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

DATA PACKAGE

GENERAL CHEMISTRY
METALS
SEMI-VOLATILE ORGANICS
VOLATILE ORGANICS

PROJECT NAME : FORMER SCHLUMBERGER STC PTC SITE D3868221

JACOBS ENGINEERING GROUP, INC.

412 Mt. Kemble Ave

Downtown Building

Morristown, NJ - 07960

Phone No: 9732670555

ORDER ID : Q2234

ATTENTION : John Ynfante

Laboratory Certification ID # 20012

Table Of Contents for Q2234

DATA OF KNOWN QUALITY CONFORMANCE/NON-CONFORMANCE SUMMARY QUESTIONNAIRE

Laboratory Name : Alliance Technical Group LLC

Client : JACOBS Engineering Group, Inc.

Project Location : Princeton Junction

Project Number : D3868221

Laboratory Sample ID(s) : Q2234

Sampling Date(s) : 06/04/2025

List DKQP Methods Used (e.g., 8260,8270, et Cetra) **8260D,SM2320 B,9056A,6020B,SM2540 C,8270-Modified,**

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.”

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Cover Page

Order ID : Q2234

Project ID : Former Schlumberger STC PTC Site D3868221

Client : JACOBS Engineering Group, Inc.

Lab Sample Number	Client Sample Number
Q2234-01	MW-17B-55-060425
Q2234-02	MW-17B-55-060425MS
Q2234-03	MW-17B-55-060425MSD
Q2234-04	MW-17B-55-060425-SIM
Q2234-05	MW-18B-56-060425
Q2234-06	MW-18B-56-060425-FD
Q2234-07	MW-19B-72-060425
Q2234-08	MW-17B-55-060425
Q2234-09	MW-17B-55-060425MS
Q2234-10	MW-17B-55-060425MSD
Q2234-11	MW-18B-56-060425
Q2234-12	MW-18B-56-060425-FD
Q2234-13	MW-19B-72-060425

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 : _____ Date: 6/17/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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CASE NARRATIVE

JACOBS Engineering Group, Inc.
Project Name: Former Schlumberger STC PTC Site D3868221
Project # N/A
Order ID # Q2234
Test Name: VOCMS Group3

A. Number of Samples and Date of Receipt:
13 Water samples were received on 06/05/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: Alkalinity, Anions Group1, Dissolved ICP-Group2, Dissolved Metals Group3, Mercury, Metals Group4, Metals ICP-TAL, METALS-TAL, SVOC-SIMGroup1, TDS, VOC-TRACE-SFAM and VOCMS Group3. This data package contains results for VOCMS Group3.

C. Analytical Techniques:
The analysis performed on instrument MSVOA_X were done using GC column DB-624UI 20m 0.18mm 1.0 um. Cat#121-1324UIThe analysis of VOCMS Group3 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 met the requirements.
The Tuning criteria met requirements.

Sample MW-17B-55-060425 was diluted at straight dilution after checking past history of this sample.

Sample MW-17B-55-060425 was diluted due to high concentration.

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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.

The SIM analysis is not required for the sample MW-17B-55-060425-SIM as all the SIM target analytes are detected at or above the sample adjusted CRQLs in the full scan analysis, a SIM analysis is not to be performed for that sample."

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_____

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CASE NARRATIVE

JACOBS Engineering Group, Inc.
Project Name: Former Schlumberger STC PTC Site D3868221
Project # N/A
Order ID # Q2234
Test Name: SVOC-SIMGroup1

A. Number of Samples and Date of Receipt:
13 Water samples were received on 06/05/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: Alkalinity, Anions Group1, Dissolved ICP-Group2, Dissolved Metals Group3, Mercury, Metals Group4, Metals ICP-TAL, METALS-TAL, SVOC-SIMGroup1, TDS, VOC-TRACE-SFAM and VOCMS Group3. This data package contains results for SVOC-SIMGroup1.

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 SVOC-SIMGroup1 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 except for,
MW-17B-55-060425 [Terphenyl-d14 - 137%],
MW-19B-72-060425 [Terphenyl-d14 - 156%] and
MW-19B-72-060425DL [Terphenyl-d14 - 154%]. This compound did not meet the NJDKQP criteria but met the in-house criteria.

The Internal Standards Areas met the acceptable requirements.
The Retention Times were acceptable for all samples.

The MS {Q2250-02MS} with File ID: BN037192.D recoveries met the requirements for all compounds except for 1,4-Dioxane[167%] . This compound did not meet the NJDKQP criteria but met the in-house criteria.

The MSD {Q2250-03MSD} with File ID: BN037193.D recoveries met the acceptable requirements except for 1,4-Dioxane[200%] . these compounds did not meet the NJDKQP criteria and in-house criteria due to matrix interference.

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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.

Sample MW-19B-72-060425 was diluted due to high concentration.

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.

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CASE NARRATIVE

JACOBS Engineering Group, Inc.
Project Name: Former Schlumberger STC PTC Site D3868221
Project # N/A
Order ID # Q2234
Test Name: Dissolved ICP-Group2,Metals Group4

A. Number of Samples and Date of Receipt:
13 Water samples were received on 06/05/2025.

B. Parameters:
According to the Chain of Custody document, the following analyses were requested: Alkalinity, Anions Group1, Dissolved ICP-Group2, Dissolved Metals Group3, Mercury, Metals Group4, Metals ICP-TAL, METALS-TAL, SVOC-SIMGroup1, TDS, VOC-TRACE-SFAM and VOCMS Group3. This data package contains results for Dissolved ICP-Group2,Metals Group4.

