284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

DATA PACKAGE

METALS
SEMI-VOLATILE ORGANICS
VOLATILE ORGANICS

PROJECT NAME : STOCKTON

G ENVIRONMENTAL

8 Carriage Ln

Succasunna, NJ - 07876

Phone No: 973-294-1771

ORDER ID : Q2210

ATTENTION : Gary Landis

Laboratory Certification ID # 20012

Table Of Contents for Q2210

1) Signature Page 3

2) Case Narrative 5

2.1) VOCMS Group1- Case Narrative 5

2.2) SVOCMS Group1- Case Narrative 7

2.3) SVOCMS Group2- Case Narrative 9

2.4) Metals-AES- Case Narrative 11

3) Qualifier Page 13

4) QA Checklist 15

5) VOCMS Group1 Data 16

6) SVOCMS Group1 Data 90

7) SVOCMS Group2 Data 178

8) Metals-AES Data 249

9) Shipping Document 343

9.1) CHAIN OF CUSTODY 344

9.2) Lab Certificate 345

9.3) Internal COC 346

DATA OF KNOWN QUALITY CONFORMANCE/NON-CONFORMANCE SUMMARY QUESTIONNAIRE

Laboratory Name : Alliance Technical Group LLC Client : G Environmental

Project Location : NJ Project Number : Stockton

Laboratory Sample ID(s) : Q2210 Sampling Date(s) : 6/03/2025

List DKQP Methods Used (e.g., 8260,8270, et Cetra) **,6010D,7470A,8260-Low,8270-Modified,8270E,SOP**

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the NJDEP Data of Known Quality performance standards?	☑ Yes ☐ No
1A	Were the method specified handling, preservation, and holding time requirements met?	☑ Yes ☐ No
1B	EPH Method: Was the EPH method conducted without significant modifications (see Section 11.3 of respective DKQ methods)	☐ Yes ☐ No ☑ N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☑ Yes ☐ No
3	Were samples received at an appropriate temperature (4±2° C)?	☑ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the NJDEP DKQP standards achieved?	☐ Yes ☑ No
5	a)Were reporting limits specified or referenced on the chain-of-custody or communicated to the laboratory prior to sample receipt? b)Were these reporting limits met?	☑ Yes ☐ No ☑ Yes ☐ No ☐ N/A
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the DKQP documents and/or site-specific QAPP?	☑ Yes ☐ No
7	Are project-specific matrix spikes and/or laboratory duplicates included in this data set?	☐ Yes ☑ No

Notes: For all questions to which the response was “No” (with the exception of question #7), additional information should be provided in an attached narrative. If the answer to question #1, #1A, or #1B is “No”, the data package does not meet the requirements for “Data of Known Quality.”

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Cover Page

Order ID : Q2210

Project ID : Stockton

Client : G Environmental

Lab Sample Number	Client Sample Number
Q2210-01	TW1

I certify that the data package is in compliance with the terms and conditions of the contract,both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : APPROVED
By Nimisha Pandya, QA/QC Supervisor at 10:13 am, Jun 16, 2025

Date: 6/16/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

284 Sheffield Street, Mountainside, NJ 07092
Phone: 908 789 8900 Fax: 908 789 8922

CASE NARRATIVE

G Environmental
Project Name: Stockton
Project # N/A
Order ID # Q2210
Test Name: VOCMS Group1

A. Number of Samples and Date of Receipt:
1 Water sample was received on 06/04/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: Mercury, Metals ICP-TAL, METALS-TAL, SVOCMS Group1, SVOCMS Group2 and VOCMS Group1. This data package contains results for VOCMS Group1.

C. Analytical Techniques:
The analysis performed on instrument MSVOA_N were done using GC column Rxi-624SIL MS 30m, 0.25mm, 1.4 um, Cat. #13868.The analysis of VOCMS Group1 was based on method 8260D.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries met the acceptable criteria.
The Internal Standards Areas met the acceptable requirements.
The Retention Times were acceptable for all samples.

The RPD met criteria.
The Blank Spike met requirements for all samples.
The Blank Spike Duplicate met requirements for all samples.
The Blank analysis did not indicate the presence of lab contamination.

The Initial Calibration met the requirements.

The Continuous Calibration File ID VN086940.D met the requirements except for Bromoform is failing high but no positive hit in associate sample therefore no corrective action taken.

The Tuning criteria met requirements.

E. Additional Comments:
Samples for MS/MSD for VOC analysis were not provided with this set of samples. The Blank Spike Duplicate is reported with the data.

284 Sheffield Street, Mountainside, NJ 07092
Phone: 908 789 8900 Fax: 908 789 8922

Trip Blank was not provided with this set of samples.
Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <20% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 20% for the Initial Calibration curve for SW-846 analysis.

F. Manual Integration Comments:
Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature 

284 Sheffield Street, Mountainside, NJ 07092
Phone: 908 789 8900 Fax: 908 789 8922

CASE NARRATIVE

G Environmental
Project Name: Stockton
Project # N/A
Order ID # Q2210
Test Name: SVOCMS Group1

A. Number of Samples and Date of Receipt:
1 Water sample was received on 06/04/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: Mercury, Metals ICP-TAL, METALS-TAL, SVOCMS Group1, SVOCMS Group2 and VOCMS Group1. This data package contains results for SVOCMS Group1.

C. Analytical Techniques:
The samples were analyzed on instrument BNA_P using GC Column ZB-SemiVolatiles Guardian which is 30 meters, 0.25 mm ID, 0.5 um df, Catalog # 7HG-G027-17-GGAThe analysis of SVOCMS Group1 was based on method 8270E and extraction was done based on method 3510.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries met the acceptable criteria.
The Internal Standards Areas met the acceptable requirements.
The Retention Times were acceptable for all samples.

The MS {Q2230-03MS} with File ID: BP024879.D recoveries met the requirements for all compounds except for 3,3-Dichlorobenzidine[37%], 3-Nitroaniline[65%], 4-Chloroaniline[60%] and Hexachlorobutadiene[55%], this compound did not meet the NJDKQP criteria but met the in-house criteria.

The MSD {Q2230-04MSD} with File ID: BP024880.D recoveries met the acceptable requirements except for 3,3-Dichlorobenzidine[34%], 3-Nitroaniline[61%], 4-Chloroaniline[54%] and Hexachlorobutadiene[57%], this compound did not meet the NJDKQP criteria but met the in-house criteria.

The RPD met criteria.

The Blank Spike for {PB168323BS} with File ID: BP024873.D met requirements for all samples except for 3,3-Dichlorobenzidine[53%], 3-Nitroaniline[52%] and 4-Chloroaniline[41%], this compound did not meet the NJDKQP criteria but met the in-house criteria.

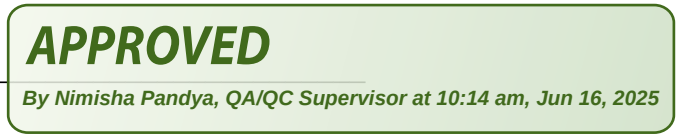
284 Sheffield Street, Mountainside, NJ 07092
Phone: 908 789 8900 Fax: 908 789 8922

The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements.
The Continuous Calibration met the requirements.
The Tuning criteria met requirements.

E. Additional Comments:
The Form 6 is not included in the data package because the Initial Calibration was performed using 7 points.
Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <20% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 20% for the Initial Calibration curve for SW-846 analysis.

F. Manual Integration Comments:
Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature 

284 Sheffield Street, Mountainside, NJ 07092
Phone: 908 789 8900 Fax: 908 789 8922

CASE NARRATIVE

G Environmental
Project Name: Stockton
Project # N/A
Order ID # Q2210
Test Name: SVOCMS Group2

A. Number of Samples and Date of Receipt:
1 Water sample was received on 06/04/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: Mercury, Metals ICP-TAL, METALS-TAL, SVOCMS Group1, SVOCMS Group2 and VOCMS Group1. This data package contains results for SVOCMS Group2.

C. Analytical Techniques:
The samples were analyzed on instrument BNA_N using GC Column ZB-SemiVolatiles Guardian which is 30 meters, 0.25 mm ID, 0.5 um df, Catalog # 7HG-G027-17-GGAThe analysis of SVOCMS Group2 was based on method 8270-Modified and extraction was done based on method 3510.

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Surrogate recoveries met the acceptable criteria.
The Internal Standards Areas met the acceptable requirements.
The Retention Times were acceptable for all samples.
The MS recoveries met the requirements for all compounds.
The MSD recoveries met the acceptable requirements.
The RPD met criteria.
The Blank Spike met requirements for all samples.
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements.
The Continuous Calibration met the requirements.
The Tuning criteria met requirements.

E. Additional Comments:
The Sample TW1 has the concentration of target compound below method detection limits; therefore it is not reported as Hit in Form1.
The Form 6 is not included in the data package because the Initial Calibration was performed using 7 points.
Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <20% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount

284 Sheffield Street, Mountainside, NJ 07092
Phone: 908 789 8900 Fax: 908 789 8922

for all compounds using Linear Regression when the %RSD value for a compound is > 20% for the Initial Calibration curve for SW-846 analysis.

F. Manual Integration Comments:
Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature___ **APPROVED**
By Nimisha Pandya, QA/QC Supervisor at 10:14 am, Jun 16, 2025

284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

CASE NARRATIVE

G Environmental
Project Name: Stockton
Project # N/A
Order ID # Q2210
Test Name: Mercury,Metals ICP-TAL

A. Number of Samples and Date of Receipt:
1 Water sample was received on 06/04/2025.

B. Parameters:
According to the Chain of Custody document, the following analyses were requested: Mercury, Metals ICP-TAL, METALS-TAL, SVOCMS Group1, SVOCMS Group2 and VOCMS Group1. This data package contains results for Mercury,Metals ICP-TAL.

C. Analytical Techniques:
The analysis of Metals ICP-TAL was based on method 6010D, digestion based on method 3010 (waters). The analysis and digestion of Mercury was based on method 7470A.

D. QA/ QC Samples:

The Holding Times were met for all analysis.
The Blank Spike met requirements for all samples.
The Duplicate (DSN003DUP) analysis met criteria for all samples except for Manganese due to sample matrix interference.
The Matrix Spike analysis met criteria for all samples.
The Matrix Spike Duplicate (DSN003MSD) analysis met criteria for all samples except for Potassium due to Chemical Interference during Digestion Process.
The Blank analysis did not indicate the presence of lab contamination.
The Calibration met the requirements.
The Serial Dilution met the acceptable requirements.

E. Additional Comments:

In analytical Sequence LB136052, the % Recovery outside limit for Arsenic, Iron, Potassium, Selenium, Sodium, Thallium and Zinc of CCV06 but, no any sample associated under this CCV.

In analytical Sequence LB136052, the % Recovery outside limit for Arsenic and Selenium of CCV07 but, no any sample associated under this CCV.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature____ **APPROVED**
By Nimisha Pandya, QA/QC Supervisor at 10:15 am, Jun 16, 2025

284 Sheffield Street, Mountainside NJ 07092
Tel. 908-789-8900 Fax: 908-789-8922

DATA REPORTING QUALIFIERS- INORGANIC

For reporting results, the following " Results Qualifiers" are used:

J	Indicates the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL), but greater than or equal to the Instrument Detection Limit (IDL).
U	Indicates the analyte was analyzed for, but not detected.
ND	Indicates the analyte was analyzed for, but not detected
E	Indicates the reported value is estimated because of the presence of interference
M	Indicates Duplicate injection precision not met.
N	Indicates the spiked sample recovery is not within control limits.
S	Indicates the reported value was determined by the Method of Standard Addition (MSA).
*	Indicates that the duplicate analysis is not within control limits.
+	Indicates the correlation coefficient for the MSA is less than 0.995.
D	Indicates the reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.
M	Method qualifiers **"P"** for ICP instrument **"PM"** for ICP when Microwave Digestion is used **"CV"** for Manual Cold Vapor AA **"AV"** for automated Cold Vapor AA **"CA"** for MIDI-Distillation Spectrophotometric **"AS"** for Semi –Automated Spectrophotometric **"C"** for Manual Spectrophotometric **"T"** for Titrimetric **"NR"** for analyte not required to be analyzed
OR	Indicates the analyte's concentration exceeds the calibrated range of the instrument for that specific analysis.
Q	Indicates the LCS did not meet the control limits requirements
H	Sample Analysis Out Of Hold Time

284 Sheffield Street, Mountainside NJ 07092 Tel.
908-789-8900 Fax: 908-789-8922

DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following " Results Qualifiers" are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10 U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the analyte was analyzed for, but not detected
J	Indicates an estimated value**.** This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This is flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as "12 B".
E	Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.
Q	Indicates the LCS did not meet the control limits requirements

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q2210

	Completed
For thorough review, the report must have the following:	
GENERAL:	
Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)	✓
Check chain-of-custody for proper relinquish/return of samples	✓
Is the chain of custody signed and complete	✓
Check internal chain-of-custody for proper relinquish/return of samples /sample extracts	✓
Collect information for each project id from server. Were all requirements followed	✓
COVER PAGE:	
Do numbers of samples correspond to the number of samples in the Chain of Custody on login page	✓
Do lab numbers and client Ids on cover page agree with the Chain of Custody	✓
CHAIN OF CUSTODY:	
Do requested analyses on Chain of Custody agree with form I results	✓
Do requested analyses on Chain of Custody agree with the log-in page	✓
Were the correct method log-in for analysis according to the Analytical Request and Chain of Castody	✓
Were the samples received within hold time	✓
Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle	✓
ANALYTICAL:	
Was method requirement followed?	✓
Was client requirement followed?	✓
Does the case narrative summarize all QC failure?	✓
All runlogs and manual integration are reviewed for requirements	✓
All manual calculations and /or hand notations verified	✓

QA Review Signature: SOHIL JODHANI **Date:** 06/16/2025

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Hit Summary Sheet
SW-846

SDG No.: Q2210

Client: G Environmental

Sample ID	Client ID	Matrix	Parameter		Concentration		C	MDL	RDL	Units
Client ID:	**TW1**									
Q2210-01	TW1	Water	Acetone		1.60		J	1.50	5.00	ug/L
Q2210-01	TW1	Water	Methyl tert-butyl Ether		0.50		J	0.16	1.00	ug/L
			Total Voc :			2.10				
Q2210-01	TW1	Water	1,2,4-Trimethylbenzene	*	0.42		J	0.14	1.00	ug/L
			Total Tics :			0.42				
			Total Concentration:			2.52				

SAMPLE DATA

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	06/03/25
Project:	Stockton	Date Received:	06/04/25
Client Sample ID:	TW1	SDG No.:	Q2210
Lab Sample ID:	Q2210-01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086959.D	1		06/11/25 19:10	VN061125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.22	U	0.22	1.00	ug/L
74-87-3	Chloromethane	0.32	U	0.32	1.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.33	U	0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	1.00	ug/L
75-65-0	Tert butyl alcohol	5.50	U	5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
67-64-1	Acetone	1.60	J	1.50	5.00	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.50	J	0.16	1.00	ug/L
79-20-9	Methyl Acetate	0.27	U	0.27	1.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.23	U	0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	1.50	U	1.50	5.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	1.00	ug/L
74-97-5	Bromochloromethane	0.22	U	0.22	1.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	1.00	ug/L
108-87-2	Methylcyclohexane	0.16	U	0.16	1.00	ug/L
71-43-2	Benzene	0.15	U	0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	1.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	1.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	5.00	ug/L

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental		Date Collected:	06/03/25	
Project:	Stockton		Date Received:	06/04/25	
Client Sample ID:	TW1		SDG No.:	Q2210	
Lab Sample ID:	Q2210-01		Matrix:	Water	
Analytical Method:	8260D		% Solid:	0	
Sample Wt/Vol:	5	Units: mL	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group1	
GC Column:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086959.D	1		06/11/25 19:10	VN061125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-88-3	Toluene	0.14	U	0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	1.00	ug/L
100-41-4	Ethyl Benzene	0.13	U	0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	0.24	U	0.24	2.00	ug/L
95-47-6	o-Xylene	0.12	U	0.12	1.00	ug/L
100-42-5	Styrene	0.15	U	0.15	1.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	1.00	ug/L
98-82-8	Isopropylbenzene	0.12	U	0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	49.1		70 (74) - 130 (125)	98%	SPK: 50
1868-53-7	Dibromofluoromethane	49.8		70 (75) - 130 (124)	100%	SPK: 50
2037-26-5	Toluene-d8	52.3		70 (86) - 130 (113)	105%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.2		70 (77) - 130 (121)	100%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	327000	8.235			
540-36-3	1,4-Difluorobenzene	624000	9.106			
3114-55-4	Chlorobenzene-d5	567000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	271000	13.794			

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	06/03/25
Project:	Stockton	Date Received:	06/04/25
Client Sample ID:	TW1	SDG No.:	Q2210
Lab Sample ID:	Q2210-01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086959.D	1		06/11/25 19:10	VN061125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS						
95-63-6	1,2,4-Trimethylbenzene	0.42	J		13.5	ug/L

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

QC SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Surrogate Summary

SDG No.: Q2210

Client: G Environmental

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits Low	Limits High
Q2210-01	TW1	1,2-Dichloroethane-d4	50	49.1	98	70 (74)	130 (125)
		Dibromofluoromethane	50	49.8	100	70 (75)	130 (124)
		Toluene-d8	50	52.3	105	70 (86)	130 (113)
		4-Bromofluorobenzene	50	50.2	100	70 (77)	130 (121)
VN0611WBL01	VN0611WBL01	1,2-Dichloroethane-d4	50	48.3	97	70 (74)	130 (125)
		Dibromofluoromethane	50	49.3	99	70 (75)	130 (124)
		Toluene-d8	50	51.7	103	70 (86)	130 (113)
		4-Bromofluorobenzene	50	49.4	99	70 (77)	130 (121)
VN0611WBS02	VN0611WBS02	1,2-Dichloroethane-d4	50	47.1	94	70 (74)	130 (125)
		Dibromofluoromethane	50	51.1	102	70 (75)	130 (124)
		Toluene-d8	50	48.7	97	70 (86)	130 (113)
		4-Bromofluorobenzene	50	50.0	100	70 (77)	130 (121)
VN0611WBSD0	VN0611WBSD02	1,2-Dichloroethane-d4	50	47.9	96	70 (74)	130 (125)
		Dibromofluoromethane	50	52.3	105	70 (75)	130 (124)
		Toluene-d8	50	49.5	99	70 (86)	130 (113)
		4-Bromofluorobenzene	50	50.1	100	70 (77)	130 (121)

( ) = LABORATORY INHOUSE LIMIT

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2210

Client: G Environmental

Analytical Method: SW8260-Low **Datafile :** VN086944.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN0611WBS02	Dichlorodifluoromethane	20	19.7	ug/L	99			40 (69)	160 (116)	
	Chloromethane	20	16.1	ug/L	81			40 (65)	160 (116)	
	Vinyl chloride	20	18.9	ug/L	95			70 (65)	130 (117)	
	Bromomethane	20	16.6	ug/L	83			40 (58)	160 (125)	
	Chloroethane	20	19.4	ug/L	97			40 (56)	160 (128)	
	Trichlorofluoromethane	20	19.2	ug/L	96			40 (73)	160 (115)	
	1,1,2-Trichlorotrifluoroethane	20	19.6	ug/L	98			70 (80)	130 (112)	
	Tert butyl alcohol	100	92.8	ug/L	93			70 (48)	130 (142)	
	1,1-Dichloroethene	20	19.2	ug/L	96			70 (74)	130 (110)	
	Acetone	100	99.0	ug/L	99			40 (60)	160 (125)	
	Carbon disulfide	20	17.8	ug/L	89			40 (64)	160 (112)	
	Methyl tert-butyl Ether	20	19.6	ug/L	98			70 (78)	130 (114)	
	Methyl Acetate	20	19.0	ug/L	95			70 (67)	130 (125)	
	Methylene Chloride	20	19.0	ug/L	95			70 (72)	130 (114)	
	trans-1,2-Dichloroethene	20	18.5	ug/L	93			70 (75)	130 (108)	
	1,1-Dichloroethane	20	19.4	ug/L	97			70 (78)	130 (112)	
	Cyclohexane	20	17.6	ug/L	88			70 (75)	130 (110)	
	2-Butanone	100	90.4	ug/L	90			40 (65)	160 (122)	
	Carbon Tetrachloride	20	19.2	ug/L	96			70 (77)	130 (113)	
	cis-1,2-Dichloroethene	20	19.5	ug/L	98			70 (77)	130 (110)	
	Bromochloromethane	20	19.9	ug/L	100			70 (70)	130 (124)	
	Chloroform	20	19.5	ug/L	98			70 (79)	130 (113)	
	1,1,1-Trichloroethane	20	19.0	ug/L	95			70 (80)	130 (108)	
	Methylcyclohexane	20	16.9	ug/L	85			70 (72)	130 (115)	
	Benzene	20	19.3	ug/L	97			70 (82)	130 (109)	
	1,2-Dichloroethane	20	19.5	ug/L	98			70 (80)	130 (115)	
	Trichloroethene	20	19.9	ug/L	100			70 (77)	130 (113)	
	1,2-Dichloropropane	20	19.6	ug/L	98			70 (83)	130 (111)	
	Bromodichloromethane	20	19.6	ug/L	98			70 (83)	130 (110)	
	4-Methyl-2-Pentanone	100	98.0	ug/L	98			40 (74)	160 (118)	
	Toluene	20	19.5	ug/L	98			70 (82)	130 (110)	
	t-1,3-Dichloropropene	20	19.9	ug/L	100			70 (79)	130 (110)	
	cis-1,3-Dichloropropene	20	20.1	ug/L	101			70 (82)	130 (110)	
	1,1,2-Trichloroethane	20	20.4	ug/L	102			70 (83)	130 (112)	
	2-Hexanone	100	89.2	ug/L	89			40 (73)	160 (117)	
	Dibromochloromethane	20	20.5	ug/L	103			70 (82)	130 (110)	
	1,2-Dibromoethane	20	19.7	ug/L	99			70 (81)	130 (110)	
	Tetrachloroethene	20	19.2	ug/L	96			70 (67)	130 (123)	
	Chlorobenzene	20	20.0	ug/L	100			70 (82)	130 (109)	
	Ethyl Benzene	20	19.6	ug/L	98			70 (83)	130 (109)	
	m/p-Xylenes	40	39.6	ug/L	99			70 (82)	130 (110)	
	o-Xylene	20	20.2	ug/L	101			70 (83)	130 (109)	
	Styrene	20	20.1	ug/L	101			70 (80)	130 (111)	
	Bromoform	20	21.0	ug/L	105			70 (79)	130 (109)	
	Isopropylbenzene	20	19.3	ug/L	97			70 (83)	130 (112)	
	1,1,2,2-Tetrachloroethane	20	21.0	ug/L	105			70 (76)	130 (118)	
	1,3-Dichlorobenzene	20	20.3	ug/L	102			70 (82)	130 (108)	
	1,4-Dichlorobenzene	20	20.4	ug/L	102			70 (82)	130 (107)	

( ) = LABORATORY INHOUSE LIMIT

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2210

Client: G Environmental

Analytical Method: SW8260-Low **Datafile :** VN086944.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VN0611WBS02	1,2-Dichlorobenzene	20	20.0	ug/L	100			70 (82)	130 (109)	
	1,2-Dibromo-3-Chloropropane	20	19.2	ug/L	96			40 (68)	160 (112)	
	1,2,4-Trichlorobenzene	20	18.4	ug/L	92			70 (75)	130 (113)	
	1,2,3-Trichlorobenzene	20	17.8	ug/L	89			70 (76)	130 (114)	

( ) = LABORATORY INHOUSE LIMIT

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2210

Client: G Environmental

Analytical Method: SW8260-Low **Datafile :** VN086945.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VN0611WBSD02	Dichlorodifluoromethane	20	19.1	ug/L	96	3		40 (69)	160 (116)	20 (19)
	Chloromethane	20	15.5	ug/L	78	4		40 (65)	160 (116)	20 (21)
	Vinyl chloride	20	18.7	ug/L	94	1		70 (65)	130 (117)	20 (19)
	Bromomethane	20	16.2	ug/L	81	2		40 (58)	160 (125)	20 (20)
	Chloroethane	20	18.9	ug/L	95	2		40 (56)	160 (128)	20 (20)
	Trichlorofluoromethane	20	19.0	ug/L	95	1		40 (73)	160 (115)	20 (16)
	1,1,2-Trichlorotrifluoroethane	20	18.7	ug/L	94	4		70 (80)	130 (112)	20 (15)
	Tert butyl alcohol	100	98.0	ug/L	98	5		70 (48)	130 (142)	20 (30)
	1,1-Dichloroethene	20	19.1	ug/L	96	0		70 (74)	130 (110)	20 (20)
	Acetone	100	92.4	ug/L	92	7		40 (60)	160 (125)	20 (20)
	Carbon disulfide	20	17.2	ug/L	86	3		40 (64)	160 (112)	20 (20)
	Methyl tert-butyl Ether	20	20.2	ug/L	101	3		70 (78)	130 (114)	20 (20)
	Methyl Acetate	20	20.1	ug/L	101	6		70 (67)	130 (125)	20 (20)
	Methylene Chloride	20	19.1	ug/L	96	1		70 (72)	130 (114)	20 (20)
	trans-1,2-Dichloroethene	20	18.6	ug/L	93	0		70 (75)	130 (108)	20 (16)
	1,1-Dichloroethane	20	19.3	ug/L	97	0		70 (78)	130 (112)	20 (20)
	Cyclohexane	20	17.2	ug/L	86	2		70 (75)	130 (110)	20 (20)
	2-Butanone	100	94.9	ug/L	95	5		40 (65)	160 (122)	20 (26)
	Carbon Tetrachloride	20	19.5	ug/L	98	2		70 (77)	130 (113)	20 (15)
	cis-1,2-Dichloroethene	20	19.6	ug/L	98	0		70 (77)	130 (110)	20 (20)
	Bromochloromethane	20	21.1	ug/L	106	6		70 (70)	130 (124)	20 (20)
	Chloroform	20	19.4	ug/L	97	1		70 (79)	130 (113)	20 (20)
	1,1,1-Trichloroethane	20	18.8	ug/L	94	1		70 (80)	130 (108)	20 (20)
	Methylcyclohexane	20	16.6	ug/L	83	2		70 (72)	130 (115)	20 (20)
	Benzene	20	19.7	ug/L	99	2		70 (82)	130 (109)	20 (15)
	1,2-Dichloroethane	20	20.3	ug/L	102	4		70 (80)	130 (115)	20 (20)
	Trichloroethene	20	20.1	ug/L	101	1		70 (77)	130 (113)	20 (15)
	1,2-Dichloropropane	20	20.0	ug/L	100	2		70 (83)	130 (111)	20 (16)
	Bromodichloromethane	20	20.7	ug/L	104	6		70 (83)	130 (110)	20 (16)
	4-Methyl-2-Pentanone	100	100	ug/L	100	2		40 (74)	160 (118)	20 (25)
	Toluene	20	19.9	ug/L	100	2		70 (82)	130 (110)	20 (16)
	t-1,3-Dichloropropene	20	20.7	ug/L	104	4		70 (79)	130 (110)	20 (20)
	cis-1,3-Dichloropropene	20	20.7	ug/L	104	3		70 (82)	130 (110)	20 (16)
	1,1,2-Trichloroethane	20	20.9	ug/L	104	2		70 (83)	130 (112)	20 (20)
	2-Hexanone	100	93.8	ug/L	94	5		40 (73)	160 (117)	20 (25)
	Dibromochloromethane	20	21.2	ug/L	106	3		70 (82)	130 (110)	20 (20)
	1,2-Dibromoethane	20	20.7	ug/L	104	5		70 (81)	130 (110)	20 (20)
	Tetrachloroethene	20	18.5	ug/L	93	3		70 (67)	130 (123)	20 (15)
	Chlorobenzene	20	20.2	ug/L	101	1		70 (82)	130 (109)	20 (15)
	Ethyl Benzene	20	19.3	ug/L	97	1		70 (83)	130 (109)	20 (16)
	m/p-Xylenes	40	39.5	ug/L	99	0		70 (82)	130 (110)	20 (15)
	o-Xylene	20	20.0	ug/L	100	1		70 (83)	130 (109)	20 (20)
	Styrene	20	20.6	ug/L	103	2		70 (80)	130 (111)	20 (17)
	Bromoform	20	22.4	ug/L	112	6		70 (79)	130 (109)	20 (20)
	Isopropylbenzene	20	19.3	ug/L	97	0		70 (83)	130 (112)	20 (29)
	1,1,2,2-Tetrachloroethane	20	21.7	ug/L	109	4		70 (76)	130 (118)	20 (20)
	1,3-Dichlorobenzene	20	20.5	ug/L	103	1		70 (82)	130 (108)	20 (20)
	1,4-Dichlorobenzene	20	20.4	ug/L	102	0		70 (82)	130 (107)	20 (15)

( ) = LABORATORY INHOUSE LIMIT

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2210

Client: G Environmental

Analytical Method: SW8260-Low **Datafile :** VN086945.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VN0611WBSD02	1,2-Dichlorobenzene	20	20.6	ug/L	103	3		70 (82)	130 (109)	20 (20)
	1,2-Dibromo-3-Chloropropane	20	20.8	ug/L	104	8		40 (68)	160 (112)	20 (20)
	1,2,4-Trichlorobenzene	20	18.7	ug/L	94	2		70 (75)	130 (113)	20 (29)
	1,2,3-Trichlorobenzene	20	18.1	ug/L	91	2		70 (76)	130 (114)	20 (29)

( ) = LABORATORY INHOUSE LIMIT

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VN0611WBL01

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2210 SAS No.: Q2210 SDG NO.: Q2210

Lab File ID: VN086942.D Lab Sample ID: VN0611WBL01

Date Analyzed: 06/11/2025 Time Analyzed: 12:28

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

Instrument ID: MSVOA_N

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VN0611WBS02	VN0611WBS02	VN086944.D	06/11/2025
VN0611WBSD02	VN0611WBSD02	VN086945.D	06/11/2025
TW1	Q2210-01	VN086959.D	06/11/2025

COMMENTS:

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2210 SAS No.: Q2210 SDG NO.: Q2210

Lab File ID: VN086861.D BFB Injection Date: 06/06/2025

Instrument ID: MSVOA_N BFB Injection Time: 07:59

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	17.3
75	30.0 - 60.0% of mass 95	48.1
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.4
173	Less than 2.0% of mass 174	0.7 (1) 1
174	50.0 - 100.0% of mass 95	66.6
175	5.0 - 9.0% of mass 174	4.7 (7.1) 1
176	95.0 - 101.0% of mass 174	65.3 (98.1) 1
177	5.0 - 9.0% of mass 176	4.4 (6.8) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC001	VSTDICC001	VN086862.D	06/06/2025	12:44
VSTDICC005	VSTDICC005	VN086863.D	06/06/2025	13:17
VSTDICC020	VSTDICC020	VN086864.D	06/06/2025	13:40
VSTDICCC050	VSTDICCC050	VN086865.D	06/06/2025	14:03
VSTDICC100	VSTDICC100	VN086866.D	06/06/2025	14:26
VSTDICC150	VSTDICC150	VN086867.D	06/06/2025	14:49

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2210 SAS No.: Q2210 SDG NO.: Q2210

Lab File ID: VN086939.D BFB Injection Date: 06/11/2025

Instrument ID: MSVOA_N BFB Injection Time: 10:22

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	15.7
75	30.0 - 60.0% of mass 95	46.5
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	7.1
173	Less than 2.0% of mass 174	0.7 (1) 1
174	50.0 - 100.0% of mass 95	71.1
175	5.0 - 9.0% of mass 174	5.4 (7.5) 1
176	95.0 - 101.0% of mass 174	68.8 (96.8) 1
177	5.0 - 9.0% of mass 176	4.8 (7) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VN086940.D	06/11/2025	11:32
VN0611WBL01	VN0611WBL01	VN086942.D	06/11/2025	12:28
VN0611WBS02	VN0611WBS02	VN086944.D	06/11/2025	13:27
VN0611WBSD02	VN0611WBSD02	VN086945.D	06/11/2025	14:01
TW1	Q2210-01	VN086959.D	06/11/2025	19:10

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2210 SAS No.: Q2210 SDG NO.: Q2210

Lab File ID: VN086940.D Date Analyzed: 06/11/2025

Instrument ID: MSVOA_N Time Analyzed: 11:32

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	205098	8.23	357643	9.11	312173	11.87
UPPER LIMIT	410196	8.73	715286	9.606	624346	12.365
LOWER LIMIT	102549	7.73	178822	8.606	156087	11.365
EPA SAMPLE NO.						
TW1	326987	8.24	623551	9.11	567024	11.87
VN0611WBL01	328120	8.23	618651	9.11	543433	11.87
VN0611WBS02	206799	8.24	370524	9.11	321188	11.87
VN0611WBSD02	199904	8.23	354069	9.11	310598	11.87

IS1 = Pentafluorobenzene
IS2 = 1,4-Difluorobenzene
IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2210 SAS No.: Q2210 SDG NO.: Q2210

Lab File ID: VN086940.D Date Analyzed: 06/11/2025

Instrument ID: MSVOA_N Time Analyzed: 11:32

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) N

	IS4 AREA #	RT #				
12 HOUR STD	152136	13.788				
UPPER LIMIT	304272	14.288				
LOWER LIMIT	76068	13.288				
EPA SAMPLE NO.						
TW1	271077	13.79				
VN0611WBL01	257257	13.79				
VN0611WBS02	157403	13.79				
VN0611WBSD02	151691	13.79				

IS4 = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

QC SAMPLE DATA

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Stockton	Date Received:	
Client Sample ID:	VN0611WBL01	SDG No.:	Q2210
Lab Sample ID:	VN0611WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086942.D	1		06/11/25 12:28	VN061125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	0.22	U	0.22	1.00	ug/L
74-87-3	Chloromethane	0.32	U	0.32	1.00	ug/L
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
74-83-9	Bromomethane	1.40	U	1.40	5.00	ug/L
75-00-3	Chloroethane	0.47	U	0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	0.33	U	0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	0.25	U	0.25	1.00	ug/L
75-65-0	Tert butyl alcohol	5.50	U	5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
67-64-1	Acetone	1.50	U	1.50	5.00	ug/L
75-15-0	Carbon Disulfide	0.21	U	0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	0.16	U	0.16	1.00	ug/L
79-20-9	Methyl Acetate	0.27	U	0.27	1.00	ug/L
75-09-2	Methylene Chloride	0.28	U	0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	0.23	U	0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.23	U	0.23	1.00	ug/L
110-82-7	Cyclohexane	1.50	U	1.50	5.00	ug/L
78-93-3	2-Butanone	0.98	U	0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	0.25	U	0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	1.00	ug/L
74-97-5	Bromochloromethane	0.22	U	0.22	1.00	ug/L
67-66-3	Chloroform	0.25	U	0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	1.00	ug/L
108-87-2	Methylcyclohexane	0.16	U	0.16	1.00	ug/L
71-43-2	Benzene	0.15	U	0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.22	U	0.22	1.00	ug/L
79-01-6	Trichloroethene	0.090	U	0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	0.20	U	0.20	1.00	ug/L
75-27-4	Bromodichloromethane	0.22	U	0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	0.68	U	0.68	5.00	ug/L

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Stockton	Date Received:	
Client Sample ID:	VN0611WBL01	SDG No.:	Q2210
Lab Sample ID:	VN0611WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086942.D	1		06/11/25 12:28	VN061125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-88-3	Toluene	0.14	U	0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	0.17	U	0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	0.16	U	0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
591-78-6	2-Hexanone	0.89	U	0.89	5.00	ug/L
124-48-1	Dibromochloromethane	0.18	U	0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	0.15	U	0.15	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L
108-90-7	Chlorobenzene	0.12	U	0.12	1.00	ug/L
100-41-4	Ethyl Benzene	0.13	U	0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	0.24	U	0.24	2.00	ug/L
95-47-6	o-Xylene	0.12	U	0.12	1.00	ug/L
100-42-5	Styrene	0.15	U	0.15	1.00	ug/L
75-25-2	Bromoform	0.19	U	0.19	1.00	ug/L
98-82-8	Isopropylbenzene	0.12	U	0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	0.26	U	0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	0.19	U	0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	0.16	U	0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	0.53	U	0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	0.20	U	0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	48.3		70 (74) - 130 (125)	97%	SPK: 50
1868-53-7	Dibromofluoromethane	49.3		70 (75) - 130 (124)	99%	SPK: 50
2037-26-5	Toluene-d8	51.7		70 (86) - 130 (113)	103%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.4		70 (77) - 130 (121)	99%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	328000	8.23			
540-36-3	1,4-Difluorobenzene	619000	9.106			
3114-55-4	Chlorobenzene-d5	543000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	257000	13.788			

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Stockton	Date Received:	
Client Sample ID:	VN0611WBL01	SDG No.:	Q2210
Lab Sample ID:	VN0611WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086942.D	1		06/11/25 12:28	VN061125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Stockton	Date Received:	
Client Sample ID:	VN0611WBS02	SDG No.:	Q2210
Lab Sample ID:	VN0611WBS02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086944.D	1		06/11/25 13:27	VN061125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	19.7		0.22	1.00	ug/L
74-87-3	Chloromethane	16.1		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	18.9		0.26	1.00	ug/L
74-83-9	Bromomethane	16.6		1.40	5.00	ug/L
75-00-3	Chloroethane	19.4		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	19.2		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	19.6		0.25	1.00	ug/L
75-65-0	Tert butyl alcohol	92.8		5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	19.2		0.23	1.00	ug/L
67-64-1	Acetone	99.0		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	17.8		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	19.6		0.16	1.00	ug/L
79-20-9	Methyl Acetate	19.0		0.27	1.00	ug/L
75-09-2	Methylene Chloride	19.0		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	18.5		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	19.4		0.23	1.00	ug/L
110-82-7	Cyclohexane	17.6		1.50	5.00	ug/L
78-93-3	2-Butanone	90.4		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	19.2		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	19.5		0.19	1.00	ug/L
74-97-5	Bromochloromethane	19.9		0.22	1.00	ug/L
67-66-3	Chloroform	19.5		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	19.0		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	16.9		0.16	1.00	ug/L
71-43-2	Benzene	19.3		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	19.5		0.22	1.00	ug/L
79-01-6	Trichloroethene	19.9		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	19.6		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	19.6		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	98.0		0.68	5.00	ug/L

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Stockton	Date Received:	
Client Sample ID:	VN0611WBS02	SDG No.:	Q2210
Lab Sample ID:	VN0611WBS02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086944.D	1		06/11/25 13:27	VN061125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-88-3	Toluene	19.5		0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	19.9		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	20.1		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	20.4		0.21	1.00	ug/L
591-78-6	2-Hexanone	89.2		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	20.5		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	19.7		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	19.2		0.23	1.00	ug/L
108-90-7	Chlorobenzene	20.0		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	19.6		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	39.6		0.24	2.00	ug/L
95-47-6	o-Xylene	20.2		0.12	1.00	ug/L
100-42-5	Styrene	20.1		0.15	1.00	ug/L
75-25-2	Bromoform	21.0		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	19.3		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	21.0		0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	20.3		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	20.4		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	20.0		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	19.2		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	18.4		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	17.8		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	47.1		70 (74) - 130 (125)	94%	SPK: 50
1868-53-7	Dibromofluoromethane	51.1		70 (75) - 130 (124)	102%	SPK: 50
2037-26-5	Toluene-d8	48.7		70 (86) - 130 (113)	97%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.0		70 (77) - 130 (121)	100%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	207000	8.235			
540-36-3	1,4-Difluorobenzene	371000	9.106			
3114-55-4	Chlorobenzene-d5	321000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	157000	13.788			

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Stockton	Date Received:	
Client Sample ID:	VN0611WBS02	SDG No.:	Q2210
Lab Sample ID:	VN0611WBS02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086944.D	1		06/11/25 13:27	VN061125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Stockton	Date Received:	
Client Sample ID:	VN0611WBSD02	SDG No.:	Q2210
Lab Sample ID:	VN0611WBSD02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086945.D	1		06/11/25 14:01	VN061125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	19.1		0.22	1.00	ug/L
74-87-3	Chloromethane	15.5		0.32	1.00	ug/L
75-01-4	Vinyl Chloride	18.7		0.26	1.00	ug/L
74-83-9	Bromomethane	16.2		1.40	5.00	ug/L
75-00-3	Chloroethane	18.9		0.47	1.00	ug/L
75-69-4	Trichlorofluoromethane	19.0		0.33	1.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	18.7		0.25	1.00	ug/L
75-65-0	Tert butyl alcohol	98.0		5.50	25.0	ug/L
75-35-4	1,1-Dichloroethene	19.1		0.23	1.00	ug/L
67-64-1	Acetone	92.4		1.50	5.00	ug/L
75-15-0	Carbon Disulfide	17.2		0.21	1.00	ug/L
1634-04-4	Methyl tert-butyl Ether	20.2		0.16	1.00	ug/L
79-20-9	Methyl Acetate	20.1		0.27	1.00	ug/L
75-09-2	Methylene Chloride	19.1		0.28	1.00	ug/L
156-60-5	trans-1,2-Dichloroethene	18.6		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	19.3		0.23	1.00	ug/L
110-82-7	Cyclohexane	17.2		1.50	5.00	ug/L
78-93-3	2-Butanone	94.9		0.98	5.00	ug/L
56-23-5	Carbon Tetrachloride	19.5		0.25	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	19.6		0.19	1.00	ug/L
74-97-5	Bromochloromethane	21.1		0.22	1.00	ug/L
67-66-3	Chloroform	19.4		0.25	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	18.8		0.20	1.00	ug/L
108-87-2	Methylcyclohexane	16.6		0.16	1.00	ug/L
71-43-2	Benzene	19.7		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	20.3		0.22	1.00	ug/L
79-01-6	Trichloroethene	20.1		0.090	1.00	ug/L
78-87-5	1,2-Dichloropropane	20.0		0.20	1.00	ug/L
75-27-4	Bromodichloromethane	20.7		0.22	1.00	ug/L
108-10-1	4-Methyl-2-Pentanone	100		0.68	5.00	ug/L

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Stockton	Date Received:	
Client Sample ID:	VN0611WBSD02	SDG No.:	Q2210
Lab Sample ID:	VN0611WBSD02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086945.D	1		06/11/25 14:01	VN061125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
108-88-3	Toluene	19.9		0.14	1.00	ug/L
10061-02-6	t-1,3-Dichloropropene	20.7		0.17	1.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	20.7		0.16	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	20.9		0.21	1.00	ug/L
591-78-6	2-Hexanone	93.8		0.89	5.00	ug/L
124-48-1	Dibromochloromethane	21.2		0.18	1.00	ug/L
106-93-4	1,2-Dibromoethane	20.7		0.15	1.00	ug/L
127-18-4	Tetrachloroethene	18.5		0.23	1.00	ug/L
108-90-7	Chlorobenzene	20.2		0.12	1.00	ug/L
100-41-4	Ethyl Benzene	19.3		0.13	1.00	ug/L
179601-23-1	m/p-Xylenes	39.5		0.24	2.00	ug/L
95-47-6	o-Xylene	20.0		0.12	1.00	ug/L
100-42-5	Styrene	20.6		0.15	1.00	ug/L
75-25-2	Bromoform	22.4		0.19	1.00	ug/L
98-82-8	Isopropylbenzene	19.3		0.12	1.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	21.7		0.26	1.00	ug/L
541-73-1	1,3-Dichlorobenzene	20.5		0.16	1.00	ug/L
106-46-7	1,4-Dichlorobenzene	20.4		0.19	1.00	ug/L
95-50-1	1,2-Dichlorobenzene	20.6		0.16	1.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	20.8		0.53	1.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	18.7		0.20	1.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	18.1		0.20	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	47.9		70 (74) - 130 (125)	96%	SPK: 50
1868-53-7	Dibromofluoromethane	52.3		70 (75) - 130 (124)	105%	SPK: 50
2037-26-5	Toluene-d8	49.5		70 (86) - 130 (113)	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.1		70 (77) - 130 (121)	100%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	200000	8.229			
540-36-3	1,4-Difluorobenzene	354000	9.106			
3114-55-4	Chlorobenzene-d5	311000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	152000	13.788			

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Stockton	Date Received:	
Client Sample ID:	VN0611WBSD02	SDG No.:	Q2210
Lab Sample ID:	VN0611WBSD02	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN086945.D	1		06/11/25 14:01	VN061125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

CALIBRATION SUMMARY

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2210 SAS No.: Q2210 SDG No.: Q2210

Instrument ID: MSVOA_N Calibration Date(s): 06/06/2025 06/06/2025

Heated Purge: (Y/N) N Calibration Time(s): 12:44 14:49

GC Column: RXI-624 ID: 0.25 (mm)

LAB FILE ID: RRF001 = VN086862.D RRF005 = VN086863.D RRF020 = VN086864.D
RRF050 = VN086865.D RRF100 = VN086866.D RRF150 = VN086867.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.467	0.444	0.539	0.501	0.535	0.506	0.499	7.5
Chloromethane	0.762	0.654	0.645	0.597	0.617	0.587	0.644	9.9
Vinyl Chloride	0.670	0.670	0.684	0.640	0.673	0.648	0.664	2.5
Bromomethane		0.375	0.380	0.357	0.379	0.368	0.372	2.6
Chloroethane	0.460	0.444	0.442	0.408	0.418	0.402	0.429	5.4
Trichlorofluoromethane	0.882	0.903	0.904	0.834	0.858	0.825	0.868	3.9
1,1,2-Trichlorotrifluoroethane	0.554	0.567	0.563	0.519	0.546	0.520	0.545	3.8
Tert butyl alcohol		0.192	0.194	0.176	0.180	0.166	0.182	6.4
1,1-Dichloroethene	0.573	0.593	0.563	0.533	0.550	0.527	0.557	4.4
Acetone	0.426	0.366	0.366	0.322	0.334	0.316	0.355	11.5
Carbon Disulfide	1.718	1.622	1.542	1.426	1.496	1.433	1.539	7.4
Methyl tert-butyl Ether	2.120	2.038	2.051	1.933	2.021	1.926	2.015	3.7
Methyl Acetate	1.035	1.049	1.078	0.986	1.049	1.011	1.035	3.1
Methylene Chloride	0.822	0.688	0.643	0.605	0.629	0.601	0.665	12.5
trans-1,2-Dichloroethene	0.700	0.674	0.621	0.567	0.591	0.561	0.619	9.3
1,1-Dichloroethane	1.192	1.153	1.156	1.063	1.110	1.043	1.120	5.2
Cyclohexane		1.303	1.116	1.004	1.030	0.976	1.086	12.2
2-Butanone	0.604	0.598	0.604	0.551	0.573	0.533	0.577	5.2
Carbon Tetrachloride	0.453	0.449	0.434	0.409	0.435	0.421	0.433	3.9
cis-1,2-Dichloroethene	0.786	0.766	0.762	0.699	0.729	0.701	0.740	4.9
Bromochloromethane	0.579	0.564	0.616	0.466	0.517	0.560	0.550	9.5
Chloroform	1.235	1.152	1.145	1.061	1.085	1.030	1.118	6.7
1,1,1-Trichloroethane	1.029	0.995	0.969	0.895	0.925	0.893	0.951	5.9
Methylcyclohexane	0.633	0.645	0.588	0.570	0.603	0.589	0.605	4.8
Benzene	1.588	1.501	1.444	1.345	1.414	1.371	1.444	6.2
1,2-Dichloroethane	0.473	0.456	0.444	0.411	0.430	0.413	0.438	5.6
Trichloroethene	0.359	0.360	0.341	0.327	0.340	0.328	0.342	4.2
1,2-Dichloropropane	0.366	0.369	0.354	0.332	0.352	0.335	0.351	4.4
Bromodichloromethane	0.510	0.484	0.480	0.457	0.483	0.465	0.480	3.8
4-Methyl-2-Pentanone	0.505	0.549	0.576	0.538	0.562	0.528	0.543	4.6

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2210 SAS No.: Q2210 SDG No.: Q2210

Instrument ID: MSVOA_N Calibration Date(s): 06/06/2025 06/06/2025

Heated Purge: (Y/N) N Calibration Time(s): 12:44 14:49

GC Column: RXI-624 ID: 0.25 (mm)

LAB FILE ID: RRF001 = VN086862.D RRF005 = VN086863.D RRF020 = VN086864.D
RRF050 = VN086865.D RRF100 = VN086866.D RRF150 = VN086867.D

COMPOUND	RRF001	RRF005	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Toluene	0.918	0.914	0.885	0.835	0.883	0.859	0.882	3.6
t-1,3-Dichloropropene	0.571	0.526	0.524	0.522	0.548	0.530	0.537	3.6
cis-1,3-Dichloropropene	0.609	0.577	0.564	0.551	0.584	0.561	0.574	3.6
1,1,2-Trichloroethane	0.359	0.355	0.342	0.322	0.335	0.323	0.340	4.7
2-Hexanone	0.312	0.282	0.363	0.368	0.397	0.376	0.350	12.4
Dibromochloromethane	0.361	0.351	0.358	0.340	0.363	0.349	0.354	2.5
1,2-Dibromoethane	0.353	0.358	0.354	0.329	0.354	0.341	0.348	3.2
Tetrachloroethene	0.355	0.331	0.312	0.294	0.313	0.293	0.316	7.5
Chlorobenzene	1.233	1.135	1.107	1.023	1.089	1.030	1.103	7
Ethyl Benzene	1.989	1.975	1.907	1.796	1.913	1.816	1.900	4.2
m/p-Xylenes	0.730	0.751	0.741	0.701	0.736	0.703	0.727	2.8
o-Xylene	0.714	0.699	0.702	0.674	0.711	0.678	0.696	2.4
Styrene	1.177	1.193	1.226	1.162	1.229	1.164	1.192	2.5
Bromoform	0.217	0.266	0.276	0.265	0.286	0.267	0.263	9.1
Isopropylbenzene	3.864	3.749	3.649	3.426	3.621	3.546	3.643	4.2
1,1,2,2-Tetrachloroethane	1.292	1.299	1.273	1.178	1.205	1.157	1.234	5
1,3-Dichlorobenzene	1.763	1.709	1.657	1.554	1.612	1.566	1.644	5
1,4-Dichlorobenzene	1.820	1.786	1.657	1.572	1.642	1.576	1.676	6.3
1,2-Dichlorobenzene	1.675	1.651	1.596	1.500	1.557	1.496	1.579	4.8
1,2-Dibromo-3-Chloropropane	0.339	0.317	0.290	0.272	0.283	0.270	0.295	9.3
1,2,4-Trichlorobenzene	1.042	1.037	0.991	0.969	1.016	0.994	1.008	2.8
1,2,3-Trichlorobenzene	1.073	1.009	0.993	0.950	1.000	0.987	1.002	4
1,2-Dichloroethane-d4		0.732	0.707	0.500	0.656	0.751	0.669	15.1
Dibromofluoromethane		0.303	0.310	0.219	0.298	0.351	0.296	16.2
Toluene-d8		1.245	1.203	0.861	1.178	1.377	1.173	16.2
4-Bromofluorobenzene		0.441	0.446	0.325	0.446	0.521	0.436	16.2

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2210 SAS No.: Q2210 SDG No.: Q2210

Instrument ID: MSVOA_N Calibration Date/Time: 06/11/2025 11:32

Lab File ID: VN086940.D Init. Calib. Date(s): 06/06/2025 06/06/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 12:44 14:49

GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.499	0.538		7.82	20
Chloromethane	0.644	0.555	0.1	-13.82	20
Vinyl Chloride	0.664	0.701		5.57	20
Bromomethane	0.372	0.312		-16.13	20
Chloroethane	0.429	0.457		6.53	20
Trichlorofluoromethane	0.868	0.930		7.14	20
1,1,2-Trichlorotrifluoroethane	0.545	0.582		6.79	20
Tert butyl alcohol	0.182	0.178		-2.2	20
1,1-Dichloroethene	0.557	0.593		6.46	20
Acetone	0.355	0.384		8.17	20
Carbon Disulfide	1.539	1.505		-2.21	20
Methyl tert-butyl Ether	2.015	2.172		7.79	20
Methyl Acetate	1.035	1.085		4.83	20
Methylene Chloride	0.665	0.673		1.2	20
trans-1,2-Dichloroethene	0.619	0.633		2.26	20
1,1-Dichloroethane	1.120	1.178	0.1	5.18	20
Cyclohexane	1.086	1.017		-6.35	20
2-Butanone	0.577	0.568		-1.56	20
Carbon Tetrachloride	0.433	0.472		9.01	20
cis-1,2-Dichloroethene	0.740	0.793		7.16	20
Bromochloromethane	0.550	0.578		5.09	20
Chloroform	1.118	1.176		5.19	20
1,1,1-Trichloroethane	0.951	0.976		2.63	20
Methylcyclohexane	0.605	0.576		-4.79	20
Benzene	1.444	1.554		7.55	20
1,2-Dichloroethane	0.438	0.472		7.76	20
Trichloroethene	0.342	0.382		11.7	20
1,2-Dichloropropane	0.351	0.384		9.4	20
Bromodichloromethane	0.480	0.532		10.83	20
4-Methyl-2-Pentanone	0.543	0.590		8.66	20
Toluene	0.882	0.978		10.88	20
t-1,3-Dichloropropene	0.537	0.609		13.41	20
cis-1,3-Dichloropropene	0.574	0.661		15.16	20
1,1,2-Trichloroethane	0.340	0.383		12.65	20
2-Hexanone	0.350	0.395		12.86	20
Dibromochloromethane	0.354	0.414		16.95	20
1,2-Dibromoethane	0.348	0.385		10.63	20
Tetrachloroethene	0.316	0.337		6.65	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2210 SAS No.: Q2210 SDG No.: Q2210

Instrument ID: MSVOA_N Calibration Date/Time: 06/11/2025 11:32

Lab File ID: VN086940.D Init. Calib. Date(s): 06/06/2025 06/06/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 12:44 14:49

GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Chlorobenzene	1.103	1.222	0.3	10.79	20
Ethyl Benzene	1.900	2.059		8.37	20
m/p-Xylenes	0.727	0.802		10.32	20
o-Xylene	0.696	0.782		12.36	20
Styrene	1.192	1.358		13.93	20
Bromoform	0.263	0.319	0.1	21.29	20
Isopropylbenzene	3.643	3.898		7	20
1,1,2,2-Tetrachloroethane	1.234	1.402	0.3	13.61	20
1,3-Dichlorobenzene	1.644	1.843		12.1	20
1,4-Dichlorobenzene	1.676	1.887		12.59	20
1,2-Dichlorobenzene	1.579	1.761		11.53	20
1,2-Dibromo-3-Chloropropane	0.295	0.311		5.42	20
1,2,4-Trichlorobenzene	1.008	1.052		4.36	20
1,2,3-Trichlorobenzene	1.002	0.995		-0.7	20
1,2-Dichloroethane-d4	0.669	0.622		-7.03	20
Dibromofluoromethane	0.296	0.309		4.39	20
Toluene-d8	1.173	1.181		0.68	20
4-Bromofluorobenzene	0.436	0.440		0.92	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

SAMPLE RAW DATA

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
Data File : VN086959.D
Acq On : 11 Jun 2025 19:10
Operator : JC\MD
Sample : Q2210-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TW1

Quant Time: Jun 12 01:38:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

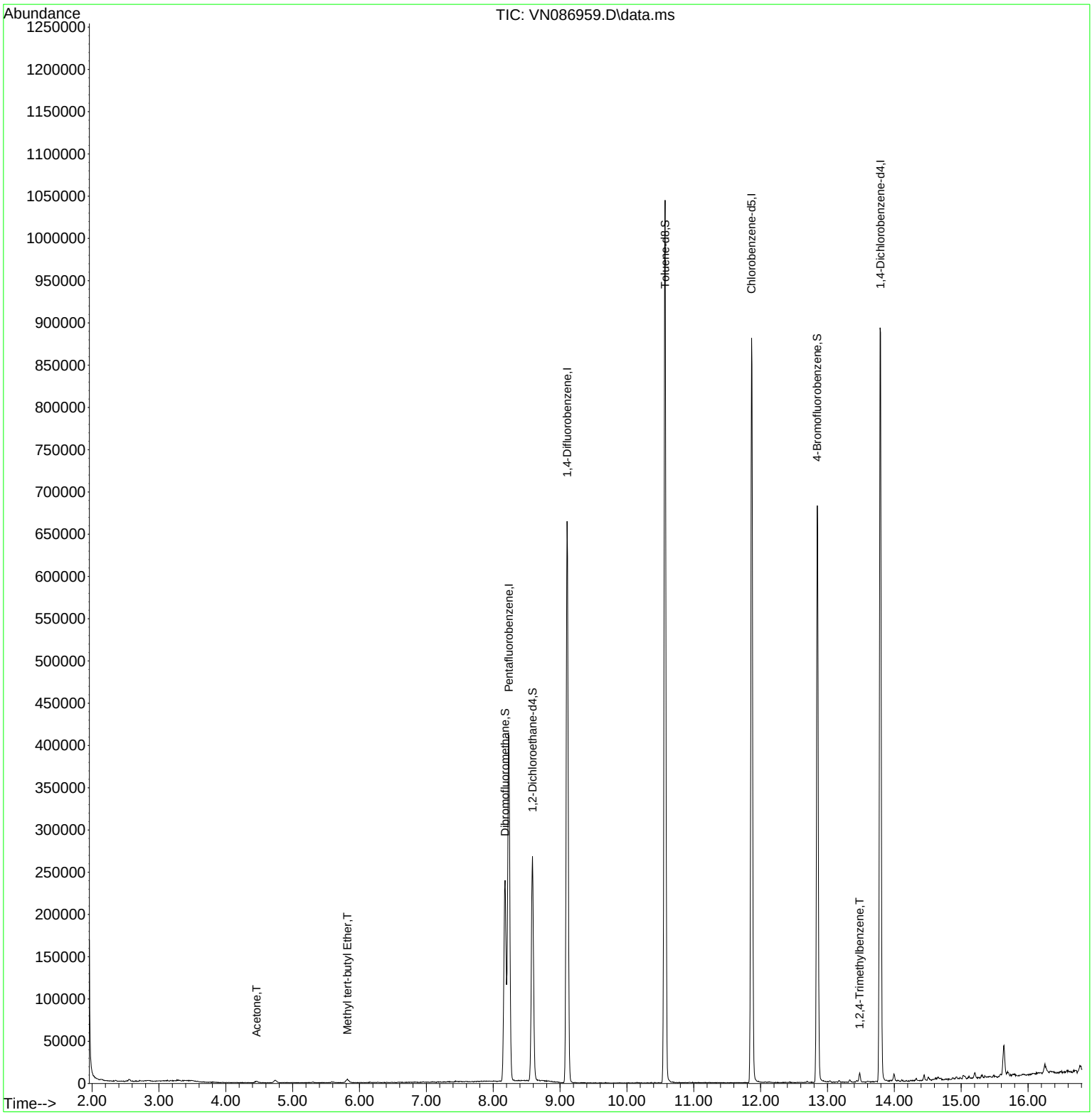
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.235	168	326987	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	623551	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	567024	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	271077	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	214849	49.075	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 98.140%			
35) Dibromofluoromethane	8.177	113	183940	49.777	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.560%			
50) Toluene-d8	10.571	98	765575	52.334	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.660%			
62) 4-Bromofluorobenzene	12.847	95	272770	50.188	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 100.380%			
Target Compounds						Qvalue
16) Acetone	4.459	43	3791	1.633	ug/l	93
19) Methyl tert-butyl Ether	5.818	73	6640	0.504	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	6797	0.416	ug/l	98

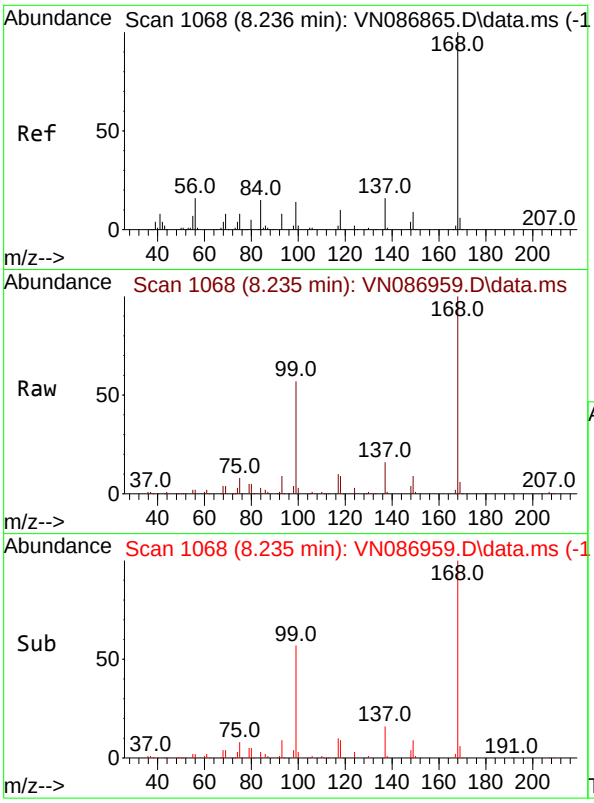
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
Data File : VN086959.D
Acq On : 11 Jun 2025 19:10
Operator : JC\MD
Sample : Q2210-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TW1

Quant Time: Jun 12 01:38:39 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration



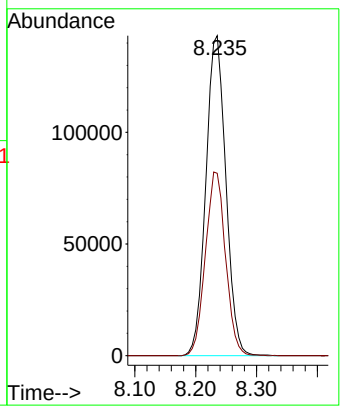


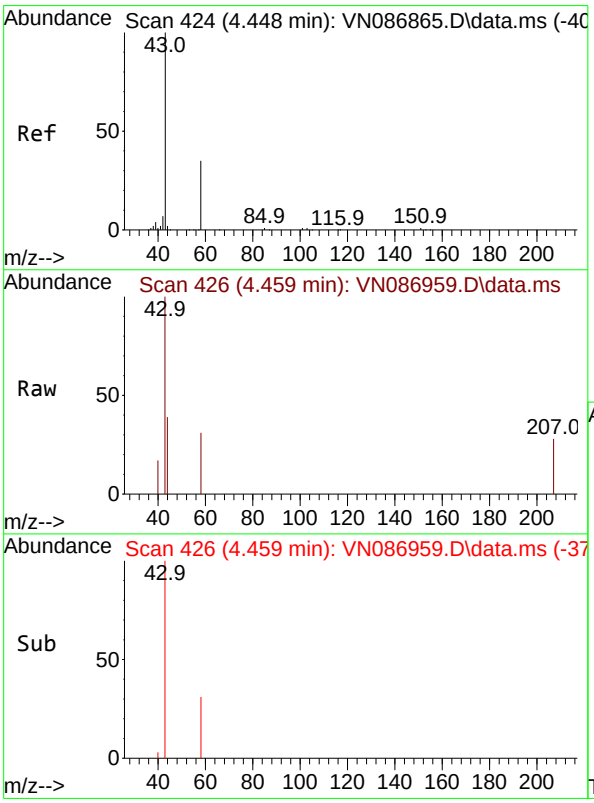
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1
Delta R.T. -0.001 min
Lab File: VN086959.D
Acq: 11 Jun 2025 19:10

Instrument :
MSVOA_N
ClientSampleId :
TW1

Tgt Ion:168 Resp: 326987

Ion	Ratio	Lower	Upper
168	100		
99	57.0	49.1	73.7

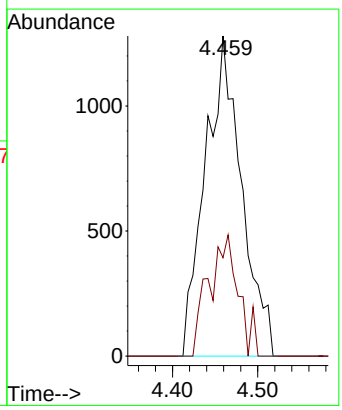


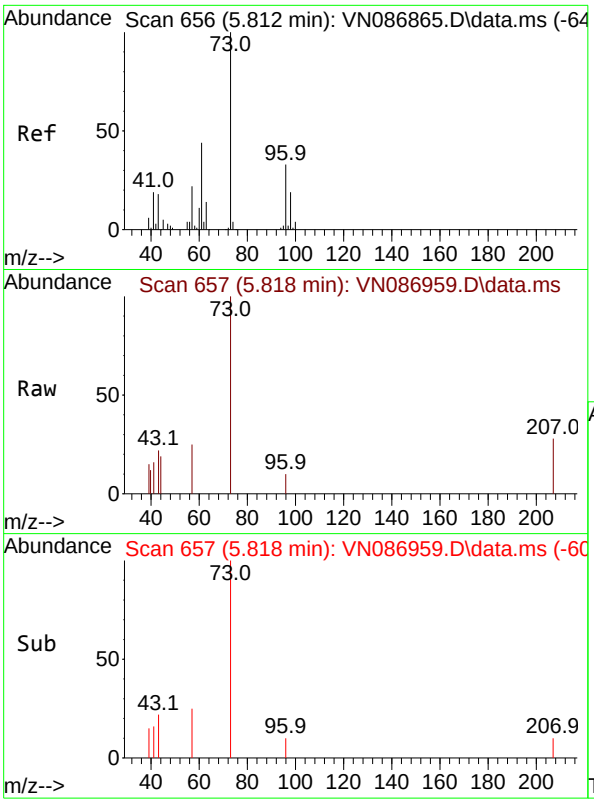


#16
Acetone
Concen: 1.633 ug/l
RT: 4.459 min Scan# 426
Delta R.T. 0.012 min
Lab File: VN086959.D
Acq: 11 Jun 2025 19:10

Tgt Ion: 43 Resp: 3791

Ion	Ratio	Lower	Upper
43	100		
58	30.7	28.0	42.0



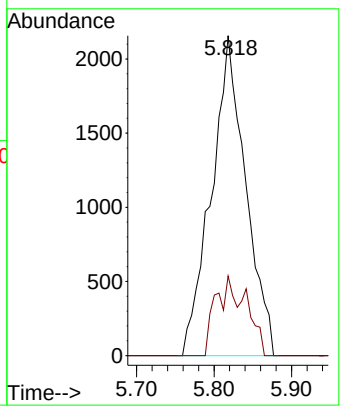


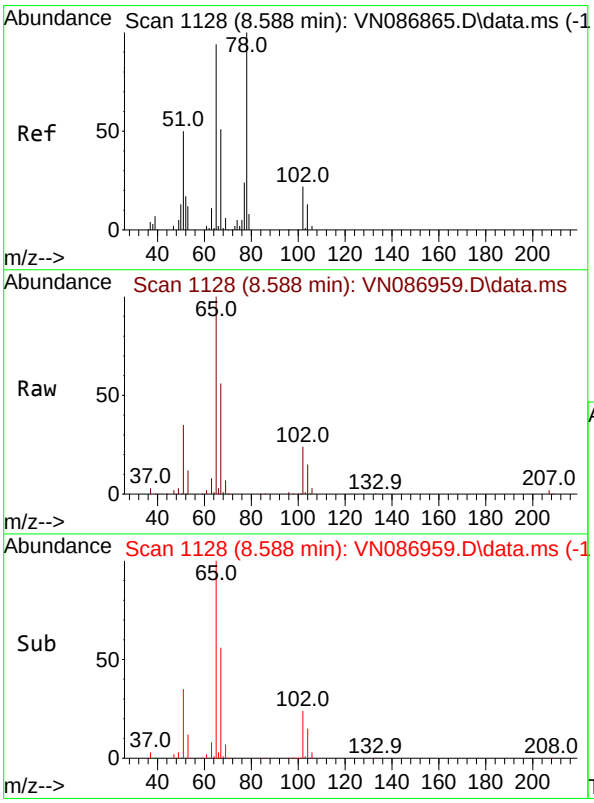
#19
Methyl tert-butyl Ether
Concen: 0.504 ug/l
RT: 5.818 min Scan# 6
Delta R.T. 0.006 min
Lab File: VN086959.D
Acq: 11 Jun 2025 19:10

Instrument :
MSVOA_N
ClientSampleId :
TW1

Tgt Ion: 73 Resp: 6640

Ion	Ratio	Lower	Upper
73	100		
57	24.9	17.4	26.2

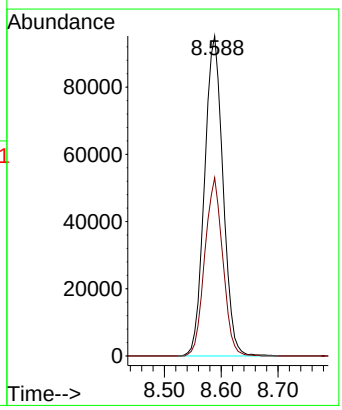


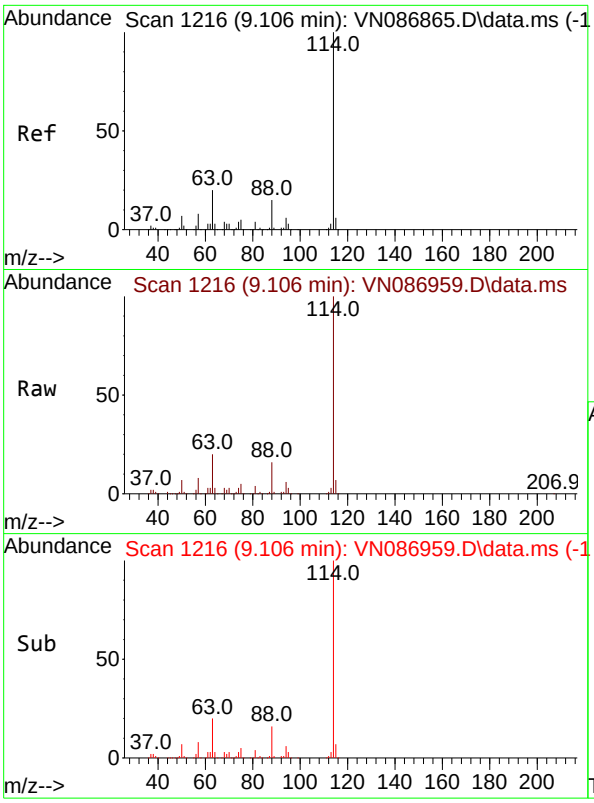


#33
1,2-Dichloroethane-d4
Concen: 49.075 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN086959.D
Acq: 11 Jun 2025 19:10

Tgt Ion: 65 Resp: 214849

Ion	Ratio	Lower	Upper
65	100		
67	54.3	0.0	105.6



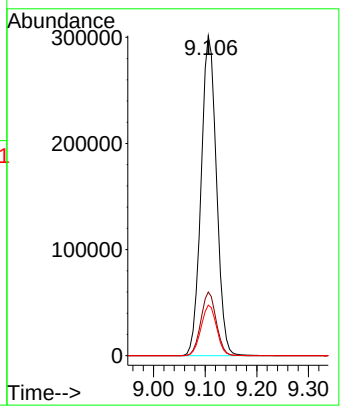


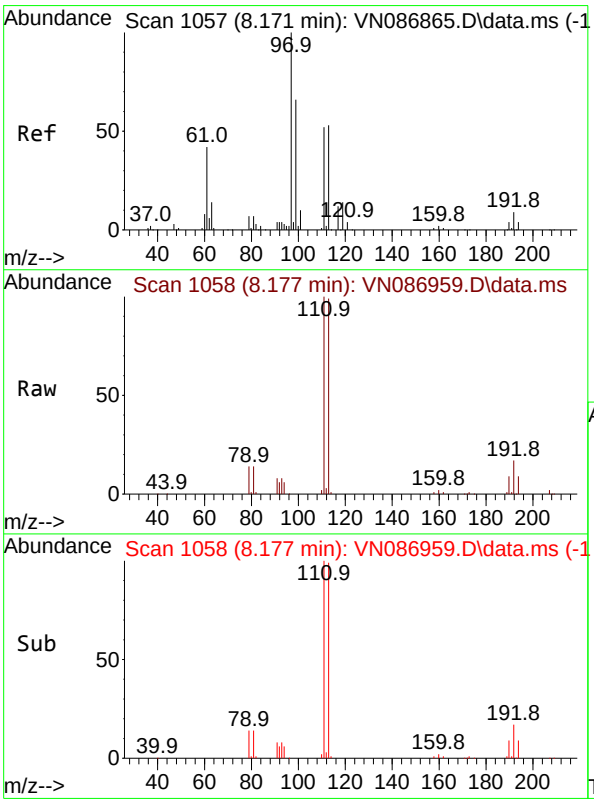
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086959.D
Acq: 11 Jun 2025 19:10

Instrument :
MSVOA_N
ClientSampleId :
TW1

Tgt Ion:114 Resp: 623551

Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	39.6
88	15.8	0.0	30.2

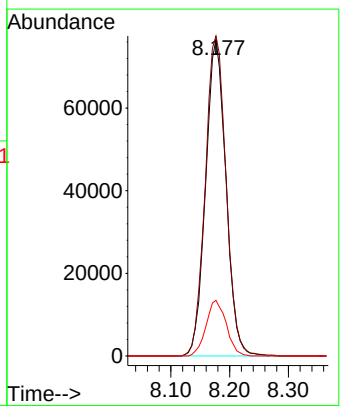


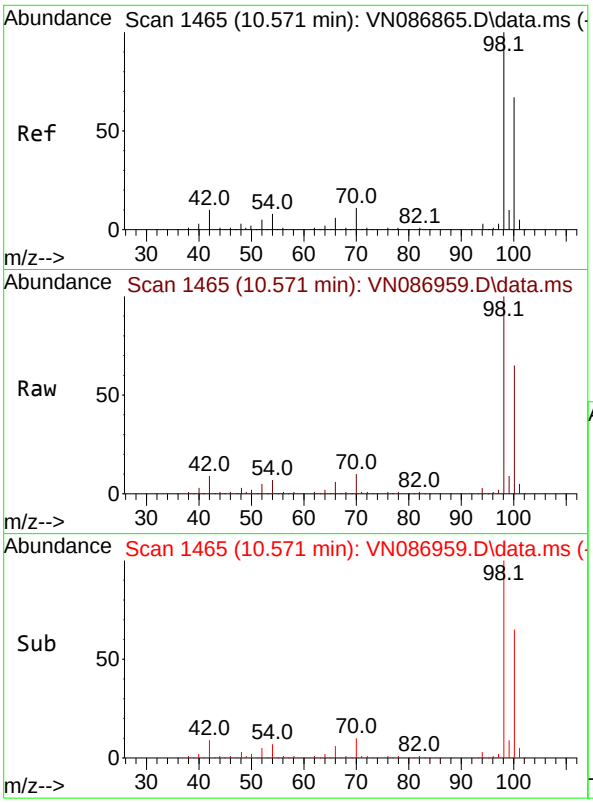


#35
Dibromofluoromethane
Concen: 49.777 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN086959.D
Acq: 11 Jun 2025 19:10

Tgt Ion:113 Resp: 183940

Ion	Ratio	Lower	Upper
113	100		
111	103.8	84.2	126.2
192	17.5	14.2	21.4



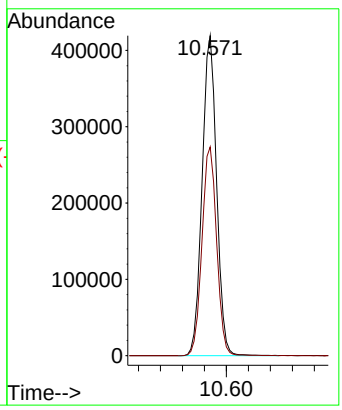


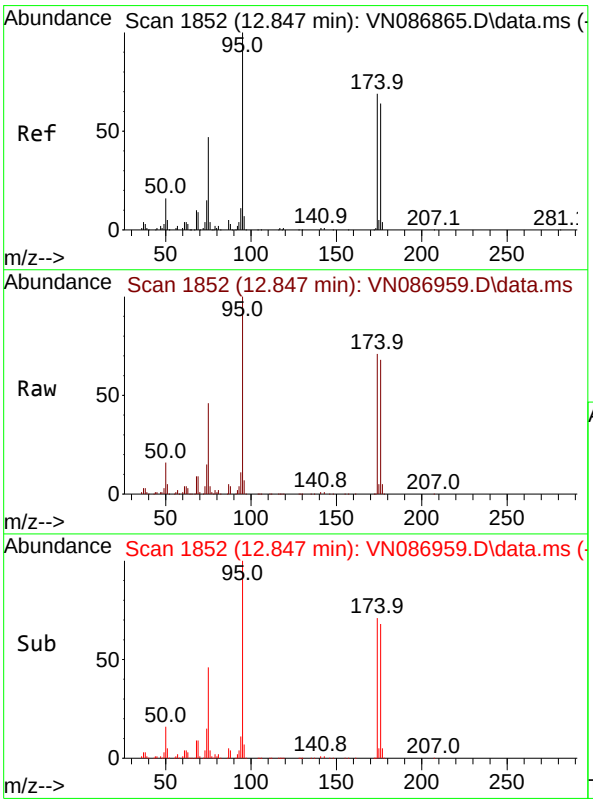
#50
Toluene-d8
Concen: 52.334 ug/l
RT: 10.571 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN086959.D
Acq: 11 Jun 2025 19:10

Instrument :
MSVOA_N
ClientSampleId :
TW1

Tgt Ion: 98 Resp: 765575

Ion	Ratio	Lower	Upper
98	100		
100	66.0	53.4	80.0

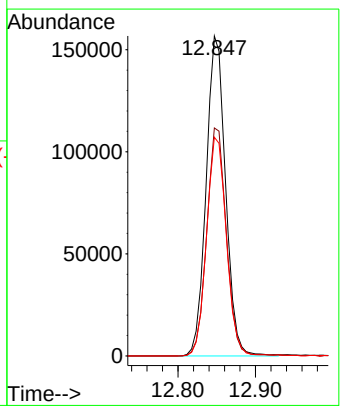




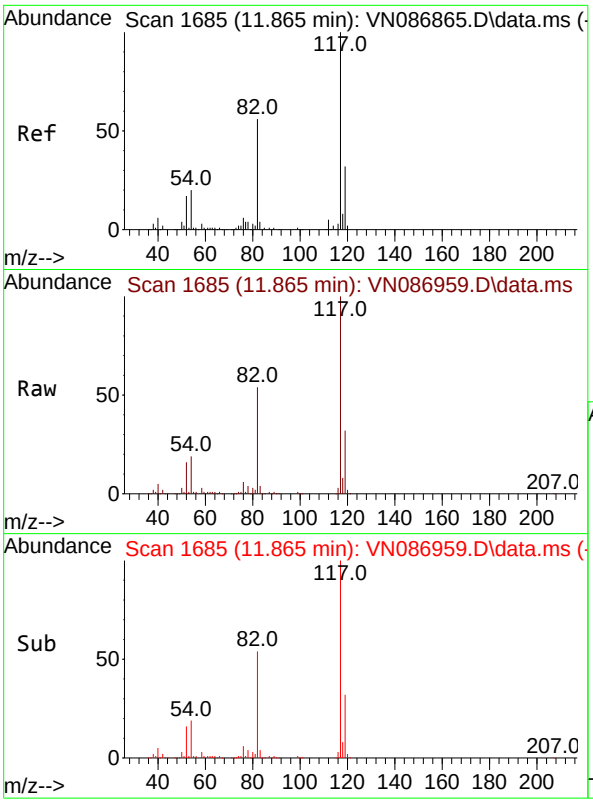
#62
4-Bromofluorobenzene
Concen: 50.188 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086959.D
Acq: 11 Jun 2025 19:10

Tgt Ion: 95 Resp: 272770

Ion	Ratio	Lower	Upper
95	100		
174	72.4	0.0	141.8
176	70.0	0.0	132.6



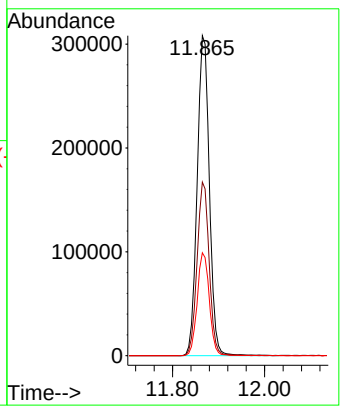
Instrument :
MSVOA_N
ClientSampleId :
TW1

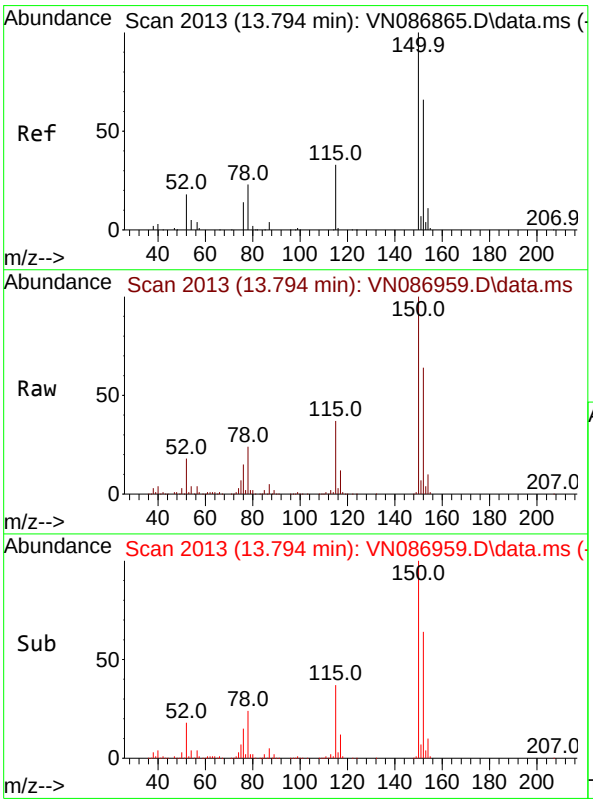


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086959.D
Acq: 11 Jun 2025 19:10

Tgt Ion:117 Resp: 567024

Ion	Ratio	Lower	Upper
117	100		
82	54.2	44.6	67.0
119	32.1	25.5	38.3

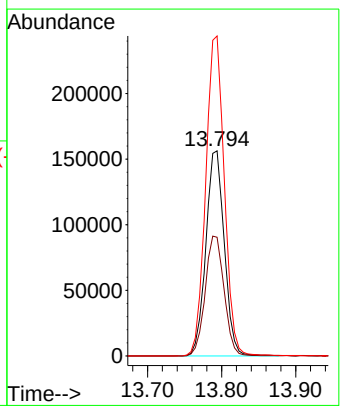


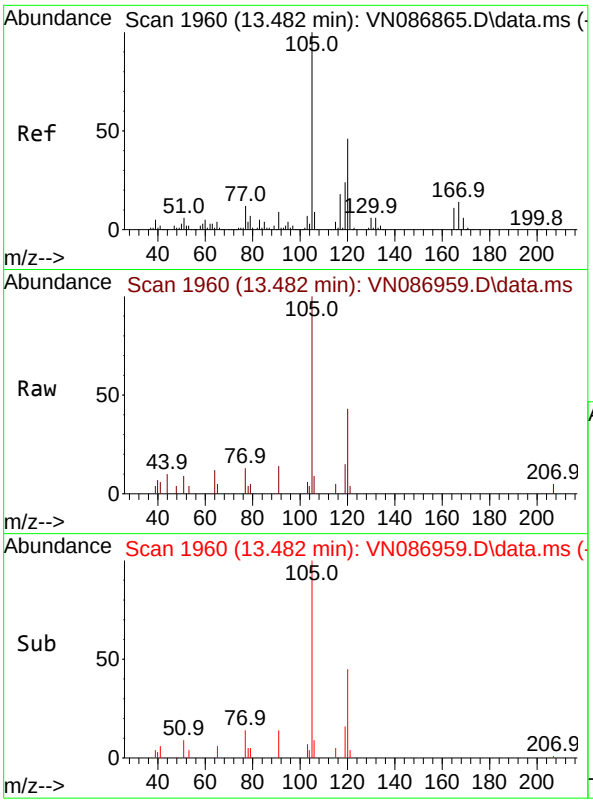


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN086959.D
Acq: 11 Jun 2025 19:10

Tgt Ion:152 Resp: 271077

Ion	Ratio	Lower	Upper
152	100		
115	59.6	30.1	90.5
150	157.1	0.0	345.0



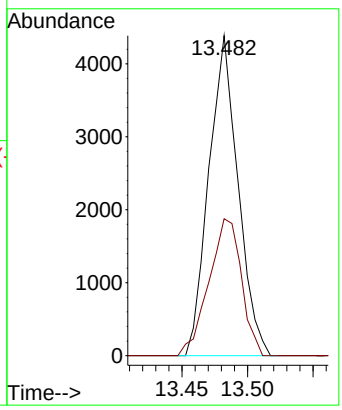


#84
1,2,4-Trimethylbenzene
Concen: 0.416 ug/l
RT: 13.482 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086959.D
Acq: 11 Jun 2025 19:10

Instrument :
MSVOA_N
ClientSampleId :
TW1

Tgt Ion:105 Resp: 6797

Ion	Ratio	Lower	Upper
105	100		
120	47.6	23.2	69.6



Sample Results: **VN086959.D**

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
Data File : VN086959.D
Acq On : 11 Jun 2025 19:10
Operator : JC\MD
Sample : Q2210-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TW1

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Title : SW846 8260

Signal : TIC: VN086959.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	8.177	1048	1058	1062	rBV	238015	564722	29.27%	5.715%
2	8.230	1062	1067	1080	rVB	409127	945234	48.99%	9.566%
3	8.588	1117	1128	1140	rBV	266021	600931	31.14%	6.082%
4	9.106	1207	1216	1232	rBV	664399	1374432	71.23%	13.910%
5	10.571	1455	1465	1481	rBV	1044732	1929503	100.00%	19.527%
6	11.865	1677	1685	1701	rBV	881011	1614821	83.69%	16.342%
7	12.847	1844	1852	1867	rBV	682476	1189557	61.65%	12.039%
8	13.788	2005	2012	2026	rBV	892512	1571661	81.45%	15.906%
9	15.641	2321	2327	2333	rBV	34888	67289	3.49%	0.681%
10	16.253	2426	2431	2442	rVB6	10561	23060	1.20%	0.233%

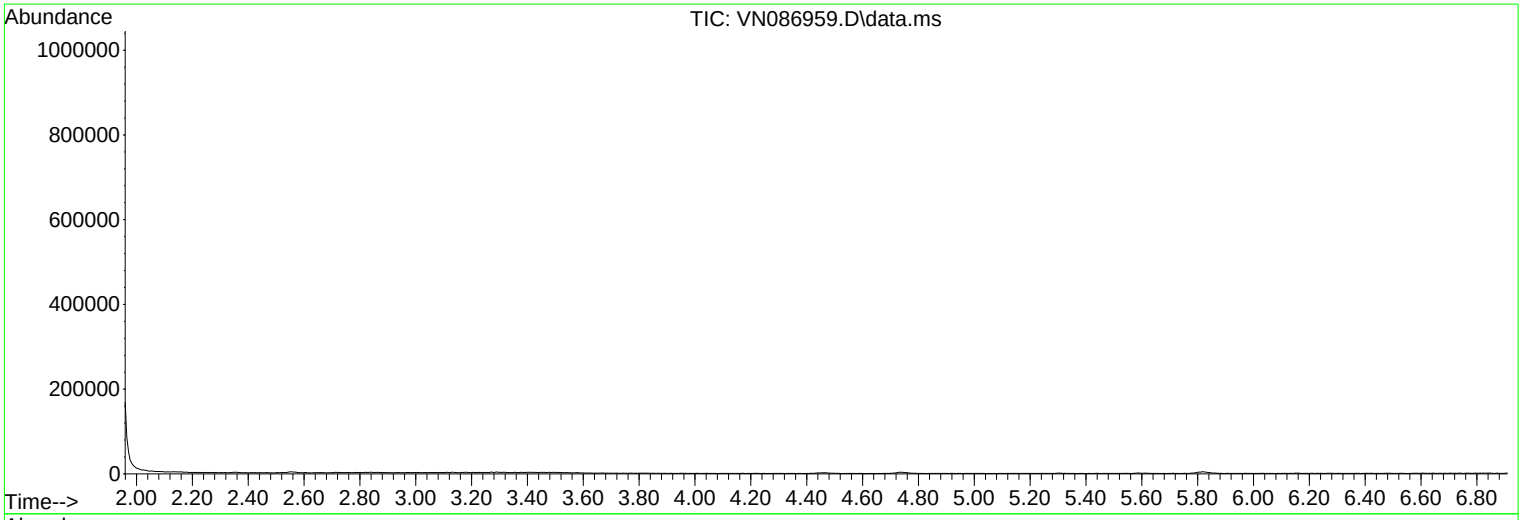
Sum of corrected areas: 9881210

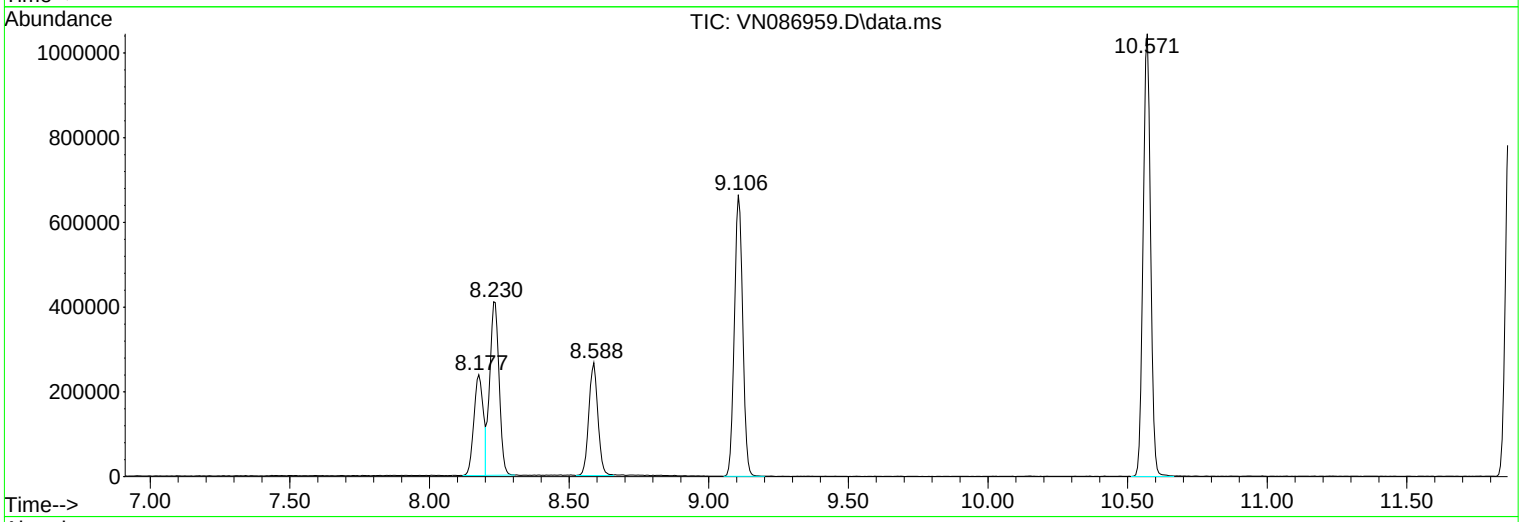
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
Data File : VN086959.D
Acq On : 11 Jun 2025 19:10
Operator : JC\MD
Sample : Q2210-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

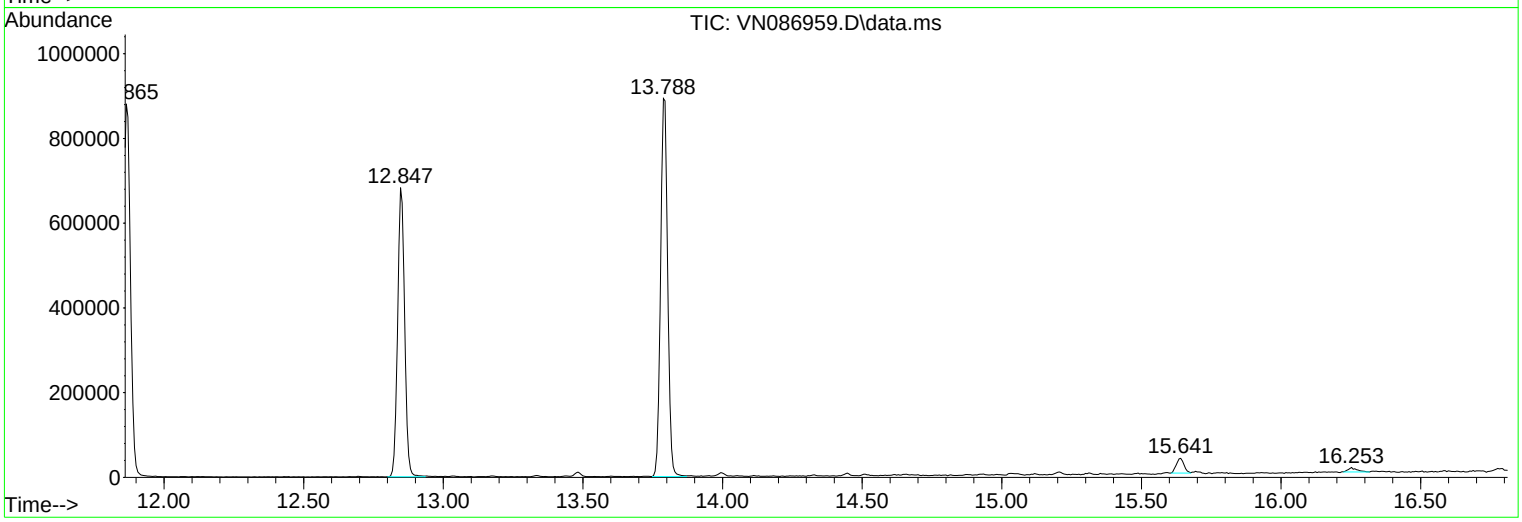
Instrument :
MSVOA_N
ClientSampleId :
TW1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
Data File : VN086959.D
Acq On : 11 Jun 2025 19:10
Operator : JC\MD
Sample : Q2210-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TW1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
Data File : VN086959.D
Acq On : 11 Jun 2025 19:10
Operator : JC\MD
Sample : Q2210-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TW1

