.5	55.4	4 U	4 U
7440-41-7	Beryllium	mg/Kg	0.23 J	0.11 J	0.35	0.21 J	0.7 U	0.7 U
7440-43-9	Cadmium	mg/Kg	0.31	0.05 U	0.2 J	0.83	0.63 J	0.5 J
7440-70-2	Calcium	mg/Kg	782 J	553 J	620 J	884 J	31.8 U	31.8 U
7440-47-3	Chromium	mg/Kg	19.3	9.25	20	15.5	1.1 U	1.1 U
7440-48-4	Cobalt	mg/Kg	8.54	4.34	5.62	5.29	5.8 U	5.8 U
7440-50-8	Copper	mg/Kg	12.2	5.47	12.8	14	6.6 U	6.6 U
7439-89-6	Iron	mg/Kg	17800 J	7630 J	15700 J	14400 J	7.36 J	2.6 U
7439-92-1	Lead	mg/Kg	6.56	1.66	5.87	14	2.6 U	2.6 U
7439-95-4	Magnesium	mg/Kg	1790 J	1480 J	2260 J	1930 J	32.5 U	32.5 U
7439-96-5	Manganese	mg/Kg	164 J	67.6 J	92.8 J	102 J	1.7 U	1.7 U
7439-97-6	Mercury	mg/Kg	0.008 J	0.003 U	0.052	0.002 U	0.09 U	0.09 U
7440-02-0	Nickel	mg/Kg	56.1	12.8	11.5	11.4	4.2 U	4.2 U
7440-09-7	Potassium	mg/Kg	1150	948	799	1580	38.8 U	38.8 U
7782-49-2	Selenium	mg/Kg	1.06	0.85	0.88	0.93	4.8 U	4.8 U
7440-22-4	Silver	mg/Kg	0.12 U	0.13 U	0.12 U	0.12 U	1.5 U	1.5 U
7440-23-5	Sodium	mg/Kg	206	131	254	243	13.9 U	13.9 U
7440-28-0	Thallium	mg/Kg	0.21 U	0.23 U	0.22 U	0.22 U	9.92 J	10.2 J
7440-62-2	Vanadium	mg/Kg	18.7	9.84	24.9	21.2	6.1 U	6.1 U
7440-66-6	Zinc	mg/Kg	22.7	14.1	28	28.2	6.5 U	6.5 U
57-12-5	Cyanide	mg/Kg	0.595 U	0.635 U	0.604 U	0.617 U	10 U	10 U

Consolidated Edison Farrington Street Validated Soil Analytical Data SDG: A2876		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	SB-17(13-18) A2876-01	SB-17(28-33) A2876-04	SB-19(13-18) A2876-05	SB-19(28-33) A2876-06	SB-21(13-18) A2876-10	SB-21(28-33) A2876-13
CAS NO.	COMPOUND	UNITS:						
	VOLATILES							
75-71-8	Dichlorodifluoromethane	ug/Kg	410 U	4.2 U	80 U	3.8 U	4.3 U	4.1 U
74-87-3	Chloromethane	ug/Kg	400 U	5.5 U	78 U	5 U	5.7 U	5.4 U
75-01-4	Vinyl chloride	ug/Kg	250 U	7.9 U	49 U	7.2 U	8.2 U	7.7 U
74-83-9	Bromomethane	ug/Kg	460 U	16 U	90 U	14 U	16 U	15 U
75-00-3	Chloroethane	ug/Kg	490 U	9 U	96 U	8.1 U	9.3 U	8.8 U
75-69-4	Trichlorofluoromethane	ug/Kg	260 U	8.5 U	51 U	7.7 U	8.8 U	8.2 U
76-13-1	1,1,2-Trichlorotrifluoroethane	ug/Kg	330 U	8.5 UJ	65 U	7.7 U	8.9 UJ	8.3 U
75-35-4	1,1-Dichloroethene	ug/Kg	350 U	9.4 U	68 U	8.5 U	9.8 U	9.2 U
67-64-1	Acetone	ug/Kg	2000 U	19 U	400 U	18 U	20 U	19 U
75-15-0	Carbon Disulfide	ug/Kg	400 U	6.8 U	78 U	6.2 U	7.1 U	6.6 U
1634-04-4	Methyl tert-butyl Ether	ug/Kg	260 U	33	51 U	5.6 U	6.4 U	6 U
79-20-9	Methyl Acetate	ug/Kg	620 U	9.7 U	120 U	8.8 U	10 U	9.4 U
75-09-2	Methylene Chloride	ug/Kg	310 U	9.1 U	60 U	8.3 U	9.5 U	8.9 U
156-60-5	trans-1,2-Dichloroethene	ug/Kg	310 U	4.4 U	60 U	4 U	4.6 U	4.3 U
75-34-3	1,1-Dichloroethane	ug/Kg	270 U	6 U	52 U	5.5 U	6.3 U	5.9 U
110-82-7	Cyclohexane	ug/Kg	410 U	6.5 U	530 J	5.9 U	6.7 U	6.3 U
78-93-3	2-Butanone	ug/Kg	980 U	20 U	190 U	18 U	21 U	19 U
56-23-5	Carbon Tetrachloride	ug/Kg	460 U	6.3 U	90 U	5.8 U	6.6 U	6.2 U
156-59-2	cis-1,2-Dichloroethene	ug/Kg	260 U	5.7 U	51 U	5.2 U	5.9 U	5.6 U
67-66-3	Chloroform	ug/Kg	250 U	4.7 U	49 U	4.3 U	4.9 U	4.6 U
71-55-6	1,1,1-Trichloroethane	ug/Kg	300 U	5.6 U	58 U	5.1 U	5.9 U	5.5 U
108-87-2	Methylcyclohexane	ug/Kg	4800	6.8 U	2900	6.2 U	7.1 U	6.6 U
71-43-2	Benzene	ug/Kg	2000 J	2.4 U	47 U	8.3 J	2.5 U	2.4 U
107-06-2	1,2-Dichloroethane	ug/Kg	360 U	4.1 U	70 U	3.7 U	4.3 U	4 U
79-01-6	Trichloroethene	ug/Kg	210 U	5.5 U	41 U	5 U	5.7 U	5.4 U
78-87-5	1,2-Dichloropropane	ug/Kg	340 U	1.7 U	67 U	1.5 U	1.7 U	1.6 U
75-27-4	Bromodichloromethane	ug/Kg	270 U	4 U	52 U	3.6 U	4.1 U	3.9 U
108-10-1	4-Methyl-2-Pentanone	ug/Kg	1600 U	19 U	310 U	17 U	19 U	18 U
108-88-3	Toluene	ug/Kg	280 U	4.1 U	54 U	3.7 U	4.3 U	4 U
10061-02-6	t-1,3-Dichloropropene	ug/Kg	220 U	5.1 U	42 U	4.6 U	5.3 U	4.9 U
10061-01-5	cis-1,3-Dichloropropene	ug/Kg	230 U	4.6 U	45 U	4.2 U	4.8 U	4.5 U
79-00-5	1,1,2-Trichloroethane	ug/Kg	280 U	5.8 U	55 U	5.2 U	6 U	5.6 U
591-78-6	2-Hexanone	ug/Kg	1400 U	25 U	280 U	23 U	26 U	24 U
124-48-1	Dibromochloromethane	ug/Kg	390 U	3.5 U	76 U	3.1 U	3.6 U	3.4 U
106-93-4	1,2-Dibromoethane	ug/Kg	310 U	4.1 U	60 U	3.7 U	4.3 U	4 U
127-18-4	Tetrachloroethene	ug/Kg	200 U	6.5 U	39 U	5.9 U	6.7 U	6.3 U
108-90-7	Chlorobenzene	ug/Kg	360 U	3.2 U	71 U	2.9 U	3.3 U	3.1 U
100-41-4	Ethyl Benzene	ug/Kg	38000	4 U	78000	3.6 U	4.1 U	3.9 U

Consolidated Edison Farrington Street Validated Soil Analytical Data SDG: A2876		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	SB-17(13-18) A2876-01	SB-17(28-33) A2876-04	SB-19(13-18) A2876-05	SB-19(28-33) A2876-06	SB-21(13-18) A2876-10	SB-21(28-33) A2876-13
CAS NO.	COMPOUND	UNITS:						
	VOLATILES							
136777-61-2	m/p-Xylenes	ug/Kg	6500 J	4.6 U	1200 J	4.2 U	4.8 U	4.5 U
1330-20-7	o-Xylene	ug/Kg	12000	4.4 U	9300	4 U	4.5 U	4.2 U
100-42-5	Styrene	ug/Kg	270 U	2.9 U	52 U	2.6 U	3 U	2.8 U
75-25-2	Bromoform	ug/Kg	350 U	4.7 U	68 U	4.3 U	4.9 U	4.6 U
98-82-8	Isopropylbenzene	ug/Kg	29000	3.1 U	14000	2.8 U	3.2 U	3 U
79-34-5	1,1,2,2-Tetrachloroethane	ug/Kg	230 U	2.9 U	45 U	2.7 U	3.1 U	2.9 U
541-73-1	1,3-Dichlorobenzene	ug/Kg	320 U	2.4 U	63 U	2.2 U	2.5 U	2.3 U
106-46-7	1,4-Dichlorobenzene	ug/Kg	240 U	2.6 U	47 U	2.4 U	2.7 U	2.6 U
95-50-1	1,2-Dichlorobenzene	ug/Kg	330 U	4 U	65 U	3.6 U	4.1 U	3.9 U
96-12-8	1,2-Dibromo-3-Chloropropane	ug/Kg	340 U	5.6 U	67 U	5.1 U	5.8 U	5.4 U
120-82-1	1,2,4-Trichlorobenzene	ug/Kg	460 U	4.5 UJ	90 U	4.1 UJ	4.7 UJ	4.4 UJ
	SEMIVOLATILES							
100-52-7	Benzaldehyde	ug/Kg	410 U	22 U	400 U	20 U	23 U	22 U
108-95-2	Phenol	ug/Kg	180 U	9.8 U	180 U	8.9 U	10 U	9.6 U
95-57-8	2-Chlorophenol	ug/Kg	420 U	22 U	410 U	20 U	23 U	22 U
50-32-8	2-Methylphenol	ug/Kg	430 U	23 U	420 U	21 U	24 U	23 U
108-60-1	2,2-oxybis(1-Chloropropane)	ug/Kg	330 U	18 U	320 U	16 U	18 U	17 U
98-86-2	Acetophenone	ug/Kg	240 U	13 U	240 U	12 U	14 U	13 U
87-86-5	3+4-Methylphenols	ug/Kg	410 U	22 U	400 U	20 U	23 U	22 U
621-64-7	N-Nitroso-di-n-propylamine	ug/Kg	400 U	21 U	390 U	20 U	22 U	21 U
67-72-1	Hexachloroethane	ug/Kg	350 U	19 U	350 U	17 U	20 U	19 U
98-95-3	Nitrobenzene	ug/Kg	300 U	16 U	290 U	15 U	17 U	16 U
78-59-1	Isophorone	ug/Kg	260 U	14 U	250 U	13 U	15 U	14 U
88-75-5	2-Nitrophenol	ug/Kg	380 U	21 U	370 U	19 U	21 U	20 U
105-67-9	2,4-Dimethylphenol	ug/Kg	450 U	24 U	440 U	22 U	25 U	24 U
111-91-1	bis(2-Chloroethoxy)methane	ug/Kg	460 U	25 U	440 U	22 U	26 U	24 U
120-83-2	2,4-Dichlorophenol	ug/Kg	300 U	16 U	290 U	15 U	17 U	16 U
91-20-3	Naphthalene	ug/Kg	430000	1400	290000	280 J	670	120 J
106-47-8	4-Chloroaniline	ug/Kg	560 U	30 U	540 U	27 U	31 U	29 U
87-68-3	Hexachlorobutadiene	ug/Kg	290 U	15 U	280 U	14 U	16 U	15 U
105-60-2	Caprolactam	ug/Kg	370 U	20 U	360 U	18 U	21 U	19 U
111-44-4	bis(2-Chloroethyl)ether	ug/Kg	380 U	20 U	370 U	19 U	21 U	20 U
59-50-7	4-Chloro-3-methylphenol	ug/Kg	350 U	19 U	340 U	17 U	20 U	18 U
91-57-6	2-Methylnaphthalene	ug/Kg	280000	1100	150000	190 J	220 J	88 J
77-47-4	Hexachlorocyclopentadiene	ug/Kg	190 U	10 U	190 U	9.4 U	11 U	10 U
88-06-2	2,4,6-Trichlorophenol	ug/Kg	240 U	13 U	240 U	12 U	14 U	13 U
95-95-4	2,4,5-Trichlorophenol	ug/Kg	560 U	30 U	540 U	27 U	31 U	29 U
92-52-4	1,1-Biphenyl	ug/Kg	16000	69 J	14000	15 U	17 U	16 U
91-58-7	2-Chloronaphthalene	ug/Kg	180 U	9.7 U	180 U	8.8 U	10 U	9.5 U

Consolidated Edison Farrington Street Validated Soil Analytical Data SDG: A2876		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	SB-17(13-18) A2876-01	SB-17(28-33) A2876-04	SB-19(13-18) A2876-05	SB-19(28-33) A2876-06	SB-21(13-18) A2876-10	SB-21(28-33) A2876-13
CAS NO.	COMPOUND	UNITS:						
	SEMIVOLATILES							
621-64-7	2-Nitroaniline	ug/Kg	350 U	19 U	340 U	17 U	20 U	18 U
131-11-3	Dimethylphthalate	ug/Kg	210 U	420 U	210 U	380 U	440 U	420 U
208-96-8	Acenaphthylene	ug/Kg	7900	11 U	190 U	9.8 U	11 U	10 U
606-20-2	2,6-Dinitrotoluene	ug/Kg	320 U	17 U	320 U	16 U	18 U	17 U
621-64-7	3-Nitroaniline	ug/Kg	510 U	27 U	500 U	25 U	28 U	27 U
83-32-9	Acenaphthene	ug/Kg	44000	190 J	96000	130 J	130 J	75 J
51-28-5	2,4-Dinitrophenol	ug/Kg	810 U	43 U	790 U	39 U	45 U	42 U
100-02-7	4-Nitrophenol	ug/Kg	1500 U	79 U	1400 U	72 U	82 U	77 U
132-64-9	Dibenzofuran	ug/Kg	3300 J	17 U	5000 J	15 U	17 U	16 U
121-14-2	2,4-Dinitrotoluene	ug/Kg	240 U	13 U	230 U	12 U	13 U	13 U
84-66-2	Diethylphthalate	ug/Kg	120 U	6.6 U	120 U	6 U	6.9 U	6.5 U
7005-72-3	4-Chlorophenyl-phenylether	ug/Kg	430 U	23 U	420 U	21 U	24 U	23 U
86-73-7	Fluorene	ug/Kg	25000	110 J	42000	70 J	71 J	16 U
621-64-7	4-Nitroaniline	ug/Kg	1000 U	55 U	1000 U	50 U	58 U	54 U
534-52-1	4,6-Dinitro-2-methylphenol	ug/Kg	450 UJ	24 U	440 UJ	22 U	25 U	24 U
86-30-6	N-Nitrosodiphenylamine	ug/Kg	190 UJ	10 U	190 UJ	9.3 U	11 U	10 U
101-55-3	4-Bromophenyl-phenylether	ug/Kg	150 UJ	8.3 U	150 UJ	7.5 U	8.6 U	8.1 U
118-74-1	Hexachlorobenzene	ug/Kg	320 UJ	17 U	320 UJ	16 U	18 U	17 U
1912-24-9	Atrazine	ug/Kg	420 UJ	22 U	410 UJ	20 U	23 U	22 U
87-86-5	Pentachlorophenol	ug/Kg	540 UJ	29 U	530 UJ	26 U	30 U	28 U
85-01-8	Phenanthrene	ug/Kg	67000	350 J	130000	280 J	220 J	140 J
120-12-7	Anthracene	ug/Kg	21000 J	92 J	42000 J	75 J	65 J	8.5 U
86-74-8	Carbazole	ug/Kg	170 UJ	9.3 U	1600 J	8.5 U	9.7 U	9.1 U
84-74-2	Di-n-butylphthalate	ug/Kg	620 UJ	33 U	610 UJ	30 U	35 U	33 U
206-44-0	Fluoranthene	ug/Kg	21000 J	100 J	57000 J	130 J	120 J	51 J
129-00-0	Pyrene	ug/Kg	30000 J	150 J	70000	170 J	160 J	69 J
85-68-7	Butylbenzylphthalate	ug/Kg	380 UJ	20 U	370 U	19 U	21 U	20 U
91-94-1	3,3-Dichlorobenzidine	ug/Kg	510 UJ	27 U	500 U	25 U	28 U	27 U
120-12-7	Benzo(a)anthracene	ug/Kg	12000 J	61 J	34000	86 J	67 J	20 U
218-01-9	Chrysene	ug/Kg	11000 J	56 J	34000	83 J	73 J	19 U
117-81-7	Bis(2-ethylhexyl)phthalate	ug/Kg	280 UJ	15 U	270 U	14 U	16 U	15 U
117-84-0	Di-n-octyl phthalate	ug/Kg	90 UJ	4.9 U	88 U	4.4 U	5.1 U	4.7 U
205-99-2	Benzo(b)fluoranthene	ug/Kg	7600 J	14 U	21000	50 J	14 U	14 U
207-08-9	Benzo(k)fluoranthene	ug/Kg	1900 J	20 U	6100 J	18 U	21 U	20 U
50-32-8	Benzo(a)pyrene	ug/Kg	8300 J	9.2 U	24000	56 J	9.6 U	9 U
193-39-5	Indeno(1,2,3-cd)pyrene	ug/Kg	2700 J	14 U	7100 J	13 U	15 U	14 U
53-70-3	Dibenz(a,h)anthracene	ug/Kg	970 J	12 U	2200 J	11 U	13 U	12 U
191-24-2	Benzo(g,h,i)perylene	ug/Kg	3700 J	17 U	9200	16 U	18 U	17 U

Consolidated Edison Farrington Street Validated Soil Analytical Data SDG: A2876		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	SB-17(13-18) A2876-01	SB-17(28-33) A2876-04	SB-19(13-18) A2876-05	SB-19(28-33) A2876-06	SB-21(13-18) A2876-10	SB-21(28-33) A2876-13
CAS NO.	COMPOUND	UNITS:						
	INORGANICS							
7429-90-5	Aluminum	mg/Kg	5750	2330	3350	6060	9910	2480
7440-36-0	Antimony	mg/Kg	0.61 J	0.48 U	0.43 U	0.46 J	0.55 J	0.46 U
7440-38-2	Arsenic	mg/Kg	0.67 J	0.28 U	0.25 U	1.12	0.29 U	0.27 U
7440-39-3	Barium	mg/Kg	69.9	32.7	36.1	71	123	29.5
7440-41-7	Beryllium	mg/Kg	0.23 J	0.08 J	0.15 J	0.59	0.34	0.13 J
7440-43-9	Cadmium	mg/Kg	0.41	0.05 U	0.05 J	0.28	0.42	0.05 U
7440-70-2	Calcium	mg/Kg	1530 J	661 J	4800 J	2190 J	1300 UJ	590 UJ
7440-47-3	Chromium	mg/Kg	18.4	7.98	11.2	22.4	28.6	10.8
7440-48-4	Cobalt	mg/Kg	7.51	3.96	4.61	11	10	3.2
7440-50-8	Copper	mg/Kg	14.5	12.3	15	23.2	19.9	10.6
7439-89-6	Iron	mg/Kg	17900 J	9290 J	13700 J	23200 J	23300 J	12400 J
7439-92-1	Lead	mg/Kg	5.33 J	1.14 J	6.88 J	9.57 J	16.9 J	2.01 J
7439-95-4	Magnesium	mg/Kg	2770	1010	3270	4030	4490	1150
7439-96-5	Manganese	mg/Kg	196 J	79.3 J	204 J	343 J	276 J	78.1 J
7439-97-6	Mercury	mg/Kg	0.008 J	0.002 U	0.003 J	0.007 J	0.005 J	0.003 U
7440-02-0	Nickel	mg/Kg	17.2	9.41	10.8	24.6	27	9.83
7440-09-7	Potassium	mg/Kg	2800	866	1120	2300	4870	1150
7782-49-2	Selenium	mg/Kg	0.73 J	0.94	0.79	0.69 J	0.67 J	0.73 J
7440-22-4	Silver	mg/Kg	0.12 U	0.13 U	0.11 U	0.11 U	0.13 U	0.12 U
7440-23-5	Sodium	mg/Kg	137	93.3	61.8 J	137	172 U	419 U
7440-28-0	Thallium	mg/Kg	0.21 U	0.23 U	0.21 U	0.21 U	0.24 U	0.22 U
7440-62-2	Vanadium	mg/Kg	24.2	8.95	15.7	28.4	35.7	14.4
7440-66-6	Zinc	mg/Kg	59.9	11.6	18	52.1	57.6	15.8
57-12-5	Cyanide	mg/Kg	0.595 U	0.645 U	0.579 U	0.579 U	0.666 U	0.628 U

		Dup of SB-21(28-33)						
Consolidated Edison Farrington Street Validated Soil Analytical Data SDG: A2876		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	SB-21(28-33)DUP A2876-14	SB-25(13-18) A2876-07	SB-25(28-33) A2876-08	SB-25(33-38) A2876-09	052109FB A2876-11	052209FB A2876-12
CAS NO.	COMPOUND	UNITS:					ug/L	ug/L
	VOLATILES							
75-71-8	Dichlorodifluoromethane	ug/Kg	4 U	80 U	420 U	3.8 U	0.55 U	0.55 U
74-87-3	Chloromethane	ug/Kg	5.2 U	78 U	420 U	5 U	0.54 U	0.54 U
75-01-4	Vinyl chloride	ug/Kg	7.5 U	49 U	260 U	7.2 U	0.34 U	0.34 U
74-83-9	Bromomethane	ug/Kg	15 U	90 U	480 U	14 U	0.62 U	0.62 U
75-00-3	Chloroethane	ug/Kg	8.5 U	96 U	510 U	8.1 U	0.66 U	0.66 U
75-69-4	Trichlorofluoromethane	ug/Kg	8 U	51 U	270 U	7.7 U	0.35 U	0.35 U
76-13-1	1,1,2-Trichlorotrifluoroethane	ug/Kg	8.1 U	65 U	350 U	7.7 UJ	0.45 U	0.45 U
75-35-4	1,1-Dichloroethene	ug/Kg	9 U	68 U	360 U	8.5 U	0.47 U	0.47 U
67-64-1	Acetone	ug/Kg	18 U	400 U	2100 U	18 U	2.8 U	2.8 U
75-15-0	Carbon Disulfide	ug/Kg	6.5 U	78 U	420 U	6.2 U	0.54 U	0.54 U
1634-04-4	Methyl tert-butyl Ether	ug/Kg	5.9 U	51 U	270 U	5.6 U	0.35 U	0.35 U
79-20-9	Methyl Acetate	ug/Kg	9.2 U	120 U	640 U	8.8 U	0.83 U	0.83 U
75-09-2	Methylene Chloride	ug/Kg	8.7 U	60 U	320 U	8.3 U	0.41 U	0.41 U
156-60-5	trans-1,2-Dichloroethene	ug/Kg	4.2 U	60 U	320 U	4 U	0.41 U	0.41 U
75-34-3	1,1-Dichloroethane	ug/Kg	5.7 U	52 U	280 U	5.5 U	0.36 U	0.36 U
110-82-7	Cyclohexane	ug/Kg	6.2 U	280 J	420 U	5.9 U	0.55 U	0.55 U
78-93-3	2-Butanone	ug/Kg	19 U	190 U	1000 U	18 U	1.3 U	1.3 U
56-23-5	Carbon Tetrachloride	ug/Kg	6 U	90 U	480 U	5.8 U	0.62 U	0.62 U
156-59-2	cis-1,2-Dichloroethene	ug/Kg	5.4 U	51 U	270 U	5.2 U	0.35 U	0.35 U
67-66-3	Chloroform	ug/Kg	4.5 U	49 U	260 U	4.3 U	0.34 U	0.34 U
71-55-6	1,1,1-Trichloroethane	ug/Kg	5.4 U	58 U	310 U	5.1 U	0.4 U	0.4 U
108-87-2	Methylcyclohexane	ug/Kg	6.5 U	1600	990 J	6.2 U	0.68 U	0.68 U
71-43-2	Benzene	ug/Kg	2.3 U	400 J	40000	2.2 U	0.32 U	0.32 U
107-06-2	1,2-Dichloroethane	ug/Kg	3.9 U	70 U	370 U	3.7 U	0.48 U	0.48 U
79-01-6	Trichloroethene	ug/Kg	5.2 U	41 U	220 U	5 U	0.28 U	0.28 U
78-87-5	1,2-Dichloropropane	ug/Kg	1.6 U	67 U	350 U	1.5 U	0.46 U	0.46 U
75-27-4	Bromodichloromethane	ug/Kg	3.8 U	52 U	280 U	3.6 U	0.36 U	0.36 U
108-10-1	4-Methyl-2-Pentanone	ug/Kg	18 U	310 U	1600 U	17 U	2.1 U	2.1 U
108-88-3	Toluene	ug/Kg	3.9 U	54 U	4700	3.7 U	0.37 U	0.37 U
10061-02-6	t-1,3-Dichloropropene	ug/Kg	4.8 U	42 U	220 U	4.6 U	0.29 U	0.29 U
10061-01-5	cis-1,3-Dichloropropene	ug/Kg	4.4 U	45 U	240 U	4.2 U	0.31 U	0.31 U
79-00-5	1,1,2-Trichloroethane	ug/Kg	5.5 U	55 U	290 U	5.2 U	0.38 U	0.38 U
591-78-6	2-Hexanone	ug/Kg	24 U	280 U	1500 U	23 U	1.9 U	1.9 U
124-48-1	Dibromochloromethane	ug/Kg	3.3 U	76 U	400 U	3.1 U	0.52 U	0.52 U
106-93-4	1,2-Dibromoethane	ug/Kg	3.9 U	60 U	320 U	3.7 U	0.41 U	0.41 U
127-18-4	Tetrachloroethene	ug/Kg	6.2 U	39 U	210 U	5.9 U	0.27 U	0.27 U
108-90-7	Chlorobenzene	ug/Kg	3 U	71 U	380 U	2.9 U	0.49 U	0.49 U
100-41-4	Ethyl Benzene	ug/Kg	3.8 U	65000	760000	3.6 U	0.53 U	0.53 U

		Dup of SB-21(28-33)						
Consolidated Edison Farrington Street Validated Soil Analytical Data SDG: A2876		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	SB-21(28-33)DUP A2876-14 Chemtech A2876 SOIL 5/22/2009 6/24/2009	SB-25(13-18) A2876-07 Chemtech A2876 SOIL 5/22/2009 6/24/2009	SB-25(28-33) A2876-08 Chemtech A2876 SOIL 5/22/2009 6/24/2009	SB-25(33-38) A2876-09 Chemtech A2876 SOIL 5/22/2009 6/24/2009	052109FB A2876-11 Chemtech A2876 WATER 5/21/2009 6/24/2009	052209FB A2876-12 Chemtech A2876 WATER 5/22/2009 6/24/2009
CAS NO.	COMPOUND	UNITS:						
	VOLATILES							
136777-61-2	m/p-Xylenes	ug/Kg	4.4 U	1100 J	230000	4.2 U	0.95 U	0.95 U
1330-20-7	o-Xylene	ug/Kg	4.1 U	4900	260000	4 U	0.43 U	0.43 U
100-42-5	Styrene	ug/Kg	2.7 U	52 U	280 U	2.6 U	0.36 U	0.36 U
75-25-2	Bromoform	ug/Kg	4.5 U	68 U	360 U	4.3 U	0.47 U	0.47 U
98-82-8	Isopropylbenzene	ug/Kg	2.9 U	13000	80000	2.8 U	0.45 U	0.45 U
79-34-5	1,1,2,2-Tetrachloroethane	ug/Kg	2.8 U	45 U	240 U	2.7 U	0.31 U	0.31 U
541-73-1	1,3-Dichlorobenzene	ug/Kg	2.3 U	63 U	330 U	2.2 U	0.43 U	0.43 U
106-46-7	1,4-Dichlorobenzene	ug/Kg	2.5 U	47 U	250 U	2.4 U	0.32 U	0.32 U
95-50-1	1,2-Dichlorobenzene	ug/Kg	3.8 U	65 U	350 U	3.6 U	0.45 U	0.45 U
96-12-8	1,2-Dibromo-3-Chloropropane	ug/Kg	5.3 U	67 U	350 U	5.1 U	0.46 U	0.46 U
120-82-1	1,2,4-Trichlorobenzene	ug/Kg	4.3 UJ	90 U	480 U	4.1 UJ	0.62 U	0.62 U
	SEMIVOLATILES							
100-52-7	Benzaldehyde	ug/Kg	21 U	400 U	430 U	20 U	1.6 U	1.5 U
108-95-2	Phenol	ug/Kg	9.4 U	180 U	190 U	8.9 U	0.43 U	0.4 U
95-57-8	2-Chlorophenol	ug/Kg	21 U	410 U	430 U	20 U	1.1 U	1 U
50-32-8	2-Methylphenol	ug/Kg	22 U	420 U	450 U	21 U	0.49 U	0.45 U
108-60-1	2,2-oxybis(1-Chloropropane)	ug/Kg	17 U	320 U	340 U	16 U	0.35 U	0.32 U
98-86-2	Acetophenone	ug/Kg	12 U	240 U	250 UJ	12 U	0.29 U	0.26 U
87-86-5	3+4-Methylphenols	ug/Kg	21 U	400 U	430 U	20 U	0.78 U	0.72 U
621-64-7	N-Nitroso-di-n-propylamine	ug/Kg	20 U	390 U	410 U	20 U	0.41 U	0.38 U
67-72-1	Hexachloroethane	ug/Kg	18 U	350 U	370 U	17 U	0.51 U	0.47 U
98-95-3	Nitrobenzene	ug/Kg	15 U	290 U	310 UJ	15 U	1.4 U	1.3 U
78-59-1	Isophorone	ug/Kg	13 U	260 U	270 UJ	13 U	0.61 U	0.57 U
88-75-5	2-Nitrophenol	ug/Kg	20 U	370 U	400 UJ	19 U	1.1 U	0.98 U
105-67-9	2,4-Dimethylphenol	ug/Kg	23 U	440 U	460 UJ	22 U	1.4 U	1.3 U
111-91-1	bis(2-Chloroethoxy)methane	ug/Kg	23 U	450 U	470 UJ	22 U	1.1 U	1 U
120-83-2	2,4-Dichlorophenol	ug/Kg	15 U	290 U	310 UJ	15 U	1.3 U	1.2 U
91-20-3	Naphthalene	ug/Kg	1800 J	680000	2900000	620	0.24 U	0.23 U
106-47-8	4-Chloroaniline	ug/Kg	29 U	550 U	580 UJ	27 U	5.8 U	5.4 U
87-68-3	Hexachlorobutadiene	ug/Kg	15 U	280 U	300 UJ	14 U	0.51 U	0.47 U
105-60-2	Caprolactam	ug/Kg	19 U	360 U	380 UJ	18 U	9.1 U	8.4 U
111-44-4	bis(2-Chloroethyl)ether	ug/Kg	19 U	370 U	390 U	19 U	1.1 U	1 U
59-50-7	4-Chloro-3-methylphenol	ug/Kg	18 U	340 U	360 UJ	17 U	0.82 U	0.75 U
91-57-6	2-Methylnaphthalene	ug/Kg	940 J	270000	890000	340 J	0.65 U	0.6 U
77-47-4	Hexachlorocyclopentadiene	ug/Kg	9.9 U	190 U	200 U	9.4 U	0.49 U	0.45 U
88-06-2	2,4,6-Trichlorophenol	ug/Kg	12 U	240 U	250 U	12 U	1.1 U	1.1 U
95-95-4	2,4,5-Trichlorophenol	ug/Kg	28 U	540 U	580 U	27 U	0.82 U	0.75 U
92-52-4	1,1-Biphenyl	ug/Kg	100 J	19000	130000	44 J	0.31 U	0.28 U
91-58-7	2-Chloronaphthalene	ug/Kg	9.3 U	180 U	190 U	8.8 U	0.33 U	0.3 U

		Dup of SB-21(28-33)						
Consolidated Edison Farrington Street Validated Soil Analytical Data SDG: A2876		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	SB-21(28-33)DUP A2876-14	SB-25(13-18) A2876-07	SB-25(28-33) A2876-08	SB-25(33-38) A2876-09	052109FB A2876-11	052209FB A2876-12
CAS NO.	COMPOUND	UNITS:						
	SEMIVOLATILES							
621-64-7	2-Nitroaniline	ug/Kg	18 U	340 U	360 U	17 U	1 U	0.92 U
131-11-3	Dimethylphthalate	ug/Kg	400 U	210 U	220 U	380 U	0.45 U	0.42 U
208-96-8	Acenaphthylene	ug/Kg	65 J	12000	85000	9.8 U	1.4 U	1.3 U
606-20-2	2,6-Dinitrotoluene	ug/Kg	17 U	320 U	330 U	16 U	0.65 U	0.6 U
621-64-7	3-Nitroaniline	ug/Kg	26 U	500 U	530 U	25 U	2.2 U	2.1 U
83-32-9	Acenaphthene	ug/Kg	570 J	140000	650000	250 J	0.43 U	0.4 U
51-28-5	2,4-Dinitrophenol	ug/Kg	41 U	790 U	830 U	39 U	4.3 U	4 U
100-02-7	4-Nitrophenol	ug/Kg	75 U	1400 U	1500 U	72 U	24 U	22 U
132-64-9	Dibenzofuran	ug/Kg	45 J	300 U	59000	15 U	0.49 U	0.45 U
121-14-2	2,4-Dinitrotoluene	ug/Kg	12 U	230 U	250 U	12 U	2.1 U	1.9 U
84-66-2	Diethylphthalate	ug/Kg	6.3 U	120 U	130 U	6 U	0.78 U	0.72 U
7005-72-3	4-Chlorophenyl-phenylether	ug/Kg	22 U	420 U	450 U	21 U	0.43 U	0.4 U
86-73-7	Fluorene	ug/Kg	310 J	61000	360000	150 J	0.63 U	0.58 U
621-64-7	4-Nitroaniline	ug/Kg	53 U	1000 U	1100 U	50 U	2.8 UJ	2.6 UJ
534-52-1	4,6-Dinitro-2-methylphenol	ug/Kg	23 U	440 U	470 UJ	22 U	1.5 U	1.4 U
86-30-6	N-Nitrosodiphenylamine	ug/Kg	9.7 U	190 U	200 UJ	9.3 U	1.2 U	1.1 U
101-55-3	4-Bromophenyl-phenylether	ug/Kg	7.9 U	150 U	160 UJ	7.5 U	0.47 U	0.43 U
118-74-1	Hexachlorobenzene	ug/Kg	17 U	320 U	330 UJ	16 U	0.37 U	0.34 U
1912-24-9	Atrazine	ug/Kg	21 U	410 U	430 UJ	20 U	0.82 U	0.75 U
87-86-5	Pentachlorophenol	ug/Kg	28 U	530 U	560 UJ	26 U	3.5 U	3.2 U
85-01-8	Phenanthrene	ug/Kg	1000 J	180000	1000000	530	0.53 U	0.49 U
120-12-7	Anthracene	ug/Kg	270 J	57000	370000	140 J	0.33 U	0.3 U
86-74-8	Carbazole	ug/Kg	8.9 U	4200 J	20000 J	8.5 U	0.45 U	0.42 U
84-74-2	Di-n-butylphthalate	ug/Kg	32 U	610 U	640 UJ	30 U	4.9 U	4.5 U
206-44-0	Fluoranthene	ug/Kg	350 J	59000	360000	190 J	0.82 U	0.75 U
129-00-0	Pyrene	ug/Kg	450 J	76000	480000	240 J	0.41 U	0.38 U
85-68-7	Butylbenzylphthalate	ug/Kg	19 U	370 U	390 UJ	19 U	0.39 U	0.36 U
91-94-1	3,3-Dichlorobenzidine	ug/Kg	26 U	500 U	530 UJ	25 U	14 U	13 U
120-12-7	Benzo(a)anthracene	ug/Kg	190 J	34000	230000	100 J	0.33 U	0.3 U
218-01-9	Chrysene	ug/Kg	180 J	33000	230000	100 J	0.37 U	0.34 U
117-81-7	Bis(2-ethylhexyl)phthalate	ug/Kg	14 U	270 U	290 UJ	14 U	0.33 U	0.3 U
117-84-0	Di-n-octyl phthalate	ug/Kg	4.6 U	88 U	93 UJ	4.4 U	1 U	0.96 U
205-99-2	Benzo(b)fluoranthene	ug/Kg	100 J	20000	140000	58 J	0.59 U	0.55 U
207-08-9	Benzo(k)fluoranthene	ug/Kg	19 U	6000 J	37000 J	18 U	0.37 U	0.34 U
50-32-8	Benzo(a)pyrene	ug/Kg	120 J	22000	150000	69 J	0.29 U	0.26 U
193-39-5	Indeno(1,2,3-cd)pyrene	ug/Kg	14 U	6400 J	57000 J	13 U	0.31 U	0.28 U
53-70-3	Dibenz(a,h)anthracene	ug/Kg	12 U	1900 J	20000 J	11 U	0.86 U	0.79 U
191-24-2	Benzo(g,h,i)perylene	ug/Kg	43 J	8400	68000	16 U	0.59 U	0.55 U

		Dup of SB-21(28-33)						
Consolidated Edison Farrington Street Validated Soil Analytical Data SDG: A2876		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	SB-21(28-33)DUP A2876-14 Chemtech A2876 SOIL 5/22/2009 6/24/2009	SB-25(13-18) A2876-07 Chemtech A2876 SOIL 5/22/2009 6/24/2009	SB-25(28-33) A2876-08 Chemtech A2876 SOIL 5/22/2009 6/24/2009	SB-25(33-38) A2876-09 Chemtech A2876 SOIL 5/22/2009 6/24/2009	052109FB A2876-11 Chemtech A2876 WATER 5/21/2009 6/24/2009	052209FB A2876-12 Chemtech A2876 WATER 5/22/2009 6/24/2009
CAS NO.	COMPOUND	UNITS:						
	INORGANICS							
7429-90-5	Aluminum	mg/Kg	1960	2880	6200	2150	40.1 J	33.8 J
7440-36-0	Antimony	mg/Kg	0.45 U	0.43 U	0.46 U	0.44 U	8 U	8 U
7440-38-2	Arsenic	mg/Kg	0.27 U	0.26 U	0.27 U	0.26 U	4.2 U	4.2 U
7440-39-3	Barium	mg/Kg	21.3	27.4	81.9	23.5	4 U	18.1 J
7440-41-7	Beryllium	mg/Kg	0.13 J	0.13 J	0.22 J	0.16 J	0.7 U	0.7 U
7440-43-9	Cadmium	mg/Kg	0.05 U	0.05 U	0.19 J	0.09 J	0.5 U	0.5 U
7440-70-2	Calcium	mg/Kg	471 UJ	1160 UJ	1770 UJ	15500 J	58.6 J	6140
7440-47-3	Chromium	mg/Kg	9.35	10	20.1	7.25	1.1 U	1.1 U
7440-48-4	Cobalt	mg/Kg	2.82	3.2	8.08	3.14	5.8 U	5.8 U
7440-50-8	Copper	mg/Kg	12	10.9	17.7	8.31	6.6 U	6.6 U
7439-89-6	Iron	mg/Kg	12000 J	12500 J	19600 J	7210 J	9.27 J	11.6 J
7439-92-1	Lead	mg/Kg	1.84 J	1.85 J	3.33 J	1.76 J	2.6 U	2.6 U
7439-95-4	Magnesium	mg/Kg	842	1170	3070	10500	32.5 U	1730
7439-96-5	Manganese	mg/Kg	63.7 J	195 J	405 J	195 J	1.7 U	4.66 J
7439-97-6	Mercury	mg/Kg	0.002 U	0.007 J	0.002 U	0.002 U	0.11 J	0.09 U
7440-02-0	Nickel	mg/Kg	8.33	10.9	18.4	6.92	4.2 U	4.2 U
7440-09-7	Potassium	mg/Kg	804	762	3170	691	77.9 J	326 J
7782-49-2	Selenium	mg/Kg	0.64 J	0.98	0.82 J	0.61 J	6.54 J	6.18 J
7440-22-4	Silver	mg/Kg	0.12 U	0.12 U	0.12 U	0.12 U	1.5 U	1.5 U
7440-23-5	Sodium	mg/Kg	361 U	99.2 U	343 U	70.8 J	32.2 J	3880
7440-28-0	Thallium	mg/Kg	0.22 U	0.21 U	0.22 U	0.21 U	2.4 U	2.4 U
7440-62-2	Vanadium	mg/Kg	13.3	11.2	27	8.44	6.1 U	6.1 U
7440-66-6	Zinc	mg/Kg	13.5	13	32.7	14.8	9.7 J	12.6 J
57-12-5	Cyanide	mg/Kg	0.607 U	2.23	0.617 U	0.584 U	10 U	10 U

Consolidated Edison Farrington Street Validated Soil Analytical Data SDG: A2915		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	SB-18(18-22) A2915-03	SB-18(8-13) A2915-01	Dup of SB-18(8-13) SB-18(8-13)D A2915-02	SB-23(13-18) A2915-05	SB-23(28-33) A2915-08	052609FB A2915-04
CAS NO.	COMPOUND	UNITS:						
	VOLATILES							
75-71-8	Dichlorodifluoromethane	ug/Kg	4 U	3.6 U	3.5 U	4.1 U	3.9 U	0.55 U
74-87-3	Chloromethane	ug/Kg	5.3 U	4.8 U	4.6 U	5.4 U	5.2 U	0.54 U
75-01-4	Vinyl chloride	ug/Kg	7.6 U	6.8 U	6.6 U	7.7 U	7.4 U	0.34 U
74-83-9	Bromomethane	ug/Kg	15 U	14 U	13 U	15 U	15 U	0.62 U
75-00-3	Chloroethane	ug/Kg	8.6 U	7.8 U	7.5 U	8.8 U	8.4 U	0.66 U
75-69-4	Trichlorofluoromethane	ug/Kg	8.1 U	7.3 U	7.1 U	8.2 U	8 U	0.35 U
76-13-1	1,1,2-Trichlorotrifluoroethane	ug/Kg	8.2 U	7.4 U	7.2 U	8.3 U	8 U	0.45 U
75-35-4	1,1-Dichloroethene	ug/Kg	9.1 U	8.2 U	7.9 U	9.2 U	8.9 U	0.47 U
67-64-1	Acetone	ug/Kg	19 U	17 U	16 U	19 U	18 U	2.8 U
75-15-0	Carbon Disulfide	ug/Kg	6.5 U	5.9 U	5.7 U	6.6 U	6.4 U	0.54 U
1634-04-4	Methyl tert-butyl Ether	ug/Kg	5.9 U	5.3 U	5.2 U	6 U	5.8 U	0.35 U
79-20-9	Methyl Acetate	ug/Kg	9.3 U	8.4 U	8.1 U	9.4 U	9.1 U	0.83 U
75-09-2	Methylene Chloride	ug/Kg	8.8 U	7.9 U	7.6 U	8.9 U	8.6 U	0.41 U
156-60-5	trans-1,2-Dichloroethene	ug/Kg	4.3 U	3.8 U	3.7 U	4.3 U	4.2 U	0.41 U
75-34-3	1,1-Dichloroethane	ug/Kg	5.8 U	5.2 U	5.1 U	5.9 U	5.7 U	0.36 U
110-82-7	Cyclohexane	ug/Kg	6.2 U	5.6 U	5.4 U	6.3 U	6.1 U	0.55 U
78-93-3	2-Butanone	ug/Kg	19 U	17 U	17 U	19 U	19 U	1.3 U
56-23-5	Carbon Tetrachloride	ug/Kg	6.1 U	5.5 U	5.3 U	6.2 U	6 U	0.62 U
156-59-2	cis-1,2-Dichloroethene	ug/Kg	5.5 U	4.9 U	4.8 U	5.6 U	5.4 U	0.35 U
67-66-3	Chloroform	ug/Kg	4.6 U	4.1 U	4 U	4.6 U	4.5 U	0.34 U
71-55-6	1,1,1-Trichloroethane	ug/Kg	5.4 U	4.9 U	4.7 U	5.5 U	5.3 U	0.4 U
108-87-2	Methylcyclohexane	ug/Kg	6.5 U	5.9 U	5.7 U	6.6 U	6.4 U	0.68 U
71-43-2	Benzene	ug/Kg	2.3 U	2.1 U	2 U	28 J	2.3 U	0.32 U
107-06-2	1,2-Dichloroethane	ug/Kg	4 U	3.6 U	3.4 U	4 U	3.9 U	0.48 U
79-01-6	Trichloroethene	ug/Kg	5.3 U	4.8 U	4.6 U	5.4 U	5.2 U	0.28 U
78-87-5	1,2-Dichloropropane	ug/Kg	1.6 U	1.4 U	1.4 U	1.6 U	1.6 U	0.46 U
75-27-4	Bromodichloromethane	ug/Kg	3.8 U	3.4 U	3.3 U	3.9 U	3.7 U	0.36 U
108-10-1	4-Methyl-2-Pentanone	ug/Kg	18 U	16 U	16 U	18 U	18 U	2.1 U
108-88-3	Toluene	ug/Kg	4 U	3.6 U	3.4 U	4 U	3.9 U	0.37 U
10061-02-6	t-1,3-Dichloropropene	ug/Kg	4.9 U	4.4 U	4.2 U	4.9 U	4.8 U	0.29 U
10061-01-5	cis-1,3-Dichloropropene	ug/Kg	4.4 U	4 U	3.9 U	4.5 U	4.3 U	0.31 U
79-00-5	1,1,2-Trichloroethane	ug/Kg	5.6 U	5 U	4.8 U	5.6 U	5.4 U	0.38 U

Consolidated Edison Farrington Street Validated Soil Analytical Data SDG: A2915		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	SB-18(18-22) A2915-03	SB-18(8-13) A2915-01	Dup of SB-18(8-13) SB-18(8-13)D A2915-02	SB-23(13-18) A2915-05	SB-23(28-33) A2915-08	052609FB A2915-04
CAS NO.	COMPOUND	UNITS:						
	VOLATILES							
591-78-6	2-Hexanone	ug/Kg	24 U	22 U	21 U	24 U	24 U	1.9 U
124-48-1	Dibromochloromethane	ug/Kg	3.3 U	3 U	2.9 U	3.4 U	3.3 U	0.52 U
106-93-4	1,2-Dibromoethane	ug/Kg	4 U	3.6 U	3.4 U	4 U	3.9 U	0.41 U
127-18-4	Tetrachloroethene	ug/Kg	6.2 U	5.6 U	5.4 U	6.3 U	6.1 U	0.27 U
108-90-7	Chlorobenzene	ug/Kg	3.1 U	2.8 U	2.7 U	3.1 U	3 U	0.49 U
100-41-4	Ethyl Benzene	ug/Kg	3.8 U	3.4 U	3.3 U	190	3.7 U	0.53 U
136777-61-2	m/p-Xylenes	ug/Kg	4.4 U	4 U	3.9 U	4.5 U	4.3 U	0.95 U
1330-20-7	o-Xylene	ug/Kg	4.2 U	3.8 U	3.7 U	65	4.1 U	0.43 U
100-42-5	Styrene	ug/Kg	2.8 U	2.5 U	2.4 U	2.8 U	2.7 U	0.36 U
75-25-2	Bromoform	ug/Kg	4.6 U	4.1 U	4 U	4.6 U	4.5 U	0.47 U
98-82-8	Isopropylbenzene	ug/Kg	3 U	2.7 U	2.6 U	12 J	2.9 U	0.45 U
79-34-5	1,1,2,2-Tetrachloroethane	ug/Kg	2.8 U	2.6 U	2.5 U	2.9 U	2.8 U	0.31 U
541-73-1	1,3-Dichlorobenzene	ug/Kg	2.3 U	2.1 U	2 U	2.3 U	2.2 U	0.43 U
106-46-7	1,4-Dichlorobenzene	ug/Kg	2.5 U	2.3 U	2.2 U	2.6 U	2.5 U	0.32 U
95-50-1	1,2-Dichlorobenzene	ug/Kg	3.8 U	3.4 U	3.3 U	3.9 U	3.7 U	0.45 U
96-12-8	1,2-Dibromo-3-Chloropropane	ug/Kg	5.4 U	4.8 U	4.7 U	5.4 U	5.2 U	0.46 U
120-82-1	1,2,4-Trichlorobenzene	ug/Kg	4.3 UJ	3.9 UJ	3.8 UJ	4.4 UJ	4.2 UJ	0.62 U

Consolidated Edison Farrington Street Validated Soil Analytical Data SDG: A2915		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	SB-18(18-22) A2915-03	SB-18(8-13) A2915-01	Dup of SB-18(8-13) SB-18(8-13)D A2915-02	SB-23(13-18) A2915-05	SB-23(28-33) A2915-08	052609FB A2915-04
CAS NO.	COMPOUND	UNITS:						
	SEMIVOLATILES							
100-52-7	Benzaldehyde	ug/Kg	21 U	19 U	19 U	220 U	21 U	0.89 U
108-95-2	Phenol	ug/Kg	9.5 U	8.5 U	8.2 U	96 U	9.3 U	0.24 U
95-57-8	2-Chlorophenol	ug/Kg	22 U	20 U	19 U	220 U	21 U	0.62 U
50-32-8	2-Methylphenol	ug/Kg	22 U	20 U	19 U	230 U	22 U	0.28 U
108-60-1	2,2-oxybis(1-Chloropropane)	ug/Kg	17 U	15 U	15 U	170 U	17 U	0.2 U
98-86-2	Acetophenone	ug/Kg	13 U	11 U	11 U	130 U	12 U	0.16 U
87-86-5	3+4-Methylphenols	ug/Kg	21 U	19 U	19 U	220 U	21 U	0.44 U
621-64-7	N-Nitroso-di-n-propylamine	ug/Kg	21 U	19 U	18 U	210 U	20 U	0.23 U
67-72-1	Hexachloroethane	ug/Kg	18 U	17 U	16 U	190 U	18 U	0.29 U
98-95-3	Nitrobenzene	ug/Kg	16 U	14 U	13 U	160 U	15 U	0.78 U
78-59-1	Isophorone	ug/Kg	14 U	12 U	12 U	140 U	13 U	0.34 U
88-75-5	2-Nitrophenol	ug/Kg	20 U	18 U	17 U	200 U	19 U	0.6 U
105-67-9	2,4-Dimethylphenol	ug/Kg	23 U	21 U	20 U	240 U	23 U	0.82 U
111-91-1	bis(2-Chloroethoxy)methane	ug/Kg	24 U	21 U	21 U	240 U	23 U	0.63 U
120-83-2	2,4-Dichlorophenol	ug/Kg	16 U	14 U	14 U	160 U	15 U	0.76 U
91-20-3	Naphthalene	ug/Kg	14 U	13 U	12 U	220000	14 U	0.14 U
106-47-8	4-Chloroaniline	ug/Kg	29 U	26 U	25 U	290 U	28 U	3.3 U
87-68-3	Hexachlorobutadiene	ug/Kg	15 U	13 U	13 U	150 U	15 U	0.29 U
105-60-2	Caprolactam	ug/Kg	19 U	17 U	17 U	190 U	19 U	5.1 UJ
111-44-4	bis(2-Chloroethyl)ether	ug/Kg	20 U	18 U	17 U	200 U	19 U	0.63 U
59-50-7	4-Chloro-3-methylphenol	ug/Kg	18 U	16 U	16 U	180 U	18 U	0.46 U
91-57-6	2-Methylnaphthalene	ug/Kg	10 U	9.3 U	9 U	90000	10 U	0.37 U
77-47-4	Hexachlorocyclopentadiene	ug/Kg	10 U	9 U	8.7 U	100 U	9.7 U	0.28 U
88-06-2	2,4,6-Trichlorophenol	ug/Kg	13 U	11 U	11 U	130 U	12 U	0.64 U
95-95-4	2,4,5-Trichlorophenol	ug/Kg	29 U	26 U	25 U	290 U	28 U	0.46 U
92-52-4	1,1-Biphenyl	ug/Kg	16 U	14 U	13 U	8800	15 U	0.17 U
91-58-7	2-Chloronaphthalene	ug/Kg	9.4 U	8.4 U	8.1 U	95 U	9.1 U	0.18 U
621-64-7	2-Nitroaniline	ug/Kg	18 U	16 U	16 U	180 U	18 U	0.56 U
131-11-3	Dimethylphthalate	ug/Kg	410 U	380 U	430 U	4100 U	400 U	0.25 U
208-96-8	Acenaphthylene	ug/Kg	10 U	9.3 U	9 U	4500	10 U	0.8 U
606-20-2	2,6-Dinitrotoluene	ug/Kg	17 U	15 U	15 U	170 U	16 U	0.37 U

Consolidated Edison Farrington Street Validated Soil Analytical Data SDG: A2915		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	SB-18(18-22) A2915-03	SB-18(8-13) A2915-01	Dup of SB-18(8-13) SB-18(8-13)D A2915-02	SB-23(13-18) A2915-05	SB-23(28-33) A2915-08	052609FB A2915-04
CAS NO.	COMPOUND	UNITS:						
	SEMIVOLATILES							
621-64-7	3-Nitroaniline	ug/Kg	26 U	24 U	23 U	270 U	26 U	1.3 U
83-32-9	Acenaphthene	ug/Kg	12 U	10 U	10 U	40000	11 U	0.24 U
51-28-5	2,4-Dinitrophenol	ug/Kg	42 UJ	38 UJ	36 UJ	420 U	41 UJ	2.4 UJ
100-02-7	4-Nitrophenol	ug/Kg	76 U	69 U	66 U	770 U	74 U	14 U
132-64-9	Dibenzofuran	ug/Kg	16 U	14 U	14 U	2900 J	16 U	0.28 U
121-14-2	2,4-Dinitrotoluene	ug/Kg	12 U	11 U	11 U	130 U	12 U	1.2 U
84-66-2	Diethylphthalate	ug/Kg	6.4 U	5.8 U	5.6 U	65 U	6.2 U	0.44 U
7005-72-3	4-Chlorophenyl-phenylether	ug/Kg	22 U	20 U	19 U	230 U	22 U	0.24 U
86-73-7	Fluorene	ug/Kg	16 U	14 U	13 U	22000	15 U	0.36 U
621-64-7	4-Nitroaniline	ug/Kg	53 U	48 U	46 U	540 U	52 U	1.6 U
534-52-1	4,6-Dinitro-2-methylphenol	ug/Kg	24 U	21 U	20 U	240 U	23 U	0.85 U
86-30-6	N-Nitrosodiphenylamine	ug/Kg	9.9 U	8.9 U	8.6 U	100 U	9.6 U	0.69 U
101-55-3	4-Bromophenyl-phenylether	ug/Kg	8 U	7.2 U	7 U	81 U	7.8 U	0.26 U
118-74-1	Hexachlorobenzene	ug/Kg	17 U	15 U	15 U	170 U	16 U	0.21 U
1912-24-9	Atrazine	ug/Kg	22 U	20 U	19 U	220 U	21 U	0.46 U
87-86-5	Pentachlorophenol	ug/Kg	28 U	25 U	24 U	280 U	27 U	2 U
85-01-8	Phenanthrene	ug/Kg	11 U	10 U	9.6 U	61000	11 U	0.3 U
120-12-7	Anthracene	ug/Kg	8.4 U	7.5 U	7.3 U	19000	8.2 U	0.18 U
86-74-8	Carbazole	ug/Kg	9 U	8.1 U	7.8 U	860 J	8.8 U	0.25 U
84-74-2	Di-n-butylphthalate	ug/Kg	32 U	29 U	28 U	330 U	31 U	2.8 U
206-44-0	Fluoranthene	ug/Kg	8.3 U	7.4 U	7.2 U	22000	8.1 U	0.46 U
129-00-0	Pyrene	ug/Kg	9.9 U	8.9 U	8.6 U	32000	9.6 U	0.23 U
85-68-7	Butylbenzylphthalate	ug/Kg	20 U	18 U	17 U	200 U	19 U	0.22 U
91-94-1	3,3-Dichlorobenzidine	ug/Kg	26 U	24 U	23 U	270 U	26 U	8 U
120-12-7	Benzo(a)anthracene	ug/Kg	20 U	18 U	17 U	12000	19 U	0.18 U
218-01-9	Chrysene	ug/Kg	19 U	17 U	16 U	11000	18 U	0.21 U
117-81-7	Bis(2-ethylhexyl)phthalate	ug/Kg	15 U	13 U	13 U	150 U	14 U	0.18 U
117-84-0	Di-n-octyl phthalate	ug/Kg	4.7 U	4.2 U	4.1 U	47 U	4.6 U	0.59 U
205-99-2	Benzo(b)fluoranthene	ug/Kg	13 U	12 U	12 U	6800	13 U	0.33 U
207-08-9	Benzo(k)fluoranthene	ug/Kg	19 U	17 U	17 U	2200 J	19 U	0.21 U
50-32-8	Benzo(a)pyrene	ug/Kg	8.9 U	8 U	7.7 U	8100	8.7 U	0.16 U
193-39-5	Indeno(1,2,3-cd)pyrene	ug/Kg	14 U	12 U	12 U	3300 J	13 U	0.17 U
53-70-3	Dibenz(a,h)anthracene	ug/Kg	12 U	11 U	10 U	1000 J	12 U	0.48 U
191-24-2	Benzo(g,h,i)perylene	ug/Kg	17 U	40 J	14 U	4300	16 U	0.33 U

Consolidated Edison Farrington Street Validated Soil Analytical Data SDG: A2915		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	SB-18(18-22) A2915-03	SB-18(8-13) A2915-01	Dup of SB-18(8-13) SB-18(8-13)D A2915-02	SB-23(13-18) A2915-05	SB-23(28-33) A2915-08	052609FB A2915-04
CAS NO.	COMPOUND	UNITS:						
	INORGANICS							
7429-90-5	Aluminum	mg/Kg	6740	4510	4800	5750	5640	44.3 J
7440-36-0	Antimony	mg/Kg	0.46 U	0.41 U	0.4 U	0.47 U	0.45 U	8 U
7440-38-2	Arsenic	mg/Kg	0.7 J	0.56 J	0.7 J	0.44 J	0.4 J	4.38 J
7440-39-3	Barium	mg/Kg	83.9	40.3	38.5	59.6	81.6	4.1 J
7440-41-7	Beryllium	mg/Kg	0.24 J	0.26	0.28	0.24 J	0.17 J	0.7 U
7440-43-9	Cadmium	mg/Kg	0.42	0.41	0.36	0.34	0.28	0.5 U
7440-70-2	Calcium	mg/Kg	918	877	686	1140	804	31.8 U
7440-47-3	Chromium	mg/Kg	22.2	13.1	13.7	20.1	17.1	1.1 U
7440-48-4	Cobalt	mg/Kg	9.33	4.22	4.98	6.64	5.68	5.8 U
7440-50-8	Copper	mg/Kg	14.3	17.1	15.9	12.7	17.5	6.6 U
7439-89-6	Iron	mg/Kg	15600 J	13200 J	14700 J	13300 J	13600 J	2.6 U
7439-92-1	Lead	mg/Kg	4.78	6.38	4.19	3.91	3.45	2.6 U
7439-95-4	Magnesium	mg/Kg	3440	1570	1610	2640	2660	32.5 U
7439-96-5	Manganese	mg/Kg	366	116	119	271	119	1.7 U
7439-97-6	Mercury	mg/Kg	0.002 U	0.023 J	0.008 J	0.003 U	0.002 U	0.09 U
7440-02-0	Nickel	mg/Kg	27.7	10.5	11	23.5	14.9	4.2 U
7440-09-7	Potassium	mg/Kg	3480	1640	1600	2500	2840	38.8 U
7782-49-2	Selenium	mg/Kg	0.34 U	0.3 U	0.29 U	0.34 U	0.33 U	4.8 U
7440-22-4	Silver	mg/Kg	0.12 U	0.11 U	0.11 U	0.12 U	0.12 U	1.5 U
7440-23-5	Sodium	mg/Kg	191	56.9 J	54.3 J	119	160	16.1 J
7440-28-0	Thallium	mg/Kg	0.46 J	0.26 J	0.62 J	0.22 U	0.73 J	17.2 J
7440-62-2	Vanadium	mg/Kg	23.5	18.6	19.5	23.5	20	6.1 U
7440-66-6	Zinc	mg/Kg	36.1	35	42.5	27.3	24.8	6.5 U
57-12-5	Cyanide	mg/Kg	0.62 U	0.55 U	0.53 U	0.62 U	0.6 U	10 U

								Dup of SB-28(23-28)		
Consolidated Edison Farrington Street Validated Soil Analytical Data SDG: A3439		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	SB-27(18-23) A3439-07 18-23' Chemtech A3439 SOIL 7/6/2009 7/31/2009	SB-27(23-28) A3439-08 23-28' Chemtech A3439 SOIL 7/6/2009 7/31/2009	SB-28(18-23) A3439-02 18-23' Chemtech A3439 SOIL 7/6/2009 7/31/2009	SB-28(23-28) A3439-03 23-28' Chemtech A3439 SOIL 7/6/2009 7/31/2009	SB-128(23-28) A3439-06 23-38' Chemtech A3439 SOIL 7/6/2009 7/31/2009	SB-29(18-23) A3439-09 18-23' Chemtech A3439 SOIL 7/6/2009 7/31/2009	SB-29(23-28) A3439-10 23-28' Chemtech A3439 SOIL 7/6/2009 7/31/2009	
CAS NO.	COMPOUND	UNITS:								
	VOLATILES									
75-71-8	Dichlorodifluoromethane	ug/Kg	4.1 U	4 U	3.8 U	3.8 U	3.9 U	4.1 U	4 U	
74-87-3	Chloromethane	ug/Kg	5.4 U	5.2 U	5 U	5.1 U	5.2 U	5.4 U	5.3 U	
75-01-4	Vinyl chloride	ug/Kg	7.7 U	7.5 U	7.2 U	7.2 U	7.4 U	7.7 U	7.5 U	
74-83-9	Bromomethane	ug/Kg	15 U	15 U	14 U	14 U	15 U	15 U	15 U	
75-00-3	Chloroethane	ug/Kg	8.8 U	8.5 U	8.1 U	8.2 U	8.4 U	8.8 U	8.6 U	
75-69-4	Trichlorofluoromethane	ug/Kg	8.3 U	8 U	7.7 U	7.8 U	8 U	8.2 U	8.1 U	
76-13-1	1,1,2-Trichlorotrifluoroethane	ug/Kg	8.4 U	8.1 U	7.7 U	7.8 U	8 U	8.3 U	8.1 U	
75-35-4	1,1-Dichloroethene	ug/Kg	9.2 U	9 U	8.5 U	8.6 U	8.9 U	9.2 U	9 U	
67-64-1	Acetone	ug/Kg	19 U	18 U	R	18 U	18 U	19 U	19 U	
75-15-0	Carbon Disulfide	ug/Kg	6.7 U	6.5 U	6.2 U	6.2 U	6.4 U	6.6 U	6.5 U	
1634-04-4	Methyl tert-butyl Ether	ug/Kg	6 U	5.9 U	5.6 U	5.6 U	5.8 U	6 U	5.9 U	
79-20-9	Methyl Acetate	ug/Kg	9.5 U	9.2 U	8.8 U	8.9 U	9.1 U	9.4 U	9.3 U	
75-09-2	Methylene Chloride	ug/Kg	8.9 U	8.7 U	8.3 U	8.4 U	8.6 U	8.9 U	8.7 U	
156-60-5	trans-1,2-Dichloroethene	ug/Kg	4.3 U	4.2 U	4 U	4.1 U	4.2 U	4.3 U	4.2 U	
75-34-3	1,1-Dichloroethane	ug/Kg	5.9 U	5.7 U	5.5 U	5.5 U	5.7 U	5.9 U	5.8 U	
110-82-7	Cyclohexane	ug/Kg	6.3 U	6.2 U	5.9 U	5.9 U	6.1 U	6.3 U	6.2 U	
78-93-3	2-Butanone	ug/Kg	20 U	19 U	18 U	18 U	19 U	19 U	19 U	
56-23-5	Carbon Tetrachloride	ug/Kg	6.2 U	6 U	5.8 U	5.8 U	6 U	6.2 U	6.1 U	
156-59-2	cis-1,2-Dichloroethene	ug/Kg	5.6 U	5.4 U	5.2 U	5.2 U	5.4 U	5.6 U	5.5 U	
67-66-3	Chloroform	ug/Kg	4.7 U	4.5 U	4.3 U	4.4 U	4.5 U	4.6 U	4.5 U	
71-55-6	1,1,1-Trichloroethane	ug/Kg	5.5 U	5.4 U	5.1 U	5.2 U	5.3 U	5.5 U	5.4 U	
108-87-2	Methylcyclohexane	ug/Kg	6.7 U	6.5 U	6.2 U	6.2 U	6.4 U	6.6 U	6.5 U	
71-43-2	Benzene	ug/Kg	2.4 U	2.3 U	2.2 U	2.2 U	2.3 U	2.4 U	2.3 U	
107-06-2	1,2-Dichloroethane	ug/Kg	4 U	3.9 U	3.7 U	3.8 U	3.9 U	4 U	3.9 U	
79-01-6	Trichloroethene	ug/Kg	5.4 U	5.2 U	5 U	5.1 U	5.2 U	5.4 U	5.3 U	
78-87-5	1,2-Dichloropropane	ug/Kg	1.6 U	1.6 U	1.5 U	1.5 U	1.6 U	1.6 U	1.6 U	
75-27-4	Bromodichloromethane	ug/Kg	3.9 U	3.8 U	3.6 U	3.6 U	3.7 U	3.9 U	3.8 U	
108-10-1	4-Methyl-2-Pentanone	ug/Kg	18 U	18 U	17 U	17 U	18 U	18 U	18 U	
108-88-3	Toluene	ug/Kg	4 U	3.9 U	3.7 U	3.8 U	3.9 U	4 U	3.9 U	
10061-02-6	t-1,3-Dichloropropene	ug/Kg	5 U	4.8 U	4.6 U	4.6 U	4.8 U	4.9 U	4.8 U	
10061-01-5	cis-1,3-Dichloropropene	ug/Kg	4.5 U	4.4 U	4.2 U	4.2 U	4.3 U	4.5 U	4.4 U	
79-00-5	1,1,2-Trichloroethane	ug/Kg	5.7 U	5.5 U	5.2 U	5.3 U	5.4 U	5.6 U	5.5 U	

		Dup of SB-28(23-28)							
Consolidated Edison Farrington Street Validated Soil Analytical Data SDG: A3439		Sample ID:	SB-27(18-23)	SB-27(23-28)	SB-28(18-23)	SB-28(23-28)	SB-128(23-28)	SB-29(18-23)	SB-29(23-28)
		Lab Sample Id:	A3439-07	A3439-08	A3439-02	A3439-03	A3439-06	A3439-09	A3439-10
		Depth:	18-23'	23-28'	18-23'	23-28'	23-38'	18-23'	23-28'
		Source:	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech
		SDG:	A3439	A3439	A3439	A3439	A3439	A3439	A3439
		Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sampled:	7/6/2009	7/6/2009	7/6/2009	7/6/2009	7/6/2009	7/6/2009	7/6/2009
		Validated:	7/31/2009	7/31/2009	7/31/2009	7/31/2009	7/31/2009	7/31/2009	7/31/2009
CAS NO.	COMPOUND	UNITS:							
	VOLATILES								
591-78-6	2-Hexanone	ug/Kg	25 U	24 U	23 U	23 U	24 U	24 U	24 U
124-48-1	Dibromochloromethane	ug/Kg	3.4 U	3.3 U	3.1 U	3.2 U	3.3 U	3.4 U	3.3 U
106-93-4	1,2-Dibromoethane	ug/Kg	4 U	3.9 U	3.7 U	3.8 U	3.9 U	4 U	3.9 U
127-18-4	Tetrachloroethene	ug/Kg	6.3 U	6.2 U	5.9 U	5.9 U	6.1 U	6.3 U	6.2 U
108-90-7	Chlorobenzene	ug/Kg	3.1 U	3 U	2.9 U	2.9 U	3 U	3.1 U	3.1 U
100-41-4	Ethyl Benzene	ug/Kg	3.9 U	3.8 U	3.6 U	3.6 U	3.7 U	3.9 U	3.8 U
136777-61-2	m/p-Xylenes	ug/Kg	4.5 U	4.4 U	4.2 U	4.2 U	4.3 U	4.5 U	4.4 U
1330-20-7	o-Xylene	ug/Kg	4.3 U	4.1 U	4 U	4 U	4.1 U	4.2 U	4.2 U
100-42-5	Styrene	ug/Kg	2.8 U	2.7 U	2.6 U	2.6 U	2.7 U	2.8 U	2.8 U
75-25-2	Bromoform	ug/Kg	4.7 U	4.5 U	4.3 U	4.4 U	4.5 U	4.6 U	4.5 U
98-82-8	Isopropylbenzene	ug/Kg	3 U	2.9 U	95 J	2.8 U	2.9 U	3 U	2.9 U
79-34-5	1,1,1,2-Tetrachloroethane	ug/Kg	2.9 U	2.8 U	2.7 U	2.7 U	2.8 U	2.9 U	2.8 U
541-73-1	1,3-Dichlorobenzene	ug/Kg	2.3 U	2.3 U	2.2 U	2.2 U	2.2 U	2.3 U	2.3 U
106-46-7	1,4-Dichlorobenzene	ug/Kg	2.6 U	2.5 U	2.4 U	2.4 U	2.5 U	2.6 U	2.5 U
95-50-1	1,2-Dichlorobenzene	ug/Kg	3.9 U	3.8 U	3.6 U	3.6 U	3.7 U	3.9 U	3.8 U
96-12-8	1,2-Dibromo-3-Chloropropane	ug/Kg	5.5 U	5.3 U	5.1 U	5.1 U	5.2 U	5.4 U	5.3 U
120-82-1	1,2,4-Trichlorobenzene	ug/Kg	4.4 U	4.3 U	4.1 U	4.1 U	4.2 U	4.4 U	4.3 U

						Dup of SB-28(23-28)			
Consolidated Edison Farrington Street Validated Soil Analytical Data SDG: A3439		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	SB-27(18-23) A3439-07 18-23' Chemtech A3439 SOIL 7/6/2009 7/31/2009	SB-27(23-28) A3439-08 23-28' Chemtech A3439 SOIL 7/6/2009 7/31/2009	SB-28(18-23) A3439-02 18-23' Chemtech A3439 SOIL 7/6/2009 7/31/2009	SB-28(23-28) A3439-03 23-28' Chemtech A3439 SOIL 7/6/2009 7/31/2009	SB-128(23-28) A3439-06 23-38' Chemtech A3439 SOIL 7/6/2009 7/31/2009	SB-29(18-23) A3439-09 18-23' Chemtech A3439 SOIL 7/6/2009 7/31/2009	SB-29(23-28) A3439-10 23-28' Chemtech A3439 SOIL 7/6/2009 7/31/2009
CAS NO.	COMPOUND	UNITS:							
	SEMIVOLATILES								
100-52-7	Benzaldehyde	ug/Kg	22 U	21 U	20 U	20 U	21 U	22 U	22 U
108-95-2	Phenol	ug/Kg	9.8 U	9.4 U	8.9 U	9 U	9.3 U	9.6 U	9.6 U
95-57-8	2-Chlorophenol	ug/Kg	22 U	21 U	20 U	21 U	21 U	22 U	22 U
50-32-8	2-Methylphenol	ug/Kg	23 U	22 U	21 U	21 U	22 U	23 U	23 U
108-60-1	2,2-oxybis(1-Chloropropane)	ug/Kg	18 U	17 U	16 U	16 U	17 U	17 U	17 U
98-86-2	Acetophenone	ug/Kg	13 U	12 U	12 U	12 U	12 U	13 U	13 U
87-86-5	3+4-Methylphenols	ug/Kg	22 U	21 U	20 U	20 U	21 U	22 U	22 U
621-64-7	N-Nitroso-di-n-propylamine	ug/Kg	21 U	20 U	19 U	20 U	20 U	21 U	21 U
67-72-1	Hexachloroethane	ug/Kg	19 U	18 U	17 U	18 U	18 U	19 U	19 U
98-95-3	Nitrobenzene	ug/Kg	16 U	15 U	15 U	15 U	15 U	16 U	16 U
78-59-1	Isophorone	ug/Kg	14 U	13 U	13 U	13 U	13 U	14 U	14 U
88-75-5	2-Nitrophenol	ug/Kg	21 U	20 U	19 U	19 U	19 U	20 U	20 U
105-67-9	2,4-Dimethylphenol	ug/Kg	24 U	23 U	22 U	22 U	23 U	24 U	24 U
111-91-1	bis(2-Chloroethoxy)methane	ug/Kg	25 U	23 U	22 U	23 U	23 U	24 U	24 U
120-83-2	2,4-Dichlorophenol	ug/Kg	16 U	15 U	15 U	15 U	15 U	16 U	16 U
91-20-3	Naphthalene	ug/Kg	15 U	14 U	90 J	14 U	14 U	14 U	14 U
106-47-8	4-Chloroaniline	ug/Kg	30 U	29 U	27 U	28 U	28 U	29 U	29 U
87-68-3	Hexachlorobutadiene	ug/Kg	15 U	15 U	14 U	14 U	15 U	15 U	15 U
105-60-2	Caprolactam	ug/Kg	20 U	19 U	18 U	18 U	19 U	19 U	19 U
59-50-7	4-Chloro-3-methylphenol	ug/Kg	19 U	18 U	17 U	17 U	18 U	18 U	18 U
111-44-4	bis(2-Chloroethyl)ether	ug/Kg	20 U	19 U	19 U	19 U	19 U	20 U	20 U
91-57-6	2-Methylnaphthalene	ug/Kg	11 U	10 U	290 J	9.9 U	10 U	10 U	10 U
77-47-4	Hexachlorocyclopentadiene	ug/Kg	10 UJ	9.9 UJ	9.4 UJ	9.5 UJ	9.7 UJ	10 UJ	10 UJ
88-06-2	2,4,6-Trichlorophenol	ug/Kg	13 U	12 U	12 U	12 U	12 U	13 U	13 U
95-95-4	2,4,5-Trichlorophenol	ug/Kg	30 U	28 U	27 U	27 U	28 U	29 U	29 U
92-52-4	1,1-Biphenyl	ug/Kg	16 U	15 U	15 U	15 U	15 U	16 U	16 U
91-58-7	2-Chloronaphthalene	ug/Kg	9.7 U	9.3 U	8.8 U	8.9 U	9.1 U	9.5 U	9.5 U
621-64-7	2-Nitroaniline	ug/Kg	19 U	18 U	17 U	17 U	18 U	18 U	18 U
131-11-3	Dimethylphthalate	ug/Kg	420 U	400 U	380 U	390 U	400 U	410 U	410 U
208-96-8	Acenaphthylene	ug/Kg	11 U	10 U	280 J	9.9 U	10 U	10 U	10 U
606-20-2	2,6-Dinitrotoluene	ug/Kg	17 U	17 U	16 U	16 U	16 U	17 U	17 U

		Dup of SB-28(23-28)							
Consolidated Edison Farrington Street Validated Soil Analytical Data SDG: A3439		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	SB-27(18-23) A3439-07 18-23' Chemtech A3439 SOIL 7/6/2009 7/31/2009	SB-27(23-28) A3439-08 23-28' Chemtech A3439 SOIL 7/6/2009 7/31/2009	SB-28(18-23) A3439-02 18-23' Chemtech A3439 SOIL 7/6/2009 7/31/2009	SB-28(23-28) A3439-03 23-28' Chemtech A3439 SOIL 7/6/2009 7/31/2009	SB-128(23-28) A3439-06 23-38' Chemtech A3439 SOIL 7/6/2009 7/31/2009	SB-29(18-23) A3439-09 18-23' Chemtech A3439 SOIL 7/6/2009 7/31/2009	SB-29(23-28) A3439-10 23-28' Chemtech A3439 SOIL 7/6/2009 7/31/2009
CAS NO.	COMPOUND	UNITS:							
	SEMIVOLATILES								
621-64-7	3-Nitroaniline	ug/Kg	27 U	26 U	25 U	25 U	26 U	27 U	27 U
83-32-9	Acenaphthene	ug/Kg	12 U	11 U	1200	11 U	11 U	12 U	12 U
51-28-5	2,4-Dinitrophenol	ug/Kg	43 U	41 U	39 U	40 U	41 U	42 U	42 U
100-02-7	4-Nitrophenol	ug/Kg	79 U	75 U	72 U	73 U	74 U	77 U	77 U
132-64-9	Dibenzofuran	ug/Kg	17 U	16 U	100 J	15 U	16 U	16 U	16 U
121-14-2	2,4-Dinitrotoluene	ug/Kg	13 U	12 U	12 U	12 U	12 U	13 U	13 U
84-66-2	Diethylphthalate	ug/Kg	6.6 U	6.3 U	6 U	6.1 U	6.3 U	6.5 U	6.5 U
7005-72-3	4-Chlorophenyl-phenylether	ug/Kg	23 U	22 U	21 U	21 U	22 U	23 U	23 U
86-73-7	Fluorene	ug/Kg	16 U	15 U	560	15 U	15 U	16 U	16 U
621-64-7	4-Nitroaniline	ug/Kg	55 U	53 U	50 U	51 U	52 U	54 U	54 U
534-52-1	4,6-Dinitro-2-methylphenol	ug/Kg	24 U	23 U	22 U	22 U	23 U	24 U	24 U
86-30-6	N-Nitrosodiphenylamine	ug/Kg	10 U	9.7 U	9.3 U	9.4 U	9.6 U	10 U	10 U
101-55-3	4-Bromophenyl-phenylether	ug/Kg	8.3 U	7.9 U	7.5 U	7.6 U	7.8 U	8.1 U	8.1 U
118-74-1	Hexachlorobenzene	ug/Kg	17 U	17 U	16 U	16 U	16 U	17 U	17 U
1912-24-9	Atrazine	ug/Kg	22 U	21 U	20 U	21 U	21 U	22 U	22 U
87-86-5	Pentachlorophenol	ug/Kg	29 U	28 U	26 U	27 U	27 U	28 U	28 U
85-01-8	Phenanthrene	ug/Kg	12 U	11 U	2100	11 U	68 J	11 U	11 U
120-12-7	Anthracene	ug/Kg	8.7 U	8.3 U	880	8 U	8.2 U	8.5 U	8.5 U
86-74-8	Carbazole	ug/Kg	9.3 U	8.9 U	8.5 U	8.6 U	8.8 U	9.1 U	9.1 U
84-74-2	Di-n-butylphthalate	ug/Kg	33 U	32 U	30 U	31 U	32 U	33 U	33 U
206-44-0	Fluoranthene	ug/Kg	8.6 U	8.2 U	1000	7.9 U	8.1 U	8.4 U	8.4 U
129-00-0	Pyrene	ug/Kg	10 U	9.7 U	1200	54 J	44 J	10 U	10 U
85-68-7	Butylbenzylphthalate	ug/Kg	20 U	19 U	19 U	19 U	19 U	20 U	20 U
91-94-1	3,3-Dichlorobenzidine	ug/Kg	27 U	26 U	25 U	25 U	26 U	27 U	27 U
120-12-7	Benzo(a)anthracene	ug/Kg	20 U	19 U	570	19 U	19 U	20 U	20 U
218-01-9	Chrysene	ug/Kg	19 U	18 U	530	18 U	18 U	19 U	19 U
117-81-7	Bis(2-ethylhexyl)phthalate	ug/Kg	15 U	14 U	14 U	14 U	14 U	15 U	15 U
117-84-0	Di-n-octyl phthalate	ug/Kg	4.9 U	4.6 U	4.4 U	4.5 U	4.6 U	4.7 U	4.7 U
205-99-2	Benzo(b)fluoranthene	ug/Kg	14 U	13 U	260 J	13 U	13 U	14 U	14 U
207-08-9	Benzo(k)fluoranthene	ug/Kg	20 U	19 U	120 J	18 U	19 U	20 U	20 U
50-32-8	Benzo(a)pyrene	ug/Kg	9.2 U	8.8 U	360 J	8.5 U	8.7 U	9 U	9 U
193-39-5	Indeno(1,2,3-cd)pyrene	ug/Kg	14 U	14 U	120 J	13 U	13 U	14 U	14 U
53-70-3	Dibenz(a,h)anthracene	ug/Kg	12 U	12 U	11 U	11 U	12 U	12 U	12 U
191-24-2	Benzo(g,h,i)perylene	ug/Kg	17 U	16 U	110 J	16 U	16 U	17 U	17 U

		Dup of SB-28(23-28)							
Consolidated Edison Farrington Street Validated Soil Analytical Data SDG: A3439		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	SB-27(18-23) A3439-07 18-23' Chemtech A3439 SOIL 7/6/2009 7/31/2009	SB-27(23-28) A3439-08 23-28' Chemtech A3439 SOIL 7/6/2009 7/31/2009	SB-28(18-23) A3439-02 18-23' Chemtech A3439 SOIL 7/6/2009 7/31/2009	SB-28(23-28) A3439-03 23-28' Chemtech A3439 SOIL 7/6/2009 7/31/2009	SB-128(23-28) A3439-06 23-38' Chemtech A3439 SOIL 7/6/2009 7/31/2009	SB-29(18-23) A3439-09 18-23' Chemtech A3439 SOIL 7/6/2009 7/31/2009	SB-29(23-28) A3439-10 23-28' Chemtech A3439 SOIL 7/6/2009 7/31/2009
CAS NO.	COMPOUND	UNITS:							
	INORGANICS								
7429-90-5	Aluminum	mg/Kg	12800	18700	4630	1870	1730	6310	10800
7440-36-0	Antimony	mg/Kg	0.59 J	0.53 U	0.35 U	0.44 U	0.42 U	0.52 U	0.63 J
7440-38-2	Arsenic	mg/Kg	0.32 U	0.31 U	0.21 U	0.26 U	0.25 U	0.31 U	0.26 U
7440-39-3	Barium	mg/Kg	108 J	129 J	49.2 J	16.6 J	14.1 J	82.9 J	142 J
7440-41-7	Beryllium	mg/Kg	0.51	0.91	0.32	0.08 J	0.08 J	0.31	0.42
7440-43-9	Cadmium	mg/Kg	1.07	1.82	0.78	0.05 U	0.05 U	0.68	1.18
7440-70-2	Calcium	mg/Kg	823	254	513	420	391	406	547
7440-47-3	Chromium	mg/Kg	34.3	54.3	16.2	7.35	6.48	20.3	32.1
7440-48-4	Cobalt	mg/Kg	11.7	15.5	8.07	2.46	2.34	8.14	13
7440-50-8	Copper	mg/Kg	22.6	32.1	20.6	5.79	5.7	16.5	17.7
7439-89-6	Iron	mg/Kg	25200	35200	20000	5640	5370	20600	25700
7439-92-1	Lead	mg/Kg	4.77	9.44	2.79	1.11	1	2.97	4.65
7439-95-4	Magnesium	mg/Kg	5730	8380	1600	1110	1010	2820	5130
7439-96-5	Manganese	mg/Kg	226 J	318 J	182 J	47.7 J	43.3 J	178 J	243 J
7439-97-6	Mercury	mg/Kg	0.005 J	0.013	0.002 U	0.005 J	0.002 U	0.007 J	0.002 U
7440-02-0	Nickel	mg/Kg	25.5	43.1	16.3	8.19	8.11	18.9	29.2
7440-09-7	Potassium	mg/Kg	6380	7670	1580	472	402	3120	5510
7782-49-2	Selenium	mg/Kg	1.23 U	1.29 U	0.89 U	0.8 U	0.9 U	0.97 U	0.79 U
7440-22-4	Silver	mg/Kg	0.14 U	0.14 U	0.09 U	0.12 U	0.11 U	0.14 U	0.12 U
7440-23-5	Sodium	mg/Kg	520 UJ	637 UJ	188 UJ	226 UJ	205 UJ	286 UJ	317 UJ
7440-28-0	Thallium	mg/Kg	0.26 U	0.26 U	0.17 U	0.21 U	0.2 U	0.25 U	0.21 U
7440-62-2	Vanadium	mg/Kg	43.9	59	20.2	6.53	6.93	27.7	40
7440-66-6	Zinc	mg/Kg	54.6	78.9	24.3	10.9	10.1	34.3	53.1
57-12-5	Cyanide	mg/Kg	0.641 U	0.608 U	0.581 U	0.585 U	0.605 U	0.626 U	0.622 U

Consolidated Edison Farrington Street Validated Soil Analytical Data SDG: A3439		Sample ID: Lab Sample Id:	SB-30(13-18) A3439-12	SB-30(23-28) A3439-13	SB-31 (8-13) A3439-14	SB-31(23-28) A3439-15	SB-32 (8-13) A3439-16	SB-32(23-28) A3439-17	SB-33(13-18) A3439-19
		Depth:	13-18'	23-28'	8-13'	23-28'	8-13'	23-28'	13-18'
		Source:	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech
		SDG:	A3439	A3439	A3439	A3439	A3439	A3439	A3439
		Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sampled:	7/7/2009	7/7/2009	7/7/2009	7/7/2009	7/7/2009	7/7/2009	7/8/2009
		Validated:	7/31/2009	7/31/2009	7/31/2009	7/31/2009	7/31/2009	7/31/2009	7/31/2009
CAS NO.	COMPOUND	UNITS:							
	VOLATILES								
75-71-8	Dichlorodifluoromethane	ug/Kg	3.8 U	3.8 U	3.7 U	3.8 U	3.9 U	4 U	4.1 U
74-87-3	Chloromethane	ug/Kg	5.1 U	5 U	4.8 U	5 U	5.2 U	5.3 U	5.4 U
75-01-4	Vinyl chloride	ug/Kg	7.2 U	7.2 U	6.9 U	7.2 U	7.4 U	7.6 U	7.7 U
74-83-9	Bromomethane	ug/Kg	14 U	14 U	14 U	14 U	15 U	15 U	15 U
75-00-3	Chloroethane	ug/Kg	8.2 U	8.2 U	7.9 UJ	8.1 UJ	8.4 UJ	8.6 UJ	8.8 UJ
75-69-4	Trichlorofluoromethane	ug/Kg	7.8 U	7.7 U	7.4 U	7.7 U	8 U	8.1 U	8.2 U
76-13-1	1,1,2-Trichlorotrifluoroethane	ug/Kg	7.8 U	7.8 U	7.5 U	7.7 U	8 U	8.2 U	8.3 U
75-35-4	1,1-Dichloroethene	ug/Kg	8.6 U	8.6 U	8.3 U	8.5 U	8.9 U	9.1 U	9.2 U
67-64-1	Acetone	ug/Kg	18 U	18 U	17 U	18 U	18 U	19 U	19 U
75-15-0	Carbon Disulfide	ug/Kg	6.2 U	6.2 U	6 U	6.2 U	6.4 U	6.5 U	6.6 U
1634-04-4	Methyl tert-butyl Ether	ug/Kg	5.6 U	5.6 U	5.4 U	5.6 U	5.8 U	5.9 U	6 U
79-20-9	Methyl Acetate	ug/Kg	8.9 U	8.8 U	8.5 U	8.8 U	9.1 U	9.3 U	9.4 U
75-09-2	Methylene Chloride	ug/Kg	8.4 U	8.3 U	8 U	8.3 U	8.6 U	8.8 U	8.9 U
156-60-5	trans-1,2-Dichloroethene	ug/Kg	4.1 U	4 U	3.9 U	4 U	4.2 U	4.3 U	4.3 U
75-34-3	1,1-Dichloroethane	ug/Kg	5.5 U	5.5 U	5.3 U	5.5 U	5.7 U	5.8 U	5.9 U
110-82-7	Cyclohexane	ug/Kg	5.9 U	5.9 U	5.7 U	5.9 U	6.1 U	6.2 U	6.3 U
78-93-3	2-Butanone	ug/Kg	18 U	18 U	17 U	18 U	19 U	19 U	19 U
56-23-5	Carbon Tetrachloride	ug/Kg	5.8 U	5.8 U	5.6 U	5.8 U	6 U	6.1 U	6.2 U
156-59-2	cis-1,2-Dichloroethene	ug/Kg	5.2 U	5.2 U	5 U	5.2 U	5.4 U	5.5 U	5.6 U
67-66-3	Chloroform	ug/Kg	4.4 U	4.3 U	4.2 U	4.3 U	4.5 U	4.6 U	4.6 U
71-55-6	1,1,1-Trichloroethane	ug/Kg	5.2 U	5.1 U	4.9 U	5.1 U	5.3 U	5.4 U	5.5 U
108-87-2	Methylcyclohexane	ug/Kg	6.2 U	6.2 U	6 U	6.2 U	6.4 U	6.5 U	6.6 U
71-43-2	Benzene	ug/Kg	2.2 U	2.2 U	2.1 U	2.2 U	2.3 U	2.3 U	2.4 U
107-06-2	1,2-Dichloroethane	ug/Kg	3.8 U	3.7 U	3.6 U	3.7 U	3.9 U	4 U	4 U
79-01-6	Trichloroethene	ug/Kg	5.1 U	5 U	4.8 U	5 U	5.2 U	5.3 U	5.4 U
78-87-5	1,2-Dichloropropane	ug/Kg	1.5 U	1.5 U	1.5 U	1.5 U	1.6 U	1.6 U	1.6 U
75-27-4	Bromodichloromethane	ug/Kg	3.6 U	3.6 U	3.5 U	3.6 U	3.7 U	3.8 U	3.9 U
108-10-1	4-Methyl-2-Pentanone	ug/Kg	17 U	17 U	16 U	17 U	18 U	18 U	18 U
108-88-3	Toluene	ug/Kg	3.8 U	3.7 U	3.6 U	3.7 U	3.9 U	4 U	4 U
10061-02-6	t-1,3-Dichloropropene	ug/Kg	4.6 U	4.6 U	4.4 U	4.6 U	4.8 U	4.9 U	4.9 U
10061-01-5	cis-1,3-Dichloropropene	ug/Kg	4.2 U	4.2 U	4 U	4.2 U	4.3 U	4.4 U	4.5 U
79-00-5	1,1,2-Trichloroethane	ug/Kg	5.3 U	5.3 U	5.1 U	5.2 U	5.4 U	5.6 U	5.6 U

Consolidated Edison Farrington Street Validated Soil Analytical Data SDG: A3439		Sample ID:	SB-30(13-18)	SB-30(23-28)	SB-31 (8-13)	SB-31(23-28)	SB-32 (8-13)	SB-32(23-28)	SB-33(13-18)
CAS NO.	COMPOUND	UNITS:							
	VOLATILES								
591-78-6	2-Hexanone	ug/Kg	23 U	23 U	22 U	23 U	24 U	24 U	24 U
124-48-1	Dibromochloromethane	ug/Kg	3.2 U	3.2 U	3 U	3.1 U	3.3 U	3.3 U	3.4 U
106-93-4	1,2-Dibromoethane	ug/Kg	3.8 U	3.7 U	3.6 U	3.7 U	3.9 U	4 U	4 U
127-18-4	Tetrachloroethene	ug/Kg	5.9 U	5.9 U	5.7 U	5.9 U	6.1 U	6.2 U	6.3 U
108-90-7	Chlorobenzene	ug/Kg	2.9 U	2.9 U	2.8 U	2.9 U	3 U	3.1 U	3.1 U
100-41-4	Ethyl Benzene	ug/Kg	3.6 U	3.6 U	3.5 U	3.6 U	3.7 U	3.8 U	3.9 U
136777-61-2	m/p-Xylenes	ug/Kg	4.2 U	4.2 U	4 U	4.2 U	4.3 U	4.4 U	4.5 U
1330-20-7	o-Xylene	ug/Kg	4 U	4 U	3.8 U	4 U	4.1 U	4.2 U	4.2 U
100-42-5	Styrene	ug/Kg	2.6 U	2.6 U	2.5 U	2.6 U	2.7 U	2.8 U	2.8 U
75-25-2	Bromoform	ug/Kg	4.4 U	4.3 U	4.2 U	4.3 U	4.5 U	4.6 U	4.6 U
98-82-8	Isopropylbenzene	ug/Kg	29 J	2.8 U	2.7 U	2.8 U	2.9 U	3 U	3 U
79-34-5	1,1,1,2-Tetrachloroethane	ug/Kg	2.7 U	2.7 U	2.6 U	2.7 U	2.8 U	2.8 U	2.9 U
541-73-1	1,3-Dichlorobenzene	ug/Kg	2.2 U	2.2 U	2.1 U	2.2 U	2.2 U	2.3 U	2.3 U
106-46-7	1,4-Dichlorobenzene	ug/Kg	2.4 U	2.4 U	2.3 U	2.4 U	2.5 U	2.5 U	2.6 U
95-50-1	1,2-Dichlorobenzene	ug/Kg	3.6 U	3.6 U	3.5 U	3.6 U	3.7 U	3.8 U	3.9 U
96-12-8	1,2-Dibromo-3-Chloropropane	ug/Kg	5.1 U	5.1 U	4.9 U	5.1 U	5.2 U	5.4 U	5.4 U
120-82-1	1,2,4-Trichlorobenzene	ug/Kg	4.1 U	4.1 U	3.9 U	4.1 U	4.2 U	4.3 U	4.4 U

Consolidated Edison Farrington Street Validated Soil Analytical Data SDG: A3439		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	SB-30(13-18) A3439-12 13-18' Chemtech A3439 SOIL 7/7/2009 7/31/2009	SB-30(23-28) A3439-13 23-28' Chemtech A3439 SOIL 7/7/2009 7/31/2009	SB-31 (8-13) A3439-14 8-13' Chemtech A3439 SOIL 7/7/2009 7/31/2009	SB-31(23-28) A3439-15 23-28' Chemtech A3439 SOIL 7/7/2009 7/31/2009	SB-32 (8-13) A3439-16 8-13' Chemtech A3439 SOIL 7/7/2009 7/31/2009	SB-32(23-28) A3439-17 23-28' Chemtech A3439 SOIL 7/7/2009 7/31/2009	SB-33(13-18) A3439-19 13-18' Chemtech A3439 SOIL 7/8/2009 7/31/2009
CAS NO.	COMPOUND	UNITS:							
	SEMIVOLATILES								
100-52-7	Benzaldehyde	ug/Kg	20 U	21 U	20 U	20 U	21 U	21 U	22 U
108-95-2	Phenol	ug/Kg	9 U	9.3 U	8.6 U	8.9 U	9.3 U	9.5 U	9.6 U
95-57-8	2-Chlorophenol	ug/Kg	21 U	21 U	20 U	20 U	21 U	22 U	22 U
50-32-8	2-Methylphenol	ug/Kg	21 U	22 U	20 U	21 U	22 U	22 U	23 U
108-60-1	2,2-oxybis(1-Chloropropane)	ug/Kg	16 U	17 U	15 U	16 U	17 U	17 U	17 U
98-86-2	Acetophenone	ug/Kg	12 U	12 U	11 U	12 U	12 U	13 U	13 U
87-86-5	3+4-Methylphenols	ug/Kg	20 U	21 U	19 U	20 U	21 U	21 U	22 U
621-64-7	N-Nitroso-di-n-propylamine	ug/Kg	20 U	20 U	19 U	19 U	20 U	21 U	21 U
67-72-1	Hexachloroethane	ug/Kg	17 U	18 U	17 U	17 U	18 U	18 U	19 U
98-95-3	Nitrobenzene	ug/Kg	15 U	15 U	14 U	15 U	15 U	16 U	16 U
78-59-1	Isophorone	ug/Kg	13 U	13 U	12 U	13 U	13 U	14 U	14 U
88-75-5	2-Nitrophenol	ug/Kg	19 U	19 U	18 U	19 U	19 U	20 U	20 U
105-67-9	2,4-Dimethylphenol	ug/Kg	22 U	23 U	21 U	22 U	23 U	23 U	24 U
111-91-1	bis(2-Chloroethoxy)methane	ug/Kg	23 U	23 U	22 U	22 U	23 U	24 U	24 U
120-83-2	2,4-Dichlorophenol	ug/Kg	15 U	15 U	14 U	15 U	15 U	16 U	16 U
91-20-3	Naphthalene	ug/Kg	190 J	14 U	13 U	13 U	14 U	14 U	14 U
106-47-8	4-Chloroaniline	ug/Kg	28 U	28 U	26 U	27 U	28 U	29 U	29 U
87-68-3	Hexachlorobutadiene	ug/Kg	14 U	15 U	14 U	14 U	15 U	15 U	15 U
105-60-2	Caprolactam	ug/Kg	18 U	19 U	17 U	18 U	19 U	19 U	19 U
59-50-7	4-Chloro-3-methylphenol	ug/Kg	17 U	18 U	17 U	17 U	18 U	18 U	18 U
111-44-4	bis(2-Chloroethyl)ether	ug/Kg	19 U	19 U	18 U	19 U	19 U	20 U	20 U
91-57-6	2-Methylnaphthalene	ug/Kg	150 J	10 U	9.4 U	9.7 U	10 U	10 U	10 U
77-47-4	Hexachlorocyclopentadiene	ug/Kg	9.5 UJ	9.7 UJ	9.1 UJ	9.4 UJ	9.7 UJ	10 UJ	10 UJ
88-06-2	2,4,6-Trichlorophenol	ug/Kg	12 U	12 U	11 U	12 U	12 U	13 U	13 U
95-95-4	2,4,5-Trichlorophenol	ug/Kg	27 U	28 U	26 U	27 U	28 U	29 U	29 U
92-52-4	1,1-Biphenyl	ug/Kg	15 U	15 U	14 U	15 U	15 U	16 U	16 U
91-58-7	2-Chloronaphthalene	ug/Kg	8.9 U	9.1 U	8.5 U	8.8 U	9.1 U	9.4 U	9.5 U
621-64-7	2-Nitroaniline	ug/Kg	17 U	18 U	17 U	17 U	18 U	18 U	18 U
131-11-3	Dimethylphthalate	ug/Kg	390 U	400 U	370 U	380 U	400 U	410 U	410 U
208-96-8	Acenaphthylene	ug/Kg	85 J	10 U	9.4 U	9.7 U	10 U	10 U	10 U
606-20-2	2,6-Dinitrotoluene	ug/Kg	16 U	16 U	15 U	16 U	16 U	17 U	17 U

Consolidated Edison Farrington Street Validated Soil Analytical Data SDG: A3439		Sample ID: Lab Sample Id:	SB-30(13-18) A3439-12	SB-30(23-28) A3439-13	SB-31 (8-13) A3439-14	SB-31(23-28) A3439-15	SB-32 (8-13) A3439-16	SB-32(23-28) A3439-17	SB-33(13-18) A3439-19
		Depth:	13-18'	23-28'	8-13'	23-28'	8-13'	23-28'	13-18'
		Source:	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech
		SDG:	A3439	A3439	A3439	A3439	A3439	A3439	A3439
		Matrix:	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Sampled:	7/7/2009	7/7/2009	7/7/2009	7/7/2009	7/7/2009	7/7/2009	7/8/2009
		Validated:	7/31/2009	7/31/2009	7/31/2009	7/31/2009	7/31/2009	7/31/2009	7/31/2009
CAS NO.	COMPOUND	UNITS:							
	SEMIVOLATILES								
621-64-7	3-Nitroaniline	ug/Kg	25 U	26 U	24 U	25 U	26 U	26 U	27 U
83-32-9	Acenaphthene	ug/Kg	950	11 U	11 U	11 U	11 U	12 U	12 U
51-28-5	2,4-Dinitrophenol	ug/Kg	40 U	41 U	38 U	39 U	41 U	42 U	42 U
100-02-7	4-Nitrophenol	ug/Kg	73 U	74 U	69 U	72 U	74 U	76 U	77 U
132-64-9	Dibenzofuran	ug/Kg	81 J	16 U	15 U	15 U	16 U	16 U	16 U
121-14-2	2,4-Dinitrotoluene	ug/Kg	12 U	12 U	11 U	12 U	12 U	12 U	13 U
84-66-2	Diethylphthalate	ug/Kg	6.1 U	6.3 U	5.8 U	6 U	6.3 U	6.4 U	6.5 U
7005-72-3	4-Chlorophenyl-phenylether	ug/Kg	21 U	22 U	20 U	21 U	22 U	22 U	23 U
86-73-7	Fluorene	ug/Kg	190 J	15 U	14 U	15 U	15 U	16 U	16 U
621-64-7	4-Nitroaniline	ug/Kg	51 U	52 U	49 U	50 U	52 U	53 U	54 U
534-52-1	4,6-Dinitro-2-methylphenol	ug/Kg	22 U	23 U	21 U	22 U	23 U	24 U	24 U
86-30-6	N-Nitrosodiphenylamine	ug/Kg	9.4 U	9.6 U	9 U	9.3 U	9.6 U	9.9 U	10 U
101-55-3	4-Bromophenyl-phenylether	ug/Kg	7.6 U	7.8 U	7.3 U	7.5 U	7.8 U	8 U	8.1 U
118-74-1	Hexachlorobenzene	ug/Kg	16 U	16 U	15 U	16 U	16 U	17 U	17 U
1912-24-9	Atrazine	ug/Kg	21 U	21 U	20 U	20 U	21 U	22 U	22 U
87-86-5	Pentachlorophenol	ug/Kg	27 U	27 U	26 U	26 U	27 U	28 U	28 U
85-01-8	Phenanthrene	ug/Kg	1400	11 U	10 U	10 U	11 U	11 U	11 U
120-12-7	Anthracene	ug/Kg	430	8.2 U	7.6 U	7.9 U	8.2 U	8.4 U	8.5 U
86-74-8	Carbazole	ug/Kg	8.6 U	8.8 U	8.2 U	8.5 U	8.8 U	9 U	9.1 U
84-74-2	Di-n-butylphthalate	ug/Kg	31 U	32 U	29 U	30 U	32 U	32 U	33 U
206-44-0	Fluoranthene	ug/Kg	430	8.1 U	7.5 U	7.8 U	8.1 U	8.3 U	8.3 U
129-00-0	Pyrene	ug/Kg	550	9.6 U	9 U	9.3 U	9.6 U	9.9 U	10 U
85-68-7	Butylbenzylphthalate	ug/Kg	19 U	19 U	18 U	19 U	19 U	20 U	20 U
91-94-1	3,3-Dichlorobenzidine	ug/Kg	25 U	26 U	24 U	25 U	26 U	26 U	27 U
120-12-7	Benzo(a)anthracene	ug/Kg	220 J	19 U	18 U	18 U	19 U	20 U	20 U
218-01-9	Chrysene	ug/Kg	210 J	18 U	17 U	17 U	18 U	19 U	19 U
117-81-7	Bis(2-ethylhexyl)phthalate	ug/Kg	14 U	14 U	13 U	14 U	14 U	15 U	15 U
117-84-0	Di-n-octyl phthalate	ug/Kg	4.5 U	4.6 U	4.3 U	4.4 U	4.6 U	4.7 U	4.7 U
205-99-2	Benzo(b)fluoranthene	ug/Kg	91 J	13 U	12 U	13 U	13 U	13 U	14 U
207-08-9	Benzo(k)fluoranthene	ug/Kg	49 J	19 U	18 U	18 U	19 U	19 U	20 U
50-32-8	Benzo(a)pyrene	ug/Kg	120 J	8.7 U	8.1 U	8.3 U	8.7 U	8.9 U	9 U
193-39-5	Indeno(1,2,3-cd)pyrene	ug/Kg	40 J	13 U	12 U	13 U	13 U	14 U	14 U
53-70-3	Dibenz(a,h)anthracene	ug/Kg	11 U	12 U	11 U	11 U	12 U	12 U	12 U
191-24-2	Benzo(g,h,i)perylene	ug/Kg	46 J	16 U	15 U	16 U	16 U	17 U	17 U

Consolidated Edison Farrington Street Validated Soil Analytical Data SDG: A3439		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	SB-30(13-18) A3439-12 13-18' Chemtech A3439 SOIL 7/7/2009 7/31/2009	SB-30(23-28) A3439-13 23-28' Chemtech A3439 SOIL 7/7/2009 7/31/2009	SB-31 (8-13) A3439-14 8-13' Chemtech A3439 SOIL 7/7/2009 7/31/2009	SB-31(23-28) A3439-15 23-28' Chemtech A3439 SOIL 7/7/2009 7/31/2009	SB-32 (8-13) A3439-16 8-13' Chemtech A3439 SOIL 7/7/2009 7/31/2009	SB-32(23-28) A3439-17 23-28' Chemtech A3439 SOIL 7/7/2009 7/31/2009	SB-33(13-18) A3439-19 13-18' Chemtech A3439 SOIL 7/8/2009 7/31/2009
CAS NO.	COMPOUND	UNITS:							
	INORGANICS								
7429-90-5	Aluminum	mg/Kg	2850	3420	3310	3030	5010	6090	6330
7440-36-0	Antimony	mg/Kg	0.4 U	0.48 U	0.49 U	0.39 U	0.5 U	0.43 U	0.43 U
7440-38-2	Arsenic	mg/Kg	0.23 U	0.28 U	0.29 U	0.23 U	0.29 U	0.26 U	0.26 U
7440-39-3	Barium	mg/Kg	43.7 J	53.2 J	30 J	44.2 J	42.4 J	77.8 J	76.3 J
7440-41-7	Beryllium	mg/Kg	0.15 J	0.17 J	0.19 J	0.23	0.35	0.25	0.39
7440-43-9	Cadmium	mg/Kg	0.24	0.29	0.28	0.53	0.56	0.43	0.56
7440-70-2	Calcium	mg/Kg	626	764	889	317	992	625	945
7440-47-3	Chromium	mg/Kg	11.3	13.6	15	11.3	15.1	18	23.6
7440-48-4	Cobalt	mg/Kg	3.87	4.71	4.99	6.63	9.35	6.7	8.17
7440-50-8	Copper	mg/Kg	12.7	15.3	24.6	13.8	24	18.7	17.7
7439-89-6	Iron	mg/Kg	10600	12800	11500	16600	18800	13800	17300
7439-92-1	Lead	mg/Kg	1.41	1.85	3.09	2.65	3.85	2.42	4.74
7439-95-4	Magnesium	mg/Kg	1300	1600	1360	1130	1530	2550	2770
7439-96-5	Manganese	mg/Kg	96.3 J	118 J	90.1 J	477 J	481 J	279 J	288 J
7439-97-6	Mercury	mg/Kg	0.002 U	0.003 J	0.003 J	0.002 U	0.002 U	0.002 U	0.002 U
7440-02-0	Nickel	mg/Kg	11.3	13.8	12.9	15.2	24.9	14.9	20
7440-09-7	Potassium	mg/Kg	1250	1530	977	1140	1620	2550	2340
7782-49-2	Selenium	mg/Kg	0.78	1.09	1.2	1.01	1.18	0.92	0.98
7440-22-4	Silver	mg/Kg	0.11 U	0.13 U	0.13 U	0.11 U	0.13 U	0.12 U	0.12 U
7440-23-5	Sodium	mg/Kg	321 UJ	389 UJ	324 UJ	211 UJ	256 UJ	303 UJ	336 UJ
7440-28-0	Thallium	mg/Kg	0.19 U	0.23 U	0.24 U	0.19 U	0.24 U	0.21 U	0.21 U
7440-62-2	Vanadium	mg/Kg	13.2	15.9	17.6	17.4	25.5	20.6	25.9
7440-66-6	Zinc	mg/Kg	14.9	18.5	17.5	20.9	25.2	24.5	34.5
57-12-5	Cyanide	mg/Kg	0.59 U	0.603 U	0.56 U	0.585 U	0.602 U	0.62 U	0.623 U

Consolidated Edison Farrington Street Validated Soil Analytical Data SDG: A3439		Sample ID: Lab Sample Id:	SB-33(23-28) A3439-20	SB-34 (8-13) A3439-21	SB-34(23-28) A3439-22	070609FB A3439-01	070709FB A3439-11	070809FB A3439-18
		Depth:	23-28'	8-13'	23-28'	Chemtech A3439	Chemtech A3439	Chemtech A3439
		Source:	Chemtech	Chemtech	Chemtech	Chemtech A3439	Chemtech A3439	Chemtech A3439
		SDG:	A3439	A3439	A3439	WATER	WATER	WATER
		Matrix:	SOIL	SOIL	SOIL	WATER	WATER	WATER
		Sampled:	7/8/2009	7/8/2009	7/8/2009	7/6/2009	7/7/2009	7/8/2009
		Validated:	7/31/2009	7/31/2009	7/31/2009	7/31/2009	7/31/2009	7/31/2009
CAS NO.	COMPOUND	UNITS:				ug/L	ug/L	ug/L
	VOLATILES							
75-71-8	Dichlorodifluoromethane	ug/Kg	3.7 U	3.6 U	4.2 U	0.55 U	0.55 U	0.55 U
74-87-3	Chloromethane	ug/Kg	4.9 U	4.8 U	5.5 U	0.54 U	0.54 U	0.54 U
75-01-4	Vinyl chloride	ug/Kg	7 U	6.8 U	7.9 U	0.34 U	0.34 U	0.34 U
74-83-9	Bromomethane	ug/Kg	14 U	14 U	16 U	0.62 U	0.62 U	0.62 U
75-00-3	Chloroethane	ug/Kg	8 UJ	7.8 U	9 UJ	0.66 U	0.66 U	0.66 U
75-69-4	Trichlorofluoromethane	ug/Kg	7.5 U	7.3 U	8.5 U	0.35 U	0.35 U	0.35 U
76-13-1	1,1,2-Trichlorotrifluoroethane	ug/Kg	7.6 U	7.4 U	8.5 U	0.45 U	0.45 U	0.45 U
75-35-4	1,1-Dichloroethene	ug/Kg	8.4 U	8.2 U	9.4 U	0.47 U	0.47 U	0.47 U
67-64-1	Acetone	ug/Kg	17 U	R	19 U	2.8 U	9.3 J	2.8 U
75-15-0	Carbon Disulfide	ug/Kg	6 U	5.9 U	6.8 U	0.54 U	0.54 U	0.54 U
1634-04-4	Methyl tert-butyl Ether	ug/Kg	5.5 U	5.3 U	6.2 U	0.35 U	0.35 U	0.35 U
79-20-9	Methyl Acetate	ug/Kg	8.6 U	8.4 U	9.7 U	0.83 U	0.83 U	0.83 U
75-09-2	Methylene Chloride	ug/Kg	8.1 U	7.9 U	9.1 U	0.41 U	0.41 U	0.41 U
156-60-5	trans-1,2-Dichloroethene	ug/Kg	3.9 U	3.8 U	4.4 U	0.41 U	0.41 U	0.41 U
75-34-3	1,1-Dichloroethane	ug/Kg	5.3 U	5.2 U	6 U	0.36 U	0.36 U	0.36 U
110-82-7	Cyclohexane	ug/Kg	5.7 U	5.6 U	6.5 U	0.55 U	0.55 U	0.55 U
78-93-3	2-Butanone	ug/Kg	18 U	17 U	20 U	1.3 U	1.3 U	1.3 U
56-23-5	Carbon Tetrachloride	ug/Kg	5.6 U	5.5 U	6.3 U	0.62 U	0.62 U	0.62 U
156-59-2	cis-1,2-Dichloroethene	ug/Kg	5.1 U	5 U	5.7 U	0.35 U	0.35 U	0.35 U
67-66-3	Chloroform	ug/Kg	4.2 U	4.1 U	4.7 U	0.34 U	0.34 U	0.34 U
71-55-6	1,1,1-Trichloroethane	ug/Kg	5 U	4.9 U	5.6 U	0.4 U	0.4 U	0.4 U
108-87-2	Methylcyclohexane	ug/Kg	6 U	5.9 U	6.8 U	0.68 U	0.68 U	0.68 U
71-43-2	Benzene	ug/Kg	2.2 U	2.1 U	2.4 U	0.32 U	0.32 U	0.32 U
107-06-2	1,2-Dichloroethane	ug/Kg	3.6 U	3.6 U	4.1 U	0.48 U	0.48 U	0.48 U
79-01-6	Trichloroethene	ug/Kg	4.9 U	4.8 U	5.5 U	0.28 U	0.28 U	0.28 U
78-87-5	1,2-Dichloropropane	ug/Kg	1.5 U	1.4 U	1.7 U	0.46 U	0.46 U	0.46 U
75-27-4	Bromodichloromethane	ug/Kg	3.5 U	3.4 U	4 U	0.36 U	0.36 U	0.36 U
108-10-1	4-Methyl-2-Pentanone	ug/Kg	17 U	16 U	19 U	2.1 U	2.1 U	2.1 U
108-88-3	Toluene	ug/Kg	3.6 U	3.6 U	4.1 U	0.37 U	0.37 U	0.37 U
10061-02-6	t-1,3-Dichloropropene	ug/Kg	4.5 U	4.4 U	5.1 U	0.29 U	0.29 U	0.29 U
10061-01-5	cis-1,3-Dichloropropene	ug/Kg	4.1 U	4 U	4.6 U	0.31 U	0.31 U	0.31 U
79-00-5	1,1,2-Trichloroethane	ug/Kg	5.1 U	5 U	5.8 U	0.38 U	0.38 U	0.38 U

Consolidated Edison Farrington Street Validated Soil Analytical Data SDG: A3439		Sample ID: Lab Sample Id:	SB-33(23-28) A3439-20	SB-34 (8-13) A3439-21	SB-34(23-28) A3439-22	070609FB A3439-01	070709FB A3439-11	070809FB A3439-18
		Depth:	23-28'	8-13'	23-28'	Chemtech A3439	Chemtech A3439	Chemtech A3439
		Source:	Chemtech	Chemtech	Chemtech	Chemtech A3439	Chemtech A3439	Chemtech A3439
		SDG:	A3439	A3439	A3439	WATER	WATER	WATER
		Matrix:	SOIL	SOIL	SOIL	7/6/2009	7/7/2009	7/8/2009
		Sampled:	7/8/2009	7/8/2009	7/8/2009	7/31/2009	7/31/2009	7/31/2009
		Validated:	7/31/2009	7/31/2009	7/31/2009	ug/L	ug/L	ug/L
CAS NO.	COMPOUND	UNITS:						
	VOLATILES							
591-78-6	2-Hexanone	ug/Kg	22 U	22 U	25 U	1.9 U	1.9 U	1.9 U
124-48-1	Dibromochloromethane	ug/Kg	3.1 U	3 U	3.5 U	0.52 U	0.52 U	0.52 U
106-93-4	1,2-Dibromoethane	ug/Kg	3.6 U	3.6 U	4.1 U	0.41 U	0.41 U	0.41 U
127-18-4	Tetrachloroethene	ug/Kg	5.7 U	16 J	6.5 U	0.27 U	0.27 U	0.27 U
108-90-7	Chlorobenzene	ug/Kg	2.8 U	2.8 U	3.2 U	0.49 U	0.49 U	0.49 U
100-41-4	Ethyl Benzene	ug/Kg	3.5 U	3.4 U	4 U	0.53 U	0.53 U	0.53 U
136777-61-2	m/p-Xylenes	ug/Kg	4.1 U	4 U	4.6 U	0.95 U	0.95 U	0.95 U
1330-20-7	o-Xylene	ug/Kg	3.9 U	3.8 U	4.4 U	0.43 U	0.43 U	0.43 U
100-42-5	Styrene	ug/Kg	2.6 U	2.5 U	2.9 U	0.36 U	0.36 U	0.36 U
75-25-2	Bromoform	ug/Kg	4.2 U	4.1 U	4.7 U	0.47 U	0.47 U	0.47 U
98-82-8	Isopropylbenzene	ug/Kg	2.7 U	2.7 U	3.1 U	0.45 U	0.45 U	0.45 U
79-34-5	1,1,2,2-Tetrachloroethane	ug/Kg	2.6 U	2.6 U	2.9 U	0.31 U	0.31 U	0.31 U
541-73-1	1,3-Dichlorobenzene	ug/Kg	2.1 U	2.1 U	2.4 U	0.43 U	0.43 U	0.43 U
106-46-7	1,4-Dichlorobenzene	ug/Kg	2.3 U	2.3 U	2.6 U	0.32 U	0.32 U	0.32 U
95-50-1	1,2-Dichlorobenzene	ug/Kg	3.5 U	3.4 U	4 U	0.45 U	0.45 U	0.45 U
96-12-8	1,2-Dibromo-3-Chloropropane	ug/Kg	4.9 U	4.8 U	5.6 U	0.46 U	0.46 U	0.46 U
120-82-1	1,2,4-Trichlorobenzene	ug/Kg	4 U	3.9 U	4.5 U	0.62 U	0.62 U	0.62 U

Consolidated Edison Farrington Street Validated Soil Analytical Data SDG: A3439		Sample ID: Lab Sample Id:	SB-33(23-28) A3439-20	SB-34 (8-13) A3439-21	SB-34(23-28) A3439-22	070609FB A3439-01	070709FB A3439-11	070809FB A3439-18
		Depth:	23-28'	8-13'	23-28'	Chemtech A3439	Chemtech A3439	Chemtech A3439
		Source:	Chemtech	Chemtech	Chemtech	Chemtech A3439	Chemtech A3439	Chemtech A3439
		SDG:	A3439	A3439	A3439	WATER	WATER	WATER
		Matrix:	SOIL	SOIL	SOIL	WATER	WATER	WATER
		Sampled:	7/8/2009	7/8/2009	7/8/2009	7/6/2009	7/7/2009	7/8/2009
		Validated:	7/31/2009	7/31/2009	7/31/2009	7/31/2009	7/31/2009	7/31/2009
CAS NO.	COMPOUND	UNITS:				ug/L	ug/L	ug/L
	SEMIVOLATILES							
100-52-7	Benzaldehyde	ug/Kg	20 U	20 U	22 U	0.85 U	0.85 U	0.87 U
108-95-2	Phenol	ug/Kg	8.7 U	8.6 U	9.8 U	0.23 U	0.23 U	0.24 U
95-57-8	2-Chlorophenol	ug/Kg	20 U	20 U	23 U	0.59 U	0.59 U	0.61 U
50-32-8	2-Methylphenol	ug/Kg	21 U	20 U	23 U	0.26 U	0.26 U	0.27 U
108-60-1	2,2-oxybis(1-Chloropropane)	ug/Kg	16 U	15 U	18 U	0.19 U	0.19 U	0.19 U
98-86-2	Acetophenone	ug/Kg	12 U	11 U	13 U	0.15 U	0.15 U	0.16 U
87-86-5	3+4-Methylphenols	ug/Kg	20 U	19 U	22 U	0.42 U	0.42 U	0.43 U
621-64-7	N-Nitroso-di-n-propylamine	ug/Kg	19 U	19 U	21 U	0.22 U	0.22 U	0.23 U
67-72-1	Hexachloroethane	ug/Kg	17 U	17 U	19 U	0.27 U	0.27 U	0.28 U
98-95-3	Nitrobenzene	ug/Kg	14 U	14 U	16 U	0.75 U	0.75 U	0.77 U
78-59-1	Isophorone	ug/Kg	12 U	12 U	14 U	0.33 U	0.33 U	0.34 U
88-75-5	2-Nitrophenol	ug/Kg	18 U	18 U	21 U	0.57 U	0.57 U	0.59 U
105-67-9	2,4-Dimethylphenol	ug/Kg	21 U	21 U	24 U	0.78 U	0.78 U	0.81 U
111-91-1	bis(2-Chloroethoxy)methane	ug/Kg	22 U	22 U	25 U	0.6 U	0.6 U	0.62 U
120-83-2	2,4-Dichlorophenol	ug/Kg	14 U	14 U	16 U	0.73 U	0.73 U	0.75 U
91-20-3	Naphthalene	ug/Kg	13 U	13 U	15 U	0.13 U	0.13 U	0.14 U
106-47-8	4-Chloroaniline	ug/Kg	27 U	26 U	30 U	3.1 U	3.1 U	3.2 U
87-68-3	Hexachlorobutadiene	ug/Kg	14 U	14 U	15 U	0.27 U	0.27 U	0.28 U
105-60-2	Caprolactam	ug/Kg	18 U	17 U	20 U	4.9 U	4.9 U	5.1 U
59-50-7	4-Chloro-3-methylphenol	ug/Kg	17 U	17 U	19 U	0.44 U	0.44 U	0.45 U
111-44-4	bis(2-Chloroethyl)ether	ug/Kg	18 U	18 U	20 U	0.6 U	0.6 U	0.62 U
91-57-6	2-Methylnaphthalene	ug/Kg	9.5 U	9.4 U	11 U	0.35 U	0.35 U	0.36 U
77-47-4	Hexachlorocyclopentadiene	ug/Kg	9.2 UJ	9.1 UJ	10 UJ	0.26 UJ	0.26 UJ	0.27 UJ
88-06-2	2,4,6-Trichlorophenol	ug/Kg	12 U	11 U	13 U	0.62 U	0.62 U	0.64 U
95-95-4	2,4,5-Trichlorophenol	ug/Kg	27 U	26 U	30 U	0.44 U	0.44 U	0.45 U
92-52-4	1,1-Biphenyl	ug/Kg	14 U	14 U	16 U	0.16 U	0.16 U	0.17 U
91-58-7	2-Chloronaphthalene	ug/Kg	8.6 U	8.5 U	9.7 U	0.18 U	0.18 U	0.18 U
621-64-7	2-Nitroaniline	ug/Kg	17 U	17 U	19 U	0.54 U	0.54 U	0.56 U
131-11-3	Dimethylphthalate	ug/Kg	370 U	370 U	420 U	0.24 U	0.24 U	0.25 U
208-96-8	Acenaphthylene	ug/Kg	9.5 U	180 J	11 U	0.77 U	0.77 U	0.8 U
606-20-2	2,6-Dinitrotoluene	ug/Kg	15 U	15 U	17 U	0.35 U	0.35 U	0.36 U

Consolidated Edison Farrington Street Validated Soil Analytical Data SDG: A3439		Sample ID: Lab Sample Id:	SB-33(23-28) A3439-20	SB-34 (8-13) A3439-21	SB-34(23-28) A3439-22	070609FB A3439-01	070709FB A3439-11	070809FB A3439-18
		Depth:	23-28'	8-13'	23-28'	Chemtech A3439	Chemtech A3439	Chemtech A3439
		Source:	Chemtech	Chemtech	Chemtech	Chemtech A3439	Chemtech A3439	Chemtech A3439
		SDG:	A3439	A3439	A3439	WATER	WATER	WATER
		Matrix:	SOIL	SOIL	SOIL	WATER	WATER	WATER
		Sampled:	7/8/2009	7/8/2009	7/8/2009	7/6/2009	7/7/2009	7/8/2009
		Validated:	7/31/2009	7/31/2009	7/31/2009	7/31/2009	7/31/2009	7/31/2009
CAS NO.	COMPOUND	UNITS:				ug/L	ug/L	ug/L
	SEMIVOLATILES							
621-64-7	3-Nitroaniline	ug/Kg	24 U	24 U	27 U	1.2 U	1.2 U	1.2 U
83-32-9	Acenaphthene	ug/Kg	11 U	1400	12 U	0.23 U	0.23 U	0.24 U
51-28-5	2,4-Dinitrophenol	ug/Kg	38 U	38 U	43 U	2.3 U	2.3 U	2.4 U
100-02-7	4-Nitrophenol	ug/Kg	70 U	69 U	79 U	13 U	13 U	13 U
132-64-9	Dibenzofuran	ug/Kg	15 U	160 J	17 U	0.26 U	0.26 U	0.27 U
121-14-2	2,4-Dinitrotoluene	ug/Kg	11 U	11 U	13 U	1.1 U	1.1 U	1.2 U
84-66-2	Diethylphthalate	ug/Kg	5.9 U	5.8 U	6.6 U	0.42 U	0.42 U	0.43 U
7005-72-3	4-Chlorophenyl-phenylether	ug/Kg	21 U	20 U	23 U	0.23 U	0.23 U	0.24 U
86-73-7	Fluorene	ug/Kg	14 U	430	16 U	0.34 U	0.34 U	0.35 U
621-64-7	4-Nitroaniline	ug/Kg	49 U	49 U	55 U	1.5 U	1.5 U	1.5 U
534-52-1	4,6-Dinitro-2-methylphenol	ug/Kg	22 U	21 U	24 U	0.81 U	0.81 U	0.84 U
86-30-6	N-Nitrosodiphenylamine	ug/Kg	9.1 U	9 U	10 U	0.66 U	0.66 U	0.68 U
101-55-3	4-Bromophenyl-phenylether	ug/Kg	7.4 U	7.3 U	8.3 U	0.25 U	0.25 U	0.26 U
118-74-1	Hexachlorobenzene	ug/Kg	15 U	15 U	17 U	0.2 U	0.2 U	0.2 U
1912-24-9	Atrazine	ug/Kg	20 U	20 U	23 U	0.44 U	0.44 U	0.45 U
87-86-5	Pentachlorophenol	ug/Kg	26 U	26 U	29 U	1.9 U	1.9 U	2 U
85-01-8	Phenanthrene	ug/Kg	10 U	1100	12 U	0.29 U	0.29 U	0.3 U
120-12-7	Anthracene	ug/Kg	7.7 U	1100	8.7 U	0.18 U	0.18 U	0.18 U
86-74-8	Carbazole	ug/Kg	8.3 U	8.2 U	9.3 U	0.24 U	0.24 U	0.25 U
84-74-2	Di-n-butylphthalate	ug/Kg	30 U	29 U	34 U	2.6 U	2.6 U	2.7 U
206-44-0	Fluoranthene	ug/Kg	7.6 U	1700	8.6 U	0.44 U	0.44 U	0.45 U
129-00-0	Pyrene	ug/Kg	9.1 U	1800	10 U	0.22 U	0.22 U	0.23 U
85-68-7	Butylbenzylphthalate	ug/Kg	18 U	18 U	20 U	0.21 U	0.21 U	0.22 U
91-94-1	3,3-Dichlorobenzidine	ug/Kg	24 U	24 U	27 U	7.6 U	7.6 U	7.9 U
120-12-7	Benzo(a)anthracene	ug/Kg	18 U	960	20 U	0.18 U	0.18 U	0.18 U
218-01-9	Chrysene	ug/Kg	17 U	930	19 U	0.2 U	0.2 U	0.2 U
117-81-7	Bis(2-ethylhexyl)phthalate	ug/Kg	13 U	13 U	15 U	0.18 U	0.18 U	0.18 U
117-84-0	Di-n-octyl phthalate	ug/Kg	4.3 U	4.3 U	4.9 U	0.56 U	0.56 U	0.58 U
205-99-2	Benzo(b)fluoranthene	ug/Kg	12 U	500	14 U	0.32 U	0.32 U	0.33 U
207-08-9	Benzo(k)fluoranthene	ug/Kg	18 U	200 J	20 U	0.2 U	0.2 U	0.2 U
50-32-8	Benzo(a)pyrene	ug/Kg	8.2 U	560	9.2 U	0.15 U	0.15 U	0.16 U
193-39-5	Indeno(1,2,3-cd)pyrene	ug/Kg	13 U	220 J	14 U	0.16 U	0.16 U	0.17 U
53-70-3	Dibenz(a,h)anthracene	ug/Kg	11 U	49 J	12 U	0.46 U	0.46 U	0.48 U
191-24-2	Benzo(g,h,i)perylene	ug/Kg	15 U	230 J	17 U	0.32 U	0.32 U	0.33 U

Consolidated Edison Farrington Street Validated Soil Analytical Data SDG: A3439		Sample ID: Lab Sample Id:	SB-33(23-28) A3439-20	SB-34 (8-13) A3439-21	SB-34(23-28) A3439-22	070609FB A3439-01	070709FB A3439-11	070809FB A3439-18
		Depth:	23-28'	8-13'	23-28'	Chemtech A3439	Chemtech A3439	Chemtech A3439
		Source:	Chemtech	Chemtech	Chemtech	WATER	WATER	WATER
		SDG:	A3439	A3439	A3439	7/6/2009	7/7/2009	7/8/2009
		Matrix:	SOIL	SOIL	SOIL	7/31/2009	7/31/2009	7/31/2009
		Sampled:	7/8/2009	7/8/2009	7/8/2009			
		Validated:	7/31/2009	7/31/2009	7/31/2009			
CAS NO.	COMPOUND	UNITS:				ug/L	ug/L	ug/L
	INORGANICS							
7429-90-5	Aluminum	mg/Kg	6550	11300	8150	6.5 U	6.5 U	6.5 U
7440-36-0	Antimony	mg/Kg	0.47 U	0.49 U	0.43 U	8 U	8 U	8 U
7440-38-2	Arsenic	mg/Kg	0.28 U	0.58 J	0.25 U	4.2 U	4.2 U	4.2 U
7440-39-3	Barium	mg/Kg	70.4 J	39.9 J	104 J	4 U	4 U	4 U
7440-41-7	Beryllium	mg/Kg	0.65	0.36	0.27	0.7 U	0.7 U	0.7 U
7440-43-9	Cadmium	mg/Kg	0.79	0.45	0.59	0.5 U	0.5 U	0.5 U
7440-70-2	Calcium	mg/Kg	2240	1110	1130	799 J	776 J	806 J
7440-47-3	Chromium	mg/Kg	22.6	17.7	28	1.1 U	1.19 J	1.1 U
7440-48-4	Cobalt	mg/Kg	10.9	3.68	8.75	5.8 U	5.8 U	5.8 U
7440-50-8	Copper	mg/Kg	27.3	12.4	17.1	6.6 U	6.6 U	6.6 U
7439-89-6	Iron	mg/Kg	22200	16800	14700	37.3 J	65.6 U	41.3 J
7439-92-1	Lead	mg/Kg	8.43	10.4	2.9	2.6 U	2.6 U	2.6 U
7439-95-4	Magnesium	mg/Kg	3980	2090	3910	137 J	134 J	138 J
7439-96-5	Manganese	mg/Kg	398 J	127 J	633 J	1.7 U	3.56 J	2.32 J
7439-97-6	Mercury	mg/Kg	0.005 J	0.013	0.008 J	0.09 U	0.09 U	0.09 U
7440-02-0	Nickel	mg/Kg	22	8.81	52.3	4.2 U	4.2 U	4.2 U
7440-09-7	Potassium	mg/Kg	2260	562	3130	98.7 J	209 J	101 J
7782-49-2	Selenium	mg/Kg	1.12	1.4	0.98	11.4	9.98 J	9.18 J
7440-22-4	Silver	mg/Kg	0.13 U	0.13 U	0.12 U	1.5 U	1.5 U	1.5 U
7440-23-5	Sodium	mg/Kg	257 UJ	324 UJ	1210 J	2710	2310	2280
7440-28-0	Thallium	mg/Kg	0.23 U	0.24 U	0.21 U	2.4 U	2.4 U	2.4 U
7440-62-2	Vanadium	mg/Kg	28.1	26.7	25.7	6.1 U	6.1 U	6.1 U
7440-66-6	Zinc	mg/Kg	48	28	31	17.4 J	23.3	28.5
57-12-5	Cyanide	mg/Kg	4.17	0.564 U	0.641 U	10 U	10 U	10 U

Consolidated Edison Farrington Street Validated Soil Analytical Data SDG: A3062		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	SB-24(10-12) A3062-01	SB-24(12-14) A3062-02	SB-26(14-16) A3062-03	SB-26(24-26) A3062-04	060509FB A3062-05
CAS NO.	COMPOUND	UNITS:					
	VOLATILES						
75-71-8	Dichlorodifluoromethane	ug/Kg	3.9 U	4 U	78 U	0.84 UJ	0.55 U
74-87-3	Chloromethane	ug/Kg	5.2 U	5.2 U	77 U	1.1 UJ	0.54 UJ
75-01-4	Vinyl chloride	ug/Kg	7.4 U	7.5 U	48 U	1.6 UJ	0.34 U
74-83-9	Bromomethane	ug/Kg	15 U	15 U	88 U	3.2 UJ	0.62 U
75-00-3	Chloroethane	ug/Kg	8.4 U	8.5 U	94 U	1.8 UJ	0.66 UJ
75-69-4	Trichlorofluoromethane	ug/Kg	8 U	8 U	50 U	1.7 UJ	0.35 U
76-13-1	1,1,2-Trichlorotrifluoroethane	ug/Kg	8 U	8.1 U	64 U	1.7 UJ	0.45 U
75-35-4	1,1-Dichloroethene	ug/Kg	8.9 U	9 U	67 U	1.9 UJ	0.47 U
67-64-1	Acetone	ug/Kg	18 U	18 U	390 U	3.9 UJ	2.8 UJ
75-15-0	Carbon Disulfide	ug/Kg	6.4 U	6.5 U	77 U	1.4 UJ	0.54 U
1634-04-4	Methyl tert-butyl Ether	ug/Kg	5.8 U	5.9 U	50 U	1.2 UJ	0.35 U
79-20-9	Methyl Acetate	ug/Kg	9.1 U	9.2 U	120 U	2 UJ	0.83 U
75-09-2	Methylene Chloride	ug/Kg	8.6 U	8.7 U	58 U	1.8 UJ	0.41 U
156-60-5	trans-1,2-Dichloroethene	ug/Kg	4.2 U	4.2 U	58 U	0.9 UJ	0.41 U
75-34-3	1,1-Dichloroethane	ug/Kg	5.7 U	5.7 U	51 U	1.2 UJ	0.36 U
110-82-7	Cyclohexane	ug/Kg	6.1 U	6.2 U	78 U	1.3 UJ	0.55 U
78-93-3	2-Butanone	ug/Kg	19 U	19 U	190 U	4 UJ	1.3 UJ
56-23-5	Carbon Tetrachloride	ug/Kg	6 U	6 U	88 U	1.3 UJ	0.62 U
156-59-2	cis-1,2-Dichloroethene	ug/Kg	5.4 U	5.4 U	50 U	1.2 UJ	0.35 U
67-66-3	Chloroform	ug/Kg	4.5 U	4.5 U	48 U	0.96 UJ	0.34 U
71-55-6	1,1,1-Trichloroethane	ug/Kg	5.3 U	5.4 U	57 U	1.1 UJ	0.4 U
108-87-2	Methylcyclohexane	ug/Kg	6.4 U	9.1 J	590 J	1.4 UJ	0.68 U
71-43-2	Benzene	ug/Kg	2.3 U	2.3 U	6900	0.49 UJ	0.32 U
107-06-2	1,2-Dichloroethane	ug/Kg	3.9 U	3.9 U	68 U	0.83 UJ	0.48 U
79-01-6	Trichloroethene	ug/Kg	5.2 U	5.2 U	40 U	1.1 UJ	0.28 U
78-87-5	1,2-Dichloropropane	ug/Kg	1.6 U	1.6 U	65 U	0.34 UJ	0.46 U
75-27-4	Bromodichloromethane	ug/Kg	3.7 U	3.8 U	51 U	0.81 UJ	0.36 U
108-10-1	4-Methyl-2-Pentanone	ug/Kg	18 U	18 U	300 U	3.8 UJ	2.1 UJ
108-88-3	Toluene	ug/Kg	3.9 U	3.9 U	180 J	0.83 UJ	0.37 U
10061-02-6	t-1,3-Dichloropropene	ug/Kg	4.8 U	4.8 U	41 U	1 UJ	0.29 U
10061-01-5	cis-1,3-Dichloropropene	ug/Kg	4.3 U	4.4 U	44 U	0.94 UJ	0.31 U
79-00-5	1,1,2-Trichloroethane	ug/Kg	5.4 U	5.5 U	54 U	1.2 UJ	0.38 U

Consolidated Edison Farrington Street Validated Soil Analytical Data SDG: A3062		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	SB-24(10-12) A3062-01	SB-24(12-14) A3062-02	SB-26(14-16) A3062-03	SB-26(24-26) A3062-04	060509FB A3062-05
CAS NO.	COMPOUND	UNITS:					
	VOLATILES						
591-78-6	2-Hexanone	ug/Kg	24 U	24 U	280 U	5.1 UJ	1.9 UJ
124-48-1	Dibromochloromethane	ug/Kg	3.3 U	3.3 U	74 U	0.7 UJ	0.52 U
106-93-4	1,2-Dibromoethane	ug/Kg	3.9 U	3.9 U	58 U	0.83 UJ	0.41 U
127-18-4	Tetrachloroethene	ug/Kg	6.1 U	6.2 U	38 U	1.3 UJ	0.27 UJ
108-90-7	Chlorobenzene	ug/Kg	3 U	3 U	70 U	0.65 UJ	0.49 U
100-41-4	Ethyl Benzene	ug/Kg	3.7 U	44	48000	0.81 UJ	0.53 U
136777-61-2	m/p-Xylenes	ug/Kg	4.3 U	14 J	1800	0.94 UJ	0.95 U
1330-20-7	o-Xylene	ug/Kg	4.1 U	24 J	16000	0.88 UJ	0.43 U
100-42-5	Styrene	ug/Kg	2.7 U	2.7 U	51 U	0.58 UJ	0.36 U
75-25-2	Bromoform	ug/Kg	4.5 U	4.5 U	67 U	0.96 UJ	0.47 U
98-82-8	Isopropylbenzene	ug/Kg	2.9 U	20 J	6300	0.62 UJ	0.45 U
79-34-5	1,1,2,2-Tetrachloroethane	ug/Kg	2.8 U	2.8 U	44 U	0.6 UJ	0.31 U
541-73-1	1,3-Dichlorobenzene	ug/Kg	2.2 U	2.3 U	61 U	0.48 UJ	0.43 U
106-46-7	1,4-Dichlorobenzene	ug/Kg	2.5 U	2.5 U	45 U	0.53 UJ	0.32 U
95-50-1	1,2-Dichlorobenzene	ug/Kg	3.7 U	3.8 U	64 U	0.81 UJ	0.45 U
96-12-8	1,2-Dibromo-3-Chloropropane	ug/Kg	5.2 U	5.3 U	65 U	1.1 UJ	0.46 U
120-82-1	1,2,4-Trichlorobenzene	ug/Kg	4.2 U	4.3 U	88 U	0.91 UJ	0.62 U

Consolidated Edison Farrington Street Validated Soil Analytical Data SDG: A3062		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	SB-24(10-12) A3062-01	SB-24(12-14) A3062-02	SB-26(14-16) A3062-03	SB-26(24-26) A3062-04	060509FB A3062-05
CAS NO.	COMPOUND	UNITS:					
	SEMIVOLATILES						
100-52-7	Benzaldehyde	ug/Kg	21 U	21 UJ	190 U	23 U	0.86 U
108-95-2	Phenol	ug/Kg	9.3 U	9.4 UJ	400 J	10 U	0.23 U
95-57-8	2-Chlorophenol	ug/Kg	21 U	21 UJ	200 U	23 U	0.6 U
50-32-8	2-Methylphenol	ug/Kg	22 U	22 UJ	200 U	23 U	0.27 U
108-60-1	2,2-oxybis(1-Chloropropane)	ug/Kg	17 U	17 UJ	150 U	18 U	0.19 U
98-86-2	Acetophenone	ug/Kg	12 U	12 UJ	110 U	13 U	0.16 U
87-86-5	3+4-Methylphenols	ug/Kg	21 U	21 UJ	190 U	22 U	0.42 U
621-64-7	N-Nitroso-di-n-propylamine	ug/Kg	20 U	20 UJ	190 U	22 U	0.22 U
67-72-1	Hexachloroethane	ug/Kg	18 U	18 UJ	170 U	19 U	0.28 U
98-95-3	Nitrobenzene	ug/Kg	15 U	15 UJ	140 U	16 U	0.76 U
78-59-1	Isophorone	ug/Kg	13 U	13 UJ	120 U	14 U	0.33 U
88-75-5	2-Nitrophenol	ug/Kg	19 U	20 UJ	180 U	21 U	0.58 U
105-67-9	2,4-Dimethylphenol	ug/Kg	23 U	23 UJ	210 U	24 U	0.79 U
111-91-1	bis(2-Chloroethoxy)methane	ug/Kg	23 U	23 UJ	210 U	25 U	0.61 U
120-83-2	2,4-Dichlorophenol	ug/Kg	15 U	15 UJ	140 U	16 U	0.73 U
91-20-3	Naphthalene	ug/Kg	14 U	14 UJ	850000	240 J	0.13 U
106-47-8	4-Chloroaniline	ug/Kg	28 U	29 UJ	260 U	30 U	3.2 U
87-68-3	Hexachlorobutadiene	ug/Kg	15 U	15 UJ	130 U	16 U	0.28 U
105-60-2	Caprolactam	ug/Kg	19 U	19 UJ	170 U	20 U	5 U
111-44-4	bis(2-Chloroethyl)ether	ug/Kg	19 U	19 UJ	180 U	21 U	0.61 U
59-50-7	4-Chloro-3-methylphenol	ug/Kg	18 U	18 UJ	160 U	19 U	0.44 U
91-57-6	2-Methylnaphthalene	ug/Kg	10 UJ	10 UJ	530000 J	160 J	0.36 U
77-47-4	Hexachlorocyclopentadiene	ug/Kg	9.7 U	9.9 UJ	90 U	10 U	0.27 UJ
88-06-2	2,4,6-Trichlorophenol	ug/Kg	12 U	12 UJ	110 U	13 U	0.62 U
95-95-4	2,4,5-Trichlorophenol	ug/Kg	28 U	28 UJ	260 U	30 U	0.44 U
92-52-4	1,1-Biphenyl	ug/Kg	15 U	15 UJ	43000	16 U	0.17 U
91-58-7	2-Chloronaphthalene	ug/Kg	9.1 U	9.3 UJ	85 U	9.8 U	0.18 U
621-64-7	2-Nitroaniline	ug/Kg	18 U	18 UJ	160 U	19 U	0.54 U
131-11-3	Dimethylphthalate	ug/Kg	400 U	400 UJ	3700 U	430 U	0.24 U
208-96-8	Acenaphthylene	ug/Kg	10 U	57 J	13000	11 U	0.78 U
606-20-2	2,6-Dinitrotoluene	ug/Kg	16 U	17 UJ	150 U	18 U	0.36 U

Consolidated Edison Farrington Street Validated Soil Analytical Data SDG: A3062		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	SB-24(10-12) A3062-01	SB-24(12-14) A3062-02	SB-26(14-16) A3062-03	SB-26(24-26) A3062-04	060509FB A3062-05
CAS NO.	COMPOUND	UNITS:					
	SEMIVOLATILES						
621-64-7	3-Nitroaniline	ug/Kg	26 U	26 UJ	240 U	28 U	1.2 U
83-32-9	Acenaphthene	ug/Kg	11 U	11 UJ	180000	100 J	0.23 U
51-28-5	2,4-Dinitrophenol	ug/Kg	41 UJ	41 UJ	380 UJ	44 UJ	2.3 UJ
100-02-7	4-Nitrophenol	ug/Kg	74 U	75 UJ	690 U	80 U	13 U
132-64-9	Dibenzofuran	ug/Kg	16 UJ	16 UJ	9200 J	17 UJ	0.27 U
121-14-2	2,4-Dinitrotoluene	ug/Kg	12 U	12 UJ	110 U	13 U	1.1 U
84-66-2	Diethylphthalate	ug/Kg	6.3 U	6.3 UJ	58 U	6.7 U	0.42 U
7005-72-3	4-Chlorophenyl-phenylether	ug/Kg	22 U	22 UJ	200 U	23 U	0.23 U
86-73-7	Fluorene	ug/Kg	15 U	15 UJ	81000	44 J	0.34 U
621-64-7	4-Nitroaniline	ug/Kg	52 U	53 UJ	480 U	56 U	1.5 U
534-52-1	4,6-Dinitro-2-methylphenol	ug/Kg	23 UJ	23 UJ	210 UJ	25 UJ	0.82 UJ
86-30-6	N-Nitrosodiphenylamine	ug/Kg	9.6 U	9.7 UJ	89 U	10 U	0.67 U
101-55-3	4-Bromophenyl-phenylether	ug/Kg	7.8 U	7.9 UJ	72 U	8.4 U	0.26 U
118-74-1	Hexachlorobenzene	ug/Kg	16 U	17 UJ	150 U	18 U	0.2 U
1912-24-9	Atrazine	ug/Kg	21 U	21 UJ	200 U	23 U	0.44 U
87-86-5	Pentachlorophenol	ug/Kg	27 U	680 J	8900	30 U	1.9 U
85-01-8	Phenanthrene	ug/Kg	11 U	45 J	240000	130 J	0.29 U
120-12-7	Anthracene	ug/Kg	8.2 U	52 J	72000	43 J	0.18 U
86-74-8	Carbazole	ug/Kg	8.8 U	8.9 UJ	2400 J	9.4 U	0.24 U
84-74-2	Di-n-butylphthalate	ug/Kg	31 UJ	32 UJ	290 UJ	34 UJ	2.7 U
206-44-0	Fluoranthene	ug/Kg	48 J	76 J	64000	8.7 U	0.44 U
129-00-0	Pyrene	ug/Kg	160 J	180 J	110000	66 J	0.22 U
85-68-7	Butylbenzylphthalate	ug/Kg	19 U	41 J	180 U	21 U	0.21 U
91-94-1	3,3-Dichlorobenzidine	ug/Kg	26 U	26 UJ	240 U	28 U	7.7 U
120-12-7	Benzo(a)anthracene	ug/Kg	55 J	92 J	35000 J	21 UJ	0.18 U
218-01-9	Chrysene	ug/Kg	75 J	110 J	33000 J	20 UJ	0.2 U
117-81-7	Bis(2-ethylhexyl)phthalate	ug/Kg	14 U	48 J	130 U	15 U	0.18 U
117-84-0	Di-n-octyl phthalate	ug/Kg	4.6 UJ	42 J	42 UJ	4.9 UJ	0.57 U
205-99-2	Benzo(b)fluoranthene	ug/Kg	87 J	130 J	17000	14 U	0.32 U
207-08-9	Benzo(k)fluoranthene	ug/Kg	19 UJ	59 J	6800 J	20 UJ	0.2 U
50-32-8	Benzo(a)pyrene	ug/Kg	89 J	130 J	22000 J	9.3 UJ	0.16 U
193-39-5	Indeno(1,2,3-cd)pyrene	ug/Kg	48 J	79 J	5500	14 U	0.17 U
53-70-3	Dibenz(a,h)anthracene	ug/Kg	12 U	44 J	2600 J	12 U	0.47 U
191-24-2	Benzo(g,h,i)perylene	ug/Kg	63 J	90 J	9200	17 U	0.32 U

Consolidated Edison Farrington Street Validated Soil Analytical Data SDG: A3062		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	SB-24(10-12) A3062-01	SB-24(12-14) A3062-02	SB-26(14-16) A3062-03	SB-26(24-26) A3062-04	060509FB A3062-05
CAS NO.	COMPOUND	UNITS:					
	INORGANICS						
7429-90-5	Aluminum	mg/Kg	8400	6710	3240	4190	28.2 J
7440-36-0	Antimony	mg/Kg	0.5 J	0.62 J	0.42 U	0.48 U	8 U
7440-38-2	Arsenic	mg/Kg	0.49 J	2.25	0.25 U	0.53 J	4.2 U
7440-39-3	Barium	mg/Kg	73.3	66	32.1	52.8	4 U
7440-41-7	Beryllium	mg/Kg	0.29	0.44	0.15 J	0.17 J	0.7 U
7440-43-9	Cadmium	mg/Kg	0.48	0.46	0.15 J	0.23 J	0.5 U
7440-70-2	Calcium	mg/Kg	1310	1840	957	703	673 J
7440-47-3	Chromium	mg/Kg	22.9	18	11.4	15.6	1.1 U
7440-48-4	Cobalt	mg/Kg	7.74	6.99	4.67	5.7	5.8 U
7440-50-8	Copper	mg/Kg	19.4	23.4	10.8	10.3	6.6 U
7439-89-6	Iron	mg/Kg	17900	14400	12600	15600	18.5 J
7439-92-1	Lead	mg/Kg	27.5	73.4	1.97	2.21	2.6 U
7439-95-4	Magnesium	mg/Kg	2960	2410	1440	2100	44.5 J
7439-96-5	Manganese	mg/Kg	225	142	171	106	1.7 U
7439-97-6	Mercury	mg/Kg	0.045	0.067	0.009 J	0.006 J	0.09 U
7440-02-0	Nickel	mg/Kg	18.1	17	16.6	16.7	4.2 U
7440-09-7	Potassium	mg/Kg	2750	1730	1300	2020	254 J
7782-49-2	Selenium	mg/Kg	0.38 J	0.71 J	0.52 J	0.52 J	4.8 U
7440-22-4	Silver	mg/Kg	0.12 U	0.12 U	0.11 U	0.13 U	1.5 U
7440-23-5	Sodium	mg/Kg	169	190	71.4 J	277	305 J
7440-28-0	Thallium	mg/Kg	0.22 U	0.22 U	0.2 U	0.23 U	2.4 U
7440-62-2	Vanadium	mg/Kg	31.5	27.4	14	21.3	6.1 U
7440-66-6	Zinc	mg/Kg	54.1	67.3	22.9	23.4	10.2 J
57-12-5	Cyanide	mg/Kg	0.6 U	0.6 U	0.56 U	0.64 U	10 U

ATTACHMENT A-2

VALIDATED LABORATORY DATA FOR GROUNDWATER

			Dup of MW-14				
Consolidated Edison Farrington Street Validated Groundwater Analytical Data SDG: A3178		Sample ID:	MW-114	MW-13	MW-14	MW-16	MW-17
		Lab Sample Id	A3178-05	A3178-01	A3178-02	A3178-10	A3178-07
		Depth:					
		Source:	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech
		SDG:	A3178	A3178	A3178	A3178	A3178
Matrix:	WATER	WATER	WATER	WATER	WATER		
Sampled:	6/15/2009	6/15/2009	6/15/2009	6/16/2009	6/15/2009		
Validated:	7/7/2009	7/7/2009	7/7/2009	7/7/2009	7/7/2009		
CAS NO.	COMPOUND	UNITS:					
	VOLATILES						
75-71-8	Dichlorodifluoromethane	ug/L	0.55 U	0.55 U	0.55 U	0.55 UJ	0.55 U
74-87-3	Chloromethane	ug/L	0.54 U	0.54 U	0.54 U	0.54 UJ	0.54 U
75-01-4	Vinyl chloride	ug/L	1.2 J	0.34 U	2.4 J	0.34 UJ	0.34 U
74-83-9	Bromomethane	ug/L	0.62 U	0.62 U	0.62 UJ	0.62 UJ	0.62 UJ
75-00-3	Chloroethane	ug/L	0.66 U	0.66 U	0.66 U	0.66 UJ	0.66 U
75-69-4	Trichlorofluoromethane	ug/L	0.35 U	0.35 U	0.35 U	0.35 UJ	0.35 U
76-13-1	1,1,2-Trichlorotrifluoroethane	ug/L	0.45 UJ	0.45 UJ	0.45 U	0.45 UJ	0.45 U
75-35-4	1,1-Dichloroethene	ug/L	0.47 U	0.47 U	0.47 U	0.47 UJ	0.47 U
67-64-1	Acetone	ug/L	2.8 U	2.8 U	2.8 U	2.8 UJ	2.8 U
75-15-0	Carbon Disulfide	ug/L	0.54 U	0.54 U	0.54 U	0.54 UJ	0.54 U
1634-04-4	Methyl tert-butyl Ether	ug/L	4.9 J	0.35 U	3.9 J	9.9 J	57
79-20-9	Methyl Acetate	ug/L	0.83 U	0.83 U	0.83 U	0.83 UJ	0.83 U
75-09-2	Methylene Chloride	ug/L	0.41 U	0.41 U	0.41 U	0.41 UJ	0.41 U
156-60-5	trans-1,2-Dichloroethene	ug/L	4.5 J	0.41 U	4.5 J	0.41 UJ	0.41 U
75-34-3	1,1-Dichloroethane	ug/L	0.36 U	0.36 U	0.36 U	0.36 UJ	0.36 U
110-82-7	Cyclohexane	ug/L	0.55 U	0.55 U	0.55 U	3 J	0.55 U
78-93-3	2-Butanone	ug/L	1.3 U	1.3 U	1.3 U	1.3 UJ	1.3 U
56-23-5	Carbon Tetrachloride	ug/L	0.62 U	0.62 U	0.62 U	0.62 UJ	0.62 U
156-59-2	cis-1,2-Dichloroethene	ug/L	8.4	0.35 U	8.1	0.35 UJ	0.35 U
67-66-3	Chloroform	ug/L	0.34 U	0.34 U	0.34 U	0.34 UJ	0.34 U
71-55-6	1,1,1-Trichloroethane	ug/L	0.4 U	0.4 U	0.4 U	0.4 UJ	0.4 U
108-87-2	Methylcyclohexane	ug/L	1.6 J	0.68 U	1.2 J	6.5 J	0.68 U
71-43-2	Benzene	ug/L	2.9 J	0.32 U	2.8 J	2300	9.9
107-06-2	1,2-Dichloroethane	ug/L	0.48 U	0.48 U	0.48 U	0.48 UJ	0.48 U
79-01-6	Trichloroethene	ug/L	3.5 J	0.28 U	2.9 J	0.28 UJ	0.28 U
78-87-5	1,2-Dichloropropane	ug/L	0.46 U	0.46 U	0.46 U	0.46 UJ	0.46 U
75-27-4	Bromodichloromethane	ug/L	0.36 U	0.36 U	0.36 U	0.36 UJ	0.36 U
108-10-1	4-Methyl-2-Pentanone	ug/L	2.1 U	2.1 U	2.1 U	2.1 UJ	2.1 U
108-88-3	Toluene	ug/L	0.37 U	0.37 U	0.37 U	17 J	0.37 U
10061-02-6	t-1,3-Dichloropropene	ug/L	0.29 U	0.29 U	0.29 U	0.29 UJ	0.29 U
10061-01-5	cis-1,3-Dichloropropene	ug/L	0.31 U	0.31 U	0.31 U	0.31 UJ	0.31 UJ
79-00-5	1,1,2-Trichloroethane	ug/L	0.38 U	0.38 U	0.38 U	0.38 UJ	0.38 U

			Dup of MW-14					
Consolidated Edison Farrington Street Validated Groundwater Analytical Data SDG: A3178			Sample ID: Lab Sample Id Depth: Source: SDG: Matrix: Sampled: Validated:	MW-114 A3178-05 Chemtech A3178 WATER 6/15/2009 7/7/2009	MW-13 A3178-01 Chemtech A3178 WATER 6/15/2009 7/7/2009	MW-14 A3178-02 Chemtech A3178 WATER 6/15/2009 7/7/2009	MW-16 A3178-10 Chemtech A3178 WATER 6/16/2009 7/7/2009	MW-17 A3178-07 Chemtech A3178 WATER 6/15/2009 7/7/2009
CAS NO.	COMPOUND	UNITS:						
	VOLATILES							
591-78-6	2-Hexanone	ug/L	1.9 U	1.9 U	1.9 U	1.9 U	1.9 UJ	1.9 U
124-48-1	Dibromochloromethane	ug/L	0.52 U	0.52 U	0.52 U	0.52 U	0.52 UJ	0.52 U
106-93-4	1,2-Dibromoethane	ug/L	0.41 U	0.41 U	0.41 U	0.41 U	0.41 UJ	0.41 U
127-18-4	Tetrachloroethene	ug/L	0.27 U	0.27 U	0.27 U	0.27 U	0.27 UJ	0.27 U
108-90-7	Chlorobenzene	ug/L	0.49 U	0.49 U	0.49 U	0.49 U	0.49 UJ	0.49 U
100-41-4	Ethyl Benzene	ug/L	120	0.53 U	90	250		2 J
136777-61-2	m/p-Xylenes	ug/L	3.8 J	0.95 U	3.5 J	67 J		1.6 J
1330-20-7	o-Xylene	ug/L	25	0.43 U	25	170 J		1.6 J
100-42-5	Styrene	ug/L	0.36 U	0.36 U	0.36 U	0.36 U	0.36 UJ	0.36 U
75-25-2	Bromoform	ug/L	0.47 U	0.47 U	0.47 U	0.47 UJ	0.47 UJ	0.47 UJ
98-82-8	Isopropylbenzene	ug/L	15	0.45 U	14	110 J		1.1 J
79-34-5	1,1,2,2-Tetrachloroethane	ug/L	0.31 U	0.31 U	0.31 U	0.31 U	0.31 UJ	0.31 U
541-73-1	1,3-Dichlorobenzene	ug/L	0.43 U	0.43 U	0.43 U	0.43 U	0.43 UJ	0.43 U
106-46-7	1,4-Dichlorobenzene	ug/L	0.32 U	0.32 U	0.32 U	0.32 U	0.32 UJ	0.32 U
95-50-1	1,2-Dichlorobenzene	ug/L	0.45 U	0.45 U	0.45 U	0.45 U	0.45 UJ	0.45 U
96-12-8	1,2-Dibromo-3-Chloropropane	ug/L	0.46 U	0.46 U	0.46 U	0.46 U	0.46 UJ	0.46 U
120-82-1	1,2,4-Trichlorobenzene	ug/L	0.62 U	0.62 U	0.62 U	0.62 U	0.62 UJ	0.62 U

			Dup of MW-14					
Consolidated Edison Farrington Street Validated Groundwater Analytical Data SDG: A3178			Sample ID: Lab Sample Id Depth: Source: SDG: Matrix: Sampled: Validated:	MW-114 A3178-05 Chemtech A3178 WATER 6/15/2009 7/7/2009	MW-13 A3178-01 Chemtech A3178 WATER 6/15/2009 7/7/2009	MW-14 A3178-02 Chemtech A3178 WATER 6/15/2009 7/7/2009	MW-16 A3178-10 Chemtech A3178 WATER 6/16/2009 7/7/2009	MW-17 A3178-07 Chemtech A3178 WATER 6/15/2009 7/7/2009
CAS NO.	COMPOUND	UNITS:						
	SEMIVOLATILES							
100-52-7	Benzaldehyde	ug/L	0.86 U	0.77 U	0.87 U	0.86 U	0.87 U	
108-95-2	Phenol	ug/L	6.9 J	5.2 J	0.24 U	22	1.4 J	
95-57-8	2-Chlorophenol	ug/L	0.6 U	0.54 U	0.61 U	0.6 U	0.61 U	
50-32-8	2-Methylphenol	ug/L	0.27 U	0.24 U	0.27 U	0.27 U	0.27 U	
108-60-1	2,2-oxybis(1-Chloropropane)	ug/L	0.19 U	0.17 U	0.19 U	0.19 U	0.19 U	
98-86-2	Acetophenone	ug/L	0.16 U	0.14 U	0.16 U	0.16 U	0.16 U	
87-86-5	3+4-Methylphenols	ug/L	0.42 U	0.38 U	0.43 U	0.42 U	0.43 U	
621-64-7	N-Nitroso-di-n-propylamine	ug/L	0.22 U	0.2 U	0.22 U	0.22 U	0.23 U	
67-72-1	Hexachloroethane	ug/L	0.28 U	0.25 U	0.28 U	0.28 U	0.28 U	
98-95-3	Nitrobenzene	ug/L	0.76 U	0.68 U	0.76 U	0.76 U	0.77 U	
78-59-1	Isophorone	ug/L	0.33 U	0.3 U	0.34 U	0.33 U	0.34 U	
88-75-5	2-Nitrophenol	ug/L	0.58 U	0.52 U	0.58 U	0.58 U	0.59 U	
105-67-9	2,4-Dimethylphenol	ug/L	0.79 U	0.71 U	0.8 U	0.79 U	0.81 U	
111-91-1	bis(2-Chloroethoxy)methane	ug/L	0.61 U	0.55 U	0.62 U	0.61 U	0.62 U	
120-83-2	2,4-Dichlorophenol	ug/L	0.73 U	0.66 U	0.74 U	0.73 U	0.75 U	
91-20-3	Naphthalene	ug/L	650 J	510	21 J	1900	11 J	
106-47-8	4-Chloroaniline	ug/L	3.2 U	2.9 U	3.2 U	3.2 U	3.2 U	
87-68-3	Hexachlorobutadiene	ug/L	0.28 U	0.25 U	0.28 U	0.28 U	0.28 U	
105-60-2	Caprolactam	ug/L	5 U	4.5 U	5 U	5 U	5.1 U	
111-44-4	bis(2-Chloroethyl)ether	ug/L	0.61 U	0.55 U	0.62 U	0.61 U	0.62 U	
59-50-7	4-Chloro-3-methylphenol	ug/L	0.44 U	0.4 U	0.45 U	0.44 U	0.45 U	
91-57-6	2-Methylnaphthalene	ug/L	100 J	82	3.4 J	460	2.6 J	
77-47-4	Hexachlorocyclopentadiene	ug/L	0.27 U	0.24 U	0.27 U	0.27 U	0.27 U	
88-06-2	2,4,6-Trichlorophenol	ug/L	0.62 U	0.56 U	0.63 U	0.62 U	0.64 U	
95-95-4	2,4,5-Trichlorophenol	ug/L	0.44 U	0.4 U	0.45 U	0.44 U	0.45 U	
92-52-4	1,1-Biphenyl	ug/L	6.7 J	5.6 J	0.17 U	9.9 J	0.17 U	
91-58-7	2-Chloronaphthalene	ug/L	0.18 U	0.16 U	0.18 U	0.18 U	0.18 U	
621-64-7	2-Nitroaniline	ug/L	0.54 U	0.49 U	0.55 U	0.54 U	0.56 U	
131-11-3	Dimethylphthalate	ug/L	0.24 U	0.22 U	0.25 U	0.24 U	0.25 U	
208-96-8	Acenaphthylene	ug/L	0.78 U	0.7 U	0.79 U	0.78 U	4 J	
606-20-2	2,6-Dinitrotoluene	ug/L	0.36 U	0.32 U	0.36 U	0.36 U	0.36 U	

			Dup of MW-14				
Consolidated Edison Farrington Street Validated Groundwater Analytical Data SDG: A3178		Sample ID:	MW-114	MW-13	MW-14	MW-16	MW-17
		Lab Sample Id	A3178-05	A3178-01	A3178-02	A3178-10	A3178-07
		Depth:					
		Source:	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech
		SDG:	A3178	A3178	A3178	A3178	A3178
Matrix:	WATER	WATER	WATER	WATER	WATER		
Sampled:	6/15/2009	6/15/2009	6/15/2009	6/16/2009	6/15/2009		
Validated:	7/7/2009	7/7/2009	7/7/2009	7/7/2009	7/7/2009		
CAS NO.	COMPOUND	UNITS:					
	SEMIVOLATILES						
621-64-7	3-Nitroaniline	ug/L	1.2 U	1.1 U	1.2 U	1.2 U	1.2 U
83-32-9	Acenaphthene	ug/L	110	89	9.2 J	180 J	23
51-28-5	2,4-Dinitrophenol	ug/L	2.3 UJ	2.1 UJ	2.4 UJ	2.3 UJ	2.4 UJ
100-02-7	4-Nitrophenol	ug/L	13 U	12 U	13 U	13 U	13 U
132-64-9	Dibenzofuran	ug/L	6.7 J	5.6 J	0.27 U	5 J	4.7 J
121-14-2	2,4-Dinitrotoluene	ug/L	1.1 U	1 U	1.2 U	1.1 U	1.2 U
84-66-2	Diethylphthalate	ug/L	0.42 U	0.38 U	0.43 U	0.42 U	0.43 U
7005-72-3	4-Chlorophenyl-phenylether	ug/L	0.23 U	0.21 U	0.24 U	0.23 U	0.24 U
86-73-7	Fluorene	ug/L	36 J	31	1.9 J	32	18
621-64-7	4-Nitroaniline	ug/L	1.5 U	1.4 U	1.5 U	1.5 U	1.5 U
534-52-1	4,6-Dinitro-2-methylphenol	ug/L	0.82 UJ	0.74 UJ	0.83 UJ	0.82 UJ	0.84 UJ
86-30-6	N-Nitrosodiphenylamine	ug/L	0.67 UJ	0.6 U	0.67 U	0.67 U	0.68 U
101-55-3	4-Bromophenyl-phenylether	ug/L	0.26 UJ	0.23 U	0.26 U	0.26 U	0.26 U
118-74-1	Hexachlorobenzene	ug/L	0.2 UJ	0.18 U	0.2 U	0.2 U	0.2 U
1912-24-9	Atrazine	ug/L	0.44 UJ	0.4 U	0.45 U	0.44 U	0.45 U
87-86-5	Pentachlorophenol	ug/L	1.9 UJ	1.7 U	1.9 U	4.2 J	2 U
85-01-8	Phenanthrene	ug/L	53 J	45	2.1 J	34	4.1 J
120-12-7	Anthracene	ug/L	13 J	11	0.18 U	5 J	1.6 J
86-74-8	Carbazole	ug/L	3.3 J	2.9 J	0.25 U	25	0.25 U
84-74-2	Di-n-butylphthalate	ug/L	2.7 UJ	2.4 U	2.7 U	2.7 U	2.7 U
206-44-0	Fluoranthene	ug/L	11 J	8.6 J	2.1 J	2 J	1.6 J
129-00-0	Pyrene	ug/L	12 J	9.7 J	2.9 J	2 J	1.3 J
85-68-7	Butylbenzylphthalate	ug/L	0.21 UJ	0.19 U	0.21 U	0.21 U	0.22 UJ
91-94-1	3,3-Dichlorobenzidine	ug/L	7.7 UJ	6.9 U	7.8 U	7.7 U	7.9 UJ
120-12-7	Benzo(a)anthracene	ug/L	2.3 J	1.8 J	0.18 U	0.18 U	0.18 UJ
218-01-9	Chrysene	ug/L	2.2 J	1.7 J	0.2 U	0.2 U	0.2 UJ
117-81-7	Bis(2-ethylhexyl)phthalate	ug/L	0.18 UJ	0.16 U	0.18 U	0.18 U	0.18 UJ
117-84-0	Di-n-octyl phthalate	ug/L	0.57 UJ	0.51 U	0.57 U	0.57 U	0.58 UJ
205-99-2	Benzo(b)fluoranthene	ug/L	1.2 J	0.29 U	0.33 U	0.32 U	0.33 UJ
207-08-9	Benzo(k)fluoranthene	ug/L	0.2 U	0.18 U	0.2 U	0.2 U	0.2 UJ
50-32-8	Benzo(a)pyrene	ug/L	1.3 J	0.14 U	0.16 U	0.16 U	0.16 UJ
193-39-5	Indeno(1,2,3-cd)pyrene	ug/L	0.17 UJ	0.15 U	0.17 U	0.17 U	0.17 UJ
53-70-3	Dibenz(a,h)anthracene	ug/L	0.47 U	0.42 U	0.47 U	0.47 U	0.48 UJ
191-24-2	Benzo(g,h,i)perylene	ug/L	0.32 U	0.29 U	0.33 U	0.32 U	0.33 UJ

			Dup of MW-14					
Consolidated Edison Farrington Street Validated Groundwater Analytical Data SDG: A3178			Sample ID:	MW-114	MW-13	MW-14	MW-16	MW-17
			Lab Sample Id	A3178-05	A3178-01	A3178-02	A3178-10	A3178-07
			Depth:					
			Source:	Chemtech	Chemtech	Chemtech	Chemtech	Chemtech
			SDG:	A3178	A3178	A3178	A3178	A3178
			Matrix:	WATER	WATER	WATER	WATER	WATER
			Sampled:	6/15/2009	6/15/2009	6/15/2009	6/16/2009	6/15/2009
			Validated:	7/7/2009	7/7/2009	7/7/2009	7/7/2009	7/7/2009
CAS NO.	COMPOUND	UNITS:						
	INORGANICS							
7429-90-5	Aluminum	ug/L	110	435	111	43.7 J	762	
7440-36-0	Antimony	ug/L	8 U	8 U	8 U	8 U	8 U	
7440-38-2	Arsenic	ug/L	4.2 U	4.2 U	4.2 U	4.2 U	4.2 U	
7440-39-3	Barium	ug/L	77.7	157	78.4	479	177	
7440-41-7	Beryllium	ug/L	0.7 U	0.7 U	0.7 U	0.7 U	0.7 U	
7440-43-9	Cadmium	ug/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	
7440-70-2	Calcium	ug/L	69900 J	96500 J	70700 J	113000 J	141000 J	
7440-47-3	Chromium	ug/L	1.1 U	2.49 J	1.1 U	1.1 U	1.29 J	
7440-48-4	Cobalt	ug/L	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U	
7440-50-8	Copper	ug/L	6.6 U	6.6 U	6.6 U	6.6 U	6.6 U	
7439-89-6	Iron	ug/L	11600 J	4060 J	11700 J	39400 J	63100 J	
7439-92-1	Lead	ug/L	5.76 J	6.53	4 J	3.75 J	7.93	
7439-95-4	Magnesium	ug/L	18300 J	24500 J	18800 J	74100 J	15600 J	
7439-96-5	Manganese	ug/L	2540 J	1490 J	2620 J	1740 J	1710 J	
7439-97-6	Mercury	ug/L	0.09 U	0.09 U	0.09 U	0.09 U	0.09 U	
7440-02-0	Nickel	ug/L	4.2 U	4.2 U	4.2 U	4.2 U	4.2 U	
7440-09-7	Potassium	ug/L	7730	8280	7820	24000	14900	
7782-49-2	Selenium	ug/L	8.13 J	9.47 J	6.84 J	7.58 J	12	
7440-22-4	Silver	ug/L	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	
7440-23-5	Sodium	ug/L	166000	178000	168000	623000	95200	
7440-28-0	Thallium	ug/L	2.4 U	2.4 U	2.4 U	2.4 U	2.4 U	
7440-62-2	Vanadium	ug/L	6.1 U	6.1 U	6.1 U	6.1 U	6.1 U	
7440-66-6	Zinc	ug/L	7.8 J	12 J	7.11 J	8.72 J	13.8 J	
57-12-5	Cyanide	ug/L	10 U	10 U	10 U	10 U	84	

Consolidated Edison Farrington Street Validated Groundwater Analytical Data SDG: A3178		Sample ID: Lab Sample Id	MW-18 A3178-06	MW-19 A3178-12	MW-20 A3178-11	MW-21 A3178-09
		Depth:				
		Source:	Chemtech	Chemtech	Chemtech	Chemtech
		SDG:	A3178	A3178	A3178	A3178
		Matrix:	WATER	WATER	WATER	WATER
		Sampled:	6/15/2009	6/16/2009	6/16/2009	6/16/2009
		Validated:	7/7/2009	7/7/2009	7/7/2009	7/7/2009
CAS NO.	COMPOUND	UNITS:				
	VOLATILES					
75-71-8	Dichlorodifluoromethane	ug/L	0.55 U	0.55 U	0.55 U	0.55 U
74-87-3	Chloromethane	ug/L	0.54 U	0.54 U	0.54 U	0.54 U
75-01-4	Vinyl chloride	ug/L	0.34 U	0.34 U	0.34 U	0.34 U
74-83-9	Bromomethane	ug/L	0.62 UJ	0.62 UJ	0.62 UJ	0.62 UJ
75-00-3	Chloroethane	ug/L	0.66 U	0.66 U	0.66 U	0.66 U
75-69-4	Trichlorofluoromethane	ug/L	0.35 U	0.35 U	0.35 U	0.35 U
76-13-1	1,1,2-Trichlorotrifluoroethane	ug/L	0.45 U	0.45 U	0.45 U	0.45 U
75-35-4	1,1-Dichloroethene	ug/L	0.47 U	0.47 U	0.47 U	0.47 U
67-64-1	Acetone	ug/L	2.8 U	2.8 U	2.8 U	2.8 U
75-15-0	Carbon Disulfide	ug/L	0.54 U	0.54 U	0.54 U	0.54 U
1634-04-4	Methyl tert-butyl Ether	ug/L	3.6 J	0.35 U	24	0.35 U
79-20-9	Methyl Acetate	ug/L	0.83 U	0.83 U	0.83 U	0.83 U
75-09-2	Methylene Chloride	ug/L	0.41 U	0.41 U	0.41 U	0.41 U
156-60-5	trans-1,2-Dichloroethene	ug/L	0.41 U	0.41 U	0.41 U	0.41 U
75-34-3	1,1-Dichloroethane	ug/L	0.36 U	0.36 U	0.36 U	0.36 U
110-82-7	Cyclohexane	ug/L	5.7	8.1	0.55 U	0.55 U
78-93-3	2-Butanone	ug/L	1.3 U	1.3 U	1.3 U	1.3 U
56-23-5	Carbon Tetrachloride	ug/L	0.62 U	0.62 U	0.62 U	0.62 U
156-59-2	cis-1,2-Dichloroethene	ug/L	0.35 U	0.35 U	5.7	0.35 U
67-66-3	Chloroform	ug/L	0.34 U	0.34 U	0.34 U	0.34 U
71-55-6	1,1,1-Trichloroethane	ug/L	0.4 U	0.4 U	0.4 U	0.4 U
108-87-2	Methylcyclohexane	ug/L	9.2	14	0.68 U	0.68 U
71-43-2	Benzene	ug/L	940	8.8	3.4 J	0.32 U
107-06-2	1,2-Dichloroethane	ug/L	0.48 U	0.48 U	0.48 U	0.48 U
79-01-6	Trichloroethene	ug/L	0.28 U	0.28 U	1.1 J	0.28 U
78-87-5	1,2-Dichloropropane	ug/L	0.46 U	0.46 U	0.46 U	0.46 U
75-27-4	Bromodichloromethane	ug/L	0.36 U	0.36 U	0.36 U	0.36 U
108-10-1	4-Methyl-2-Pentanone	ug/L	2.1 U	2.1 U	2.1 U	2.1 U
108-88-3	Toluene	ug/L	5 J	8.2	0.37 U	0.37 U
10061-02-6	t-1,3-Dichloropropene	ug/L	0.29 U	0.29 U	0.29 U	0.29 U
10061-01-5	cis-1,3-Dichloropropene	ug/L	0.31 U	0.31 UJ	0.31 U	0.31 U
79-00-5	1,1,2-Trichloroethane	ug/L	0.38 U	0.38 U	0.38 U	0.38 U

Consolidated Edison Farrington Street Validated Groundwater Analytical Data SDG: A3178		Sample ID: Lab Sample Id Depth: Source: SDG: Matrix: Sampled: Validated:	MW-18 A3178-06 Chemtech A3178 WATER 6/15/2009 7/7/2009	MW-19 A3178-12 Chemtech A3178 WATER 6/16/2009 7/7/2009	MW-20 A3178-11 Chemtech A3178 WATER 6/16/2009 7/7/2009	MW-21 A3178-09 Chemtech A3178 WATER 6/16/2009 7/7/2009
CAS NO.	COMPOUND	UNITS:				
	VOLATILES					
591-78-6	2-Hexanone	ug/L	1.9 U	1.9 U	1.9 U	1.9 U
124-48-1	Dibromochloromethane	ug/L	0.52 U	0.52 U	0.52 U	0.52 U
106-93-4	1,2-Dibromoethane	ug/L	0.41 U	0.41 U	0.41 U	0.41 U
127-18-4	Tetrachloroethene	ug/L	0.27 U	0.27 U	0.27 U	0.27 U
108-90-7	Chlorobenzene	ug/L	0.49 U	0.49 U	0.49 U	0.49 U
100-41-4	Ethyl Benzene	ug/L	170	310	0.53 U	0.53 U
136777-61-2	m/p-Xylenes	ug/L	16	68	0.95 U	0.95 U
1330-20-7	o-Xylene	ug/L	32	130	0.43 U	0.43 U
100-42-5	Styrene	ug/L	0.36 U	0.36 U	0.36 U	0.36 U
75-25-2	Bromoform	ug/L	0.47 UJ	0.47 UJ	0.47 UJ	0.47 UJ
98-82-8	Isopropylbenzene	ug/L	75	45	0.45 U	0.45 U
79-34-5	1,1,2,2-Tetrachloroethane	ug/L	0.31 UJ	0.31 U	0.31 U	0.31 U
541-73-1	1,3-Dichlorobenzene	ug/L	0.43 U	0.43 U	0.43 U	0.43 U
106-46-7	1,4-Dichlorobenzene	ug/L	0.32 U	0.32 U	0.32 U	0.32 U
95-50-1	1,2-Dichlorobenzene	ug/L	0.45 U	0.45 U	0.45 U	0.45 U
96-12-8	1,2-Dibromo-3-Chloropropane	ug/L	0.46 U	0.46 U	0.46 U	0.46 U
120-82-1	1,2,4-Trichlorobenzene	ug/L	0.62 U	0.62 U	0.62 U	0.62 U

Consolidated Edison Farrington Street Validated Groundwater Analytical Data SDG: A3178		Sample ID: Lab Sample Id	MW-18 A3178-06	MW-19 A3178-12	MW-20 A3178-11	MW-21 A3178-09
		Depth:				
		Source:	Chemtech	Chemtech	Chemtech	Chemtech
		SDG:	A3178	A3178	A3178	A3178
		Matrix:	WATER	WATER	WATER	WATER
		Sampled:	6/15/2009	6/16/2009	6/16/2009	6/16/2009
		Validated:	7/7/2009	7/7/2009	7/7/2009	7/7/2009
CAS NO.	COMPOUND	UNITS:				
	SEMIVOLATILES					
100-52-7	Benzaldehyde	ug/L	1.1 U	0.86 U	0.77 U	0.83 U
108-95-2	Phenol	ug/L	18	3 J	1.7 J	4.1 J
95-57-8	2-Chlorophenol	ug/L	0.74 U	0.6 U	0.54 U	0.58 U
50-32-8	2-Methylphenol	ug/L	0.33 U	0.27 U	0.24 U	0.26 U
108-60-1	2,2-oxybis(1-Chloropropane)	ug/L	0.23 U	0.19 U	0.17 U	0.18 U
98-86-2	Acetophenone	ug/L	0.19 U	0.16 U	0.14 U	0.15 U
87-86-5	3+4-Methylphenols	ug/L	0.52 U	0.42 U	0.38 U	0.41 U
621-64-7	N-Nitroso-di-n-propylamine	ug/L	0.27 U	0.22 U	0.2 U	0.22 U
67-72-1	Hexachloroethane	ug/L	0.34 U	0.28 U	0.25 U	0.27 U
98-95-3	Nitrobenzene	ug/L	0.93 U	0.76 U	0.68 U	0.73 U
78-59-1	Isophorone	ug/L	0.41 U	0.33 U	0.3 U	0.32 U
88-75-5	2-Nitrophenol	ug/L	0.71 U	0.58 U	0.52 U	0.56 U
105-67-9	2,4-Dimethylphenol	ug/L	0.97 U	0.79 U	0.71 U	0.76 U
111-91-1	bis(2-Chloroethoxy)methane	ug/L	0.75 U	0.61 U	0.55 U	0.59 U
120-83-2	2,4-Dichlorophenol	ug/L	0.9 U	0.73 U	0.66 U	0.71 U
91-20-3	Naphthalene	ug/L	380	3000	0.12 U	0.13 U
106-47-8	4-Chloroaniline	ug/L	3.9 U	3.2 U	2.9 U	3.1 U
87-68-3	Hexachlorobutadiene	ug/L	0.34 U	0.28 U	0.25 U	0.27 U
105-60-2	Caprolactam	ug/L	6.1 U	5 U	4.5 U	4.8 U
111-44-4	bis(2-Chloroethyl)ether	ug/L	0.75 U	0.61 U	0.55 U	0.59 U
59-50-7	4-Chloro-3-methylphenol	ug/L	0.55 U	0.44 U	0.4 U	0.43 U
91-57-6	2-Methylnaphthalene	ug/L	210	260	0.32 U	0.34 U
77-47-4	Hexachlorocyclopentadiene	ug/L	0.33 U	0.27 U	0.24 U	0.26 U
88-06-2	2,4,6-Trichlorophenol	ug/L	0.77 U	0.62 U	0.56 U	0.6 U
95-95-4	2,4,5-Trichlorophenol	ug/L	0.55 U	0.44 U	0.4 U	0.43 U
92-52-4	1,1-Biphenyl	ug/L	3.6 J	15	0.15 U	0.16 U
91-58-7	2-Chloronaphthalene	ug/L	0.22 U	0.18 U	0.16 U	0.17 U
621-64-7	2-Nitroaniline	ug/L	0.67 U	0.54 U	0.49 U	0.53 U
131-11-3	Dimethylphthalate	ug/L	0.3 U	0.24 U	0.22 U	0.24 U
208-96-8	Acenaphthylene	ug/L	0.96 U	4.3 J	0.7 U	0.75 U
606-20-2	2,6-Dinitrotoluene	ug/L	0.44 U	0.36 U	0.32 U	0.34 U

Consolidated Edison Farrington Street Validated Groundwater Analytical Data SDG: A3178		Sample ID: Lab Sample Id	MW-18 A3178-06	MW-19 A3178-12	MW-20 A3178-11	MW-21 A3178-09
		Depth:				
		Source:	Chemtech	Chemtech	Chemtech	Chemtech
		SDG:	A3178	A3178	A3178	A3178
		Matrix:	WATER	WATER	WATER	WATER
		Sampled:	6/15/2009	6/16/2009	6/16/2009	6/16/2009
		Validated:	7/7/2009	7/7/2009	7/7/2009	7/7/2009
CAS NO.	COMPOUND	UNITS:				
	SEMIVOLATILES					
621-64-7	3-Nitroaniline	ug/L	1.5 U	1.2 U	1.1 U	1.2 U
83-32-9	Acenaphthene	ug/L	82	94	22	2.4 J
51-28-5	2,4-Dinitrophenol	ug/L	2.9 UJ	2.3 UJ	2.1 UJ	2.3 UJ
100-02-7	4-Nitrophenol	ug/L	16 U	13 U	12 U	13 U
132-64-9	Dibenzofuran	ug/L	0.33 U	4.7 J	0.24 U	0.26 U
121-14-2	2,4-Dinitrotoluene	ug/L	1.4 U	1.1 U	1 U	1.1 U
84-66-2	Diethylphthalate	ug/L	0.52 U	0.42 U	0.38 U	0.41 U
7005-72-3	4-Chlorophenyl-phenylether	ug/L	0.29 U	0.23 U	0.21 U	0.23 U
86-73-7	Fluorene	ug/L	20	26	0.31 U	0.33 U
621-64-7	4-Nitroaniline	ug/L	1.9 U	1.5 U	1.4 U	1.5 U
534-52-1	4,6-Dinitro-2-methylphenol	ug/L	1 UJ	0.82 UJ	0.74 UJ	0.8 UJ
86-30-6	N-Nitrosodiphenylamine	ug/L	0.82 U	0.67 U	0.6 U	0.65 U
101-55-3	4-Bromophenyl-phenylether	ug/L	0.32 U	0.26 U	0.23 U	0.25 U
118-74-1	Hexachlorobenzene	ug/L	0.25 U	0.2 U	0.18 U	0.19 U
1912-24-9	Atrazine	ug/L	0.55 U	0.44 U	0.4 U	0.43 U
87-86-5	Pentachlorophenol	ug/L	2.4 U	2.4 J	1.7 U	1.8 U
85-01-8	Phenanthrene	ug/L	20	35	0.26 U	0.28 U
120-12-7	Anthracene	ug/L	3.8 J	7.7 J	1.1 J	0.17 U
86-74-8	Carbazole	ug/L	22	11 J	1.6 J	0.24 U
84-74-2	Di-n-butylphthalate	ug/L	3.3 U	2.7 U	2.4 U	2.6 U
206-44-0	Fluoranthene	ug/L	0.55 U	3.1 J	0.4 U	0.43 U
129-00-0	Pyrene	ug/L	0.27 U	3.6 J	0.2 U	0.22 U
85-68-7	Butylbenzylphthalate	ug/L	0.26 U	0.21 UJ	0.19 U	0.2 U
91-94-1	3,3-Dichlorobenzidine	ug/L	9.5 U	7.7 UJ	6.9 U	7.5 U
120-12-7	Benzo(a)anthracene	ug/L	0.22 U	0.18 UJ	0.16 U	0.17 U
218-01-9	Chrysene	ug/L	0.25 U	0.2 UJ	0.18 U	0.19 U
117-81-7	Bis(2-ethylhexyl)phthalate	ug/L	0.22 U	0.18 UJ	0.16 U	0.17 U
117-84-0	Di-n-octyl phthalate	ug/L	0.7 U	0.57 UJ	0.51 U	0.55 U
205-99-2	Benzo(b)fluoranthene	ug/L	0.4 U	0.32 U	0.29 U	0.31 U
207-08-9	Benzo(k)fluoranthene	ug/L	0.25 U	0.2 U	0.18 U	0.19 U
50-32-8	Benzo(a)pyrene	ug/L	0.19 U	0.16 U	0.14 U	0.15 U
193-39-5	Indeno(1,2,3-cd)pyrene	ug/L	0.21 U	0.17 UJ	0.15 U	0.16 U
53-70-3	Dibenz(a,h)anthracene	ug/L	0.58 U	0.47 U	0.42 U	0.45 U
191-24-2	Benzo(g,h,i)perylene	ug/L	0.4 U	0.32 U	0.29 U	0.31 U

Consolidated Edison Farrington Street Validated Groundwater Analytical Data SDG: A3178		Sample ID: Lab Sample Id	MW-18 A3178-06	MW-19 A3178-12	MW-20 A3178-11	MW-21 A3178-09
		Depth:				
		Source:	Chemtech	Chemtech	Chemtech	Chemtech
		SDG:	A3178	A3178	A3178	A3178
		Matrix:	WATER	WATER	WATER	WATER
		Sampled:	6/15/2009	6/16/2009	6/16/2009	6/16/2009
		Validated:	7/7/2009	7/7/2009	7/7/2009	7/7/2009
CAS NO.	COMPOUND	UNITS:				
	INORGANICS					
7429-90-5	Aluminum	ug/L	36600	71.1	33.4 J	308
7440-36-0	Antimony	ug/L	8 U	8 U	8 U	8 U
7440-38-2	Arsenic	ug/L	4.2 U	4.2 U	4.2 U	4.2 U
7440-39-3	Barium	ug/L	442	206	302	438
7440-41-7	Beryllium	ug/L	1.87 J	0.7 U	0.7 U	0.7 U
7440-43-9	Cadmium	ug/L	1.49 J	0.5 U	0.5 U	0.77 J
7440-70-2	Calcium	ug/L	84200 J	107000 J	90300 J	116000 J
7440-47-3	Chromium	ug/L	131	1.1 U	1.1 U	1.41 J
7440-48-4	Cobalt	ug/L	46.2	5.8 U	9.19 J	5.8 U
7440-50-8	Copper	ug/L	132	6.6 U	6.6 U	6.6 U
7439-89-6	Iron	ug/L	134000 J	62900 J	5570 J	54000 J
7439-92-1	Lead	ug/L	76.5	7.02	7.59	16.7
7439-95-4	Magnesium	ug/L	23200 J	16500 J	18700 J	20600 J
7439-96-5	Manganese	ug/L	1040 J	884 J	2820 J	1020 J
7439-97-6	Mercury	ug/L	0.13 J	0.09 U	0.09 U	0.09 U
7440-02-0	Nickel	ug/L	145	4.2 U	4.2 U	4.2 U
7440-09-7	Potassium	ug/L	16300	9910	9210	26200
7782-49-2	Selenium	ug/L	8.82 J	6.63 J	9.2 J	10.7
7440-22-4	Silver	ug/L	1.5 U	1.5 U	1.5 U	1.5 U
7440-23-5	Sodium	ug/L	58000	99400	154000	350000
7440-28-0	Thallium	ug/L	2.4 U	2.4 U	2.4 U	2.4 U
7440-62-2	Vanadium	ug/L	102	6.1 U	6.1 U	6.1 U
7440-66-6	Zinc	ug/L	534	7.27 J	12.6 J	18.6 J
57-12-5	Cyanide	ug/L	15	45	87	160

Consolidated Edison Farrington Street Soil Analytical Data SDG: A3237		Sample ID: Lab Sample Id Depth: Source: SDG: Matrix: Sampled: Validated:	MW-15 A3237-01 Chemtech A3237 WATER 6/17/2009 7/13/2009	061709FB A3237-02 Chemtech A3237 WATER 6/17/2009 7/13/2009
CAS NO.	COMPOUND	UNITS:		
	VOLATILES			
75-71-8	Dichlorodifluoromethane	ug/L	0.55 U	0.55 U
74-87-3	Chloromethane	ug/L	0.54 U	0.54 U
75-01-4	Vinyl chloride	ug/L	0.34 U	0.34 U
74-83-9	Bromomethane	ug/L	0.62 U	0.62 U
75-00-3	Chloroethane	ug/L	0.66 U	0.66 U
75-69-4	Trichlorofluoromethane	ug/L	0.35 U	0.35 U
76-13-1	1,1,2-Trichlorotrifluoroethane	ug/L	0.45 U	0.45 U
75-35-4	1,1-Dichloroethene	ug/L	0.47 UJ	0.47 U
67-64-1	Acetone	ug/L	2.8 U	2.8 U
75-15-0	Carbon Disulfide	ug/L	0.54 U	0.54 U
1634-04-4	Methyl tert-butyl Ether	ug/L	0.35 U	0.35 U
79-20-9	Methyl Acetate	ug/L	0.83 U	0.83 U
75-09-2	Methylene Chloride	ug/L	0.41 U	0.41 U
156-60-5	trans-1,2-Dichloroethene	ug/L	0.41 U	0.41 U
75-34-3	1,1-Dichloroethane	ug/L	0.36 U	0.36 U
110-82-7	Cyclohexane	ug/L	5.8	0.55 U
78-93-3	2-Butanone	ug/L	1.3 U	1.3 U
56-23-5	Carbon Tetrachloride	ug/L	0.62 U	0.62 U
156-59-2	cis-1,2-Dichloroethene	ug/L	0.35 U	0.35 U
67-66-3	Chloroform	ug/L	0.34 U	0.34 U
71-55-6	1,1,1-Trichloroethane	ug/L	0.4 U	0.4 U
108-87-2	Methylcyclohexane	ug/L	3.1 J	0.68 U
71-43-2	Benzene	ug/L	13	0.32 U
107-06-2	1,2-Dichloroethane	ug/L	0.48 U	0.48 U
79-01-6	Trichloroethene	ug/L	0.28 U	0.28 U
78-87-5	1,2-Dichloropropane	ug/L	0.46 U	0.46 U
75-27-4	Bromodichloromethane	ug/L	0.36 U	0.36 U
108-10-1	4-Methyl-2-Pentanone	ug/L	2.1 U	2.1 U
108-88-3	Toluene	ug/L	0.37 U	0.37 U
10061-02-6	t-1,3-Dichloropropene	ug/L	0.29 U	0.29 U
10061-01-5	cis-1,3-Dichloropropene	ug/L	0.31 U	0.31 U
79-00-5	1,1,2-Trichloroethane	ug/L	0.38 U	0.38 U

Consolidated Edison Farrington Street Soil Analytical Data SDG: A3237		Sample ID: Lab Sample Id Depth: Source: SDG: Matrix: Sampled: Validated:	MW-15 A3237-01 Chemtech A3237 WATER 6/17/2009 7/13/2009	061709FB A3237-02 Chemtech A3237 WATER 6/17/2009 7/13/2009
CAS NO.	COMPOUND	UNITS:		
	VOLATILES			
591-78-6	2-Hexanone	ug/L	1.9 U	1.9 U
124-48-1	Dibromochloromethane	ug/L	0.52 U	0.52 U
106-93-4	1,2-Dibromoethane	ug/L	0.41 U	0.41 U
127-18-4	Tetrachloroethene	ug/L	0.27 U	0.27 U
108-90-7	Chlorobenzene	ug/L	0.49 U	0.49 U
100-41-4	Ethyl Benzene	ug/L	94	0.53 U
136777-61-2	m/p-Xylenes	ug/L	4.2 J	0.95 U
1330-20-7	o-Xylene	ug/L	17	0.43 U
100-42-5	Styrene	ug/L	0.36 U	0.36 U
75-25-2	Bromoform	ug/L	0.47 UJ	0.47 U
98-82-8	Isopropylbenzene	ug/L	24	0.45 U
79-34-5	1,1,2,2-Tetrachloroethane	ug/L	0.31 U	0.31 U
541-73-1	1,3-Dichlorobenzene	ug/L	0.43 U	0.43 U
106-46-7	1,4-Dichlorobenzene	ug/L	0.32 U	0.32 U
96-12-8	1,2-Dibromo-3-Chloropropane	ug/L	0.46 U	0.46 U
120-82-1	1,2,4-Trichlorobenzene	ug/L	0.62 U	0.62 U

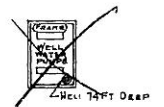
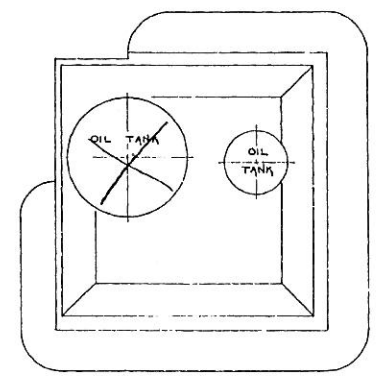
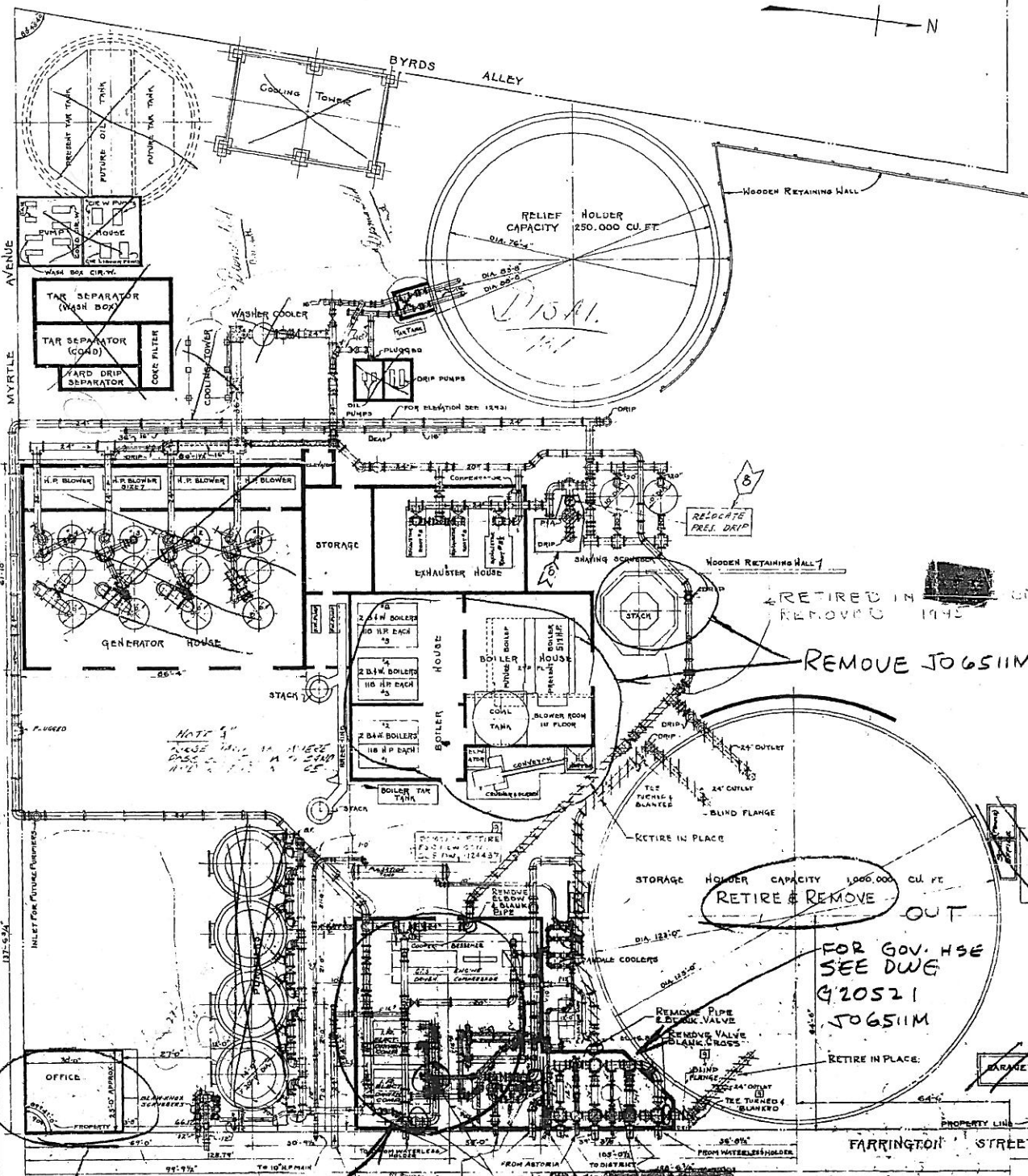
Consolidated Edison Farrington Street Soil Analytical Data SDG: A3237		Sample ID: Lab Sample Id Depth: Source: SDG: Matrix: Sampled: Validated:	MW-15 A3237-01 Chemtech A3237 WATER 6/17/2009 7/13/2009	061709FB A3237-02 Chemtech A3237 WATER 6/17/2009 7/13/2009
CAS NO.	COMPOUND	UNITS:		
	SEMIVOLATILES			
100-52-7	Benzaldehyde	ug/L	0.87 U	0.86 U
108-95-2	Phenol	ug/L	0.24 U	0.23 U
95-50-1	1,2-Dichlorobenzene	ug/L	0.45 U	0.45 U
95-57-8	2-Chlorophenol	ug/L	0.61 U	0.6 U
50-32-8	2-Methylphenol	ug/L	0.27 U	0.27 U
108-60-1	2,2-oxybis(1-Chloropropane)	ug/L	0.19 U	0.19 U
98-86-2	Acetophenone	ug/L	0.16 U	0.16 U
87-86-5	3+4-Methylphenols	ug/L	0.43 U	0.42 U
621-64-7	N-Nitroso-di-n-propylamine	ug/L	0.22 U	0.22 U
67-72-1	Hexachloroethane	ug/L	0.28 U	0.28 U
98-95-3	Nitrobenzene	ug/L	0.76 U	0.76 U
78-59-1	Isophorone	ug/L	0.34 U	0.33 U
88-75-5	2-Nitrophenol	ug/L	0.58 U	0.58 U
105-67-9	2,4-Dimethylphenol	ug/L	0.8 U	0.79 U
111-91-1	bis(2-Chloroethoxy)methane	ug/L	0.62 U	0.61 U
120-83-2	2,4-Dichlorophenol	ug/L	0.74 U	0.73 U
91-20-3	Naphthalene	ug/L	220	0.13 U
106-47-8	4-Chloroaniline	ug/L	3.2 UJ	3.2 UJ
87-68-3	Hexachlorobutadiene	ug/L	0.28 U	0.28 U
105-60-2	Caprolactam	ug/L	5 U	5 U
111-44-4	bis(2-Chloroethyl)ether	ug/L	0.62 U	0.61 U
59-50-7	4-Chloro-3-methylphenol	ug/L	0.45 U	0.44 U
91-57-6	2-Methylnaphthalene	ug/L	21	0.36 U
77-47-4	Hexachlorocyclopentadiene	ug/L	0.27 U	0.27 U
88-06-2	2,4,6-Trichlorophenol	ug/L	0.63 U	0.62 U
95-95-4	2,4,5-Trichlorophenol	ug/L	0.45 U	0.44 U
92-52-4	1,1-Biphenyl	ug/L	0.17 U	0.17 U
91-58-7	2-Chloronaphthalene	ug/L	0.18 U	0.18 U
621-64-7	2-Nitroaniline	ug/L	0.55 U	0.54 U
131-11-3	Dimethylphthalate	ug/L	0.25 U	0.24 U
208-96-8	Acenaphthylene	ug/L	4.6 J	0.78 U
606-20-2	2,6-Dinitrotoluene	ug/L	0.36 U	0.36 U

Consolidated Edison Farrington Street Soil Analytical Data SDG: A3237		Sample ID: Lab Sample Id Depth: Source: SDG: Matrix: Sampled: Validated:	MW-15 A3237-01 Chemtech A3237 WATER 6/17/2009 7/13/2009	061709FB A3237-02 Chemtech A3237 WATER 6/17/2009 7/13/2009
CAS NO.	COMPOUND	UNITS:		
	SEMIVOLATILES			
621-64-7	3-Nitroaniline	ug/L	1.2 UJ	1.2 UJ
83-32-9	Acenaphthene	ug/L	130	0.23 U
51-28-5	2,4-Dinitrophenol	ug/L	2.4 UJ	2.3 UJ
100-02-7	4-Nitrophenol	ug/L	13 U	13 U
132-64-9	Dibenzofuran	ug/L	4.2 J	0.27 U
121-14-2	2,4-Dinitrotoluene	ug/L	1.2 U	1.1 U
84-66-2	Diethylphthalate	ug/L	0.43 U	0.42 U
7005-72-3	4-Chlorophenyl-phenylether	ug/L	0.24 U	0.23 U
86-73-7	Fluorene	ug/L	11 J	0.34 U
621-64-7	4-Nitroaniline	ug/L	1.5 U	1.5 U
534-52-1	4,6-Dinitro-2-methylphenol	ug/L	0.83 U	0.82 U
86-30-6	N-Nitrosodiphenylamine	ug/L	0.67 U	0.67 U
101-55-3	4-Bromophenyl-phenylether	ug/L	0.26 U	0.26 U
118-74-1	Hexachlorobenzene	ug/L	0.2 U	0.2 U
1912-24-9	Atrazine	ug/L	0.45 UJ	0.44 UJ
87-86-5	Pentachlorophenol	ug/L	1.9 U	1.9 U
85-01-8	Phenanthrene	ug/L	12	0.29 U
120-12-7	Anthracene	ug/L	8.6 J	0.18 U
86-74-8	Carbazole	ug/L	1.2 J	0.24 U
84-74-2	Di-n-butylphthalate	ug/L	2.7 U	2.7 U
206-44-0	Fluoranthene	ug/L	5.4 J	0.44 U
129-00-0	Pyrene	ug/L	6.7 J	0.22 U
85-68-7	Butylbenzylphthalate	ug/L	0.21 U	0.21 U
91-94-1	3,3-Dichlorobenzidine	ug/L	R	R
120-12-7	Benzo(a)anthracene	ug/L	1.6 J	0.18 U
218-01-9	Chrysene	ug/L	1.5 J	0.2 U
117-81-7	Bis(2-ethylhexyl)phthalate	ug/L	11 U	0.18 U
117-84-0	Di-n-octyl phthalate	ug/L	0.57 U	0.57 U
205-99-2	Benzo(b)fluoranthene	ug/L	0.33 U	0.32 U
207-08-9	Benzo(k)fluoranthene	ug/L	0.2 U	0.2 U
50-32-8	Benzo(a)pyrene	ug/L	0.16 U	0.16 U
193-39-5	Indeno(1,2,3-cd)pyrene	ug/L	0.17 U	0.17 U
53-70-3	Dibenz(a,h)anthracene	ug/L	0.47 U	0.47 U
191-24-2	Benzo(g,h,i)perylene	ug/L	0.33 U	0.32 U

Consolidated Edison Farrington Street Soil Analytical Data SDG: A3237		Sample ID: Lab Sample Id Depth: Source: SDG: Matrix: Sampled: Validated:	MW-15 A3237-01 Chemtech A3237 WATER 6/17/2009 7/13/2009	061709FB A3237-02 Chemtech A3237 WATER 6/17/2009 7/13/2009
CAS NO.	COMPOUND	UNITS:		
	INORGANICS			
7429-90-5	Aluminum	ug/L	254 U	62 U
7440-36-0	Antimony	ug/L	8 U	8 U
7440-38-2	Arsenic	ug/L	69.7	4.2 U
7440-39-3	Barium	ug/L	316	4 U
7440-41-7	Beryllium	ug/L	0.7 U	0.7 U
7440-43-9	Cadmium	ug/L	0.5 U	0.5 U
7440-70-2	Calcium	ug/L	87900	974 J
7440-47-3	Chromium	ug/L	1.15 J	1.1 U
7440-48-4	Cobalt	ug/L	5.8 U	5.8 U
7440-50-8	Copper	ug/L	6.6 U	6.6 U
7439-89-6	Iron	ug/L	17700	67.4
7439-92-1	Lead	ug/L	9.59	2.6 U
7439-95-4	Magnesium	ug/L	58800	140 J
7439-96-5	Manganese	ug/L	1240	3.15 J
7439-97-6	Mercury	ug/L	0.09 U	0.09 U
7440-02-0	Nickel	ug/L	4.2 U	4.2 U
7440-09-7	Potassium	ug/L	21600	338 J
7782-49-2	Selenium	ug/L	4.8 U	6 J
7440-22-4	Silver	ug/L	1.5 U	1.5 U
7440-23-5	Sodium	ug/L	513000	1460
7440-28-0	Thallium	ug/L	2.4 U	2.4 U
7440-62-2	Vanadium	ug/L	6.1 U	6.1 U
7440-66-6	Zinc	ug/L	17.6 J	15.7 J
57-12-5	Cyanide	ug/L	10 U	10 U

APPENDIX E

DRAWING OF FORMER MGP STRUCTURES



REMOVE JO6511M

RETIRE & REMOVE OUT
FOR GOV. USE
SEE DWG
G20521
JO6511M

REMOVE
JO6511M

FARRINGTON STREET

THIS DWG SUPERSEDES DWG 12790

NEW YORK & QUEENS
GAS COMPANY
FLUSHING STATION
GENERAL CONNECTIONS
WEST OF FARRINGTON ST.

REVISIONS				
No	DESCRIPTION	BY	DATE	APPROVED
5	ADDED BLANK PAGE 6A4	J.L.V.	3-10-37	
6	RELOCATED CONNECTIONS	J.L.V.	7-27-38	
7	CHANGED CONNECTIONS	J.L.V.	10-21-38	

SCALE: 1/4" = 1'-0"
 MADE BY: [Name]
 TRACED BY: [Name]
 CHECKED BY: [Name]
 APPROVED BY: [Name]
 DATE: 10-25-38

REVISIONS
 REVISED BY: [Name]
 DATE: 1-11-45

DRAWER No. 1074

CHECKED WITH DWG 12790, HB 10-8-38

G14511-D

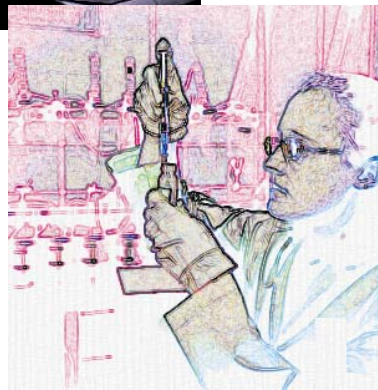
APPENDIX F

HYDROCARBON FINGERPRINT RESULTS

Environmental Forensic Report

Con Edison Farrington St.

SDG: PA090421



Report To:

Parsons

290 Elwood Davis Dr.

Suite 312

Liverpool, NY 13088

Report By:

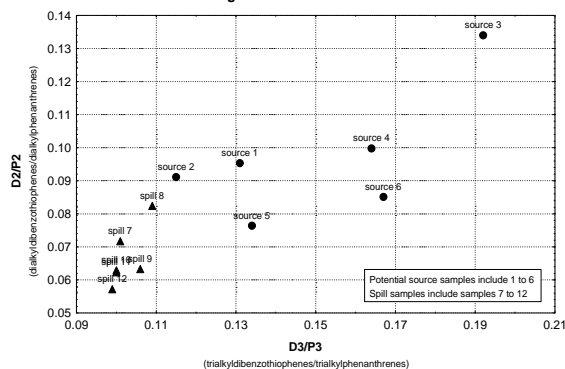
META Environmental, Inc.

49 Clarendon Street

Watertown, MA 02472

April 29, 2009

Figure 1. Double Ratio Plot



Identifying and allocating sources of pollutants in complex environments.

Final Laboratory Report

META Environmental, Inc.
49 Clarendon Street
Watertown, MA 02472
Phone: 617-923-4662
Fax: 617-923-4610
E-Mail meta@metaenv.com

Certification

This certifies that this package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed herein. The results included in this data report relate only to the samples as received and analyzed by the laboratory.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager and Quality Assurance Officer, as verified by the following signatures.



Eric Litman
Environmental Scientist, Project Manager

April 29, 2009

Date



David M. Mauro
Senior Scientist, Quality Assurance Officer

April 29, 2009

Date

Sample Delivery Group Narrative

Project: Con Edison Farrington St.

Client Parsons
290 Elwood Davis Dr.
Suite 312
Liverpool, NY 13088

Report Contact: Shane Blauvelt

Dates of Receipt: 4/21/09

Sample Summary: The sample received for this project is summarized in the attached sample login forms. (Appendix A)

META Project Number: P06015

SDG No.: PA090421

Total Pages in Report: 56

Chain of Custody

The sample was received in good condition. The internal temperature of the shipping container was between the recommended 2-6°C range and was as follows:

Samples received: 04/21/2008 1.8°C Ice present

Internal chain of custody procedures were followed after sample receipt. Samples were stored in a locked refrigerator. A sample custody logbook contains the record of sample removal from the secure sample storage area to the sample preparation laboratory. The custody record for the sample extracts is present on the sample extraction logbook page. The disposal of samples and extracts will be authorized one month after the release of this data report. Sample disposal will be documented.

Methods

The soil sample was prepared by solvent extraction (EPA 3570) using dichloromethane (DCM). The extract was spiked with internal standard and analyzed by GC/FID (EPA 8100M) for fingerprinting and by GC/MS/SIM (EPA 8270M) for mono- and polycyclic aromatic hydrocarbons (MAHs and PAHs), alkyl PAH homologues and other selected compounds.

Results

Sample results are presented in several appendices which follow this narrative.

Appendix B: GC/FID Fingerprints

Appendix C: MAH/PAH Concentrations

Appendix D: Extended MAH/PAH Profiles - Histograms

Appendix E: Extracted Ion Current Profiles (EICPs)

Quality Control

Analyte Flags

The detection limits were determined as the sample equivalent of the lowest linear initial calibration standard. Analytes measured between 50% and 100% of the lowest standard were reported as "estimated" and flagged with the letter "J." Undetected analytes were reported as null and flagged with the letter, "U." Analytes marked with a "B" were detected in the associated blank and should be reviewed for a possible positive bias. No deviations were thought significant enough to compromise the integrity of the reported values.

Holding Times

The soil sample was extracted within holding time. The sample and extracts were stored at $4^{\circ}\text{C} \pm 2^{\circ}\text{C}$ prior to extraction and analysis. The extracts were analyzed within 40 days of sample preparation.

Surrogate Spikes

Extraction surrogates were added to all samples prior to extraction. All surrogate compounds were recovered within the 50%-120% acceptable criterion with the following exceptions; perylene-d12 was over-recovered in sample *TP-10 (13.5')* due to matrix interference.

Blanks

Various MAHs and PAHs were detected below or just above the reporting limit (RL) in soil blank QC090422-SB. As these compounds were detected in the field sample at much higher relative concentrations (greater than 10x the blank levels) positive bias does not appear to be significant. QC090422-SB was re-analyzed confirming the low level blank contamination.

Blank Spikes

A blank spike sample was extracted with each soil batch. All spiked compounds were recovered within criteria (70%-120%), with the exception of Dibenz[a,h]anthracene which was over recovered at 124%.

Duplicates

Sample *TP-10 (13.5')* was extracted and analyzed in duplicate. Relative percent differences are reported with the sample results in Appendix C.

Internal Standards

Internal standards were recovered within acceptable QC limits (50%-200%) relative to the continuing calibration standards.

Interpretation

Introduction

One sample of soil was received by META from the Con Edison Farrington St. site on April 21, 2009. The sample was analyzed for hydrocarbon fingerprint and an expanded list of MAHs and PAHs.

This report summarizes the findings.

Description of Chemical Fingerprinting Methodology

PAHs commonly form the basis for source attribution and allocation at sites involving petrogenic or pyrogenic materials. Studies have shown that the pattern of PAHs clearly distinguishes petrogenic from pyrogenic substances and can be used to identify and classify petrogenic or pyrogenic substances of different origins. For example, ASTM Method D 5739-95 is the method used extensively by the U.S. Coast Guard to determine the source of oil spilled in public waterways. That method relies on the determination of selected PAHs in oil, soil, or water samples by gas chromatography with mass spectrometric detection (GC/MS) and the use of the qualitative patterns and quantitative ratios of those PAHs to determine which oil samples have a common origin. Similarly, work by META Environmental, Inc. (META) has shown that the same methodology can be used to identify the sources of PAHs at former MGP sites, coke plants, tar refineries and wood treating facilities. Further, META has modified the typical sample preparation and analysis procedures for hydrocarbon fingerprinting to include MAHs as well as PAHs.

An approach based on MAH/PAH profiling has been used to investigate the sources of hydrocarbons at the Con Edison Farrington St. site, which is the topic of this report. Therefore, a more detailed discussion of the forensic methods used is presented in the next subsection as background.

GC/FID Fingerprinting

The soil sample in this study was analyzed by gas chromatography with flame ionization detection (GC/FID). With GC/FID, organic compounds in a sample are vaporized and then

separated in a long, narrow fused silica capillary column. Separation follows boiling point approximately with the most volatile compounds exiting the column first followed by increasingly less volatile compounds. Therefore, certain refined petroleum products, generated by the distillation of crude oil and which differ in their boiling point ranges, are distinguishable by where they appear on a chromatogram. Once they exit the column, the compounds are detected using the flame ionization technique. As the compounds exit and are detected, their responses are recorded and shown as peaks on a continuous plot. The height and area of a peak are proportional to the concentration of that compound in the sample. When done in a controlled and reproducible manner, the GC/FID method produces a “fingerprint” of a sample where the presence and relative amounts of the compounds are immediately visible as peaks of varying height appearing at different times. GC/FID fingerprints for the samples analyzed are provided in Appendix B.

GC/FID methods are commonly used for fingerprinting in a number of forensic fields. The patterns of individual peaks and the sizes and shapes of any baseline features are examined qualitatively for similarities and differences among samples.

The instrumental conditions for the GC/FID analyses in this study were adjusted so that compounds with boiling points between about hexane (C6) and n-tetracontane (C40) were detectable in one analytical run. This range includes most of the VOCs and all of the SVOCs commonly measured in environmental investigations. In particular, it includes benzene, toluene, ethylbenzene, xylenes, and the 16 priority pollutant PAHs that comprise a major portion of MGP tars and other pyrogenic substances. It also includes the range of compounds that are measurable in pyrogenic substances by gas chromatographic methods. Finally, META’s GC/FID conditions detect most of the constituents of gasoline, as well as all of the constituents of higher boiling petroleum products (e.g., kerosene, diesel, refined oils).

Source identification using GC/FID is mostly qualitatively applied. An experienced chemist examines the chromatograms, compares them to those of reference materials, and makes a judgment regarding the nature and source of the contamination in the sample. The chemist might go “peak-by-peak” looking for similarities and differences, comparing peak ratios, and looking for indicator compounds.

For some samples, GC/FID fingerprinting is accurate and sufficient. However, the reliability of GC/FID fingerprinting decreases when multiple sources are present in a sample and when the sample composition becomes extensively altered by environmental weathering processes. Other testing methods, such as GC/MS, are complementary for source identification under these conditions.

Extended PAH Profiles (EPPs) by GC/MS

Samples from the Con Edison Farrington St. site also were analyzed by GC/MS for an expanded list of MAHs and PAHs (EPPs). Separation was accomplished with gas chromatography using a method similar to the GC/FID method discussed previously. However, in GC/MS, once compounds exit the column, they are detected using a mass spectrometer. In the mass spectrometer, the molecules of each compound are ionized at high temperature and vacuum. The

ionic fragments are unstable and fragment into smaller ions. The ions are then counted and the mass spectrum recorded. Thus, the mass spectrum for a compound is the pattern of ionic fragments that forms when that compound is ionized. Mass spectra vary widely and are characteristic of their source compound. For example, the mass spectrum of hexane is very different from the mass spectrum of benzene even though both compounds contain six carbon atoms plus hydrogen atoms.

In GC/MS, one obtains both a chromatogram of peaks and additional compound-specific information in the mass spectrum. When executed in a controlled and reproducible manner, the GC/MS method produces multiple “fingerprints” of a sample when specific fragment ions are isolated.

GC/MS is utilized in two general ways in environmental forensic chemistry. First, samples are analyzed under the conditions required by various standard methods, particularly EPA Methods 8260 and 8270 (U.S. EPA SW-846). The concentrations of certain target compounds are determined and the mass spectrum of each peak in the chromatogram is generated and stored. These mass spectra can be used to identify non-target compounds or to generate extracted ion current profiles (EICPs). Second, various specialty methods are utilized where the GC/MS operating conditions are setup to measure only certain groups of compounds. For example, the method described in 40 CFR Subchapter J Part 300 Subpart L Appendix C for PAHs, alkylated PAHs, and biomarkers is used extensively in oil spill and UST release analyses. This method is similar to ASTM Method D 5739-95, “Standard Practice for Oil Spill Source Identification by Gas Chromatography and Positive Ion Electron Impact Low Resolution Mass Spectrometry.”

GC/MS data are used both qualitatively and quantitatively. An experienced chemist examines the chromatograms, compares them to those of reference materials, and makes judgments regarding the nature and source of the contamination in the sample. The chemist might go “peak-by-peak” looking for similarities and differences, comparing peak ratios, and looking for indicator compounds. This process is described in detail in ASTM Method D 5739-95.

GC/MS data are more commonly used quantitatively by calculating the concentrations of selected compounds, by comparing peak area ratios, or by applying chemometric or pattern recognition techniques to the raw or adjusted data. These data analysis methods are used extensively with extended PAH profiles (MAHs, PAHs and alkylated PAHs) and with biomarker compound data. Various degrees of statistical confidence can be achieved by examining chemical concentrations and compound ratios or patterns from multiple samples and replicate samples. This characteristic of GC/MS quantitative data is particularly valuable when assessing the degree of similarity or difference between samples, particularly when multiple sources of hydrocarbons are present in the sample or when environmental weathering has altered the original distributions of hydrocarbons.

Finally, the mass spectra of selected compounds also can be examined to determine whether any diagnostic or indicator chemicals are present in the sample. For example, the PAH retene (1-methyl-7-isopropylphenanthrene) is present in significant concentrations in coal, but at much lower concentrations in coal tar or petroleum products. Thus, the ratio of retene to chrysene can be used to determine whether coal fines are present in a soil sample and to explain some of the

hydrocarbon patterns observed at sites where coal was used extensively. Further, unknown compounds can be identified and their presence used as clues to the source(s) of the chemicals.

The GC/MS data in this study were reported and utilized both qualitatively and quantitatively. First, the concentrations of MAHs, PAHs and alkylated PAHs were calculated and included in Appendix C. These concentrations were utilized to estimate contaminant levels in samples, to generate bar graphs (Appendix D) and compare compound ratios. The ratios were used to generate plots for identifying samples with similar compositions.

The GC/MS data also were used qualitatively by generating extracted ion current profiles (EICPs) for selected compounds and compound groups of forensic value (Appendix E). For example, the EICPs for selected “biomarker” compounds including normal alkanes, isoprenoid hydrocarbons, alkylcyclohexanes, triterpanes and steranes are shown on the first page of the EICP report for each sample. These compound groups are commonly used in hydrocarbon source identifications and weathering evaluations. For example, the estimated boiling point range of a refined petroleum product, as indicated by the location of the alkanes and unresolved complex mixture (UCM) on the chromatogram, can be used to determine whether the material is kerosene, diesel, No. 6 fuel oil, or some other product. Similarly, triterpanes and steranes are known to be present in crude oils and some refined petroleum products, but not found in coke oven tars and rarely found in MGP tars. Therefore, the presence of triterpanes and steranes is monitored to confirm and refine the petrogenic versus pyrogenic assessment conducted with the PAH profiles.

Sample-Specific Observations

TP-10 (13.5')

Sample *TP-10 (13.5')* contained both pyrogenic and petrogenic materials (see definitions). The pyrogenic material was indicated by the wide range distribution of unsubstituted mono- and polycyclic aromatic hydrocarbons (MAHs & PAHs), with the 2 and 3 ring PAHs most abundant. The high concentration of naphthalene relative to the heavier PAHs suggests that this material has not experienced substantial environmentally induced degradation, or weathering.

The ratio of fluoranthene to pyrene (0.75) as well as the double ratio plots of dibenzofuran/fluorene (D/F) to F/P (Figure 1) and benzofluorenes/methylpyrenes (BF/MP) to F/P (Figure 2) shows that this sample is very similar to tar-like material (TLM) in META's reference library that were formed from manufactured gas plants (MGPs) utilizing carbureted water gas processes.

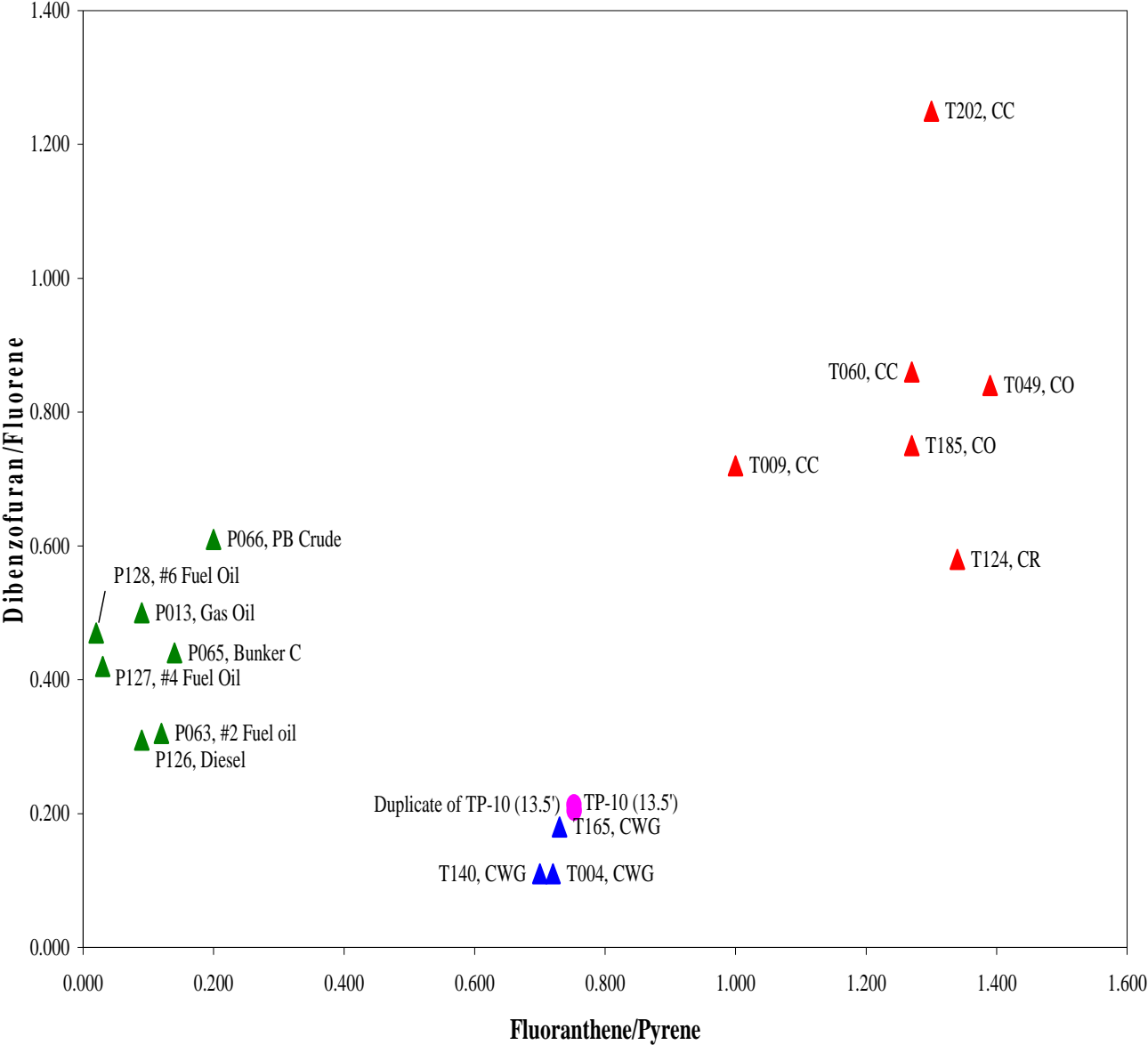
The petrogenic material was indicated by an unresolved complex mixture (UCM) that eluted from about 15 minutes (C10 – decane) to about 45 minutes (C34 – tetratriacontane) with a maximum at about 30 minutes in the GC/FID chromatogram. The presence of isoprenoid compounds including pristane and phytane as well as alkyl-cyclohexane hydrocarbons and sesquiterpane petroleum biomarkers in the GCMS extracted ion current profiles (EICPs - Appendix E) indicates that this material was produced from petroleum. Normal alkanes were present at much lower levels relative to the isoprenoid hydrocarbons indicating that this

petrogenic material has experienced substantial environmentally induced degradation. Examples of common petroleum products with these features include blended fuel oils such as No. 4 or No. 6 fuel oils, and mixed materials.

Conclusions

Based on the hydrocarbon fingerprint and the PAH ratios discussed above, the soil sample *TP-10 (13.5)* collected from the Con Edison Farrington site contained a TLM, likely produced from a former MGP operating the CWG process, and a petrogenic material similar to weathered No. 6 oil or mixed sources.

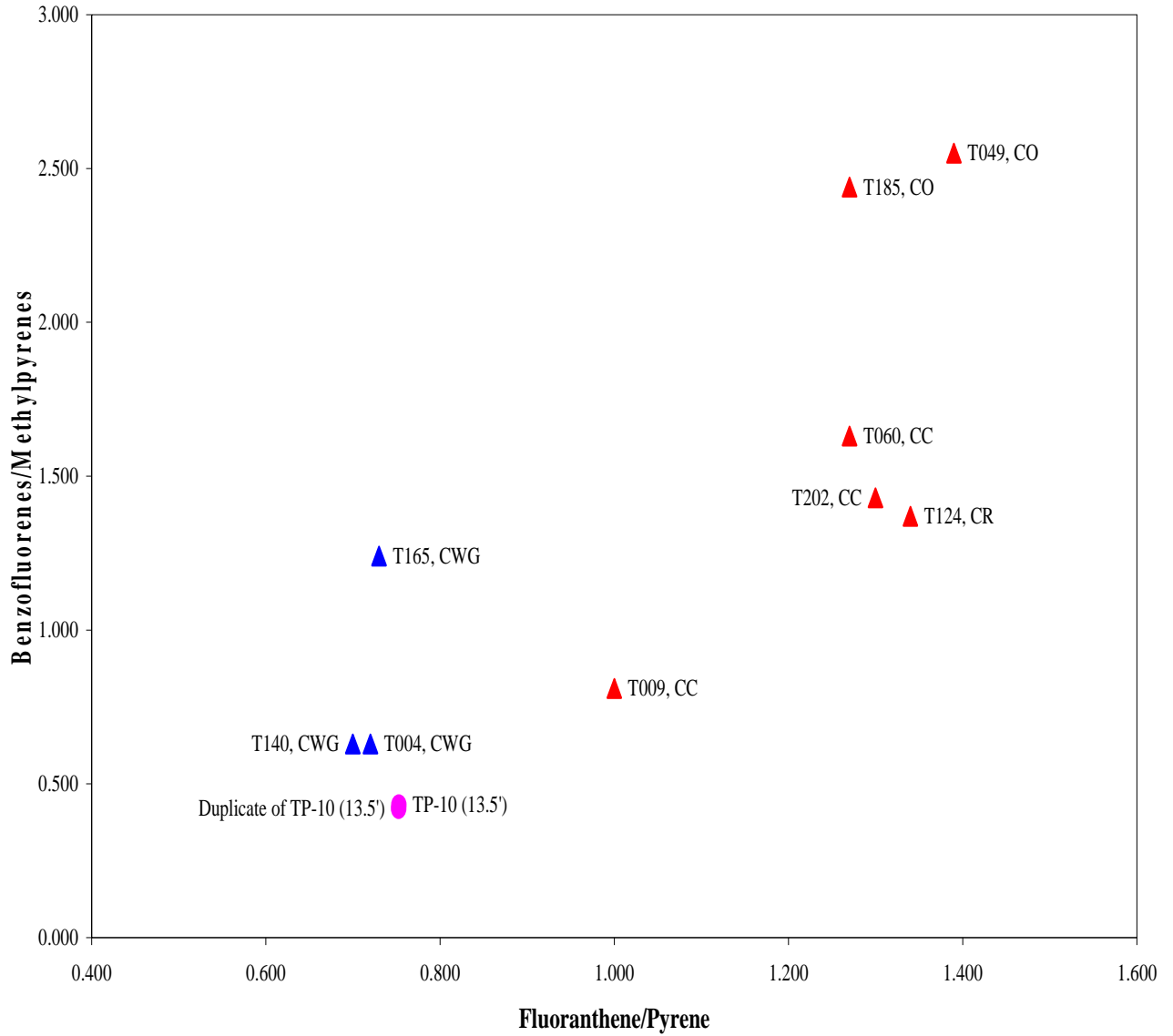
Figure 1. Selected Diagnostic Ratios – Fl/Py v. D/F



- TXXX Tar Sample from META's in house source library
- CC Coal Carbonization Tar
- CO Coke Oven Tar
- CR Creosote
- CWG Carbureted Water Gas Tar
- Field Samples



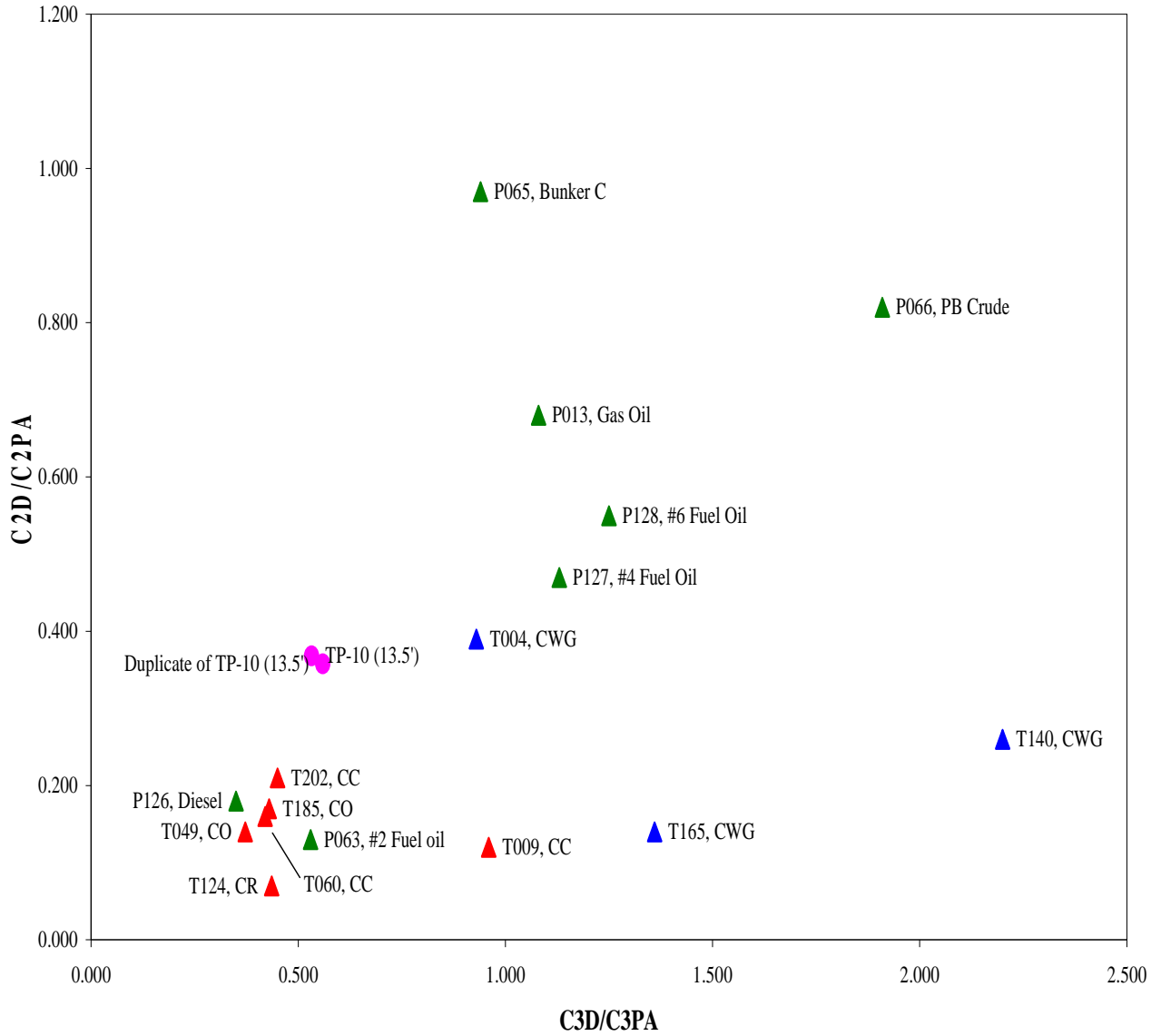
Figure 2. Selected Diagnostic Ratios – Fl/Py v. BF/MP



- TXXX Tar Sample from META's in house source library
- CC Coal Carbonization Tar
- CO Coke Oven Tar
- CR Creosote
- CWG Carbureted Water Gas Tar
- Field Samples



Figure 3. Selected Diagnostic Ratios – C2D/C2PA v. C3D/C3PA



- TXXX Tar Sample from META's in house source library
- CC Coal Carbonization Tar
- CO Coke Oven Tar
- CR Creosote
- CWG Carbureted Water Gas Tar
- Field Samples

Definitions

Pyrogenic substances are complex mixtures of primarily hydrocarbons produced from organic matter subjected to high temperatures but with insufficient oxygen for complete combustion. Pyrogenic materials are produced by fires, internal combustion engines, and furnaces. They also are formed when coke or gas are produced from coal or oil. Coal-tar based products, such as roofing, pavement sealers, waterproofing, pesticides, and some shampoos contain pyrogenic materials.