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
Data File : VN086942.D
Acq On : 11 Jun 2025 12:28
Operator : JC\MD
Sample : VN0611WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBL01

Quant Time: Jun 12 01:30:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.230	168	328120	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	618651	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	543433	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	257257	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	212062	48.271	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 96.540%			
35) Dibromofluoromethane	8.177	113	180701	49.287	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.580%			
50) Toluene-d8	10.565	98	749967	51.673	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.340%			
62) 4-Bromofluorobenzene	12.847	95	266545	49.431	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 98.860%			

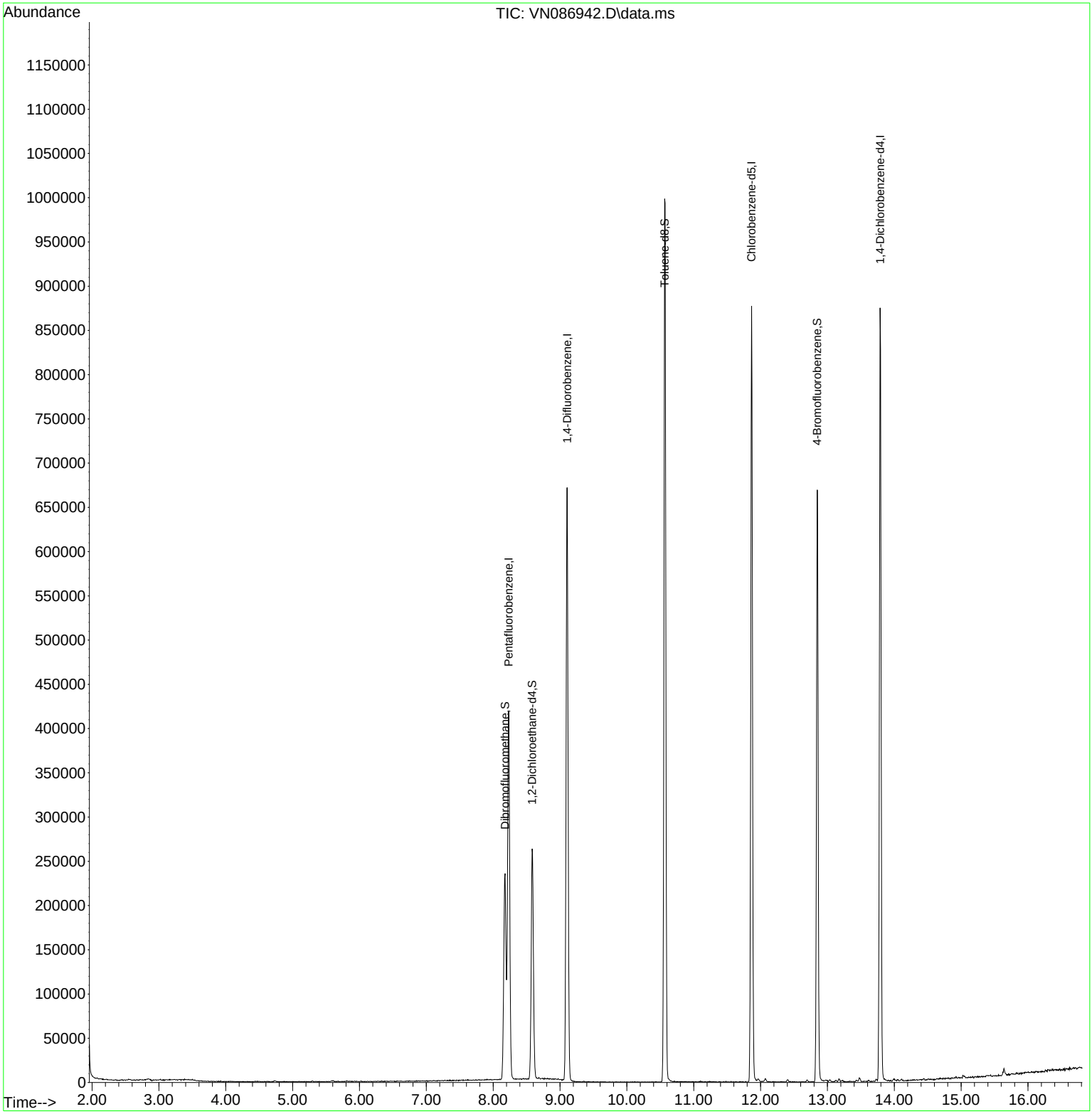
Target Compounds Qvalue

(#) = qualifier out of range (m) = manual integration (+) = signals summed

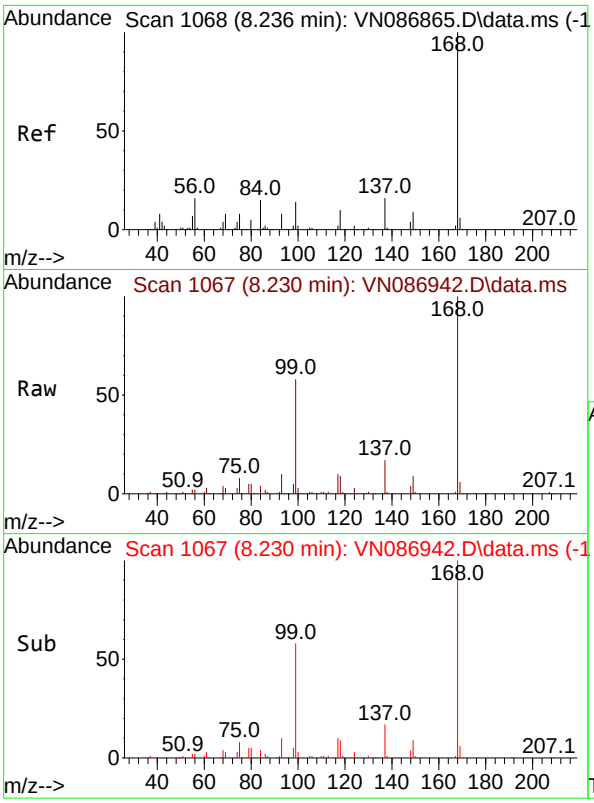
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
Data File : VN086942.D
Acq On : 11 Jun 2025 12:28
Operator : JC\MD
Sample : VN0611WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBL01

Quant Time: Jun 12 01:30:13 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration



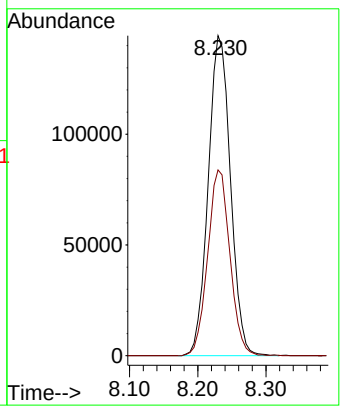
Instrument :
MSVOA_N
ClientSampleId :
VN0611WBL01

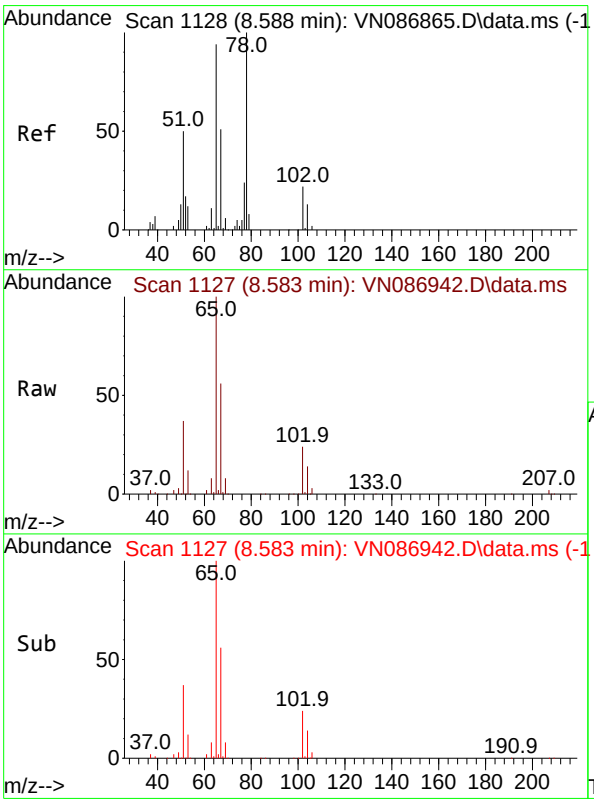


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086942.D
Acq: 11 Jun 2025 12:28

Tgt Ion:168 Resp: 328120

Ion	Ratio	Lower	Upper
168	100		
99	58.0	49.1	73.7

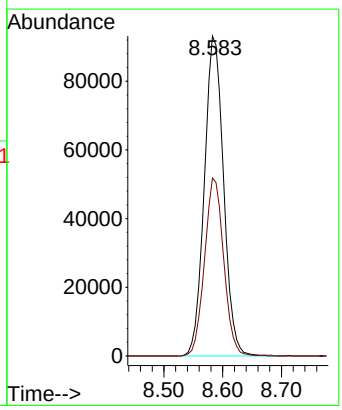


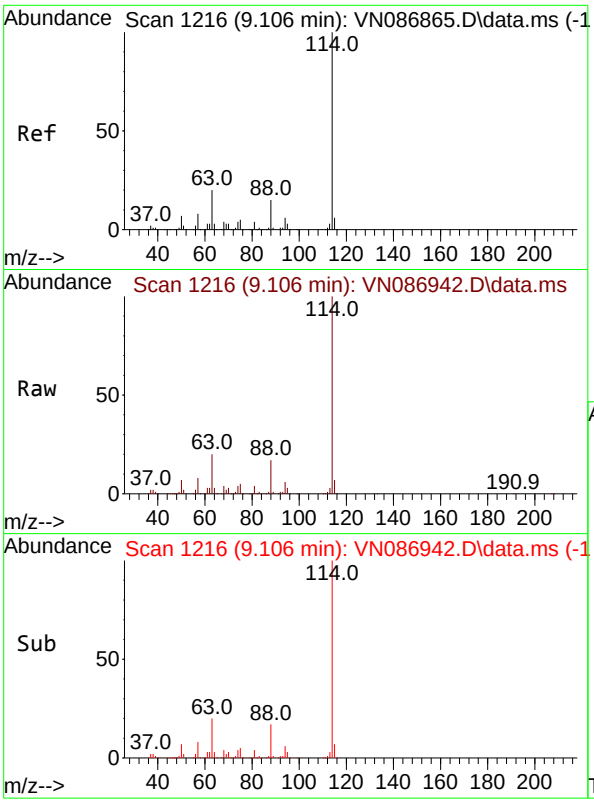


#33
1,2-Dichloroethane-d4
Concen: 48.271 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VN086942.D
Acq: 11 Jun 2025 12:28

Tgt Ion: 65 Resp: 212062

Ion	Ratio	Lower	Upper
65	100		
67	55.4	0.0	105.6



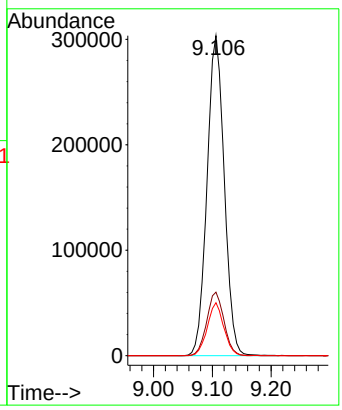


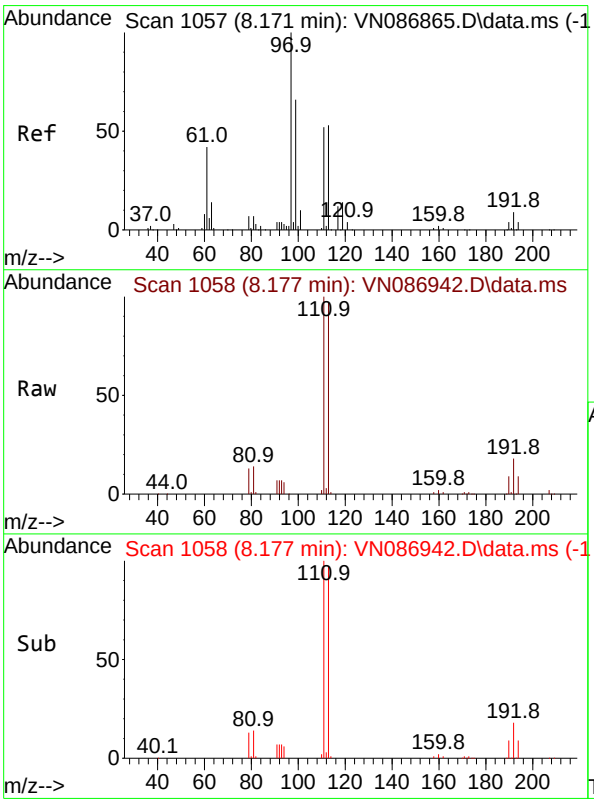
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086942.D
Acq: 11 Jun 2025 12:28

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBL01

Tgt Ion:114 Resp: 618651

Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	39.6
88	16.5	0.0	30.2

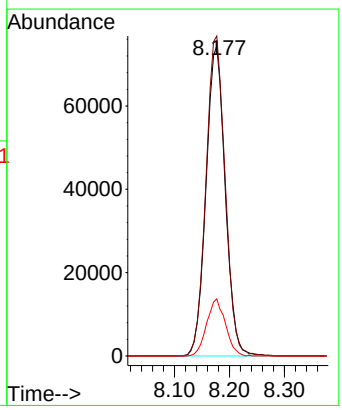


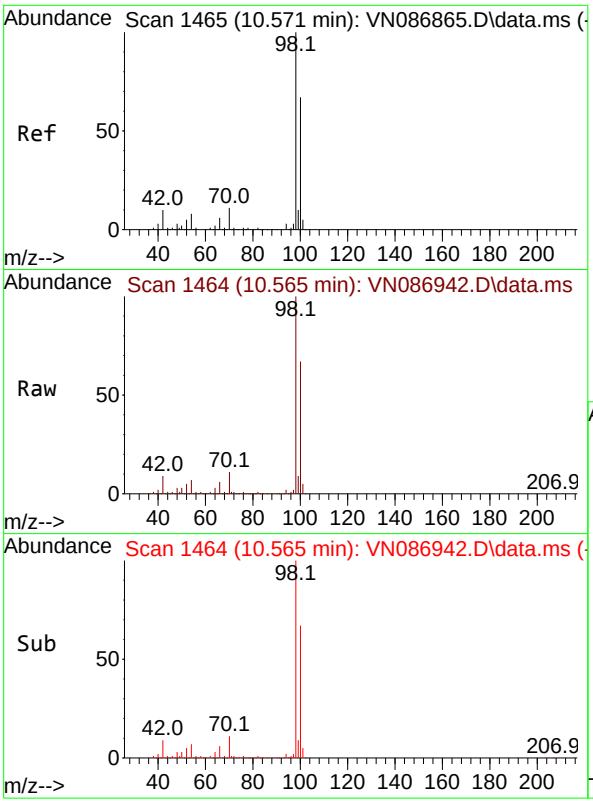


#35
Dibromofluoromethane
Concen: 49.287 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN086942.D
Acq: 11 Jun 2025 12:28

Tgt Ion:113 Resp: 180701

Ion	Ratio	Lower	Upper
113	100		
111	103.1	84.2	126.2
192	18.0	14.2	21.4



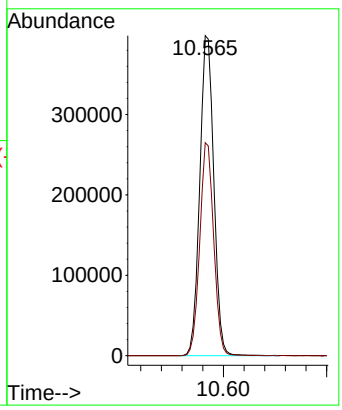


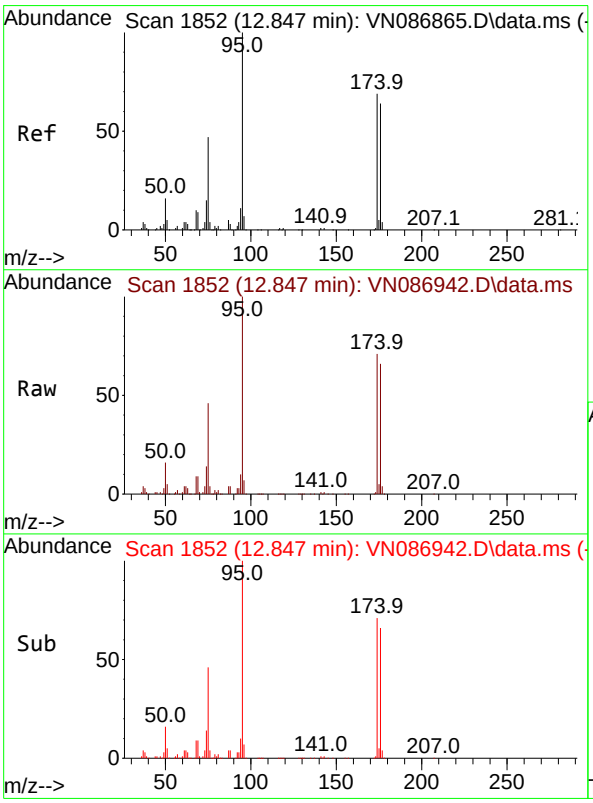
#50
Toluene-d8
Concen: 51.673 ug/l
RT: 10.565 min Scan# 14
Delta R.T. -0.006 min
Lab File: VN086942.D
Acq: 11 Jun 2025 12:28

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBL01

Tgt Ion: 98 Resp: 749967

Ion	Ratio	Lower	Upper
98	100		
100	66.0	53.4	80.0

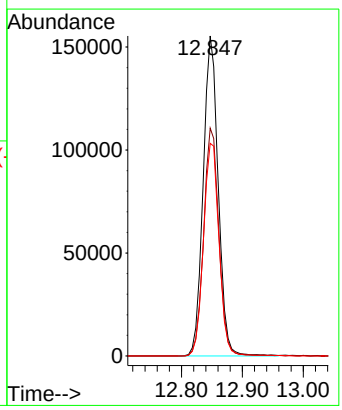


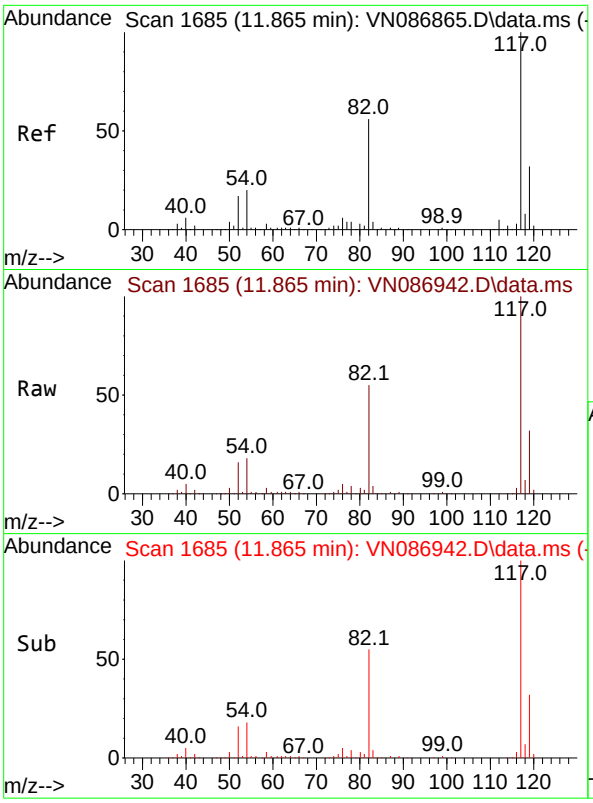


#62
4-Bromofluorobenzene
Concen: 49.431 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086942.D
Acq: 11 Jun 2025 12:28

Tgt Ion: 95 Resp: 266545

Ion	Ratio	Lower	Upper
95	100		
174	72.3	0.0	141.8
176	68.8	0.0	132.6



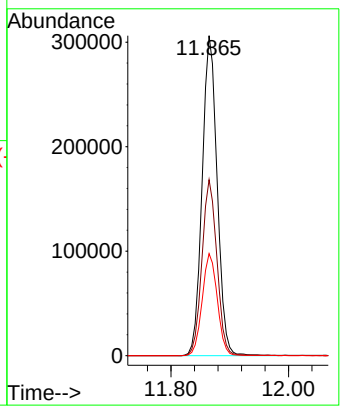


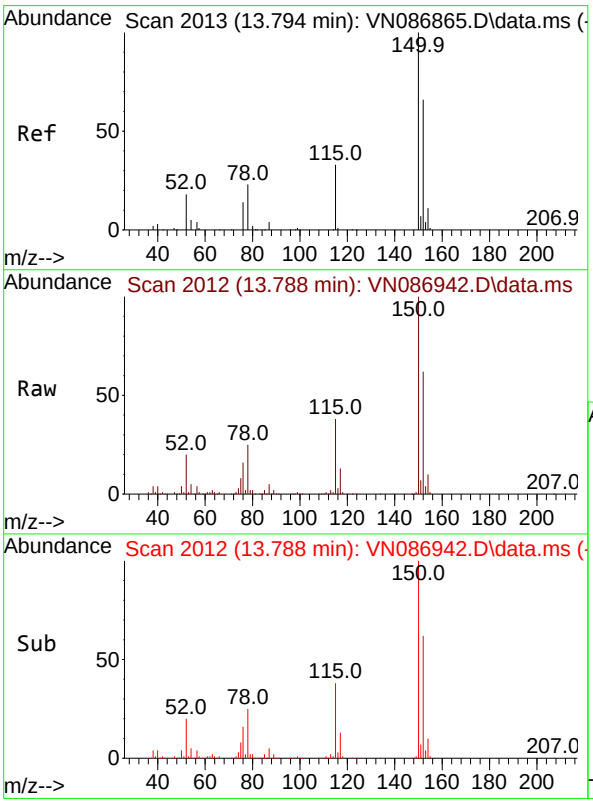
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086942.D
Acq: 11 Jun 2025 12:28

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBL01

Tgt Ion:117 Resp: 543433

Ion	Ratio	Lower	Upper
117	100		
82	55.0	44.6	67.0
119	31.9	25.5	38.3

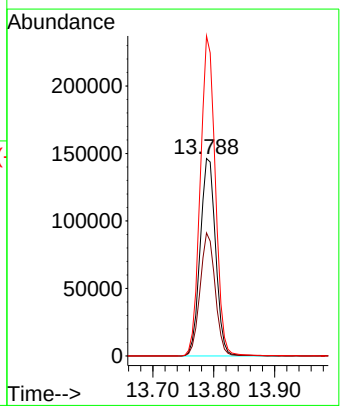




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN086942.D
Acq: 11 Jun 2025 12:28

Tgt Ion:152 Resp: 257257

Ion	Ratio	Lower	Upper
152	100		
115	61.2	30.1	90.5
150	157.9	0.0	345.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
Data File : VN086942.D
Acq On : 11 Jun 2025 12:28
Operator : JC\MD
Sample : VN0611WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBL01

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Title : SW846 8260

Signal : TIC: VN086942.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	8.177	1047	1058	1062	rBV	233085	565978	30.02%	5.919%
2	8.230	1062	1067	1080	rVB	416474	938498	49.77%	9.815%
3	8.583	1118	1127	1138	rBV	260361	595602	31.59%	6.229%
4	9.106	1207	1216	1229	rVB	670915	1364473	72.36%	14.270%
5	10.565	1456	1464	1474	rBV	997779	1885613	100.00%	19.720%
6	11.865	1677	1685	1698	rBV	876609	1557898	82.62%	16.293%
7	12.847	1844	1852	1864	rBV	669132	1151656	61.08%	12.044%
8	13.788	2005	2012	2022	rBV	873448	1502092	79.66%	15.709%

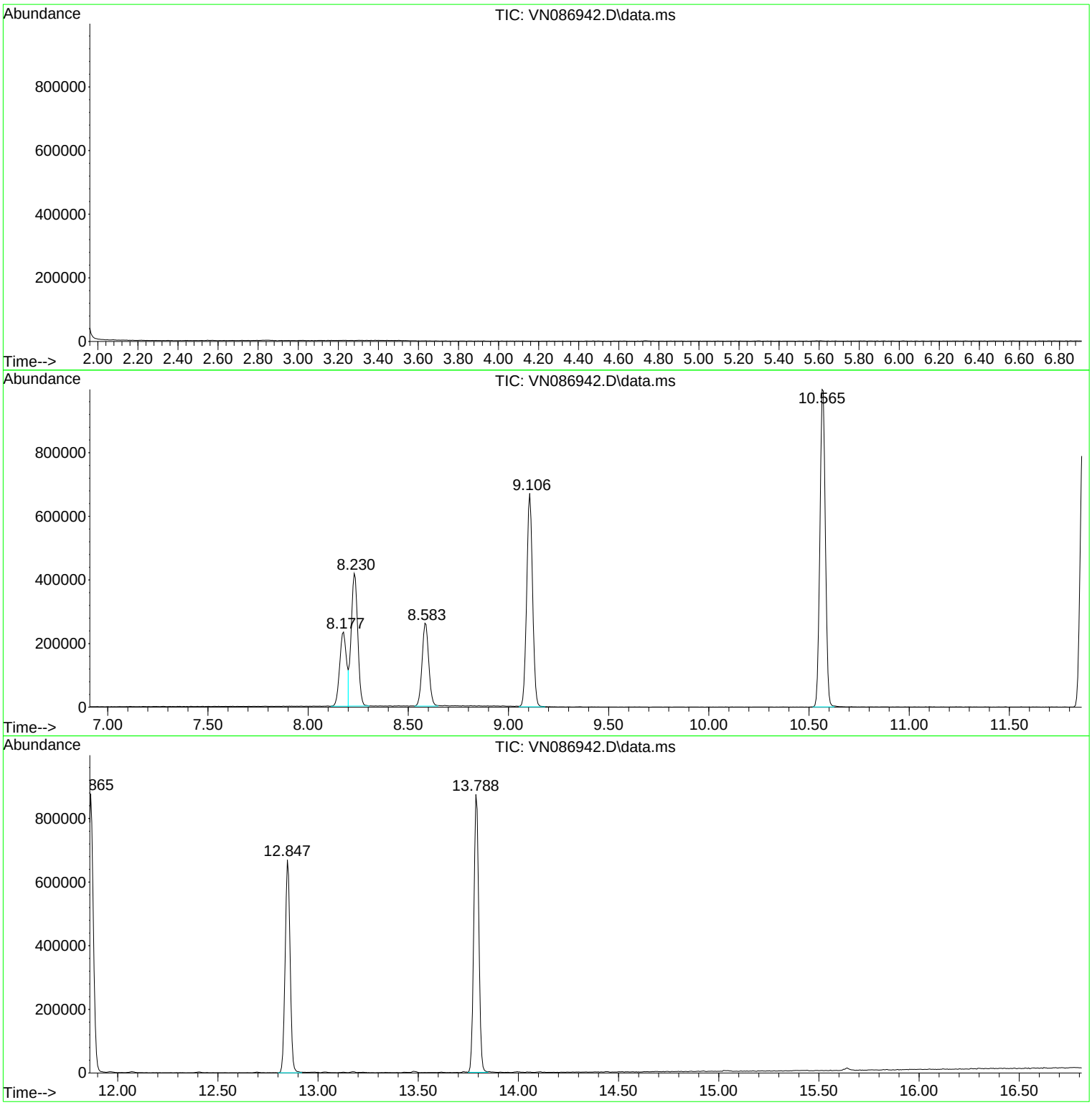
Sum of corrected areas: 9561810

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
Data File : VN086942.D
Acq On : 11 Jun 2025 12:28
Operator : JC\MD
Sample : VN0611WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
Data File : VN086942.D
Acq On : 11 Jun 2025 12:28
Operator : JC\MD
Sample : VN0611WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

No Library Search Compounds Detected
****

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
Data File : VN086942.D
Acq On : 11 Jun 2025 12:28
Operator : JC\MD
Sample : VN0611WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBL01

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
Data File : VN086944.D
Acq On : 11 Jun 2025 13:27
Operator : JC\MD
Sample : VN0611WBS02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 12 01:31:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02

Manual Integrations APPROVED

Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.235	168	206799	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	370524	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	321188	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	157403	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	130342	47.075	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 94.160%			
35) Dibromofluoromethane	8.177	113	112198	51.096	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.200%			
50) Toluene-d8	10.571	98	423380	48.706	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.420%			
62) 4-Bromofluorobenzene	12.847	95	161321	49.951	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 99.900%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.153	85	40672	19.725	ug/l	100
3) Chloromethane	2.401	50	42812	16.079	ug/l	97
4) Vinyl Chloride	2.553	62	51780	18.852	ug/l	95
5) Bromomethane	3.000	94	25577	16.641	ug/l	90
6) Chloroethane	3.153	64	34500	19.446	ug/l	99
7) Trichlorofluoromethane	3.530	101	68752	19.159	ug/l	99
8) Diethyl Ether	3.983	74	30914	19.772	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.400	101	44117	19.568	ug/l	99
10) Methyl Iodide	4.612	142	36924	12.634	ug/l	100
11) Tert butyl alcohol	5.541	59	69743	92.831	ug/l	99
12) 1,1-Dichloroethene	4.365	96	44269	19.233	ug/l	97
13) Acrolein	4.206	56	22290	93.730	ug/l	98
14) Allyl chloride	5.047	41	68027	17.821	ug/l	97
15) Acrylonitrile	5.741	53	166971	95.084	ug/l	100
16) Acetone	4.447	43	145322	98.972	ug/l	98
17) Carbon Disulfide	4.742	76	113132	17.769	ug/l	100
18) Methyl Acetate	5.047	43	81357	19.013	ug/l	99
19) Methyl tert-butyl Ether	5.812	73	163338	19.599	ug/l	98
20) Methylene Chloride	5.294	84	52196	18.988	ug/l	96
21) trans-1,2-Dichloroethene	5.812	96	47284	18.464	ug/l	95
22) Diisopropyl ether	6.688	45	155508	19.326	ug/l	97
23) Vinyl Acetate	6.618	43	653278	96.092	ug/l	98
24) 1,1-Dichloroethane	6.588	63	89930	19.421	ug/l	100
25) 2-Butanone	7.494	43	215760	90.401	ug/l	96
26) 2,2-Dichloropropane	7.500	77	78031	21.663	ug/l	98
27) cis-1,2-Dichloroethene	7.500	96	59578	19.453	ug/l	99
28) Bromochloromethane	7.824	49	45329	19.909	ug/l	95
29) Tetrahydrofuran	7.853	42	143866	92.532	ug/l	97
30) Chloroform	7.977	83	90272	19.521	ug/l	98
31) Cyclohexane	8.265	56	79050	17.603	ug/l	97
32) 1,1,1-Trichloroethane	8.182	97	74861	19.033	ug/l	97
36) 1,1-Dichloropropene	8.377	75	63577	19.431	ug/l	99
37) Ethyl Acetate	7.571	43	80415	19.306	ug/l	99
38) Carbon Tetrachloride	8.371	117	61747	19.222	ug/l	97
39) Methylcyclohexane	9.606	83	75971	16.947	ug/l	98
40) Benzene	8.612	78	206255	19.277	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
Data File : VN086944.D
Acq On : 11 Jun 2025 13:27
Operator : JC\MD
Sample : VN0611WBS02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 12 01:31:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02

Manual Integrations APPROVED

Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.788	41	42617	18.218	ug/l		93
42) 1,2-Dichloroethane	8.677	62	63379	19.530	ug/l		98
43) Isopropyl Acetate	8.694	43	126914	18.984	ug/l		98
44) Trichloroethene	9.359	130	50593	19.942	ug/l		99
45) 1,2-Dichloropropane	9.624	63	51091	19.628	ug/l		95
46) Dibromomethane	9.712	93	34741	20.093	ug/l		99
47) Bromodichloromethane	9.894	83	69845	19.634	ug/l		98
48) Methyl methacrylate	9.682	41	57757	18.771	ug/l		99
49) 1,4-Dioxane	9.706	88	22914	409.347	ug/l	#	97
51) 4-Methyl-2-Pentanone	10.447	43	394396	97.997	ug/l		99
52) Toluene	10.629	92	127563	19.509	ug/l		99
53) t-1,3-Dichloropropene	10.835	75	79224	19.917	ug/l		100
54) cis-1,3-Dichloropropene	10.318	75	85586	20.109	ug/l		99
55) 1,1,2-Trichloroethane	11.018	97	51421	20.438	ug/l		94
56) Ethyl methacrylate	10.882	69	80942	20.198	ug/l		94
57) 1,3-Dichloropropane	11.165	76	85602	19.613	ug/l		99
58) 2-Chloroethyl Vinyl ether	10.165	63	243584	101.910	ug/l		99
59) 2-Hexanone	11.206	43	231264	89.210	ug/l		95
60) Dibromochloromethane	11.359	129	53655	20.468	ug/l		99
61) 1,2-Dibromoethane	11.471	107	50832	19.711	ug/l		99
64) Tetrachloroethene	11.106	164	38926	19.150	ug/l		98
65) Chlorobenzene	11.894	112	141721	20.006	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.959	131	46404	20.378	ug/l		99
67) Ethyl Benzene	11.965	91	239733	19.647	ug/l		100
68) m/p-Xylenes	12.070	106	185026	39.613	ug/l		99
69) o-Xylene	12.400	106	90240	20.172	ug/l		99
70) Styrene	12.412	104	154149	20.137	ug/l		99
71) Bromoform	12.582	173	35350	20.952	ug/l	#	96
73) Isopropylbenzene	12.694	105	221545	19.320	ug/l		99
74) N-amyl acetate	12.529	43	63289	15.794	ug/l	#	85
75) 1,1,2,2-Tetrachloroethane	12.941	83	81476	20.973	ug/l		100
76) 1,2,3-Trichloropropane	12.994	75	71582m	19.132	ug/l		
77) Bromobenzene	12.982	156	55176	20.981	ug/l		98
78) n-propylbenzene	13.035	91	267384	19.187	ug/l		100
79) 2-Chlorotoluene	13.123	91	164813	19.721	ug/l		99
80) 1,3,5-Trimethylbenzene	13.170	105	181773	19.200	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.735	75	30121	18.532	ug/l	#	82
82) 4-Chlorotoluene	13.217	91	167991	19.866	ug/l		100
83) tert-Butylbenzene	13.435	119	161593	18.646	ug/l		99
84) 1,2,4-Trimethylbenzene	13.482	105	182431	19.216	ug/l		98
85) sec-Butylbenzene	13.617	105	228907	18.189	ug/l		100
86) p-Isopropyltoluene	13.729	119	192991	18.551	ug/l		99
87) 1,3-Dichlorobenzene	13.735	146	104883	20.271	ug/l		98
88) 1,4-Dichlorobenzene	13.812	146	107750	20.426	ug/l		99
89) n-Butylbenzene	14.053	91	177482	17.613	ug/l		100
90) Hexachloroethane	14.329	117	33456	18.972	ug/l		99
91) 1,2-Dichlorobenzene	14.106	146	99394	19.995	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	17796	19.155	ug/l		98
93) 1,2,4-Trichlorobenzene	15.394	180	58509	18.433	ug/l		98
94) Hexachlorobutadiene	15.500	225	19592	16.567	ug/l		97
95) Naphthalene	15.635	128	232760	19.700	ug/l		100
96) 1,2,3-Trichlorobenzene	15.841	180	56144	17.802	ug/l		98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
Data File : VN086944.D
Acq On : 11 Jun 2025 13:27
Operator : JC\MD
Sample : VN0611WBS02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 12 01:31:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02

Manual Integrations APPROVED

Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

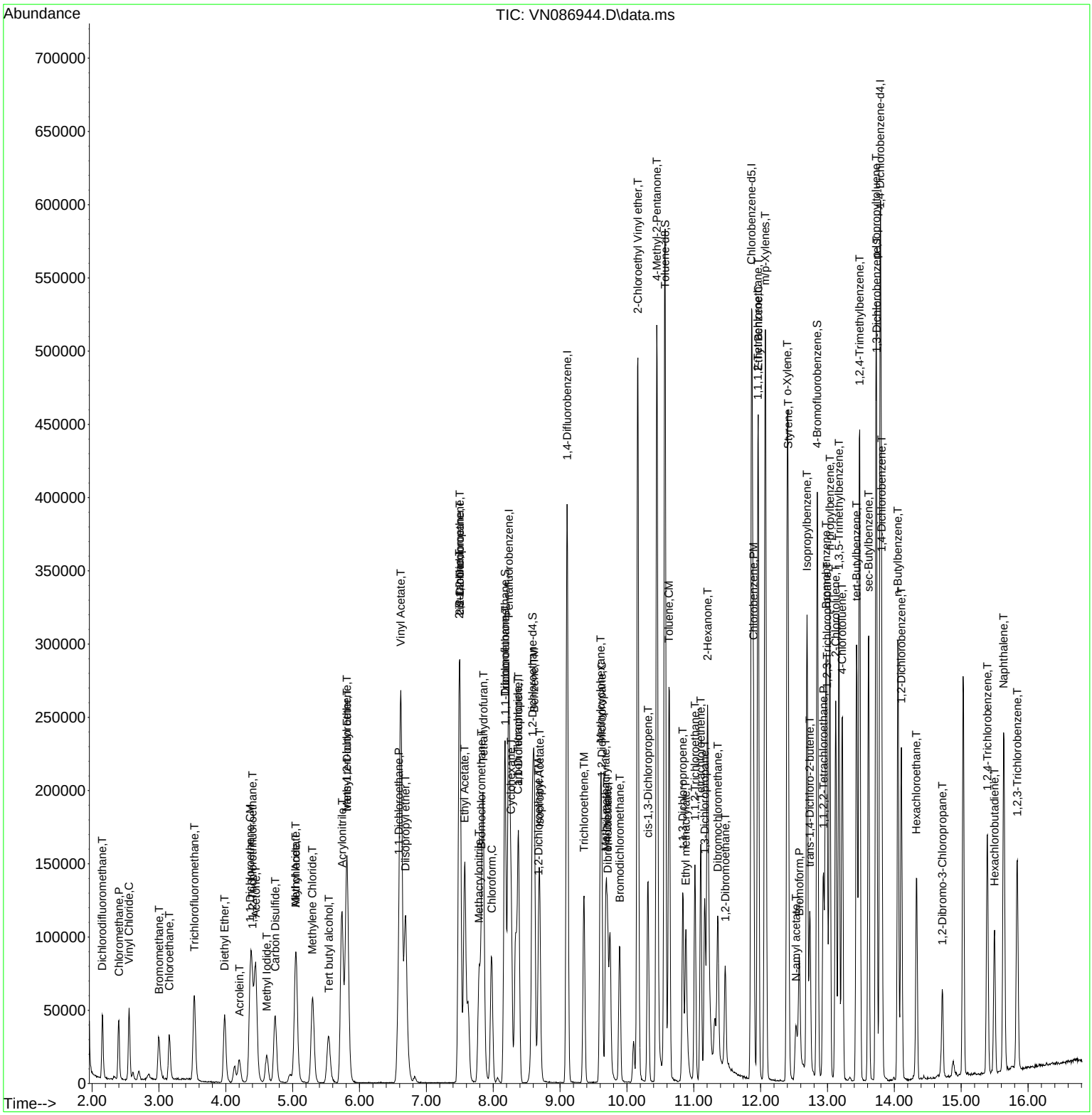
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
Data File : VN086944.D
Acq On : 11 Jun 2025 13:27
Operator : JC\MD
Sample : VN0611WBS02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 12 01:31:27 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBS02

Manual Integrations APPROVED

Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
Data File : VN086945.D
Acq On : 11 Jun 2025 14:01
Operator : JC\MD
Sample : VN0611WBSD02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 12 01:32:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBSD02

Manual Integrations APPROVED
Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.229	168	199904	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	354069	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	310598	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	151691	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	128166	47.886	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 95.780%			
35) Dibromofluoromethane	8.177	113	109657	52.260	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.520%			
50) Toluene-d8	10.571	98	411227	49.506	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.020%			
62) 4-Bromofluorobenzene	12.847	95	154682	50.121	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 100.240%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.153	85	38145	19.138	ug/l	96
3) Chloromethane	2.400	50	39948	15.521	ug/l	99
4) Vinyl Chloride	2.553	62	49695	18.717	ug/l	97
5) Bromomethane	3.000	94	24041	16.181	ug/l	95
6) Chloroethane	3.153	64	32368	18.874	ug/l	100
7) Trichlorofluoromethane	3.530	101	66071	19.047	ug/l	96
8) Diethyl Ether	3.977	74	29872	19.765	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.394	101	40831	18.735	ug/l	97
10) Methyl Iodide	4.612	142	36500	12.919	ug/l	100
11) Tert butyl alcohol	5.541	59	71180	98.012	ug/l	100
12) 1,1-Dichloroethene	4.365	96	42515	19.108	ug/l	92
13) Acrolein	4.200	56	22554	98.112	ug/l	100
14) Allyl chloride	5.053	41	65845	17.844	ug/l	98
15) Acrylonitrile	5.736	53	167429	98.634	ug/l	100
16) Acetone	4.447	43	131189	92.428	ug/l	97
17) Carbon Disulfide	4.736	76	105790	17.189	ug/l	98
18) Methyl Acetate	5.047	43	83025	20.072	ug/l	99
19) Methyl tert-butyl Ether	5.818	73	162549	20.177	ug/l	99
20) Methylene Chloride	5.300	84	50840	19.132	ug/l	96
21) trans-1,2-Dichloroethene	5.806	96	46018	18.589	ug/l	99
22) Diisopropyl ether	6.688	45	152785	19.643	ug/l	98
23) Vinyl Acetate	6.618	43	656574	99.908	ug/l	98
24) 1,1-Dichloroethane	6.588	63	86331	19.287	ug/l	99
25) 2-Butanone	7.494	43	218999	94.923	ug/l	99
26) 2,2-Dichloropropane	7.506	77	74316	21.343	ug/l	98
27) cis-1,2-Dichloroethene	7.500	96	57947	19.573	ug/l	97
28) Bromochloromethane	7.824	49	46411	21.088	ug/l	97
29) Tetrahydrofuran	7.853	42	145366	96.721	ug/l	98
30) Chloroform	7.977	83	86604	19.374	ug/l	100
31) Cyclohexane	8.265	56	74510	17.164	ug/l	98
32) 1,1,1-Trichloroethane	8.177	97	71441	18.790	ug/l	98
36) 1,1-Dichloropropene	8.382	75	60912	19.481	ug/l	99
37) Ethyl Acetate	7.571	43	80010	20.102	ug/l	99
38) Carbon Tetrachloride	8.371	117	59839	19.494	ug/l	96
39) Methylcyclohexane	9.606	83	71058	16.588	ug/l	97
40) Benzene	8.612	78	200940	19.653	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
Data File : VN086945.D
Acq On : 11 Jun 2025 14:01
Operator : JC\MD
Sample : VN0611WBSD02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 12 01:32:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBSD02

Manual Integrations APPROVED

Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.788	41	46047	20.600	ug/l		98
42) 1,2-Dichloroethane	8.677	62	63066	20.336	ug/l		100
43) Isopropyl Acetate	8.694	43	127320	19.930	ug/l		99
44) Trichloroethene	9.359	130	48830	20.141	ug/l		97
45) 1,2-Dichloropropane	9.624	63	49815	20.027	ug/l		95
46) Dibromomethane	9.712	93	35176	21.290	ug/l		99
47) Bromodichloromethane	9.894	83	70222	20.658	ug/l		99
48) Methyl methacrylate	9.688	41	56099	19.079	ug/l		95
49) 1,4-Dioxane	9.700	88	24300	454.282	ug/l	#	93
51) 4-Methyl-2-Pentanone	10.447	43	399735	103.940	ug/l		99
52) Toluene	10.629	92	124298	19.893	ug/l		100
53) t-1,3-Dichloropropene	10.841	75	78850	20.744	ug/l		100
54) cis-1,3-Dichloropropene	10.318	75	84225	20.709	ug/l		97
55) 1,1,2-Trichloroethane	11.018	97	50307	20.924	ug/l		97
56) Ethyl methacrylate	10.882	69	79449	20.747	ug/l		97
57) 1,3-Dichloropropane	11.165	76	85222	20.434	ug/l		98
58) 2-Chloroethyl Vinyl ether	10.165	63	241856	105.889	ug/l		99
59) 2-Hexanone	11.206	43	232463	93.840	ug/l		95
60) Dibromochloromethane	11.359	129	53154	21.220	ug/l		100
61) 1,2-Dibromoethane	11.470	107	51056	20.718	ug/l		99
64) Tetrachloroethene	11.106	164	36363	18.499	ug/l		98
65) Chlorobenzene	11.894	112	138224	20.178	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.965	131	45014	20.442	ug/l		99
67) Ethyl Benzene	11.965	91	227138	19.250	ug/l		100
68) m/p-Xylenes	12.070	106	178421	39.501	ug/l		98
69) o-Xylene	12.400	106	86537	20.004	ug/l		100
70) Styrene	12.412	104	152236	20.565	ug/l		98
71) Bromoform	12.582	173	36528	22.388	ug/l	#	98
73) Isopropylbenzene	12.694	105	213019	19.276	ug/l		100
74) N-amyl acetate	12.529	43	69705	18.051	ug/l	#	88
75) 1,1,2,2-Tetrachloroethane	12.935	83	81389	21.740	ug/l		100
76) 1,2,3-Trichloropropane	12.994	75	71147m	19.732	ug/l		
77) Bromobenzene	12.976	156	54030	21.319	ug/l		98
78) n-propylbenzene	13.035	91	257426	19.168	ug/l		99
79) 2-Chlorotoluene	13.123	91	157627	19.571	ug/l		99
80) 1,3,5-Trimethylbenzene	13.170	105	175428	19.228	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.735	75	29703	18.963	ug/l		95
82) 4-Chlorotoluene	13.223	91	162421	19.931	ug/l		100
83) tert-Butylbenzene	13.435	119	156588	18.749	ug/l		98
84) 1,2,4-Trimethylbenzene	13.482	105	177241	19.373	ug/l		99
85) sec-Butylbenzene	13.611	105	219639	18.109	ug/l		99
86) p-Isopropyltoluene	13.729	119	182853	18.238	ug/l		99
87) 1,3-Dichlorobenzene	13.729	146	102302	20.517	ug/l		100
88) 1,4-Dichlorobenzene	13.811	146	103614	20.382	ug/l		98
89) n-Butylbenzene	14.053	91	171576	17.668	ug/l		99
90) Hexachloroethane	14.329	117	31966	18.810	ug/l		100
91) 1,2-Dichlorobenzene	14.106	146	98864	20.638	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	18610	20.786	ug/l		99
93) 1,2,4-Trichlorobenzene	15.388	180	57083	18.660	ug/l		99
94) Hexachlorobutadiene	15.500	225	17672	15.506	ug/l		98
95) Naphthalene	15.635	128	230927	20.281	ug/l		99
96) 1,2,3-Trichlorobenzene	15.835	180	55026	18.105	ug/l		98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
Data File : VN086945.D
Acq On : 11 Jun 2025 14:01
Operator : JC\MD
Sample : VN0611WBSD02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 12 01:32:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBSD02

Manual Integrations APPROVED

Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed

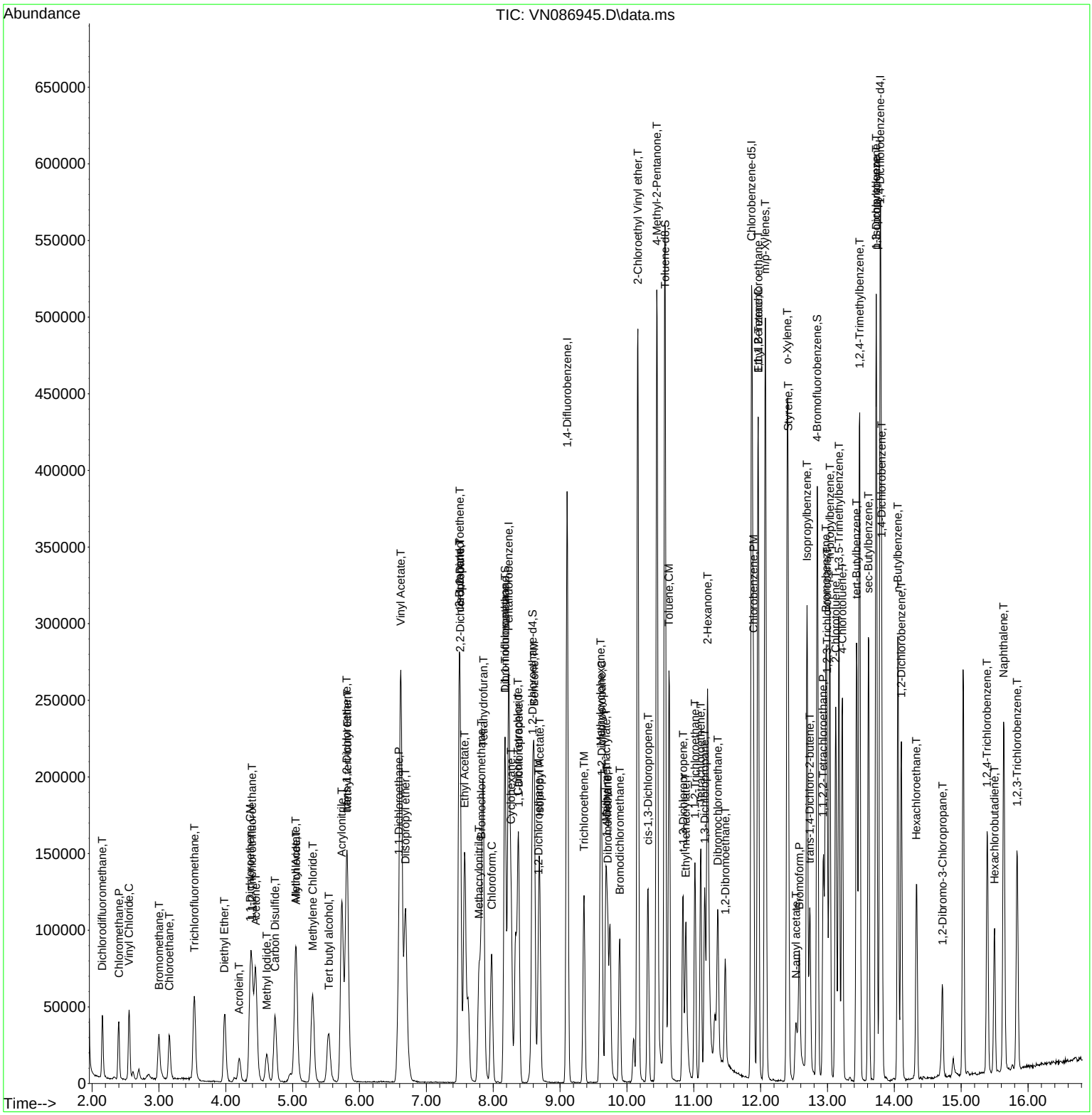
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
Data File : VN086945.D
Acq On : 11 Jun 2025 14:01
Operator : JC\MD
Sample : VN0611WBSD02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jun 12 01:32:16 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VN0611WBSD02

Manual Integrations APPROVED

Reviewed By :John Carlone 06/12/2025
Supervised By :Semsettin Yesilyurt 06/12/2025



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	vn060625	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC001	VN086862.D	1,1,2-Trichlorotrifluoroethane	JOHN	6/9/2025 8:02:09 AM	MMDadoda	6/9/2025 1:13:18 PM	Peak Integrated by Software
VSTDICC001	VN086862.D	1,2,3-Trichloropropane	JOHN	6/9/2025 8:02:09 AM	MMDadoda	6/9/2025 1:13:18 PM	Peak Integrated by Software
VSTDICC001	VN086862.D	1,4-Dichlorobenzene	JOHN	6/9/2025 8:02:09 AM	MMDadoda	6/9/2025 1:13:18 PM	Peak Integrated by Software
VSTDICC001	VN086862.D	2-Hexanone	JOHN	6/9/2025 8:02:09 AM	MMDadoda	6/9/2025 1:13:18 PM	Peak Integrated by Software
VSTDICC001	VN086862.D	N-amyl acetate	JOHN	6/9/2025 8:02:09 AM	MMDadoda	6/9/2025 1:13:18 PM	Peak Integrated by Software
VSTDICC005	VN086863.D	1,2,3-Trichloropropane	JOHN	6/9/2025 8:02:13 AM	MMDadoda	6/9/2025 1:13:19 PM	Peak Integrated by Software
VSTDICC005	VN086863.D	N-amyl acetate	JOHN	6/9/2025 8:02:13 AM	MMDadoda	6/9/2025 1:13:19 PM	Peak Integrated by Software
VSTDICC020	VN086864.D	1,2,3-Trichloropropane	JOHN	6/9/2025 8:02:19 AM	MMDadoda	6/9/2025 1:13:21 PM	Peak Integrated by Software
VSTDICCC050	VN086865.D	1,2,3-Trichloropropane	JOHN	6/9/2025 8:02:25 AM	MMDadoda	6/9/2025 1:13:23 PM	Peak Integrated by Software
VSTDICC100	VN086866.D	1,2,3-Trichloropropane	JOHN	6/9/2025 8:02:29 AM	MMDadoda	6/9/2025 1:13:28 PM	Peak Integrated by Software
VSTDICC150	VN086867.D	1,2,3-Trichloropropane	JOHN	6/9/2025 8:02:34 AM	MMDadoda	6/9/2025 1:13:30 PM	Peak Integrated by Software
VSTDICV050	VN086869.D	1,2,3-Trichloropropane	JOHN	6/9/2025 8:02:38 AM	MMDadoda	6/9/2025 1:13:34 PM	Peak Integrated by Software
VSTDCCC050	VN086886.D	1,2,3-Trichloropropane	JOHN	6/9/2025 8:02:55 AM	MMDadoda	6/9/2025 1:13:44 PM	Peak Integrated by Software

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	vn060625	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	vn061125	Instrument	MSVOA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VN086940.D	1,2,3-Trichloropropane	JOHN	6/12/2025 9:47:09 AM	Sam	6/12/2025 3:54:50 PM	Peak Integrated by Software
VN0611WBS02	VN086944.D	1,2,3-Trichloropropane	JOHN	6/12/2025 9:47:21 AM	Sam	6/12/2025 3:54:50 PM	Peak Integrated by Software
VN0611WBSD02	VN086945.D	1,2,3-Trichloropropane	JOHN	6/12/2025 9:47:26 AM	Sam	6/12/2025 3:54:52 PM	Peak Integrated by Software
VSTDCCC050	VN086965.D	1,2,3-Trichloropropane	JOHN	6/12/2025 9:53:57 AM	Sam	6/12/2025 3:54:56 PM	Peak Integrated by Software

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN060625

Review By	John Carlone	Review On	6/9/2025 8:08:23 AM		
Supervise By	Mahesh Dadoda	Supervise On	6/9/2025 1:13:51 PM		
SubDirectory	VN060625	HP Acquire Method		HP Processing Method	82N060625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134155
Initial Calibration Stds	VP134242,VP134243,VP134244,VP134245,VP134246,VP134247
CCC	VP134156
Internal Standard/PEM	
ICV/I.BLK	VP134248
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VN086861.D	06 Jun 2025 07:59	JC\MD	Ok
2	VSTDICC001	VN086862.D	06 Jun 2025 12:44	JC\MD	Ok,M
3	VSTDICC005	VN086863.D	06 Jun 2025 13:17	JC\MD	Ok,M
4	VSTDICC020	VN086864.D	06 Jun 2025 13:40	JC\MD	Ok,M
5	VSTDICCC050	VN086865.D	06 Jun 2025 14:03	JC\MD	Ok,M
6	VSTDICC100	VN086866.D	06 Jun 2025 14:26	JC\MD	Ok,M
7	VSTDICC150	VN086867.D	06 Jun 2025 14:49	JC\MD	Ok,M
8	IBLK	VN086868.D	06 Jun 2025 15:12	JC\MD	Ok
9	VSTDICV050	VN086869.D	06 Jun 2025 15:54	JC\MD	Ok,M
10	VN0606WBL01	VN086870.D	06 Jun 2025 16:47	JC\MD	Ok
11	VN0606WBL02	VN086871.D	06 Jun 2025 17:10	JC\MD	Ok
12	VN0606WBS01	VN086872.D	06 Jun 2025 17:33	JC\MD	Ok,M
13	VN0606WBSD01	VN086873.D	06 Jun 2025 17:56	JC\MD	Ok,M
14	Q2254-01	VN086874.D	06 Jun 2025 18:19	JC\MD	Not Ok
15	Q2237-02	VN086875.D	06 Jun 2025 18:42	JC\MD	Ok
16	Q2216-02	VN086876.D	06 Jun 2025 19:05	JC\MD	Ok
17	Q2216-03	VN086877.D	06 Jun 2025 19:28	JC\MD	Ok
18	Q2216-04	VN086878.D	06 Jun 2025 19:51	JC\MD	Ok
19	Q2216-05	VN086879.D	06 Jun 2025 20:13	JC\MD	Not Ok
20	Q2216-06	VN086880.D	06 Jun 2025 20:36	JC\MD	Not Ok
21	Q2206-04	VN086881.D	06 Jun 2025 20:59	JC\MD	Not Ok

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN060625

Review By	John Carlone	Review On	6/9/2025 8:08:23 AM		
Supervise By	Mahesh Dadoda	Supervise On	6/9/2025 1:13:51 PM		
SubDirectory	VN060625	HP Acquire Method		HP Processing Method	82N060625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134155
Initial Calibration Stds	VP134242,VP134243,VP134244,VP134245,VP134246,VP134247
CCC	VP134156
Internal Standard/PEM	
ICV/I.BLK	VP134248
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2242-04	VN086882.D	06 Jun 2025 21:21	JC\MD	Not Ok
23	Q2192-01	VN086883.D	06 Jun 2025 21:44	JC\MD	Not Ok
24	Q2198-02	VN086884.D	06 Jun 2025 22:07	JC\MD	Not Ok
25	Q2198-04	VN086885.D	06 Jun 2025 22:29	JC\MD	Not Ok
26	VSTDCCC050	VN086886.D	06 Jun 2025 22:52	JC\MD	Not Ok

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN061125

Review By	John Carlone	Review On	6/12/2025 9:57:37 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	6/12/2025 3:55:33 PM		
SubDirectory	VN061125	HP Acquire Method		HP Processing Method	82N060625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134284
Initial Calibration Stds	
CCC	VP134285,VP134286
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VN086939.D	11 Jun 2025 10:22	JC\MD	Ok
2	VSTDCCC050	VN086940.D	11 Jun 2025 11:32	JC\MD	Ok,M
3	VN0611MBL01	VN086941.D	11 Jun 2025 12:06	JC\MD	Ok
4	VN0611WBL01	VN086942.D	11 Jun 2025 12:28	JC\MD	Ok
5	VN0611WBS01	VN086943.D	11 Jun 2025 12:50	JC\MD	Not Ok
6	VN0611WBS02	VN086944.D	11 Jun 2025 13:27	JC\MD	Ok,M
7	VN0611WBSD02	VN086945.D	11 Jun 2025 14:01	JC\MD	Ok,M
8	Q2251-06	VN086946.D	11 Jun 2025 14:22	JC\MD	Ok
9	Q2202-03DL	VN086947.D	11 Jun 2025 14:44	JC\MD	Ok,M
10	Q2250-01DL	VN086948.D	11 Jun 2025 15:06	JC\MD	Ok
11	Q2202-06	VN086949.D	11 Jun 2025 15:28	JC\MD	Ok
12	Q2189-01	VN086950.D	11 Jun 2025 15:50	JC\MD	Ok
13	Q2202-05	VN086951.D	11 Jun 2025 16:12	JC\MD	Ok
14	Q2202-04	VN086952.D	11 Jun 2025 16:35	JC\MD	Ok
15	Q2231-01	VN086953.D	11 Jun 2025 16:57	JC\MD	Ok
16	Q2231-02	VN086954.D	11 Jun 2025 17:19	JC\MD	Ok,M
17	Q2231-03	VN086955.D	11 Jun 2025 17:41	JC\MD	Ok
18	Q2231-04	VN086956.D	11 Jun 2025 18:04	JC\MD	Ok
19	Q2231-05	VN086957.D	11 Jun 2025 18:26	JC\MD	Ok
20	Q2231-06	VN086958.D	11 Jun 2025 18:48	JC\MD	Ok
21	Q2210-01	VN086959.D	11 Jun 2025 19:10	JC\MD	Ok

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN061125

Review By	John Carlone	Review On	6/12/2025 9:57:37 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	6/12/2025 3:55:33 PM		
SubDirectory	VN061125	HP Acquire Method		HP Processing Method	82N060625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134284
Initial Calibration Stds	
CCC	VP134285,VP134286
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2209-01	VN086960.D	11 Jun 2025 19:33	JC\MD	Ok
23	IBLK	VN086961.D	11 Jun 2025 19:55	JC\MD	Ok
24	IBLK	VN086962.D	11 Jun 2025 20:17	JC\MD	Ok
25	Q2263-01	VN086963.D	11 Jun 2025 20:39	JC\MD	Ok
26	Q2263-02	VN086964.D	11 Jun 2025 21:01	JC\MD	Ok
27	VSTDCCC050	VN086965.D	11 Jun 2025 21:23	JC\MD	Ok,M

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN060625

Review By	John Carlone	Review On	6/9/2025 8:08:23 AM		
Supervise By	Mahesh Dadoda	Supervise On	6/9/2025 1:13:51 PM		
SubDirectory	VN060625	HP Acquire Method		HP Processing Method	82N060625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134155
Initial Calibration Stds	VP134242,VP134243,VP134244,VP134245,VP134246,VP134247
CCC	VP134156
Internal Standard/PEM	
ICV/I.BLK	VP134248
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VN086861.D	06 Jun 2025 07:59		JC\MD	Ok
2	VSTDICC001	VSTDICC001	VN086862.D	06 Jun 2025 12:44	Method failed for com.#13	JC\MD	Ok,M
3	VSTDICC005	VSTDICC005	VN086863.D	06 Jun 2025 13:17		JC\MD	Ok,M
4	VSTDICC020	VSTDICC020	VN086864.D	06 Jun 2025 13:40		JC\MD	Ok,M
5	VSTDICCC050	VSTDICCC050	VN086865.D	06 Jun 2025 14:03		JC\MD	Ok,M
6	VSTDICC100	VSTDICC100	VN086866.D	06 Jun 2025 14:26		JC\MD	Ok,M
7	VSTDICC150	VSTDICC150	VN086867.D	06 Jun 2025 14:49		JC\MD	Ok,M
8	IBLK	IBLK	VN086868.D	06 Jun 2025 15:12		JC\MD	Ok
9	VSTDICV050	ICVVN060625	VN086869.D	06 Jun 2025 15:54		JC\MD	Ok,M
10	VN0606WBL01	VN0606WBL01	VN086870.D	06 Jun 2025 16:47		JC\MD	Ok
11	VN0606WBL02	VN0606WBL02	VN086871.D	06 Jun 2025 17:10		JC\MD	Ok
12	VN0606WBS01	VN0606WBS01	VN086872.D	06 Jun 2025 17:33		JC\MD	Ok,M
13	VN0606WBSD01	VN0606WBSD01	VN086873.D	06 Jun 2025 17:56		JC\MD	Ok,M
14	Q2254-01	BP-VPB-182-GW-810-8	VN086874.D	06 Jun 2025 18:19	vial A pH<2 endccc out of tune	JC\MD	Not Ok
15	Q2237-02	TW-WTS-10	VN086875.D	06 Jun 2025 18:42	vial A pH<2	JC\MD	Ok
16	Q2216-02	3887	VN086876.D	06 Jun 2025 19:05	vial A pH<2	JC\MD	Ok
17	Q2216-03	3888	VN086877.D	06 Jun 2025 19:28	vial A pH<2	JC\MD	Ok
18	Q2216-04	3864	VN086878.D	06 Jun 2025 19:51	vial A pH<2	JC\MD	Ok

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN060625

Review By	John Carlone	Review On	6/9/2025 8:08:23 AM		
Supervise By	Mahesh Dadoda	Supervise On	6/9/2025 1:13:51 PM		
SubDirectory	VN060625	HP Acquire Method		HP Processing Method	82N060625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134155
Initial Calibration Stds	VP134242,VP134243,VP134244,VP134245,VP134246,VP134247
CCC	VP134156
Internal Standard/PEM	
ICV/I.BLK	VP134248
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q2216-05	3865	VN086879.D	06 Jun 2025 20:13	vial A pH<2 Out of Tune	JC\MD	Not Ok
20	Q2216-06	3851	VN086880.D	06 Jun 2025 20:36	vial A pH<2 Out of Tune	JC\MD	Not Ok
21	Q2206-04	TP-1	VN086881.D	06 Jun 2025 20:59	vial A pH<2 Out of Tune	JC\MD	Not Ok
22	Q2242-04	TP09-MHJ	VN086882.D	06 Jun 2025 21:21	vial A pH<2 Out of Tune	JC\MD	Not Ok
23	Q2192-01	SB-1	VN086883.D	06 Jun 2025 21:44	vial A pH<2 Out of Tune	JC\MD	Not Ok
24	Q2198-02	B-202-SB02	VN086884.D	06 Jun 2025 22:07	vial A pH<2 Out of Tune	JC\MD	Not Ok
25	Q2198-04	B-207-SB02	VN086885.D	06 Jun 2025 22:29	vial A pH<2 Out of Tune	JC\MD	Not Ok
26	VSTDCCC050	VSTDCCC050EC	VN086886.D	06 Jun 2025 22:52	Out of Tune	JC\MD	Not Ok

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN061125

Review By	John Carlone	Review On	6/12/2025 9:57:37 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	6/12/2025 3:55:33 PM		
SubDirectory	VN061125	HP Acquire Method		HP Processing Method	82N060625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134284
Initial Calibration Stds	
CCC	VP134285,VP134286
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VN086939.D	11 Jun 2025 10:22		JC\MD	Ok
2	VSTDCCC050	VSTDCCC050	VN086940.D	11 Jun 2025 11:32	pH#Lot#V12668	JC\MD	Ok,M
3	VN0611MBL01	VN0611MBL01	VN086941.D	11 Jun 2025 12:06		JC\MD	Ok
4	VN0611WBL01	VN0611WBL01	VN086942.D	11 Jun 2025 12:28		JC\MD	Ok
5	VN0611WBS01	VN0611WBS01	VN086943.D	11 Jun 2025 12:50	Recovery fail	JC\MD	Not Ok
6	VN0611WBS02	VN0611WBS02	VN086944.D	11 Jun 2025 13:27		JC\MD	Ok,M
7	VN0611WBSD02	VN0611WBSD02	VN086945.D	11 Jun 2025 14:01		JC\MD	Ok,M
8	Q2251-06	VPB182-HYD-2025060	VN086946.D	11 Jun 2025 14:22	vial A pH<2	JC\MD	Ok
9	Q2202-03DL	MW-12-20250603DL	VN086947.D	11 Jun 2025 14:44	vial B pH<2	JC\MD	Ok,M
10	Q2250-01DL	MW-11A-13.5-060525D	VN086948.D	11 Jun 2025 15:06	vial B pH<2	JC\MD	Ok
11	Q2202-06	TB-20250603	VN086949.D	11 Jun 2025 15:28	vial A pH<2 TB	JC\MD	Ok
12	Q2189-01	MW-7-20250602	VN086950.D	11 Jun 2025 15:50	vial B pH<2	JC\MD	Ok
13	Q2202-05	MW-1A-20250603	VN086951.D	11 Jun 2025 16:12	vial A pH<2	JC\MD	Ok
14	Q2202-04	MW-130-20250603	VN086952.D	11 Jun 2025 16:35	vial A pH<2	JC\MD	Ok
15	Q2231-01	MW-10D-20250604	VN086953.D	11 Jun 2025 16:57	vial A pH<2	JC\MD	Ok
16	Q2231-02	MW-14-20250604	VN086954.D	11 Jun 2025 17:19	vial A pH<2	JC\MD	Ok,M
17	Q2231-03	MW-15-20250604	VN086955.D	11 Jun 2025 17:41	vial A pH<2	JC\MD	Ok
18	Q2231-04	MW-16D-20250604	VN086956.D	11 Jun 2025 18:04	vial A pH<2	JC\MD	Ok

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: MSVOA_N

Daily Analysis Runlog For Sequence/QCBatch ID # VN061125

Review By	John Carlone	Review On	6/12/2025 9:57:37 AM		
Supervise By	Semsettin Yesilyurt	Supervise On	6/12/2025 3:55:33 PM		
SubDirectory	VN061125	HP Acquire Method		HP Processing Method	82N060625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134284
Initial Calibration Stds	
CCC	VP134285,VP134286
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q2231-05	MW-17-20250604	VN086957.D	11 Jun 2025 18:26	vial A pH<2	JC\MD	Ok
20	Q2231-06	TB-20250604	VN086958.D	11 Jun 2025 18:48	vial A pH<2 TB	JC\MD	Ok
21	Q2210-01	TW1	VN086959.D	11 Jun 2025 19:10	vial A pH<2	JC\MD	Ok
22	Q2209-01	P01W	VN086960.D	11 Jun 2025 19:33	vial A pH<2	JC\MD	Ok
23	IBLK	IBLK	VN086961.D	11 Jun 2025 19:55		JC\MD	Ok
24	IBLK	IBLK	VN086962.D	11 Jun 2025 20:17		JC\MD	Ok
25	Q2263-01	RW9-MW01D3-202506	VN086963.D	11 Jun 2025 20:39	vial A pH<2	JC\MD	Ok
26	Q2263-02	RW9-MW01D3-202506	VN086964.D	11 Jun 2025 21:01	vial A pH<2	JC\MD	Ok
27	VSTDCCC050	VSTDCCC050EC	VN086965.D	11 Jun 2025 21:23		JC\MD	Ok,M

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

LAB CHRONICLE

OrderID:	Q2210	**OrderDate:**	6/4/2025 1:53:00 PM
Client:	G Environmental	**Project:**	Stockton
Contact:	Gary Landis	**Location:**	L31,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2210-01	**TW1**	**Water**			**06/03/25**			**06/04/25**
			VOCMS Group1	8260-Low			06/11/25	

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Hit Summary Sheet
SW-846

SDG No.: Q2210

Client: G Environmental

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
Client ID : TW1									
Q2210-01	TW1	WATER	2-Pentanone, 4-hydroxy-4-methyl	*	3.800	AB	0	0	ug/L
Q2210-01	TW1	WATER	Benzophenone	*	3.400	J	0	0	ug/L
Q2210-01	TW1	WATER	Docosane, 11-butyl-	*	2.100	J	0	0	ug/L
Q2210-01	TW1	WATER	Docosane, 9-butyl-	*	3.500	J	0	0	ug/L
Q2210-01	TW1	WATER	Eicosane	*	3.200	J	0	0	ug/L
Q2210-01	TW1	WATER	n-Hexadecanoic acid	*	28.100	J	0	0	ug/L
Q2210-01	TW1	WATER	Nonadecane	*	3.700	J	0	0	ug/L
Q2210-01	TW1	WATER	Octadecanoic acid	*	7.400	J	0	0	ug/L
			Total Tics :			**55.20**			
			Total Concentration:			**55.20**			

SAMPLE DATA

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	06/03/25
Project:	Stockton	Date Received:	06/04/25
Client Sample ID:	TW1	SDG No.:	Q2210
Lab Sample ID:	Q2210-01	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024874.D	1	06/06/25 08:35	06/09/25 12:50	PB168323

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	3.90	U	3.90	10.0	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.81	U	0.81	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1.30	5.00	ug/L
98-86-2	Acetophenone	0.74	U	0.74	5.00	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.40	U	1.40	2.50	ug/L
67-72-1	Hexachloroethane	0.65	U	0.65	5.00	ug/L
98-95-3	Nitrobenzene	0.76	U	0.76	5.00	ug/L
78-59-1	Isophorone	0.75	U	0.75	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	0.68	U	0.68	5.00	ug/L
91-20-3	Naphthalene	0.50	U	0.50	5.00	ug/L
106-47-8	4-Chloroaniline	0.84	UQ	0.84	5.00	ug/L
87-68-3	Hexachlorobutadiene	0.54	U	0.54	5.00	ug/L
105-60-2	Caprolactam	1.10	U	1.10	10.0	ug/L
91-57-6	2-Methylnaphthalene	0.56	U	0.56	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	3.60	U	3.60	10.0	ug/L
92-52-4	1,1-Biphenyl	0.53	U	0.53	5.00	ug/L
91-58-7	2-Chloronaphthalene	0.61	U	0.61	5.00	ug/L
88-74-4	2-Nitroaniline	1.30	U	1.30	5.00	ug/L
131-11-3	Dimethylphthalate	0.61	U	0.61	5.00	ug/L
208-96-8	Acenaphthylene	0.75	U	0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	0.92	U	0.92	5.00	ug/L
99-09-2	3-Nitroaniline	1.10	UQ	1.10	5.00	ug/L
83-32-9	Acenaphthene	0.55	U	0.55	5.00	ug/L
132-64-9	Dibenzofuran	0.61	U	0.61	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	1.20	U	1.20	5.00	ug/L
84-66-2	Diethylphthalate	0.69	U	0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.68	U	0.68	5.00	ug/L
86-73-7	Fluorene	0.63	U	0.63	5.00	ug/L
100-01-6	4-Nitroaniline	1.50	U	1.50	5.00	ug/L

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental			Date Collected:	06/03/25
Project:	Stockton			Date Received:	06/04/25
Client Sample ID:	TW1			SDG No.:	Q2210
Lab Sample ID:	Q2210-01			Matrix:	Water
Analytical Method:	8270E			% Solid:	0
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group1
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024874.D	1	06/06/25 08:35	06/09/25 12:50	PB168323

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
86-30-6	n-Nitrosodiphenylamine	0.58	U	0.58	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	0.40	U	0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	0.52	U	0.52	5.00	ug/L
1912-24-9	Atrazine	1.00	U	1.00	5.00	ug/L
85-01-8	Phenanthrene	0.50	U	0.50	5.00	ug/L
120-12-7	Anthracene	0.61	U	0.61	5.00	ug/L
86-74-8	Carbazole	0.72	U	0.72	5.00	ug/L
84-74-2	Di-n-butylphthalate	1.20	U	1.20	5.00	ug/L
206-44-0	Fluoranthene	0.82	U	0.82	5.00	ug/L
129-00-0	Pyrene	0.50	U	0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	1.90	U	1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	0.93	UQ	0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	0.45	U	0.45	5.00	ug/L
218-01-9	Chrysene	0.44	U	0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.60	U	1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	2.30	U	2.30	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	0.49	U	0.49	5.00	ug/L
207-08-9	Benzo(k)fluoranthene	0.48	U	0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	0.55	U	0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.59	U	0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.67	U	0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	0.69	U	0.69	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.52	U	0.52	5.00	ug/L
123-91-1	1,4-Dioxane	1.00	U	1.00	5.00	ug/L
SURROGATES						
4165-60-0	Nitrobenzene-d5	92.0		30 (67) - 130 (132)	92%	SPK: 100
321-60-8	2-Fluorobiphenyl	84.8		30 (52) - 130 (132)	85%	SPK: 100
1718-51-0	Terphenyl-d14	80.3		30 (42) - 130 (152)	80%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	153000	7.607			

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	06/03/25
Project:	Stockton	Date Received:	06/04/25
Client Sample ID:	TW1	SDG No.:	Q2210
Lab Sample ID:	Q2210-01	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024874.D	1	06/06/25 08:35	06/09/25 12:50	PB168323

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1146-65-2	Naphthalene-d8	618000	10.372			
15067-26-2	Acenaphthene-d10	395000	14.242			
1517-22-2	Phenanthrene-d10	788000	17.048			
1719-03-5	Chrysene-d12	1060000	21.483			
1520-96-3	Perylene-d12	1470000	24.712			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.80	AB		4.77	ug/L
000119-61-9	Benzophenone	3.40	J		15.6	ug/L
000057-10-3	n-Hexadecanoic acid	28.1	J		18.0	ug/L
000112-95-8	Eicosane	3.20	J		19.1	ug/L
000057-11-4	Octadecanoic acid	7.40	J		19.3	ug/L
055282-14-9	Docosane, 9-butyl-	3.50	J		20.0	ug/L
000629-92-5	Nonadecane	3.70	J		20.8	ug/L
013475-76-8	Docosane, 11-butyl-	2.10	J		21.6	ug/L

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

QC SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Surrogate Summary

SW-846

SDG No.: Q2210

Client: G Environmental

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB168323BL	PB168323BL	Nitrobenzene-d5	100	85.2	85		30 (67)	130 (132)
		2-Fluorobiphenyl	100	84.3	84		30 (52)	130 (132)
		Terphenyl-d14	100	90.1	90		30 (42)	130 (152)
PB168323BS	PB168323BS	Nitrobenzene-d5	100	79.4	79		30 (67)	130 (132)
		2-Fluorobiphenyl	100	77.9	78		30 (52)	130 (132)
		Terphenyl-d14	100	79.2	79		30 (42)	130 (152)
Q2210-01	TW1	Nitrobenzene-d5	100	92.0	92		30 (67)	130 (132)
		2-Fluorobiphenyl	100	84.8	85		30 (52)	130 (132)
		Terphenyl-d14	100	80.3	80		30 (42)	130 (152)
Q2230-03MS	GW-MW01-060425MS	Nitrobenzene-d5	100	90.5	91		30 (67)	130 (132)
		2-Fluorobiphenyl	100	85.6	86		30 (52)	130 (132)
		Terphenyl-d14	100	80.4	80		30 (42)	130 (152)
Q2230-04MSD	GW-MW01-060425MSD	Nitrobenzene-d5	100	88.0	88		30 (67)	130 (132)
		2-Fluorobiphenyl	100	85.9	86		30 (52)	130 (132)
		Terphenyl-d14	100	89.3	89		30 (42)	130 (152)

( ) = LABORATORY INHOUSE LIMIT

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2210

Client: G Environmental

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q2230-03MS		**Client Sample ID: GW-MW01-060425MS**						**DataFile: BP024879.D**			
Benzaldehyde	52.1	0	39.6	ug/L	76				20 (10)	160 (137)	
bis(2-Chloroethyl)ether	52.1	0	51.3	ug/L	98				70 (29)	130 (141)	
2,2-oxybis(1-Chloropropane)	52.1	0	44.9	ug/L	86				70 (36)	130 (141)	
Acetophenone	52.1	0	55.9	ug/L	107				70 (31)	130 (164)	
N-Nitroso-di-n-propylamine	52.1	0	50.4	ug/L	97				70 (36)	130 (147)	
Hexachloroethane	52.1	0	24.9	ug/L	48				20 (19)	160 (146)	
Nitrobenzene	52.1	0	54.9	ug/L	105				70 (62)	130 (112)	
Isophorone	52.1	0	51.6	ug/L	99				70 (39)	130 (146)	
bis(2-Chloroethoxy)methane	52.1	0	52.2	ug/L	100				70 (39)	130 (143)	
Naphthalene	52.1	2.20	42.7	ug/L	78				70 (17)	130 (157)	
4-Chloroaniline	52.1	0	31.4	ug/L	60	*			70 (10)	130 (95)	
Hexachlorobutadiene	52.1	0	28.9	ug/L	55	*			70 (52)	130 (125)	
Caprolactam	52.1	0	11.7	ug/L	22				20 (10)	160 (130)	
2-Methylnaphthalene	52.1	0	48.7	ug/L	93				70 (38)	130 (146)	
Hexachlorocyclopentadiene	100	0	62.8	ug/L	63				20 (20)	160 (153)	
1,1-Biphenyl	52.1	0	50.2	ug/L	96				70 (38)	130 (154)	
2-Chloronaphthalene	52.1	0	48.7	ug/L	93				70 (41)	130 (145)	
2-Nitroaniline	52.1	0	51.3	ug/L	98				70 (39)	130 (151)	
Dimethylphthalate	52.1	0	54.0	ug/L	104				70 (42)	130 (147)	
Acenaphthylene	52.1	0	50.7	ug/L	97				70 (40)	130 (141)	
2,6-Dinitrotoluene	52.1	0	56.1	ug/L	108				70 (43)	130 (148)	
3-Nitroaniline	52.1	0	33.9	ug/L	65	*			70 (10)	130 (111)	
Acenaphthene	52.1	0	52.1	ug/L	100				70 (37)	130 (146)	
Dibenzofuran	52.1	0	52.6	ug/L	101				70 (41)	130 (145)	
2,4-Dinitrotoluene	52.1	0	60.2	ug/L	116				70 (74)	130 (137)	
Diethylphthalate	52.1	0	56.7	ug/L	109				70 (41)	130 (148)	
4-Chlorophenyl-phenylether	52.1	0	53.6	ug/L	103				70 (38)	130 (149)	
Fluorene	52.1	0	53.8	ug/L	103				70 (39)	130 (144)	
4-Nitroaniline	52.1	0	47.0	ug/L	90				70 (27)	130 (138)	
N-Nitrosodiphenylamine	52.1	0	52.4	ug/L	101				70 (40)	130 (150)	
4-Bromophenyl-phenylether	52.1	0	53.0	ug/L	102				70 (42)	130 (151)	
Hexachlorobenzene	52.1	0	53.4	ug/L	102				70 (72)	130 (115)	
Atrazine	52.1	0	57.8	ug/L	111				70 (20)	130 (162)	
Phenanthrene	52.1	0	53.7	ug/L	103				70 (40)	130 (147)	
Anthracene	52.1	0	53.8	ug/L	103				70 (41)	130 (146)	
Carbazole	52.1	0	57.9	ug/L	111				70 (37)	130 (154)	
Di-n-butylphthalate	52.1	0	58.4	ug/L	112				70 (40)	130 (151)	
Fluoranthene	52.1	0	57.7	ug/L	111				70 (42)	130 (146)	
Pyrene	52.1	0	51.4	ug/L	99				70 (41)	130 (149)	
Butylbenzylphthalate	52.1	0	56.8	ug/L	109				70 (39)	130 (155)	
3,3-Dichlorobenzidine	52.1	0	19.1	ug/L	37	*			70 (10)	130 (114)	
Benzo(a)anthracene	52.1	0	54.6	ug/L	105				70 (41)	130 (147)	
Chrysene	52.1	0	53.4	ug/L	102				70 (44)	130 (144)	
bis(2-Ethylhexyl)phthalate	52.1	0	57.3	ug/L	110				70 (33)	130 (160)	
Di-n-octyl phthalate	52.1	0	58.4	ug/L	112				70 (36)	130 (158)	
Benzo(b)fluoranthene	52.1	0	56.2	ug/L	108				70 (40)	130 (150)	

( ) = LABORATORY INHOUSE LIMIT

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2210

Client: G Environmental

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Benzo(k)fluoranthene	52.1	0	53.1	ug/L	102				70 (40)	130 (147)	
Benzo(a)pyrene	52.1	0	54.1	ug/L	104				70 (42)	130 (147)	
Indeno(1,2,3-cd)pyrene	52.1	0	56.3	ug/L	108				70 (30)	130 (166)	
Dibenz(a,h)anthracene	52.1	0	57.5	ug/L	110				70 (23)	130 (172)	
Benzo(g,h,i)perylene	52.1	0	56.4	ug/L	108				70 (27)	130 (167)	
1,2,4,5-Tetrachlorobenzene	52.1	0	46.6	ug/L	89				70 (89)	130 (102)	
1,4-Dioxane	52.1	0	18.1	ug/L	35				20 (38)	160 (130)	

( ) = LABORATORY INHOUSE LIMIT

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2210

Client: G Environmental

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q2230-04MSD		**Client Sample ID: GW-MW01-060425MSD**						**DataFile: BP024880.D**			
Benzaldehyde	53.2	0	38.8	ug/L	73		4		20 (10)	160 (137)	20 (20)
bis(2-Chloroethyl)ether	53.2	0	50.2	ug/L	94		4		70 (29)	130 (141)	20 (20)
2,2-oxybis(1-Chloropropane)	53.2	0	44.5	ug/L	84		2		70 (36)	130 (141)	20 (20)
Acetophenone	53.2	0	55.5	ug/L	104		3		70 (31)	130 (164)	20 (20)
N-Nitroso-di-n-propylamine	53.2	0	48.1	ug/L	90		7		70 (36)	130 (147)	20 (20)
Hexachloroethane	53.2	0	24.9	ug/L	47		2		20 (19)	160 (146)	20 (20)
Nitrobenzene	53.2	0	54.8	ug/L	103		2		70 (62)	130 (112)	20 (20)
Isophorone	53.2	0	51.1	ug/L	96		3		70 (39)	130 (146)	20 (20)
bis(2-Chloroethoxy)methane	53.2	0	52.7	ug/L	99		1		70 (39)	130 (143)	20 (20)
Naphthalene	53.2	2.20	42.1	ug/L	75		4		70 (17)	130 (157)	20 (20)
4-Chloroaniline	53.2	0	28.9	ug/L	54	*	11		70 (10)	130 (95)	20 (20)
Hexachlorobutadiene	53.2	0	30.1	ug/L	57	*	4		70 (52)	130 (125)	20 (20)
Caprolactam	53.2	0	10.8	ug/L	20		10		20 (10)	160 (130)	20 (20)
2-Methylnaphthalene	53.2	0	48.6	ug/L	91		2		70 (38)	130 (146)	20 (20)
Hexachlorocyclopentadiene	110	0	70.7	ug/L	64		2		20 (20)	160 (153)	20 (20)
1,1-Biphenyl	53.2	0	52.0	ug/L	98		2		70 (38)	130 (154)	20 (20)
2-Chloronaphthalene	53.2	0	50.5	ug/L	95		2		70 (41)	130 (145)	20 (20)
2-Nitroaniline	53.2	0	49.4	ug/L	93		5		70 (39)	130 (151)	20 (20)
Dimethylphthalate	53.2	0	53.9	ug/L	101		3		70 (42)	130 (147)	20 (20)
Acenaphthylene	53.2	0	51.1	ug/L	96		1		70 (40)	130 (141)	20 (20)
2,6-Dinitrotoluene	53.2	0	55.7	ug/L	105		3		70 (43)	130 (148)	20 (20)
3-Nitroaniline	53.2	0	32.5	ug/L	61	*	6		70 (10)	130 (111)	20 (20)
Acenaphthene	53.2	0	52.7	ug/L	99		1		70 (37)	130 (146)	20 (20)
Dibenzofuran	53.2	0	52.6	ug/L	99		2		70 (41)	130 (145)	20 (20)
2,4-Dinitrotoluene	53.2	0	57.4	ug/L	108		7		70 (74)	130 (137)	20 (20)
Diethylphthalate	53.2	0	56.7	ug/L	107		2		70 (41)	130 (148)	20 (20)
4-Chlorophenyl-phenylether	53.2	0	54.1	ug/L	102		1		70 (38)	130 (149)	20 (20)
Fluorene	53.2	0	53.9	ug/L	101		2		70 (39)	130 (144)	20 (20)
4-Nitroaniline	53.2	0	44.3	ug/L	83		8		70 (27)	130 (138)	20 (20)
N-Nitrosodiphenylamine	53.2	0	53.2	ug/L	100		1		70 (40)	130 (150)	20 (20)
4-Bromophenyl-phenylether	53.2	0	56.8	ug/L	107		5		70 (42)	130 (151)	20 (20)
Hexachlorobenzene	53.2	0	55.5	ug/L	104		2		70 (72)	130 (115)	20 (20)
Atrazine	53.2	0	57.4	ug/L	108		3		70 (20)	130 (162)	20 (20)
Phenanthrene	53.2	0	53.6	ug/L	101		2		70 (40)	130 (147)	20 (20)
Anthracene	53.2	0	53.0	ug/L	100		3		70 (41)	130 (146)	20 (20)
Carbazole	53.2	0	54.8	ug/L	103		7		70 (37)	130 (154)	20 (20)
Di-n-butylphthalate	53.2	0	59.9	ug/L	113		1		70 (40)	130 (151)	20 (20)
Fluoranthene	53.2	0	54.9	ug/L	103		7		70 (42)	130 (146)	20 (20)
Pyrene	53.2	0	56.8	ug/L	107		8		70 (41)	130 (149)	20 (20)
Butylbenzylphthalate	53.2	0	63.2	ug/L	119		9		70 (39)	130 (155)	20 (20)
3,3-Dichlorobenzidine	53.2	0	18.2	ug/L	34	*	8		70 (10)	130 (114)	20 (20)
Benzo(a)anthracene	53.2	0	55.1	ug/L	104		1		70 (41)	130 (147)	20 (20)
Chrysene	53.2	0	54.7	ug/L	103		1		70 (44)	130 (144)	20 (20)
bis(2-Ethylhexyl)phthalate	53.2	0	66.5	ug/L	125		13		70 (33)	130 (160)	20 (20)
Di-n-octyl phthalate	53.2	0	64.9	ug/L	122		9		70 (36)	130 (158)	20 (20)
Benzo(b)fluoranthene	53.2	0	56.0	ug/L	105		3		70 (40)	130 (150)	20 (20)

( ) = LABORATORY INHOUSE LIMIT

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2210

Client: G Environmental

Analytical Method: SW8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Benzo(k)fluoranthene	53.2	0	55.1	ug/L	104		2		70 (40)	130 (147)	20 (20)
Benzo(a)pyrene	53.2	0	54.8	ug/L	103		1		70 (42)	130 (147)	20 (20)
Indeno(1,2,3-cd)pyrene	53.2	0	55.3	ug/L	104		4		70 (30)	130 (166)	20 (20)
Dibenz(a,h)anthracene	53.2	0	55.8	ug/L	105		5		70 (23)	130 (172)	20 (20)
Benzo(g,h,i)perylene	53.2	0	54.4	ug/L	102		6		70 (27)	130 (167)	20 (20)
1,2,4,5-Tetrachlorobenzene	53.2	0	48.8	ug/L	92		3		70 (89)	130 (102)	20 (20)
1,4-Dioxane	53.2	0	19.4	ug/L	36		3		20 (38)	160 (130)	20 (20)

( ) = LABORATORY INHOUSE LIMIT

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2210

Client: G Environmental

Analytical Method: 8270E **DataFile:** BP024873.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB168323BS	Benzaldehyde	50	36.0	ug/L	72				20 (10)	160 (162)	
	bis(2-Chloroethyl)ether	50	44.9	ug/L	90				70 (62)	130 (103)	
	2,2-oxybis(1-Chloropropane)	50	43.1	ug/L	86				70 (65)	130 (100)	
	Acetophenone	50	45.2	ug/L	90				70 (60)	130 (104)	
	N-Nitroso-di-n-propylamine	50	41.9	ug/L	84				70 (57)	130 (107)	
	Hexachloroethane	50	43.8	ug/L	88				20 (76)	160 (118)	
	Nitrobenzene	50	46.3	ug/L	93				70 (58)	130 (106)	
	Isophorone	50	43.2	ug/L	86				70 (61)	130 (102)	
	bis(2-Chloroethoxy)methane	50	45.2	ug/L	90				70 (58)	130 (109)	
	Naphthalene	50	45.3	ug/L	91				70 (64)	130 (107)	
	4-Chloroaniline	50	20.3	ug/L	41		*		70 (10)	130 (85)	
	Hexachlorobutadiene	50	44.9	ug/L	90				70 (69)	130 (101)	
	Caprolactam	50	45.7	ug/L	91				20 (58)	160 (128)	
	2-Methylnaphthalene	50	45.0	ug/L	90				70 (64)	130 (107)	
	Hexachlorocyclopentadiene	100	100	ug/L	100				20 (36)	160 (160)	
	1,1-Biphenyl	50	45.8	ug/L	92				70 (72)	130 (98)	
	2-Chloronaphthalene	50	46.2	ug/L	92				70 (59)	130 (106)	
	2-Nitroaniline	50	48.3	ug/L	97				70 (73)	130 (114)	
	Dimethylphthalate	50	44.8	ug/L	90				70 (64)	130 (103)	
	Acenaphthylene	50	45.5	ug/L	91				70 (79)	130 (103)	
	2,6-Dinitrotoluene	50	46.2	ug/L	92				70 (64)	130 (110)	
	3-Nitroaniline	50	25.9	ug/L	52		*		70 (28)	130 (100)	
	Acenaphthene	50	45.2	ug/L	90				70 (59)	130 (113)	
	Dibenzofuran	50	44.3	ug/L	89				70 (65)	130 (106)	
	2,4-Dinitrotoluene	50	47.0	ug/L	94				70 (60)	130 (115)	
	Diethylphthalate	50	44.3	ug/L	89				70 (63)	130 (105)	
	4-Chlorophenyl-phenylether	50	44.1	ug/L	88				70 (61)	130 (104)	
	Fluorene	50	44.7	ug/L	89				70 (64)	130 (107)	
	4-Nitroaniline	50	45.1	ug/L	90				70 (55)	130 (125)	
	N-Nitrosodiphenylamine	50	46.8	ug/L	94				70 (61)	130 (109)	
	4-Bromophenyl-phenylether	50	45.8	ug/L	92				70 (73)	130 (103)	
	Hexachlorobenzene	50	45.6	ug/L	91				70 (73)	130 (106)	
	Atrazine	50	46.7	ug/L	93				70 (76)	130 (120)	
	Phenanthrene	50	45.8	ug/L	92				70 (62)	130 (109)	
	Anthracene	50	46.0	ug/L	92				70 (65)	130 (110)	
	Carbazole	50	47.4	ug/L	95				70 (62)	130 (106)	
	Di-n-butylphthalate	50	46.1	ug/L	92				70 (64)	130 (106)	
	Fluoranthene	50	45.9	ug/L	92				70 (64)	130 (110)	
	Pyrene	50	46.2	ug/L	92				70 (71)	130 (103)	
	Butylbenzylphthalate	50	46.4	ug/L	93				70 (61)	130 (105)	
	3,3-Dichlorobenzidine	50	26.4	ug/L	53		*		70 (43)	130 (108)	
	Benzo(a)anthracene	50	46.6	ug/L	93				70 (62)	130 (107)	
	Chrysene	50	46.4	ug/L	93				70 (61)	130 (108)	
	bis(2-Ethylhexyl)phthalate	50	47.5	ug/L	95				70 (59)	130 (110)	