Petrogenic substances include crude oil and crude oil derivatives such as gasoline, heating oil, and asphalt.

References

McNicoll, D., Tousignant, L.P., Augustine, P. "Facts and Fallacies: Petroleum Degradation in a Subsurface Environment." Contaminated Soil Sediment and Water, 17-21, June, July 2001

"Chemical Fingerprinting of Hydrocarbons," in: Introduction to Environmental Forensics. B.L. Murphy and R.D. Morrison editors, Academic Press, San Diego, CA 2002.

Mauro, D.M., "Chemical Source Attribution at former MGP Sites," EPRI Report 1000728, December 2000.

Appendix A

Chains of Custody



284 Sheffield Street, Mountainside, NJ 07092
 (908) 789-8900 Fax (908) 789-8922
 www.chemtech.net

CHEMTECH PROJECT NO.

QUOTE NO.

COC Number **077415**

CHAIN OF CUSTODY RECORD
 Meta Environmental, Inc.

CLIENT INFORMATION

CLIENT PROJECT INFORMATION

CLIENT BILLING INFORMATION

REPORT TO BE SENT TO:

COMPANY: **Parsons**
 ADDRESS: **290 Liverpool Rd**
 CITY: **Liverpool** STATE: **NY** ZIP: **13088**
 ATTENTION: **Shane Blauvelt**
 PHONE: **315-451-9560** FAX: **315-451-9570**

PROJECT NAME: **6 Melrose Farmington Street**
 PROJECT NO.: **444575** LOCATION: **Queens, NY**
 PROJECT MANAGER: **Yelena Skordogotov**
 e-mail:
 PHONE: **718-204-4205** FAX:

BILL TO: PO#: ADDRESS: CITY: STATE: ZIP: ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

DATA DELIVERABLE INFORMATION

FAX: **7 Day TAT** DAYS *
 HARD COPY: DAYS *
 EDD: DAYS *
 PREAPPROVED TAT: YES NO
 STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

RESULTS ONLY USEPA CLP
 RESULTS + QC New York State ASP "B"
 New Jersey REDUCED New York State ASP "A"
 New Jersey CLP Other _____
 EDD FORMAT _____

*GC/FID/EDA 8100 ml
 GC/MS/SEM (P&S 270 ml)*

ANALYSIS

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS ← Specify Preservatives A-HCl B-HNO ₃ C-H ₂ SO ₄ D-NaOH E-ICE F-Other			
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9				
1.	TP-10 (135')	SDI	X	X	4/16/09	1330	1	X	X											PA090421-01
2.																				
3.																				
4.																				
5.																				
6.																				
7.																				
8.																				
9.																				
10.																				

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER: 1. <i>[Signature]</i>	DATE/TIME: 4/24/09 1:00	RECEIVED BY: 1. <i>[Signature]</i> 4/21/09 11:00	Conditions of bottles or coolers at receipt: <input type="checkbox"/> Compliant <input type="checkbox"/> Non Compliant MeOH extraction requires an additional 4 oz jar for percent solid. Comments:	Cooler Temp. <u>18°C</u> Ice in Cooler?: <u>yes</u>
RELINQUISHED BY: 2.	DATE/TIME:	RECEIVED BY: 2.		
RELINQUISHED BY: 3.	DATE/TIME:	RECEIVED FOR LAB BY: 3.	Page _____ of _____	SHIPPED VIA: CLIENT: <input type="checkbox"/> HAND DELIVERED <input type="checkbox"/> OVERNIGHT CHEMTECH: <input type="checkbox"/> PICKED UP <input type="checkbox"/> OVERNIGHT Shipment Complete: <input type="checkbox"/> YES <input type="checkbox"/> NO

META Environmental, Inc.

Sample Receipt Log

Lab ID	Field ID	Matrix	Prep Method	Cleanup Method	Analysis Method	Date Sampled	Date Received	Project #	Container	Comments	Client Name	Project Name
PA090421-01	TP-10 (13.5')	Soil	2508		4007/4008	4/15/2009	4/21/2009	P06015-60	1 x 4 oz jar	1 week turn around	Parsons	Con Edison Farrington Street

Logged By:

JO

Date:

4/21/09

Reviewed By:

[Signature]

Date:

4/21/09

META Environmental, Inc.
Sample Receipt Checklist

Receipt date: 4-21-09
Login date: 4-21-09
Login personnel: JO

Client Information:

Company Name: Parsons
Project Manager: Yelena Skorobogatov
Project Name: Con Edison Farrington Street

Shipping Information:

How were samples received? UPS FedEx DHL Other:
Number of coolers: 1
Internal temperature of coolers: 1.8°C
Was ice present? Yes / No

Note: if cooler is outside the 2-6° range, META's project manager should be notified.

Documentation:

Was a Chain of Custody present? Yes / No
Was it signed? Yes / No
Was all project information present on the COC? Yes / No
Was a bill of lading or shipping label retained? Yes / No

Sample Information:

Number of sample containers: 1
Does this match the COC? Yes / No
Were all sample containers Intact? Yes / No
If no, list samples and problems:

Note: if samples are damaged, META's project manager should be notified.

For aqueous 40ml Voas; was headspace present? Yes / No NA

Comments:

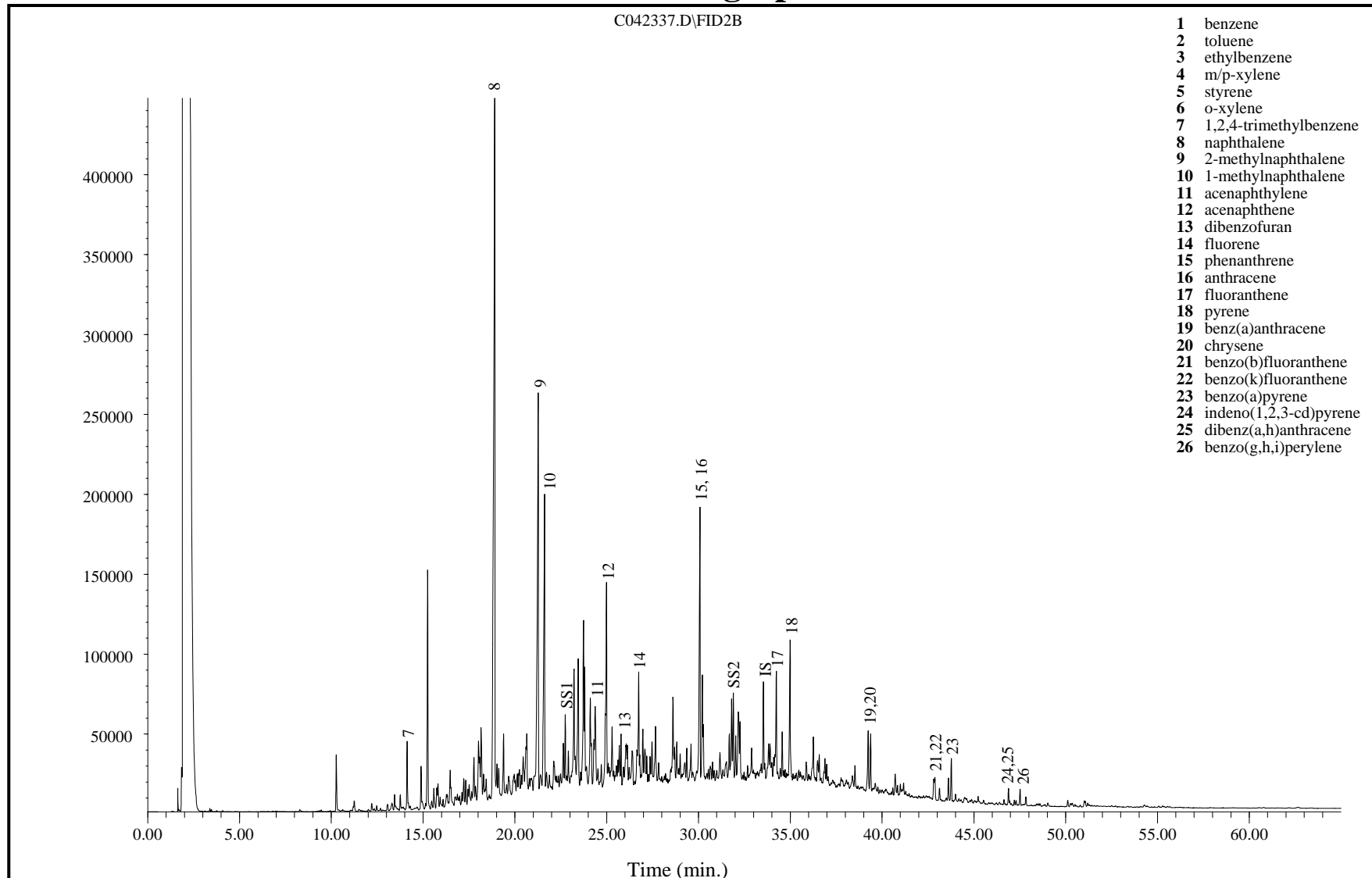
Custodian: Julie O'Reilly

Project Manager: [Signature]

Appendix B

GC/FID Fingerprints

GC/FID Fingerprint



Extraction Date: 04/22/2009

Analysis Date: 04/25/2009

IS - 5 α -androstane

SS1 - 2-fluorobiphenyl

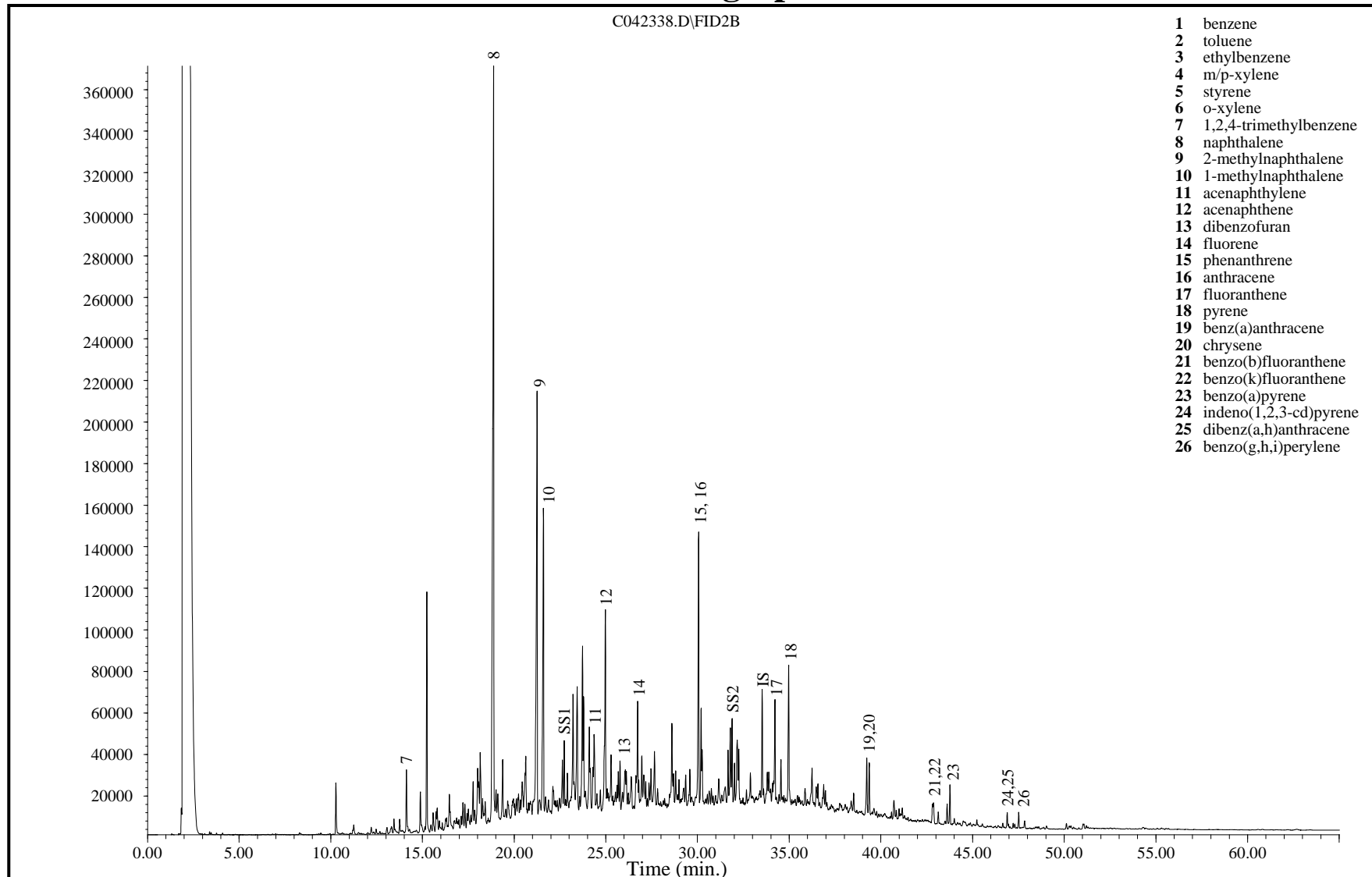
SS2 - o-terphenyl

Field ID: TP-10 (13.5')

Laboratory ID: PA090421-01-R

Method: EPA 8100M

GC/FID Fingerprint



Extraction Date: 04/22/2009
Analysis Date: 04/25/2009

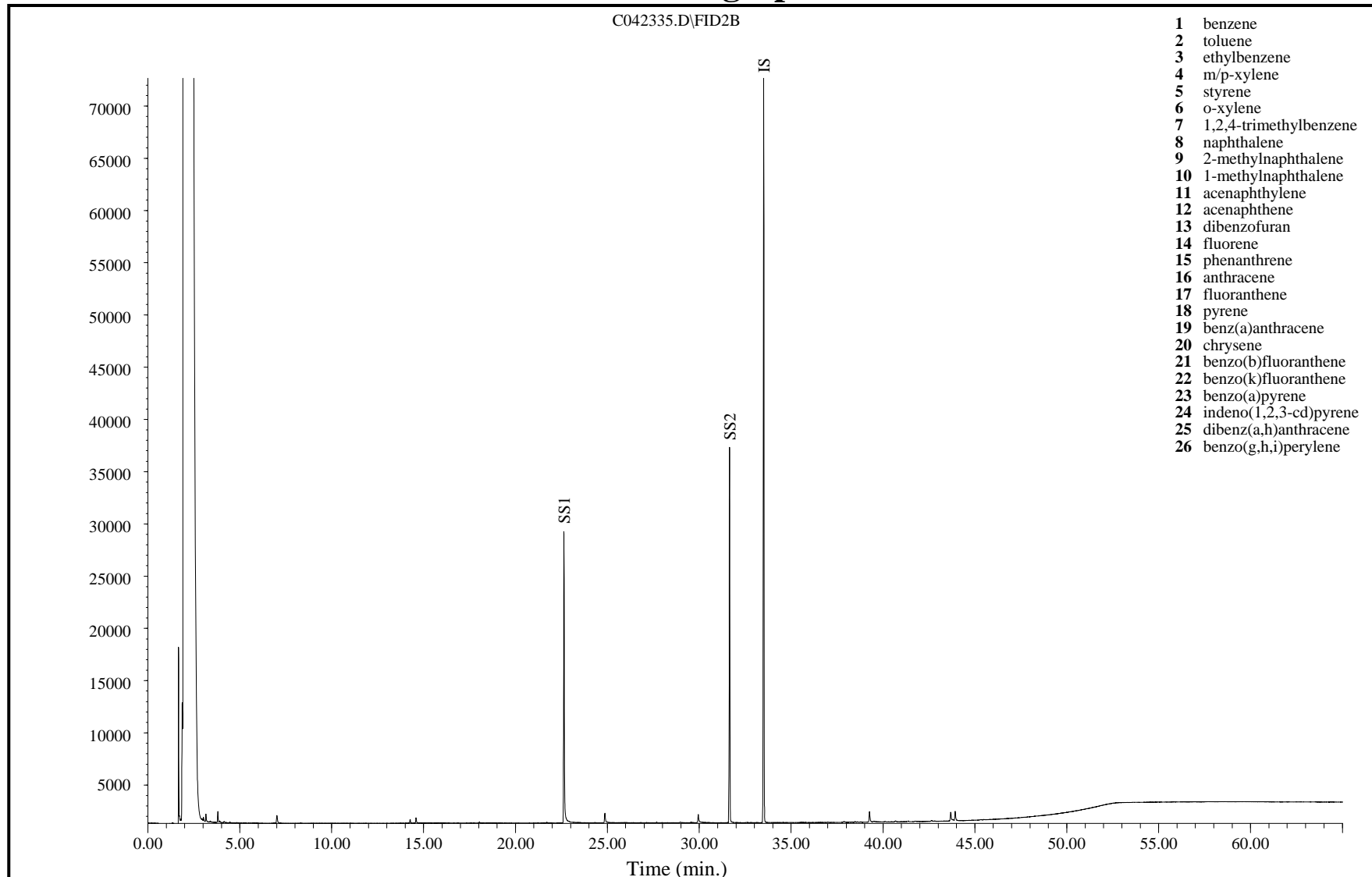
IS – 5 α -androstane
 SS1 – 2-fluorobiphenyl
 SS2 – o-terphenyl

Field ID: TP-10 (13.5')

Laboratory ID: PA090421-01DUP-R

Method: EPA 8100M

GC/FID Fingerprint



Extraction Date: 4/22/2009
Analysis Date: 04/25/2009

IS – 5 α -androstane
 SS1 – 2-fluorobiphenyl
 SS2 – o-terphenyl

Field ID: Soil Blank
Laboratory ID: QC090422-SB
Method: EPA 8100M

Appendix C

Chemical Concentrations

Analytical Results for Volatile and Semivolatile Organics
META Environmental, Inc.

Field ID: TP-10 (13.5')

Client:	Parsons	Preparation Method:	EPA 3570
Project:	Con Edison - Farrington St.	Cleanup Method(s):	NA
		Analysis Method:	EPA 8270M
Lab ID	PA090421-01-R		
File ID:	E042406.D	Matrix:	Soil
		Preservation:	None
Date Sampled:	4/15/2009	Decanted:	None
Date Received:	4/21/2009		
Date Prepared:	4/22/2009	Sample Size (g):	3.49
Date Cleanup:	NA	Percent Solid:	80.0%
Date Analyzed:	4/24/2009	Extract Volume (µl):	2000
Instrument:	EI Camino	Prep DF:	1
Operator:	ERL	Analysis DF:	1
		Injection Volume (µl):	1.00
Batch QC:	QC090422-SB		

Analyte	Concentration (mg/kg dry wt.)	RL	EDL	Comments
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MAH & PAH COMPOUNDS:

Benzene	0.059 B	0.004	0.002	
Toluene	0.050 B	0.007	0.004	
Ethylbenzene	24.8 DB	0.004	0.002	
m/p-Xylenes	0.546	0.004	0.002	
Styrene	3.86 B	0.007	0.004	
o-Xylene	5.71	0.004	0.002	
Isopropylbenzene	5.11	0.004	0.002	
n-Propylbenzene	2.44	0.004	0.002	
1,3,5-Trimethylbenzene	7.87	0.004	0.002	
1,2,4-Trimethylbenzene	28.6 D	0.004	0.002	
t-Butylbenzene	U	0.004	0.002	
sec-Butylbenzene	0.461	0.004	0.002	
p-Isopropyltoluene	4.51	0.004	0.002	
n-Butylbenzene	U	0.004	0.002	
C1 - Benzene	0.149	0.007	0.004	
C2 - Benzene	13.2 D	0.004	0.002	
C3 - Benzene	29.5 D	0.004	0.002	
C4 - Benzene	33.0 D	0.004	0.002	
C5 - Benzene	18.6 D	0.004	0.002	
trans-Decalin	3.6	0.004	0.002	
cis-Decalin	U	0.004	0.002	
Naphthalene	398 DB	0.004	0.002	
2-Methylnaphthalene	234 DB	0.004	0.002	
1-Methylnaphthalene	154 DB	0.004	0.002	
C1 - Naphthalene	238 DB	0.004	0.002	
C2 - Naphthalene	154 DB	0.004	0.002	
C3- Naphthalene	64.9 B	0.004	0.002	
C4- Naphthalene	24.1	0.004	0.002	
Acenaphthylene	13.3	0.004	0.002	
Acenaphthene	84.8 DB	0.004	0.002	
Dibenzofuran	7.67	0.004	0.002	
Fluorene	46.8 DB	0.004	0.002	
C1 - Fluorene	29.8	0.004	0.002	
C2 - Fluorene	20.5	0.004	0.002	
C3 - Fluorene	9.37	0.004	0.002	
Phenanthrene	138 DB	0.004	0.002	
Anthracene	47.8 D	0.004	0.002	

Analytical Results for Volatile and Semivolatile Organics
META Environmental, Inc.

Field ID: TP-10 (13.5')

Client:	Parsons	Preparation Method:	EPA 3570
Project:	Con Edison - Farrington St.	Cleanup Method(s):	NA
Lab ID	PA090421-01-R	Analysis Method:	EPA 8270M
File ID:	E042406.D	Matrix:	Soil
Date Sampled:	4/15/2009	Preservation:	None
Date Received:	4/21/2009	Decanted:	None
Date Prepared:	4/22/2009	Sample Size (g):	3.49
Date Cleanup:	NA	Percent Solid:	80.0%
Date Analyzed:	4/24/2009	Extract Volume (µl):	2000
Instrument:	EI Camino	Prep DF:	1
Operator:	ERL	Analysis DF:	1
Batch QC:	QC090422-SB	Injection Volume (µl):	1.00

Analyte	Concentration (mg/kg dry wt.)	RL	EDL	Comments
C1 - Phenanthrene/Anthracene	93.9 B	0.004	0.002	
C2 - Phenanthrene/Anthracene	50.8	0.004	0.002	
C3 - Phenanthrene/Anthracene	17.8	0.004	0.002	
C4 - Phenanthrene/Anthracene	4.48	0.004	0.002	
Dibenzothiophene	16.7 D	0.004	0.002	
C1 - Dibenzothiophene	22.5	0.004	0.002	
C2 - Dibenzothiophene	18.7	0.004	0.002	
C3 - Dibenzothiophene	9.48	0.004	0.002	
C4 - Dibenzothiophene	3.14	0.004	0.002	
Benzo(b)naphtho(2,1-d)thiophene	4.97	0.004	0.002	
Fluoranthene	49.8 DB	0.004	0.002	
Pyrene	66.2 DB	0.004	0.002	
C1 - Fluoranthene/Pyrene	66.2 B	0.004	0.002	
C2 - Fluoranthene/Pyrene	23.7	0.004	0.002	
C3 - Fluoranthene/Pyrene	6.76	0.004	0.002	
Benz[a]anthracene	27.0 DB	0.004	0.002	
Chrysene*	24.2 DB	0.004	0.002	
C1 - Benz(a)anthracene/Chrysene	20.9	0.004	0.002	
C2 - Benz(a)anthracene/Chrysene	8.3	0.004	0.002	
C3 - Benz(a)anthracene/Chrysene	2.0	0.004	0.002	
C4 - Benz(a)anthracene/Chrysene	1.05	0.004	0.002	
Benzo[b]fluoranthene	10.7	0.004	0.002	
Benzo[j/k]fluoranthene	12.0	0.004	0.002	
Benzo(e)pyrene	10.4	0.004	0.002	
Benzo[a]pyrene	19.1 D	0.004	0.002	
Perylene	3.74	0.004	0.002	
Indeno[1,2,3-cd]pyrene	7.47	0.004	0.002	
Dibenz[a,h]anthracene	3.03	0.004	0.002	
Benzo[g,h,i]perylene	8.63	0.004	0.002	
Coronene	2.72	0.004	0.002	
Retene	U	0.004	0.002	
Benzo(b/c)fluorenes	11.4	0.004	0.002	
2-Methylpyrene	8.48	0.004	0.002	
4-Methylpyrene	8.13	0.004	0.002	
1-Methylpyrene	9.8	0.004	0.002	
Heptadecane	3.11 B	0.007	0.004	
Pristane	40.5 DB	0.004	0.002	
Octadecane	2.49 B	0.007	0.004	
Phytane	32.9 D	0.004	0.002	

Analytical Results for Volatile and Semivolatile Organics
META Environmental, Inc.

Field ID: TP-10 (13.5')

Client:	Parsons	Preparation Method:	EPA 3570
Project:	Con Edison - Farrington St.	Cleanup Method(s):	NA
		Analysis Method:	EPA 8270M
Lab ID	PA090421-01-R		
File ID:	E042406.D	Matrix:	Soil
		Preservation:	None
Date Sampled:	4/15/2009	Decanted:	None
Date Received:	4/21/2009		
Date Prepared:	4/22/2009	Sample Size (g):	3.49
Date Cleanup:	NA	Percent Solid:	80.0%
Date Analyzed:	4/24/2009	Extract Volume (µl):	2000
Instrument:	EI Camino	Prep DF:	1
Operator:	ERL	Analysis DF:	1
		Injection Volume (µl):	1.00
Batch QC:	QC090422-SB		

Analyte	Concentration (mg/kg dry wt.)	RL	EDL	Comments
2,6,10-trimethyldodecane	28.3 D	0.004	0.002	
2,6,10-trimethyltridecane	26.2 D	0.004	0.002	
Norpristane	25.0 D	0.004	0.002	
Tetraethyl lead	U	0.007	0.004	
Total PAH (16)	957	0.004	0.002	
Total PAH (42)	1,880	0.004	0.002	

Extraction Surrogate Recoveries (%)		Limits
Toluene-d8	97	50 - 120
Phenanthrene-d10	110	50 - 120
Benzo[a]pyrene-d12	117	50 - 120
Perylene-d12	141	50 - 120

NA - Not applicable.

B - Analyte detected in the Blank.

J - Estimated value; detected between the RL and DL.

U - Analyte not detected above DL.

D - Analyte reported from a diluted extract.

E - Estimate, result detected above calibration range.

I - Concentration/Peak ID uncertain due to potential interference.

RL - Reporting limit is the sample equivalent of the lowest linear calibration concentration.

EDL - Estimated detection limit is 50% of RL.

* - Triphenylene is known to coelute with this compound.

Analytical Results for Volatile and Semivolatile Organics
META Environmental, Inc.

Field ID: Soil Blank

Client:	Parsons	Preparation Method:	EPA 3570
Project:	Con Edison - Farrington St.	Cleanup Method(s):	NA
		Analysis Method:	EPA 8270M
Lab ID	QC090422-SB		
File ID:	E042404.D	Matrix:	Soil
		Preservation:	None
Date Sampled:	NA	Decanted:	None
Date Received:	NA		
Date Prepared:	4/22/2009	Sample Size (g):	4.00
Date Cleanup:	NA	Percent Solid:	100.0%
Date Analyzed:	4/24/2009	Extract Volume (µl):	2000
Instrument:	EI Camino	Prep DF:	1
Operator:	ERL	Analysis DF:	1
		Injection Volume (µl):	1.00
Batch QC:	QC090422-SB		

Analyte	Concentration (mg/kg dry wt.)	RL	EDL	Comments
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MAH & PAH COMPOUNDS:

Benzene	0.009	0.003	0.001	
Toluene	0.003 J	0.005	0.003	
Ethylbenzene	0.001 J	0.003	0.001	
m/p-Xylenes	U	0.003	0.001	
Styrene	0.013	0.005	0.003	
o-Xylene	U	0.003	0.001	
Isopropylbenzene	U	0.003	0.001	
n-Propylbenzene	U	0.003	0.001	
1,3,5-Trimethylbenzene	U	0.003	0.001	
1,2,4-Trimethylbenzene	U	0.003	0.001	
t-Butylbenzene	U	0.003	0.001	
sec-Butylbenzene	U	0.003	0.001	
p-Isopropyltoluene	U	0.003	0.001	
n-Butylbenzene	U	0.003	0.001	
C1 - Benzene	U	0.005	0.003	
C2 - Benzene	U	0.003	0.001	
C3 - Benzene	U	0.003	0.001	
C4 - Benzene	U	0.003	0.001	
C5 - Benzene	U	0.003	0.001	
trans-Decalin	U	0.003	0.001	
cis-Decalin	U	0.003	0.001	
Naphthalene	0.003	0.003	0.001	
2-Methylnaphthalene	0.003 J	0.003	0.001	
1-Methylnaphthalene	0.002 J	0.003	0.001	
C1 - Naphthalene	0.003 J	0.003	0.001	
C2 - Naphthalene	0.004	0.003	0.001	
C3- Naphthalene	0.003	0.003	0.001	
C4- Naphthalene	U	0.003	0.001	
Acenaphthylene	U	0.003	0.001	
Acenaphthene	0.001 J	0.003	0.001	
Dibenzofuran	U	0.003	0.001	
Fluorene	0.001 J	0.003	0.001	
C1 - Fluorene	U	0.003	0.001	
C2 - Fluorene	U	0.003	0.001	
C3 - Fluorene	U	0.003	0.001	
Phenanthrene	0.004	0.003	0.001	
Anthracene	U	0.003	0.001	

Analytical Results for Volatile and Semivolatile Organics
META Environmental, Inc.

Field ID: Soil Blank

Client:	Parsons	Preparation Method:	EPA 3570
Project:	Con Edison - Farrington St.	Cleanup Method(s):	NA
		Analysis Method:	EPA 8270M
Lab ID	QC090422-SB		
File ID:	E042404.D	Matrix:	Soil
		Preservation:	None
Date Sampled:	NA	Decanted:	None
Date Received:	NA		
Date Prepared:	4/22/2009	Sample Size (g):	4.00
Date Cleanup:	NA	Percent Solid:	100.0%
Date Analyzed:	4/24/2009	Extract Volume (µl):	2000
Instrument:	EI Camino	Prep DF:	1
Operator:	ERL	Analysis DF:	1
		Injection Volume (µl):	1.00
Batch QC:	QC090422-SB		

Analyte	Concentration (mg/kg dry wt.)	RL	EDL	Comments
C1 - Phenanthrene/Anthracene	0.003	0.003	0.001	
C2 - Phenanthrene/Anthracene	U	0.003	0.001	
C3 - Phenanthrene/Anthracene	U	0.003	0.001	
C4 - Phenanthrene/Anthracene	U	0.003	0.001	
Dibenzothiophene	U	0.003	0.001	
C1 - Dibenzothiophene	U	0.003	0.001	
C2 - Dibenzothiophene	U	0.003	0.001	
C3 - Dibenzothiophene	U	0.003	0.001	
C4 - Dibenzothiophene	U	0.003	0.001	
Benzo(b)naphtho(2,1-d)thiophene	U	0.003	0.001	
Fluoranthene	0.002 J	0.003	0.001	
Pyrene	0.002 J	0.003	0.001	
C1 - Fluoranthene/Pyrene	0.003	0.003	0.001	
C2 - Fluoranthene/Pyrene	U	0.003	0.001	
C3 - Fluoranthene/Pyrene	U	0.003	0.001	
Benz[a]anthracene	0.001 J	0.003	0.001	
Chrysene*	0.001 J	0.003	0.001	
C1 - Benz(a)anthracene/Chrysene	U	0.003	0.001	
C2 - Benz(a)anthracene/Chrysene	U	0.003	0.001	
C3 - Benz(a)anthracene/Chrysene	U	0.003	0.001	
C4 - Benz(a)anthracene/Chrysene	U	0.003	0.001	
Benzo[b]fluoranthene	U	0.003	0.001	
Benzo[j/k]fluoranthene	U	0.003	0.001	
Benzo(e)pyrene	U	0.003	0.001	
Benzo[a]pyrene	U	0.003	0.001	
Perylene	U	0.003	0.001	
Indeno[1,2,3-cd]pyrene	U	0.003	0.001	
Dibenz[a,h]anthracene	U	0.003	0.001	
Benzo[g,h,i]perylene	U	0.003	0.001	
Coronene	U	0.003	0.001	
Retene	U	0.003	0.001	
Benzo(b/c)fluorenes	U	0.003	0.001	
2-Methylpyrene	U	0.003	0.001	
4-Methylpyrene	U	0.003	0.001	
1-Methylpyrene	U	0.003	0.001	
Heptadecane	0.004 J	0.005	0.003	
Pristane	0.002 J	0.003	0.001	
Octadecane	0.004 J	0.005	0.003	
Phytane	U	0.003	0.001	

Analytical Results for Volatile and Semivolatile Organics
META Environmental, Inc.

Field ID: Soil Blank

Client:	Parsons	Preparation Method:	EPA 3570
Project:	Con Edison - Farrington St.	Cleanup Method(s):	NA
Lab ID	QC090422-SB	Analysis Method:	EPA 8270M
File ID:	E042404.D	Matrix:	Soil
Date Sampled:	NA	Preservation:	None
Date Received:	NA	Decanted:	None
Date Prepared:	4/22/2009	Sample Size (g):	4.00
Date Cleanup:	NA	Percent Solid:	100.0%
Date Analyzed:	4/24/2009	Extract Volume (µl):	2000
Instrument:	EI Camino	Prep DF:	1
Operator:	ERL	Analysis DF:	1
Batch QC:	QC090422-SB	Injection Volume (µl):	1.00

Analyte	Concentration (mg/kg dry wt.)	RL	EDL	Comments
2,6,10-trimethyldodecane	U	0.003	0.001	
2,6,10-trimethyltridecane	U	0.003	0.001	
Norpristane	U	0.003	0.001	
Tetraethyl lead	U	0.005	0.003	
Total PAH (16)	0.015	0.003	0.001	
Total PAH (42)	0.031	0.003	0.001	

<i>Extraction Surrogate Recoveries (%)</i>		Limits
Toluene-d8	82	50 - 120
Phenanthrene-d10	99	50 - 120
Benzo[a]pyrene-d12	94	50 - 120
Perylene-d12	106	50 - 120

NA - Not applicable.

B - Analyte detected in the Blank.

J - Estimated value; detected between the RL and DL.

U - Analyte not detected above DL.

D - Analyte reported from a diluted extract.

E - Estimate, result detected above calibration range.

I - Concentration/Peak ID uncertain due to potential interference.

RL - Reporting limit is the sample equivalent of the lowest linear calibration concentration.

EDL - Estimated detection limit is 50% of RL.

* - Triphenylene is known to coelute with this compound.

Analytical Results for Volatile and Semivolatile Organics
META Environmental, Inc.

Field ID: Soil Blank Spike

Client:	Parsons	Preparation Method:	EPA 3570
Project:	Con Edison - Farrington St.	Cleanup Method(s):	NA
		Analysis Method:	EPA 8270M
Lab ID	QC090422-SBS		
File ID:	E042405.D	Matrix:	Soil
		Preservation:	None
Date Sampled:	NA	Decanted:	None
Date Received:	NA		
Date Prepared:	4/22/2009	Sample Size (g):	4.00
Date Cleanup:	NA	Percent Solid:	100.0%
Date Analyzed:	4/24/2009	Extract Volume (µl):	2000
Instrument:	EI Camino	Prep DF:	1
Operator:	ERL	Analysis DF:	1
		Injection Volume (µl):	1.00
Batch QC:	QC090422-SB		

Analyte	Concentration (mg/kg dry wt.)		RL	EDL	Comments
MAH & PAH COMPOUNDS:	Spike Amount				% Recovery
Benzene	2.50	2.56 B	0.003	0.001	102
Toluene	2.50	2.43 B	0.005	0.003	97
Ethylbenzene	2.50	2.45 B	0.003	0.001	98
m/p-Xylenes	2.50	2.53	0.003	0.001	101
Styrene	2.50	2.88 B	0.005	0.003	115
o-Xylene	2.50	2.54	0.003	0.001	102
Isopropylbenzene	2.50	2.61	0.003	0.001	104
n-Propylbenzene	2.50	2.65	0.003	0.001	106
1,3,5-Trimethylbenzene	2.50	2.61	0.003	0.001	104
1,2,4-Trimethylbenzene	2.50	2.65	0.003	0.001	106
t-Butylbenzene		U	0.003	0.001	
sec-Butylbenzene	2.50	2.7	0.003	0.001	108
p-Isopropyltoluene	2.50	2.79	0.003	0.001	112
n-Butylbenzene	2.50	2.88	0.003	0.001	115
C1 - Benzene		U	0.005	0.003	
C2 - Benzene		U	0.003	0.001	
C3 - Benzene		U	0.003	0.001	
C4 - Benzene		U	0.003	0.001	
C5 - Benzene		U	0.003	0.001	
trans-Decalin		U	0.003	0.001	
cis-Decalin		U	0.003	0.001	
Naphthalene	2.50	2.86 B	0.003	0.001	114
2-Methylnaphthalene	2.50	2.92 B	0.003	0.001	117
1-Methylnaphthalene	2.50	2.84 B	0.003	0.001	114
C1 - Naphthalene		BU	0.003	0.001	
C2 - Naphthalene		BU	0.003	0.001	
C3- Naphthalene		BU	0.003	0.001	
C4- Naphthalene		U	0.003	0.001	
Acenaphthylene	2.50	2.84	0.003	0.001	114
Acenaphthene	2.50	2.74 B	0.003	0.001	110
Dibenzofuran	2.50	2.81	0.003	0.001	112
Fluorene	2.50	2.9 B	0.003	0.001	116
C1 - Fluorene		U	0.003	0.001	
C2 - Fluorene		U	0.003	0.001	
C3 - Fluorene		U	0.003	0.001	
Phenanthrene	2.50	2.78 B	0.003	0.001	111
Anthracene	2.50	2.79	0.003	0.001	112

Analytical Results for Volatile and Semivolatile Organics
META Environmental, Inc.

Field ID: Soil Blank Spike

Client:	Parsons	Preparation Method:	EPA 3570
Project:	Con Edison - Farrington St.	Cleanup Method(s):	NA
		Analysis Method:	EPA 8270M
Lab ID	QC090422-SBS		
File ID:	E042405.D	Matrix:	Soil
		Preservation:	None
Date Sampled:	NA	Decanted:	None
Date Received:	NA		
Date Prepared:	4/22/2009	Sample Size (g):	4.00
Date Cleanup:	NA	Percent Solid:	100.0%
Date Analyzed:	4/24/2009	Extract Volume (µl):	2000
Instrument:	EI Camino	Prep DF:	1
Operator:	ERL	Analysis DF:	1
		Injection Volume (µl):	1.00
Batch QC:	QC090422-SB		

Analyte	Concentration (mg/kg dry wt.)		RL	EDL	Comments
C1 - Phenanthrene/Anthracene		BU	0.003	0.001	
C2 - Phenanthrene/Anthracene		U	0.003	0.001	
C3 - Phenanthrene/Anthracene		U	0.003	0.001	
C4 - Phenanthrene/Anthracene		U	0.003	0.001	
Dibenzothiophene	2.50	2.79	0.003	0.001	112
C1 - Dibenzothiophene		U	0.003	0.001	
C2 - Dibenzothiophene		U	0.003	0.001	
C3 - Dibenzothiophene		U	0.003	0.001	
C4 - Dibenzothiophene		U	0.003	0.001	
Benzo(b)naphtho(2,1-d)thiophene		U	0.003	0.001	
Fluoranthene	2.50	2.89 B	0.003	0.001	116
Pyrene	2.50	2.83 B	0.003	0.001	113
C1 - Fluoranthene/Pyrene		BU	0.003	0.001	
C2 - Fluoranthene/Pyrene		U	0.003	0.001	
C3 - Fluoranthene/Pyrene		U	0.003	0.001	
Benz[a]anthracene	2.50	2.92 B	0.003	0.001	117
Chrysene*	2.50	2.76 B	0.003	0.001	110
C1 - Benz(a)anthracene/Chrysene		U	0.003	0.001	
C2 - Benz(a)anthracene/Chrysene		U	0.003	0.001	
C3 - Benz(a)anthracene/Chrysene		U	0.003	0.001	
C4 - Benz(a)anthracene/Chrysene		U	0.003	0.001	
Benzo[b]fluoranthene	2.50	2.93	0.003	0.001	117
Benzo[j/k]fluoranthene	2.50	2.93	0.003	0.001	117
Benzo(e)pyrene	2.50	2.68	0.003	0.001	107
Benzo[a]pyrene	2.50	2.8	0.003	0.001	112
Perylene		U	0.003	0.001	
Indeno[1,2,3-cd]pyrene	2.50	2.97	0.003	0.001	119
Dibenz[a,h]anthracene	2.50	3.11	0.003	0.001	124
Benzo[g,h,i]perylene	2.50	2.88	0.003	0.001	115
Coronene		U	0.003	0.001	
Retene		U	0.003	0.001	
Benzo(b/c)fluorenes		U	0.003	0.001	
2-Methylpyrene		U	0.003	0.001	
4-Methylpyrene		U	0.003	0.001	
1-Methylpyrene		U	0.003	0.001	
Heptadecane		BU	0.005	0.003	
Pristane		BU	0.003	0.001	
Octadecane		BU	0.005	0.003	
Phytane		U	0.003	0.001	

Analytical Results for Volatile and Semivolatile Organics
META Environmental, Inc.

Field ID: Soil Blank Spike

Client:	Parsons	Preparation Method:	EPA 3570
Project:	Con Edison - Farrington St.	Cleanup Method(s):	NA
Lab ID	QC090422-SBS	Analysis Method:	EPA 8270M
File ID:	E042405.D	Matrix:	Soil
Date Sampled:	NA	Preservation:	None
Date Received:	NA	Decanted:	None
Date Prepared:	4/22/2009	Sample Size (g):	4.00
Date Cleanup:	NA	Percent Solid:	100.0%
Date Analyzed:	4/24/2009	Extract Volume (µl):	2000
Instrument:	EI Camino	Prep DF:	1
Operator:	ERL	Analysis DF:	1
Batch QC:	QC090422-SB	Injection Volume (µl):	1.00

Analyte	Concentration (mg/kg dry wt.)	RL	EDL	Comments
2,6,10-trimethyldodecane	U	0.003	0.001	
2,6,10-trimethyltridecane	U	0.003	0.001	
Norpristane	U	0.003	0.001	
Tetraethyl lead	U	0.005	0.003	

Extraction Surrogate Recoveries (%)

		Limits
Toluene-d8	97	50 - 120
Phenanthrene-d10	116	50 - 120
Benzo[a]pyrene-d12	109	50 - 120
Perylene-d12	120	50 - 120

NA - Not applicable.

B - Analyte detected in the Blank.

J - Estimated value; detected between the RL and DL.

U - Analyte not detected above DL.

D - Analyte reported from a diluted extract.

E - Estimate, result detected above calibration range.

I - Concentration/Peak ID uncertain due to potential interference.

RL - Reporting limit is the sample equivalent of the lowest linear calibration concentration.

EDL - Estimated detection limit is 50% of RL.

* - Triphenylene is known to coelute with this compound.

Analytical Results for Volatile and Semivolatile Organics
META Environmental, Inc.

Field ID: Duplicate of TP-10 (13.5')

Client:	Parsons	Preparation Method:	EPA 3570
Project:	Con Edison - Farrington St.	Cleanup Method(s):	NA
		Analysis Method:	EPA 8270M
Lab ID	PA090421-01DUP-R		
File ID:	E042408.D	Matrix:	Soil
		Preservation:	None
Date Sampled:	4/15/2009	Decanted:	None
Date Received:	4/21/2009		
Date Prepared:	4/22/2009	Sample Size (g):	3.50
Date Cleanup:	NA	Percent Solid:	80.0%
Date Analyzed:	4/24/2009	Extract Volume (µl):	2000
Instrument:	EI Camino	Prep DF:	1
Operator:	ERL	Analysis DF:	1
		Injection Volume (µl):	1.00
Batch QC:	QC090422-SB		

Analyte	Concentration (mg/kg dry wt.)	RL	EDL	Comments
MAH & PAH COMPOUNDS:				RPD
Benzene	0.040 B	0.004	0.002	38.4
Toluene	0.042 B	0.007	0.004	17.4
Ethylbenzene	18.6 DB	0.004	0.002	28.6
m/p-Xylenes	0.466	0.004	0.002	15.8
Styrene	3.29 B	0.007	0.004	15.9
o-Xylene	4.6	0.004	0.002	21.5
Isopropylbenzene	4.16	0.004	0.002	20.5
n-Propylbenzene	1.96	0.004	0.002	21.8
1,3,5-Trimethylbenzene	6.42	0.004	0.002	20.3
1,2,4-Trimethylbenzene	21.6 D	0.004	0.002	27.9
t-Butylbenzene	U	0.004	0.002	NA
sec-Butylbenzene	0.347	0.004	0.002	28.2
p-Isopropyltoluene	3.66	0.004	0.002	20.8
n-Butylbenzene	U	0.004	0.002	NA
C1 - Benzene	0.128	0.007	0.004	15.2
C2 - Benzene	9.82 D	0.004	0.002	29.4
C3 - Benzene	21.8 D	0.004	0.002	30
C4 - Benzene	24.8 D	0.004	0.002	28.4
C5 - Benzene	24.1	0.004	0.002	25.8
trans-Decalin	2.84	0.004	0.002	23.6
cis-Decalin	U	0.004	0.002	NA
Naphthalene	330 DB	0.004	0.002	18.7
2-Methylnaphthalene	180 DB	0.004	0.002	26.1
1-Methylnaphthalene	118 DB	0.004	0.002	26.5
C1 - Naphthalene	183 DB	0.004	0.002	26.1
C2 - Naphthalene	115 DB	0.004	0.002	29
C3- Naphthalene	51.3 B	0.004	0.002	23.4
C4- Naphthalene	18.8	0.004	0.002	24.7
Acenaphthylene	10.9	0.004	0.002	19.8
Acenaphthene	62.8 DB	0.004	0.002	29.8
Dibenzofuran	5.88	0.004	0.002	26.4
Fluorene	34.5 DB	0.004	0.002	30.3
C1 - Fluorene	22.7	0.004	0.002	27
C2 - Fluorene	15.8	0.004	0.002	25.9
C3 - Fluorene	7.72	0.004	0.002	19.3
Phenanthrene	103 DB	0.004	0.002	29
Anthracene	35.4 D	0.004	0.002	29.8

Analytical Results for Volatile and Semivolatile Organics
META Environmental, Inc.

Field ID: Duplicate of TP-10 (13.5')

Client:	Parsons	Preparation Method:	EPA 3570
Project:	Con Edison - Farrington St.	Cleanup Method(s):	NA
Lab ID	PA090421-01DUP-R	Analysis Method:	EPA 8270M
File ID:	E042408.D	Matrix:	Soil
Date Sampled:	4/15/2009	Preservation:	None
Date Received:	4/21/2009	Decanted:	None
Date Prepared:	4/22/2009	Sample Size (g):	3.50
Date Cleanup:	NA	Percent Solid:	80.0%
Date Analyzed:	4/24/2009	Extract Volume (µl):	2000
Instrument:	EI Camino	Prep DF:	1
Operator:	ERL	Analysis DF:	1
Batch QC:	QC090422-SB	Injection Volume (µl):	1.00

Analyte	Concentration (mg/kg dry wt.)	RL	EDL	Comments
C1 - Phenanthrene/Anthracene	73.8 B	0.004	0.002	24
C2 - Phenanthrene/Anthracene	39.7	0.004	0.002	24.5
C3 - Phenanthrene/Anthracene	12.8	0.004	0.002	32.7
C4 - Phenanthrene/Anthracene	3.1	0.004	0.002	36.4
Dibenzothiophene	12.8	0.004	0.002	26.4
C1 - Dibenzothiophene	17.3	0.004	0.002	26.1
C2 - Dibenzothiophene	14.2	0.004	0.002	27.4
C3 - Dibenzothiophene	7.16	0.004	0.002	27.9
C4 - Dibenzothiophene	2.34	0.004	0.002	29.2
Benzo(b)naphtho(2,1-d)thiophene	3.68	0.004	0.002	29.8
Fluoranthene	36.4 DB	0.004	0.002	31.1
Pyrene	48.5 DB	0.004	0.002	30.9
C1 - Fluoranthene/Pyrene	49.0 B	0.004	0.002	29.9
C2 - Fluoranthene/Pyrene	17.2	0.004	0.002	31.8
C3 - Fluoranthene/Pyrene	4.8	0.004	0.002	33.9
Benz[a]anthracene	19.9 B	0.004	0.002	30.3
Chrysene*	18.2 B	0.004	0.002	28.3
C1 - Benz(a)anthracene/Chrysene	18.4	0.004	0.002	12.7
C2 - Benz(a)anthracene/Chrysene	6.49	0.004	0.002	24.5
C3 - Benz(a)anthracene/Chrysene	1.51	0.004	0.002	27.9
C4 - Benz(a)anthracene/Chrysene	0.759	0.004	0.002	32.2
Benzo[b]fluoranthene	7.68	0.004	0.002	32.9
Benzo[j/k]fluoranthene	9.34	0.004	0.002	24.9
Benzo(e)pyrene	7.63	0.004	0.002	30.7
Benzo[a]pyrene	13.5 D	0.004	0.002	34.4
Perylene	2.77	0.004	0.002	29.8
Indeno[1,2,3-cd]pyrene	5.62	0.004	0.002	28.3
Dibenz[a,h]anthracene	2.22	0.004	0.002	30.9
Benzo[g,h,i]perylene	6.42	0.004	0.002	29.4
Coronene	2.0	0.004	0.002	30.5
Retene	U	0.004	0.002	NA
Benzo(b/c)fluorenes	8.32	0.004	0.002	31.2
2-Methylpyrene	6.28	0.004	0.002	29.8
4-Methylpyrene	6.17	0.004	0.002	27.4
1-Methylpyrene	7.39	0.004	0.002	28
Heptadecane	2.4 B	0.007	0.004	25.8
Pristane	31.1 DB	0.004	0.002	26.3
Octadecane	2.04 B	0.007	0.004	19.9
Phytane	25.3 D	0.004	0.002	26.1

Analytical Results for Volatile and Semivolatile Organics
META Environmental, Inc.

Field ID: Duplicate of TP-10 (13.5')

Client:	Parsons	Preparation Method:	EPA 3570
Project:	Con Edison - Farrington St.	Cleanup Method(s):	NA
		Analysis Method:	EPA 8270M
Lab ID	PA090421-01DUP-R		
File ID:	E042408.D	Matrix:	Soil
		Preservation:	None
Date Sampled:	4/15/2009	Decanted:	None
Date Received:	4/21/2009		
Date Prepared:	4/22/2009	Sample Size (g):	3.50
Date Cleanup:	NA	Percent Solid:	80.0%
Date Analyzed:	4/24/2009	Extract Volume (µl):	2000
Instrument:	EI Camino	Prep DF:	1
Operator:	ERL	Analysis DF:	1
		Injection Volume (µl):	1.00
Batch QC:	QC090422-SB		

Analyte	Concentration (mg/kg dry wt.)	RL	EDL	Comments
2,6,10-trimethyldodecane	21.4 D	0.004	0.002	27.8
2,6,10-trimethyltridecane	19.8 D	0.004	0.002	27.8
Norpristane	18.5 D	0.004	0.002	29.9
Tetraethyl lead	U	0.007	0.004	NA
Total PAH (16)	744	0.004	0.002	25
Total PAH (42)	1,460	0.004	0.002	25.1

Extraction Surrogate Recoveries (%)

		Limits
Toluene-d8	113	50 - 120
Phenanthrene-d10	106	50 - 120
Benzo[a]pyrene-d12	110	50 - 120
Perylene-d12	132	50 - 120

NA - Not applicable.

B - Analyte detected in the Blank.

J - Estimated value; detected between the RL and DL.

U - Analyte not detected above DL.

D - Analyte reported from a diluted extract.

E - Estimate, result detected above calibration range.

I - Concentration/Peak ID uncertain due to potential interference.

RL - Reporting limit is the sample equivalent of the lowest linear calibration concentration.

EDL - Estimated detection limit is 50% of RL.

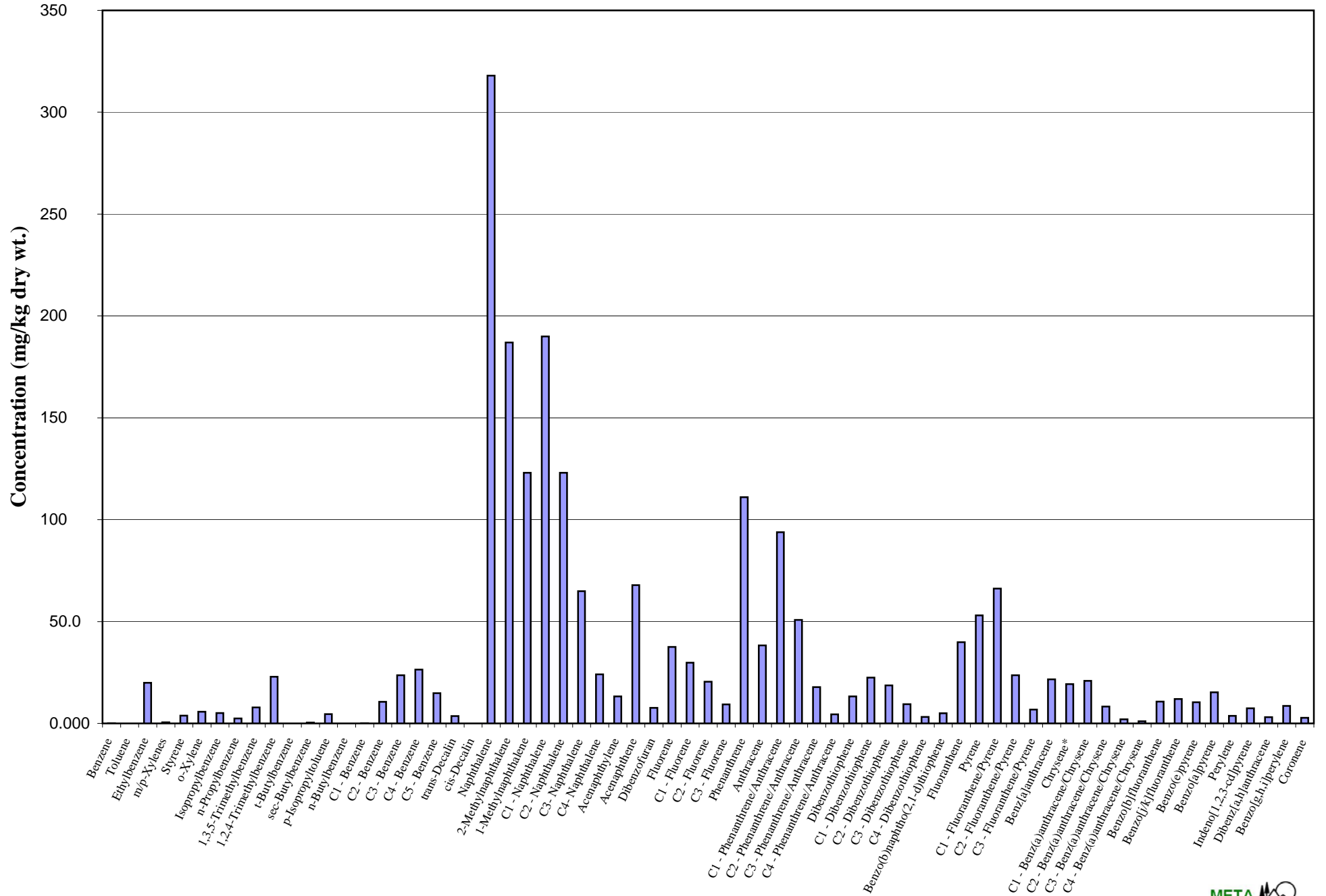
* - Triphenylene is known to coelute with this compound.

Appendix D

Extended PAH Profiles – Bar Graphs

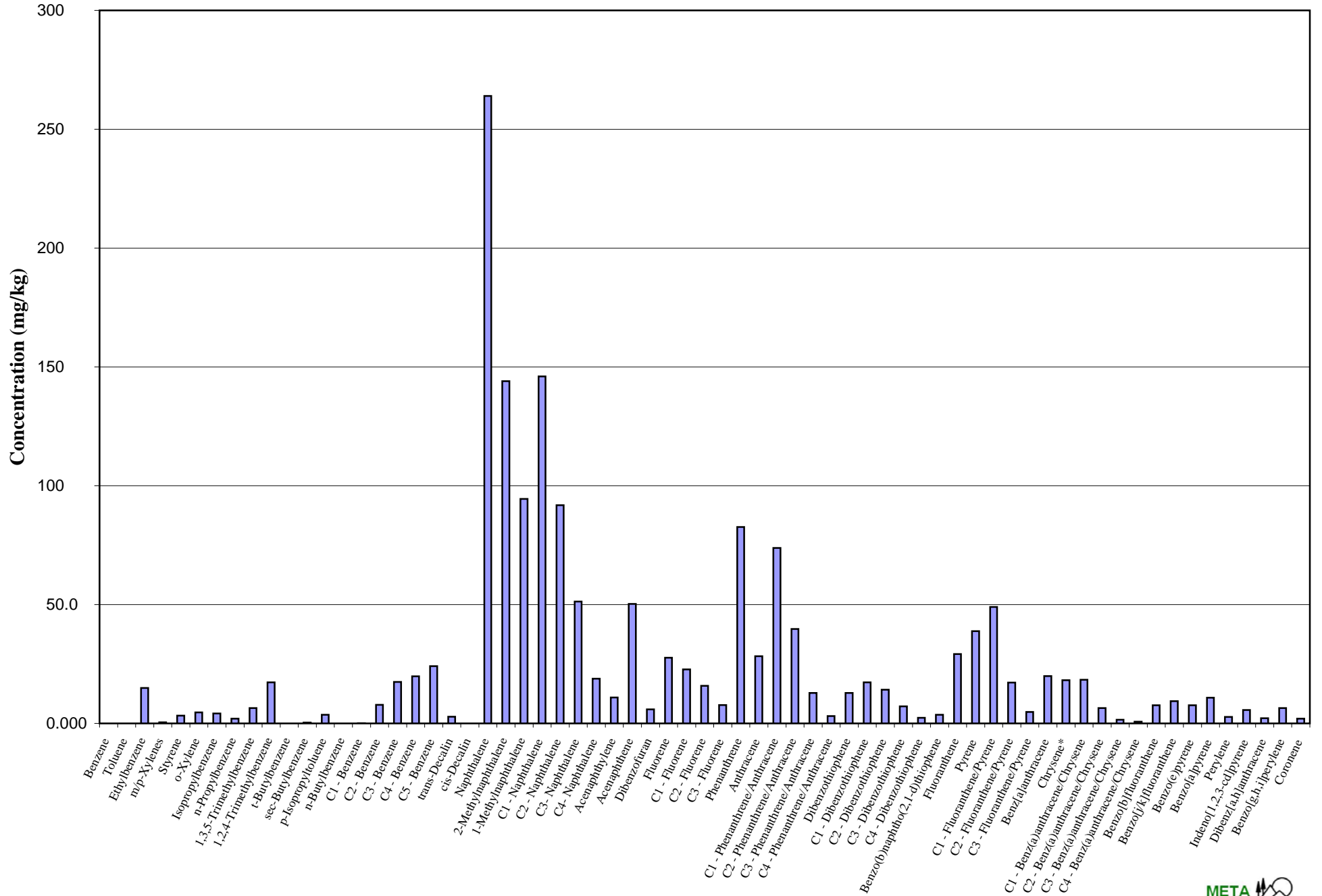
TP-10 (13.5')

PA090421-01-R



Duplicate of TP-10 (13.5')

PA090421-01DUP-R



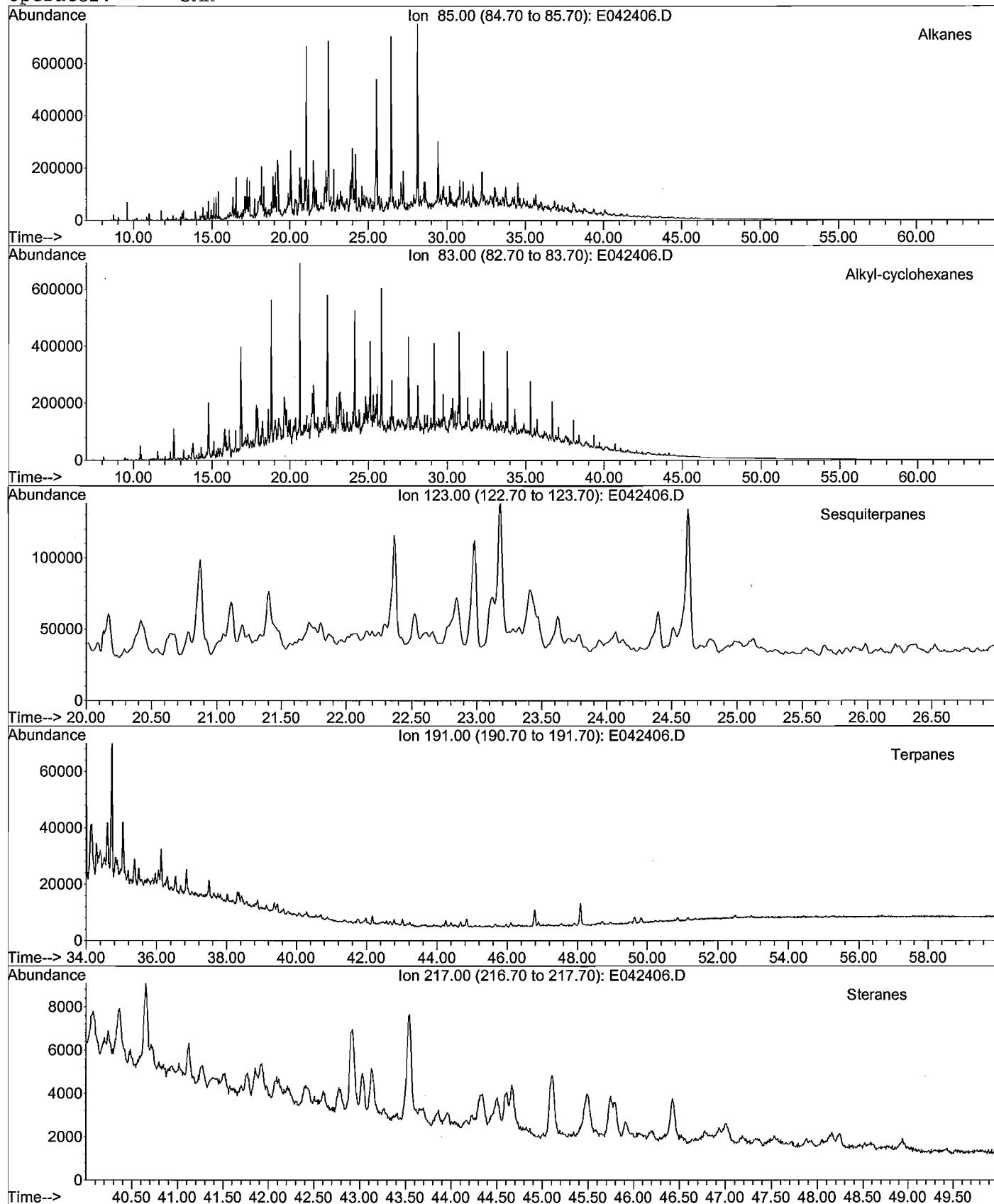
Appendix E

Extracted Ion Current Profiles (EICs)

META Environmental, Inc.

GC/MS EXTRACTED ION CHROMATOGRAM

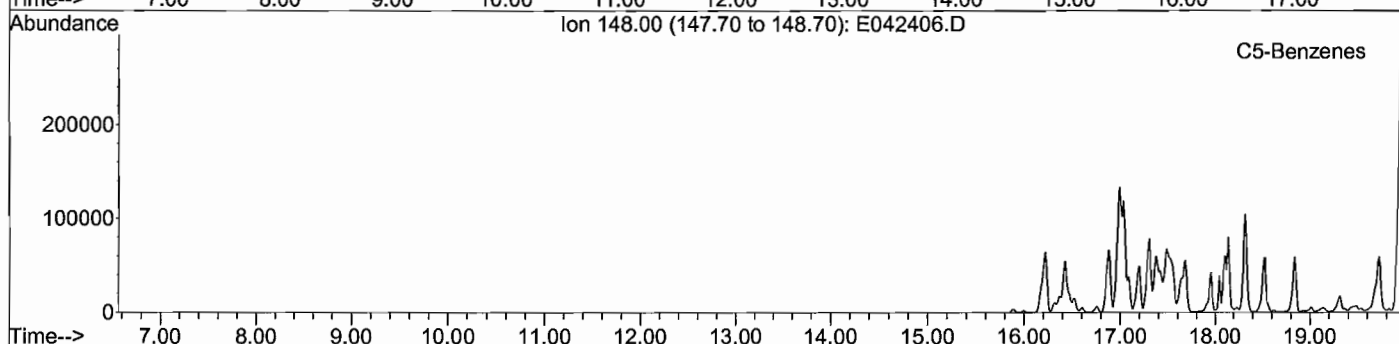
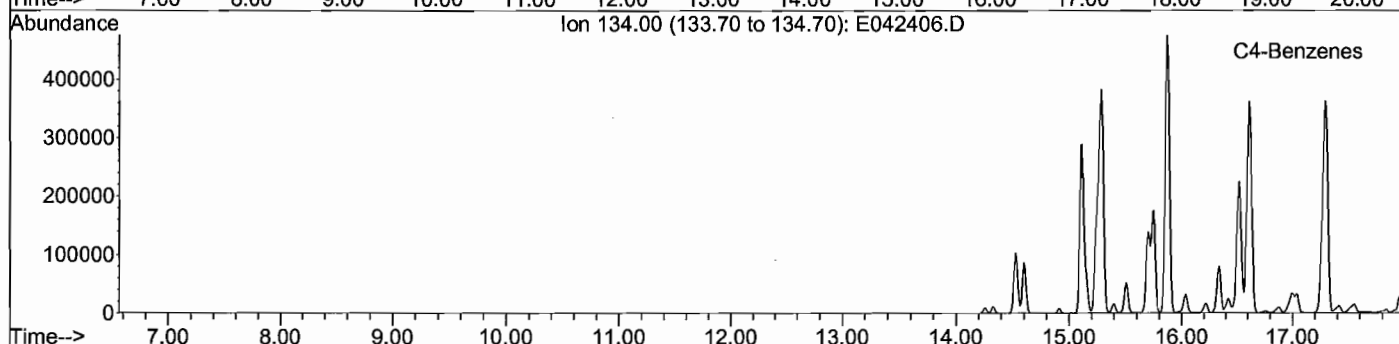
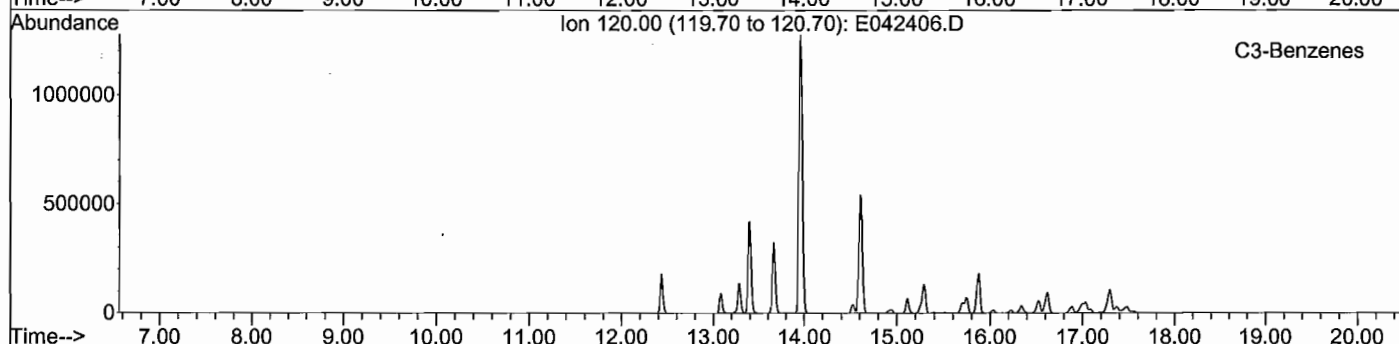
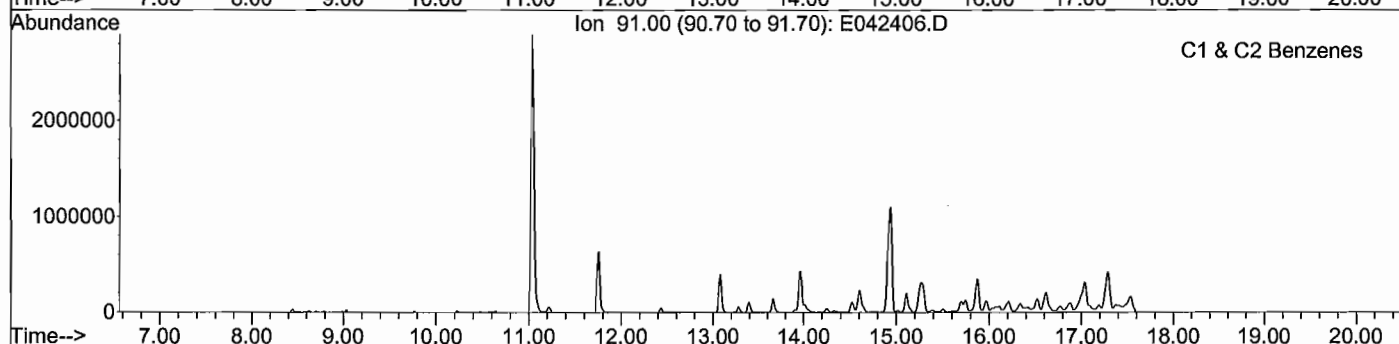
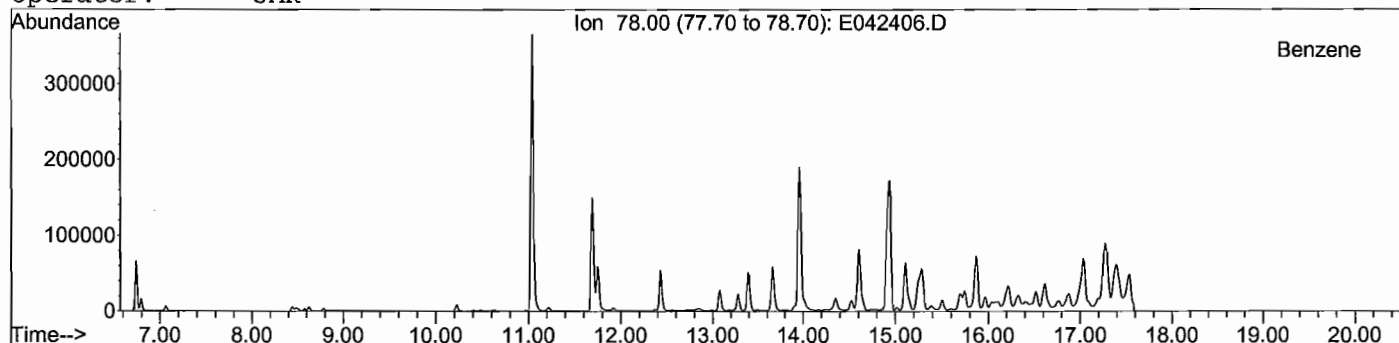
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Method File: 4008SIMD.M
Sample Name: PA090421-01-R
Misc Info: TP-10 (13.5')
Operator: JAR



META Environmental, Inc.

GC/MS EXTRACTED ION CHROMATOGRAM

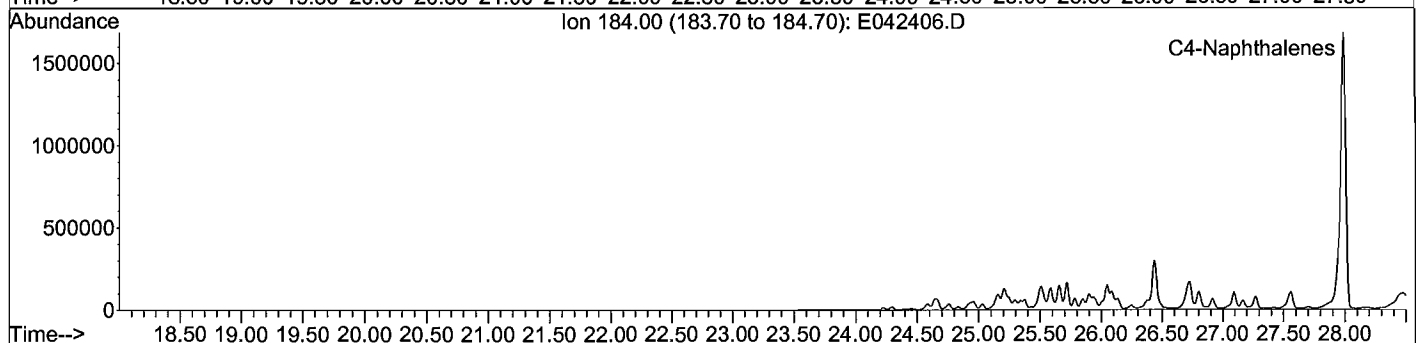
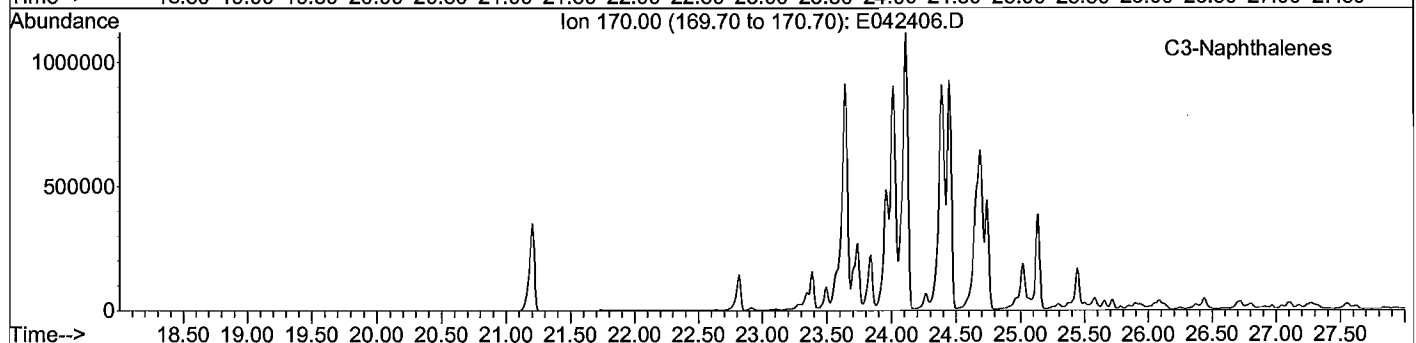
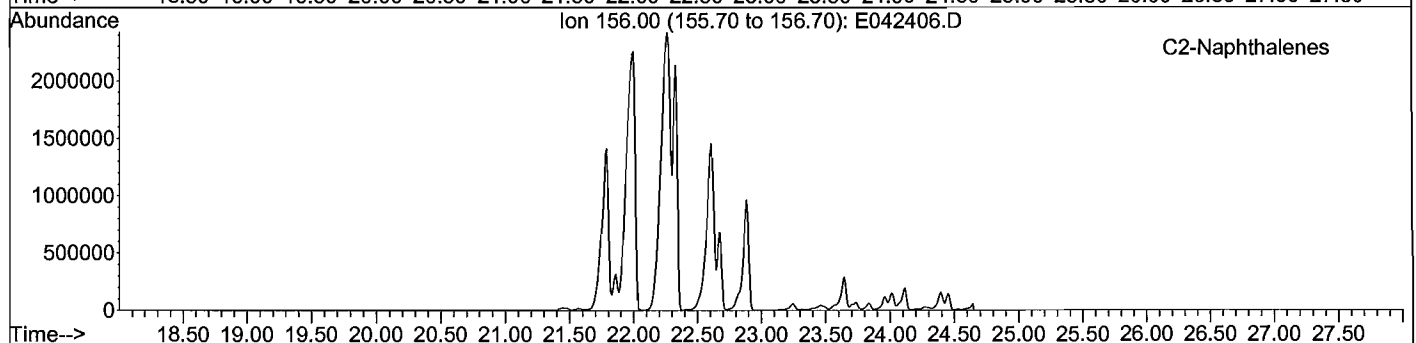
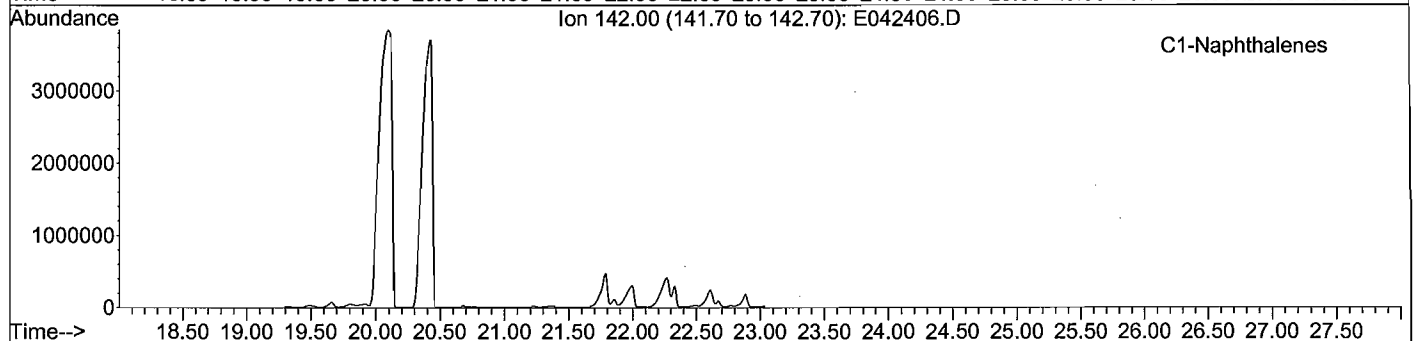
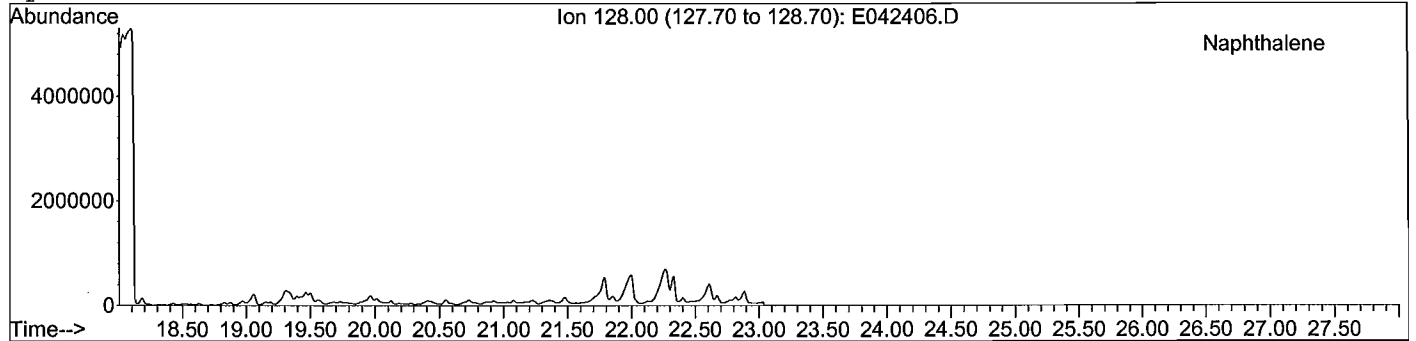
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Method File: 4008SIMD.M
Sample Name: PA090421-01-R
Misc Info: TP-10 (13.5')
Operator: JAR



META Environmental, Inc.

GC/MS EXTRACTED ION CHROMATOGRAM

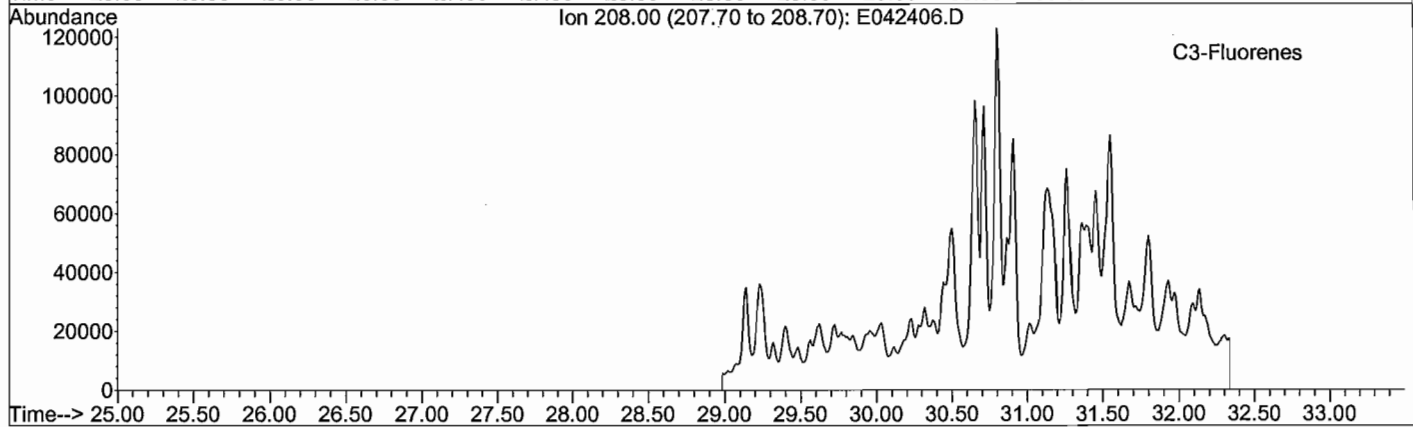
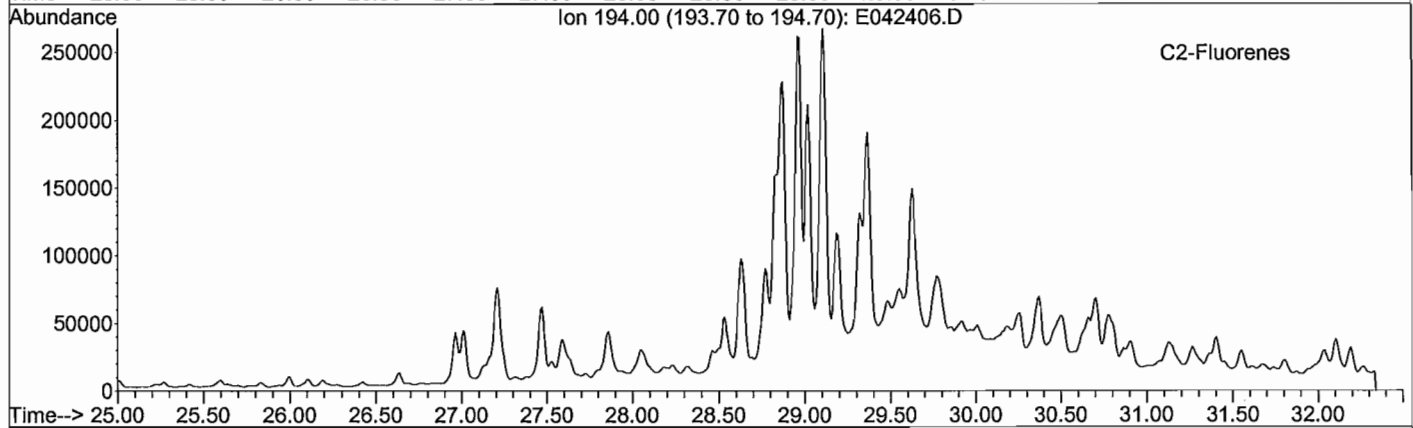
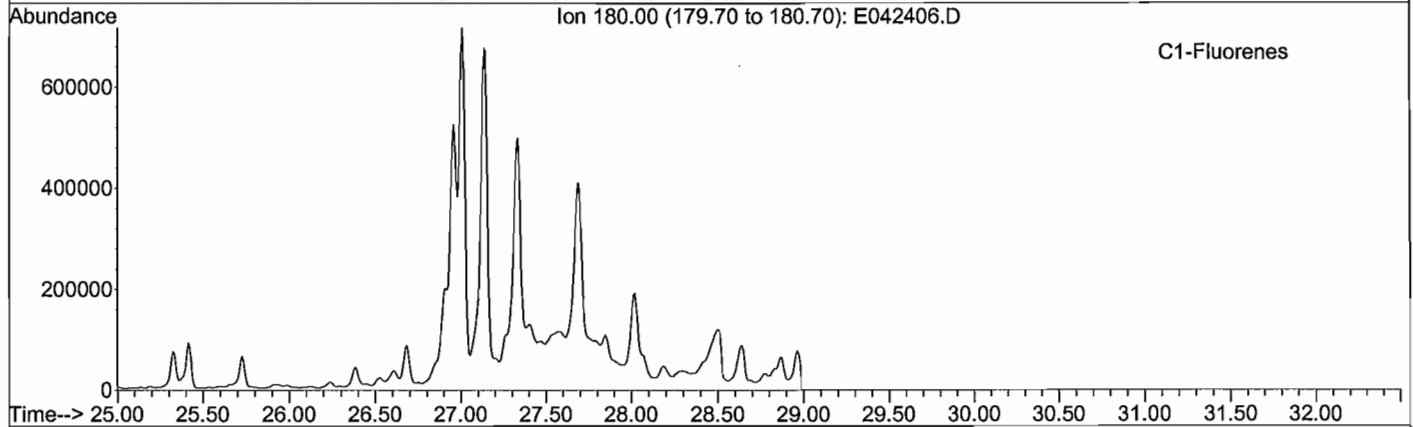
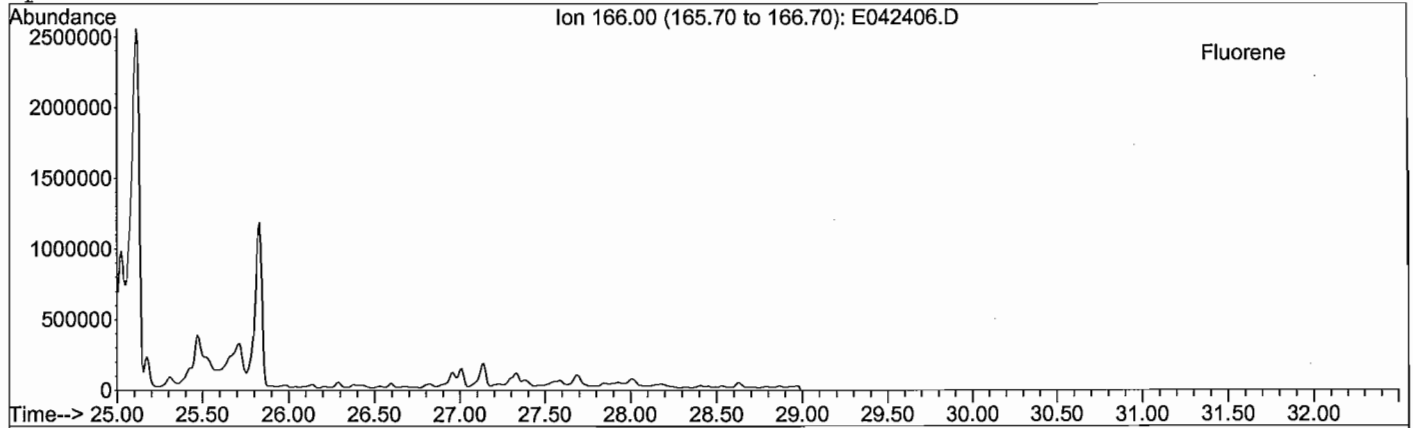
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Method File: 4008SIMD.M
Sample Name: PA090421-01-R
Misc Info: TP-10 (13.5')
Operator: JAR



META Environmental, Inc.

GC/MS EXTRACTED ION CHROMATOGRAM

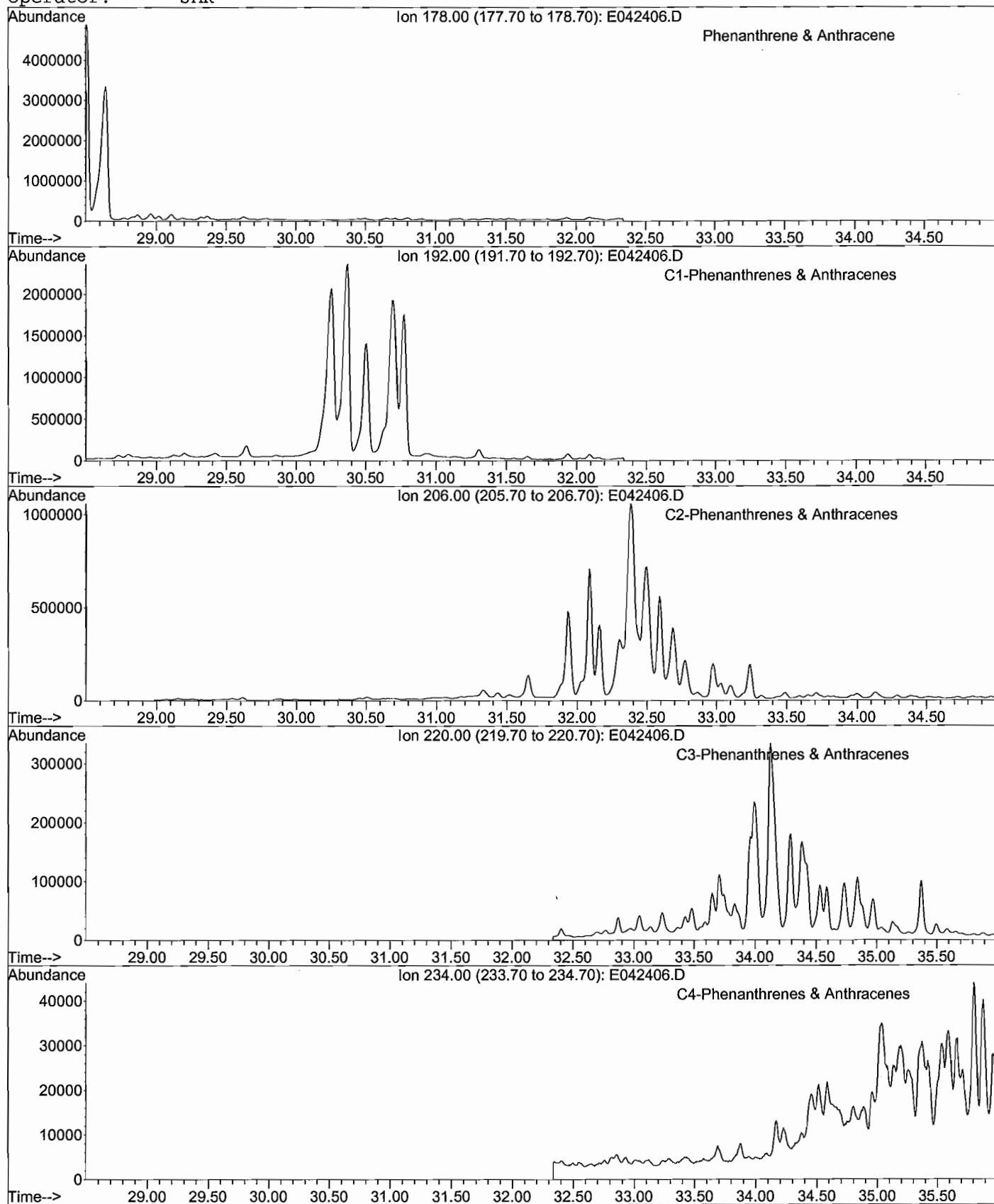
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Method File: 4008SIMD.M
Sample Name: PA090421-01-R
Misc Info: TP-10 (13.5')
Operator: JAR



META Environmental, Inc.

GC/MS EXTRACTED ION CHROMATOGRAM

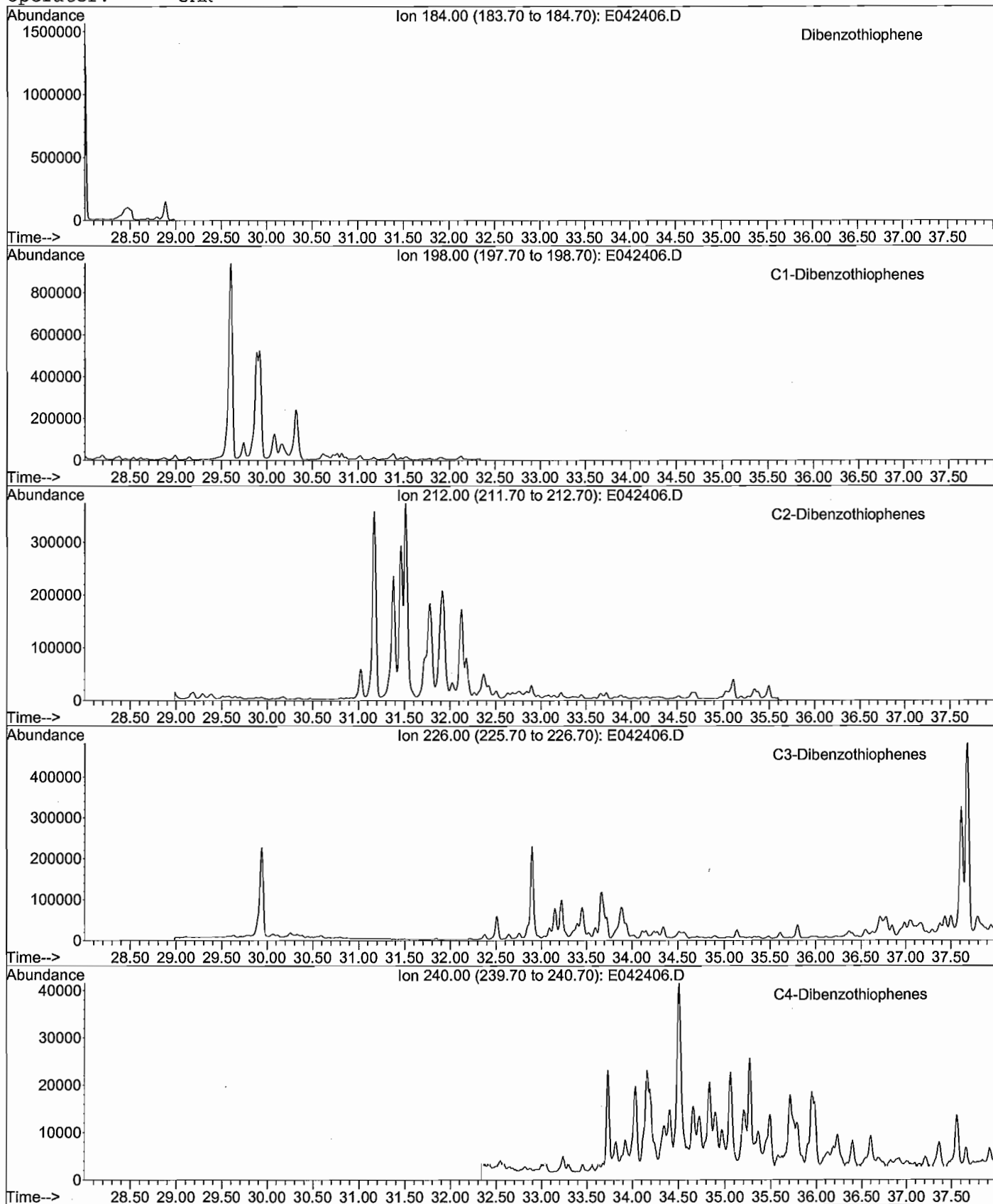
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Method File: 4008SIMD.M
Sample Name: PA090421-01-R
Misc Info: TP-10 (13.5')
Operator: JAR



META Environmental, Inc.

GC/MS EXTRACTED ION CHROMATOGRAM

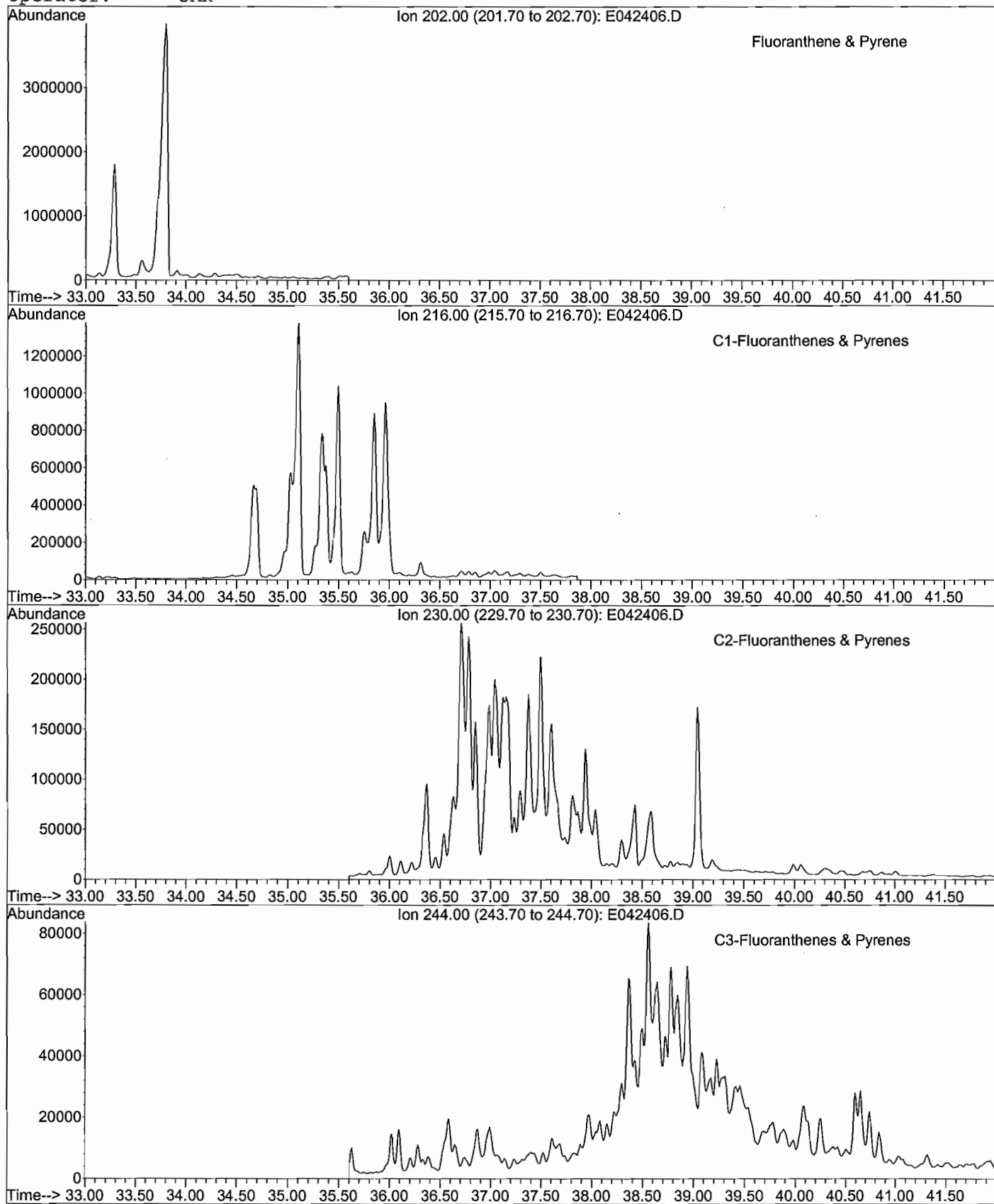
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Date Acquired: 24 Apr 2009 8:41 pm
Method File: 4008SIMD.M
Sample Name: PA090421-01-R
Misc Info: TP-10 (13.5')
Operator: JAR



META Environmental, Inc.

GC/MS EXTRACTED ION CHROMATOGRAM

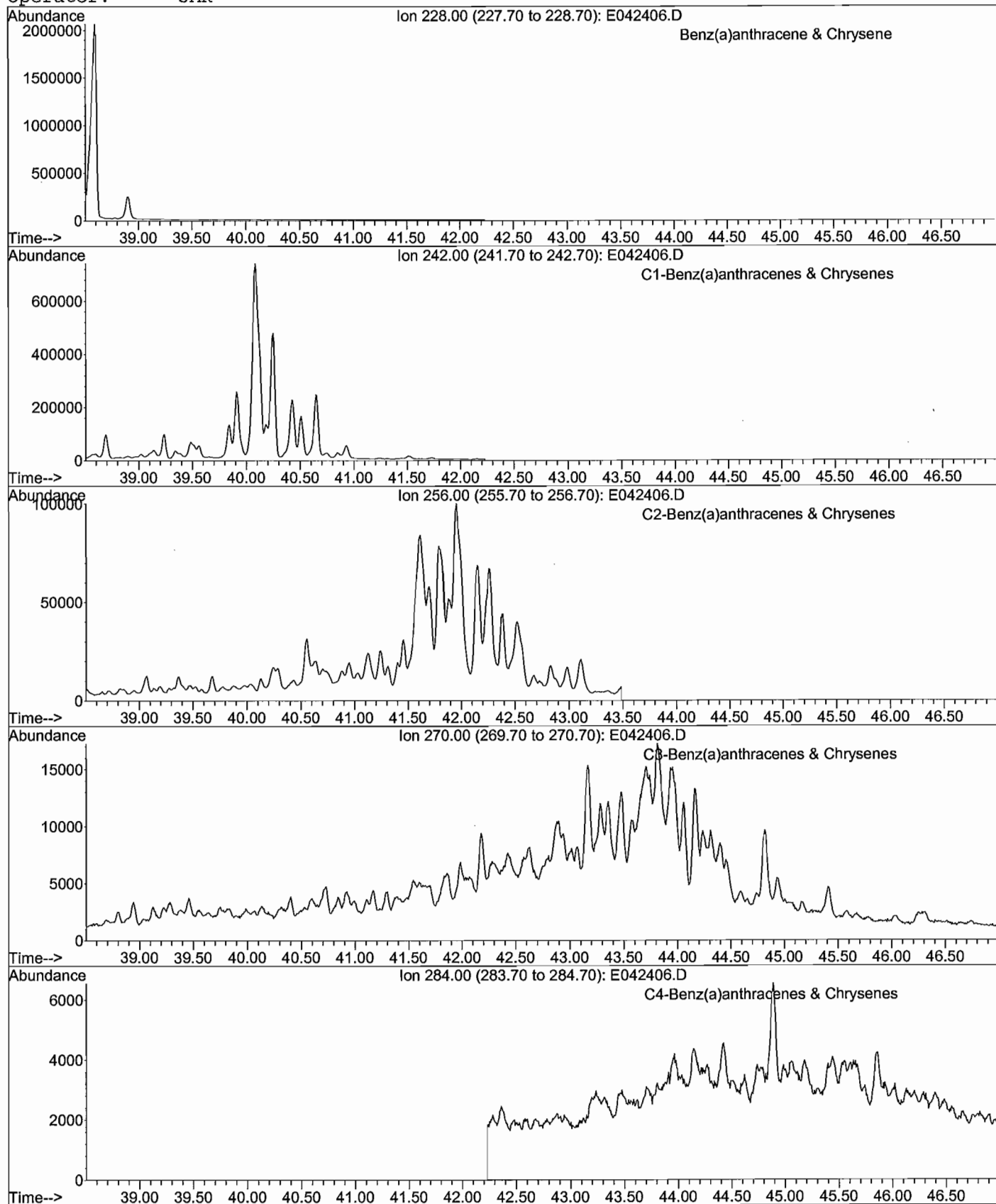
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Date Acquired: 24 Apr 2009 8:41 pm
Method File: 4008SIMD.M
Sample Name: PA090421-01-R
Misc Info: TP-10 (13.5')
Operator: JAR



META Environmental, Inc.

GC/MS EXTRACTED ION CHROMATOGRAM

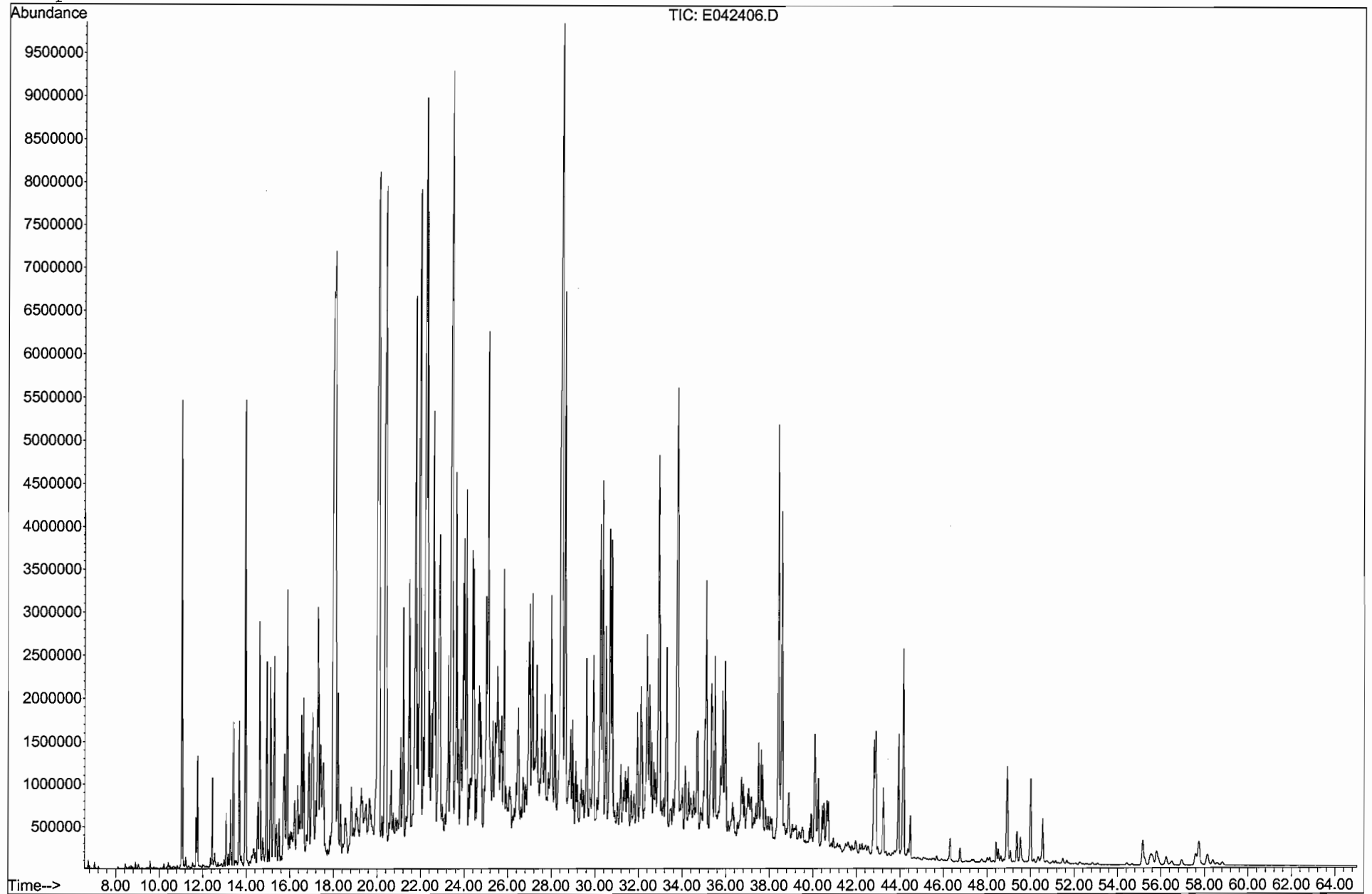
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Method File: 4008SIMD.M
Sample Name: PA090421-01-R
Misc Info: TP-10 (13.5')
Operator: JAR



META Environmental, Inc.

GC/MS TOTAL ION CHROMATOGRAM

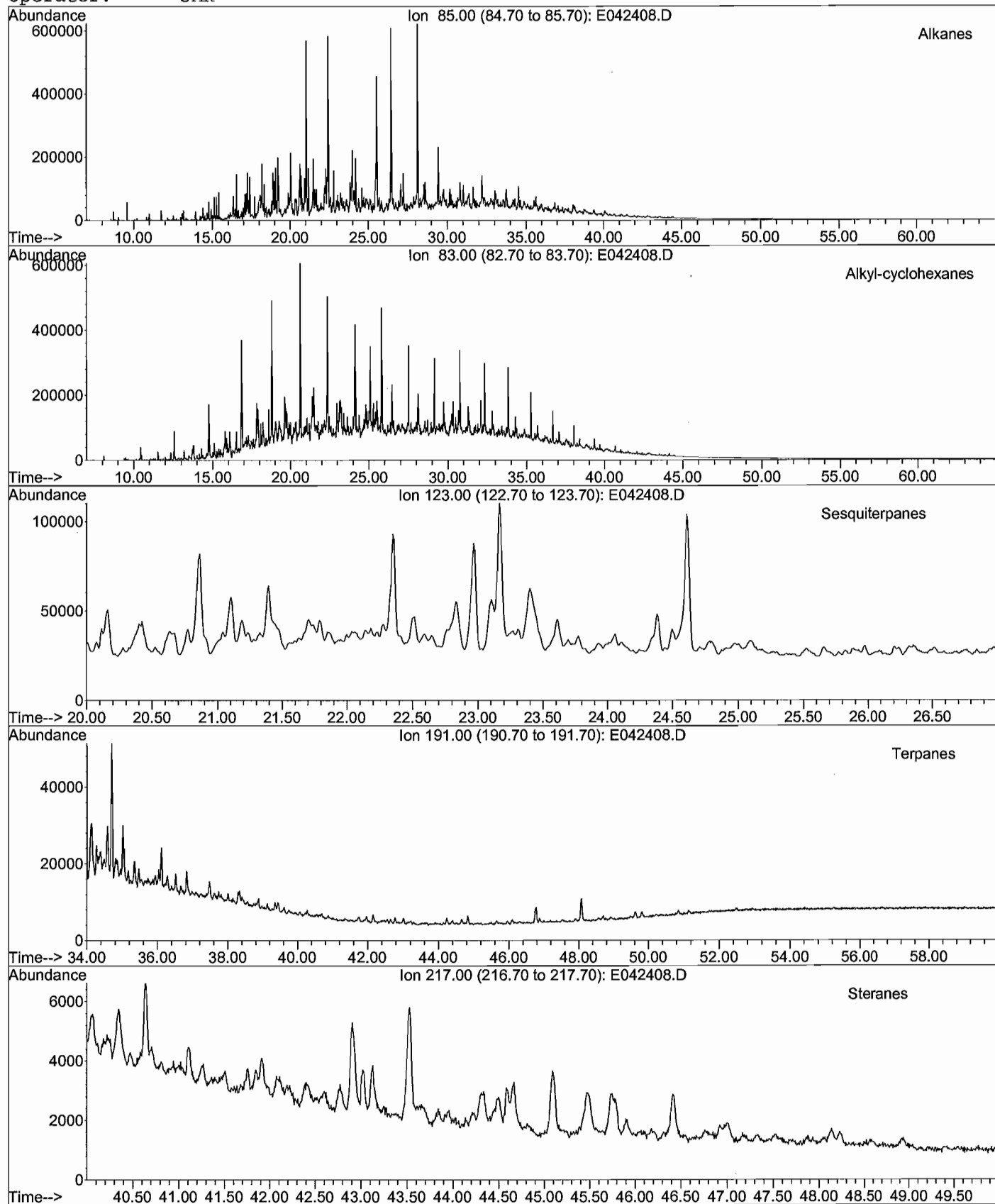
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Date Acquired: 24 Apr 2009 8:41 pm
Method File: 4008SIMD.M
Sample Name: PA090421-01-R
Misc Info: TP-10 (13.5')
Operator: JAR



META Environmental, Inc.

GC/MS EXTRACTED ION CHROMATOGRAM

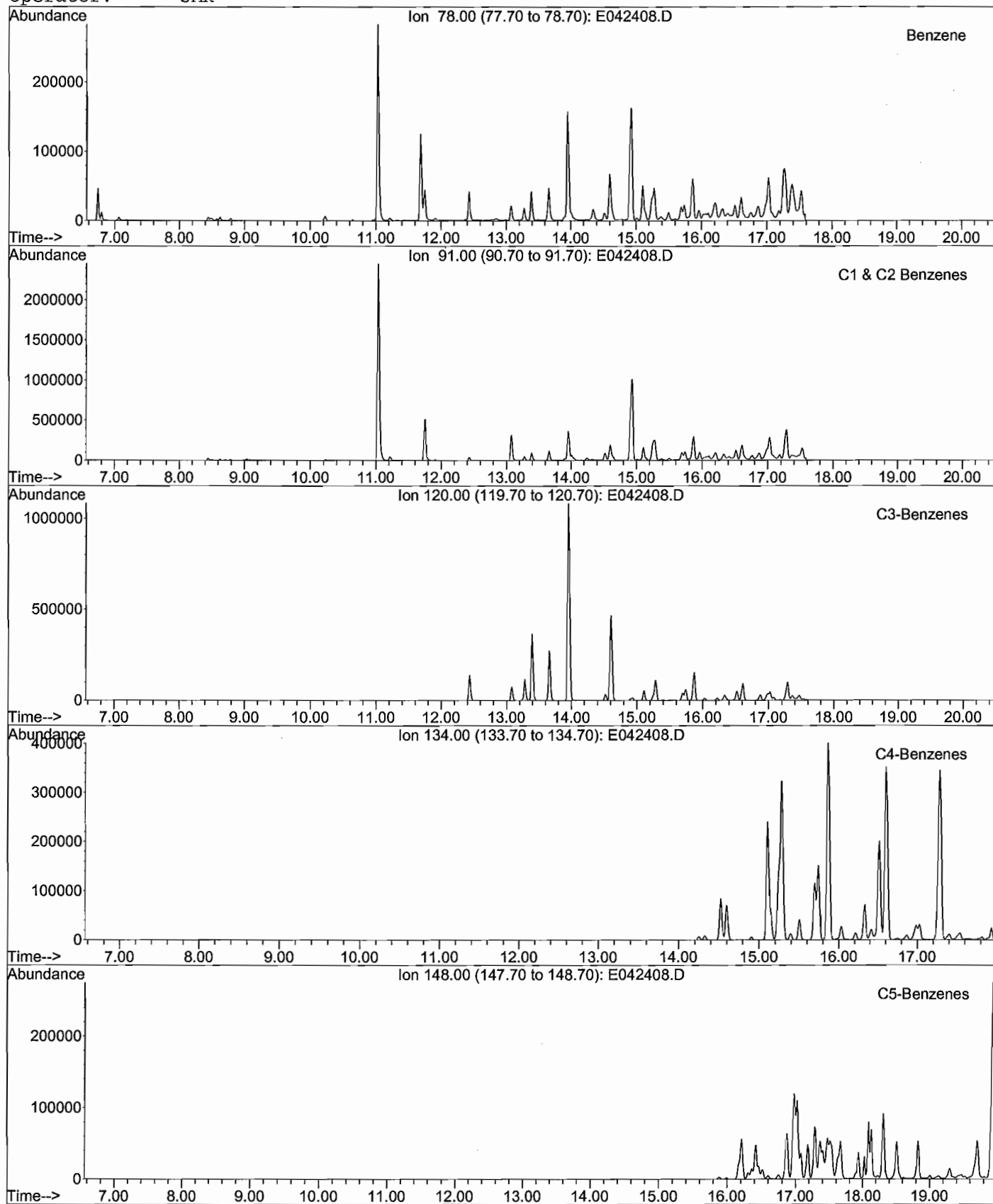
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Date Acquired: 24 Apr 2009 11:20 pm
Method File: 4008SIMD.M
Sample Name: PA090421-01DUP-R
Misc Info: TP-10 (13.5')
Operator: JAR



META Environmental, Inc.

GC/MS EXTRACTED ION CHROMATOGRAM

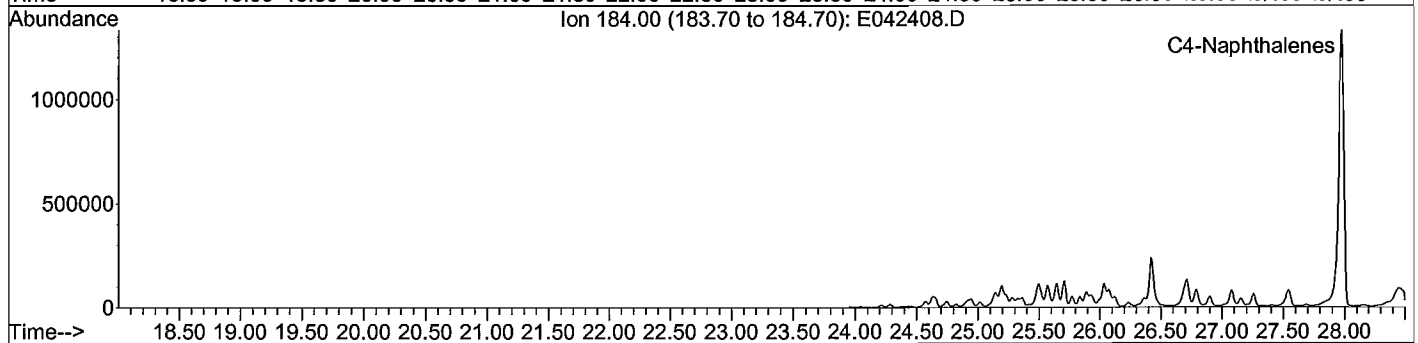
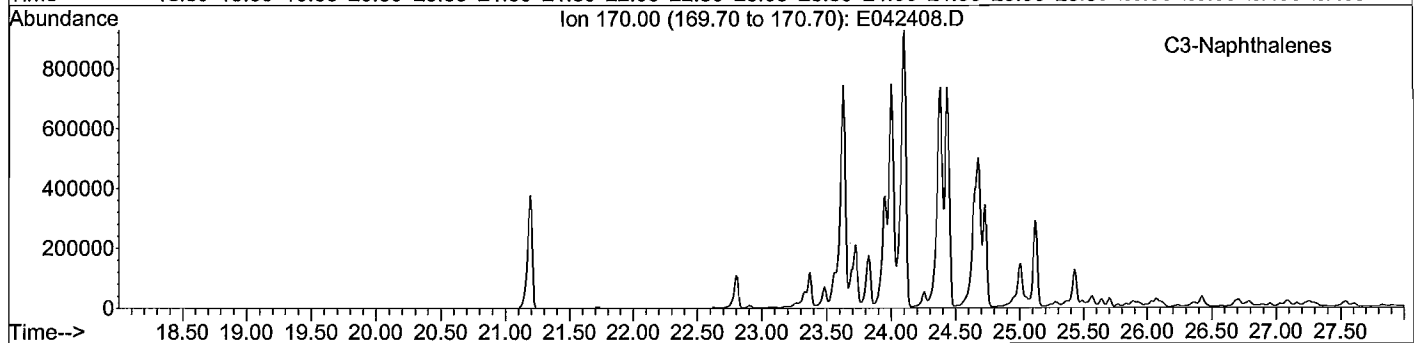
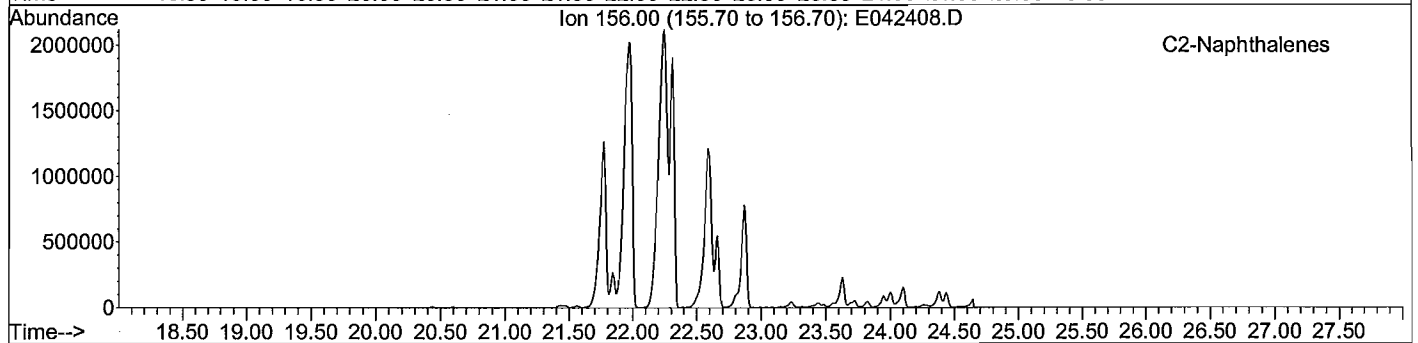
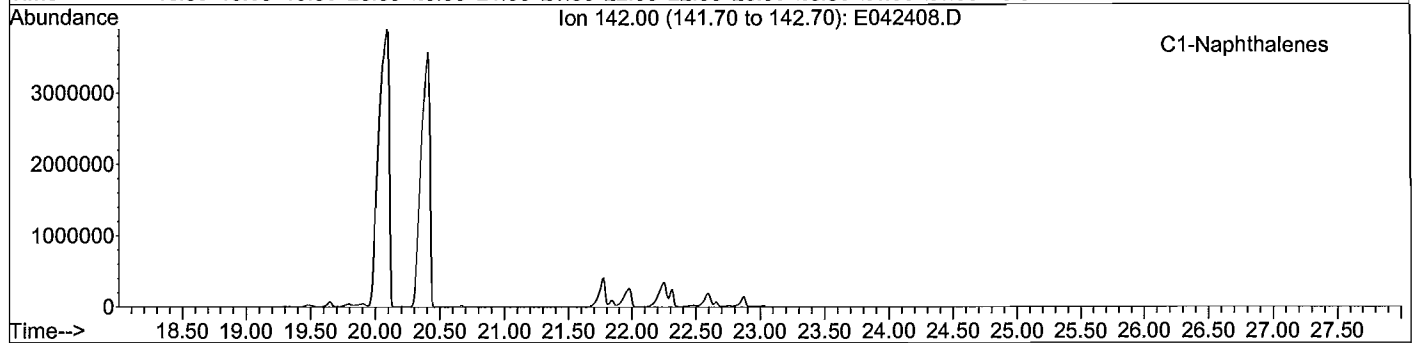
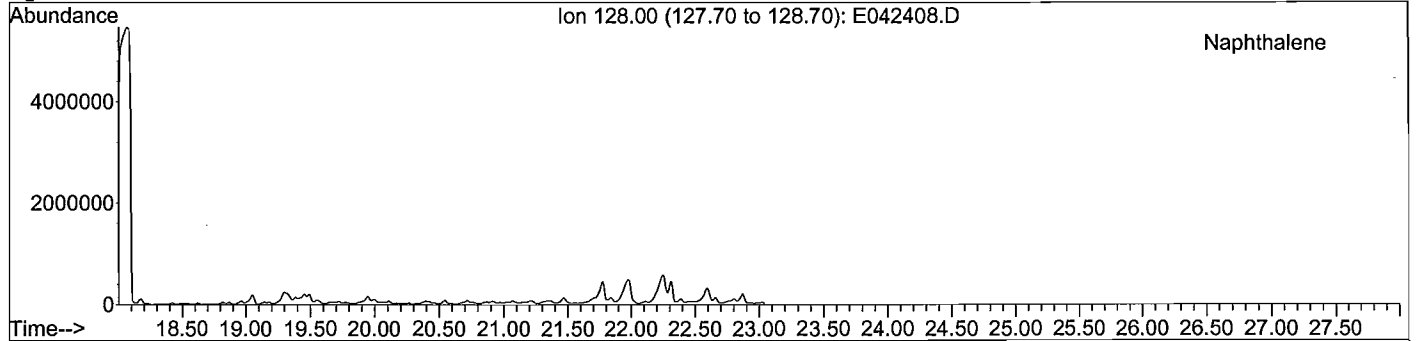
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Date Acquired: 24 Apr 2009 11:20 pm
Method File: 4008SIMD.M
Sample Name: PA090421-01DUP-R
Misc Info: TP-10 (13.5')
Operator: JAR



META Environmental, Inc.

GC/MS EXTRACTED ION CHROMATOGRAM

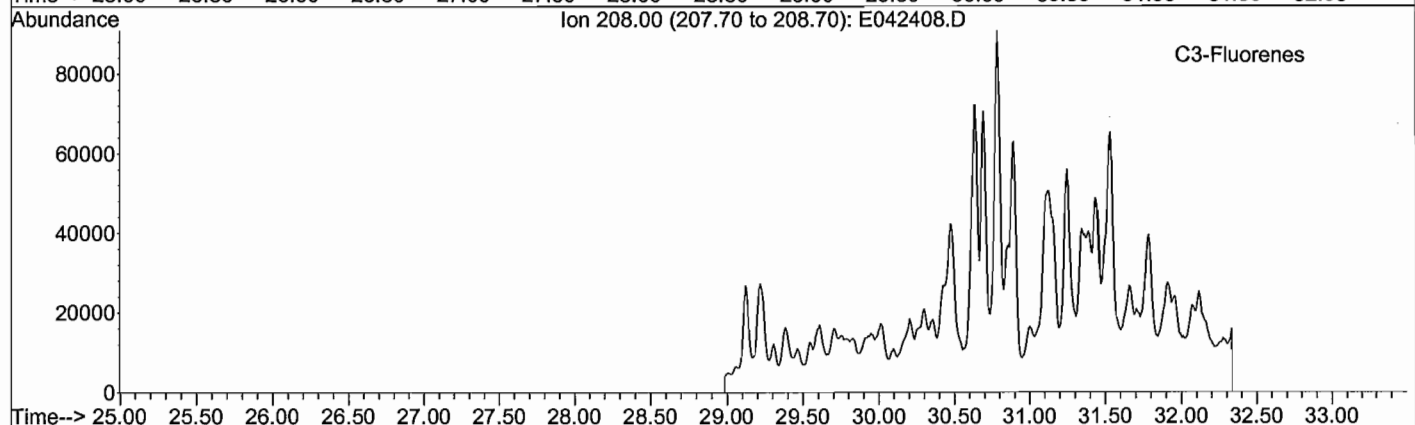
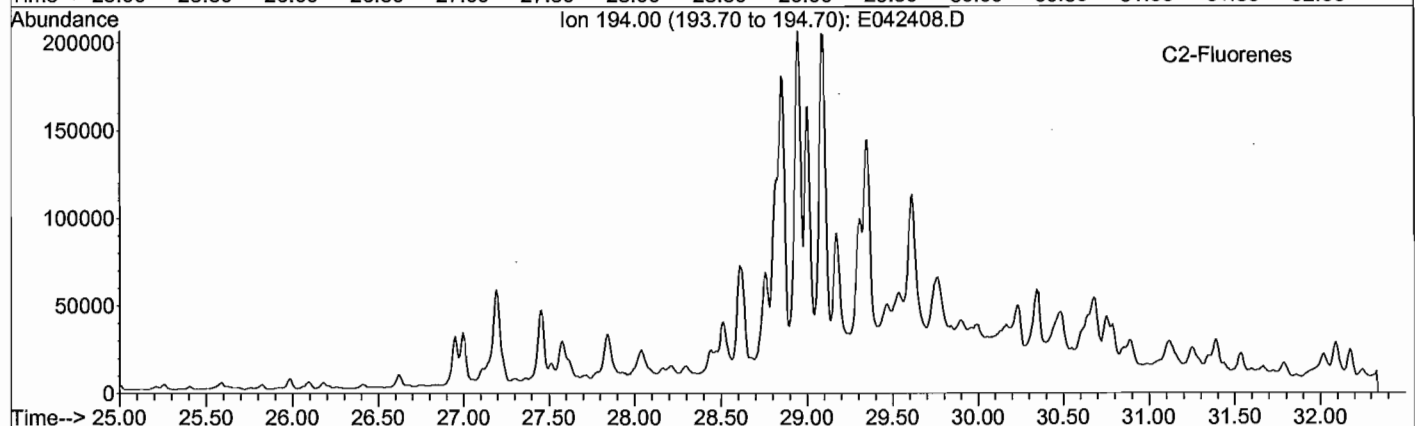
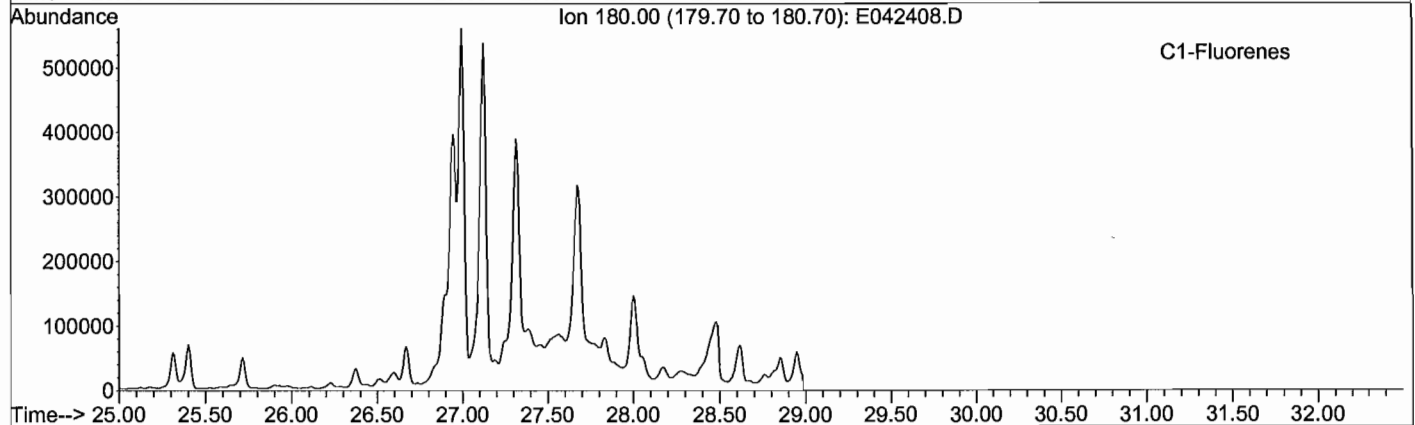
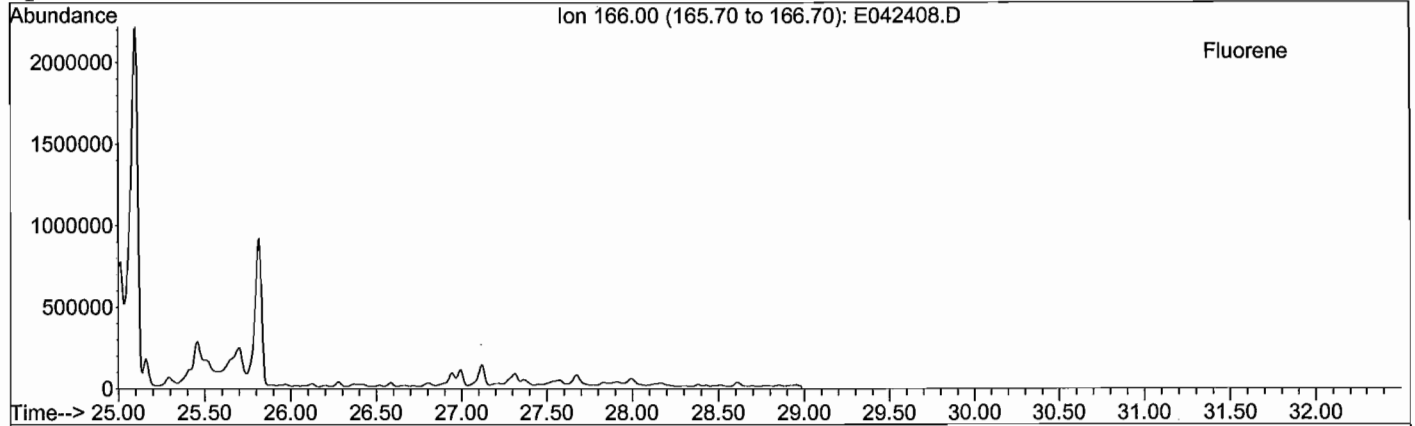
File: J:\1\DATA\E090424\E042408.D
Date Acquired: 24 Apr 2009 11:20 pm
Method File: 4008SIMD.M
Sample Name: PA090421-01DUP-R
Misc Info: TP-10 (13.5')
Operator: JAR



META Environmental, Inc.

GC/MS EXTRACTED ION CHROMATOGRAM

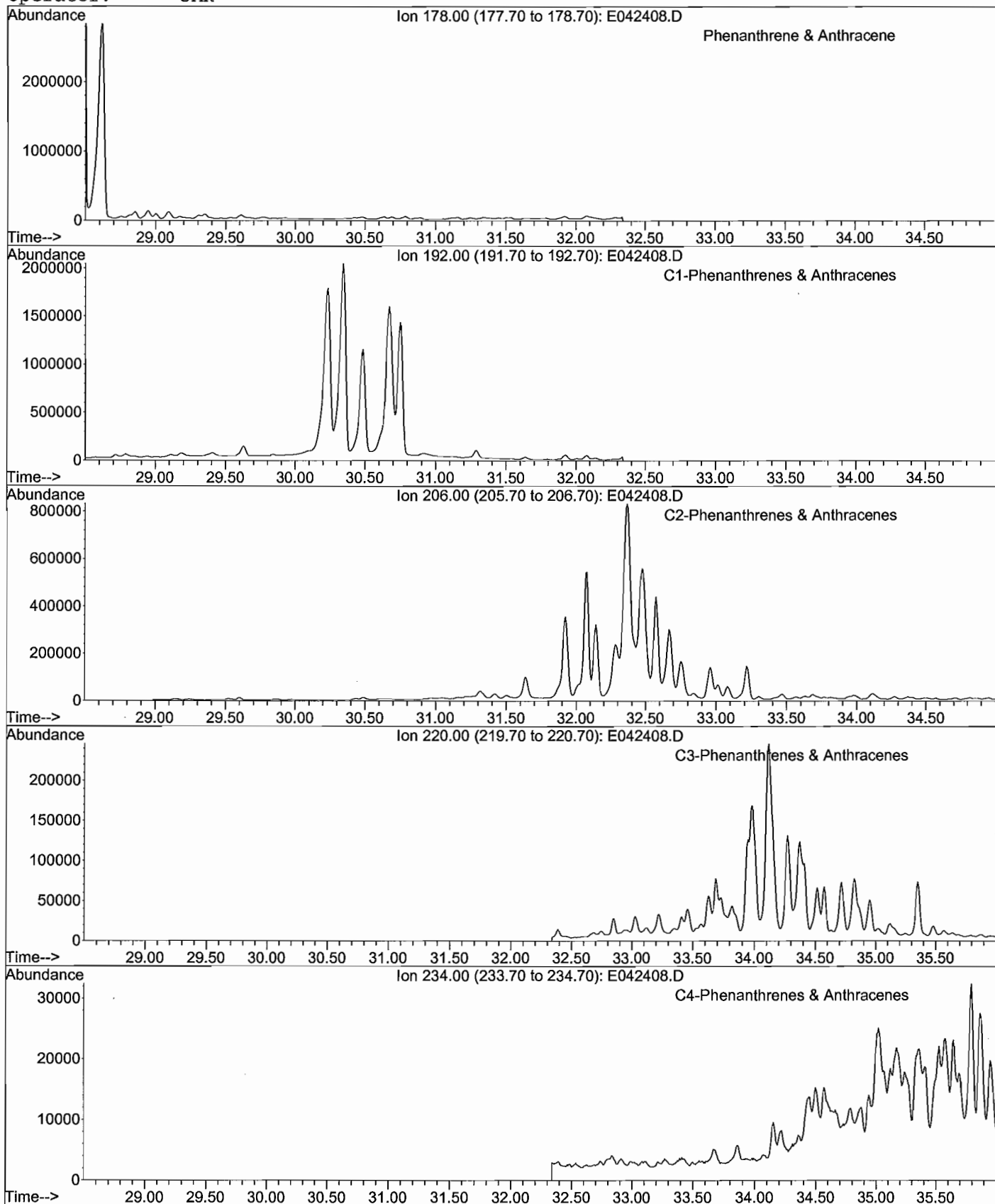
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Date Acquired: 24 Apr 2009 11:20 pm
Method File: 4008SIMD.M
Sample Name: PA090421-01DUP-R
Misc Info: TP-10 (13.5')
Operator: JAR



META Environmental, Inc.

GC/MS EXTRACTED ION CHROMATOGRAM

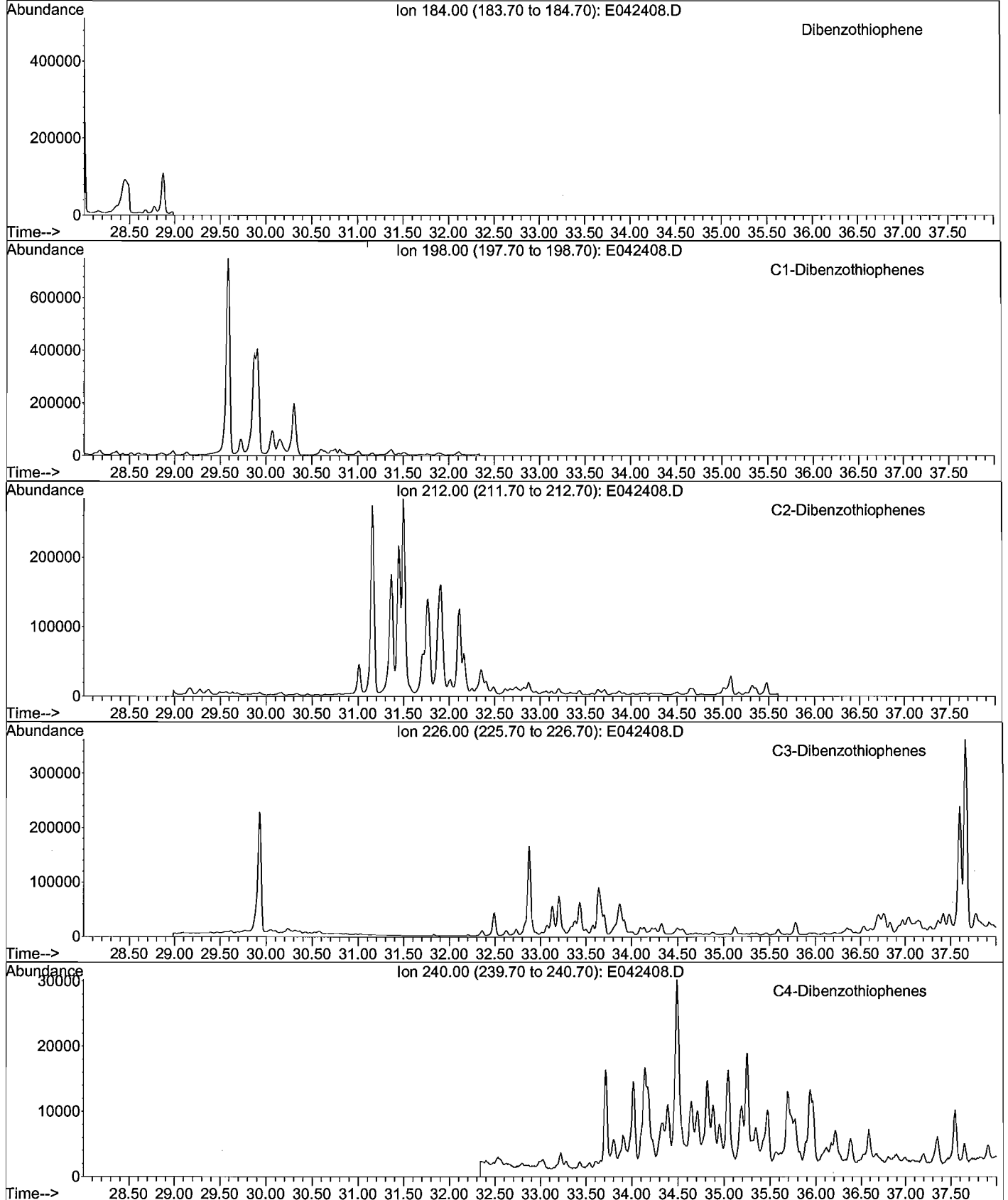
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Date Acquired: 24 Apr 2009 11:20 pm
Method File: 4008SIMD.M
Sample Name: PA090421-01DUP-R
Misc Info: TP-10 (13.5')
Operator: JAR



META Environmental, Inc.

GC/MS EXTRACTED ION CHROMATOGRAM

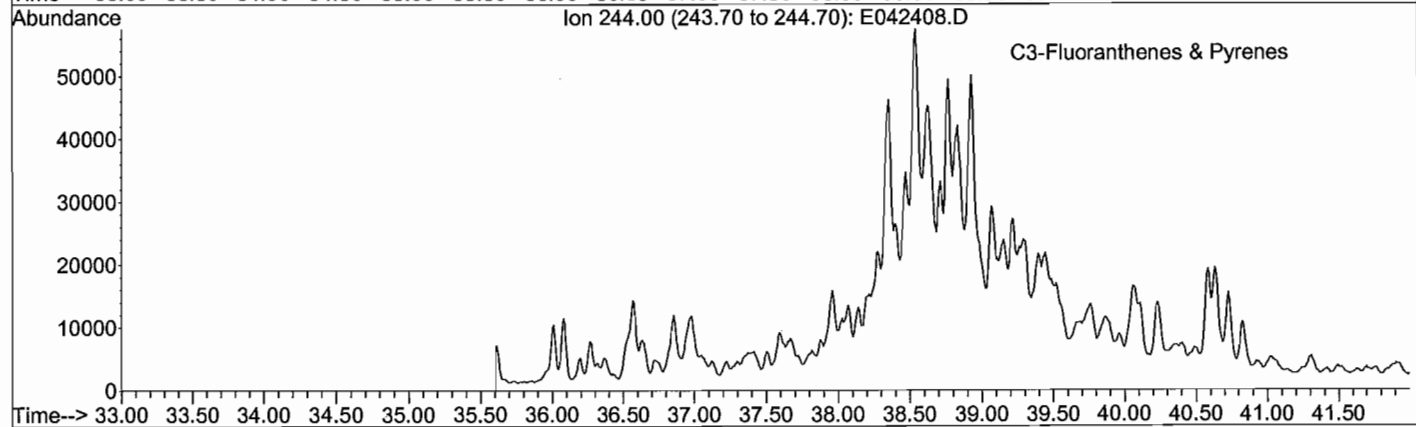
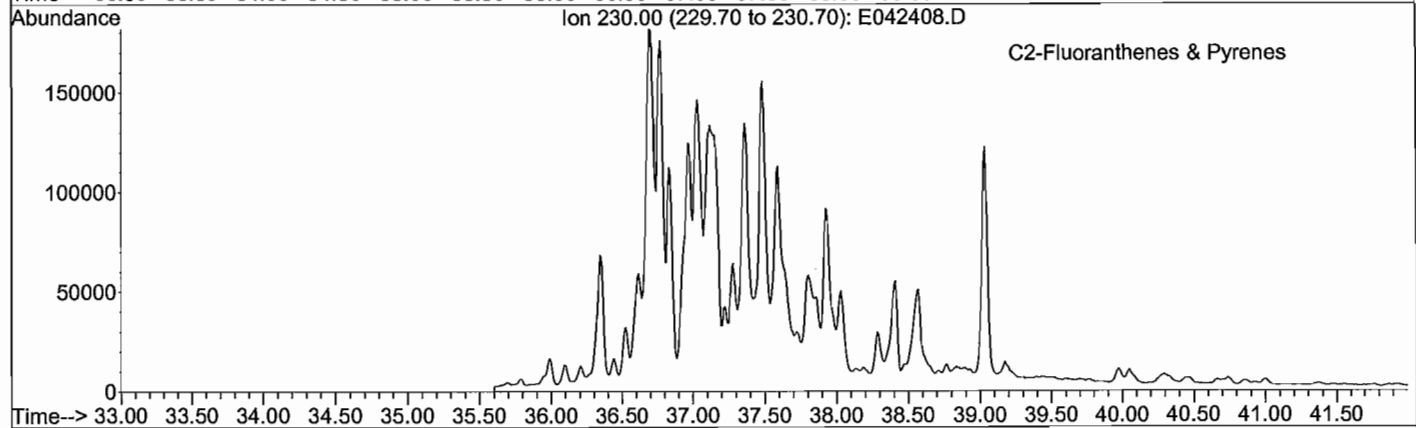
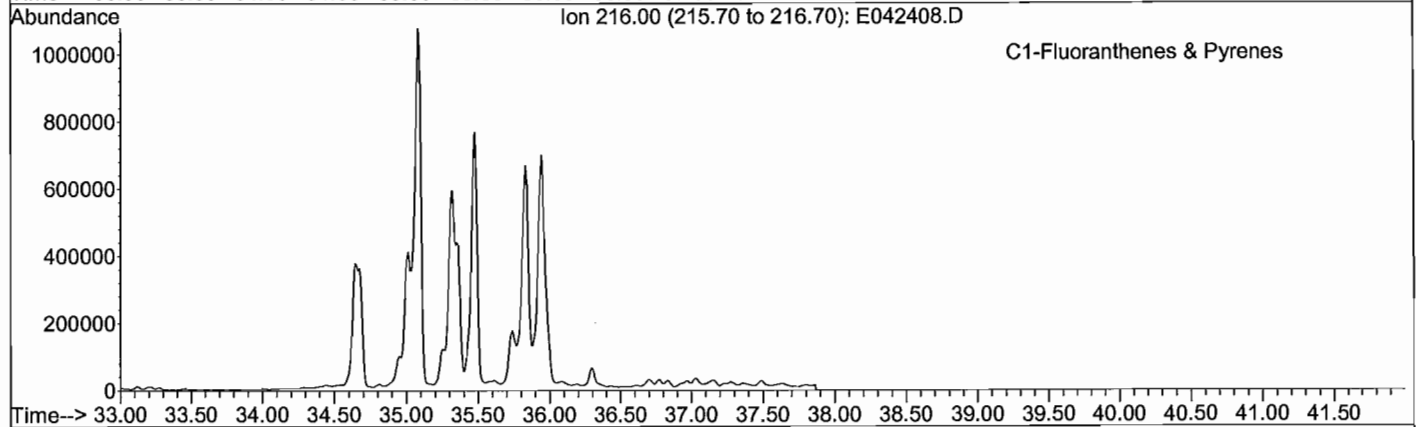
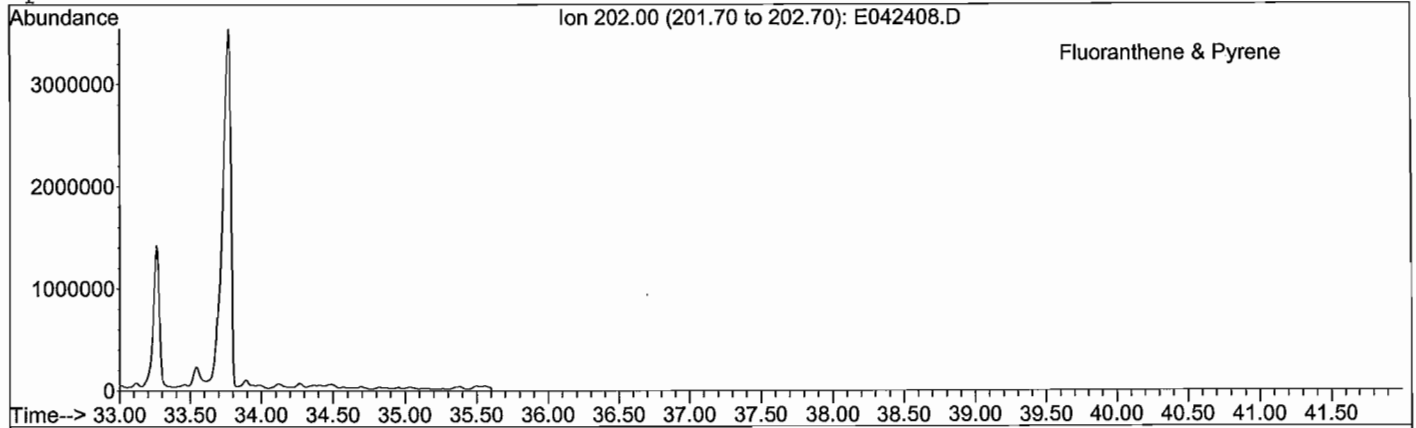
File: J:\1\DATA\E090424\E042408.D
Date Acquired: 24 Apr 2009 11:20 pm
Method File: 4008SIMD.M
Sample Name: PA090421-01DUP-R
Misc Info: TP-10 (13.5')
Operator: JAR



META Environmental, Inc.

GC/MS EXTRACTED ION CHROMATOGRAM

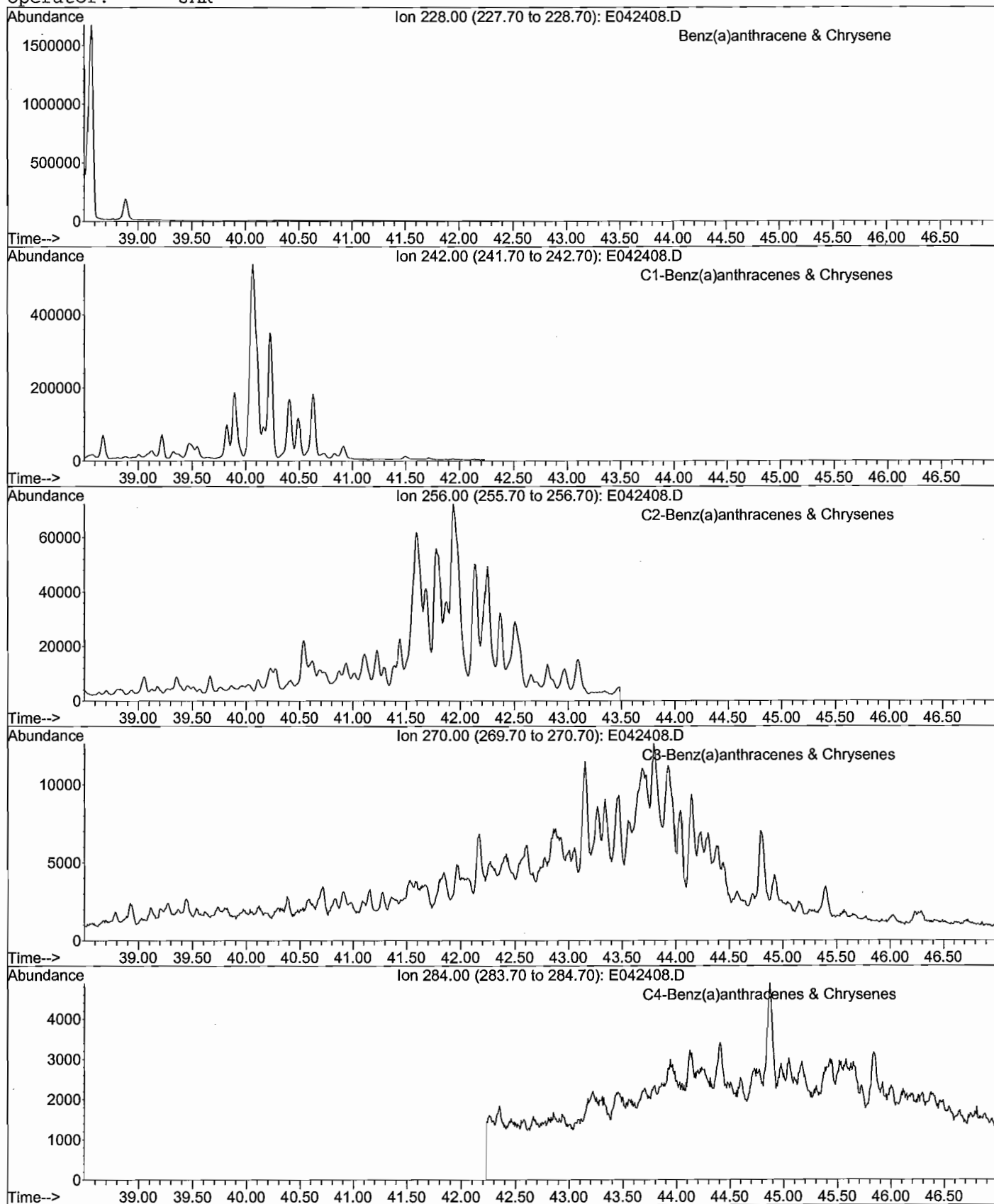
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Date Acquired: 24 Apr 2009 11:20 pm
Method File: 4008SIMD.M
Sample Name: PA090421-01DUP-R
Misc Info: TP-10 (13.5')
Operator: JAR



META Environmental, Inc.

GC/MS EXTRACTED ION CHROMATOGRAM

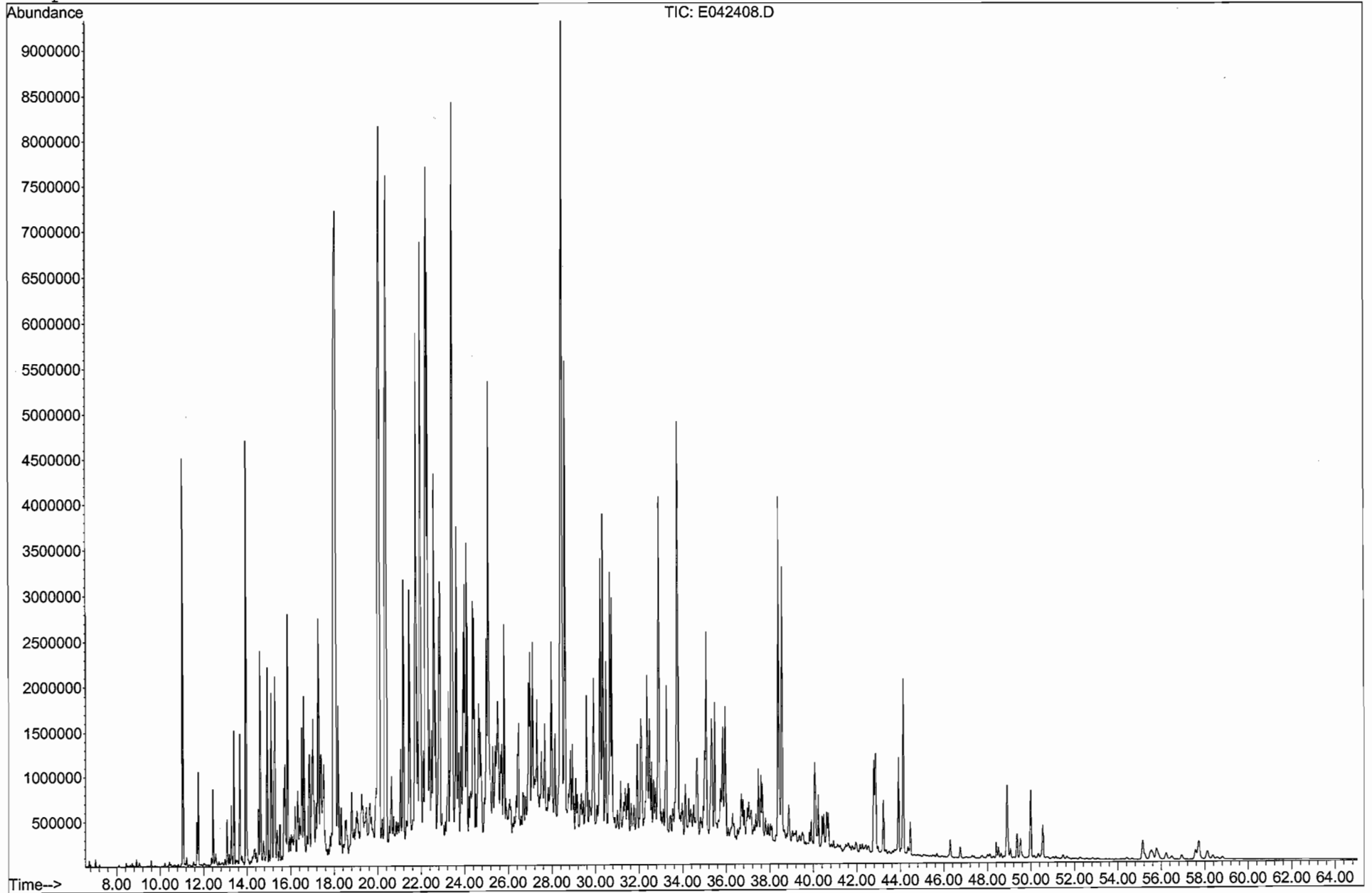
File: J:\1\DATA\E090424\E042408.D
Date Acquired: 24 Apr 2009 11:20 pm
Method File: 4008SIMD.M
Sample Name: PA090421-01DUP-R
Misc Info: TP-10 (13.5')
Operator: JAR



META Environmental, Inc.

GC/MS TOTAL ION CHROMATOGRAM

File: J:\1\DATA\E090424\E042408.D
Date Acquired: 24 Apr 2009 11:20 pm
Method File: 4008SIMD.M
Sample Name: PA090421-01DUP-R
Misc Info: TP-10 (13.5')
Operator: JAR



Environmental Forensic Report

Con Edison – Farrington St.

SDG: PA090514, PA090520



Report To:

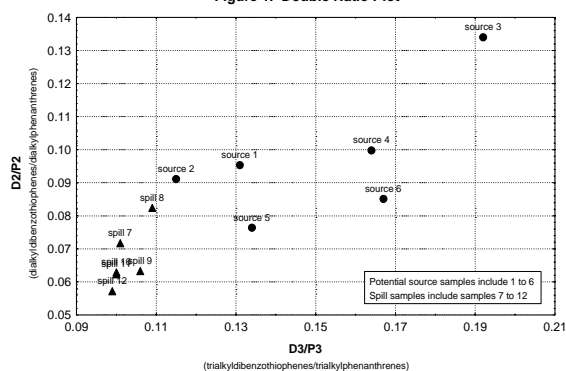
Parsons
290 Elwood Davis Dr.
Suite 312
Liverpool, NY 13088

Report By:

META Environmental, Inc.
49 Clarendon Street
Watertown, MA 02472

June 17, 2009

Figure 1. Double Ratio Plot



Identifying and allocating sources of pollutants in complex environments.

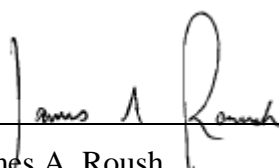
Final Laboratory Report

META Environmental, Inc.
49 Clarendon Street
Watertown, MA 02472
Phone: 617-923-4662
Fax: 617-923-4610
E-Mail meta@metaenv.com

Certification

This certifies that this package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed herein. The results included in this data report relate only to the samples as received and analyzed by the laboratory.


Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager and Quality Assurance Officer, as verified by the following signatures.



James A. Roush
Environmental Scientist, Laboratory Manager

June 17, 2009

Date



David M. Mauro
Senior Scientist, Quality Assurance Officer

June 17, 2009

Date

Sample Delivery Group Narrative

Project: Con Edison – Farrington St.

Client Parsons
290 Elwood Davis Dr., Suite 312
Liverpool, NY 13088

Report Contact: Shane Blauvelt

Dates of Receipt: May 14th and 20th of 2009

Sample Summary: The samples received for this project are summarized in the attached sample login forms. (Appendix A)

META Project Number: P06011

SDG No.: PA090514, PA090520

Total Pages in Report: 89

Chain of Custody

The samples were received in good condition. The internal temperature of one of the shipping containers was above the recommended 2-6°C range, and one was below. The temperatures were as follows:

Samples received:	05/14/2009	0.0°C	Ice present
	05/20/2009	10.5°C	Ice Present

Internal chain of custody procedures were followed after sample receipt. Samples were stored in a locked refrigerator. A sample custody logbook contains the record of sample removal from the secure sample storage area to the sample preparation laboratory. The custody record for the sample extracts is present on the sample extraction logbook page. The disposal of samples and extracts will be authorized one month after the release of this data report. Sample disposal will be documented.

Methods

The soil samples were prepared by solvent extraction (EPA 3570) using dichloromethane (DCM). The extracts were spiked with internal standard and analyzed by GC/FID (EPA 8100M) for fingerprinting and by GC/MS/SIM (EPA 8270M) for mono- and polycyclic aromatic hydrocarbons (MAHs and PAHs), alkyl PAH homologues and other selected compounds.

Results

Sample results are presented in several appendices which follow this narrative.

Appendix B: GC/FID Fingerprints

Appendix C: MAH/PAH Concentrations

Appendix D: Extended MAH/PAH Profiles - Histograms

Appendix E: Extracted Ion Current Profiles (EICPs)

Quality Control

Analyte Flags

The detection limits were determined as the sample equivalent of the lowest linear initial calibration standard. Analytes measured between 50% and 100% of the lowest standard were reported as "estimated" and flagged with the letter "J." Undetected analytes were reported as null and flagged with the letter, "U." Analytes marked with a "B" were detected in the associated blank and should be reviewed for a possible positive bias. No deviations were thought significant enough to compromise the integrity of the reported values.

Holding Times

The soil samples were extracted within holding times. The samples and extracts were stored at $4^{\circ}\text{C} \pm 2^{\circ}\text{C}$ prior to extraction and analysis. The extracts were analyzed within 40 days of sample preparation.

Surrogate Spikes

Extraction surrogates were added to all samples prior to extraction. All surrogate compounds were recovered within the 50%-120% acceptable criterion with the following exceptions; perylene-d12 was over-recovered in sample MW-19 (16-18), this over recovery is due to matrix interference. Toluene-d8 and Benzo[a]pyrene-d12 were under recovered in sample MW-16 (14-16); the cause of these under recoveries is unknown.

Blanks

Various MAHs and PAHs were detected below or just above the reporting limit (RL) in soil blanks QC090518-SB and QC090522-SB. As these compounds were detected in the field samples at much higher relative concentrations (greater than 10x the blank levels) positive bias does not appear to be significant.

Blank Spikes

A blank spike sample was extracted with each soil batch. All spiked compounds were recovered within criteria (70%-120%) with the exception of Benzene (62%) which was under recovered in blank spike QC090518-SBS.

Duplicates

Both field samples were extracted and analyzed in duplicate. Relative percent differences are reported with the sample results in Appendix C.

Internal Standards

Internal standards were recovered within acceptable QC limits (50%-200%) relative to the continuing calibration standards.

Interpretation

Introduction

Two soil samples were received by META from the Con Edison – Farrington St. site. The samples were analyzed for hydrocarbon fingerprinting and an expanded list of MAHs and PAHs.

This report summarizes the findings and compares the samples.

Description of Chemical Fingerprinting Methodology

A detailed description of the chemical fingerprinting methods used for this project can be found in a previous Con Edison – Farrington St. report dated April 29th, 2009.

Sample-Specific Observations

MW-16 (14-16)

Sample *MW-16 (14-16)* contained pyrogenic material (see definitions). The pyrogenic material was indicated by a wide range distribution of unsubstituted mono- and polycyclic aromatic hydrocarbons (MAHs & PAHs), with the 2 and 3 ring PAHs most abundant. The higher concentration of naphthalene relative to the higher molecular weight PAHs suggests that this material has not experienced substantial environmentally induced degradation, also known as weathering.

The ratio of fluoranthene to pyrene (0.726 - Table 1) as well as the double ratio plots of dibenzofuran/fluorene (D/F) to F/P (Figure 1) and benzofluorenes/methylpyrenes (BF/MP) to F/P (Figure 2) shows that this sample is very similar to tars in META's reference library that were formed from manufactured gas plants (MGPs) utilizing carbureted water gas (CWG) processes.

Sample *MW-16 (14-16)* also contained petrogenic material at concentrations substantially lower than the pyrogenic materials. The petrogenic substance was indicated by a bimodal unresolved complex mixture of compounds, presence of isoprenoid and sesquiterpane hydrocarbons, and a regular series of alkylcyclohexanes (see Appendix E). Petroleum-derived products with these features include blended fuels, such as No. 4 and No. 6 fuel oils, as well as mixtures of separate light and heavy fuel oils. There were not enough data to determine whether the petrogenic

material was a component of the greater mass of tar-like material or from a separate source.

MW-19 (16-18)

Sample *MW-19 (16-18)* contained pyrogenic material similar to the material found in sample *MW-16 (14-16)*. The Fl/Py ratio (0.779) indicates this material was also formed from an MGP utilizing the CWG process. The high relative abundance of naphthalene indicates that this material has not experienced substantial weathering.

Sample *MW-19 (16-18)* also contained petrogenic material similar to what was found in *MW-16 (14-16)*.

Discussion

Both samples showed very similar characteristics in both the GC/FID fingerprints (Appendix B) and the diagnostic ratios (Table 1). The PAH histogram distributions (Appendix D) of both samples are also very similar. These samples appear to come from the same source.

The petrogenic materials in the samples were very similar, suggesting a common source.

Finally, the pyrogenic material found in these samples is very similar to the MGP tar identified in sample *TP-10 (13.5)*, also received from the Con Edison – Farrington St. site on April 21, 2009.

Table 1. Selected Source and Weathering Ratios

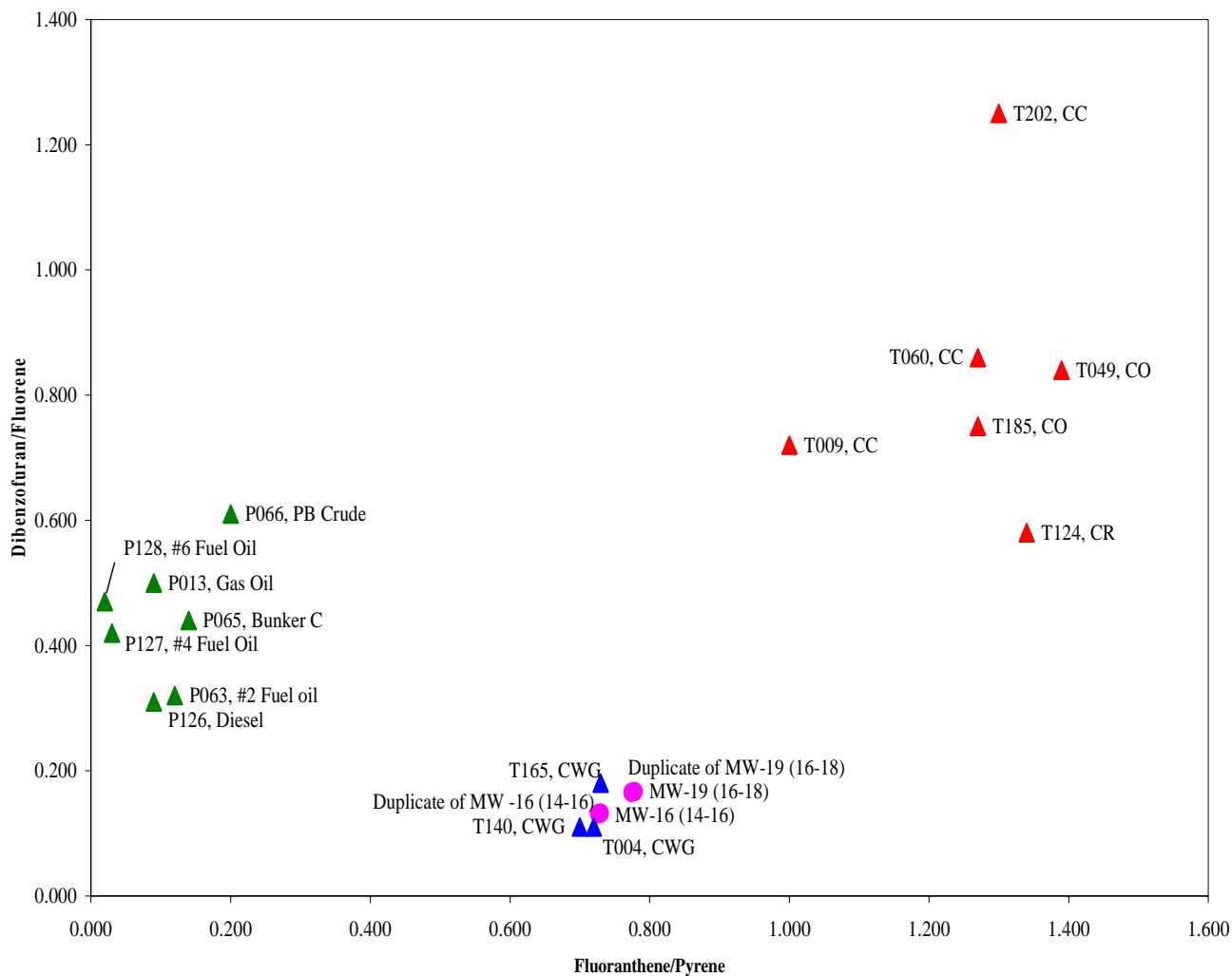
	Fl/Py	D/F	C17/Pris	C18/Phy	Pris/Phy	C3D/C3P A	C2D/C2P A	BF/MP
MW-16 (14-16)	0.726	0.131	NC	NC	1.322	0.547	0.361	0.388
Dup of MW -16 (14-16)	0.730	0.132	NC	NC	1.295	0.548	0.352	0.372
MW-19 (16-18)	0.779	0.167	NC	NC	1.321	0.490	0.301	0.388
Dup of MW-19 (16-18)	0.774	0.165	NC	NC	1.303	0.496	0.307	0.392

Ratios:

Fl/Py	fluoranthene/pyrene
D/F	dibenzofuran/fluorene
C17/Pris	heptadecane/pristane
C18/Phy	octadecane/phytane
Pris/Phy	pristane/phytane
C3D/C3PA	trialkyldibenzothiophenes/trialkylphenanthrenes/anthracenes

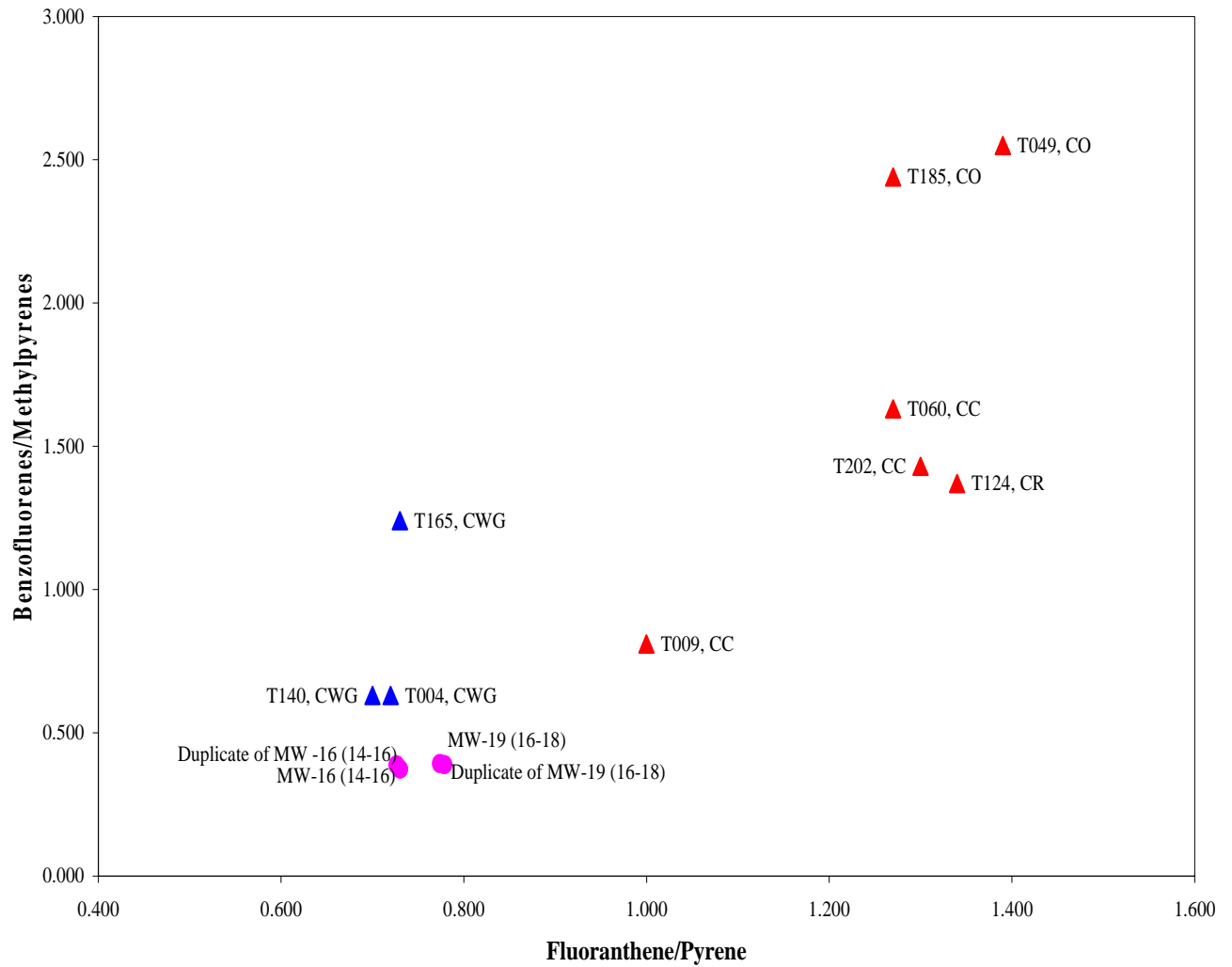
C2D/C2PA dialkyldibenzothiophenes/dialkylphenanthrenes/anthracenes
 BF/MP benzofluorenes/methylpyrenes
 NC Not calculable

Figure 1. Selected Diagnostic Ratios – D/F v. Fl/Py



TXXX Tar Sample from META's in house source library
 CC Coal Carbonization Tar
 CO Coke Oven Tar
 CR Creosote
 CWG Carbureted Water Gas Tar
 ● Field Samples

Figure 2. Selected Diagnostic Ratios – BF/MP v. Fl/Py



- TXXX Tar Sample from META's in house source library
 CC Coal Carbonization Tar
 CO Coke Oven Tar
 CR Creosote
 CWG Carbureted Water Gas Tar
 ● Field Samples

Definitions

Pyrogenic substances are complex mixtures of primarily hydrocarbons produced from organic matter subjected to high temperatures but with insufficient oxygen for complete combustion. Pyrogenic materials are produced by fires, internal combustion engines, and furnaces. They also are formed when coke or gas are produced from coal or oil. Coal-tar based products, such as roofing, pavement sealers, waterproofing, pesticides, and some shampoos contain pyrogenic materials.

Petrogenic substances include crude oil and crude oil derivatives such as gasoline, heating oil, and asphalt.

Pitch is the semi-solid or solid material consisting of high molecular weight hydrocarbons that remain following coal tar distillation.

References

McNicoll, D., Tousignant, L.P., Augustine, P. "Facts and Fallacies: Petroleum Degradation in a Subsurface Environment." Contaminated Soil Sediment and Water, 17-21, June, July 2001

"Chemical Fingerprinting of Hydrocarbons," in: Introduction to Environmental Forensics. B.L. Murphy and R.D. Morrison editors, Academic Press, San Diego, CA 2002.

Mauro, D.M., "Chemical Source Attribution at former MGP Sites," EPRI Report 1000728, December 2000.

Appendix A

Chain of Custody

META

CHEMTECH PROJECT NO.

QUOTE NO.

COC Number 080090

CLIENT INFORMATION

CLIENT PROJECT INFORMATION

CLIENT BILLING INFORMATION

REPORT TO BE SENT TO:

COMPANY: Person's
ADDRESS: 290 Elwood Davis Rd. Suite 312
CITY: Liverpool STATE: NY ZIP: 13088
ATTENTION: Shane Blauvelt
PHONE: 315 451 9560 FAX: 315-451-9570

PROJECT NAME: Farrington St.
PROJECT NO.: 444575-0300 LOCATION: Flushing NY
PROJECT MANAGER: Yulena Skorbogova
e-mail:
PHONE: 718 204 2405 FAX:

BILL TO: PO#: _____
ADDRESS: _____
CITY: STATE: ZIP: _____
ATTENTION: PHONE: _____

DATA TURNAROUND INFORMATION

DATA DELIVERABLE INFORMATION

FAX: _____ DAYS *
HARD COPY: _____ DAYS *
EDD: _____ DAYS *
PREAPPROVED TAT: YES NO
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

RESULTS ONLY USEPA CLP
 RESULTS + QC New York State ASP "B"
 New Jersey REDUCED New York State ASP "A"
 New Jersey CLP Other _____
 EDD FORMAT _____

ANALYSIS
1 2 3 4 5 6 7 8 9
GL/MS/5/5/11/8270 P/100

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS ← Specify Preservatives A-HCl B-HNO ₃ C-H ₂ SO ₄ D-NaOH E-ICE F-Other		
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9			
1.	MW-16(14-16)	Soil	✓		5/2/09	0840	1	X	X										PA0905B-01 14 th
2.																			
3.																			
4.																			
5.																			
6.																			
7.																			
8.																			
9.																			
10.																			

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER: 1. <u>[Signature]</u>	DATE/TIME: <u>5/13/09 1510</u>	RECEIVED BY: 1. <u>Julie O'Neil</u>	Conditions of bottles or coolers at receipt: <input type="checkbox"/> Compliant <input type="checkbox"/> Non Compliant Cooler Temp. <u>0°C</u> MeOH extraction requires an additional 4 oz jar for percent solid. Ice in Cooler?: <u>yes</u> Comments:
RELINQUISHED BY: 2. _____	DATE/TIME: _____	RECEIVED BY: 2. _____	
RELINQUISHED BY: 3. _____	DATE/TIME: _____	RECEIVED FOR LAB BY: 3. _____	

Page 1 of 1

SHIPPED VIA: CLIENT: HAND DELIVERED OVERNIGHT
CHEMTECH: PICKED UP OVERNIGHT
Shipment Complete: YES NO

META Environmental, Inc.
Sample Receipt Log

Lab ID	Field ID	Matrix	Prep Method	Cleanup Method	Analysis Method	Date Sampled	Date Received	Project #	Container	Comments	Client Name	Project Name
PA090514-01	MW-16 (14-16)	Soil	2508		4007/4008	5/12/2009	5/13/2009	P06011-60	1 x 4 oz jar		Parsons	Farrington St

P06011-60
JL
5/15/09

Logged By: JO
Date: 5/14/09

Reviewed By: [Signature]
Date: 5/15/09

META Environmental, Inc.
Sample Receipt Checklist

Receipt date: 5-13-09
Login date: 5-13-09
Login personnel: JD

Client Information:

Company Name: Parsons
Project Manager: Yulena Skorobogater / SHANE BLAUVELT
Project Name: Farnington St.

Shipping Information:

How were samples received? UPS FedEx DHL Other:
Number of coolers: 1
Internal temperature of coolers: 0°C
Was ice present? Yes / No

Note: if cooler is outside the 2-6° range, META's project manager should be notified.

Documentation:

Was a Chain of Custody present? Yes / No
Was it signed? Yes / No
Was all project information present on the COC? Yes / No
Was a bill of lading or shipping label retained? Yes / No

Sample Information:

Number of sample containers: 1
Does this match the COC? Yes / No
Were all sample containers Intact? Yes / No
If no, list samples and problems:

Note: if samples are damaged, META's project manager should be notified.

For aqueous 40ml Voas; was headspace present? Yes / No / NA

Comments:

Custodian: [Signature]

Project Manager: [Signature]

CLIENT INFORMATION

CLIENT PROJECT INFORMATION

CLIENT BILLING INFORMATION

REPORT TO BE SENT TO:
 COMPANY: Parsons
 ADDRESS: 290 Elwood Davis Rd, Suite 31
 CITY: Liverpool STATE: NY ZIP: 13088
 ATTENTION: Shane Blauvelt
 PHONE: 3154519560 FAX: 3154519570

PROJECT NAME: Farrington St.
 PROJECT NO.: 444575 03000 LOCATION: Fishing, NY
 PROJECT MANAGER: Yelena Skorobogatov
 e-mail: _____
 PHONE: 7182042405 FAX: _____

BILL TO: _____ PO#: _____
 ADDRESS: _____
 CITY: _____ STATE: _____ ZIP: _____
 ATTENTION: _____ PHONE: _____

ANALYSIS

DATA TURNAROUND INFORMATION

DATA DELIVERABLE INFORMATION

FAX: Standard DAYS *
 HARD COPY: _____ DAYS *
 EDD: _____ DAYS *
 PREAPPROVED TAT: YES NO
 STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

RESULTS ONLY USEPA CLP
 RESULTS + QC New York State ASP "B"
 New Jersey REDUCED New York State ASP "A"
 New Jersey CLP Other _____
 EDD FORMAT _____

*LL FID 9100 Mdb
 6/1/09 5:20 Mdb*

PRESERVATIVES

COMMENTS

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS ← Specify Preservatives A-HCl B-HNO ₃ C-H ₂ SO ₄ D-NaOH E-ICE F-Other		
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9			
1.	MW-19(16-18)	Soil	✓		5/18/09	1035	1	X	X										Oil Fingerprint #A000570-01
2.																			
3.																			
4.																			
5.																			
6.																			
7.																			
8.																			
9.																			
10.																			

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER: 1. <u>[Signature]</u>	DATE/TIME: <u>5/19/09 1445</u>	RECEIVED BY: 1. <u>[Signature]</u>	Conditions of bottles or coolers at receipt: <input type="checkbox"/> Compliant <input type="checkbox"/> Non Compliant MeOH extraction requires an additional 4 oz jar for percent solid. Comments:	Cooler Temp. <u>10.5°C</u> Ice in Cooler?: <u>yes</u>
RELINQUISHED BY: 2. _____	DATE/TIME: _____	RECEIVED BY: 2. <u>5/20/09 10:45</u>		
RELINQUISHED BY: 3. _____	DATE/TIME: _____	RECEIVED FOR LAB BY: 3. _____	Page <u>1</u> of <u>1</u>	SHIPPED VIA: CLIENT: <input type="checkbox"/> HAND DELIVERED <input type="checkbox"/> OVERNIGHT CHEMTECH: <input type="checkbox"/> PICKED UP <input type="checkbox"/> OVERNIGHT Shipment Complete: <input type="checkbox"/> YES <input type="checkbox"/> NO

META Environmental, Inc.
Sample Receipt Log

Lab ID	Field ID	Matrix	Prep Method	Cleanup Method	Analysis Method	Date Sampled	Date Received	Project #	Container	Comments	Client Name	Project Name
PA090520-01	MW-19 (16-18)	Soil	2508		4007/4008	5/18/2009	5/20/2009	P06011-60	1 x 6 oz jar	Oil Fingerprint	Parsons	Farrington St

Logged By: RS
Date: 5/20/09

Reviewed By: JMC
Date: 5/21/09

META Environmental, Inc.
Sample Receipt Checklist

Receipt date: 5/20/09
Login date: 5/20/09
Login personnel: RS

Client Information:

Company Name: Parsons
Project Manager: Shane Blauvelt, Julena Skonborg et al
Project Name: Fannington St.

Shipping Information:

How were samples received? UPS FedEx DHL Other:
Number of coolers: 1
Internal temperature of coolers: 10.5°C
Was ice present? Yes / No

Note: if cooler is outside the 2-6° range, META's project manager should be notified.

Documentation:

Was a Chain of Custody present? Yes / No
Was it signed? Yes / No
Was all project information present on the COC? Yes / No
Was a bill of lading or shipping label retained? Yes / No

Sample Information:

Number of sample containers: 1
Does this match the COC? Yes / No
Were all sample containers Intact? Yes / No
If no, list samples and problems:

Note: if samples are damaged, META's project manager should be notified.

For aqueous 40ml Voas; was headspace present? Yes / No / NA

Comments:

Custodian: Rebel Stut

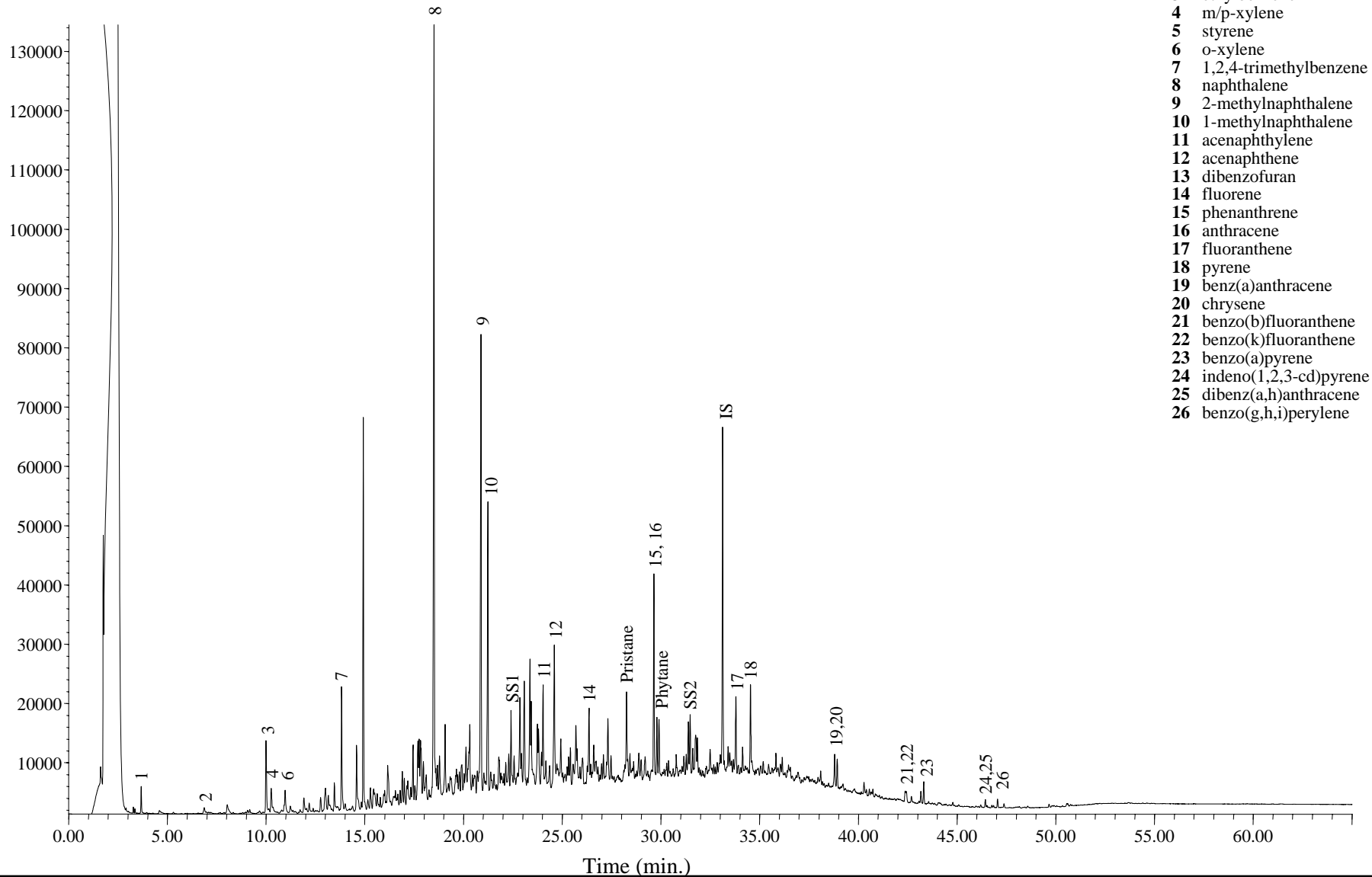
Project Manager: James A. [Signature]

Appendix B

GC/FID Fingerprints

GC/FID Fingerprint

C051926.D\FID2B



- 1 benzene
- 2 toluene
- 3 ethylbenzene
- 4 m/p-xylene
- 5 styrene
- 6 o-xylene
- 7 1,2,4-trimethylbenzene
- 8 naphthalene
- 9 2-methylnaphthalene
- 10 1-methylnaphthalene
- 11 acenaphthylene
- 12 acenaphthene
- 13 dibenzofuran
- 14 fluorene
- 15 phenanthrene
- 16 anthracene
- 17 fluoranthene
- 18 pyrene
- 19 benz(a)anthracene
- 20 chrysene
- 21 benzo(b)fluoranthene
- 22 benzo(k)fluoranthene
- 23 benzo(a)pyrene
- 24 indeno(1,2,3-cd)pyrene
- 25 dibenz(a,h)anthracene
- 26 benzo(g,h,i)perylene

Extraction Date: 05/18/2009
Analysis Date: 05/20/2009

IS – 5 α -androstane
 SS1 – 2-fluorobiphenyl
 SS2 – o-terphenyl

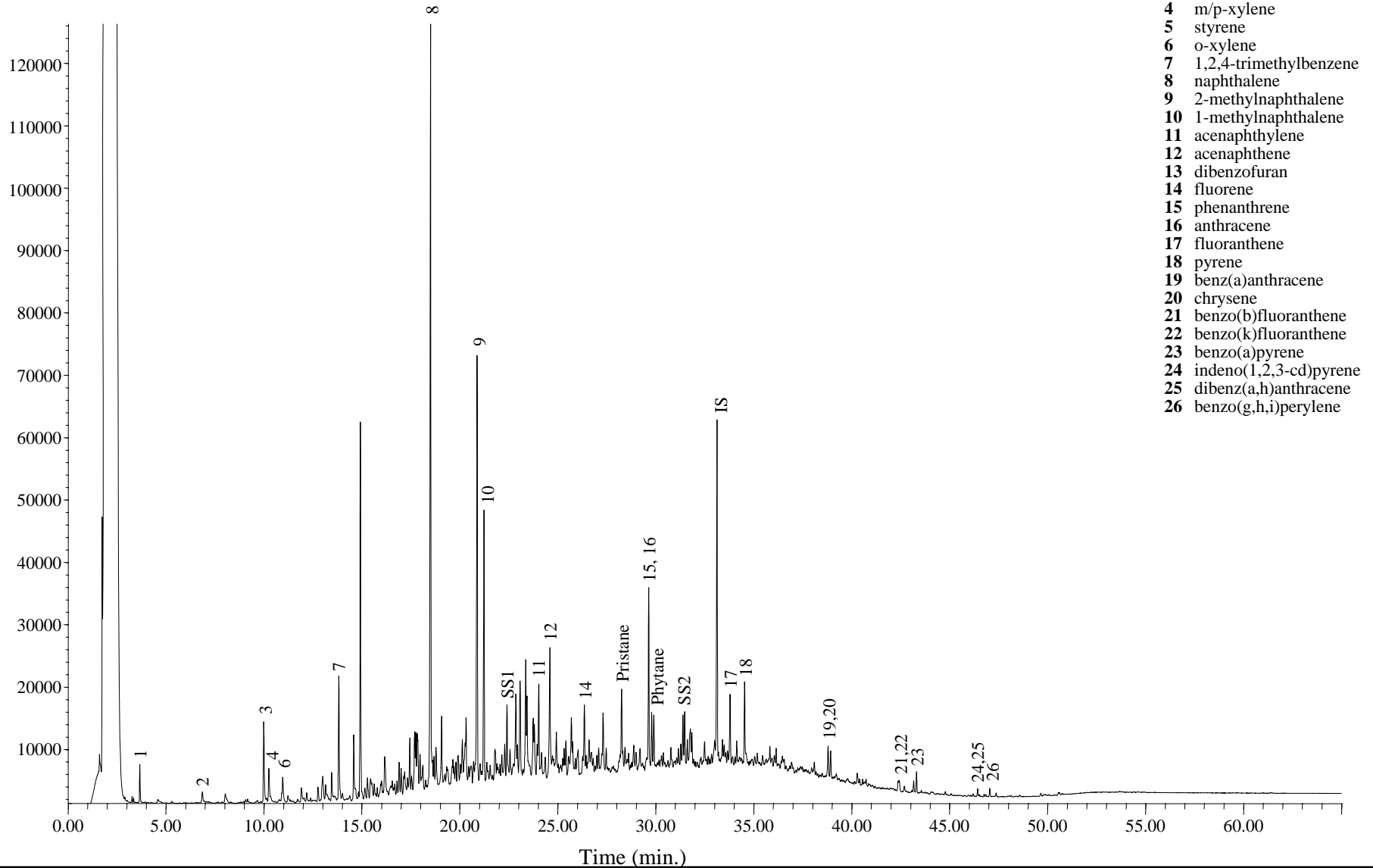
Field ID: MW-16 (14-16)

Laboratory ID: PA090514-01-D

Method: EPA 8100M

GC/FID Fingerprint

C051927.D\FID2B



Extraction Date: 05/18/2009

Analysis Date: 05/20/2009

IS – 5 α -androstane

SS1 – 2-fluorobiphenyl

SS2 – o-terphenyl

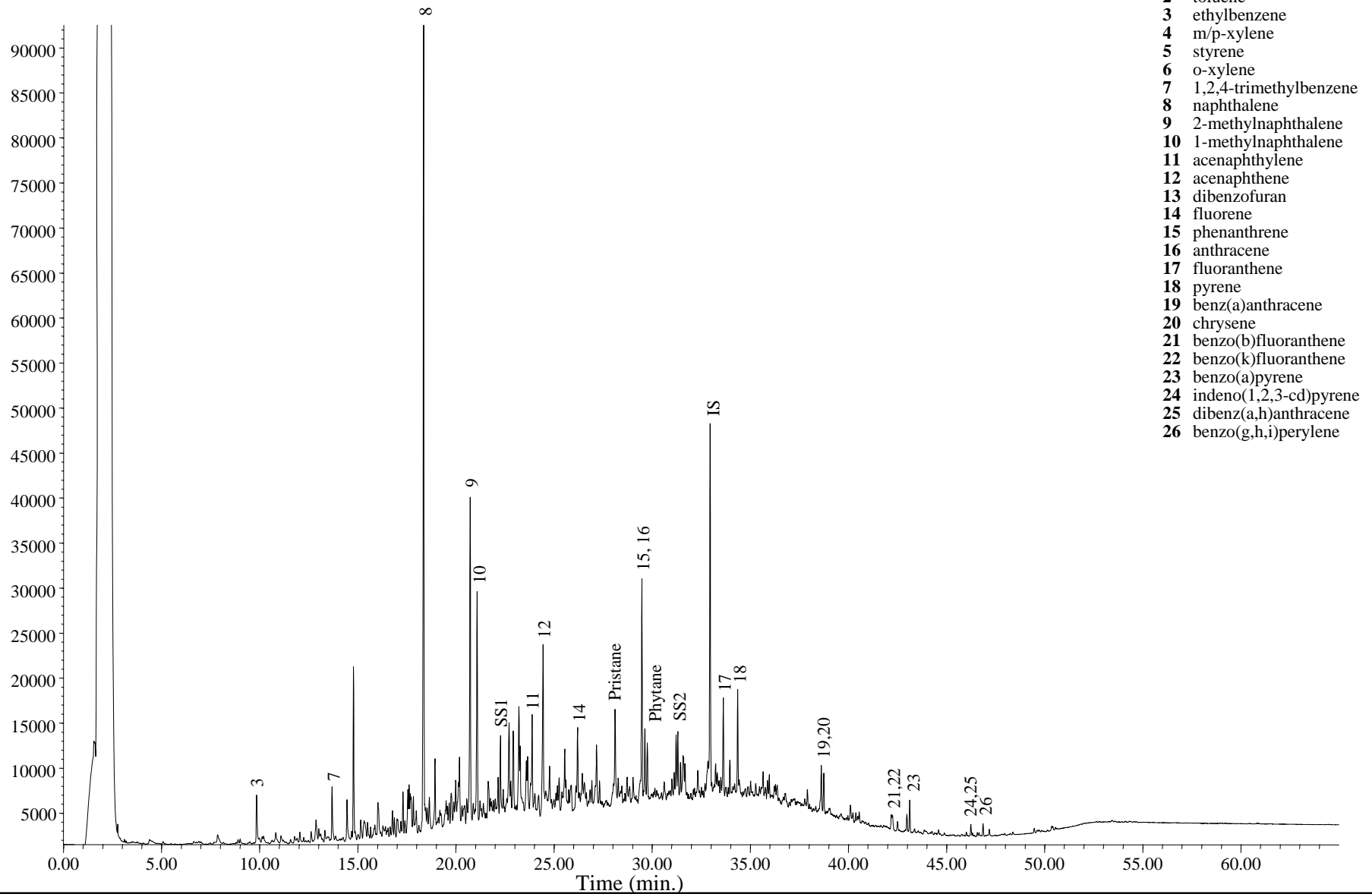
Field ID: MW-16 (14-16)

Laboratory ID: PA090514-01DUP-D

Method: EPA 8100M

GC/FID Fingerprint

C052620.D\FID2B



Extraction Date: 05/22/2009

Analysis Date: 05/27/2009

IS – 5 α -androstane

SS1 – 2-fluorobiphenyl

SS2 – o-terphenyl

Field ID: MW-19 (16-18)

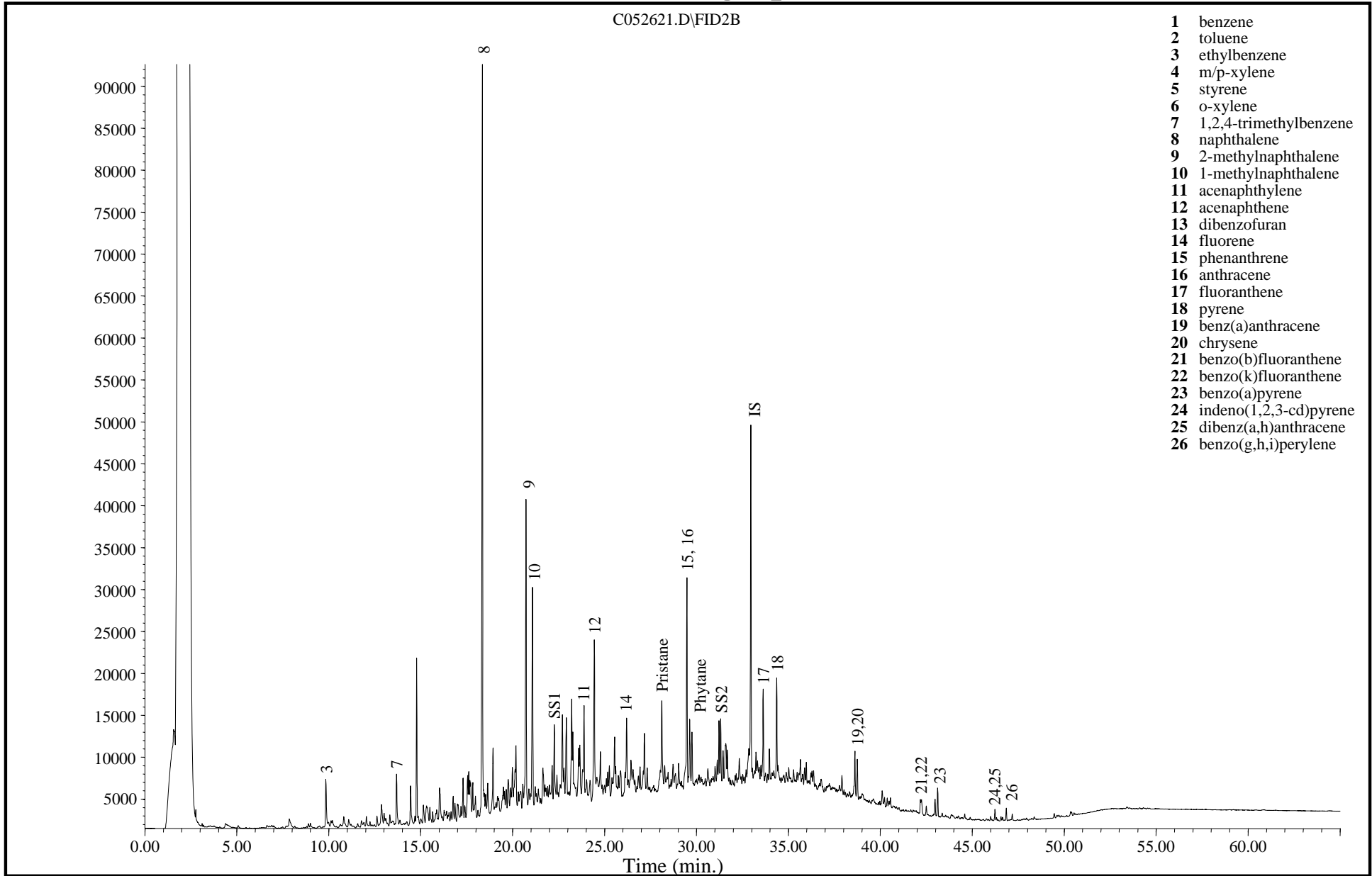
Laboratory ID: PA090520-01-D

Method: EPA 8100M

GC/FID Fingerprint

C052621.D\FID2B

- 1 benzene
- 2 toluene
- 3 ethylbenzene
- 4 m/p-xylene
- 5 styrene
- 6 o-xylene
- 7 1,2,4-trimethylbenzene
- 8 naphthalene
- 9 2-methylnaphthalene
- 10 1-methylnaphthalene
- 11 acenaphthylene
- 12 acenaphthene
- 13 dibenzofuran
- 14 fluorene
- 15 phenanthrene
- 16 anthracene
- 17 fluoranthene
- 18 pyrene
- 19 benz(a)anthracene
- 20 chrysene
- 21 benzo(b)fluoranthene
- 22 benzo(k)fluoranthene
- 23 benzo(a)pyrene
- 24 indeno(1,2,3-cd)pyrene
- 25 dibenz(a,h)anthracene
- 26 benzo(g,h,i)perylene



Extraction Date: 05/22/2009
Analysis Date: 05/27/2009

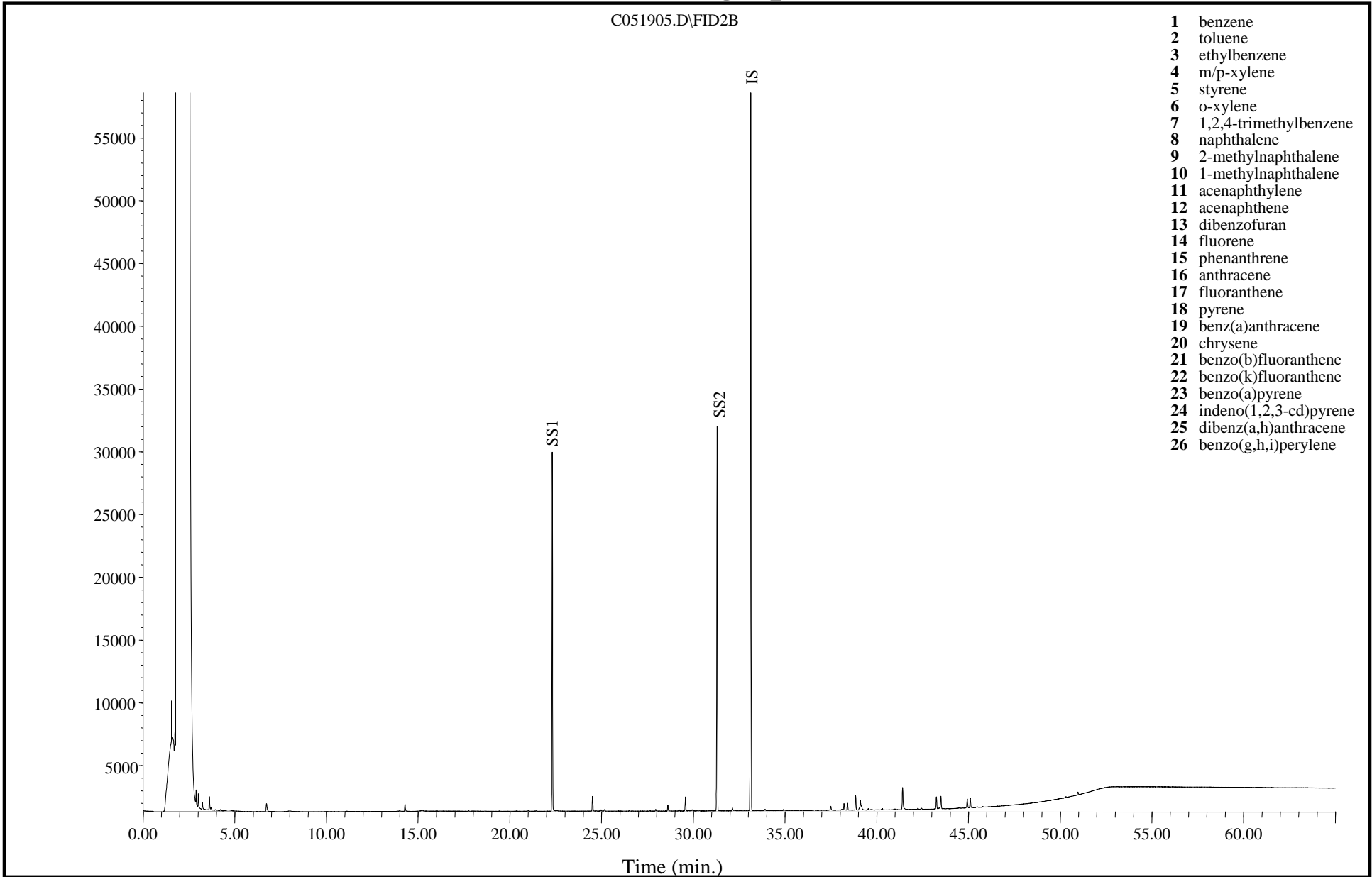
Field ID: MW-19 (16-18)
Laboratory ID: PA090520-01DUP-D
Method: EPA 8100M

IS – 5 α -androstane
 SS1 – 2-fluorobiphenyl
 SS2 – o-terphenyl

GC/FID Fingerprint

C051905.D\FID2B

- 1 benzene
- 2 toluene
- 3 ethylbenzene
- 4 m/p-xylene
- 5 styrene
- 6 o-xylene
- 7 1,2,4-trimethylbenzene
- 8 naphthalene
- 9 2-methylnaphthalene
- 10 1-methylnaphthalene
- 11 acenaphthylene
- 12 acenaphthene
- 13 dibenzofuran
- 14 fluorene
- 15 phenanthrene
- 16 anthracene
- 17 fluoranthene
- 18 pyrene
- 19 benz(a)anthracene
- 20 chrysene
- 21 benzo(b)fluoranthene
- 22 benzo(k)fluoranthene
- 23 benzo(a)pyrene
- 24 indeno(1,2,3-cd)pyrene
- 25 dibenz(a,h)anthracene
- 26 benzo(g,h,i)perylene



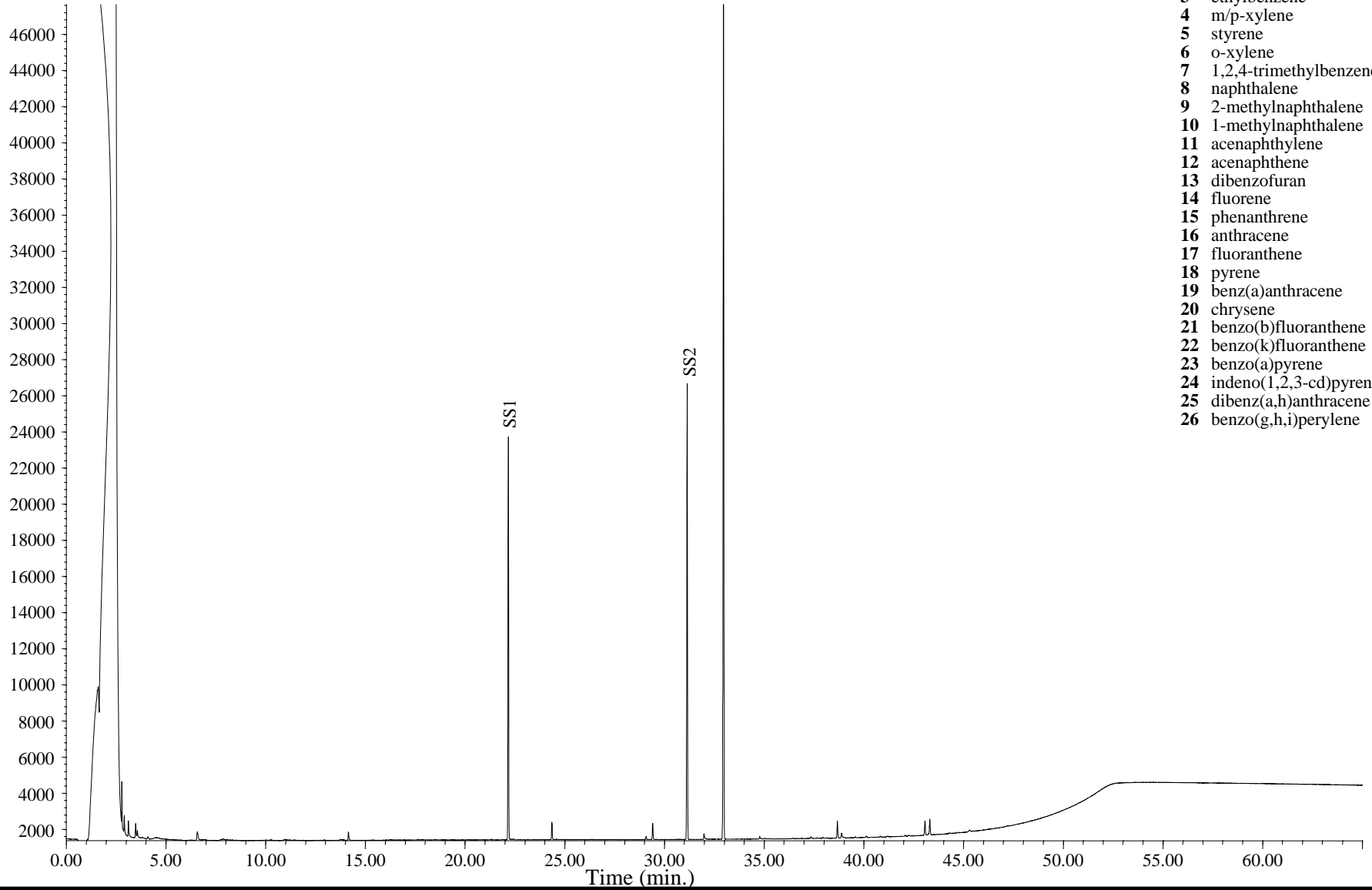
Extraction Date: 05/18/2009
Analysis Date: 05/19/2009

Field ID: Soil Blank
Laboratory ID: QC090518-SB
Method: EPA 8100M

IS – 5 α -androstane
SS1 – 2-fluorobiphenyl
SS2 – o-terphenyl

GC/FID Fingerprint

C052608.D\FID2B



- 1 benzene
- 2 toluene
- 3 ethylbenzene
- 4 m/p-xylene
- 5 styrene
- 6 o-xylene
- 7 1,2,4-trimethylbenzene
- 8 naphthalene
- 9 2-methylnaphthalene
- 10 1-methylnaphthalene
- 11 acenaphthylene
- 12 acenaphthene
- 13 dibenzofuran
- 14 fluorene
- 15 phenanthrene
- 16 anthracene
- 17 fluoranthene
- 18 pyrene
- 19 benz(a)anthracene
- 20 chrysene
- 21 benzo(b)fluoranthene
- 22 benzo(k)fluoranthene
- 23 benzo(a)pyrene
- 24 indeno(1,2,3-cd)pyrene
- 25 dibenz(a,h)anthracene
- 26 benzo(g,h,i)perylene

Extraction Date: 05/22/2009
Analysis Date: 05/26/2009

Field ID: Soil Blank
Laboratory ID: QC090522-SB
Method: EPA 8100M

IS - 5 α -androstane
SS1 - 2-fluorobiphenyl
SS2 - o-terphenyl

Appendix C

MAH/PAH Concentrations

Analytical Results for Volatile and Semivolatile Organics
META Environmental, Inc.

Field ID: MW-16 (14-16)

Client:	Parsons	Preparation Method:	EPA 3570
Project:	Con Edison - Farrington	Cleanup Method(s):	NA
		Analysis Method:	EPA 8270M
Lab ID	PA090514-01-D		
File ID:	E060234.D	Matrix:	Soil
		Preservation:	None
Date Sampled:	5/12/2009	Decanted:	None
Date Received:	5/14/2009		
Date Prepared:	5/18/2009	Sample Size (g):	4.97
Date Cleanup:	NA	Percent Solid:	84.4%
Date Analyzed:	6/4/2009	Extract Volume (µl):	2000
Instrument:	EI Camino	Prep DF:	1
Operator:	ERL	Analysis DF:	10
		Injection Volume (µl):	1.00
Batch QC:	QC090518-SB		

Analyte	Concentration (mg/kg dry wt.)	RL	EDL	Comments
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MAH & PAH COMPOUNDS:

Benzene	8.9 B	0.024	0.012	
Toluene	2.92 B	0.024	0.012	
Ethylbenzene	33.5	0.024	0.012	
m/p-Xylenes	13.6 B	0.024	0.012	
Styrene	4.85 B	0.024	0.012	
o-Xylene	11.6	0.024	0.012	
Isopropylbenzene	9.33	0.024	0.012	
n-Propylbenzene	4.4	0.024	0.012	
1,3,5-Trimethylbenzene	7.49	0.024	0.012	
1,2,4-Trimethylbenzene	49.8	0.024	0.012	
t-Butylbenzene	U	0.024	0.012	
sec-Butylbenzene	0.473	0.024	0.012	
p-Isopropyltoluene	4.64	0.024	0.012	
n-Butylbenzene	U	0.024	0.012	
C1 - Benzene	1.74 B	0.024	0.012	
C2 - Benzene	23.2	0.024	0.012	
C3 - Benzene	44.4	0.024	0.012	
C4 - Benzene	29.2	0.024	0.012	
C5 - Benzene	15.4	0.024	0.012	
trans-Decalin	3.03	0.024	0.012	
cis-Decalin	U	0.024	0.012	
Naphthalene	318 D	0.024	0.012	
2-Methylnaphthalene	218 D	0.024	0.012	
1-Methylnaphthalene	133 D	0.024	0.012	
C1 - Naphthalene	205 D	0.024	0.012	
C2 - Naphthalene	79.5	0.024	0.012	
C3- Naphthalene	34.8	0.024	0.012	
C4- Naphthalene	13.6	0.024	0.012	
Acenaphthylene	7.91	0.024	0.012	
Acenaphthene	50.7	0.024	0.012	
Dibenzofuran	3.85	0.024	0.012	
Fluorene	29.3	0.024	0.012	
C1 - Fluorene	17.9	0.024	0.012	
C2 - Fluorene	13.2	0.024	0.012	
C3 - Fluorene	9.44	0.024	0.012	
Phenanthrene	76.9	0.024	0.012	
Anthracene	22.7	0.024	0.012	

Analytical Results for Volatile and Semivolatile Organics
META Environmental, Inc.

Field ID: MW-16 (14-16)

Client:	Parsons	Preparation Method:	EPA 3570
Project:	Con Edison - Farrington	Cleanup Method(s):	NA
		Analysis Method:	EPA 8270M
Lab ID	PA090514-01-D		
File ID:	E060234.D	Matrix:	Soil
		Preservation:	None
Date Sampled:	5/12/2009	Decanted:	None
Date Received:	5/14/2009		
Date Prepared:	5/18/2009	Sample Size (g):	4.97
Date Cleanup:	NA	Percent Solid:	84.4%
Date Analyzed:	6/4/2009	Extract Volume (µl):	2000
Instrument:	EI Camino	Prep DF:	1
Operator:	ERL	Analysis DF:	10
		Injection Volume (µl):	1.00
Batch QC:	QC090518-SB		

Analyte	Concentration (mg/kg dry wt.)	RL	EDL	Comments
C1 - Phenanthrene/Anthracene	56.6	0.024	0.012	
C2 - Phenanthrene/Anthracene	29.6	0.024	0.012	
C3 - Phenanthrene/Anthracene	11.0	0.024	0.012	
C4 - Phenanthrene/Anthracene	2.94	0.024	0.012	
Dibenzothiophene	8.86	0.024	0.012	
C1 - Dibenzothiophene	11.3	0.024	0.012	
C2 - Dibenzothiophene	10.7	0.024	0.012	
C3 - Dibenzothiophene	6.02	0.024	0.012	
C4 - Dibenzothiophene	2.41	0.024	0.012	
Benzo(b)naphtho(2,1-d)thiophene	2.32	0.024	0.012	
Fluoranthene	24.7	0.024	0.012	
Pyrene	34.0	0.024	0.012	
C1 - Fluoranthene/Pyrene	29.5	0.024	0.012	
C2 - Fluoranthene/Pyrene	10.4	0.024	0.012	
C3 - Fluoranthene/Pyrene	2.43	0.024	0.012	
Benz[a]anthracene	14.4	0.024	0.012	
Chrysene*	13.4 B	0.024	0.012	
C1 - Benz(a)anthracene/Chrysene	10.2	0.024	0.012	
C2 - Benz(a)anthracene/Chrysene	3.7	0.024	0.012	
C3 - Benz(a)anthracene/Chrysene	0.772	0.024	0.012	
C4 - Benz(a)anthracene/Chrysene	U	0.024	0.012	
Benzo[b]fluoranthene	4.56	0.024	0.012	
Benzo[j/k]fluoranthene	6.3	0.024	0.012	
Benzo(e)pyrene	4.83	0.024	0.012	
Benzo[a]pyrene	9.8	0.024	0.012	
Perylene	1.44	0.024	0.012	
Indeno[1,2,3-cd]pyrene	3.13 B	0.024	0.012	
Dibenz[a,h]anthracene	1.18	0.024	0.012	
Benzo[g,h,i]perylene	3.68 B	0.024	0.012	
Coronene	0.999	0.024	0.012	
Retene	U	0.024	0.012	
Benzo(b/c)fluorenes	4.72	0.024	0.012	
2-Methylpyrene	4.52	0.024	0.012	
4-Methylpyrene	3.35	0.024	0.012	
1-Methylpyrene	4.31	0.024	0.012	
Heptadecane	U	0.024	0.012	
Pristane	39.8	0.024	0.012	
Octadecane	U	0.024	0.012	
Phytane	30.1	0.024	0.012	

Analytical Results for Volatile and Semivolatile Organics
META Environmental, Inc.

Field ID: MW-16 (14-16)

Client:	Parsons	Preparation Method:	EPA 3570
Project:	Con Edison - Farrington	Cleanup Method(s):	NA
Lab ID	PA090514-01-D	Analysis Method:	EPA 8270M
File ID:	E060234.D	Matrix:	Soil
Date Sampled:	5/12/2009	Preservation:	None
Date Received:	5/14/2009	Decanted:	None
Date Prepared:	5/18/2009	Sample Size (g):	4.97
Date Cleanup:	NA	Percent Solid:	84.4%
Date Analyzed:	6/4/2009	Extract Volume (µl):	2000
Instrument:	EI Camino	Prep DF:	1
Operator:	ERL	Analysis DF:	10
Batch QC:	QC090518-SB	Injection Volume (µl):	1.00

Analyte	Concentration (mg/kg dry wt.)	RL	EDL	Comments
2,6,10-trimethyldodecane	24.7	0.024	0.012	
2,6,10-trimethyltridecane	23.3	0.024	0.012	
Norpristane	21.7	0.024	0.012	
Tetraethyl lead	U	0.024	0.012	
Total PAH (16)	621	0.024	0.012	
Total PAH (42)	996	0.024	0.012	

Extraction Surrogate Recoveries (%)		Limits
Toluene-d8	47	50 - 120
Phenanthrene-d10	59	50 - 120
Benzo[a]pyrene-d12	53	50 - 120
Perylene-d12	69	50 - 120

NA - Not applicable.

B - Analyte detected in the Blank.

J - Estimated value; detected between the RL and DL.

U - Analyte not detected above DL.

D - Analyte reported from a diluted extract.

E - Estimate, result detected above calibration range.

I - Concentration/Peak ID uncertain due to potential interference.

RL - Reporting limit is the sample equivalent of the lowest linear calibration concentration.

EDL - Estimated detection limit is 50% of RL.

* - Triphenylene is known to coelute with this compound.

Analytical Results for Volatile and Semivolatile Organics
META Environmental, Inc.

Field ID: MW-19 (16-18)

Client:	Parsons	Preparation Method:	EPA 3570
Project:	Con Edison - Farrington	Cleanup Method(s):	NA
		Analysis Method:	EPA 8270M
Lab ID	PA090520-01-D		
File ID:	E060236.D	Matrix:	Soil
		Preservation:	None
Date Sampled:	5/18/2009	Decanted:	None
Date Received:	5/20/2009		
Date Prepared:	5/22/2009	Sample Size (g):	4.53
Date Cleanup:	NA	Percent Solid:	86.0%
Date Analyzed:	6/4/2009	Extract Volume (µl):	2000
Instrument:	EI Camino	Prep DF:	1
Operator:	ERL	Analysis DF:	10
		Injection Volume (µl):	1.00
Batch QC:	QC090522-SB		

Analyte	Concentration (mg/kg dry wt.)	RL	EDL	Comments
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MAH & PAH COMPOUNDS:

Benzene	0.086 B	0.026	0.013	
Toluene	0.286 B	0.026	0.013	
Ethylbenzene	37.2 B	0.026	0.013	
m/p-Xylenes	4.39 B	0.026	0.013	
Styrene	1.83 B	0.026	0.013	
o-Xylene	8.81 B	0.026	0.013	
Isopropylbenzene	6.0	0.026	0.013	
n-Propylbenzene	3.18	0.026	0.013	
1,3,5-Trimethylbenzene	9.01	0.026	0.013	
1,2,4-Trimethylbenzene	32.7	0.026	0.013	
t-Butylbenzene	U	0.026	0.013	
sec-Butylbenzene	0.591	0.026	0.013	
p-Isopropyltoluene	4.07	0.026	0.013	
n-Butylbenzene	U	0.026	0.013	
C1 - Benzene	0.171 B	0.026	0.013	
C2 - Benzene	19.1 B	0.026	0.013	
C3 - Benzene	32.6	0.026	0.013	
C4 - Benzene	33.6	0.026	0.013	
C5 - Benzene	18.4	0.026	0.013	
trans-Decalin	3.85	0.026	0.013	
cis-Decalin	U	0.026	0.013	
Naphthalene	292 DB	0.026	0.013	
2-Methylnaphthalene	140 DB	0.026	0.013	
1-Methylnaphthalene	97.4 DB	0.026	0.013	
C1 - Naphthalene	139 DB	0.026	0.013	
C2 - Naphthalene	102	0.026	0.013	
C3- Naphthalene	51.4	0.026	0.013	
C4- Naphthalene	22.4	0.026	0.013	
Acenaphthylene	11.8	0.026	0.013	
Acenaphthene	91.2 B	0.026	0.013	
Dibenzofuran	7.92	0.026	0.013	
Fluorene	47.5 B	0.026	0.013	
C1 - Fluorene	27.7	0.026	0.013	
C2 - Fluorene	23.7	0.026	0.013	
C3 - Fluorene	16.6	0.026	0.013	
Phenanthrene	124 DB	0.026	0.013	
Anthracene	42.8 D	0.026	0.013	

Analytical Results for Volatile and Semivolatile Organics
META Environmental, Inc.

Field ID: MW-19 (16-18)

Client:	Parsons	Preparation Method:	EPA 3570
Project:	Con Edison - Farrington	Cleanup Method(s):	NA
		Analysis Method:	EPA 8270M
Lab ID	PA090520-01-D		
File ID:	E060236.D	Matrix:	Soil
		Preservation:	None
Date Sampled:	5/18/2009	Decanted:	None
Date Received:	5/20/2009		
Date Prepared:	5/22/2009	Sample Size (g):	4.53
Date Cleanup:	NA	Percent Solid:	86.0%
Date Analyzed:	6/4/2009	Extract Volume (µl):	2000
Instrument:	EI Camino	Prep DF:	1
Operator:	ERL	Analysis DF:	10
		Injection Volume (µl):	1.00
Batch QC:	QC090522-SB		

Analyte	Concentration (mg/kg dry wt.)	RL	EDL	Comments
C1 - Phenanthrene/Anthracene	102	0.026	0.013	
C2 - Phenanthrene/Anthracene	56.8	0.026	0.013	
C3 - Phenanthrene/Anthracene	20.8	0.026	0.013	
C4 - Phenanthrene/Anthracene	5.96	0.026	0.013	
Dibenzothiophene	13.3	0.026	0.013	
C1 - Dibenzothiophene	17.2	0.026	0.013	
C2 - Dibenzothiophene	17.1	0.026	0.013	
C3 - Dibenzothiophene	10.2	0.026	0.013	
C4 - Dibenzothiophene	4.34	0.026	0.013	
Benzo(b)naphtho(2,1-d)thiophene	4.66	0.026	0.013	
Fluoranthene	48.9 B	0.026	0.013	
Pyrene	62.8 B	0.026	0.013	
C1 - Fluoranthene/Pyrene	62.5	0.026	0.013	
C2 - Fluoranthene/Pyrene	21.2	0.026	0.013	
C3 - Fluoranthene/Pyrene	6.0	0.026	0.013	
Benz[a]anthracene	30.7	0.026	0.013	
Chrysene*	28.1	0.026	0.013	
C1 - Benz(a)anthracene/Chrysene	21.8	0.026	0.013	
C2 - Benz(a)anthracene/Chrysene	8.26	0.026	0.013	
C3 - Benz(a)anthracene/Chrysene	1.81	0.026	0.013	
C4 - Benz(a)anthracene/Chrysene	U	0.026	0.013	
Benzo[b]fluoranthene	10.3	0.026	0.013	
Benzo[j/k]fluoranthene	14.1	0.026	0.013	
Benzo(e)pyrene	11.0	0.026	0.013	
Benzo[a]pyrene	22.1	0.026	0.013	
Perylene	3.16	0.026	0.013	
Indeno[1,2,3-cd]pyrene	6.99	0.026	0.013	
Dibenz[a,h]anthracene	2.58	0.026	0.013	
Benzo[g,h,i]perylene	8.19	0.026	0.013	
Coronene	2.45	0.026	0.013	
Retene	U	0.026	0.013	
Benzo(b/c)fluorenes	9.89	0.026	0.013	
2-Methylpyrene	9.09	0.026	0.013	
4-Methylpyrene	7.33	0.026	0.013	
1-Methylpyrene	9.06	0.026	0.013	
Heptadecane	U	0.026	0.013	
Pristane	61.8	0.026	0.013	
Octadecane	U	0.026	0.013	
Phytane	46.8	0.026	0.013	

Analytical Results for Volatile and Semivolatile Organics
META Environmental, Inc.