( ) = LABORATORY INHOUSE LIMIT

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2210

Client: G Environmental

Analytical Method: 8270E **DataFile:** BP024873.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB168323BS	Di-n-octyl phthalate	50	48.1	ug/L	96				70 (52)	130 (139)	
	Benzo(b)fluoranthene	50	47.3	ug/L	95				70 (77)	130 (113)	
	Benzo(k)fluoranthene	50	47.5	ug/L	95				70 (77)	130 (105)	
	Benzo(a)pyrene	50	47.7	ug/L	95				70 (72)	130 (131)	
	Indeno(1,2,3-cd)pyrene	50	47.4	ug/L	95				70 (72)	130 (105)	
	Dibenz(a,h)anthracene	50	47.6	ug/L	95				70 (78)	130 (115)	
	Benzo(g,h,i)perylene	50	47.6	ug/L	95				70 (75)	130 (118)	
	1,2,4,5-Tetrachlorobenzene	50	46.1	ug/L	92				70 (72)	130 (101)	
	1,4-Dioxane	50	36.2	ug/L	72				20 (38)	160 (125)	

( ) = LABORATORY INHOUSE LIMIT

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB168323BL

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2210 SAS No.: Q2210 SDG NO.: Q2210

Lab File ID: BP024872.D Lab Sample ID: PB168323BL

Instrument ID: BNA_P Date Extracted: 06/06/2025

Matrix: (soil/water) Water Date Analyzed: 06/09/2025

Level: (low/med) LOW Time Analyzed: 11:24

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB168323BS	PB168323BS	BP024873.D	06/09/2025
TW1	Q2210-01	BP024874.D	06/09/2025
GW-MW01-060425MS	Q2230-03MS	BP024879.D	06/09/2025
GW-MW01-060425MSD	Q2230-04MSD	BP024880.D	06/09/2025

COMMENTS:

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM SAS No.: Q2210 SDG NO.: Q2210

Lab File ID: BP024859.D DFTPP Injection Date: 06/06/2025

Instrument ID: BNA_P DFTPP Injection Time: 09:49

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	32.2
68	Less than 2.0% of mass 69	0.7 (1.9) 1
69	Mass 69 relative abundance	36.9
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	47.9
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
275	10.0 - 60.0% of mass 198	31.2
365	Greater than 1% of mass 198	4.6
441	Present, but less than mass 443	13.1
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	16.1 (19.2) 2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BP024860.D	06/06/2025	10:30
SSTDICC005	SSTDICC005	BP024861.D	06/06/2025	11:11
SSTDICC010	SSTDICC010	BP024862.D	06/06/2025	11:52
SSTDICC020	SSTDICC020	BP024863.D	06/06/2025	12:33
SSTDICCC040	SSTDICCC040	BP024864.D	06/06/2025	13:14
SSTDICC050	SSTDICC050	BP024865.D	06/06/2025	13:56
SSTDICC060	SSTDICC060	BP024866.D	06/06/2025	14:37
SSTDICC080	SSTDICC080	BP024867.D	06/06/2025	15:18

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM SAS No.: Q2210 SDG NO.: Q2210

Lab File ID: BP024870.D DFTPP Injection Date: 06/09/2025

Instrument ID: BNA_P DFTPP Injection Time: 10:03

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	33.2
68	Less than 2.0% of mass 69	0.6 (1.7) 1
69	Mass 69 relative abundance	37.7
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	48.1
197	Less than 2.0% of mass 198	0.1
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	30.7
365	Greater than 1% of mass 198	4.3
441	Present, but less than mass 443	11.6
442	Greater than 50% of mass 198	100.5
443	15.0 - 24.0% of mass 442	14.5 (19.2) 2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BP024871.D	06/09/2025	10:44
PB168323BL	PB168323BL	BP024872.D	06/09/2025	11:24
PB168323BS	PB168323BS	BP024873.D	06/09/2025	12:05
TW1	Q2210-01	BP024874.D	06/09/2025	12:50
GW-MW01-060425MS	Q2230-03MS	BP024879.D	06/09/2025	16:14
GW-MW01-060425MSD	Q2230-04MSD	BP024880.D	06/09/2025	16:55

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q2210 SAS No.: Q2210 SDG NO.: Q2210

EPA Sample No.: SSTDCCC040 Date Analyzed: 06/09/2025

Lab File ID: BP024871.D Time Analyzed: 10:44

Instrument ID: BNA_P GC Column: ZB-GR ID: 0.25 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	255229	7.608	1115940	10.38	722087	14.24
	UPPER LIMIT	510458	8.108	2231880	10.878	1444170	14.742
	LOWER LIMIT	127615	7.108	557970	9.878	361044	13.742
	EPA SAMPLE NO.						
01	PB168323BL	278652	7.61	1083870	10.38	655689	14.25
02	PB168323BS	251786	7.61	1016040	10.38	628283	14.25
03	TW1	152557	7.61	617882	10.37	395301	14.24
04	GW-MW01-060425MS	226271	7.61	937705	10.37	608220	14.25
05	GW-MW01-060425MSD	335961	7.61	1346860	10.38	841053	14.25

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q2210 SAS No.: Q2210 SDG NO.: Q2210

EPA Sample No.: SSTDCCC040 Date Analyzed: 06/09/2025

Lab File ID: BP024871.D Time Analyzed: 10:44

Instrument ID: BNA_P GC Column: ZB-GR ID: 0.25 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	1406330	17.048	1456980	21.477	1778910	24.724
	UPPER LIMIT	2812660	17.548	2913960	21.977	3557820	25.224
	LOWER LIMIT	703165	16.548	728490	20.977	889455	24.224
	EPA SAMPLE NO.						
01	PB168323BL	1268480	17.07	1277130	21.49	1472670	24.73
02	PB168323BS	1189380	17.06	1268870	21.48	1547950	24.72
03	TW1	788461	17.05	1056540	21.48	1470570	24.71
04	GW-MW01-060425MS	1235200	17.04	1490400	21.47	1839740	24.71
05	GW-MW01-060425MSD	1657670	17.04	1681540	21.48	1927040	24.73

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

QC SAMPLE DATA

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Stockton	Date Received:	
Client Sample ID:	PB168323BL	SDG No.:	Q2210
Lab Sample ID:	PB168323BL	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024872.D	1	06/06/25 08:35	06/09/25 11:24	PB168323

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	3.90	U	3.90	10.0	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.81	U	0.81	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1.30	5.00	ug/L
98-86-2	Acetophenone	0.74	U	0.74	5.00	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.40	U	1.40	2.50	ug/L
67-72-1	Hexachloroethane	0.65	U	0.65	5.00	ug/L
98-95-3	Nitrobenzene	0.76	U	0.76	5.00	ug/L
78-59-1	Isophorone	0.75	U	0.75	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	0.68	U	0.68	5.00	ug/L
91-20-3	Naphthalene	0.50	U	0.50	5.00	ug/L
106-47-8	4-Chloroaniline	0.84	U	0.84	5.00	ug/L
87-68-3	Hexachlorobutadiene	0.54	U	0.54	5.00	ug/L
105-60-2	Caprolactam	1.10	U	1.10	10.0	ug/L
91-57-6	2-Methylnaphthalene	0.56	U	0.56	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	3.60	U	3.60	10.0	ug/L
92-52-4	1,1-Biphenyl	0.53	U	0.53	5.00	ug/L
91-58-7	2-Chloronaphthalene	0.61	U	0.61	5.00	ug/L
88-74-4	2-Nitroaniline	1.30	U	1.30	5.00	ug/L
131-11-3	Dimethylphthalate	0.61	U	0.61	5.00	ug/L
208-96-8	Acenaphthylene	0.75	U	0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	0.92	U	0.92	5.00	ug/L
99-09-2	3-Nitroaniline	1.10	U	1.10	5.00	ug/L
83-32-9	Acenaphthene	0.55	U	0.55	5.00	ug/L
132-64-9	Dibenzofuran	0.61	U	0.61	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	1.20	U	1.20	5.00	ug/L
84-66-2	Diethylphthalate	0.69	U	0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.68	U	0.68	5.00	ug/L
86-73-7	Fluorene	0.63	U	0.63	5.00	ug/L
100-01-6	4-Nitroaniline	1.50	U	1.50	5.00	ug/L

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Stockton			Date Received:	
Client Sample ID:	PB168323BL			SDG No.:	Q2210
Lab Sample ID:	PB168323BL			Matrix:	Water
Analytical Method:	8270E			% Solid:	0
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group1
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024872.D	1	06/06/25 08:35	06/09/25 11:24	PB168323

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
86-30-6	n-Nitrosodiphenylamine	0.58	U	0.58	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	0.40	U	0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	0.52	U	0.52	5.00	ug/L
1912-24-9	Atrazine	1.00	U	1.00	5.00	ug/L
85-01-8	Phenanthrene	0.50	U	0.50	5.00	ug/L
120-12-7	Anthracene	0.61	U	0.61	5.00	ug/L
86-74-8	Carbazole	0.72	U	0.72	5.00	ug/L
84-74-2	Di-n-butylphthalate	1.20	U	1.20	5.00	ug/L
206-44-0	Fluoranthene	0.82	U	0.82	5.00	ug/L
129-00-0	Pyrene	0.50	U	0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	1.90	U	1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	0.93	U	0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	0.45	U	0.45	5.00	ug/L
218-01-9	Chrysene	0.44	U	0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.60	U	1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	2.30	U	2.30	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	0.49	U	0.49	5.00	ug/L
207-08-9	Benzo(k)fluoranthene	0.48	U	0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	0.55	U	0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.59	U	0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.67	U	0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	0.69	U	0.69	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.52	U	0.52	5.00	ug/L
123-91-1	1,4-Dioxane	1.00	U	1.00	5.00	ug/L
SURROGATES						
4165-60-0	Nitrobenzene-d5	85.2		30 (67) - 130 (132)	85%	SPK: 100
321-60-8	2-Fluorobiphenyl	84.3		30 (52) - 130 (132)	84%	SPK: 100
1718-51-0	Terphenyl-d14	90.1		30 (42) - 130 (152)	90%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	279000	7.608			

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Stockton			Date Received:	
Client Sample ID:	PB168323BL			SDG No.:	Q2210
Lab Sample ID:	PB168323BL			Matrix:	Water
Analytical Method:	8270E			% Solid:	0
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group1
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024872.D	1	06/06/25 08:35	06/09/25 11:24	PB168323

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1146-65-2	Naphthalene-d8	1080000	10.378			
15067-26-2	Acenaphthene-d10	656000	14.248			
1517-22-2	Phenanthrene-d10	1270000	17.066			
1719-03-5	Chrysene-d12	1280000	21.489			
1520-96-3	Perylene-d12	1470000	24.73			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	8.90	A		4.78	ug/L

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Stockton	Date Received:	
Client Sample ID:	PB168323BS	SDG No.:	Q2210
Lab Sample ID:	PB168323BS	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024873.D	1	06/06/25 08:35	06/09/25 12:05	PB168323

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	36.0		3.90	10.0	ug/L
111-44-4	bis(2-Chloroethyl)ether	44.9		0.81	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	43.1		1.30	5.00	ug/L
98-86-2	Acetophenone	45.2		0.74	5.00	ug/L
621-64-7	n-Nitroso-di-n-propylamine	41.9		1.40	2.50	ug/L
67-72-1	Hexachloroethane	43.8		0.65	5.00	ug/L
98-95-3	Nitrobenzene	46.3		0.76	5.00	ug/L
78-59-1	Isophorone	43.2		0.75	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	45.2		0.68	5.00	ug/L
91-20-3	Naphthalene	45.3		0.50	5.00	ug/L
106-47-8	4-Chloroaniline	20.3		0.84	5.00	ug/L
87-68-3	Hexachlorobutadiene	44.9		0.54	5.00	ug/L
105-60-2	Caprolactam	45.7		1.10	10.0	ug/L
91-57-6	2-Methylnaphthalene	45.0		0.56	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	100	E	3.60	10.0	ug/L
92-52-4	1,1-Biphenyl	45.8		0.53	5.00	ug/L
91-58-7	2-Chloronaphthalene	46.2		0.61	5.00	ug/L
88-74-4	2-Nitroaniline	48.3		1.30	5.00	ug/L
131-11-3	Dimethylphthalate	44.8		0.61	5.00	ug/L
208-96-8	Acenaphthylene	45.5		0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	46.2		0.92	5.00	ug/L
99-09-2	3-Nitroaniline	25.9		1.10	5.00	ug/L
83-32-9	Acenaphthene	45.2		0.55	5.00	ug/L
132-64-9	Dibenzofuran	44.3		0.61	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	47.0		1.20	5.00	ug/L
84-66-2	Diethylphthalate	44.3		0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	44.1		0.68	5.00	ug/L
86-73-7	Fluorene	44.7		0.63	5.00	ug/L
100-01-6	4-Nitroaniline	45.1		1.50	5.00	ug/L

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Stockton	Date Received:	
Client Sample ID:	PB168323BS	SDG No.:	Q2210
Lab Sample ID:	PB168323BS	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024873.D	1	06/06/25 08:35	06/09/25 12:05	PB168323

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
86-30-6	n-Nitrosodiphenylamine	46.8		0.58	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	45.8		0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	45.6		0.52	5.00	ug/L
1912-24-9	Atrazine	46.7		1.00	5.00	ug/L
85-01-8	Phenanthrene	45.8		0.50	5.00	ug/L
120-12-7	Anthracene	46.0		0.61	5.00	ug/L
86-74-8	Carbazole	47.4		0.72	5.00	ug/L
84-74-2	Di-n-butylphthalate	46.1		1.20	5.00	ug/L
206-44-0	Fluoranthene	45.9		0.82	5.00	ug/L
129-00-0	Pyrene	46.2		0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	46.4		1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	26.4		0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	46.6		0.45	5.00	ug/L
218-01-9	Chrysene	46.4		0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	47.5		1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	48.1		2.30	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	47.3		0.49	5.00	ug/L
207-08-9	Benzo(k)fluoranthene	47.5		0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	47.7		0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	47.4		0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	47.6		0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	47.6		0.69	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	46.1		0.52	5.00	ug/L
123-91-1	1,4-Dioxane	36.2		1.00	5.00	ug/L
SURROGATES						
4165-60-0	Nitrobenzene-d5	79.4		30 (67) - 130 (132)	79%	SPK: 100
321-60-8	2-Fluorobiphenyl	77.9		30 (52) - 130 (132)	78%	SPK: 100
1718-51-0	Terphenyl-d14	79.2		30 (42) - 130 (152)	79%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	252000	7.608			

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Stockton			Date Received:	
Client Sample ID:	PB168323BS			SDG No.:	Q2210
Lab Sample ID:	PB168323BS			Matrix:	Water
Analytical Method:	8270E			% Solid:	0
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group1
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :	SW3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024873.D	1	06/06/25 08:35	06/09/25 12:05	PB168323

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1146-65-2	Naphthalene-d8	1020000	10.378			
15067-26-2	Acenaphthene-d10	628000	14.248			
1517-22-2	Phenanthrene-d10	1190000	17.06			
1719-03-5	Chrysene-d12	1270000	21.483			
1520-96-3	Perylene-d12	1550000	24.724			

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	06/04/25
Project:	Stockton	Date Received:	06/04/25
Client Sample ID:	GW-MW01-060425MS	SDG No.:	Q2210
Lab Sample ID:	Q2230-03MS	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	960 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024879.D	1	06/06/25 08:35	06/09/25 16:14	PB168323

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	39.6		4.10	10.4	ug/L
111-44-4	bis(2-Chloroethyl)ether	51.3		0.84	5.20	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	44.9		1.30	5.20	ug/L
98-86-2	Acetophenone	55.9		0.77	5.20	ug/L
621-64-7	n-Nitroso-di-n-propylamine	50.4		1.50	2.60	ug/L
67-72-1	Hexachloroethane	24.9		0.68	5.20	ug/L
98-95-3	Nitrobenzene	54.9		0.79	5.20	ug/L
78-59-1	Isophorone	51.6		0.78	5.20	ug/L
111-91-1	bis(2-Chloroethoxy)methane	52.2		0.71	5.20	ug/L
91-20-3	Naphthalene	42.7		0.52	5.20	ug/L
106-47-8	4-Chloroaniline	31.4		0.88	5.20	ug/L
87-68-3	Hexachlorobutadiene	28.9		0.56	5.20	ug/L
105-60-2	Caprolactam	11.7		1.20	10.4	ug/L
91-57-6	2-Methylnaphthalene	48.7		0.58	5.20	ug/L
77-47-4	Hexachlorocyclopentadiene	62.8		3.80	10.4	ug/L
92-52-4	1,1-Biphenyl	50.2		0.55	5.20	ug/L
91-58-7	2-Chloronaphthalene	48.7		0.64	5.20	ug/L
88-74-4	2-Nitroaniline	51.3		1.30	5.20	ug/L
131-11-3	Dimethylphthalate	54.0		0.64	5.20	ug/L
208-96-8	Acenaphthylene	50.7		0.78	5.20	ug/L
606-20-2	2,6-Dinitrotoluene	56.1		0.96	5.20	ug/L
99-09-2	3-Nitroaniline	33.9		1.10	5.20	ug/L
83-32-9	Acenaphthene	52.1		0.57	5.20	ug/L
132-64-9	Dibenzofuran	52.6		0.64	5.20	ug/L
121-14-2	2,4-Dinitrotoluene	60.2		1.30	5.20	ug/L
84-66-2	Diethylphthalate	56.7		0.72	5.20	ug/L
7005-72-3	4-Chlorophenyl-phenylether	53.6		0.71	5.20	ug/L
86-73-7	Fluorene	53.8		0.66	5.20	ug/L
100-01-6	4-Nitroaniline	47.0		1.60	5.20	ug/L

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	06/04/25
Project:	Stockton	Date Received:	06/04/25
Client Sample ID:	GW-MW01-060425MS	SDG No.:	Q2210
Lab Sample ID:	Q2230-03MS	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	960 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024879.D	1	06/06/25 08:35	06/09/25 16:14	PB168323

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
86-30-6	n-Nitrosodiphenylamine	52.4		0.60	5.20	ug/L
101-55-3	4-Bromophenyl-phenylether	53.0		0.42	5.20	ug/L
118-74-1	Hexachlorobenzene	53.4		0.54	5.20	ug/L
1912-24-9	Atrazine	57.8		1.10	5.20	ug/L
85-01-8	Phenanthrene	53.7		0.52	5.20	ug/L
120-12-7	Anthracene	53.8		0.64	5.20	ug/L
86-74-8	Carbazole	57.9		0.75	5.20	ug/L
84-74-2	Di-n-butylphthalate	58.4		1.30	5.20	ug/L
206-44-0	Fluoranthene	57.7		0.85	5.20	ug/L
129-00-0	Pyrene	51.4		0.52	5.20	ug/L
85-68-7	Butylbenzylphthalate	56.8		2.00	5.20	ug/L
91-94-1	3,3-Dichlorobenzidine	19.1		0.97	10.4	ug/L
56-55-3	Benzo(a)anthracene	54.6		0.47	5.20	ug/L
218-01-9	Chrysene	53.4		0.46	5.20	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	57.3		1.70	5.20	ug/L
117-84-0	Di-n-octyl phthalate	58.4		2.40	10.4	ug/L
205-99-2	Benzo(b)fluoranthene	56.2		0.51	5.20	ug/L
207-08-9	Benzo(k)fluoranthene	53.1		0.50	5.20	ug/L
50-32-8	Benzo(a)pyrene	54.1		0.57	5.20	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	56.3		0.61	5.20	ug/L
53-70-3	Dibenzo(a,h)anthracene	57.5		0.70	5.20	ug/L
191-24-2	Benzo(g,h,i)perylene	56.4		0.72	5.20	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	46.6		0.54	5.20	ug/L
123-91-1	1,4-Dioxane	18.1		1.00	5.20	ug/L
SURROGATES						
4165-60-0	Nitrobenzene-d5	90.5		30 (67) - 130 (132)	91%	SPK: 100
321-60-8	2-Fluorobiphenyl	85.6		30 (52) - 130 (132)	86%	SPK: 100
1718-51-0	Terphenyl-d14	80.4		30 (42) - 130 (152)	80%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	226000	7.608			

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	06/04/25
Project:	Stockton	Date Received:	06/04/25
Client Sample ID:	GW-MW01-060425MS	SDG No.:	Q2210
Lab Sample ID:	Q2230-03MS	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	960 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024879.D	1	06/06/25 08:35	06/09/25 16:14	PB168323

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1146-65-2	Naphthalene-d8	938000	10.372			
15067-26-2	Acenaphthene-d10	608000	14.248			
1517-22-2	Phenanthrene-d10	1240000	17.042			
1719-03-5	Chrysene-d12	1490000	21.471			
1520-96-3	Perylene-d12	1840000	24.713			

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	06/04/25
Project:	Stockton	Date Received:	06/04/25
Client Sample ID:	GW-MW01-060425MSD	SDG No.:	Q2210
Lab Sample ID:	Q2230-04MSD	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	940 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024880.D	1	06/06/25 08:35	06/09/25 16:55	PB168323

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	38.8		4.20	10.6	ug/L
111-44-4	bis(2-Chloroethyl)ether	50.2		0.86	5.30	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	44.5		1.40	5.30	ug/L
98-86-2	Acetophenone	55.5		0.79	5.30	ug/L
621-64-7	n-Nitroso-di-n-propylamine	48.1		1.50	2.70	ug/L
67-72-1	Hexachloroethane	24.9		0.69	5.30	ug/L
98-95-3	Nitrobenzene	54.8		0.81	5.30	ug/L
78-59-1	Isophorone	51.1		0.80	5.30	ug/L
111-91-1	bis(2-Chloroethoxy)methane	52.7		0.72	5.30	ug/L
91-20-3	Naphthalene	42.1		0.53	5.30	ug/L
106-47-8	4-Chloroaniline	28.9		0.89	5.30	ug/L
87-68-3	Hexachlorobutadiene	30.1		0.57	5.30	ug/L
105-60-2	Caprolactam	10.8		1.20	10.6	ug/L
91-57-6	2-Methylnaphthalene	48.6		0.60	5.30	ug/L
77-47-4	Hexachlorocyclopentadiene	70.7		3.90	10.6	ug/L
92-52-4	1,1-Biphenyl	52.0		0.56	5.30	ug/L
91-58-7	2-Chloronaphthalene	50.5		0.65	5.30	ug/L
88-74-4	2-Nitroaniline	49.4		1.30	5.30	ug/L
131-11-3	Dimethylphthalate	53.9		0.65	5.30	ug/L
208-96-8	Acenaphthylene	51.1		0.80	5.30	ug/L
606-20-2	2,6-Dinitrotoluene	55.7		0.98	5.30	ug/L
99-09-2	3-Nitroaniline	32.5		1.10	5.30	ug/L
83-32-9	Acenaphthene	52.7		0.59	5.30	ug/L
132-64-9	Dibenzofuran	52.6		0.65	5.30	ug/L
121-14-2	2,4-Dinitrotoluene	57.4		1.30	5.30	ug/L
84-66-2	Diethylphthalate	56.7		0.73	5.30	ug/L
7005-72-3	4-Chlorophenyl-phenylether	54.1		0.72	5.30	ug/L
86-73-7	Fluorene	53.9		0.67	5.30	ug/L
100-01-6	4-Nitroaniline	44.3		1.60	5.30	ug/L

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	06/04/25
Project:	Stockton	Date Received:	06/04/25
Client Sample ID:	GW-MW01-060425MSD	SDG No.:	Q2210
Lab Sample ID:	Q2230-04MSD	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	940 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024880.D	1	06/06/25 08:35	06/09/25 16:55	PB168323

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
86-30-6	n-Nitrosodiphenylamine	53.2		0.62	5.30	ug/L
101-55-3	4-Bromophenyl-phenylether	56.8		0.43	5.30	ug/L
118-74-1	Hexachlorobenzene	55.5		0.55	5.30	ug/L
1912-24-9	Atrazine	57.4		1.10	5.30	ug/L
85-01-8	Phenanthrene	53.6		0.53	5.30	ug/L
120-12-7	Anthracene	53.0		0.65	5.30	ug/L
86-74-8	Carbazole	54.8		0.77	5.30	ug/L
84-74-2	Di-n-butylphthalate	59.9		1.30	5.30	ug/L
206-44-0	Fluoranthene	54.9		0.87	5.30	ug/L
129-00-0	Pyrene	56.8		0.53	5.30	ug/L
85-68-7	Butylbenzylphthalate	63.2		2.10	5.30	ug/L
91-94-1	3,3-Dichlorobenzidine	18.2		0.99	10.6	ug/L
56-55-3	Benzo(a)anthracene	55.1		0.48	5.30	ug/L
218-01-9	Chrysene	54.7		0.47	5.30	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	66.5		1.70	5.30	ug/L
117-84-0	Di-n-octyl phthalate	64.9		2.50	10.6	ug/L
205-99-2	Benzo(b)fluoranthene	56.0		0.52	5.30	ug/L
207-08-9	Benzo(k)fluoranthene	55.1		0.51	5.30	ug/L
50-32-8	Benzo(a)pyrene	54.8		0.59	5.30	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	55.3		0.63	5.30	ug/L
53-70-3	Dibenzo(a,h)anthracene	55.8		0.71	5.30	ug/L
191-24-2	Benzo(g,h,i)perylene	54.4		0.73	5.30	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	48.8		0.55	5.30	ug/L
123-91-1	1,4-Dioxane	19.4		1.10	5.30	ug/L
SURROGATES						
4165-60-0	Nitrobenzene-d5	88.0		30 (67) - 130 (132)	88%	SPK: 100
321-60-8	2-Fluorobiphenyl	85.9		30 (52) - 130 (132)	86%	SPK: 100
1718-51-0	Terphenyl-d14	89.3		30 (42) - 130 (152)	89%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	336000	7.608			

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	06/04/25
Project:	Stockton	Date Received:	06/04/25
Client Sample ID:	GW-MW01-060425MSD	SDG No.:	Q2210
Lab Sample ID:	Q2230-04MSD	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	940 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024880.D	1	06/06/25 08:35	06/09/25 16:55	PB168323

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1146-65-2	Naphthalene-d8	1350000	10.378			
15067-26-2	Acenaphthene-d10	841000	14.248			
1517-22-2	Phenanthrene-d10	1660000	17.042			
1719-03-5	Chrysene-d12	1680000	21.477			
1520-96-3	Perylene-d12	1930000	24.73			

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

CALIBRATION SUMMARY

Response Factor Report MSBNA_P

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP060625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Fri Jun 06 16:20:27 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BP024860.D 5 =BP024861.D 10 =BP024862.D 20 =BP024863.D 40 =BP024864.D 50 =BP024865.D 60 =BP024866.D 80 =BP0248
67.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------	ISTD	----------							
2)		1,4-Dioxane		0.564	0.529	0.524	0.495	0.546	0.515	0.517	0.527	4.21
3)		Pyridine		1.151	1.183	1.265	1.226	1.370	1.367	1.315	1.268	6.84
4)		n-Nitrosodimet...			0.478	0.509	0.502	0.542	0.554	0.525	0.518	5.36
5)	S	2-Fluorophenol		1.127	1.139	1.207	1.163	1.283	1.253	1.215	1.198	4.85
6)		Aniline		1.917	1.892	2.016	1.978	2.145	2.182	2.031	2.023	5.37
7)	S	Phenol-d6		1.507	1.528	1.588	1.545	1.676	1.689	1.564	1.585	4.49
8)		2-Chlorophenol		1.336	1.290	1.346	1.314	1.453	1.422	1.348	1.358	4.29
9)		Benzaldehyde			1.038	1.071	0.873	0.985	0.869	0.646	0.914	16.98
10)	C	Phenol		1.560	1.564	1.616	1.587	1.725	1.759	1.629	1.634	4.78
11)		bis(2-Chloroet...		1.222	1.277	1.334	1.234	1.363	1.322	1.246	1.285	4.26
12)		1,3-Dichlorobe...		1.570	1.515	1.537	1.425	1.571	1.519	1.471	1.515	3.49
13)	C	1,4-Dichlorobe...		1.596	1.507	1.535	1.439	1.604	1.534	1.488	1.529	3.82
14)		1,2-Dichlorobe...		1.529	1.637	1.488	1.401	1.540	1.492	1.422	1.501	5.25
15)		Benzyl Alcohol			1.137	1.185	1.170	1.289	1.309	1.211	1.217	5.63
16)		2,2'-oxybis(1-...		1.748	1.732	1.722	1.583	1.751	1.667	1.574	1.682	4.54
17)		2-Methylphenol		1.053	1.149	1.138	1.106	1.210	1.211	1.121	1.141	4.94
18)		Hexachloroethane		0.591	0.565	0.581	0.545	0.611	0.574	0.562	0.576	3.73
19)	P	n-Nitroso-di-n...	0.984	1.101	1.105	1.107	1.043	1.141	1.113	1.029	1.078	4.93
20)		3+4-Methylphenols			1.507	1.548	1.493	1.631	1.648	1.515	1.557	4.29
21)	I	Naphthalene-d8	----------	ISTD	----------							
22)		Acetophenone		0.506	0.521	0.511	0.491	0.535	0.510	0.463	0.505	4.58
23)	S	Nitrobenzene-d5		0.407	0.397	0.423	0.404	0.444	0.423	0.383	0.412	4.89
24)		Nitrobenzene		0.366	0.351	0.375	0.360	0.392	0.376	0.339	0.366	4.81
25)		Isophorone		0.704	0.678	0.724	0.694	0.764	0.726	0.704	0.713	3.91
26)	C	2-Nitrophenol		0.154	0.157	0.178	0.180	0.201	0.195	0.198	0.180	10.62
27)		2,4-Dimethylph...		0.294	0.286	0.310	0.303	0.331	0.320	0.318	0.309	5.12
28)		bis(2-Chloroet...		0.414	0.408	0.438	0.414	0.465	0.423	0.416	0.426	4.70
29)	C	2,4-Dichloroph...		0.246	0.272	0.300	0.292	0.327	0.313	0.323	0.296	9.81
30)		1,2,4-Trichlor...		0.335	0.319	0.335	0.317	0.352	0.330	0.351	0.334	4.16
31)		Naphthalene		1.071	1.022	1.044	0.989	1.079	1.035	0.935	1.025	4.86
32)		Benzoic acid			0.159	0.181	0.204	0.230	0.235	0.243	0.209	16.01
33)		4-Chloroaniline		0.397	0.401	0.435	0.426	0.471	0.463	0.414	0.429	6.72
34)	C	Hexachlorobuta...		0.203	0.199	0.208	0.194	0.218	0.198	0.189	0.201	4.76
35)		Caprolactam			0.098	0.109	0.110	0.118	0.116	0.104	0.109	6.91
36)	C	4-Chloro-3-met...		0.312	0.322	0.351	0.341	0.374	0.363	0.329	0.342	6.58
37)		2-Methylnaphth...		0.659	0.638	0.659	0.633	0.696	0.664	0.602	0.650	4.54
38)		1-Methylnaphth...		0.720	0.680	0.718	0.671	0.741	0.693	0.643	0.695	4.86

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP060625.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.568	0.561	0.568	0.538	0.601	0.574	0.562	0.568	3.31
41)	P	Hexachlorocycl...		0.259	0.315	0.337	0.404	0.369	0.394	0.346	15.74
42)	S	2,4,6-Tribromo...	0.256	0.264	0.279	0.267	0.298	0.286	0.285	0.277	5.26
43)	C	2,4,6-Trichlor...	0.342	0.352	0.386	0.375	0.411	0.404	0.396	0.381	6.86
44)		2,4,5-Trichlor...	0.349	0.379	0.414	0.405	0.448	0.436	0.426	0.408	8.44
45)	S	2-Fluorobiphenyl	1.542	1.507	1.517	1.390	1.563	1.464	1.409	1.485	4.44
46)		1,1'-Biphenyl	1.477	1.456	1.485	1.386	1.509	1.458	1.403	1.453	3.05
47)		2-Chloronaphth...	1.123	1.104	1.135	1.069	1.171	1.136	1.081	1.117	3.16
48)		2-Nitroaniline	0.289	0.324	0.344	0.346	0.371	0.374	0.355	0.343	8.59
49)		Acenaphthylene	1.880	1.851	1.892	1.768	1.939	1.904	1.805	1.863	3.19
50)		Dimethylphthalate	1.515	1.450	1.501	1.400	1.550	1.473	1.438	1.475	3.45
51)		2,6-Dinitrotol...	0.299	0.301	0.326	0.312	0.339	0.333	0.317	0.318	4.86
52)	C	Acenaphthene	1.106	1.064	1.090	1.020	1.087	1.069	1.036	1.067	2.86
53)		3-Nitroaniline	0.263	0.292	0.337	0.338	0.367	0.364	0.349	0.330	11.74
54)	P	2,4-Dinitrophenol		0.117	0.155	0.179	0.203	0.208	0.205	0.178	20.23
55)		Dibenzofuran	1.815	1.721	1.756	1.627	1.757	1.702	1.615	1.713	4.22
56)	P	4-Nitrophenol		0.142	0.213	0.248	0.276	0.281	0.275	0.239	22.62
57)		2,4-Dinitrotol...	0.390	0.416	0.457	0.437	0.487	0.470	0.458	0.445	7.45
58)		Fluorene	1.437	1.394	1.420	1.304	1.434	1.370	1.329	1.384	3.77
59)		2,3,4,6-Tetrac...	0.343	0.350	0.360	0.354	0.395	0.381	0.370	0.365	5.04
60)		Diethylphthalate	1.501	1.474	1.487	1.393	1.545	1.444	1.449	1.470	3.27
61)		4-Chlorophenyl...	0.711	0.668	0.689	0.637	0.709	0.665	0.658	0.677	4.06
62)		4-Nitroaniline	0.239	0.235	0.307	0.311	0.336	0.333	0.334	0.299	14.69
63)		Azobenzene	1.346	1.334	1.394	1.300	1.425	1.335	1.307	1.349	3.37
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.102	0.125	0.130	0.147	0.143	0.142	0.131	12.78
66)	c	n-Nitrosodiphe...	0.627	0.608	0.633	0.597	0.659	0.622	0.594	0.620	3.68
67)		4-Bromophenyl-...	0.224	0.215	0.226	0.213	0.246	0.229	0.226	0.226	4.83
68)		Hexachlorobenzene	0.278	0.268	0.272	0.260	0.290	0.275	0.272	0.274	3.31
69)		Atrazine	0.213	0.212	0.231	0.217	0.244	0.228	0.228	0.225	5.16
70)	C	Pentachlorophenol		0.105	0.131	0.139	0.162	0.153	0.159	0.142	15.21
71)		Phenanthrene	1.158	1.108	1.110	1.056	1.161	1.102	1.041	1.105	4.12
72)		Anthracene	1.129	1.093	1.137	1.072	1.188	1.133	1.083	1.119	3.58
73)		Carbazole	1.023	1.013	1.057	0.998	1.112	1.052	1.007	1.038	3.83
74)		Di-n-butylphth...	1.178	1.245	1.326	1.272	1.421	1.273	1.284	1.285	5.81
75)	C	Fluoranthene	1.300	1.287	1.307	1.223	1.344	1.268	1.238	1.281	3.25
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.512	0.669	0.653	0.690	0.663	0.529	0.619	12.54
78)		Pyrene	1.307	1.195	1.261	1.184	1.322	1.272	1.206	1.249	4.41
79)	S	Terphenyl-d14	1.178	1.073	1.146	1.089	1.164	1.120	1.039	1.116	4.57
80)		Butylbenzylpht...	0.508	0.529	0.581	0.561	0.641	0.596	0.589	0.572	7.74
81)		Benzo(a)anthra...	1.312	1.234	1.288	1.219	1.347	1.310	1.243	1.279	3.73
82)		3,3'-Dichlorob...		0.468	0.513	0.493	0.542	0.531	0.501	0.508	5.29
83)		Chrysene	1.252	1.174	1.229	1.144	1.279	1.238	1.168	1.212	4.13
84)		Bis(2-ethylhex...	0.715	0.780	0.846	0.797	0.921	0.831	0.850	0.820	7.87
85)	c	Di-n-octyl pht...		1.320	1.438	1.384	1.587	1.470	1.473	1.445	6.25

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP060625.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.427	1.402	1.469	1.412	1.559	1.510	1.436	1.459	3.92
88)		Benzo(b)fluora...	1.103	1.104	1.133	1.127	1.232	1.180	1.133	1.145	4.06
89)		Benzo(k)fluora...	1.165	1.144	1.180	1.106	1.259	1.158	1.144	1.165	4.05
90)	C	Benzo(a)pyrene	1.096	1.069	1.127	1.070	1.214	1.136	1.113	1.118	4.46
91)		Dibenzo(a,h)an...	1.151	1.143	1.202	1.143	1.279	1.224	1.172	1.188	4.25
92)		Benzo(g,h,i)pe...	1.172	1.127	1.183	1.136	1.261	1.214	1.157	1.179	3.95

(#) = Out of Range

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2210 SAS No.: Q2210 SDG No.: Q2210

Instrument ID: BNA_P Calibration Date/Time: 06/09/2025 10:44

Lab File ID: BP024871.D Init. Calib. Date(s): 06/06/2025 06/06/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 10:30 15:18

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.198	1.175		-1.9	
Benzaldehyde	0.914	0.893		-2.3	
Phenol-d6	1.585	1.601		1.0	
bis(2-Chloroethyl)ether	1.285	1.280		-0.4	
2,2-oxybis(1-Chloropropane)	1.682	1.631		-3.0	
Acetophenone	0.505	0.492		-2.6	
n-Nitroso-di-n-propylamine	1.078	1.088	0.050	0.9	
Nitrobenzene-d5	0.412	0.405		-1.7	
Hexachloroethane	0.576	0.542		-5.9	
Nitrobenzene	0.366	0.359		-1.9	
Isophorone	0.713	0.693		-2.8	
bis(2-Chloroethoxy)methane	0.426	0.409		-4.0	
Naphthalene	1.025	0.984		-4.0	
4-Chloroaniline	0.429	0.434		1.2	
Hexachlorobutadiene	0.201	0.187		-7.0	20.0
Caprolactam	0.109	0.112		2.8	
2-Methylnaphthalene	0.650	0.642		-1.2	
Hexachlorocyclopentadiene	0.346	0.332	0.050	-4.0	
2-Fluorobiphenyl	1.485	1.394		-6.1	
1,1-Biphenyl	1.453	1.381		-5.0	
2-Chloronaphthalene	1.117	1.069		-4.3	
2-Nitroaniline	0.343	0.351		2.3	
Dimethylphthalate	1.475	1.400		-5.1	
Acenaphthylene	1.863	1.770		-5.0	
2,6-Dinitrotoluene	0.318	0.308		-3.1	
3-Nitroaniline	0.330	0.343		3.9	
Acenaphthene	1.067	1.029		-3.6	20.0
Dibenzofuran	1.713	1.630		-4.8	
2,4-Dinitrotoluene	0.445	0.443		-0.4	
Diethylphthalate	1.470	1.395		-5.1	
4-Chlorophenyl-phenylether	0.677	0.627		-7.4	
Fluorene	1.384	1.326		-4.2	
4-Nitroaniline	0.299	0.327		9.4	
n-Nitrosodiphenylamine	0.620	0.596		-3.9	20.0
2,4,6-Tribromophenol	0.277	0.273		-1.4	
4-Bromophenyl-phenylether	0.226	0.216		-4.4	
Hexachlorobenzene	0.274	0.261		-4.7	
Atrazine	0.225	0.214		-4.9	
Phenanthrene	1.105	1.056		-4.4	

Form VII SV-1

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2210 SAS No.: Q2210 SDG No.: Q2210

Instrument ID: BNA_P Calibration Date/Time: 06/09/2025 10:44

Lab File ID: BP024871.D Init. Calib. Date(s): 06/06/2025 06/06/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 10:30 15:18

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Anthracene	1.119	1.067		-4.6	
Carbazole	1.038	1.005		-3.2	
Di-n-butylphthalate	1.285	1.195		-7.0	
Fluoranthene	1.281	1.200		-6.3	20.0
Pyrene	1.249	1.182		-5.4	
Terphenyl-d14	1.116	1.046		-6.3	
Butylbenzylphthalate	0.572	0.544		-4.9	
3,3-Dichlorobenzidine	0.508	0.491		-3.3	
Benzo(a)anthracene	1.279	1.229		-3.9	
Chrysene	1.212	1.154		-4.8	
Bis(2-ethylhexyl)phthalate	0.820	0.772		-5.9	
Di-n-octyl phthalate	1.445	1.351		-6.5	20.0
Benzo(b)fluoranthene	1.145	1.096		-4.3	
Benzo(k)fluoranthene	1.165	1.086		-6.8	
Benzo(a)pyrene	1.118	1.057		-5.5	20.0
Indeno(1,2,3-cd)pyrene	1.459	1.436		-1.6	
Dibenzo(a,h)anthracene	1.188	1.170		-1.5	
Benzo(g,h,i)perylene	1.179	1.158		-1.8	
1,2,4,5-Tetrachlorobenzene	0.568	0.541		-4.8	
1,4-Dioxane	0.527	0.520		-1.3	20.0

All other compounds must meet a minimum RRF of 0.010.

SAMPLE RAW DATA

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024874.D
Acq On : 09 Jun 2025 12:50
Operator : RC/JU
Sample : Q2210-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TW1

Quant Time: Jun 09 13:13:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 2025
Response via : Initial Calibration

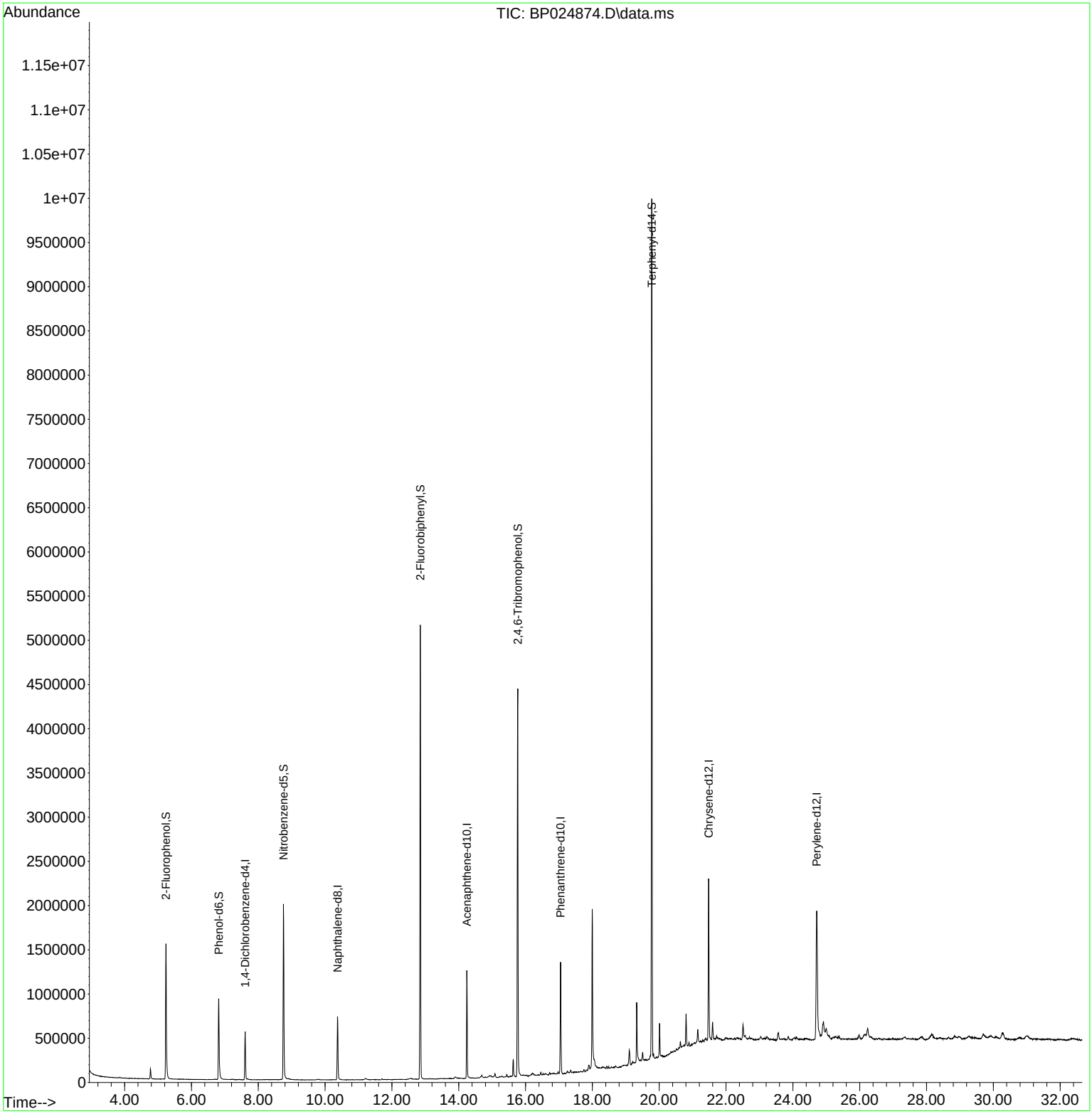
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.607	152	152557	20.000	ng	0.00
21) Naphthalene-d8	10.372	136	617882	20.000	ng	0.00
39) Acenaphthene-d10	14.242	164	395301	20.000	ng	0.00
64) Phenanthrene-d10	17.048	188	788461	20.000	ng	-0.01
76) Chrysene-d12	21.483	240	1056540	20.000	ng	0.00
86) Perylene-d12	24.712	264	1470569	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.237	112	742475	81.238	ng	0.00
7) Phenol-d6	6.813	99	614677	50.831	ng	0.00
23) Nitrobenzene-d5	8.754	82	1169640	91.986	ng	0.00
42) 2,4,6-Tribromophenol	15.766	330	895820	163.912	ng	-0.02
45) 2-Fluorobiphenyl	12.848	172	2487280	84.762	ng	-0.01
79) Terphenyl-d14	19.777	244	4732640	80.282	ng	-0.02
Target Compounds						Qvalue

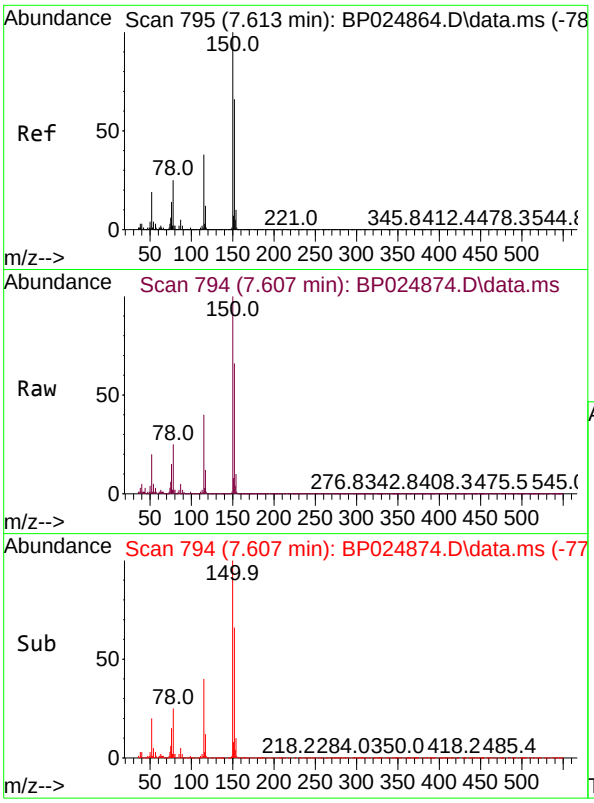
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024874.D
Acq On : 09 Jun 2025 12:50
Operator : RC/JU
Sample : Q2210-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TW1

Quant Time: Jun 09 13:13:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 2025
Response via : Initial Calibration



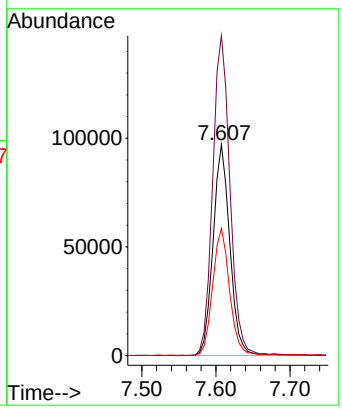


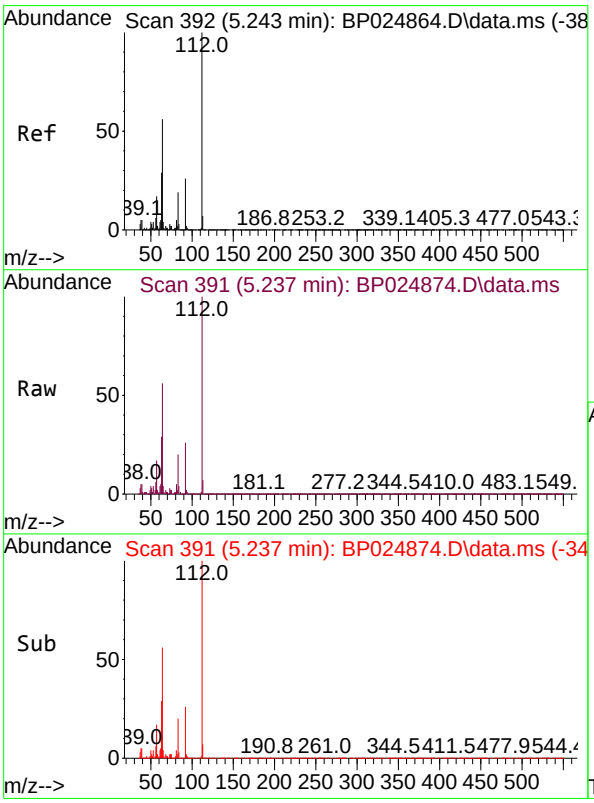
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.607 min Scan# 7
Delta R.T. -0.006 min
Lab File: BP024874.D
Acq: 09 Jun 2025 12:50

Instrument :
BNA_P
ClientSampleId :
TW1

Tgt Ion:152 Resp: 152557

Ion	Ratio	Lower	Upper
152	100		
150	151.6	122.1	183.1
115	60.4	46.4	69.6

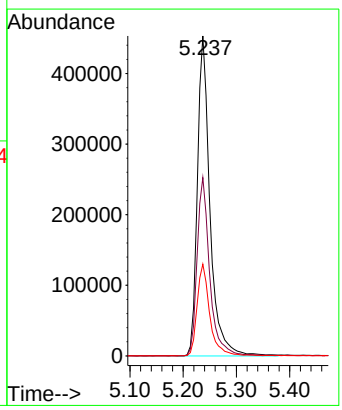


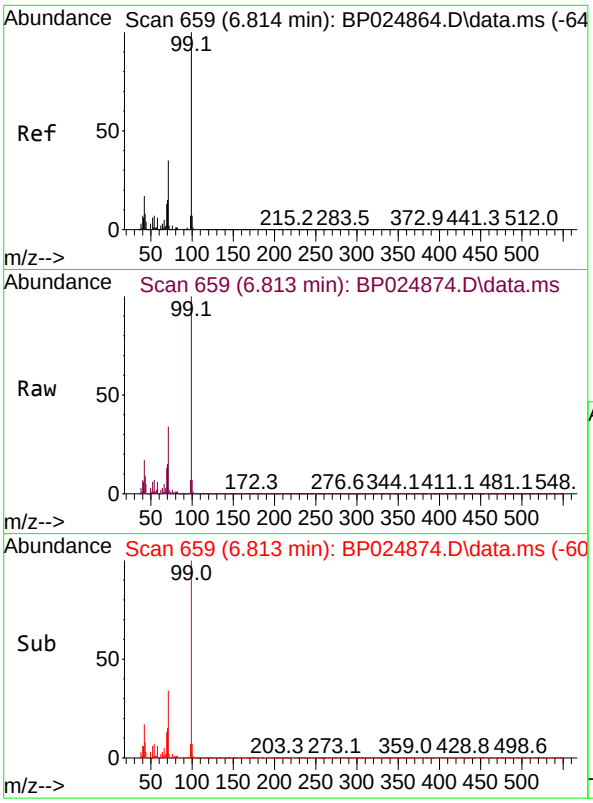


#5
2-Fluorophenol
Concen: 81.238 ng
RT: 5.237 min Scan# 391
Delta R.T. -0.006 min
Lab File: BP024874.D
Acq: 09 Jun 2025 12:50

Tgt Ion:112 Resp: 742475

Ion	Ratio	Lower	Upper
112	100		
64	55.7	44.7	67.1
63	28.7	23.5	35.3



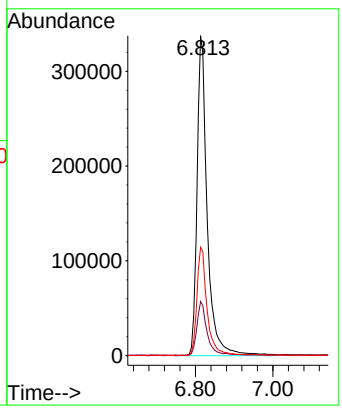


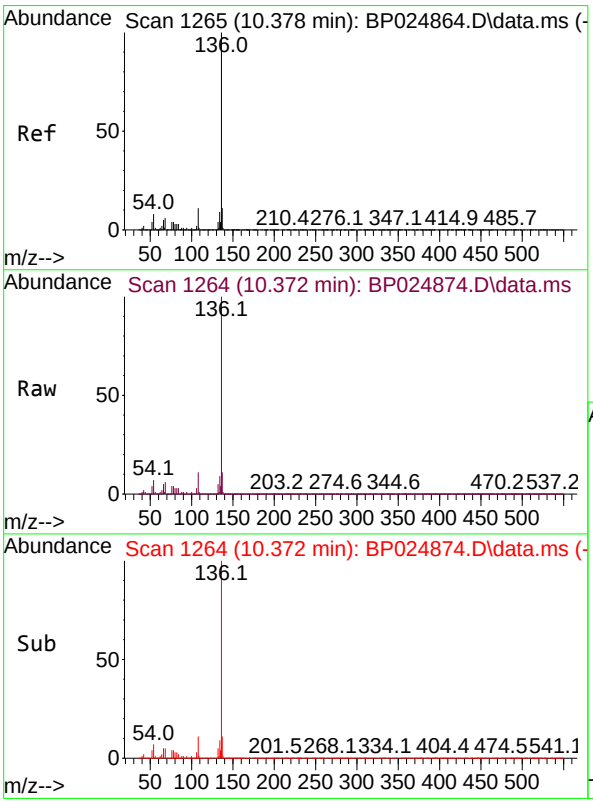
#7
Phenol-d6
Concen: 50.831 ng
RT: 6.813 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP024874.D
Acq: 09 Jun 2025 12:50

Instrument :
BNA_P
ClientSampleId :
TW1

Tgt Ion: 99 Resp: 614677

Ion	Ratio	Lower	Upper
99	100		
42	16.9	13.4	20.2
71	33.9	27.6	41.4

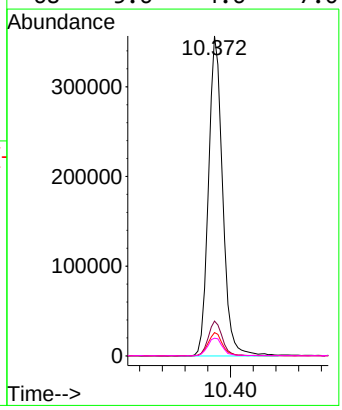


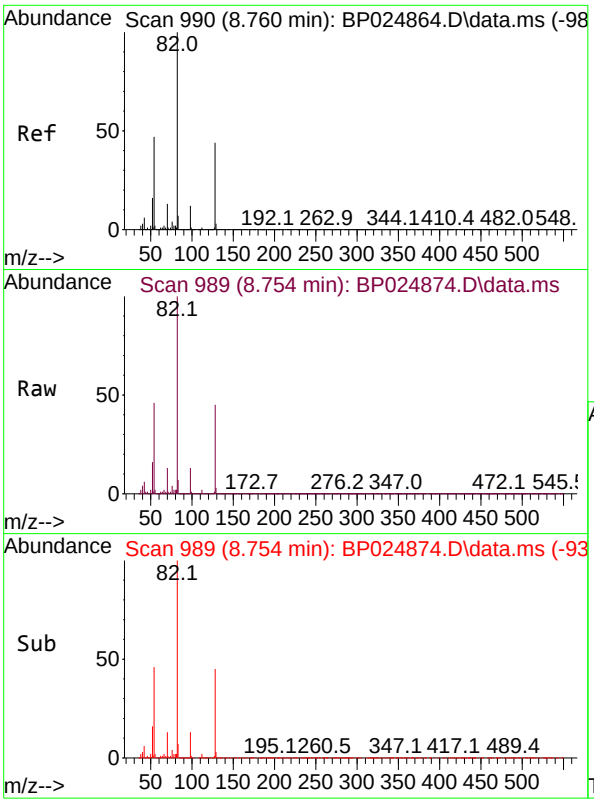


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.372 min Scan# 1264
Delta R.T. -0.006 min
Lab File: BP024874.D
Acq: 09 Jun 2025 12:50

Tgt Ion:136 Resp: 617882

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	7.3	6.1	9.1
68	5.6	4.6	7.0



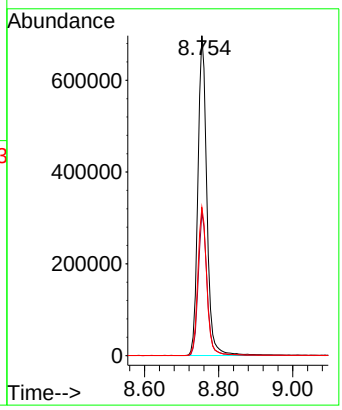


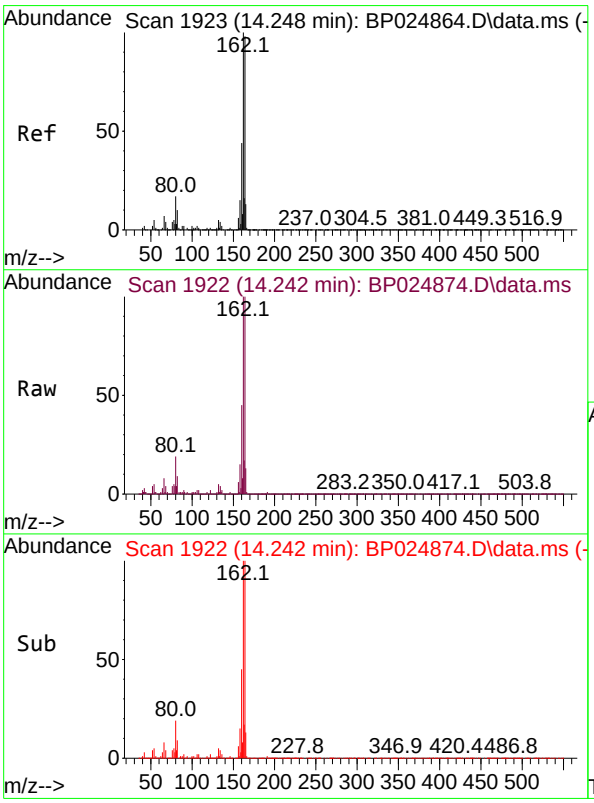
#23
Nitrobenzene-d5
Concen: 91.986 ng
RT: 8.754 min Scan# 98
Delta R.T. -0.006 min
Lab File: BP024874.D
Acq: 09 Jun 2025 12:50

Instrument :
BNA_P
ClientSampleId :
TW1

Tgt Ion: 82 Resp: 1169640

Ion	Ratio	Lower	Upper
82	100		
128	44.7	35.3	52.9
54	46.3	37.4	56.0

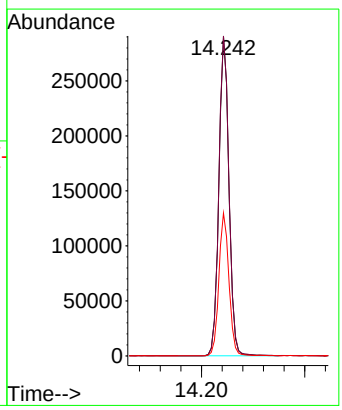


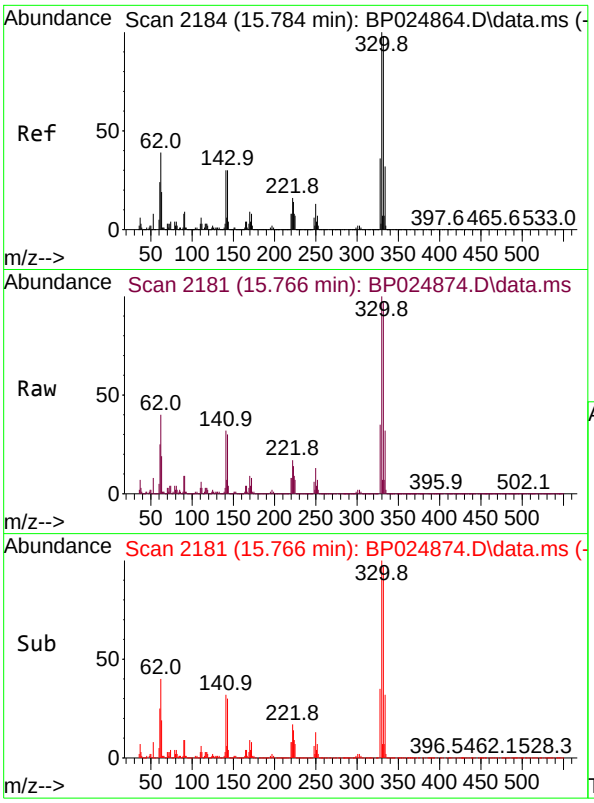


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.242 min Scan# 1922
Delta R.T. -0.006 min
Lab File: BP024874.D
Acq: 09 Jun 2025 12:50

Tgt Ion:164 Resp: 395301

Ion	Ratio	Lower	Upper
164	100		
162	99.9	81.6	122.4
160	44.6	36.2	54.2



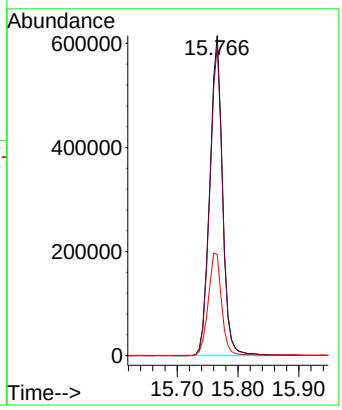


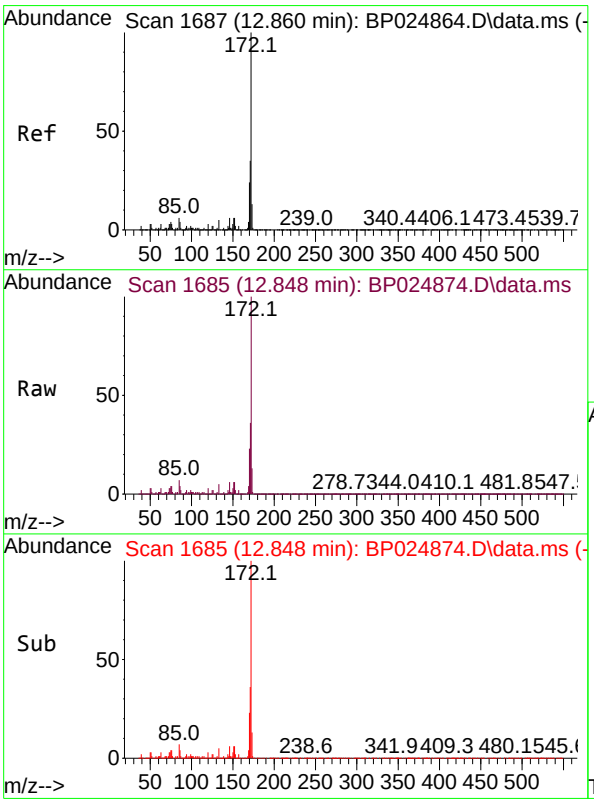
#42
2,4,6-Tribromophenol
Concen: 163.912 ng
RT: 15.766 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP024874.D
Acq: 09 Jun 2025 12:50

Instrument :
BNA_P
ClientSampleId :
TW1

Tgt Ion:330 Resp: 895820

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.7	116.5
141	33.5	26.4	39.6

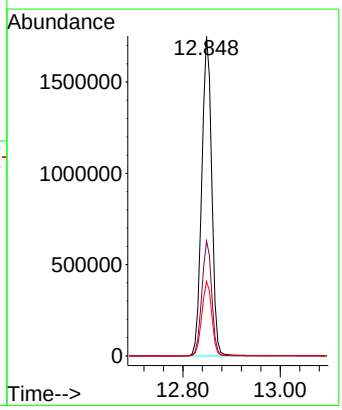


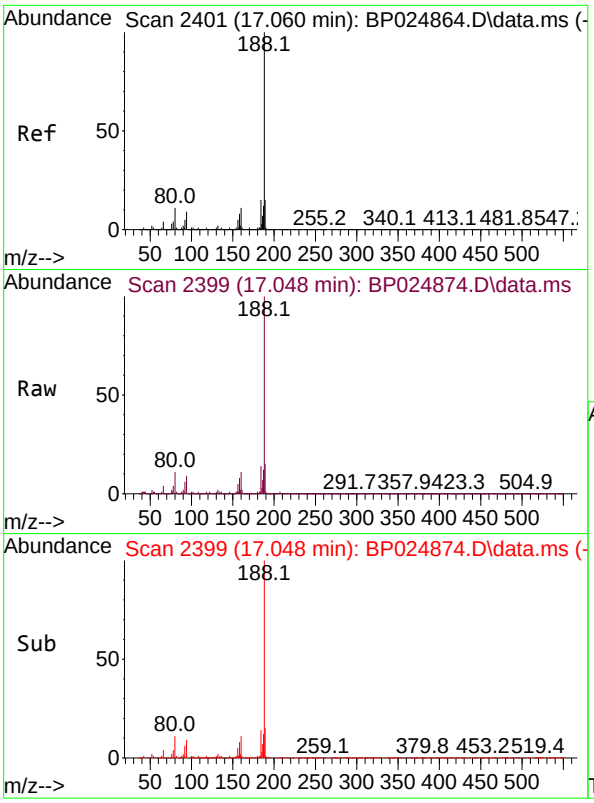


#45
2-Fluorobiphenyl
Concen: 84.762 ng
RT: 12.848 min Scan# 1685
Delta R.T. -0.012 min
Lab File: BP024874.D
Acq: 09 Jun 2025 12:50

Tgt Ion:172 Resp: 2487280

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.3	42.5
170	23.3	19.0	28.4



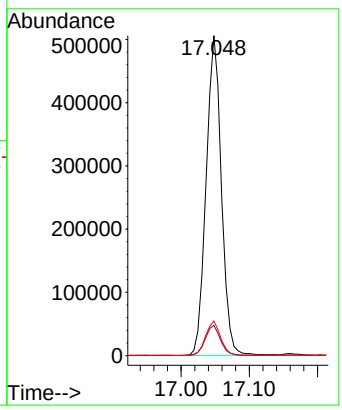


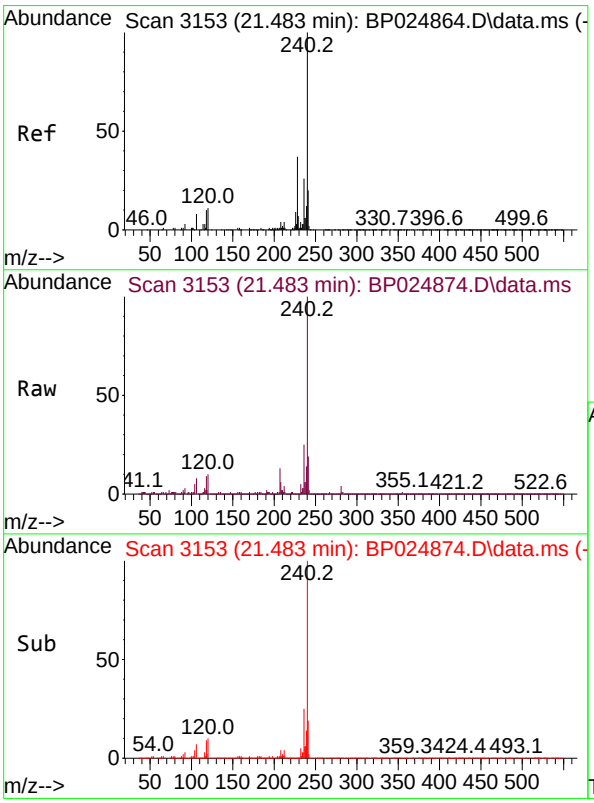
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.048 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP024874.D
Acq: 09 Jun 2025 12:50

Instrument :
BNA_P
ClientSampleId :
TW1

Tgt Ion:188 Resp: 788461

Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.3	10.9
80	10.8	8.5	12.7

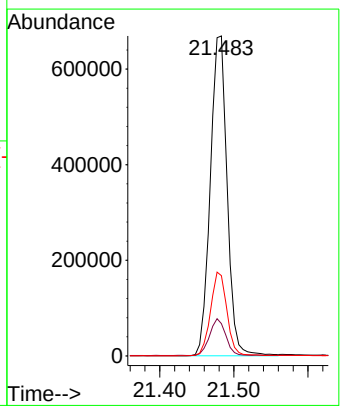


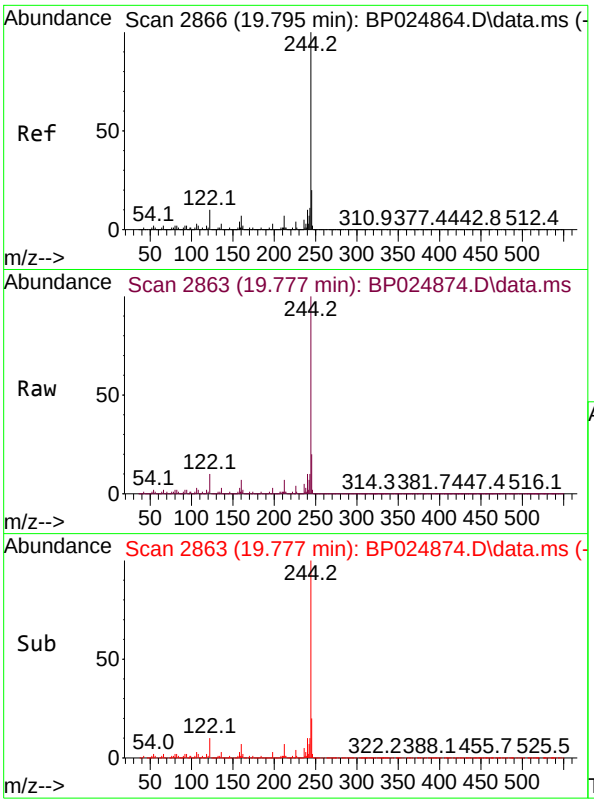


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.483 min Scan# 3153
Delta R.T. -0.000 min
Lab File: BP024874.D
Acq: 09 Jun 2025 12:50

Tgt Ion:240 Resp: 1056540

Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.9	13.3
236	25.1	20.9	31.3



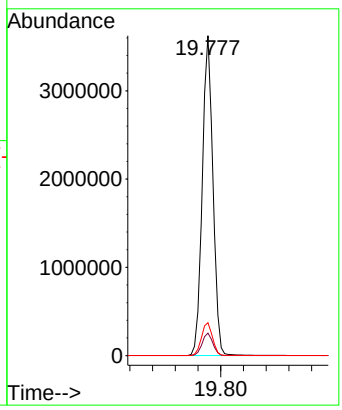


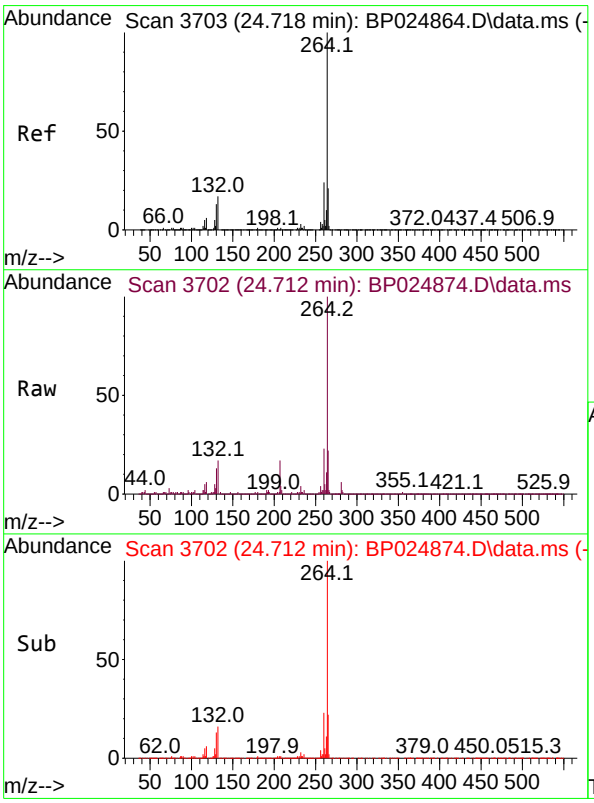
#79
Terphenyl-d14
Concen: 80.282 ng
RT: 19.777 min Scan# 28
Delta R.T. -0.018 min
Lab File: BP024874.D
Acq: 09 Jun 2025 12:50

Instrument :
BNA_P
ClientSampleId :
TW1

Tgt Ion:244 Resp: 4732640

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	10.3	7.7	11.5

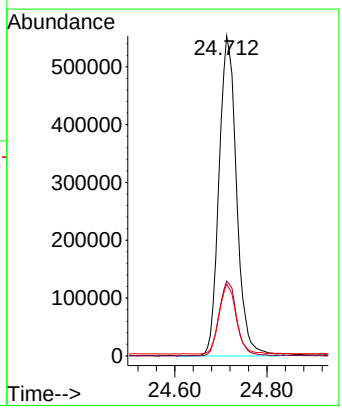




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.712 min Scan# 3702
Delta R.T. -0.006 min
Lab File: BP024874.D
Acq: 09 Jun 2025 12:50

Tgt Ion:264 Resp: 1470569

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.0	28.4
265	22.4	17.4	26.0



LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024874.D
Acq On : 09 Jun 2025 12:50
Operator : RC/JU
Sample : Q2210-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TW1

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP024874.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.772	307	312	321	rBV	111429	167560	1.33%	0.320%
2	5.237	385	391	414	rBV	1527999	2476116	19.58%	4.730%
3	6.813	653	659	679	rBV	912660	1653375	13.07%	3.158%
4	7.607	787	794	802	rBV	543478	874184	6.91%	1.670%
5	8.754	982	989	1011	rBV	1982943	3327425	26.31%	6.356%
6	10.372	1257	1264	1280	rBV	716506	1256040	9.93%	2.399%
7	12.848	1678	1685	1697	rBV	5135586	7225117	57.13%	13.801%
8	14.242	1916	1922	1931	rBV	1220168	1714080	13.55%	3.274%
9	15.631	2153	2158	2168	rVB	196360	287969	2.28%	0.550%
10	15.766	2173	2181	2198	rBV	4387899	6695575	52.95%	12.790%
11	17.048	2392	2399	2410	rVB2	1263476	1983404	15.68%	3.789%
12	17.995	2554	2560	2569	rBV	1778101	2784334	22.02%	5.319%
13	19.101	2744	2748	2756	rVB	168950	318474	2.52%	0.608%
14	19.324	2782	2786	2800	rBV	674012	1037032	8.20%	1.981%
15	19.777	2857	2863	2869	rBV	9692519	12645781	100.00%	24.156%
16	20.007	2899	2902	2911	rVB	369933	492336	3.89%	0.940%
17	20.801	3033	3037	3047	rVB	364299	522797	4.13%	0.999%
18	21.477	3147	3152	3159	rBV2	1817101	2810735	22.23%	5.369%
19	21.595	3169	3172	3180	rVB	191586	297734	2.35%	0.569%
20	24.712	3695	3702	3720	rVB	1416023	3781063	29.90%	7.223%

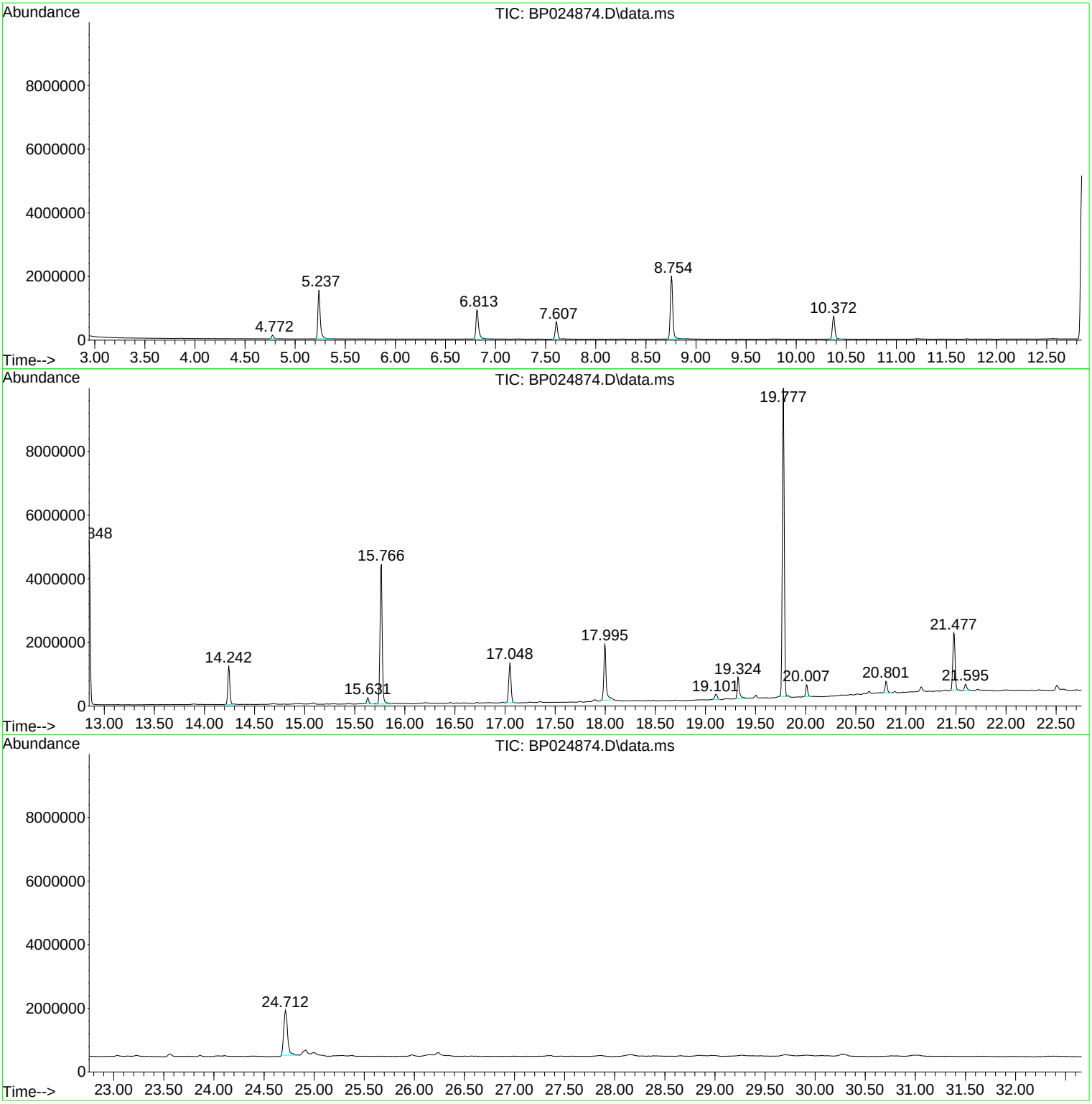
Sum of corrected areas: 52351131

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024874.D
Acq On : 09 Jun 2025 12:50
Operator : RC/JU
Sample : Q2210-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TW1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024874.D
Acq On : 09 Jun 2025 12:50
Operator : RC/JU
Sample : Q2210-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TW1

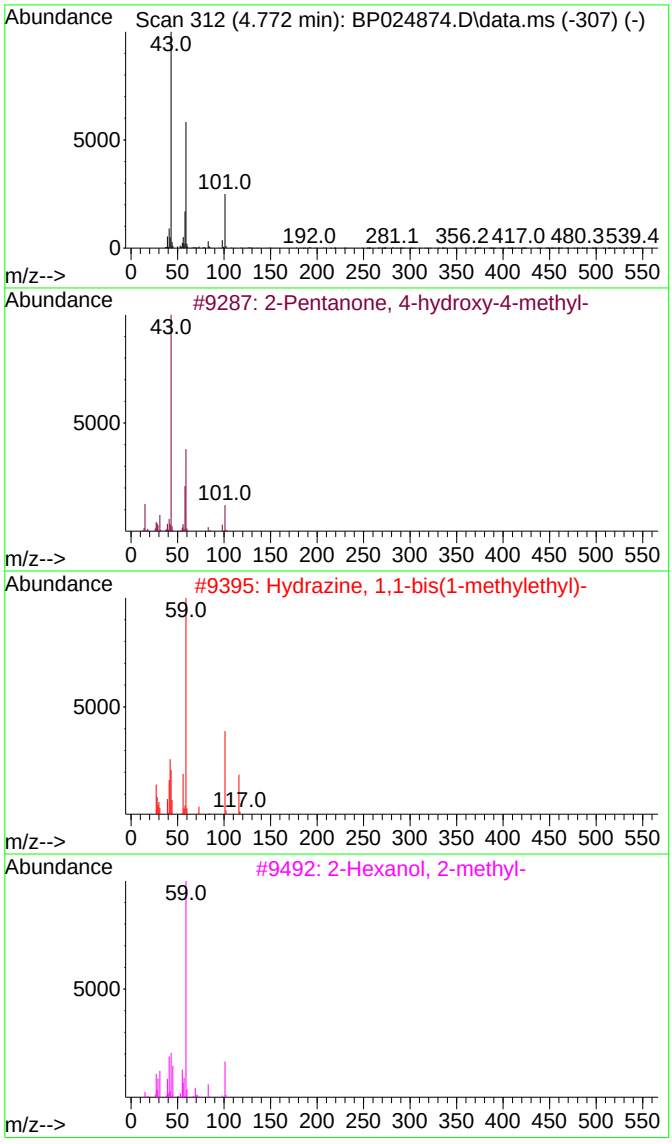
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

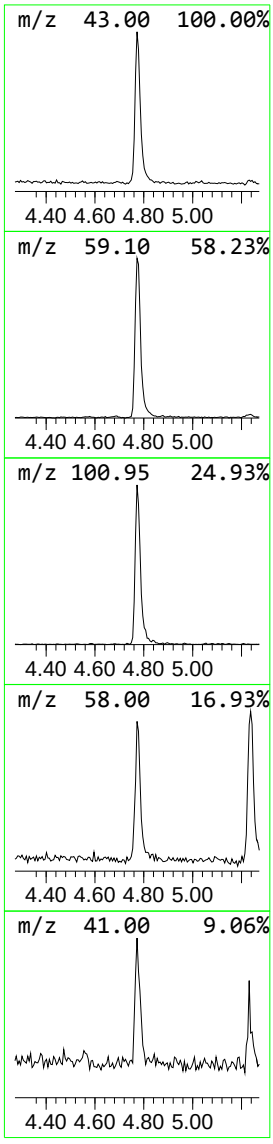
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.772	3.83 ng	167560	1,4-Dichlorobenzene-d4	7.607

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	28
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	23
4	2,5,8,11-Tetraoxadodecane	178	C8H18O4	000112-49-2	23
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024874.D
Acq On : 09 Jun 2025 12:50
Operator : RC/JU
Sample : Q2210-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TW1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

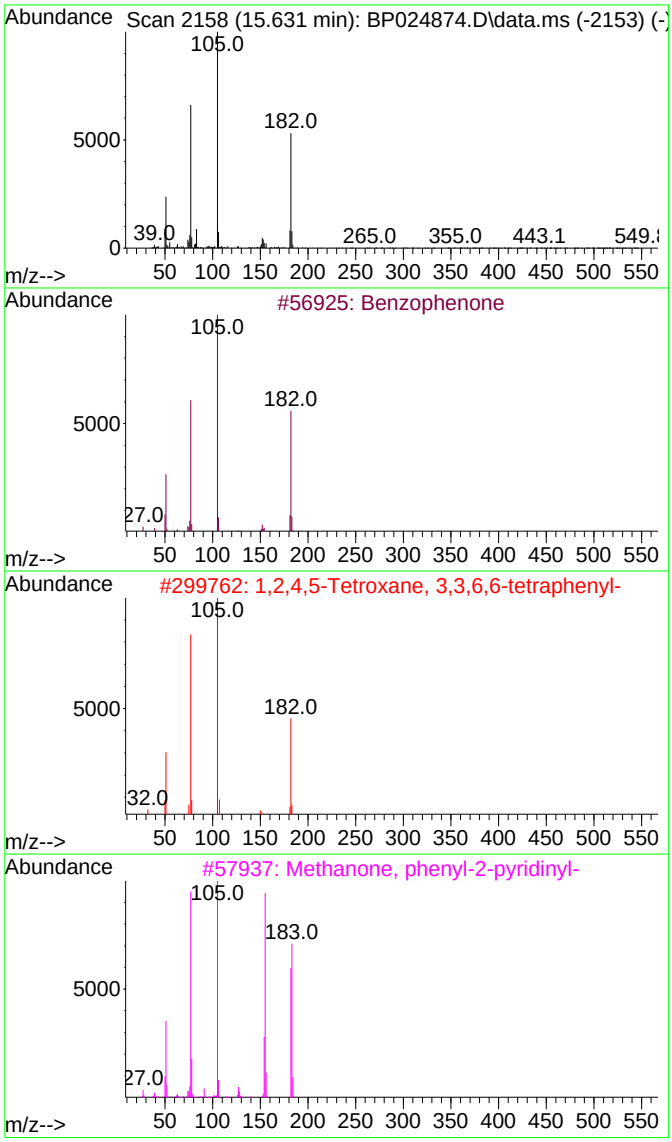
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

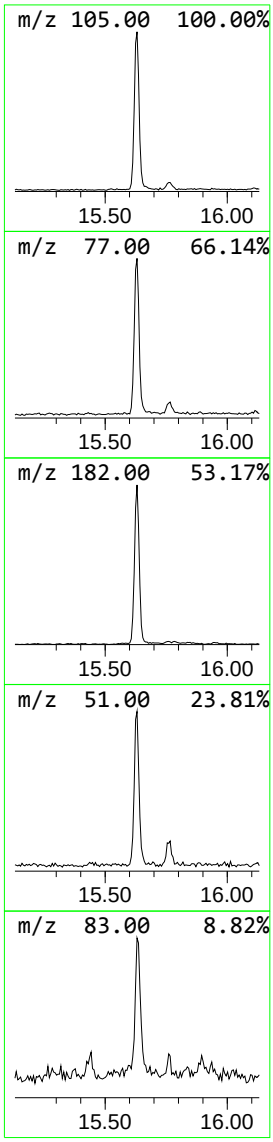
****

Peak Number 2 Benzophenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.631	3.36 ng	287969	Acenaphthene-d10	14.242

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	64
3	Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	56
4	1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	50
5	Azobenzene	182	C12H10N2	000103-33-3	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024874.D
Acq On : 09 Jun 2025 12:50
Operator : RC/JU
Sample : Q2210-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TW1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

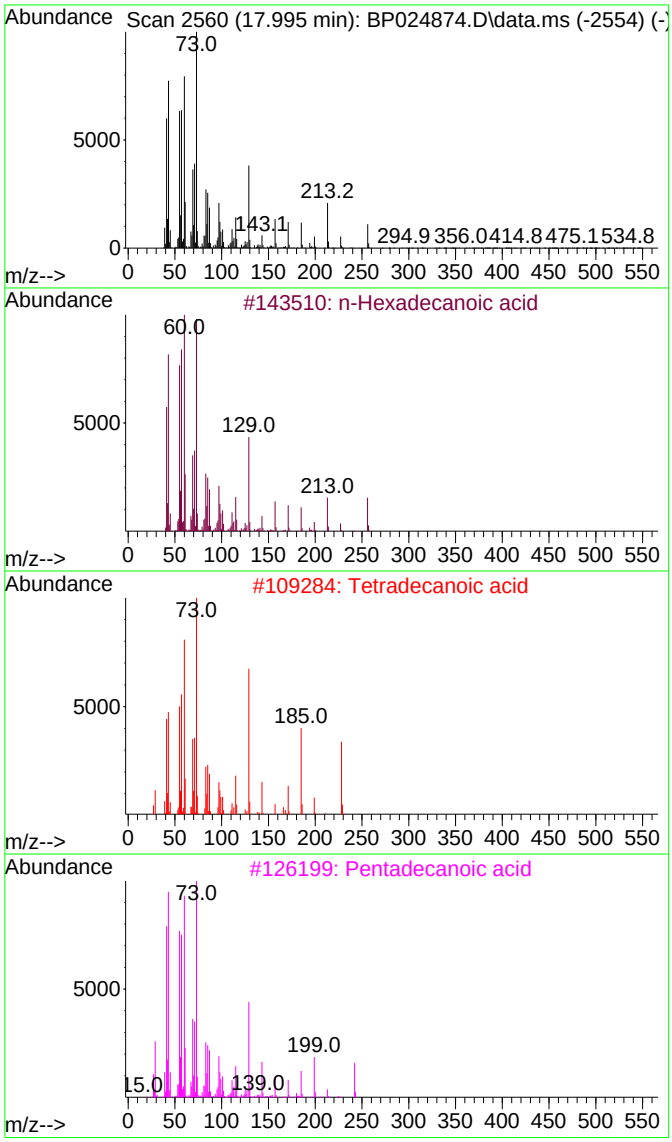
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

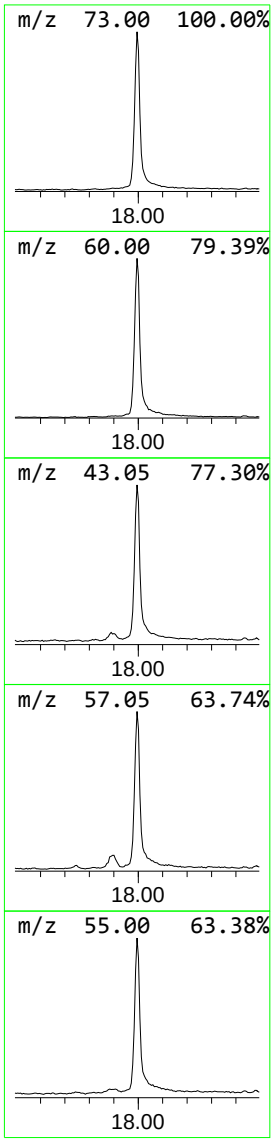
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.995	28.08 ng	2784330	Phenanthrene-d10	17.048

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4	n-Decanoic acid	172	C10H20O2	000334-48-5	70
5	Tridecanoic acid	214	C13H26O2	000638-53-9	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024874.D
Acq On : 09 Jun 2025 12:50
Operator : RC/JU
Sample : Q2210-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TW1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

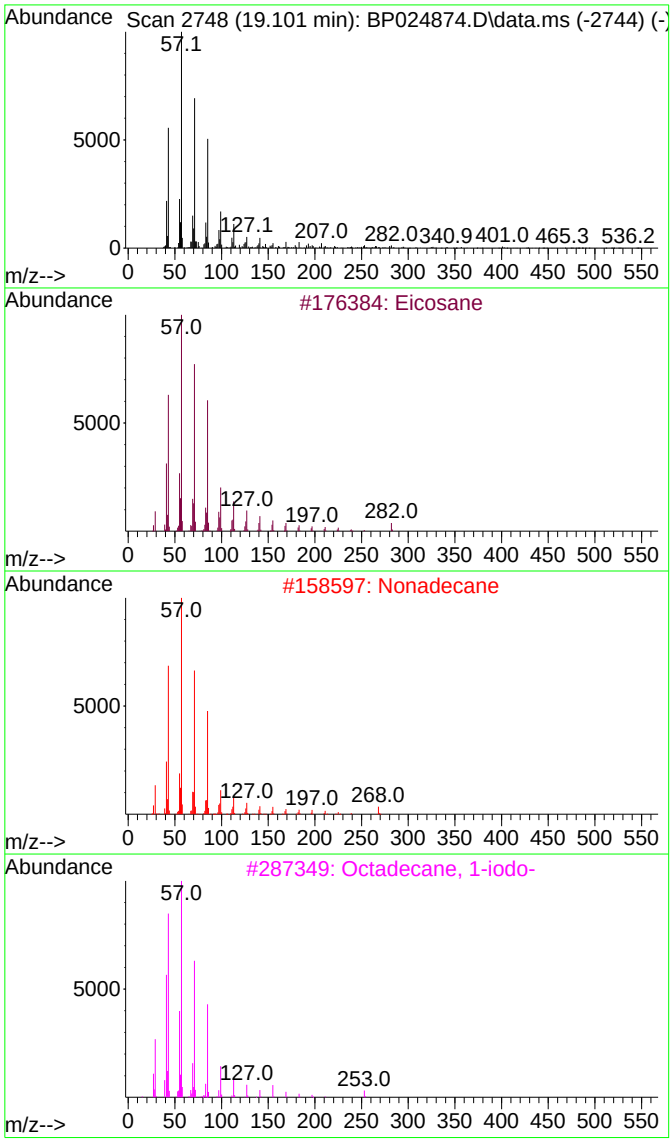
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