Field ID: MW-19 (16-18)

Client:	Parsons	Preparation Method:	EPA 3570
Project:	Con Edison - Farrington	Cleanup Method(s):	NA
Lab ID	PA090520-01-D	Analysis Method:	EPA 8270M
File ID:	E060236.D	Matrix:	Soil
Date Sampled:	5/18/2009	Preservation:	None
Date Received:	5/20/2009	Decanted:	None
Date Prepared:	5/22/2009	Sample Size (g):	4.53
Date Cleanup:	NA	Percent Solid:	86.0%
Date Analyzed:	6/4/2009	Extract Volume (µl):	2000
Instrument:	EI Camino	Prep DF:	1
Operator:	ERL	Analysis DF:	10
Batch QC:	QC090522-SB	Injection Volume (µl):	1.00

Analyte	Concentration (mg/kg dry wt.)	RL	EDL	Comments
2,6,10-trimethyldodecane	37.7	0.026	0.013	
2,6,10-trimethyltridecane	36.2	0.026	0.013	
Norpristane	33.3	0.026	0.013	
Tetraethyl lead	U	0.026	0.013	
Total PAH (16)	844	0.026	0.013	
Total PAH (42)	1,480	0.026	0.013	

Extraction Surrogate Recoveries (%)		Limits
Toluene-d8	83	50 - 120
Phenanthrene-d10	104	50 - 120
Benzo[a]pyrene-d12	101	50 - 120
Perylene-d12	146	50 - 120

NA - Not applicable.

B - Analyte detected in the Blank.

J - Estimated value; detected between the RL and DL.

U - Analyte not detected above DL.

D - Analyte reported from a diluted extract.

E - Estimate, result detected above calibration range.

I - Concentration/Peak ID uncertain due to potential interference.

RL - Reporting limit is the sample equivalent of the lowest linear calibration concentration.

EDL - Estimated detection limit is 50% of RL.

* - Triphenylene is known to coelute with this compound.

Analytical Results for Volatile and Semivolatile Organics
META Environmental, Inc.

Field ID: Soil Blank

Client:	Parsons	Preparation Method:	EPA 3570
Project:	Con Edison - Farrington	Cleanup Method(s):	NA
		Analysis Method:	EPA 8270M
Lab ID	QC090518-SB		
File ID:	E060231.D	Matrix:	Soil
		Preservation:	None
Date Sampled:	NA	Decanted:	None
Date Received:	NA		
Date Prepared:	5/18/2009	Sample Size (g):	4.00
Date Cleanup:	NA	Percent Solid:	100.0%
Date Analyzed:	6/4/2009	Extract Volume (µl):	2000
Instrument:	EI Camino	Prep DF:	1
Operator:	ERL	Analysis DF:	1
		Injection Volume (µl):	1.00
Batch QC:	QC090518-SB		

Analyte	Concentration (mg/kg dry wt.)	RL	EDL	Comments
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MAH & PAH COMPOUNDS:

Benzene	0.005	0.003	0.001	
Toluene	0.009	0.003	0.001	
Ethylbenzene	U	0.003	0.001	
m/p-Xylenes	0.001 J	0.003	0.001	
Styrene	0.005	0.003	0.001	
o-Xylene	U	0.003	0.001	
Isopropylbenzene	U	0.003	0.001	
n-Propylbenzene	U	0.003	0.001	
1,3,5-Trimethylbenzene	U	0.003	0.001	
1,2,4-Trimethylbenzene	U	0.003	0.001	
t-Butylbenzene	U	0.003	0.001	
sec-Butylbenzene	U	0.003	0.001	
p-Isopropyltoluene	U	0.003	0.001	
n-Butylbenzene	U	0.003	0.001	
C1 - Benzene	0.005	0.003	0.001	
C2 - Benzene	U	0.003	0.001	
C3 - Benzene	U	0.003	0.001	
C4 - Benzene	U	0.003	0.001	
C5 - Benzene	U	0.003	0.001	
trans-Decalin	U	0.003	0.001	
cis-Decalin	U	0.003	0.001	
Naphthalene	U	0.003	0.001	
2-Methylnaphthalene	U	0.003	0.001	
1-Methylnaphthalene	U	0.003	0.001	
C1 - Naphthalene	U	0.003	0.001	
C2 - Naphthalene	U	0.003	0.001	
C3- Naphthalene	U	0.003	0.001	
C4- Naphthalene	U	0.003	0.001	
Acenaphthylene	U	0.003	0.001	
Acenaphthene	U	0.003	0.001	
Dibenzofuran	U	0.003	0.001	
Fluorene	U	0.003	0.001	
C1 - Fluorene	U	0.003	0.001	
C2 - Fluorene	U	0.003	0.001	
C3 - Fluorene	U	0.003	0.001	
Phenanthrene	U	0.003	0.001	
Anthracene	U	0.003	0.001	

Analytical Results for Volatile and Semivolatile Organics
META Environmental, Inc.

Field ID: Soil Blank

Client:	Parsons	Preparation Method:	EPA 3570
Project:	Con Edison - Farrington	Cleanup Method(s):	NA
		Analysis Method:	EPA 8270M
Lab ID	QC090518-SB		
File ID:	E060231.D	Matrix:	Soil
		Preservation:	None
Date Sampled:	NA	Decanted:	None
Date Received:	NA		
Date Prepared:	5/18/2009	Sample Size (g):	4.00
Date Cleanup:	NA	Percent Solid:	100.0%
Date Analyzed:	6/4/2009	Extract Volume (µl):	2000
Instrument:	EI Camino	Prep DF:	1
Operator:	ERL	Analysis DF:	1
		Injection Volume (µl):	1.00
Batch QC:	QC090518-SB		

Analyte	Concentration (mg/kg dry wt.)	RL	EDL	Comments
C1 - Phenanthrene/Anthracene	U	0.003	0.001	
C2 - Phenanthrene/Anthracene	U	0.003	0.001	
C3 - Phenanthrene/Anthracene	U	0.003	0.001	
C4 - Phenanthrene/Anthracene	U	0.003	0.001	
Dibenzothiophene	U	0.003	0.001	
C1 - Dibenzothiophene	U	0.003	0.001	
C2 - Dibenzothiophene	U	0.003	0.001	
C3 - Dibenzothiophene	U	0.003	0.001	
C4 - Dibenzothiophene	U	0.003	0.001	
Benzo(b)naphtho(2,1-d)thiophene	U	0.003	0.001	
Fluoranthene	U	0.003	0.001	
Pyrene	U	0.003	0.001	
C1 - Fluoranthene/Pyrene	U	0.003	0.001	
C2 - Fluoranthene/Pyrene	U	0.003	0.001	
C3 - Fluoranthene/Pyrene	U	0.003	0.001	
Benz[a]anthracene	U	0.003	0.001	
Chrysene*	0.003 J	0.003	0.001	
C1 - Benz(a)anthracene/Chrysene	U	0.003	0.001	
C2 - Benz(a)anthracene/Chrysene	U	0.003	0.001	
C3 - Benz(a)anthracene/Chrysene	U	0.003	0.001	
C4 - Benz(a)anthracene/Chrysene	U	0.003	0.001	
Benzo[b]fluoranthene	U	0.003	0.001	
Benzo[j/k]fluoranthene	U	0.003	0.001	
Benzo(e)pyrene	U	0.003	0.001	
Benzo[a]pyrene	U	0.003	0.001	
Perylene	U	0.003	0.001	
Indeno[1,2,3-cd]pyrene	0.002 J	0.003	0.001	
Dibenz[a,h]anthracene	U	0.003	0.001	
Benzo[g,h,i]perylene	0.003 J	0.003	0.001	
Coronene	U	0.003	0.001	
Retene	U	0.003	0.001	
Benzo(b/c)fluorenes	U	0.003	0.001	
2-Methylpyrene	U	0.003	0.001	
4-Methylpyrene	U	0.003	0.001	
1-Methylpyrene	U	0.003	0.001	
Heptadecane	U	0.003	0.001	
Pristane	U	0.003	0.001	
Octadecane	U	0.003	0.001	
Phytane	U	0.003	0.001	

Analytical Results for Volatile and Semivolatile Organics
META Environmental, Inc.

Field ID: Soil Blank

Client:	Parsons	Preparation Method:	EPA 3570
Project:	Con Edison - Farrington	Cleanup Method(s):	NA
		Analysis Method:	EPA 8270M
Lab ID	QC090518-SB		
File ID:	E060231.D	Matrix:	Soil
		Preservation:	None
Date Sampled:	NA	Decanted:	None
Date Received:	NA		
Date Prepared:	5/18/2009	Sample Size (g):	4.00
Date Cleanup:	NA	Percent Solid:	100.0%
Date Analyzed:	6/4/2009	Extract Volume (µl):	2000
Instrument:	EI Camino	Prep DF:	1
Operator:	ERL	Analysis DF:	1
		Injection Volume (µl):	1.00
Batch QC:	QC090518-SB		

Analyte	Concentration (mg/kg dry wt.)	RL	EDL	Comments
2,6,10-trimethyldodecane	U	0.003	0.001	
2,6,10-trimethyltridecane	U	0.003	0.001	
Norpristane	U	0.003	0.001	
Tetraethyl lead	U	0.003	0.001	
Total PAH (16)	0.008	0.003	0.001	
Total PAH (42)	0.008	0.003	0.001	

Extraction Surrogate Recoveries (%)

		Limits
Toluene-d8	94	50 - 120
Phenanthrene-d10	95	50 - 120
Benzo[a]pyrene-d12	85	50 - 120
Perylene-d12	101	50 - 120

NA - Not applicable.

B - Analyte detected in the Blank.

J - Estimated value; detected between the RL and DL.

U - Analyte not detected above DL.

D - Analyte reported from a diluted extract.

E - Estimate, result detected above calibration range.

I - Concentration/Peak ID uncertain due to potential interference.

RL - Reporting limit is the sample equivalent of the lowest linear calibration concentration.

EDL - Estimated detection limit is 50% of RL.

* - Triphenylene is known to coelute with this compound.

Analytical Results for Volatile and Semivolatile Organics
META Environmental, Inc.

Field ID: Soil Blank Spike

Client:	Parsons	Preparation Method:	EPA 3570
Project:	Con Edison - Farrington	Cleanup Method(s):	NA
Lab ID	QC090518-SBS	Analysis Method:	EPA 8270M
File ID:	E060233.D	Matrix:	Soil
Date Sampled:	NA	Preservation:	None
Date Received:	NA	Decanted:	None
Date Prepared:	5/18/2009	Sample Size (g):	4.00
Date Cleanup:	NA	Percent Solid:	100.0%
Date Analyzed:	6/4/2009	Extract Volume (µl):	2000
Instrument:	EI Camino	Prep DF:	1
Operator:	ERL	Analysis DF:	1
Batch QC:	QC090518-SB	Injection Volume (µl):	1.00

Analyte	Concentration (mg/kg dry wt.)		RL	EDL	Comments
MAH & PAH COMPOUNDS:	Spike Amount				% Recovery
Benzene	2.50	1.54 B	0.003	0.001	62
Toluene	2.50	1.88 B	0.003	0.001	75
Ethylbenzene	2.50	1.95	0.003	0.001	78
m/p-Xylenes	2.50	1.96 B	0.003	0.001	78
Styrene	2.50	1.98 B	0.003	0.001	79
o-Xylene	2.50	1.96	0.003	0.001	78
Isopropylbenzene	2.50	2.01	0.003	0.001	80
n-Propylbenzene	2.50	2.02	0.003	0.001	81
1,3,5-Trimethylbenzene	2.50	1.98	0.003	0.001	79
1,2,4-Trimethylbenzene	2.50	2.01	0.003	0.001	80
t-Butylbenzene		U	0.003	0.001	
sec-Butylbenzene	2.50	1.81	0.003	0.001	72
p-Isopropyltoluene	2.50	1.89	0.003	0.001	76
n-Butylbenzene	2.50	1.88	0.003	0.001	75
C1 - Benzene		BU	0.003	0.001	
C2 - Benzene		U	0.003	0.001	
C3 - Benzene		U	0.003	0.001	
C4 - Benzene		U	0.003	0.001	
C5 - Benzene		U	0.003	0.001	
trans-Decalin		U	0.003	0.001	
cis-Decalin		U	0.003	0.001	
Naphthalene	2.50	1.89	0.003	0.001	76
2-Methylnaphthalene	2.50	1.89	0.003	0.001	76
1-Methylnaphthalene	2.50	1.91	0.003	0.001	76
C1 - Naphthalene		U	0.003	0.001	
C2 - Naphthalene		U	0.003	0.001	
C3- Naphthalene		U	0.003	0.001	
C4- Naphthalene		U	0.003	0.001	
Acenaphthylene	2.50	2.29	0.003	0.001	92
Acenaphthene	2.50	2.21	0.003	0.001	88
Dibenzofuran	2.50	2.56	0.003	0.001	102
Fluorene	2.50	2.48	0.003	0.001	99
C1 - Fluorene		U	0.003	0.001	
C2 - Fluorene		U	0.003	0.001	
C3 - Fluorene		U	0.003	0.001	
Phenanthrene	2.50	2.2	0.003	0.001	88
Anthracene	2.50	2.04	0.003	0.001	82

Analytical Results for Volatile and Semivolatile Organics
META Environmental, Inc.

Field ID: Soil Blank Spike

Client:	Parsons	Preparation Method:	EPA 3570
Project:	Con Edison - Farrington	Cleanup Method(s):	NA
		Analysis Method:	EPA 8270M
Lab ID	QC090518-SBS		
File ID:	E060233.D	Matrix:	Soil
		Preservation:	None
Date Sampled:	NA	Decanted:	None
Date Received:	NA		
Date Prepared:	5/18/2009	Sample Size (g):	4.00
Date Cleanup:	NA	Percent Solid:	100.0%
Date Analyzed:	6/4/2009	Extract Volume (µl):	2000
Instrument:	EI Camino	Prep DF:	1
Operator:	ERL	Analysis DF:	1
		Injection Volume (µl):	1.00
Batch QC:	QC090518-SB		

Analyte	Concentration (mg/kg dry wt.)		RL	EDL	Comments	
C1 - Phenanthrene/Anthracene		U	0.003	0.001		
C2 - Phenanthrene/Anthracene		U	0.003	0.001		
C3 - Phenanthrene/Anthracene		U	0.003	0.001		
C4 - Phenanthrene/Anthracene		U	0.003	0.001		
Dibenzothiophene	2.50	2.17	0.003	0.001	87	
C1 - Dibenzothiophene		U	0.003	0.001		
C2 - Dibenzothiophene		U	0.003	0.001		
C3 - Dibenzothiophene		U	0.003	0.001		
C4 - Dibenzothiophene		U	0.003	0.001		
Benzo(b)naphtho(2,1-d)thiophene		U	0.003	0.001		
Fluoranthene	2.50	2.16	0.003	0.001	86	
Pyrene	2.50	2.14	0.003	0.001	86	
C1 - Fluoranthene/Pyrene		U	0.003	0.001		
C2 - Fluoranthene/Pyrene		U	0.003	0.001		
C3 - Fluoranthene/Pyrene		U	0.003	0.001		
Benz[a]anthracene	2.50	2.17	0.003	0.001	87	
Chrysene*	2.50	2.1	B	0.003	0.001	84
C1 - Benz(a)anthracene/Chrysene		U	0.003	0.001		
C2 - Benz(a)anthracene/Chrysene		U	0.003	0.001		
C3 - Benz(a)anthracene/Chrysene		U	0.003	0.001		
C4 - Benz(a)anthracene/Chrysene		U	0.003	0.001		
Benzo[b]fluoranthene	2.50	2.21	0.003	0.001	88	
Benzo[j/k]fluoranthene	2.50	2.3	0.003	0.001	92	
Benzo(e)pyrene	2.50	2.06	0.003	0.001	82	
Benzo[a]pyrene	2.50	2.35	0.003	0.001	94	
Perylene		U	0.003	0.001		
Indeno[1,2,3-cd]pyrene	2.50	2.16	B	0.003	0.001	86
Dibenz[a,h]anthracene	2.50	2.22	0.003	0.001	89	
Benzo[g,h,i]perylene	2.50	2.09	B	0.003	0.001	84
Coronene		U	0.003	0.001		
Retene		U	0.003	0.001		
Benzo(b/c)fluorenes		U	0.003	0.001		
2-Methylpyrene		U	0.003	0.001		
4-Methylpyrene		U	0.003	0.001		
1-Methylpyrene		U	0.003	0.001		
Heptadecane		U	0.003	0.001		
Pristane		U	0.003	0.001		
Octadecane		U	0.003	0.001		
Phytane		U	0.003	0.001		

Analytical Results for Volatile and Semivolatile Organics
META Environmental, Inc.

Field ID: Soil Blank Spike

Client:	Parsons	Preparation Method:	EPA 3570
Project:	Con Edison - Farrington	Cleanup Method(s):	NA
		Analysis Method:	EPA 8270M
Lab ID	QC090518-SBS		
File ID:	E060233.D	Matrix:	Soil
		Preservation:	None
Date Sampled:	NA	Decanted:	None
Date Received:	NA		
Date Prepared:	5/18/2009	Sample Size (g):	4.00
Date Cleanup:	NA	Percent Solid:	100.0%
Date Analyzed:	6/4/2009	Extract Volume (µl):	2000
Instrument:	EI Camino	Prep DF:	1
Operator:	ERL	Analysis DF:	1
		Injection Volume (µl):	1.00
Batch QC:	QC090518-SB		

Analyte	Concentration (mg/kg dry wt.)	RL	EDL	Comments
2,6,10-trimethyldodecane	U	0.003	0.001	
2,6,10-trimethyltridecane	U	0.003	0.001	
Norpristane	U	0.003	0.001	
Tetraethyl lead	U	0.003	0.001	

Extraction Surrogate Recoveries (%)

		Limits
Toluene-d8	85	50 - 120
Phenanthrene-d10	96	50 - 120
Benzo[a]pyrene-d12	90	50 - 120
Perylene-d12	100	50 - 120

NA - Not applicable.

B - Analyte detected in the Blank.

J - Estimated value; detected between the RL and DL.

U - Analyte not detected above DL.

D - Analyte reported from a diluted extract.

E - Estimate, result detected above calibration range.

I - Concentration/Peak ID uncertain due to potential interference.

RL - Reporting limit is the sample equivalent of the lowest linear calibration concentration.

EDL - Estimated detection limit is 50% of RL.

* - Triphenylene is known to coelute with this compound.

Analytical Results for Volatile and Semivolatile Organics
META Environmental, Inc.

Field ID: Duplicate of MW -16 (14-16)

Client:	Parsons	Preparation Method:	EPA 3570
Project:	Con Edison - Farrington	Cleanup Method(s):	NA
		Analysis Method:	EPA 8270M
Lab ID	PA090514-01DUP-D		
File ID:	E060235.D	Matrix:	Soil
		Preservation:	None
Date Sampled:	5/12/2009	Decanted:	None
Date Received:	5/14/2009		
Date Prepared:	5/18/2009	Sample Size (g):	4.33
Date Cleanup:	NA	Percent Solid:	84.4%
Date Analyzed:	6/4/2009	Extract Volume (µl):	2000
Instrument:	EI Camino	Prep DF:	1
Operator:	ERL	Analysis DF:	10
		Injection Volume (µl):	1.00
Batch QC:	QC090518-SB		

Analyte	Concentration (mg/kg dry wt.)	RL	EDL	Comments
MAH & PAH COMPOUNDS:				RPD
Benzene	11.6 B	0.027	0.014	26.3
Toluene	5.4 B	0.027	0.014	59.6
Ethylbenzene	34.2	0.027	0.014	2.1
m/p-Xylenes	17.3 B	0.027	0.014	23.9
Styrene	5.75 B	0.027	0.014	17
o-Xylene	11.9	0.027	0.014	2.6
Isopropylbenzene	8.52	0.027	0.014	9.1
n-Propylbenzene	4.09	0.027	0.014	7.3
1,3,5-Trimethylbenzene	7.2	0.027	0.014	3.9
1,2,4-Trimethylbenzene	44.7	0.027	0.014	10.8
t-Butylbenzene	U	0.027	0.014	NA
sec-Butylbenzene	0.424	0.027	0.014	10.9
p-Isopropyltoluene	4.24	0.027	0.014	9
n-Butylbenzene	U	0.027	0.014	NA
C1 - Benzene	3.16 B	0.027	0.014	58
C2 - Benzene	25.2	0.027	0.014	8.3
C3 - Benzene	40.5	0.027	0.014	9.2
C4 - Benzene	25.6	0.027	0.014	13.1
C5 - Benzene	13.5	0.027	0.014	13.1
trans-Decalin	2.69	0.027	0.014	11.9
cis-Decalin	0.419	0.027	0.014	NA
Naphthalene	300 D	0.027	0.014	5.8
2-Methylnaphthalene	200 D	0.027	0.014	8.6
1-Methylnaphthalene	120 D	0.027	0.014	10.3
C1 - Naphthalene	188 D	0.027	0.014	8.7
C2 - Naphthalene	70.8	0.027	0.014	11.6
C3- Naphthalene	31.1	0.027	0.014	11.2
C4- Naphthalene	12.2	0.027	0.014	10.9
Acenaphthylene	7.98	0.027	0.014	0.9
Acenaphthene	45.2	0.027	0.014	11.5
Dibenzofuran	3.45	0.027	0.014	11
Fluorene	26.1	0.027	0.014	11.6
C1 - Fluorene	16.4	0.027	0.014	8.7
C2 - Fluorene	12.4	0.027	0.014	6.2
C3 - Fluorene	7.88	0.027	0.014	18
Phenanthrene	69.2	0.027	0.014	10.5
Anthracene	20.9	0.027	0.014	8.3

Analytical Results for Volatile and Semivolatile Organics
META Environmental, Inc.

Field ID: Duplicate of MW -16 (14-16)

Client:	Parsons	Preparation Method:	EPA 3570
Project:	Con Edison - Farrington	Cleanup Method(s):	NA
		Analysis Method:	EPA 8270M
Lab ID	PA090514-01DUP-D		
File ID:	E060235.D	Matrix:	Soil
		Preservation:	None
Date Sampled:	5/12/2009	Decanted:	None
Date Received:	5/14/2009		
Date Prepared:	5/18/2009	Sample Size (g):	4.33
Date Cleanup:	NA	Percent Solid:	84.4%
Date Analyzed:	6/4/2009	Extract Volume (µl):	2000
Instrument:	EI Camino	Prep DF:	1
Operator:	ERL	Analysis DF:	10
		Injection Volume (µl):	1.00
Batch QC:	QC090518-SB		

Analyte	Concentration (mg/kg dry wt.)	RL	EDL	Comments
C1 - Phenanthrene/Anthracene	50.7	0.027	0.014	11
C2 - Phenanthrene/Anthracene	26.4	0.027	0.014	11.4
C3 - Phenanthrene/Anthracene	9.87	0.027	0.014	10.8
C4 - Phenanthrene/Anthracene	3.06	0.027	0.014	4
Dibenzothiophene	7.94	0.027	0.014	11
C1 - Dibenzothiophene	10.2	0.027	0.014	10.2
C2 - Dibenzothiophene	9.3	0.027	0.014	14
C3 - Dibenzothiophene	5.41	0.027	0.014	10.7
C4 - Dibenzothiophene	2.0	0.027	0.014	18.6
Benzo(b)naphtho(2,1-d)thiophene	2.06	0.027	0.014	11.9
Fluoranthene	22.2	0.027	0.014	10.7
Pyrene	30.4	0.027	0.014	11.2
C1 - Fluoranthene/Pyrene	26.7	0.027	0.014	10
C2 - Fluoranthene/Pyrene	9.19	0.027	0.014	12.4
C3 - Fluoranthene/Pyrene	2.83	0.027	0.014	15.2
Benz[a]anthracene	13.0	0.027	0.014	10.2
Chrysene*	12.1 B	0.027	0.014	10.2
C1 - Benz(a)anthracene/Chrysene	9.42	0.027	0.014	8
C2 - Benz(a)anthracene/Chrysene	3.22	0.027	0.014	13.9
C3 - Benz(a)anthracene/Chrysene	0.748	0.027	0.014	3.2
C4 - Benz(a)anthracene/Chrysene	U	0.027	0.014	NA
Benzo[b]fluoranthene	4.05	0.027	0.014	11.8
Benzo[j/k]fluoranthene	5.59	0.027	0.014	11.9
Benzo(e)pyrene	4.3	0.027	0.014	11.6
Benzo[a]pyrene	8.88	0.027	0.014	9.9
Perylene	1.32	0.027	0.014	8.7
Indeno[1,2,3-cd]pyrene	2.76 B	0.027	0.014	12.6
Dibenz[a,h]anthracene	0.988	0.027	0.014	17.7
Benzo[g,h,i]perylene	3.32 B	0.027	0.014	10.3
Coronene	0.898	0.027	0.014	10.6
Retene	U	0.027	0.014	NA
Benzo(b/c)fluorenes	4.07	0.027	0.014	14.8
2-Methylpyrene	3.9	0.027	0.014	14.7
4-Methylpyrene	3.05	0.027	0.014	9.4
1-Methylpyrene	3.98	0.027	0.014	8
Heptadecane	U	0.027	0.014	NA
Pristane	35.1	0.027	0.014	12.6
Octadecane	U	0.027	0.014	NA
Phytane	27.1	0.027	0.014	10.5

Analytical Results for Volatile and Semivolatile Organics
META Environmental, Inc.

Field ID: Duplicate of MW -16 (14-16)

Client:	Parsons	Preparation Method:	EPA 3570
Project:	Con Edison - Farrington	Cleanup Method(s):	NA
		Analysis Method:	EPA 8270M
Lab ID	PA090514-01DUP-D		
File ID:	E060235.D	Matrix:	Soil
		Preservation:	None
Date Sampled:	5/12/2009	Decanted:	None
Date Received:	5/14/2009		
Date Prepared:	5/18/2009	Sample Size (g):	4.33
Date Cleanup:	NA	Percent Solid:	84.4%
Date Analyzed:	6/4/2009	Extract Volume (µl):	2000
Instrument:	EI Camino	Prep DF:	1
Operator:	ERL	Analysis DF:	10
		Injection Volume (µl):	1.00
Batch QC:	QC090518-SB		

Analyte	Concentration (mg/kg dry wt.)	RL	EDL	Comments
2,6,10-trimethyldodecane	21.8	0.027	0.014	12.5
2,6,10-trimethyltridecane	20.6	0.027	0.014	12.3
Norpristane	18.8	0.027	0.014	14.3
Tetraethyl lead	U	0.027	0.014	NA
Total PAH (16)	573	0.027	0.014	8
Total PAH (42)	910	0.027	0.014	9

Extraction Surrogate Recoveries (%)

		Limits
Toluene-d8	43	50 - 120
Phenanthrene-d10	52	50 - 120
Benzo[a]pyrene-d12	48	50 - 120
Perylene-d12	66	50 - 120

NA - Not applicable.

B - Analyte detected in the Blank.

J - Estimated value; detected between the RL and DL.

U - Analyte not detected above DL.

D - Analyte reported from a diluted extract.

E - Estimate, result detected above calibration range.

I - Concentration/Peak ID uncertain due to potential interference.

RL - Reporting limit is the sample equivalent of the lowest linear calibration concentration.

EDL - Estimated detection limit is 50% of RL.

* - Triphenylene is known to coelute with this compound.

Analytical Results for Volatile and Semivolatile Organics
META Environmental, Inc.

Field ID: Soil Blank

Client:	Parsons	Preparation Method:	EPA 3570
Project:	Con Edison - Farrington	Cleanup Method(s):	NA
Lab ID	QC090522-SB	Analysis Method:	EPA 8270M
File ID:	E060230.D	Matrix:	Soil
Date Sampled:	NA	Preservation:	None
Date Received:	NA	Decanted:	None
Date Prepared:	5/22/2009	Sample Size (g):	4.00
Date Cleanup:	NA	Percent Solid:	100.0%
Date Analyzed:	6/4/2009	Extract Volume (µl):	2000
Instrument:	EI Camino	Prep DF:	1
Operator:	ERL	Analysis DF:	1
Batch QC:	QC090522-SB	Injection Volume (µl):	1.00

Analyte	Concentration (mg/kg dry wt.)	RL	EDL	Comments
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MAH & PAH COMPOUNDS:

Benzene	0.003 J	0.003	0.001	
Toluene	0.014	0.003	0.001	
Ethylbenzene	0.001 J	0.003	0.001	
m/p-Xylenes	0.003 J	0.003	0.001	
Styrene	0.002 J	0.003	0.001	
o-Xylene	0.001 J	0.003	0.001	
Isopropylbenzene	U	0.003	0.001	
n-Propylbenzene	U	0.003	0.001	
1,3,5-Trimethylbenzene	U	0.003	0.001	
1,2,4-Trimethylbenzene	U	0.003	0.001	
t-Butylbenzene	U	0.003	0.001	
sec-Butylbenzene	U	0.003	0.001	
p-Isopropyltoluene	U	0.003	0.001	
n-Butylbenzene	U	0.003	0.001	
C1 - Benzene	0.008	0.003	0.001	
C2 - Benzene	0.002 J	0.003	0.001	
C3 - Benzene	U	0.003	0.001	
C4 - Benzene	U	0.003	0.001	
C5 - Benzene	U	0.003	0.001	
trans-Decalin	U	0.003	0.001	
cis-Decalin	U	0.003	0.001	
Naphthalene	0.002 J	0.003	0.001	
2-Methylnaphthalene	0.001 J	0.003	0.001	
1-Methylnaphthalene	0.001 J	0.003	0.001	
C1 - Naphthalene	0.002 J	0.003	0.001	
C2 - Naphthalene	U	0.003	0.001	
C3- Naphthalene	U	0.003	0.001	
C4- Naphthalene	U	0.003	0.001	
Acenaphthylene	U	0.003	0.001	
Acenaphthene	0.002 J	0.003	0.001	
Dibenzofuran	U	0.003	0.001	
Fluorene	0.001 J	0.003	0.001	
C1 - Fluorene	U	0.003	0.001	
C2 - Fluorene	U	0.003	0.001	
C3 - Fluorene	U	0.003	0.001	
Phenanthrene	0.002 J	0.003	0.001	
Anthracene	U	0.003	0.001	

Analytical Results for Volatile and Semivolatile Organics
META Environmental, Inc.

Field ID: Soil Blank

Client:	Parsons	Preparation Method:	EPA 3570
Project:	Con Edison - Farrington	Cleanup Method(s):	NA
		Analysis Method:	EPA 8270M
Lab ID	QC090522-SB		
File ID:	E060230.D	Matrix:	Soil
		Preservation:	None
Date Sampled:	NA	Decanted:	None
Date Received:	NA		
Date Prepared:	5/22/2009	Sample Size (g):	4.00
Date Cleanup:	NA	Percent Solid:	100.0%
Date Analyzed:	6/4/2009	Extract Volume (µl):	2000
Instrument:	EI Camino	Prep DF:	1
Operator:	ERL	Analysis DF:	1
		Injection Volume (µl):	1.00
Batch QC:	QC090522-SB		

Analyte	Concentration (mg/kg dry wt.)	RL	EDL	Comments
C1 - Phenanthrene/Anthracene	U	0.003	0.001	
C2 - Phenanthrene/Anthracene	U	0.003	0.001	
C3 - Phenanthrene/Anthracene	U	0.003	0.001	
C4 - Phenanthrene/Anthracene	U	0.003	0.001	
Dibenzothiophene	U	0.003	0.001	
C1 - Dibenzothiophene	U	0.003	0.001	
C2 - Dibenzothiophene	U	0.003	0.001	
C3 - Dibenzothiophene	U	0.003	0.001	
C4 - Dibenzothiophene	U	0.003	0.001	
Benzo(b)naphtho(2,1-d)thiophene	U	0.003	0.001	
Fluoranthene	0.001 J	0.003	0.001	
Pyrene	0.001 J	0.003	0.001	
C1 - Fluoranthene/Pyrene	U	0.003	0.001	
C2 - Fluoranthene/Pyrene	U	0.003	0.001	
C3 - Fluoranthene/Pyrene	U	0.003	0.001	
Benz[a]anthracene	U	0.003	0.001	
Chrysene*	U	0.003	0.001	
C1 - Benz(a)anthracene/Chrysene	U	0.003	0.001	
C2 - Benz(a)anthracene/Chrysene	U	0.003	0.001	
C3 - Benz(a)anthracene/Chrysene	U	0.003	0.001	
C4 - Benz(a)anthracene/Chrysene	U	0.003	0.001	
Benzo[b]fluoranthene	U	0.003	0.001	
Benzo[j/k]fluoranthene	U	0.003	0.001	
Benzo(e)pyrene	U	0.003	0.001	
Benzo[a]pyrene	U	0.003	0.001	
Perylene	U	0.003	0.001	
Indeno[1,2,3-cd]pyrene	U	0.003	0.001	
Dibenz[a,h]anthracene	U	0.003	0.001	
Benzo[g,h,i]perylene	U	0.003	0.001	
Coronene	U	0.003	0.001	
Retene	U	0.003	0.001	
Benzo(b/c)fluorenes	U	0.003	0.001	
2-Methylpyrene	U	0.003	0.001	
4-Methylpyrene	U	0.003	0.001	
1-Methylpyrene	U	0.003	0.001	
Heptadecane	U	0.003	0.001	
Pristane	U	0.003	0.001	
Octadecane	U	0.003	0.001	
Phytane	U	0.003	0.001	

Analytical Results for Volatile and Semivolatile Organics
META Environmental, Inc.

Field ID: Soil Blank

Client:	Parsons	Preparation Method:	EPA 3570
Project:	Con Edison - Farrington	Cleanup Method(s):	NA
Lab ID	QC090522-SB	Analysis Method:	EPA 8270M
File ID:	E060230.D	Matrix:	Soil
Date Sampled:	NA	Preservation:	None
Date Received:	NA	Decanted:	None
Date Prepared:	5/22/2009	Sample Size (g):	4.00
Date Cleanup:	NA	Percent Solid:	100.0%
Date Analyzed:	6/4/2009	Extract Volume (µl):	2000
Instrument:	EI Camino	Prep DF:	1
Operator:	ERL	Analysis DF:	1
Batch QC:	QC090522-SB	Injection Volume (µl):	1.00

Analyte	Concentration (mg/kg dry wt.)	RL	EDL	Comments
2,6,10-trimethyldodecane	U	0.003	0.001	
2,6,10-trimethyltridecane	U	0.003	0.001	
Norpristane	U	0.003	0.001	
Tetraethyl lead	U	0.003	0.001	
Total PAH (16)	0.009	0.003	0.001	
Total PAH (42)	0.011	0.003	0.001	

Extraction Surrogate Recoveries (%)		Limits
Toluene-d8	99	50 - 120
Phenanthrene-d10	92	50 - 120
Benzo[a]pyrene-d12	79	50 - 120
Perylene-d12	103	50 - 120

NA - Not applicable.

B - Analyte detected in the Blank.

J - Estimated value; detected between the RL and DL.

U - Analyte not detected above DL.

D - Analyte reported from a diluted extract.

E - Estimate, result detected above calibration range.

I - Concentration/Peak ID uncertain due to potential interference.

RL - Reporting limit is the sample equivalent of the lowest linear calibration concentration.

EDL - Estimated detection limit is 50% of RL.

* - Triphenylene is known to coelute with this compound.

Analytical Results for Volatile and Semivolatile Organics
META Environmental, Inc.

Field ID: Soil Blank Spike

Client:	Parsons	Preparation Method:	EPA 3570
Project:	Con Edison - Farrington	Cleanup Method(s):	NA
Lab ID	QC090522-SBS	Analysis Method:	EPA 8270M
File ID:	E060232.D	Matrix:	Soil
Date Sampled:	NA	Preservation:	None
Date Received:	NA	Decanted:	None
Date Prepared:	5/22/2009	Sample Size (g):	4.00
Date Cleanup:	NA	Percent Solid:	100.0%
Date Analyzed:	6/4/2009	Extract Volume (µl):	2000
Instrument:	EI Camino	Prep DF:	1
Operator:	ERL	Analysis DF:	1
Batch QC:	QC090522-SB	Injection Volume (µl):	1.00

Analyte	Concentration (mg/kg dry wt.)		RL	EDL	Comments
MAH & PAH COMPOUNDS:	Spike Amount				% Recovery
Benzene	2.50	2.04 B	0.003	0.001	82
Toluene	2.50	2.22 B	0.003	0.001	89
Ethylbenzene	2.50	2.25 B	0.003	0.001	90
m/p-Xylenes	2.50	2.23 B	0.003	0.001	89
Styrene	2.50	2.23 B	0.003	0.001	89
o-Xylene	2.50	2.22 B	0.003	0.001	89
Isopropylbenzene	2.50	2.26	0.003	0.001	90
n-Propylbenzene	2.50	2.25	0.003	0.001	90
1,3,5-Trimethylbenzene	2.50	2.18	0.003	0.001	87
1,2,4-Trimethylbenzene	2.50	2.22	0.003	0.001	89
t-Butylbenzene		U	0.003	0.001	
sec-Butylbenzene	2.50	1.99	0.003	0.001	80
p-Isopropyltoluene	2.50	2.06	0.003	0.001	82
n-Butylbenzene	2.50	2.06	0.003	0.001	82
C1 - Benzene		BU	0.003	0.001	
C2 - Benzene		BU	0.003	0.001	
C3 - Benzene		U	0.003	0.001	
C4 - Benzene		U	0.003	0.001	
C5 - Benzene		U	0.003	0.001	
trans-Decalin		U	0.003	0.001	
cis-Decalin		U	0.003	0.001	
Naphthalene	2.50	2.06 B	0.003	0.001	82
2-Methylnaphthalene	2.50	2.05 B	0.003	0.001	82
1-Methylnaphthalene	2.50	2.06 B	0.003	0.001	82
C1 - Naphthalene		BU	0.003	0.001	
C2 - Naphthalene		U	0.003	0.001	
C3- Naphthalene		U	0.003	0.001	
C4- Naphthalene		U	0.003	0.001	
Acenaphthylene	2.50	2.46	0.003	0.001	98
Acenaphthene	2.50	2.37 B	0.003	0.001	95
Dibenzofuran	2.50	2.75	0.003	0.001	110
Fluorene	2.50	2.68 B	0.003	0.001	107
C1 - Fluorene		U	0.003	0.001	
C2 - Fluorene		U	0.003	0.001	
C3 - Fluorene		U	0.003	0.001	
Phenanthrene	2.50	2.38 B	0.003	0.001	95
Anthracene	2.50	2.14	0.003	0.001	86

Analytical Results for Volatile and Semivolatile Organics
META Environmental, Inc.

Field ID: Soil Blank Spike

Client:	Parsons	Preparation Method:	EPA 3570
Project:	Con Edison - Farrington	Cleanup Method(s):	NA
		Analysis Method:	EPA 8270M
Lab ID	QC090522-SBS		
File ID:	E060232.D	Matrix:	Soil
		Preservation:	None
Date Sampled:	NA	Decanted:	None
Date Received:	NA		
Date Prepared:	5/22/2009	Sample Size (g):	4.00
Date Cleanup:	NA	Percent Solid:	100.0%
Date Analyzed:	6/4/2009	Extract Volume (µl):	2000
Instrument:	EI Camino	Prep DF:	1
Operator:	ERL	Analysis DF:	1
		Injection Volume (µl):	1.00
Batch QC:	QC090522-SB		

Analyte	Concentration (mg/kg dry wt.)		RL	EDL	Comments
C1 - Phenanthrene/Anthracene		U	0.003	0.001	
C2 - Phenanthrene/Anthracene		U	0.003	0.001	
C3 - Phenanthrene/Anthracene		U	0.003	0.001	
C4 - Phenanthrene/Anthracene		U	0.003	0.001	
Dibenzothiophene	2.50	2.35	0.003	0.001	94
C1 - Dibenzothiophene		U	0.003	0.001	
C2 - Dibenzothiophene		U	0.003	0.001	
C3 - Dibenzothiophene		U	0.003	0.001	
C4 - Dibenzothiophene		U	0.003	0.001	
Benzo(b)naphtho(2,1-d)thiophene		U	0.003	0.001	
Fluoranthene	2.50	2.33 B	0.003	0.001	93
Pyrene	2.50	2.29 B	0.003	0.001	92
C1 - Fluoranthene/Pyrene		U	0.003	0.001	
C2 - Fluoranthene/Pyrene		U	0.003	0.001	
C3 - Fluoranthene/Pyrene		U	0.003	0.001	
Benz[a]anthracene	2.50	2.29	0.003	0.001	92
Chrysene*	2.50	2.32	0.003	0.001	93
C1 - Benz(a)anthracene/Chrysene		U	0.003	0.001	
C2 - Benz(a)anthracene/Chrysene		U	0.003	0.001	
C3 - Benz(a)anthracene/Chrysene		U	0.003	0.001	
C4 - Benz(a)anthracene/Chrysene		U	0.003	0.001	
Benzo[b]fluoranthene	2.50	2.34	0.003	0.001	94
Benzo[j/k]fluoranthene	2.50	2.48	0.003	0.001	99
Benzo(e)pyrene	2.50	2.21	0.003	0.001	88
Benzo[a]pyrene	2.50	2.44	0.003	0.001	98
Perylene		U	0.003	0.001	
Indeno[1,2,3-cd]pyrene	2.50	2.3	0.003	0.001	92
Dibenz[a,h]anthracene	2.50	2.35	0.003	0.001	94
Benzo[g,h,i]perylene	2.50	2.22	0.003	0.001	89
Coronene		U	0.003	0.001	
Retene		U	0.003	0.001	
Benzo(b/c)fluorenes		U	0.003	0.001	
2-Methylpyrene		U	0.003	0.001	
4-Methylpyrene		U	0.003	0.001	
1-Methylpyrene		U	0.003	0.001	
Heptadecane		U	0.003	0.001	
Pristane		U	0.003	0.001	
Octadecane		U	0.003	0.001	
Phytane		U	0.003	0.001	

Analytical Results for Volatile and Semivolatile Organics
META Environmental, Inc.

Field ID: Soil Blank Spike

Client:	Parsons	Preparation Method:	EPA 3570
Project:	Con Edison - Farrington	Cleanup Method(s):	NA
Lab ID	QC090522-SBS	Analysis Method:	EPA 8270M
File ID:	E060232.D	Matrix:	Soil
Date Sampled:	NA	Preservation:	None
Date Received:	NA	Decanted:	None
Date Prepared:	5/22/2009	Sample Size (g):	4.00
Date Cleanup:	NA	Percent Solid:	100.0%
Date Analyzed:	6/4/2009	Extract Volume (µl):	2000
Instrument:	EI Camino	Prep DF:	1
Operator:	ERL	Analysis DF:	1
Batch QC:	QC090522-SB	Injection Volume (µl):	1.00

Analyte	Concentration (mg/kg dry wt.)	RL	EDL	Comments
2,6,10-trimethyldodecane	U	0.003	0.001	
2,6,10-trimethyltridecane	U	0.003	0.001	
Norpristane	U	0.003	0.001	
Tetraethyl lead	U	0.003	0.001	

Extraction Surrogate Recoveries (%)

		Limits
Toluene-d8	90	50 - 120
Phenanthrene-d10	101	50 - 120
Benzo[a]pyrene-d12	91	50 - 120
Perylene-d12	105	50 - 120

NA - Not applicable.

B - Analyte detected in the Blank.

J - Estimated value; detected between the RL and DL.

U - Analyte not detected above DL.

D - Analyte reported from a diluted extract.

E - Estimate, result detected above calibration range.

I - Concentration/Peak ID uncertain due to potential interference.

RL - Reporting limit is the sample equivalent of the lowest linear calibration concentration.

EDL - Estimated detection limit is 50% of RL.

* - Triphenylene is known to coelute with this compound.

Analytical Results for Volatile and Semivolatile Organics
META Environmental, Inc.

Field ID: Duplicate of MW-19 (16-18)

Client:	Parsons	Preparation Method:	EPA 3570
Project:	Con Edison - Farrington	Cleanup Method(s):	NA
		Analysis Method:	EPA 8270M
Lab ID	PA090520-01DUP-D		
File ID:	E060237.D	Matrix:	Soil
		Preservation:	None
Date Sampled:	5/18/2009	Decanted:	None
Date Received:	5/20/2009		
Date Prepared:	5/22/2009	Sample Size (g):	4.37
Date Cleanup:	NA	Percent Solid:	86.0%
Date Analyzed:	6/4/2009	Extract Volume (µl):	2000
Instrument:	EI Camino	Prep DF:	1
Operator:	ERL	Analysis DF:	10
		Injection Volume (µl):	1.00
Batch QC:	QC090522-SB		

Analyte	Concentration (mg/kg dry wt.)	RL	EDL	Comments
MAH & PAH COMPOUNDS:				RPD
Benzene	0.085 B	0.027	0.013	1.2
Toluene	0.304 B	0.027	0.013	6.1
Ethylbenzene	40.4 B	0.027	0.013	8.2
m/p-Xylenes	4.92 B	0.027	0.013	11.4
Styrene	1.71 B	0.027	0.013	6.8
o-Xylene	9.7 B	0.027	0.013	9.6
Isopropylbenzene	6.48	0.027	0.013	7.7
n-Propylbenzene	3.43	0.027	0.013	7.6
1,3,5-Trimethylbenzene	9.71	0.027	0.013	7.5
1,2,4-Trimethylbenzene	34.9	0.027	0.013	6.5
t-Butylbenzene	U	0.027	0.013	NA
sec-Butylbenzene	0.634	0.027	0.013	7
p-Isopropyltoluene	4.33	0.027	0.013	6.2
n-Butylbenzene	U	0.027	0.013	NA
C1 - Benzene	0.178 B	0.027	0.013	4
C2 - Benzene	20.9 B	0.027	0.013	9
C3 - Benzene	34.9	0.027	0.013	6.8
C4 - Benzene	35.8	0.027	0.013	6.3
C5 - Benzene	19.8	0.027	0.013	7.3
trans-Decalin	4.12	0.027	0.013	6.8
cis-Decalin	U	0.027	0.013	NA
Naphthalene	314 DB	0.027	0.013	7.3
2-Methylnaphthalene	153 DB	0.027	0.013	8.9
1-Methylnaphthalene	107 DB	0.027	0.013	9.4
C1 - Naphthalene	152 DB	0.027	0.013	8.9
C2 - Naphthalene	110	0.027	0.013	7.5
C3- Naphthalene	55.6	0.027	0.013	7.9
C4- Naphthalene	24.4	0.027	0.013	8.5
Acenaphthylene	11.3	0.027	0.013	4.3
Acenaphthene	97.2 B	0.027	0.013	6.4
Dibenzofuran	8.48	0.027	0.013	6.8
Fluorene	51.3 B	0.027	0.013	7.7
C1 - Fluorene	31.0	0.027	0.013	11.2
C2 - Fluorene	25.6	0.027	0.013	7.7
C3 - Fluorene	16.8	0.027	0.013	1.2
Phenanthrene	136 DB	0.027	0.013	9.2
Anthracene	47.8 D	0.027	0.013	11

Analytical Results for Volatile and Semivolatile Organics
META Environmental, Inc.

Field ID: Duplicate of MW-19 (16-18)

Client:	Parsons	Preparation Method:	EPA 3570
Project:	Con Edison - Farrington	Cleanup Method(s):	NA
		Analysis Method:	EPA 8270M
Lab ID	PA090520-01DUP-D		
File ID:	E060237.D	Matrix:	Soil
		Preservation:	None
Date Sampled:	5/18/2009	Decanted:	None
Date Received:	5/20/2009		
Date Prepared:	5/22/2009	Sample Size (g):	4.37
Date Cleanup:	NA	Percent Solid:	86.0%
Date Analyzed:	6/4/2009	Extract Volume (µl):	2000
Instrument:	EI Camino	Prep DF:	1
Operator:	ERL	Analysis DF:	10
		Injection Volume (µl):	1.00
Batch QC:	QC090522-SB		

Analyte	Concentration (mg/kg dry wt.)	RL	EDL	Comments
C1 - Phenanthrene/Anthracene	109	0.027	0.013	6.6
C2 - Phenanthrene/Anthracene	61.0	0.027	0.013	7.1
C3 - Phenanthrene/Anthracene	22.6	0.027	0.013	8.3
C4 - Phenanthrene/Anthracene	6.2	0.027	0.013	3.9
Dibenzothiophene	14.3	0.027	0.013	7.2
C1 - Dibenzothiophene	18.5	0.027	0.013	7.3
C2 - Dibenzothiophene	18.7	0.027	0.013	8.9
C3 - Dibenzothiophene	11.2	0.027	0.013	9.3
C4 - Dibenzothiophene	4.53	0.027	0.013	4.3
Benzo(b)naphtho(2,1-d)thiophene	5.03	0.027	0.013	7.6
Fluoranthene	52.4 B	0.027	0.013	6.9
Pyrene	67.7 B	0.027	0.013	7.5
C1 - Fluoranthene/Pyrene	65.7	0.027	0.013	5
C2 - Fluoranthene/Pyrene	22.6	0.027	0.013	6.4
C3 - Fluoranthene/Pyrene	6.81	0.027	0.013	12.6
Benz[a]anthracene	33.1	0.027	0.013	7.5
Chrysene*	30.1	0.027	0.013	6.9
C1 - Benz(a)anthracene/Chrysene	23.7	0.027	0.013	8.4
C2 - Benz(a)anthracene/Chrysene	8.45	0.027	0.013	2.3
C3 - Benz(a)anthracene/Chrysene	2.0	0.027	0.013	10
C4 - Benz(a)anthracene/Chrysene	1.04	0.027	0.013	NA
Benzo[b]fluoranthene	11.3	0.027	0.013	9.3
Benzo[j/k]fluoranthene	14.9	0.027	0.013	5.5
Benzo(e)pyrene	11.8	0.027	0.013	7
Benzo[a]pyrene	23.7	0.027	0.013	7
Perylene	3.38	0.027	0.013	6.7
Indeno[1,2,3-cd]pyrene	7.68	0.027	0.013	9.4
Dibenz[a,h]anthracene	2.85	0.027	0.013	9.9
Benzo[g,h,i]perylene	8.89	0.027	0.013	8.2
Coronene	2.72	0.027	0.013	10.4
Retene	U	0.027	0.013	NA
Benzo(b/c)fluorenes	10.5	0.027	0.013	6
2-Methylpyrene	9.73	0.027	0.013	6.8
4-Methylpyrene	7.5	0.027	0.013	2.3
1-Methylpyrene	9.57	0.027	0.013	5.5
Heptadecane	U	0.027	0.013	NA
Pristane	67.1	0.027	0.013	8.2
Octadecane	U	0.027	0.013	NA
Phytane	51.5	0.027	0.013	9.6

Analytical Results for Volatile and Semivolatile Organics
META Environmental, Inc.

Field ID: Duplicate of MW-19 (16-18)

Client:	Parsons	Preparation Method:	EPA 3570
Project:	Con Edison - Farrington	Cleanup Method(s):	NA
		Analysis Method:	EPA 8270M
Lab ID	PA090520-01DUP-D		
File ID:	E060237.D	Matrix:	Soil
		Preservation:	None
Date Sampled:	5/18/2009	Decanted:	None
Date Received:	5/20/2009		
Date Prepared:	5/22/2009	Sample Size (g):	4.37
Date Cleanup:	NA	Percent Solid:	86.0%
Date Analyzed:	6/4/2009	Extract Volume (µl):	2000
Instrument:	EI Camino	Prep DF:	1
Operator:	ERL	Analysis DF:	10
		Injection Volume (µl):	1.00
Batch QC:	QC090522-SB		

Analyte	Concentration (mg/kg dry wt.)	RL	EDL	Comments
2,6,10-trimethyldodecane	40.1	0.027	0.013	6.2
2,6,10-trimethyltridecane	38.8	0.027	0.013	6.9
Norpristane	35.6	0.027	0.013	6.7
Tetraethyl lead	U	0.027	0.013	NA
Total PAH (16)	910	0.027	0.013	7.5
Total PAH (42)	1,590	0.027	0.013	7.2

Extraction Surrogate Recoveries (%)

		Limits
Toluene-d8	77	50 - 120
Phenanthrene-d10	104	50 - 120
Benzo[a]pyrene-d12	95	50 - 120
Perylene-d12	140	50 - 120

NA - Not applicable.

B - Analyte detected in the Blank.

J - Estimated value; detected between the RL and DL.

U - Analyte not detected above DL.

D - Analyte reported from a diluted extract.

E - Estimate, result detected above calibration range.

I - Concentration/Peak ID uncertain due to potential interference.

RL - Reporting limit is the sample equivalent of the lowest linear calibration concentration.

EDL - Estimated detection limit is 50% of RL.

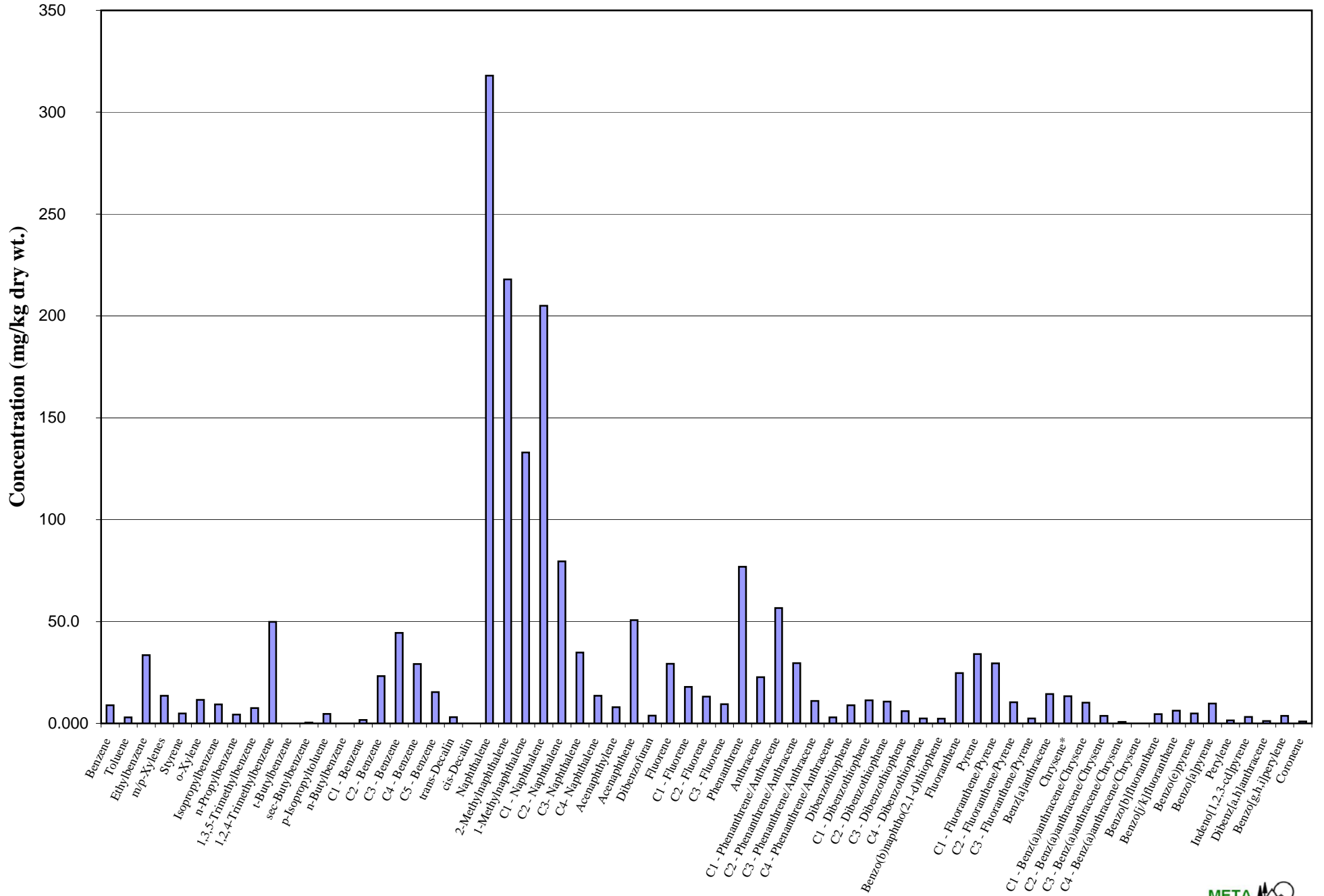
* - Triphenylene is known to coelute with this compound.

Appendix D

Extended MAH/PAH Profiles – Histograms

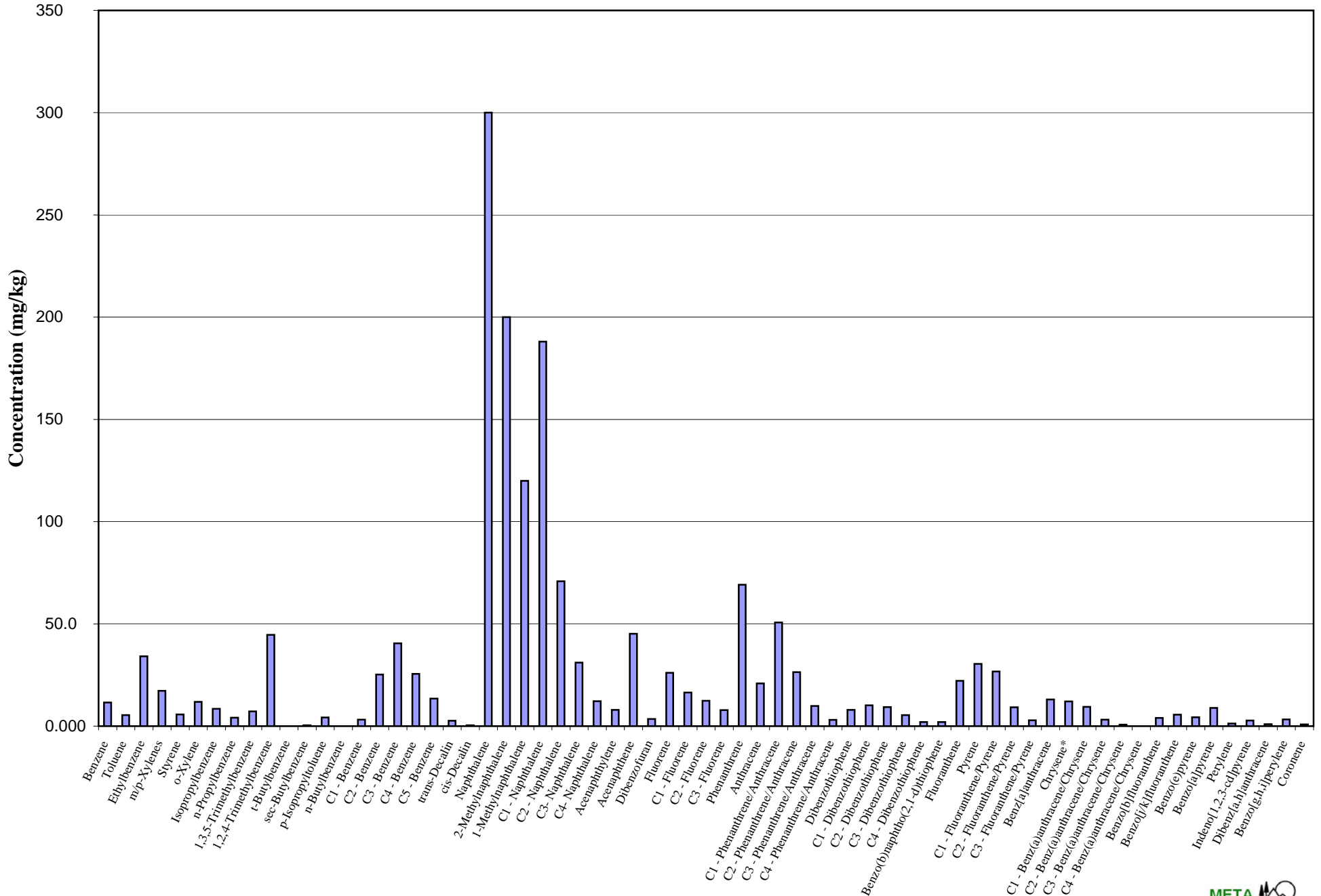
MW-16 (14-16)

PA090514-01-D



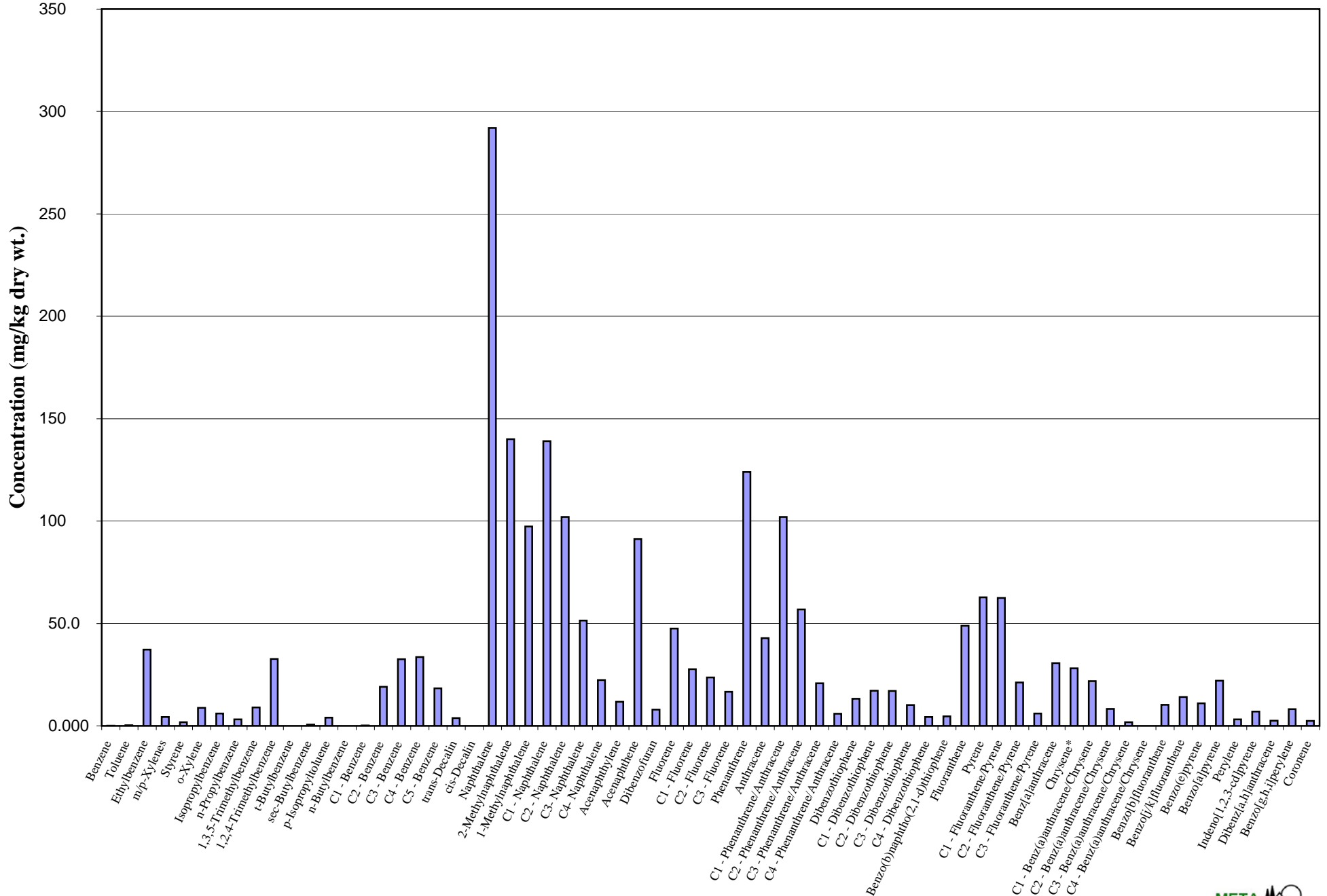
Duplicate of MW -16 (14-16)

PA090514-01DUP-D



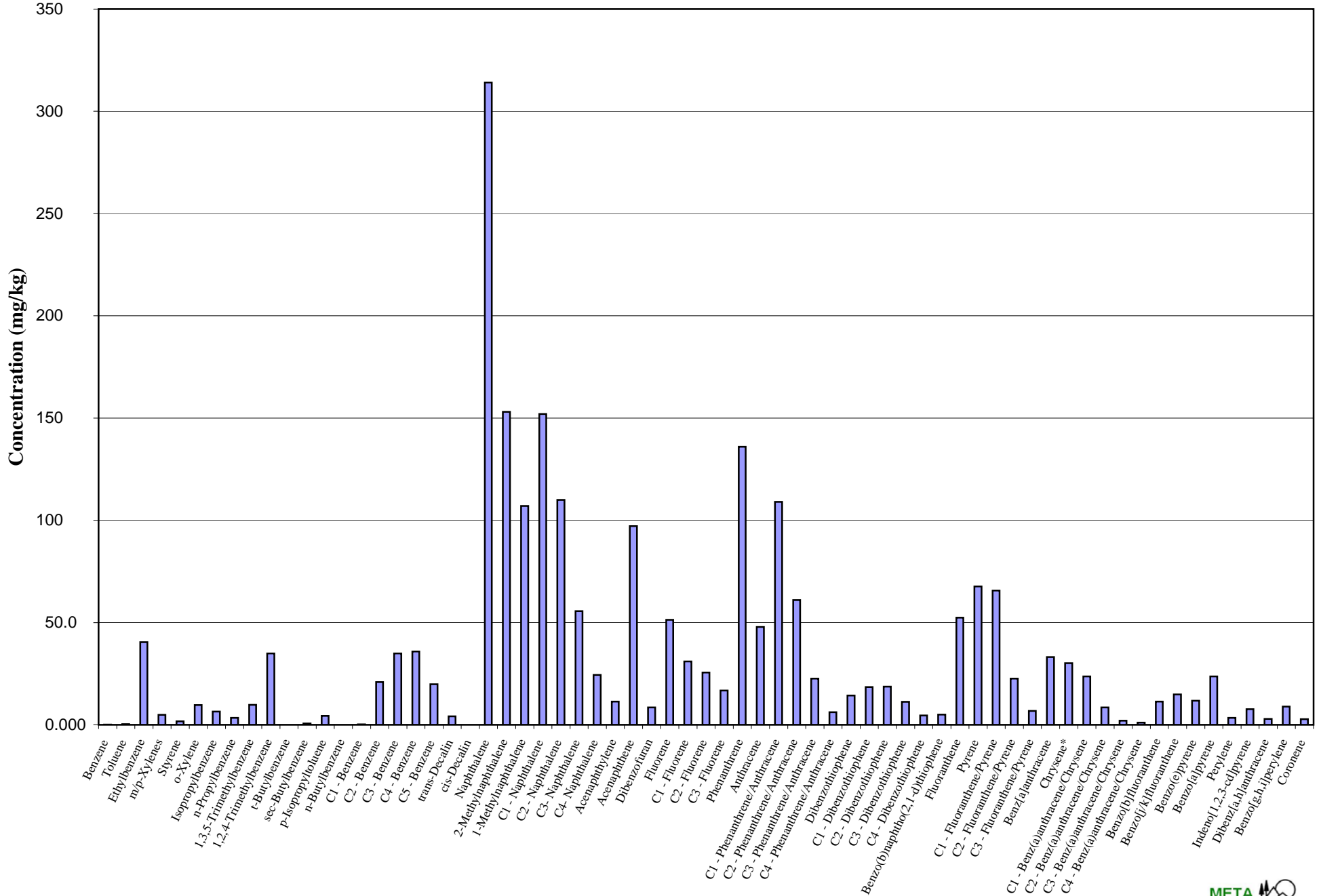
MW-19 (16-18)

PA090520-01-D



Duplicate of MW-19 (16-18)

PA090520-01DUP-D

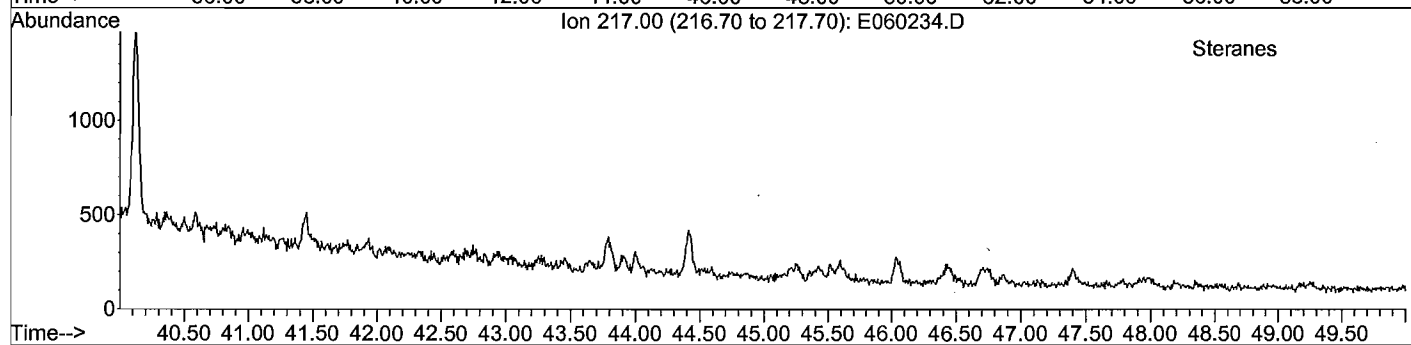
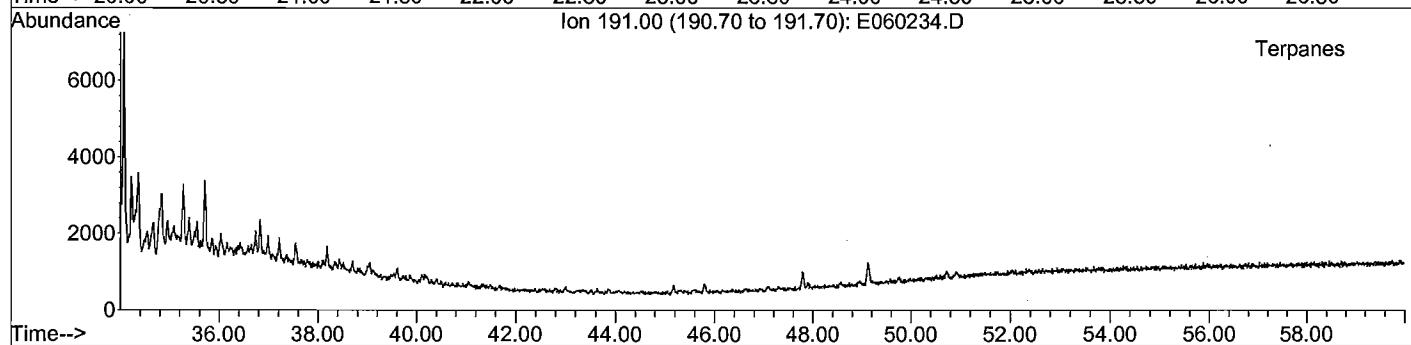
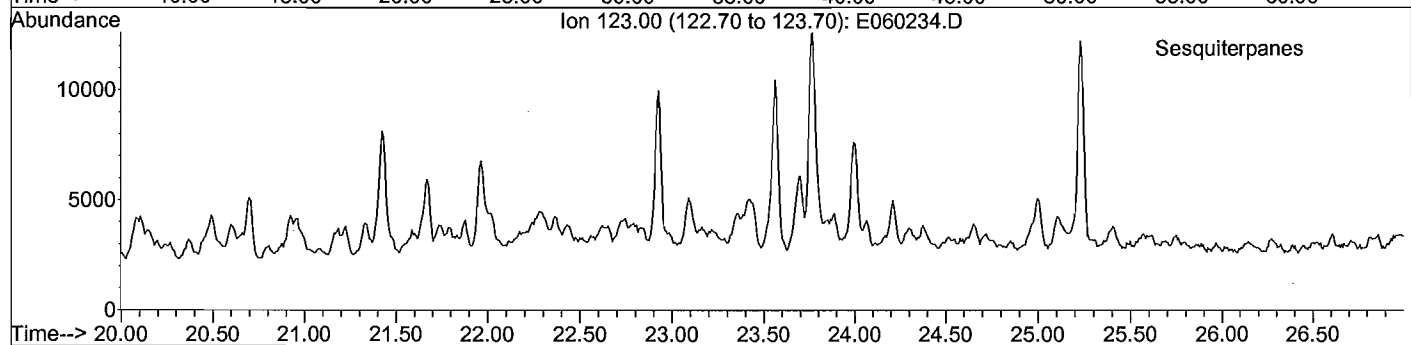
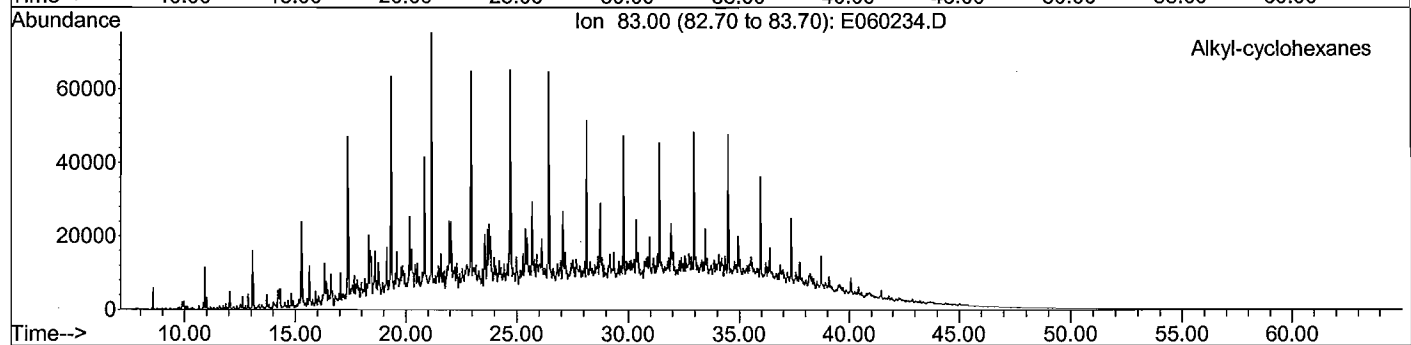
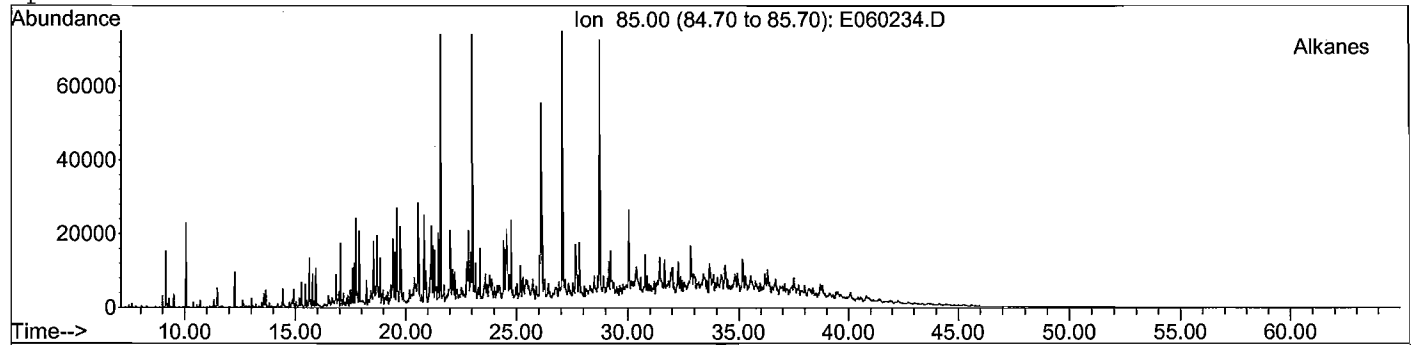


Appendix E

Extracted Ion Current Profiles (EICPs)

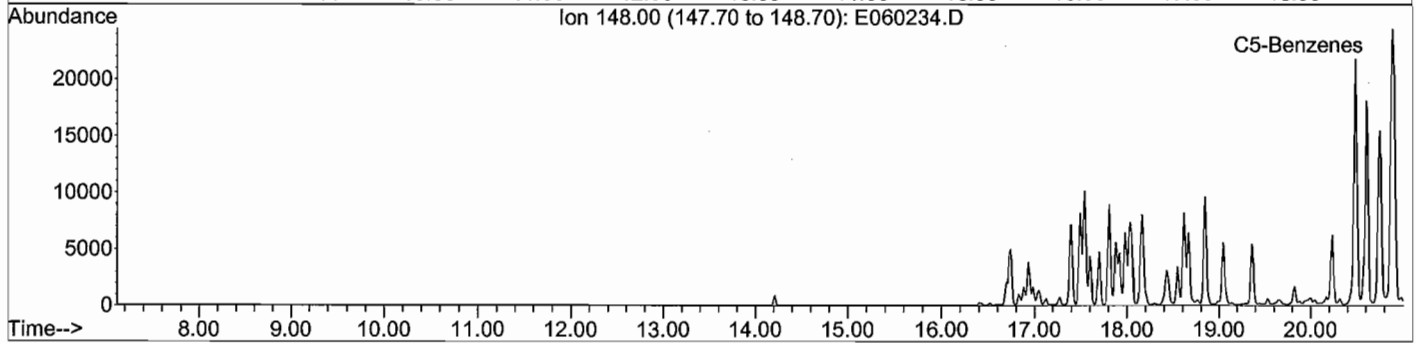
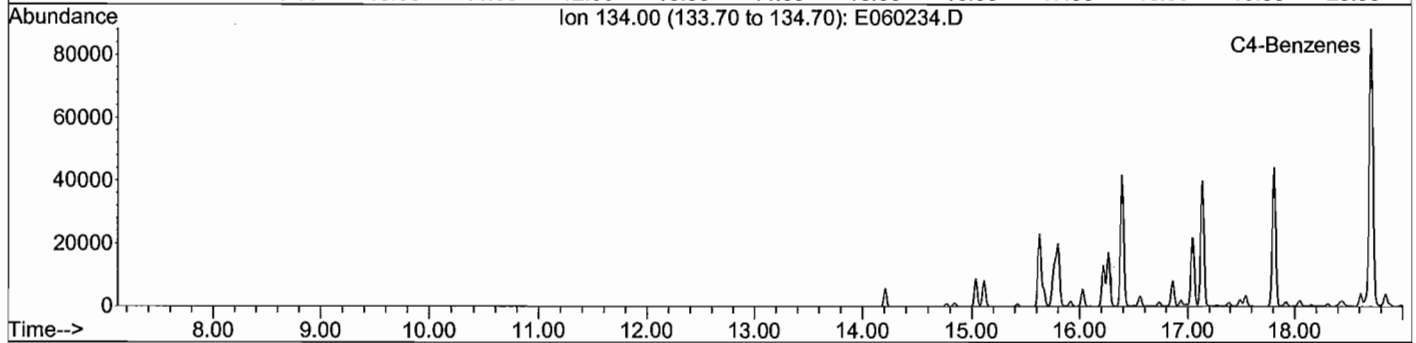
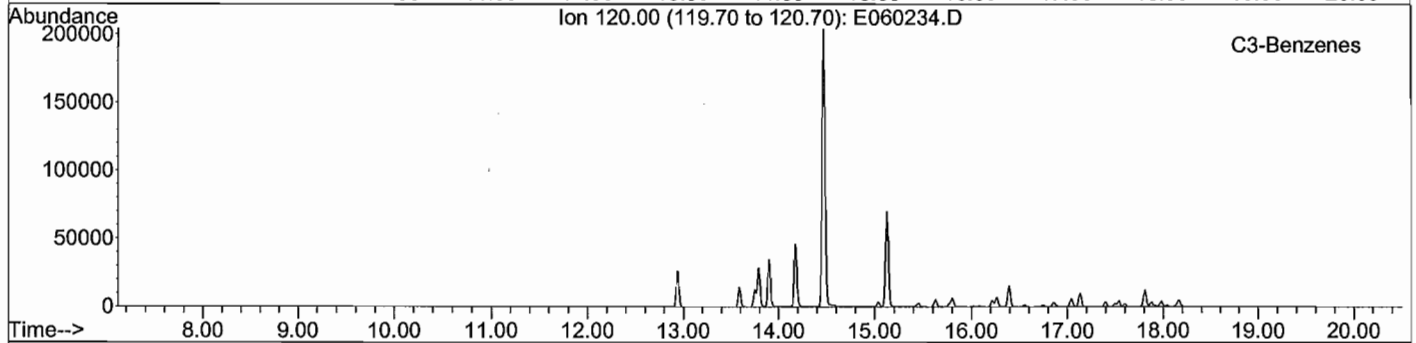
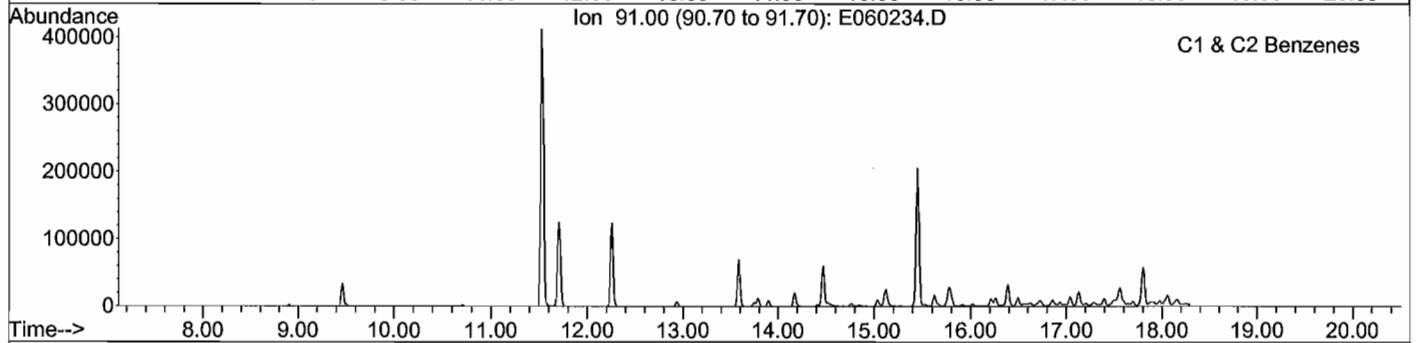
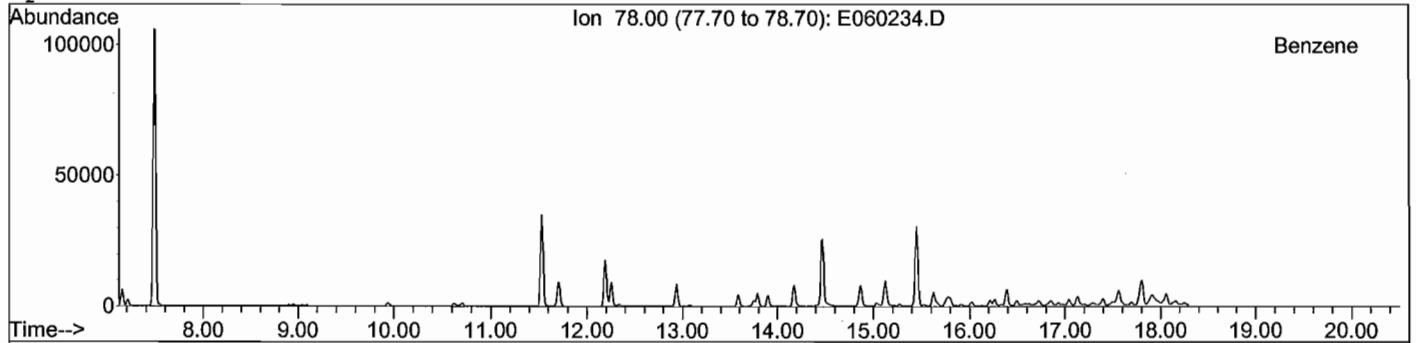
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 Method File: 4008SIMD.M
 Sample Name: PA090514-01-D
 Misc Info: MW-16 (14-16) 10x
 Operator: ERL



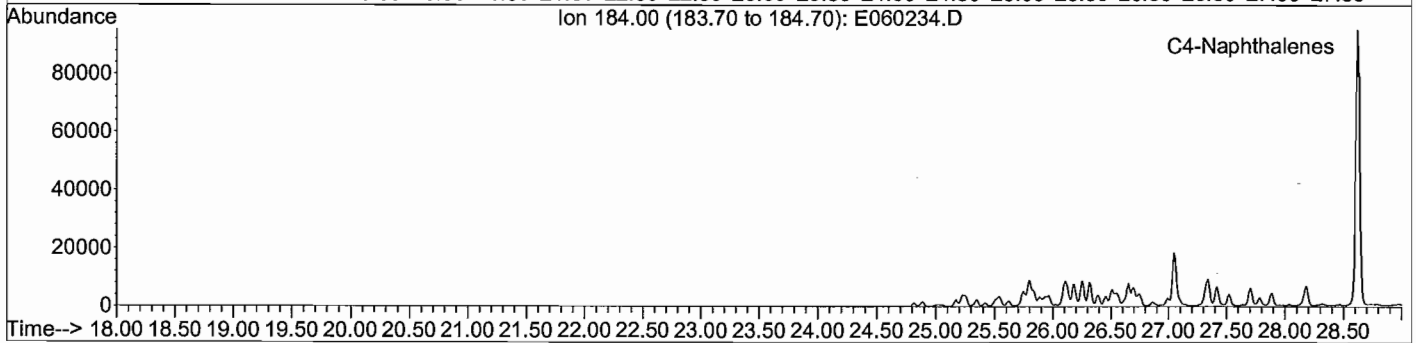
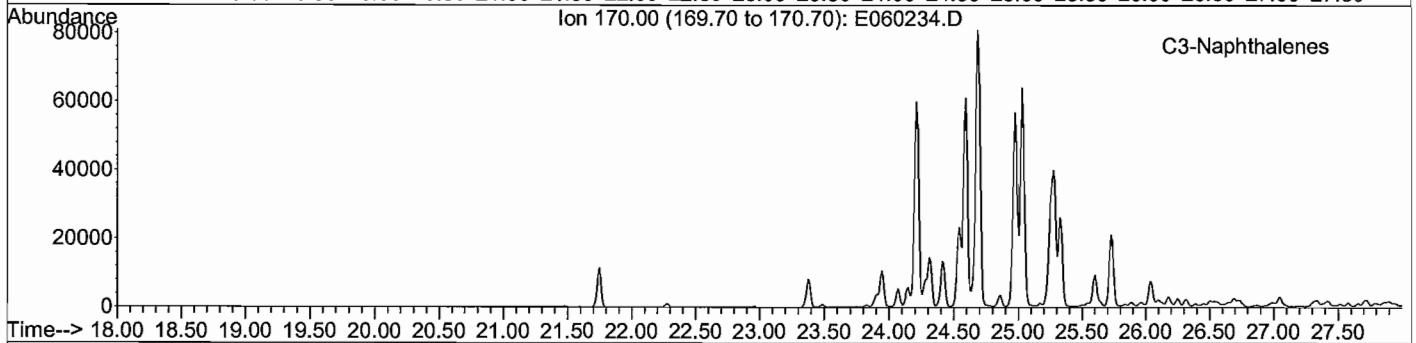
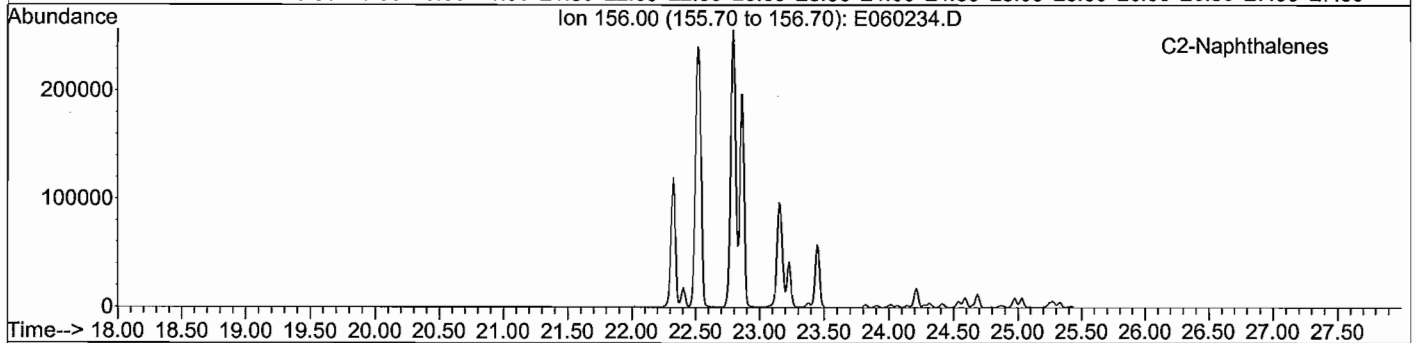
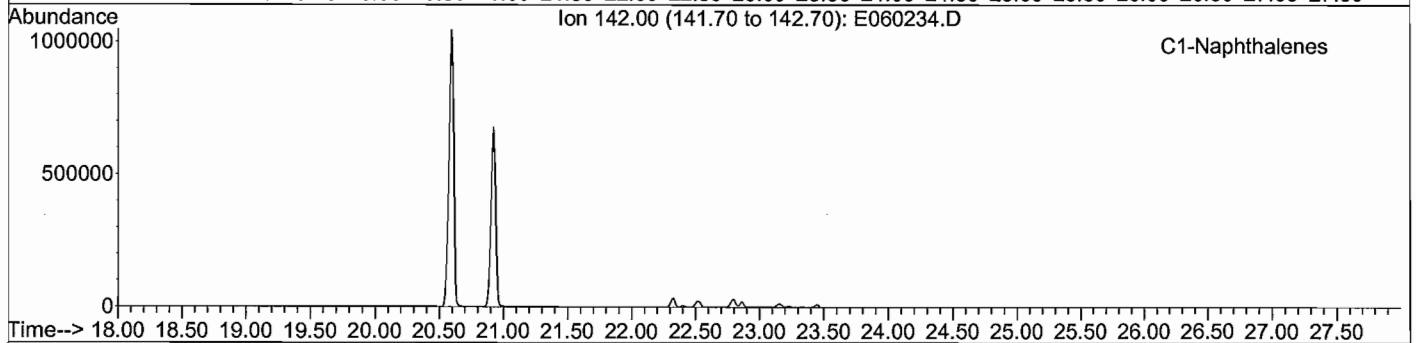
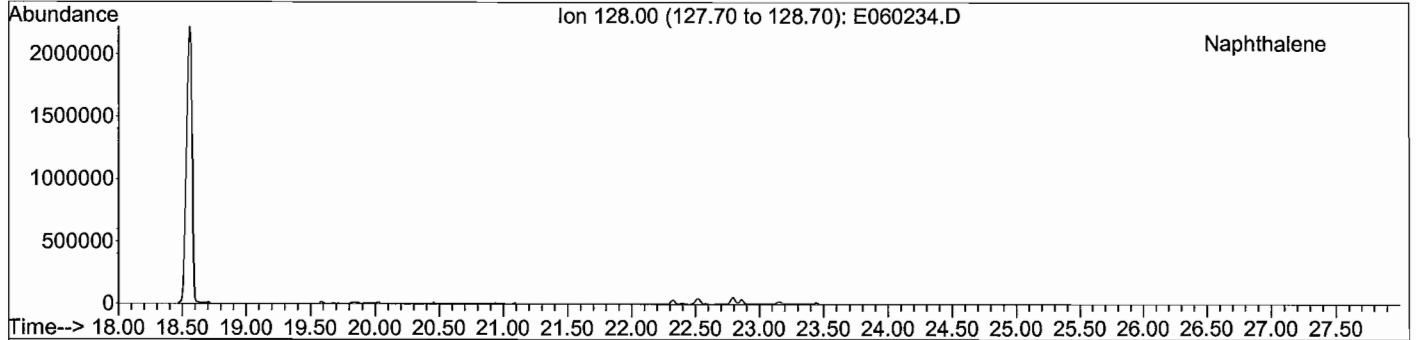
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Operator: ERL



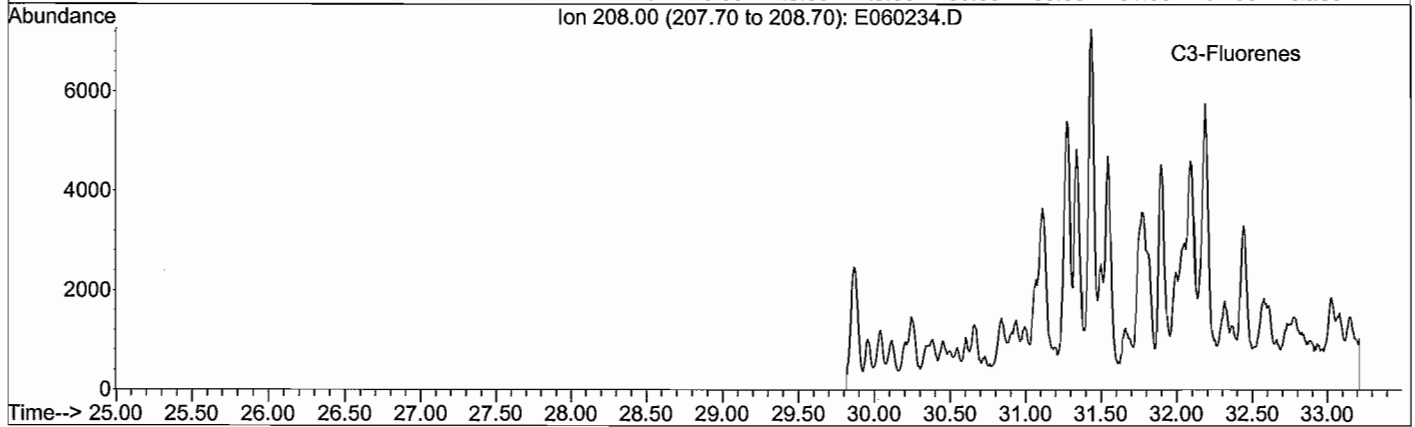
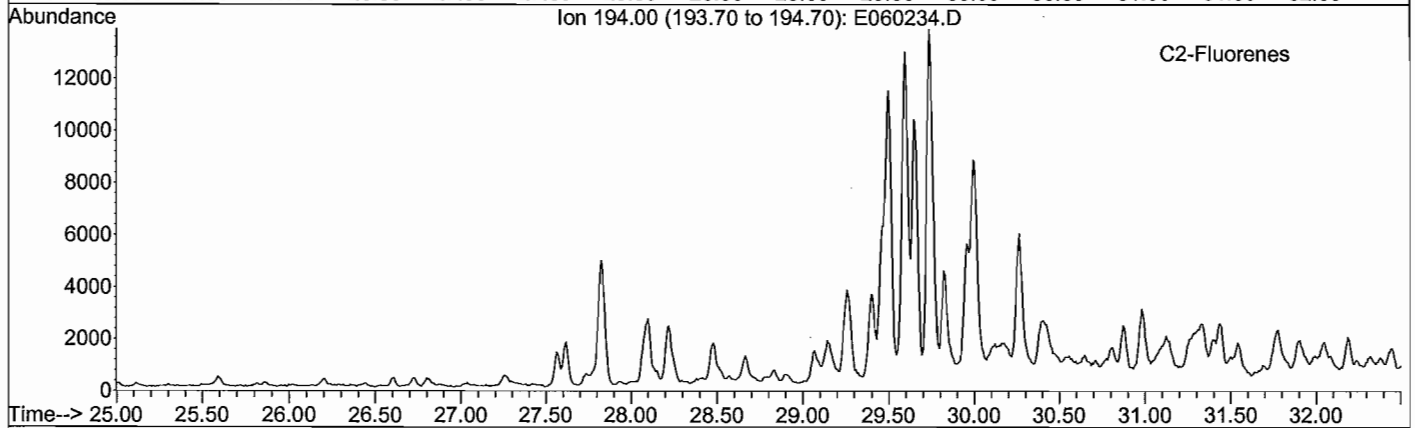
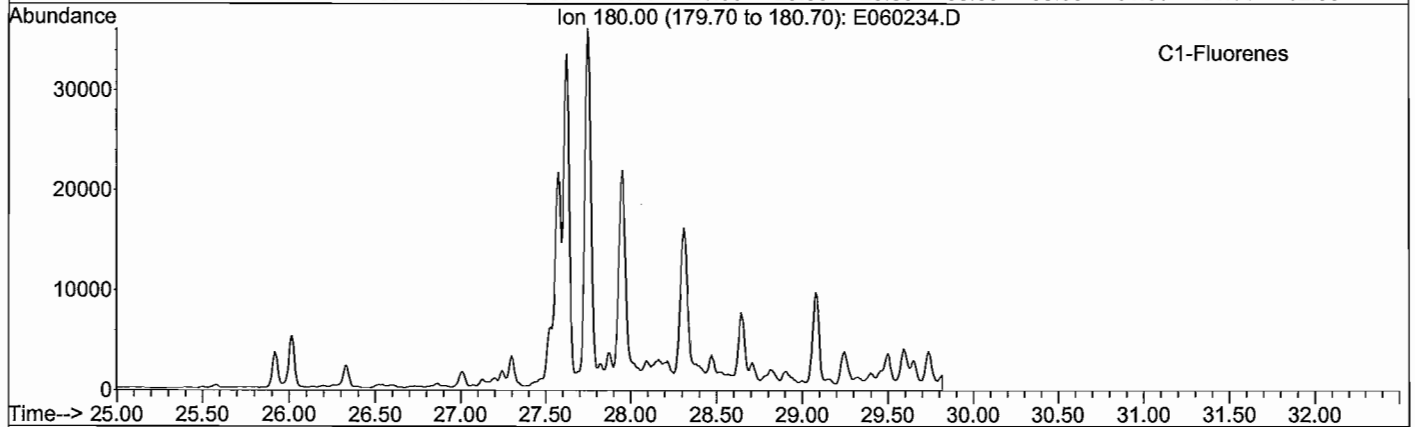
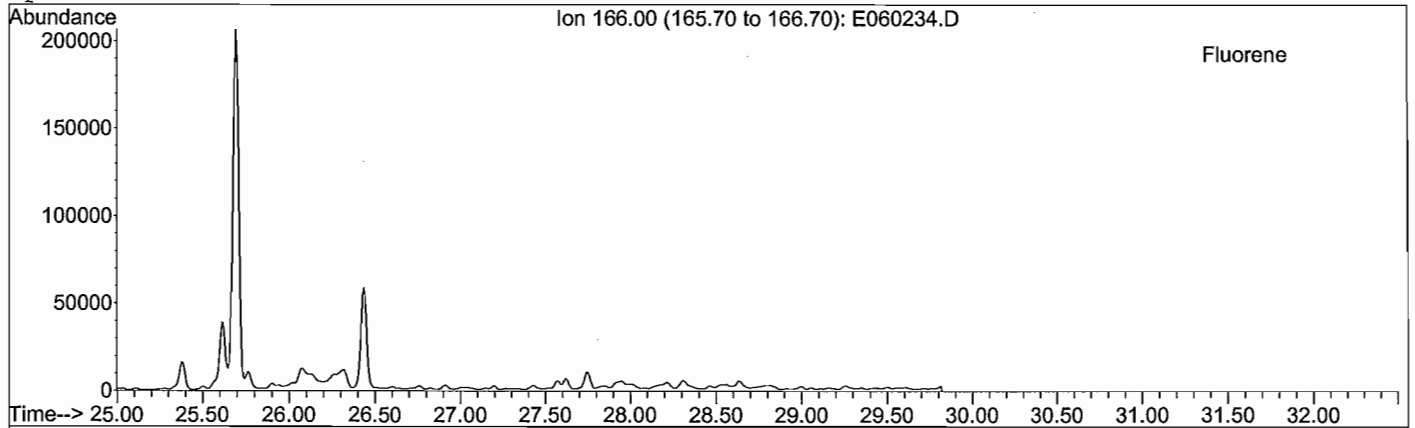
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Operator: ERL



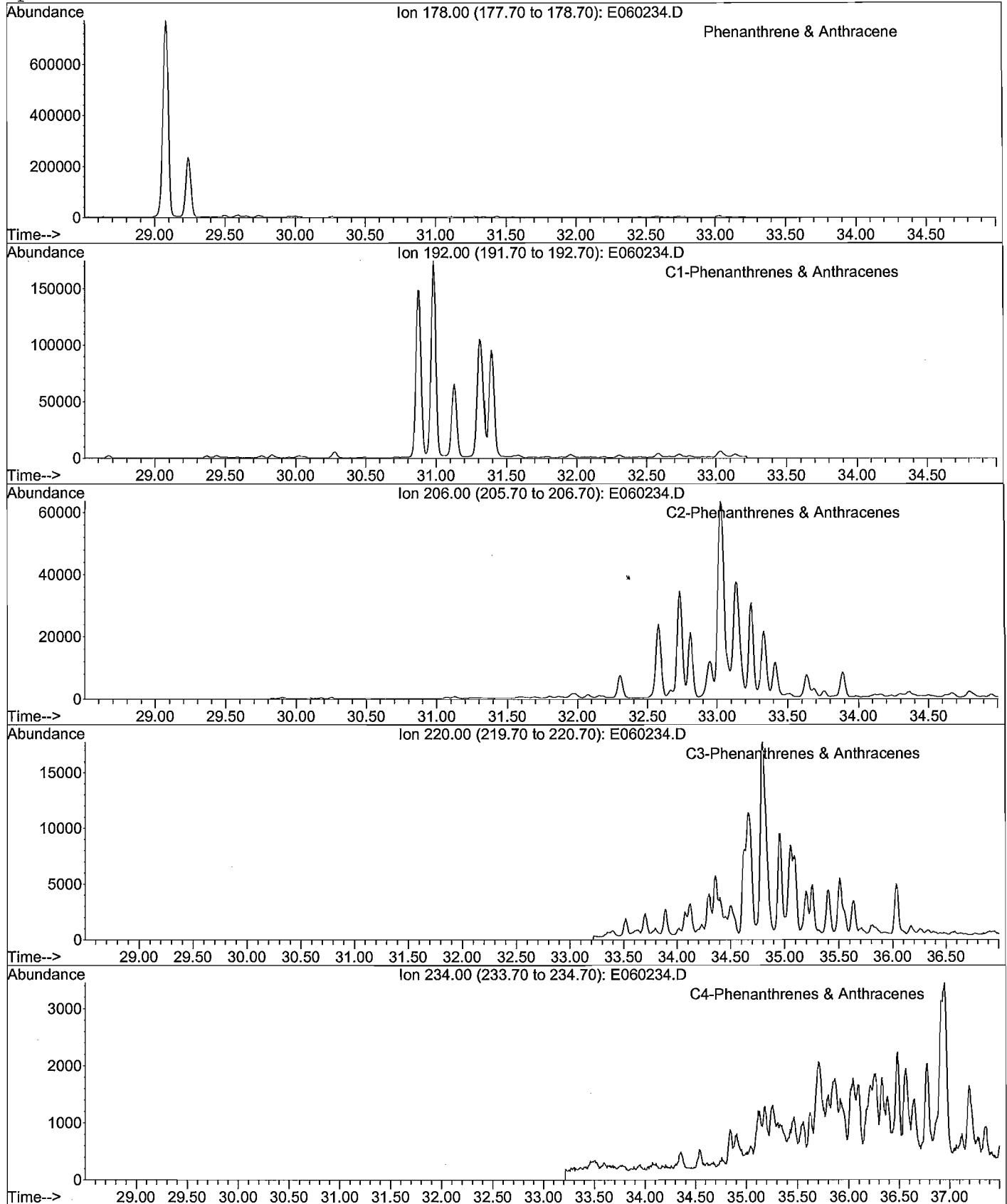
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Operator: ERL



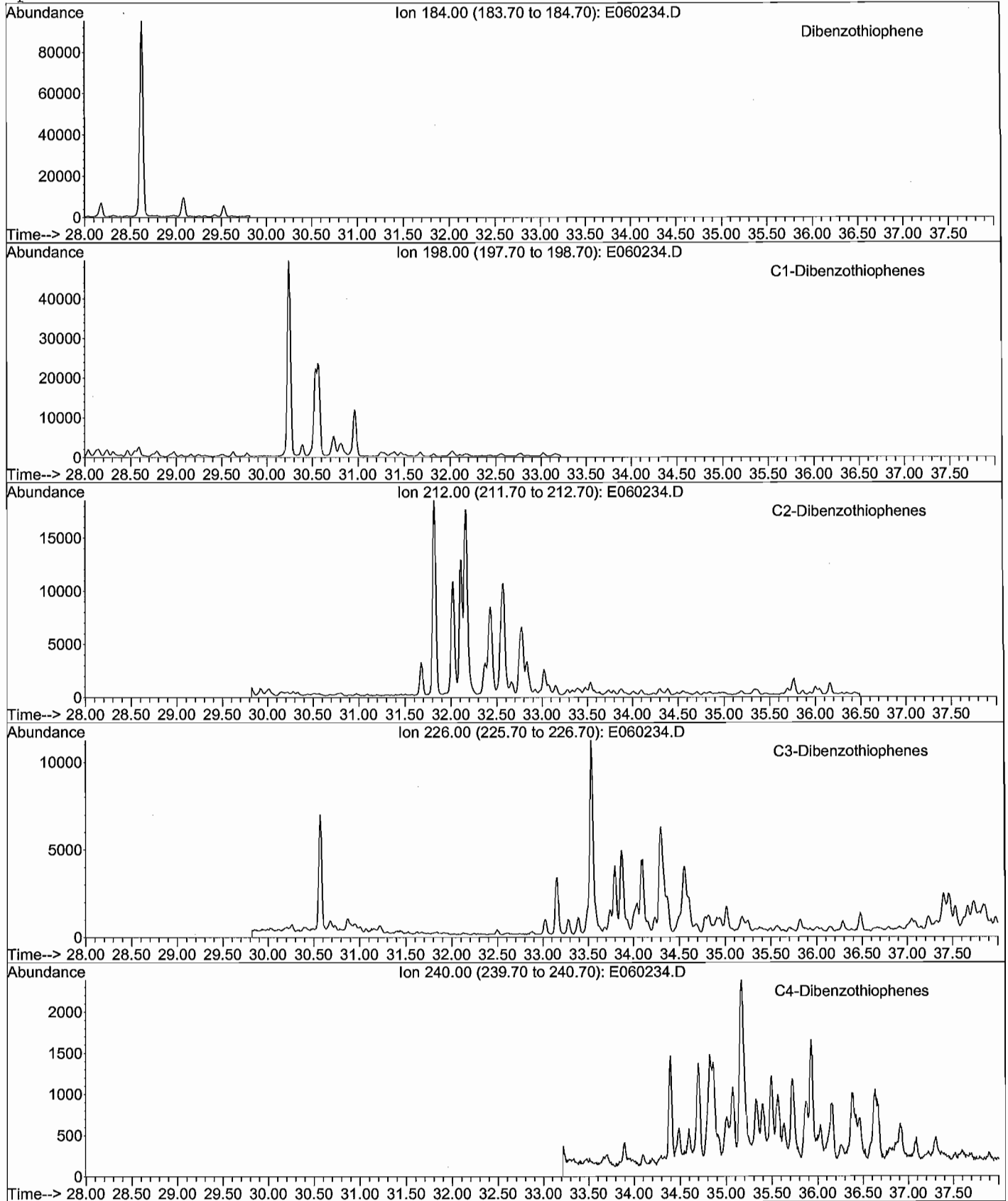
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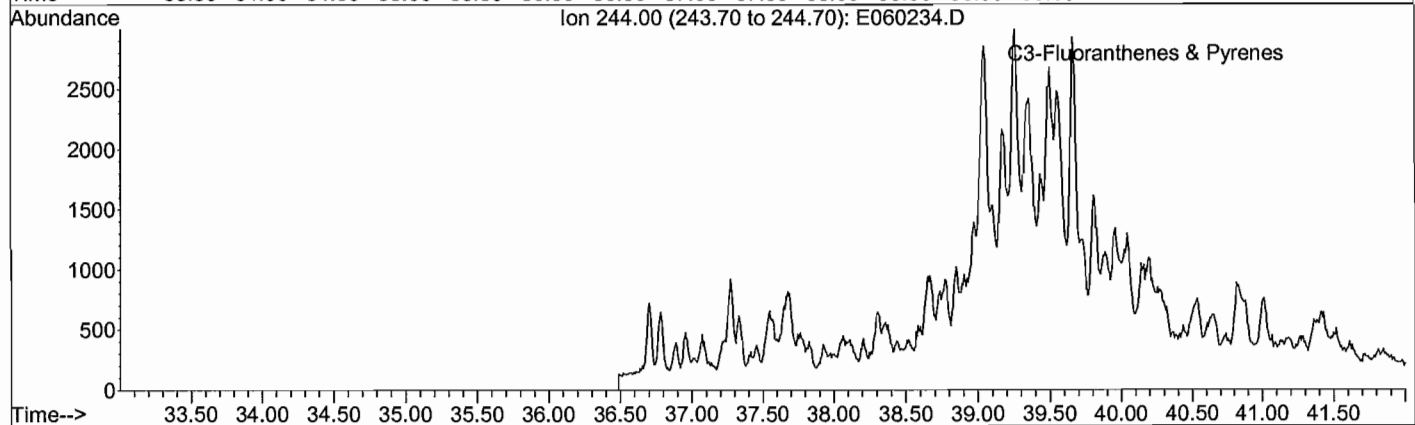
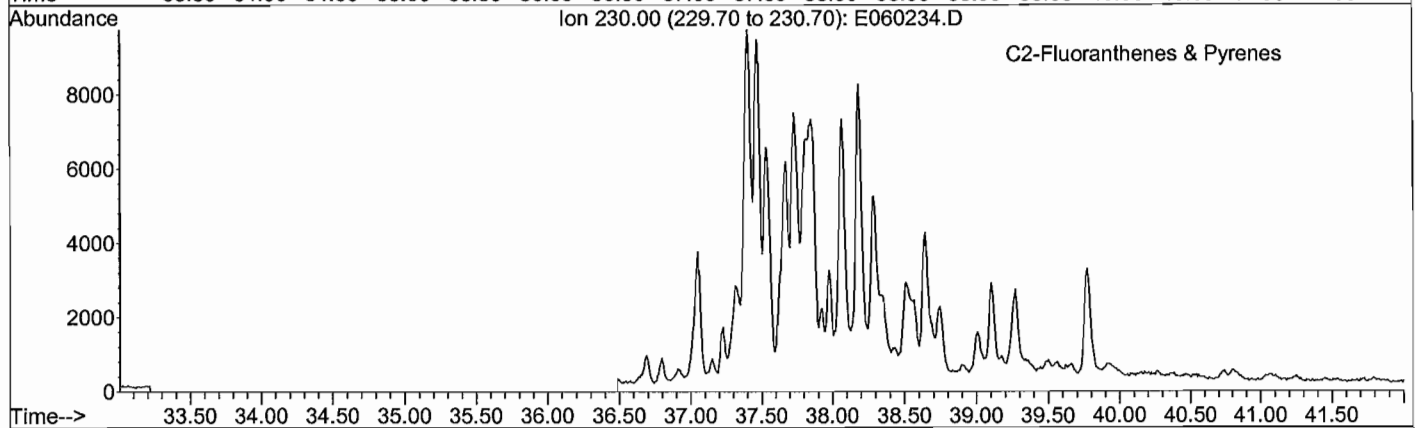
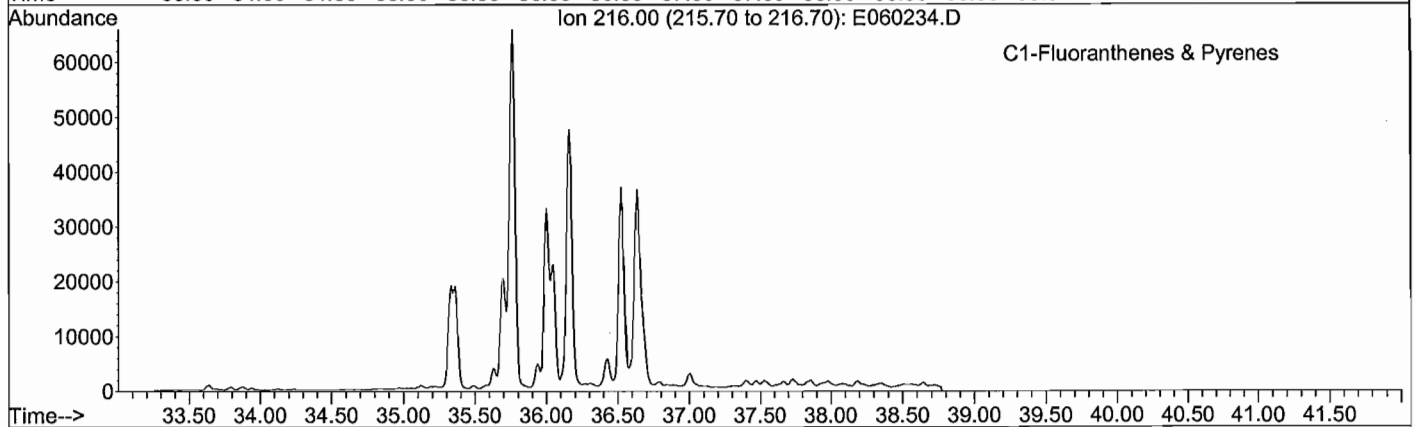
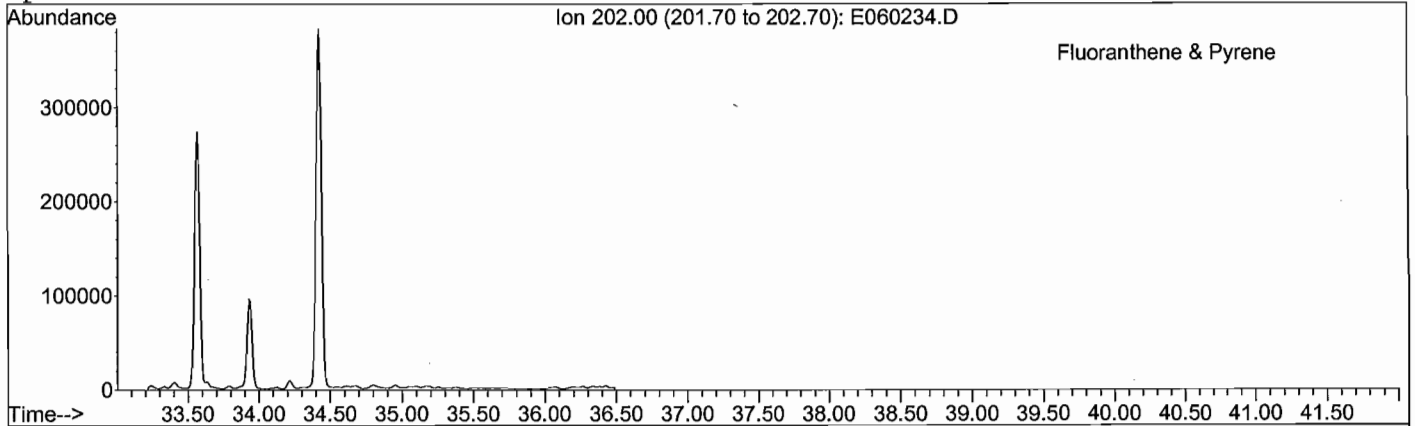
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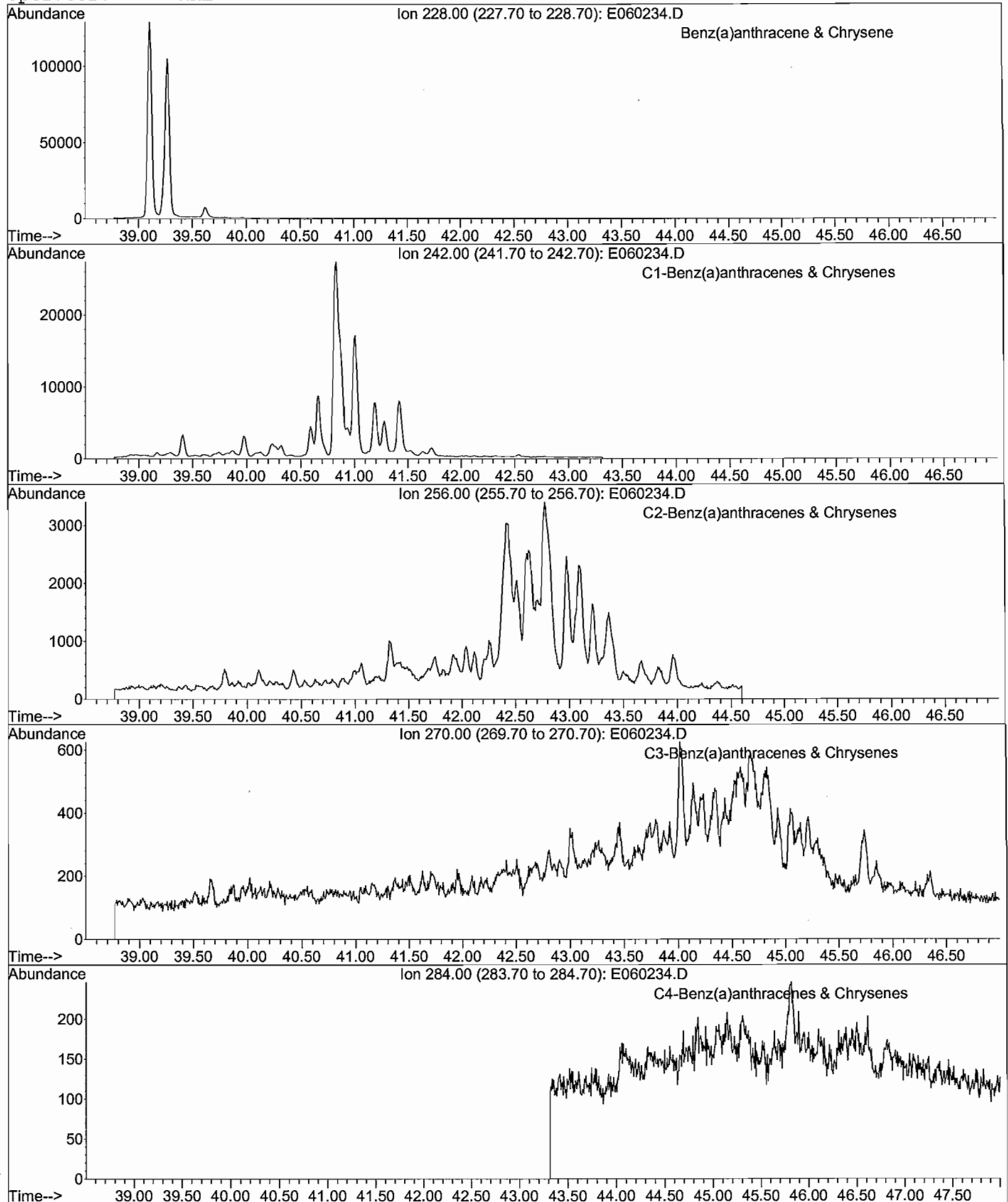
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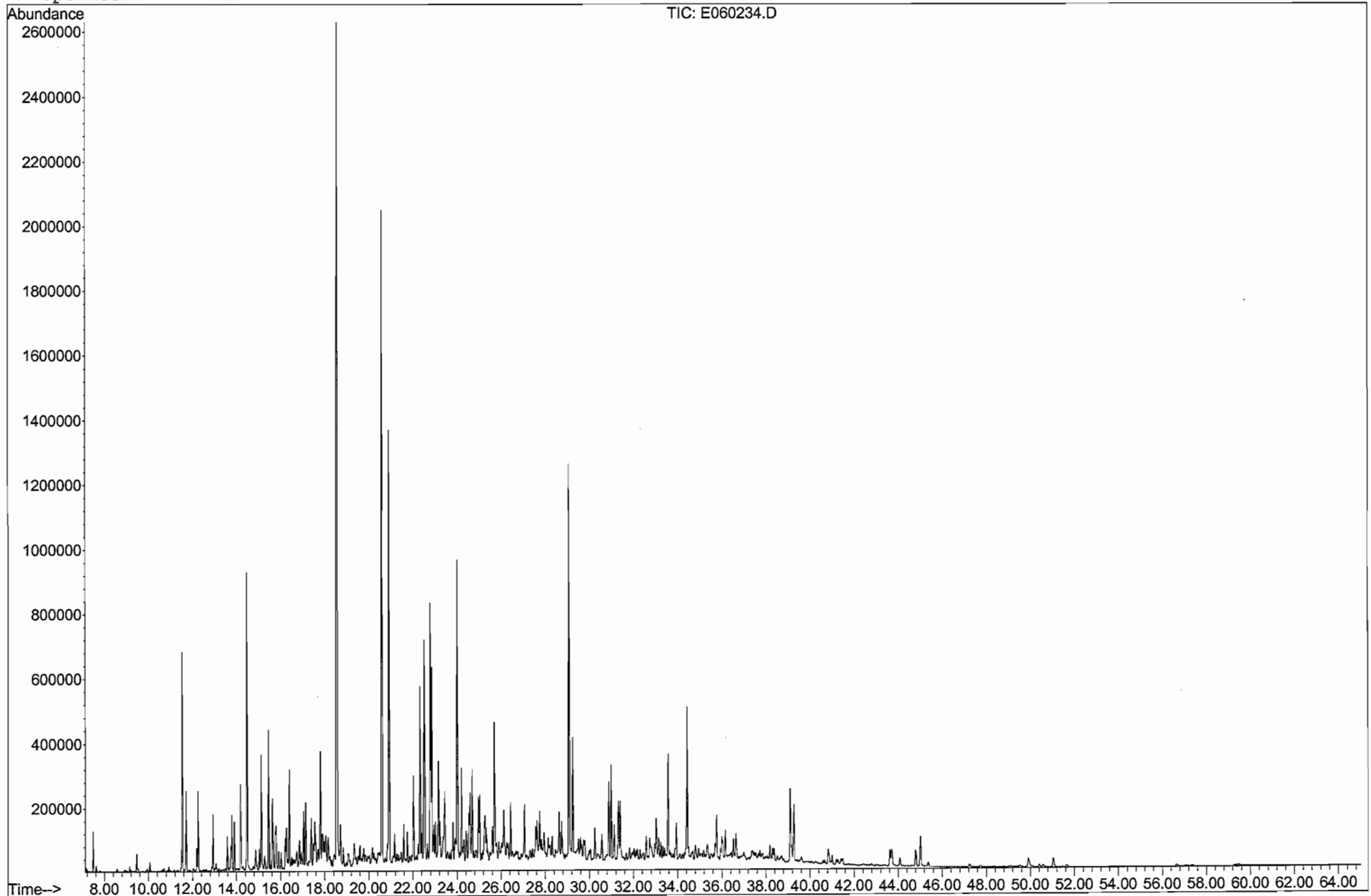
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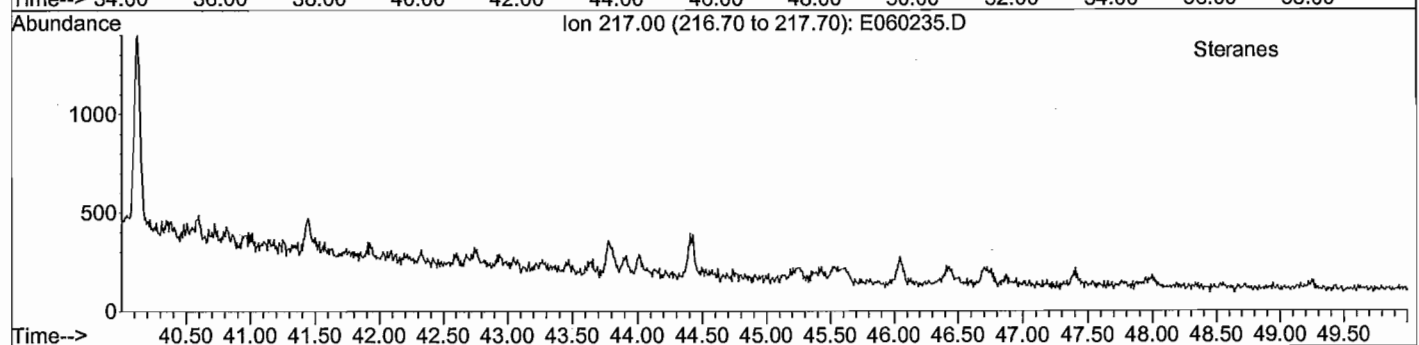
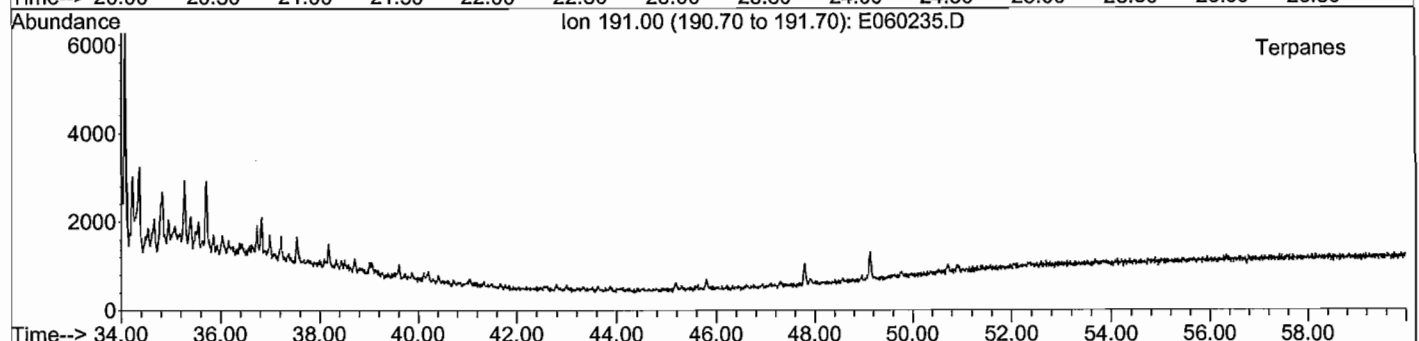
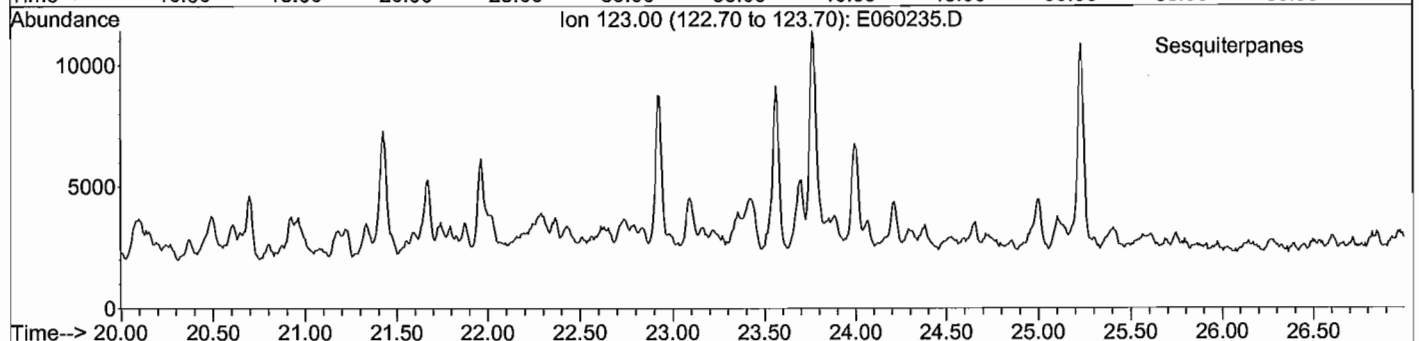
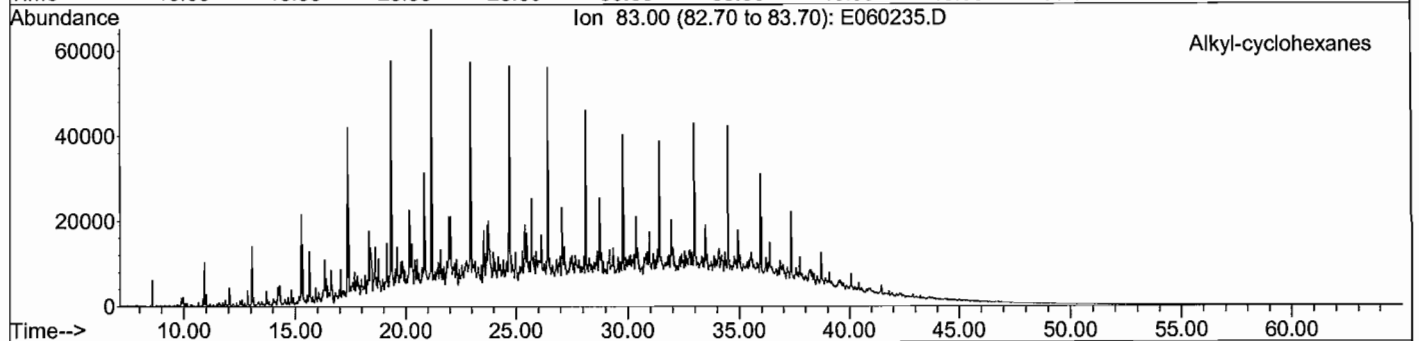
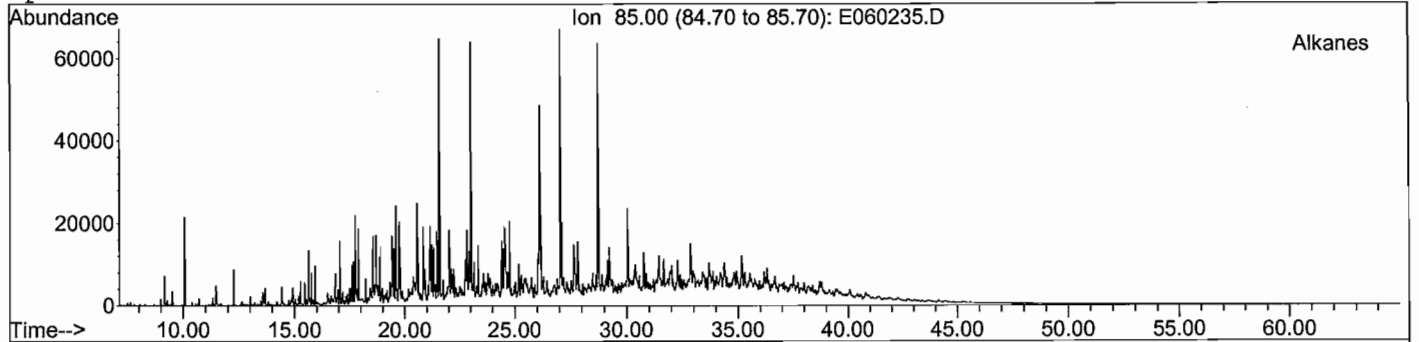
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Misc Info: MW-16 (14-16) 10x
Operator: ERL



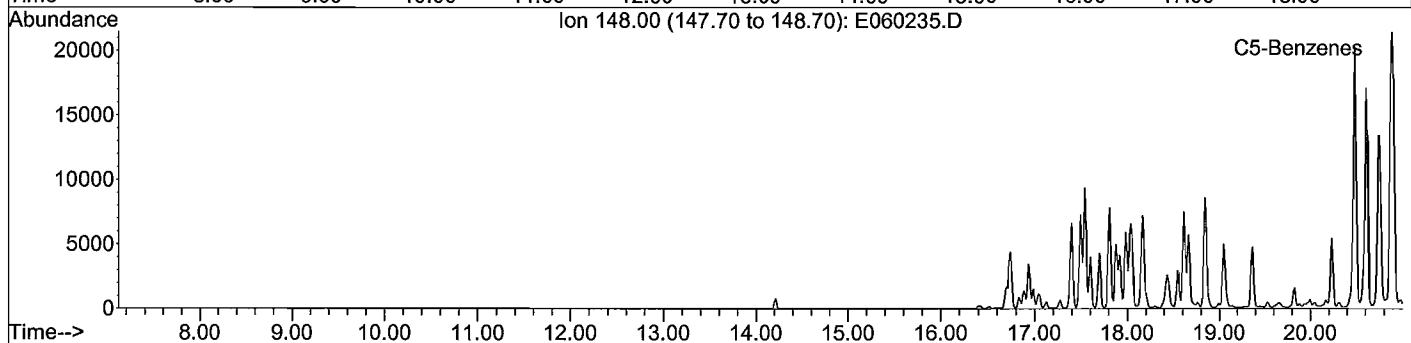
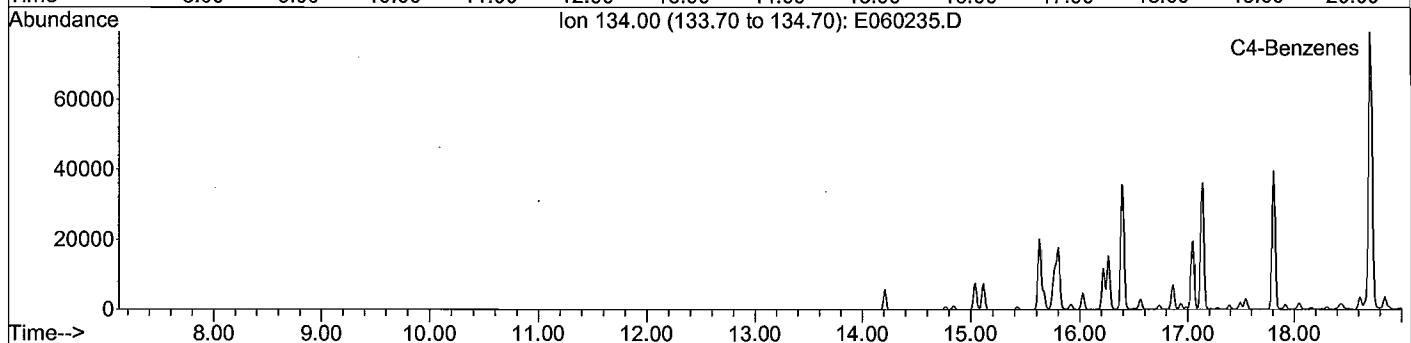
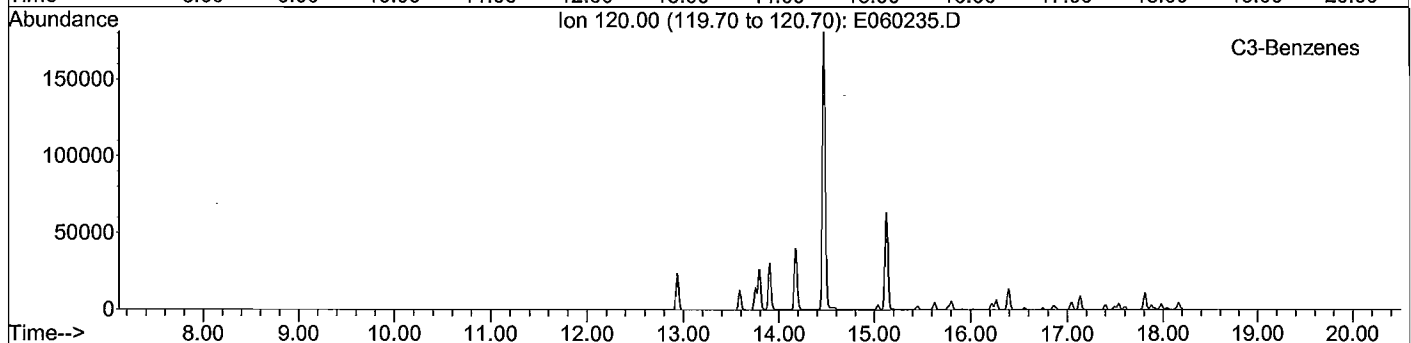
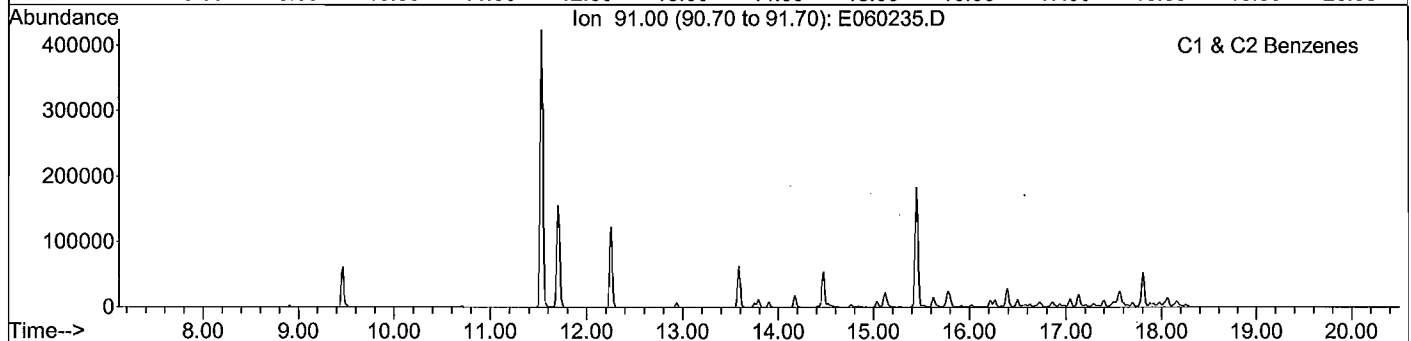
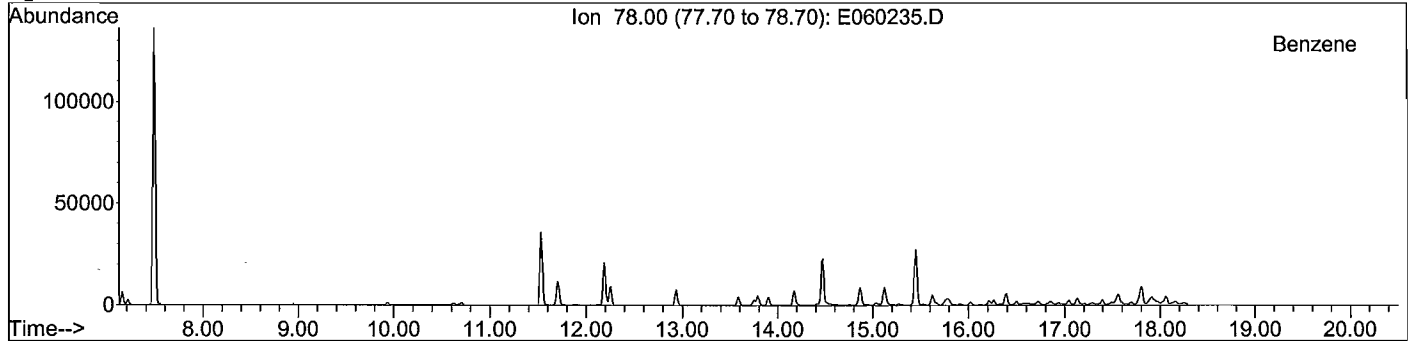
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Sample Name: PA090514-01DUP-D
Misc Info: MW-16 (14-16) 10x
Operator: ERL



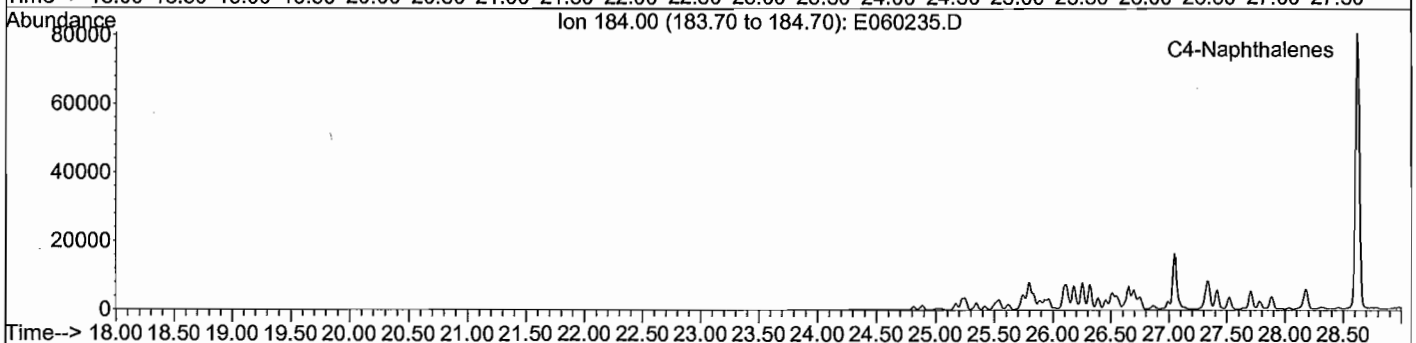
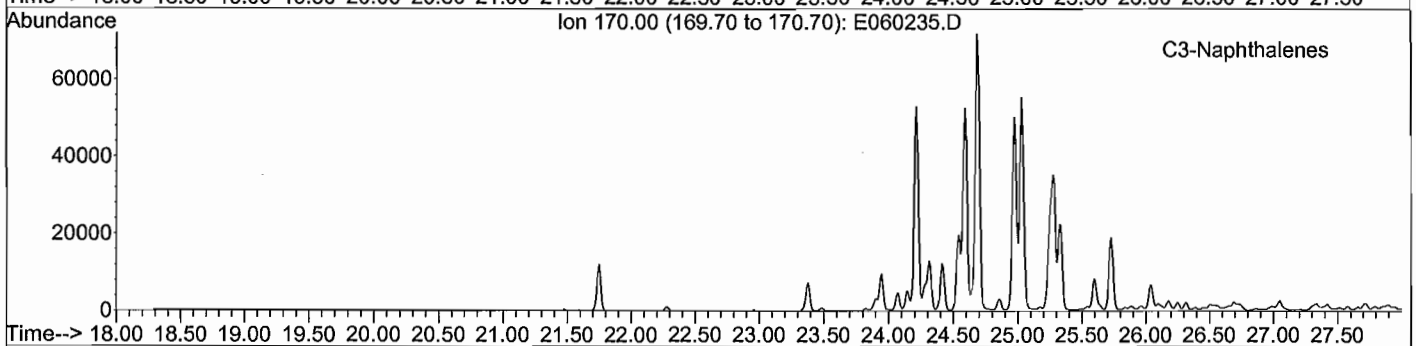
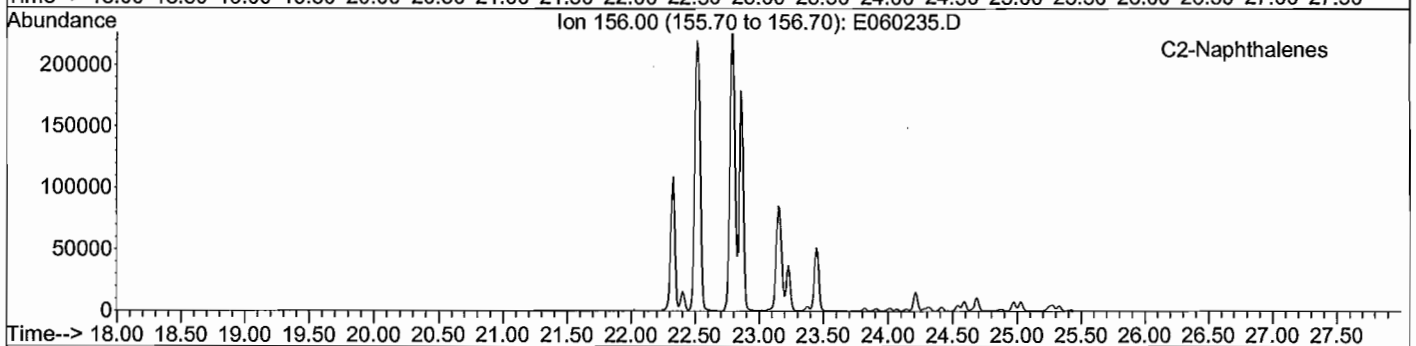
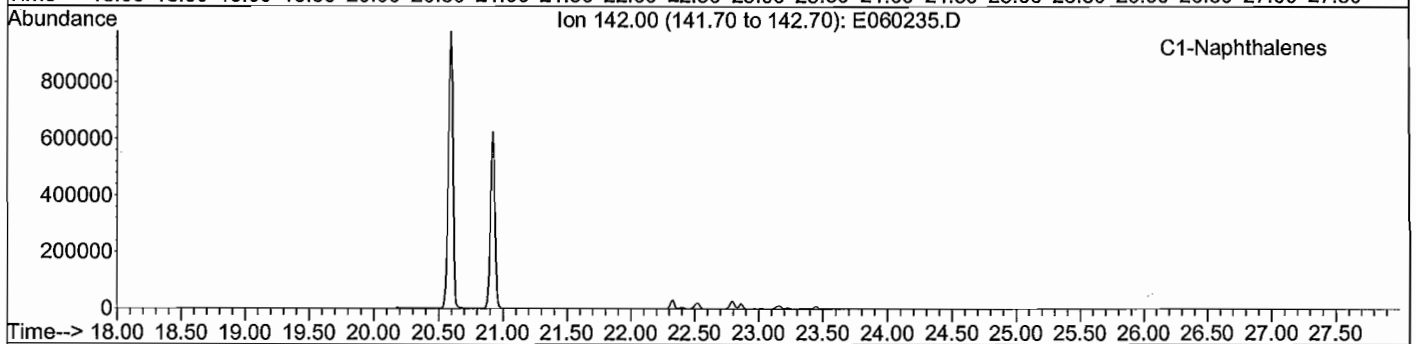
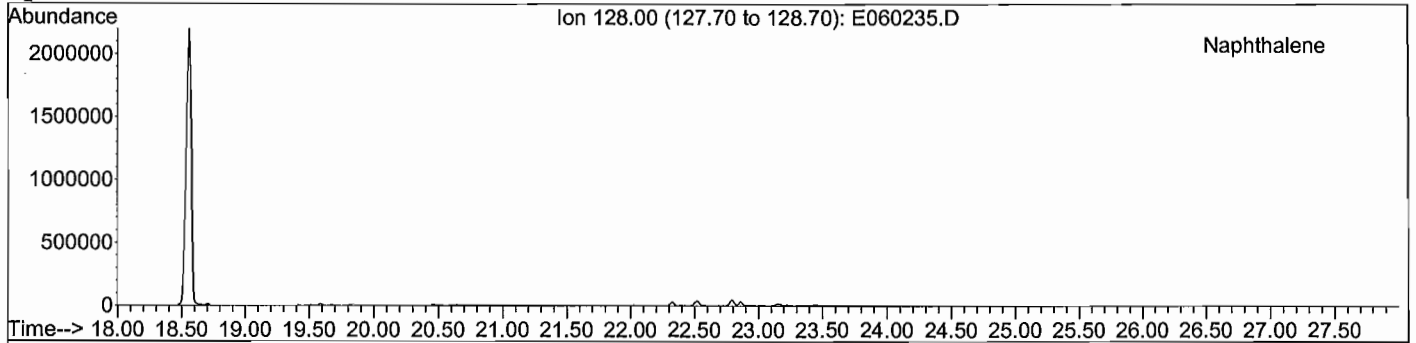
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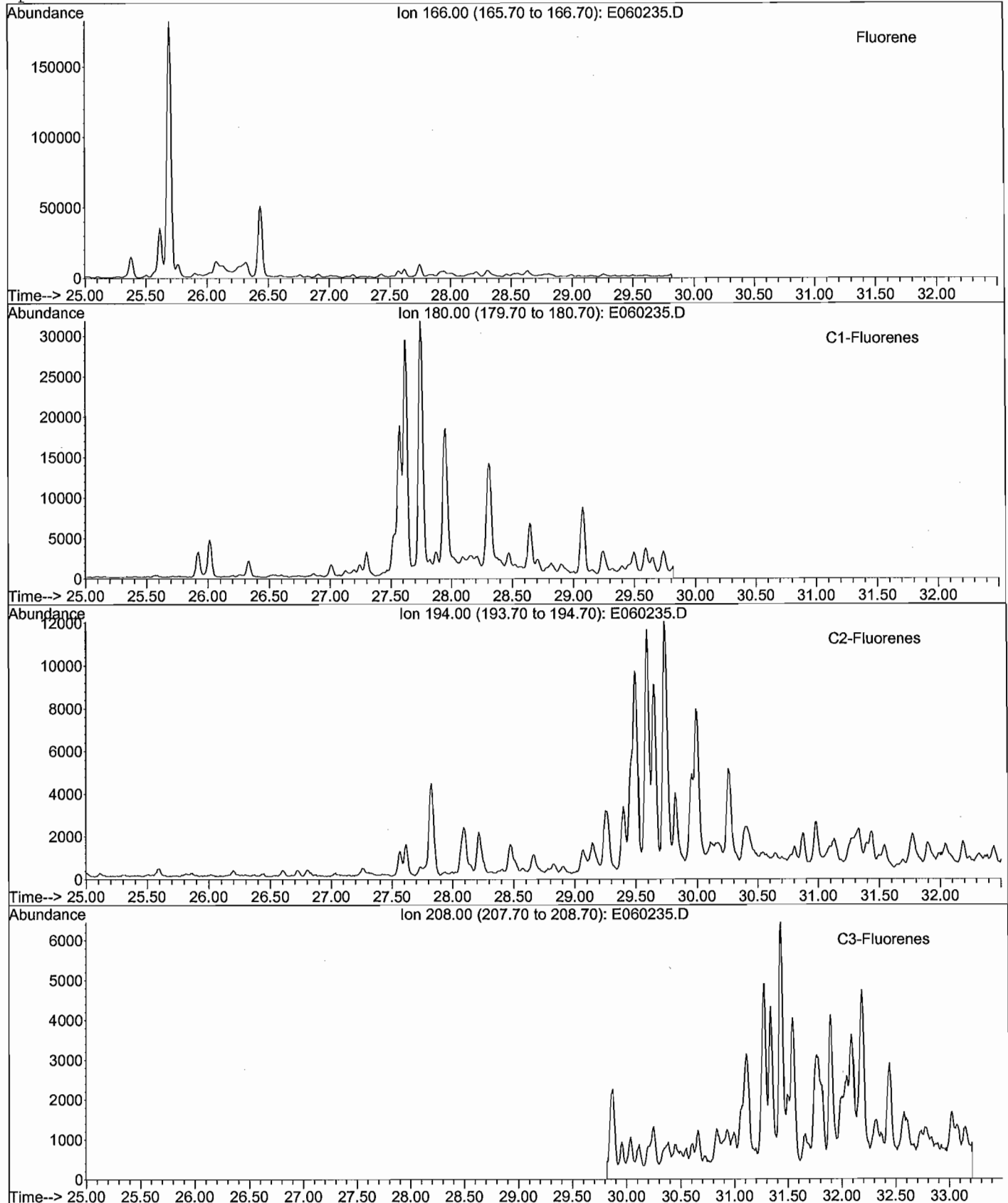
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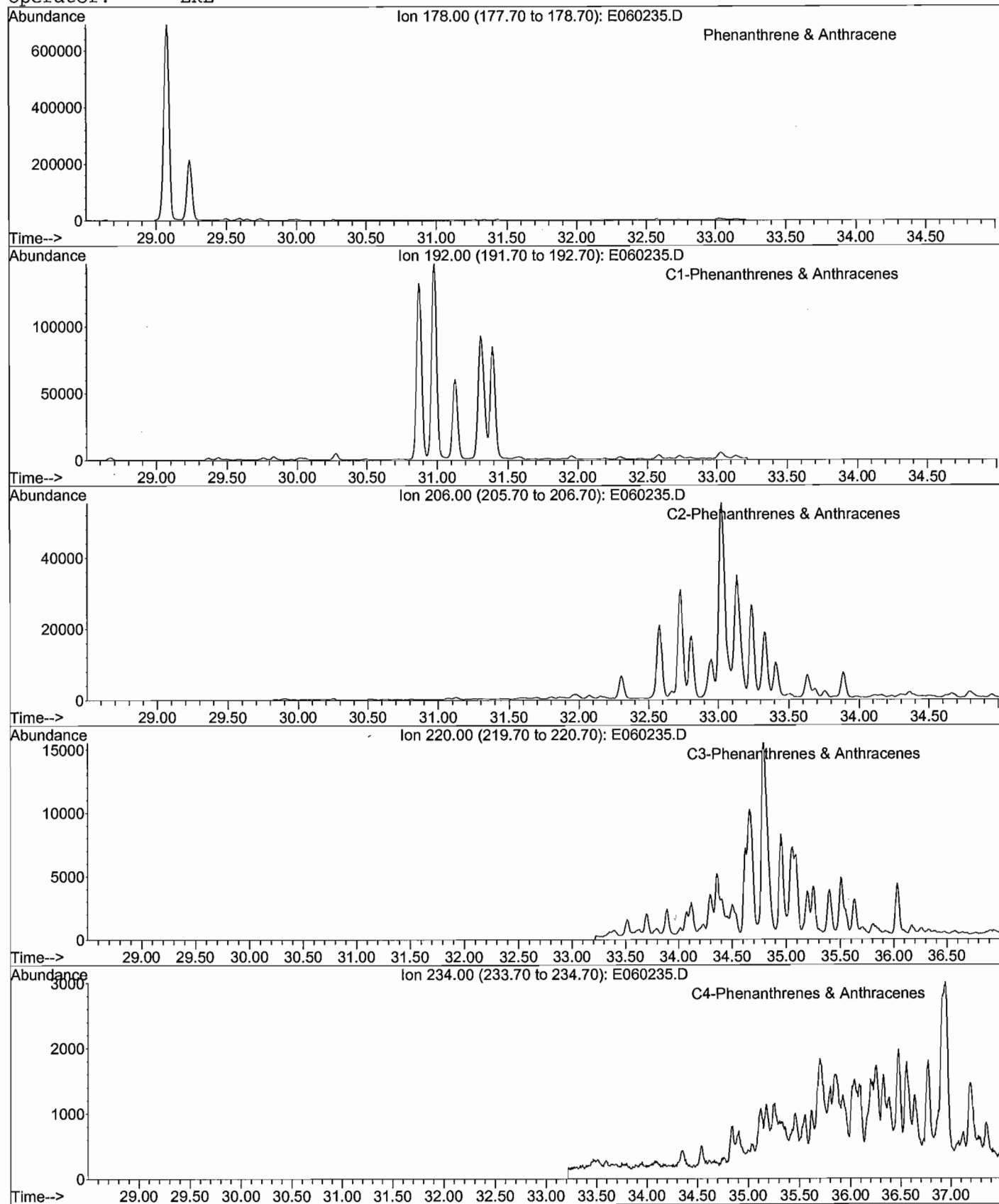
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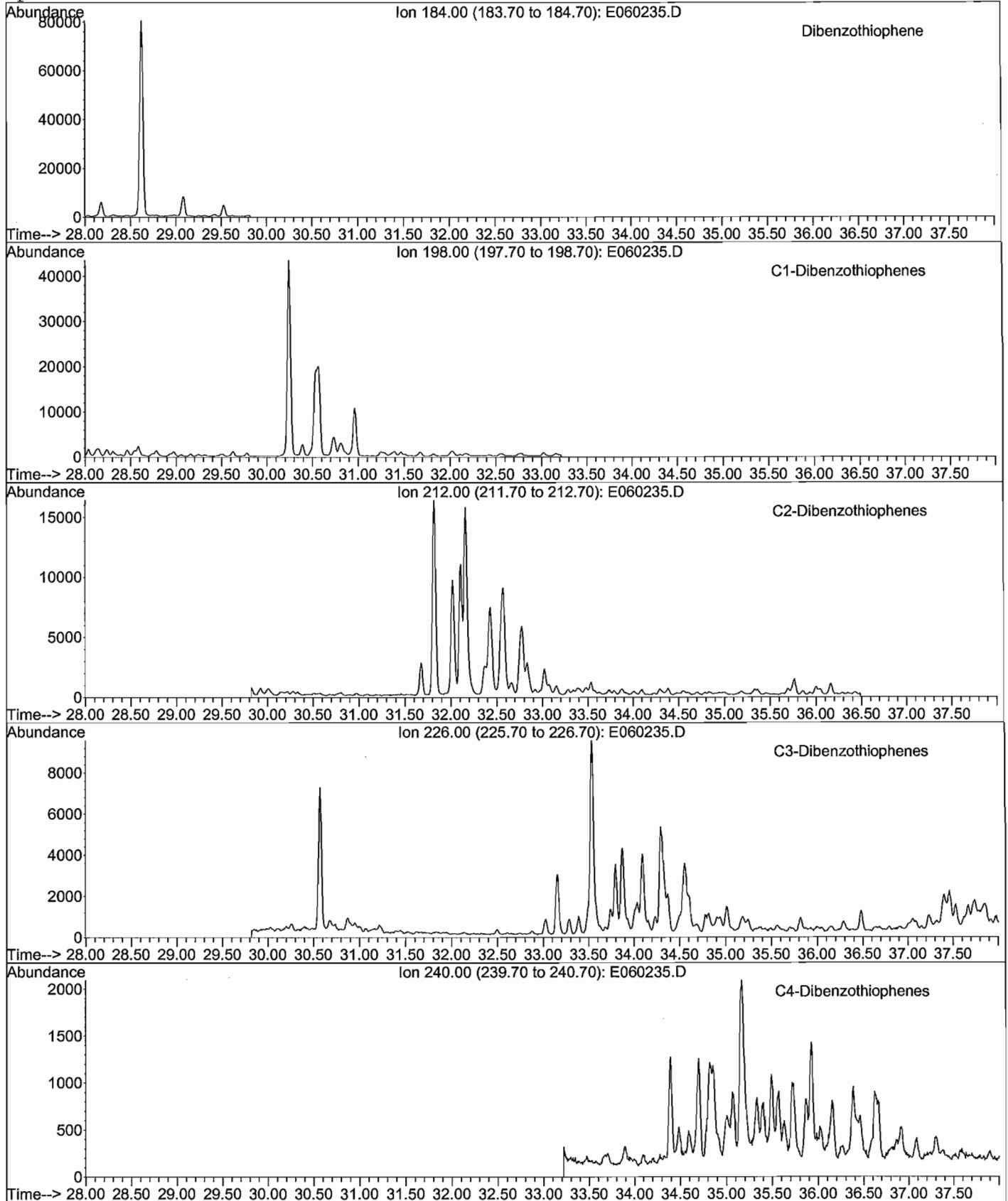
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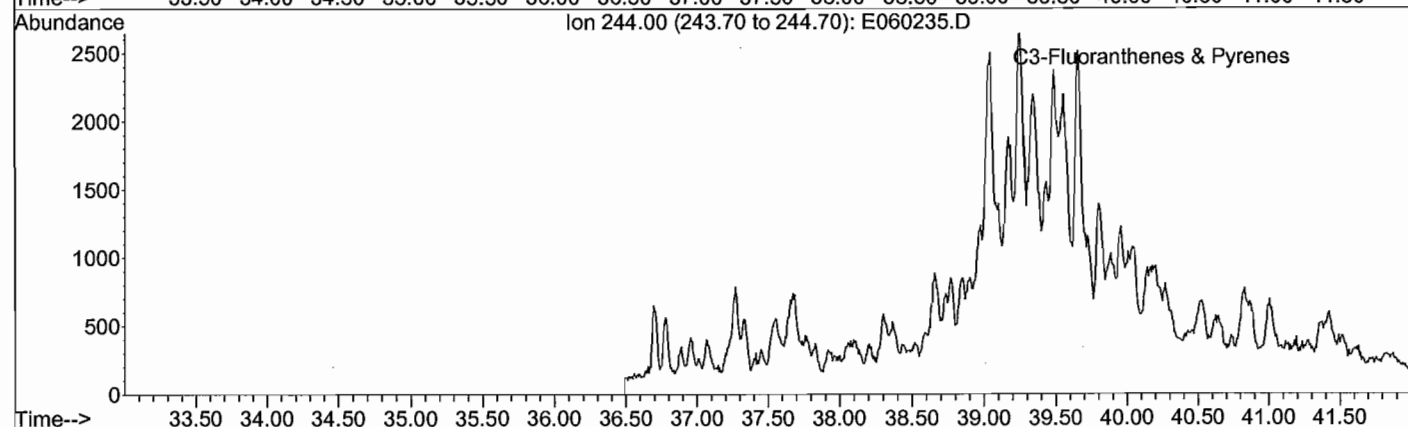
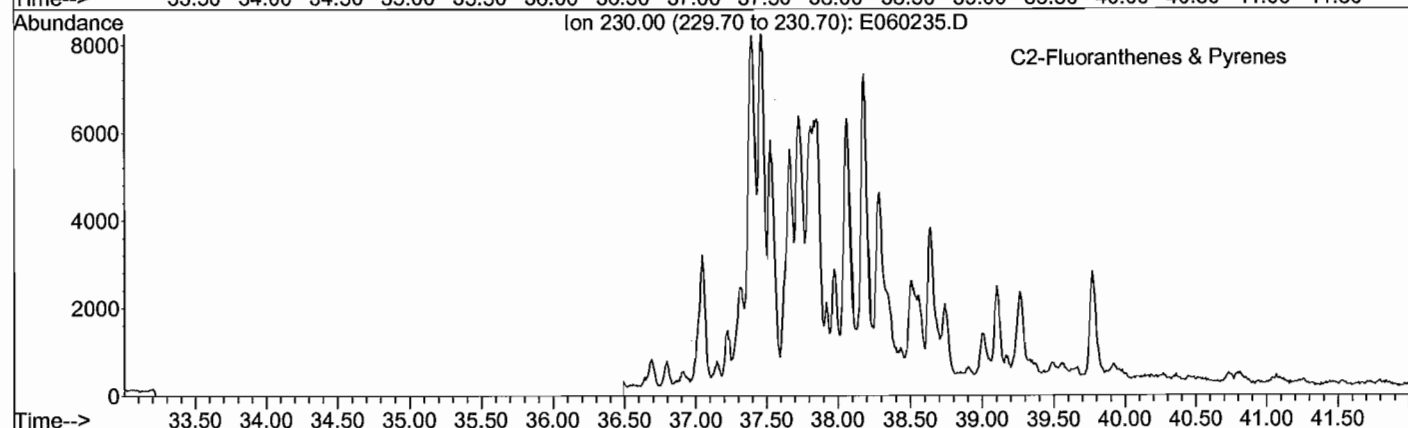
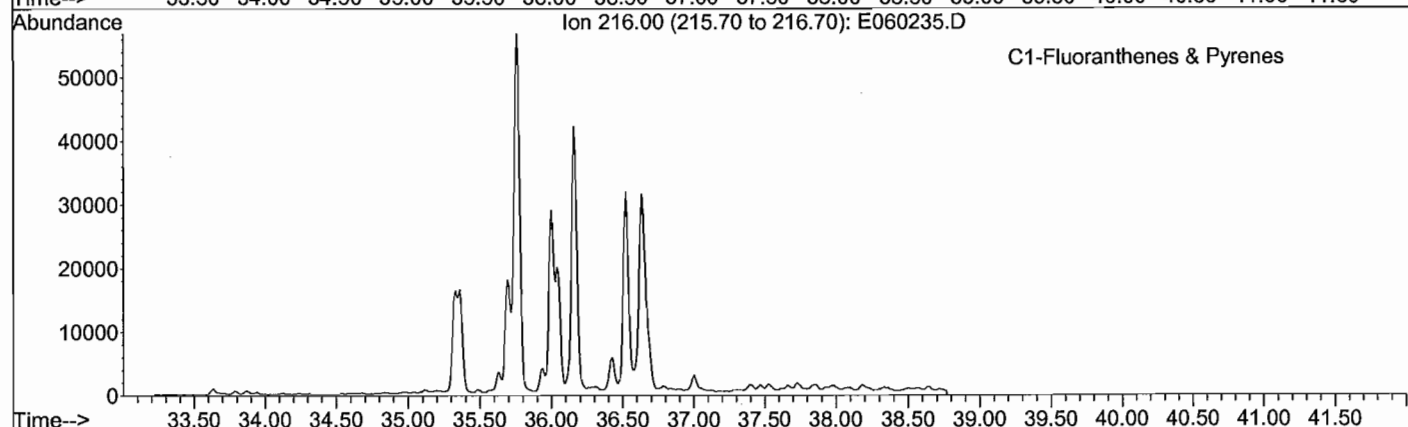
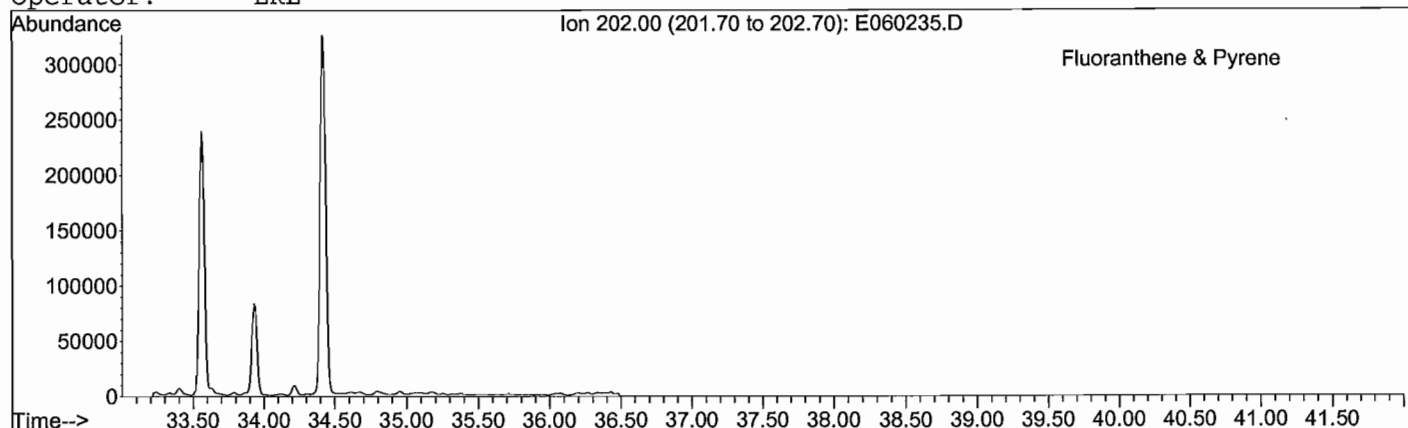
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Sample Name: PA090514-01DUP-D
Misc Info: MW-16 (14-16) 10x
Operator: ERL



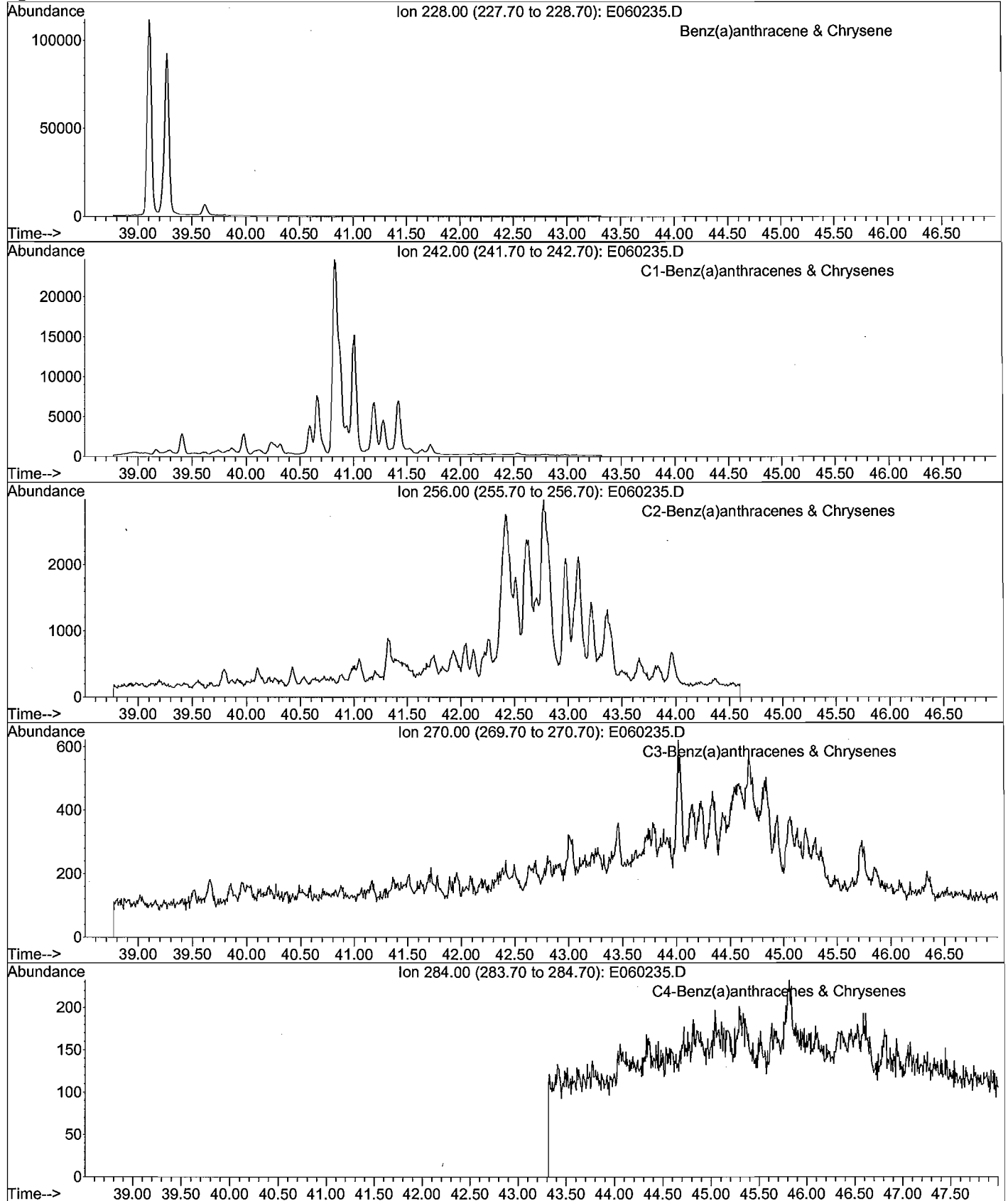
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 Operator: ERL



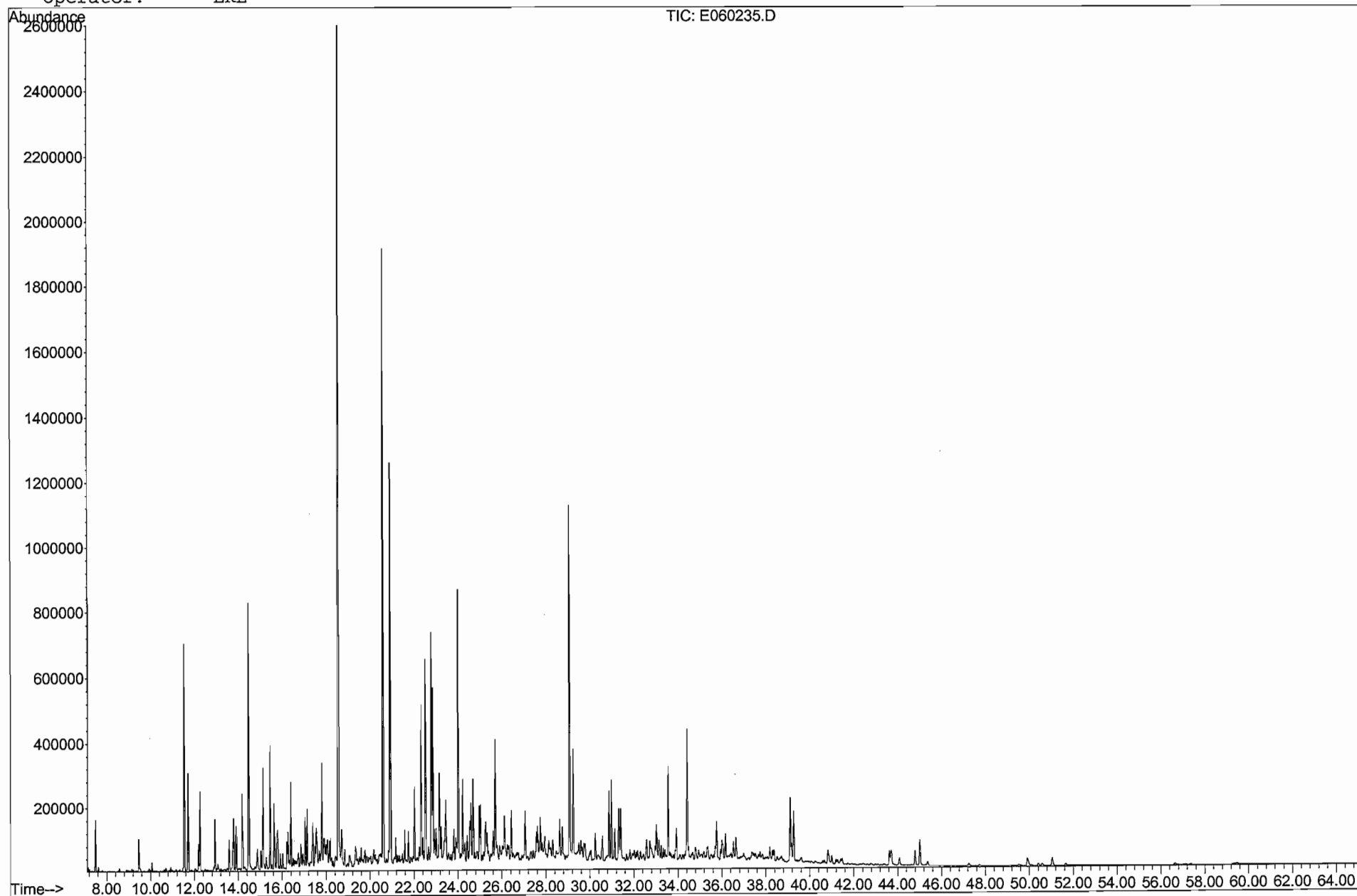
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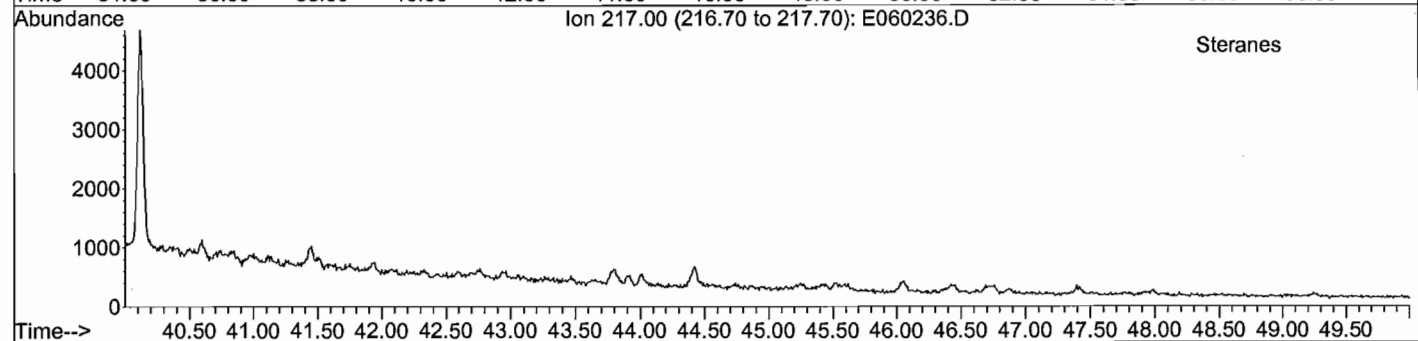
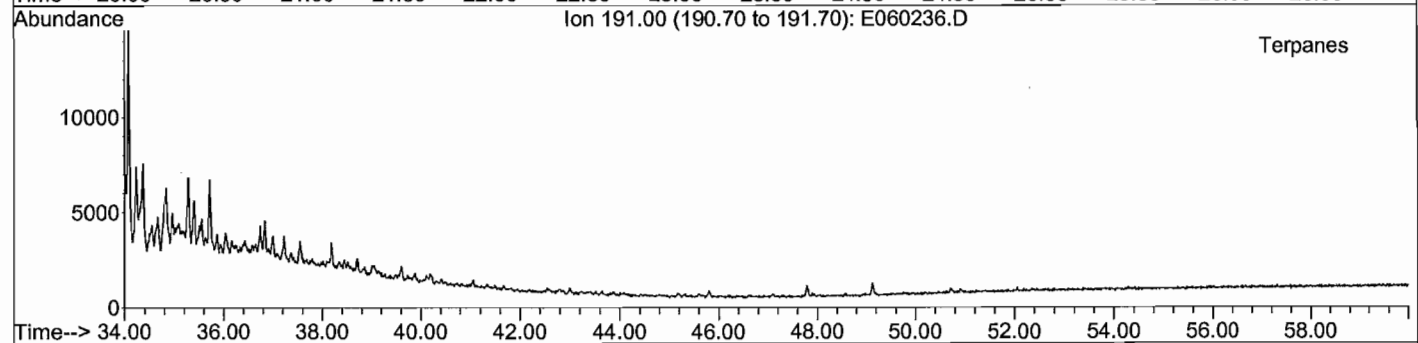
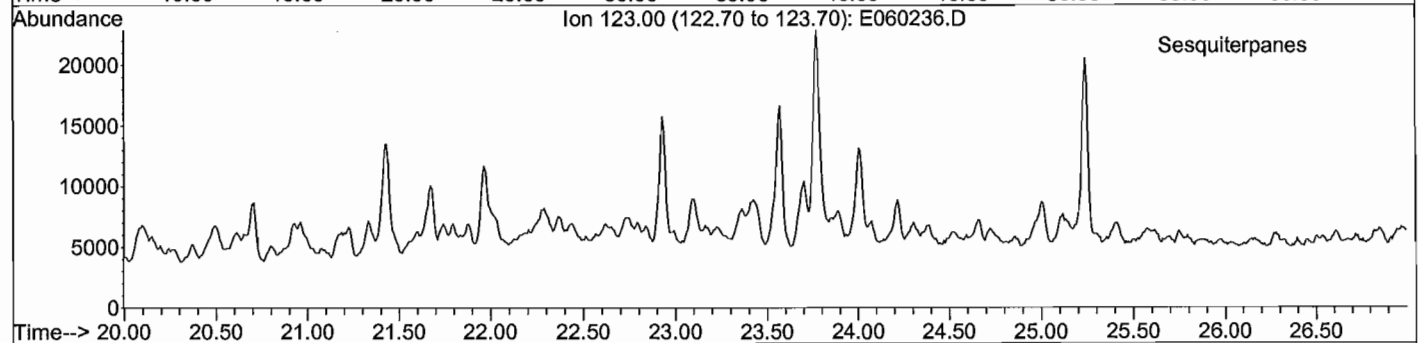
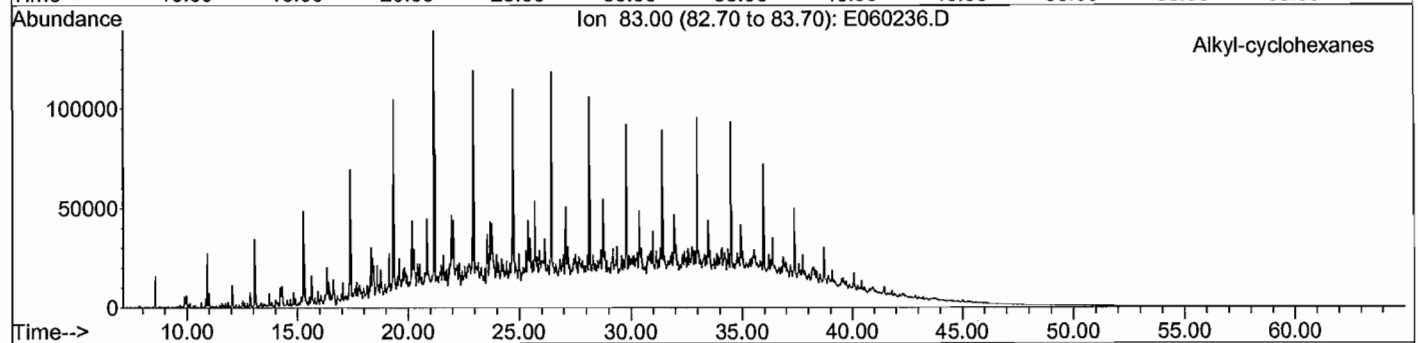
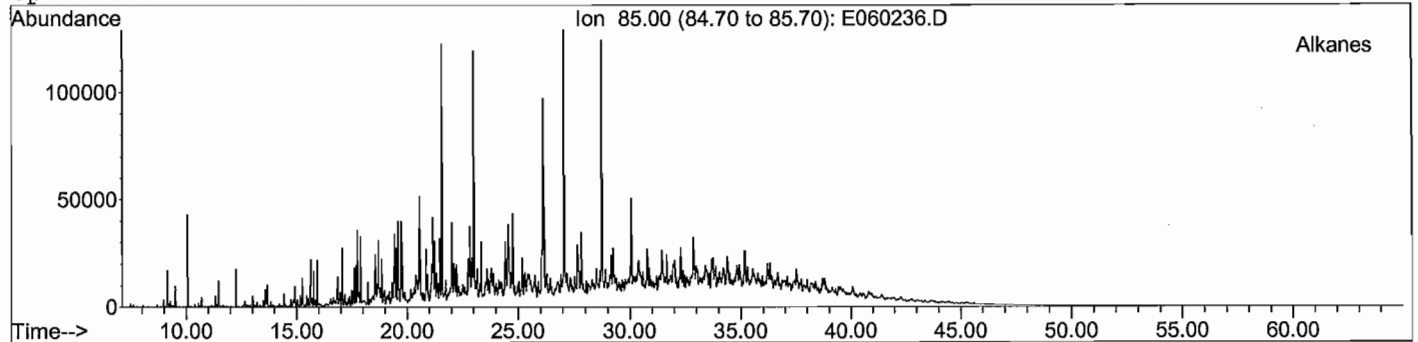
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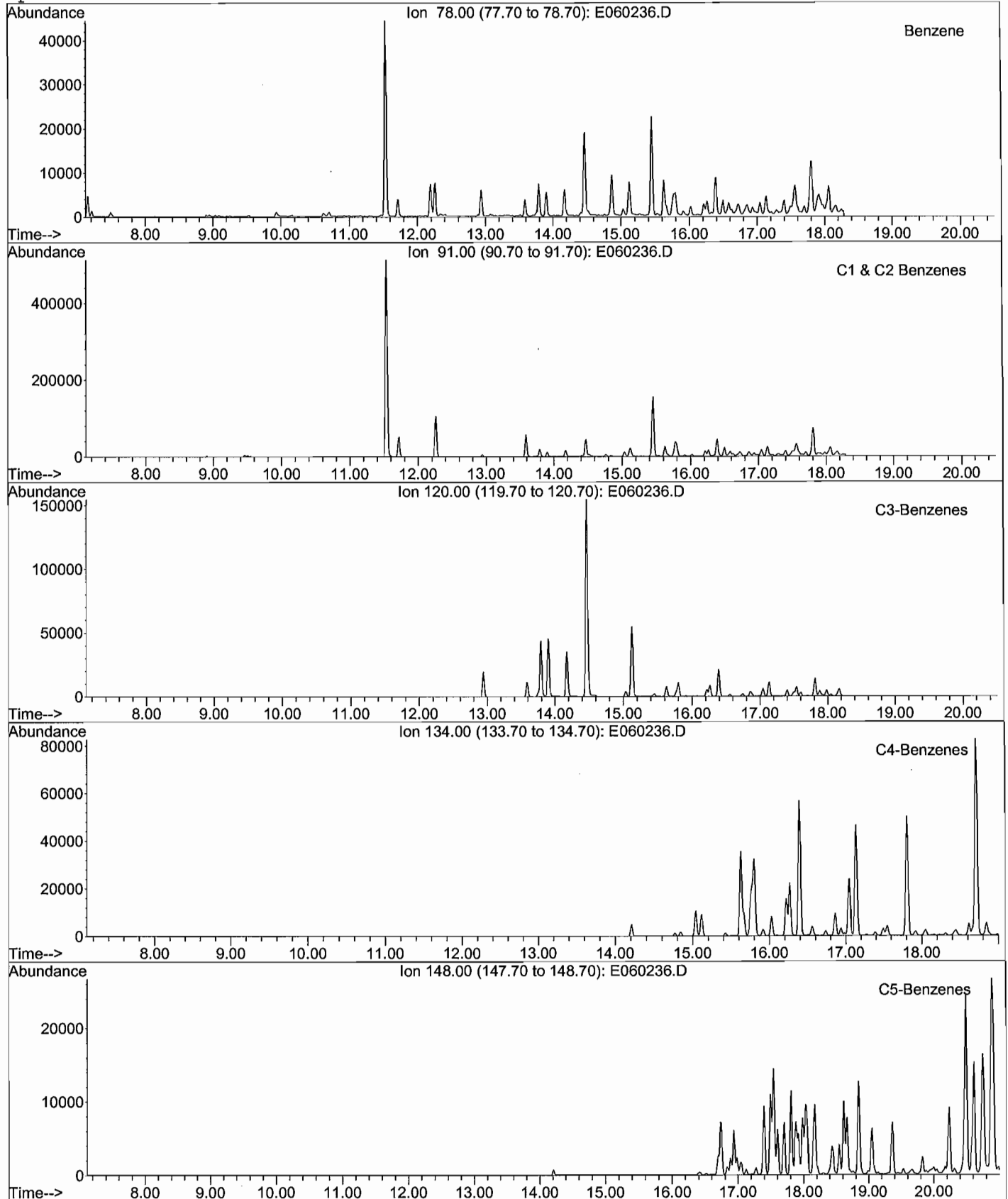
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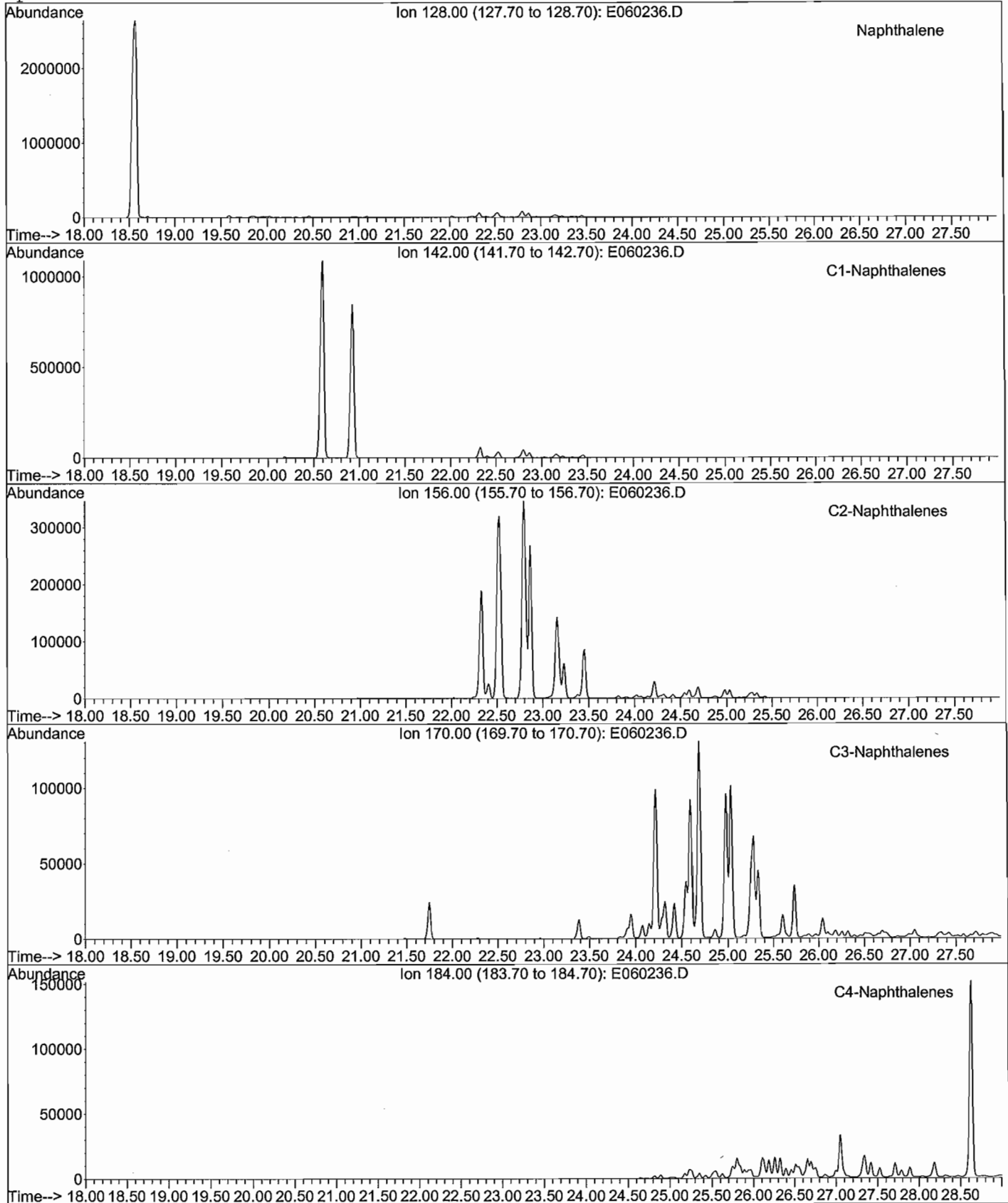
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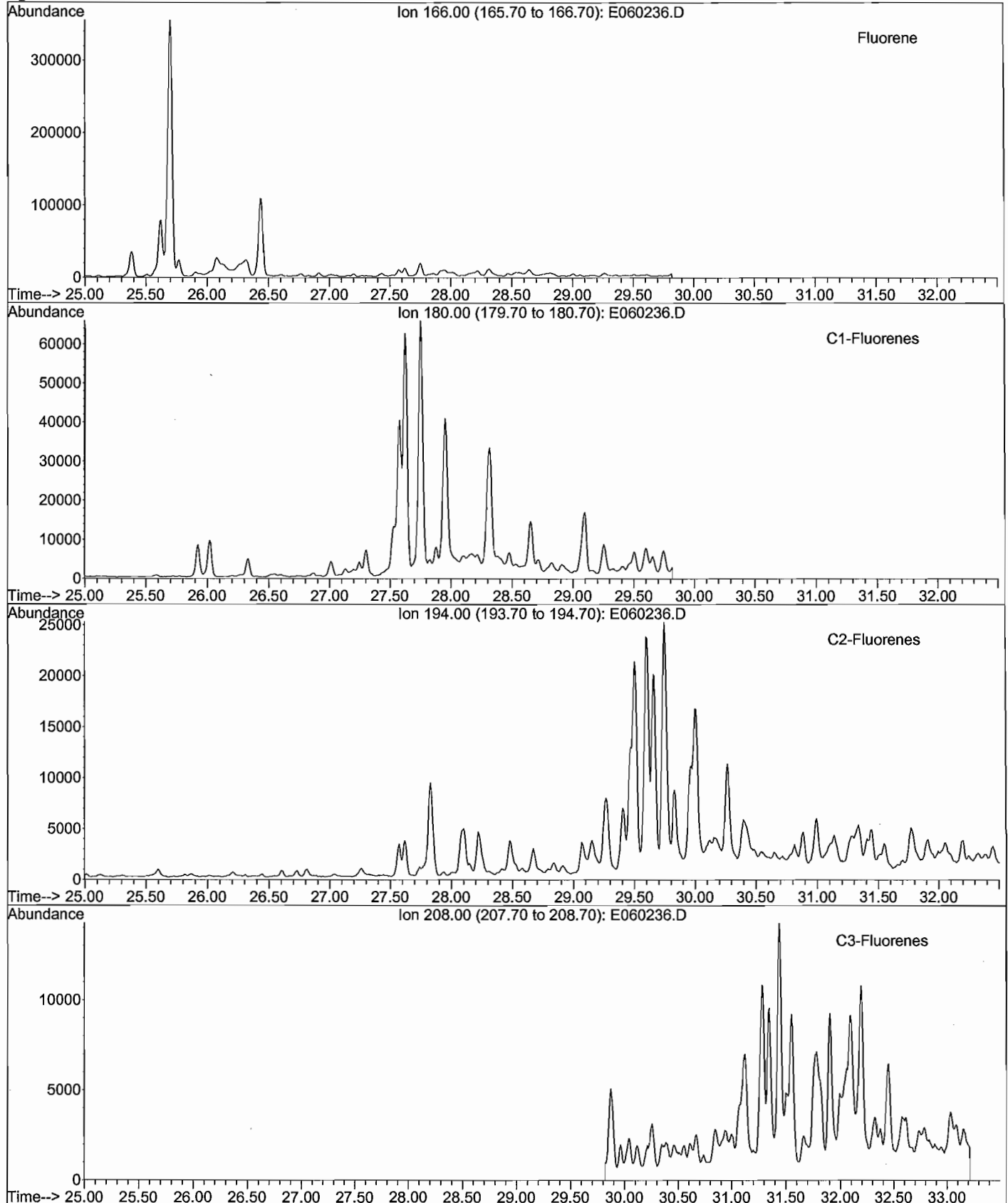
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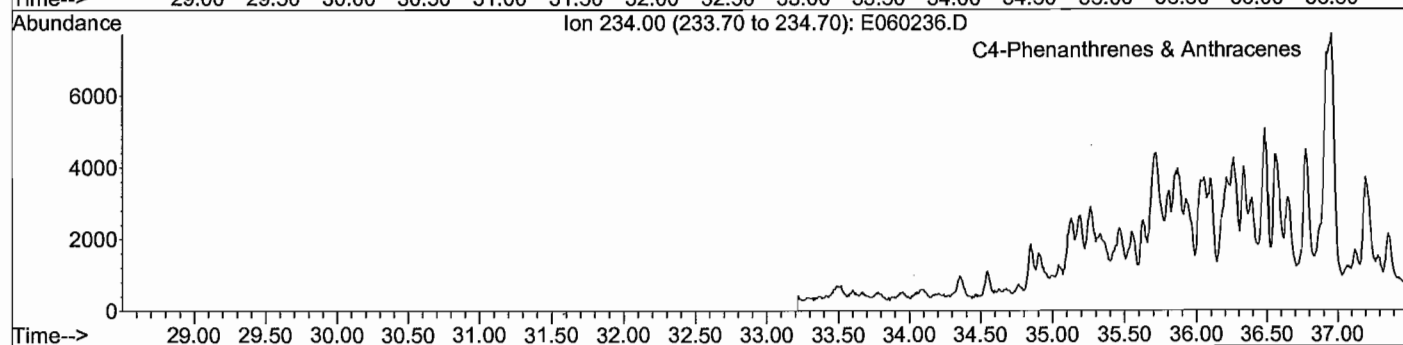
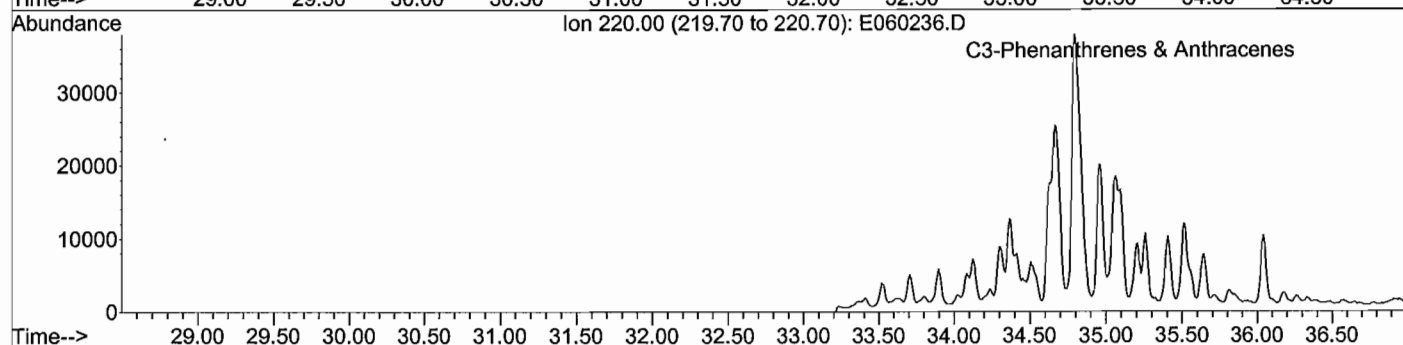
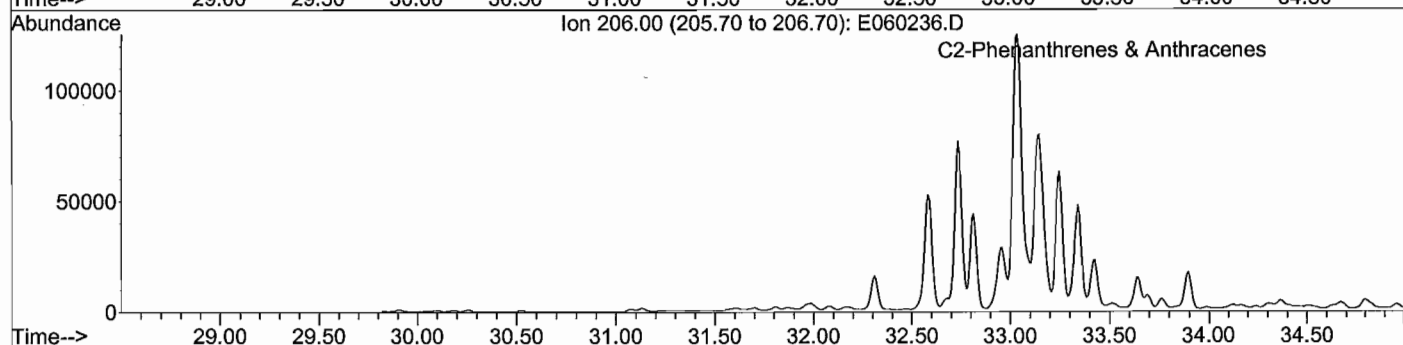
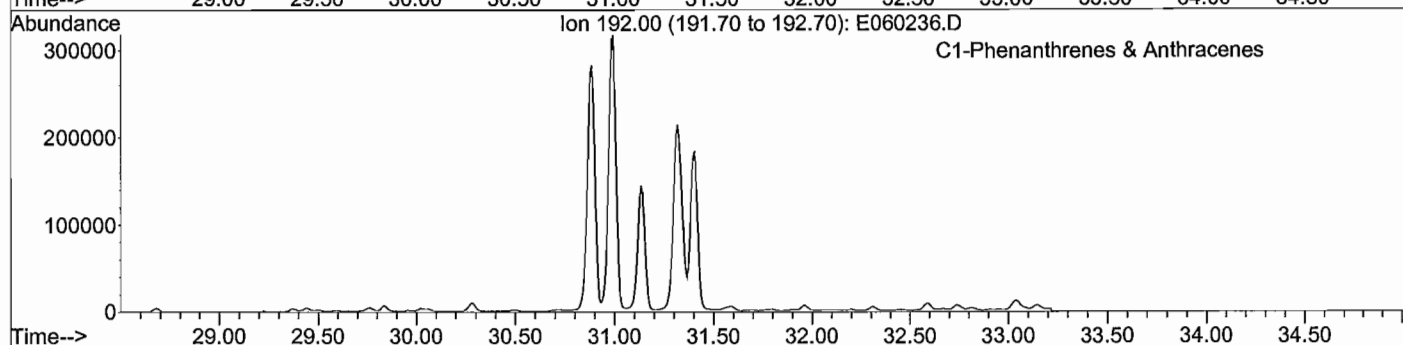
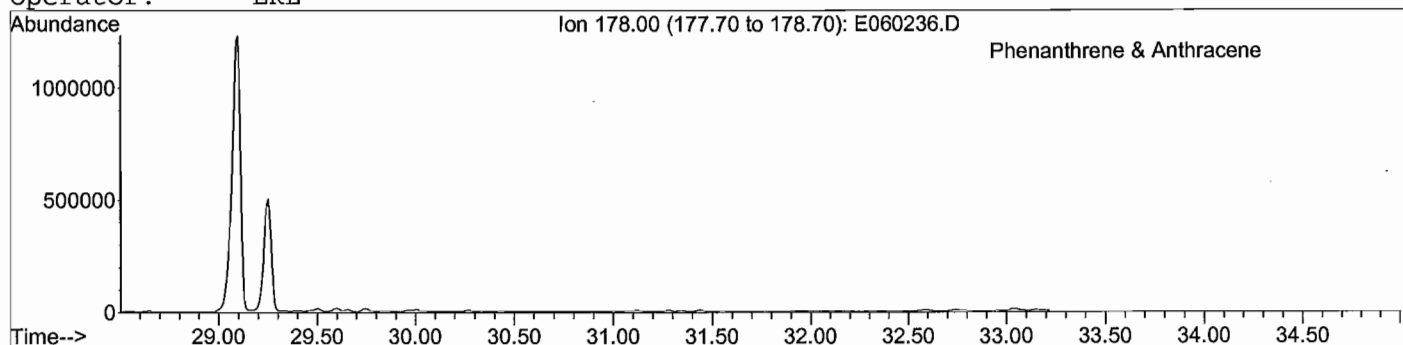
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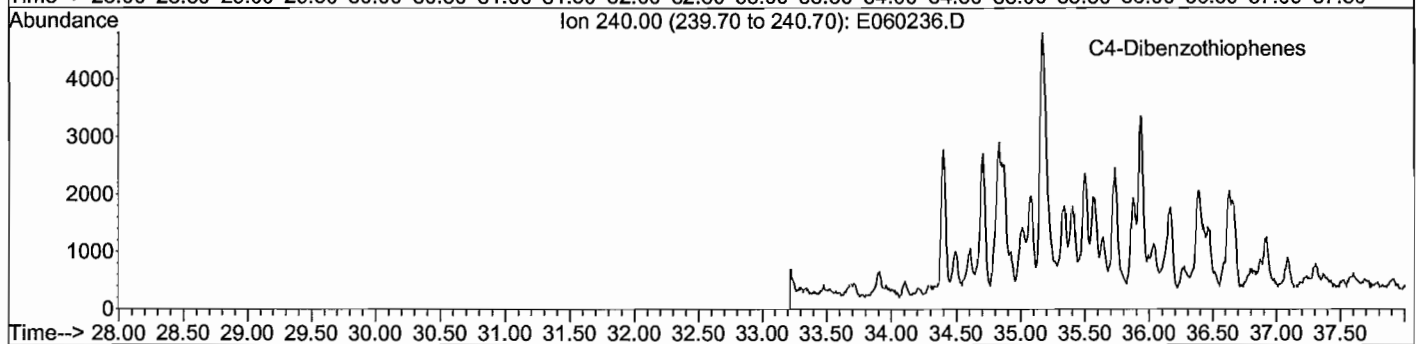
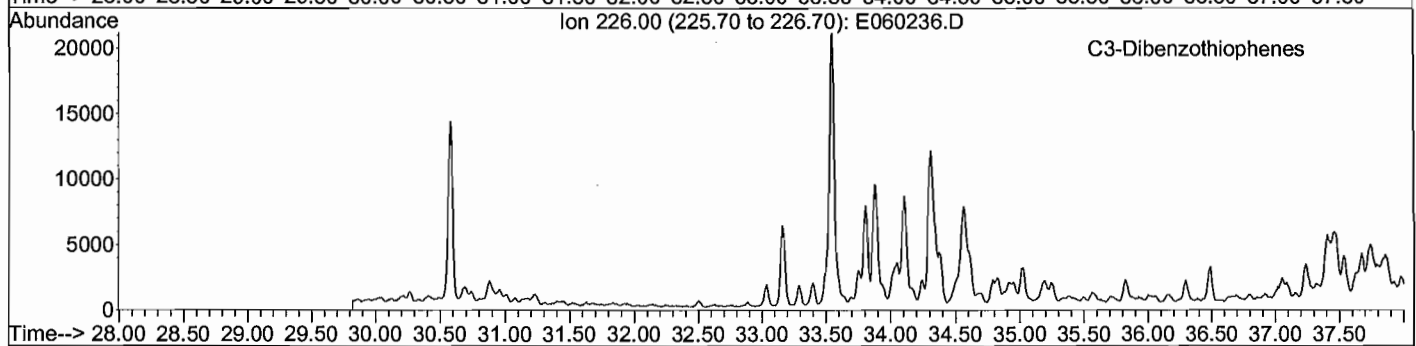
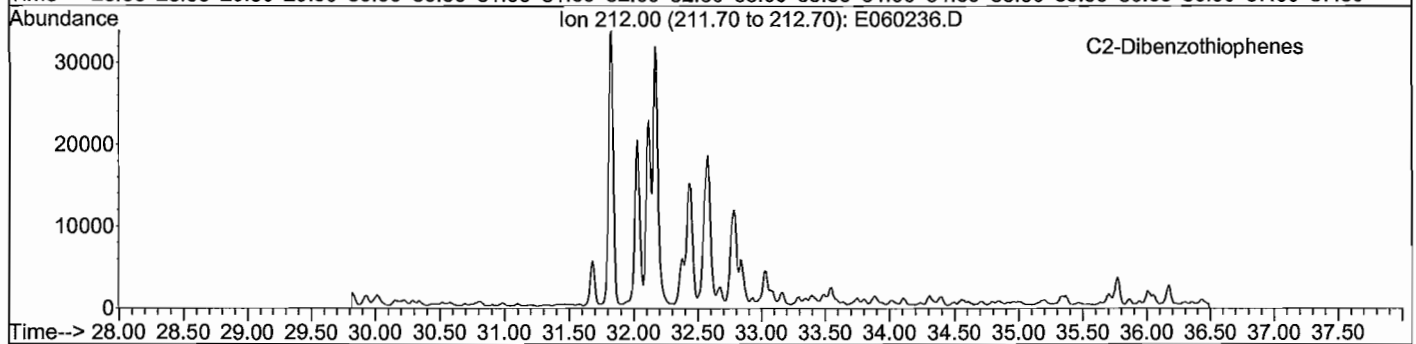
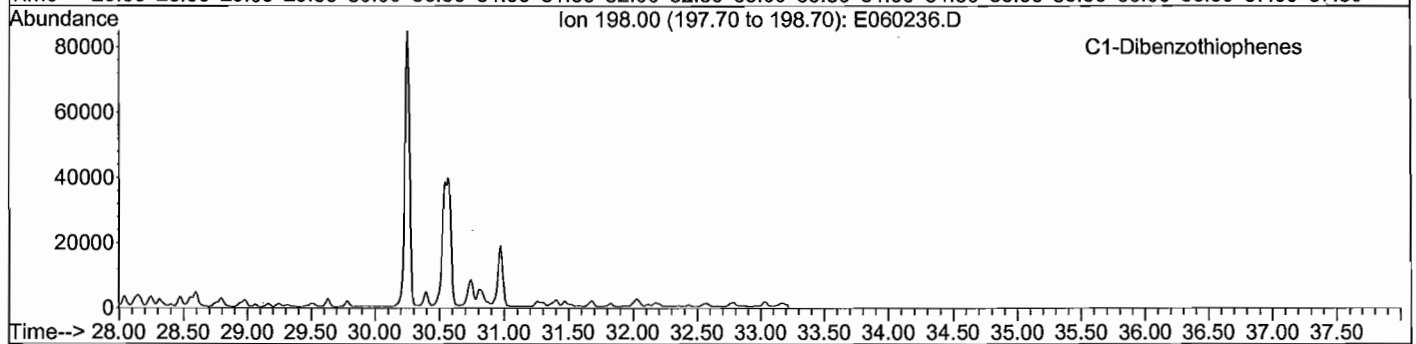
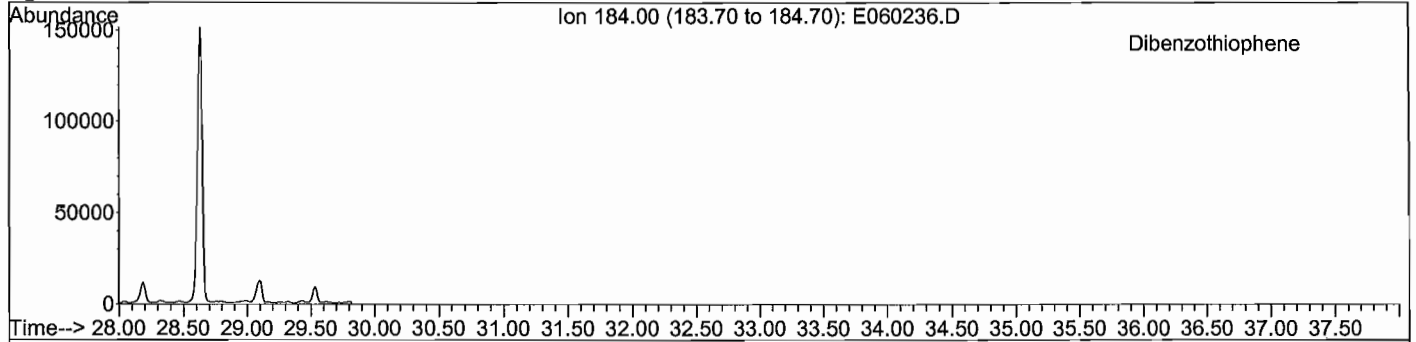
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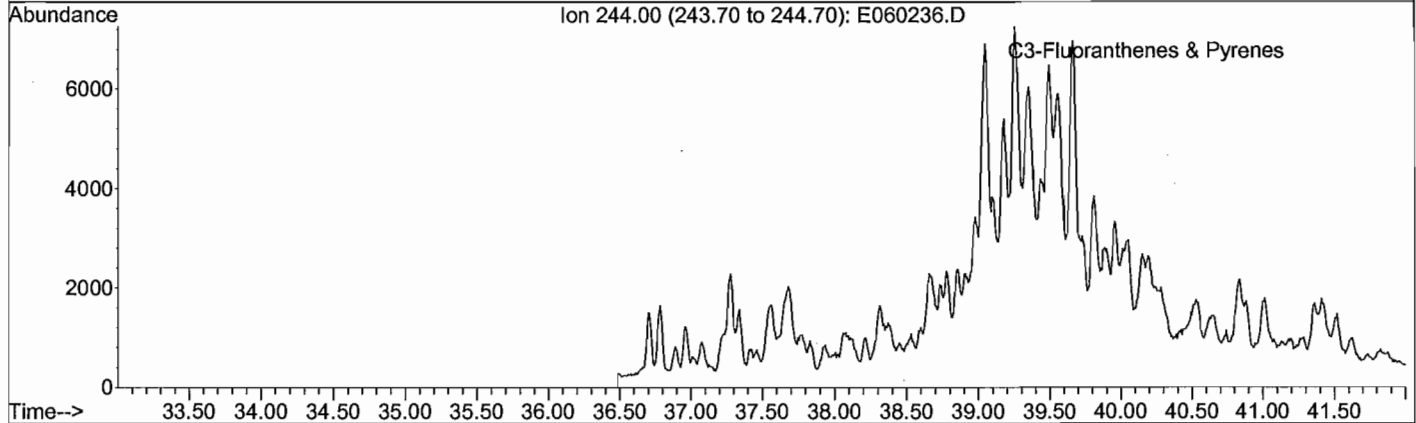
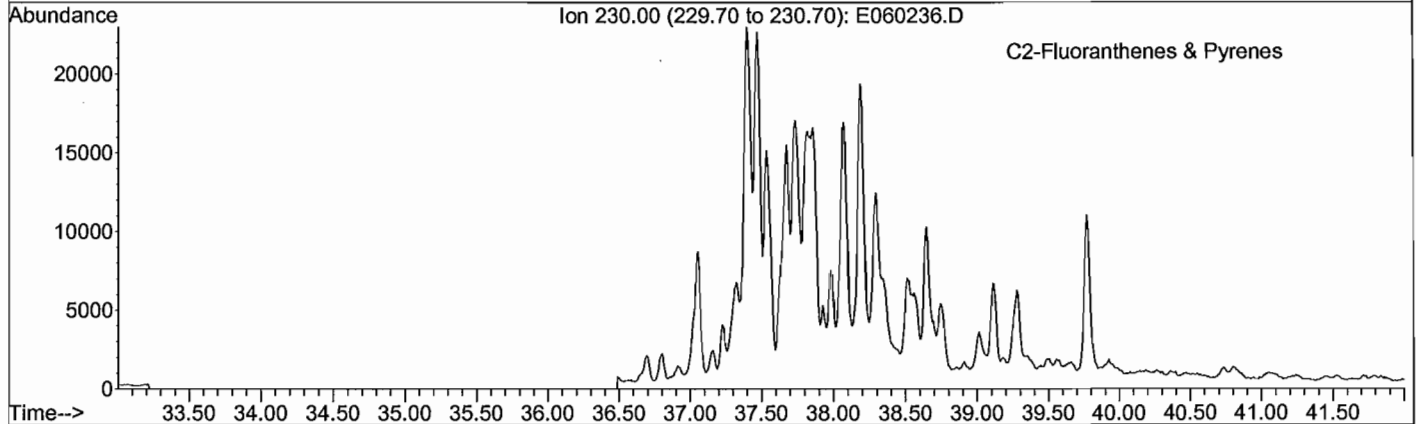
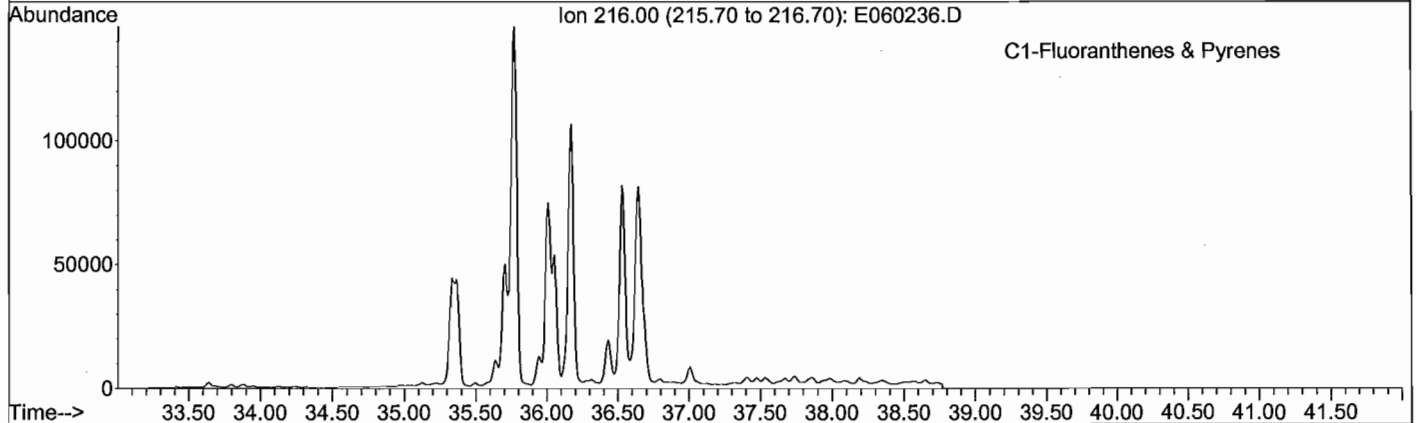
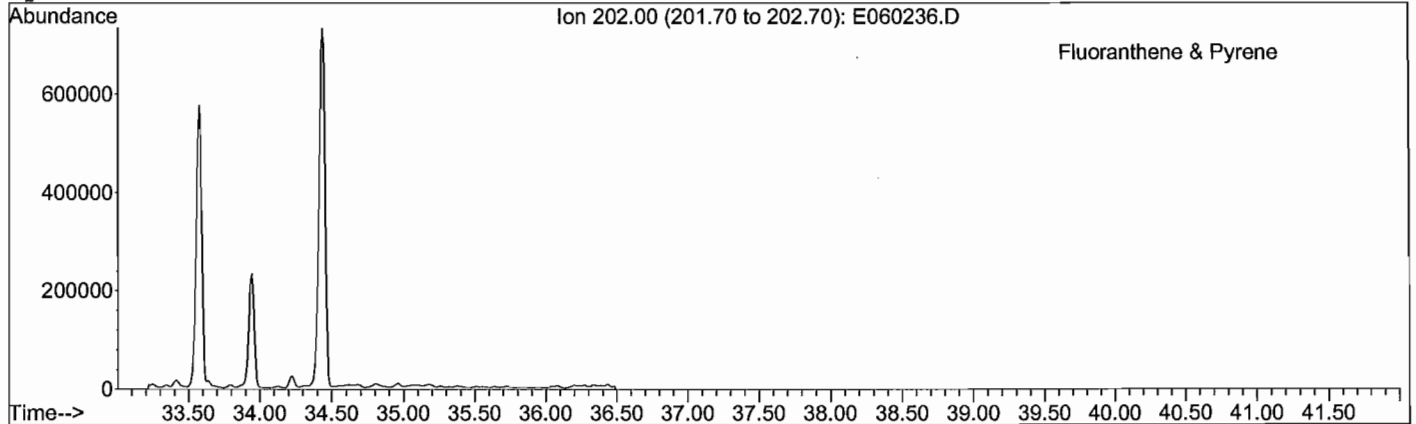
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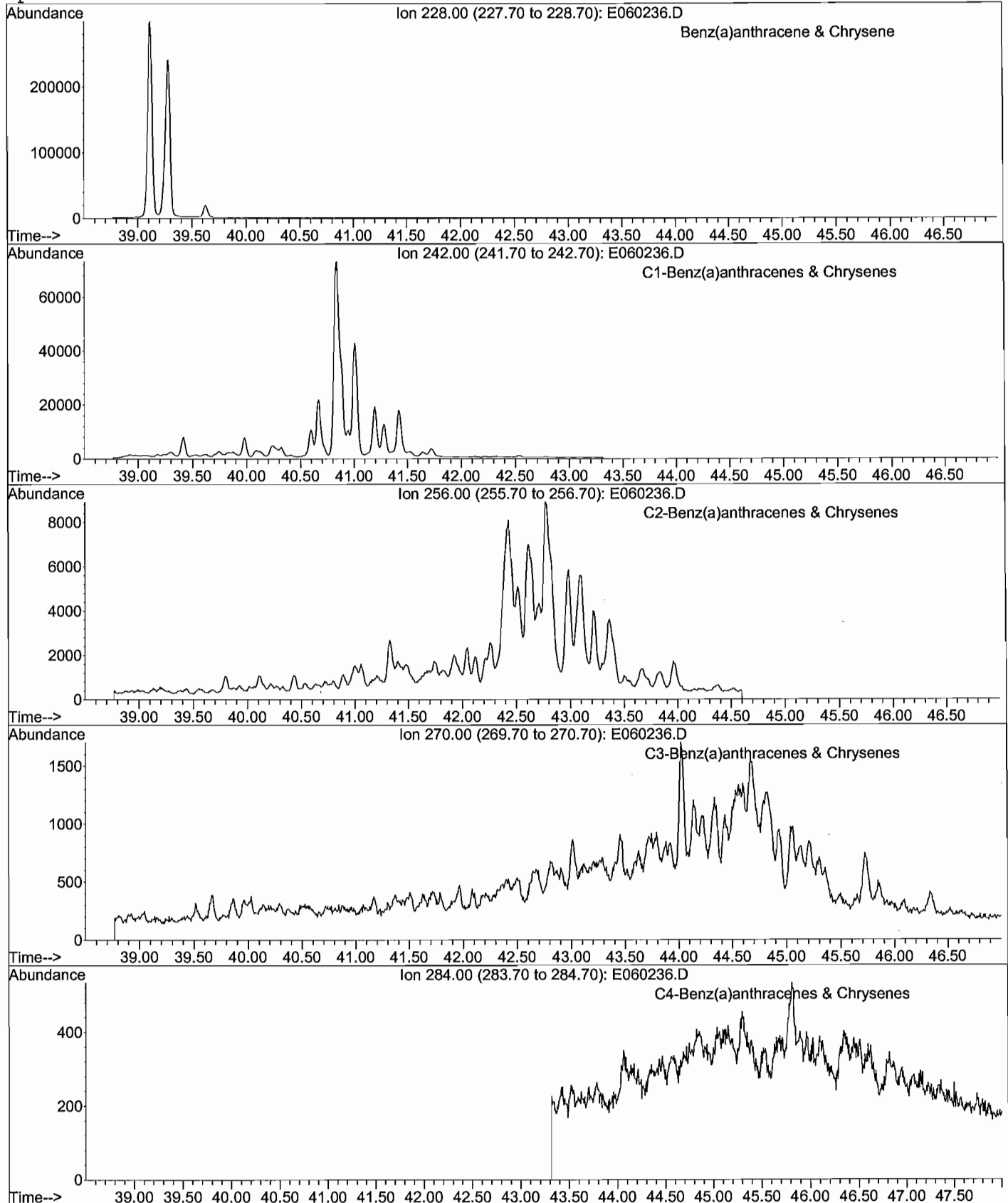
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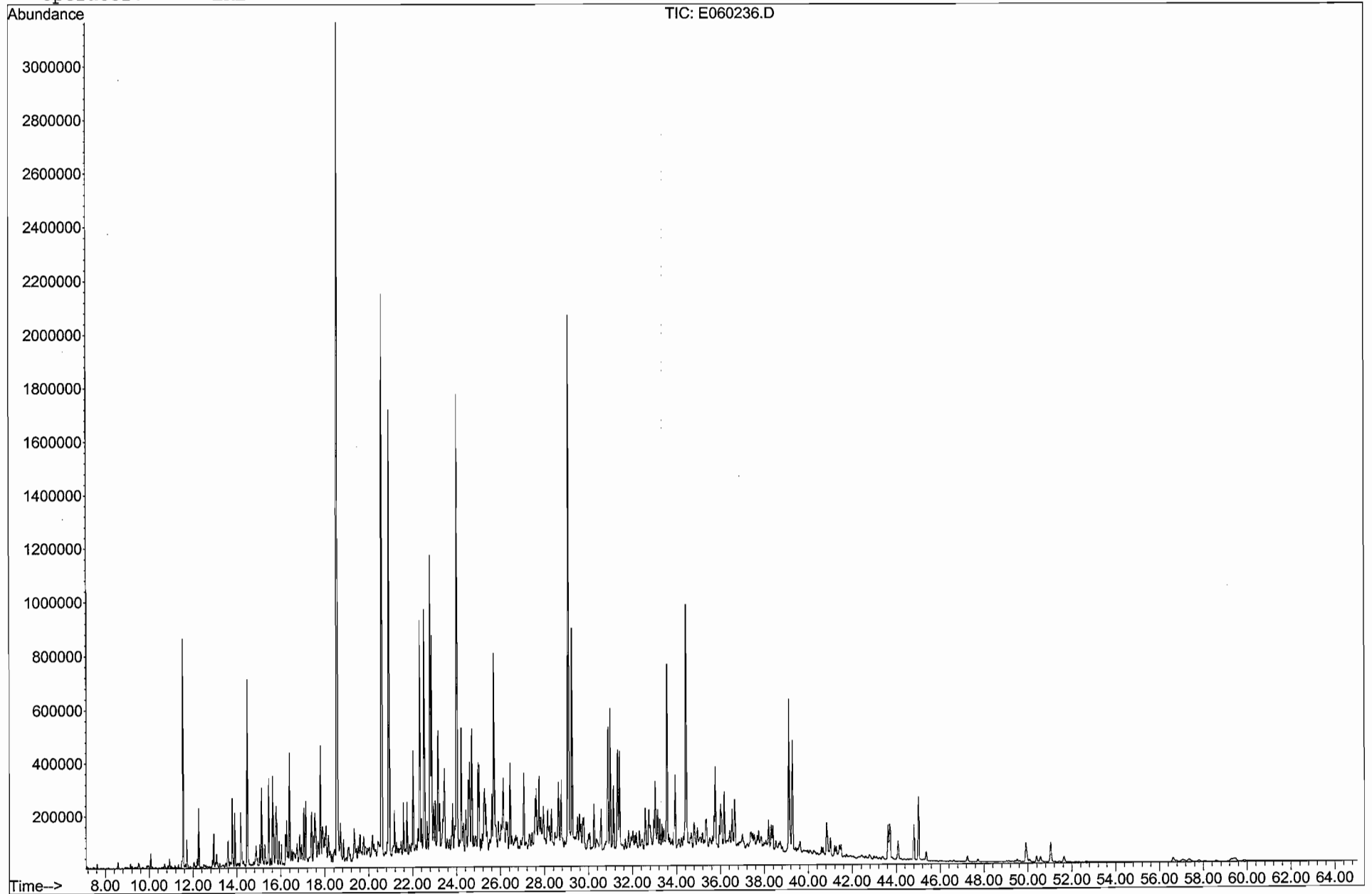
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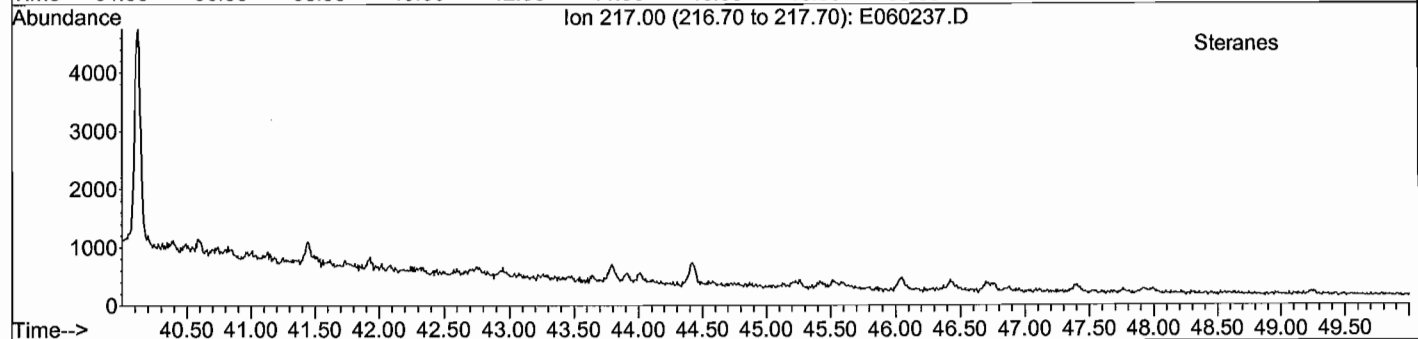
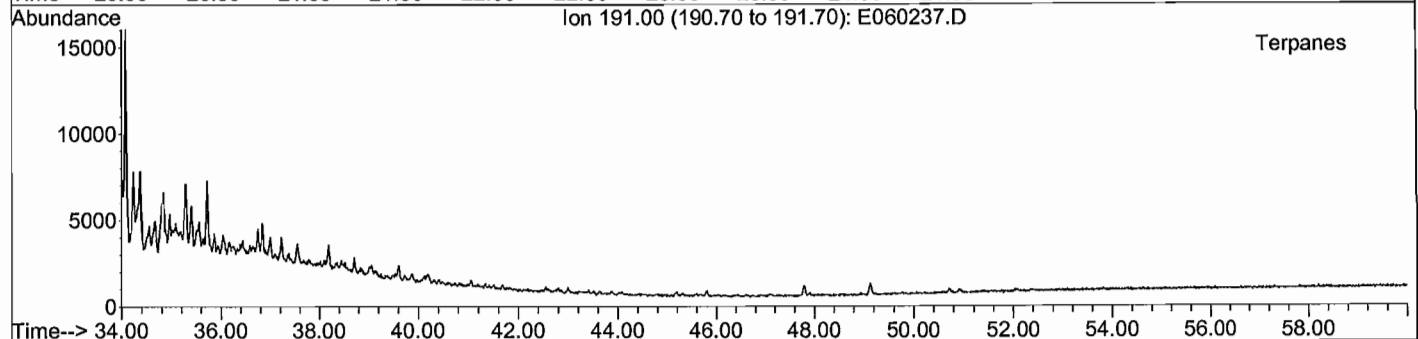
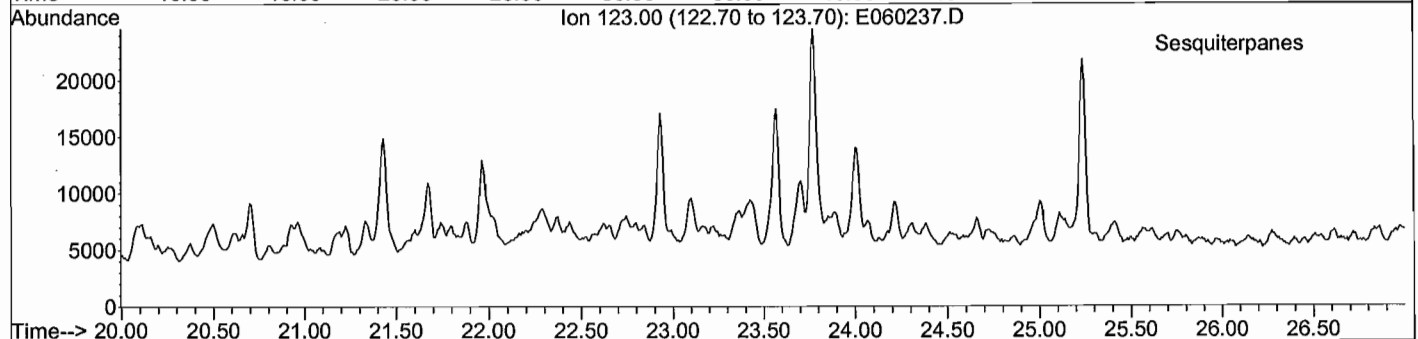
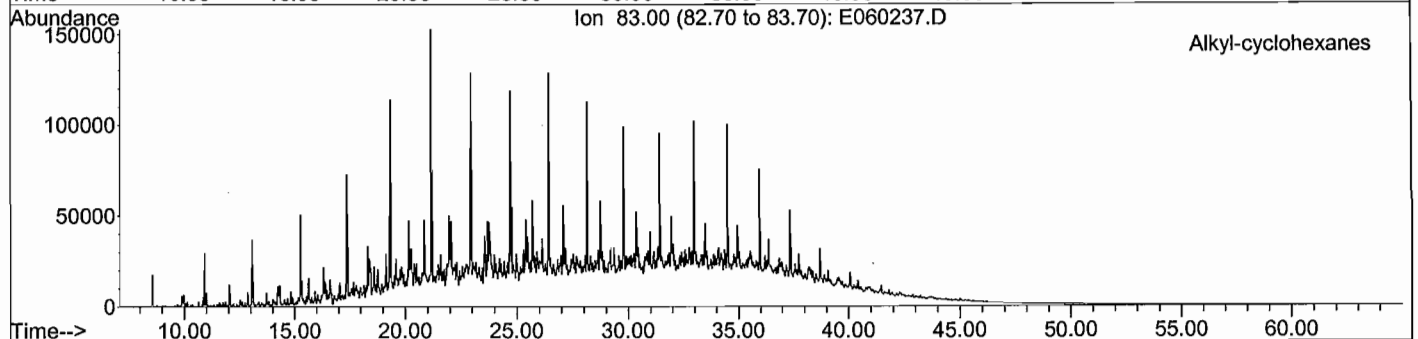
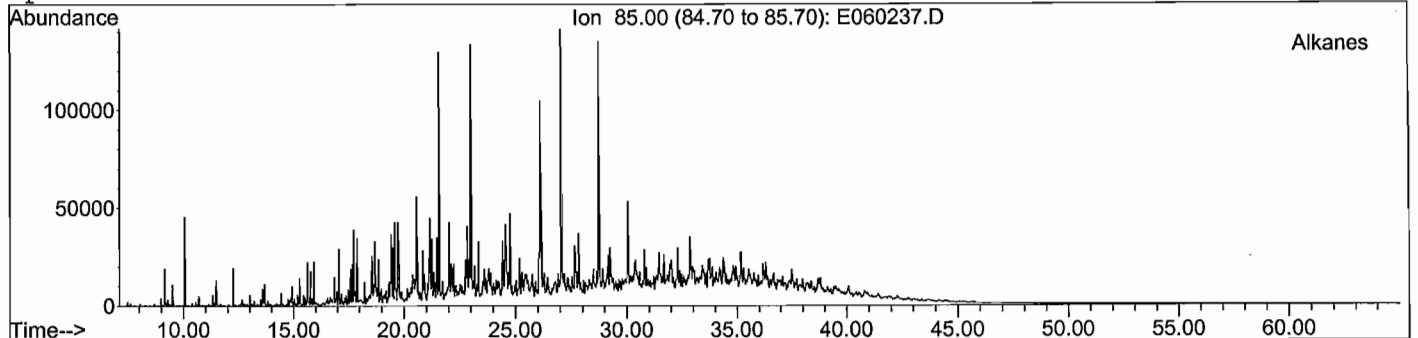
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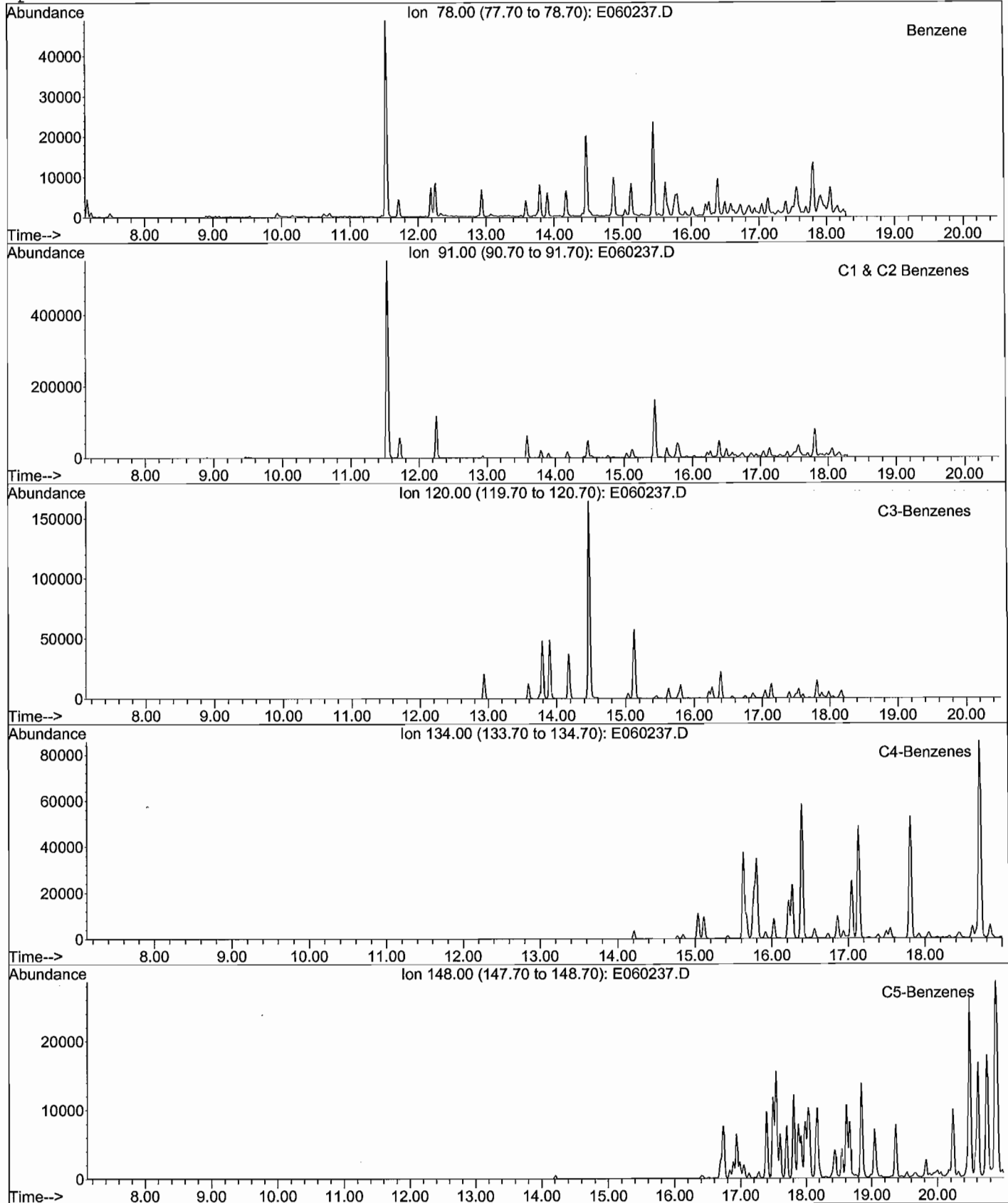
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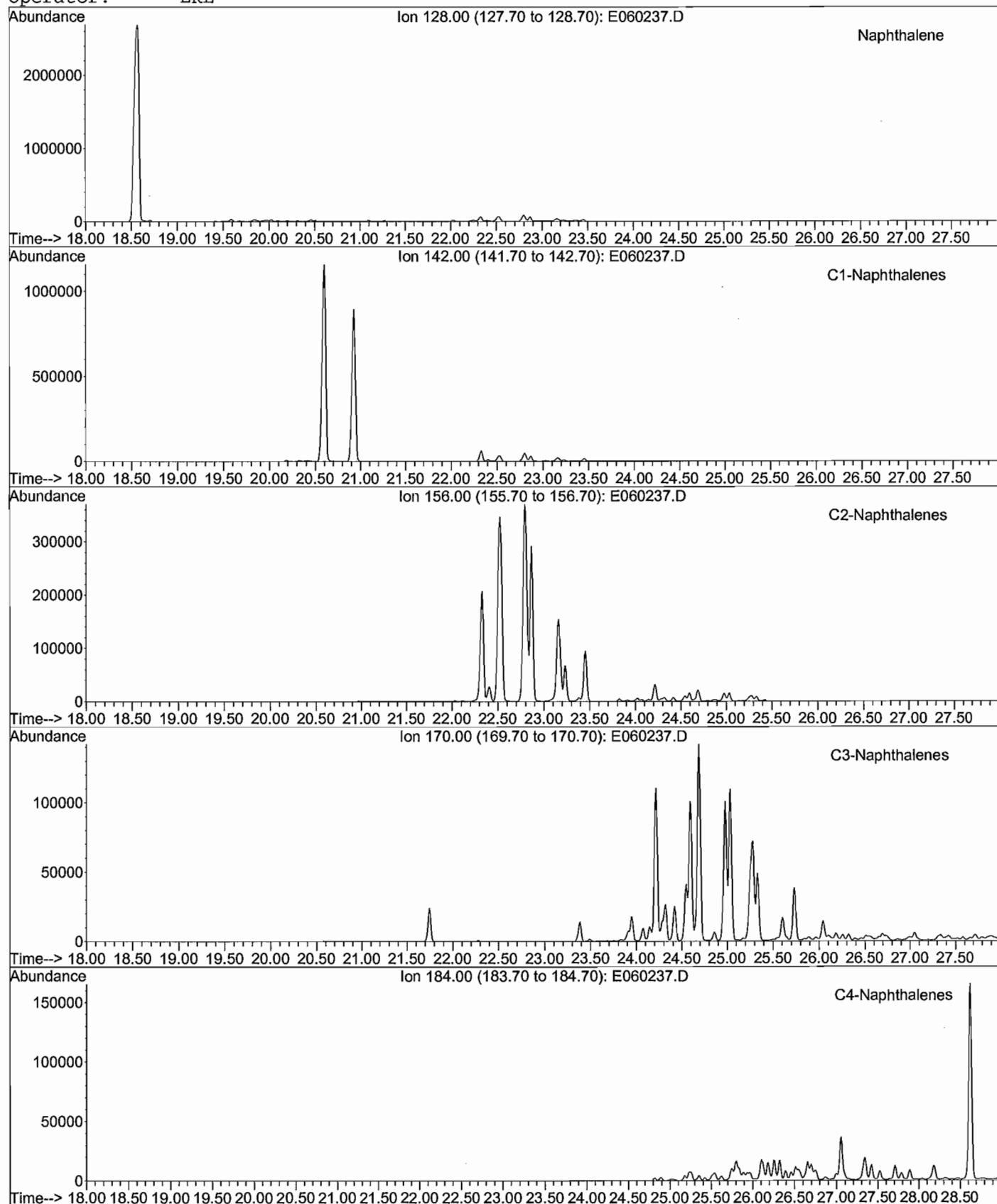
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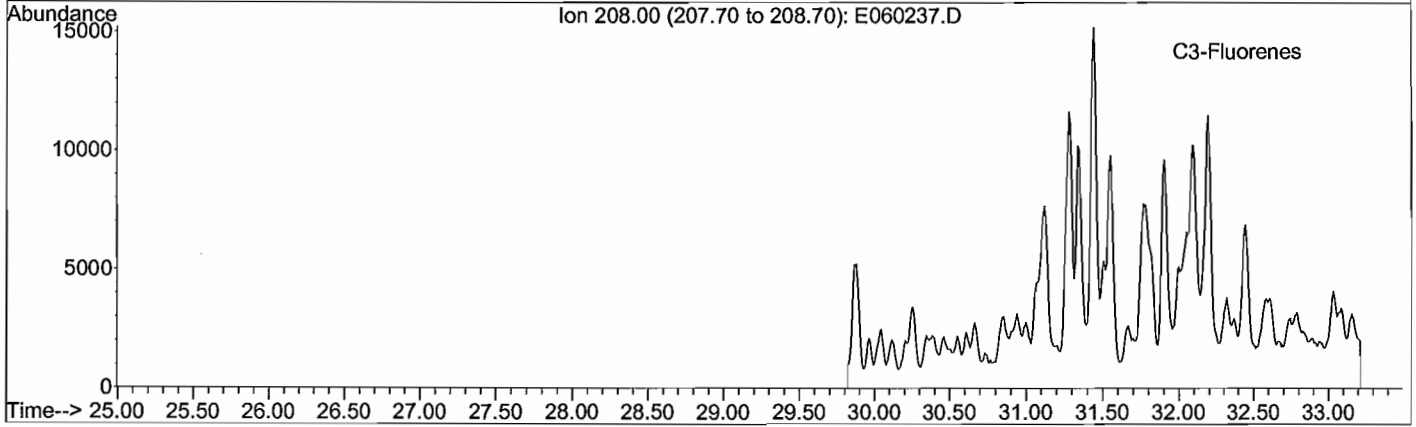
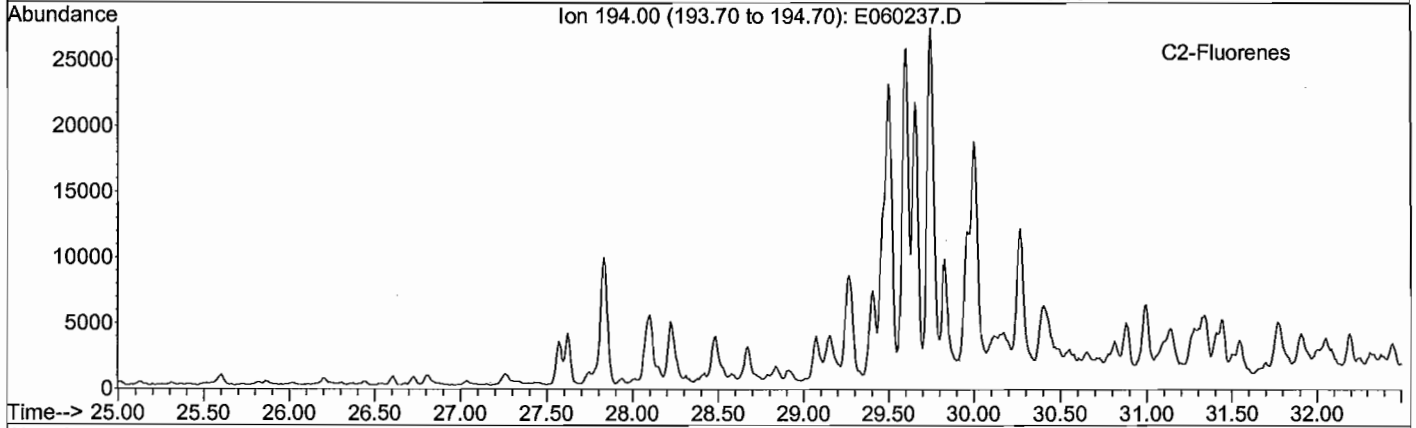
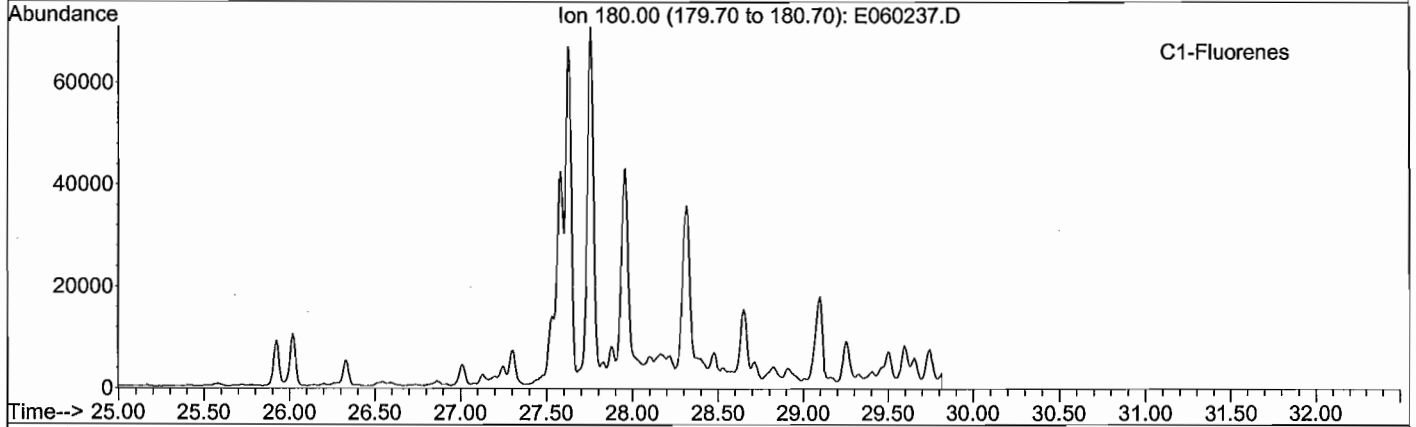
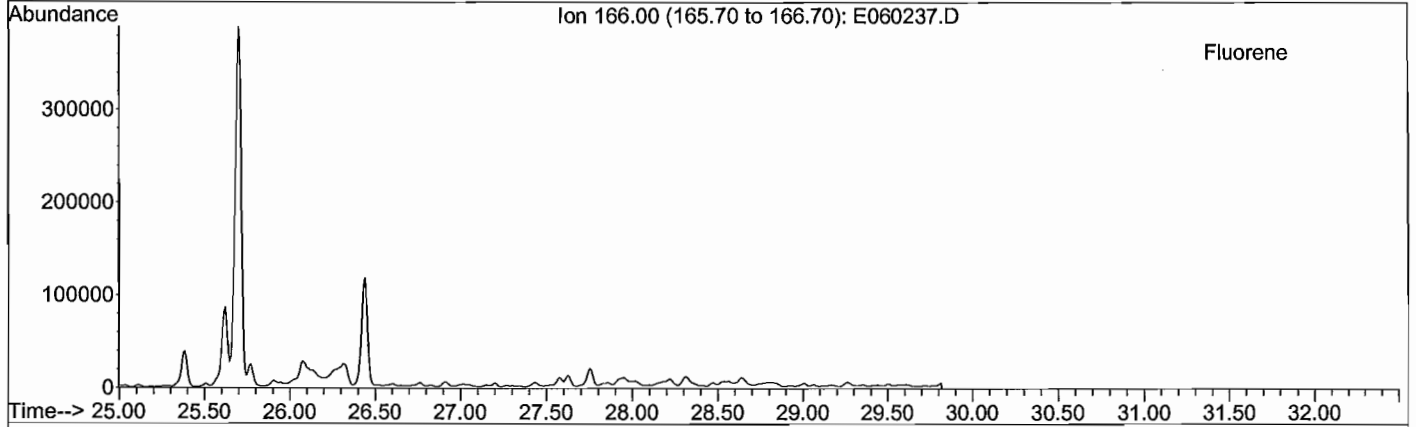
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 Operator: ERL