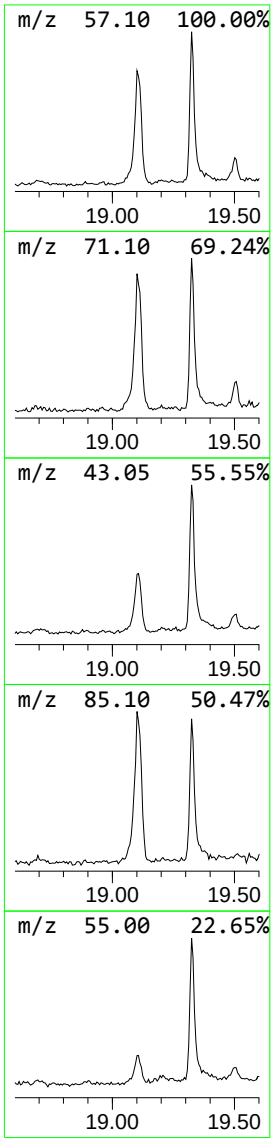
****

Peak Number 4 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.101	3.21 ng	318474	Phenanthrene-d10	17.048

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Nonadecane	268	C19H40	000629-92-5	93
3	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87
4	Octadecane	254	C18H38	000593-45-3	87
5	Octacosane	394	C28H58	000630-02-4	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024874.D
Acq On : 09 Jun 2025 12:50
Operator : RC/JU
Sample : Q2210-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TW1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

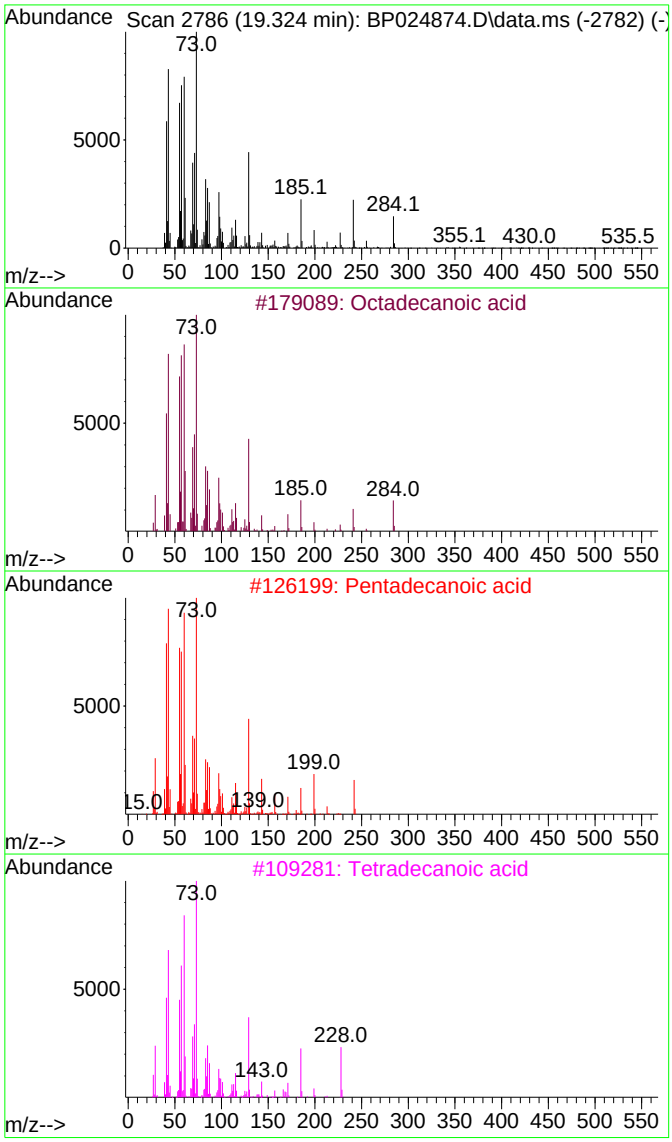
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

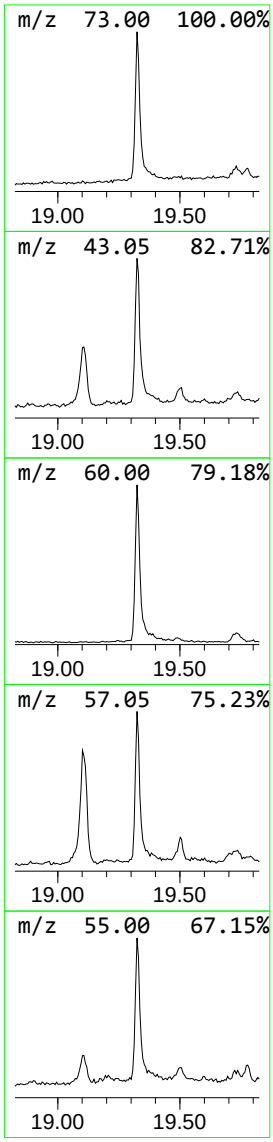
****

Peak Number 5 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.325	7.38 ng	1037030	Chrysene-d12	21.483

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	72
5	Tridecanoic acid	214	C13H26O2	000638-53-9	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024874.D
Acq On : 09 Jun 2025 12:50
Operator : RC/JU
Sample : Q2210-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TW1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

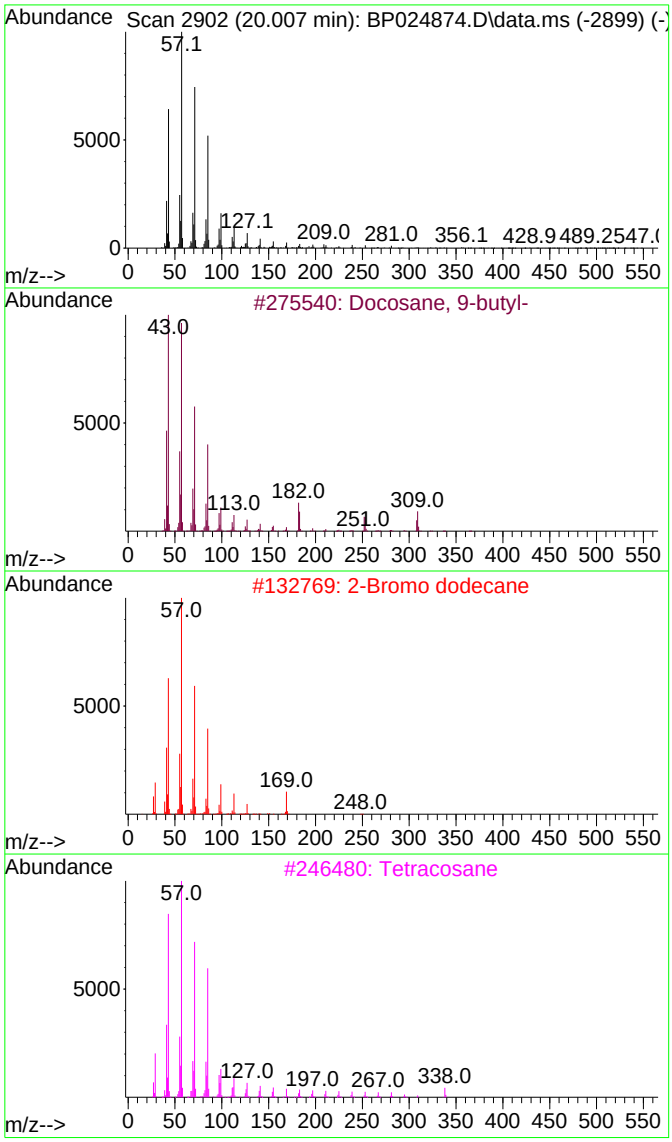
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

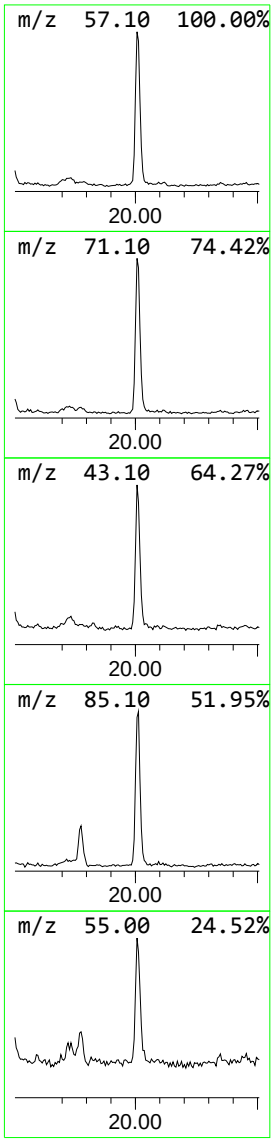
****

Peak Number 6 Docosane, 9-butyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.007	3.50 ng	492336	Chrysene-d12	21.483

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane, 9-butyl-	366	C26H54	055282-14-9	94
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
3	Tetracosane	338	C24H50	000646-31-1	93
4	Heneicosane	296	C21H44	000629-94-7	91
5	2-Methylpentacosane	366	C26H54	000629-87-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024874.D
Acq On : 09 Jun 2025 12:50
Operator : RC/JU
Sample : Q2210-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TW1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

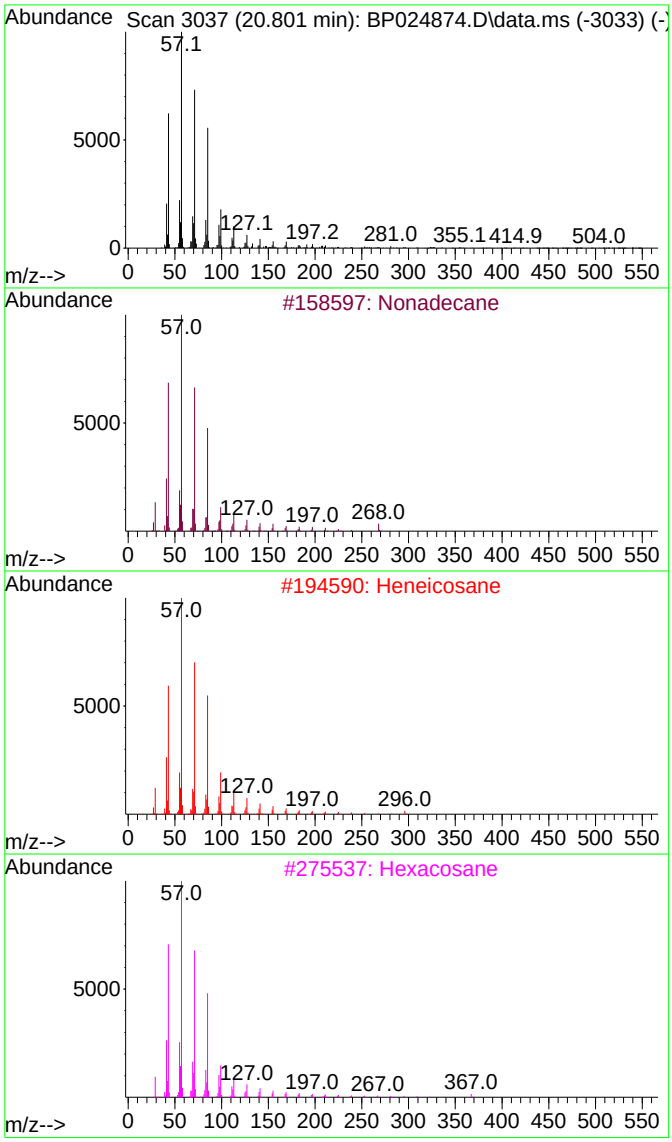
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

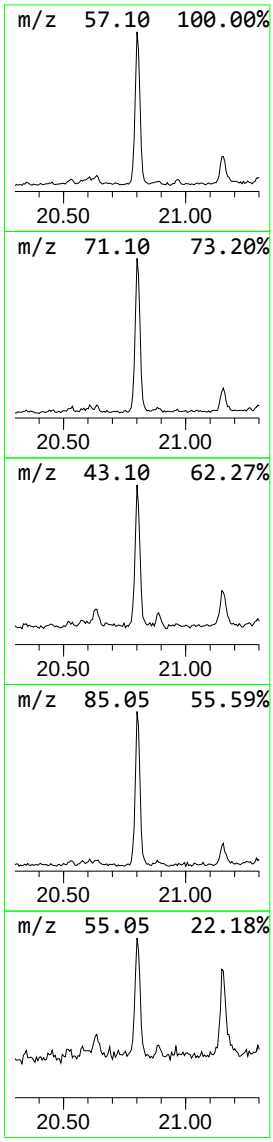
****

Peak Number 7 Nonadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.801	3.72 ng	522797	Chrysene-d12	21.483

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	95
2	Heneicosane	296	C21H44	000629-94-7	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Heptadecane	240	C17H36	000629-78-7	91
5	Tetracosane	338	C24H50	000646-31-1	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024874.D
Acq On : 09 Jun 2025 12:50
Operator : RC/JU
Sample : Q2210-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TW1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

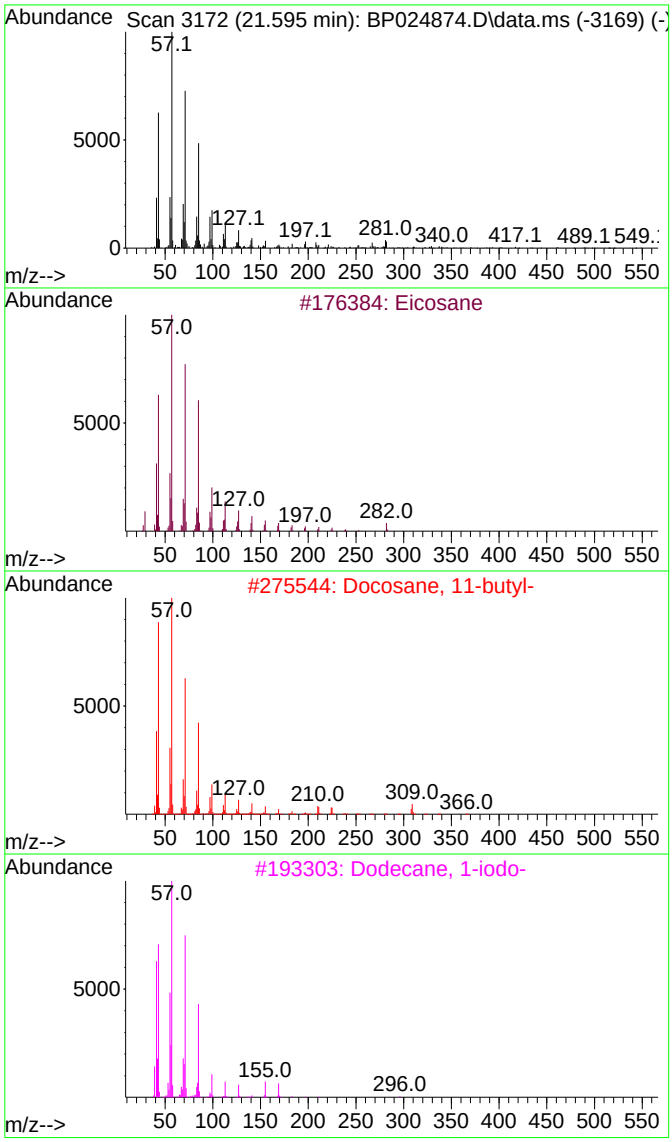
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

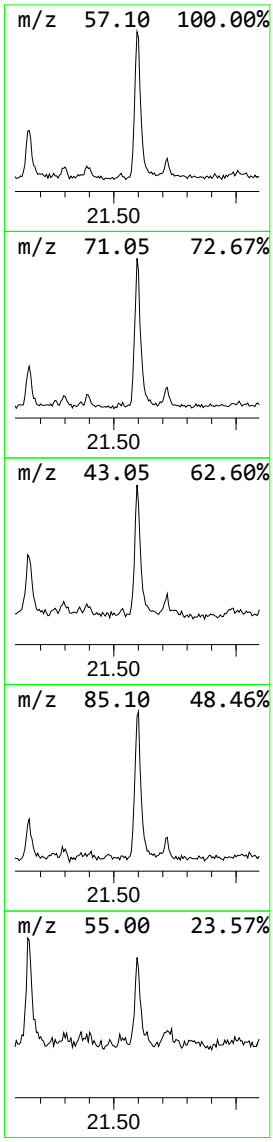
****

Peak Number 8 Docosane, 11-butyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.595	2.12 ng	297734	Chrysene-d12	21.483

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Docosane, 11-butyl-	366	C26H54	013475-76-8	93
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	91
4	Tetratetracontane	619	C44H90	007098-22-8	90
5	Hexacosane	366	C26H54	000630-01-3	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024874.D
Acq On : 09 Jun 2025 12:50
Operator : RC/JU
Sample : Q2210-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TW1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	4.772	3.8	ng	167560	1	7.607	874184	20.0
Benzophenone	15.631	3.4	ng	287969	3	14.242	1714080	20.0
n-Hexadecanoic ...	17.995	28.1	ng	2784330	4	17.048	1983400	20.0
Eicosane	19.101	3.2	ng	318474	4	17.048	1983400	20.0
Octadecanoic acid	19.325	7.4	ng	1037030	5	21.483	2810740	20.0
Docosane, 9-butyl-	20.007	3.5	ng	492336	5	21.483	2810740	20.0
Nonadecane	20.801	3.7	ng	522797	5	21.483	2810740	20.0
Docosane, 11-bu...	21.595	2.1	ng	297734	5	21.483	2810740	20.0

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024872.D
Acq On : 09 Jun 2025 11:24
Operator : RC/JU
Sample : PB168323BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB168323BL

Quant Time: Jun 09 12:31:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 2025
Response via : Initial Calibration

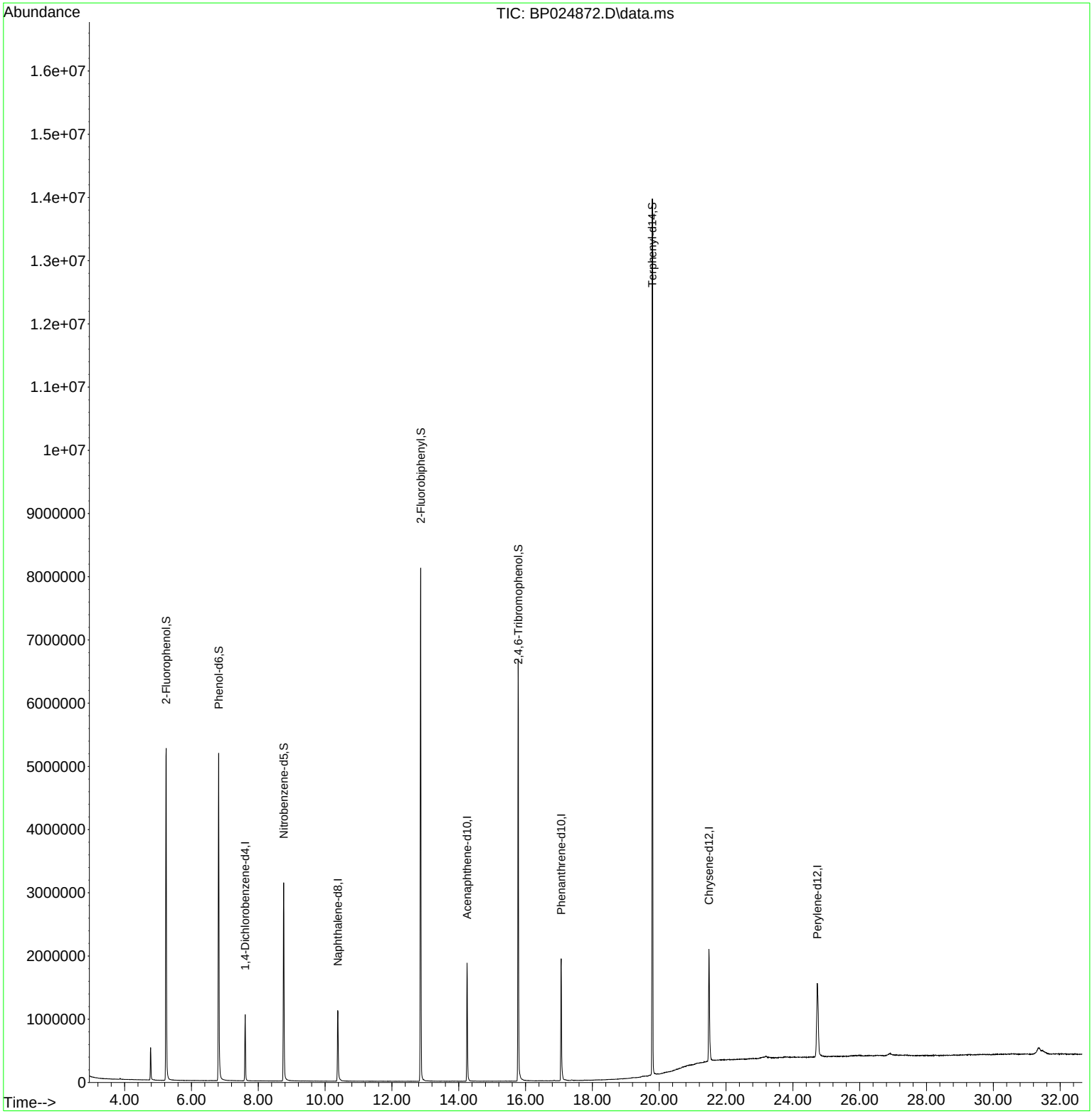
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.608	152	278652	20.000	ng	0.00
21) Naphthalene-d8	10.378	136	1083873	20.000	ng	0.00
39) Acenaphthene-d10	14.248	164	655689	20.000	ng	0.00
64) Phenanthrene-d10	17.066	188	1268484	20.000	ng	0.00
76) Chrysene-d12	21.489	240	1277128	20.000	ng	0.00
86) Perylene-d12	24.730	264	1472674	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.243	112	2436717	145.966	ng	0.00
7) Phenol-d6	6.814	99	3036491	137.475	ng	0.00
23) Nitrobenzene-d5	8.760	82	1900527	85.206	ng	0.00
42) 2,4,6-Tribromophenol	15.784	330	1295397	142.897	ng	0.00
45) 2-Fluorobiphenyl	12.860	172	4102972	84.296	ng	0.00
79) Terphenyl-d14	19.795	244	6423595	90.145	ng	0.00
Target Compounds						Qvalue

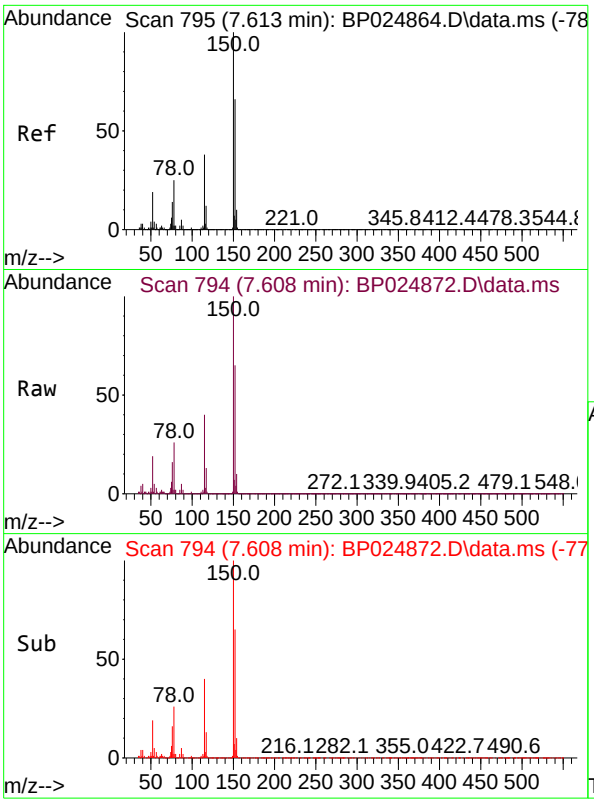
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024872.D
Acq On : 09 Jun 2025 11:24
Operator : RC/JU
Sample : PB168323BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB168323BL

Quant Time: Jun 09 12:31:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 2025
Response via : Initial Calibration



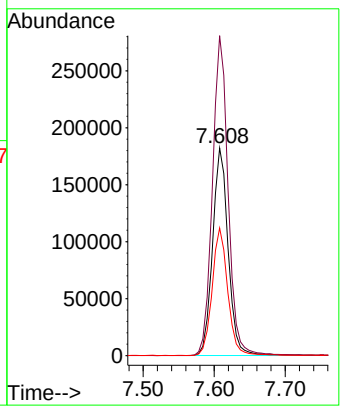


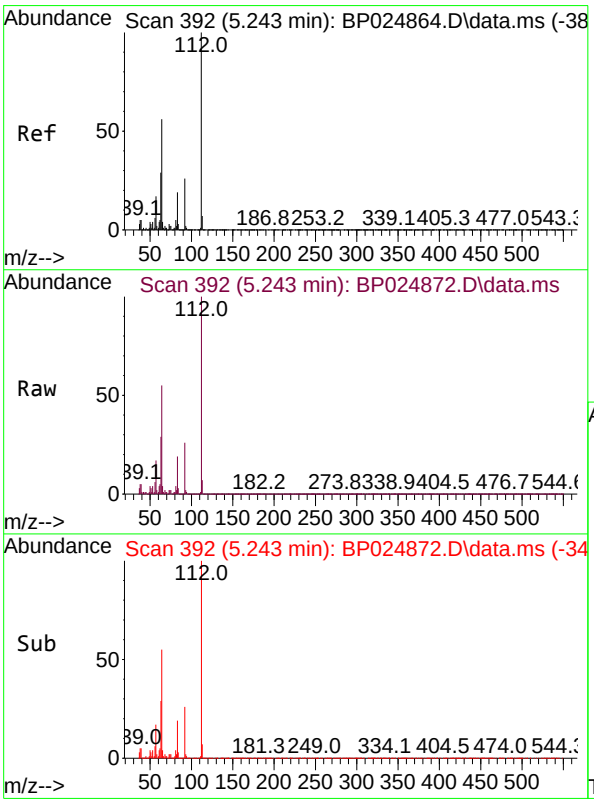
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.608 min Scan# 79
Delta R.T. -0.005 min
Lab File: BP024872.D
Acq: 09 Jun 2025 11:24

Instrument :
BNA_P
ClientSampleId :
PB168323BL

Tgt Ion:152 Resp: 278652

Ion	Ratio	Lower	Upper
152	100		
150	154.2	122.1	183.1
115	61.5	46.4	69.6

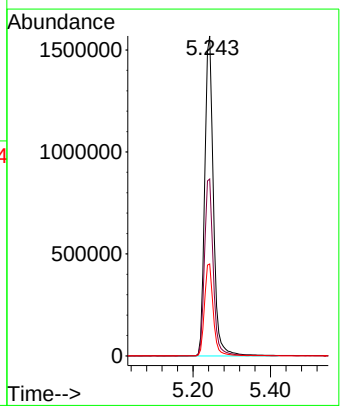


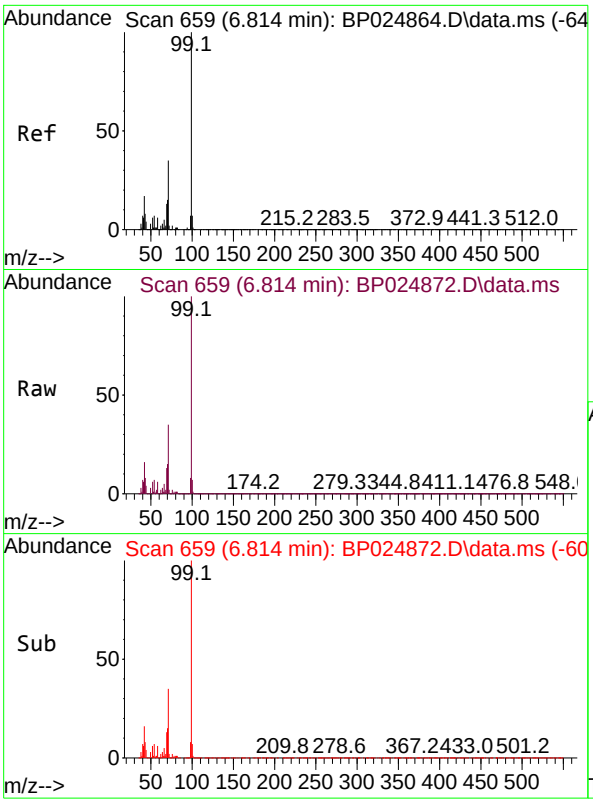


#5
2-Fluorophenol
Concen: 145.966 ng
RT: 5.243 min Scan# 392
Delta R.T. -0.000 min
Lab File: BP024872.D
Acq: 09 Jun 2025 11:24

Tgt Ion:112 Resp: 2436717

Ion	Ratio	Lower	Upper
112	100		
64	55.3	44.7	67.1
63	28.7	23.5	35.3



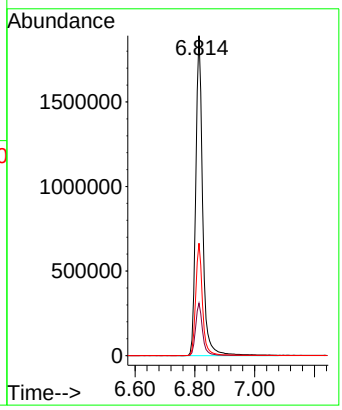


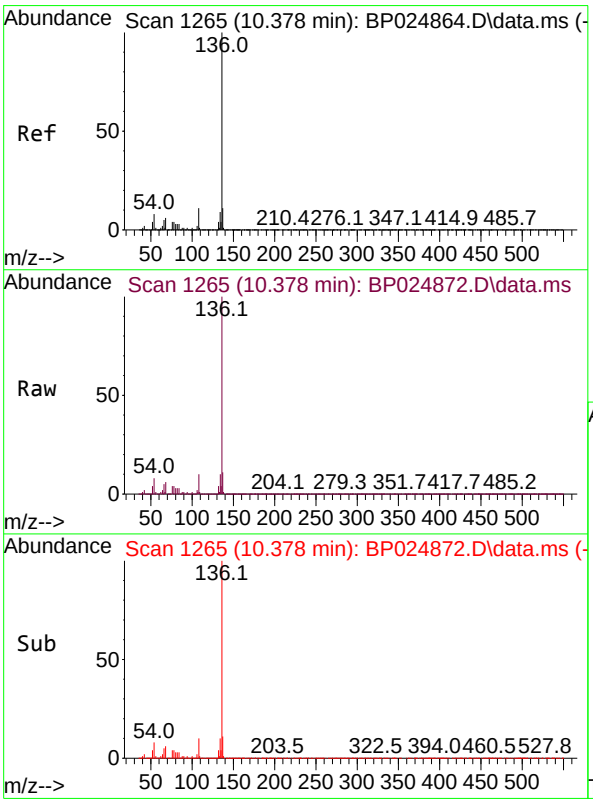
#7
Phenol-d6
Concen: 137.475 ng
RT: 6.814 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP024872.D
Acq: 09 Jun 2025 11:24

Instrument :
BNA_P
ClientSampleId :
PB168323BL

Tgt Ion: 99 Resp: 3036491

Ion	Ratio	Lower	Upper
99	100		
42	16.4	13.4	20.2
71	35.1	27.6	41.4

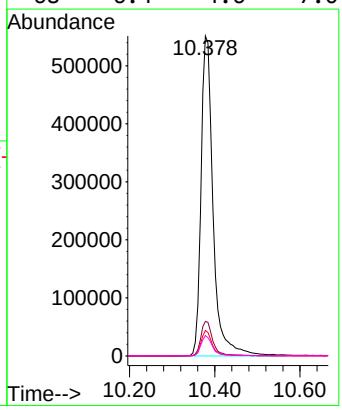


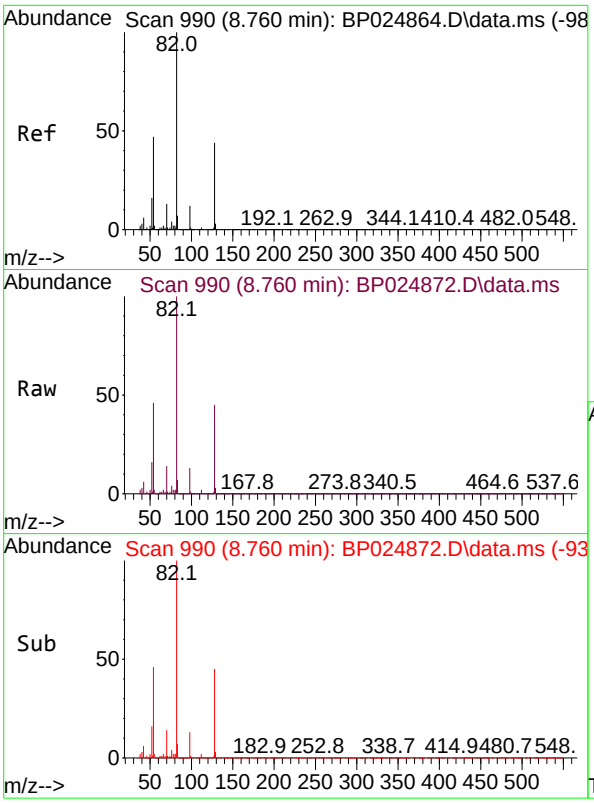


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.378 min Scan# 1265
Delta R.T. -0.000 min
Lab File: BP024872.D
Acq: 09 Jun 2025 11:24

Tgt Ion:136 Resp: 1083873

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	7.9	6.1	9.1
68	6.4	4.6	7.0



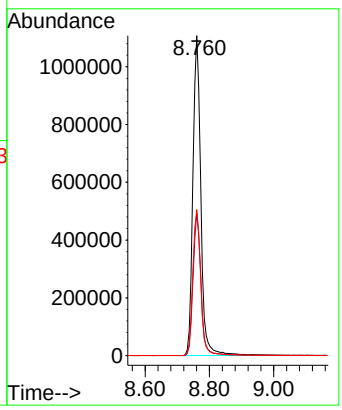


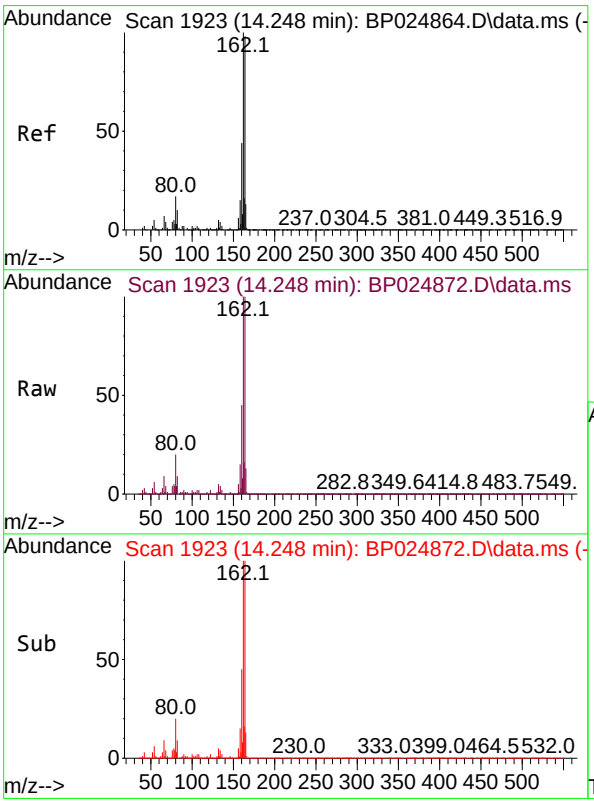
#23
Nitrobenzene-d5
Concen: 85.206 ng
RT: 8.760 min Scan# 99
Delta R.T. -0.000 min
Lab File: BP024872.D
Acq: 09 Jun 2025 11:24

Instrument :
BNA_P
ClientSampleId :
PB168323BL

Tgt Ion: 82 Resp: 1900527

Ion	Ratio	Lower	Upper
82	100		
128	44.7	35.3	52.9
54	45.6	37.4	56.0

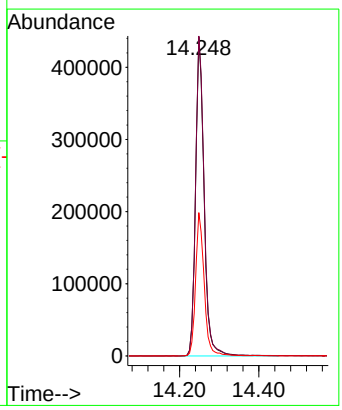


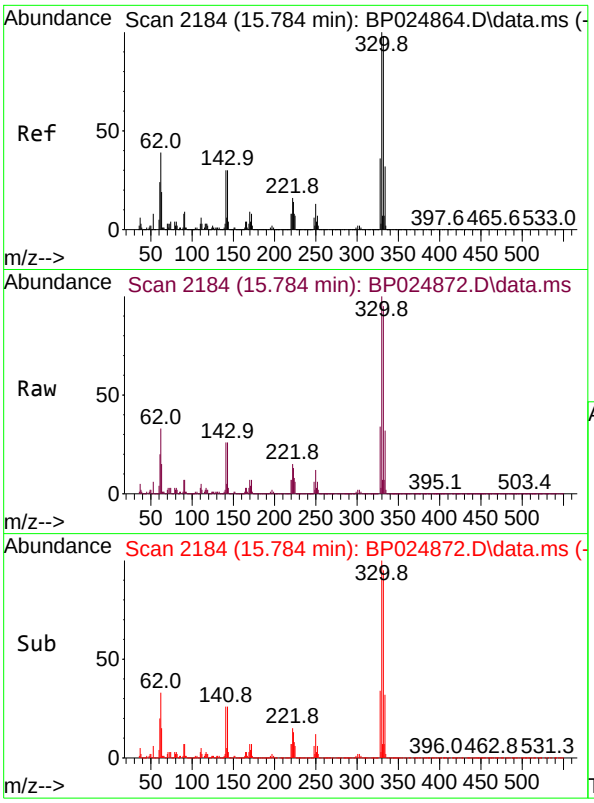


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.248 min Scan# 1923
Delta R.T. -0.000 min
Lab File: BP024872.D
Acq: 09 Jun 2025 11:24

Tgt Ion:164 Resp: 655689

Ion	Ratio	Lower	Upper
164	100		
162	100.4	81.6	122.4
160	44.9	36.2	54.2



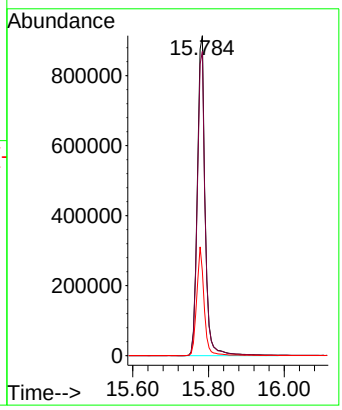


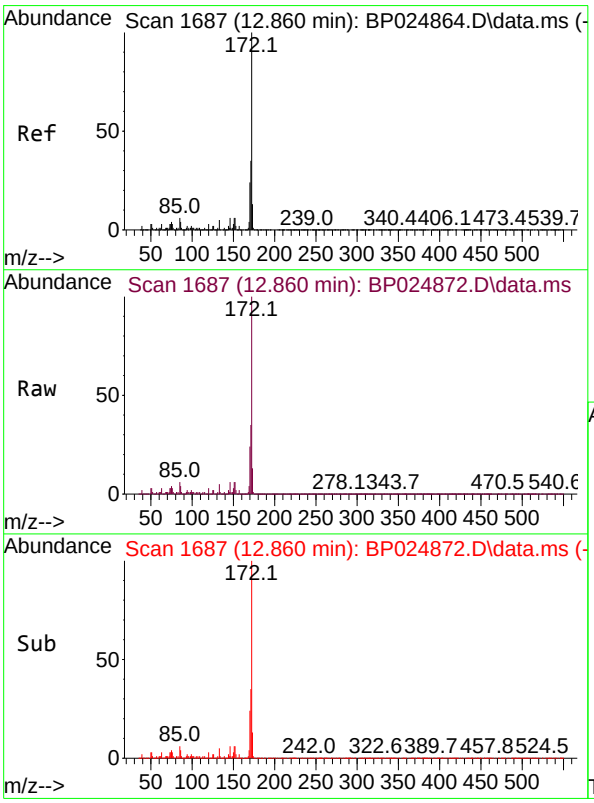
#42
2,4,6-Tribromophenol
Concen: 142.897 ng
RT: 15.784 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP024872.D
Acq: 09 Jun 2025 11:24

Instrument :
BNA_P
ClientSampleId :
PB168323BL

Tgt Ion:330 Resp: 1295397

Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.7	116.5
141	32.3	26.4	39.6

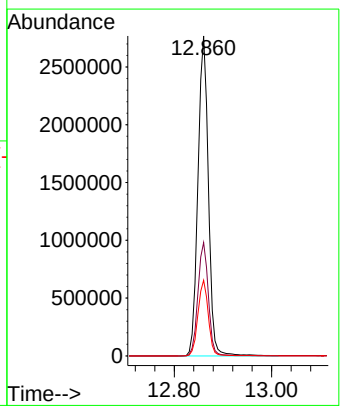


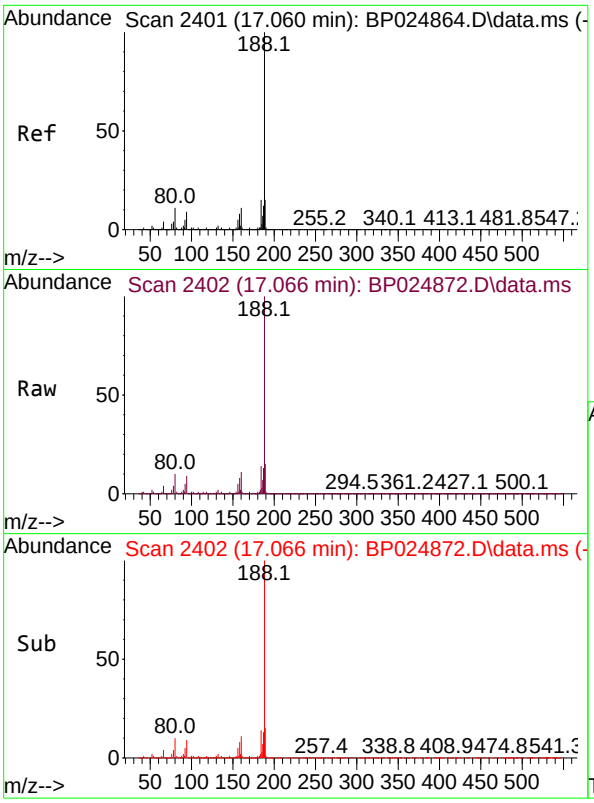


#45
2-Fluorobiphenyl
Concen: 84.296 ng
RT: 12.860 min Scan# 1687
Delta R.T. -0.000 min
Lab File: BP024872.D
Acq: 09 Jun 2025 11:24

Tgt Ion:172 Resp: 4102972

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.3	42.5
170	23.6	19.0	28.4



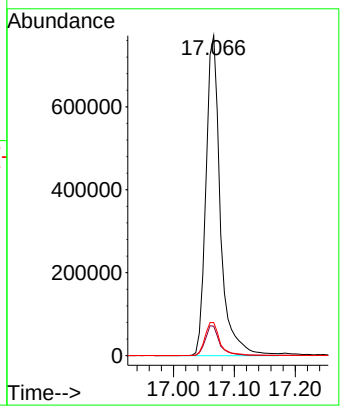


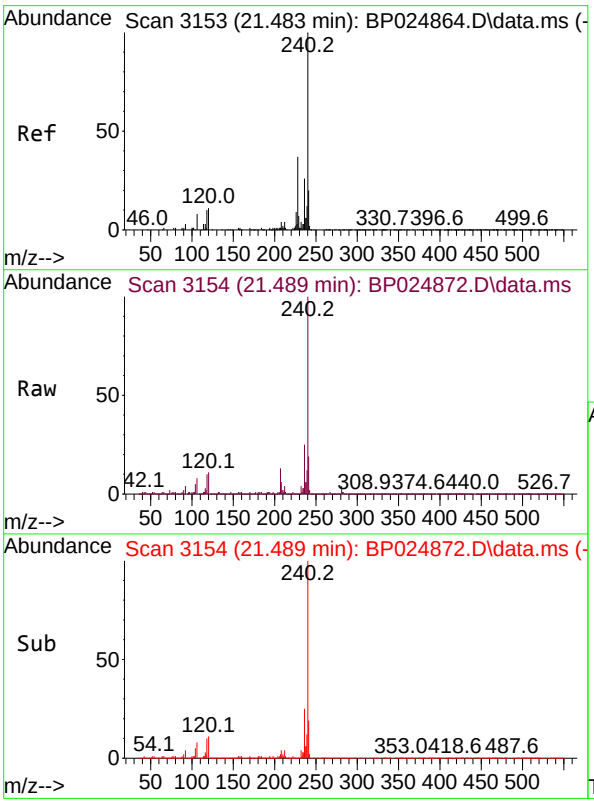
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.066 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP024872.D
Acq: 09 Jun 2025 11:24

Instrument :
BNA_P
ClientSampleId :
PB168323BL

Tgt Ion:188 Resp: 1268484

Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.3	10.9
80	10.3	8.5	12.7

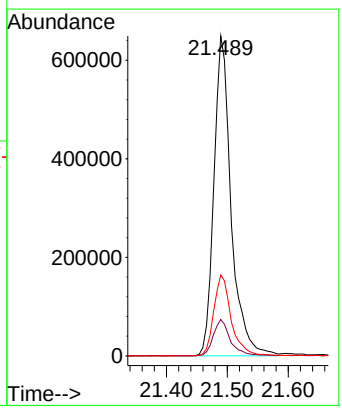


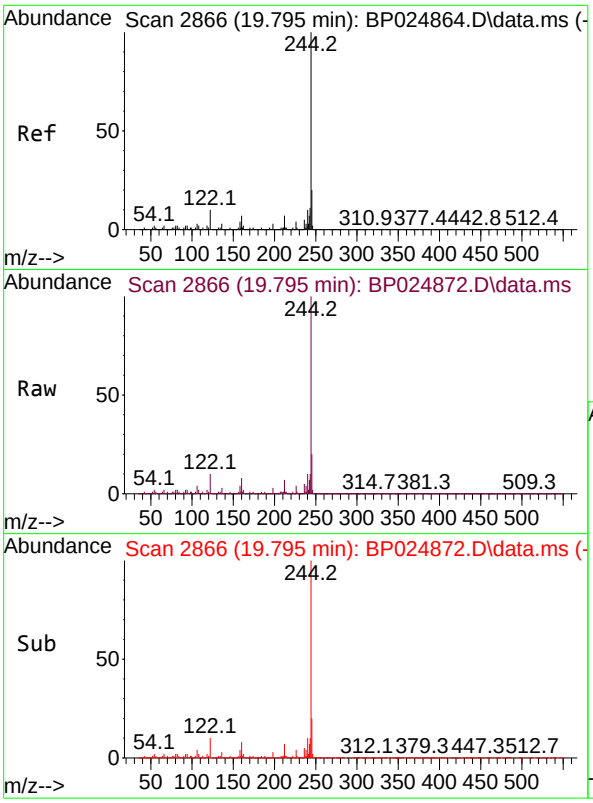


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.489 min Scan# 3154
Delta R.T. 0.006 min
Lab File: BP024872.D
Acq: 09 Jun 2025 11:24

Tgt Ion:240 Resp: 1277128

Ion	Ratio	Lower	Upper
240	100		
120	11.4	8.9	13.3
236	25.3	20.9	31.3



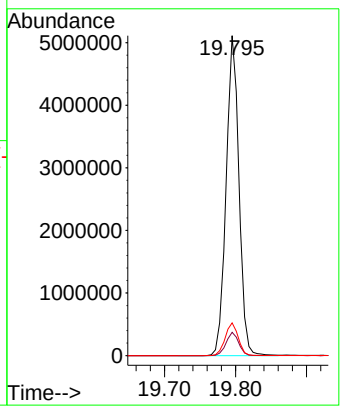


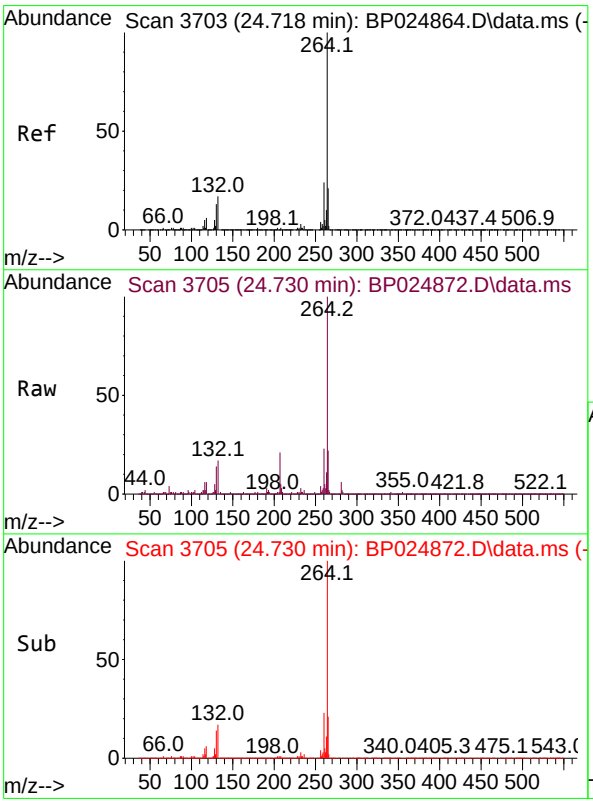
#79
Terphenyl-d14
Concen: 90.145 ng
RT: 19.795 min Scan# 28
Delta R.T. -0.000 min
Lab File: BP024872.D
Acq: 09 Jun 2025 11:24

Instrument :
BNA_P
ClientSampleId :
PB168323BL

Tgt Ion:244 Resp: 6423595

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.6	8.4
122	10.2	7.7	11.5

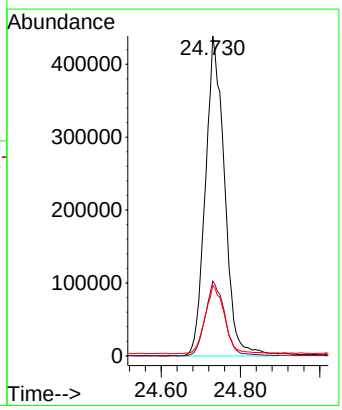




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.730 min Scan# 3705
Delta R.T. 0.012 min
Lab File: BP024872.D
Acq: 09 Jun 2025 11:24

Tgt Ion:264 Resp: 1472674

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.0	28.4
265	22.1	17.4	26.0



LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024872.D
Acq On : 09 Jun 2025 11:24
Operator : RC/JU
Sample : PB168323BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB168323BL

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP024872.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.778	308	313	326	rBV	510577	718345	4.10%	0.915%
2	5.243	385	392	419	rBV	5252634	8227174	46.92%	10.484%
3	6.814	652	659	680	rBV	5181034	8289401	47.27%	10.563%
4	7.608	787	794	814	rBV	1050014	1608526	9.17%	2.050%
5	8.760	980	990	1017	rBV	3138266	5402410	30.81%	6.884%
6	10.378	1258	1265	1287	rBV	1117329	2188080	12.48%	2.788%
7	12.860	1680	1687	1700	rBV	8116404	11956272	68.18%	15.236%
8	14.248	1915	1923	1940	rBV	1870333	2816175	16.06%	3.589%
9	15.778	2175	2183	2203	rBV	6677976	9467932	53.99%	12.065%
10	17.066	2395	2402	2418	rBV2	1929882	3204288	18.27%	4.083%
11	19.795	2859	2866	2877	rBV	13858273	17536338	100.00%	22.347%
12	21.489	3148	3154	3165	rBV2	1767894	3429892	19.56%	4.371%
13	24.730	3697	3705	3722	rVB	1140049	3628218	20.69%	4.624%

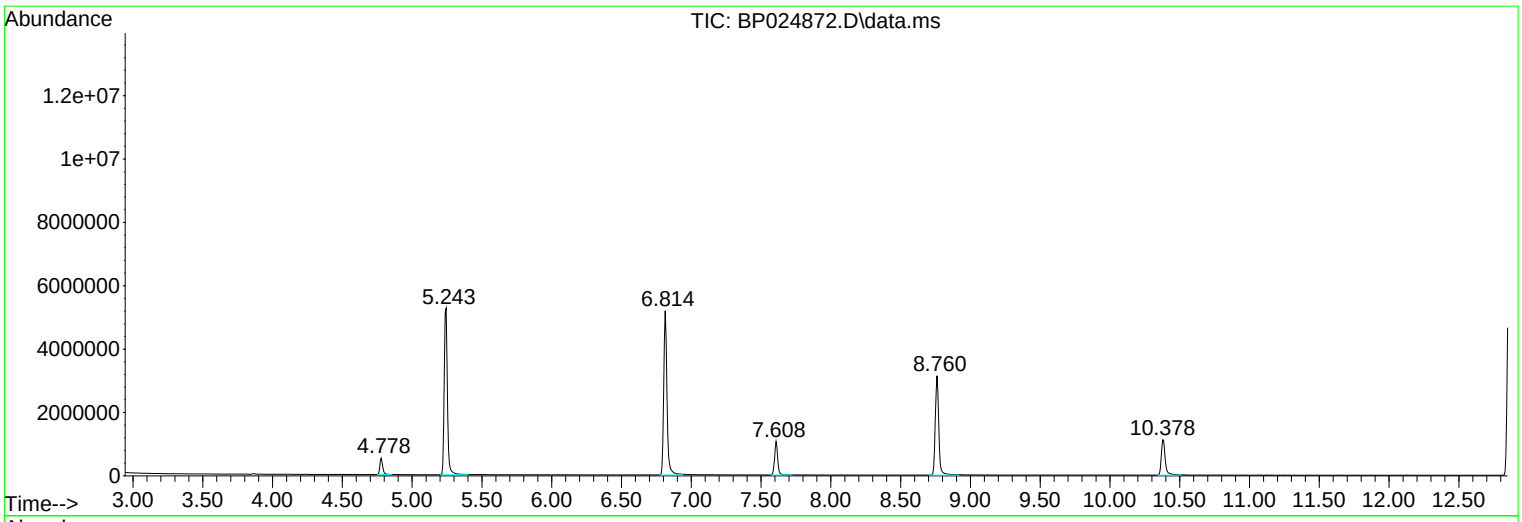
Sum of corrected areas: 78473051

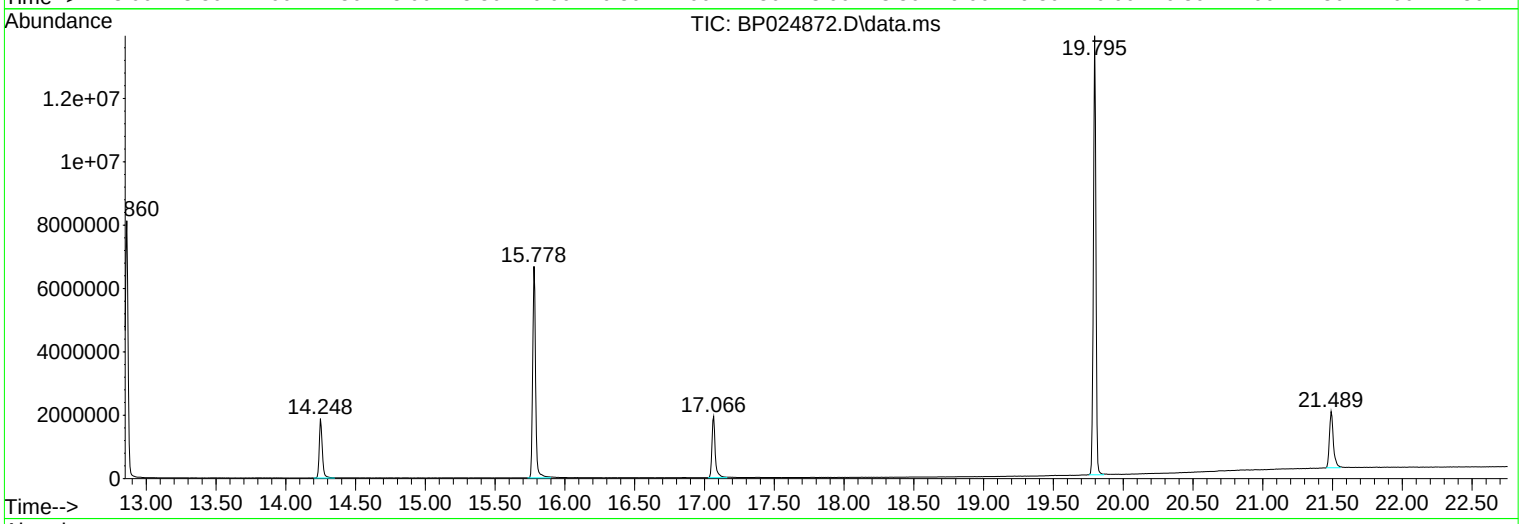
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024872.D
Acq On : 09 Jun 2025 11:24
Operator : RC/JU
Sample : PB168323BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

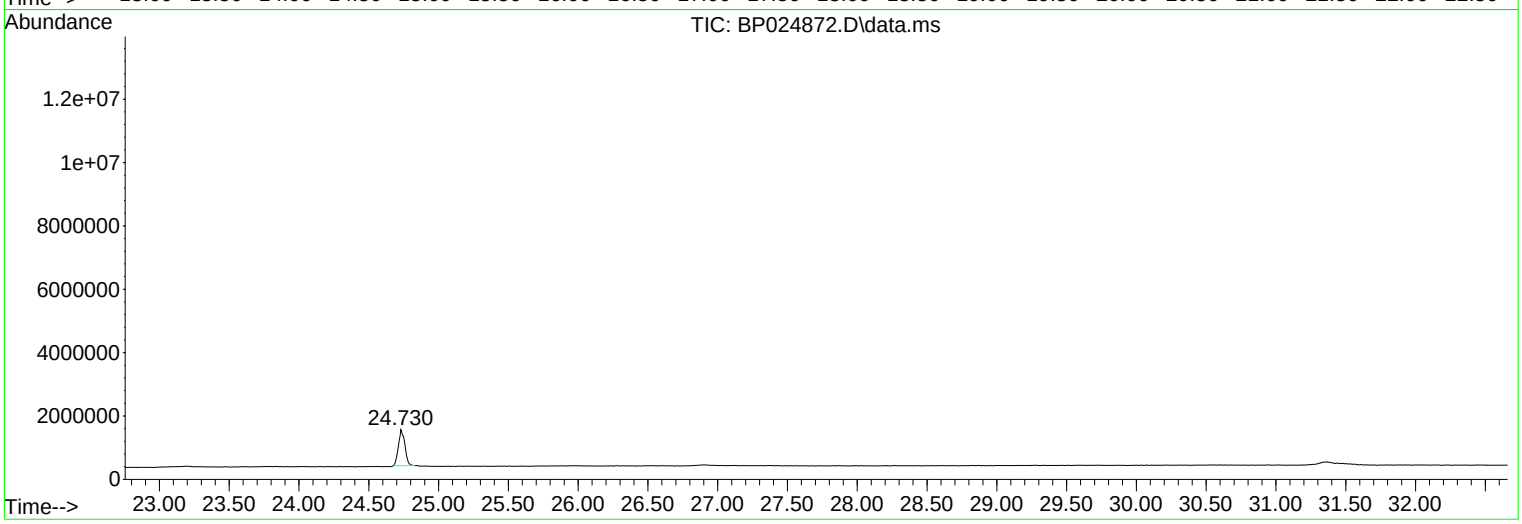
Instrument :
BNA_P
ClientSampleId :
PB168323BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024872.D
Acq On : 09 Jun 2025 11:24
Operator : RC/JU
Sample : PB168323BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB168323BL

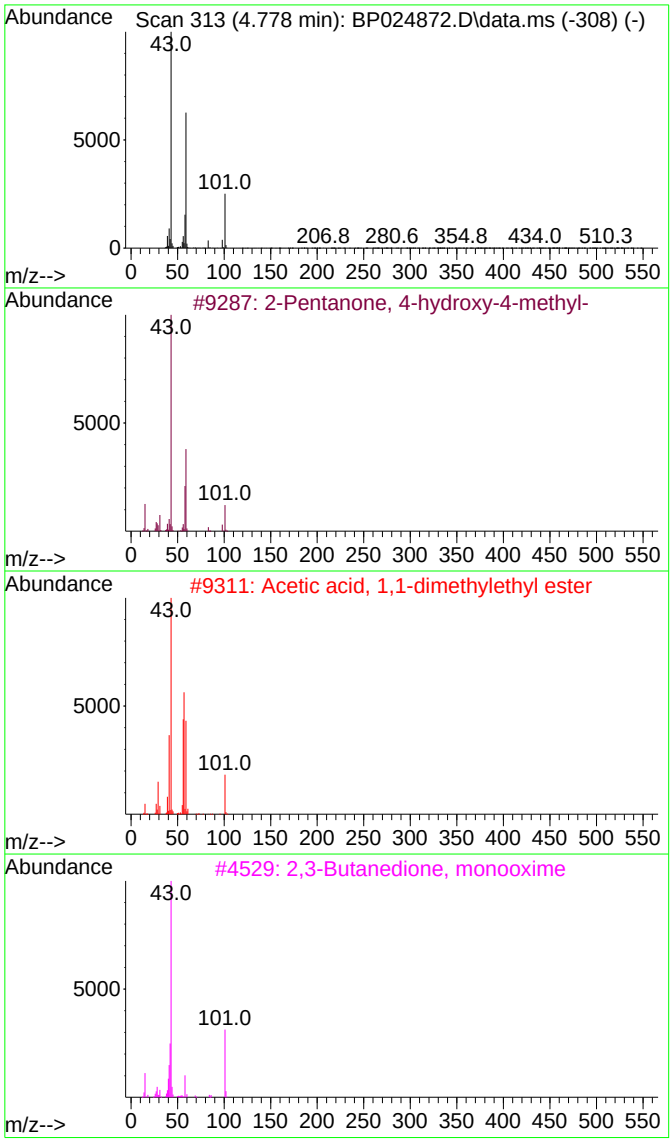
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

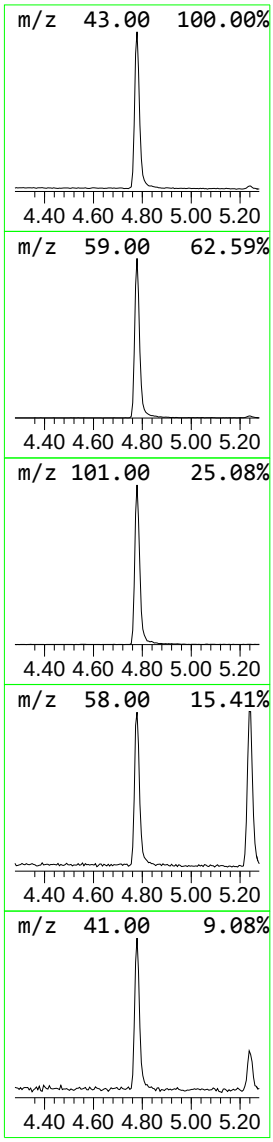
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.778	8.93 ng	718345	1,4-Dichlorobenzene-d4	7.608

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024872.D
Acq On : 09 Jun 2025 11:24
Operator : RC/JU
Sample : PB168323BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB168323BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	4.778	8.9	ng	718345	1	7.608	1608530	20.0

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024873.D
Acq On : 09 Jun 2025 12:05
Operator : RC/JU
Sample : PB168323BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB168323BS

Quant Time: Jun 09 12:32:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.608	152	251786	20.000	ng	0.00
21) Naphthalene-d8	10.378	136	1016039	20.000	ng	0.00
39) Acenaphthene-d10	14.248	164	628283	20.000	ng	0.00
64) Phenanthrene-d10	17.060	188	1189376	20.000	ng	0.00
76) Chrysene-d12	21.483	240	1268867	20.000	ng	0.00
86) Perylene-d12	24.724	264	1547954	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.243	112	2150315	142.554	ng	0.00
7) Phenol-d6	6.819	99	2717026	136.137	ng	0.00
23) Nitrobenzene-d5	8.760	82	1661117	79.445	ng	0.00
42) 2,4,6-Tribromophenol	15.778	330	1140597	131.309	ng	0.00
45) 2-Fluorobiphenyl	12.854	172	3633814	77.914	ng	0.00
79) Terphenyl-d14	19.777	244	5609281	79.230	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.172	88	239942	36.151	ng	97
3) Pyridine	3.567	79	632702	39.638	ng	99
4) n-Nitrosodimethylamine	3.478	42	294319	45.102	ng	100
6) Aniline	6.955	93	816918	32.074	ng	100
8) 2-Chlorophenol	7.190	128	832660	48.694	ng	98
9) Benzaldehyde	6.766	77	414614	36.042	ng	98
10) Phenol	6.843	94	1008585	49.021	ng	99
11) bis(2-Chloroethyl)ether	7.043	93	726397	44.889	ng	97
12) 1,3-Dichlorobenzene	7.502	146	833695	43.703	ng	99
13) 1,4-Dichlorobenzene	7.649	146	840877	43.687	ng	99
14) 1,2-Dichlorobenzene	7.955	146	821435	43.460	ng	99
15) Benzyl Alcohol	7.860	79	691313	45.133	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.131	45	912010	43.060	ng	100
17) 2-Methylphenol	8.072	107	681305	47.420	ng	99
18) Hexachloroethane	8.666	117	317537	43.819	ng	97
19) n-Nitroso-di-n-propyla...	8.413	70	568500	41.901	ng	99
20) 3+4-Methylphenols	8.396	107	915040	46.681	ng	96
22) Acetophenone	8.431	105	1160850	45.221	ng	98
24) Nitrobenzene	8.802	77	859288	46.259	ng	100
25) Isophorone	9.325	82	1564267	43.167	ng	100
26) 2-Nitrophenol	9.507	139	433908	47.343	ng	100
27) 2,4-Dimethylphenol	9.578	122	754390	48.094	ng	99
28) bis(2-Chloroethoxy)met...	9.796	93	977653	45.227	ng	99
29) 2,4-Dichlorophenol	10.054	162	741425	49.263	ng	99
30) 1,2,4-Trichlorobenzene	10.243	180	756797	44.582	ng	100
31) Naphthalene	10.431	128	2358732	45.301	ng	99
32) Benzoic acid	9.766	122	501882	47.349	ng	99
33) 4-Chloroaniline	10.554	127	443141	20.314	ng	99
34) Hexachlorobutadiene	10.707	225	459112	44.873	ng	99
35) Caprolactam	11.349	113	252952	45.658	ng	92
36) 4-Chloro-3-methylphenol	11.696	107	820968	47.292	ng	100
37) 2-Methylnaphthalene	12.048	142	1487861	45.048	ng	99
38) 1-Methylnaphthalene	12.266	142	1560851	44.203	ng	99
40) 1,2,4,5-Tetrachloroben...	12.419	216	822077	46.112	ng	99
41) Hexachlorocyclopentadiene	12.390	237	1097762	100.954	ng	99
43) 2,4,6-Trichlorophenol	12.678	196	577250	48.214	ng	98

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024873.D
Acq On : 09 Jun 2025 12:05
Operator : RC/JU
Sample : PB168323BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB168323BS

Quant Time: Jun 09 12:32:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 2025
Response via : Initial Calibration

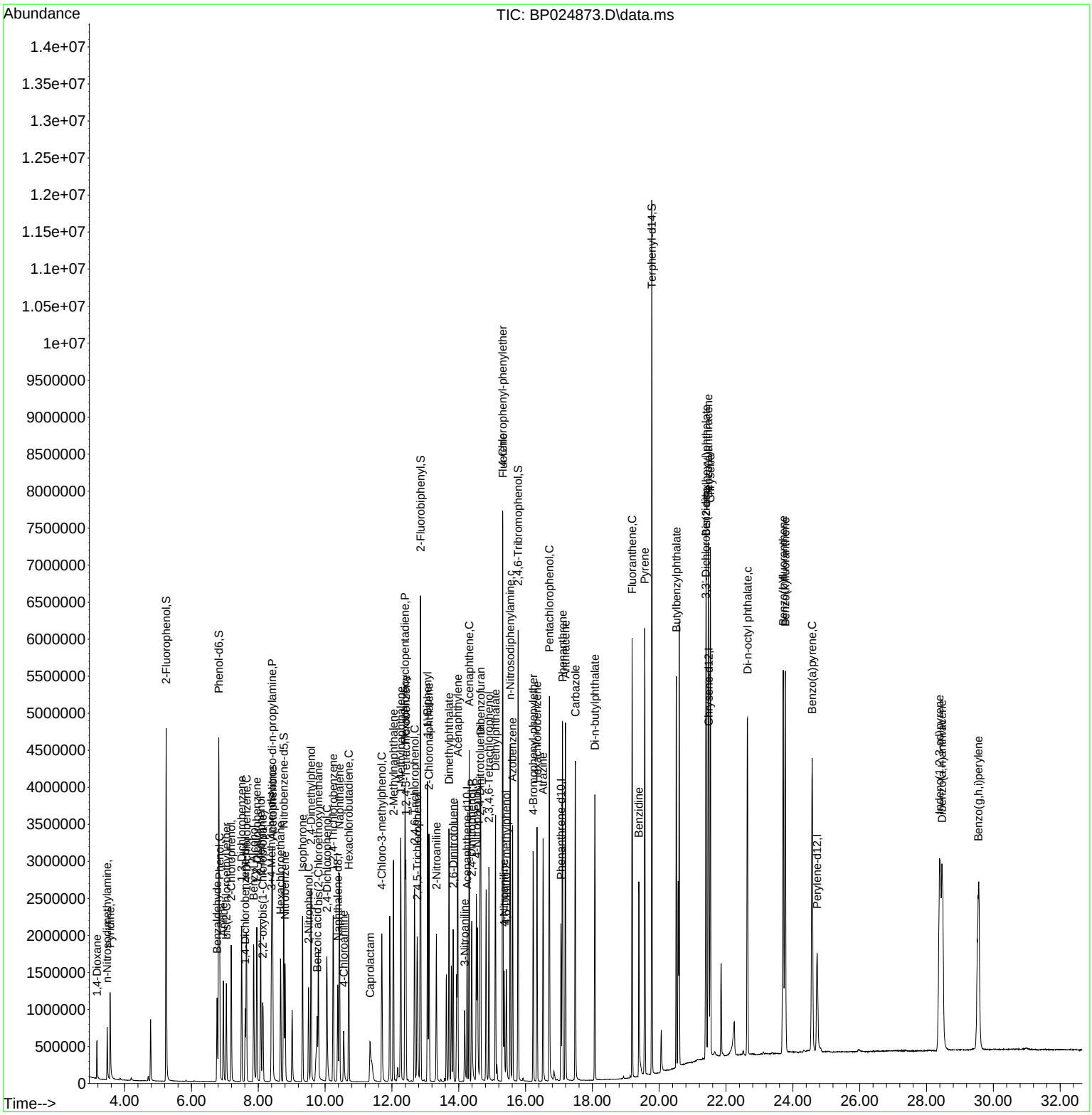
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.760	196	635990	49.602	ng		98
46) 1,1'-Biphenyl	13.066	154	2093200	45.844	ng		100
47) 2-Chloronaphthalene	13.107	162	1620819	46.187	ng		99
48) 2-Nitroaniline	13.331	65	521042	48.295	ng		99
49) Acenaphthylene	13.972	152	2661012	45.478	ng		100
50) Dimethylphthalate	13.707	163	2077480	44.824	ng		100
51) 2,6-Dinitrotoluene	13.837	165	461134	46.153	ng		100
52) Acenaphthene	14.313	154	1516438	45.227	ng		99
53) 3-Nitroaniline	14.178	138	268082	25.855	ng		92
54) 2,4-Dinitrophenol	14.390	184	594890	90.641	ng		98
55) Dibenzofuran	14.654	168	2381540	44.250	ng		97
56) 4-Nitrophenol	14.531	139	809101	91.350	ng		97
57) 2,4-Dinitrotoluene	14.637	165	656655	46.983	ng		97
58) Fluorene	15.319	166	1942620	44.681	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.901	232	537424	46.912	ng		100
60) Diethylphthalate	15.101	149	2045901	44.293	ng		99
61) 4-Chlorophenyl-phenyle...	15.313	204	938236	44.135	ng		99
62) 4-Nitroaniline	15.360	138	424134	45.113	ng		98
63) Azobenzene	15.607	77	1915956	45.227	ng		99
65) 4,6-Dinitro-2-methylph...	15.425	198	378653	48.450	ng		94
66) n-Nitrosodiphenylamine	15.542	169	1726506	46.833	ng		99
67) 4-Bromophenyl-phenylether	16.231	248	614107	45.760	ng		98
68) Hexachlorobenzene	16.342	284	742281	45.626	ng		100
69) Atrazine	16.525	200	624545	46.732	ng		99
70) Pentachlorophenol	16.713	266	905521	107.544	ng		99
71) Phenanthrene	17.107	178	3008256	45.769	ng		99
72) Anthracene	17.195	178	3062015	46.000	ng		100
73) Carbazole	17.489	167	2922226	47.362	ng		99
74) Di-n-butylphthalate	18.072	149	3522628	46.080	ng		100
75) Fluoranthene	19.189	202	3495628	45.886	ng		100
77) Benzidine	19.389	184	1601949	40.763	ng		100
78) Pyrene	19.566	202	3666214	46.249	ng		100
80) Butylbenzylphthalate	20.513	149	1686399	46.444	ng		98
81) Benzo(a)anthracene	21.472	228	3780920	46.589	ng		99
82) 3,3'-Dichlorobenzidine	21.395	252	850267	26.391	ng		97
83) Chrysene	21.530	228	3570095	46.428	ng		100
84) Bis(2-ethylhexyl)phtha...	21.407	149	2473280	47.541	ng		99
85) Di-n-octyl phthalate	22.642	149	4412263	48.117	ng		100
87) Indeno(1,2,3-cd)pyrene	28.389	276	5348458	47.356	ng	#	93
88) Benzo(b)fluoranthene	23.713	252	4190360	47.301	ng		100
89) Benzo(k)fluoranthene	23.771	252	4281583	47.480	ng		100
90) Benzo(a)pyrene	24.577	252	4126678	47.699	ng		100
91) Dibenzo(a,h)anthracene	28.465	278	4377382	47.615	ng		99
92) Benzo(g,h,i)perylene	29.553	276	4343110	47.614	ng		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024873.D
Acq On : 09 Jun 2025 12:05
Operator : RC/JU
Sample : PB168323BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB168323BS

Quant Time: Jun 09 12:32:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024879.D
Acq On : 09 Jun 2025 16:14
Operator : RC/JU
Sample : Q2230-03MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jun 09 16:37:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.608	152	226271	20.000	ng		0.00
21) Naphthalene-d8	10.372	136	937705	20.000	ng		0.00
39) Acenaphthene-d10	14.248	164	608220	20.000	ng		0.00
64) Phenanthrene-d10	17.042	188	1235201	20.000	ng		-0.02
76) Chrysene-d12	21.471	240	1490396	20.000	ng		-0.01
86) Perylene-d12	24.713	264	1839742	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.237	112	1074133	79.239	ng		0.00
7) Phenol-d6	6.813	99	910001	50.737	ng		0.00
23) Nitrobenzene-d5	8.755	82	1746878	90.525	ng		0.00
42) 2,4,6-Tribromophenol	15.766	330	1358561	161.561	ng		-0.02
45) 2-Fluorobiphenyl	12.854	172	3865377	85.613	ng		0.00
79) Terphenyl-d14	19.772	244	6686167	80.403	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.161	88	103583	17.366	ng		98
3) Pyridine	3.567	79	219668	15.314	ng		99
4) n-Nitrosodimethylamine	3.472	42	133962	22.843	ng	#	97
6) Aniline	6.949	93	639123	27.923	ng		99
8) 2-Chlorophenol	7.184	128	670519	43.633	ng		99
9) Benzaldehyde	6.761	77	392669	37.983	ng	#	78
10) Phenol	6.837	94	339071	18.338	ng		97
11) bis(2-Chloroethyl)ether	7.043	93	715637	49.210	ng		99
12) 1,3-Dichlorobenzene	7.496	146	416765	24.311	ng		97
13) 1,4-Dichlorobenzene	7.643	146	432880	25.026	ng		99
14) 1,2-Dichlorobenzene	7.949	146	451268	26.568	ng		99
15) Benzyl Alcohol	7.855	79	501705	36.448	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.119	45	819608	43.061	ng		100
17) 2-Methylphenol	8.066	107	478615	37.069	ng		99
18) Hexachloroethane	8.666	117	155606m	23.894	ng		
19) n-Nitroso-di-n-propyla...	8.407	70	589747	48.369	ng		99
20) 3+4-Methylphenols	8.390	107	696463	39.537	ng		96
22) Acetophenone	8.425	105	1270478	53.626	ng		98
24) Nitrobenzene	8.802	77	903653	52.712	ng		100
25) Isophorone	9.319	82	1657547	49.562	ng		100
26) 2-Nitrophenol	9.502	139	428106	50.612	ng		100
27) 2,4-Dimethylphenol	9.572	122	669434	46.243	ng		99
28) bis(2-Chloroethoxy)met...	9.796	93	999092	50.080	ng		100
29) 2,4-Dichlorophenol	10.049	162	707035	50.902	ng		98
30) 1,2,4-Trichlorobenzene	10.243	180	516309	32.956	ng		98
31) Naphthalene	10.419	128	1968432	40.963	ng		99
32) Benzoic acid	9.731	122	287683	29.408	ng		97
33) 4-Chloroaniline	10.549	127	606221	30.111	ng		100
34) Hexachlorobutadiene	10.701	225	262066	27.754	ng		99
35) Caprolactam	11.384	113	57413	11.229	ng		91
36) 4-Chloro-3-methylphenol	11.696	107	778238	48.575	ng		99
37) 2-Methylnaphthalene	12.043	142	1423955	46.715	ng		100
38) 1-Methylnaphthalene	12.260	142	1532980	47.041	ng		99
40) 1,2,4,5-Tetrachloroben...	12.419	216	772203	44.743	ng		100
41) Hexachlorocyclopentadiene	12.390	237	634443	60.270	ng		98
43) 2,4,6-Trichlorophenol	12.672	196	619974	53.491	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024879.D
Acq On : 09 Jun 2025 16:14
Operator : RC/JU
Sample : Q2230-03MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jun 09 16:37:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.760	196	689722	55.567	ng		99
46) 1,1'-Biphenyl	13.066	154	2130271	48.195	ng		99
47) 2-Chloronaphthalene	13.113	162	1586923	46.713	ng		99
48) 2-Nitroaniline	13.331	65	513858	49.201	ng		98
49) Acenaphthylene	13.966	152	2758277	48.695	ng		100
50) Dimethylphthalate	13.707	163	2326607	51.855	ng		99
51) 2,6-Dinitrotoluene	13.831	165	520460	53.809	ng		98
52) Acenaphthene	14.313	154	1623696	50.024	ng		100
53) 3-Nitroaniline	14.172	138	327021	32.579	ng		97
54) 2,4-Dinitrophenol	14.390	184	631766	98.895	ng		97
55) Dibenzofuran	14.654	168	2632901	50.534	ng		99
56) 4-Nitrophenol	14.531	139	373587	46.400	ng		96
57) 2,4-Dinitrotoluene	14.637	165	781392	57.752	ng		94
58) Fluorene	15.313	166	2173195	51.633	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.895	232	614576	55.416	ng		99
60) Diethylphthalate	15.089	149	2433354	54.419	ng		98
61) 4-Chlorophenyl-phenyle...	15.307	204	1058252	51.423	ng		99
62) 4-Nitroaniline	15.354	138	410751	45.131	ng		92
63) Azobenzene	15.607	77	2201630	53.685	ng		98
65) 4,6-Dinitro-2-methylph...	15.413	198	417305	51.415	ng		98
66) n-Nitrosodiphenylamine	15.537	169	1925767	50.300	ng		100
67) 4-Bromophenyl-phenylether	16.219	248	709283	50.892	ng		99
68) Hexachlorobenzene	16.336	284	866860	51.306	ng		95
69) Atrazine	16.513	200	769920	55.473	ng		99
70) Pentachlorophenol	16.701	266	1182979	135.284	ng		99
71) Phenanthrene	17.089	178	3521952	51.597	ng		99
72) Anthracene	17.183	178	3572743	51.681	ng		100
73) Carbazole	17.466	167	3563378	55.611	ng		99
74) Di-n-butylphthalate	18.048	149	4450239	56.055	ng		100
75) Fluoranthene	19.172	202	4382489	55.394	ng		99
77) Benzidine	19.395	184	20413m	0.442	ng		
78) Pyrene	19.542	202	4596154	49.362	ng		100
80) Butylbenzylphthalate	20.501	149	2325334	54.521	ng		96
81) Benzo(a)anthracene	21.448	228	4992990	52.380	ng		100
82) 3,3'-Dichlorobenzidine	21.377	252	694512	18.352	ng		99
83) Chrysene	21.519	228	4628895	51.249	ng		99
84) Bis(2-ethylhexyl)phtha...	21.383	149	3362786	55.031	ng		99
85) Di-n-octyl phthalate	22.624	149	6039039	56.069	ng		99
87) Indeno(1,2,3-cd)pyrene	28.395	276	7251483	54.022	ng	#	94
88) Benzo(b)fluoranthene	23.695	252	5677984	53.928	ng		99
89) Benzo(k)fluoranthene	23.760	252	5461372	50.958	ng		99
90) Benzo(a)pyrene	24.565	252	5342607	51.959	ng		99
91) Dibenzo(a,h)anthracene	28.465	278	6032384	55.211	ng		100
92) Benzo(g,h,i)perylene	29.536	276	5867002	54.120	ng		99

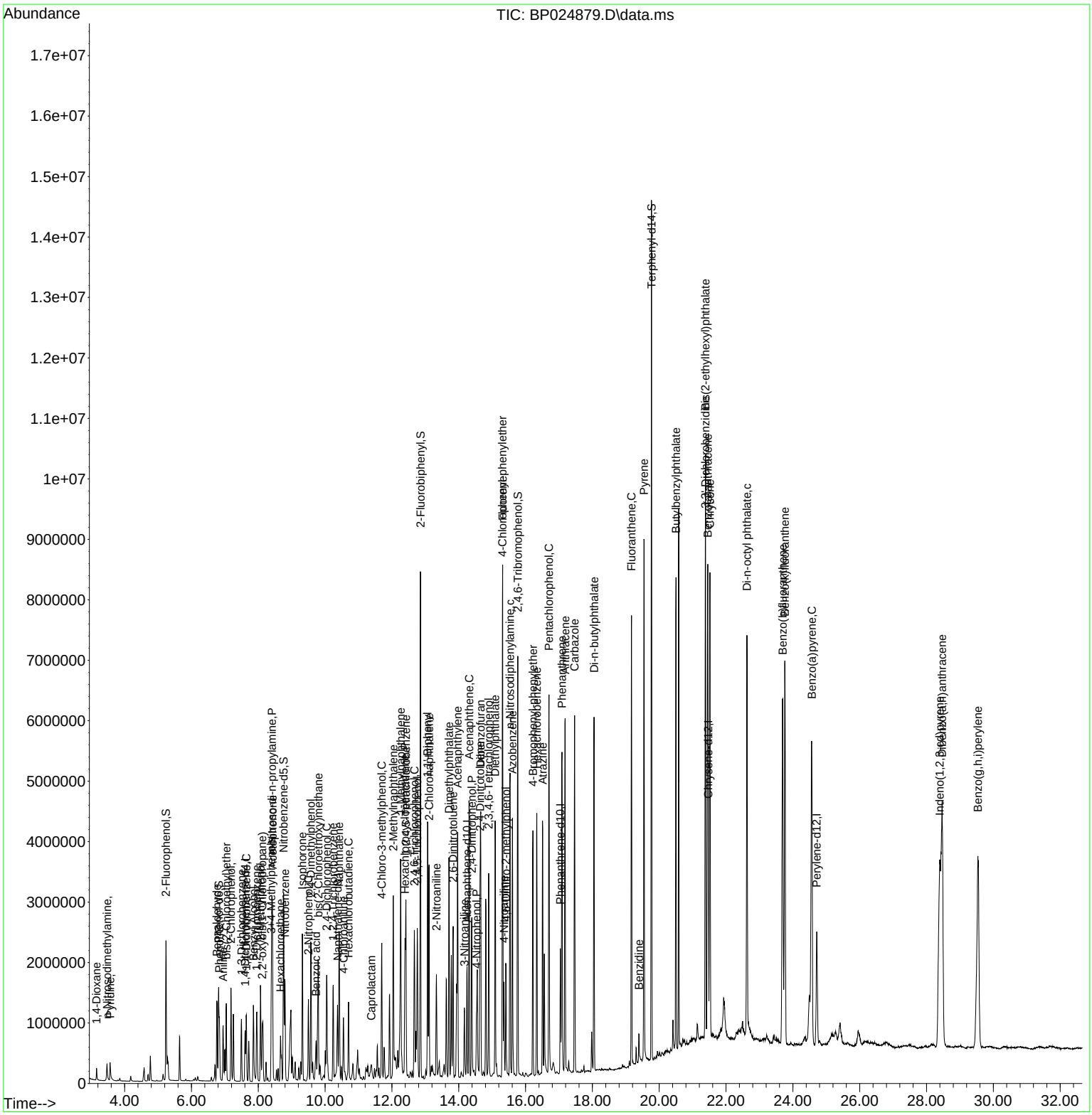
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024879.D
Acq On : 09 Jun 2025 16:14
Operator : RC/JU
Sample : Q2230-03MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Jun 09 16:37:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024880.D
Acq On : 09 Jun 2025 16:55
Operator : RC/JU
Sample : Q2230-04MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jun 09 17:23:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MSD

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.608	152	335961	20.000	ng	0.00
21) Naphthalene-d8	10.378	136	1346862	20.000	ng	0.00
39) Acenaphthene-d10	14.248	164	841053	20.000	ng	0.00
64) Phenanthrene-d10	17.042	188	1657665	20.000	ng	-0.02
76) Chrysene-d12	21.477	240	1681535	20.000	ng	0.00
86) Perylene-d12	24.730	264	1927042	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.243	112	1493936	74.225	ng	0.00
7) Phenol-d6	6.813	99	1233920	46.335	ng	0.00
23) Nitrobenzene-d5	8.760	82	2438439	87.976	ng	0.00
42) 2,4,6-Tribromophenol	15.766	330	1844847	158.655	ng	-0.02
45) 2-Fluorobiphenyl	12.854	172	5360805	85.864	ng	0.00
79) Terphenyl-d14	19.772	244	8381201	89.330	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.172	88	161256	18.208	ng	# 96
3) Pyridine	3.572	79	330125	15.500	ng	98
4) n-Nitrosodimethylamine	3.478	42	190267	21.852	ng	# 97
6) Aniline	6.949	93	870597	25.617	ng	99
8) 2-Chlorophenol	7.190	128	935721	41.010	ng	99
9) Benzaldehyde	6.766	77	560379	36.508	ng	# 76
10) Phenol	6.843	94	466808	17.004	ng	98
11) bis(2-Chloroethyl)ether	7.043	93	1018320	47.162	ng	99
12) 1,3-Dichlorobenzene	7.502	146	608351	23.900	ng	99
13) 1,4-Dichlorobenzene	7.643	146	628703	24.480	ng	100
14) 1,2-Dichlorobenzene	7.955	146	647114	25.659	ng	98
15) Benzyl Alcohol	7.860	79	695705	34.040	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.131	45	1181061	41.791	ng	100
17) 2-Methylphenol	8.072	107	666028	34.742	ng	99
18) Hexachloroethane	8.672	117	226470m	23.422	ng	
19) n-Nitroso-di-n-propyla...	8.413	70	818207	45.196	ng	100
20) 3+4-Methylphenols	8.396	107	946970	36.206	ng	97
22) Acetophenone	8.431	105	1776046	52.192	ng	98
24) Nitrobenzene	8.802	77	1268698	51.524	ng	98
25) Isophorone	9.325	82	2307754	48.041	ng	100
26) 2-Nitrophenol	9.507	139	604321	49.741	ng	99
27) 2,4-Dimethylphenol	9.578	122	915691	44.039	ng	99
28) bis(2-Chloroethoxy)met...	9.796	93	1419352	49.533	ng	99
29) 2,4-Dichlorophenol	10.049	162	972262	48.733	ng	99
30) 1,2,4-Trichlorobenzene	10.243	180	735365	32.679	ng	98
31) Naphthalene	10.425	128	2733509	39.604	ng	99
32) Benzoic acid	9.749	122	395443	28.143	ng	96
33) 4-Chloroaniline	10.549	127	786095	27.184	ng	99
34) Hexachlorobutadiene	10.707	225	383395	28.269	ng	99
35) Caprolactam	11.401	113	74360	10.125	ng	# 89
36) 4-Chloro-3-methylphenol	11.696	107	1057705	45.963	ng	100
37) 2-Methylnaphthalene	12.043	142	2000223	45.686	ng	100
38) 1-Methylnaphthalene	12.260	142	2147003	45.868	ng	99
40) 1,2,4,5-Tetrachloroben...	12.419	216	1093780	45.831	ng	100
41) Hexachlorocyclopentadiene	12.396	237	967365	66.457	ng	99
43) 2,4,6-Trichlorophenol	12.672	196	851953	53.157	ng	100

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024880.D
Acq On : 09 Jun 2025 16:55
Operator : RC/JU
Sample : Q2230-04MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jun 09 17:23:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MSD

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.760	196	931664	54.280	ng		98
46) 1,1'-Biphenyl	13.072	154	2985178	48.840	ng		98
47) 2-Chloronaphthalene	13.107	162	2227755	47.423	ng		99
48) 2-Nitroaniline	13.331	65	670214	46.407	ng		97
49) Acenaphthylene	13.966	152	3760375	48.008	ng		100
50) Dimethylphthalate	13.719	163	3142438	50.649	ng		100
51) 2,6-Dinitrotoluene	13.831	165	700478	52.372	ng		99
52) Acenaphthene	14.313	154	2223943	49.549	ng		99
53) 3-Nitroaniline	14.172	138	423824	30.534	ng		100
54) 2,4-Dinitrophenol	14.390	184	881046	99.689	ng		99
55) Dibenzofuran	14.648	168	3562013	49.440	ng		99
56) 4-Nitrophenol	14.525	139	470374	42.732	ng		98
57) 2,4-Dinitrotoluene	14.637	165	1010355	54.002	ng		97
58) Fluorene	15.313	166	2947017	50.635	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.895	232	823770	53.716	ng		99
60) Diethylphthalate	15.095	149	3296154	53.307	ng		99
61) 4-Chlorophenyl-phenyle...	15.307	204	1446499	50.830	ng		99
62) 4-Nitroaniline	15.354	138	523586	41.603	ng		96
63) Azobenzene	15.607	77	2984270	52.624	ng		99
65) 4,6-Dinitro-2-methylph...	15.413	198	573565	52.658	ng		99
66) n-Nitrosodiphenylamine	15.531	169	2570412	50.028	ng		99
67) 4-Bromophenyl-phenylether	16.219	248	997886	53.352	ng		99
68) Hexachlorobenzene	16.337	284	1181954	52.127	ng		96
69) Atrazine	16.513	200	1005027	53.958	ng		99
70) Pentachlorophenol	16.701	266	1568201	133.632	ng		99
71) Phenanthrene	17.089	178	4614297	50.372	ng		99
72) Anthracene	17.184	178	4618867	49.786	ng		99
73) Carbazole	17.472	167	4426692	51.477	ng		99
74) Di-n-butylphthalate	18.048	149	6002825	56.341	ng		100
75) Fluoranthene	19.178	202	5483337	51.645	ng		99
77) Benzidine	19.407	184	15854m	0.304	ng		
78) Pyrene	19.554	202	5611099	53.412	ng		100
80) Butylbenzylphthalate	20.513	149	2857974	59.393	ng		97
81) Benzo(a)anthracene	21.460	228	5574248	51.831	ng		99
82) 3,3'-Dichlorobenzidine	21.389	252	731610	17.135	ng		98
83) Chrysene	21.524	228	5240307	51.424	ng		99
84) Bis(2-ethylhexyl)phtha...	21.395	149	4311017	62.529	ng		99
85) Di-n-octyl phthalate	22.636	149	7409270	60.971	ng		99
87) Indeno(1,2,3-cd)pyrene	28.436	276	7307495	51.973	ng	#	91
88) Benzo(b)fluoranthene	23.713	252	5806971	52.654	ng		99
89) Benzo(k)fluoranthene	23.777	252	5816924	51.816	ng		99
90) Benzo(a)pyrene	24.589	252	5546665	51.500	ng		99
91) Dibenzo(a,h)anthracene	28.477	278	6005498	52.475	ng		99
92) Benzo(g,h,i)perylene	29.559	276	5809887	51.165	ng		99