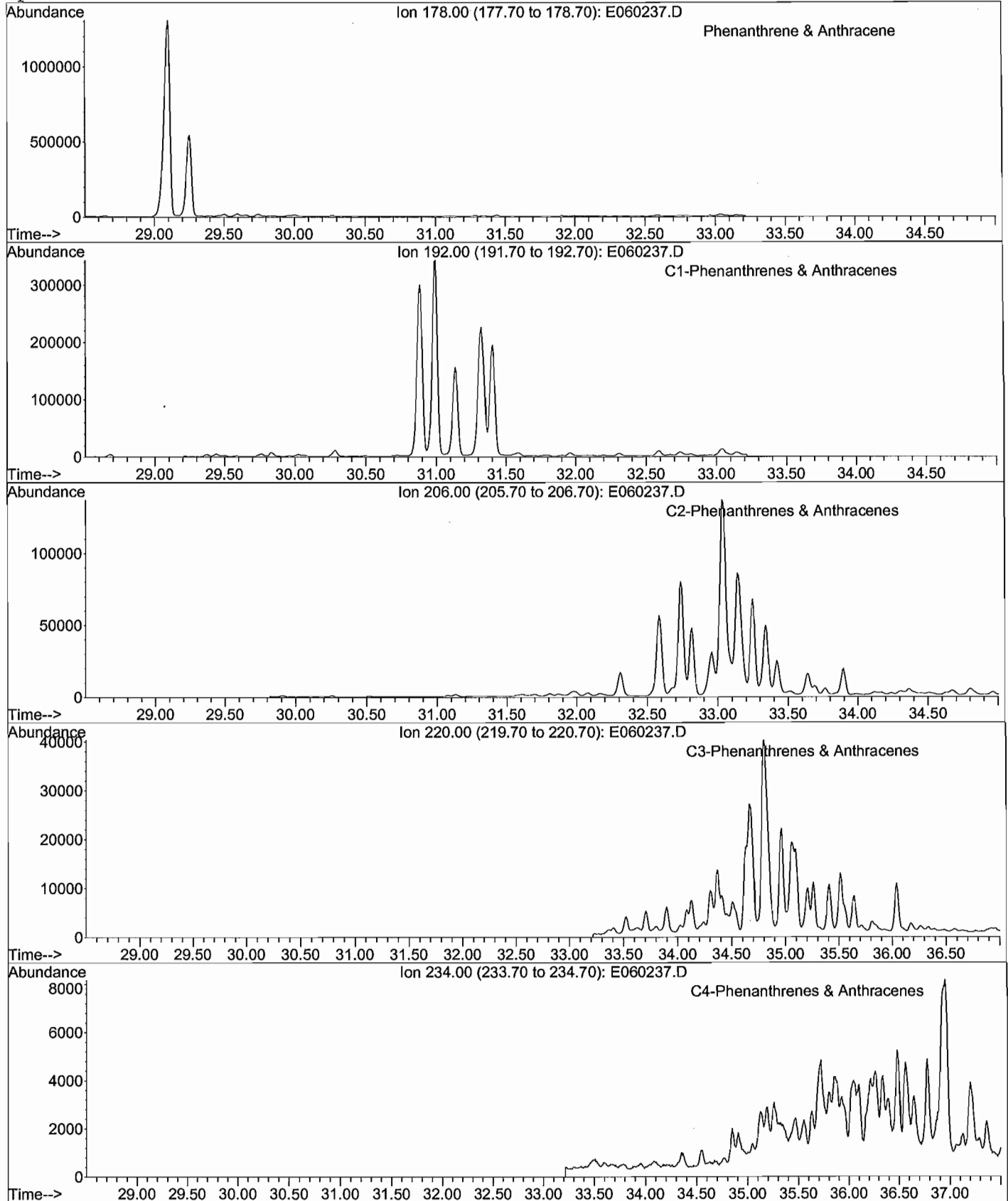
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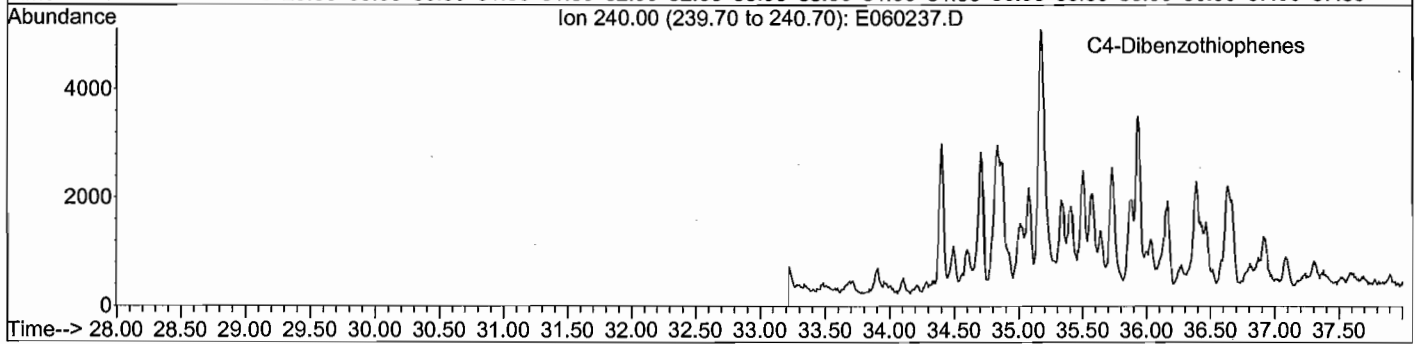
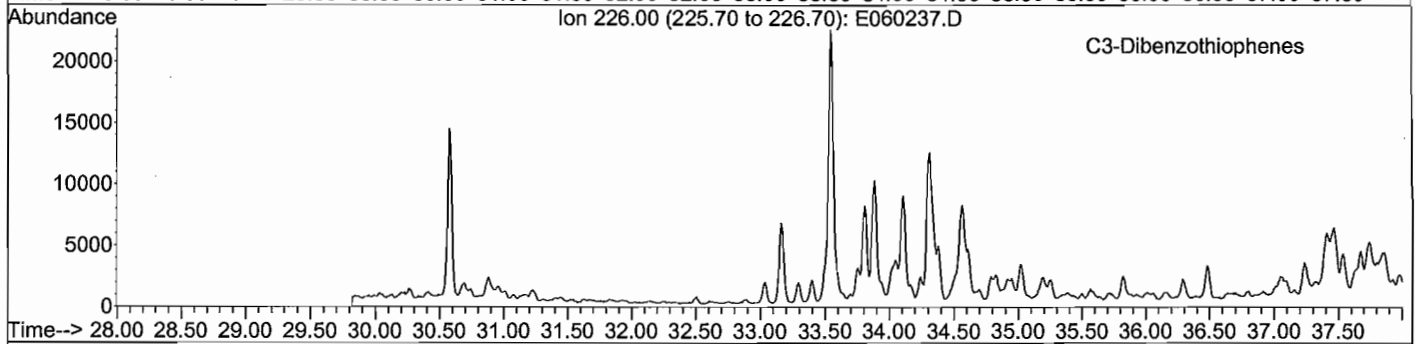
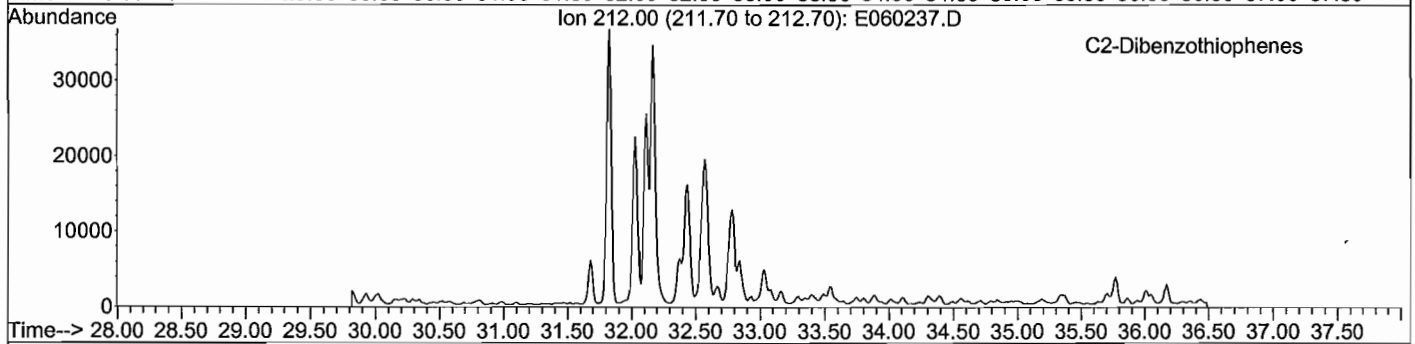
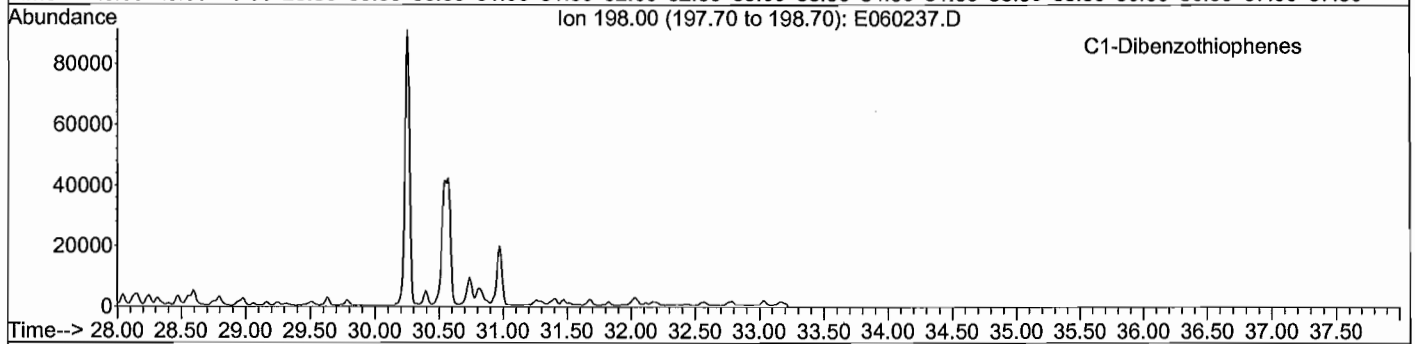
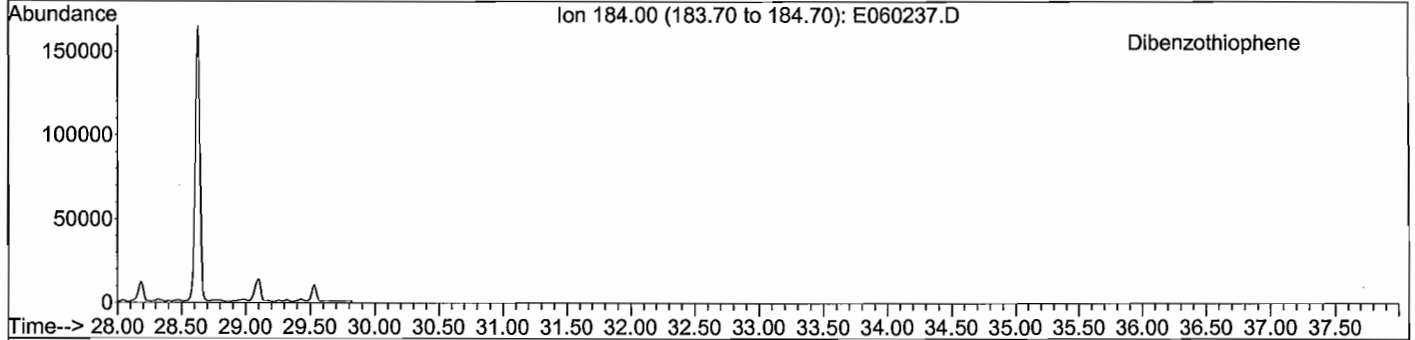
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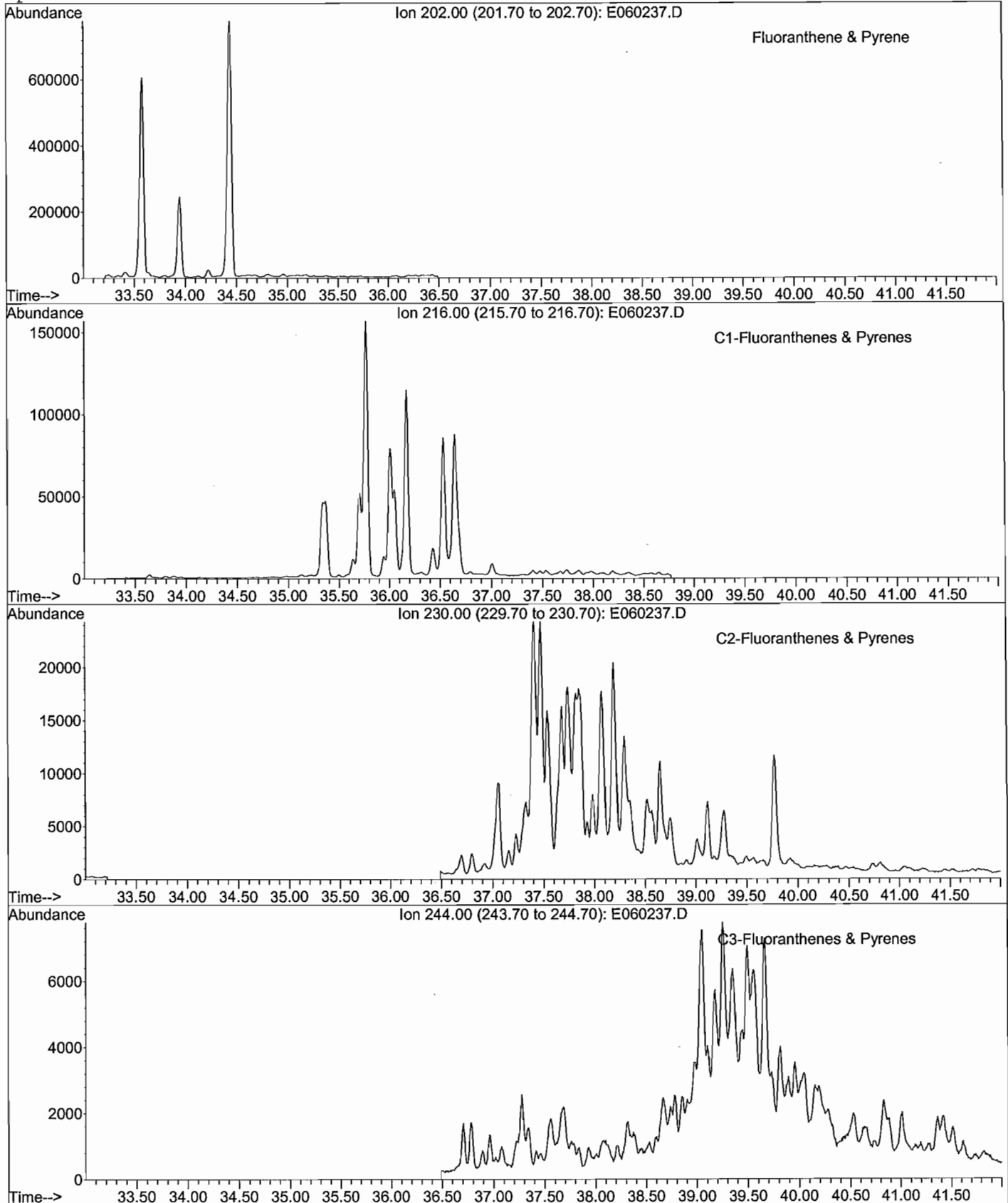
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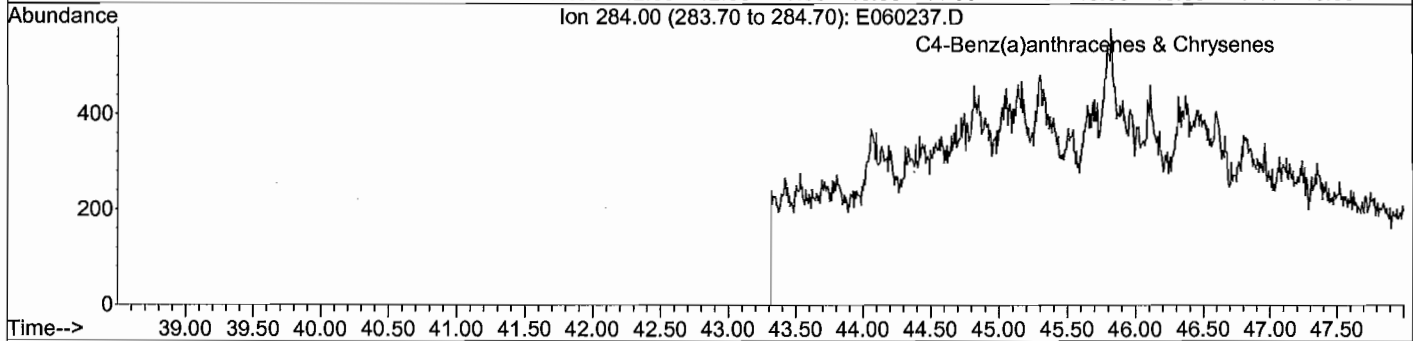
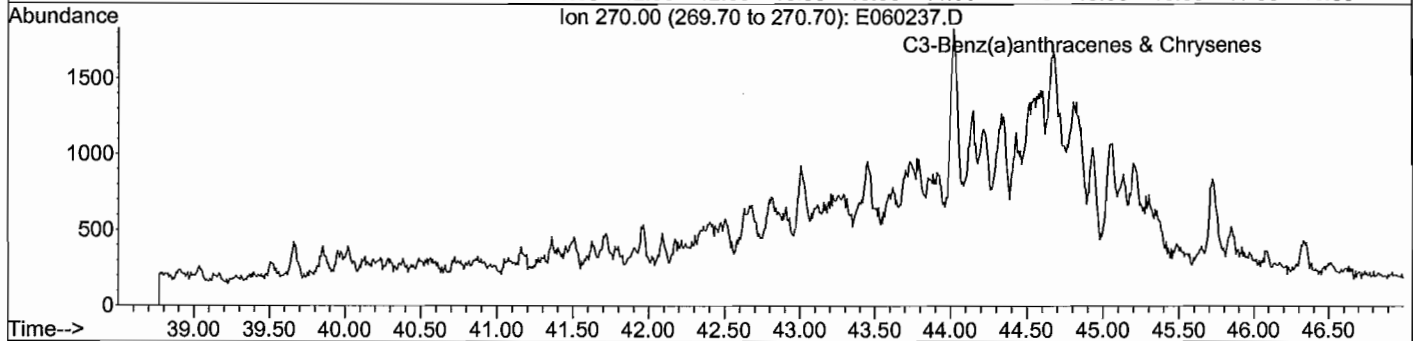
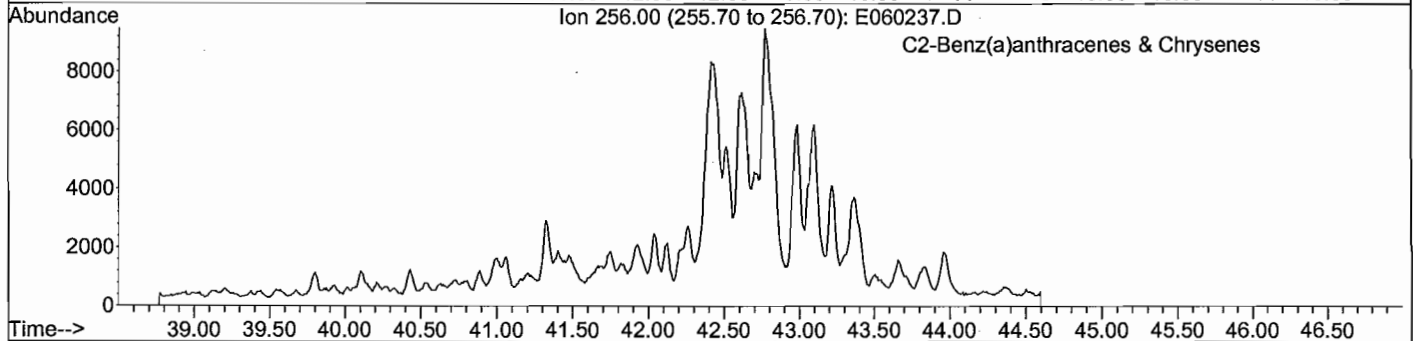
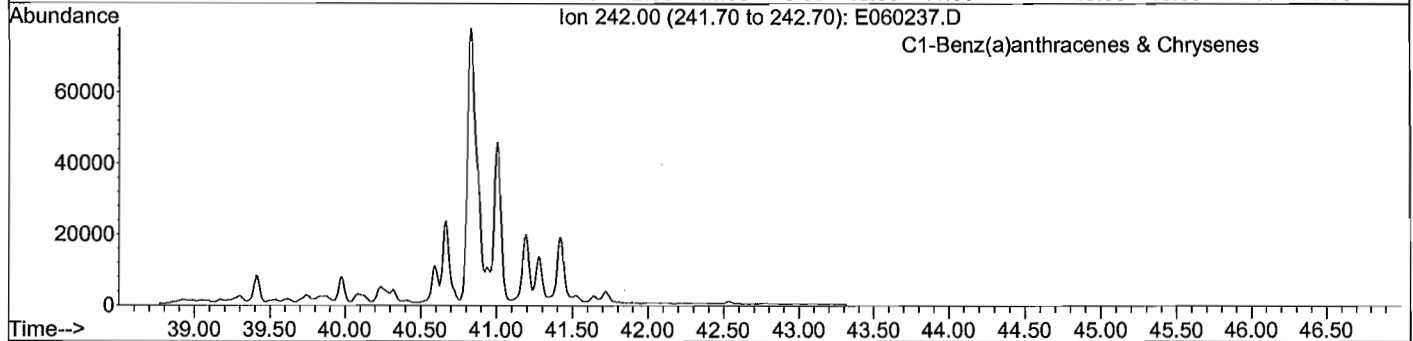
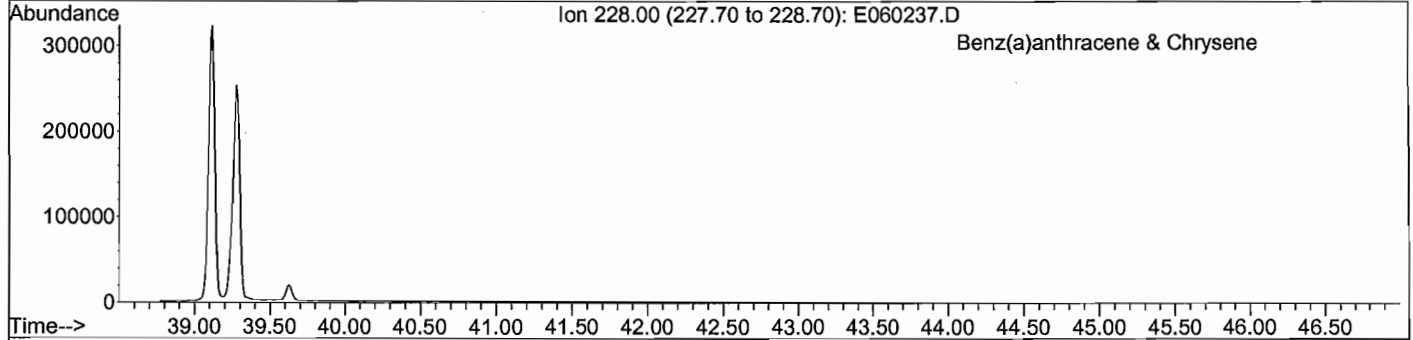
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Misc Info: MW-19 (16-18) 10x
Operator: ERL



Environmental Forensic Report

Con Edison – Farrington St.

SDG: PA090711



Report To:

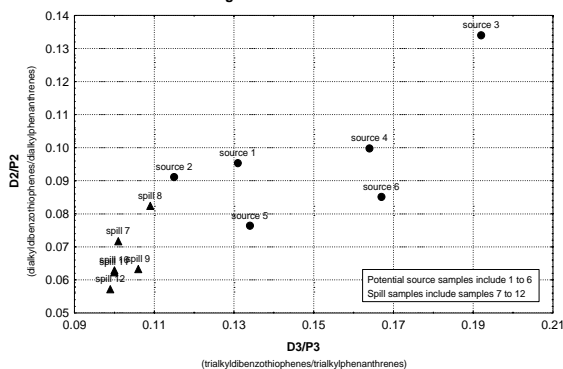
Parsons
290 Elwood Davis Dr.
Suite 312
Liverpool, NY 13088

Report By:

META Environmental, Inc.
49 Clarendon Street
Watertown, MA 02472

August 11, 2009

Figure 1. Double Ratio Plot



Identifying and allocating sources of pollutants in complex environments.

Final Laboratory Report

META Environmental, Inc.
49 Clarendon Street
Watertown, MA 02472
Phone: 617-923-4662
Fax: 617-923-4610
E-Mail meta@metaenv.com

Certification

This certifies that this package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed herein. The results included in this data report relate only to the samples as received and analyzed by the laboratory.

Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager and Quality Assurance Officer, as verified by the following signatures.



Eric Litman
Environmental Scientist, Project Manager

August 11, 2009

Date



David M. Mauro
Senior Scientist, Quality Assurance Officer

August 11, 2009

Date

Sample Delivery Group Narrative

Project: Con Edison – Farrington St.
Client: Parsons
Report Contact: Shane Blauvelt
Dates of Receipt: July 11th, 2009
Sample Summary: The sample received for this project is summarized in the attached sample login forms. (Appendix A)
META Project Number: P06011
SDG No.: PA090711
Total Pages in Report: 51

Chain of Custody

The sample was received in good condition. The internal temperature of the shipping container was within the recommended 0-6°C range and was as follows:

Samples received: 07/11/2009 0.0°C Ice present

Internal chain of custody procedures were followed after sample receipt. Samples were stored in a locked refrigerator. A sample custody logbook contains the record of sample removal from the secure sample storage area to the sample preparation laboratory. The custody record for the sample extracts is present on the sample extraction logbook page.

The disposal of samples and extracts will be authorized one month after the release of this data report. Sample disposal will be documented.

Methods

The soil sample was prepared by solvent extraction (EPA 3570) using dichloromethane (DCM). The extracts were spiked with internal standard and analyzed by GC/FID (EPA 8100M) for fingerprinting and by GC/MS/SIM (EPA 8270M) for mono- and polycyclic aromatic hydrocarbons (MAHs and PAHs), alkyl PAH homologues and other selected compounds.

Results

Sample results are presented in several appendices which follow this narrative.

Appendix B: GC/FID Fingerprints

Appendix C: MAH/PAH Concentrations

Appendix D: Extended MAH/PAH Profiles - Histograms

Appendix E: Extracted Ion Current Profiles (EICPs)

Quality Control

Analyte Flags

The detection limits were determined as the sample equivalent of the lowest linear initial calibration standard. Analytes measured between 50% and 100% of the lowest standard were reported as "estimated" and flagged with the letter "J." Undetected analytes were reported as null and flagged with the letter, "U." Analytes marked with a "B" were detected in the associated blank and should be reviewed for a possible positive bias. No deviations were thought significant enough to compromise the integrity of the reported values.

Holding Times

The soil samples were extracted within holding time. The sample and extracts were stored at 4°C ± 2°C prior to extraction and analysis. The extracts were analyzed within 40 days of sample preparation.

Surrogate Spikes

Extraction surrogates were added to all samples prior to extraction. All surrogate compounds were recovered within the 50%-120% acceptable criterion.

Blanks

Benzene, toluene and styrene were detected in the blank at levels slightly above the detection limit.

Blank Spikes

A blank spike sample was extracted with each soil batch. All spiked compounds were recovered within the 70-120% acceptable criteria.

Duplicates

Sample SB-34 (8-13') was extracted and analyzed in duplicate. Relative percent differences are reported with the sample results in Appendix C.

Internal Standards

Internal standards were recovered within acceptable QC limits (50%-200%) relative to the continuing calibration standards.

Interpretation

Introduction

One sample of soil was received by META from the Con Edison – Farrington St. site on July 11, 2009. The sample was analyzed for a hydrocarbon fingerprint and an expanded list of MAHs and PAHs.

This report summarizes the findings and compares the samples.

Chemical Fingerprinting Technology

A detailed description of chemical fingerprinting technology used in this study can be found in the Con Edison – Farrington St. report dated April 29, 2009.

Sample-Specific Observations

SB-34 (8-13')

Sample SB-34 (8-13') contained a mixture of pyrogenic and petrogenic materials (see definitions). The pyrogenic material was indicated by a wide range distribution of unsubstituted mono- and polycyclic aromatic hydrocarbons (MAHs & PAHs). The concentrations of MAHs, naphthalene, methylnaphthalenes, and other low molecular weight PAHs (LPAH) were low relative to the 3-, 4-, 5-, and 6-ring PAHs (HPAHs). This suggests that the sample has been subjected to substantial environmentally induced degradation or weathering.

The ratio of fluoranthene to pyrene (0.753) as well as the double ratio plots of dibenzofuran/fluorene (D/F) to F/P (Figure 1) and benzofluorenes/methylpyrenes (BF/MP) to F/P (Figure 2) shows that this material is very similar to tars in META's reference library that were formed from manufactured gas plants (MGPs) utilizing carbureted water gas processes.

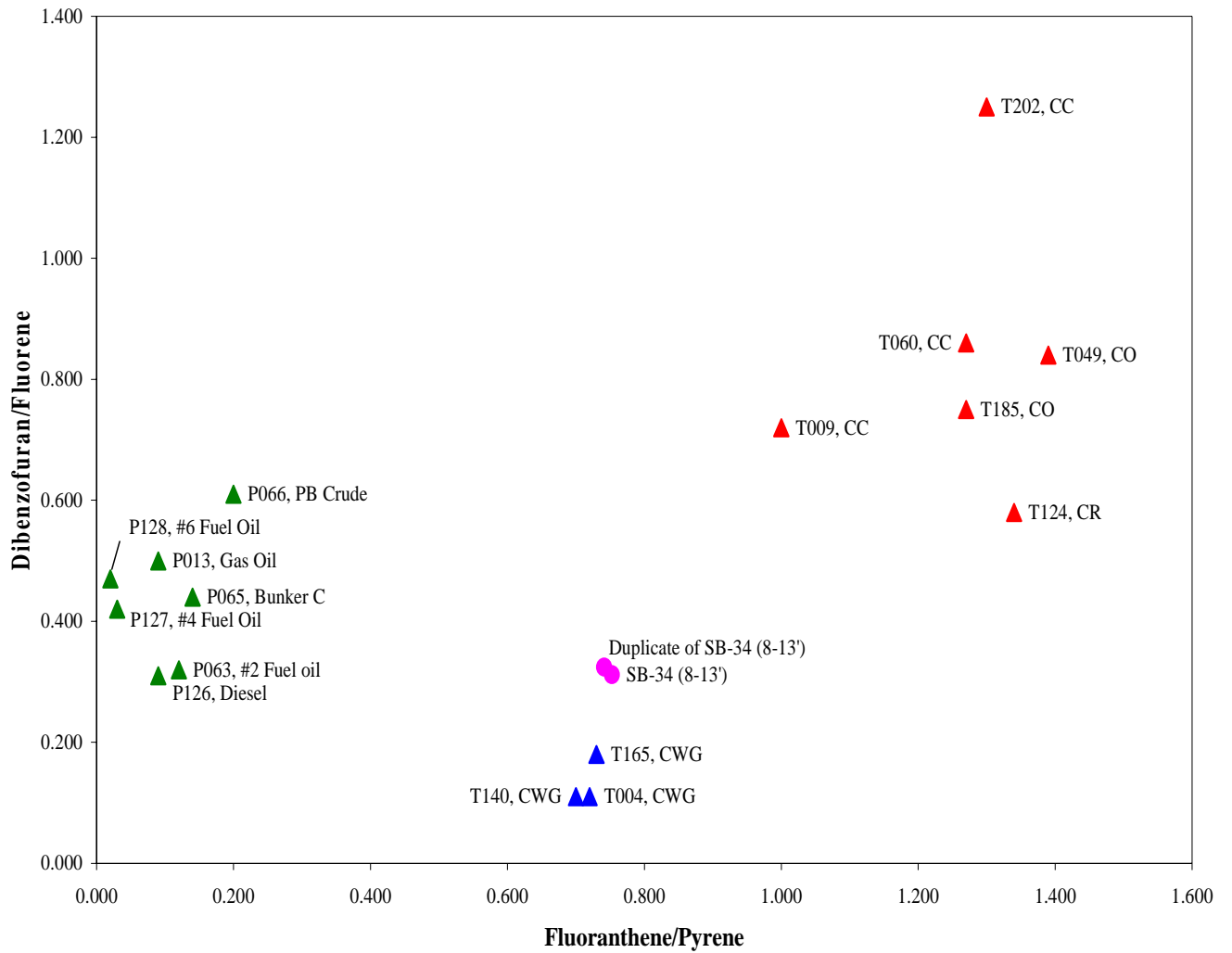
The petrogenic material was indicated by an unresolved complex mixture (UCM) that eluted from about 10 minutes (C8 – octane) to about 45 minutes (C34 – tetratriacontane) with a maximum at about 30 minutes (C20 – eicosane) in the GC/FID chromatogram. The presence of isoprenoid compounds including pristane and phytane as well as alkyl-cyclohexane hydrocarbons and sesquiterpane petroleum biomarkers in the GCMS extracted ion current profiles (EICPs - Appendix E) indicates that this material was produced from petroleum.

Normal alkanes were absent from the sample indicating that this petrogenic materials has also experienced substantial environmentally induced degradation. Some slight variations in the UCM may indicate the presence of a mixture of similar fuel types. Examples of common

petroleum products with these features include blended fuel oils such as No. 4 or No. 6 fuel oils, and other mixed materials containing No. 2 fuel oils and gas oil.

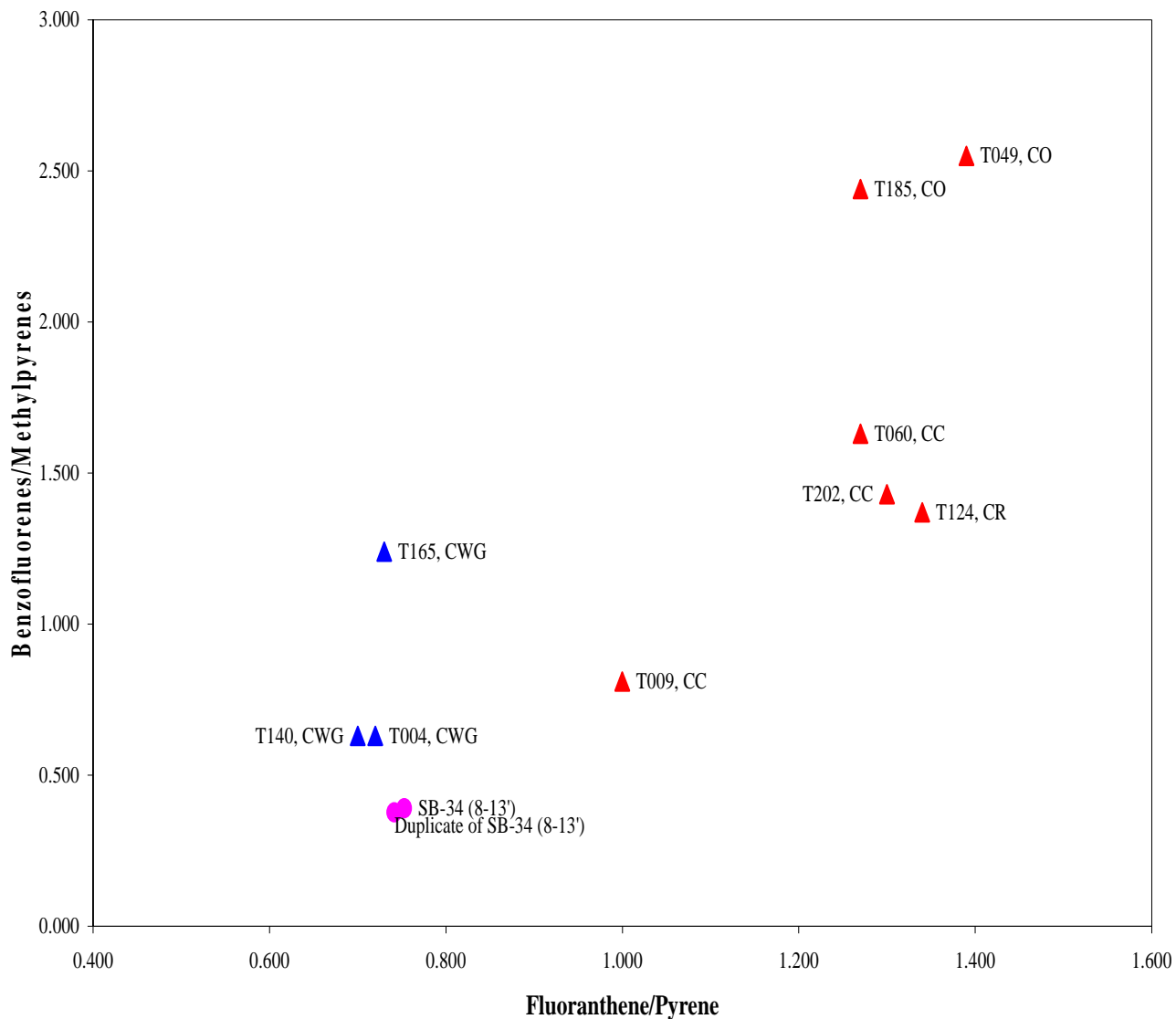
The petrogenic and pyrogenic components found in sample SB-34 (8-13') are similar to other materials that META has detected in samples from the Con-Edison – Farrington St. site. See results from sample delivery groups PA090421, PA090514, and PA090520.

Figure 1. Selected Diagnostic Ratios – Fl/Py v. D/F



TXXX Tar Sample from META's in house source library
 CC Coal Carbonization Tar
 CO Coke Oven Tar
 CR Creosote
 CWG Carbureted Water Gas Tar
 ● Field Samples

Figure 2. Selected Diagnostic Ratios – Fl/Py v. BF/MP



TXXX Tar Sample from META's in house source library
 CC Coal Carbonization Tar
 CO Coke Oven Tar
 CR Creosote
 CWG Carbureted Water Gas Tar
 ● Field Samples

Definitions

Pyrogenic substances are complex mixtures of primarily hydrocarbons produced from organic matter subjected to high temperatures but with insufficient oxygen for complete combustion. Pyrogenic materials are produced by fires, internal combustion engines, and furnaces. They also are formed when coke or gas are produced from coal or oil. Coal-tar based products, such as roofing, pavement sealers, waterproofing, pesticides, and some shampoos contain pyrogenic materials.

Petrogenic substances include crude oil and crude oil derivatives such as gasoline, heating oil, and asphalt.

Pitch is the semi-solid or solid material consisting of high molecular weight hydrocarbons that remain following coal tar distillation.

References

McNicoll, D., Tousignant, L.P., Augustine, P. "Facts and Fallacies: Petroleum Degradation in a Subsurface Environment." Contaminated Soil Sediment and Water, 17-21, June, July 2001

"Chemical Fingerprinting of Hydrocarbons," in: Introduction to Environmental Forensics. B.L. Murphy and R.D. Morrison editors, Academic Press, San Diego, CA 2002.

Mauro, D.M., "Chemical Source Attribution at former MGP Sites," EPRI Report 1000728, December 2000.

Appendix A

Chains of Custody

CHAIN OF CUSTODY RECORD

CLIENT INFORMATION

CLIENT PROJECT INFORMATION

CLIENT BILLING INFORMATION

REPORT TO BE SENT TO:

COMPANY: *Parsons*
 ADDRESS: *301 Fairfield Rd, Ste. 350*
 CITY: *Syracuse* STATE: *Ny* ZIP: *13212*
 ATTENTION: *Shane Blawie*
 PHONE: *315-451-9560* FAX: *315-451-9570*

PROJECT NAME: *Credism Farmington Street*
 PROJECT NO.: *444573* LOCATION: *Queens, NY*
 PROJECT MANAGER: *Helena Skarabogdan*
 e-mail:
 PHONE: *(718) 204-2405* FAX:

BILL TO: PO#: _____
 ADDRESS: _____
 CITY: STATE: ZIP: _____
 ATTENTION: PHONE: _____
 ANALYSIS

DATA TURNAROUND INFORMATION

DATA DELIVERABLE INFORMATION

FAX: *Standard* DAYS *
 HARD COPY: _____ DAYS *
 EDD: _____ DAYS *
 PREAPPROVED TAT: YES NO
 STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

- RESULTS ONLY
- RESULTS + QC
- New Jersey REDUCED
- New Jersey CLP
- EDD FORMAT
- USEPA CLP
- New York State ASP "B"
- New York State ASP "A"
- Other _____

GC/MS (SEM ETO 8270 m/s)

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS		
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9			
1.	<i>SB-34 (8-13')</i>	<i>Soil</i>	<input checked="" type="checkbox"/>		<i>7/6/07</i>	<i>1042</i>	<i>1</i>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>										<i>PA090241-01</i>
2.																			
3.																			
4.																			
5.																			
6.																			
7.																			
8.																			
9.																			
10.																			

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER: *Shane Blawie (to Fedex)* DATE/TIME: *7/10/09 1700*
 RECEIVED BY: *Helena Skarabogdan* DATE/TIME: *7/11/09 12:00*
 RELINQUISHED BY: _____ DATE/TIME: _____
 RECEIVED BY: _____
 RELINQUISHED BY: _____ DATE/TIME: _____
 RECEIVED FOR LAB BY: _____

Conditions of bottles or coolers at receipt: Compliant Non Compliant Cooler Temp. *24.4°C*
 MeOH extraction requires an additional 4 oz jar for percent solid. Ice in Cooler?: *no*
 Comments: *Fedex # 8644 9946 9542*

Page *1* of *1*
 SHIPPED VIA: CLIENT: HAND DELIVERED OVERNIGHT Shipment Complete: YES NO
 CHEMTECH: PICKED UP OVERNIGHT.

META Environmental, Inc.
Sample Receipt Log

Lab ID	Field ID	Matrix	Prep Method	Cleanup Method	Analysis Method	Date Sampled	Date Received	Project #	Container	Comments	Client Name	Project Name
PA090711-01	SB-34 (8-13')	Soil	2508		4007/4008	7/8/2009	7/11/2009	P06011-60	1 x 4 oz jar		Parsons	Con Ed Farrington St

Logged By: jo
Date: 7/11/09

Reviewed By: JM
Date: 7/15/09

META Environmental, Inc.
Sample Receipt Checklist

Receipt date: 7-11-09
Login date: 7-11-09
Login personnel: JO

Client Information:

Company Name: Parsons
Project Manager: Yelena Skonobogatow
Project Name: Con Edison Furrington St.

Shipping Information:

How were samples received? UPS FedEx DHL Other:
Number of coolers: 1
Internal temperature of coolers: 24.4°C
Was ice present? Yes / No ice packs warm

Note: if cooler is outside the 2-6° range, META's project manager should be notified.

Documentation:

Was a Chain of Custody present? Yes / No
Was it signed? Yes / No
Was all project information present on the COC? Yes / No
Was a bill of lading or shipping label retained? Yes / No to

Sample Information:

Number of sample containers: 1
Does this match the COC? Yes / No
Were all sample containers intact? Yes / No
If no, list samples and problems:

Note: if samples are damaged, META's project manager should be notified.

For aqueous 40ml Voas; was headspace present? Yes / No / NA

Comments:

Custodian: Judy O'Reilly

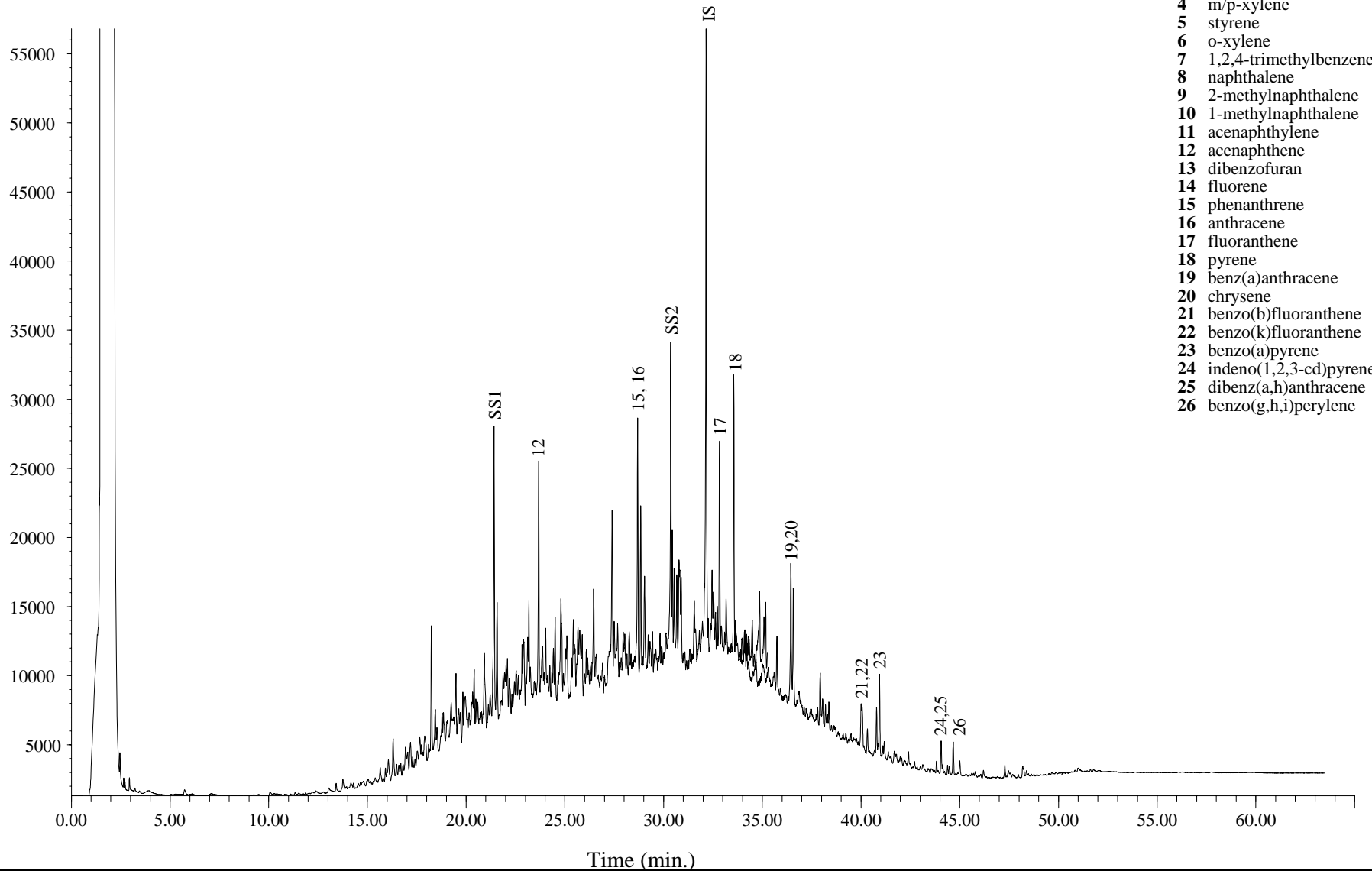
Project Manager: Janet A. P.

Appendix B

GC/FID Fingerprints

GC/FID Fingerprint

C071712.D\FID2B



Extraction Date: 07/15/2009

Analysis Date: 07/18/2009

IS – 5 α -androstane

SS1 – 2-fluorobiphenyl

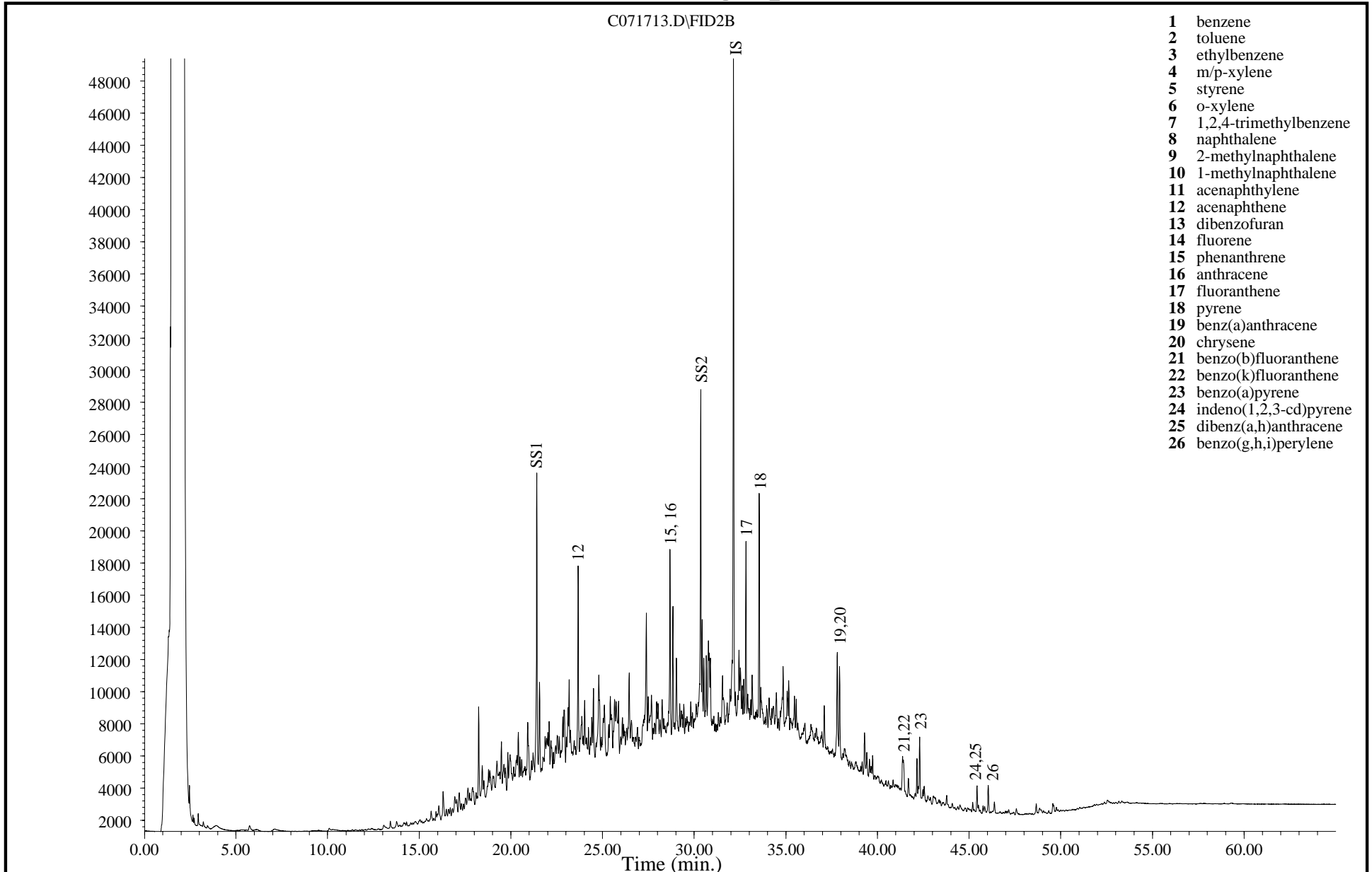
SS2 – o-terphenyl

Field ID: SB-34 (8-13')

Laboratory ID: PA090711-01

Method: EPA 8100M

GC/FID Fingerprint



Extraction Date: 07/15/2009

Analysis Date: 07/18/2009

IS – 5 α -androstane

SS1 – 2-fluorobiphenyl

SS2 – o-terphenyl

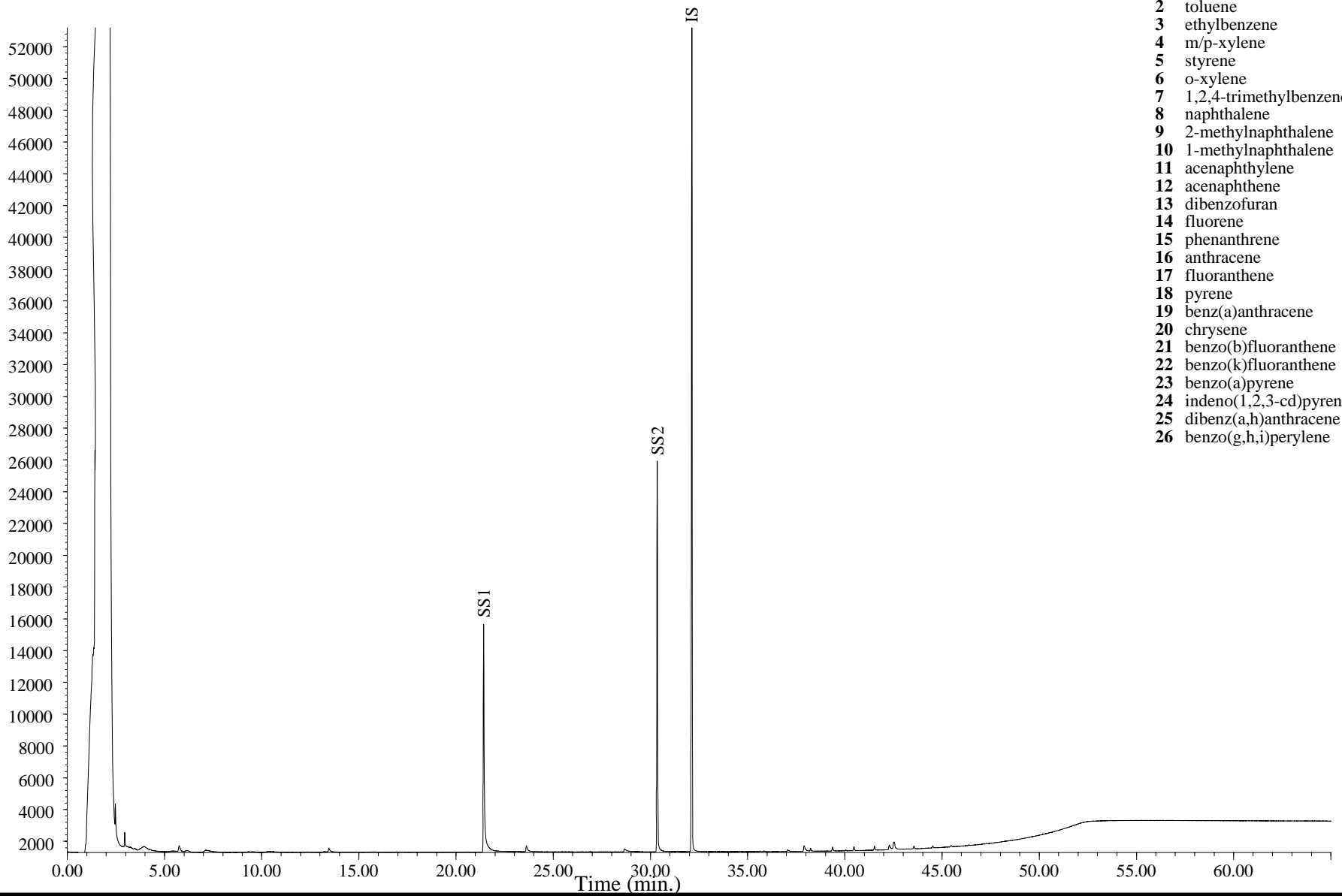
Field ID: SB-34 (8-13')

Laboratory ID: PA090711-01DUP

Method: EPA 8100M

GC/FID Fingerprint

C071705.D\FID2B



- 1 benzene
- 2 toluene
- 3 ethylbenzene
- 4 m/p-xylene
- 5 styrene
- 6 o-xylene
- 7 1,2,4-trimethylbenzene
- 8 naphthalene
- 9 2-methylnaphthalene
- 10 1-methylnaphthalene
- 11 acenaphthylene
- 12 acenaphthene
- 13 dibenzofuran
- 14 fluorene
- 15 phenanthrene
- 16 anthracene
- 17 fluoranthene
- 18 pyrene
- 19 benz(a)anthracene
- 20 chrysene
- 21 benzo(b)fluoranthene
- 22 benzo(k)fluoranthene
- 23 benzo(a)pyrene
- 24 indeno(1,2,3-cd)pyrene
- 25 dibenz(a,h)anthracene
- 26 benzo(g,h,i)perylene

Extraction Date: 07/15/2009
Analysis Date: 07/17/2009

Field ID: Soil Blank
Laboratory ID: QC090715-SB
Method: EPA 8100M

IS – 5 α -androstane
 SS1 – 2-fluorobiphenyl
 SS2 – o-terphenyl

Appendix C

Chemical Concentrations

Analytical Results for Volatile and Semivolatile Organics
META Environmental, Inc.

Field ID: SB-34 (8-13')

Client:	Parsons	Preparation Method:	EPA 3570
Project:	Con Ed - Farrington St.	Cleanup Method(s):	NA
		Analysis Method:	EPA 8270M
Lab ID	PA090711-01		
File ID:	E071711.D	Matrix:	Soil
		Preservation:	None
Date Sampled:	7/8/2009	Decanted:	None
Date Received:	7/11/2009		
Date Prepared:	7/15/2009	Sample Size (g):	4.78
Date Cleanup:	NA	Percent Solid:	85.5%
Date Analyzed:	7/18/2009	Extract Volume (µl):	2000
Instrument:	El Camino	Prep DF:	1
Operator:	ERL	Analysis DF:	1
		Injection Volume (µl):	1.00
Batch QC:	QC090715-SB		

Analyte	Concentration (mg/kg dry wt.)	RL	EDL	Comments
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MAH & PAH COMPOUNDS:

Benzene	0.042 B	0.002	0.001	
Toluene	0.020 B	0.002	0.001	
Ethylbenzene	0.004	0.002	0.001	
m/p-Xylenes	0.016	0.002	0.001	
Styrene	0.536 B	0.002	0.001	
o-Xylene	0.004	0.002	0.001	
Isopropylbenzene	U	0.002	0.001	
n-Propylbenzene	0.003	0.002	0.001	
1,3,5-Trimethylbenzene	0.005	0.002	0.001	
1,2,4-Trimethylbenzene	0.004	0.002	0.001	
t-Butylbenzene	U	0.002	0.001	
sec-Butylbenzene	0.004	0.002	0.001	
p-Isopropyltoluene	0.004	0.002	0.001	
n-Butylbenzene	0.006	0.002	0.001	
C1 - Benzene	0.012 B	0.002	0.001	
C2 - Benzene	0.039	0.002	0.001	
C3 - Benzene	0.028	0.002	0.001	
C4 - Benzene	0.227	0.002	0.001	
C5 - Benzene	1.06	0.002	0.001	
trans-Decalin	0.208	0.002	0.001	
cis-Decalin	0.033	0.002	0.001	
Naphthalene	0.012	0.002	0.001	
2-Methylnaphthalene	0.021	0.002	0.001	
1-Methylnaphthalene	0.752	0.002	0.001	
C1 - Naphthalene	0.555	0.002	0.001	
C2 - Naphthalene	3.21	0.002	0.001	
C3- Naphthalene	7.68	0.002	0.001	
C4- Naphthalene	5.0	0.002	0.001	
Acenaphthylene	1.65	0.002	0.001	
Acenaphthene	6.97	0.002	0.001	
Dibenzofuran	0.720	0.002	0.001	
Fluorene	2.31	0.002	0.001	
C1 - Fluorene	3.32	0.002	0.001	
C2 - Fluorene	2.91	0.002	0.001	
C3 - Fluorene	2.42	0.002	0.001	
Phenanthrene	7.76	0.002	0.001	
Anthracene	5.83	0.002	0.001	

Analytical Results for Volatile and Semivolatile Organics
META Environmental, Inc.

Field ID: SB-34 (8-13')

Client:	Parsons	Preparation Method:	EPA 3570
Project:	Con Ed - Farrington St.	Cleanup Method(s):	NA
		Analysis Method:	EPA 8270M
Lab ID	PA090711-01		
File ID:	E071711.D	Matrix:	Soil
		Preservation:	None
Date Sampled:	7/8/2009	Decanted:	None
Date Received:	7/11/2009		
Date Prepared:	7/15/2009	Sample Size (g):	4.78
Date Cleanup:	NA	Percent Solid:	85.5%
Date Analyzed:	7/18/2009	Extract Volume (µl):	2000
Instrument:	El Camino	Prep DF:	1
Operator:	ERL	Analysis DF:	1
		Injection Volume (µl):	1.00
Batch QC:	QC090715-SB		

Analyte	Concentration (mg/kg dry wt.)	RL	EDL	Comments
C1 - Phenanthrene/Anthracene	11.3	0.002	0.001	
C2 - Phenanthrene/Anthracene	8.89	0.002	0.001	
C3 - Phenanthrene/Anthracene	4.02	0.002	0.001	
C4 - Phenanthrene/Anthracene	1.3	0.002	0.001	
Dibenzothiophene	1.33	0.002	0.001	
C1 - Dibenzothiophene	2.01	0.002	0.001	
C2 - Dibenzothiophene	2.3	0.002	0.001	
C3 - Dibenzothiophene	1.65	0.002	0.001	
C4 - Dibenzothiophene	0.699	0.002	0.001	
Benzo(b)naphtho(2,1-d)thiophene	0.644	0.002	0.001	
Fluoranthene	6.15	0.002	0.001	
Pyrene	8.17	0.002	0.001	
C1 - Fluoranthene/Pyrene	8.84	0.002	0.001	
C2 - Fluoranthene/Pyrene	3.85	0.002	0.001	
C3 - Fluoranthene/Pyrene	1.48	0.002	0.001	
Benz(a)anthracene	4.46	0.002	0.001	
Chrysene*	3.8	0.002	0.001	
C1 - Benz(a)anthracene/Chrysene	3.61	0.002	0.001	
C2 - Benz(a)anthracene/Chrysene	1.75	0.002	0.001	
C3 - Benz(a)anthracene/Chrysene	0.562	0.002	0.001	
C4 - Benz(a)anthracene/Chrysene	0.274	0.002	0.001	
Benzo(b)fluoranthene	1.44	0.002	0.001	
Benzo(j/k)fluoranthene	1.74	0.002	0.001	
Benzo(e)pyrene	1.46	0.002	0.001	
Benzo(a)pyrene	2.85	0.002	0.001	
Perylene	0.459	0.002	0.001	
Indeno(1,2,3-cd)pyrene	0.956	0.002	0.001	
Dibenz(a,h)anthracene	0.365	0.002	0.001	
Benzo(g,h,i)perylene	1.12	0.002	0.001	
Coronene	0.335	0.002	0.001	
Retene	U	0.002	0.001	
Benzo(b/c)fluorenes	1.38	0.002	0.001	
2-Methylpyrene	1.32	0.002	0.001	
4-Methylpyrene	1.01	0.002	0.001	
1-Methylpyrene	1.21	0.002	0.001	
Heptadecane	U	0.002	0.001	
Pristane	5.34	0.002	0.001	
Octadecane	U	0.002	0.001	
Phytane	4.49	0.002	0.001	

Analytical Results for Volatile and Semivolatile Organics
META Environmental, Inc.

Field ID: SB-34 (8-13')

Client:	Parsons	Preparation Method:	EPA 3570
Project:	Con Ed - Farrington St.	Cleanup Method(s):	NA
		Analysis Method:	EPA 8270M
Lab ID	PA090711-01		
File ID:	E071711.D	Matrix:	Soil
		Preservation:	None
Date Sampled:	7/8/2009	Decanted:	None
Date Received:	7/11/2009		
Date Prepared:	7/15/2009	Sample Size (g):	4.78
Date Cleanup:	NA	Percent Solid:	85.5%
Date Analyzed:	7/18/2009	Extract Volume (µl):	2000
Instrument:	El Camino	Prep DF:	1
Operator:	ERL	Analysis DF:	1
		Injection Volume (µl):	1.00
Batch QC:	QC090715-SB		

Analyte	Concentration (mg/kg dry wt.)	RL	EDL	Comments
2,6,10-trimethyldodecane	2.79	0.002	0.001	
2,6,10-trimethyltridecane	3.26	0.002	0.001	
Norpristane	3.31	0.002	0.001	
Tetraethyl lead	U	0.002	0.001	
Total PAH (16)	55.6	0.002	0.001	
Total PAH (42)	137	0.002	0.001	

Extraction Surrogate Recoveries (%)		Limits
Toluene-d8	84	50 - 120
Phenanthrene-d10	89	50 - 120
Benzo(a)pyrene-d12	86	50 - 120
Perylene-d12	100	50 - 120

NA - Not applicable.

B - Analyte detected in the Blank.

J - Estimated value; detected between the RL and DL.

U - Analyte not detected above DL.

D - Analyte reported from a diluted extract.

E - Estimate, result detected above calibration range.

I - Concentration/Peak ID uncertain due to potential interference.

RL - Reporting limit is the sample equivalent of the lowest linear calibration concentration.

EDL - Estimated detection limit is 50% of RL.

* - Triphenylene is known to coelute with this compound.

Analytical Results for Volatile and Semivolatile Organics
META Environmental, Inc.

Field ID: Soil Blank

Client:	Parsons	Preparation Method:	EPA 3570
Project:	Con Ed - Farrington St.	Cleanup Method(s):	NA
		Analysis Method:	EPA 8270M
Lab ID	QC090715-SB		
File ID:	E071706.D	Matrix:	Soil
		Preservation:	None
Date Sampled:	NA	Decanted:	None
Date Received:	NA		
Date Prepared:	7/15/2009	Sample Size (g):	4.00
Date Cleanup:	NA	Percent Solid:	100.0%
Date Analyzed:	7/17/2009	Extract Volume (µl):	2000
Instrument:	EI Camino	Prep DF:	1
Operator:	ERL	Analysis DF:	1
		Injection Volume (µl):	1.00
Batch QC:	QC090715-SB		

Analyte	Concentration (mg/kg dry wt.)	RL	EDL	Comments
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MAH & PAH COMPOUNDS:

Benzene	0.004	0.003	0.001	
Toluene	0.004	0.003	0.001	
Ethylbenzene	U	0.003	0.001	
m/p-Xylenes	U	0.003	0.001	
Styrene	0.006	0.003	0.001	
o-Xylene	U	0.003	0.001	
Isopropylbenzene	U	0.003	0.001	
n-Propylbenzene	U	0.003	0.001	
1,3,5-Trimethylbenzene	U	0.003	0.001	
1,2,4-Trimethylbenzene	U	0.003	0.001	
t-Butylbenzene	U	0.003	0.001	
sec-Butylbenzene	U	0.003	0.001	
p-Isopropyltoluene	U	0.003	0.001	
n-Butylbenzene	U	0.003	0.001	
C1 - Benzene	0.003 J	0.003	0.001	
C2 - Benzene	U	0.003	0.001	
C3 - Benzene	U	0.003	0.001	
C4 - Benzene	U	0.003	0.001	
C5 - Benzene	U	0.003	0.001	
trans-Decalin	U	0.003	0.001	
cis-Decalin	U	0.003	0.001	
Naphthalene	U	0.003	0.001	
2-Methylnaphthalene	U	0.003	0.001	
1-Methylnaphthalene	U	0.003	0.001	
C1 - Naphthalene	U	0.003	0.001	
C2 - Naphthalene	U	0.003	0.001	
C3- Naphthalene	U	0.003	0.001	
C4- Naphthalene	U	0.003	0.001	
Acenaphthylene	U	0.003	0.001	
Acenaphthene	U	0.003	0.001	
Dibenzofuran	U	0.003	0.001	
Fluorene	U	0.003	0.001	
C1 - Fluorene	U	0.003	0.001	
C2 - Fluorene	U	0.003	0.001	
C3 - Fluorene	U	0.003	0.001	
Phenanthrene	U	0.003	0.001	
Anthracene	U	0.003	0.001	

Analytical Results for Volatile and Semivolatile Organics
META Environmental, Inc.

Field ID: Soil Blank

Client:	Parsons	Preparation Method:	EPA 3570
Project:	Con Ed - Farrington St.	Cleanup Method(s):	NA
		Analysis Method:	EPA 8270M
Lab ID	QC090715-SB		
File ID:	E071706.D	Matrix:	Soil
		Preservation:	None
Date Sampled:	NA	Decanted:	None
Date Received:	NA		
Date Prepared:	7/15/2009	Sample Size (g):	4.00
Date Cleanup:	NA	Percent Solid:	100.0%
Date Analyzed:	7/17/2009	Extract Volume (µl):	2000
Instrument:	El Camino	Prep DF:	1
Operator:	ERL	Analysis DF:	1
		Injection Volume (µl):	1.00
Batch QC:	QC090715-SB		

Analyte	Concentration (mg/kg dry wt.)	RL	EDL	Comments
C1 - Phenanthrene/Anthracene	U	0.003	0.001	
C2 - Phenanthrene/Anthracene	U	0.003	0.001	
C3 - Phenanthrene/Anthracene	U	0.003	0.001	
C4 - Phenanthrene/Anthracene	U	0.003	0.001	
Dibenzothiophene	U	0.003	0.001	
C1 - Dibenzothiophene	U	0.003	0.001	
C2 - Dibenzothiophene	U	0.003	0.001	
C3 - Dibenzothiophene	U	0.003	0.001	
C4 - Dibenzothiophene	U	0.003	0.001	
Benzo(b)naphtho(2,1-d)thiophene	U	0.003	0.001	
Fluoranthene	U	0.003	0.001	
Pyrene	U	0.003	0.001	
C1 - Fluoranthene/Pyrene	U	0.003	0.001	
C2 - Fluoranthene/Pyrene	U	0.003	0.001	
C3 - Fluoranthene/Pyrene	U	0.003	0.001	
Benz(a)anthracene	U	0.003	0.001	
Chrysene*	U	0.003	0.001	
C1 - Benz(a)anthracene/Chrysene	U	0.003	0.001	
C2 - Benz(a)anthracene/Chrysene	U	0.003	0.001	
C3 - Benz(a)anthracene/Chrysene	U	0.003	0.001	
C4 - Benz(a)anthracene/Chrysene	U	0.003	0.001	
Benzo(b)fluoranthene	U	0.003	0.001	
Benzo(j/k)fluoranthene	U	0.003	0.001	
Benzo(e)pyrene	U	0.003	0.001	
Benzo(a)pyrene	U	0.003	0.001	
Perylene	U	0.003	0.001	
Indeno(1,2,3-cd)pyrene	U	0.003	0.001	
Dibenz(a,h)anthracene	U	0.003	0.001	
Benzo(g,h,i)perylene	U	0.003	0.001	
Coronene	U	0.003	0.001	
Retene	U	0.003	0.001	
Benzo(b/c)fluorenes	U	0.003	0.001	
2-Methylpyrene	U	0.003	0.001	
4-Methylpyrene	U	0.003	0.001	
1-Methylpyrene	U	0.003	0.001	
Heptadecane	U	0.003	0.001	
Pristane	U	0.003	0.001	
Octadecane	U	0.003	0.001	
Phytane	U	0.003	0.001	

Analytical Results for Volatile and Semivolatile Organics
META Environmental, Inc.

Field ID: Soil Blank

Client:	Parsons	Preparation Method:	EPA 3570
Project:	Con Ed - Farrington St.	Cleanup Method(s):	NA
		Analysis Method:	EPA 8270M
Lab ID	QC090715-SB		
File ID:	E071706.D	Matrix:	Soil
		Preservation:	None
Date Sampled:	NA	Decanted:	None
Date Received:	NA		
Date Prepared:	7/15/2009	Sample Size (g):	4.00
Date Cleanup:	NA	Percent Solid:	100.0%
Date Analyzed:	7/17/2009	Extract Volume (µl):	2000
Instrument:	EI Camino	Prep DF:	1
Operator:	ERL	Analysis DF:	1
		Injection Volume (µl):	1.00
Batch QC:	QC090715-SB		

Analyte	Concentration (mg/kg dry wt.)	RL	EDL	Comments
2,6,10-trimethyldodecane	U	0.003	0.001	
2,6,10-trimethyltridecane	U	0.003	0.001	
Norpristane	U	0.003	0.001	
Tetraethyl lead	U	0.003	0.001	
Total PAH (16)	U	0.003	0.001	
Total PAH (42)	U	0.003	0.001	

Extraction Surrogate Recoveries (%)		Limits
Toluene-d8	91	50 - 120
Phenanthrene-d10	100	50 - 120
Benzo(a)pyrene-d12	84	50 - 120
Perylene-d12	98	50 - 120

NA - Not applicable.

B - Analyte detected in the Blank.

J - Estimated value; detected between the RL and DL.

U - Analyte not detected above DL.

D - Analyte reported from a diluted extract.

E - Estimate, result detected above calibration range.

I - Concentration/Peak ID uncertain due to potential interference.

RL - Reporting limit is the sample equivalent of the lowest linear calibration concentration.

EDL - Estimated detection limit is 50% of RL.

* - Triphenylene is known to coelute with this compound.

Analytical Results for Volatile and Semivolatile Organics
META Environmental, Inc.

Field ID: Soil Blank Spike

Client:	Parsons	Preparation Method:	EPA 3570
Project:	Con Ed - Farrington St.	Cleanup Method(s):	NA
		Analysis Method:	EPA 8270M
Lab ID	QC090715-SBS		
File ID:	E071708.D	Matrix:	Soil
		Preservation:	None
Date Sampled:	NA	Decanted:	None
Date Received:	NA		
Date Prepared:	7/15/2009	Sample Size (g):	4.00
Date Cleanup:	NA	Percent Solid:	100.0%
Date Analyzed:	7/18/2009	Extract Volume (µl):	2000
Instrument:	El Camino	Prep DF:	1
Operator:	ERL	Analysis DF:	1
		Injection Volume (µl):	1.00
Batch QC:	QC090715-SB		

Analyte	Concentration (mg/kg dry wt.)		RL	EDL	Comments
MAH & PAH COMPOUNDS:	Spike Amount				% Recovery
Benzene	2.50	1.92 B	0.003	0.001	77
Toluene	2.50	2.2 B	0.003	0.001	88
Ethylbenzene	2.50	2.26	0.003	0.001	90
m/p-Xylenes	2.50	2.27	0.003	0.001	91
Styrene	2.50	2.34 B	0.003	0.001	94
o-Xylene	2.50	2.15	0.003	0.001	86
Isopropylbenzene	2.50	2.16	0.003	0.001	86
n-Propylbenzene	2.50	2.29	0.003	0.001	92
1,3,5-Trimethylbenzene	2.50	2.24	0.003	0.001	90
1,2,4-Trimethylbenzene	2.50	2.34	0.003	0.001	94
t-Butylbenzene		U	0.003	0.001	
sec-Butylbenzene	2.50	2.42	0.003	0.001	97
p-Isopropyltoluene	2.50	2.52	0.003	0.001	101
n-Butylbenzene	2.50	2.61	0.003	0.001	104
C1 - Benzene		BU	0.003	0.001	
C2 - Benzene		U	0.003	0.001	
C3 - Benzene		U	0.003	0.001	
C4 - Benzene		U	0.003	0.001	
C5 - Benzene		U	0.003	0.001	
trans-Decalin		U	0.003	0.001	
cis-Decalin		U	0.003	0.001	
Naphthalene	2.50	2.46	0.003	0.001	98
2-Methylnaphthalene	2.50	2.3	0.003	0.001	92
1-Methylnaphthalene	2.50	2.27	0.003	0.001	91
C1 - Naphthalene		U	0.003	0.001	
C2 - Naphthalene		U	0.003	0.001	
C3- Naphthalene		U	0.003	0.001	
C4- Naphthalene		U	0.003	0.001	
Acenaphthylene	2.50	2.52	0.003	0.001	101
Acenaphthene	2.50	2.38	0.003	0.001	95
Dibenzofuran	2.50	2.53	0.003	0.001	101
Fluorene	2.50	2.44	0.003	0.001	98
C1 - Fluorene		U	0.003	0.001	
C2 - Fluorene		U	0.003	0.001	
C3 - Fluorene		U	0.003	0.001	
Phenanthrene	2.50	2.35	0.003	0.001	94
Anthracene	2.50	2.38	0.003	0.001	95

Analytical Results for Volatile and Semivolatile Organics
META Environmental, Inc.

Field ID: Soil Blank Spike

Client:	Parsons	Preparation Method:	EPA 3570
Project:	Con Ed - Farrington St.	Cleanup Method(s):	NA
		Analysis Method:	EPA 8270M
Lab ID	QC090715-SBS		
File ID:	E071708.D	Matrix:	Soil
		Preservation:	None
Date Sampled:	NA	Decanted:	None
Date Received:	NA		
Date Prepared:	7/15/2009	Sample Size (g):	4.00
Date Cleanup:	NA	Percent Solid:	100.0%
Date Analyzed:	7/18/2009	Extract Volume (µl):	2000
Instrument:	El Camino	Prep DF:	1
Operator:	ERL	Analysis DF:	1
		Injection Volume (µl):	1.00
Batch QC:	QC090715-SB		

Analyte	Concentration (mg/kg dry wt.)		RL	EDL	Comments
C1 - Phenanthrene/Anthracene		U	0.003	0.001	
C2 - Phenanthrene/Anthracene		U	0.003	0.001	
C3 - Phenanthrene/Anthracene		U	0.003	0.001	
C4 - Phenanthrene/Anthracene		U	0.003	0.001	
Dibenzothiophene	2.50	2.42	0.003	0.001	97
C1 - Dibenzothiophene		U	0.003	0.001	
C2 - Dibenzothiophene		U	0.003	0.001	
C3 - Dibenzothiophene		U	0.003	0.001	
C4 - Dibenzothiophene		U	0.003	0.001	
Benzo(b)naphtho(2,1-d)thiophene		U	0.003	0.001	
Fluoranthene	2.50	2.37	0.003	0.001	95
Pyrene	2.50	2.43	0.003	0.001	97
C1 - Fluoranthene/Pyrene		U	0.003	0.001	
C2 - Fluoranthene/Pyrene		U	0.003	0.001	
C3 - Fluoranthene/Pyrene		U	0.003	0.001	
Benz(a)anthracene	2.50	2.54	0.003	0.001	102
Chrysene*	2.50	2.35	0.003	0.001	94
C1 - Benz(a)anthracene/Chrysene		U	0.003	0.001	
C2 - Benz(a)anthracene/Chrysene		U	0.003	0.001	
C3 - Benz(a)anthracene/Chrysene		U	0.003	0.001	
C4 - Benz(a)anthracene/Chrysene		U	0.003	0.001	
Benzo(b)fluoranthene	2.50	2.38	0.003	0.001	95
Benzo(j/k)fluoranthene	2.50	2.28	0.003	0.001	91
Benzo(e)pyrene	2.50	2.17	0.003	0.001	87
Benzo(a)pyrene	2.50	2.28	0.003	0.001	91
Perylene		U	0.003	0.001	
Indeno(1,2,3-cd)pyrene	2.50	2.15	0.003	0.001	86
Dibenz(a,h)anthracene	2.50	2.26	0.003	0.001	90
Benzo(g,h,i)perylene	2.50	2.08	0.003	0.001	83
Coronene		U	0.003	0.001	
Retene		U	0.003	0.001	
Benzo(b/c)fluorenes		U	0.003	0.001	
2-Methylpyrene		U	0.003	0.001	
4-Methylpyrene		U	0.003	0.001	
1-Methylpyrene		U	0.003	0.001	
Heptadecane		U	0.003	0.001	
Pristane		U	0.003	0.001	
Octadecane		U	0.003	0.001	
Phytane		U	0.003	0.001	

Analytical Results for Volatile and Semivolatile Organics
META Environmental, Inc.

Field ID: Soil Blank Spike

Client:	Parsons	Preparation Method:	EPA 3570
Project:	Con Ed - Farrington St.	Cleanup Method(s):	NA
		Analysis Method:	EPA 8270M
Lab ID	QC090715-SBS		
File ID:	E071708.D	Matrix:	Soil
		Preservation:	None
Date Sampled:	NA	Decanted:	None
Date Received:	NA		
Date Prepared:	7/15/2009	Sample Size (g):	4.00
Date Cleanup:	NA	Percent Solid:	100.0%
Date Analyzed:	7/18/2009	Extract Volume (µl):	2000
Instrument:	EI Camino	Prep DF:	1
Operator:	ERL	Analysis DF:	1
		Injection Volume (µl):	1.00
Batch QC:	QC090715-SB		

Analyte	Concentration (mg/kg dry wt.)	RL	EDL	Comments
2,6,10-trimethyldodecane	U	0.003	0.001	
2,6,10-trimethyltridecane	U	0.003	0.001	
Norpristane	U	0.003	0.001	
Tetraethyl lead	U	0.003	0.001	
<i>Extraction Surrogate Recoveries (%)</i>		<i>Limits</i>		
Toluene-d8	88	50 - 120		
Phenanthrene-d10	97	50 - 120		
Benzo(a)pyrene-d12	80	50 - 120		
Perylene-d12	92	50 - 120		

NA - Not applicable.

B - Analyte detected in the Blank.

J - Estimated value; detected between the RL and DL.

U - Analyte not detected above DL.

D - Analyte reported from a diluted extract.

E - Estimate, result detected above calibration range.

I - Concentration/Peak ID uncertain due to potential interference.

RL - Reporting limit is the sample equivalent of the lowest linear calibration concentration.

EDL - Estimated detection limit is 50% of RL.

* - Triphenylene is known to coelute with this compound.

Analytical Results for Volatile and Semivolatile Organics
META Environmental, Inc.

Field ID: Duplicate of SB-34 (8-13')

Client:	Parsons	Preparation Method:	EPA 3570
Project:	Con Ed - Farrington St.	Cleanup Method(s):	NA
Lab ID	PA090711-01DUP	Analysis Method:	EPA 8270M
File ID:	E071712.D	Matrix:	Soil
Date Sampled:	7/8/2009	Preservation:	None
Date Received:	7/11/2009	Decanted:	None
Date Prepared:	7/15/2009	Sample Size (g):	4.65
Date Cleanup:	NA	Percent Solid:	85.5%
Date Analyzed:	7/18/2009	Extract Volume (µl):	2000
Instrument:	EI Camino	Prep DF:	1
Operator:	ERL	Analysis DF:	1
Batch QC:	QC090715-SB	Injection Volume (µl):	1.00

Analyte	Concentration (mg/kg dry wt.)	RL	EDL	Comments
MAH & PAH COMPOUNDS:				RPD
Benzene	0.041 B	0.003	0.001	2.4
Toluene	0.030 B	0.003	0.001	40
Ethylbenzene	0.005	0.003	0.001	22.2
m/p-Xylenes	0.024	0.003	0.001	40
Styrene	0.502 B	0.003	0.001	6.6
o-Xylene	0.005	0.003	0.001	22.2
Isopropylbenzene	U	0.003	0.001	NA
n-Propylbenzene	0.003 J	0.003	0.001	0
1,3,5-Trimethylbenzene	0.003 J	0.003	0.001	50
1,2,4-Trimethylbenzene	0.005	0.003	0.001	22.2
t-Butylbenzene	U	0.003	0.001	NA
sec-Butylbenzene	0.003	0.003	0.001	28.6
p-Isopropyltoluene	0.005	0.003	0.001	22.2
n-Butylbenzene	0.007	0.003	0.001	15.4
C1 - Benzene	0.021 B	0.003	0.001	54.5
C2 - Benzene	0.034	0.003	0.001	13.7
C3 - Benzene	0.028	0.003	0.001	0
C4 - Benzene	0.193	0.003	0.001	16.2
C5 - Benzene	0.879	0.003	0.001	18.7
trans-Decalin	0.158	0.003	0.001	27.3
cis-Decalin	0.025	0.003	0.001	27.6
Naphthalene	0.018	0.003	0.001	40
2-Methylnaphthalene	0.023	0.003	0.001	9.1
1-Methylnaphthalene	0.540	0.003	0.001	32.8
C1 - Naphthalene	0.398	0.003	0.001	32.9
C2 - Naphthalene	2.52	0.003	0.001	24.1
C3- Naphthalene	6.39	0.003	0.001	18.3
C4- Naphthalene	4.26	0.003	0.001	16
Acenaphthylene	1.57	0.003	0.001	5
Acenaphthene	5.79	0.003	0.001	18.5
Dibenzofuran	0.593	0.003	0.001	19.3
Fluorene	1.83	0.003	0.001	23.2
C1 - Fluorene	2.76	0.003	0.001	18.4
C2 - Fluorene	2.71	0.003	0.001	7.1
C3 - Fluorene	2.17	0.003	0.001	10.9
Phenanthrene	6.03	0.003	0.001	25.1
Anthracene	4.9	0.003	0.001	17.3

Analytical Results for Volatile and Semivolatile Organics
META Environmental, Inc.

Field ID: Duplicate of SB-34 (8-13')

Client:	Parsons	Preparation Method:	EPA 3570
Project:	Con Ed - Farrington St.	Cleanup Method(s):	NA
		Analysis Method:	EPA 8270M
Lab ID	PA090711-01DUP		
File ID:	E071712.D	Matrix:	Soil
		Preservation:	None
Date Sampled:	7/8/2009	Decanted:	None
Date Received:	7/11/2009		
Date Prepared:	7/15/2009	Sample Size (g):	4.65
Date Cleanup:	NA	Percent Solid:	85.5%
Date Analyzed:	7/18/2009	Extract Volume (µl):	2000
Instrument:	El Camino	Prep DF:	1
Operator:	ERL	Analysis DF:	1
		Injection Volume (µl):	1.00
Batch QC:	QC090715-SB		

Analyte	Concentration (mg/kg dry wt.)	RL	EDL	Comments
C1 - Phenanthrene/Anthracene	9.14	0.003	0.001	21.1
C2 - Phenanthrene/Anthracene	7.43	0.003	0.001	17.9
C3 - Phenanthrene/Anthracene	3.4	0.003	0.001	16.7
C4 - Phenanthrene/Anthracene	1.23	0.003	0.001	5.5
Dibenzothiophene	1.13	0.003	0.001	16.3
C1 - Dibenzothiophene	1.71	0.003	0.001	16.1
C2 - Dibenzothiophene	1.92	0.003	0.001	18
C3 - Dibenzothiophene	1.4	0.003	0.001	16.4
C4 - Dibenzothiophene	0.578	0.003	0.001	19
Benzo(b)naphtho(2,1-d)thiophene	0.542	0.003	0.001	17.2
Fluoranthene	5.22	0.003	0.001	16.4
Pyrene	7.04	0.003	0.001	14.9
C1 - Fluoranthene/Pyrene	7.54	0.003	0.001	15.9
C2 - Fluoranthene/Pyrene	3.35	0.003	0.001	13.9
C3 - Fluoranthene/Pyrene	1.2	0.003	0.001	20.9
Benz(a)anthracene	3.81	0.003	0.001	15.7
Chrysene*	3.21	0.003	0.001	16.8
C1 - Benz(a)anthracene/Chrysene	3.09	0.003	0.001	15.5
C2 - Benz(a)anthracene/Chrysene	1.42	0.003	0.001	20.8
C3 - Benz(a)anthracene/Chrysene	0.445	0.003	0.001	23.2
C4 - Benz(a)anthracene/Chrysene	0.241	0.003	0.001	12.8
Benzo(b)fluoranthene	1.21	0.003	0.001	17.4
Benzo(j/k)fluoranthene	1.5	0.003	0.001	14.8
Benzo(e)pyrene	1.28	0.003	0.001	13.1
Benzo(a)pyrene	2.46	0.003	0.001	14.7
Perylene	0.393	0.003	0.001	15.5
Indeno(1,2,3-cd)pyrene	0.842	0.003	0.001	12.7
Dibenz(a,h)anthracene	0.326	0.003	0.001	11.3
Benzo(g,h,i)perylene	0.998	0.003	0.001	11.5
Coronene	0.298	0.003	0.001	11.7
Retene	U	0.003	0.001	NA
Benzo(b/c)fluorenes	1.14	0.003	0.001	19
2-Methylpyrene	1.11	0.003	0.001	17.3
4-Methylpyrene	0.907	0.003	0.001	10.7
1-Methylpyrene	1.01	0.003	0.001	18
Heptadecane	U	0.003	0.001	NA
Pristane	4.22	0.003	0.001	23.4
Octadecane	U	0.003	0.001	NA
Phytane	3.65	0.003	0.001	20.6

Analytical Results for Volatile and Semivolatile Organics
META Environmental, Inc.

Field ID: Duplicate of SB-34 (8-13')

Client:	Parsons	Preparation Method:	EPA 3570
Project:	Con Ed - Farrington St.	Cleanup Method(s):	NA
Lab ID	PA090711-01DUP	Analysis Method:	EPA 8270M
File ID:	E071712.D	Matrix:	Soil
Date Sampled:	7/8/2009	Preservation:	None
Date Received:	7/11/2009	Decanted:	None
Date Prepared:	7/15/2009	Sample Size (g):	4.65
Date Cleanup:	NA	Percent Solid:	85.5%
Date Analyzed:	7/18/2009	Extract Volume (µl):	2000
Instrument:	EI Camino	Prep DF:	1
Operator:	ERL	Analysis DF:	1
Batch QC:	QC090715-SB	Injection Volume (µl):	1.00

Analyte	Concentration (mg/kg dry wt.)	RL	EDL	Comments
2,6,10-trimethyldodecane	2.21	0.003	0.001	23.2
2,6,10-trimethyltridecane	2.67	0.003	0.001	19.9
Norpristane	2.61	0.003	0.001	23.6
Tetraethyl lead	U	0.003	0.001	NA
Total PAH (16)	46.8	0.003	0.001	17.2
Total PAH (42)	115	0.003	0.001	17.5

Extraction Surrogate Recoveries (%)		Limits
Toluene-d8	86	50 - 120
Phenanthrene-d10	92	50 - 120
Benzo(a)pyrene-d12	88	50 - 120
Perylene-d12	103	50 - 120

NA - Not applicable.

B - Analyte detected in the Blank.

J - Estimated value; detected between the RL and DL.

U - Analyte not detected above DL.

D - Analyte reported from a diluted extract.

E - Estimate, result detected above calibration range.

I - Concentration/Peak ID uncertain due to potential interference.

RL - Reporting limit is the sample equivalent of the lowest linear calibration concentration.

EDL - Estimated detection limit is 50% of RL.

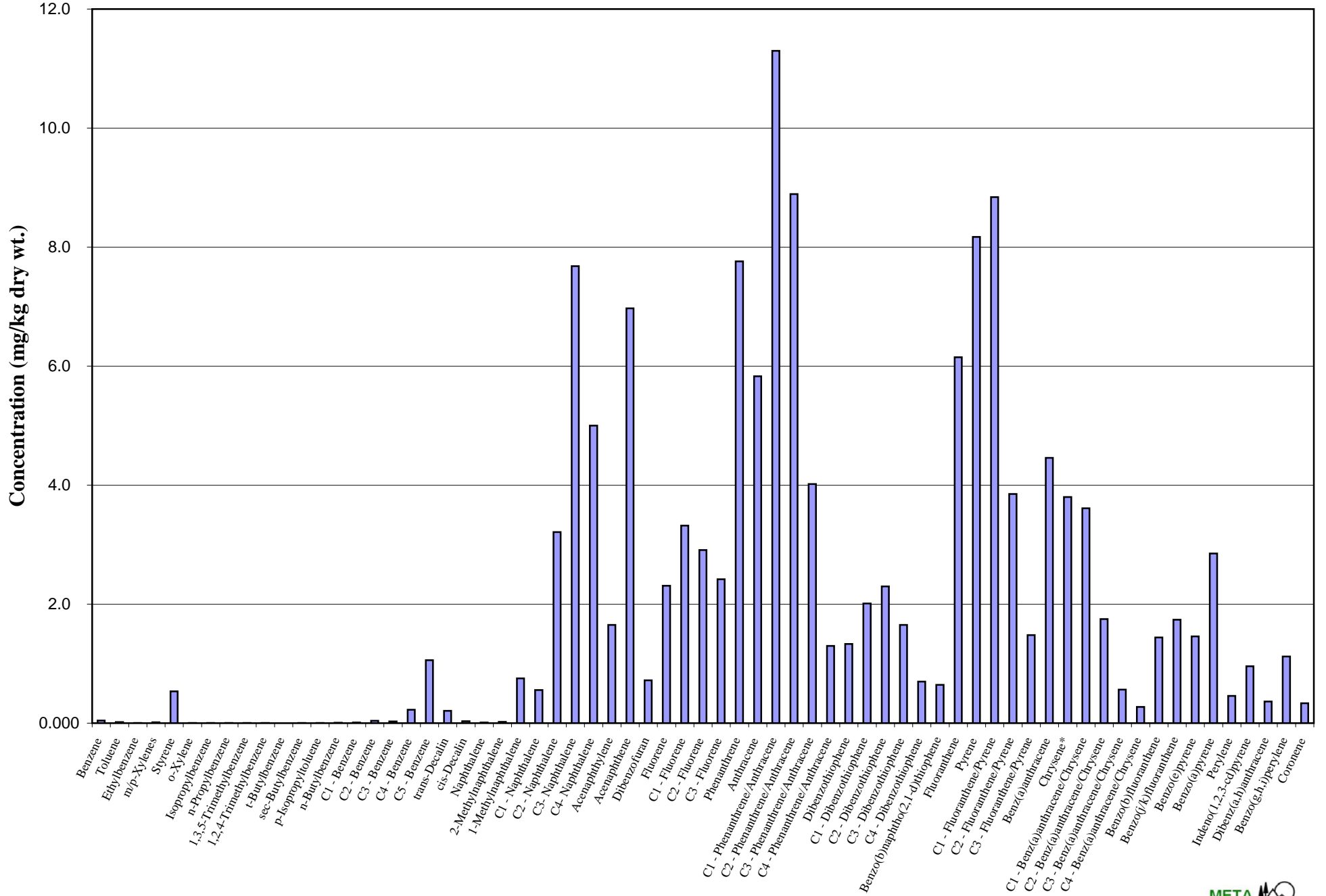
* - Triphenylene is known to coelute with this compound.

Appendix D

Extended PAH Profiles – Bar Graphs

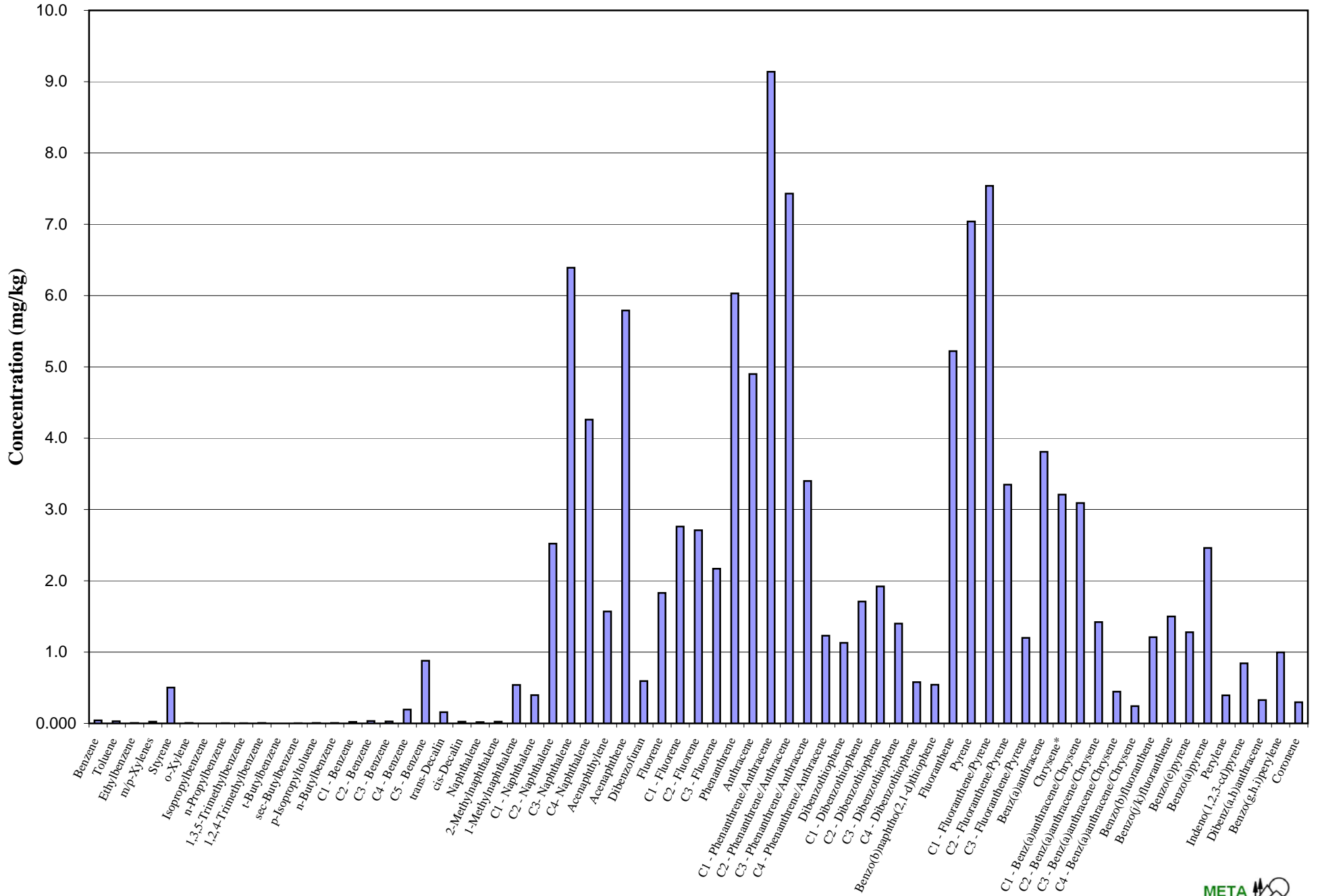
SB-34 (8-13')

PA090711-01



Duplicate of SB-34 (8-13')

PA090711-01DUP

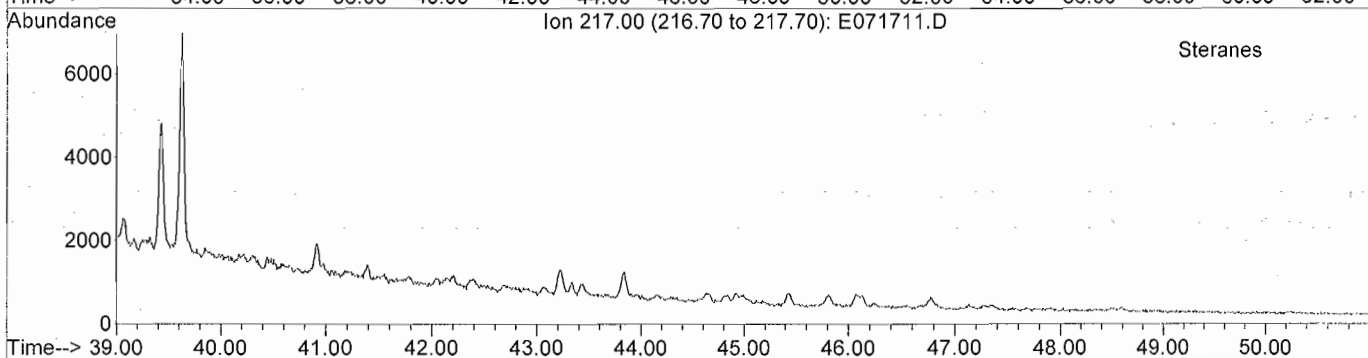
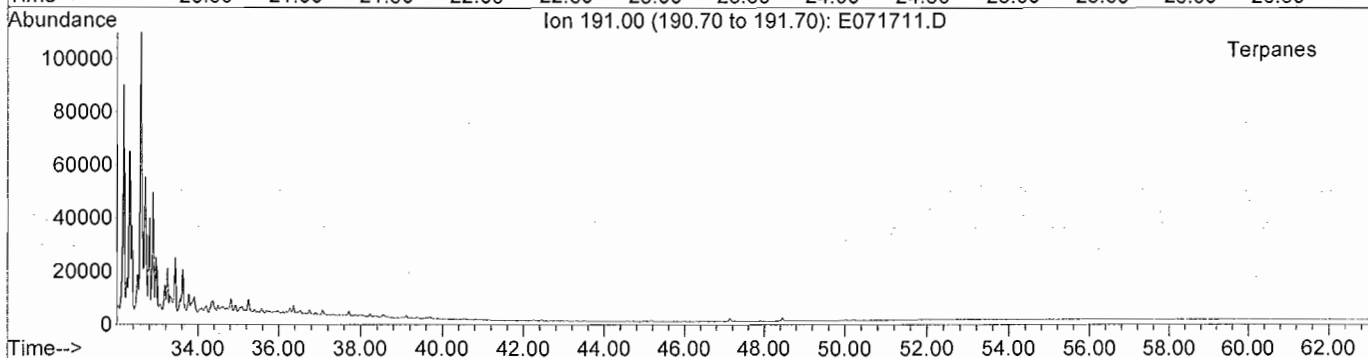
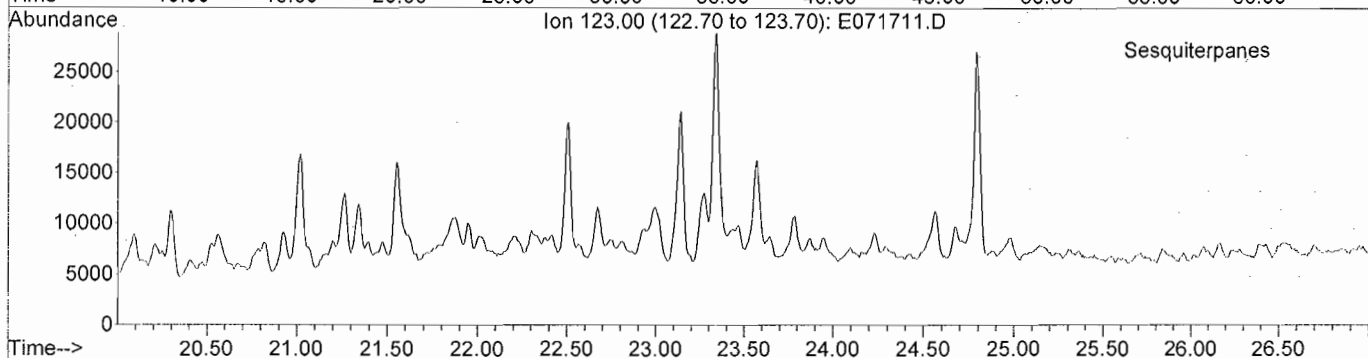
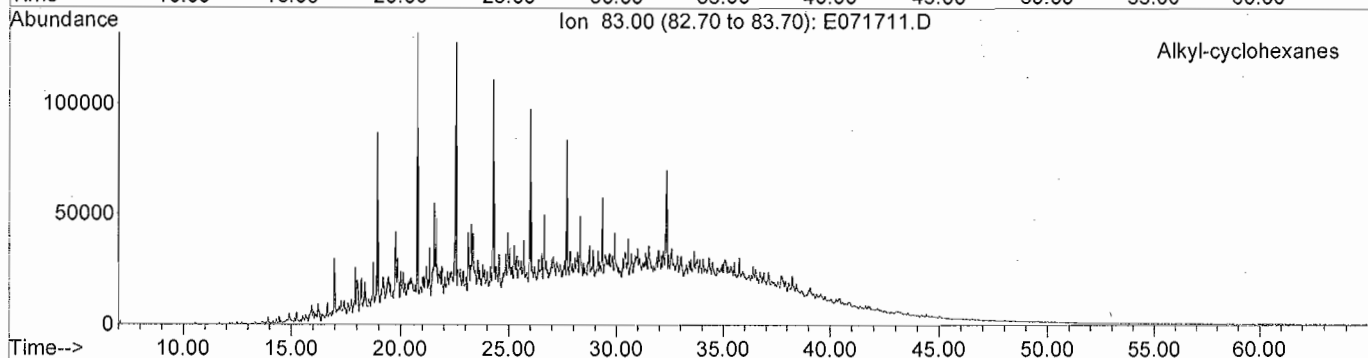
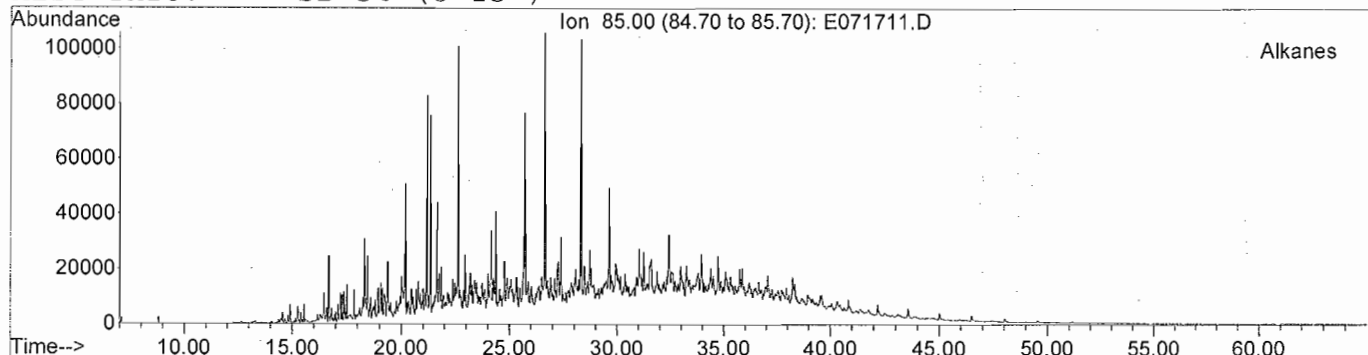


Appendix E

Extracted Ion Current Profiles (EICs)

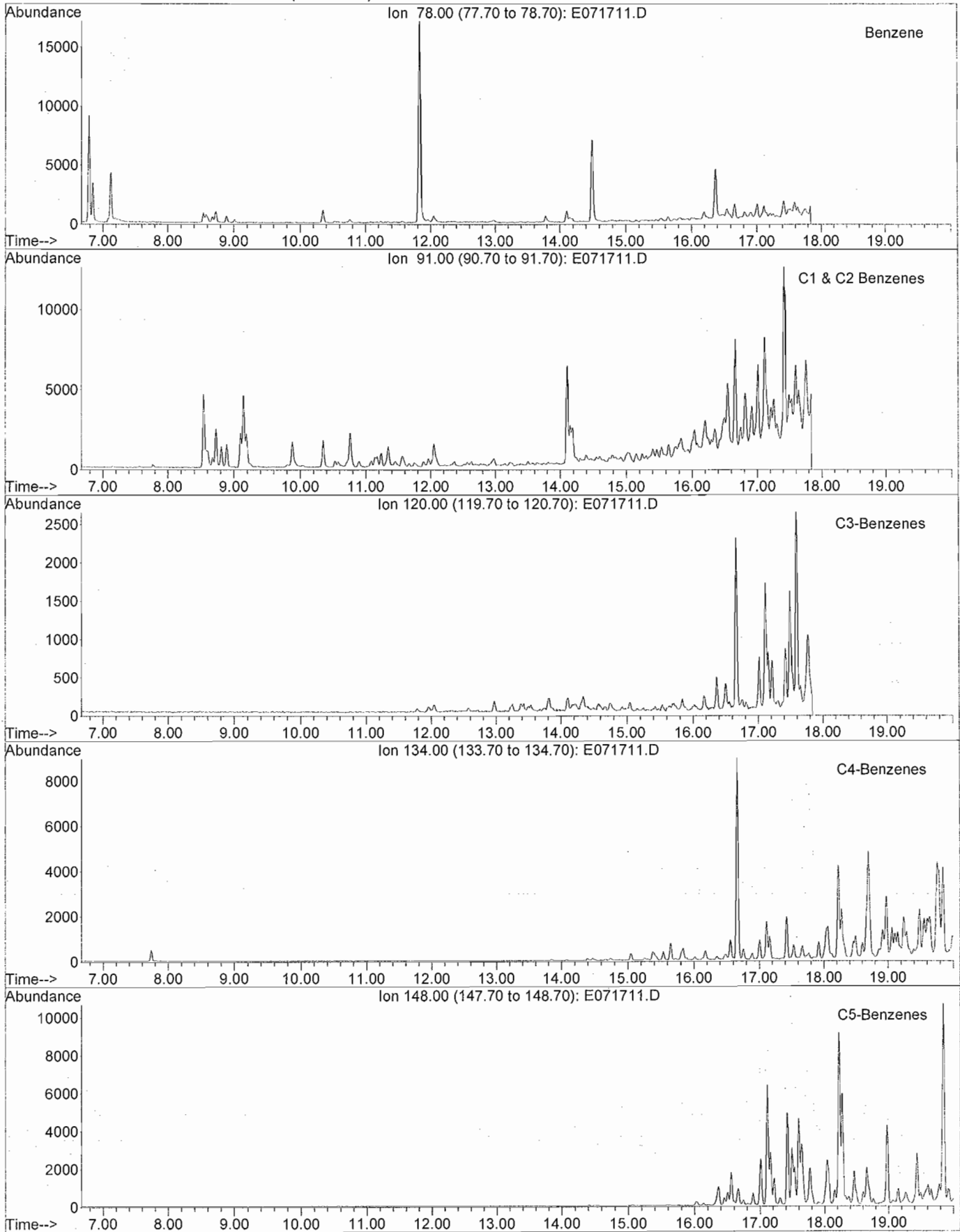
GC/MS EXTRACTED ION CHROMATOGRAM

File: \\INST-E\HPCHEM\1\DATA\E090717\E071711.D
 Date Acquired: 18 Jul 2009 4:46 am
 Sample Name: PA090711-01
 Misc Info: SB-34 (8-13')



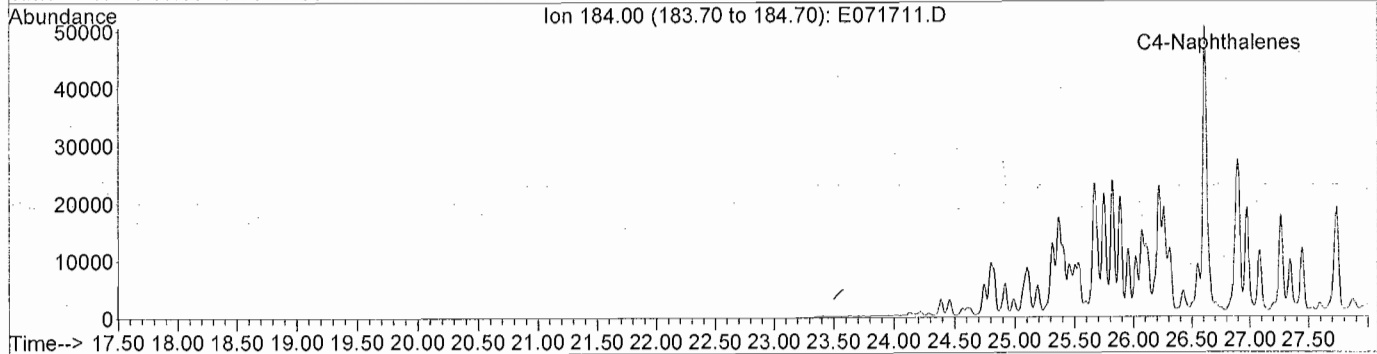
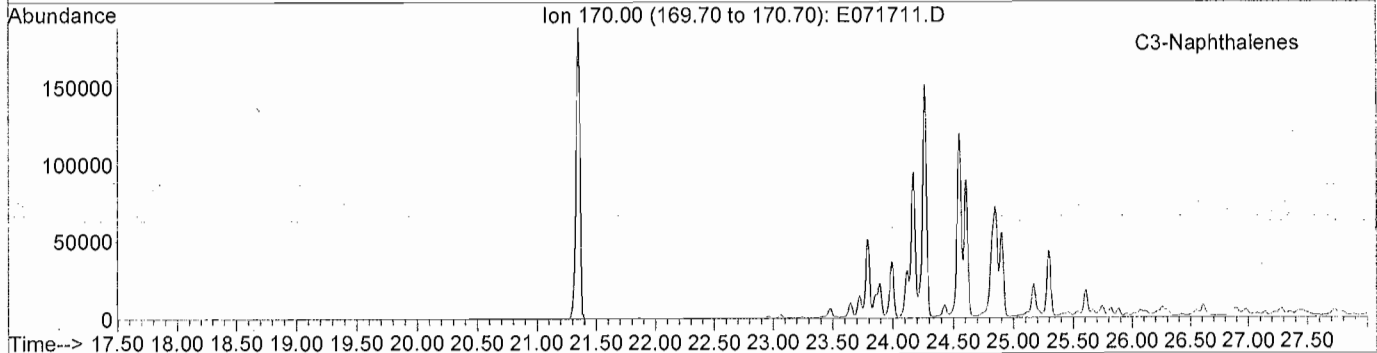
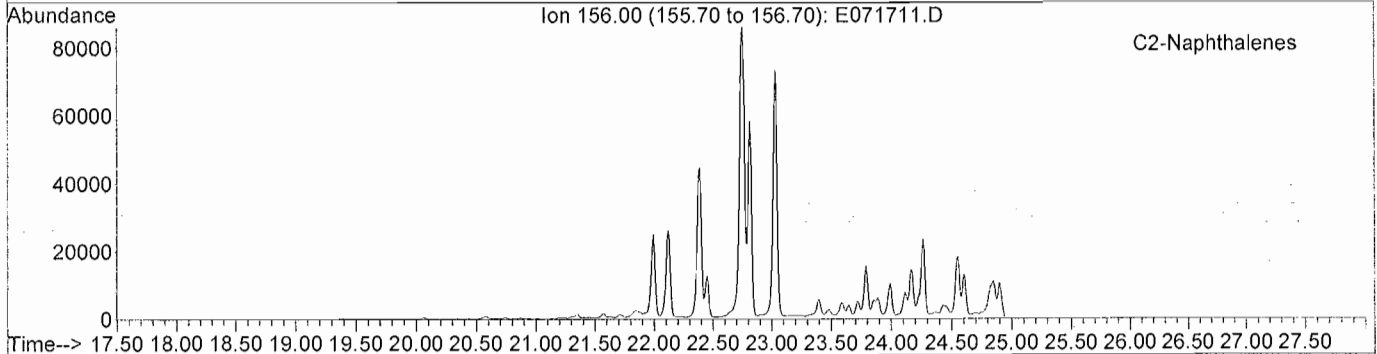
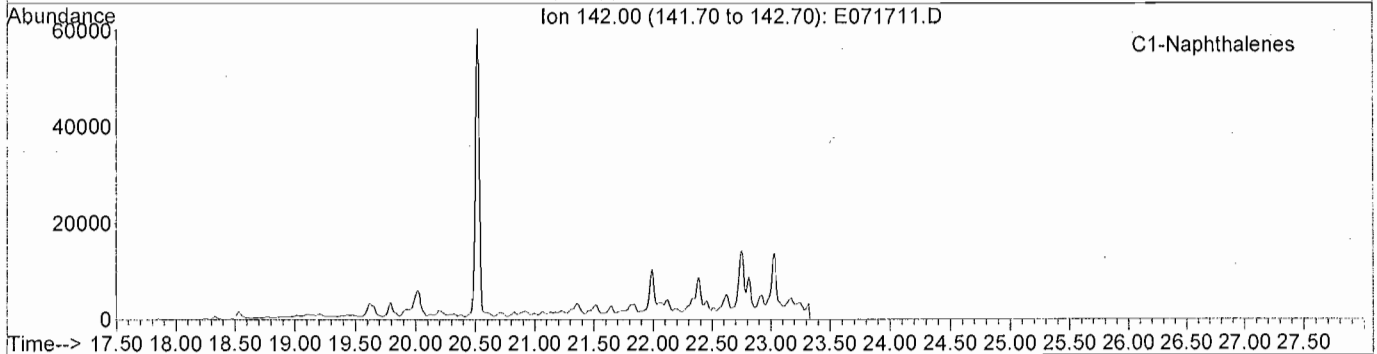
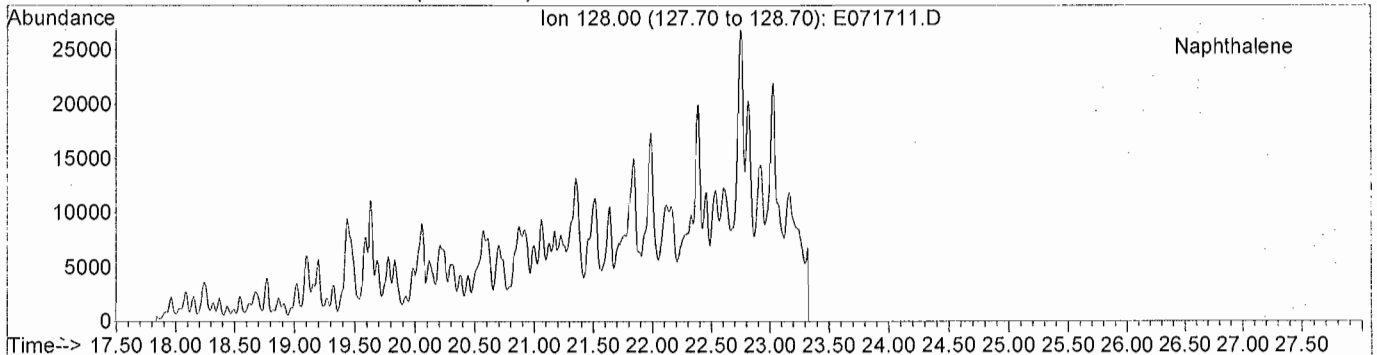
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Date Acquired: 18 Jul 2009 4:46 am
Sample Name: PA090711-01
Misc Info: SB-34 (8-13')



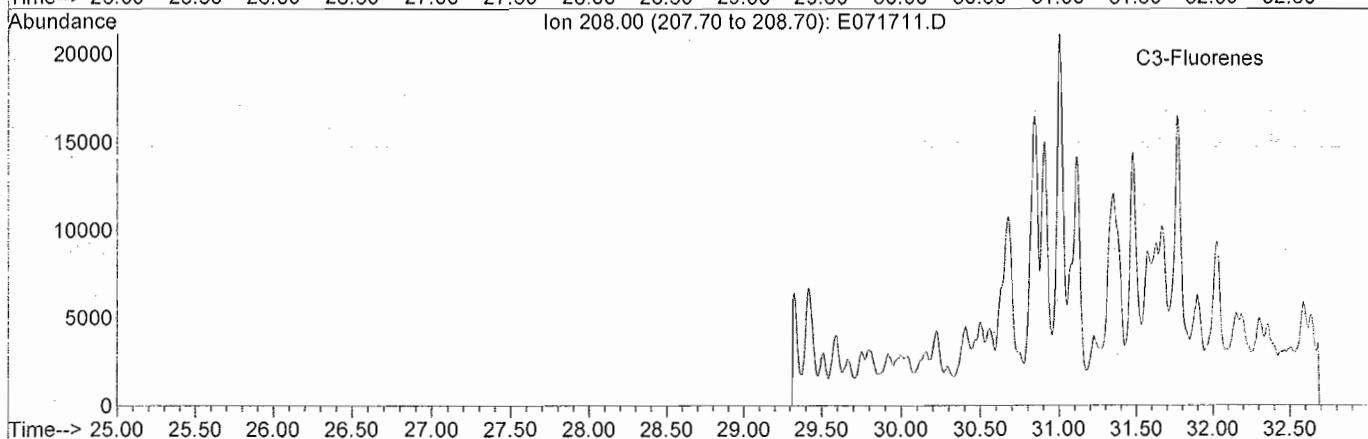
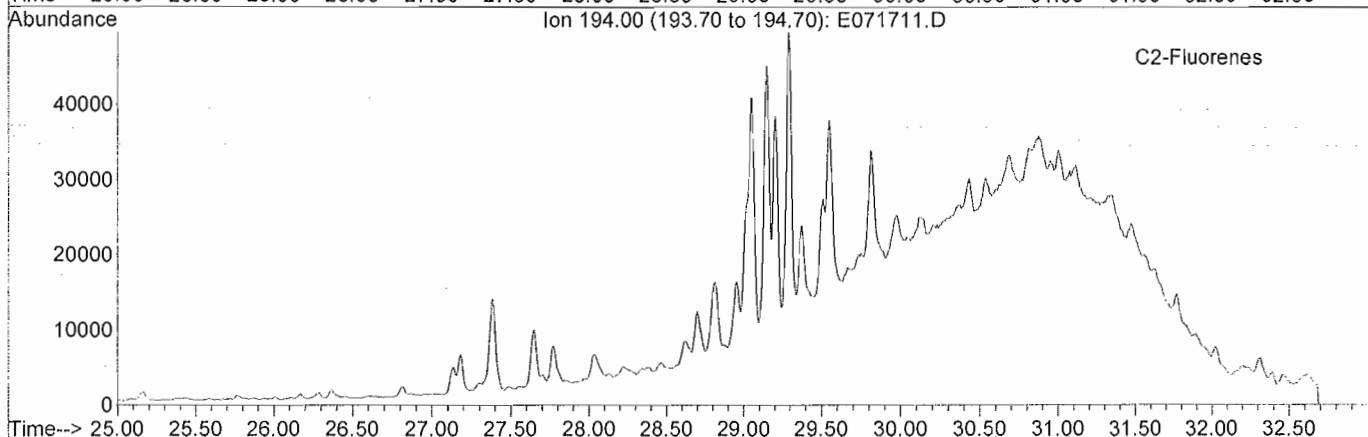
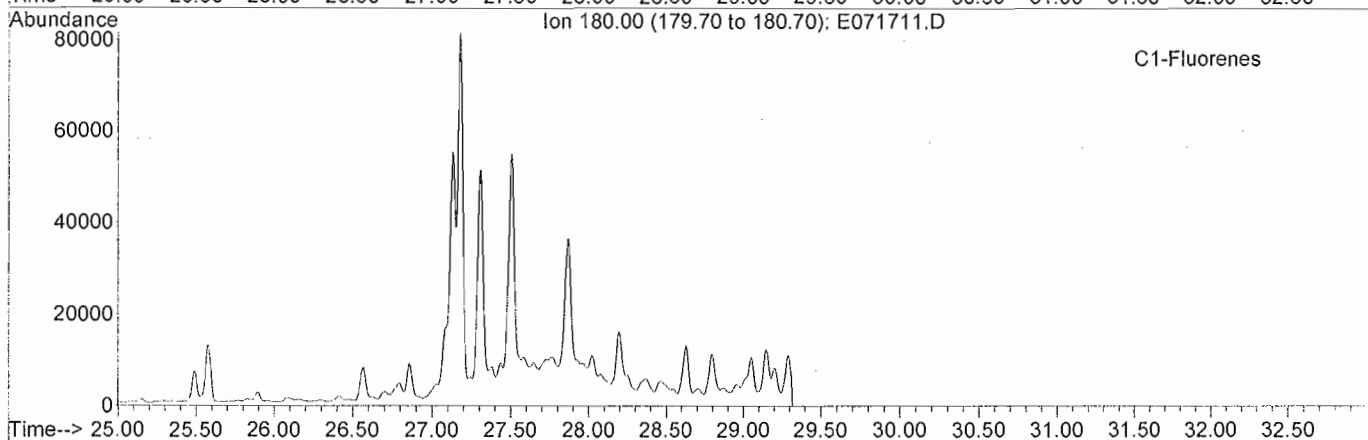
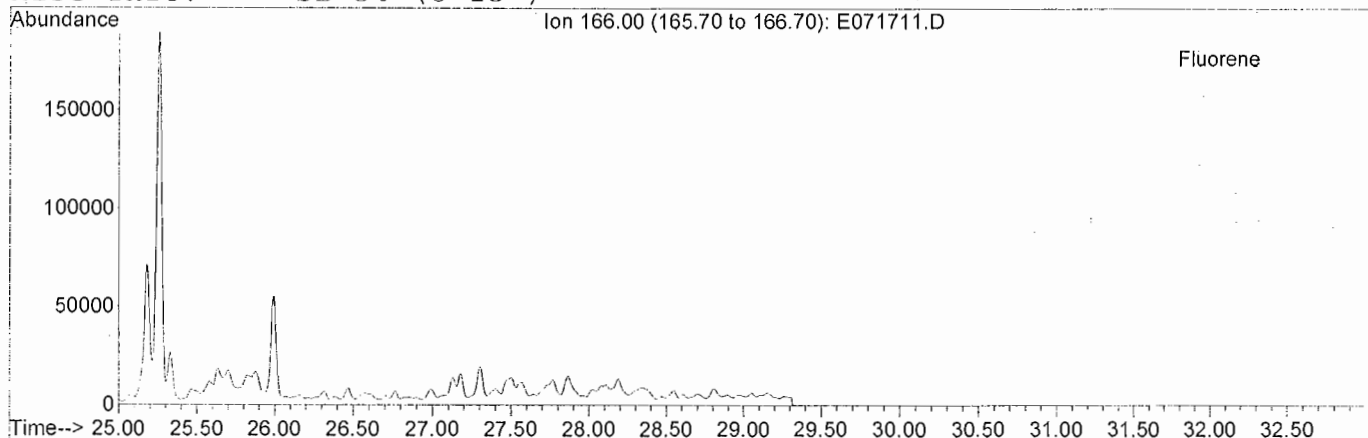
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Sample Name: PA090711-01
Misc Info: SB-34 (8-13')



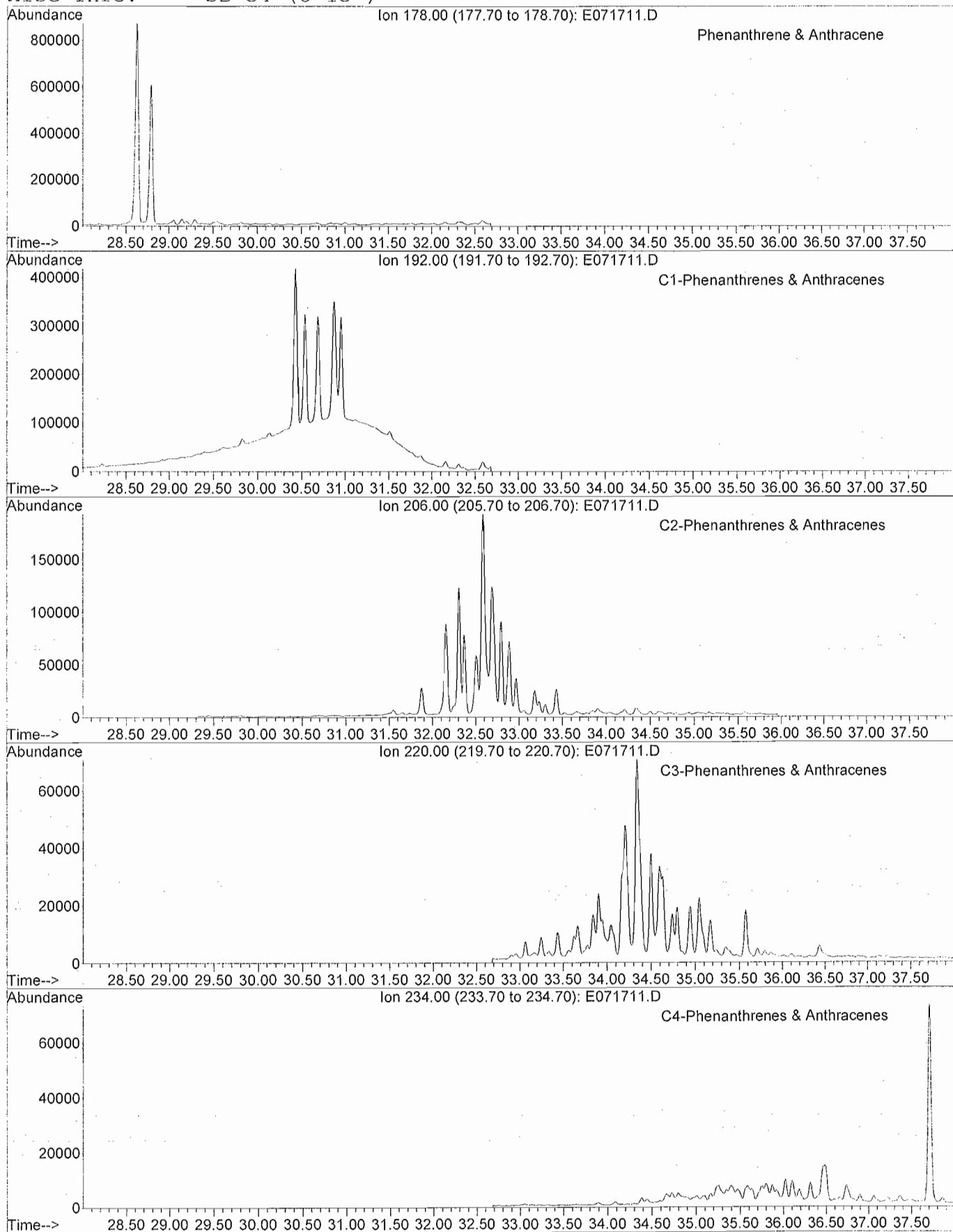
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Date Acquired: 18 Jul 2009 4:46 am
Sample Name: PA090711-01
Misc Info: SB-34 (8-13')



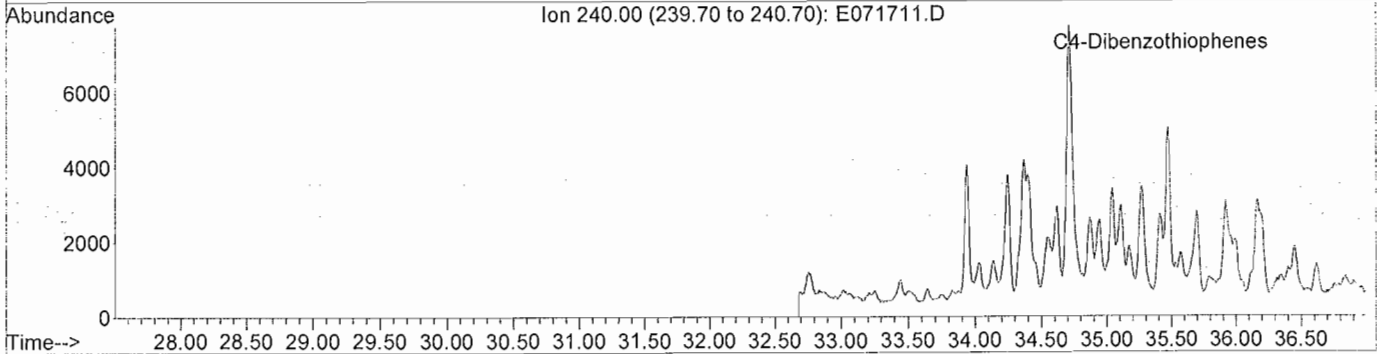
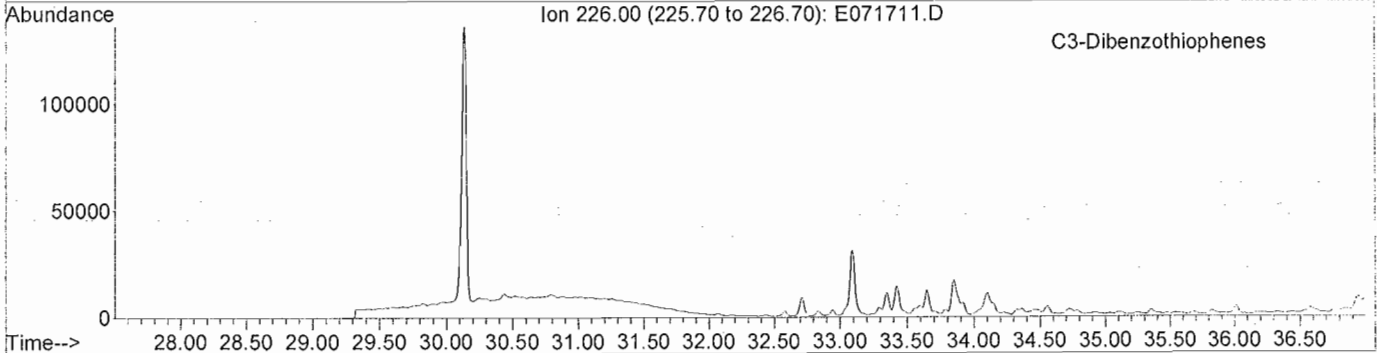
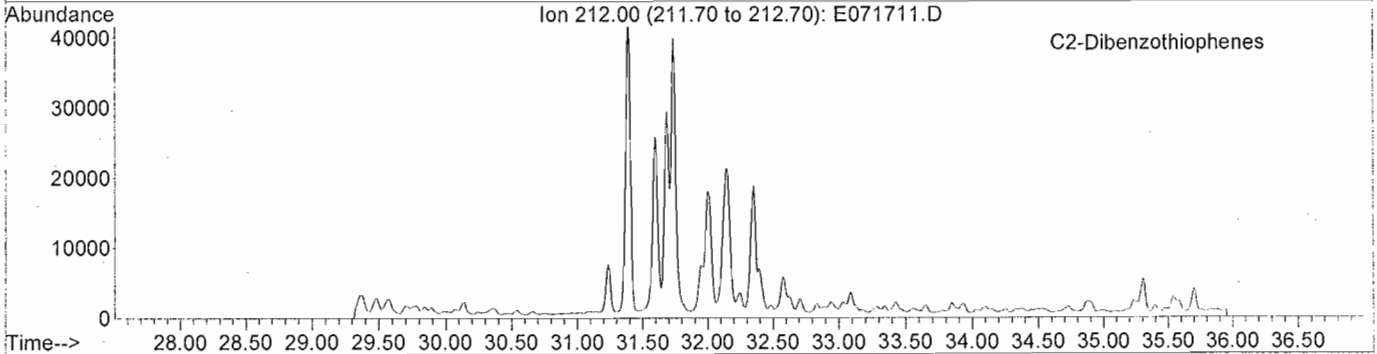
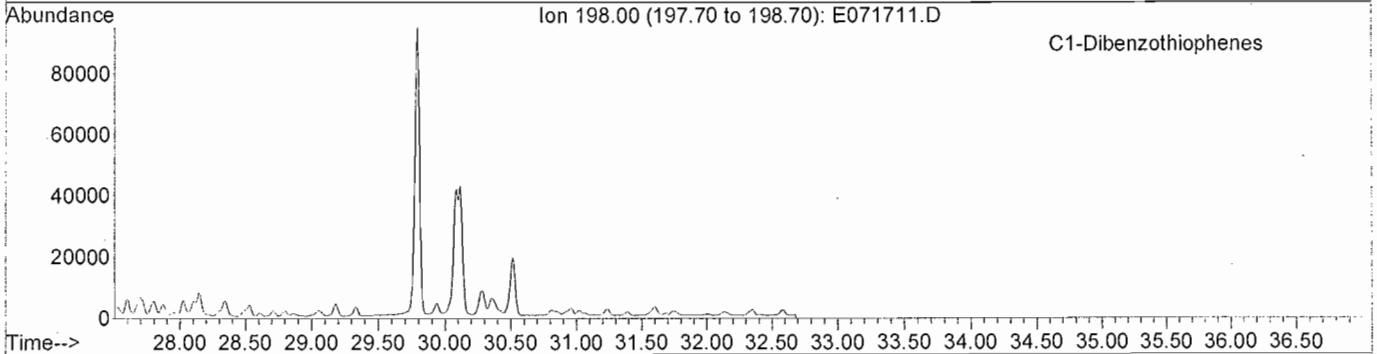
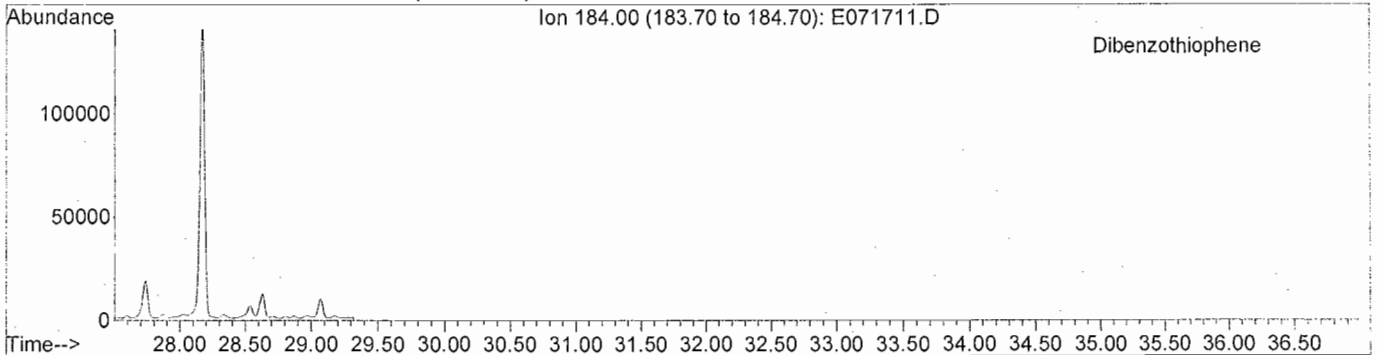
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File: \\INST-E\HPCHEM\1\DATA\E090717\E071711.D
 Date Acquired: 18 Jul 2009 4:46 am
 Sample Name: PA090711-01
 Misc Info: SB-34 (8-13')



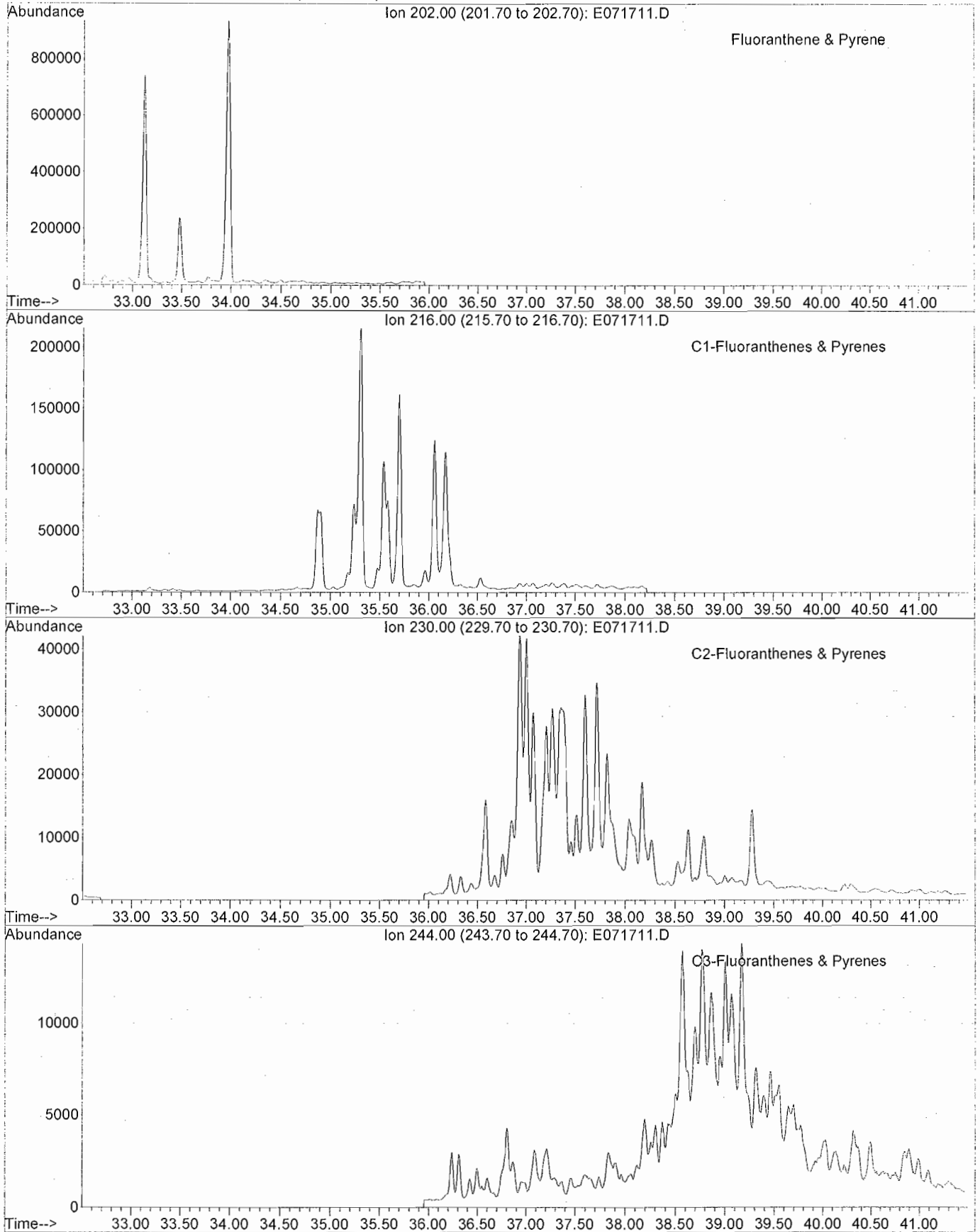
GC/MS EXTRACTED ION CHROMATOGRAM

File: \\INST-E\HPCHEM\1\DATA\E090717\E071711.D
Date Acquired: 18 Jul 2009 4:46 am
Sample Name: PA090711-01
Misc Info: SB-34 (8-13')



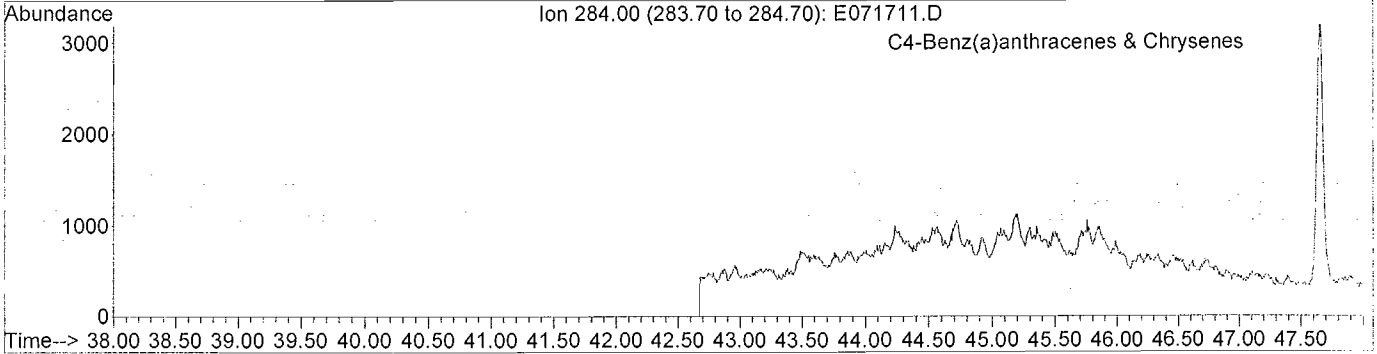
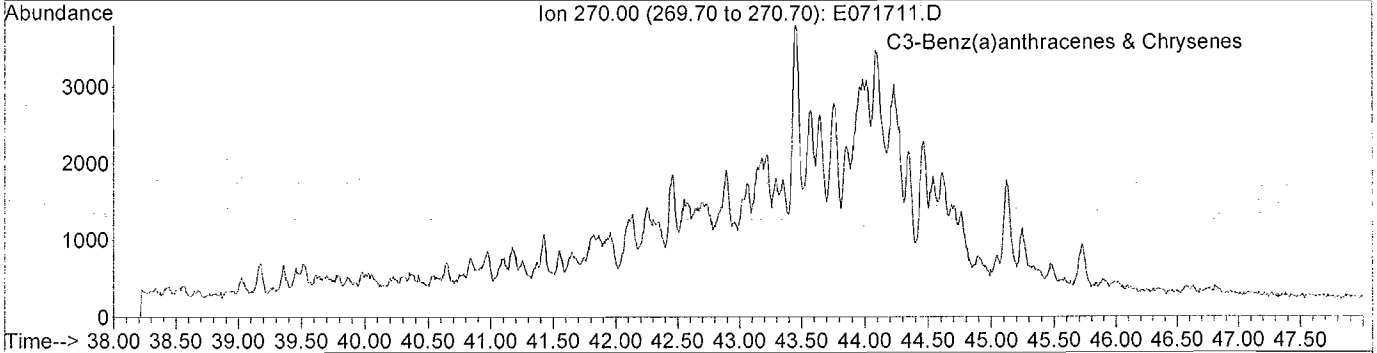
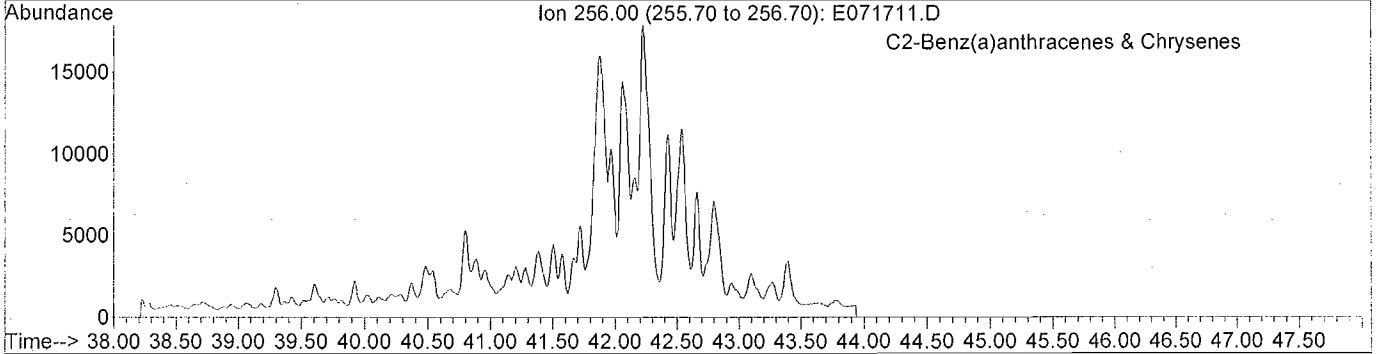
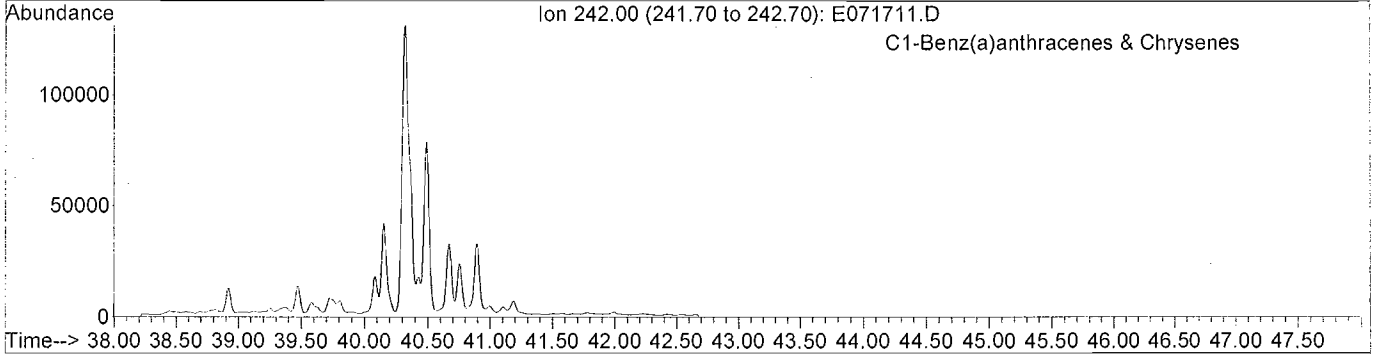
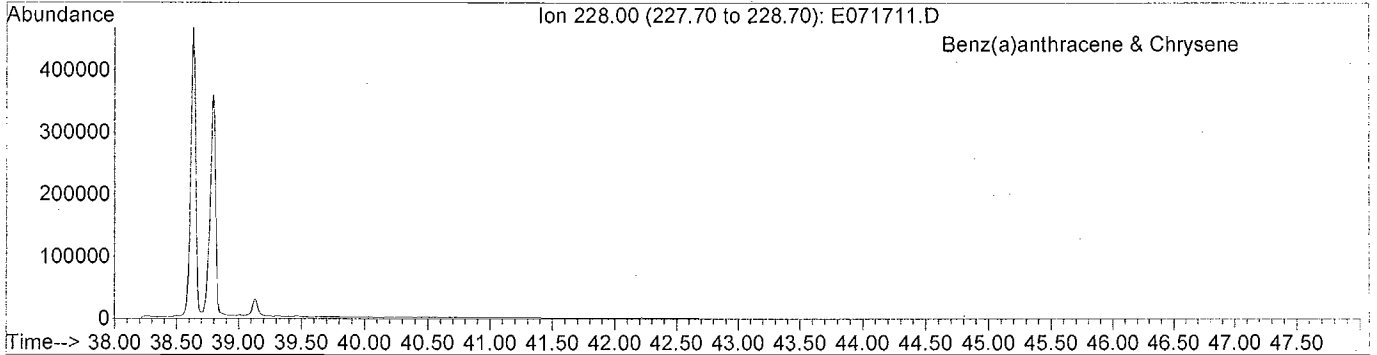
GC/MS EXTRACTED ION CHROMATOGRAM

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Date Acquired: 18 Jul 2009 4:46 am
Sample Name: PA090711-01
Misc Info: SB-34 (8-13')



GC/MS EXTRACTED ION CHROMATOGRAM

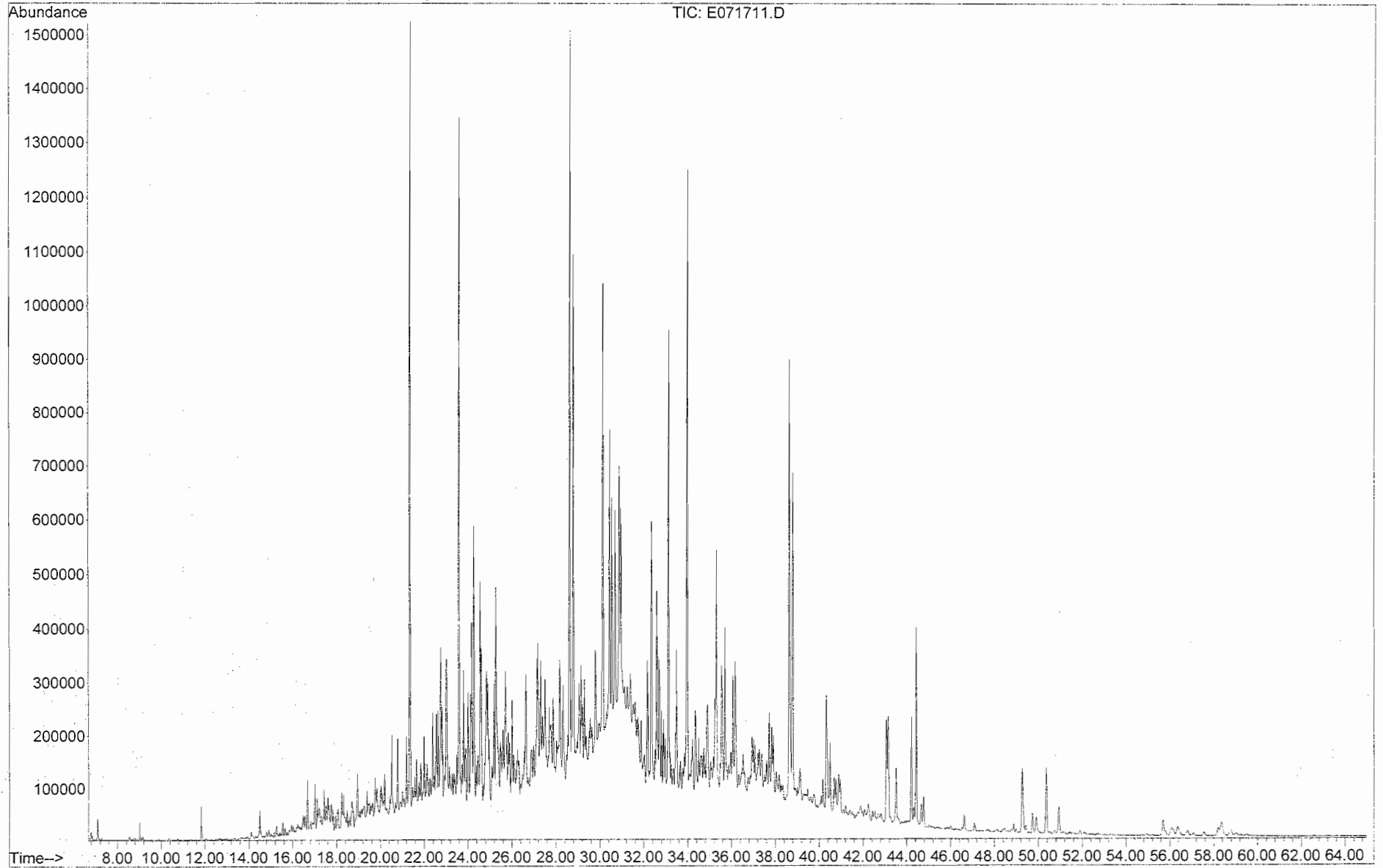
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Sample Name: PA090711-01
Misc Info: SB-34 (8-13')



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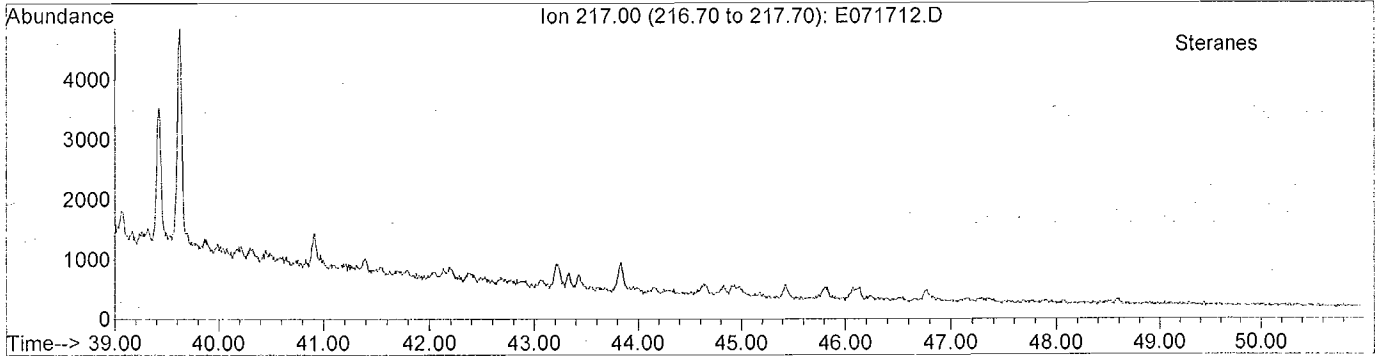
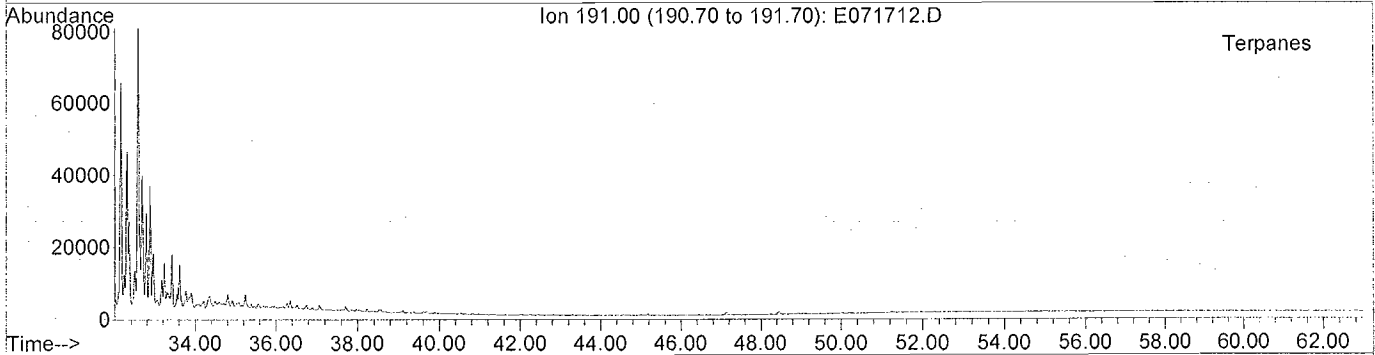
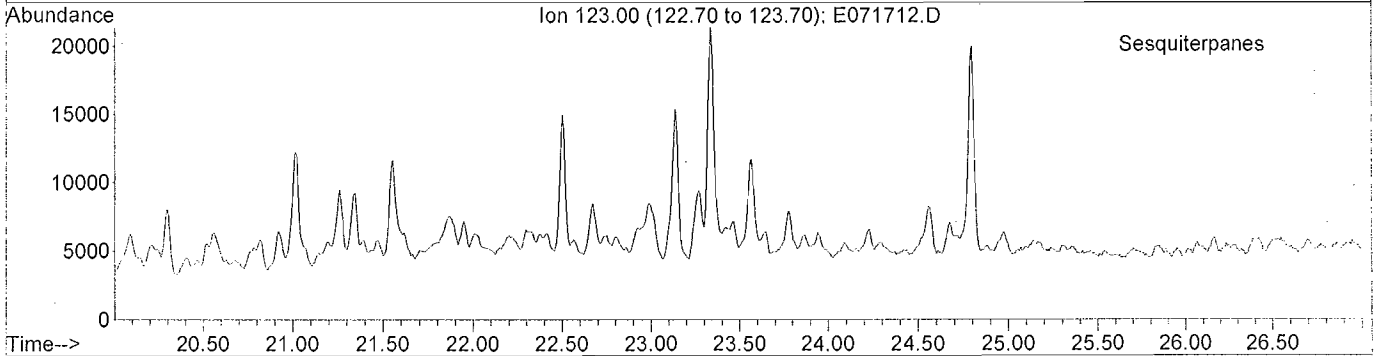
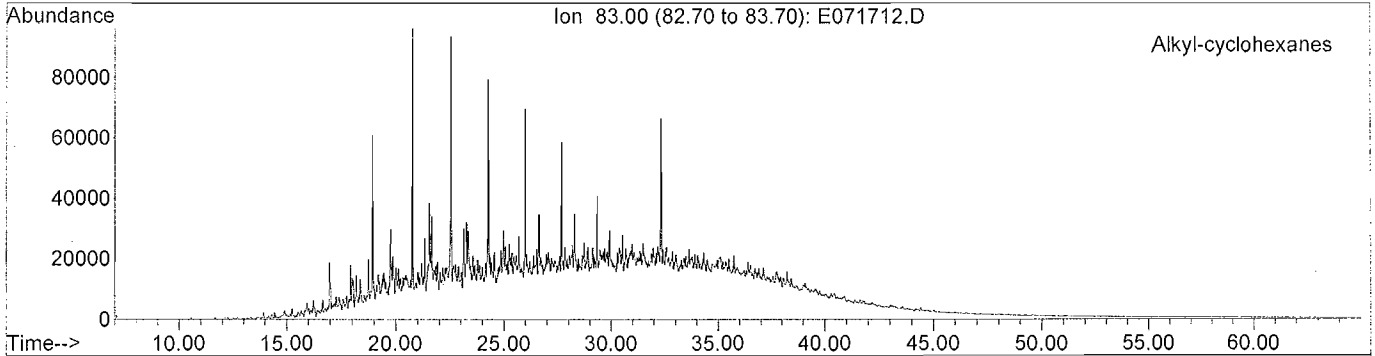
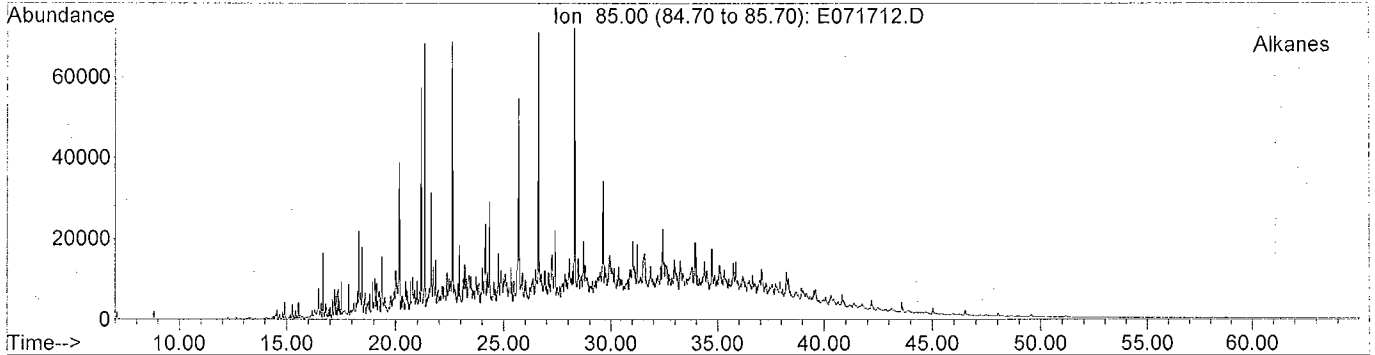
GC/MS TOTAL ION CHROMATOGRAM

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Sample Name: PA090711-01
Misc Info: SB-34 (8-13')



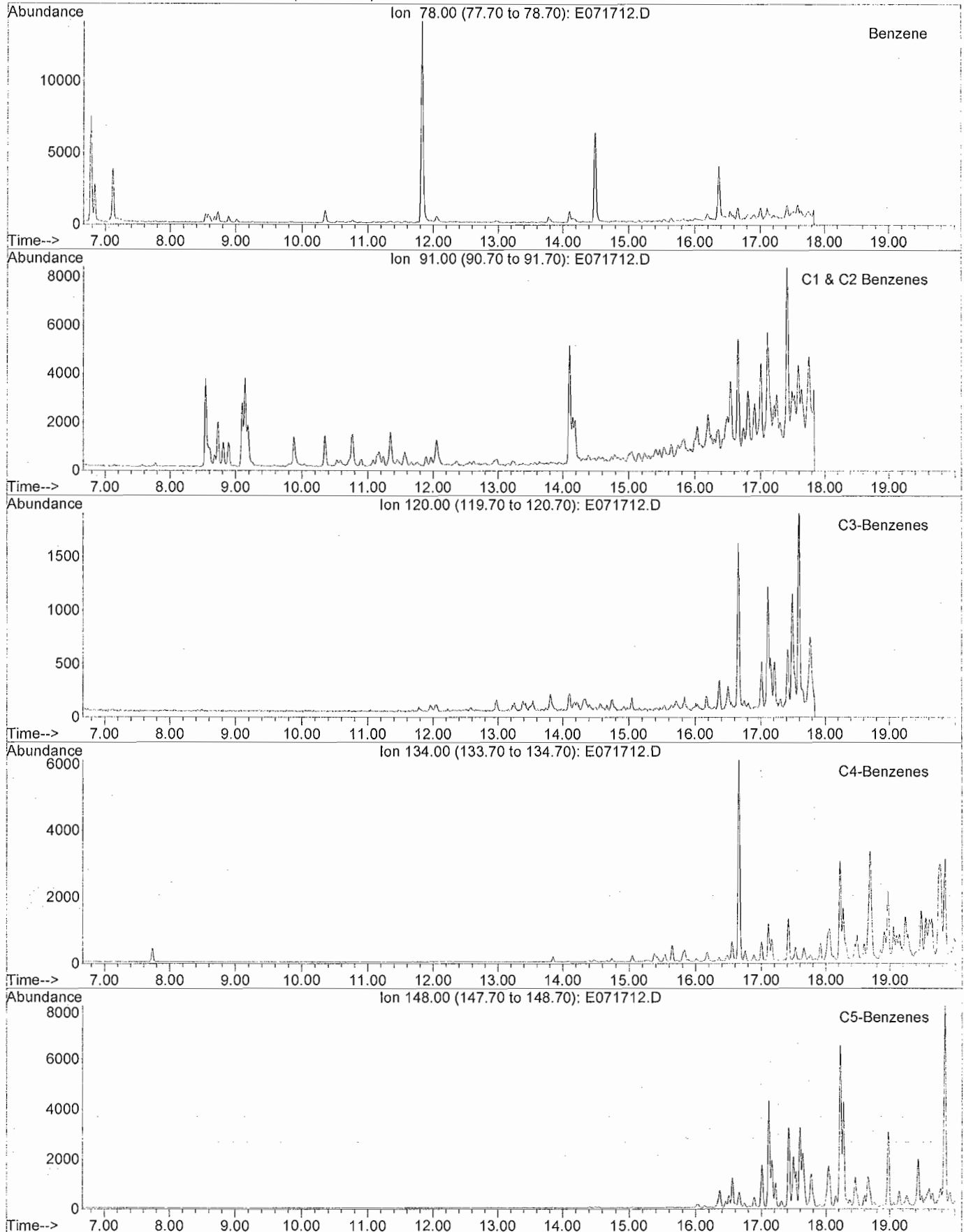
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Date Acquired: 18 Jul 2009 6:04 am
Sample Name: PA090711-01DUP
Misc Info: SB-34 (8-13')



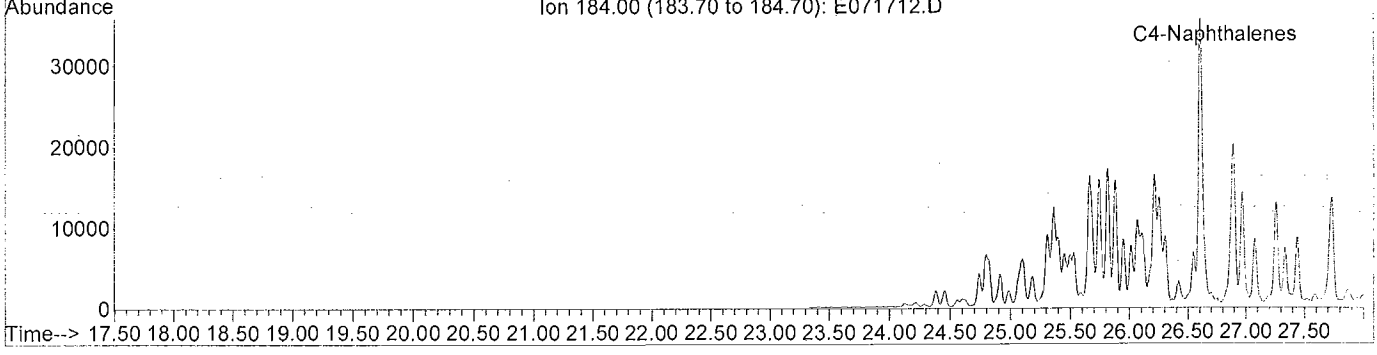
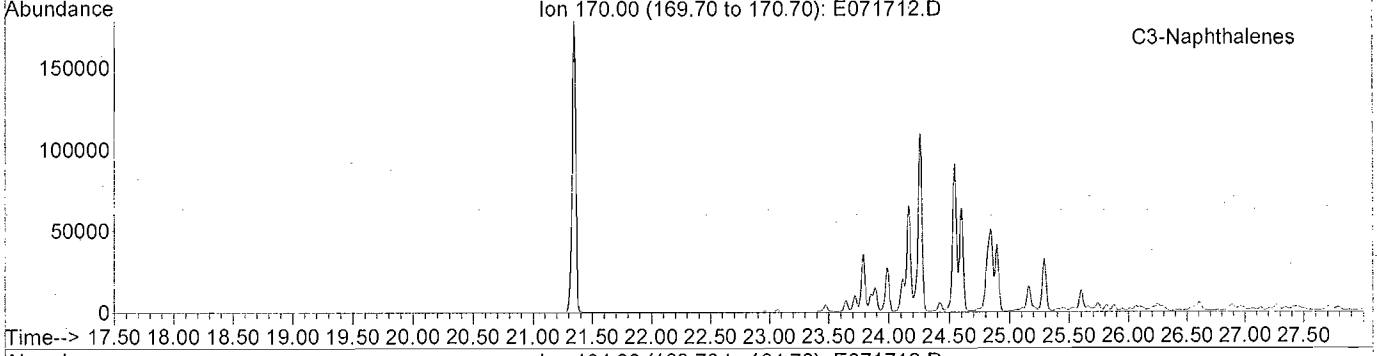
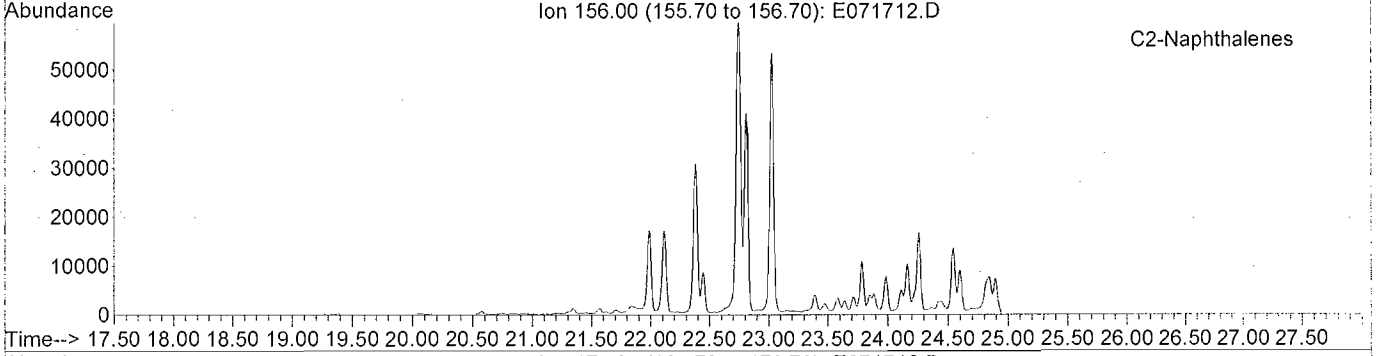
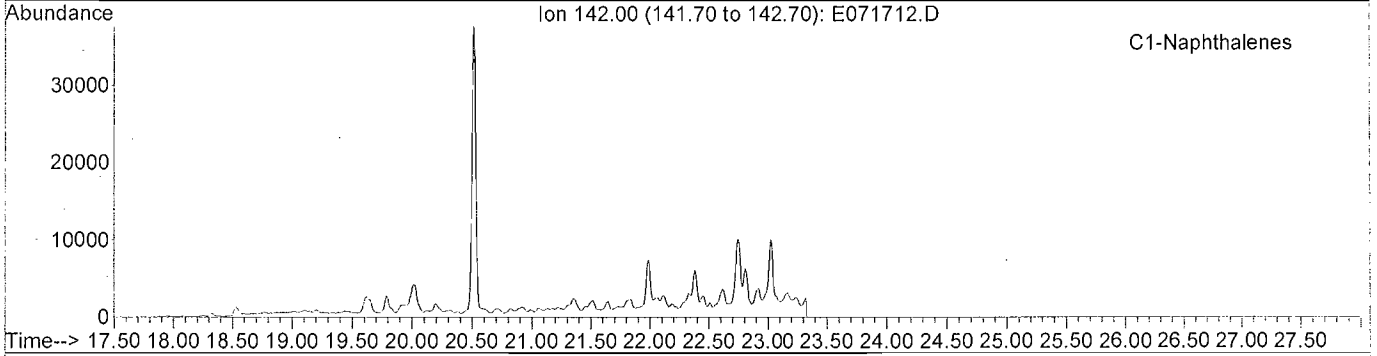
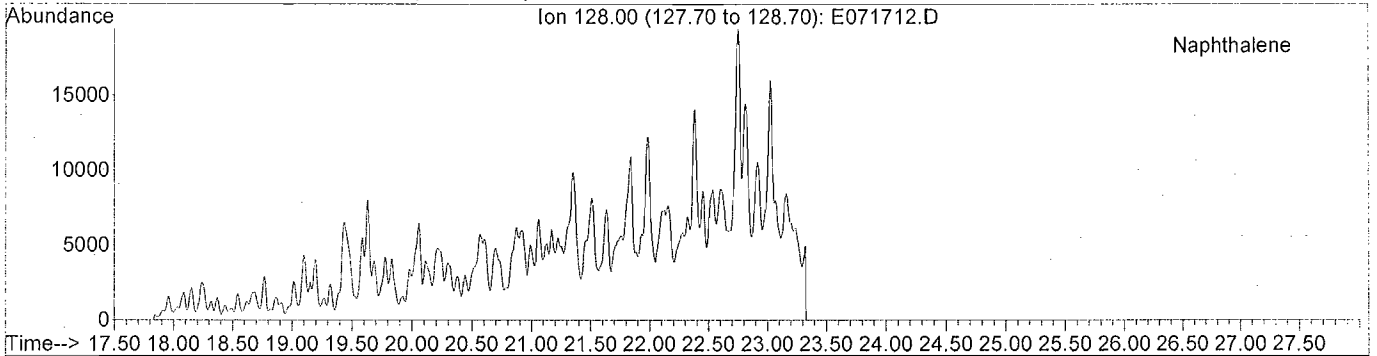
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Sample Name: PA090711-01DUP
Misc Info: SB-34 (8-13')



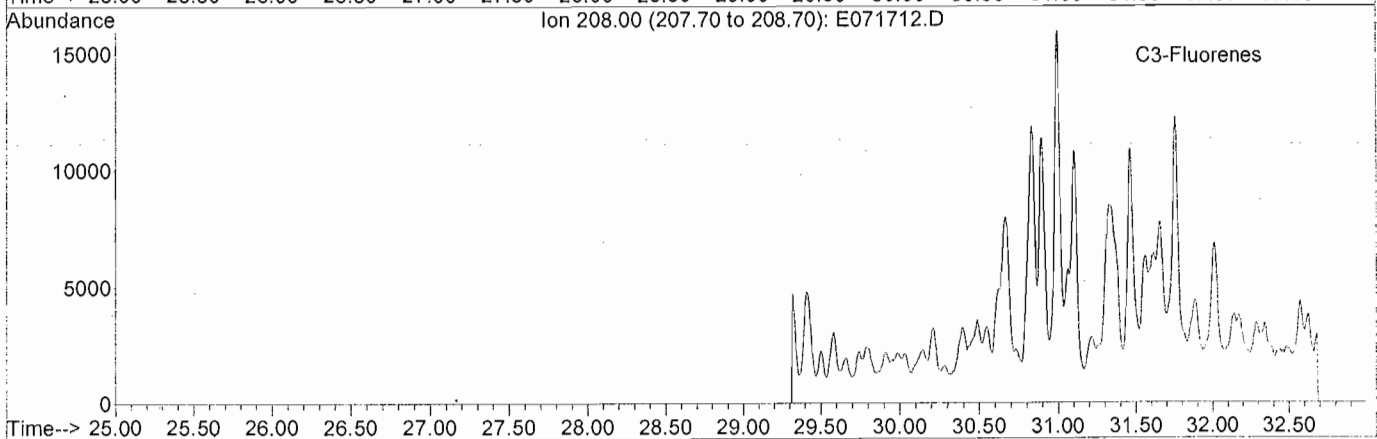
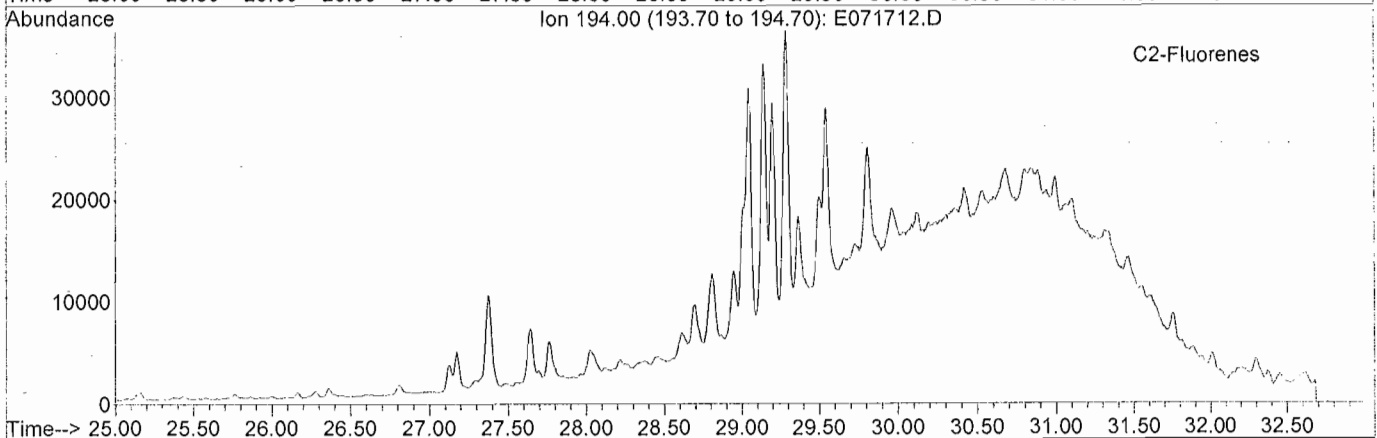
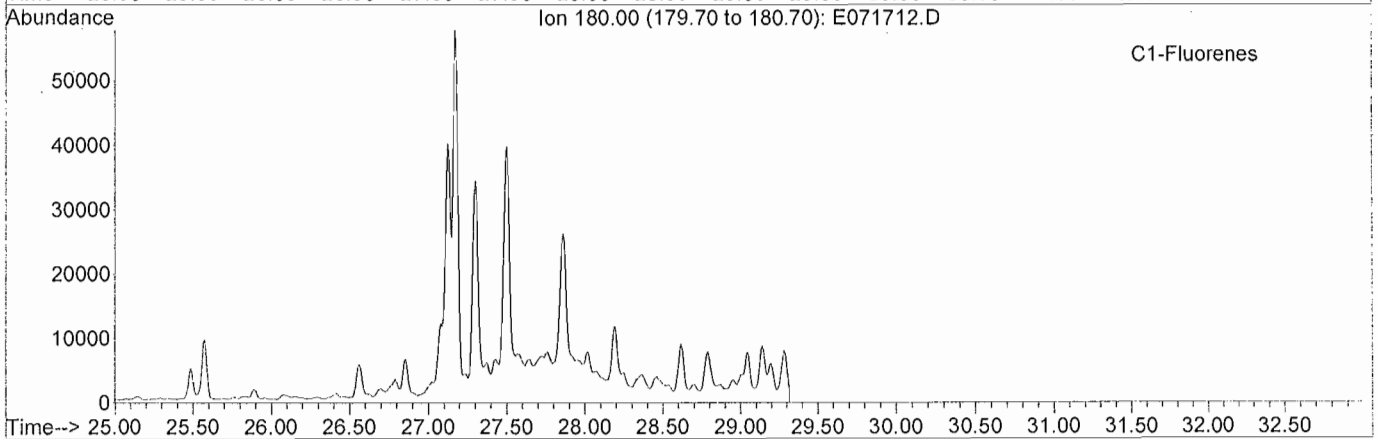
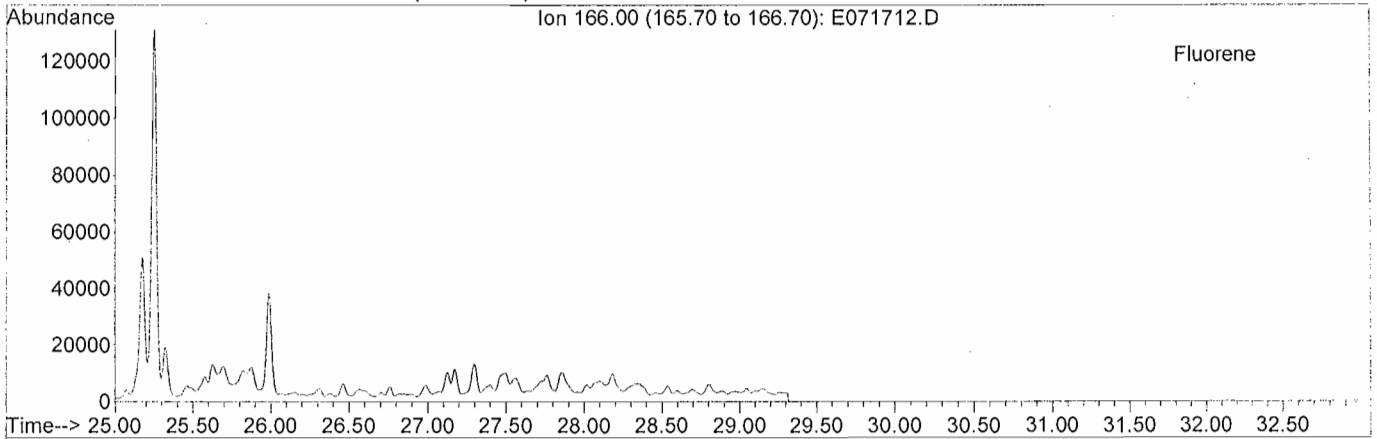
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Date Acquired: 18 Jul 2009 6:04 am
Sample Name: PA090711-01DUP
Misc Info: SB-34 (8-13')



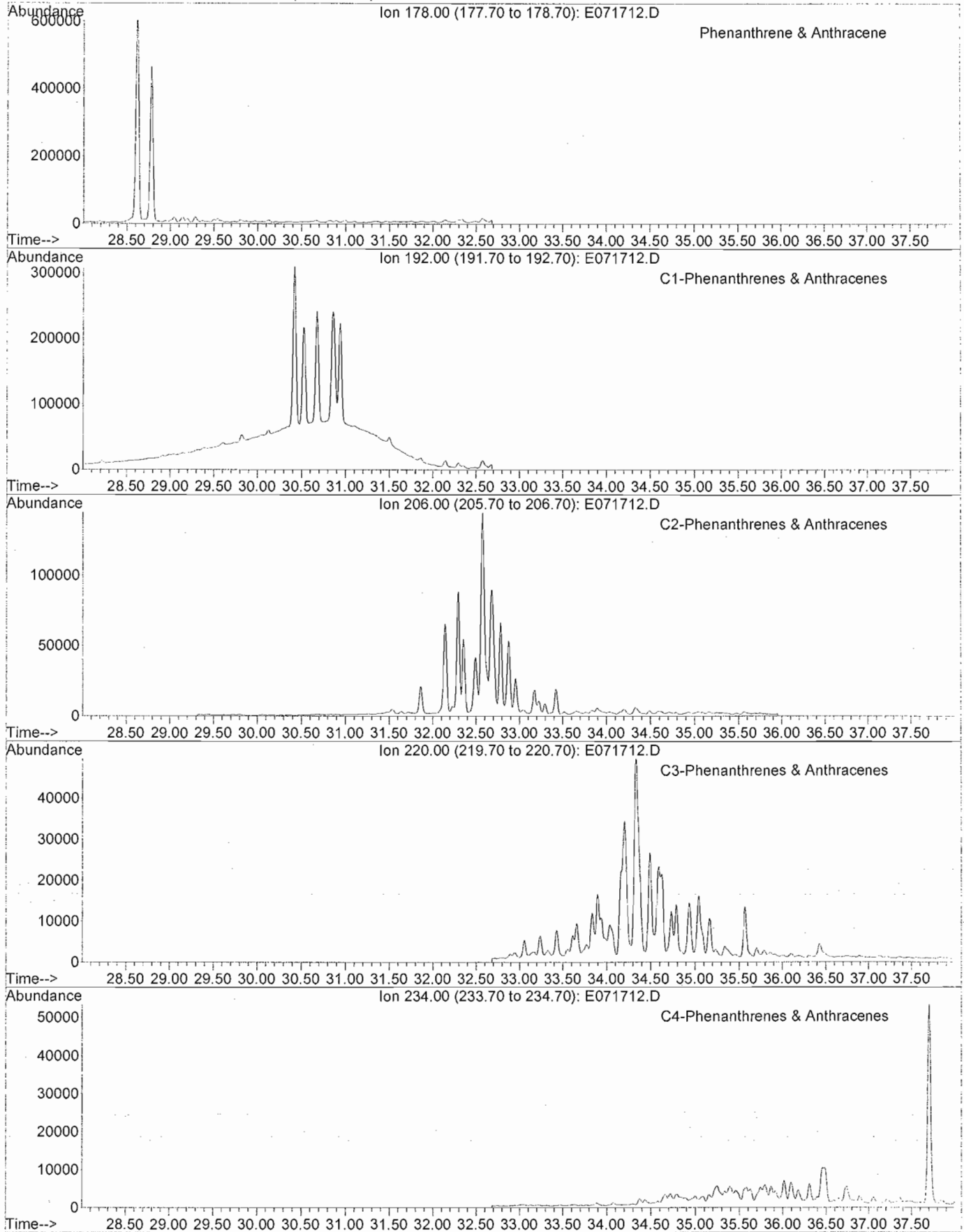
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Date Acquired: 18 Jul 2009 6:04 am
Sample Name: PA090711-01DUP
Misc Info: SB-34 (8-13')



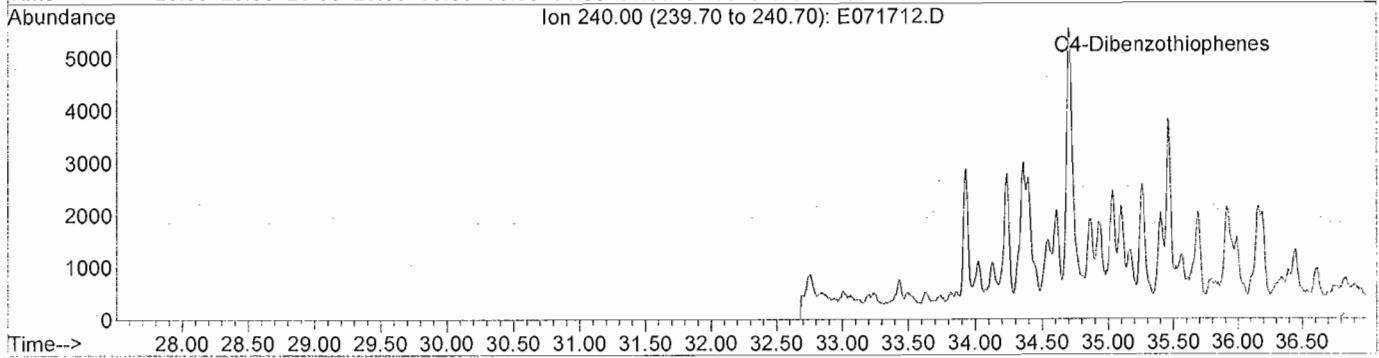
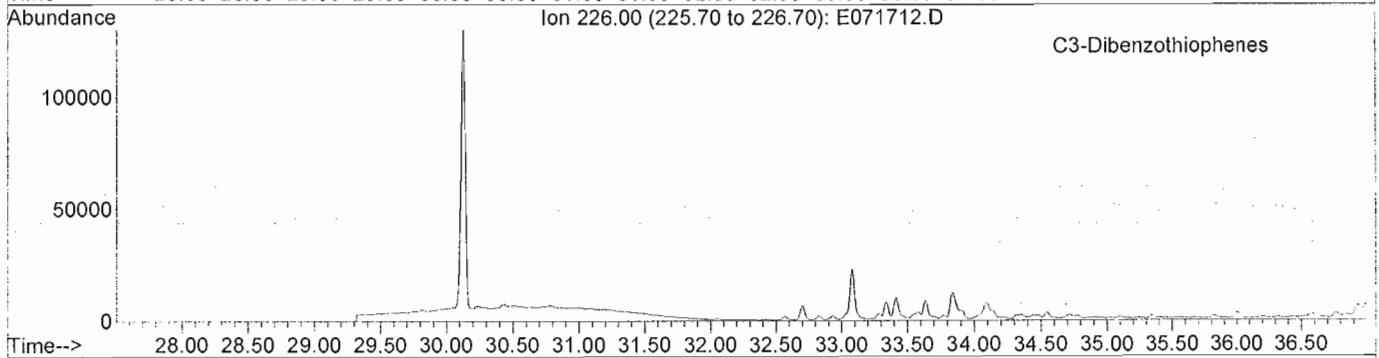
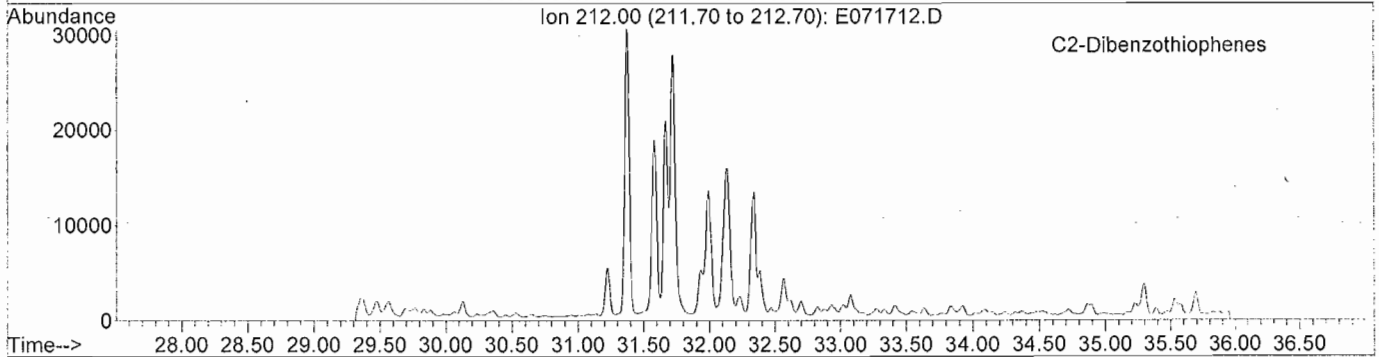
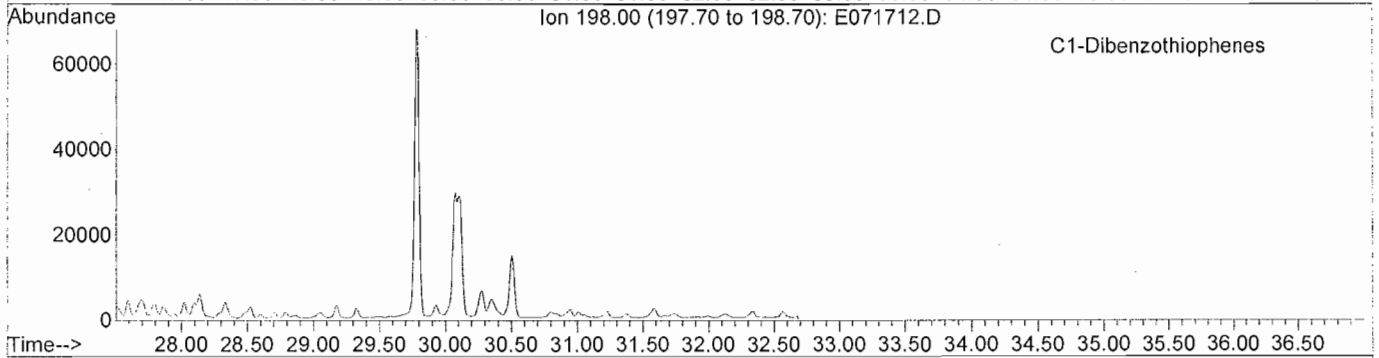
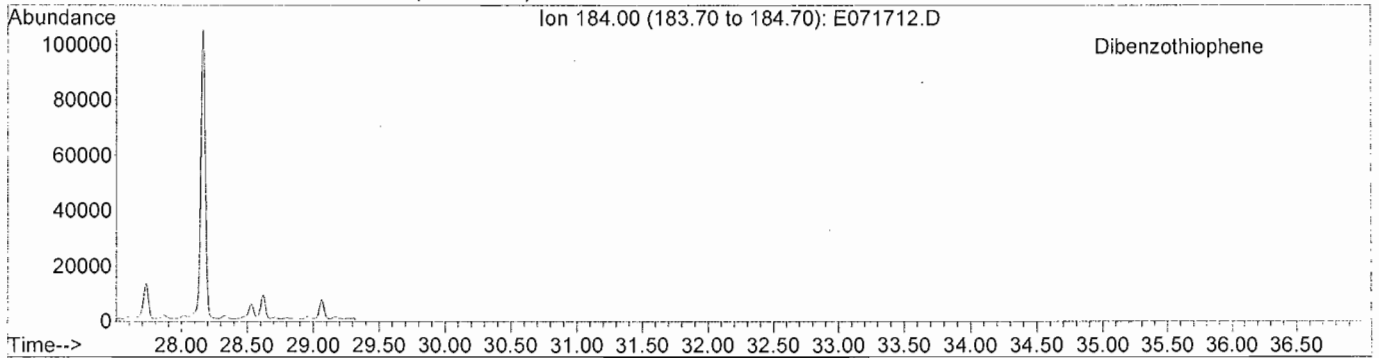
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File: \\INST-E\HPCHEM\1\DATA\E090717\E071712.D
Date Acquired: 18 Jul 2009 6:04 am
Sample Name: PA090711-01DUP
Misc Info: SB-34 (8-13')



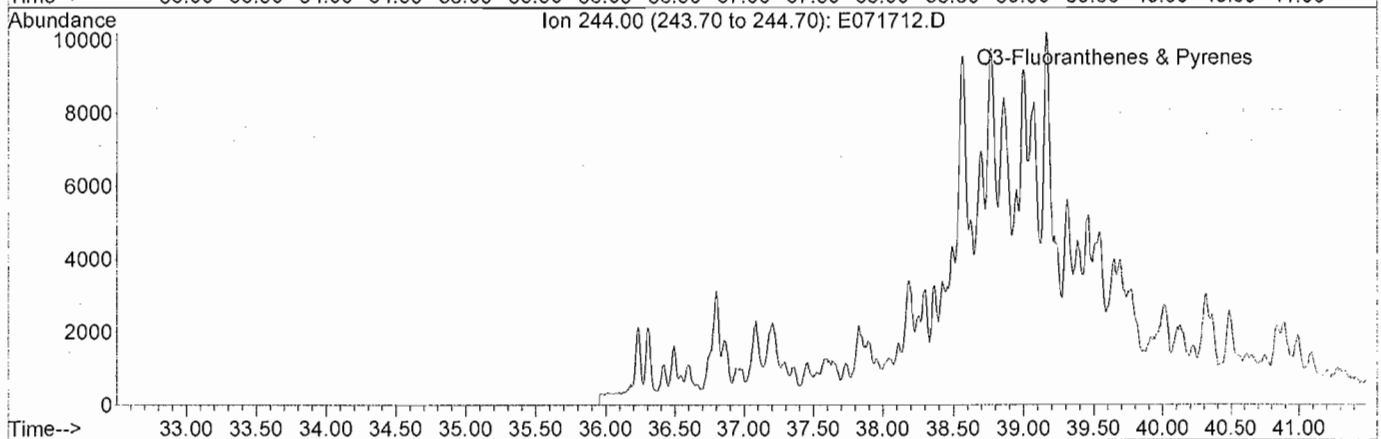
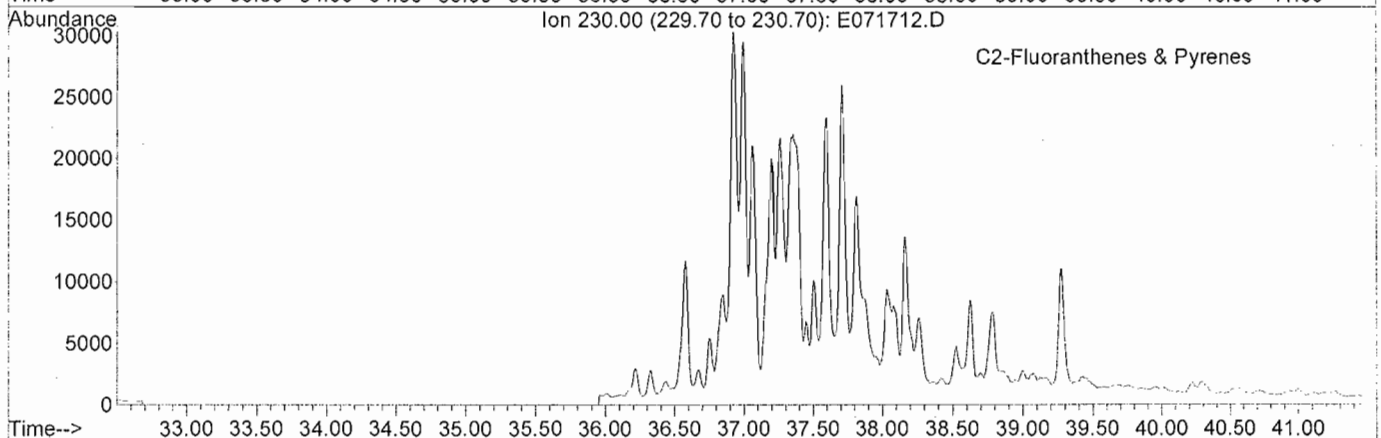
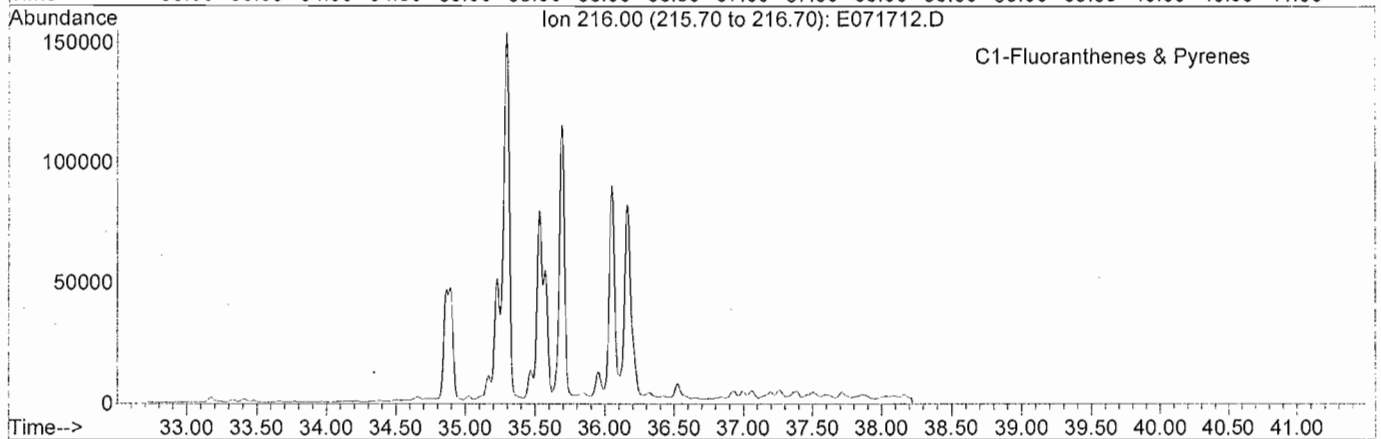
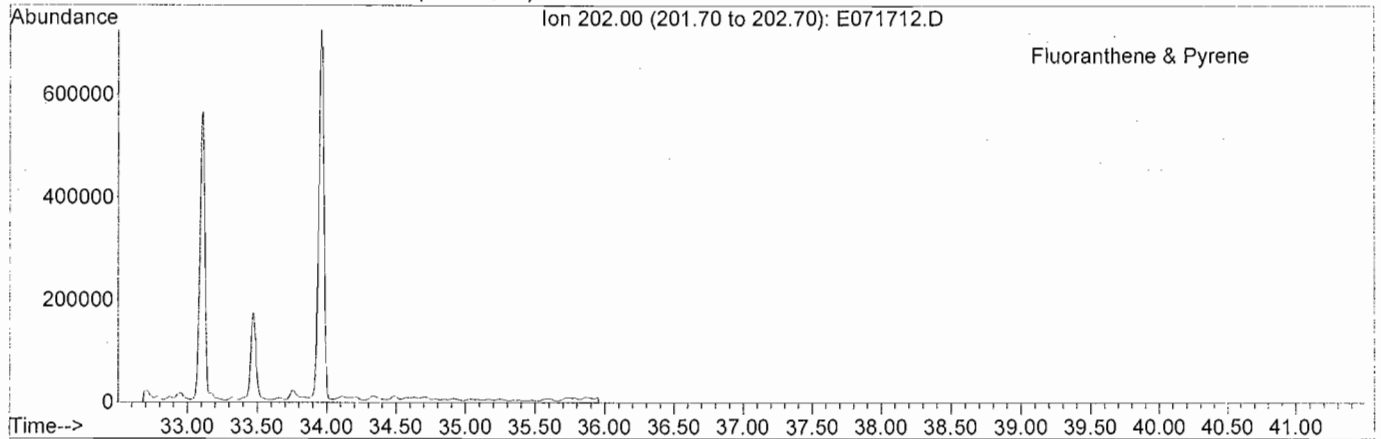
GC/MS EXTRACTED ION CHROMATOGRAM

File: \\INST-E\HPCHEM\1\DATA\E090717\E071712.D
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 Sample Name: PA090711-01DUP
 Misc Info: SB-34 (8-13')



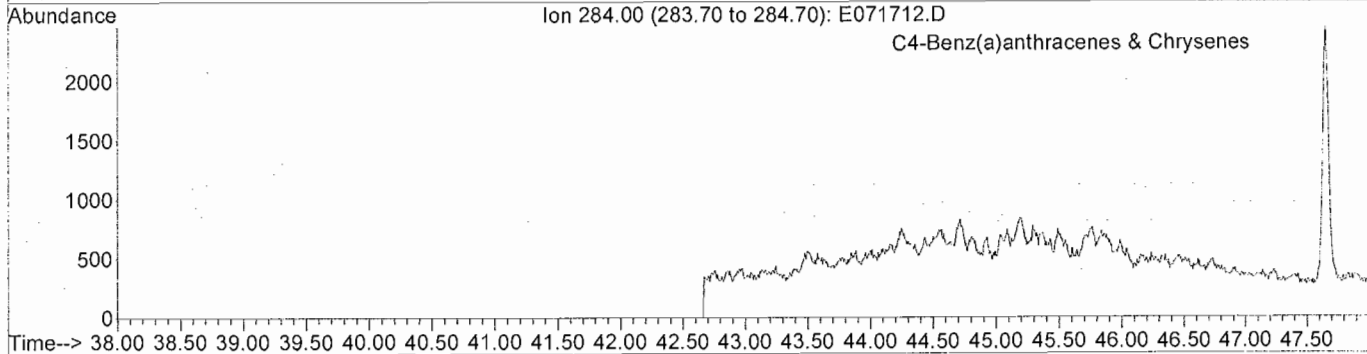
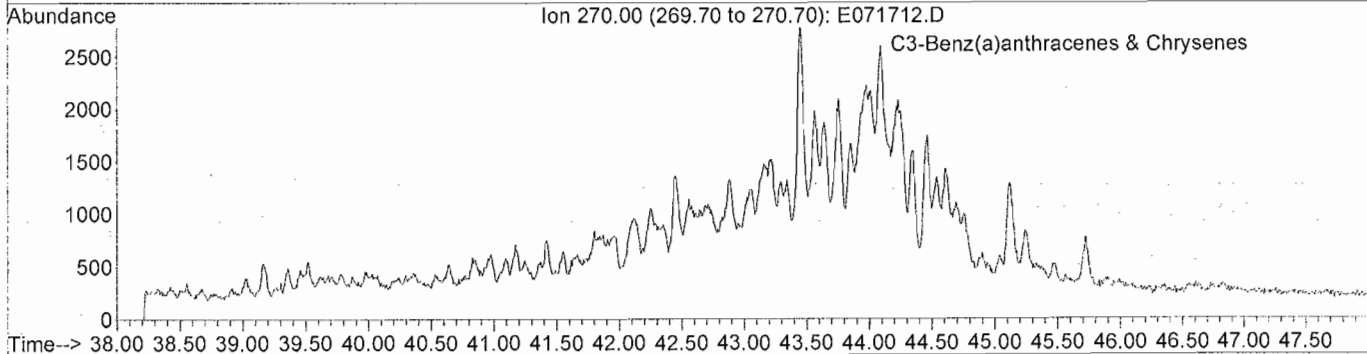
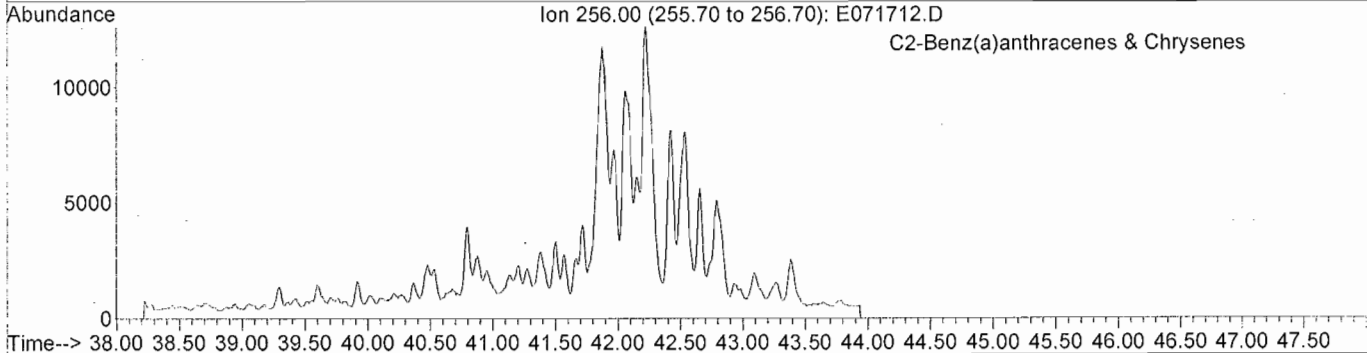
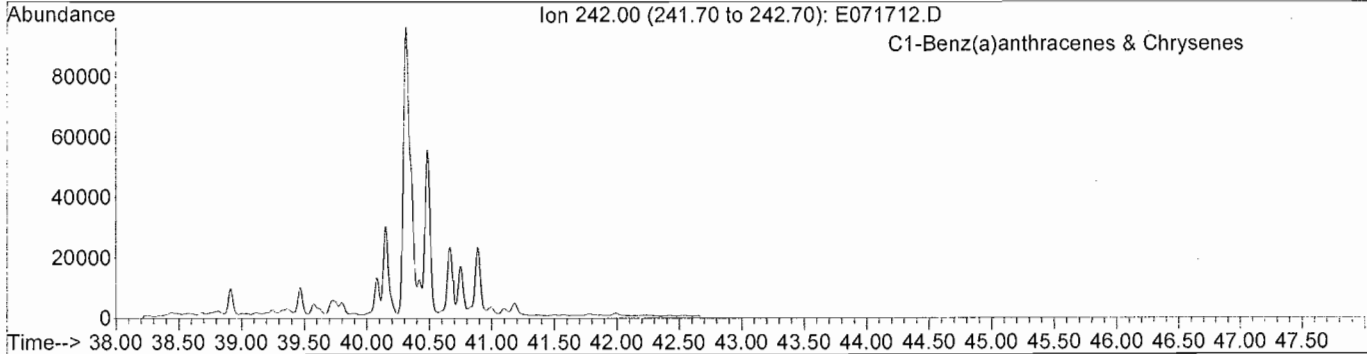
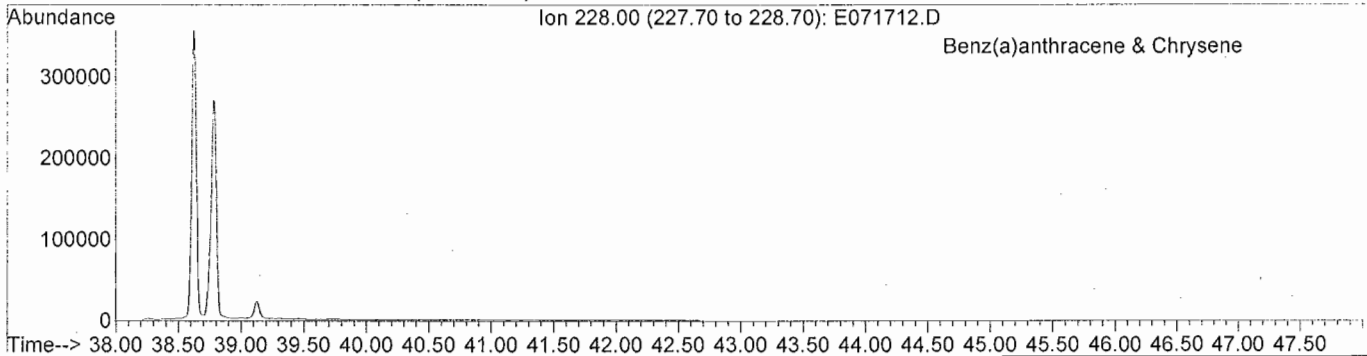
GC/MS EXTRACTED ION CHROMATOGRAM

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Date Acquired: 18 Jul 2009 6:04 am
Sample Name: PA090711-01DUP
Misc Info: SB-34 (8-13')



GC/MS EXTRACTED ION CHROMATOGRAM

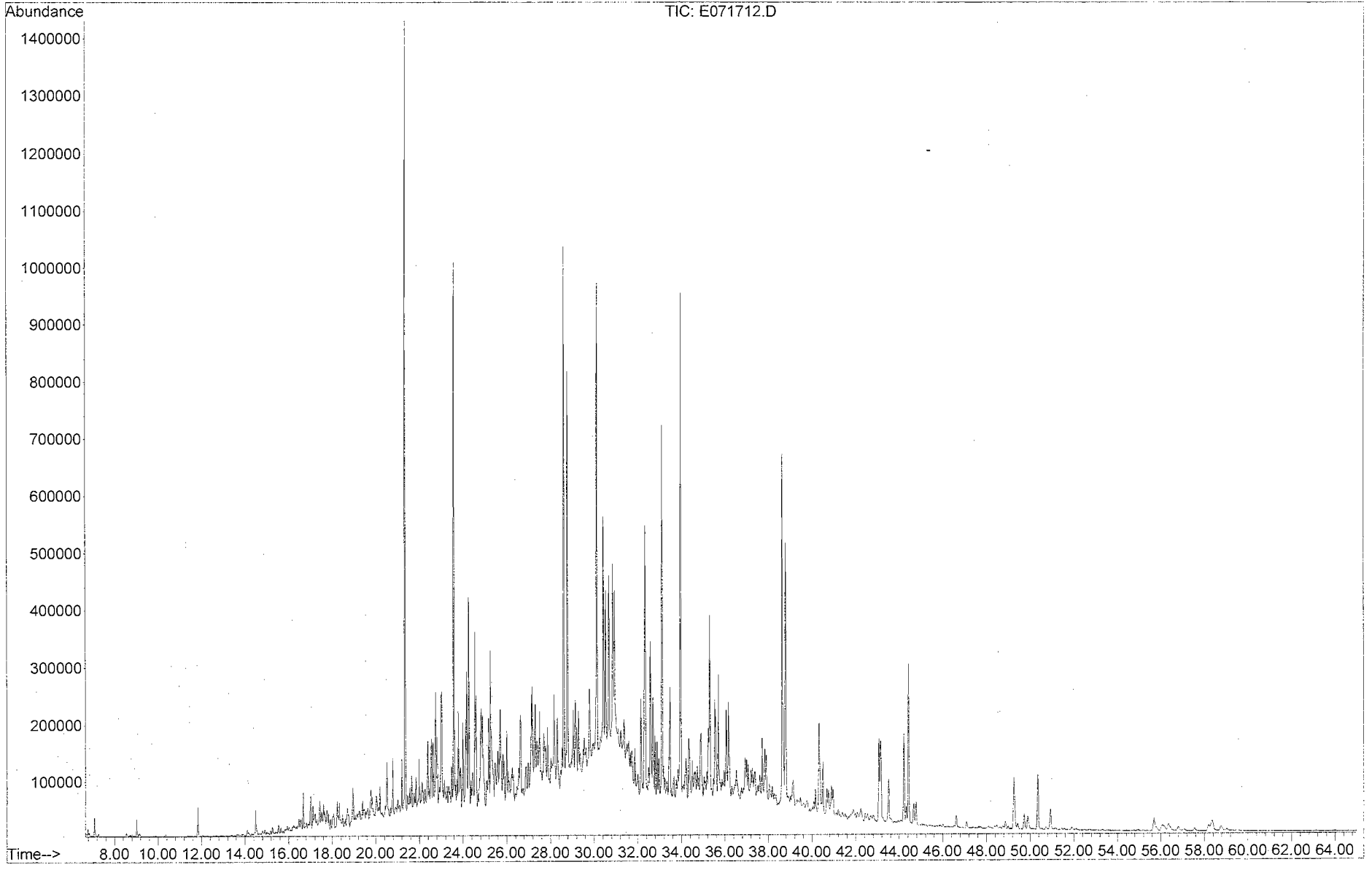
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Date Acquired: 18 Jul 2009 6:04 am
Sample Name: PA090711-01DUP
Misc Info: SB-34 (8-13')



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GC/MS TOTAL ION CHROMATOGRAM

File: \\INST-E\HPCHEM\1\DATA\E090717\E071712.D
Date Acquired: 18 Jul 2009 6:04 am
Sample Name: PA090711-01DUP
Misc Info: SB-34 (8-13')



GC/MS TOTAL ION CHROMATOGRAM

File: J:\1\DATA\E090602\E060237.D
 Date Acquired: 4 Jun 2009 9:56 am
 Method File: 4008SIMD.M
 Sample Name: PA090520-01DUP-D
 Misc Info: MW-19 (16-18) 10x
 Operator: ERL