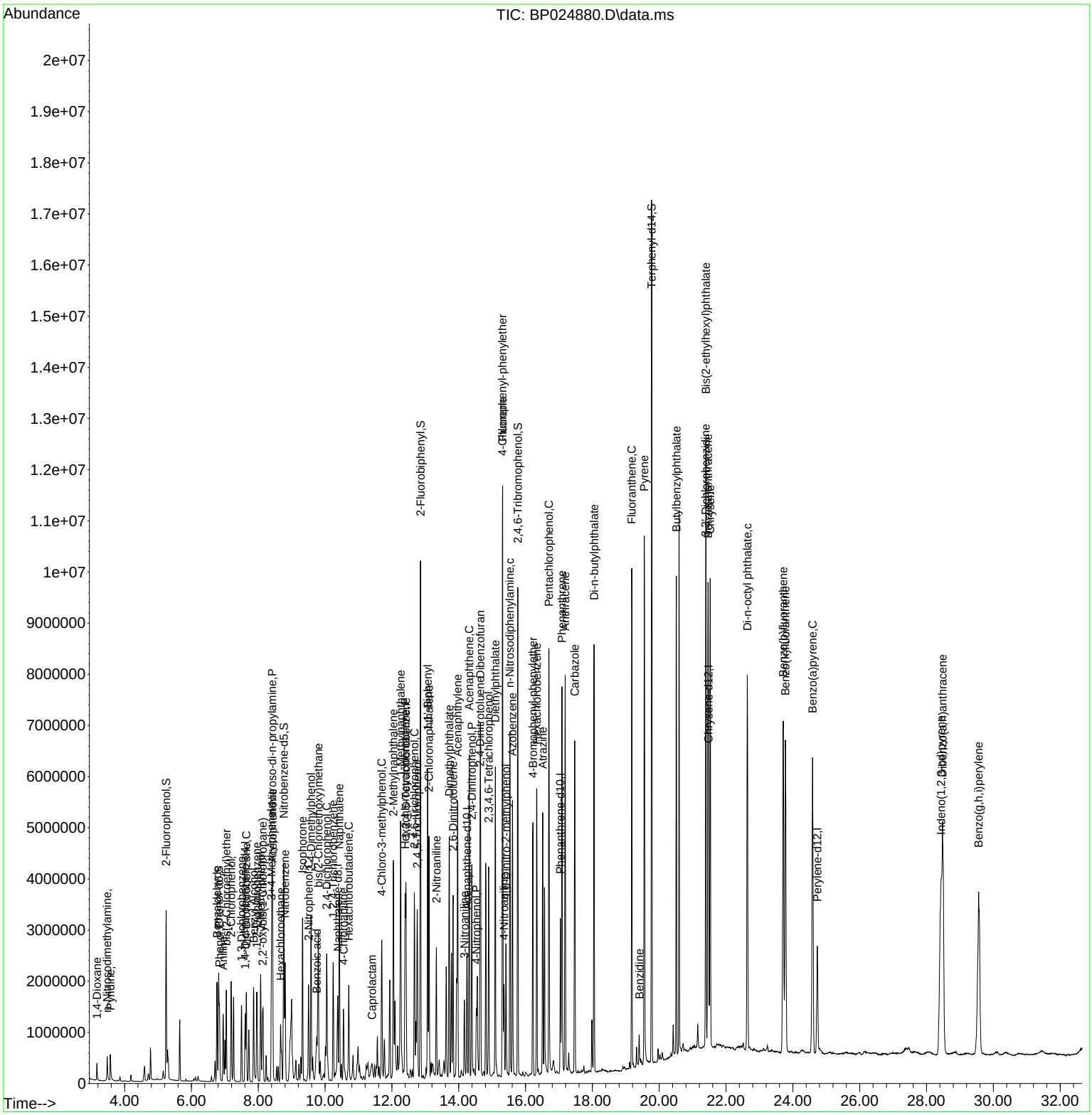
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024880.D
Acq On : 09 Jun 2025 16:55
Operator : RC/JU
Sample : Q2230-04MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Jun 09 17:23:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MSD

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	BP060625	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BP024861.D	2,3,4,6-Tetrachlorophenol	Rahul	6/9/2025 10:51:15 AM	Jagrut	6/9/2025 12:08:47 PM	Peak Integrated by Software
SSTDICC005	BP024861.D	4-Nitroaniline	Rahul	6/9/2025 10:51:15 AM	Jagrut	6/9/2025 12:08:47 PM	Peak Integrated by Software
SSTDICC010	BP024862.D	Benzaldehyde	Rahul	6/9/2025 10:51:18 AM	Jagrut	6/9/2025 12:08:50 PM	Peak Integrated by Software
SSTDICC010	BP024862.D	Benzo(b)fluoranthene	Rahul	6/9/2025 10:51:18 AM	Jagrut	6/9/2025 12:08:50 PM	Peak Integrated by Software
SSTDICC010	BP024862.D	Benzoic acid	Rahul	6/9/2025 10:51:18 AM	Jagrut	6/9/2025 12:08:50 PM	Peak Integrated by Software
SSTDICC020	BP024863.D	Benzaldehyde	Rahul	6/9/2025 10:51:20 AM	Jagrut	6/9/2025 12:08:52 PM	Peak Integrated by Software
SSTDICV040	BP024868.D	Benzaldehyde	Rahul	6/9/2025 10:51:26 AM	Jagrut	6/9/2025 12:08:55 PM	Peak Integrated by Software

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	BP060925	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BP024871.D	Benzaldehyde	Rahul	6/10/2025 10:03:10 AM	Jagrut	6/10/2025 11:16:44 AM	Peak Integrated by Software
Q2230-03MS	BP024879.D	Benzidine	Rahul	6/10/2025 10:03:17 AM	Jagrut	6/10/2025 11:16:53 AM	Peak Integrated by Software
Q2230-03MS	BP024879.D	Hexachloroethane	Rahul	6/10/2025 10:03:17 AM	Jagrut	6/10/2025 11:16:53 AM	Peak Integrated by Software
Q2230-04MSD	BP024880.D	Benzidine	Rahul	6/10/2025 10:03:29 AM	Jagrut	6/10/2025 11:16:56 AM	Peak Integrated by Software
Q2230-04MSD	BP024880.D	Hexachloroethane	Rahul	6/10/2025 10:03:29 AM	Jagrut	6/10/2025 11:16:56 AM	Peak Integrated by Software

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP060625

Review By	Rahul	Review On	6/9/2025 11:36:10 AM		
Supervise By	Jagrut	Supervise On	6/9/2025 12:09:52 PM		
SubDirectory	BP060625	HP Acquire Method	BNA_P	HP Processing Method	BP060625

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12667,10ul/1000ul sample
ICV/I.BLK	SP6796
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP024859.D	06 Jun 2025 09:49	RC/JU	Ok
2	SSTDICC2.5	BP024860.D	06 Jun 2025 10:30	RC/JU	Ok
3	SSTDICC005	BP024861.D	06 Jun 2025 11:11	RC/JU	Ok,M
4	SSTDICC010	BP024862.D	06 Jun 2025 11:52	RC/JU	Ok,M
5	SSTDICC020	BP024863.D	06 Jun 2025 12:33	RC/JU	Ok,M
6	SSTDICCC040	BP024864.D	06 Jun 2025 13:14	RC/JU	Ok
7	SSTDICC050	BP024865.D	06 Jun 2025 13:56	RC/JU	Ok
8	SSTDICC060	BP024866.D	06 Jun 2025 14:37	RC/JU	Ok
9	SSTDICC080	BP024867.D	06 Jun 2025 15:18	RC/JU	Ok
10	SSTDICV040	BP024868.D	06 Jun 2025 17:09	RC/JU	Ok,M
11	PB168259BL	BP024869.D	06 Jun 2025 17:50	RC/JU	Ok

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP060925

Review By	Rahul	Review On	6/10/2025 10:05:06 AM				
Supervise By	Jagrut	Supervise On	6/10/2025 11:17:20 AM				
SubDirectory	BP060925	HP Acquire Method	BNA_P		HP Processing Method	BP060625	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12667,10ul/1000ul sample
ICV/I.BLK	SP6796
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP024870.D	09 Jun 2025 10:03	RC/JU	Ok
2	SSTDCCC040	BP024871.D	09 Jun 2025 10:44	RC/JU	Ok,M
3	PB168323BL	BP024872.D	09 Jun 2025 11:24	RC/JU	Ok
4	PB168323BS	BP024873.D	09 Jun 2025 12:05	RC/JU	Ok
5	Q2210-01	BP024874.D	09 Jun 2025 12:50	RC/JU	Ok
6	Q2209-01	BP024875.D	09 Jun 2025 13:31	RC/JU	Ok
7	Q2230-01	BP024876.D	09 Jun 2025 14:12	RC/JU	Ok
8	Q2230-02	BP024877.D	09 Jun 2025 14:52	RC/JU	Ok,M
9	Q2218-01	BP024878.D	09 Jun 2025 15:33	RC/JU	Ok,M
10	Q2230-03MS	BP024879.D	09 Jun 2025 16:14	RC/JU	Ok,M
11	Q2230-04MSD	BP024880.D	09 Jun 2025 16:55	RC/JU	Ok,M
12	Q2230-05	BP024881.D	09 Jun 2025 17:35	RC/JU	Ok
13	Q2231-02	BP024882.D	09 Jun 2025 18:16	RC/JU	Dilution
14	Q2237-02	BP024883.D	09 Jun 2025 18:57	RC/JU	Ok
15	Q2248-01	BP024884.D	09 Jun 2025 19:38	RC/JU	Ok,M
16	Q2240-01	BP024885.D	09 Jun 2025 20:18	RC/JU	Ok,M
17	Q2260-01	BP024886.D	09 Jun 2025 20:59	RC/JU	Ok,M

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP060625

Review By	Rahul	Review On	6/9/2025 11:36:10 AM		
Supervise By	Jagrut	Supervise On	6/9/2025 12:09:52 PM		
SubDirectory	BP060625	HP Acquire Method	BNA_P	HP Processing Method	BP060625

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12667,10ul/1000ul sample
ICV/I.BLK	SP6796
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP024859.D	06 Jun 2025 09:49		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BP024860.D	06 Jun 2025 10:30		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BP024861.D	06 Jun 2025 11:11		RC/JU	Ok,M
4	SSTDICC010	SSTDICC010	BP024862.D	06 Jun 2025 11:52		RC/JU	Ok,M
5	SSTDICC020	SSTDICC020	BP024863.D	06 Jun 2025 12:33	Calibration is Good for 8270 E, 8270 DOD and 625.1 methods.	RC/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BP024864.D	06 Jun 2025 13:14	Compound#54 & 56 are Kept on LR	RC/JU	Ok
7	SSTDICC050	SSTDICC050	BP024865.D	06 Jun 2025 13:56		RC/JU	Ok
8	SSTDICC060	SSTDICC060	BP024866.D	06 Jun 2025 14:37		RC/JU	Ok
9	SSTDICC080	SSTDICC080	BP024867.D	06 Jun 2025 15:18		RC/JU	Ok
10	SSTDICV040	ICVBP060625	BP024868.D	06 Jun 2025 17:09		RC/JU	Ok,M
11	PB168259BL	PB168259BL	BP024869.D	06 Jun 2025 17:50		RC/JU	Ok

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP060925

Review By	Rahul	Review On	6/10/2025 10:05:06 AM		
Supervise By	Jagrut	Supervise On	6/10/2025 11:17:20 AM		
SubDirectory	BP060925	HP Acquire Method	BNA_P	HP Processing Method	BP060625

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6784,SP6785,SP6786,SP6787,SP6788,SP6790,SP6789,SP6791
CCC	SP6787
Internal Standard/PEM	S12667,10ul/1000ul sample
ICV/I.BLK	SP6796
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP024870.D	09 Jun 2025 10:03		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP024871.D	09 Jun 2025 10:44		RC/JU	Ok,M
3	PB168323BL	PB168323BL	BP024872.D	09 Jun 2025 11:24		RC/JU	Ok
4	PB168323BS	PB168323BS	BP024873.D	09 Jun 2025 12:05		RC/JU	Ok
5	Q2210-01	TW1	BP024874.D	09 Jun 2025 12:50		RC/JU	Ok
6	Q2209-01	P01W	BP024875.D	09 Jun 2025 13:31		RC/JU	Ok
7	Q2230-01	FB-060425	BP024876.D	09 Jun 2025 14:12		RC/JU	Ok
8	Q2230-02	GW-MW01-060425	BP024877.D	09 Jun 2025 14:52		RC/JU	Ok,M
9	Q2218-01	72-11934	BP024878.D	09 Jun 2025 15:33		RC/JU	Ok,M
10	Q2230-03MS	GW-MW01-060425MS	BP024879.D	09 Jun 2025 16:14		RC/JU	Ok,M
11	Q2230-04MSD	GW-MW01-060425MSI	BP024880.D	09 Jun 2025 16:55		RC/JU	Ok,M
12	Q2230-05	GW-MW901-060425	BP024881.D	09 Jun 2025 17:35		RC/JU	Ok
13	Q2231-02	MW-14-20250604	BP024882.D	09 Jun 2025 18:16	Analyze first with 10X Dilution and then decide further Dilution	RC/JU	Dilution
14	Q2237-02	TW-WTS-10	BP024883.D	09 Jun 2025 18:57		RC/JU	Ok
15	Q2248-01	TR-05-060525	BP024884.D	09 Jun 2025 19:38		RC/JU	Ok,M
16	Q2240-01	TP-3	BP024885.D	09 Jun 2025 20:18		RC/JU	Ok,M
17	Q2260-01	TP10-MHG-WC	BP024886.D	09 Jun 2025 20:59		RC/JU	Ok,M

M : Manual Integration

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB168323

SOP ID:	M3510C,3580A-Extraction SVOC-20				
Clean Up SOP #:	N/A			**Extraction Start Date :**	06/06/2025
Matrix :	Water			**Extraction Start Time :**	08:35
Weigh By:	N/A	**Extraction By:**	RS	**Extraction End Date :**	06/06/2025
Balance check:	N/A	**Filter By:**	RJ	**Extraction End Time :**	13:50
Balance ID:	N/A	**pH Meter ID:**	N/A	**Concentration By:**	EH
pH Strip Lot#:	E3880	**Hood ID:**	4,5,6,7	**Supervisor By :**	RUPESH

Extraction Method: ☑ Seperatory Funnel ☐ Continious Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☐ Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	50/100 PPM	SP6794
Surrogate	1.0ML	100/150 PPM	SP6754
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Methylene Chloride	N/A	E3939
Baked Na2SO4	N/A	EP2620
10N NaoH	N/A	EP2609
H2SO4 1:1	N/A	EP2610
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

1.5 ML Vial lot# 2210443. pH Adjusted<2 with 1:1 H2SO4 &>11 with 10 N NaOH.

KD Bath ID:	WATER BATH-1,2	**Envap ID:**	NEVAP-02
KD Bath Temperature:	60 °C	**Envap Temperature:**	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
6/6/25	RS (Ext lab)	RC / SVOC
13:55	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB168323

Analytical Method: M3510C,3580A-Extraction SVOC-20 **Concentration Date:** 06/06/2025

Sample ID	Client Sample ID	Test	g /(mL)	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB168323BL	SBLK323	SVOCMS Group1	1000	6	ritesh	Evelyn	1			SEP-1
PB168323BS	SLCS323	SVOCMS Group1	1000	6	ritesh	Evelyn	1			2
Q2202-03	MW-12-20250603	SVOCMS Group1	980	6	ritesh	Evelyn	1	C		3
Q2209-01	P01W	SVOCMS Group2	990	6	ritesh	Evelyn	1	D		4
Q2210-01	TW1	SVOCMS Group1	1000	6	ritesh	Evelyn	1	D		5
Q2230-01	FB-060425	SVOCMS Group3	880	6	ritesh	Evelyn	1	C		6
Q2230-02	GW-MW01-060425	SVOCMS Group3	910	6	ritesh	Evelyn	1	C		7
Q2230-03	Q2230-02MS	SVOCMS Group3	960	6	ritesh	Evelyn	1	C		8
Q2230-04	Q2230-02MSD	SVOCMS Group3	940	6	ritesh	Evelyn	1	C		9
Q2230-05	GW-MW901-060425	SVOCMS Group3	980	6	ritesh	Evelyn	1	C		10
Q2231-02	MW-14-20250604	SVOCMS Group1	1000	6	ritesh	Evelyn	1	C		11
Q2237-02	TW-WTS-10	SVOCMS Group4	980	12	ritesh	Evelyn	1	F		12

RS 6/6

* **Extracts relinquished on the same date as received.**

Q2210 2168323 8:35

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2202 **WorkList ID :** 189994 **Department :** Extraction **Date :** 06-06-2025 08:27:56

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2202-03	MW-12-20250603	Water	SVOCMS Group1	Cool 4 deg C	PARS02	N31	06/03/2025	8270E
Q2209-01	P01W	Water	SVOCMS Group2	Cool 4 deg C	GENV01	N31	06/04/2025	8270E
Q2210-01	TW1	Water	SVOCMS Group1	Cool 4 deg C	GENV01	L31	06/03/2025	8270E
Q2230-01	FB-060425	Water	SVOCMS Group3	Cool 4 deg C	CAMP02	N31	06/04/2025	8270E
Q2230-02	GW-MW01-060425	Water	SVOCMS Group3	Cool 4 deg C	CAMP02	N31	06/04/2025	8270E
Q2230-03	Q2230-02MS	Water	SVOCMS Group3	Cool 4 deg C	CAMP02	N31	06/04/2025	8270E
Q2230-04	Q2230-02MSD	Water	SVOCMS Group3	Cool 4 deg C	CAMP02	N31	06/04/2025	8270E
Q2230-05	GW-MW901-060425	Water	SVOCMS Group3	Cool 4 deg C	CAMP02	N31	06/04/2025	8270E
Q2231-02	MW-14-20250604	Water	SVOCMS Group1	Cool 4 deg C	PARS02	N41	06/04/2025	8270E
Q2237-02	TW-WTS-10	Water	SVOCMS Group4	Cool 4 deg C	ENTA05	N31	06/04/2025	8270E

176 of 346

Date/Time 6/6/25 8:30
Raw Sample Received by: RJ (EA Lab)
Raw Sample Relinquished by: CP

Date/Time 6/6/25 9:15
Raw Sample Received by: CP
Raw Sample Relinquished by: RJ (EA Lab)

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

LAB CHRONICLE

OrderID:	Q2210	**OrderDate:**	6/4/2025 1:53:00 PM
Client:	G Environmental	**Project:**	Stockton
Contact:	Gary Landis	**Location:**	L31,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2210-01	**TW1**	**Water**			**06/03/25**			**06/04/25**
			SVOCMS Group1	8270E		06/06/25	06/09/25	

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Hit Summary Sheet
SW-846

SDG No.: Q2210

Client: G Environmental

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID :								
				0.000				
			Total Svoc :		**0.00**			
			Total Concentration:		**0.00**			

SAMPLE DATA

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	06/03/25
Project:	Stockton	Date Received:	06/04/25
Client Sample ID:	TW1	SDG No.:	Q2210
Lab Sample ID:	Q2210-01	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN037212.D	1	06/06/25 11:54	06/10/25 04:01	PB168336

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
56-55-3	Benzo(a)anthracene	0.040	U	0.040	0.10	ug/L
205-99-2	Benzo(b)fluoranthene	0.040	U	0.040	0.10	ug/L
207-08-9	Benzo(k)fluoranthene	0.050	U	0.050	0.10	ug/L
50-32-8	Benzo(a)pyrene	0.040	U	0.040	0.10	ug/L
191-24-2	Benzo(g,h,i)perylene	0.040	U	0.040	0.10	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.40		30 (20) - 150 (139)	99%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.45		30 (54) - 150 (157)	112%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.40		30 (27) - 130 (154)	101%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.40		30 (30) - 130 (155)	101%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.48		30 (54) - 130 (175)	120%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	1990	7.589			
1146-65-2	Naphthalene-d8	5260	10.362			
15067-26-2	Acenaphthene-d10	2820	14.235			
1517-22-2	Phenanthrene-d10	4770	16.984			
1719-03-5	Chrysene-d12	3610	21.18			
1520-96-3	Perylene-d12	3540	23.374			

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

QC SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Surrogate Summary

SW-846

SDG No.: Q2210

Client: G Environmental

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB168336BL	PB168336BL	2-Methylnaphthalene-d10	0.4	0.36	91		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.40	99		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.37	92		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.40	101		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.42	105		30 (54)	130 (175)
PB168336BS	PB168336BS	2-Methylnaphthalene-d10	0.4	0.36	90		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.30	76		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.36	90		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.38	95		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.38	95		30 (54)	130 (175)
Q2210-01	TW1	2-Methylnaphthalene-d10	0.4	0.40	99		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.45	112		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.40	101		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.40	101		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.48	120		30 (54)	130 (175)
Q2250-02MS	MW-11A-13.5-060525MS	2-Methylnaphthalene-d10	0.4	0.30	75		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.37	92		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.32	79		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.34	86		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.47	118		30 (54)	130 (175)
Q2250-03MSD	MW-11A-13.5-060525MSD	2-Methylnaphthalene-d10	0.4	0.30	75		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.37	91		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.32	79		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.35	86		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.45	113		30 (54)	130 (175)

( ) = LABORATORY INHOUSE LIMIT

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2210

Client: G Environmental

Analytical Method: SW8270-Modified

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q2250-02MS		**Client Sample ID: MW-11A-13.5-060525MS**						**DataFile: BN037192.D**			
Benzo(a)anthracene	0.42	0	0.45	ug/L	107				70 (51)	130 (146)	
Benzo(b)fluoranthene	0.42	0	0.40	ug/L	95				70 (60)	130 (123)	
Benzo(k)fluoranthene	0.42	0	0.38	ug/L	90				70 (61)	130 (122)	
Benzo(a)pyrene	0.42	0	0.40	ug/L	95				70 (54)	130 (129)	
Benzo(g,h,i)perylene	0.42	0	0.39	ug/L	93				70 (44)	130 (132)	

( ) = LABORATORY INHOUSE LIMIT

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2210

Client: G Environmental

Analytical Method: SW8270-Modified

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID: Q2250-03MSD		**Client Sample ID:** MW-11A-13.5-060525MSD						**DataFile:** BN037193.D			
Benzo(a)anthracene	0.4	0	0.44	ug/L	110		3		70 (51)	130 (146)	20 (20)
Benzo(b)fluoranthene	0.4	0	0.38	ug/L	95		0		70 (60)	130 (123)	20 (20)
Benzo(k)fluoranthene	0.4	0	0.39	ug/L	98		9		70 (61)	130 (122)	20 (20)
Benzo(a)pyrene	0.4	0	0.38	ug/L	95		0		70 (54)	130 (129)	20 (20)
Benzo(g,h,i)perylene	0.4	0	0.39	ug/L	98		5		70 (44)	130 (132)	20 (20)

( ) = LABORATORY INHOUSE LIMIT

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2210

Client: G Environmental

Analytical Method: 8270-Modified **DataFile:** BN037201.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB168336BS	Benzo(a)anthracene	0.4	0.36	ug/L	90				70 (54)	130 (130)	
	Benzo(b)fluoranthene	0.4	0.35	ug/L	88				70 (65)	130 (121)	
	Benzo(k)fluoranthene	0.4	0.36	ug/L	90				70 (72)	130 (119)	
	Benzo(a)pyrene	0.4	0.39	ug/L	98				70 (68)	130 (120)	
	Benzo(g,h,i)perylene	0.4	0.42	ug/L	105				70 (76)	130 (117)	

( ) = LABORATORY INHOUSE LIMIT

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB168336BL

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2210 SAS No.: Q2210 SDG NO.: Q2210

Lab File ID: BN037190.D Lab Sample ID: PB168336BL

Instrument ID: BNA_N Date Extracted: 06/06/2025

Matrix: (soil/water) Water Date Analyzed: 06/09/2025

Level: (low/med) LOW Time Analyzed: 11:30

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB168336BS	PB168336BS	BN037201.D	06/09/2025
MW-11A-13.5-060525MS	Q2250-02MS	BN037192.D	06/09/2025
MW-11A-13.5-060525MSD	Q2250-03MSD	BN037193.D	06/09/2025
TW1	Q2210-01	BN037212.D	06/10/2025

COMMENTS:

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM SAS No.: Q2210 SDG NO.: Q2210

Lab File ID: BN037142.D DFTPP Injection Date: 06/03/2025

Instrument ID: BNA_N DFTPP Injection Time: 10:21

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	69.8
68	Less than 2.0% of mass 69	0.0 (0.0) 1
69	Mass 69 relative abundance	58.7
70	Less than 2.0% of mass 69	0.3 (0.5) 1
127	10.0 - 80.0% of mass 198	53.9
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	24.4
365	Greater than 1% of mass 198	4.5
441	Present, but less than mass 443	10.3
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	12.1 (19.8) 2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC0.1	SSTDICC0.1	BN037143.D	06/03/2025	11:39
SSTDICC0.2	SSTDICC0.2	BN037144.D	06/03/2025	12:15
SSTDICCC0.4	SSTDICCC0.4	BN037145.D	06/03/2025	12:51
SSTDICC0.8	SSTDICC0.8	BN037146.D	06/03/2025	13:26
SSTDICC1.6	SSTDICC1.6	BN037147.D	06/03/2025	14:02
SSTDICC3.2	SSTDICC3.2	BN037148.D	06/03/2025	14:38
SSTDICC5.0	SSTDICC5.0	BN037149.D	06/03/2025	15:14

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM SAS No.: Q2210 SDG NO.: Q2210

Lab File ID: BN037188.D DFTPP Injection Date: 06/09/2025

Instrument ID: BNA_N DFTPP Injection Time: 10:15

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	74
68	Less than 2.0% of mass 69	0.4 (0.7) 1
69	Mass 69 relative abundance	59.6
70	Less than 2.0% of mass 69	0.4 (0.6) 1
127	10.0 - 80.0% of mass 198	53
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	24.1
365	Greater than 1% of mass 198	4.4
441	Present, but less than mass 443	8.6
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	10.5 (18.5) 2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC0.4	SSTDCCC0.4	BN037189.D	06/09/2025	10:54
PB168336BL	PB168336BL	BN037190.D	06/09/2025	11:30
MW-11A-13.5-060525MS	Q2250-02MS	BN037192.D	06/09/2025	14:33
MW-11A-13.5-060525MSD	Q2250-03MSD	BN037193.D	06/09/2025	15:47
PB168336BS	PB168336BS	BN037201.D	06/09/2025	20:40

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM SAS No.: Q2210 SDG NO.: Q2210

Lab File ID: BN037203.D DFTPP Injection Date: 06/09/2025

Instrument ID: BNA_N DFTPP Injection Time: 22:32

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	79.8
68	Less than 2.0% of mass 69	1 (1.5) 1
69	Mass 69 relative abundance	65.5
70	Less than 2.0% of mass 69	0.4 (0.6) 1
127	10.0 - 80.0% of mass 198	56.9
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	24.4
365	Greater than 1% of mass 198	4.3
441	Present, but less than mass 443	8.8
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	10.6 (20.4) 2

1-Value is % mass 69 2-Value is % mass 442

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC0.4	SSTDCCC0.4	BN037204.D	06/09/2025	23:11
TW1	Q2210-01	BN037212.D	06/10/2025	04:01

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q2210 SAS No.: Q2210 SDG NO.: Q2210

EPA Sample No.: SSTDCCC0.4 Date Analyzed: 06/09/2025

Lab File ID: BN037189.D Time Analyzed: 10:54

Instrument ID: BNA_N GC Column: ZB-GR ID: 0.25 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	2093	7.589	5342	10.36	2894	14.24
	UPPER LIMIT	4186	8.089	10684	10.862	5788	14.735
	LOWER LIMIT	1046.5	7.089	2671	9.862	1447	13.735
	EPA SAMPLE NO.						
01	PB168336BL	1816	7.59	4227	10.37	2101	14.25
02	MW-11A-13.5-060525MS	2144	7.59	5670	10.36	2991	14.23
03	MW-11A-13.5-060525MSD	2169	7.59	5646	10.36	2926	14.24
04	PB168336BS	2227	7.59	5466	10.36	2607	14.23

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q2210 SAS No.: Q2210 SDG NO.: Q2210

EPA Sample No.: SSTDCCC0.4 Date Analyzed: 06/09/2025

Lab File ID: BN037189.D Time Analyzed: 10:54

Instrument ID: BNA_N GC Column: ZB-GR ID: 0.25 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	5308	16.984	3516	21.18	3185	23.377
	UPPER LIMIT	10616	17.484	7032	21.68	6370	23.877
	LOWER LIMIT	2654	16.484	1758	20.68	1592.5	22.877
	EPA SAMPLE NO.						
01	PB168336BL	3500	17.00	2446	21.19	2291	23.39
02	MW-11A-13.5-060525MS	5389	16.98	3448	21.19	3177	23.38
03	MW-11A-13.5-060525MSD	5139	16.98	3419	21.18	3336	23.37
04	PB168336BS	4253	16.98	2468	21.19	2373	23.38

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q2210 SAS No.: Q2210 SDG NO.: Q2210

EPA Sample No.: SSTDCCC0.4 Date Analyzed: 06/09/2025

Lab File ID: BN037204.D Time Analyzed: 23:11

Instrument ID: BNA_N GC Column: ZB-GR ID: 0.25 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	1688	7.589	4447	10.37	2457	14.23
	UPPER LIMIT	3376	8.089	8894	10.872	4914	14.734
	LOWER LIMIT	844	7.089	2223.5	9.872	1228.5	13.734
	EPA SAMPLE NO.						
01	TW1	1990	7.59	5262	10.36	2819	14.24

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q2210 SAS No.: Q2210 SDG NO.: Q2210

EPA Sample No.: SSTDCCC0.4 Date Analyzed: 06/09/2025

Lab File ID: BN037204.D Time Analyzed: 23:11

Instrument ID: BNA_N GC Column: ZB-GR ID: 0.25 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	4471	16.984	2829	21.18	2684	23.377
	UPPER LIMIT	8942	17.484	5658	21.68	5368	23.877
	LOWER LIMIT	2235.5	16.484	1414.5	20.68	1342	22.877
	EPA SAMPLE NO.						
01	TW1	4769	16.98	3609	21.18	3542	23.37

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

QC SAMPLE DATA

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Stockton	Date Received:	
Client Sample ID:	PB168336BL	SDG No.:	Q2210
Lab Sample ID:	PB168336BL	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN037190.D	1	06/06/25 11:54	06/09/25 11:30	PB168336

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
56-55-3	Benzo(a)anthracene	0.040	U	0.040	0.10	ug/L
205-99-2	Benzo(b)fluoranthene	0.040	U	0.040	0.10	ug/L
207-08-9	Benzo(k)fluoranthene	0.050	U	0.050	0.10	ug/L
50-32-8	Benzo(a)pyrene	0.040	U	0.040	0.10	ug/L
191-24-2	Benzo(g,h,i)perylene	0.040	U	0.040	0.10	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.36		30 (20) - 150 (139)	91%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.40		30 (54) - 150 (157)	99%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.37		30 (27) - 130 (154)	92%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.40		30 (30) - 130 (155)	101%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.42		30 (54) - 130 (175)	105%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	1820	7.589			
1146-65-2	Naphthalene-d8	4230	10.372			
15067-26-2	Acenaphthene-d10	2100	14.245			
1517-22-2	Phenanthrene-d10	3500	16.996			
1719-03-5	Chrysene-d12	2450	21.189			
1520-96-3	Perylene-d12	2290	23.386			

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Stockton	Date Received:	
Client Sample ID:	PB168336BS	SDG No.:	Q2210
Lab Sample ID:	PB168336BS	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN037201.D	1	06/06/25 11:54	06/09/25 20:40	PB168336

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
56-55-3	Benzo(a)anthracene	0.36		0.040	0.10	ug/L
205-99-2	Benzo(b)fluoranthene	0.35		0.040	0.10	ug/L
207-08-9	Benzo(k)fluoranthene	0.36		0.050	0.10	ug/L
50-32-8	Benzo(a)pyrene	0.39		0.040	0.10	ug/L
191-24-2	Benzo(g,h,i)perylene	0.42		0.040	0.10	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.36		30 (20) - 150 (139)	90%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.30		30 (54) - 150 (157)	76%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.36		30 (27) - 130 (154)	90%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.38		30 (30) - 130 (155)	95%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.38		30 (54) - 130 (175)	95%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	2230	7.589			
1146-65-2	Naphthalene-d8	5470	10.361			
15067-26-2	Acenaphthene-d10	2610	14.234			
1517-22-2	Phenanthrene-d10	4250	16.984			
1719-03-5	Chrysene-d12	2470	21.188			
1520-96-3	Perylene-d12	2370	23.377			

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	06/05/25
Project:	Stockton	Date Received:	06/05/25
Client Sample ID:	MW-11A-13.5-060525MS	SDG No.:	Q2210
Lab Sample ID:	Q2250-02MS	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	960 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN037192.D	1	06/06/25 11:54	06/09/25 14:33	PB168336

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
56-55-3	Benzo(a)anthracene	0.45		0.040	0.10	ug/L
205-99-2	Benzo(b)fluoranthene	0.40		0.040	0.10	ug/L
207-08-9	Benzo(k)fluoranthene	0.38		0.050	0.10	ug/L
50-32-8	Benzo(a)pyrene	0.40		0.040	0.10	ug/L
191-24-2	Benzo(g,h,i)perylene	0.39		0.040	0.10	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.30		30 (20) - 150 (139)	75%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.37		30 (54) - 150 (157)	92%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.32		30 (27) - 130 (154)	79%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.34		30 (30) - 130 (155)	86%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.47		30 (54) - 130 (175)	118%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	2140	7.589			
1146-65-2	Naphthalene-d8	5670	10.361			
15067-26-2	Acenaphthene-d10	2990	14.234			
1517-22-2	Phenanthrene-d10	5390	16.984			
1719-03-5	Chrysene-d12	3450	21.188			
1520-96-3	Perylene-d12	3180	23.38			

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	06/05/25
Project:	Stockton	Date Received:	06/05/25
Client Sample ID:	MW-11A-13.5-060525MSD	SDG No.:	Q2210
Lab Sample ID:	Q2250-03MSD	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN037193.D	1	06/06/25 11:54	06/09/25 15:47	PB168336

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
56-55-3	Benzo(a)anthracene	0.44		0.040	0.10	ug/L
205-99-2	Benzo(b)fluoranthene	0.38		0.040	0.10	ug/L
207-08-9	Benzo(k)fluoranthene	0.39		0.050	0.10	ug/L
50-32-8	Benzo(a)pyrene	0.38		0.040	0.10	ug/L
191-24-2	Benzo(g,h,i)perylene	0.39		0.040	0.10	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.30		30 (20) - 150 (139)	75%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.37		30 (54) - 150 (157)	91%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.32		30 (27) - 130 (154)	79%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.35		30 (30) - 130 (155)	86%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.45		30 (54) - 130 (175)	113%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	2170	7.59			
1146-65-2	Naphthalene-d8	5650	10.362			
15067-26-2	Acenaphthene-d10	2930	14.235			
1517-22-2	Phenanthrene-d10	5140	16.984			
1719-03-5	Chrysene-d12	3420	21.18			
1520-96-3	Perylene-d12	3340	23.374			

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products

CALIBRATION SUMMARY

Response Factor Report BNA_N

Method Path : Z:\svoasrv\HPCHEM1\BNA_N\Methods\
Method File : 8270-SIM-BN060325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Wed Jun 04 01:52:03 2025
Response Via : Initial Calibration

Calibration Files
0.1 =BN037143.D 0.2 =BN037144.D 0.4 =BN037145.D 0.8 =BN037146.D 1.6 =BN037147.D 3.2 =BN037148.D 5.0 =BN037149.D

		Compound	0.1	0.2	0.4	0.8	1.6	3.2	5.0	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------ISTD----------								
2)		1,4-Dioxane	0.598	0.657	0.510	0.506	0.526	0.477	0.458	0.533	13.16
3)		n-Nitrosodimet...	1.098	1.031	1.061	1.067	1.163	1.061	1.012	1.071	4.60
4)	S	2-Fluorophenol	1.027	1.017	0.940	0.945	1.036	0.984	0.975	0.989	3.91
5)	S	Phenol-d6	1.156	1.144	1.127	1.126	1.293	1.261	1.285	1.199	6.42
6)		bis(2-Chloroet...	1.138	1.139	1.128	1.089	1.223	1.146	1.146	1.144	3.51
7)	I	Naphthalene-d8	----------ISTD----------								
8)	S	Nitrobenzene-d5	0.393	0.383	0.421	0.407	0.455	0.450	0.446	0.422	6.86
9)		Naphthalene	1.183	1.125	1.119	1.111	1.215	1.165	1.160	1.154	3.31
10)		Hexachlorobuta...	0.253	0.249	0.261	0.247	0.266	0.246	0.238	0.251	3.81
11)	SURR	2-Methylnaphth...	0.520	0.515	0.562	0.536	0.598	0.577	0.588	0.557	5.97
12)		2-Methylnaphth...	0.704	0.680	0.691	0.719	0.809	0.783	0.793	0.740	7.22
13)	I	Acenaphthene-d10	----------ISTD----------								
14)	S	2,4,6-Tribromo...	0.124	0.147	0.146	0.157	0.185	0.182	0.186	0.161	15.03
15)	S	2-Fluorobiphenyl	1.722	1.691	1.626	1.654	1.814	1.706	1.725	1.705	3.52
16)		Acenaphthylene	1.946	1.905	1.768	1.871	2.112	2.050	2.075	1.961	6.32
17)		Acenaphthene	1.290	1.253	1.159	1.212	1.370	1.309	1.320	1.273	5.59
18)		Fluorene	1.701	1.577	1.518	1.611	1.823	1.736	1.752	1.674	6.48
19)	I	Phenanthrene-d10	----------ISTD----------								
20)		4,6-Dinitro-2-...		0.039	0.050	0.067	0.090	0.102	0.114	0.077	38.58
21)		4-Bromophenyl-...	0.256	0.253	0.244	0.254	0.281	0.276	0.271	0.262	5.32
22)		Hexachlorobenzene	0.289	0.284	0.269	0.279	0.301	0.284	0.274	0.283	3.72
23)		Atrazine	0.194	0.200	0.187	0.209	0.241	0.238	0.247	0.216	11.42
24)		Pentachlorophenol		0.086	0.092	0.107	0.140	0.153	0.165	0.124	26.72
25)		Phenanthrene	1.285	1.242	1.193	1.248	1.386	1.357	1.361	1.296	5.64
26)		Anthracene	1.098	1.099	1.036	1.143	1.294	1.290	1.317	1.183	9.71
27)	SURR	Fluoranthene-d10	0.969	0.937	0.975	0.956	1.092	1.071	1.114	1.016	7.22
28)		Fluoranthene	1.339	1.294	1.277	1.365	1.579	1.563	1.605	1.432	10.09
29)	I	Chrysene-d12	----------ISTD----------								
30)		Pyrene	2.051	1.974	1.827	1.928	2.048	1.955	1.885	1.953	4.20
31)	S	Terphenyl-d14	0.964	0.909	0.896	0.941	1.006	0.952	0.923	0.942	3.96
32)		Benzo(a)anthra...	1.369	1.367	1.291	1.404	1.582	1.553	1.570	1.448	8.15
33)		Chrysene	1.755	1.636	1.473	1.582	1.698	1.584	1.556	1.612	5.81
34)		Bis(2-ethylhex...	1.032	0.859	0.774	0.858	0.956	0.914	1.002	0.914	9.90
35)	I	Perylene-d12	----------ISTD----------								

Method Path : Z:\svoasrv\HPCHEM1\BNA_N\Methods\
Method File : 8270-SIM-BN060325.M

36)		Indeno(1,2,3-c...	1.443	1.605	1.501	1.526	1.695	1.673	1.697	1.591	6.44
37)		Benzo(b)fluora...	1.529	1.520	1.421	1.575	1.763	1.713	1.781	1.615	8.58
38)		Benzo(k)fluora...	1.576	1.565	1.461	1.612	1.777	1.743	1.805	1.648	7.79
39)	C	Benzo(a)pyrene	1.310	1.287	1.219	1.294	1.451	1.426	1.481	1.352	7.32
40)		Dibenzo(a,h)an...	1.074	1.167	1.160	1.196	1.333	1.332	1.328	1.227	8.48
41)		Benzo(g,h,i)pe...	1.368	1.450	1.351	1.372	1.477	1.424	1.425	1.410	3.33

(#) = Out of Range

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2210 SAS No.: Q2210 SDG No.: Q2210

Instrument ID: BNA_N Calibration Date/Time: 06/09/2025 10:54

Lab File ID: BN037189.D Init. Calib. Date(s): 06/03/2025 06/03/2025

EPA Sample No.: SSTDCCC0.4 Init. Calib. Time(s): 11:39 15:14

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF0.4	MIN RRF	%D	MAX%D
2-Methylnaphthalene-d10	0.557	0.558		0.2	20.0
Fluoranthene-d10	1.016	0.960		-5.5	20.0
2-Fluorophenol	0.989	0.924		-6.6	20.0
Phenol-d6	1.199	1.124		-6.3	20.0
Nitrobenzene-d5	0.422	0.422		0.0	20.0
2-Fluorobiphenyl	1.705	1.691		-0.8	20.0
2,4,6-Tribromophenol	0.161	0.142		-11.8	20.0
Terphenyl-d14	0.942	0.909		-3.5	20.0
Benzo(a)anthracene	1.448	1.282		-11.5	20.0
Benzo(b)fluoranthene	1.615	1.446		-10.5	20.0
Benzo(k)fluoranthene	1.648	1.440		-12.6	20.0
Benzo(a)pyrene	1.352	1.193		-11.8	20.0
Benzo(g,h,i)perylene	1.410	1.306		-7.4	20.0

All other compounds must meet a minimum RRF of 0.010.

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2210 SAS No.: Q2210 SDG No.: Q2210

Instrument ID: BNA_N Calibration Date/Time: 06/09/2025 23:11

Lab File ID: BN037204.D Init. Calib. Date(s): 06/03/2025 06/03/2025

EPA Sample No.: SSTDCCC0.4 Init. Calib. Time(s): 11:39 15:14

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF0.4	MIN RRF	%D	MAX%D
2-Methylnaphthalene-d10	0.557	0.554		-0.5	20.0
Fluoranthene-d10	1.016	0.919		-9.5	20.0
2-Fluorophenol	0.989	0.935		-5.5	20.0
Phenol-d6	1.199	1.161		-3.2	20.0
Nitrobenzene-d5	0.422	0.423		0.2	20.0
2-Fluorobiphenyl	1.705	1.685		-1.2	20.0
2,4,6-Tribromophenol	0.161	0.151		-6.2	20.0
Terphenyl-d14	0.942	0.919		-2.4	20.0
Benzo(a)anthracene	1.448	1.292		-10.8	20.0
Benzo(b)fluoranthene	1.615	1.383		-14.4	20.0
Benzo(k)fluoranthene	1.648	1.487		-9.8	20.0
Benzo(a)pyrene	1.352	1.233		-8.8	20.0
Benzo(g,h,i)perylene	1.410	1.404		-0.4	20.0

All other compounds must meet a minimum RRF of 0.010.

SAMPLE RAW DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060925\
Data File : BN037212.D
Acq On : 10 Jun 2025 04:01
Operator : RC/JU
Sample : Q2210-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
TW1

Quant Time: Jun 10 05:36:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 04 01:52:03 2025
Response via : Initial Calibration

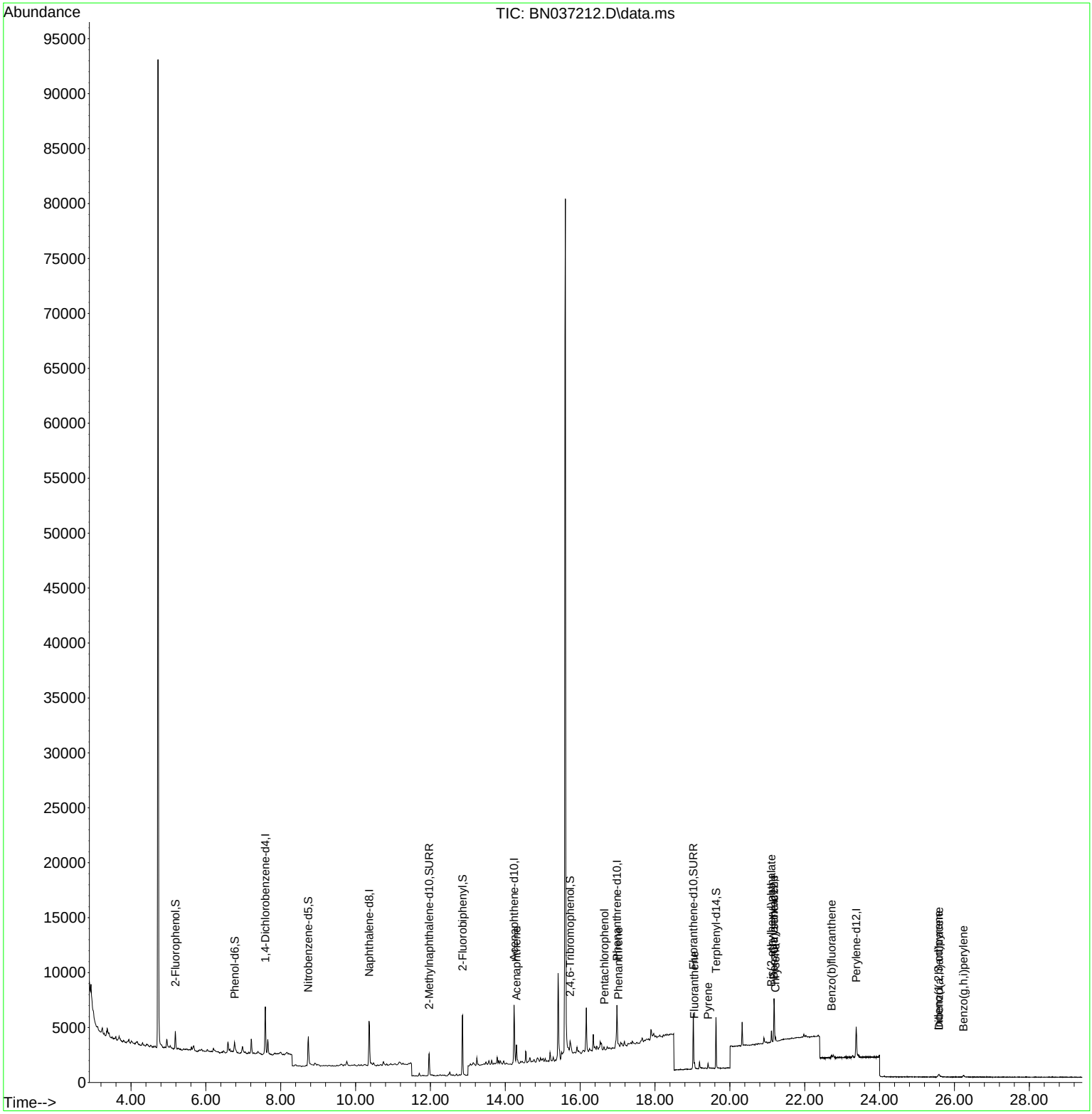
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.589	152	1990	0.400	ng		0.00
7) Naphthalene-d8	10.362	136	5262	0.400	ng		#-0.01
13) Acenaphthene-d10	14.235	164	2819	0.400	ng		0.00
19) Phenanthrene-d10	16.984	188	4769	0.400	ng		0.00
29) Chrysene-d12	21.180	240	3609	0.400	ng		# 0.00
35) Perylene-d12	23.374	264	3542	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.184	112	1057	0.215	ng		0.00
5) Phenol-d6	6.773	99	781	0.131	ng		0.00
8) Nitrobenzene-d5	8.739	82	2240	0.403	ng		0.00
11) 2-Methylnaphthalene-d10	11.966	152	2890	0.395	ng		0.00
14) 2,4,6-Tribromophenol	15.730	330	483	0.426	ng		-0.01
15) 2-Fluorobiphenyl	12.858	172	4842	0.403	ng		0.00
27) Fluoranthene-d10	19.026	212	5413	0.447	ng		0.00
31) Terphenyl-d14	19.630	244	4089	0.481	ng		0.00
Target Compounds							Qvalue
17) Acenaphthene	14.299	154	759	0.085	ng		100
24) Pentachlorophenol	16.649	266	75	0.252	ng		94
25) Phenanthrene	17.021	178	351	0.023	ng	#	85
28) Fluoranthene	19.054	202	416	0.024	ng	#	93
30) Pyrene	19.416	202	438	0.025	ng		99
32) Benzo(a)anthracene	21.171	228	296	0.023	ng	#	50
33) Chrysene	21.216	228	296	0.020	ng	#	58
34) Bis(2-ethylhexyl)phtha...	21.108	149	1180	0.143	ng	#	98
36) Indeno(1,2,3-cd)pyrene	25.576	276	300	0.021	ng	#	66
37) Benzo(b)fluoranthene	22.722	252	325	0.023	ng	#	1
40) Dibenzo(a,h)anthracene	25.588	278	222	0.020	ng	#	1
41) Benzo(g,h,i)perylene	26.243	276	262	0.021	ng	#	18

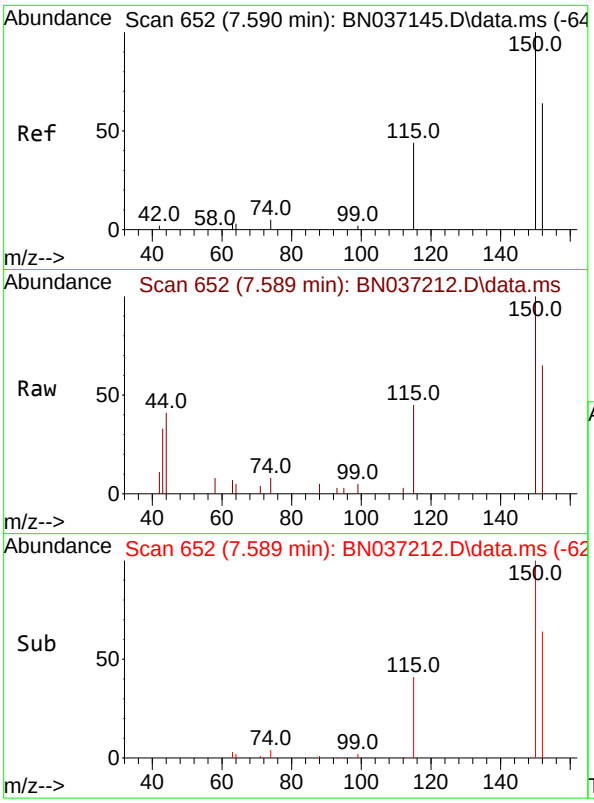
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060925\
Data File : BN037212.D
Acq On : 10 Jun 2025 04:01
Operator : RC/JU
Sample : Q2210-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
TW1

Quant Time: Jun 10 05:36:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 04 01:52:03 2025
Response via : Initial Calibration



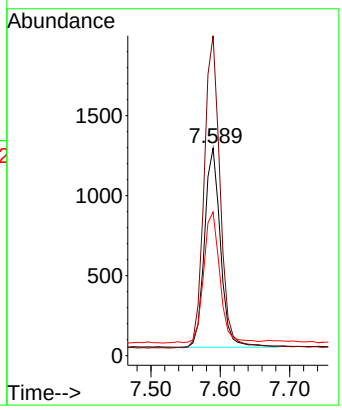


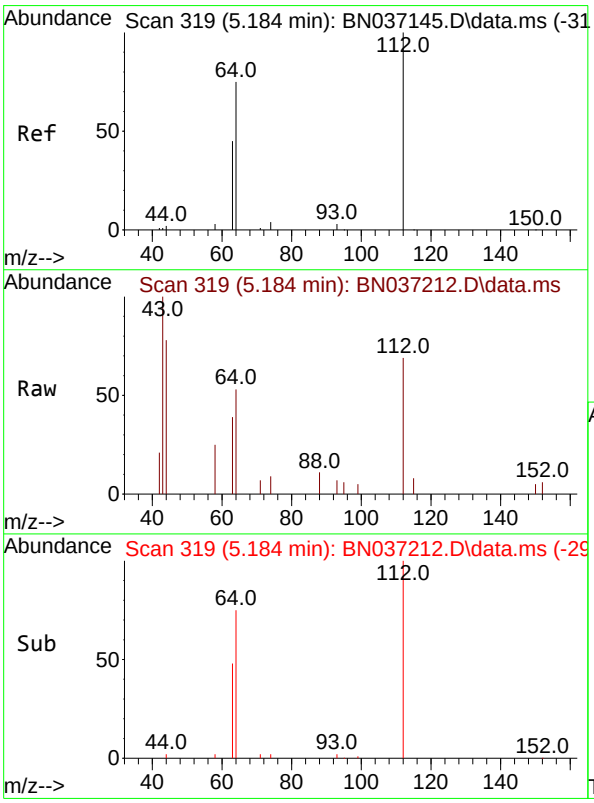
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.589 min Scan# 6
Delta R.T. -0.001 min
Lab File: BN037212.D
Acq: 10 Jun 2025 04:01

Instrument :
BNA_N
ClientSampleId :
TW1

Tgt Ion:152 Resp: 1990

Ion	Ratio	Lower	Upper
152	100		
150	154.2	123.2	184.8
115	69.2	56.6	85.0

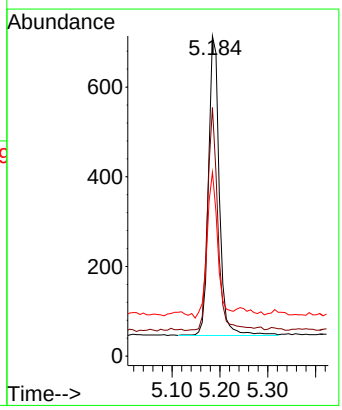


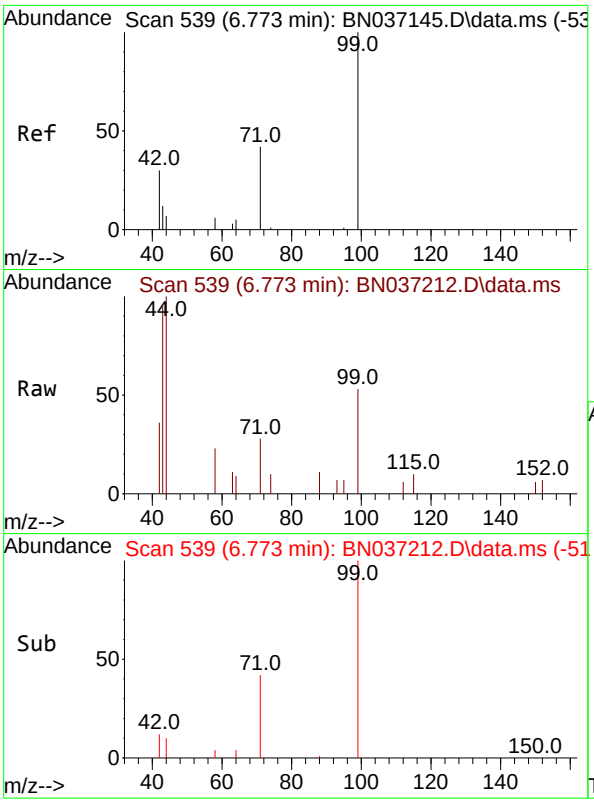


#4
2-Fluorophenol
Concen: 0.215 ng
RT: 5.184 min Scan# 319
Delta R.T. -0.000 min
Lab File: BN037212.D
Acq: 10 Jun 2025 04:01

Tgt Ion:112 Resp: 1057

Ion	Ratio	Lower	Upper
112	100		
64	69.9	56.3	84.5
63	47.7	36.2	54.4



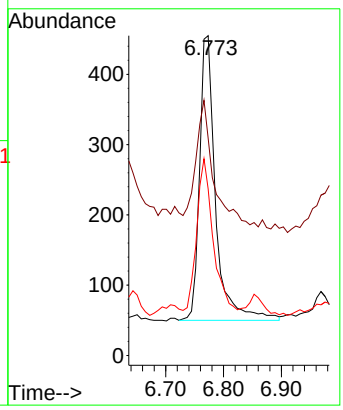


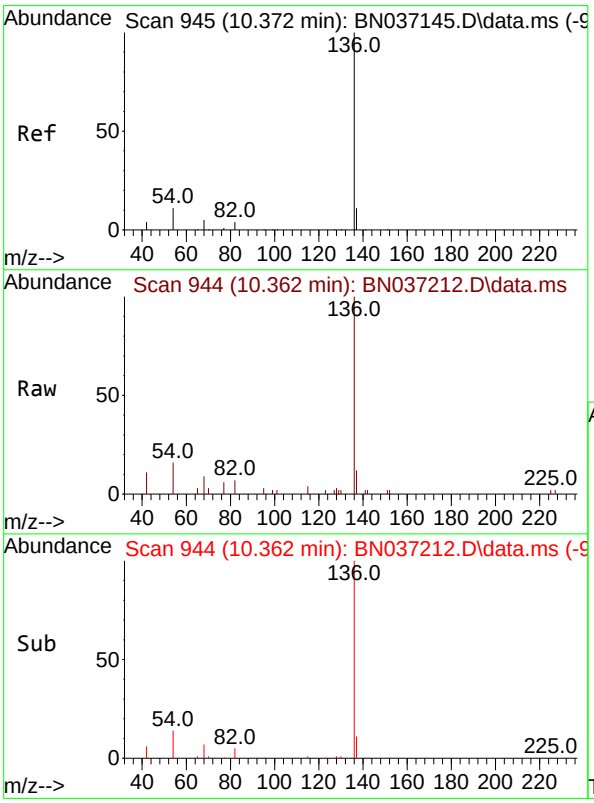
#5
Phenol-d6
Concen: 0.131 ng
RT: 6.773 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN037212.D
Acq: 10 Jun 2025 04:01

Instrument :
BNA_N
ClientSampleId :
TW1

Tgt Ion: 99 Resp: 781

Ion	Ratio	Lower	Upper
99	100		
42	49.7	31.3	46.9#
71	58.3	38.2	57.2#

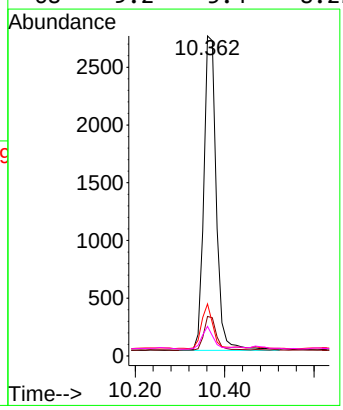


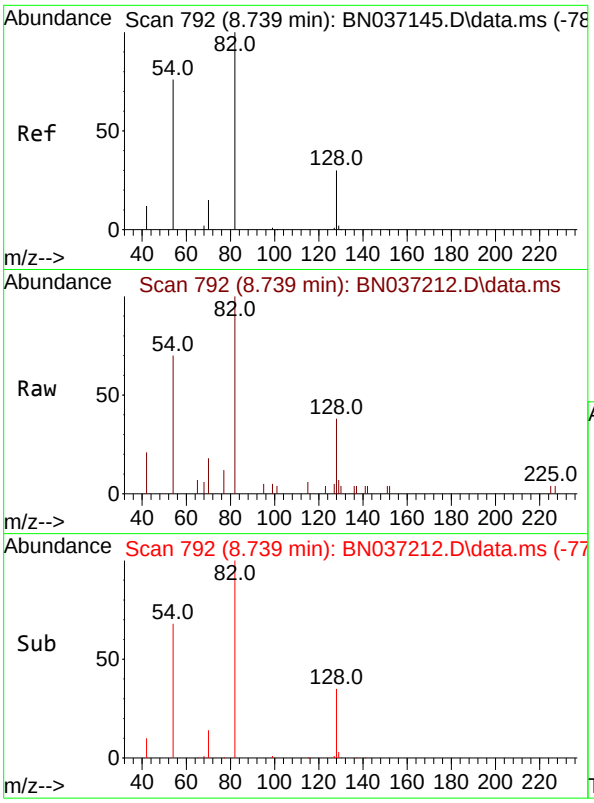


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.362 min Scan# 944
Delta R.T. -0.011 min
Lab File: BN037212.D
Acq: 10 Jun 2025 04:01

Tgt Ion:136 Resp: 5262

Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.7	14.5
54	16.2	9.7	14.5#
68	9.2	5.4	8.2#



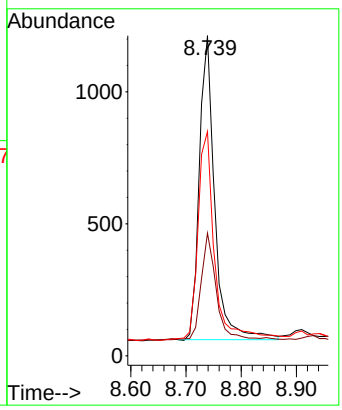


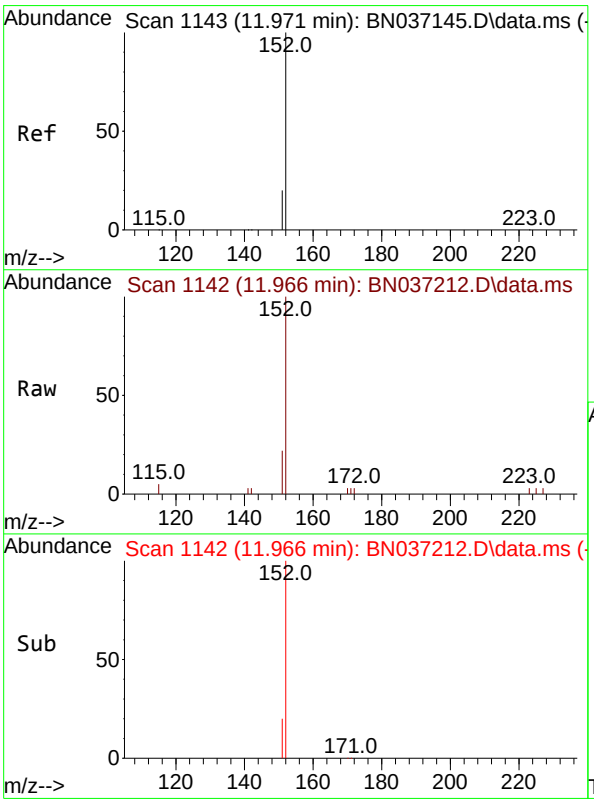
#8
Nitrobenzene-d5
Concen: 0.403 ng
RT: 8.739 min Scan# 7
Delta R.T. -0.000 min
Lab File: BN037212.D
Acq: 10 Jun 2025 04:01

Instrument :
BNA_N
ClientSampleId :
TW1

Tgt Ion: 82 Resp: 2240

Ion	Ratio	Lower	Upper
82	100		
128	38.3	26.9	40.3
54	70.1	61.4	92.2

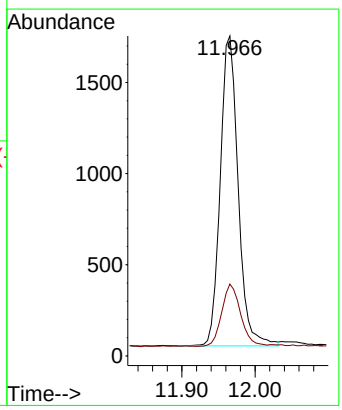


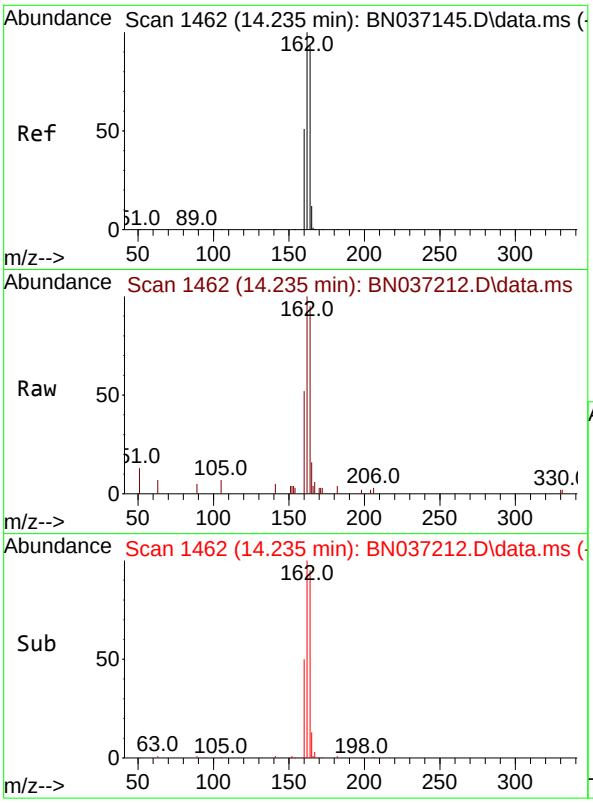


#11
2-Methylnaphthalene-d10
Concen: 0.395 ng
RT: 11.966 min Scan# 1142
Delta R.T. -0.005 min
Lab File: BN037212.D
Acq: 10 Jun 2025 04:01

Tgt Ion:152 Resp: 2890

Ion	Ratio	Lower	Upper
152	100		
151	21.3	17.1	25.7



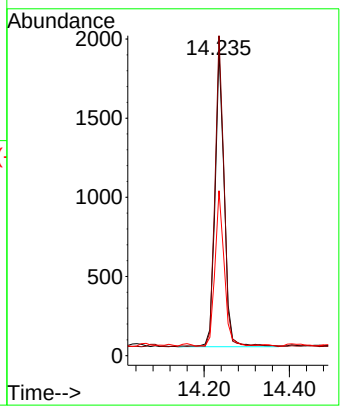


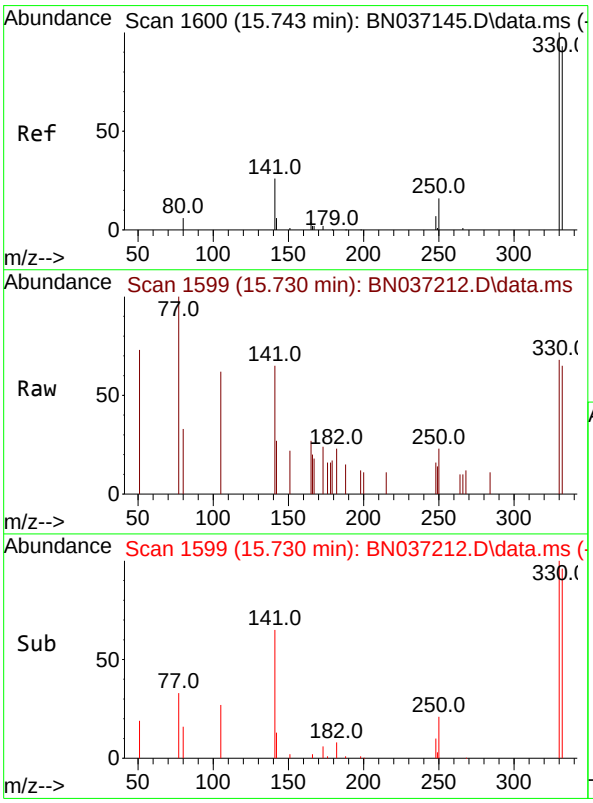
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.235 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN037212.D
Acq: 10 Jun 2025 04:01

Instrument :
BNA_N
ClientSampleId :
TW1

Tgt Ion:164 Resp: 2819

Ion	Ratio	Lower	Upper
164	100		
162	104.8	85.5	128.3
160	54.0	44.6	67.0

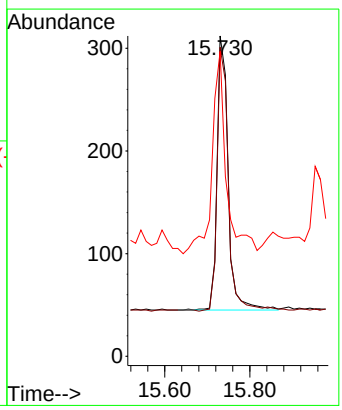


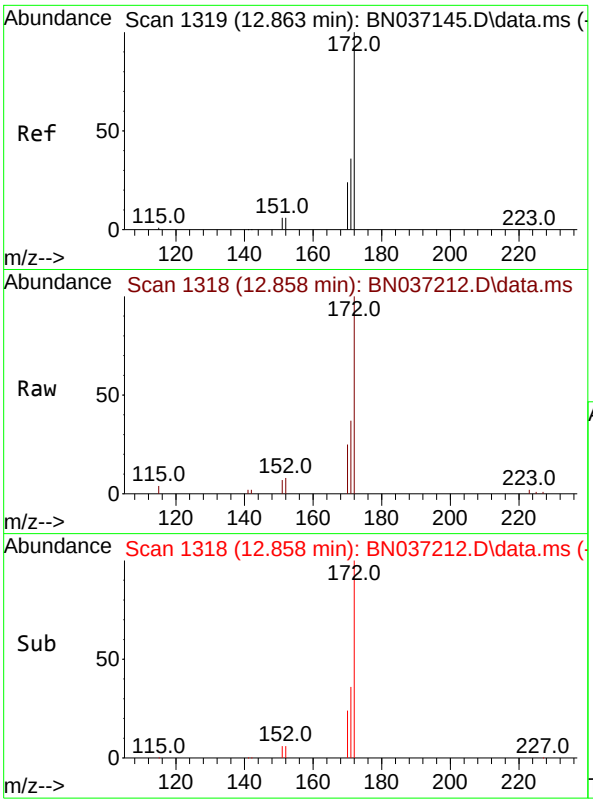


#14
2,4,6-Tribromophenol
Concen: 0.426 ng
RT: 15.730 min Scan# 1599
Delta R.T. -0.012 min
Lab File: BN037212.D
Acq: 10 Jun 2025 04:01

Tgt Ion:330 Resp: 483

Ion	Ratio	Lower	Upper
330	100		
332	98.3	77.1	115.7
141	94.0	46.4	69.6#



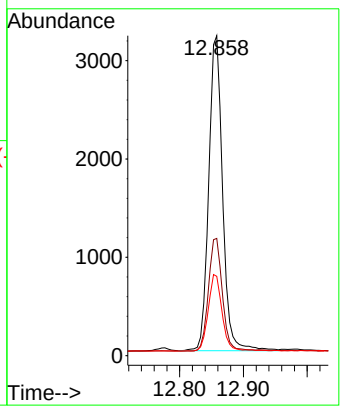


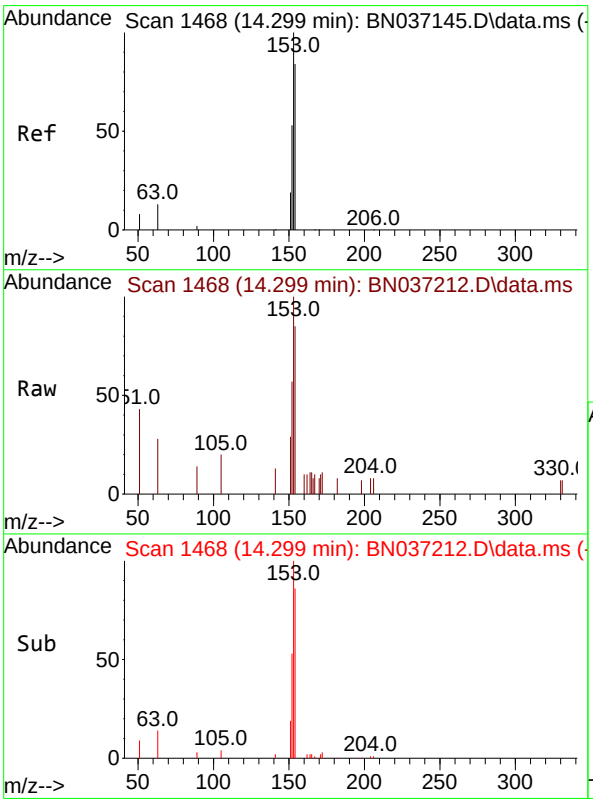
#15
2-Fluorobiphenyl
Concen: 0.403 ng
RT: 12.858 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN037212.D
Acq: 10 Jun 2025 04:01

Instrument :
BNA_N
ClientSampleId :
TW1

Tgt Ion:172 Resp: 4842

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.6	44.4
170	24.8	20.3	30.5

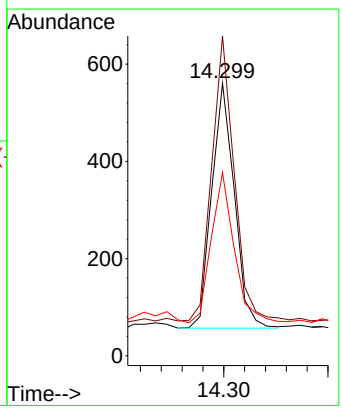


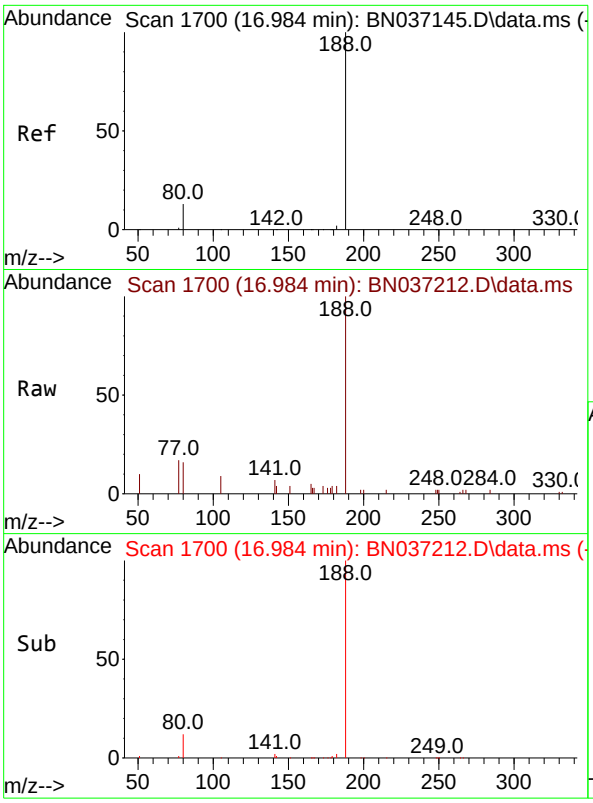


#17
Acenaphthene
Concen: 0.085 ng
RT: 14.299 min Scan# 1468
Delta R.T. -0.000 min
Lab File: BN037212.D
Acq: 10 Jun 2025 04:01

Tgt Ion:154 Resp: 759

Ion	Ratio	Lower	Upper
154	100		
153	117.5	93.8	140.8
152	62.3	50.5	75.7



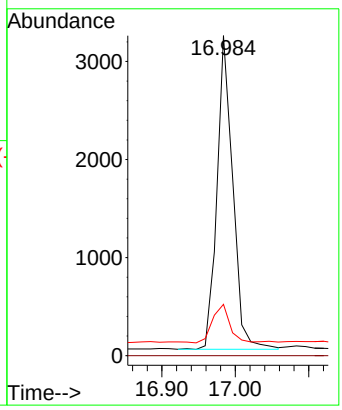


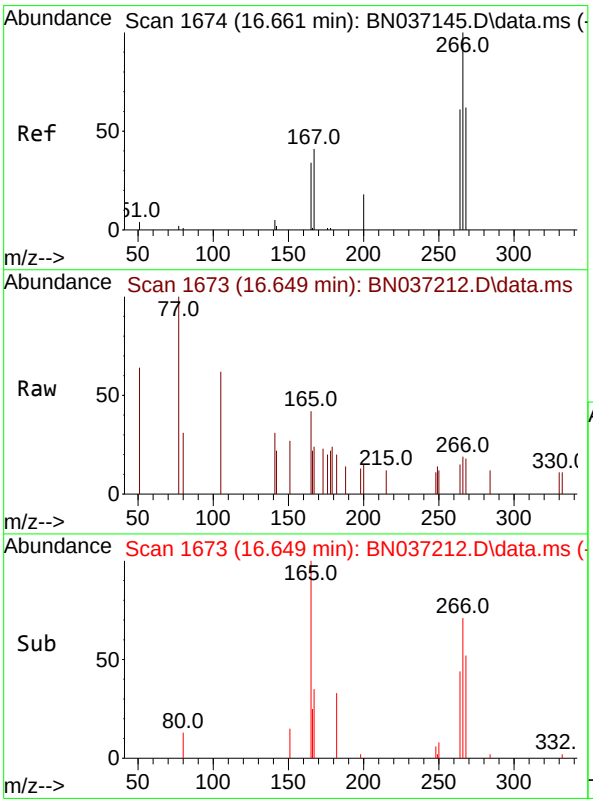
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.984 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037212.D
Acq: 10 Jun 2025 04:01

Instrument :
BNA_N
ClientSampleId :
TW1

Tgt Ion:188 Resp: 4769

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	16.1	11.3	16.9

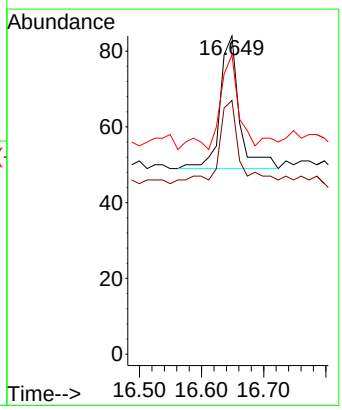


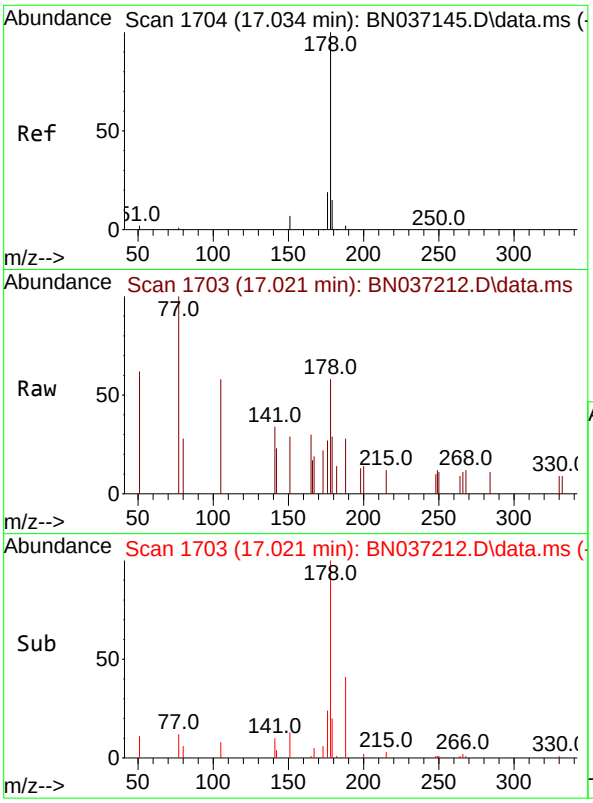


#24
Pentachlorophenol
Concen: 0.252 ng
RT: 16.649 min Scan# 1673
Delta R.T. -0.012 min
Lab File: BN037212.D
Acq: 10 Jun 2025 04:01

Tgt Ion:266 Resp: 75

Ion	Ratio	Lower	Upper
266	100		
264	68.0	49.3	73.9
268	64.0	49.0	73.4



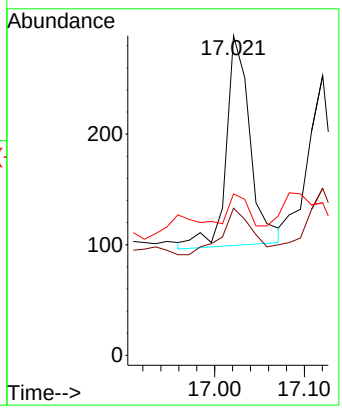


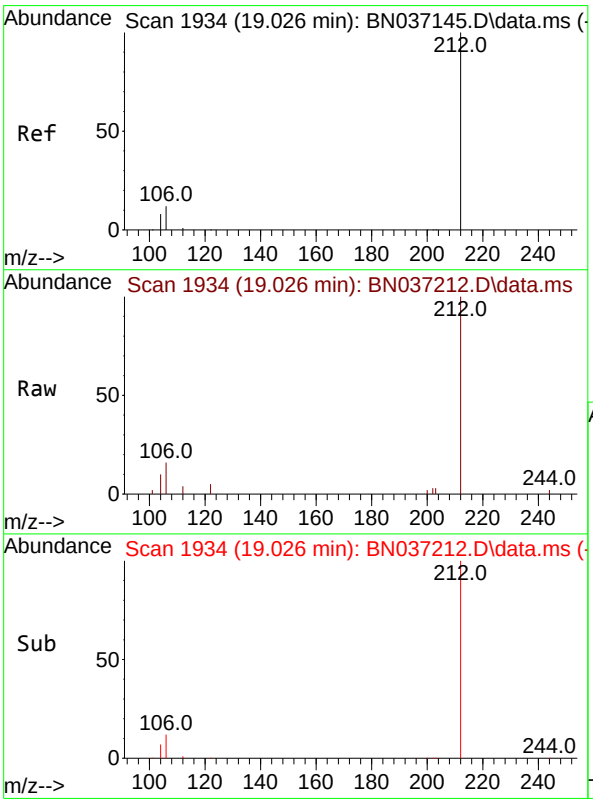
#25
Phenanthrene
Concen: 0.023 ng
RT: 17.021 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN037212.D
Acq: 10 Jun 2025 04:01

Instrument :
BNA_N
ClientSampleId :
TW1

Tgt Ion:178 Resp: 351

Ion	Ratio	Lower	Upper
178	100		
176	29.9	15.7	23.5#
179	17.4	12.3	18.5

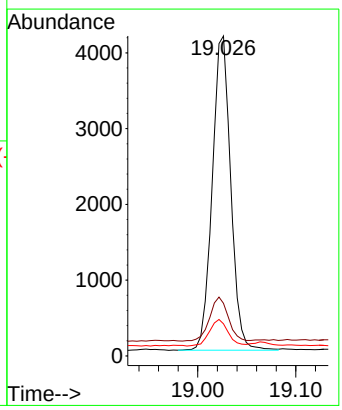


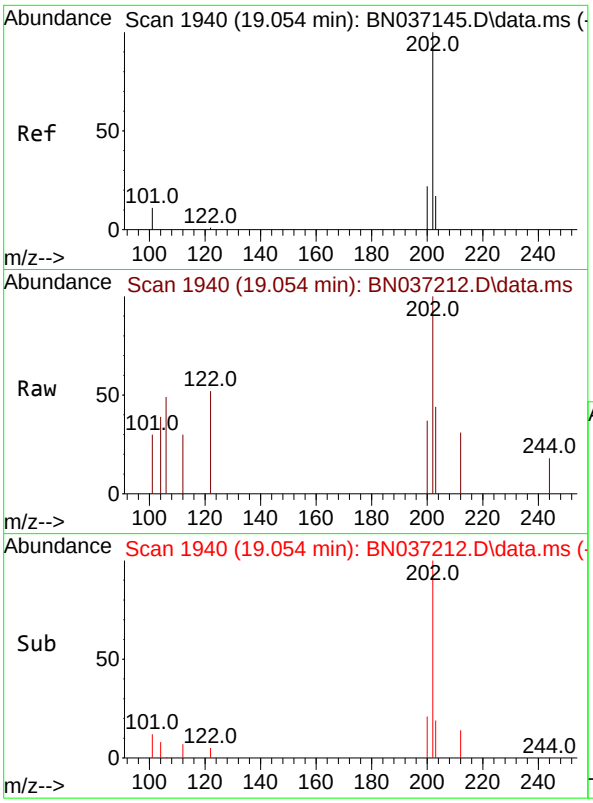


#27
Fluoranthene-d10
Concen: 0.447 ng
RT: 19.026 min Scan# 1934
Delta R.T. -0.000 min
Lab File: BN037212.D
Acq: 10 Jun 2025 04:01

Tgt Ion:212 Resp: 5413

Ion	Ratio	Lower	Upper
212	100		
106	14.1	10.6	15.8
104	8.5	6.6	9.8



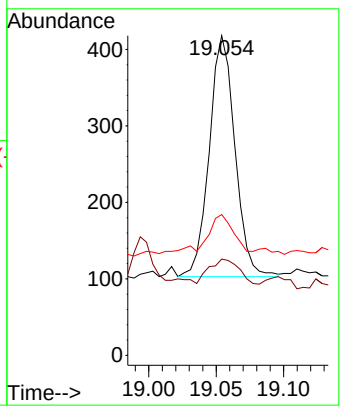


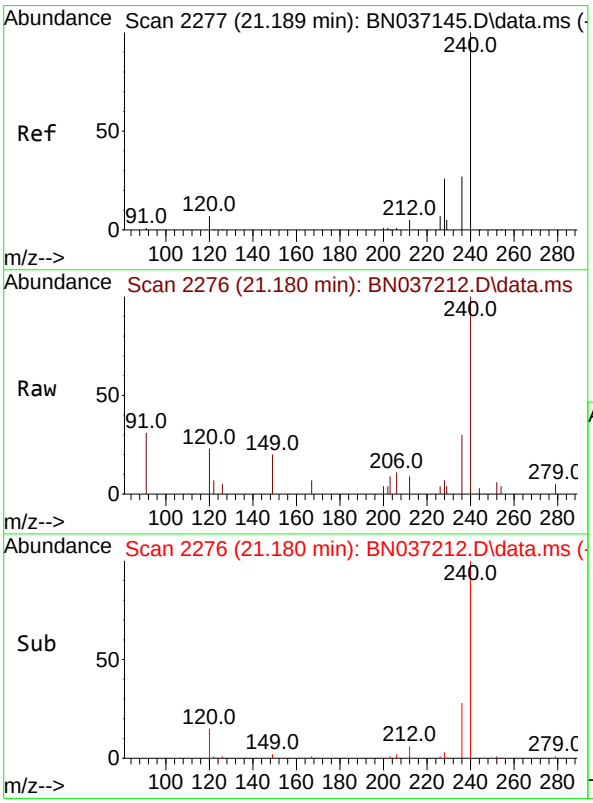
#28
Fluoranthene
Concen: 0.024 ng
RT: 19.054 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037212.D
Acq: 10 Jun 2025 04:01

Instrument :
BNA_N
ClientSampleId :
TW1

Tgt Ion:202 Resp: 416

Ion	Ratio	Lower	Upper
202	100		
101	15.6	8.7	13.1#
203	15.6	13.5	20.3

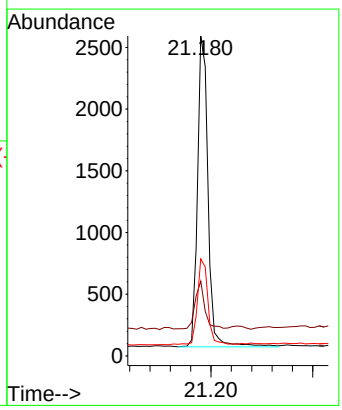


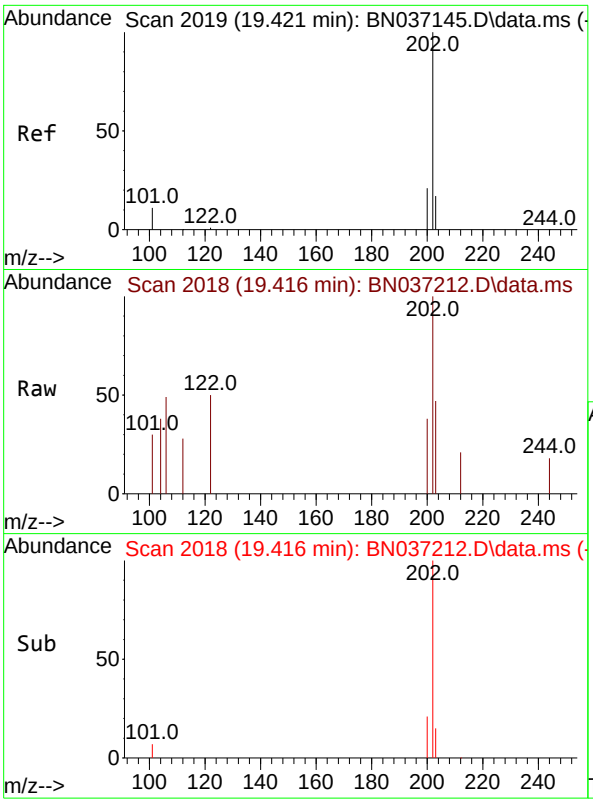


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.180 min Scan# 2276
Delta R.T. -0.009 min
Lab File: BN037212.D
Acq: 10 Jun 2025 04:01

Tgt Ion:240 Resp: 3609

Ion	Ratio	Lower	Upper
240	100		
120	23.4	9.0	13.4#
236	30.4	23.0	34.4



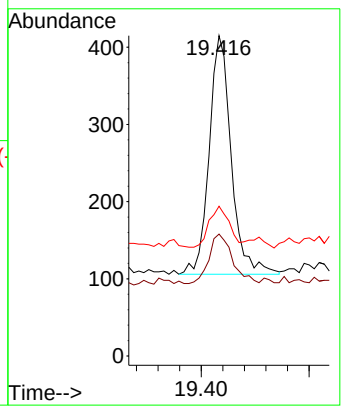


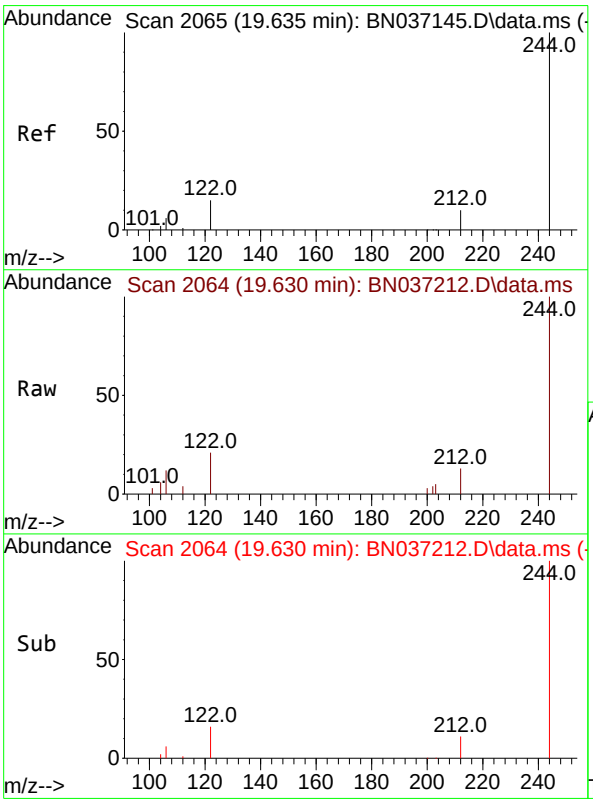
#30
Pyrene
Concen: 0.025 ng
RT: 19.416 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN037212.D
Acq: 10 Jun 2025 04:01

Instrument :
BNA_N
ClientSampleId :
TW1

Tgt Ion:202 Resp: 438

Ion	Ratio	Lower	Upper
202	100		
200	21.9	17.0	25.6
203	17.1	14.2	21.4

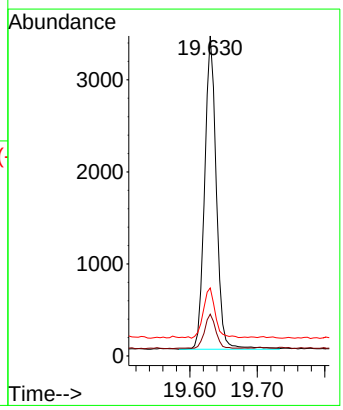


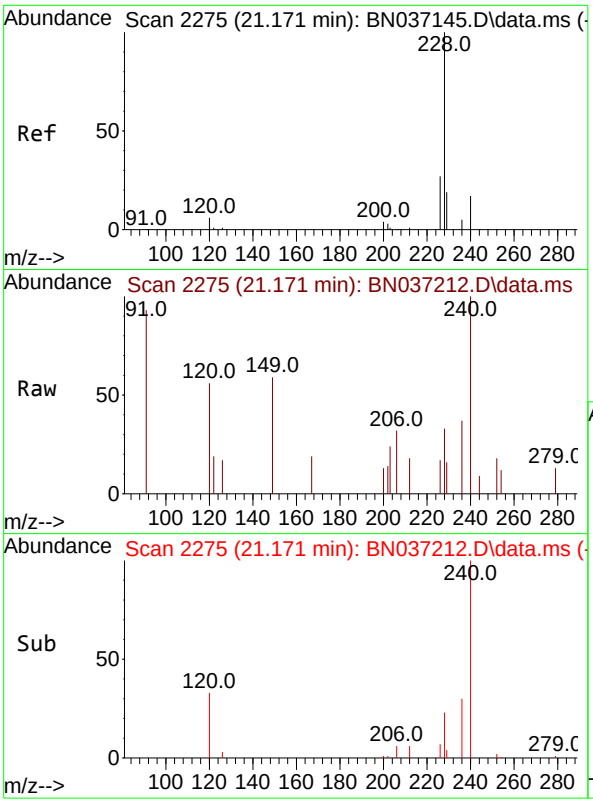


#31
Terphenyl-d14
Concen: 0.481 ng
RT: 19.630 min Scan# 2064
Delta R.T. -0.005 min
Lab File: BN037212.D
Acq: 10 Jun 2025 04:01

Tgt Ion:244 Resp: 4089

Ion	Ratio	Lower	Upper
244	100		
212	13.1	10.0	15.0
122	21.3	13.2	19.8#



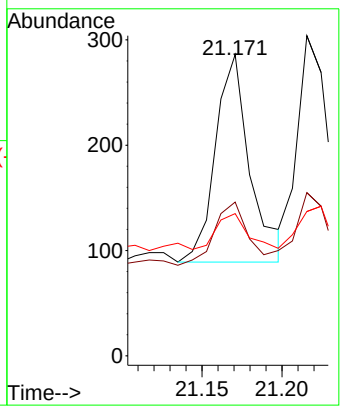


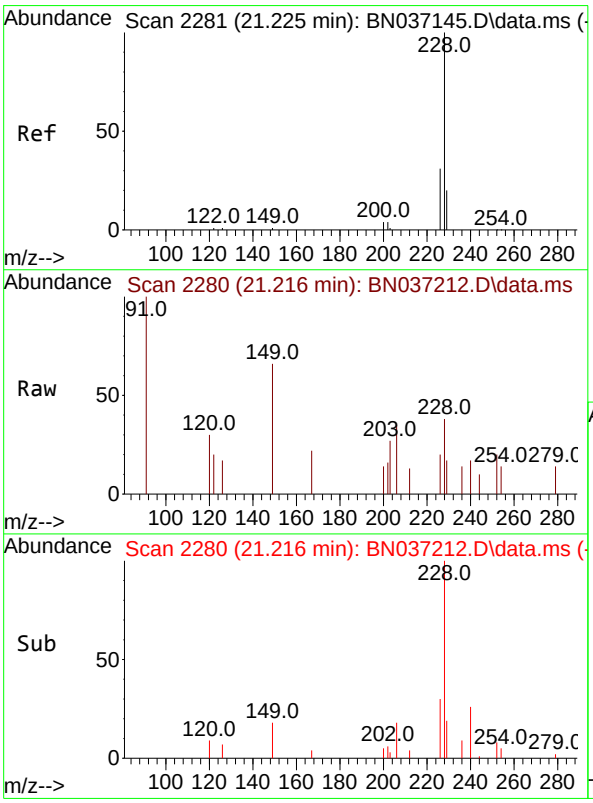
#32
Benzo(a)anthracene
Concen: 0.023 ng
RT: 21.171 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN037212.D
Acq: 10 Jun 2025 04:01

Instrument :
BNA_N
ClientSampleId :
TW1

Tgt Ion:228 Resp: 296

Ion	Ratio	Lower	Upper
228	100		
226	51.0	22.6	33.8#
229	47.2	16.2	24.2#

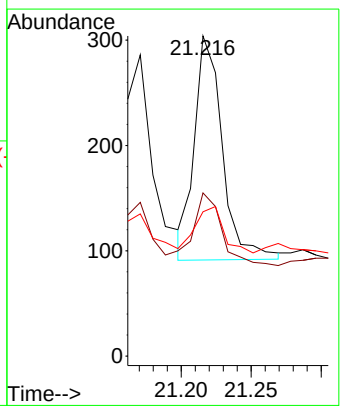


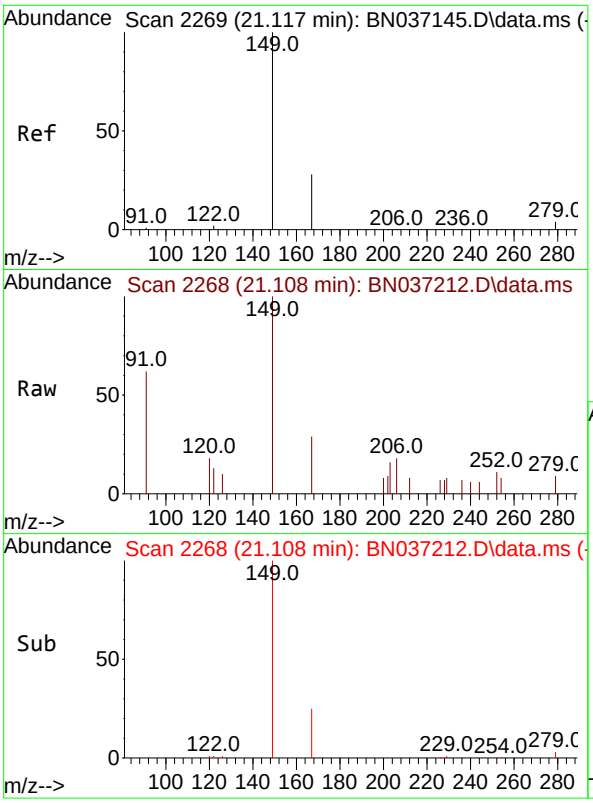


#33
Chrysene
Concen: 0.020 ng
RT: 21.216 min Scan# 2280
Delta R.T. -0.009 min
Lab File: BN037212.D
Acq: 10 Jun 2025 04:01

Tgt Ion:228 Resp: 296

Ion	Ratio	Lower	Upper
228	100		
226	51.0	25.2	37.8#
229	45.1	16.8	25.2#



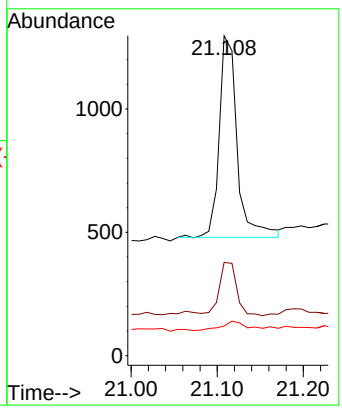


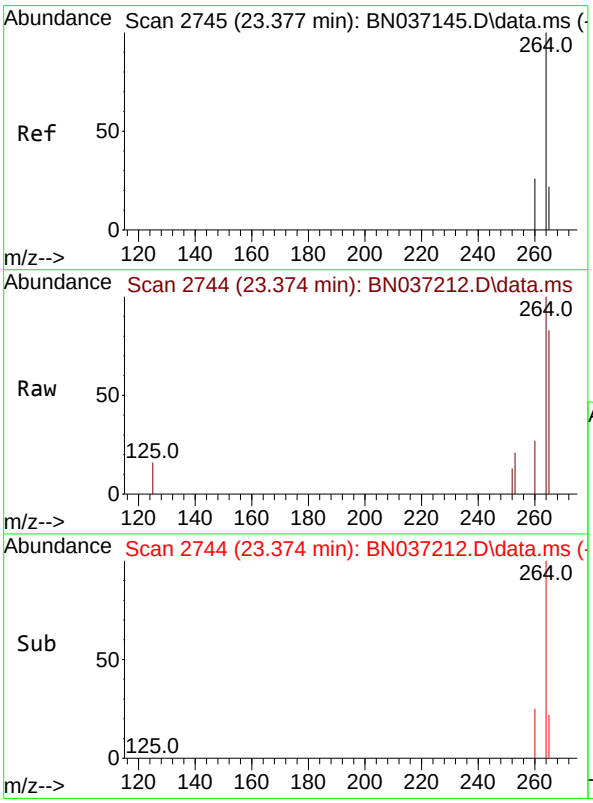
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.143 ng
RT: 21.108 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN037212.D
Acq: 10 Jun 2025 04:01

Instrument :
BNA_N
ClientSampleId :
TW1

Tgt Ion:149 Resp: 1180

Ion	Ratio	Lower	Upper
149	100		
167	25.5	21.0	31.4
279	6.4	2.9	4.3#

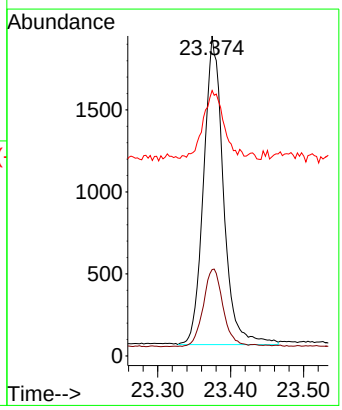


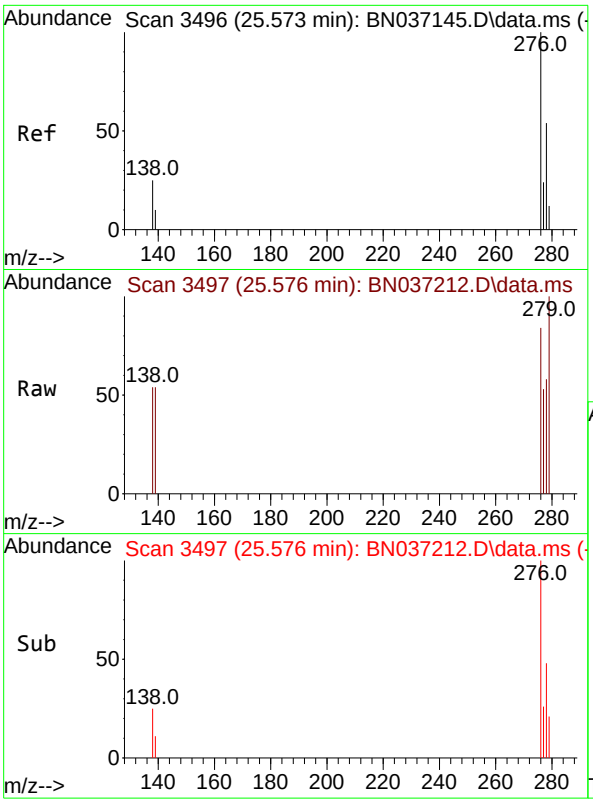


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.374 min Scan# 2744
Delta R.T. -0.003 min
Lab File: BN037212.D
Acq: 10 Jun 2025 04:01

Tgt Ion:264 Resp: 3542

Ion	Ratio	Lower	Upper
264	100		
260	27.0	22.1	33.1
265	82.9	55.8	83.8



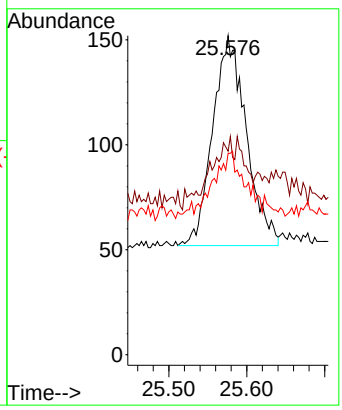


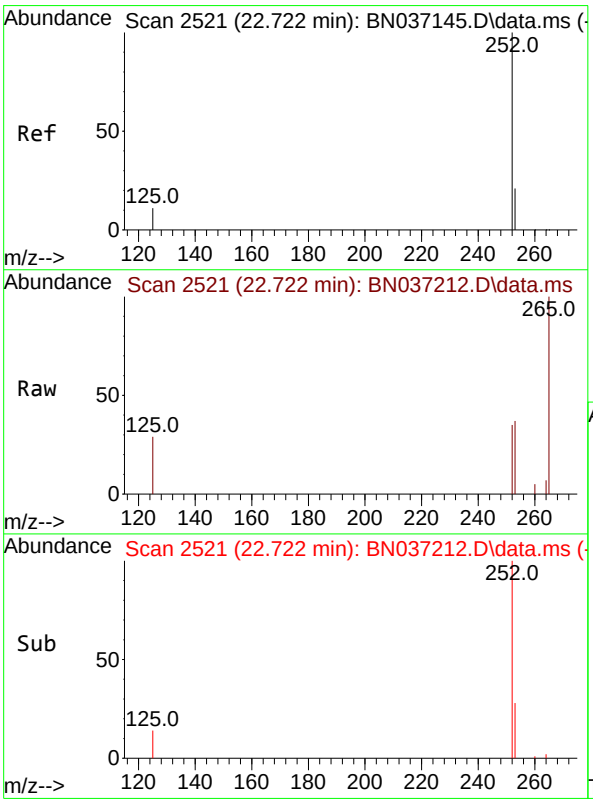
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.021 ng
RT: 25.576 min Scan# 34
Delta R.T. 0.003 min
Lab File: BN037212.D
Acq: 10 Jun 2025 04:01

Instrument :
BNA_N
ClientSampleId :
TW1

Tgt Ion:276 Resp: 300

Ion	Ratio	Lower	Upper
276	100		
138	16.3	21.0	31.6#
277	0.0	19.4	29.2#

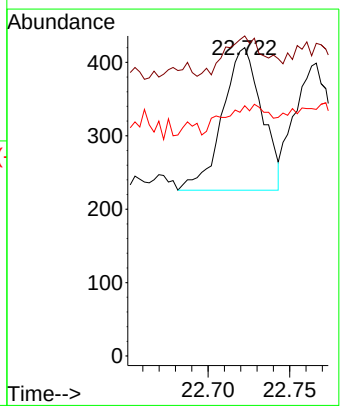


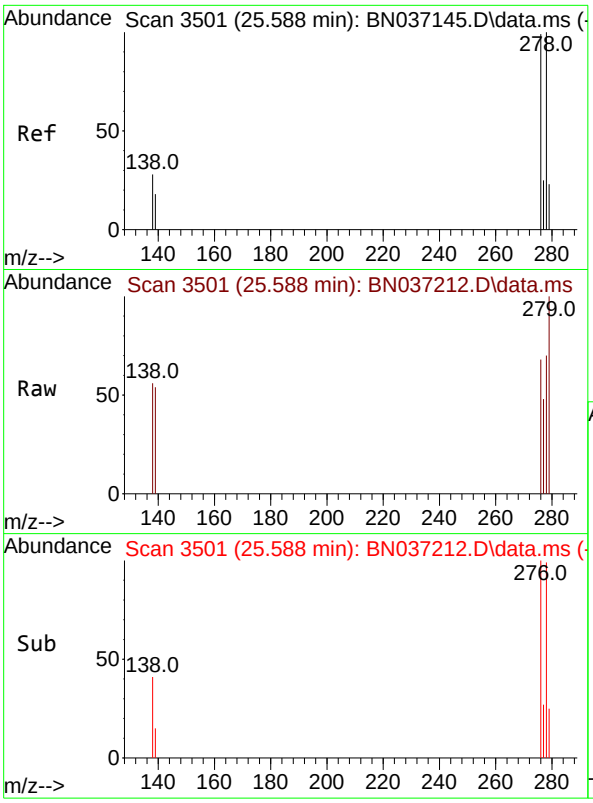


#37
Benzo(b)fluoranthene
Concen: 0.023 ng
RT: 22.722 min Scan# 2521
Delta R.T. -0.000 min
Lab File: BN037212.D
Acq: 10 Jun 2025 04:01

Tgt Ion:252 Resp: 325

Ion	Ratio	Lower	Upper
252	100		
253	103.8	22.3	33.5#
125	81.2	13.2	19.8#



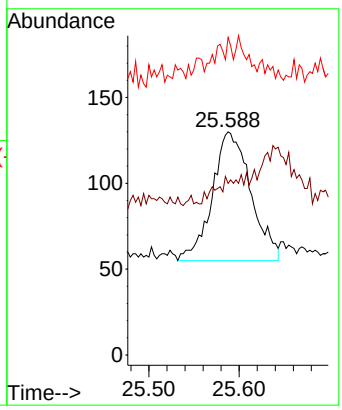


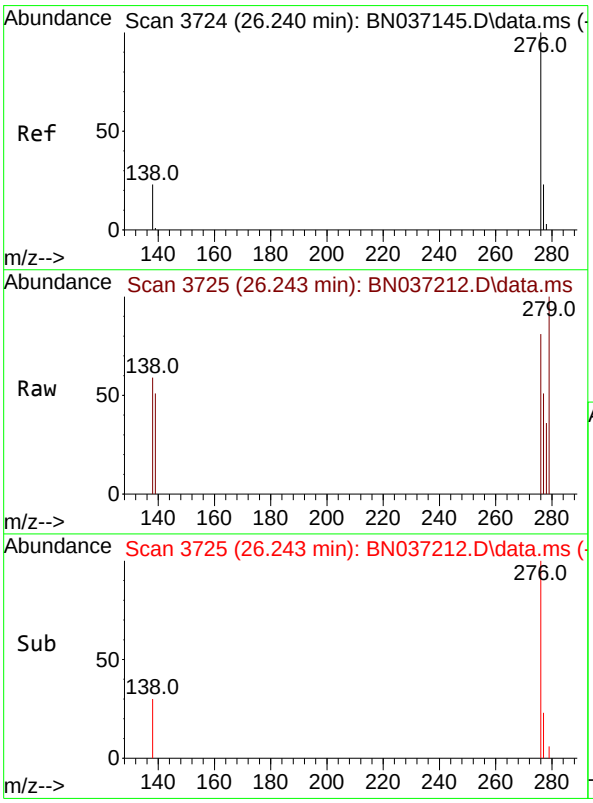
#40
Dibenzo(a,h)anthracene
Concen: 0.020 ng
RT: 25.588 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN037212.D
Acq: 10 Jun 2025 04:01

Instrument :
BNA_N
ClientSampleId :
TW1

Tgt Ion:278 Resp: 222

Ion	Ratio	Lower	Upper
278	100		
139	76.9	17.6	26.4#
279	142.3	26.0	39.0#

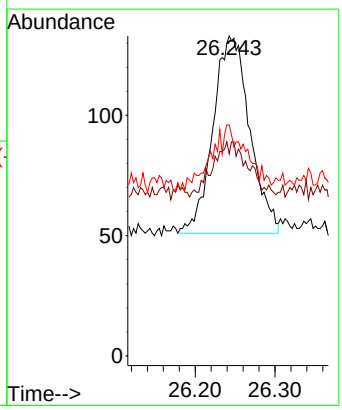




#41
Benzo(g,h,i)perylene
Concen: 0.021 ng
RT: 26.243 min Scan# 3725
Delta R.T. 0.003 min
Lab File: BN037212.D
Acq: 10 Jun 2025 04:01

Tgt Ion:276 Resp: 262

Ion	Ratio	Lower	Upper
276	100		
277	63.2	20.9	31.3#
138	72.2	20.8	31.2#



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060925\
Data File : BN037190.D
Acq On : 09 Jun 2025 11:30
Operator : RC/JU
Sample : PB168336BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB168336BL

Quant Time: Jun 09 12:24:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 04 01:52:03 2025
Response via : Initial Calibration

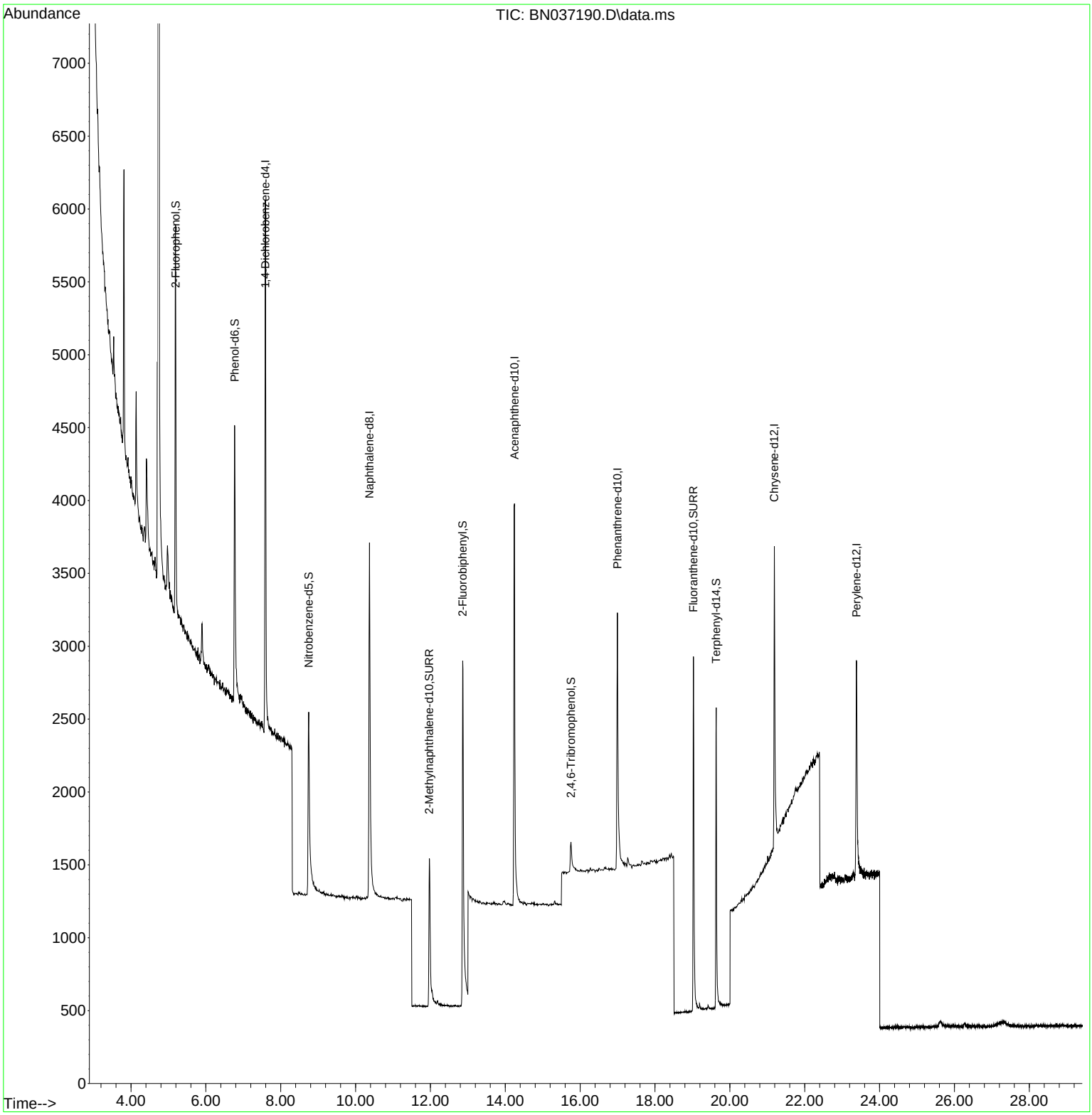
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.589	152	1816	0.400	ng	0.00
7) Naphthalene-d8	10.372	136	4227	0.400	ng	# 0.00
13) Acenaphthene-d10	14.245	164	2101	0.400	ng	0.01
19) Phenanthrene-d10	16.996	188	3500	0.400	ng	0.01
29) Chrysene-d12	21.189	240	2446	0.400	ng	# 0.00
35) Perylene-d12	23.386	264	2291	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.192	112	1866	0.416	ng	0.00
5) Phenol-d6	6.773	99	1994	0.366	ng	0.00
8) Nitrobenzene-d5	8.749	82	1646	0.369	ng	0.01
11) 2-Methylnaphthalene-d10	11.970	152	2143	0.364	ng	0.00
14) 2,4,6-Tribromophenol	15.755	330	207	0.245	ng	0.01
15) 2-Fluorobiphenyl	12.863	172	3619	0.404	ng	0.00
27) Fluoranthene-d10	19.026	212	3511	0.395	ng	0.00
31) Terphenyl-d14	19.635	244	2421	0.420	ng	0.00
Target Compounds						Qvalue

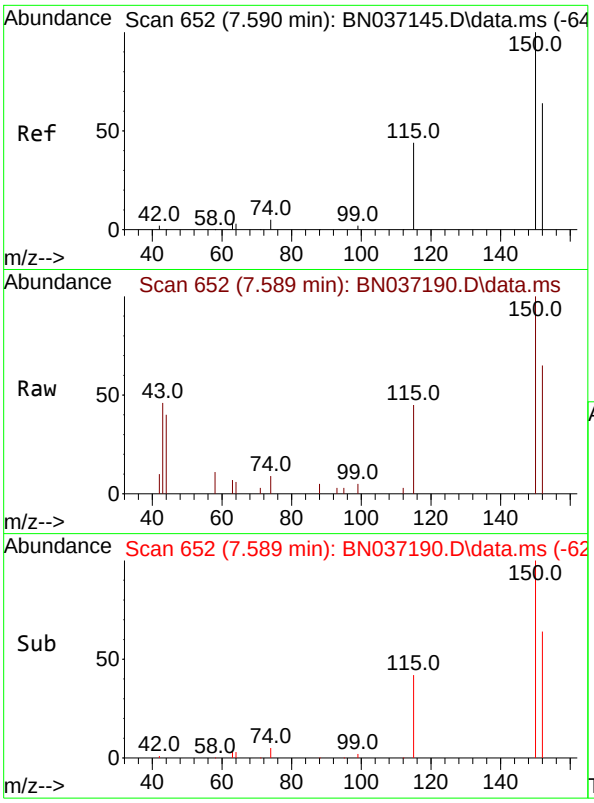
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060925\
Data File : BN037190.D
Acq On : 09 Jun 2025 11:30
Operator : RC/JU
Sample : PB168336BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB168336BL

Quant Time: Jun 09 12:24:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 04 01:52:03 2025
Response via : Initial Calibration



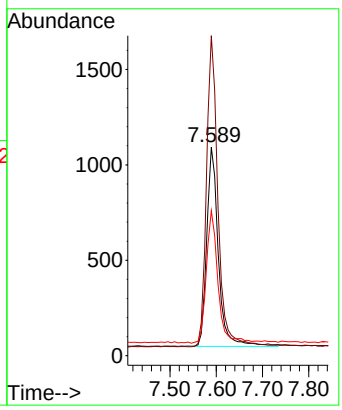


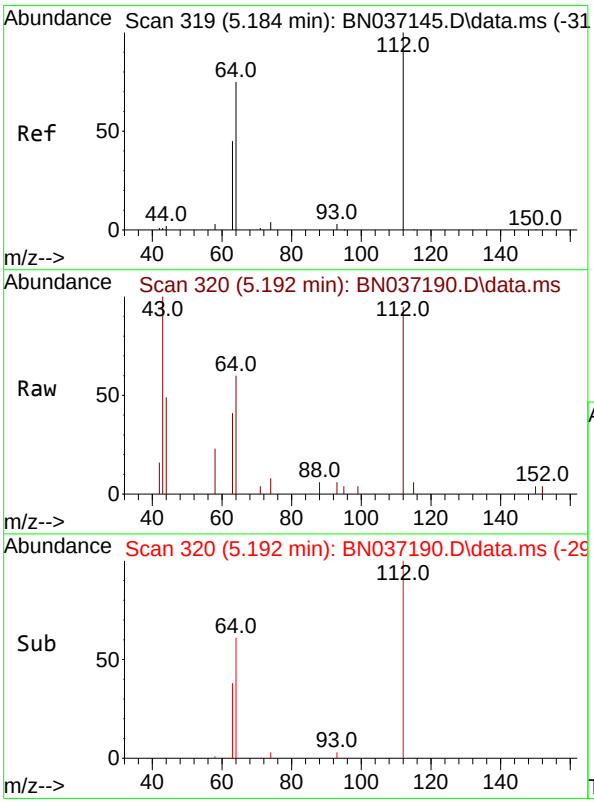
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.589 min Scan# 6
Delta R.T. -0.001 min
Lab File: BN037190.D
Acq: 09 Jun 2025 11:30

Instrument :
BNA_N
ClientSampleId :
PB168336BL

Tgt Ion:152 Resp: 1816

Ion	Ratio	Lower	Upper
152	100		
150	153.4	123.2	184.8
115	69.5	56.6	85.0

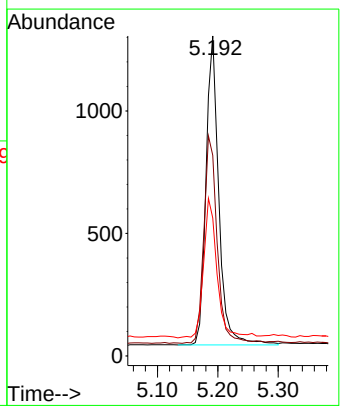


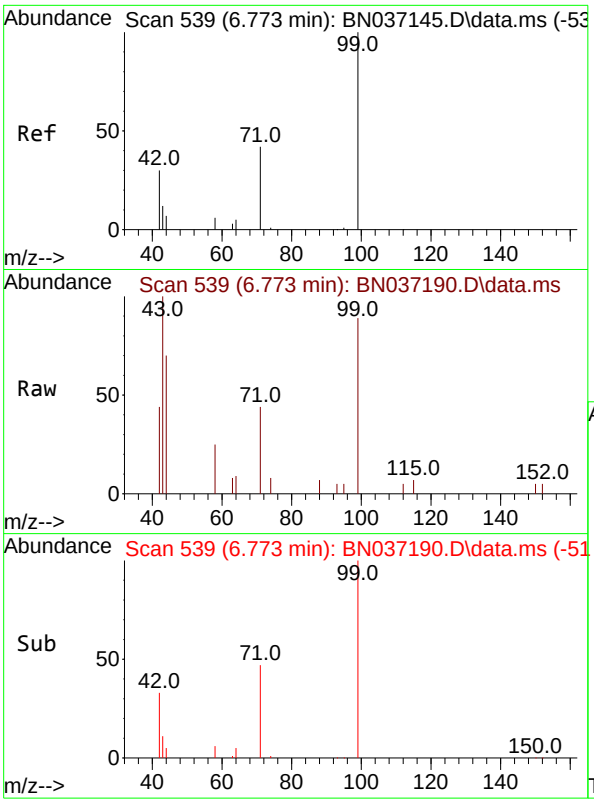


#4
2-Fluorophenol
Concen: 0.416 ng
RT: 5.192 min Scan# 320
Delta R.T. 0.007 min
Lab File: BN037190.D
Acq: 09 Jun 2025 11:30

Tgt Ion:112 Resp: 1866

Ion	Ratio	Lower	Upper
112	100		
64	69.8	56.3	84.5
63	47.4	36.2	54.4



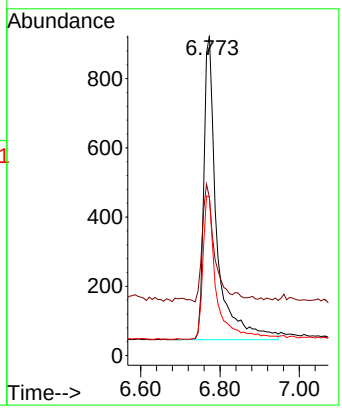


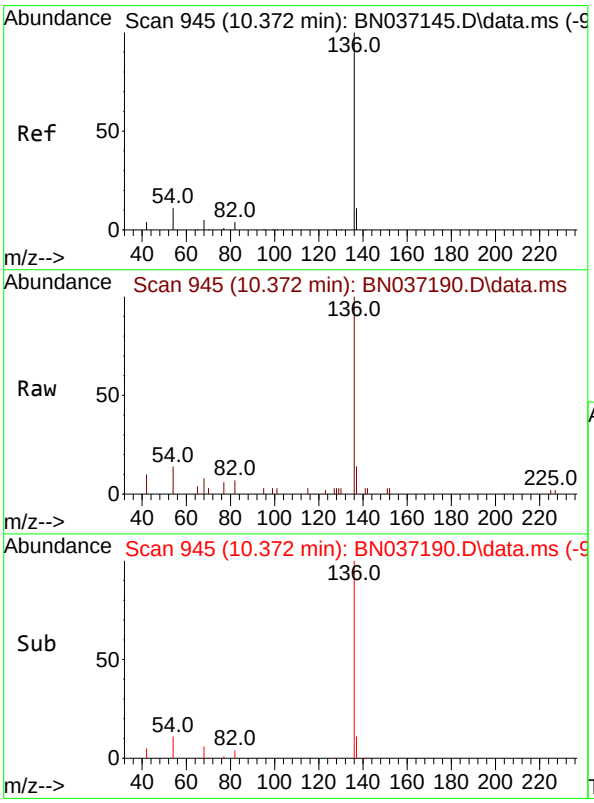
#5
Phenol-d6
Concen: 0.366 ng
RT: 6.773 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN037190.D
Acq: 09 Jun 2025 11:30

Instrument :
BNA_N
ClientSampleId :
PB168336BL

Tgt Ion: 99 Resp: 1994

Ion	Ratio	Lower	Upper
99	100		
42	34.5	31.3	46.9
71	48.8	38.2	57.2

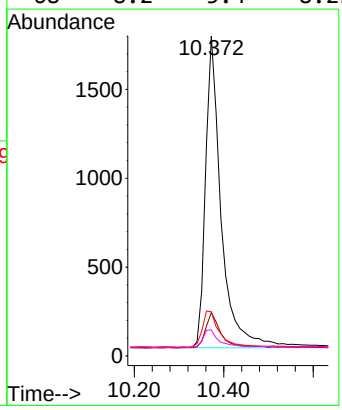


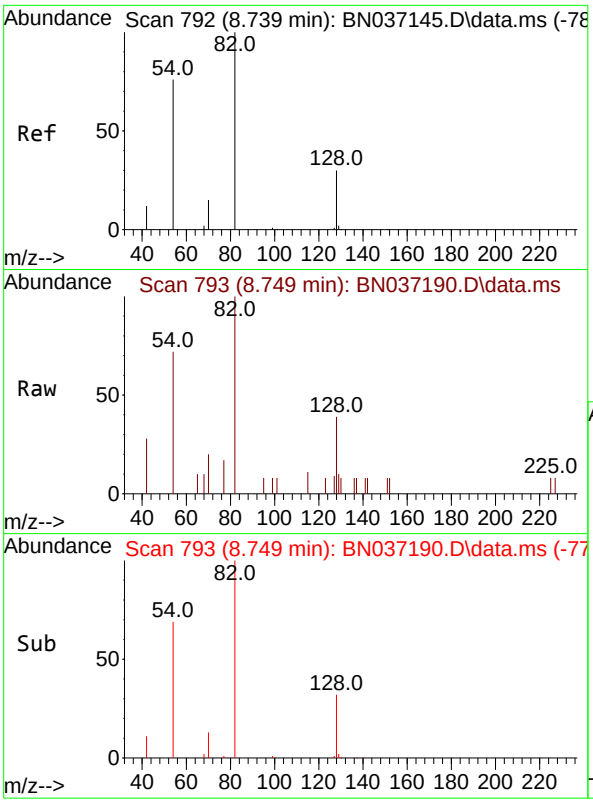


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.372 min Scan# 945
Delta R.T. -0.000 min
Lab File: BN037190.D
Acq: 09 Jun 2025 11:30

Tgt Ion:136 Resp: 4227

Ion	Ratio	Lower	Upper
136	100		
137	13.6	9.7	14.5
54	13.8	9.7	14.5
68	8.2	5.4	8.2#



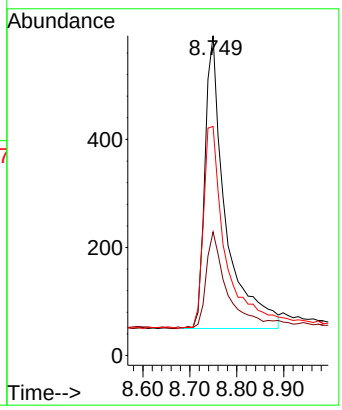


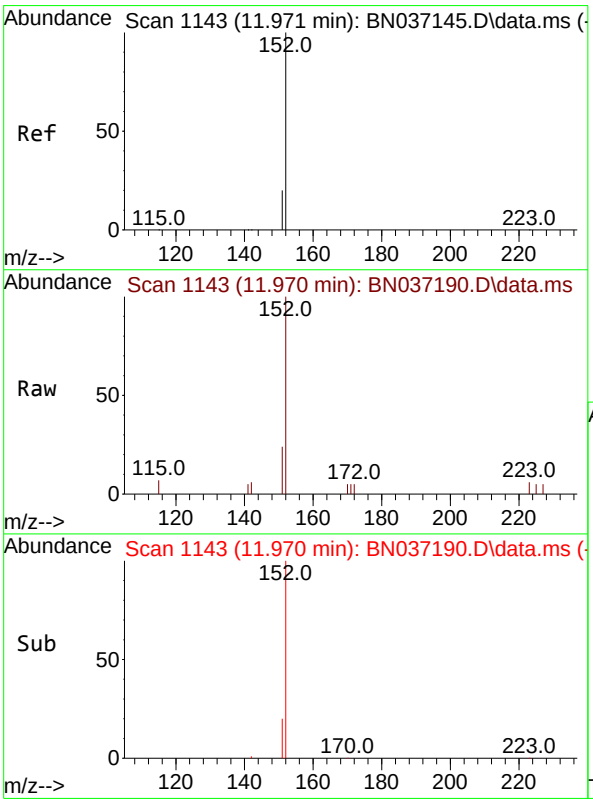
#8
Nitrobenzene-d5
Concen: 0.369 ng
RT: 8.749 min Scan# 7
Delta R.T. 0.011 min
Lab File: BN037190.D
Acq: 09 Jun 2025 11:30

Instrument :
BNA_N
ClientSampleId :
PB168336BL

Tgt Ion: 82 Resp: 1646

Ion	Ratio	Lower	Upper
82	100		
128	38.7	26.9	40.3
54	71.6	61.4	92.2

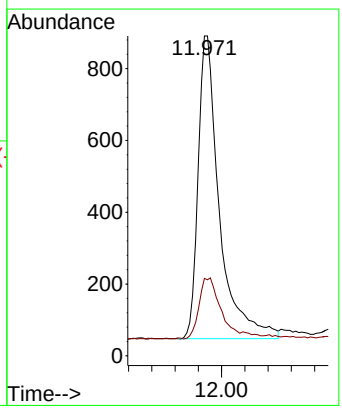


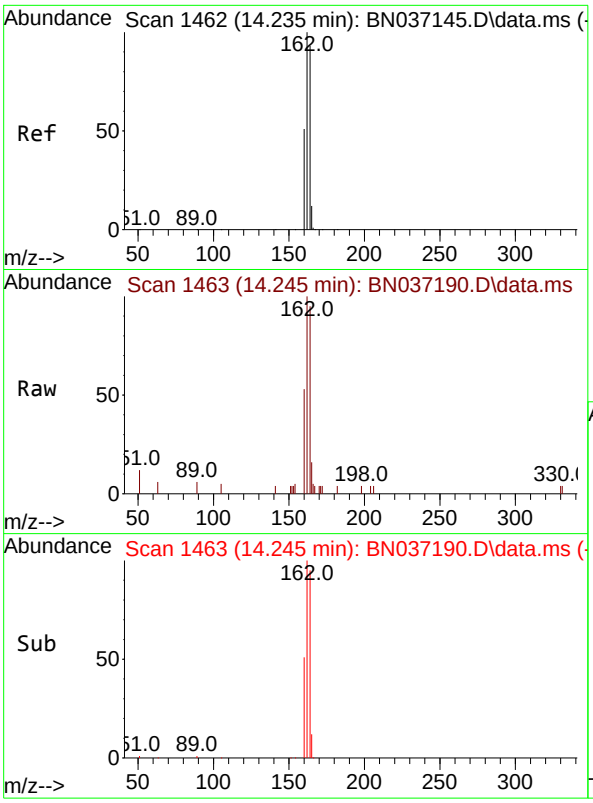


#11
2-Methylnaphthalene-d10
Concen: 0.364 ng
RT: 11.970 min Scan# 1143
Delta R.T. -0.000 min
Lab File: BN037190.D
Acq: 09 Jun 2025 11:30

Tgt Ion:152 Resp: 2143

Ion	Ratio	Lower	Upper
152	100		
151	21.8	17.1	25.7



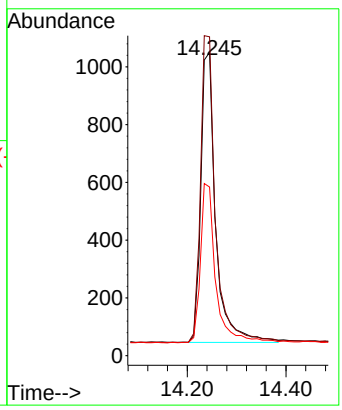


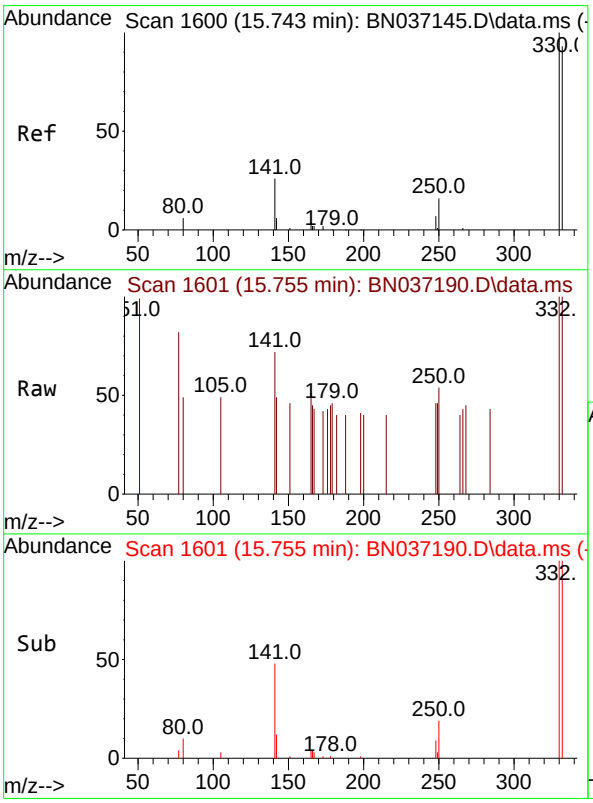
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.245 min Scan# 14
Delta R.T. 0.011 min
Lab File: BN037190.D
Acq: 09 Jun 2025 11:30

Instrument :
BNA_N
ClientSampleId :
PB168336BL

Tgt Ion:164 Resp: 2101

Ion	Ratio	Lower	Upper
164	100		
162	105.1	85.5	128.3
160	55.6	44.6	67.0

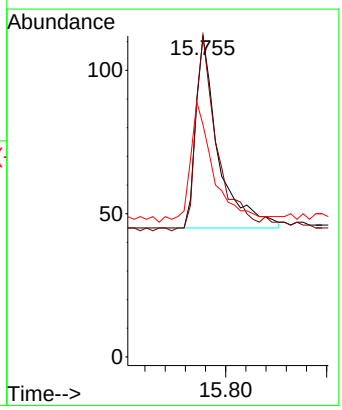


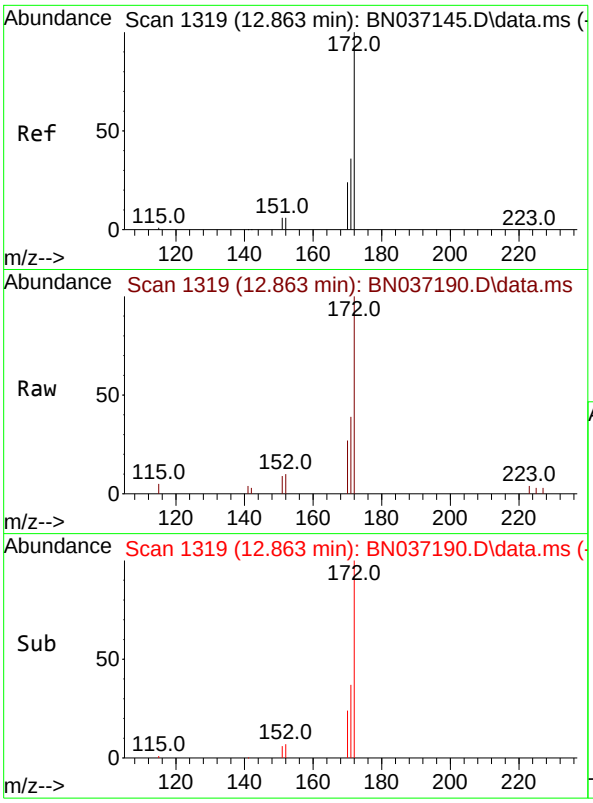


#14
2,4,6-Tribromophenol
Concen: 0.245 ng
RT: 15.755 min Scan# 1601
Delta R.T. 0.012 min
Lab File: BN037190.D
Acq: 09 Jun 2025 11:30

Tgt Ion:330 Resp: 207

Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.1	115.7
141	66.7	46.4	69.6



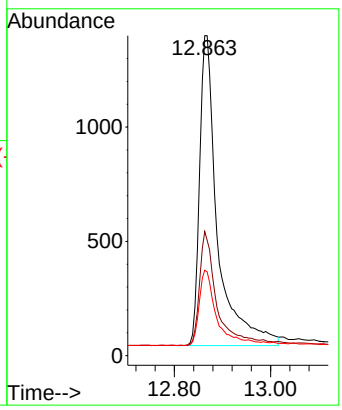


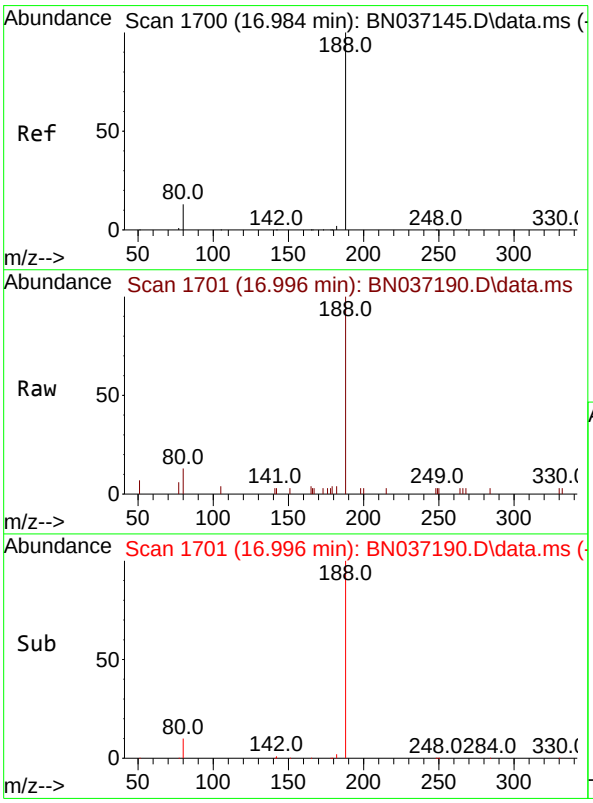
#15
2-Fluorobiphenyl
Concen: 0.404 ng
RT: 12.863 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037190.D
Acq: 09 Jun 2025 11:30

Instrument :
BNA_N
ClientSampleId :
PB168336BL

Tgt Ion:172 Resp: 3619

Ion	Ratio	Lower	Upper
172	100		
171	38.8	29.6	44.4
170	26.7	20.3	30.5

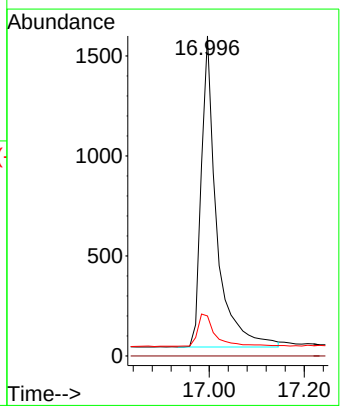


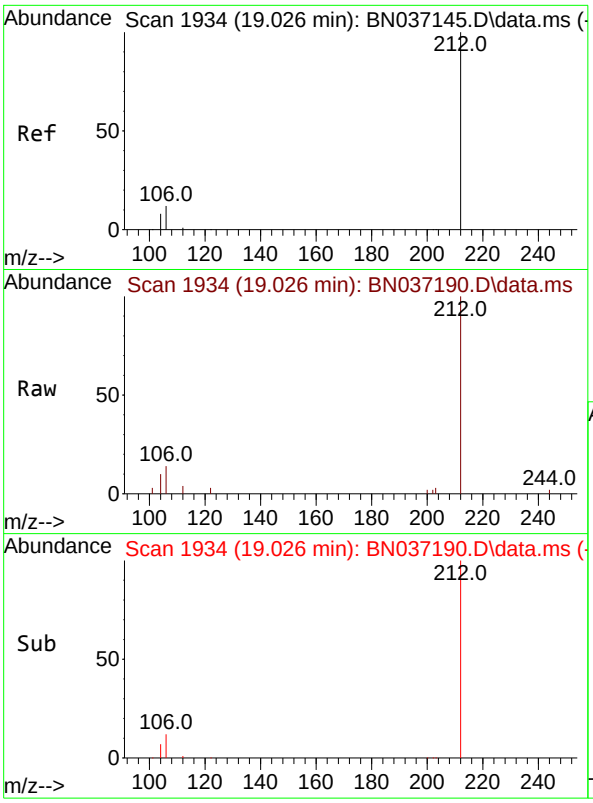


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.996 min Scan# 1701
Delta R.T. 0.012 min
Lab File: BN037190.D
Acq: 09 Jun 2025 11:30

Tgt Ion:188 Resp: 3500

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.5	11.3	16.9



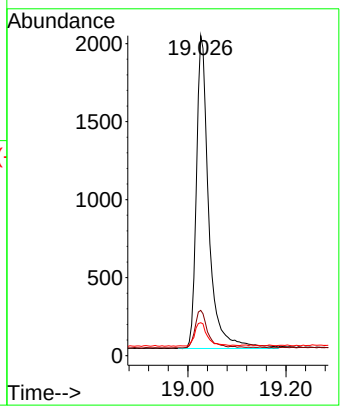


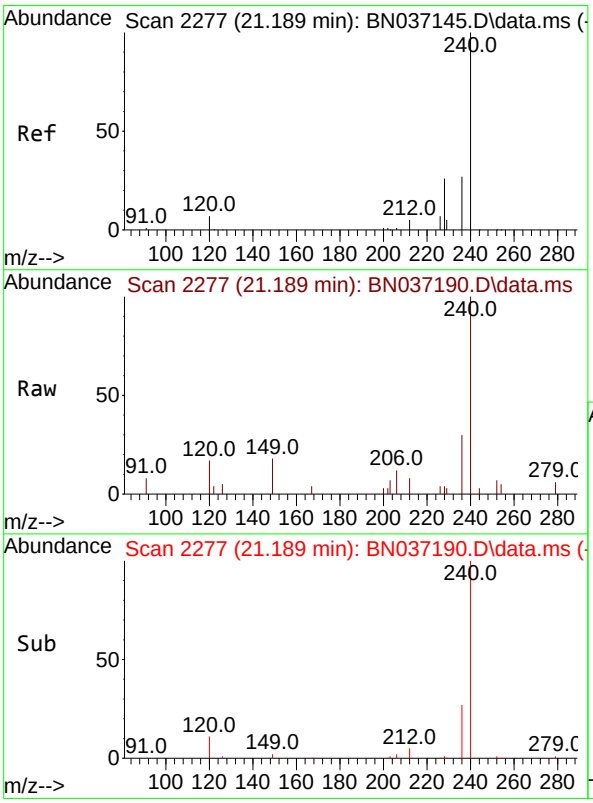
#27
Fluoranthene-d10
Concen: 0.395 ng
RT: 19.026 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037190.D
Acq: 09 Jun 2025 11:30

Instrument :
BNA_N
ClientSampleId :
PB168336BL

Tgt Ion:212 Resp: 3511

Ion	Ratio	Lower	Upper
212	100		
106	12.0	10.6	15.8
104	7.4	6.6	9.8

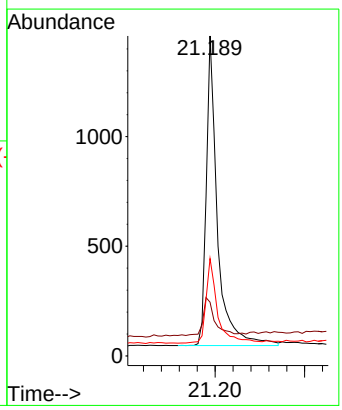


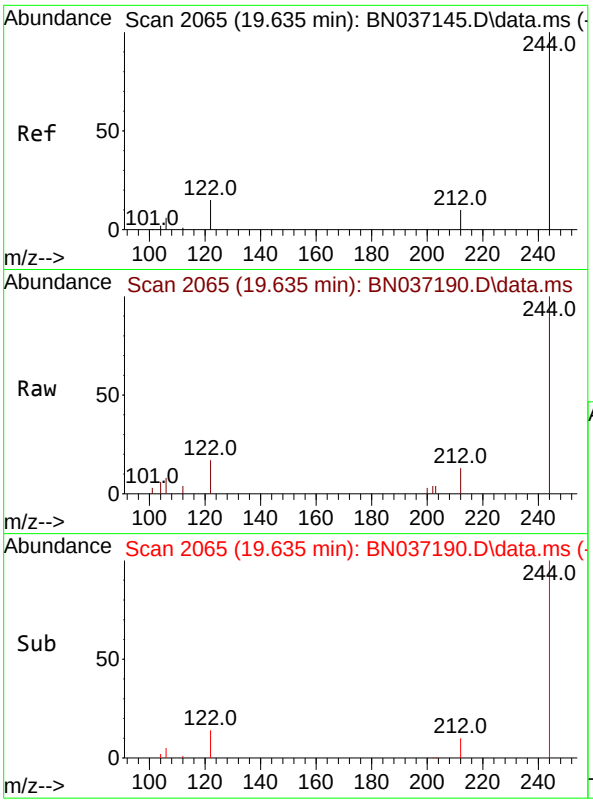


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.189 min Scan# 2277
Delta R.T. -0.000 min
Lab File: BN037190.D
Acq: 09 Jun 2025 11:30

Tgt Ion:240 Resp: 2446

Ion	Ratio	Lower	Upper
240	100		
120	16.8	9.0	13.4#
236	30.4	23.0	34.4



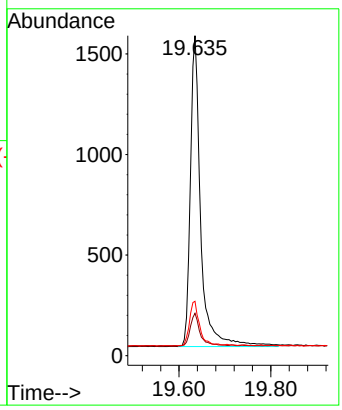


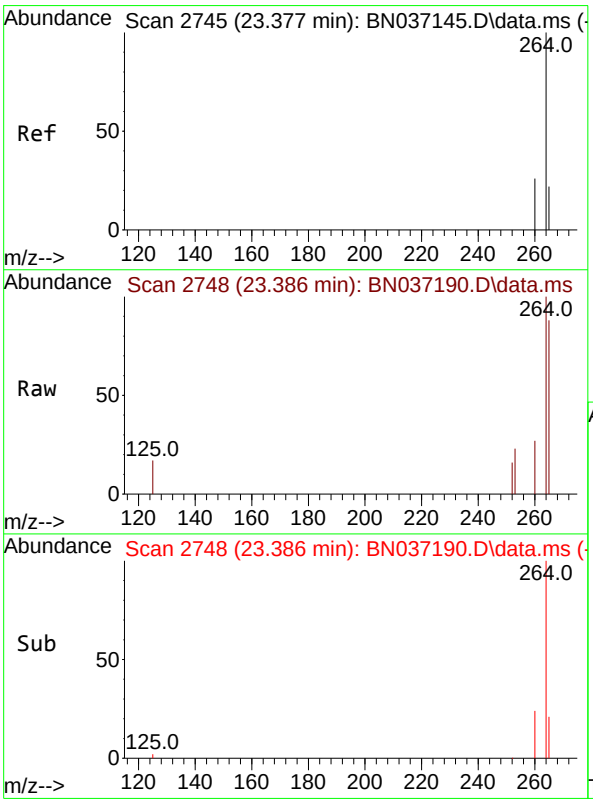
#31
Terphenyl-d14
Concen: 0.420 ng
RT: 19.635 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN037190.D
Acq: 09 Jun 2025 11:30

Instrument :
BNA_N
ClientSampleId :
PB168336BL

Tgt Ion:244 Resp: 2421

Ion	Ratio	Lower	Upper
244	100		
212	13.3	10.0	15.0
122	17.0	13.2	19.8

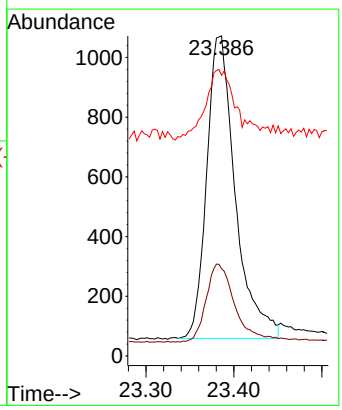




#35
Perylene-d12
Concen: 0.400 ng
RT: 23.386 min Scan# 2748
Delta R.T. 0.009 min
Lab File: BN037190.D
Acq: 09 Jun 2025 11:30

Tgt Ion:264 Resp: 2291

Ion	Ratio	Lower	Upper
264	100		
260	27.2	22.1	33.1
265	87.7	55.8	83.8#



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060925\
Data File : BN037201.D
Acq On : 09 Jun 2025 20:40
Operator : RC/JU
Sample : PB168336BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB168336BS

Quant Time: Jun 10 04:03:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 04 01:52:03 2025
Response via : Initial Calibration

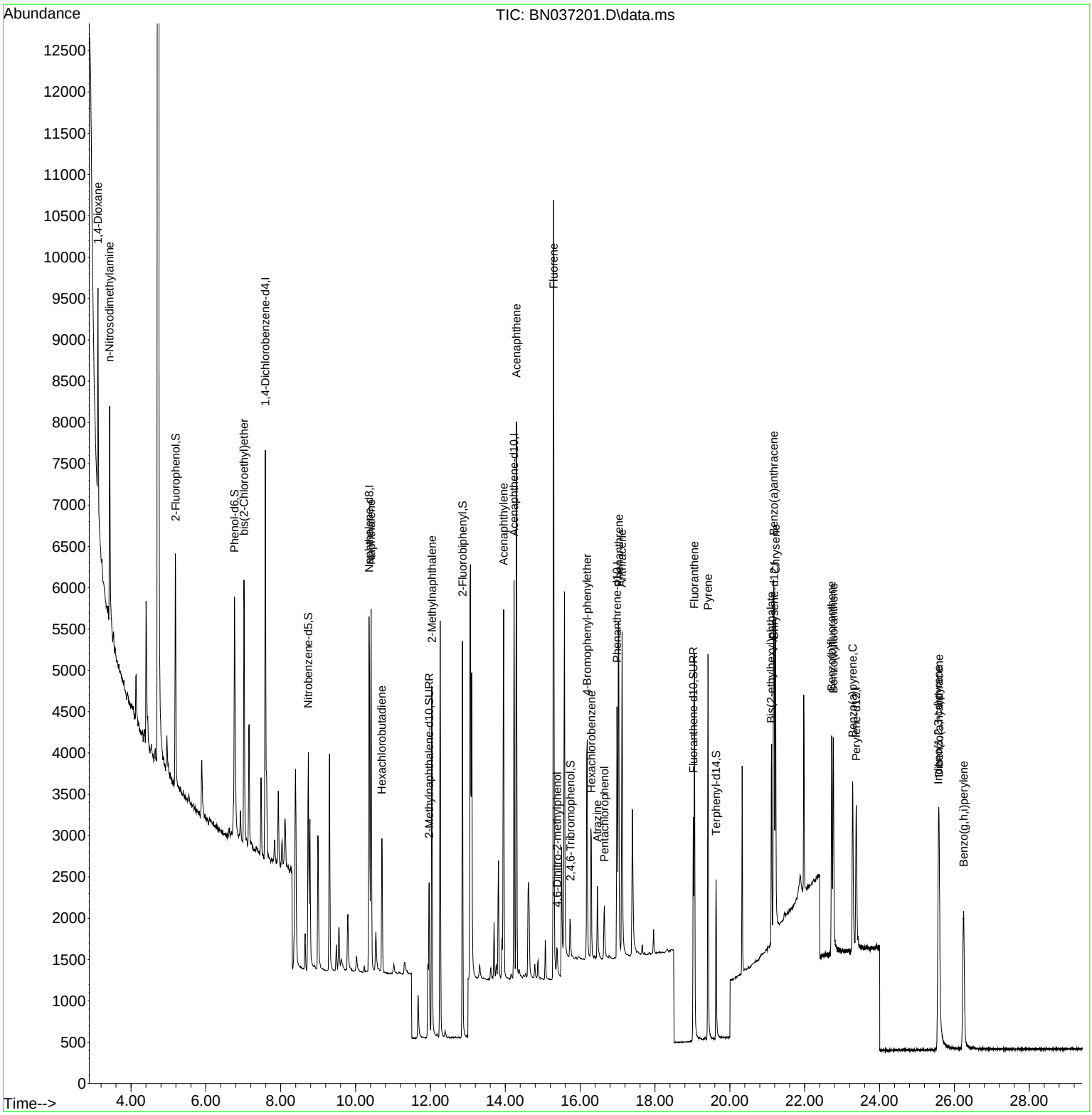
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.589	152	2227	0.400	ng	0.00
7) Naphthalene-d8	10.361	136	5466	0.400	ng	#-0.01
13) Acenaphthene-d10	14.234	164	2607	0.400	ng	0.00
19) Phenanthrene-d10	16.984	188	4253	0.400	ng	0.00
29) Chrysene-d12	21.188	240	2468	0.400	ng	# 0.00
35) Perylene-d12	23.377	264	2373	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.191	112	2001	0.363	ng	0.00
5) Phenol-d6	6.766	99	2345	0.351	ng	0.00
8) Nitrobenzene-d5	8.738	82	2065	0.358	ng	0.00
11) 2-Methylnaphthalene-d10	11.965	152	2755	0.362	ng	0.00
14) 2,4,6-Tribromophenol	15.742	330	307	0.292	ng	0.00
15) 2-Fluorobiphenyl	12.858	172	4234	0.381	ng	0.00
27) Fluoranthene-d10	19.026	212	3278	0.303	ng	0.00
31) Terphenyl-d14	19.634	244	2215	0.381	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.119	88	1196	0.403	ng	# 44
3) n-Nitrosodimethylamine	3.429	42	2277	0.382	ng	# 91
6) bis(2-Chloroethyl)ether	7.019	93	2167	0.340	ng	95
9) Naphthalene	10.415	128	5395	0.342	ng	100
10) Hexachlorobutadiene	10.703	225	1252	0.364	ng	# 97
12) 2-Methylnaphthalene	12.041	142	3113	0.308	ng	99
16) Acenaphthylene	13.956	152	4871	0.381	ng	100
17) Acenaphthene	14.298	154	2908	0.350	ng	100
18) Fluorene	15.293	166	3677	0.337	ng	100
20) 4,6-Dinitro-2-methylph...	15.389	198	337	0.545	ng	# 68
21) 4-Bromophenyl-phenylether	16.189	248	1073	0.385	ng	91
22) Hexachlorobenzene	16.301	284	1184	0.394	ng	98
23) Atrazine	16.462	200	810	0.352	ng	98
24) Pentachlorophenol	16.648	266	393	0.433	ng	98
25) Phenanthrene	17.033	178	4954	0.360	ng	100
26) Anthracene	17.120	178	4498	0.358	ng	98
28) Fluoranthene	19.054	202	4519	0.297	ng	100
30) Pyrene	19.416	202	4443	0.369	ng	99
32) Benzo(a)anthracene	21.170	228	3255	0.364	ng	98
33) Chrysene	21.224	228	3659	0.368	ng	99
34) Bis(2-ethylhexyl)phtha...	21.108	149	1974	0.350	ng	100
36) Indeno(1,2,3-cd)pyrene	25.573	276	4127	0.437	ng	98
37) Benzo(b)fluoranthene	22.722	252	3317	0.346	ng	92
38) Benzo(k)fluoranthene	22.766	252	3519	0.360	ng	94
39) Benzo(a)pyrene	23.283	252	3154	0.393	ng	94
40) Dibenzo(a,h)anthracene	25.590	278	3219	0.442	ng	96
41) Benzo(g,h,i)perylene	26.248	276	3529	0.422	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060925\
Data File : BN037201.D
Acq On : 09 Jun 2025 20:40
Operator : RC/JU
Sample : PB168336BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB168336BS

Quant Time: Jun 10 04:03:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 04 01:52:03 2025
Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060925\
Data File : BN037192.D
Acq On : 09 Jun 2025 14:33
Operator : RC/JU
Sample : Q2250-02MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 09 15:40:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 04 01:52:03 2025
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
MW-11A-13.5-060525MS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.589	152	2144	0.400	ng	0.00
7) Naphthalene-d8	10.361	136	5670	0.400	ng	#-0.01
13) Acenaphthene-d10	14.234	164	2991	0.400	ng	0.00
19) Phenanthrene-d10	16.984	188	5389	0.400	ng	0.00
29) Chrysene-d12	21.188	240	3448	0.400	ng	0.00
35) Perylene-d12	23.380	264	3177	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.184	112	842	0.159	ng	0.00
5) Phenol-d6	6.766	99	649	0.101	ng	0.00
8) Nitrobenzene-d5	8.739	82	1888	0.316	ng	0.00
11) 2-Methylnaphthalene-d10	11.965	152	2380m	0.302	ng	0.00
14) 2,4,6-Tribromophenol	15.730	330	466	0.387	ng	-0.01
15) 2-Fluorobiphenyl	12.858	172	4371	0.343	ng	0.00
27) Fluoranthene-d10	19.026	212	5042	0.368	ng	0.00
31) Terphenyl-d14	19.630	244	3837	0.473	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.111	88	8692	3.041	ng	94
3) n-Nitrosodimethylamine	3.429	42	693	0.121	ng	# 80
6) bis(2-Chloroethyl)ether	7.019	93	2028	0.331	ng	96
9) Naphthalene	10.415	128	5151	0.315	ng	99
10) Hexachlorobutadiene	10.703	225	918	0.258	ng	# 100
12) 2-Methylnaphthalene	12.036	142	3206	0.306	ng	98
16) Acenaphthylene	13.956	152	5430	0.370	ng	100
17) Acenaphthene	14.299	154	3253	0.342	ng	99
18) Fluorene	15.293	166	4617	0.369	ng	98
20) 4,6-Dinitro-2-methylph...	15.378	198	513	0.599	ng	# 58
21) 4-Bromophenyl-phenylether	16.189	248	1414	0.400	ng	# 83
22) Hexachlorobenzene	16.301	284	1382	0.363	ng	99
23) Atrazine	16.462	200	1269	0.435	ng	# 91
24) Pentachlorophenol	16.636	266	1565	0.901	ng	98
25) Phenanthrene	17.021	178	7297	0.418	ng	99
26) Anthracene	17.120	178	6246	0.392	ng	98
28) Fluoranthene	19.054	202	7085	0.367	ng	# 97
30) Pyrene	19.416	202	7143	0.424	ng	99
32) Benzo(a)anthracene	21.171	228	5416	0.434	ng	99
33) Chrysene	21.224	228	5649	0.407	ng	100
34) Bis(2-ethylhexyl)phtha...	21.117	149	3531	0.448	ng	99
36) Indeno(1,2,3-cd)pyrene	25.576	276	5130	0.406	ng	99
37) Benzo(b)fluoranthene	22.725	252	4923m	0.384	ng	
38) Benzo(k)fluoranthene	22.766	252	4787	0.366	ng	94
39) Benzo(a)pyrene	23.284	252	4119	0.383	ng	93
40) Dibenzo(a,h)anthracene	25.590	278	4003	0.411	ng	100
41) Benzo(g,h,i)perylene	26.245	276	4218	0.377	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

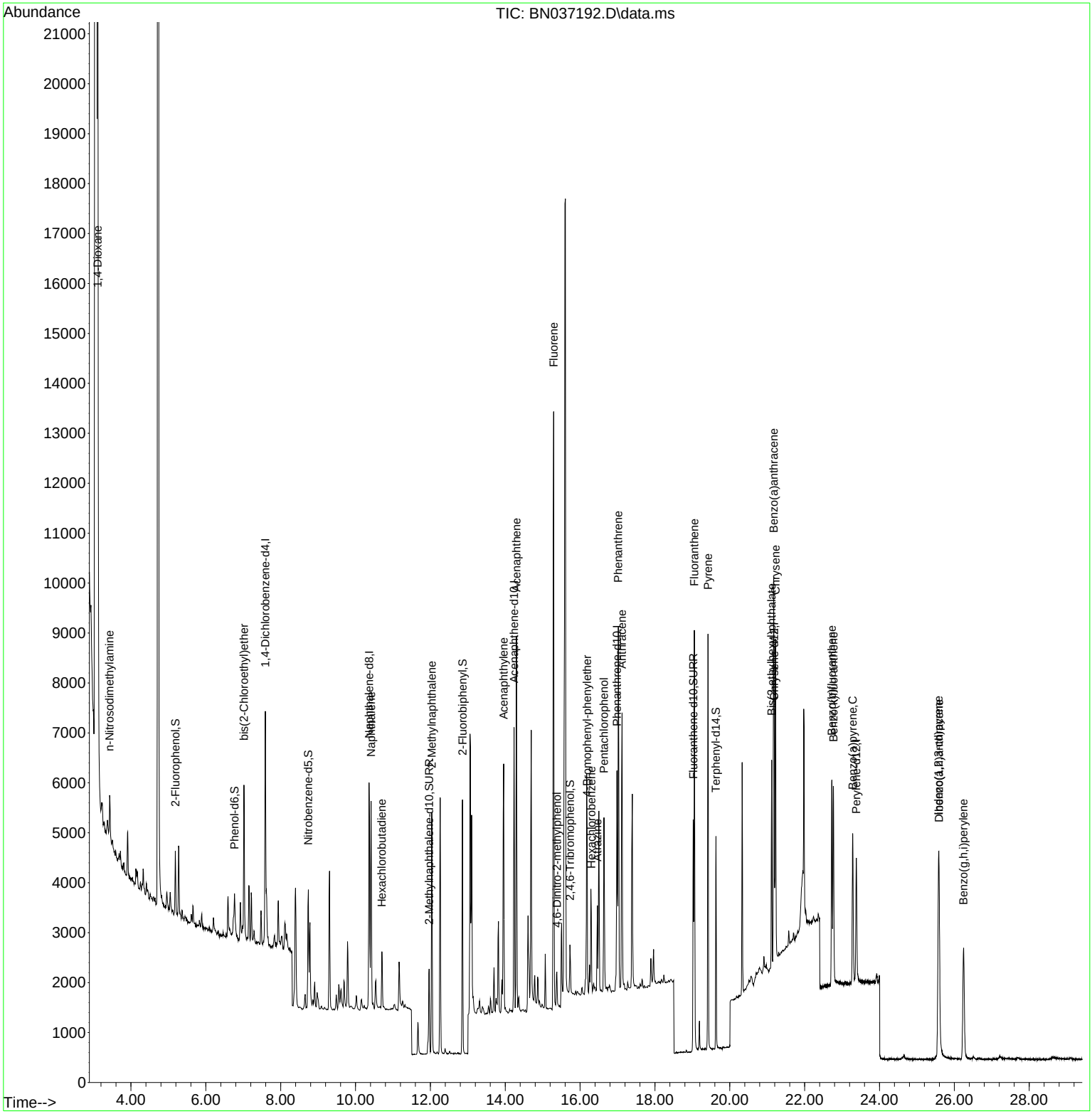
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060925\
Data File : BN037192.D
Acq On : 09 Jun 2025 14:33
Operator : RC/JU
Sample : Q2250-02MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 09 15:40:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 04 01:52:03 2025
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
MW-11A-13.5-060525MS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060925\
Data File : BN037193.D
Acq On : 09 Jun 2025 15:47
Operator : RC/JU
Sample : Q2250-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 09 16:53:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 04 01:52:03 2025
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
MW-11A-13.5-060525MSD

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.590	152	2169	0.400	ng	0.00
7) Naphthalene-d8	10.362	136	5646	0.400	ng	#-0.01
13) Acenaphthene-d10	14.235	164	2926	0.400	ng	0.00
19) Phenanthrene-d10	16.984	188	5139	0.400	ng	0.00
29) Chrysene-d12	21.180	240	3419	0.400	ng	# 0.00
35) Perylene-d12	23.374	264	3336	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.185	112	842	0.157	ng	0.00
5) Phenol-d6	6.773	99	692	0.106	ng	0.00
8) Nitrobenzene-d5	8.739	82	1894	0.318	ng	0.00
11) 2-Methylnaphthalene-d10	11.966	152	2373m	0.302	ng	0.00
14) 2,4,6-Tribromophenol	15.730	330	451	0.383	ng	-0.01
15) 2-Fluorobiphenyl	12.858	172	4311	0.346	ng	0.00
27) Fluoranthene-d10	19.022	212	4775	0.366	ng	0.00
31) Terphenyl-d14	19.630	244	3637	0.452	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.112	88	9354	3.235	ng	95
3) n-Nitrosodimethylamine	3.430	42	740	0.127	ng	# 83
6) bis(2-Chloroethyl)ether	7.019	93	2082	0.336	ng	97
9) Naphthalene	10.415	128	5110	0.314	ng	98
10) Hexachlorobutadiene	10.703	225	906	0.255	ng	# 98
12) 2-Methylnaphthalene	12.037	142	3210	0.307	ng	98
16) Acenaphthylene	13.957	152	5333	0.372	ng	100
17) Acenaphthene	14.299	154	3131	0.336	ng	99
18) Fluorene	15.293	166	4472	0.365	ng	98
20) 4,6-Dinitro-2-methylph...	15.379	198	471	0.587	ng	# 63
21) 4-Bromophenyl-phenylether	16.190	248	1330	0.395	ng	# 79
22) Hexachlorobenzene	16.301	284	1342	0.369	ng	98
23) Atrazine	16.463	200	1184	0.426	ng	# 93
24) Pentachlorophenol	16.636	266	1464	0.888	ng	98
25) Phenanthrene	17.021	178	6930	0.416	ng	99
26) Anthracene	17.120	178	5874	0.387	ng	98
28) Fluoranthene	19.054	202	6813	0.370	ng	# 97
30) Pyrene	19.417	202	6824	0.409	ng	100
32) Benzo(a)anthracene	21.171	228	5337	0.431	ng	100
33) Chrysene	21.216	228	5681	0.412	ng	98
34) Bis(2-ethylhexyl)phtha...	21.108	149	3448	0.442	ng	100
36) Indeno(1,2,3-cd)pyrene	25.573	276	5422	0.409	ng	99
37) Benzo(b)fluoranthene	22.720	252	5075m	0.377	ng	
38) Benzo(k)fluoranthene	22.761	252	5262	0.383	ng	95
39) Benzo(a)pyrene	23.281	252	4286	0.380	ng	# 88
40) Dibenzo(a,h)anthracene	25.585	278	4235	0.414	ng	99
41) Benzo(g,h,i)perylene	26.240	276	4499	0.383	ng	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

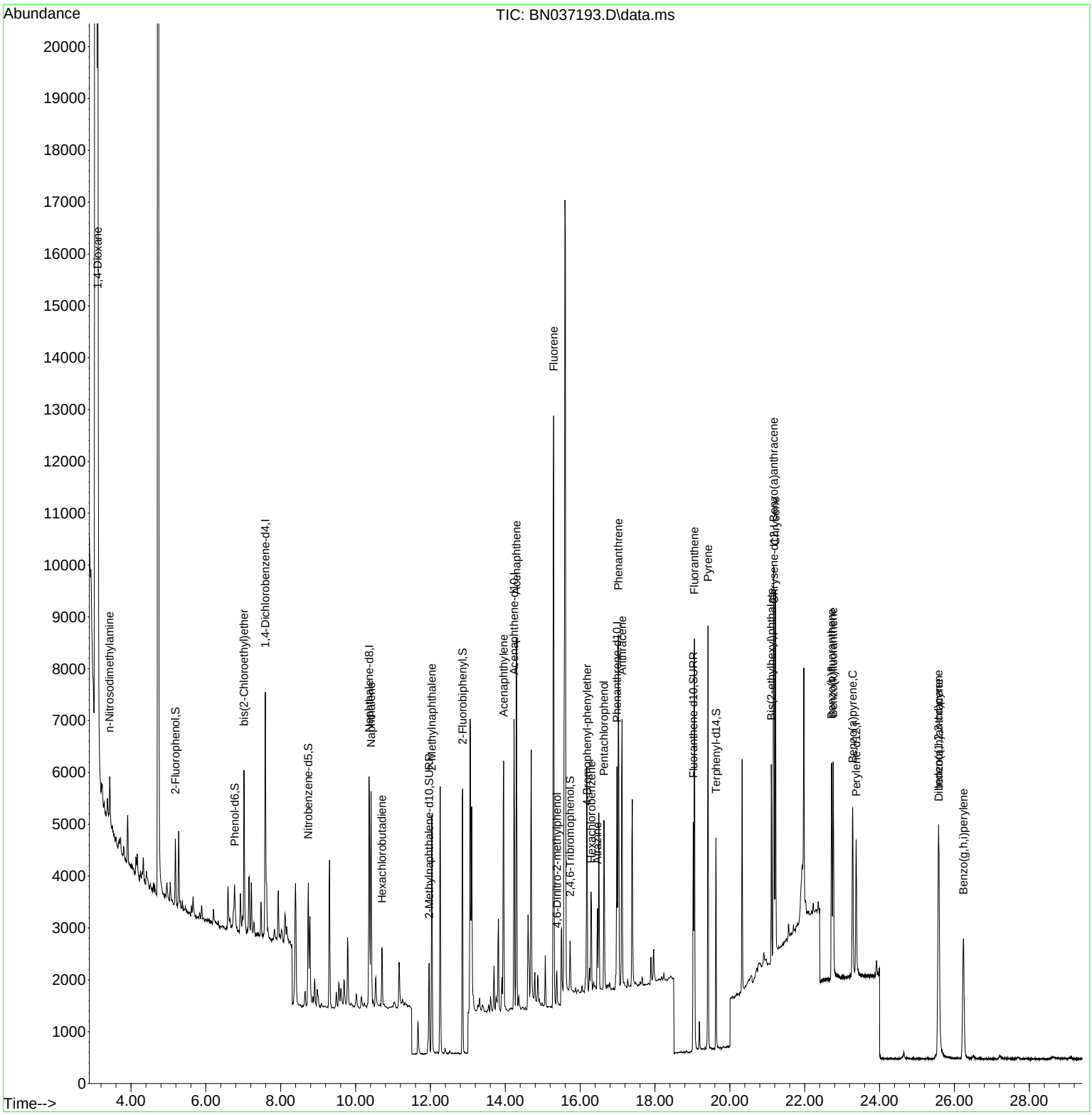
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060925\
Data File : BN037193.D
Acq On : 09 Jun 2025 15:47
Operator : RC/JU
Sample : Q2250-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 09 16:53:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN060325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 04 01:52:03 2025
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
MW-11A-13.5-060525MSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	BN060325	Instrument	BNA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Manual Integration Report

Sequence:	BN060925	Instrument	BNA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q2250-02MS	BN037192.D	2-Methylnaphthalene-d10	Rahul	6/10/2025 11:44:39 AM	Jagrut	6/10/2025 1:37:49 PM	Peak Integrated by Software
Q2250-02MS	BN037192.D	Benzo(b)fluoranthene	Rahul	6/10/2025 11:44:39 AM	Jagrut	6/10/2025 1:37:49 PM	Peak Integrated by Software
Q2250-03MSD	BN037193.D	2-Methylnaphthalene-d10	Rahul	6/10/2025 11:44:42 AM	Jagrut	6/10/2025 1:37:52 PM	Peak Integrated by Software
Q2250-03MSD	BN037193.D	Benzo(b)fluoranthene	Rahul	6/10/2025 11:44:42 AM	Jagrut	6/10/2025 1:37:52 PM	Peak Integrated by Software

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QCBatch ID # BN060325

Review By	Rahul	Review On	6/4/2025 11:44:25 AM		
Supervise By	Jagrut	Supervise On	6/5/2025 10:56:16 AM		
SubDirectory	BN060325	HP Acquire Method	BNA_N, 8270_SIM	HP Processing Method	bn060325

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6781,SP6780,SP6779,SP6778,SP6777,SP6776,SP6775
CCC	SP6779
Internal Standard/PEM	SP6740,1ul/100ul sample
ICV/I.BLK	SP6768
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BN037142.D	03 Jun 2025 10:21	RC/JU	Ok
2	SSTDICC0.1	BN037143.D	03 Jun 2025 11:39	RC/JU	Ok
3	SSTDICC0.2	BN037144.D	03 Jun 2025 12:15	RC/JU	Ok
4	SSTDICCC0.4	BN037145.D	03 Jun 2025 12:51	RC/JU	Ok
5	SSTDICC0.8	BN037146.D	03 Jun 2025 13:26	RC/JU	Ok
6	SSTDICC1.6	BN037147.D	03 Jun 2025 14:02	RC/JU	Ok
7	SSTDICC3.2	BN037148.D	03 Jun 2025 14:38	RC/JU	Ok
8	SSTDICC5.0	BN037149.D	03 Jun 2025 15:14	RC/JU	Ok
9	SSTDICV0.4	BN037150.D	03 Jun 2025 15:53	RC/JU	Ok
10	PB168238BL	BN037151.D	03 Jun 2025 17:05	RC/JU	Not Ok
11	Q2181-01	BN037152.D	03 Jun 2025 17:41	RC/JU	Dilution
12	Q2181-01DL	BN037153.D	03 Jun 2025 18:18	RC/JU	Ok
13	SSTDCCC0.4	BN037154.D	03 Jun 2025 18:54	RC/JU	Ok
14	DFTPP	BN037155.D	03 Jun 2025 20:10	RC/JU	Ok
15	SSTDCCC0.4	BN037156.D	03 Jun 2025 20:49	RC/JU	Ok
16	PB168238BL	BN037157.D	03 Jun 2025 21:25	RC/JU	Not Ok
17	Q2162-03	BN037158.D	03 Jun 2025 22:01	RC/JU	Ok
18	Q2162-07	BN037159.D	03 Jun 2025 22:37	RC/JU	Ok
19	Q2162-09	BN037160.D	03 Jun 2025 23:13	RC/JU	Ok
20	Q2162-10	BN037161.D	03 Jun 2025 23:49	RC/JU	Ok
21	PB168238BS	BN037162.D	04 Jun 2025 00:25	RC/JU	Not Ok

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QCBatch ID # BN060325

Review By	Rahul	Review On	6/4/2025 11:44:25 AM		
Supervise By	Jagrut	Supervise On	6/5/2025 10:56:16 AM		
SubDirectory	BN060325	HP Acquire Method	BNA_N, 8270_SIM	HP Processing Method	bn060325

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6781,SP6780,SP6779,SP6778,SP6777,SP6776,SP6775
CCC	SP6779
Internal Standard/PEM	SP6740,1ul/100ul sample
ICV/I.BLK	SP6768
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	PB168238BSD	BN037163.D	04 Jun 2025 01:01	RC/JU	Not Ok
23	SSTDCCC0.4	BN037164.D	04 Jun 2025 02:13	RC/JU	Ok

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QCBatch ID # BN060925

Review By	Rahul	Review On	6/10/2025 11:45:37 AM		
Supervise By	Jagrut	Supervise On	6/10/2025 1:38:10 PM		
SubDirectory	BN060925	HP Acquire Method	BNA_N, 8270_SIM	HP Processing Method	bn060325

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6781,SP6780,SP6779,SP6778,SP6777,SP6776,SP6775
CCC	SP6779
Internal Standard/PEM	SP6740,1ul/100ul sample
ICV/I.BLK	SP6768
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BN037188.D	09 Jun 2025 10:15	RC/JU	Ok
2	SSTDCCC0.4	BN037189.D	09 Jun 2025 10:54	RC/JU	Ok
3	PB168336BL	BN037190.D	09 Jun 2025 11:30	RC/JU	Ok
4	Q2250-01	BN037191.D	09 Jun 2025 12:06	RC/JU	Ok
5	Q2250-02MS	BN037192.D	09 Jun 2025 14:33	RC/JU	Ok,M
6	Q2250-03MSD	BN037193.D	09 Jun 2025 15:47	RC/JU	Ok,M
7	Q2251-03	BN037194.D	09 Jun 2025 16:26	RC/JU	Ok
8	Q2251-05	BN037195.D	09 Jun 2025 17:02	RC/JU	Ok
9	Q2251-06	BN037196.D	09 Jun 2025 17:39	RC/JU	Ok
10	Q2253-01	BN037197.D	09 Jun 2025 18:15	RC/JU	Ok
11	Q2253-02	BN037198.D	09 Jun 2025 18:51	RC/JU	Ok
12	Q2250-05	BN037199.D	09 Jun 2025 19:27	RC/JU	Ok
13	Q2254-01	BN037200.D	09 Jun 2025 20:04	RC/JU	Ok
14	PB168336BS	BN037201.D	09 Jun 2025 20:40	RC/JU	Ok
15	SSTDCCC0.4	BN037202.D	09 Jun 2025 21:16	RC/JU	Ok
16	DFTPP	BN037203.D	09 Jun 2025 22:32	RC/JU	Ok
17	SSTDCCC0.4	BN037204.D	09 Jun 2025 23:11	RC/JU	Ok
18	PB168336BL	BN037205.D	09 Jun 2025 23:48	RC/JU	Not Ok
19	Q2234-01	BN037206.D	10 Jun 2025 00:24	RC/JU	Ok
20	Q2234-05	BN037207.D	10 Jun 2025 01:00	RC/JU	Ok
21	Q2234-06	BN037208.D	10 Jun 2025 01:36	RC/JU	Ok

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QCBatch ID # BN060925

Review By	Rahul	Review On	6/10/2025 11:45:37 AM				
Supervise By	Jagrut	Supervise On	6/10/2025 1:38:10 PM				
SubDirectory	BN060925	HP Acquire Method	BNA_N, 8270_SIM	HP Processing Method	bn060325		

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6781,SP6780,SP6779,SP6778,SP6777,SP6776,SP6775
CCC	SP6779
Internal Standard/PEM	SP6740,1ul/100ul sample
ICV/I.BLK	SP6768
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2234-07	BN037209.D	10 Jun 2025 02:12	RC/JU	Dilution
23	Q2250-04	BN037210.D	10 Jun 2025 02:49	RC/JU	Ok
24	Q2209-01	BN037211.D	10 Jun 2025 03:25	RC/JU	Ok
25	Q2210-01	BN037212.D	10 Jun 2025 04:01	RC/JU	Ok
26	Q2234-07DL	BN037213.D	10 Jun 2025 09:49	RC/JU	Ok
27	SSTDCCC0.4	BN037214.D	10 Jun 2025 10:25	RC/JU	Ok

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QCBatch ID # BN060325

Review By	Rahul	Review On	6/4/2025 11:44:25 AM	
Supervise By	Jagrut	Supervise On	6/5/2025 10:56:16 AM	
SubDirectory	BN060325	HP Acquire Method	BNA_N, 8270_HP Processing Method	bn060325

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6781,SP6780,SP6779,SP6778,SP6777,SP6776,SP6775
CCC	SP6779
Internal Standard/PEM	SP6740,1ul/100ul sample
ICV/I.BLK	SP6768
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BN037142.D	03 Jun 2025 10:21		RC/JU	Ok
2	SSTDICC0.1	SSTDICC0.1	BN037143.D	03 Jun 2025 11:39	Compound #20,24 removed from 0.1 PPM	RC/JU	Ok
3	SSTDICC0.2	SSTDICC0.2	BN037144.D	03 Jun 2025 12:15		RC/JU	Ok
4	SSTDICCC0.4	SSTDICCC0.4	BN037145.D	03 Jun 2025 12:51	Compound #20,24 kept on LR.	RC/JU	Ok
5	SSTDICC0.8	SSTDICC0.8	BN037146.D	03 Jun 2025 13:26		RC/JU	Ok
6	SSTDICC1.6	SSTDICC1.6	BN037147.D	03 Jun 2025 14:02		RC/JU	Ok
7	SSTDICC3.2	SSTDICC3.2	BN037148.D	03 Jun 2025 14:38	Method is good for DOD and NONDOD.	RC/JU	Ok
8	SSTDICC5.0	SSTDICC5.0	BN037149.D	03 Jun 2025 15:14		RC/JU	Ok
9	SSTDICV0.4	ICVBN060325	BN037150.D	03 Jun 2025 15:53		RC/JU	Ok
10	PB168238BL	PB168238BL	BN037151.D	03 Jun 2025 17:05	Not Used	RC/JU	Not Ok
11	Q2181-01	38072-062624	BN037152.D	03 Jun 2025 17:41	Need 50X Dilution	RC/JU	Dilution
12	Q2181-01DL	38072-062624DL	BN037153.D	03 Jun 2025 18:18		RC/JU	Ok
13	SSTDCCC0.4	SSTDCCC0.4EC	BN037154.D	03 Jun 2025 18:54		RC/JU	Ok
14	DFTPP	DFTPP	BN037155.D	03 Jun 2025 20:10		RC/JU	Ok
15	SSTDCCC0.4	SSTDCCC0.4	BN037156.D	03 Jun 2025 20:49		RC/JU	Ok
16	PB168238BL	PB168238BL	BN037157.D	03 Jun 2025 21:25	Not Used	RC/JU	Not Ok
17	Q2162-03	BP-VPB-182-GW-580-5	BN037158.D	03 Jun 2025 22:01		RC/JU	Ok

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QCBatch ID # BN060325

Review By	Rahul	Review On	6/4/2025 11:44:25 AM	
Supervise By	Jagrut	Supervise On	6/5/2025 10:56:16 AM	
SubDirectory	BN060325	HP Acquire Method	BNA_N, 8270_HP Processing Method	bn060325

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6781,SP6780,SP6779,SP6778,SP6777,SP6776,SP6775
CCC	SP6779
Internal Standard/PEM	SP6740,1ul/100ul sample
ICV/I.BLK	SP6768
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	Q2162-07	BP-VPB-182-GW-620-6	BN037159.D	03 Jun 2025 22:37		RC/JU	Ok
19	Q2162-09	BP-VPB-182-DUP-2025	BN037160.D	03 Jun 2025 23:13		RC/JU	Ok
20	Q2162-10	BP-VPB-182-EB-20250	BN037161.D	03 Jun 2025 23:49		RC/JU	Ok
21	PB168238BS	PB168238BS	BN037162.D	04 Jun 2025 00:25	Recovery Fail for 1,4 Dioxane from low side	RC/JU	Not Ok
22	PB168238BSD	PB168238BSD	BN037163.D	04 Jun 2025 01:01	Recovery Fail for 1,4 Dioxane from low side	RC/JU	Not Ok
23	SSTDCCC0.4	SSTDCCC0.4EC	BN037164.D	04 Jun 2025 02:13		RC/JU	Ok

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QCBatch ID # BN060925

Review By	Rahul	Review On	6/10/2025 11:45:37 AM	
Supervise By	Jagrut	Supervise On	6/10/2025 1:38:10 PM	
SubDirectory	BN060925	HP Acquire Method	BNA_N, 8270_HP Processing Method	bn060325

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6781,SP6780,SP6779,SP6778,SP6777,SP6776,SP6775
CCC	SP6779
Internal Standard/PEM	SP6740,1ul/100ul sample
ICV/I.BLK	SP6768
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BN037188.D	09 Jun 2025 10:15		RC/JU	Ok
2	SSTDCCC0.4	SSTDCCC0.4	BN037189.D	09 Jun 2025 10:54		RC/JU	Ok
3	PB168336BL	PB168336BL	BN037190.D	09 Jun 2025 11:30		RC/JU	Ok
4	Q2250-01	MW-11A-13.5-060525	BN037191.D	09 Jun 2025 12:06		RC/JU	Ok
5	Q2250-02MS	MW-11A-13.5-060525M	BN037192.D	09 Jun 2025 14:33		RC/JU	Ok,M
6	Q2250-03MSD	MW-11A-13.5-060525M	BN037193.D	09 Jun 2025 15:47		RC/JU	Ok,M
7	Q2251-03	BP-VPB-182-GW-760-7	BN037194.D	09 Jun 2025 16:26		RC/JU	Ok
8	Q2251-05	BP-VPB-182-EB-20250	BN037195.D	09 Jun 2025 17:02		RC/JU	Ok
9	Q2251-06	VPB182-HYD-2025060	BN037196.D	09 Jun 2025 17:39		RC/JU	Ok
10	Q2253-01	RW8-SP100-20250605	BN037197.D	09 Jun 2025 18:15		RC/JU	Ok
11	Q2253-02	RW8-SP303-20250605	BN037198.D	09 Jun 2025 18:51		RC/JU	Ok
12	Q2250-05	EB02-060525	BN037199.D	09 Jun 2025 19:27		RC/JU	Ok
13	Q2254-01	BP-VPB-182-GW-810-8	BN037200.D	09 Jun 2025 20:04		RC/JU	Ok
14	PB168336BS	PB168336BS	BN037201.D	09 Jun 2025 20:40		RC/JU	Ok
15	SSTDCCC0.4	SSTDCCC0.4EC	BN037202.D	09 Jun 2025 21:16		RC/JU	Ok
16	DFTPP	DFTPP	BN037203.D	09 Jun 2025 22:32		RC/JU	Ok
17	SSTDCCC0.4	SSTDCCC0.4	BN037204.D	09 Jun 2025 23:11		RC/JU	Ok

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QCBatch ID # BN060925

Review By	Rahul	Review On	6/10/2025 11:45:37 AM	
Supervise By	Jagrut	Supervise On	6/10/2025 1:38:10 PM	
SubDirectory	BN060925	HP Acquire Method	BNA_N, 8270_HP Processing Method	bn060325

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6781,SP6780,SP6779,SP6778,SP6777,SP6776,SP6775
CCC	SP6779
Internal Standard/PEM	SP6740,1ul/100ul sample
ICV/I.BLK	SP6768
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	PB168336BL	PB168336BL	BN037205.D	09 Jun 2025 23:48	analyzed to check contamination.	RC/JU	Not Ok
19	Q2234-01	MW-17B-55-060425	BN037206.D	10 Jun 2025 00:24		RC/JU	Ok
20	Q2234-05	MW-18B-56-060425	BN037207.D	10 Jun 2025 01:00		RC/JU	Ok
21	Q2234-06	MW-18B-56-060425-FD	BN037208.D	10 Jun 2025 01:36		RC/JU	Ok
22	Q2234-07	MW-19B-72-060425	BN037209.D	10 Jun 2025 02:12	Need 2X dilutiion	RC/JU	Dilution
23	Q2250-04	MW-06-6.5-060525	BN037210.D	10 Jun 2025 02:49		RC/JU	Ok
24	Q2209-01	P01W	BN037211.D	10 Jun 2025 03:25		RC/JU	Ok
25	Q2210-01	TW1	BN037212.D	10 Jun 2025 04:01		RC/JU	Ok
26	Q2234-07DL	MW-19B-72-060425DL	BN037213.D	10 Jun 2025 09:49		RC/JU	Ok
27	SSTDCCC0.4	SSTDCCC0.4EC	BN037214.D	10 Jun 2025 10:25		RC/JU	Ok

M : Manual Integration

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB168336

SOP ID:	M3510C,3580A-Extraction SVOC-20				
Clean Up SOP #:	N/A			**Extraction Start Date :**	06/06/2025
Matrix :	Water			**Extraction Start Time :**	11:54
Weigh By:	N/A	**Extraction By:**	RS	**Extraction End Date :**	06/06/2025
Balance check:	N/A	**Filter By:**	RJ	**Extraction End Time :**	17:10
Balance ID:	N/A	**pH Meter ID:**	N/A	**Concentration By:**	EH
pH Strip Lot#:	E3880	**Hood ID:**	4,5,6,7	**Supervisor By :**	RUPESH

Extraction Method: ☑ Seperatory Funnel ☐ Continious Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☐ Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	0.4 PPM	SP6756
Surrogate	1.0ML	0.4 PPM	SP6758
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Methylene Chloride	N/A	E3939
Baked Na2SO4	N/A	EP2620
10N NaoH	N/A	EP2609
H2SO4 1:1	N/A	EP2610
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

1.5 ML Vial lot# 2210443. pH Adjusted<2 with 1:1 H2SO4 &>11 with 10 N NaOH.

KD Bath ID:	WATER BATH-1,2	**Envap ID:**	NEVAP-02
KD Bath Temperature:	60 °C	**Envap Temperature:**	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
6/6/25	RS (EXT-Lab)	JY/ SVOC
17:15	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB168336

Analytical Method: M3510C,3580A-Extraction SVOC-20 **Concentration Date:** 06/06/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB168336BL	SBLK336	SVOC-SIMGroup1	1000	6	RUPESH	ritesh	1			SEP-1
PB168336BS	SLCS336	SVOC-SIMGroup1	1000	6	RUPESH	ritesh	1			2
Q2209-01	P01W	SVOC-SIMGroup1	990	6	RUPESH	ritesh	1	C		3
Q2210-01	TW1	SVOCMS Group2	1000	6	RUPESH	ritesh	1	E		4
Q2234-01	MW-17B-55-060425	SVOC-SIMGroup1	980	6	RUPESH	ritesh	1	H		5
Q2234-05	MW-18B-56-060425	SVOC-SIMGroup1	970	11	RUPESH	ritesh	1	E		6
Q2234-06	MW-18B-56-060425-FD	SVOC-SIMGroup1	1000	11	RUPESH	ritesh	1	E		7
Q2234-07	MW-19B-72-060425	SVOC-SIMGroup1	980	6	RUPESH	ritesh	1	E		8
Q2250-01	MW-11A-13.5-060525	SVOC-SIMGroup1	930	6	RUPESH	ritesh	1	E		9
Q2250-02	Q2250-01MS	SVOC-SIMGroup1	960	6	RUPESH	ritesh	1	E		10
Q2250-03	Q2250-01MSD	SVOC-SIMGroup1	990	6	RUPESH	ritesh	1	E		11
Q2250-04	MW-06-6.5-060525	SVOC-SIMGroup1	970	6	RUPESH	ritesh	1	A		12
Q2250-05	EB02-060525	SVOC-SIMGroup1	990	6	RUPESH	ritesh	1	J		13
Q2251-03	BP-VPB-182-GW-760-762	SVOC-SIMGroup1	850	6	RUPESH	ritesh	1	C		14
Q2251-05	BP-VPB-182-EB-20250604	SVOC-SIMGroup1	870	6	RUPESH	ritesh	1	C		15
Q2251-06	VPB182-HYD-20250605	SVOC-SIMGroup1	890	6	RUPESH	ritesh	1	C		16
Q2253-01	RW8-SP100-20250605	SVOC-SIMGroup1	1000	6	RUPESH	ritesh	1	B		SEP-1
Q2253-02	~~RW8-SP303-20250605~~ RW8-SP303-20250605	SVOC-SIMGroup1	1000	6	RUPESH	ritesh	1	D		2
Q2254-01	BP-VPB-182-GW-810-812	SVOC-SIMGroup1	890	6	RUPESH	ritesh	1			3

RS 6/6

* **Extracts relinquished on the same date as received.**

Q2210 6/8 2336 11:54

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2250 **WorkList ID :** 190013 **Department :** Extraction **Date :** 06-06-2025 11:47:44

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2209-01	P01W	Water	SVOC-SIMGroup1	Cool 4 deg C	GENV01	N31	06/04/2025	8270-Modified
Q2210-01	TW1	Water	SVOCMS Group2	Cool 4 deg C	GENV01	L31	06/03/2025	8270-Modified
Q2234-01	MW-17B-55-060425	Water	SVOC-SIMGroup1	Cool 4 deg C	JACO05	N31	06/04/2025	8270-Modified
Q2234-05	MW-18B-56-060425	Water	SVOC-SIMGroup1	Cool 4 deg C	JACO05	N31	06/04/2025	8270-Modified
Q2234-06	MW-18B-56-060425-FD	Water	SVOC-SIMGroup1	Cool 4 deg C	JACO05	N31	06/04/2025	8270-Modified
Q2234-07	MW-19B-72-060425	Water	SVOC-SIMGroup1	Cool 4 deg C	JACO05	N31	06/04/2025	8270-Modified
Q2250-01	MW-11A-13.5-060525	Water	SVOC-SIMGroup1	Cool 4 deg C	JACO05	D22	06/05/2025	8270-Modified
Q2250-02	Q2250-01MS	Water	SVOC-SIMGroup1	Cool 4 deg C	JACO05	D22	06/05/2025	8270-Modified
Q2250-03	Q2250-01MSD	Water	SVOC-SIMGroup1	Cool 4 deg C	JACO05	D22	06/05/2025	8270-Modified
Q2250-04	MW-06-6.5-060525	Water	SVOC-SIMGroup1	Cool 4 deg C	JACO05	D22	06/05/2025	8270-Modified
Q2250-05	EB02-060525	Water	SVOC-SIMGroup1	Cool 4 deg C	JACO05	D22	06/05/2025	8270-Modified
Q2251-03	BP-VPB-182-GW-760-762	Water	SVOC-SIMGroup1	Cool 4 deg C	TETR06	L31	06/03/2025	8270-Modified
Q2251-05	BP-VPB-182-EB-20250604	Water	SVOC-SIMGroup1	Cool 4 deg C	TETR06	L31	06/04/2025	8270-Modified
Q2251-06	VPB182-HYD-20250605	Water	SVOC-SIMGroup1	Cool 4 deg C	TETR06	L31	06/05/2025	8270-Modified
Q2253-01	RW8-SP100-20250605	Water	SVOC-SIMGroup1	Cool 4 deg C	TETR06	D21	06/05/2025	8270-Modified
Q2253-02	~~RW8-SO303-20250605~~ RW8-SP303-20250605	Water	SVOC-SIMGroup1	Cool 4 deg C	TETR06	D21	06/05/2025	8270-Modified
Q2254-01	BP-VPB-182-GW-810-812	Water	SVOC-SIMGroup1	Cool 4 deg C	TETR06	D21	06/05/2025	8270-Modified

247 of 346

6/12

Date/Time 6/6/25 11:47
Raw Sample Received by: RS (EA-Lab)
Raw Sample Relinquished by: JD (CSM)

Date/Time 6/6/25 12:45
Raw Sample Received by: JD (CSM)
Raw Sample Relinquished by: RS (EA-Lab)

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

LAB CHRONICLE

OrderID:	Q2210	**OrderDate:**	6/4/2025 1:53:00 PM
Client:	G Environmental	**Project:**	Stockton
Contact:	Gary Landis	**Location:**	L31,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2210-01	**TW1**	**Water**			**06/03/25**			**06/04/25**
			SVOCMS Group1	8270E		06/06/25	06/09/25	
			SVOCMS Group2	8270-Modified		06/06/25	06/10/25	

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Hit Summary Sheet
SW-846

SDG No.: Q2210 **Order ID:** Q2210

Client: G Environmental **Project ID:** Stockton

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : TW1								
Q2210-01	TW1	Water	Aluminum	44800		5.67	50.0	ug/L
Q2210-01	TW1	Water	Antimony	4.85	J	3.38	25.0	ug/L
Q2210-01	TW1	Water	Arsenic	16.5		2.56	10.0	ug/L
Q2210-01	TW1	Water	Barium	558		7.28	50.0	ug/L
Q2210-01	TW1	Water	Beryllium	1.99	J	0.28	3.00	ug/L
Q2210-01	TW1	Water	Cadmium	2.38	J	0.25	3.00	ug/L
Q2210-01	TW1	Water	Calcium	245000		117	1000	ug/L
Q2210-01	TW1	Water	Chromium	57.9		1.06	5.00	ug/L
Q2210-01	TW1	Water	Cobalt	16.4		1.13	15.0	ug/L
Q2210-01	TW1	Water	Copper	40.1		2.30	10.0	ug/L
Q2210-01	TW1	Water	Iron	44100		11.7	50.0	ug/L
Q2210-01	TW1	Water	Lead	93.0		1.15	6.00	ug/L
Q2210-01	TW1	Water	Magnesium	84200		122	1000	ug/L
Q2210-01	TW1	Water	Manganese	2540		2.97	10.0	ug/L
Q2210-01	TW1	Water	Mercury	0.12	J	0.076	0.20	ug/L
Q2210-01	TW1	Water	Nickel	47.7		1.53	20.0	ug/L
Q2210-01	TW1	Water	Potassium	35800		459	1000	ug/L
Q2210-01	TW1	Water	Sodium	289000		434	1000	ug/L
Q2210-01	TW1	Water	Vanadium	83.1		3.13	20.0	ug/L
Q2210-01	TW1	Water	Zinc	256		8.33	20.0	ug/L

SAMPLE DATA

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	06/03/25
Project:	Stockton	Date Received:	06/04/25
Client Sample ID:	TW1	SDG No.:	Q2210
Lab Sample ID:	Q2210-01	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	44800		1	5.67	50.0	ug/L	06/05/25 13:35	06/10/25 16:23	6010D	SW3010
7440-36-0	Antimony	4.85	J	1	3.38	25.0	ug/L	06/05/25 13:35	06/10/25 16:23	6010D	SW3010
7440-38-2	Arsenic	16.5		1	2.56	10.0	ug/L	06/05/25 13:35	06/10/25 16:23	6010D	SW3010
7440-39-3	Barium	558		1	7.28	50.0	ug/L	06/05/25 13:35	06/10/25 16:23	6010D	SW3010
7440-41-7	Beryllium	1.99	J	1	0.28	3.00	ug/L	06/05/25 13:35	06/10/25 16:23	6010D	SW3010
7440-43-9	Cadmium	2.38	J	1	0.25	3.00	ug/L	06/05/25 13:35	06/10/25 16:23	6010D	SW3010
7440-70-2	Calcium	245000		1	117	1000	ug/L	06/05/25 13:35	06/10/25 16:23	6010D	SW3010
7440-47-3	Chromium	57.9		1	1.06	5.00	ug/L	06/05/25 13:35	06/10/25 16:23	6010D	SW3010
7440-48-4	Cobalt	16.4		1	1.13	15.0	ug/L	06/05/25 13:35	06/10/25 16:23	6010D	SW3010
7440-50-8	Copper	40.1		1	2.30	10.0	ug/L	06/05/25 13:35	06/10/25 16:23	6010D	SW3010
7439-89-6	Iron	44100		1	11.7	50.0	ug/L	06/05/25 13:35	06/10/25 16:23	6010D	SW3010
7439-92-1	Lead	93.0		1	1.15	6.00	ug/L	06/05/25 13:35	06/10/25 16:23	6010D	SW3010
7439-95-4	Magnesium	84200		1	122	1000	ug/L	06/05/25 13:35	06/10/25 16:23	6010D	SW3010
7439-96-5	Manganese	2540	*	1	2.97	10.0	ug/L	06/05/25 13:35	06/10/25 16:23	6010D	SW3010
7439-97-6	Mercury	0.12	J	1	0.076	0.20	ug/L	06/05/25 14:05	06/06/25 11:28	7470A	
7440-02-0	Nickel	47.7		1	1.53	20.0	ug/L	06/05/25 13:35	06/10/25 16:23	6010D	SW3010
7440-09-7	Potassium	35800	N	1	459	1000	ug/L	06/05/25 13:35	06/10/25 16:23	6010D	SW3010
7782-49-2	Selenium	4.82	U	1	4.82	10.0	ug/L	06/05/25 13:35	06/10/25 16:23	6010D	SW3010
7440-22-4	Silver	0.81	U	1	0.81	5.00	ug/L	06/05/25 13:35	06/10/25 16:23	6010D	SW3010
7440-23-5	Sodium	289000		1	434	1000	ug/L	06/05/25 13:35	06/10/25 16:23	6010D	SW3010
7440-28-0	Thallium	2.19	U	1	2.19	20.0	ug/L	06/05/25 13:35	06/10/25 16:23	6010D	SW3010
7440-62-2	Vanadium	83.1		1	3.13	20.0	ug/L	06/05/25 13:35	06/10/25 16:23	6010D	SW3010
7440-66-6	Zinc	256		1	8.33	20.0	ug/L	06/05/25 13:35	06/10/25 16:23	6010D	SW3010

Color Before:	Brown	Clarity Before:	Clear	Texture:	
Color After:	light Brown	Clarity After:	Clear	Artifacts:	
Comments:	METALS-TAL				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
Q = indicates LCS control criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
* = indicates the duplicate analysis is not within control limits.
E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q2210

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2210 **SAS No.:** Q2210

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB29	Mercury	0.076	+/-0.2	U	0.20	CV	06/06/2025	10:05	LB136036

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q2210

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2210 **SAS No.:** Q2210

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB08	Mercury	0.076	+/-0.2	U	0.20	CV	06/06/2025	10:10	LB136036
CCB09	Mercury	0.076	+/-0.2	U	0.20	CV	06/06/2025	10:40	LB136036
CCB10	Mercury	0.076	+/-0.2	U	0.20	CV	06/06/2025	11:07	LB136036
CCB11	Mercury	0.076	+/-0.2	U	0.20	CV	06/06/2025	11:43	LB136036
CCB12	Mercury	0.076	+/-0.2	U	0.20	CV	06/06/2025	12:08	LB136036
CCB13	Mercury	0.076	+/-0.2	U	0.20	CV	06/06/2025	12:35	LB136036

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q2210

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2210 **SAS No.:** Q2210

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Aluminum	11.3	+/-50	U	100	P	06/06/2025	13:33	LB136052
	Antimony	6.76	+/-25	U	50.0	P	06/06/2025	13:33	LB136052
	Arsenic	5.12	+/-10	U	20.0	P	06/06/2025	13:33	LB136052
	Barium	14.6	+/-50	U	100	P	06/06/2025	13:33	LB136052
	Beryllium	0.56	+/-3	U	6.00	P	06/06/2025	13:33	LB136052
	Cadmium	0.50	+/-3	U	6.00	P	06/06/2025	13:33	LB136052
	Calcium	234	+/-1000	U	2000	P	06/06/2025	13:33	LB136052
	Chromium	2.12	+/-5	U	10.0	P	06/06/2025	13:33	LB136052
	Cobalt	2.26	+/-15	U	30.0	P	06/06/2025	13:33	LB136052
	Copper	4.60	+/-10	U	20.0	P	06/06/2025	13:33	LB136052
	Iron	23.4	+/-50	U	100	P	06/06/2025	13:33	LB136052
	Lead	2.30	+/-6	U	12.0	P	06/06/2025	13:33	LB136052
	Magnesium	244	+/-1000	U	2000	P	06/06/2025	13:33	LB136052
	Manganese	5.94	+/-10	U	20.0	P	06/06/2025	13:33	LB136052
	Nickel	3.06	+/-20	U	40.0	P	06/06/2025	13:33	LB136052
	Potassium	918	+/-1000	U	2000	P	06/06/2025	13:33	LB136052
	Selenium	9.64	+/-10	U	20.0	P	06/06/2025	13:33	LB136052
	Silver	1.62	+/-5	U	10.0	P	06/06/2025	13:33	LB136052
	Sodium	868	+/-1000	U	2000	P	06/06/2025	13:33	LB136052
	Thallium	4.38	+/-20	U	40.0	P	06/06/2025	13:33	LB136052
	Vanadium	6.26	+/-20	U	40.0	P	06/06/2025	13:33	LB136052
	Zinc	16.7	+/-20	U	40.0	P	06/06/2025	13:33	LB136052

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q2210

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2210 **SAS No.:** Q2210

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Aluminum	11.3	+/-50	U	100	P	06/06/2025	14:09	LB136052
	Antimony	6.76	+/-25	U	50.0	P	06/06/2025	14:09	LB136052
	Arsenic	5.12	+/-10	U	20.0	P	06/06/2025	14:09	LB136052
	Barium	14.6	+/-50	U	100	P	06/06/2025	14:09	LB136052
	Beryllium	0.56	+/-3	U	6.00	P	06/06/2025	14:09	LB136052
	Cadmium	0.50	+/-3	U	6.00	P	06/06/2025	14:09	LB136052
	Calcium	234	+/-1000	U	2000	P	06/06/2025	14:09	LB136052
	Chromium	2.12	+/-5	U	10.0	P	06/06/2025	14:09	LB136052
	Cobalt	2.26	+/-15	U	30.0	P	06/06/2025	14:09	LB136052
	Copper	4.60	+/-10	U	20.0	P	06/06/2025	14:09	LB136052
	Iron	23.4	+/-50	U	100	P	06/06/2025	14:09	LB136052
	Lead	2.30	+/-6	U	12.0	P	06/06/2025	14:09	LB136052
	Magnesium	244	+/-1000	U	2000	P	06/06/2025	14:09	LB136052
	Manganese	5.94	+/-10	U	20.0	P	06/06/2025	14:09	LB136052
	Nickel	3.06	+/-20	U	40.0	P	06/06/2025	14:09	LB136052
	Potassium	918	+/-1000	U	2000	P	06/06/2025	14:09	LB136052
	Selenium	9.64	+/-10	U	20.0	P	06/06/2025	14:09	LB136052
	Silver	1.62	+/-5	U	10.0	P	06/06/2025	14:09	LB136052
	Sodium	868	+/-1000	U	2000	P	06/06/2025	14:09	LB136052
	Thallium	4.38	+/-20	U	40.0	P	06/06/2025	14:09	LB136052
	Vanadium	6.26	+/-20	U	40.0	P	06/06/2025	14:09	LB136052
	Zinc	16.7	+/-20	U	40.0	P	06/06/2025	14:09	LB136052
CCB02	Aluminum	11.3	+/-50	U	100	P	06/06/2025	15:00	LB136052
	Antimony	6.76	+/-25	U	50.0	P	06/06/2025	15:00	LB136052
	Arsenic	5.12	+/-10	U	20.0	P	06/06/2025	15:00	LB136052
	Barium	14.6	+/-50	U	100	P	06/06/2025	15:00	LB136052
	Beryllium	0.56	+/-3	U	6.00	P	06/06/2025	15:00	LB136052
	Cadmium	0.50	+/-3	U	6.00	P	06/06/2025	15:00	LB136052
	Calcium	234	+/-1000	U	2000	P	06/06/2025	15:00	LB136052
	Chromium	2.12	+/-5	U	10.0	P	06/06/2025	15:00	LB136052
	Cobalt	2.26	+/-15	U	30.0	P	06/06/2025	15:00	LB136052
	Copper	4.60	+/-10	U	20.0	P	06/06/2025	15:00	LB136052
	Iron	23.4	+/-50	U	100	P	06/06/2025	15:00	LB136052
	Lead	2.30	+/-6	U	12.0	P	06/06/2025	15:00	LB136052
	Magnesium	244	+/-1000	U	2000	P	06/06/2025	15:00	LB136052
	Manganese	5.94	+/-10	U	20.0	P	06/06/2025	15:00	LB136052
	Nickel	3.06	+/-20	U	40.0	P	06/06/2025	15:00	LB136052
	Potassium	918	+/-1000	U	2000	P	06/06/2025	15:00	LB136052
	Selenium	9.64	+/-10	U	20.0	P	06/06/2025	15:00	LB136052

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q2210

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2210 **SAS No.:** Q2210

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB02	Silver	1.62	+/-5	U	10.0	P	06/06/2025	15:00	LB136052
	Sodium	868	+/-1000	U	2000	P	06/06/2025	15:00	LB136052
	Thallium	4.38	+/-20	U	40.0	P	06/06/2025	15:00	LB136052
	Vanadium	6.26	+/-20	U	40.0	P	06/06/2025	15:00	LB136052
	Zinc	16.7	+/-20	U	40.0	P	06/06/2025	15:00	LB136052
CCB03	Aluminum	11.3	+/-50	U	100	P	06/06/2025	15:57	LB136052
	Antimony	6.76	+/-25	U	50.0	P	06/06/2025	15:57	LB136052
	Arsenic	5.12	+/-10	U	20.0	P	06/06/2025	15:57	LB136052
	Barium	14.6	+/-50	U	100	P	06/06/2025	15:57	LB136052
	Beryllium	0.56	+/-3	U	6.00	P	06/06/2025	15:57	LB136052
	Cadmium	0.50	+/-3	U	6.00	P	06/06/2025	15:57	LB136052
	Calcium	234	+/-1000	U	2000	P	06/06/2025	15:57	LB136052
	Chromium	2.12	+/-5	U	10.0	P	06/06/2025	15:57	LB136052
	Cobalt	2.26	+/-15	U	30.0	P	06/06/2025	15:57	LB136052
	Copper	4.60	+/-10	U	20.0	P	06/06/2025	15:57	LB136052
	Iron	23.4	+/-50	U	100	P	06/06/2025	15:57	LB136052
	Lead	2.30	+/-6	U	12.0	P	06/06/2025	15:57	LB136052
	Magnesium	244	+/-1000	U	2000	P	06/06/2025	15:57	LB136052
	Manganese	5.94	+/-10	U	20.0	P	06/06/2025	15:57	LB136052
	Nickel	3.06	+/-20	U	40.0	P	06/06/2025	15:57	LB136052
	Potassium	918	+/-1000	U	2000	P	06/06/2025	15:57	LB136052
	Selenium	9.64	+/-10	U	20.0	P	06/06/2025	15:57	LB136052
	Silver	1.62	+/-5	U	10.0	P	06/06/2025	15:57	LB136052
	Sodium	868	+/-1000	U	2000	P	06/06/2025	15:57	LB136052
	Thallium	4.38	+/-20	U	40.0	P	06/06/2025	15:57	LB136052
	Vanadium	6.26	+/-20	U	40.0	P	06/06/2025	15:57	LB136052
	Zinc	16.7	+/-20	U	40.0	P	06/06/2025	15:57	LB136052
CCB04	Aluminum	11.3	+/-50	U	100	P	06/06/2025	16:51	LB136052
	Antimony	6.76	+/-25	U	50.0	P	06/06/2025	16:51	LB136052
	Arsenic	5.12	+/-10	U	20.0	P	06/06/2025	16:51	LB136052
	Barium	14.6	+/-50	U	100	P	06/06/2025	16:51	LB136052
	Beryllium	0.56	+/-3	U	6.00	P	06/06/2025	16:51	LB136052
	Cadmium	0.50	+/-3	U	6.00	P	06/06/2025	16:51	LB136052
	Calcium	234	+/-1000	U	2000	P	06/06/2025	16:51	LB136052
	Chromium	2.12	+/-5	U	10.0	P	06/06/2025	16:51	LB136052
	Cobalt	2.26	+/-15	U	30.0	P	06/06/2025	16:51	LB136052
	Copper	4.60	+/-10	U	20.0	P	06/06/2025	16:51	LB136052
	Iron	23.4	+/-50	U	100	P	06/06/2025	16:51	LB136052
	Lead	2.30	+/-6	U	12.0	P	06/06/2025	16:51	LB136052

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q2210

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2210 **SAS No.:** Q2210

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB04	Magnesium	244	+/-1000	U	2000	P	06/06/2025	16:51	LB136052
	Manganese	5.94	+/-10	U	20.0	P	06/06/2025	16:51	LB136052
	Nickel	3.06	+/-20	U	40.0	P	06/06/2025	16:51	LB136052
	Potassium	918	+/-1000	U	2000	P	06/06/2025	16:51	LB136052
	Selenium	9.64	+/-10	U	20.0	P	06/06/2025	16:51	LB136052
	Silver	1.62	+/-5	U	10.0	P	06/06/2025	16:51	LB136052
	Sodium	868	+/-1000	U	2000	P	06/06/2025	16:51	LB136052
	Thallium	4.38	+/-20	U	40.0	P	06/06/2025	16:51	LB136052
	Vanadium	6.26	+/-20	U	40.0	P	06/06/2025	16:51	LB136052
	Zinc	16.7	+/-20	U	40.0	P	06/06/2025	16:51	LB136052
CCB05	Aluminum	11.3	+/-50	U	100	P	06/06/2025	17:46	LB136052
	Antimony	6.76	+/-25	U	50.0	P	06/06/2025	17:46	LB136052
	Arsenic	5.12	+/-10	U	20.0	P	06/06/2025	17:46	LB136052
	Barium	14.6	+/-50	U	100	P	06/06/2025	17:46	LB136052
	Beryllium	0.56	+/-3	U	6.00	P	06/06/2025	17:46	LB136052
	Cadmium	0.50	+/-3	U	6.00	P	06/06/2025	17:46	LB136052
	Calcium	234	+/-1000	U	2000	P	06/06/2025	17:46	LB136052
	Chromium	2.12	+/-5	U	10.0	P	06/06/2025	17:46	LB136052
	Cobalt	2.26	+/-15	U	30.0	P	06/06/2025	17:46	LB136052
	Copper	4.60	+/-10	U	20.0	P	06/06/2025	17:46	LB136052
	Iron	23.4	+/-50	U	100	P	06/06/2025	17:46	LB136052
	Lead	2.30	+/-6	U	12.0	P	06/06/2025	17:46	LB136052
	Magnesium	244	+/-1000	U	2000	P	06/06/2025	17:46	LB136052
	Manganese	5.94	+/-10	U	20.0	P	06/06/2025	17:46	LB136052
	Nickel	3.06	+/-20	U	40.0	P	06/06/2025	17:46	LB136052
	Potassium	918	+/-1000	U	2000	P	06/06/2025	17:46	LB136052
	Selenium	9.64	+/-10	U	20.0	P	06/06/2025	17:46	LB136052
	Silver	1.62	+/-5	U	10.0	P	06/06/2025	17:46	LB136052
	Sodium	868	+/-1000	U	2000	P	06/06/2025	17:46	LB136052
	Thallium	4.38	+/-20	U	40.0	P	06/06/2025	17:46	LB136052
	Vanadium	6.26	+/-20	U	40.0	P	06/06/2025	17:46	LB136052
	Zinc	16.7	+/-20	U	40.0	P	06/06/2025	17:46	LB136052
CCB06	Aluminum	11.3	+/-50	U	100	P	06/07/2025	03:07	LB136052
	Antimony	6.76	+/-25	U	50.0	P	06/07/2025	03:07	LB136052
	Arsenic	5.12	+/-10	U	20.0	P	06/07/2025	03:07	LB136052
	Barium	14.6	+/-50	U	100	P	06/07/2025	03:07	LB136052
	Beryllium	0.56	+/-3	U	6.00	P	06/07/2025	03:07	LB136052
	Cadmium	0.50	+/-3	U	6.00	P	06/07/2025	03:07	LB136052
	Calcium	234	+/-1000	U	2000	P	06/07/2025	03:07	LB136052

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q2210

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2210 **SAS No.:** Q2210

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB06	Chromium	2.12	+/-5	U	10.0	P	06/07/2025	03:07	LB136052
	Cobalt	2.26	+/-15	U	30.0	P	06/07/2025	03:07	LB136052
	Copper	4.60	+/-10	U	20.0	P	06/07/2025	03:07	LB136052
	Iron	23.4	+/-50	U	100	P	06/07/2025	03:07	LB136052
	Lead	2.30	+/-6	U	12.0	P	06/07/2025	03:07	LB136052
	Magnesium	244	+/-1000	U	2000	P	06/07/2025	03:07	LB136052
	Manganese	5.94	+/-10	U	20.0	P	06/07/2025	03:07	LB136052
	Nickel	3.06	+/-20	U	40.0	P	06/07/2025	03:07	LB136052
	Potassium	918	+/-1000	U	2000	P	06/07/2025	03:07	LB136052
	Selenium	9.64	+/-10	U	20.0	P	06/07/2025	03:07	LB136052
	Silver	1.62	+/-5	U	10.0	P	06/07/2025	03:07	LB136052
	Sodium	868	+/-1000	U	2000	P	06/07/2025	03:07	LB136052
	Thallium	5.29	+/-20	J	40.0	P	06/07/2025	03:07	LB136052
	Vanadium	6.26	+/-20	U	40.0	P	06/07/2025	03:07	LB136052
	Zinc	16.7	+/-20	U	40.0	P	06/07/2025	03:07	LB136052
CCB07	Aluminum	13.6	+/-50	J	100	P	06/07/2025	03:44	LB136052
	Antimony	6.76	+/-25	U	50.0	P	06/07/2025	03:44	LB136052
	Arsenic	5.12	+/-10	U	20.0	P	06/07/2025	03:44	LB136052
	Barium	14.6	+/-50	U	100	P	06/07/2025	03:44	LB136052
	Beryllium	0.56	+/-3	U	6.00	P	06/07/2025	03:44	LB136052
	Cadmium	0.50	+/-3	U	6.00	P	06/07/2025	03:44	LB136052
	Calcium	234	+/-1000	U	2000	P	06/07/2025	03:44	LB136052
	Chromium	2.12	+/-5	U	10.0	P	06/07/2025	03:44	LB136052
	Cobalt	2.26	+/-15	U	30.0	P	06/07/2025	03:44	LB136052
	Copper	4.60	+/-10	U	20.0	P	06/07/2025	03:44	LB136052
	Iron	23.4	+/-50	U	100	P	06/07/2025	03:44	LB136052
	Lead	2.30	+/-6	U	12.0	P	06/07/2025	03:44	LB136052
	Magnesium	244	+/-1000	U	2000	P	06/07/2025	03:44	LB136052
	Manganese	5.94	+/-10	U	20.0	P	06/07/2025	03:44	LB136052
	Nickel	3.06	+/-20	U	40.0	P	06/07/2025	03:44	LB136052
	Potassium	918	+/-1000	U	2000	P	06/07/2025	03:44	LB136052
	Selenium	9.64	+/-10	U	20.0	P	06/07/2025	03:44	LB136052
	Silver	1.62	+/-5	U	10.0	P	06/07/2025	03:44	LB136052
	Sodium	868	+/-1000	U	2000	P	06/07/2025	03:44	LB136052
	Thallium	6.19	+/-20	J	40.0	P	06/07/2025	03:44	LB136052
	Vanadium	6.26	+/-20	U	40.0	P	06/07/2025	03:44	LB136052
	Zinc	16.7	+/-20	U	40.0	P	06/07/2025	03:44	LB136052

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q2210

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2210 **SAS No.:** Q2210

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Aluminum	11.3	+/-50	U	100	P	06/10/2025	14:45	LB136097
	Antimony	6.76	+/-25	U	50.0	P	06/10/2025	14:45	LB136097
	Arsenic	5.12	+/-10	U	20.0	P	06/10/2025	14:45	LB136097
	Barium	14.6	+/-50	U	100	P	06/10/2025	14:45	LB136097
	Beryllium	0.56	+/-3	U	6.00	P	06/10/2025	14:45	LB136097
	Cadmium	0.50	+/-3	U	6.00	P	06/10/2025	14:45	LB136097
	Calcium	234	+/-1000	U	2000	P	06/10/2025	14:45	LB136097
	Chromium	2.12	+/-5	U	10.0	P	06/10/2025	14:45	LB136097
	Cobalt	2.26	+/-15	U	30.0	P	06/10/2025	14:45	LB136097
	Copper	4.60	+/-10	U	20.0	P	06/10/2025	14:45	LB136097
	Iron	23.4	+/-50	U	100	P	06/10/2025	14:45	LB136097
	Lead	2.30	+/-6	U	12.0	P	06/10/2025	14:45	LB136097
	Magnesium	244	+/-1000	U	2000	P	06/10/2025	14:45	LB136097
	Manganese	5.94	+/-10	U	20.0	P	06/10/2025	14:45	LB136097
	Nickel	3.06	+/-20	U	40.0	P	06/10/2025	14:45	LB136097
	Potassium	918	+/-1000	U	2000	P	06/10/2025	14:45	LB136097
	Selenium	9.64	+/-10	U	20.0	P	06/10/2025	14:45	LB136097
	Silver	1.62	+/-5	U	10.0	P	06/10/2025	14:45	LB136097
	Sodium	868	+/-1000	U	2000	P	06/10/2025	14:45	LB136097
	Thallium	4.38	+/-20	U	40.0	P	06/10/2025	14:45	LB136097
	Vanadium	6.26	+/-20	U	40.0	P	06/10/2025	14:45	LB136097
	Zinc	16.7	+/-20	U	40.0	P	06/10/2025	14:45	LB136097

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q2210

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2210 **SAS No.:** Q2210

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Aluminum	11.3	+/-50	U	100	P	06/10/2025	15:35	LB136097
	Antimony	6.76	+/-25	U	50.0	P	06/10/2025	15:35	LB136097
	Arsenic	5.12	+/-10	U	20.0	P	06/10/2025	15:35	LB136097
	Barium	14.6	+/-50	U	100	P	06/10/2025	15:35	LB136097
	Beryllium	0.56	+/-3	U	6.00	P	06/10/2025	15:35	LB136097
	Cadmium	0.50	+/-3	U	6.00	P	06/10/2025	15:35	LB136097
	Calcium	234	+/-1000	U	2000	P	06/10/2025	15:35	LB136097
	Chromium	2.12	+/-5	U	10.0	P	06/10/2025	15:35	LB136097
	Cobalt	2.26	+/-15	U	30.0	P	06/10/2025	15:35	LB136097
	Copper	4.60	+/-10	U	20.0	P	06/10/2025	15:35	LB136097
	Iron	23.4	+/-50	U	100	P	06/10/2025	15:35	LB136097
	Lead	2.30	+/-6	U	12.0	P	06/10/2025	15:35	LB136097
	Magnesium	244	+/-1000	U	2000	P	06/10/2025	15:35	LB136097
	Manganese	5.94	+/-10	U	20.0	P	06/10/2025	15:35	LB136097
	Nickel	3.06	+/-20	U	40.0	P	06/10/2025	15:35	LB136097
	Potassium	918	+/-1000	U	2000	P	06/10/2025	15:35	LB136097
	Selenium	9.64	+/-10	U	20.0	P	06/10/2025	15:35	LB136097
	Silver	1.62	+/-5	U	10.0	P	06/10/2025	15:35	LB136097
	Sodium	868	+/-1000	U	2000	P	06/10/2025	15:35	LB136097
	Thallium	4.38	+/-20	U	40.0	P	06/10/2025	15:35	LB136097
	Vanadium	6.26	+/-20	U	40.0	P	06/10/2025	15:35	LB136097
	Zinc	16.7	+/-20	U	40.0	P	06/10/2025	15:35	LB136097
CCB02	Aluminum	11.3	+/-50	U	100	P	06/10/2025	16:32	LB136097
	Antimony	6.76	+/-25	U	50.0	P	06/10/2025	16:32	LB136097
	Arsenic	5.12	+/-10	U	20.0	P	06/10/2025	16:32	LB136097
	Barium	14.6	+/-50	U	100	P	06/10/2025	16:32	LB136097
	Beryllium	0.56	+/-3	U	6.00	P	06/10/2025	16:32	LB136097
	Cadmium	0.50	+/-3	U	6.00	P	06/10/2025	16:32	LB136097
	Calcium	234	+/-1000	U	2000	P	06/10/2025	16:32	LB136097
	Chromium	2.12	+/-5	U	10.0	P	06/10/2025	16:32	LB136097
	Cobalt	2.26	+/-15	U	30.0	P	06/10/2025	16:32	LB136097
	Copper	4.60	+/-10	U	20.0	P	06/10/2025	16:32	LB136097
	Iron	23.4	+/-50	U	100	P	06/10/2025	16:32	LB136097
	Lead	2.30	+/-6	U	12.0	P	06/10/2025	16:32	LB136097
	Magnesium	244	+/-1000	U	2000	P	06/10/2025	16:32	LB136097
	Manganese	5.94	+/-10	U	20.0	P	06/10/2025	16:32	LB136097
	Nickel	3.06	+/-20	U	40.0	P	06/10/2025	16:32	LB136097
	Potassium	918	+/-1000	U	2000	P	06/10/2025	16:32	LB136097
	Selenium	9.64	+/-10	U	20.0	P	06/10/2025	16:32	LB136097

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q2210

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2210 **SAS No.:** Q2210

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB02	Silver	1.62	+/-5	U	10.0	P	06/10/2025	16:32	LB136097
	Sodium	868	+/-1000	U	2000	P	06/10/2025	16:32	LB136097
	Thallium	4.38	+/-20	U	40.0	P	06/10/2025	16:32	LB136097
	Vanadium	6.26	+/-20	U	40.0	P	06/10/2025	16:32	LB136097
	Zinc	16.7	+/-20	U	40.0	P	06/10/2025	16:32	LB136097
CCB03	Aluminum	11.3	+/-50	U	100	P	06/10/2025	17:40	LB136097
	Antimony	6.76	+/-25	U	50.0	P	06/10/2025	17:40	LB136097
	Arsenic	5.12	+/-10	U	20.0	P	06/10/2025	17:40	LB136097
	Barium	14.6	+/-50	U	100	P	06/10/2025	17:40	LB136097
	Beryllium	0.56	+/-3	U	6.00	P	06/10/2025	17:40	LB136097
	Cadmium	0.50	+/-3	U	6.00	P	06/10/2025	17:40	LB136097
	Calcium	234	+/-1000	U	2000	P	06/10/2025	17:40	LB136097
	Chromium	2.12	+/-5	U	10.0	P	06/10/2025	17:40	LB136097
	Cobalt	2.26	+/-15	U	30.0	P	06/10/2025	17:40	LB136097
	Copper	4.60	+/-10	U	20.0	P	06/10/2025	17:40	LB136097
	Iron	23.4	+/-50	U	100	P	06/10/2025	17:40	LB136097
	Lead	2.30	+/-6	U	12.0	P	06/10/2025	17:40	LB136097
	Magnesium	244	+/-1000	U	2000	P	06/10/2025	17:40	LB136097
	Manganese	5.94	+/-10	U	20.0	P	06/10/2025	17:40	LB136097
	Nickel	3.06	+/-20	U	40.0	P	06/10/2025	17:40	LB136097
	Potassium	918	+/-1000	U	2000	P	06/10/2025	17:40	LB136097
	Selenium	9.64	+/-10	U	20.0	P	06/10/2025	17:40	LB136097
	Silver	1.62	+/-5	U	10.0	P	06/10/2025	17:40	LB136097
	Sodium	868	+/-1000	U	2000	P	06/10/2025	17:40	LB136097
	Thallium	4.38	+/-20	U	40.0	P	06/10/2025	17:40	LB136097
	Vanadium	6.26	+/-20	U	40.0	P	06/10/2025	17:40	LB136097
	Zinc	16.7	+/-20	U	40.0	P	06/10/2025	17:40	LB136097
CCB04	Aluminum	11.3	+/-50	U	100	P	06/10/2025	18:32	LB136097
	Antimony	6.76	+/-25	U	50.0	P	06/10/2025	18:32	LB136097
	Arsenic	5.12	+/-10	U	20.0	P	06/10/2025	18:32	LB136097
	Barium	14.6	+/-50	U	100	P	06/10/2025	18:32	LB136097
	Beryllium	0.56	+/-3	U	6.00	P	06/10/2025	18:32	LB136097
	Cadmium	0.50	+/-3	U	6.00	P	06/10/2025	18:32	LB136097
	Calcium	234	+/-1000	U	2000	P	06/10/2025	18:32	LB136097
	Chromium	2.12	+/-5	U	10.0	P	06/10/2025	18:32	LB136097
	Cobalt	2.26	+/-15	U	30.0	P	06/10/2025	18:32	LB136097
	Copper	4.60	+/-10	U	20.0	P	06/10/2025	18:32	LB136097
	Iron	23.4	+/-50	U	100	P	06/10/2025	18:32	LB136097
	Lead	2.30	+/-6	U	12.0	P	06/10/2025	18:32	LB136097

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q2210

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2210 **SAS No.:** Q2210

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB04	Magnesium	244	+/-1000	U	2000	P	06/10/2025	18:32	LB136097
	Manganese	5.94	+/-10	U	20.0	P	06/10/2025	18:32	LB136097
	Nickel	3.06	+/-20	U	40.0	P	06/10/2025	18:32	LB136097
	Potassium	918	+/-1000	U	2000	P	06/10/2025	18:32	LB136097
	Selenium	9.64	+/-10	U	20.0	P	06/10/2025	18:32	LB136097
	Silver	1.62	+/-5	U	10.0	P	06/10/2025	18:32	LB136097
	Sodium	868	+/-1000	U	2000	P	06/10/2025	18:32	LB136097
	Thallium	4.38	+/-20	U	40.0	P	06/10/2025	18:32	LB136097
	Vanadium	6.26	+/-20	U	40.0	P	06/10/2025	18:32	LB136097
	Zinc	16.7	+/-20	U	40.0	P	06/10/2025	18:32	LB136097
CCB05	Aluminum	11.3	+/-50	U	100	P	06/10/2025	19:22	LB136097
	Antimony	6.76	+/-25	U	50.0	P	06/10/2025	19:22	LB136097
	Arsenic	5.12	+/-10	U	20.0	P	06/10/2025	19:22	LB136097
	Barium	14.6	+/-50	U	100	P	06/10/2025	19:22	LB136097
	Beryllium	0.56	+/-3	U	6.00	P	06/10/2025	19:22	LB136097
	Cadmium	0.50	+/-3	U	6.00	P	06/10/2025	19:22	LB136097
	Calcium	234	+/-1000	U	2000	P	06/10/2025	19:22	LB136097
	Chromium	2.12	+/-5	U	10.0	P	06/10/2025	19:22	LB136097
	Cobalt	2.26	+/-15	U	30.0	P	06/10/2025	19:22	LB136097
	Copper	4.60	+/-10	U	20.0	P	06/10/2025	19:22	LB136097
	Iron	23.4	+/-50	U	100	P	06/10/2025	19:22	LB136097
	Lead	2.30	+/-6	U	12.0	P	06/10/2025	19:22	LB136097
	Magnesium	244	+/-1000	U	2000	P	06/10/2025	19:22	LB136097
	Manganese	5.94	+/-10	U	20.0	P	06/10/2025	19:22	LB136097
	Nickel	3.06	+/-20	U	40.0	P	06/10/2025	19:22	LB136097
	Potassium	918	+/-1000	U	2000	P	06/10/2025	19:22	LB136097
	Selenium	9.64	+/-10	U	20.0	P	06/10/2025	19:22	LB136097
	Silver	1.62	+/-5	U	10.0	P	06/10/2025	19:22	LB136097
	Sodium	868	+/-1000	U	2000	P	06/10/2025	19:22	LB136097
	Thallium	4.38	+/-20	U	40.0	P	06/10/2025	19:22	LB136097
	Vanadium	6.26	+/-20	U	40.0	P	06/10/2025	19:22	LB136097
	Zinc	16.7	+/-20	U	40.0	P	06/10/2025	19:22	LB136097
CCB06	Aluminum	11.3	+/-50	U	100	P	06/10/2025	20:14	LB136097
	Antimony	6.76	+/-25	U	50.0	P	06/10/2025	20:14	LB136097
	Arsenic	5.12	+/-10	U	20.0	P	06/10/2025	20:14	LB136097
	Barium	14.6	+/-50	U	100	P	06/10/2025	20:14	LB136097
	Beryllium	0.56	+/-3	U	6.00	P	06/10/2025	20:14	LB136097
	Cadmium	0.50	+/-3	U	6.00	P	06/10/2025	20:14	LB136097
	Calcium	234	+/-1000	U	2000	P	06/10/2025	20:14	LB136097

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q2210

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2210 **SAS No.:** Q2210

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB06	Chromium	2.12	+/-5	U	10.0	P	06/10/2025	20:14	LB136097
	Cobalt	2.26	+/-15	U	30.0	P	06/10/2025	20:14	LB136097
	Copper	4.60	+/-10	U	20.0	P	06/10/2025	20:14	LB136097
	Iron	23.4	+/-50	U	100	P	06/10/2025	20:14	LB136097
	Lead	2.30	+/-6	U	12.0	P	06/10/2025	20:14	LB136097
	Magnesium	244	+/-1000	U	2000	P	06/10/2025	20:14	LB136097
	Manganese	5.94	+/-10	U	20.0	P	06/10/2025	20:14	LB136097
	Nickel	3.06	+/-20	U	40.0	P	06/10/2025	20:14	LB136097
	Potassium	918	+/-1000	U	2000	P	06/10/2025	20:14	LB136097
	Selenium	9.64	+/-10	U	20.0	P	06/10/2025	20:14	LB136097
	Silver	1.62	+/-5	U	10.0	P	06/10/2025	20:14	LB136097
	Sodium	868	+/-1000	U	2000	P	06/10/2025	20:14	LB136097
	Thallium	4.38	+/-20	U	40.0	P	06/10/2025	20:14	LB136097
	Vanadium	6.26	+/-20	U	40.0	P	06/10/2025	20:14	LB136097
	Zinc	16.7	+/-20	U	40.0	P	06/10/2025	20:14	LB136097
CCB07	Aluminum	11.3	+/-50	U	100	P	06/10/2025	21:08	LB136097
	Antimony	6.76	+/-25	U	50.0	P	06/10/2025	21:08	LB136097
	Arsenic	5.12	+/-10	U	20.0	P	06/10/2025	21:08	LB136097
	Barium	14.6	+/-50	U	100	P	06/10/2025	21:08	LB136097
	Beryllium	0.56	+/-3	U	6.00	P	06/10/2025	21:08	LB136097
	Cadmium	0.50	+/-3	U	6.00	P	06/10/2025	21:08	LB136097
	Calcium	234	+/-1000	U	2000	P	06/10/2025	21:08	LB136097
	Chromium	2.12	+/-5	U	10.0	P	06/10/2025	21:08	LB136097
	Cobalt	2.26	+/-15	U	30.0	P	06/10/2025	21:08	LB136097
	Copper	4.60	+/-10	U	20.0	P	06/10/2025	21:08	LB136097
	Iron	23.4	+/-50	U	100	P	06/10/2025	21:08	LB136097
	Lead	2.30	+/-6	U	12.0	P	06/10/2025	21:08	LB136097
	Magnesium	244	+/-1000	U	2000	P	06/10/2025	21:08	LB136097
	Manganese	5.94	+/-10	U	20.0	P	06/10/2025	21:08	LB136097
	Nickel	3.06	+/-20	U	40.0	P	06/10/2025	21:08	LB136097
	Potassium	918	+/-1000	U	2000	P	06/10/2025	21:08	LB136097
	Selenium	9.64	+/-10	U	20.0	P	06/10/2025	21:08	LB136097
	Silver	1.62	+/-5	U	10.0	P	06/10/2025	21:08	LB136097
	Sodium	868	+/-1000	U	2000	P	06/10/2025	21:08	LB136097
	Thallium	4.38	+/-20	U	40.0	P	06/10/2025	21:08	LB136097
	Vanadium	6.26	+/-20	U	40.0	P	06/10/2025	21:08	LB136097
	Zinc	16.7	+/-20	U	40.0	P	06/10/2025	21:08	LB136097
CCB08	Aluminum	11.3	+/-50	U	100	P	06/10/2025	22:08	LB136097
	Antimony	6.76	+/-25	U	50.0	P	06/10/2025	22:08	LB136097

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q2210

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2210 **SAS No.:** Q2210

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB08	Arsenic	5.12	+/-10	U	20.0	P	06/10/2025	22:08	LB136097
	Barium	14.6	+/-50	U	100	P	06/10/2025	22:08	LB136097
	Beryllium	0.56	+/-3	U	6.00	P	06/10/2025	22:08	LB136097
	Cadmium	0.50	+/-3	U	6.00	P	06/10/2025	22:08	LB136097
	Calcium	234	+/-1000	U	2000	P	06/10/2025	22:08	LB136097
	Chromium	2.12	+/-5	U	10.0	P	06/10/2025	22:08	LB136097
	Cobalt	2.26	+/-15	U	30.0	P	06/10/2025	22:08	LB136097
	Copper	4.60	+/-10	U	20.0	P	06/10/2025	22:08	LB136097
	Iron	23.4	+/-50	U	100	P	06/10/2025	22:08	LB136097
	Lead	2.30	+/-6	U	12.0	P	06/10/2025	22:08	LB136097
	Magnesium	244	+/-1000	U	2000	P	06/10/2025	22:08	LB136097
	Manganese	5.94	+/-10	U	20.0	P	06/10/2025	22:08	LB136097
	Nickel	3.06	+/-20	U	40.0	P	06/10/2025	22:08	LB136097
	Potassium	918	+/-1000	U	2000	P	06/10/2025	22:08	LB136097
	Selenium	9.64	+/-10	U	20.0	P	06/10/2025	22:08	LB136097
	Silver	1.62	+/-5	U	10.0	P	06/10/2025	22:08	LB136097
	Sodium	868	+/-1000	U	2000	P	06/10/2025	22:08	LB136097
	Thallium	4.38	+/-20	U	40.0	P	06/10/2025	22:08	LB136097
	Vanadium	6.26	+/-20	U	40.0	P	06/10/2025	22:08	LB136097
	Zinc	16.7	+/-20	U	40.0	P	06/10/2025	22:08	LB136097
CCB09	Aluminum	11.3	+/-50	U	100	P	06/10/2025	23:01	LB136097
	Antimony	6.76	+/-25	U	50.0	P	06/10/2025	23:01	LB136097
	Arsenic	5.12	+/-10	U	20.0	P	06/10/2025	23:01	LB136097
	Barium	14.6	+/-50	U	100	P	06/10/2025	23:01	LB136097
	Beryllium	0.56	+/-3	U	6.00	P	06/10/2025	23:01	LB136097
	Cadmium	0.50	+/-3	U	6.00	P	06/10/2025	23:01	LB136097
	Calcium	234	+/-1000	U	2000	P	06/10/2025	23:01	LB136097
	Chromium	2.12	+/-5	U	10.0	P	06/10/2025	23:01	LB136097
	Cobalt	2.26	+/-15	U	30.0	P	06/10/2025	23:01	LB136097
	Copper	4.60	+/-10	U	20.0	P	06/10/2025	23:01	LB136097
	Iron	23.4	+/-50	U	100	P	06/10/2025	23:01	LB136097
	Lead	2.30	+/-6	U	12.0	P	06/10/2025	23:01	LB136097
	Magnesium	244	+/-1000	U	2000	P	06/10/2025	23:01	LB136097
	Manganese	5.94	+/-10	U	20.0	P	06/10/2025	23:01	LB136097
	Nickel	3.06	+/-20	U	40.0	P	06/10/2025	23:01	LB136097
	Potassium	918	+/-1000	U	2000	P	06/10/2025	23:01	LB136097
	Selenium	9.64	+/-10	U	20.0	P	06/10/2025	23:01	LB136097
	Silver	1.62	+/-5	U	10.0	P	06/10/2025	23:01	LB136097
	Sodium	868	+/-1000	U	2000	P	06/10/2025	23:01	LB136097

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q2210

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2210 **SAS No.:** Q2210

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB09	Thallium	4.38	+/-20	U	40.0	P	06/10/2025	23:01	LB136097
	Vanadium	6.26	+/-20	U	40.0	P	06/10/2025	23:01	LB136097
	Zinc	16.7	+/-20	U	40.0	P	06/10/2025	23:01	LB136097
CCB10	Aluminum	11.3	+/-50	U	100	P	06/11/2025	00:02	LB136097
	Antimony	6.76	+/-25	U	50.0	P	06/11/2025	00:02	LB136097
	Arsenic	5.12	+/-10	U	20.0	P	06/11/2025	00:02	LB136097
	Barium	14.6	+/-50	U	100	P	06/11/2025	00:02	LB136097
	Beryllium	0.56	+/-3	U	6.00	P	06/11/2025	00:02	LB136097
	Cadmium	0.50	+/-3	U	6.00	P	06/11/2025	00:02	LB136097
	Calcium	234	+/-1000	U	2000	P	06/11/2025	00:02	LB136097
	Chromium	2.12	+/-5	U	10.0	P	06/11/2025	00:02	LB136097
	Cobalt	2.26	+/-15	U	30.0	P	06/11/2025	00:02	LB136097
	Copper	4.60	+/-10	U	20.0	P	06/11/2025	00:02	LB136097
	Iron	23.4	+/-50	U	100	P	06/11/2025	00:02	LB136097
	Lead	2.30	+/-6	U	12.0	P	06/11/2025	00:02	LB136097
	Magnesium	244	+/-1000	U	2000	P	06/11/2025	00:02	LB136097
	Manganese	5.94	+/-10	U	20.0	P	06/11/2025	00:02	LB136097
	Nickel	3.06	+/-20	U	40.0	P	06/11/2025	00:02	LB136097
	Potassium	918	+/-1000	U	2000	P	06/11/2025	00:02	LB136097
	Selenium	9.64	+/-10	U	20.0	P	06/11/2025	00:02	LB136097
	Silver	1.62	+/-5	U	10.0	P	06/11/2025	00:02	LB136097
	Sodium	868	+/-1000	U	2000	P	06/11/2025	00:02	LB136097
	Thallium	4.38	+/-20	U	40.0	P	06/11/2025	00:02	LB136097
	Vanadium	6.26	+/-20	U	40.0	P	06/11/2025	00:02	LB136097
	Zinc	16.7	+/-20	U	40.0	P	06/11/2025	00:02	LB136097
CCB11	Aluminum	11.3	+/-50	U	100	P	06/11/2025	01:39	LB136097
	Antimony	6.76	+/-25	U	50.0	P	06/11/2025	01:39	LB136097
	Arsenic	5.12	+/-10	U	20.0	P	06/11/2025	01:39	LB136097
	Barium	14.6	+/-50	U	100	P	06/11/2025	01:39	LB136097
	Beryllium	0.56	+/-3	U	6.00	P	06/11/2025	01:39	LB136097
	Cadmium	0.50	+/-3	U	6.00	P	06/11/2025	01:39	LB136097
	Calcium	234	+/-1000	U	2000	P	06/11/2025	01:39	LB136097
	Chromium	2.12	+/-5	U	10.0	P	06/11/2025	01:39	LB136097
	Cobalt	2.26	+/-15	U	30.0	P	06/11/2025	01:39	LB136097
	Copper	4.60	+/-10	U	20.0	P	06/11/2025	01:39	LB136097
	Iron	23.4	+/-50	U	100	P	06/11/2025	01:39	LB136097
	Lead	2.30	+/-6	U	12.0	P	06/11/2025	01:39	LB136097
	Magnesium	244	+/-1000	U	2000	P	06/11/2025	01:39	LB136097
	Manganese	5.94	+/-10	U	20.0	P	06/11/2025	01:39	LB136097

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q2210

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2210 **SAS No.:** Q2210

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB11	Nickel	3.06	+/-20	U	40.0	P	06/11/2025	01:39	LB136097
	Potassium	918	+/-1000	U	2000	P	06/11/2025	01:39	LB136097
	Selenium	9.64	+/-10	U	20.0	P	06/11/2025	01:39	LB136097
	Silver	1.62	+/-5	U	10.0	P	06/11/2025	01:39	LB136097
	Sodium	868	+/-1000	U	2000	P	06/11/2025	01:39	LB136097
	Thallium	4.38	+/-20	U	40.0	P	06/11/2025	01:39	LB136097
	Vanadium	6.26	+/-20	U	40.0	P	06/11/2025	01:39	LB136097
	Zinc	16.7	+/-20	U	40.0	P	06/11/2025	01:39	LB136097
CCB12	Aluminum	11.3	+/-50	U	100	P	06/11/2025	02:25	LB136097
	Antimony	6.76	+/-25	U	50.0	P	06/11/2025	02:25	LB136097
	Arsenic	5.12	+/-10	U	20.0	P	06/11/2025	02:25	LB136097
	Barium	14.6	+/-50	U	100	P	06/11/2025	02:25	LB136097
	Beryllium	0.56	+/-3	U	6.00	P	06/11/2025	02:25	LB136097
	Cadmium	0.50	+/-3	U	6.00	P	06/11/2025	02:25	LB136097
	Calcium	234	+/-1000	U	2000	P	06/11/2025	02:25	LB136097
	Chromium	2.12	+/-5	U	10.0	P	06/11/2025	02:25	LB136097
	Cobalt	2.26	+/-15	U	30.0	P	06/11/2025	02:25	LB136097
	Copper	4.60	+/-10	U	20.0	P	06/11/2025	02:25	LB136097
	Iron	23.4	+/-50	U	100	P	06/11/2025	02:25	LB136097
	Lead	2.30	+/-6	U	12.0	P	06/11/2025	02:25	LB136097
	Magnesium	244	+/-1000	U	2000	P	06/11/2025	02:25	LB136097
	Manganese	5.94	+/-10	U	20.0	P	06/11/2025	02:25	LB136097
	Nickel	3.06	+/-20	U	40.0	P	06/11/2025	02:25	LB136097
	Potassium	918	+/-1000	U	2000	P	06/11/2025	02:25	LB136097
	Selenium	9.64	+/-10	U	20.0	P	06/11/2025	02:25	LB136097
	Silver	1.62	+/-5	U	10.0	P	06/11/2025	02:25	LB136097
	Sodium	868	+/-1000	U	2000	P	06/11/2025	02:25	LB136097
	Thallium	4.38	+/-20	U	40.0	P	06/11/2025	02:25	LB136097
	Vanadium	6.26	+/-20	U	40.0	P	06/11/2025	02:25	LB136097
	Zinc	16.7	+/-20	U	40.0	P	06/11/2025	02:25	LB136097

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q2210

Instrument: CV1

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB168317BL		**WATER**		**Batch Number:**	**PB168317**		**Prep Date:**	**06/05/2025**	
	Mercury	0.076	<0.2	U	0.20	CV	06/06/2025	11:16	LB136036

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: G Environmental **SDG No.:** Q2210

Instrument: P4

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB168284BL		**WATER**		**Batch Number:**	**PB168284**		**Prep Date:**	**06/05/2025**	
	Aluminum	5.67	<25	U	50.0	P	06/06/2025	14:22	LB136052
	Antimony	3.38	<12.5	U	25.0	P	06/06/2025	14:22	LB136052
	Arsenic	2.56	<5	U	10.0	P	06/06/2025	14:22	LB136052
	Barium	7.28	<25	U	50.0	P	06/06/2025	14:22	LB136052
	Beryllium	0.28	<1.5	U	3.00	P	06/06/2025	14:22	LB136052
	Cadmium	0.25	<1.5	U	3.00	P	06/06/2025	14:22	LB136052
	Calcium	117	<500	U	1000	P	06/06/2025	14:22	LB136052
	Chromium	1.06	<2.5	U	5.00	P	06/06/2025	14:22	LB136052
	Cobalt	1.13	<7.5	U	15.0	P	06/06/2025	14:22	LB136052
	Copper	2.30	<5	U	10.0	P	06/06/2025	14:22	LB136052
	Iron	17.8	<25	J	50.0	P	06/06/2025	14:22	LB136052
	Lead	1.15	<3	U	6.00	P	06/06/2025	14:22	LB136052
	Magnesium	122	<500	U	1000	P	06/06/2025	14:22	LB136052
	Manganese	2.97	<5	U	10.0	P	06/06/2025	14:22	LB136052
	Nickel	1.53	<10	U	20.0	P	06/06/2025	14:22	LB136052
	Potassium	459	<500	U	1000	P	06/06/2025	14:22	LB136052
	Selenium	4.82	<5	U	10.0	P	06/06/2025	14:22	LB136052
	Silver	0.81	<2.5	U	5.00	P	06/06/2025	14:22	LB136052
	Sodium	434	<500	U	1000	P	06/06/2025	14:22	LB136052
	Thallium	2.19	<10	U	20.0	P	06/06/2025	14:22	LB136052
	Vanadium	3.13	<10	U	20.0	P	06/06/2025	14:22	LB136052
	Zinc	8.33	<10	U	20.0	P	06/06/2025	14:22	LB136052

METAL CALIBRATION DATA

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2210

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2210 **SAS No.:** Q2210

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV29	Mercury	3.69	4.0	92	90 - 110	CV	06/06/2025	10:03	LB136036

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2210

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2210 **SAS No.:** Q2210

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV08	Mercury	4.74	5.0	95	90 - 110	CV	06/06/2025	10:07	LB136036
CCV09	Mercury	4.88	5.0	98	90 - 110	CV	06/06/2025	10:37	LB136036
CCV10	Mercury	4.71	5.0	94	90 - 110	CV	06/06/2025	11:04	LB136036
CCV11	Mercury	4.55	5.0	91	90 - 110	CV	06/06/2025	11:41	LB136036
CCV12	Mercury	4.77	5.0	96	90 - 110	CV	06/06/2025	12:06	LB136036
CCV13	Mercury	5.10	5.0	102	90 - 110	CV	06/06/2025	12:33	LB136036

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 2a -
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2210

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2210 **SAS No.:** Q2210

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Aluminum	2550	2500	102	90 - 110	P	06/06/2025	13:16	LB136052
	Antimony	1020	1000	102	90 - 110	P	06/06/2025	13:16	LB136052
	Arsenic	1010	1000	101	90 - 110	P	06/06/2025	13:16	LB136052
	Barium	507	520	98	90 - 110	P	06/06/2025	13:16	LB136052
	Beryllium	485	510	95	90 - 110	P	06/06/2025	13:16	LB136052
	Cadmium	502	510	98	90 - 110	P	06/06/2025	13:16	LB136052
	Calcium	9890	10000	99	90 - 110	P	06/06/2025	13:16	LB136052
	Chromium	522	520	100	90 - 110	P	06/06/2025	13:16	LB136052
	Cobalt	523	520	101	90 - 110	P	06/06/2025	13:16	LB136052
	Copper	527	510	103	90 - 110	P	06/06/2025	13:16	LB136052
	Iron	10300	10000	103	90 - 110	P	06/06/2025	13:16	LB136052
	Lead	980	1000	98	90 - 110	P	06/06/2025	13:16	LB136052
	Magnesium	6090	6000	102	90 - 110	P	06/06/2025	13:16	LB136052
	Manganese	520	520	100	90 - 110	P	06/06/2025	13:16	LB136052
	Nickel	533	530	100	90 - 110	P	06/06/2025	13:16	LB136052
	Potassium	9630	9900	97	90 - 110	P	06/06/2025	13:16	LB136052
	Selenium	998	1000	100	90 - 110	P	06/06/2025	13:16	LB136052
	Silver	243	250	97	90 - 110	P	06/06/2025	13:16	LB136052
	Sodium	10100	10000	101	90 - 110	P	06/06/2025	13:16	LB136052
	Thallium	985	1000	98	90 - 110	P	06/06/2025	13:16	LB136052
	Vanadium	489	500	98	90 - 110	P	06/06/2025	13:16	LB136052
	Zinc	991	1000	99	90 - 110	P	06/06/2025	13:16	LB136052

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2210

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2210 **SAS No.:** Q2210

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Aluminum	105	100	105	80 - 120	P	06/06/2025	13:29	LB136052
	Antimony	47.2	50.0	94	80 - 120	P	06/06/2025	13:29	LB136052
	Arsenic	21.6	20.0	108	80 - 120	P	06/06/2025	13:29	LB136052
	Barium	92.0	100	92	80 - 120	P	06/06/2025	13:29	LB136052
	Beryllium	5.86	6.0	98	80 - 120	P	06/06/2025	13:29	LB136052
	Cadmium	6.02	6.0	100	80 - 120	P	06/06/2025	13:29	LB136052
	Calcium	1940	2000	97	80 - 120	P	06/06/2025	13:29	LB136052
	Chromium	9.45	10.0	94	80 - 120	P	06/06/2025	13:29	LB136052
	Cobalt	29.2	30.0	97	80 - 120	P	06/06/2025	13:29	LB136052
	Copper	21.0	20.0	105	80 - 120	P	06/06/2025	13:29	LB136052
	Iron	106	100	106	80 - 120	P	06/06/2025	13:29	LB136052
	Lead	13.9	12.0	116	80 - 120	P	06/06/2025	13:29	LB136052
	Magnesium	1960	2000	98	80 - 120	P	06/06/2025	13:29	LB136052
	Manganese	19.2	20.0	96	80 - 120	P	06/06/2025	13:29	LB136052
	Nickel	39.7	40.0	99	80 - 120	P	06/06/2025	13:29	LB136052
	Potassium	2290	2000	115	80 - 120	P	06/06/2025	13:29	LB136052
	Selenium	22.5	20.0	112	80 - 120	P	06/06/2025	13:29	LB136052
	Silver	9.79	10.0	98	80 - 120	P	06/06/2025	13:29	LB136052
	Sodium	1630	2000	82	80 - 120	P	06/06/2025	13:29	LB136052
	Thallium	41.0	40.0	102	80 - 120	P	06/06/2025	13:29	LB136052
	Vanadium	38.8	40.0	97	80 - 120	P	06/06/2025	13:29	LB136052
	Zinc	43.4	40.0	108	80 - 120	P	06/06/2025	13:29	LB136052

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 2a -
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2210

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2210 **SAS No.:** Q2210

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Aluminum	9970	10000	100	90 - 110	P	06/06/2025	14:05	LB136052
	Antimony	5060	5000	101	90 - 110	P	06/06/2025	14:05	LB136052
	Arsenic	5060	5000	101	90 - 110	P	06/06/2025	14:05	LB136052
	Barium	9720	10000	97	90 - 110	P	06/06/2025	14:05	LB136052
	Beryllium	244	250	98	90 - 110	P	06/06/2025	14:05	LB136052
	Cadmium	2460	2500	98	90 - 110	P	06/06/2025	14:05	LB136052
	Calcium	24000	25000	96	90 - 110	P	06/06/2025	14:05	LB136052
	Chromium	995	1000	100	90 - 110	P	06/06/2025	14:05	LB136052
	Cobalt	2460	2500	98	90 - 110	P	06/06/2025	14:05	LB136052
	Copper	1250	1250	100	90 - 110	P	06/06/2025	14:05	LB136052
	Iron	4810	5000	96	90 - 110	P	06/06/2025	14:05	LB136052
	Lead	4910	5000	98	90 - 110	P	06/06/2025	14:05	LB136052
	Magnesium	23900	25000	95	90 - 110	P	06/06/2025	14:05	LB136052
	Manganese	2360	2500	95	90 - 110	P	06/06/2025	14:05	LB136052
	Nickel	2460	2500	98	90 - 110	P	06/06/2025	14:05	LB136052
	Potassium	24400	25000	98	90 - 110	P	06/06/2025	14:05	LB136052
	Selenium	5120	5000	102	90 - 110	P	06/06/2025	14:05	LB136052
	Silver	1240	1250	99	90 - 110	P	06/06/2025	14:05	LB136052
	Sodium	24400	25000	98	90 - 110	P	06/06/2025	14:05	LB136052
	Thallium	5010	5000	100	90 - 110	P	06/06/2025	14:05	LB136052
	Vanadium	2420	2500	97	90 - 110	P	06/06/2025	14:05	LB136052
	Zinc	2480	2500	99	90 - 110	P	06/06/2025	14:05	LB136052
CCV02	Aluminum	9950	10000	100	90 - 110	P	06/06/2025	14:56	LB136052
	Antimony	5150	5000	103	90 - 110	P	06/06/2025	14:56	LB136052
	Arsenic	5110	5000	102	90 - 110	P	06/06/2025	14:56	LB136052
	Barium	9740	10000	97	90 - 110	P	06/06/2025	14:56	LB136052
	Beryllium	235	250	94	90 - 110	P	06/06/2025	14:56	LB136052
	Cadmium	2470	2500	99	90 - 110	P	06/06/2025	14:56	LB136052
	Calcium	23900	25000	96	90 - 110	P	06/06/2025	14:56	LB136052
	Chromium	993	1000	99	90 - 110	P	06/06/2025	14:56	LB136052
	Cobalt	2480	2500	99	90 - 110	P	06/06/2025	14:56	LB136052
	Copper	1280	1250	102	90 - 110	P	06/06/2025	14:56	LB136052
	Iron	4920	5000	98	90 - 110	P	06/06/2025	14:56	LB136052
	Lead	4960	5000	99	90 - 110	P	06/06/2025	14:56	LB136052

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 2a -
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2210

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2210 **SAS No.:** Q2210

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV02	Magnesium	23700	25000	95	90 - 110	P	06/06/2025	14:56	LB136052
	Manganese	2370	2500	95	90 - 110	P	06/06/2025	14:56	LB136052
	Nickel	2480	2500	99	90 - 110	P	06/06/2025	14:56	LB136052
	Potassium	25000	25000	100	90 - 110	P	06/06/2025	14:56	LB136052
	Selenium	5170	5000	103	90 - 110	P	06/06/2025	14:56	LB136052
	Silver	1250	1250	100	90 - 110	P	06/06/2025	14:56	LB136052
	Sodium	25100	25000	100	90 - 110	P	06/06/2025	14:56	LB136052
	Thallium	5070	5000	101	90 - 110	P	06/06/2025	14:56	LB136052
	Vanadium	2430	2500	97	90 - 110	P	06/06/2025	14:56	LB136052
	Zinc	2490	2500	100	90 - 110	P	06/06/2025	14:56	LB136052
CCV03	Aluminum	10200	10000	102	90 - 110	P	06/06/2025	15:50	LB136052
	Antimony	5160	5000	103	90 - 110	P	06/06/2025	15:50	LB136052
	Arsenic	5150	5000	103	90 - 110	P	06/06/2025	15:50	LB136052
	Barium	9690	10000	97	90 - 110	P	06/06/2025	15:50	LB136052
	Beryllium	253	250	101	90 - 110	P	06/06/2025	15:50	LB136052
	Cadmium	2510	2500	100	90 - 110	P	06/06/2025	15:50	LB136052
	Calcium	24500	25000	98	90 - 110	P	06/06/2025	15:50	LB136052
	Chromium	998	1000	100	90 - 110	P	06/06/2025	15:50	LB136052
	Cobalt	2510	2500	100	90 - 110	P	06/06/2025	15:50	LB136052
	Copper	1280	1250	103	90 - 110	P	06/06/2025	15:50	LB136052
	Iron	4640	5000	93	90 - 110	P	06/06/2025	15:50	LB136052
	Lead	5000	5000	100	90 - 110	P	06/06/2025	15:50	LB136052
	Magnesium	24600	25000	98	90 - 110	P	06/06/2025	15:50	LB136052
	Manganese	2420	2500	97	90 - 110	P	06/06/2025	15:50	LB136052
	Nickel	2510	2500	100	90 - 110	P	06/06/2025	15:50	LB136052
	Potassium	23600	25000	94	90 - 110	P	06/06/2025	15:50	LB136052
	Selenium	5210	5000	104	90 - 110	P	06/06/2025	15:50	LB136052
	Silver	1240	1250	99	90 - 110	P	06/06/2025	15:50	LB136052
	Sodium	23900	25000	95	90 - 110	P	06/06/2025	15:50	LB136052
	Thallium	5080	5000	102	90 - 110	P	06/06/2025	15:50	LB136052
	Vanadium	2460	2500	98	90 - 110	P	06/06/2025	15:50	LB136052
	Zinc	2470	2500	99	90 - 110	P	06/06/2025	15:50	LB136052
CCV04	Aluminum	9810	10000	98	90 - 110	P	06/06/2025	16:46	LB136052
	Antimony	4960	5000	99	90 - 110	P	06/06/2025	16:46	LB136052

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 2a -
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2210

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2210 **SAS No.:** Q2210

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV04	Arsenic	4920	5000	98	90 - 110	P	06/06/2025	16:46	LB136052
	Barium	9750	10000	98	90 - 110	P	06/06/2025	16:46	LB136052
	Beryllium	237	250	95	90 - 110	P	06/06/2025	16:46	LB136052
	Cadmium	2450	2500	98	90 - 110	P	06/06/2025	16:46	LB136052
	Calcium	24200	25000	97	90 - 110	P	06/06/2025	16:46	LB136052
	Chromium	993	1000	99	90 - 110	P	06/06/2025	16:46	LB136052
	Cobalt	2450	2500	98	90 - 110	P	06/06/2025	16:46	LB136052
	Copper	1240	1250	99	90 - 110	P	06/06/2025	16:46	LB136052
	Iron	4980	5000	100	90 - 110	P	06/06/2025	16:46	LB136052
	Lead	4890	5000	98	90 - 110	P	06/06/2025	16:46	LB136052
	Magnesium	23900	25000	96	90 - 110	P	06/06/2025	16:46	LB136052
	Manganese	2400	2500	96	90 - 110	P	06/06/2025	16:46	LB136052
	Nickel	2450	2500	98	90 - 110	P	06/06/2025	16:46	LB136052
	Potassium	24600	25000	98	90 - 110	P	06/06/2025	16:46	LB136052
	Selenium	4920	5000	98	90 - 110	P	06/06/2025	16:46	LB136052
	Silver	1230	1250	98	90 - 110	P	06/06/2025	16:46	LB136052
	Sodium	25000	25000	100	90 - 110	P	06/06/2025	16:46	LB136052
	Thallium	4710	5000	94	90 - 110	P	06/06/2025	16:46	LB136052
	Vanadium	2430	2500	97	90 - 110	P	06/06/2025	16:46	LB136052
	Zinc	2460	2500	98	90 - 110	P	06/06/2025	16:46	LB136052
CCV05	Aluminum	9840	10000	98	90 - 110	P	06/06/2025	17:40	LB136052
	Antimony	4960	5000	99	90 - 110	P	06/06/2025	17:40	LB136052
	Arsenic	4930	5000	99	90 - 110	P	06/06/2025	17:40	LB136052
	Barium	9480	10000	95	90 - 110	P	06/06/2025	17:40	LB136052
	Beryllium	243	250	97	90 - 110	P	06/06/2025	17:40	LB136052
	Cadmium	2390	2500	96	90 - 110	P	06/06/2025	17:40	LB136052
	Calcium	23700	25000	95	90 - 110	P	06/06/2025	17:40	LB136052
	Chromium	977	1000	98	90 - 110	P	06/06/2025	17:40	LB136052
	Cobalt	2410	2500	96	90 - 110	P	06/06/2025	17:40	LB136052
	Copper	1250	1250	100	90 - 110	P	06/06/2025	17:40	LB136052
	Iron	4770	5000	95	90 - 110	P	06/06/2025	17:40	LB136052
	Lead	4810	5000	96	90 - 110	P	06/06/2025	17:40	LB136052
	Magnesium	23600	25000	94	90 - 110	P	06/06/2025	17:40	LB136052
	Manganese	2370	2500	95	90 - 110	P	06/06/2025	17:40	LB136052

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 2a -
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2210

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2210 **SAS No.:** Q2210

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV05	Nickel	2410	2500	96	90 - 110	P	06/06/2025	17:40	LB136052
	Potassium	23900	25000	96	90 - 110	P	06/06/2025	17:40	LB136052
	Selenium	5010	5000	100	90 - 110	P	06/06/2025	17:40	LB136052
	Silver	1230	1250	99	90 - 110	P	06/06/2025	17:40	LB136052
	Sodium	24000	25000	96	90 - 110	P	06/06/2025	17:40	LB136052
	Thallium	4840	5000	97	90 - 110	P	06/06/2025	17:40	LB136052
	Vanadium	2400	2500	96	90 - 110	P	06/06/2025	17:40	LB136052
	Zinc	2450	2500	98	90 - 110	P	06/06/2025	17:40	LB136052
CCV06	Aluminum	9230	10000	92	90 - 110	P	06/07/2025	03:03	LB136052
	Antimony	4480	5000	90	90 - 110	P	06/07/2025	03:03	LB136052
	Arsenic	4390	5000	88	90 - 110	P	06/07/2025	03:03	LB136052
	Barium	9840	10000	98	90 - 110	P	06/07/2025	03:03	LB136052
	Beryllium	257	250	103	90 - 110	P	06/07/2025	03:03	LB136052
	Cadmium	2300	2500	92	90 - 110	P	06/07/2025	03:03	LB136052
	Calcium	23900	25000	96	90 - 110	P	06/07/2025	03:03	LB136052
	Chromium	907	1000	91	90 - 110	P	06/07/2025	03:03	LB136052
	Cobalt	2290	2500	92	90 - 110	P	06/07/2025	03:03	LB136052
	Copper	1170	1250	94	90 - 110	P	06/07/2025	03:03	LB136052
	Iron	4160	5000	83	90 - 110	P	06/07/2025	03:03	LB136052
	Lead	4580	5000	92	90 - 110	P	06/07/2025	03:03	LB136052
	Magnesium	24100	25000	96	90 - 110	P	06/07/2025	03:03	LB136052
	Manganese	2470	2500	99	90 - 110	P	06/07/2025	03:03	LB136052
	Nickel	2300	2500	92	90 - 110	P	06/07/2025	03:03	LB136052
	Potassium	20100	25000	81	90 - 110	P	06/07/2025	03:03	LB136052
	Selenium	4340	5000	87	90 - 110	P	06/07/2025	03:03	LB136052
	Silver	1120	1250	90	90 - 110	P	06/07/2025	03:03	LB136052
	Sodium	20700	25000	83	90 - 110	P	06/07/2025	03:03	LB136052
	Thallium	4470	5000	89	90 - 110	P	06/07/2025	03:03	LB136052
	Vanadium	2390	2500	96	90 - 110	P	06/07/2025	03:03	LB136052
	Zinc	2190	2500	88	90 - 110	P	06/07/2025	03:03	LB136052
CCV07	Aluminum	9310	10000	93	90 - 110	P	06/07/2025	03:40	LB136052
	Antimony	4500	5000	90	90 - 110	P	06/07/2025	03:40	LB136052
	Arsenic	4400	5000	88	90 - 110	P	06/07/2025	03:40	LB136052
	Barium	10300	10000	103	90 - 110	P	06/07/2025	03:40	LB136052

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2210

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2210 **SAS No.:** Q2210

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV07	Beryllium	249	250	100	90 - 110	P	06/07/2025	03:40	LB136052
	Cadmium	2330	2500	93	90 - 110	P	06/07/2025	03:40	LB136052
	Calcium	24600	25000	98	90 - 110	P	06/07/2025	03:40	LB136052
	Chromium	951	1000	95	90 - 110	P	06/07/2025	03:40	LB136052
	Cobalt	2320	2500	93	90 - 110	P	06/07/2025	03:40	LB136052
	Copper	1180	1250	94	90 - 110	P	06/07/2025	03:40	LB136052
	Iron	4870	5000	98	90 - 110	P	06/07/2025	03:40	LB136052
	Lead	4630	5000	92	90 - 110	P	06/07/2025	03:40	LB136052
	Magnesium	24500	25000	98	90 - 110	P	06/07/2025	03:40	LB136052
	Manganese	2530	2500	101	90 - 110	P	06/07/2025	03:40	LB136052
	Nickel	2330	2500	93	90 - 110	P	06/07/2025	03:40	LB136052
	Potassium	22700	25000	91	90 - 110	P	06/07/2025	03:40	LB136052
	Selenium	4350	5000	87	90 - 110	P	06/07/2025	03:40	LB136052
	Silver	1180	1250	95	90 - 110	P	06/07/2025	03:40	LB136052
	Sodium	23300	25000	93	90 - 110	P	06/07/2025	03:40	LB136052
	Thallium	4510	5000	90	90 - 110	P	06/07/2025	03:40	LB136052
	Vanadium	2470	2500	99	90 - 110	P	06/07/2025	03:40	LB136052
	Zinc	2300	2500	92	90 - 110	P	06/07/2025	03:40	LB136052

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2210

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2210 **SAS No.:** Q2210

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Aluminum	7520	8000	94	90 - 110	P	06/10/2025	14:37	LB136097
	Antimony	4020	4000	100	90 - 110	P	06/10/2025	14:37	LB136097
	Arsenic	3850	4000	96	90 - 110	P	06/10/2025	14:37	LB136097
	Barium	7450	8000	93	90 - 110	P	06/10/2025	14:37	LB136097
	Beryllium	198	200	99	90 - 110	P	06/10/2025	14:37	LB136097
	Cadmium	1920	2000	96	90 - 110	P	06/10/2025	14:37	LB136097
	Calcium	18500	20000	92	90 - 110	P	06/10/2025	14:37	LB136097
	Chromium	794	800	99	90 - 110	P	06/10/2025	14:37	LB136097
	Cobalt	1940	2000	97	90 - 110	P	06/10/2025	14:37	LB136097
	Copper	994	1000	99	90 - 110	P	06/10/2025	14:37	LB136097
	Iron	3770	4000	94	90 - 110	P	06/10/2025	14:37	LB136097
	Lead	3800	4000	95	90 - 110	P	06/10/2025	14:37	LB136097
	Magnesium	18700	20000	93	90 - 110	P	06/10/2025	14:37	LB136097
	Manganese	1860	2000	93	90 - 110	P	06/10/2025	14:37	LB136097
	Nickel	1930	2000	97	90 - 110	P	06/10/2025	14:37	LB136097
	Potassium	21800	20000	109	90 - 110	P	06/10/2025	14:37	LB136097
	Selenium	3880	4000	97	90 - 110	P	06/10/2025	14:37	LB136097
	Silver	978	1000	98	90 - 110	P	06/10/2025	14:37	LB136097
	Sodium	21900	20000	109	90 - 110	P	06/10/2025	14:37	LB136097
	Thallium	3740	4000	94	90 - 110	P	06/10/2025	14:37	LB136097
	Vanadium	1900	2000	95	90 - 110	P	06/10/2025	14:37	LB136097
	Zinc	1980	2000	99	90 - 110	P	06/10/2025	14:37	LB136097

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 2a -
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2210

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2210 **SAS No.:** Q2210

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Aluminum	110	100	110	80 - 120	P	06/10/2025	14:41	LB136097
	Antimony	55.0	50.0	110	80 - 120	P	06/10/2025	14:41	LB136097
	Arsenic	21.2	20.0	106	80 - 120	P	06/10/2025	14:41	LB136097
	Barium	101	100	101	80 - 120	P	06/10/2025	14:41	LB136097
	Beryllium	6.23	6.0	104	80 - 120	P	06/10/2025	14:41	LB136097
	Cadmium	6.31	6.0	105	80 - 120	P	06/10/2025	14:41	LB136097
	Calcium	2040	2000	102	80 - 120	P	06/10/2025	14:41	LB136097
	Chromium	10.8	10.0	108	80 - 120	P	06/10/2025	14:41	LB136097
	Cobalt	30.5	30.0	102	80 - 120	P	06/10/2025	14:41	LB136097
	Copper	22.6	20.0	113	80 - 120	P	06/10/2025	14:41	LB136097
	Iron	108	100	108	80 - 120	P	06/10/2025	14:41	LB136097
	Lead	12.8	12.0	107	80 - 120	P	06/10/2025	14:41	LB136097
	Magnesium	2030	2000	102	80 - 120	P	06/10/2025	14:41	LB136097
	Manganese	21.1	20.0	106	80 - 120	P	06/10/2025	14:41	LB136097
	Nickel	41.6	40.0	104	80 - 120	P	06/10/2025	14:41	LB136097
	Potassium	1960	2000	98	80 - 120	P	06/10/2025	14:41	LB136097
	Selenium	19.7	20.0	98	80 - 120	P	06/10/2025	14:41	LB136097
	Silver	10.5	10.0	105	80 - 120	P	06/10/2025	14:41	LB136097
	Sodium	1920	2000	96	80 - 120	P	06/10/2025	14:41	LB136097
	Thallium	41.3	40.0	103	80 - 120	P	06/10/2025	14:41	LB136097
	Vanadium	38.7	40.0	97	80 - 120	P	06/10/2025	14:41	LB136097
	Zinc	43.7	40.0	109	80 - 120	P	06/10/2025	14:41	LB136097

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 2a -
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2210

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2210 **SAS No.:** Q2210

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Aluminum	10100	10000	101	90 - 110	P	06/10/2025	15:30	LB136097
	Antimony	5060	5000	101	90 - 110	P	06/10/2025	15:30	LB136097
	Arsenic	5050	5000	101	90 - 110	P	06/10/2025	15:30	LB136097
	Barium	9840	10000	98	90 - 110	P	06/10/2025	15:30	LB136097
	Beryllium	262	250	105	90 - 110	P	06/10/2025	15:30	LB136097
	Cadmium	2510	2500	100	90 - 110	P	06/10/2025	15:30	LB136097
	Calcium	24900	25000	100	90 - 110	P	06/10/2025	15:30	LB136097
	Chromium	1030	1000	103	90 - 110	P	06/10/2025	15:30	LB136097
	Cobalt	2500	2500	100	90 - 110	P	06/10/2025	15:30	LB136097
	Copper	1270	1250	101	90 - 110	P	06/10/2025	15:30	LB136097
	Iron	4860	5000	97	90 - 110	P	06/10/2025	15:30	LB136097
	Lead	5030	5000	100	90 - 110	P	06/10/2025	15:30	LB136097
	Magnesium	25000	25000	100	90 - 110	P	06/10/2025	15:30	LB136097
	Manganese	2480	2500	99	90 - 110	P	06/10/2025	15:30	LB136097
	Nickel	2510	2500	100	90 - 110	P	06/10/2025	15:30	LB136097
	Potassium	24200	25000	97	90 - 110	P	06/10/2025	15:30	LB136097
	Selenium	5080	5000	102	90 - 110	P	06/10/2025	15:30	LB136097
	Silver	1270	1250	101	90 - 110	P	06/10/2025	15:30	LB136097
	Sodium	24100	25000	96	90 - 110	P	06/10/2025	15:30	LB136097
	Thallium	5100	5000	102	90 - 110	P	06/10/2025	15:30	LB136097
	Vanadium	2510	2500	100	90 - 110	P	06/10/2025	15:30	LB136097
	Zinc	2560	2500	102	90 - 110	P	06/10/2025	15:30	LB136097
CCV02	Aluminum	10000	10000	100	90 - 110	P	06/10/2025	16:28	LB136097
	Antimony	5040	5000	101	90 - 110	P	06/10/2025	16:28	LB136097
	Arsenic	5070	5000	101	90 - 110	P	06/10/2025	16:28	LB136097
	Barium	9830	10000	98	90 - 110	P	06/10/2025	16:28	LB136097
	Beryllium	261	250	104	90 - 110	P	06/10/2025	16:28	LB136097
	Cadmium	2540	2500	102	90 - 110	P	06/10/2025	16:28	LB136097
	Calcium	24900	25000	100	90 - 110	P	06/10/2025	16:28	LB136097
	Chromium	1030	1000	103	90 - 110	P	06/10/2025	16:28	LB136097
	Cobalt	2530	2500	101	90 - 110	P	06/10/2025	16:28	LB136097
	Copper	1280	1250	102	90 - 110	P	06/10/2025	16:28	LB136097
	Iron	4930	5000	99	90 - 110	P	06/10/2025	16:28	LB136097
	Lead	5070	5000	101	90 - 110	P	06/10/2025	16:28	LB136097

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 2a -
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2210

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2210 **SAS No.:** Q2210

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV02	Magnesium	25000	25000	100	90 - 110	P	06/10/2025	16:28	LB136097
	Manganese	2460	2500	98	90 - 110	P	06/10/2025	16:28	LB136097
	Nickel	2540	2500	101	90 - 110	P	06/10/2025	16:28	LB136097
	Potassium	24500	25000	98	90 - 110	P	06/10/2025	16:28	LB136097
	Selenium	5100	5000	102	90 - 110	P	06/10/2025	16:28	LB136097
	Silver	1270	1250	102	90 - 110	P	06/10/2025	16:28	LB136097
	Sodium	24400	25000	97	90 - 110	P	06/10/2025	16:28	LB136097
	Thallium	5070	5000	101	90 - 110	P	06/10/2025	16:28	LB136097
	Vanadium	2510	2500	100	90 - 110	P	06/10/2025	16:28	LB136097
	Zinc	2570	2500	103	90 - 110	P	06/10/2025	16:28	LB136097
CCV03	Aluminum	9930	10000	99	90 - 110	P	06/10/2025	17:36	LB136097
	Antimony	5110	5000	102	90 - 110	P	06/10/2025	17:36	LB136097
	Arsenic	5130	5000	103	90 - 110	P	06/10/2025	17:36	LB136097
	Barium	10200	10000	102	90 - 110	P	06/10/2025	17:36	LB136097
	Beryllium	243	250	97	90 - 110	P	06/10/2025	17:36	LB136097
	Cadmium	2540	2500	102	90 - 110	P	06/10/2025	17:36	LB136097
	Calcium	25000	25000	100	90 - 110	P	06/10/2025	17:36	LB136097
	Chromium	1030	1000	103	90 - 110	P	06/10/2025	17:36	LB136097
	Cobalt	2530	2500	101	90 - 110	P	06/10/2025	17:36	LB136097
	Copper	1280	1250	102	90 - 110	P	06/10/2025	17:36	LB136097
	Iron	5390	5000	108	90 - 110	P	06/10/2025	17:36	LB136097
	Lead	5080	5000	102	90 - 110	P	06/10/2025	17:36	LB136097
	Magnesium	24700	25000	99	90 - 110	P	06/10/2025	17:36	LB136097
	Manganese	2500	2500	100	90 - 110	P	06/10/2025	17:36	LB136097
	Nickel	2540	2500	102	90 - 110	P	06/10/2025	17:36	LB136097
	Potassium	26400	25000	105	90 - 110	P	06/10/2025	17:36	LB136097
	Selenium	5140	5000	103	90 - 110	P	06/10/2025	17:36	LB136097
	Silver	1280	1250	103	90 - 110	P	06/10/2025	17:36	LB136097
	Sodium	26700	25000	107	90 - 110	P	06/10/2025	17:36	LB136097
	Thallium	4990	5000	100	90 - 110	P	06/10/2025	17:36	LB136097
	Vanadium	2540	2500	101	90 - 110	P	06/10/2025	17:36	LB136097
	Zinc	2580	2500	103	90 - 110	P	06/10/2025	17:36	LB136097
CCV04	Aluminum	9910	10000	99	90 - 110	P	06/10/2025	18:28	LB136097
	Antimony	5130	5000	103	90 - 110	P	06/10/2025	18:28	LB136097

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 2a -
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2210

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2210 **SAS No.:** Q2210

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV04	Arsenic	5200	5000	104	90 - 110	P	06/10/2025	18:28	LB136097
	Barium	10300	10000	103	90 - 110	P	06/10/2025	18:28	LB136097
	Beryllium	246	250	99	90 - 110	P	06/10/2025	18:28	LB136097
	Cadmium	2580	2500	103	90 - 110	P	06/10/2025	18:28	LB136097
	Calcium	25200	25000	101	90 - 110	P	06/10/2025	18:28	LB136097
	Chromium	1050	1000	105	90 - 110	P	06/10/2025	18:28	LB136097
	Cobalt	2560	2500	102	90 - 110	P	06/10/2025	18:28	LB136097
	Copper	1290	1250	103	90 - 110	P	06/10/2025	18:28	LB136097
	Iron	5420	5000	108	90 - 110	P	06/10/2025	18:28	LB136097
	Lead	5160	5000	103	90 - 110	P	06/10/2025	18:28	LB136097
	Magnesium	24800	25000	99	90 - 110	P	06/10/2025	18:28	LB136097
	Manganese	2510	2500	100	90 - 110	P	06/10/2025	18:28	LB136097
	Nickel	2570	2500	103	90 - 110	P	06/10/2025	18:28	LB136097
	Potassium	25900	25000	104	90 - 110	P	06/10/2025	18:28	LB136097
	Selenium	5220	5000	104	90 - 110	P	06/10/2025	18:28	LB136097
	Silver	1290	1250	103	90 - 110	P	06/10/2025	18:28	LB136097
	Sodium	26000	25000	104	90 - 110	P	06/10/2025	18:28	LB136097
	Thallium	5110	5000	102	90 - 110	P	06/10/2025	18:28	LB136097
	Vanadium	2550	2500	102	90 - 110	P	06/10/2025	18:28	LB136097
	Zinc	2540	2500	101	90 - 110	P	06/10/2025	18:28	LB136097
CCV05	Aluminum	9840	10000	98	90 - 110	P	06/10/2025	19:18	LB136097
	Antimony	5120	5000	102	90 - 110	P	06/10/2025	19:18	LB136097
	Arsenic	5170	5000	103	90 - 110	P	06/10/2025	19:18	LB136097
	Barium	10200	10000	102	90 - 110	P	06/10/2025	19:18	LB136097
	Beryllium	243	250	97	90 - 110	P	06/10/2025	19:18	LB136097
	Cadmium	2550	2500	102	90 - 110	P	06/10/2025	19:18	LB136097
	Calcium	24900	25000	100	90 - 110	P	06/10/2025	19:18	LB136097
	Chromium	1030	1000	103	90 - 110	P	06/10/2025	19:18	LB136097
	Cobalt	2530	2500	101	90 - 110	P	06/10/2025	19:18	LB136097
	Copper	1270	1250	102	90 - 110	P	06/10/2025	19:18	LB136097
	Iron	5340	5000	107	90 - 110	P	06/10/2025	19:18	LB136097
	Lead	5090	5000	102	90 - 110	P	06/10/2025	19:18	LB136097
	Magnesium	24400	25000	98	90 - 110	P	06/10/2025	19:18	LB136097
	Manganese	2490	2500	100	90 - 110	P	06/10/2025	19:18	LB136097

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2210

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2210 **SAS No.:** Q2210

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV05	Nickel	2540	2500	102	90 - 110	P	06/10/2025	19:18	LB136097
	Potassium	25200	25000	101	90 - 110	P	06/10/2025	19:18	LB136097
	Selenium	5190	5000	104	90 - 110	P	06/10/2025	19:18	LB136097
	Silver	1260	1250	101	90 - 110	P	06/10/2025	19:18	LB136097
	Sodium	25200	25000	101	90 - 110	P	06/10/2025	19:18	LB136097
	Thallium	5000	5000	100	90 - 110	P	06/10/2025	19:18	LB136097
	Vanadium	2540	2500	102	90 - 110	P	06/10/2025	19:18	LB136097
	Zinc	2510	2500	100	90 - 110	P	06/10/2025	19:18	LB136097
CCV06	Aluminum	10100	10000	100	90 - 110	P	06/10/2025	20:09	LB136097
	Antimony	5120	5000	102	90 - 110	P	06/10/2025	20:09	LB136097
	Arsenic	5160	5000	103	90 - 110	P	06/10/2025	20:09	LB136097
	Barium	9960	10000	100	90 - 110	P	06/10/2025	20:09	LB136097
	Beryllium	262	250	105	90 - 110	P	06/10/2025	20:09	LB136097
	Cadmium	2550	2500	102	90 - 110	P	06/10/2025	20:09	LB136097
	Calcium	25100	25000	100	90 - 110	P	06/10/2025	20:09	LB136097
	Chromium	1050	1000	105	90 - 110	P	06/10/2025	20:09	LB136097
	Cobalt	2540	2500	102	90 - 110	P	06/10/2025	20:09	LB136097
	Copper	1270	1250	102	90 - 110	P	06/10/2025	20:09	LB136097
	Iron	5150	5000	103	90 - 110	P	06/10/2025	20:09	LB136097
	Lead	5110	5000	102	90 - 110	P	06/10/2025	20:09	LB136097
	Magnesium	25000	25000	100	90 - 110	P	06/10/2025	20:09	LB136097
	Manganese	2500	2500	100	90 - 110	P	06/10/2025	20:09	LB136097
	Nickel	2550	2500	102	90 - 110	P	06/10/2025	20:09	LB136097
	Potassium	24100	25000	96	90 - 110	P	06/10/2025	20:09	LB136097
	Selenium	5190	5000	104	90 - 110	P	06/10/2025	20:09	LB136097
	Silver	1290	1250	103	90 - 110	P	06/10/2025	20:09	LB136097
	Sodium	23800	25000	95	90 - 110	P	06/10/2025	20:09	LB136097
	Thallium	5010	5000	100	90 - 110	P	06/10/2025	20:09	LB136097
	Vanadium	2560	2500	102	90 - 110	P	06/10/2025	20:09	LB136097
	Zinc	2570	2500	103	90 - 110	P	06/10/2025	20:09	LB136097
CCV07	Aluminum	10100	10000	101	90 - 110	P	06/10/2025	21:04	LB136097
	Antimony	5160	5000	103	90 - 110	P	06/10/2025	21:04	LB136097
	Arsenic	5230	5000	104	90 - 110	P	06/10/2025	21:04	LB136097
	Barium	10100	10000	101	90 - 110	P	06/10/2025	21:04	LB136097

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 2a -
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2210

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2210 **SAS No.:** Q2210

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV07	Beryllium	261	250	104	90 - 110	P	06/10/2025	21:04	LB136097
	Cadmium	2600	2500	104	90 - 110	P	06/10/2025	21:04	LB136097
	Calcium	25600	25000	102	90 - 110	P	06/10/2025	21:04	LB136097
	Chromium	1050	1000	105	90 - 110	P	06/10/2025	21:04	LB136097
	Cobalt	2590	2500	103	90 - 110	P	06/10/2025	21:04	LB136097
	Copper	1270	1250	102	90 - 110	P	06/10/2025	21:04	LB136097
	Iron	5190	5000	104	90 - 110	P	06/10/2025	21:04	LB136097
	Lead	5210	5000	104	90 - 110	P	06/10/2025	21:04	LB136097
	Magnesium	25400	25000	102	90 - 110	P	06/10/2025	21:04	LB136097
	Manganese	2550	2500	102	90 - 110	P	06/10/2025	21:04	LB136097
	Nickel	2590	2500	104	90 - 110	P	06/10/2025	21:04	LB136097
	Potassium	23600	25000	94	90 - 110	P	06/10/2025	21:04	LB136097
	Selenium	5230	5000	105	90 - 110	P	06/10/2025	21:04	LB136097
	Silver	1280	1250	102	90 - 110	P	06/10/2025	21:04	LB136097
	Sodium	23500	25000	94	90 - 110	P	06/10/2025	21:04	LB136097
	Thallium	5090	5000	102	90 - 110	P	06/10/2025	21:04	LB136097
	Vanadium	2590	2500	104	90 - 110	P	06/10/2025	21:04	LB136097
	Zinc	2540	2500	102	90 - 110	P	06/10/2025	21:04	LB136097
CCV08	Aluminum	10100	10000	101	90 - 110	P	06/10/2025	22:04	LB136097
	Antimony	5200	5000	104	90 - 110	P	06/10/2025	22:04	LB136097
	Arsenic	5240	5000	105	90 - 110	P	06/10/2025	22:04	LB136097
	Barium	10100	10000	101	90 - 110	P	06/10/2025	22:04	LB136097
	Beryllium	262	250	105	90 - 110	P	06/10/2025	22:04	LB136097
	Cadmium	2550	2500	102	90 - 110	P	06/10/2025	22:04	LB136097
	Calcium	25400	25000	101	90 - 110	P	06/10/2025	22:04	LB136097
	Chromium	1050	1000	105	90 - 110	P	06/10/2025	22:04	LB136097
	Cobalt	2560	2500	102	90 - 110	P	06/10/2025	22:04	LB136097
	Copper	1280	1250	103	90 - 110	P	06/10/2025	22:04	LB136097
	Iron	5140	5000	103	90 - 110	P	06/10/2025	22:04	LB136097
	Lead	5130	5000	102	90 - 110	P	06/10/2025	22:04	LB136097
	Magnesium	25300	25000	101	90 - 110	P	06/10/2025	22:04	LB136097
	Manganese	2540	2500	102	90 - 110	P	06/10/2025	22:04	LB136097
	Nickel	2560	2500	103	90 - 110	P	06/10/2025	22:04	LB136097
	Potassium	23500	25000	94	90 - 110	P	06/10/2025	22:04	LB136097

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 2a -
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2210

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2210 **SAS No.:** Q2210

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV08	Selenium	5280	5000	106	90 - 110	P	06/10/2025	22:04	LB136097
	Silver	1280	1250	102	90 - 110	P	06/10/2025	22:04	LB136097
	Sodium	23400	25000	94	90 - 110	P	06/10/2025	22:04	LB136097
	Thallium	5010	5000	100	90 - 110	P	06/10/2025	22:04	LB136097
	Vanadium	2580	2500	103	90 - 110	P	06/10/2025	22:04	LB136097
	Zinc	2550	2500	102	90 - 110	P	06/10/2025	22:04	LB136097
CCV09	Aluminum	10000	10000	100	90 - 110	P	06/10/2025	22:56	LB136097
	Antimony	5110	5000	102	90 - 110	P	06/10/2025	22:56	LB136097
	Arsenic	5150	5000	103	90 - 110	P	06/10/2025	22:56	LB136097
	Barium	10100	10000	101	90 - 110	P	06/10/2025	22:56	LB136097
	Beryllium	260	250	104	90 - 110	P	06/10/2025	22:56	LB136097
	Cadmium	2550	2500	102	90 - 110	P	06/10/2025	22:56	LB136097
	Calcium	25100	25000	101	90 - 110	P	06/10/2025	22:56	LB136097
	Chromium	1050	1000	105	90 - 110	P	06/10/2025	22:56	LB136097
	Cobalt	2550	2500	102	90 - 110	P	06/10/2025	22:56	LB136097
	Copper	1270	1250	102	90 - 110	P	06/10/2025	22:56	LB136097
	Iron	5160	5000	103	90 - 110	P	06/10/2025	22:56	LB136097
	Lead	5100	5000	102	90 - 110	P	06/10/2025	22:56	LB136097
	Magnesium	25000	25000	100	90 - 110	P	06/10/2025	22:56	LB136097
	Manganese	2510	2500	100	90 - 110	P	06/10/2025	22:56	LB136097
	Nickel	2560	2500	102	90 - 110	P	06/10/2025	22:56	LB136097
	Potassium	24100	25000	96	90 - 110	P	06/10/2025	22:56	LB136097
	Selenium	5180	5000	104	90 - 110	P	06/10/2025	22:56	LB136097
	Silver	1290	1250	103	90 - 110	P	06/10/2025	22:56	LB136097
	Sodium	23900	25000	96	90 - 110	P	06/10/2025	22:56	LB136097
	Thallium	5020	5000	100	90 - 110	P	06/10/2025	22:56	LB136097
	Vanadium	2540	2500	102	90 - 110	P	06/10/2025	22:56	LB136097
	Zinc	2580	2500	103	90 - 110	P	06/10/2025	22:56	LB136097
CCV10	Aluminum	10200	10000	102	90 - 110	P	06/10/2025	23:57	LB136097
	Antimony	5170	5000	103	90 - 110	P	06/10/2025	23:57	LB136097
	Arsenic	5180	5000	104	90 - 110	P	06/10/2025	23:57	LB136097
	Barium	10000	10000	100	90 - 110	P	06/10/2025	23:57	LB136097
	Beryllium	264	250	106	90 - 110	P	06/10/2025	23:57	LB136097
	Cadmium	2540	2500	102	90 - 110	P	06/10/2025	23:57	LB136097

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 2a -
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2210

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2210 **SAS No.:** Q2210

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV10	Calcium	25400	25000	102	90 - 110	P	06/10/2025	23:57	LB136097
	Chromium	1060	1000	106	90 - 110	P	06/10/2025	23:57	LB136097
	Cobalt	2550	2500	102	90 - 110	P	06/10/2025	23:57	LB136097
	Copper	1280	1250	102	90 - 110	P	06/10/2025	23:57	LB136097
	Iron	5200	5000	104	90 - 110	P	06/10/2025	23:57	LB136097
	Lead	5100	5000	102	90 - 110	P	06/10/2025	23:57	LB136097
	Magnesium	25400	25000	102	90 - 110	P	06/10/2025	23:57	LB136097
	Manganese	2530	2500	101	90 - 110	P	06/10/2025	23:57	LB136097
	Nickel	2560	2500	102	90 - 110	P	06/10/2025	23:57	LB136097
	Potassium	24000	25000	96	90 - 110	P	06/10/2025	23:57	LB136097
	Selenium	5230	5000	105	90 - 110	P	06/10/2025	23:57	LB136097
	Silver	1310	1250	104	90 - 110	P	06/10/2025	23:57	LB136097
	Sodium	23600	25000	94	90 - 110	P	06/10/2025	23:57	LB136097
	Thallium	4940	5000	99	90 - 110	P	06/10/2025	23:57	LB136097
	Vanadium	2570	2500	103	90 - 110	P	06/10/2025	23:57	LB136097
	Zinc	2630	2500	105	90 - 110	P	06/10/2025	23:57	LB136097
CCV11	Aluminum	10200	10000	102	90 - 110	P	06/11/2025	01:35	LB136097
	Antimony	5240	5000	105	90 - 110	P	06/11/2025	01:35	LB136097
	Arsenic	5280	5000	106	90 - 110	P	06/11/2025	01:35	LB136097
	Barium	10100	10000	101	90 - 110	P	06/11/2025	01:35	LB136097
	Beryllium	259	250	104	90 - 110	P	06/11/2025	01:35	LB136097
	Cadmium	2570	2500	103	90 - 110	P	06/11/2025	01:35	LB136097
	Calcium	25100	25000	100	90 - 110	P	06/11/2025	01:35	LB136097
	Chromium	1040	1000	104	90 - 110	P	06/11/2025	01:35	LB136097
	Cobalt	2580	2500	103	90 - 110	P	06/11/2025	01:35	LB136097
	Copper	1290	1250	103	90 - 110	P	06/11/2025	01:35	LB136097
	Iron	5060	5000	101	90 - 110	P	06/11/2025	01:35	LB136097
	Lead	5160	5000	103	90 - 110	P	06/11/2025	01:35	LB136097
	Magnesium	24900	25000	100	90 - 110	P	06/11/2025	01:35	LB136097
	Manganese	2520	2500	101	90 - 110	P	06/11/2025	01:35	LB136097
	Nickel	2590	2500	104	90 - 110	P	06/11/2025	01:35	LB136097
	Potassium	23800	25000	95	90 - 110	P	06/11/2025	01:35	LB136097
	Selenium	5320	5000	106	90 - 110	P	06/11/2025	01:35	LB136097
	Silver	1280	1250	103	90 - 110	P	06/11/2025	01:35	LB136097

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: G Environmental **SDG No.:** Q2210

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2210 **SAS No.:** Q2210

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV11	Sodium	23700	25000	95	90 - 110	P	06/11/2025	01:35	LB136097
	Thallium	4950	5000	99	90 - 110	P	06/11/2025	01:35	LB136097
	Vanadium	2560	2500	102	90 - 110	P	06/11/2025	01:35	LB136097
	Zinc	2600	2500	104	90 - 110	P	06/11/2025	01:35	LB136097
CCV12	Aluminum	10200	10000	102	90 - 110	P	06/11/2025	02:21	LB136097
	Antimony	4840	5000	97	90 - 110	P	06/11/2025	02:21	LB136097
	Arsenic	4850	5000	97	90 - 110	P	06/11/2025	02:21	LB136097
	Barium	10000	10000	100	90 - 110	P	06/11/2025	02:21	LB136097
	Beryllium	264	250	105	90 - 110	P	06/11/2025	02:21	LB136097
	Cadmium	2400	2500	96	90 - 110	P	06/11/2025	02:21	LB136097
	Calcium	24900	25000	99	90 - 110	P	06/11/2025	02:21	LB136097
	Chromium	1030	1000	103	90 - 110	P	06/11/2025	02:21	LB136097
	Cobalt	2420	2500	97	90 - 110	P	06/11/2025	02:21	LB136097
	Copper	1200	1250	96	90 - 110	P	06/11/2025	02:21	LB136097
	Iron	4930	5000	99	90 - 110	P	06/11/2025	02:21	LB136097
	Lead	4810	5000	96	90 - 110	P	06/11/2025	02:21	LB136097
	Magnesium	24900	25000	100	90 - 110	P	06/11/2025	02:21	LB136097
	Manganese	2490	2500	100	90 - 110	P	06/11/2025	02:21	LB136097
	Nickel	2420	2500	97	90 - 110	P	06/11/2025	02:21	LB136097
	Potassium	23100	25000	92	90 - 110	P	06/11/2025	02:21	LB136097
	Selenium	4880	5000	98	90 - 110	P	06/11/2025	02:21	LB136097
	Silver	1280	1250	102	90 - 110	P	06/11/2025	02:21	LB136097
	Sodium	22800	25000	91	90 - 110	P	06/11/2025	02:21	LB136097
	Thallium	4660	5000	93	90 - 110	P	06/11/2025	02:21	LB136097
	Vanadium	2530	2500	101	90 - 110	P	06/11/2025	02:21	LB136097
	Zinc	2590	2500	104	90 - 110	P	06/11/2025	02:21	LB136097

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 2b -
CRDL STANDARD FOR AA & ICP

Client: G Environmental **SDG No.:** Q2210

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2210 **SAS No.:** Q2210

Initial Calibration Source:

Continuing Calibration Source:

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRA	Mercury	0.21	0.2	107	70 - 130	CV	06/06/2025	10:12	LB136036
CRI01	Aluminum	104	100	104	65 - 135	P	06/06/2025	13:37	LB136052
	Antimony	48.7	50.0	97	65 - 135	P	06/06/2025	13:37	LB136052
	Arsenic	21.3	20.0	107	65 - 135	P	06/06/2025	13:37	LB136052
	Barium	91.8	100	92	65 - 135	P	06/06/2025	13:37	LB136052
	Beryllium	5.67	6.0	94	65 - 135	P	06/06/2025	13:37	LB136052
	Cadmium	5.92	6.0	99	65 - 135	P	06/06/2025	13:37	LB136052
	Calcium	1900	2000	95	65 - 135	P	06/06/2025	13:37	LB136052
	Chromium	9.75	10.0	98	65 - 135	P	06/06/2025	13:37	LB136052
	Cobalt	29.5	30.0	98	65 - 135	P	06/06/2025	13:37	LB136052
	Copper	20.8	20.0	104	65 - 135	P	06/06/2025	13:37	LB136052
	Iron	112	100	112	65 - 135	P	06/06/2025	13:37	LB136052
	Lead	13.8	12.0	115	65 - 135	P	06/06/2025	13:37	LB136052
	Magnesium	1930	2000	96	65 - 135	P	06/06/2025	13:37	LB136052
	Manganese	18.7	20.0	93	65 - 135	P	06/06/2025	13:37	LB136052
	Nickel	39.5	40.0	99	65 - 135	P	06/06/2025	13:37	LB136052
	Potassium	2490	2000	124	65 - 135	P	06/06/2025	13:37	LB136052
	Selenium	19.7	20.0	98	65 - 135	P	06/06/2025	13:37	LB136052
	Silver	10.1	10.0	101	65 - 135	P	06/06/2025	13:37	LB136052
	Sodium	1800	2000	90	65 - 135	P	06/06/2025	13:37	LB136052
	Thallium	39.1	40.0	98	65 - 135	P	06/06/2025	13:37	LB136052
	Vanadium	36.5	40.0	91	65 - 135	P	06/06/2025	13:37	LB136052
	Zinc	45.4	40.0	113	65 - 135	P	06/06/2025	13:37	LB136052
CRI01	Aluminum	105	100	105	65 - 135	P	06/10/2025	14:50	LB136097
	Antimony	53.3	50.0	107	65 - 135	P	06/10/2025	14:50	LB136097
	Arsenic	22.9	20.0	114	65 - 135	P	06/10/2025	14:50	LB136097
	Barium	98.7	100	99	65 - 135	P	06/10/2025	14:50	LB136097
	Beryllium	6.22	6.0	104	65 - 135	P	06/10/2025	14:50	LB136097
	Cadmium	6.07	6.0	101	65 - 135	P	06/10/2025	14:50	LB136097
	Calcium	2030	2000	102	65 - 135	P	06/10/2025	14:50	LB136097
	Chromium	10.7	10.0	107	65 - 135	P	06/10/2025	14:50	LB136097
	Cobalt	30.4	30.0	102	65 - 135	P	06/10/2025	14:50	LB136097
	Copper	22.7	20.0	114	65 - 135	P	06/10/2025	14:50	LB136097
	Iron	111	100	111	65 - 135	P	06/10/2025	14:50	LB136097
	Lead	13.4	12.0	112	65 - 135	P	06/10/2025	14:50	LB136097

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 2b -

CRDL STANDARD FOR AA & ICP

Client: G Environmental **SDG No.:** Q2210

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2210 **SAS No.:** Q2210

Initial Calibration Source:

Continuing Calibration Source:

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CRI01	Magnesium	2040	2000	102	65 - 135	P	06/10/2025	14:50	LB136097
	Manganese	21.0	20.0	105	65 - 135	P	06/10/2025	14:50	LB136097
	Nickel	40.8	40.0	102	65 - 135	P	06/10/2025	14:50	LB136097
	Potassium	1990	2000	99	65 - 135	P	06/10/2025	14:50	LB136097
	Selenium	19.5	20.0	98	65 - 135	P	06/10/2025	14:50	LB136097
	Silver	10.6	10.0	106	65 - 135	P	06/10/2025	14:50	LB136097
	Sodium	1890	2000	95	65 - 135	P	06/10/2025	14:50	LB136097
	Thallium	40.8	40.0	102	65 - 135	P	06/10/2025	14:50	LB136097
	Vanadium	39.1	40.0	98	65 - 135	P	06/10/2025	14:50	LB136097
	Zinc	44.1	40.0	110	65 - 135	P	06/10/2025	14:50	LB136097

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: G Environmental **SDG No.:** Q2210

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2210 **SAS No.:** Q2210

ICS Source: EPA **Instrument ID:** P4

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSA01	Aluminum	245000	255000	96	216000	294000	06/06/2025	13:42	LB136052
	Antimony	-6.04			-50	50	06/06/2025	13:42	LB136052
	Arsenic	4.57			-20	20	06/06/2025	13:42	LB136052
	Barium	1.92	6.0	32	-94	106	06/06/2025	13:42	LB136052
	Beryllium	1.00			-6	6	06/06/2025	13:42	LB136052
	Cadmium	2.20	1.0	220	-5	7	06/06/2025	13:42	LB136052
	Calcium	223000	245000	91	208000	282000	06/06/2025	13:42	LB136052
	Chromium	45.0	52.0	86	42	62	06/06/2025	13:42	LB136052
	Cobalt	1.09			-30	30	06/06/2025	13:42	LB136052
	Copper	-6.16	2.0	308	-18	22	06/06/2025	13:42	LB136052
	Iron	90700	101000	90	85600	116500	06/06/2025	13:42	LB136052
	Lead	2.11			-12	12	06/06/2025	13:42	LB136052
	Magnesium	242000	255000	95	216000	294000	06/06/2025	13:42	LB136052
	Manganese	1.75	7.0	25	-13	27	06/06/2025	13:42	LB136052
	Nickel	2.48	2.0	124	-38	42	06/06/2025	13:42	LB136052
	Potassium	60.4			0	0	06/06/2025	13:42	LB136052
	Selenium	0.16			-20	20	06/06/2025	13:42	LB136052
	Silver	0.046			-10	10	06/06/2025	13:42	LB136052
	Sodium	9.24			0	0	06/06/2025	13:42	LB136052
	Thallium	-2.69			-40	40	06/06/2025	13:42	LB136052
	Vanadium	5.24			-40	40	06/06/2025	13:42	LB136052
	Zinc	4.89			-40	40	06/06/2025	13:42	LB136052
ICSAB01	Aluminum	250000	247000	101	209000	285000	06/06/2025	13:46	LB136052
	Antimony	617	618	100	525	711	06/06/2025	13:46	LB136052
	Arsenic	106	104	102	88.4	120	06/06/2025	13:46	LB136052
	Barium	477	537	89	437	637	06/06/2025	13:46	LB136052
	Beryllium	459	495	93	420	570	06/06/2025	13:46	LB136052
	Cadmium	970	972	100	826	1120	06/06/2025	13:46	LB136052
	Calcium	230000	235000	98	199000	271000	06/06/2025	13:46	LB136052
	Chromium	545	542	101	460	624	06/06/2025	13:46	LB136052
	Cobalt	492	476	103	404	548	06/06/2025	13:46	LB136052
	Copper	482	511	94	434	588	06/06/2025	13:46	LB136052
	Iron	104000	99300	105	84400	114500	06/06/2025	13:46	LB136052
	Lead	47.1	49.0	96	37	61	06/06/2025	13:46	LB136052
	Magnesium	246000	248000	99	210000	286000	06/06/2025	13:46	LB136052
	Manganese	461	507	91	430	584	06/06/2025	13:46	LB136052
	Nickel	972	954	102	810	1100	06/06/2025	13:46	LB136052
	Potassium	73.7			0	0	06/06/2025	13:46	LB136052
	Selenium	42.7	46.0	93	26	66	06/06/2025	13:46	LB136052
	Silver	213	201	106	170	232	06/06/2025	13:46	LB136052
	Sodium	5.90			0	0	06/06/2025	13:46	LB136052
	Thallium	93.8	108	87	68	148	06/06/2025	13:46	LB136052

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: G Environmental **SDG No.:** Q2210

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2210 **SAS No.:** Q2210

ICS Source: EPA **Instrument ID:** P4

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSAB01	Vanadium	464	491	94	417	565	06/06/2025	13:46	LB136052
	Zinc	1030	952	108	809	1095	06/06/2025	13:46	LB136052
ICSA01	Aluminum	256000	255000	100	216000	294000	06/10/2025	14:54	LB136097
	Antimony	-2.43			-50	50	06/10/2025	14:54	LB136097
	Arsenic	8.34			-20	20	06/10/2025	14:54	LB136097
	Barium	2.84	6.0	47	-94	106	06/10/2025	14:54	LB136097
	Beryllium	1.10			-6	6	06/10/2025	14:54	LB136097
	Cadmium	4.20	1.0	420	-5	7	06/10/2025	14:54	LB136097
	Calcium	239000	245000	98	208000	282000	06/10/2025	14:54	LB136097
	Chromium	47.4	52.0	91	42	62	06/10/2025	14:54	LB136097
	Cobalt	1.54			-30	30	06/10/2025	14:54	LB136097
	Copper	3.36	2.0	168	-18	22	06/10/2025	14:54	LB136097
	Iron	97000	101000	96	85600	116500	06/10/2025	14:54	LB136097
	Lead	-3.62			-12	12	06/10/2025	14:54	LB136097
	Magnesium	261000	255000	102	216000	294000	06/10/2025	14:54	LB136097
	Manganese	0.37	7.0	5	-13	27	06/10/2025	14:54	LB136097
	Nickel	2.57	2.0	128	-38	42	06/10/2025	14:54	LB136097
	Potassium	-7.55			0	0	06/10/2025	14:54	LB136097
	Selenium	-3.79			-20	20	06/10/2025	14:54	LB136097
	Silver	-2.86			-10	10	06/10/2025	14:54	LB136097
	Sodium	-38.2			0	0	06/10/2025	14:54	LB136097
	Thallium	-8.11			-40	40	06/10/2025	14:54	LB136097
	Vanadium	2.60			-40	40	06/10/2025	14:54	LB136097
	Zinc	6.32			-40	40	06/10/2025	14:54	LB136097
ICSAB01	Aluminum	245000	247000	99	209000	285000	06/10/2025	15:18	LB136097
	Antimony	633	618	102	525	711	06/10/2025	15:18	LB136097
	Arsenic	112	104	108	88.4	120	06/10/2025	15:18	LB136097
	Barium	510	537	95	437	637	06/10/2025	15:18	LB136097
	Beryllium	485	495	98	420	570	06/10/2025	15:18	LB136097
	Cadmium	1010	972	104	826	1120	06/10/2025	15:18	LB136097
	Calcium	230000	235000	98	199000	271000	06/10/2025	15:18	LB136097
	Chromium	549	542	101	460	624	06/10/2025	15:18	LB136097
	Cobalt	508	476	107	404	548	06/10/2025	15:18	LB136097
	Copper	496	511	97	434	588	06/10/2025	15:18	LB136097
	Iron	99000	99300	100	84400	114500	06/10/2025	15:18	LB136097
	Lead	43.7	49.0	89	37	61	06/10/2025	15:18	LB136097
	Magnesium	248000	248000	100	210000	286000	06/10/2025	15:18	LB136097
	Manganese	485	507	96	430	584	06/10/2025	15:18	LB136097
	Nickel	999	954	105	810	1100	06/10/2025	15:18	LB136097
	Potassium	-8.47			0	0	06/10/2025	15:18	LB136097
	Selenium	55.8	46.0	121	26	66	06/10/2025	15:18	LB136097
	Silver	193	201	96	170	232	06/10/2025	15:18	LB136097

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: G Environmental **SDG No.:** Q2210

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2210 **SAS No.:** Q2210

ICS Source: EPA **Instrument ID:** P4

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSAB01	Sodium	-49.9			0	0	06/10/2025	15:18	LB136097
	Thallium	92.5	108	86	68	148	06/10/2025	15:18	LB136097
	Vanadium	489	491	100	417	565	06/10/2025	15:18	LB136097
	Zinc	1070	952	112	809	1095	06/10/2025	15:18	LB136097

METAL QC DATA

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

metals
- 5a -
MATRIX SPIKE SUMMARY

client: G Environmental **level:** low **sdg no.:** Q2210

contract: GENV01 **lab code:** CHEM **case no.:** Q2210 **sas no.:** Q2210

matrix: Water **sample id:** Q2197-05 **client id:** DSN003MS

Percent Solids for Sample: NA **Spiked ID:** Q2197-05MS **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	ug/L	75 - 125	1060		52.9		1000	101		P
Antimony	ug/L	75 - 125	433		25.0	U	400	108		P
Arsenic	ug/L	75 - 125	434		10.0	U	400	108		P
Barium	ug/L	75 - 125	184		85.7		100	98		P
Beryllium	ug/L	75 - 125	101		3.00	U	100	101		P
Cadmium	ug/L	75 - 125	102		3.00	U	100	102		P
Calcium	ug/L	75 - 125	58600		57800		500	167		P
Chromium	ug/L	75 - 125	208		2.00	J	200	103		P
Cobalt	ug/L	75 - 125	103		15.0	U	100	103		P
Copper	ug/L	75 - 125	159		5.15	J	150	102		P
Iron	ug/L	75 - 125	1650		147		1500	100		P
Lead	ug/L	75 - 125	480		6.00	U	500	96		P
Magnesium	ug/L	75 - 125	16400		15100		1000	127		P
Manganese	ug/L	75 - 125	246		149		100	97		P
Nickel	ug/L	75 - 125	266		10.1	J	250	102		P
Potassium	ug/L	75 - 125	18400		13700		5000	94		P
Selenium	ug/L	75 - 125	1050		10.0	U	1000	105		P
Silver	ug/L	75 - 125	34.5		5.00	U	37.5	92		P
Sodium	ug/L	75 - 125	143000		152000		1500	-601		P
Thallium	ug/L	75 - 125	921		20.0	U	1000	92		P
Vanadium	ug/L	75 - 125	154		20.0	U	150	103		P
Zinc	ug/L	75 - 125	182		73.5		100	108		P

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: G Environmental **level:** low **sdg no.:** Q2210

contract: GENV01 **lab code:** CHEM **case no.:** Q2210 **sas no.:** Q2210

matrix: Water **sample id:** Q2197-05 **client id:** DSN003MSD

Percent Solids for Sample: NA **Spiked ID:** Q2197-05MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Aluminum	ug/L	75 - 125	1110		52.9		1000	106		P
Antimony	ug/L	75 - 125	454		25.0	U	400	114		P
Arsenic	ug/L	75 - 125	451		10.0	U	400	113		P
Barium	ug/L	75 - 125	196		85.7		100	111		P
Beryllium	ug/L	75 - 125	102		3.00	U	100	102		P
Cadmium	ug/L	75 - 125	105		3.00	U	100	105		P
Calcium	ug/L	75 - 125	61600		57800		500	754		P
Chromium	ug/L	75 - 125	216		2.00	J	200	107		P
Cobalt	ug/L	75 - 125	106		15.0	U	100	106		P
Copper	ug/L	75 - 125	164		5.15	J	150	106		P
Iron	ug/L	75 - 125	1790		147		1500	110		P
Lead	ug/L	75 - 125	493		6.00	U	500	99		P
Magnesium	ug/L	75 - 125	17000		15100		1000	190		P
Manganese	ug/L	75 - 125	260		149		100	111		P
Nickel	ug/L	75 - 125	273		10.1	J	250	105		P
Potassium	ug/L	75 - 125	20200		13700		5000	130	N	P
Selenium	ug/L	75 - 125	1090		10.0	U	1000	109		P
Silver	ug/L	75 - 125	36.9		5.00	U	37.5	98		P
Sodium	ug/L	75 - 125	158000		152000		1500	418		P
Thallium	ug/L	75 - 125	937		20.0	U	1000	94		P
Vanadium	ug/L	75 - 125	160		20.0	U	150	107		P
Zinc	ug/L	75 - 125	192		73.5		100	118		P

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

metals
- 5a -
MATRIX SPIKE SUMMARY

client: G Environmental **level:** low **sdg no.:** Q2210

contract: GENV01 **lab code:** CHEM **case no.:** Q2210 **sas no.:** Q2210

matrix: Water **sample id:** Q2216-02 **client id:** 3887MS

Percent Solids for Sample: NA **Spiked ID:** Q2216-02MS **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	ug/L	75 - 125	4.16		0.20	U	4.0	104		CV

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: G Environmental **level:** low **sdg no.:** Q2210

contract: GENV01 **lab code:** CHEM **case no.:** Q2210 **sas no.:** Q2210

matrix: Water **sample id:** Q2216-02 **client id:** 3887MSD

Percent Solids for Sample: NA **Spiked ID:** Q2216-02MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Mercury	ug/L	75 - 125	3.65		0.20	U	4.0	91		CV

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals
- 5b -
POST DIGEST SPIKE SUMMARY

Client: G Environmental **SDG No.:** Q2210

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2210 **SAS No.:** Q2210

Matrix: Water **Level:** LOW **Client ID:** DSN003A

Sample ID: Q2197-05 **Spiked ID:** Q2197-05A

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Potassium	ug/L	75 - 125	18300		13700		5000	92		P

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: G Environmental **Level:** LOW **SDG No.:** Q2210

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2210 **SAS No.:** Q2210

Matrix: Water **Sample ID:** Q2197-05 **Client ID:** DSN003DUP

Percent Solids for Sample: NA **Duplicate ID** Q2197-05DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	ug/L	20	52.9		54.3		3		P
Antimony	ug/L	20	25.0	U	25.0	U			P
Arsenic	ug/L	20	10.0	U	10.0	U			P
Barium	ug/L	20	85.7		85.0		1		P
Beryllium	ug/L	20	3.00	U	3.00	U			P
Cadmium	ug/L	20	3.00	U	3.00	U			P
Calcium	ug/L	20	57800		56800		2		P
Chromium	ug/L	20	2.00	J	2.01	J	0		P
Cobalt	ug/L	20	15.0	U	15.0	U			P
Copper	ug/L	20	5.15	J	5.24	J	2		P
Iron	ug/L	20	147		160		8		P
Lead	ug/L	20	6.00	U	6.00	U			P
Magnesium	ug/L	20	15100		14800		2		P
Manganese	ug/L	20	149		244		48	*	P
Nickel	ug/L	20	10.1	J	10.9	J	7		P
Potassium	ug/L	20	13700		13600		1		P
Selenium	ug/L	20	10.0	U	10.0	U			P
Silver	ug/L	20	5.00	U	5.00	U			P
Sodium	ug/L	20	152000		152000		0		P
Thallium	ug/L	20	20.0	U	20.0	U			P
Vanadium	ug/L	20	20.0	U	20.0	U			P
Zinc	ug/L	20	73.5		74.5		1		P

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: G Environmental **Level:** LOW **SDG No.:** Q2210

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2210 **SAS No.:** Q2210

Matrix: Water **Sample ID:** Q2197-05MS **Client ID:** DSN003MSD

Percent Solids for Sample: NA **Duplicate ID** Q2197-05MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Aluminum	ug/L	20	1060		1110		5		P
Antimony	ug/L	20	433		454		5		P
Arsenic	ug/L	20	434		451		4		P
Barium	ug/L	20	184		196		6		P
Beryllium	ug/L	20	101		102		1		P
Cadmium	ug/L	20	102		105		3		P
Calcium	ug/L	20	58600		61600		5		P
Chromium	ug/L	20	208		216		4		P
Cobalt	ug/L	20	103		106		3		P
Copper	ug/L	20	159		164		3		P
Iron	ug/L	20	1650		1790		8		P
Lead	ug/L	20	480		493		3		P
Magnesium	ug/L	20	16400		17000		4		P
Manganese	ug/L	20	246		260		6		P
Nickel	ug/L	20	266		273		3		P
Potassium	ug/L	20	18400		20200		9		P
Selenium	ug/L	20	1050		1090		4		P
Silver	ug/L	20	34.5		36.9		7		P
Sodium	ug/L	20	143000		158000		10		P
Thallium	ug/L	20	921		937		2		P
Vanadium	ug/L	20	154		160		4		P
Zinc	ug/L	20	182		192		5		P

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 6 -
DUPLICATE SAMPLE SUMMARY

Client: G Environmental **Level:** LOW **SDG No.:** Q2210

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2210 **SAS No.:** Q2210

Matrix: Water **Sample ID:** Q2216-02 **Client ID:** 3887DUP

Percent Solids for Sample: NA **Duplicate ID** Q2216-02DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	ug/L	20	0.20	U	0.20	U			CV

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 6 -
DUPLICATE SAMPLE SUMMARY

Client: G Environmental **Level:** LOW **SDG No.:** Q2210

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2210 **SAS No.:** Q2210

Matrix: Water **Sample ID:** Q2216-02MS **Client ID:** 3887MSD

Percent Solids for Sample: NA **Duplicate ID** Q2216-02MSD **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Mercury	ug/L	20	4.16		3.65		13		CV

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Metals

LABORATORY CONTROL SAMPLE SUMMARY

Client: G Environmental **SDG No.:** Q2210

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2210 **SAS No.:** Q2210

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB168284BS							
Aluminum	ug/L	1000	1010		101	80 - 120	P
Antimony	ug/L	400	418		104	80 - 120	P
Arsenic	ug/L	400	402		100	80 - 120	P
Barium	ug/L	100	94.5		94	80 - 120	P
Beryllium	ug/L	100	102		102	80 - 120	P
Cadmium	ug/L	100	100		100	80 - 120	P
Calcium	ug/L	500	505	J	101	80 - 120	P
Chromium	ug/L	200	204		102	80 - 120	P
Cobalt	ug/L	100	102		102	80 - 120	P
Copper	ug/L	150	157		105	80 - 120	P
Iron	ug/L	1500	1460		97	80 - 120	P
Lead	ug/L	500	490		98	80 - 120	P
Magnesium	ug/L	1000	978	J	98	80 - 120	P
Manganese	ug/L	100	99.5		100	80 - 120	P
Nickel	ug/L	250	253		101	80 - 120	P
Potassium	ug/L	5000	4670		93	80 - 120	P
Selenium	ug/L	1000	1020		102	80 - 120	P
Silver	ug/L	37.5	36.6		98	80 - 120	P
Sodium	ug/L	1500	1360		91	80 - 120	P
Thallium	ug/L	1000	969		97	80 - 120	P
Vanadium	ug/L	150	148		99	80 - 120	P
Zinc	ug/L	100	103		103	80 - 120	P

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Metals

LABORATORY CONTROL SAMPLE SUMMARY

Client: G Environmental **SDG No.:** Q2210

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2210 **SAS No.:** Q2210

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB168317BS							
Mercury	ug/L	4.0	3.53		88	80 - 120	CV

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

-9 -

ICP SERIAL DILUTIONS

SAMPLE NO.

DSN003L

Lab Name: Chemtech Consulting Group **Contract:** GENV01

Lab Code: CHEM **Lb No.:** lb136097 **Lab Sample ID :** Q2197-05L **SDG No.:** Q2210

Matrix (soil/water): Water **Level (low/med):** LOW

Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Aluminum	52.9		54.3	J	3		P
Antimony	25.0	U	125	U			P
Arsenic	10.0	U	50.0	U			P
Barium	85.7		90.1	J	5		P
Beryllium	3.00	U	15.0	U			P
Cadmium	3.00	U	15.0	U			P
Calcium	57800		62400		8		P
Chromium	2.00	J	25.0	U	100.0		P
Cobalt	15.0	U	75.0	U			P
Copper	5.15	J	13.1	J	154		P
Iron	147		332		126		P
Lead	6.00	U	30.0	U			P
Magnesium	15100		16200		7		P
Manganese	149		161		8		P
Nickel	10.1	J	12.9	J	28		P
Potassium	13700		12300		10		P
Selenium	10.0	U	50.0	U			P
Silver	5.00	U	25.0	U			P
Sodium	152000		149000		2		P
Thallium	20.0	U	100	U			P
Vanadium	20.0	U	100	U			P
Zinc	73.5		72.7	J	1		P

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

-9 -

ICP SERIAL DILUTIONS

SAMPLE NO.

3887L

Lab Name: Chemtech Consulting Group **Contract:** GENV01

Lab Code: CHEM **Lb No.:** lb136036 **Lab Sample ID :** Q2216-02L **SDG No.:** Q2210

Matrix (soil/water): Water **Level (low/med):** LOW

Concentration Units: ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	M
Mercury	0.20	U	1.00	U			CV

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

metals
- 14 -
ANALYSIS RUN LOG

Client: G Environmental **Contract:** GENV01

Lab code: CHEM **Case no.:** Q2210 **Sas no.:** Q2210 **Sdg no.:** Q2210

Instrument id number: **Method:** **Run number:** LB136036

Start date: 06/06/2025 **End date:** 06/06/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	0948	HG
S0.2	S0.2	1	0950	HG
S2.5	S2.5	1	0953	HG
S5	S5	1	0955	HG
S7.5	S7.5	1	0957	HG
S10	S10	1	1000	HG
ICV29	ICV29	1	1003	HG
ICB29	ICB29	1	1005	HG
CCV08	CCV08	1	1007	HG
CCB08	CCB08	1	1010	HG
CRA	CRA	1	1012	HG
CCV09	CCV09	1	1037	HG
CCB09	CCB09	1	1040	HG
CCV10	CCV10	1	1104	HG
CCB10	CCB10	1	1107	HG
PB168317BL	PB168317BL	1	1116	HG
PB168317BS	PB168317BS	1	1121	HG
Q2210-01	TW1	1	1128	HG
Q2216-02DUP	3887DUP	1	1132	HG
CCV11	CCV11	1	1141	HG
CCB11	CCB11	1	1143	HG
Q2216-02MS	3887MS	1	1148	HG
Q2216-02MSD	3887MSD	1	1150	HG
CCV12	CCV12	1	1206	HG
CCB12	CCB12	1	1208	HG
Q2216-02L	3887L	5	1222	HG
CCV13	CCV13	1	1233	HG
CCB13	CCB13	1	1235	HG

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

metals
- 14 -
ANALYSIS RUN LOG

Client: G Environmental **Contract:** GENV01

Lab code: CHEM **Case no.:** Q2210 **Sas no.:** Q2210 **Sdg no.:** Q2210

Instrument id number: **Method:** **Run number:** LB136052

Start date: 06/06/2025 **End date:** 06/07/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1250	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S1	S1	1	1254	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S2	S2	1	1259	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S3	S3	1	1303	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S4	S4	1	1307	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S5	S5	1	1312	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICV01	ICV01	1	1316	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
LLICV01	LLICV01	1	1329	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICB01	ICB01	1	1333	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CRI01	CRI01	1	1337	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSA01	ICSA01	1	1342	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSAB01	ICSAB01	1	1346	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV01	CCV01	1	1405	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB01	CCB01	1	1409	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB168284BL	PB168284BL	1	1422	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
PB168284BS	PB168284BS	1	1426	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV02	CCV02	1	1456	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB02	CCB02	1	1500	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV03	CCV03	1	1550	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB03	CCB03	1	1557	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV04	CCV04	1	1646	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB04	CCB04	1	1651	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV05	CCV05	1	1740	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB05	CCB05	1	1746	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV06	CCV06	1	0303	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB06	CCB06	1	0307	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV07	CCV07	1	0340	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB07	CCB07	1	0344	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

metals
- 14 -
ANALYSIS RUN LOG

Client: G Environmental **Contract:** GENV01

Lab code: CHEM **Case no.:** Q2210 **Sas no.:** Q2210 **Sdg no.:** Q2210

Instrument id number: **Method:** **Run number:** LB136097

Start date: 06/10/2025 **End date:** 06/11/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1401	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S1	S1	1	1405	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S2	S2	1	1409	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S3	S3	1	1414	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S4	S4	1	1418	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
S5	S5	1	1422	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICV01	ICV01	1	1437	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
LLICV01	LLICV01	1	1441	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICB01	ICB01	1	1445	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CRI01	CRI01	1	1450	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSA01	ICSA01	1	1454	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
ICSAB01	ICSAB01	1	1518	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV01	CCV01	1	1530	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB01	CCB01	1	1535	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2210-01	TW1	1	1623	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV02	CCV02	1	1628	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB02	CCB02	1	1632	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2197-05DUP	DSN003DUP	1	1653	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2197-05L	DSN003L	5	1658	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2197-05MS	DSN003MS	1	1702	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2197-05MSD	DSN003MSD	1	1706	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
Q2197-05A	DSN003A	1	1728	K
CCV03	CCV03	1	1736	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB03	CCB03	1	1740	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV04	CCV04	1	1828	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB04	CCB04	1	1832	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV05	CCV05	1	1918	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB05	CCB05	1	1922	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV06	CCV06	1	2009	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB06	CCB06	1	2014	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV07	CCV07	1	2104	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB07	CCB07	1	2108	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV08	CCV08	1	2204	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB08	CCB08	1	2208	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV09	CCV09	1	2256	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB09	CCB09	1	2301	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV10	CCV10	1	2357	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB10	CCB10	1	0002	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV11	CCV11	1	0135	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCB11	CCB11	1	0139	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn
CCV12	CCV12	1	0221	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

metals
- 14 -
ANALYSIS RUN LOG

Client: G Environmental **Contract:** GENV01

Lab code: CHEM **Case no.:** Q2210 **Sas no.:** Q2210 **Sdg no.:** Q2210

Instrument id number: **Method:** **Run number:** LB136097

Start date: 06/10/2025 **End date:** 06/11/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
CCB12	CCB12	1	0225	Ag,Al,As,Ba,Be,Ca,Cd,Co,Cr,Cu,Fe,K,Mg,Mn,Na,Ni,Pb,Sb,Se,Tl,V,Zn

METAL PREPARATION & INSTRUMENT DATA

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Metals
- 11 -
ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental **SDG No.:** Q2210

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2210 **SAS No.:** Q2210

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Al	Ca	Fe	Mg	Ag
Aluminum	396.100	0.0000000	-0.0002060	0.0000000	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	-0.0000440	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000930	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	-0.0075970	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0007850	0.0000000	0.0000000
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	-0.0000920	0.0000000	0.0000380	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	-0.0001440	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	-0.0001490	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0001050	0.0000000	0.0000000

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Metals
- 11 -
ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental **SDG No.:** Q2210

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2210 **SAS No.:** Q2210

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: As	Ba	Be	Cd	Co
Aluminum	396.100	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0002870
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0000000	0.0009530
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	-0.0039600
Lead	220.353	0.0000000	0.0003170	0.0000000	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	-0.0003570
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0054900
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Metals
- 11 -
ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental **SDG No.:** Q2210

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2210 **SAS No.:** Q2210

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Cr	Cu	K	Mn	Mo
Aluminum	396.100	0.0000000	0.0000000	0.0000590	0.0000000	0.0396900
Antimony	206.833	0.0122000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	-0.0029000	0.0000000	0.0000000	0.0000000	0.0004900
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	-0.0000710	-0.0003400
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000070	0.0002200	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	-0.0007860
Copper	224.700	0.0000000	0.0000000	0.0000000	0.0006510	0.0020500
Iron	240.488	0.0000000	0.0000000	0.0000730	0.0000000	-0.0015250
Lead	220.353	0.0000000	0.0000000	0.0000000	0.0001400	-0.0008600
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0007460	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	-0.0000120
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0017400	-0.0100400
Vanadium	292.402	-0.0025100	0.0000000	0.0000000	0.0000000	-0.0072000
Zinc	213.800	0.0000000	0.0009010	0.0000000	0.0000000	0.0000000

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Metals
- 11 -
ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental **SDG No.:** Q2210

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2210 **SAS No.:** Q2210

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Na	Ni	Pb	Sb	Se
Aluminum	396.100	0.0000000	0.0000000	0.0012800	0.0000000	0.0000000
Antimony	206.833	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cobalt	228.616	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	-0.0047000	0.0036100	0.0000000	0.0000000
Iron	240.488	0.0000000	-0.0017000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	0.0006580	0.0000000	0.0000000	0.0001290
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0003330	0.0000000	0.0000000
Silver	328.068	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Vanadium	292.402	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0067600	0.0000000	0.0000000	0.0000000

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Metals
- 11 -
ICP INTERELEMENT CORRECTION FACTORS

Client: G Environmental **SDG No.:** Q2210

Contract: GENV01 **Lab Code:** CHEM **Case No.:** Q2210 **SAS No.:** Q2210

Instrument ID: **Date:**

Interelement Correction Factors (apparent ppb analyte/ppm interferent)

Analyte	Wave-Length (nm)	ICP Interelement Correction Factors For: Sn	Ti	Tl	V	Zn
Aluminum	396.100	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Antimony	206.833	-0.0035600	-0.0007970	0.0000000	-0.0018900	0.0000000
Arsenic	193.759	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Barium	493.409	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Beryllium	234.861	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Cadmium	226.502	0.0000000	0.0000630	0.0001280	0.0000000	0.0000000
Calcium	373.690	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Chromium	267.716	0.0000000	0.0000000	0.0000000	0.0001110	0.0000000
Cobalt	228.616	0.0000000	0.0018800	0.0000000	0.0000000	0.0000000
Copper	224.700	0.0000000	0.0003840	0.0000000	0.0000000	0.0000000
Iron	240.488	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Lead	220.353	0.0000000	-0.0003610	0.0000000	0.0000000	0.0000000
Magnesium	279.079	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Manganese	257.610	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Nickel	231.604	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Potassium	766.490	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Selenium	196.090	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Silver	328.068	0.0000000	-0.0007420	0.0000000	0.0000000	0.0000000
Sodium	589.592	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000
Thallium	190.856	0.0000000	-0.0039700	0.0000000	-0.0115600	0.0000000
Vanadium	292.402	0.0000000	0.0005320	0.0000000	0.0000000	0.0000000
Zinc	213.800	0.0000000	0.0000000	0.0000000	0.0000000	0.0000000

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

LAB CHRONICLE

OrderID:	Q2210	**OrderDate:**	6/4/2025 1:53:00 PM
Client:	G Environmental	**Project:**	Stockton
Contact:	Gary Landis	**Location:**	L31,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2210-01	**TW1**	**Water**			**06/03/25**			**06/04/25**
			Mercury	7470A		06/05/25	06/06/25	
			Metals ICP-TAL	6010D		06/05/25	06/10/25	

METAL PREPARATION & ANALYICAL SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals
- 13 -
SAMPLE PREPARATION SUMMARY

Client: G Environmental **SDG No.:** Q2210

Contract: GENV01 **Lab Code:** CHEM **Method:**

Case No.: Q2210 **SAS No.:** Q2210

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB168284**						
PB168284BL	PB168284BL	MB	WATER	06/05/2025	50.0	25.0	
PB168284BS	PB168284BS	LCS	WATER	06/05/2025	50.0	25.0	
Q2197-05DUP	DSN003DUP	DUP	WATER	06/05/2025	50.0	25.0	
Q2197-05MS	DSN003MS	MS	WATER	06/05/2025	50.0	25.0	
Q2197-05MSD	DSN003MSD	MSD	WATER	06/05/2025	50.0	25.0	
Q2210-01	TW1	SAM	WATER	06/05/2025	50.0	25.0	

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals
- 13 -
SAMPLE PREPARATION SUMMARY

Client: G Environmental **SDG No.:** Q2210

Contract: GENV01 **Lab Code:** CHEM **Method:**

Case No.: Q2210 **SAS No.:** Q2210

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB168317**						
PB168317BL	PB168317BL	MB	WATER	06/05/2025	30.0	30.0	
PB168317BS	PB168317BS	LCS	WATER	06/05/2025	30.0	30.0	
Q2210-01	TW1	SAM	WATER	06/05/2025	30.0	30.0	
Q2216-02DUP	3887DUP	DUP	WATER	06/05/2025	30.0	30.0	
Q2216-02MS	3887MS	MS	WATER	06/05/2025	30.0	30.0	
Q2216-02MSD	3887MSD	MSD	WATER	06/05/2025	30.0	30.0	

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QCBatch ID # LB136036

Review By	MOHAN	Review On	6/6/2025 7:12:22 PM
Supervise By	jaswal	Supervise On	6/6/2025 7:13:44 PM

STD. NAME	STD REF.#
ICAL Standard	MP85899,MP8590,MP85901,MP85902,MP85903,MP85904
ICV Standard	MP85905
CCV Standard	MP85907
ICSA Standard	
CRI Standard	MP85909
LCS Standard	
Chk Standard	MP85906,MP85908,MP8591410,MP859

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	06/06/25 09:48		MOHAN	OK
2	S0.2	S0.2	CAL2	06/06/25 09:50		MOHAN	OK
3	S2.5	S2.5	CAL3	06/06/25 09:53		MOHAN	OK
4	S5	S5	CAL4	06/06/25 09:55		MOHAN	OK
5	S7.5	S7.5	CAL5	06/06/25 09:57		MOHAN	OK
6	S10	S10	CAL6	06/06/25 10:00		MOHAN	OK
7	ICV29	ICV29	ICV	06/06/25 10:03		MOHAN	OK
8	ICB29	ICB29	ICB	06/06/25 10:05		MOHAN	OK
9	CCV08	CCV08	CCV	06/06/25 10:07		MOHAN	OK
10	CCB08	CCB08	CCB	06/06/25 10:10		MOHAN	OK
11	CRA	CRA	CRDL	06/06/25 10:12		MOHAN	OK
12	HighStd	HighStd	HIGH STD	06/06/25 10:14		MOHAN	OK
13	ChkStd	ChkStd	SAM	06/06/25 10:16		MOHAN	OK
14	PB168316BL	PB168316BL	MB	06/06/25 10:19		MOHAN	OK
15	PB168316BS	PB168316BS	LCS	06/06/25 10:24		MOHAN	OK
16	Q2192-01	SB-1	SAM	06/06/25 10:26		MOHAN	OK
17	Q2194-02	COMP-12	SAM	06/06/25 10:28		MOHAN	OK
18	Q2194-04	COMP-13	SAM	06/06/25 10:31		MOHAN	OK

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QCBatch ID # LB136036

Review By	MOHAN	Review On	6/6/2025 7:12:22 PM
Supervise By	jaswal	Supervise On	6/6/2025 7:13:44 PM

STD. NAME	STD REF.#
ICAL Standard	MP85899,MP8590,MP85901,MP85902,MP85903,MP85904
ICV Standard	MP85905
CCV Standard	MP85907
ICSA Standard	
CRI Standard	MP85909
LCS Standard	
Chk Standard	MP85906,MP85908,MP8591410,MP859

19	Q2198-02	B-202-SB02	SAM	06/06/25 10:33		MOHAN	OK
20	Q2198-04	B-207-SB02	SAM	06/06/25 10:35		MOHAN	OK
21	CCV09	CCV09	CCV	06/06/25 10:37		MOHAN	OK
22	CCB09	CCB09	CCB	06/06/25 10:40		MOHAN	OK
23	Q2206-04	TP-1	SAM	06/06/25 10:42		MOHAN	OK
24	Q2207-09	BU-703-COMP-01	SAM	06/06/25 10:44		MOHAN	OK
25	Q2207-18	BU-703-COMP-02	SAM	06/06/25 10:46		MOHAN	OK
26	Q2207-27	BU-703-COMP-03	SAM	06/06/25 10:49		MOHAN	OK
27	Q2207-36	BU-703-COMP-04	SAM	06/06/25 10:51		MOHAN	OK
28	Q2207-45	BU-703-COMP-05	SAM	06/06/25 10:53		MOHAN	OK
29	Q2208-09	BU-703-COMP-06	SAM	06/06/25 10:55		MOHAN	OK
30	Q2208-18	BU-703-COMP-07	SAM	06/06/25 10:58		MOHAN	OK
31	Q2208-27	BU-703-COMP-08	SAM	06/06/25 11:00		MOHAN	OK
32	Q2208-36	BU-703-COMP-09	SAM	06/06/25 11:02		MOHAN	OK
33	CCV10	CCV10	CCV	06/06/25 11:04		MOHAN	OK
34	CCB10	CCB10	CCB	06/06/25 11:07		MOHAN	OK
35	Q2208-36DUP	BU-703-COMP-09DU	DUP	06/06/25 11:09		MOHAN	OK
36	Q2208-36MS	BU-703-COMP-09MS	MS	06/06/25 11:11		MOHAN	OK
37	Q2208-36MSD	BU-703-COMP-09MS	MSD	06/06/25 11:14		MOHAN	OK
38	PB168317BL	PB168317BL	MB	06/06/25 11:16		MOHAN	OK

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QCBatch ID # LB136036

Review By	MOHAN	Review On	6/6/2025 7:12:22 PM
Supervise By	jaswal	Supervise On	6/6/2025 7:13:44 PM

STD. NAME	STD REF.#
ICAL Standard	MP85899,MP8590,MP85901,MP85902,MP85903,MP85904
ICV Standard	MP85905
CCV Standard	MP85907
ICSA Standard	
CRI Standard	MP85909
LCS Standard	
Chk Standard	MP85906,MP85908,MP8591410,MP859

39	PB168317BS	PB168317BS	LCS	06/06/25 11:21		MOHAN	OK
40	Q2175-09DL	52725DL	SAM	06/06/25 11:23	10X for Straight dilution	MOHAN	OK
41	Q2198-05	B-202-GW01	SAM	06/06/25 11:25		MOHAN	OK
42	Q2210-01	TW1	SAM	06/06/25 11:28		MOHAN	OK
43	Q2216-02	3887	SAM	06/06/25 11:30		MOHAN	OK
44	Q2216-02DUP	3887DUP	DUP	06/06/25 11:32		MOHAN	OK
45	CCV11	CCV11	CCV	06/06/25 11:41		MOHAN	OK
46	CCB11	CCB11	CCB	06/06/25 11:43		MOHAN	OK
47	Q2216-02MS	3887MS	MS	06/06/25 11:48		MOHAN	OK
48	Q2216-02MSD	3887MSD	MSD	06/06/25 11:50		MOHAN	OK
49	Q2216-03	3888	SAM	06/06/25 11:52		MOHAN	OK
50	Q2216-04	3864	SAM	06/06/25 11:55		MOHAN	OK
51	Q2216-05	3865	SAM	06/06/25 11:57		MOHAN	OK
52	Q2216-06	3851	SAM	06/06/25 11:59		MOHAN	OK
53	Q2218-03	3309	SAM	06/06/25 12:01		MOHAN	OK
54	Q2221-02	34900	SAM	06/06/25 12:04		MOHAN	OK
55	CCV12	CCV12	CCV	06/06/25 12:06		MOHAN	OK
56	CCB12	CCB12	CCB	06/06/25 12:08		MOHAN	OK
57	PB168271TB	PB168271TB	MB	06/06/25 12:11		MOHAN	OK
58	Q2208-36L	BU-703-COMP-09L	SD	06/06/25 12:13		MOHAN	OK

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: CV1

Daily Analysis Runlog For Sequence/QCBatch ID # LB136036

Review By	MOHAN	Review On	6/6/2025 7:12:22 PM
Supervise By	jaswal	Supervise On	6/6/2025 7:13:44 PM

STD. NAME	STD REF.#
ICAL Standard	MP85899,MP8590,MP85901,MP85902,MP85903,MP85904
ICV Standard	MP85905
CCV Standard	MP85907
ICSA Standard	
CRI Standard	MP85909
LCS Standard	
Chk Standard	MP85906,MP85908,MP8591410,MP859

59	Q2208-36A	BU-703-COMP-09A	PS	06/06/25 12:20		MOHAN	OK
60	Q2216-02L	3887L	SD	06/06/25 12:22		MOHAN	OK
61	Q2216-02A	3887A	PS	06/06/25 12:24		MOHAN	OK
62	CCV13	CCV13	CCV	06/06/25 12:33		MOHAN	OK
63	CCB13	CCB13	CCB	06/06/25 12:35		MOHAN	OK

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB136052

Review By	Janvi	Review On	6/9/2025 3:49:01 PM
Supervise By	jaswal	Supervise On	6/10/2025 4:57:27 PM

STD. NAME	STD REF.#
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868
ICV Standard	MP85872
CCV Standard	MP85875
ICSA Standard	MP85873,MP85874
CRI Standard	MP85897
LCS Standard	
Chk Standard	MP85876,MP85877

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	06/06/25 12:50		Jaswal	OK
2	S1	S1	CAL2	06/06/25 12:54		Jaswal	OK
3	S2	S2	CAL3	06/06/25 12:59		Jaswal	OK
4	S3	S3	CAL4	06/06/25 13:03		Jaswal	OK
5	S4	S4	CAL5	06/06/25 13:07		Jaswal	OK
6	S5	S5	CAL6	06/06/25 13:12		Jaswal	OK
7	ICV01	ICV01	ICV	06/06/25 13:16		Jaswal	OK
8	LLICV01	LLICV01	LLICV	06/06/25 13:29		Jaswal	OK
9	ICB01	ICB01	ICB	06/06/25 13:33		Jaswal	OK
10	CRI01	CRI01	CRDL	06/06/25 13:37		Jaswal	OK
11	ICSA01	ICSA01	ICSA	06/06/25 13:42		Jaswal	OK
12	ICSAB01	ICSAB01	ICSAB	06/06/25 13:46		Jaswal	OK
13	ICSADL	ICSADL	ICSA	06/06/25 13:50		Jaswal	OK
14	ICSABDL	ICSABDL	ICSAB	06/06/25 13:54		Jaswal	OK
15	CCV01	CCV01	CCV	06/06/25 14:05		Jaswal	OK
16	CCB01	CCB01	CCB	06/06/25 14:09		Jaswal	OK
17	PB168279BL	PB168279BL	MB	06/06/25 14:13		Jaswal	OK
18	PB168279BS	PB168279BS	LCS	06/06/25 14:18		Jaswal	OK

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB136052

Review By	Janvi	Review On	6/9/2025 3:49:01 PM
Supervise By	jaswal	Supervise On	6/10/2025 4:57:27 PM

STD. NAME	STD REF.#
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868
ICV Standard	MP85872
CCV Standard	MP85875
ICSA Standard	MP85873,MP85874
CRI Standard	MP85897
LCS Standard	
Chk Standard	MP85876,MP85877

19	PB168284BL	PB168284BL	MB	06/06/25 14:22		Jaswal	OK
20	PB168284BS	PB168284BS	LCS	06/06/25 14:26		Jaswal	OK
21	PB168302BL	PB168302BL	MB	06/06/25 14:30		Jaswal	OK
22	PB168302BS	PB168302BS	LCS	06/06/25 14:35		Jaswal	OK
23	PB168307BL	PB168307BL	MB	06/06/25 14:39		Jaswal	OK
24	PB168307BS	PB168307BS	LCS	06/06/25 14:43		Jaswal	OK
25	Q2237-02	TW-WTS-10	SAM	06/06/25 14:47		Jaswal	OK
26	PB168291BL	PB168291BL	MB	06/06/25 14:52		Jaswal	OK
27	CCV02	CCV02	CCV	06/06/25 14:56		Jaswal	OK
28	CCB02	CCB02	CCB	06/06/25 15:00		Jaswal	OK
29	PB168291BS	PB168291BS	LCS	06/06/25 15:06		Jaswal	OK
30	PB168271TB	PB168271TB	MB	06/06/25 15:10		Jaswal	OK
31	Q2192-01	SB-1	SAM	06/06/25 15:15		Jaswal	OK
32	Q2194-02	COMP-12	SAM	06/06/25 15:19	Need to Confirm TCLP Result For Ba	Jaswal	OK
33	Q2194-04	COMP-13	SAM	06/06/25 15:24	Need to Confirm TCLP Result For Ba	Jaswal	OK
34	Q2198-02	B-202-SB02	SAM	06/06/25 15:28		Jaswal	OK
35	Q2198-04	B-207-SB02	SAM	06/06/25 15:33		Jaswal	OK
36	Q2206-04	TP-1	SAM	06/06/25 15:37		Jaswal	OK
37	Q2207-09	BU-703-COMP-01	SAM	06/06/25 15:41	Need to Confirm TCLP Result For Ba,Zn	Jaswal	OK

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB136052

Review By	Janvi	Review On	6/9/2025 3:49:01 PM
Supervise By	jaswal	Supervise On	6/10/2025 4:57:27 PM

STD. NAME	STD REF.#
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868
ICV Standard	MP85872
CCV Standard	MP85875
ICSA Standard	MP85873,MP85874
CRI Standard	MP85897
LCS Standard	
Chk Standard	MP85876,MP85877

38	Q2207-18	BU-703-COMP-02	SAM	06/06/25 15:46	Need to Confirm TCLP Result For Ba,Zn	Jaswal	OK
39	CCV03	CCV03	CCV	06/06/25 15:50		Jaswal	OK
40	CCB03	CCB03	CCB	06/06/25 15:57		Jaswal	OK
41	Q2207-27	BU-703-COMP-03	SAM	06/06/25 16:01		Jaswal	OK
42	Q2207-36	BU-703-COMP-04	SAM	06/06/25 16:10	Need to Confirm TCLP Result For Ba	Jaswal	OK
43	Q2207-45	BU-703-COMP-05	SAM	06/06/25 16:15		Jaswal	OK
44	Q2208-09	BU-703-COMP-06	SAM	06/06/25 16:19	Need to Confirm TCLP Result For Ba	Jaswal	OK
45	Q2208-18	BU-703-COMP-07	SAM	06/06/25 16:24	Need to Confirm TCLP Result For Zn	Jaswal	OK
46	Q2208-27	BU-703-COMP-08	SAM	06/06/25 16:28	Need to Confirm TCLP Result For Ba	Jaswal	OK
47	Q2208-36	BU-703-COMP-09	SAM	06/06/25 16:33	Not Use	Jaswal	Not Ok
48	Q2206-01	TP-1	SAM	06/06/25 16:37		Jaswal	OK
49	Q2207-01	BU-703-COMP-01	SAM	06/06/25 16:41		Jaswal	OK
50	CCV04	CCV04	CCV	06/06/25 16:46		Jaswal	OK
51	CCB04	CCB04	CCB	06/06/25 16:51		Jaswal	OK
52	Q2207-10	BU-703-COMP-02	SAM	06/06/25 16:55		Jaswal	OK
53	Q2207-19	BU-703-COMP-03	SAM	06/06/25 16:59		Jaswal	OK
54	Q2207-28	BU-703-COMP-04	SAM	06/06/25 17:03		Jaswal	OK
55	Q2207-37	BU-703-COMP-05	SAM	06/06/25 17:11		Jaswal	OK

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB136052

Review By	Janvi	Review On	6/9/2025 3:49:01 PM
Supervise By	jaswal	Supervise On	6/10/2025 4:57:27 PM

STD. NAME	STD REF.#
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868
ICV Standard	MP85872
CCV Standard	MP85875
ICSA Standard	MP85873,MP85874
CRI Standard	MP85897
LCS Standard	
Chk Standard	MP85876,MP85877

56	Q2208-01	BU-703-COMP-06	SAM	06/06/25 17:15		Jaswal	OK
57	Q2208-10	BU-703-COMP-07	SAM	06/06/25 17:19		Jaswal	OK
58	Q2208-19	BU-703-COMP-08	SAM	06/06/25 17:23		Jaswal	OK
59	Q2208-28	BU-703-COMP-09	SAM	06/06/25 17:28		Jaswal	OK
60	Q2218-01	72-11934	SAM	06/06/25 17:32		Jaswal	OK
61	Q2218-03DL	3309DL	SAM	06/06/25 17:36	Test not on log in page	Jaswal	Not Ok
62	CCV05	CCV05	CCV	06/06/25 17:40		Jaswal	OK
63	CCB05	CCB05	CCB	06/06/25 17:46		Jaswal	OK
64	Q2223-01	HR-01-06042025	SAM	06/06/25 17:51	CCV06 Fail For Many parameters	Jaswal	Not Ok
65	Q2223-03	HR-04-06042025	SAM	06/06/25 17:55	CCV06 Fail For Many parameters	Jaswal	Not Ok
66	Q2225-01	SU-03-06042025	SAM	06/06/25 17:59	CCV06 Fail For Many parameters	Jaswal	Not Ok
67	Q2226-01	TP06-MHI-WC	SAM	06/06/25 18:03	CCV06 Fail For Many parameters	Jaswal	Not Ok
68	Q2227-01	TP07-MHH-WC	SAM	06/06/25 18:07	CCV06 Fail For Many parameters	Jaswal	Not Ok
69	Q2228-01	TP08-MHI-WC	SAM	06/06/25 19:31	CCV06 Fail For Many parameters	Jaswal	Not Ok
70	Q2208-36DUP	BU-703-COMP-09DU	DUP	06/06/25 22:54	CCV06 Fail For Many parameters	Jaswal	Not Ok
71	Q2208-36L	BU-703-COMP-09L	SD	06/07/25 01:22	CCV06 Fail For Many parameters	Jaswal	Not Ok
72	Q2208-36MS	BU-703-COMP-09MS	MS	06/07/25 02:54	CCV06 Fail For Many parameters	Jaswal	Not Ok

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB136052

Review By	Janvi	Review On	6/9/2025 3:49:01 PM
Supervise By	jaswal	Supervise On	6/10/2025 4:57:27 PM

STD. NAME	STD REF.#
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868
ICV Standard	MP85872
CCV Standard	MP85875
ICSA Standard	MP85873,MP85874
CRI Standard	MP85897
LCS Standard	
Chk Standard	MP85876,MP85877

73	CCV06	CCV06	CCV	06/07/25 03:03		Jaswal	OK
74	CCB06	CCB06	CCB	06/07/25 03:07		Jaswal	OK
75	Q2208-36MSD	BU-703-COMP-09MS	MSD	06/07/25 03:11	CCV06,07 Fail For Many parameters	Jaswal	Not Ok
76	Q2208-36A	BU-703-COMP-09A	PS	06/07/25 03:15	CCV06,07 Fail For Many parameters	Jaswal	Not Ok
77	Q2226-01DUP	TP06-MHI-WCDUP	DUP	06/07/25 03:20	CCV06,07 Fail For Many parameters	Jaswal	Not Ok
78	Q2226-01L	TP06-MHI-WCL	SD	06/07/25 03:24	CCV06,07 Fail For Many parameters	Jaswal	Not Ok
79	Q2226-01MS	TP06-MHI-WCMS	MS	06/07/25 03:28	CCV06,07 Fail For Many parameters	Jaswal	Not Ok
80	Q2226-01MSD	TP06-MHI-WCMSD	MSD	06/07/25 03:32	CCV06,07 Fail For Many parameters	Jaswal	Not Ok
81	Q2226-01A	TP06-MHI-WCA	PS	06/07/25 03:36	CCV06,07 Fail For Many parameters	Jaswal	Not Ok
82	CCV07	CCV07	CCV	06/07/25 03:40		Jaswal	OK
83	CCB07	CCB07	CCB	06/07/25 03:44		Jaswal	OK

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB136097

Review By	Janvi	Review On	6/11/2025 10:49:51 AM
Supervise By	jaswal	Supervise On	6/11/2025 2:45:55 PM

STD. NAME	STD REF.#
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868
ICV Standard	MP85934
CCV Standard	MP85875
ICSA Standard	MP85873,MP85874
CRI Standard	MP85897
LCS Standard	
Chk Standard	MP85876,MP85877

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	S0	S0	CAL1	06/10/25 14:01		Jaswal	OK
2	S1	S1	CAL2	06/10/25 14:05		Jaswal	OK
3	S2	S2	CAL3	06/10/25 14:09		Jaswal	OK
4	S3	S3	CAL4	06/10/25 14:14		Jaswal	OK
5	S4	S4	CAL5	06/10/25 14:18		Jaswal	OK
6	S5	S5	CAL6	06/10/25 14:22		Jaswal	OK
7	ICV01	ICV01	ICV	06/10/25 14:37		Jaswal	OK
8	LLICV01	LLICV01	LLICV	06/10/25 14:41		Jaswal	OK
9	ICB01	ICB01	ICB	06/10/25 14:45		Jaswal	OK
10	CRI01	CRI01	CRDL	06/10/25 14:50		Jaswal	OK
11	ICSA01	ICSA01	ICSA	06/10/25 14:54		Jaswal	OK
12	ICSAB01	ICSAB01	ICSAB	06/10/25 15:18		Jaswal	OK
13	ICSADL	ICSADL	ICSA	06/10/25 15:22		Jaswal	OK
14	ICSABDL	ICSABDL	ICSAB	06/10/25 15:26		Jaswal	OK
15	CCV01	CCV01	CCV	06/10/25 15:30		Jaswal	OK
16	CCB01	CCB01	CCB	06/10/25 15:35		Jaswal	OK
17	Q2242-04	TP09-MHJ	SAM	06/10/25 15:39		Jaswal	OK
18	Q2242-04DUP	TP09-MHJDUP	DUP	06/10/25 15:43		Jaswal	OK

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB136097

Review By	Janvi	Review On	6/11/2025 10:49:51 AM
Supervise By	jaswal	Supervise On	6/11/2025 2:45:55 PM

STD. NAME	STD REF.#
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868
ICV Standard	MP85934
CCV Standard	MP85875
ICSA Standard	MP85873,MP85874
CRI Standard	MP85897
LCS Standard	
Chk Standard	MP85876,MP85877

19	Q2242-04L	TP09-MHJL	SD	06/10/25 15:48		Jaswal	OK
20	Q2242-04MS	TP09-MHJMS	MS	06/10/25 15:52		Jaswal	OK
21	Q2242-04MSD	TP09-MHJMSD	MSD	06/10/25 15:56		Jaswal	OK
22	Q2242-04A	TP09-MHJA	PS	06/10/25 16:00	0.1ML EACH M6004, M6013-10ML SAMPLE	Jaswal	OK
23	Q2197-01	DSN002	SAM	06/10/25 16:05		Jaswal	OK
24	Q2197-03	DSN001	SAM	06/10/25 16:15		Jaswal	OK
25	Q2197-05	DSN003	SAM	06/10/25 16:19		Jaswal	OK
26	Q2210-01	TW1	SAM	06/10/25 16:23		Jaswal	OK
27	CCV02	CCV02	CCV	06/10/25 16:28		Jaswal	OK
28	CCB02	CCB02	CCB	06/10/25 16:32		Jaswal	OK
29	Q2243-01	WATER-TREATMENT	SAM	06/10/25 16:37		Jaswal	OK
30	Q2241-01	TP-N	SAM	06/10/25 16:41		Jaswal	OK
31	Q2241-05	TP-S	SAM	06/10/25 16:45		Jaswal	OK
32	Q2248-01	TR-05-060525	SAM	06/10/25 16:49		Jaswal	OK
33	Q2197-05DUP	DSN003DUP	DUP	06/10/25 16:53		Jaswal	OK
34	Q2197-05L	DSN003L	SD	06/10/25 16:58		Jaswal	OK
35	Q2197-05MS	DSN003MS	MS	06/10/25 17:02		Jaswal	OK
36	Q2197-05MSD	DSN003MSD	MSD	06/10/25 17:06		Jaswal	OK
37	Q2197-05A	DSN003A	PS	06/10/25 17:28	0.1ML EACH M6004, M6013-10ML SAMPLE	Jaswal	OK

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB136097

Review By	Janvi	Review On	6/11/2025 10:49:51 AM
Supervise By	jaswal	Supervise On	6/11/2025 2:45:55 PM

STD. NAME	STD REF.#
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868
ICV Standard	MP85934
CCV Standard	MP85875
ICSA Standard	MP85873,MP85874
CRI Standard	MP85897
LCS Standard	
Chk Standard	MP85876,MP85877

38	Q2137-05	MOO-25-0151	SAM	06/10/25 17:32		Jaswal	OK
39	CCV03	CCV03	CCV	06/10/25 17:36		Jaswal	OK
40	CCB03	CCB03	CCB	06/10/25 17:40		Jaswal	OK
41	Q2240-01	TP-3	SAM	06/10/25 17:45		Jaswal	OK
42	Q2240-05	TP-2	SAM	06/10/25 17:49		Jaswal	OK
43	Q2240-09	TP-1	SAM	06/10/25 17:53		Jaswal	OK
44	Q2244-01	TP03-MHC	SAM	06/10/25 17:58		Jaswal	OK
45	Q2242-01	TP09-MHJ	SAM	06/10/25 18:02		Jaswal	OK
46	Q2238-01DUP	0528DUP	DUP	06/10/25 18:06	RPD fail for more than 50% parameter	Jaswal	Not Ok
47	Q2238-01L	0528L	SD	06/10/25 18:11	RPD fail for more than 50% parameter	Jaswal	Not Ok
48	Q2238-01MS	0528MS	MS	06/10/25 18:15	RPD fail for more than 50% parameter	Jaswal	Not Ok
49	Q2238-01MSD	0528MSD	MSD	06/10/25 18:19	RPD fail for more than 50% parameter	Jaswal	Not Ok
50	Q2238-01A	0528A	PS	06/10/25 18:23	RPD fail for more than 50% parameter	Jaswal	Not Ok
51	CCV04	CCV04	CCV	06/10/25 18:28		Jaswal	OK
52	CCB04	CCB04	CCB	06/10/25 18:32		Jaswal	OK
53	PB168309BL	PB168309BL	MB	06/10/25 18:36		Jaswal	OK
54	PB168309BS	PB168309BS	LCS	06/10/25 18:40		Jaswal	OK
55	PB168284BL	PB168284BL	MB	06/10/25 18:44	NOT USE	Jaswal	Not Ok

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB136097

Review By	Janvi	Review On	6/11/2025 10:49:51 AM
Supervise By	jaswal	Supervise On	6/11/2025 2:45:55 PM

STD. NAME	STD REF.#
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868
ICV Standard	MP85934
CCV Standard	MP85875
ICSA Standard	MP85873,MP85874
CRI Standard	MP85897
LCS Standard	
Chk Standard	MP85876,MP85877

56	PB168284BS	PB168284BS	LCS	06/10/25 18:49	NOT USE	Jaswal	Not Ok
57	PB168310BL	PB168310BL	MB	06/10/25 18:53		Jaswal	OK
58	PB168310BS	PB168310BS	LCS	06/10/25 18:57		Jaswal	OK
59	Q2246-01	BU-03-060525	SAM	06/10/25 19:01		Jaswal	OK
60	Q2259-03	OU4-PCS-TC-37-060	SAM	06/10/25 19:05		Jaswal	OK
61	Q2259-05	OU4-TS-29-060525	SAM	06/10/25 19:10		Jaswal	OK
62	Q2259-06	OU4-TS-30-060525	SAM	06/10/25 19:14		Jaswal	OK
63	CCV05	CCV05	CCV	06/10/25 19:18		Jaswal	OK
64	CCB05	CCB05	CCB	06/10/25 19:22		Jaswal	OK
65	Q2265-01	TP11-MHL-WC	SAM	06/10/25 19:27		Jaswal	OK
66	Q2266-01	WC-3	SAM	06/10/25 19:31		Jaswal	OK
67	Q2266-05	WC-5	SAM	06/10/25 19:35		Jaswal	OK
68	Q2260-01	TP10-MHG-WC	SAM	06/10/25 19:39		Jaswal	OK
69	Q2260-01DUP	TP10-MHG-WCDUP	DUP	06/10/25 19:44		Jaswal	OK
70	Q2260-01L	TP10-MHG-WCL	SD	06/10/25 19:48		Jaswal	OK
71	Q2260-01MS	TP10-MHG-WCMS	MS	06/10/25 19:52		Jaswal	OK
72	Q2260-01MSD	TP10-MHG-WCMSD	MSD	06/10/25 19:57		Jaswal	OK
73	Q2260-01A	TP10-MHG-WCA	PS	06/10/25 20:01	0.1ML EACH M6004, M6013-10ML SAMPLE	Jaswal	OK
74	PB168353BL	PB168353BL	MB	06/10/25 20:05		Jaswal	OK

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB136097

Review By	Janvi	Review On	6/11/2025 10:49:51 AM
Supervise By	jaswal	Supervise On	6/11/2025 2:45:55 PM

STD. NAME	STD REF.#
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868
ICV Standard	MP85934
CCV Standard	MP85875
ICSA Standard	MP85873,MP85874
CRI Standard	MP85897
LCS Standard	
Chk Standard	MP85876,MP85877

75	CCV06	CCV06	CCV	06/10/25 20:09		Jaswal	OK
76	CCB06	CCB06	CCB	06/10/25 20:14		Jaswal	OK
77	PB168353BS	PB168353BS	LCS	06/10/25 20:22		Jaswal	OK
78	Q2259-01	OU4-PCS-TC-36-060	SAM	06/10/25 20:26		Jaswal	OK
79	Q2238-01	0528	SAM	06/10/25 20:30	RPD fail for more than 50% parameter	Jaswal	Not Ok
80	PB168245BL	PB168245BL	MB	06/10/25 20:35		Jaswal	OK
81	PB168245BS	PB168245BS	LCS	06/10/25 20:39		Jaswal	OK
82	Q2176-01	TP-46	SAM	06/10/25 20:43		Jaswal	OK
83	Q2176-02	TP-56	SAM	06/10/25 20:47		Jaswal	OK
84	Q2176-03	TP-25	SAM	06/10/25 20:51		Jaswal	OK
85	Q2176-04	TP-26	SAM	06/10/25 20:55		Jaswal	OK
86	Q2176-05	TP-28	SAM	06/10/25 21:00		Jaswal	OK
87	CCV07	CCV07	CCV	06/10/25 21:04		Jaswal	OK
88	CCB07	CCB07	CCB	06/10/25 21:08		Jaswal	OK
89	Q2176-06	TP-27	SAM	06/10/25 21:12		Jaswal	OK
90	Q2176-07	TP-31	SAM	06/10/25 21:16		Jaswal	OK
91	Q2176-08	TP-65	SAM	06/10/25 21:32		Jaswal	OK
92	Q2177-02	B-187-SB01	SAM	06/10/25 21:36		Jaswal	OK
93	Q2177-04	B-187-SB02	SAM	06/10/25 21:40		Jaswal	OK

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB136097

Review By	Janvi	Review On	6/11/2025 10:49:51 AM
Supervise By	jaswal	Supervise On	6/11/2025 2:45:55 PM

STD. NAME	STD REF.#
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868
ICV Standard	MP85934
CCV Standard	MP85875
ICSA Standard	MP85873,MP85874
CRI Standard	MP85897
LCS Standard	
Chk Standard	MP85876,MP85877

94	Q2177-04DUP	B-187-SB02DUP	DUP	06/10/25 21:44		Jaswal	OK
95	Q2177-04L	B-187-SB02L	SD	06/10/25 21:48		Jaswal	OK
96	Q2177-04MS	B-187-SB02MS	MS	06/10/25 21:52		Jaswal	OK
97	Q2177-04MSD	B-187-SB02MSD	MSD	06/10/25 21:56		Jaswal	OK
98	Q2177-04A	B-187-SB02A	PS	06/10/25 22:00	0.1ML EACH M6004, M6013-10ML SAMPLE	Jaswal	OK
99	CCV08	CCV08	CCV	06/10/25 22:04		Jaswal	OK
100	CCB08	CCB08	CCB	06/10/25 22:08		Jaswal	OK
101	Q2177-06	B-202-SB01	SAM	06/10/25 22:13		Jaswal	OK
102	PB168359BL	PB168359BL	MB	06/10/25 22:17		Jaswal	OK
103	PB168359BS	PB168359BS	LCS	06/10/25 22:21		Jaswal	OK
104	Q2244-04	TP03-MHC	SAM	06/10/25 22:25		Jaswal	OK
105	Q2260-04	TP10-MHG-WC	SAM	06/10/25 22:30		Jaswal	OK
106	Q2262-02	ARS20-0032	SAM	06/10/25 22:34		Jaswal	OK
107	Q2262-04	ARS20-0001	SAM	06/10/25 22:39		Jaswal	OK
108	Q2265-04	TP11-MHL-WC	SAM	06/10/25 22:43		Jaswal	OK
109	Q2266-04	WC-3	SAM	06/10/25 22:48		Jaswal	OK
110	Q2266-08	WC-5	SAM	06/10/25 22:52		Jaswal	OK
111	CCV09	CCV09	CCV	06/10/25 22:56		Jaswal	OK
112	CCB09	CCB09	CCB	06/10/25 23:01		Jaswal	OK

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB136097

Review By	Janvi	Review On	6/11/2025 10:49:51 AM
Supervise By	jaswal	Supervise On	6/11/2025 2:45:55 PM

STD. NAME	STD REF.#
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868
ICV Standard	MP85934
CCV Standard	MP85875
ICSA Standard	MP85873,MP85874
CRI Standard	MP85897
LCS Standard	
Chk Standard	MP85876,MP85877

113	Q2266-08DUP	WC-5DUP	DUP	06/10/25 23:05		Jaswal	OK
114	Q2266-08L	WC-5L	SD	06/10/25 23:09		Jaswal	OK
115	Q2266-08MS	WC-5MS	MS	06/10/25 23:14		Jaswal	OK
116	Q2266-08MSD	WC-5MSD	MSD	06/10/25 23:18		Jaswal	OK
117	Q2266-08A	WC-5A	PS	06/10/25 23:32	0.1ML EACH M6004, M6013-10ML SAMPLE	Jaswal	OK
118	PB168333TB	PB168333TB	MB	06/10/25 23:36		Jaswal	OK
119	PB168384BL	PB168384BL	MB	06/10/25 23:41		Jaswal	OK
120	PB168384BS	PB168384BS	LCS	06/10/25 23:45		Jaswal	OK
121	Q2253-01	RW8-SP100-2025060	SAM	06/10/25 23:49		Jaswal	OK
122	Q2253-02	RW8-SP303-2025060	SAM	06/10/25 23:53		Jaswal	OK
123	CCV10	CCV10	CCV	06/10/25 23:57		Jaswal	OK
124	CCB10	CCB10	CCB	06/11/25 00:02		Jaswal	OK
125	Q2253-02DUP	RW8-SP303-2025060	DUP	06/11/25 00:06		Jaswal	OK
126	Q2253-02L	RW8-SP303-2025060	SD	06/11/25 00:10		Jaswal	OK
127	Q2253-02MS	RW8-SP303-2025060	MS	06/11/25 00:15		Jaswal	OK
128	Q2253-02MSD	RW8-SP303-2025060	MSD	06/11/25 00:19		Jaswal	OK
129	Q2253-02A	RW8-SP303-2025060	PS	06/11/25 01:01	0.1ML EACH M6004, M6013-10ML SAMPLE	Jaswal	OK
130	PB168385BL	PB168385BL	MB	06/11/25 01:05		Jaswal	OK
131	PB168385BS	PB168385BS	LCS	06/11/25 01:09		Jaswal	OK

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Instrument ID: P4

Daily Analysis Runlog For Sequence/QCBatch ID # LB136097

Review By	Janvi	Review On	6/11/2025 10:49:51 AM
Supervise By	jaswal	Supervise On	6/11/2025 2:45:55 PM

STD. NAME	STD REF.#
ICAL Standard	MP85867,MP85897,MP85871,MP85870,MP85869,MP85868
ICV Standard	MP85934
CCV Standard	MP85875
ICSA Standard	MP85873,MP85874
CRI Standard	MP85897
LCS Standard	
Chk Standard	MP85876,MP85877

132	Q2271-01	TP12-MHK-WC	SAM	06/11/25 01:13		Jaswal	OK
133	Q2272-01	TP-6	SAM	06/11/25 01:17		Jaswal	OK
134	Q2273-01	WC-4	SAM	06/11/25 01:21		Jaswal	OK
135	CCV11	CCV11	CCV	06/11/25 01:35		Jaswal	OK
136	CCB11	CCB11	CCB	06/11/25 01:39		Jaswal	OK
137	Q2273-05	WC-6	SAM	06/11/25 01:44		Jaswal	OK
138	Q2274-01	TP-13-MHP-WC	SAM	06/11/25 01:48		Jaswal	OK
139	Q2274-01DUP	TP-13-MHP-WCDUP	DUP	06/11/25 01:52		Jaswal	OK
140	Q2274-01L	TP-13-MHP-WCL	SD	06/11/25 01:56		Jaswal	OK
141	Q2274-01MS	TP-13-MHP-WCMS	MS	06/11/25 02:01		Jaswal	OK
142	Q2274-01MSD	TP-13-MHP-WCMSD	MSD	06/11/25 02:05		Jaswal	OK
143	Q2274-01A	TP-13-MHP-WCA	PS	06/11/25 02:09	0.1ML EACH M6004, M6013-10ML SAMPLE	Jaswal	OK
144	CCV12	CCV12	CCV	06/11/25 02:21		Jaswal	OK
145	CCB12	CCB12	CCB	06/11/25 02:25		Jaswal	OK

Alliance TECHNICAL GROUP

Water Metals Preparation Sheet

PB168284

SOP ID : M3010A-Digestion-17

SB 06/10/25

SDG No : N/A

Start Digest Date: 06/05/2025 **Time :** ~~12:35~~ 13:35 **Temp :** 96 °C

Matrix : WATER

End Digest Date: 06/05/2025 **Time :** 15:40 **Temp :** 96 °C

Pippete ID: ICP A

Digestion tube ID: M5595

Balance ID : N/A

Block thermometer ID: MET-DIG. #1

Filter paper ID : N/A

Dig Technician Signature: SDS

pH Strip ID : M6069

Supervisor Signature:

Hood ID : #3

Temp : **1.** 96°C **2.** N/A

Block ID: **1.** HOT BLOCK #1 **2.** N/A

Standared Name	MLS USED	STD REF. # FROM LOG
LFS-1	0.25	M6007
LFS-2	0.25	M6016
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Conc. HNO3	3.00	M6158
1:1 HCL	5.00	MP85156
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

HOT BLOCK#1 CELL#50 96 C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
06/05/25 16:40	SDS met dig	Metals Lab
	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

Water Metals Preparation Sheet

PB168284

Lab Sample ID	Client Sample ID	pH	Initial Vol (ml)	Final Vol (ml)	Color Before	Color After	Clarity Before	Clarity After	Comment	Prep Pos
PB168284BL	PBW284	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	1
PB168284BS	LCS284	<2	50	25	Colorless	Colorless	Clear	Clear	M6007,M6016	2
Q2197-01	DSN002	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	3
Q2197-03	DSN001	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	4
Q2197-05	DSN003	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	5
Q2197-05MS	DSN003MS	<2	50	25	Colorless	Colorless	Clear	Clear	M6007,M6016	7
Q2197-05MSD	DSN003MSD	<2	50	25	Colorless	Colorless	Clear	Clear	M6007,M6016	8
Q2197-05DUP	DSN003DUP	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	6
Q2210-01	TW1	<2	50	25	Brown	light Brown	Clear	Clear	N/A	9
Q2218-03	3309	<2	50	50	Brown	Light Brown	Clear	Clear	N/A	10
Q2237-02	TW-WTS-10	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	11
Q2243-01	WATER-TREATMENT-DISCHARGE	<2	50	25	Colorless	Colorless	Clear	Clear	N/A	12

Alliance TECHNICAL GROUP

Water Mercury Preparation Sheet

PB168317

SOP ID : M7470A-Mercury-20

SDG No : NA

Matrix : WATER

Pippete ID: HG A

Balance ID : N/A

Filter paper ID : NA

pH Strip ID : M6069

Hood ID : #1

Block ID: 1. HG HOT BLOCK#3 2. N/A

Start Digest Date: 06/05/2025 **Time :** 14:05 **Temp :** 94 °C

End Digest Date: 05/29/2025 **Time :** 16:05 **Temp :** 95 °C

Digestion tube ID: M5595

Block thermometer ID: HG-DIG#3

Dig Technician Signature: MB

Supervisor Signature: 12

Temp : 1. 94°C 2. N/A

Standared Name	MLS USED	STD REF. # FROM LOG
ICV	30mL	MP85905
CCV	30mL	MP85907
CRA	30mL	MP85909
Blank Spike	0.48mL	MP85898
Matrix Spike	0.48mL	MP85898

Chemical Used	ML/SAMPLE USED	Lot Number
HNO3/H2SO4(1:2)	2.25mL	MP85892
KMnO4 (5%)	4.5mL	MP85893
K2S2O8 (5%)	2.4mL	MP85894
Hydroxylamine HCL (12%)	1.8mL	MP85895
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

LAB SAMPLE ID	CLIENT SAMPLE ID	Wt(g)/Vol(ml)	Comment
0.0 ppb	S0	30mL	MP85899
0.05 ppb	S0.05	N/A	N/A
0.2 ppb	S0.2	30mL	MP85900
2.5 ppb	S2.5	30mL	MP85901
5.0 ppb	S5.0	30mL	MP85902
7.5 ppb	S7.5	30mL	MP85903
10.0 ppb	S10.0	30mL	MP85904
ICV	ICV	30mL	MP85905
ICB	ICB	30mL	MP85906
CCV	CCV	30mL	MP85907
CCB	CCB	30mL	MP85908
CRI	CRI	30mL	MP85909
CHK STD	CHK STD	30mL	MP85910

Extraction Conformance/Non-Conformance Comments:

N/A

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
5/5/25 @ 16:40	DS9 - DD3 : Lab	MB - Metal Lab
	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

Water Mercury Preparation Sheet

PB168317

Lab Sample ID	Client Sample ID	Initial Vol (ml)	Final Vol (ml)	pH	Comment	Prep Pos
PB168317BL	PBW317	30	30	<2	N/A	3-24
PB168317BS	LCS317	30	30	<2	MP85898	25
Q2175-09	52725	30	30	<2	N/A	26
Q2198-05	B-202-GW01	30	30	<2	N/A	27
Q2210-01	TW1	30	30	<2	N/A	28
Q2216-02	3887	30	30	<2	N/A	29
Q2216-02DUP	3887DUP	30	30	<2	N/A	30
Q2216-02MS	3887MS	30	30	<2	MP85898	31
Q2216-02MSD	3887MSD	30	30	<2	MP85898	32
Q2216-03	3888	30	30	<2	N/A	33
Q2216-04	3864	30	30	<2	N/A	34
Q2216-05	3865	30	30	<2	N/A	35
Q2216-06	3851	30	30	<2	N/A	36
Q2218-03	3309	30	30	<2	N/A	37
Q2221-02	34900	30	30	<2	N/A	38

SHIPPING DOCUMENTS

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

ALLIANCE PROJECT NO.
QUOTE NO. Q2210
COC Number 2046407

9
9.1

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: G Environmental
ADDRESS: 8 Carriage Lane
CITY Succasunna STATE: NJ ZIP:
ATTENTION:
PHONE: FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: Stockton
PROJECT NO.: LOCATION: NJ
PROJECT MANAGER: G
e-mail:
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: G Environmental PO#:
ADDRESS: 8 Carriage
CITY Succasunna STATE: NJ ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX (RUSH) Standard DAYS*
HARDCOPY (DATA PACKAGE): Standard DAYS*
EDD: DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

- ☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)
- ☐ Level 2 (Results + QC) X ☐ NJ Reduced ☐ US EPA CLP
- ☐ Level 3 (Results + QC + Raw Data) ☐ NYS ASP A ☐ NYS ASP B ☐ Other
- X EDD FORMAT Mash to pdf excel

ANALYSIS

1: TCL VOCs TBA+MBE 2: TCL BNA's (No phenols) 3: low level BN 4: TAL Metals 5: 6: 7: 8: 9:

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
								HCl			HNO3						← Specify Preservatives A-HCl D-NaOH B-HN03 E-ICE C-H2SO4 F-OTHER
1.	TW1	GW		X	6/3/25	1510	5	X	X	X	X						
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:	DATE/TIME:	RECEIVED BY:
1.		1. 13:10 6/4/25
2.		2.
3.		3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 3.9 °C
Comments: No phenols

Page ____ of
CLIENT: ☐ Hand Delivered ☐ Other
Shipment Complete ☐ YES ☐ NO

Copyright © 2024

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2210 GENV01
Client Name : G Environmental
Client Contact : Gary Landis
Invoice Name : G Environmental
Invoice Contact : Gary Landis

Order Date : 6/4/2025 1:53:00 PM
Project Name : Stockton
Receive DateTime : 6/4/2025 1:10:00 PM
Purchase Order :

Project Mgr :
Report Type : ~~Level+~~ NJ Reduce
EDD Type : Excel NJ
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q2210-01	TW1	Water	06/03/2025	15:00					
					VOCMS Group1		8260-Low		10 Bus. Days

Relinguished By : CL
Date / Time : 6/4/25 14:35

Received By : Sam
Date / Time : 06/04/25 14:37

NJ H 4

Storage Area : VOA Refridgerator Room