C. Analytical Techniques:
The analysis of Dissolved ICP-Group2,Metals Group4 was based on method 6020B and digestion based on method 3010 (waters).

D. QA/ QC Samples:
The Holding Times were met for all analysis.
The Blank Spike met requirements for all samples.
The Duplicate analysis met criteria for all samples.
The Matrix Spike (MW-17B-55-060425MS) analysis met criteria for all samples except for Silver due to Chemical Interference during Digestion Process.
The Matrix Spike Duplicate (MW-17B-55-060425MSD) analysis met criteria for all samples except for Silver 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:

The Post Digest Spike (MW-17B-55-060425A) analysis met criteria for all elements except for Silver due to unknown chemical interference of matrix with the addition of spike amount after digestion and before analysis; matrix has suppression effect during addition of spike.
Sample Q2234-01, Q2234-05, Q2234-06, Q2234-07 analyzed as Total Metal and Sample Q2234-08, Q2234-11, Q2234-12, Q2234-13 analyzed as Dissolved Metal.

Collision cell is being used to remove potential interferences. The analytes Na, Mg, Al, K, V, Cr, Mn, Fe, Co, Ni, Cu, Zn, As are being analyzed with collision cell and analytes Be, B, Ca, Ti, Se, Sr, Zr, Mo, Ag, Cd, Sn, Sb, Ba, Tl, Pb, U are being analyzed with Non-Collision Cell. Helium gas is used for the Collision Cell analysis.

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Signature_____

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CASE NARRATIVE

JACOBS Engineering Group, Inc.
Project Name: Former Schlumberger STC PTC Site D3868221
Project # N/A
Order ID # Q2234
Test Name: Alkalinity,Anions Group1,TDS

A. Number of Samples and Date of Receipt:
13 Water samples were received on 06/05/2025.

B. Parameters:
According to the Chain of Custody document, the following analyses were requested: Alkalinity, Anions Group1, Dissolved ICP-Group2, Dissolved Metals Group3, Mercury, Metals Group4, Metals ICP-TAL, METALS-TAL, SVOC-SIMGroup1, TDS, VOC-TRACE-SFAM and VOCMS Group3. This data package contains results for Alkalinity,Anions Group1,TDS.

C. Analytical Techniques:
The analysis of Anions Group1 was based on method 9056A, The analysis of Alkalinity was based on method SM2320 B and The analysis of TDS was based on method SM2540 C.

D. QA/ QC Samples:

The Holding Times were met for all analysis.
Sample MW-17B-55-060425 was diluted due to high concentrations for Chloride & Sample MW-18B-56-060425 was diluted due to high concentrations for Chloride,Sulfate & Sample MW-18B-56-060425-FD was diluted due to high concentrations for Chloride,Sulfate & Sample MW-19B-72-060425 was diluted due to high concentrations for Chloride,Sulfate.

The Blank Spike met requirements for all samples.
The Duplicate analysis met criteria for all samples.

The Matrix Spike analysis met criteria for all samples.

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

E. Additional Comments:

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_____

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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

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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

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q2234

	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:** 06/17/2025

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Hit Summary Sheet
SW-846

SDG No.: Q2234

Client: JACOBS Engineering Group, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:	**MW-17B-55-060425**							
Q2234-01	MW-17B-55-06042	Water	Vinyl Chloride	13.5		2.60	10.0	ug/L
Q2234-01	MW-17B-55-06042	Water	1,1-Dichloroethene	26.9		2.30	10.0	ug/L
Q2234-01	MW-17B-55-06042	Water	cis-1,2-Dichloroethene	1900	E	1.90	10.0	ug/L
Q2234-01	MW-17B-55-06042	Water	Trichloroethene	4000	E	0.93	10.0	ug/L
Q2234-01	MW-17B-55-06042	Water	Tetrachloroethene	49.1		2.30	10.0	ug/L
			Total Voc :	5990				
			Total Concentration:	5990				
Client ID:	**MW-17B-55-060425DL**							
Q2234-01DL	MW-17B-55-06042	Water	cis-1,2-Dichloroethene	1600	D	19.0	100	ug/L
Q2234-01DL	MW-17B-55-06042	Water	Trichloroethene	3700	D	9.30	100	ug/L
Q2234-01DL	MW-17B-55-06042	Water	Tetrachloroethene	44.2	JD	23.0	100	ug/L
			Total Voc :	5340				
			Total Concentration:	5340				

SAMPLE DATA

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	06/04/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	06/05/25
Client Sample ID:	MW-17B-55-060425	SDG No.:	Q2234
Lab Sample ID:	Q2234-01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046611.D	10		06/10/25 18:11	VX061025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	13.5		2.60	10.0	ug/L
75-35-4	1,1-Dichloroethene	26.9		2.30	10.0	ug/L
75-34-3	1,1-Dichloroethane	2.30	U	2.30	10.0	ug/L
156-59-2	cis-1,2-Dichloroethene	1900	E	1.90	10.0	ug/L
71-55-6	1,1,1-Trichloroethane	2.00	U	2.00	10.0	ug/L
71-43-2	Benzene	1.50	U	1.50	10.0	ug/L
107-06-2	1,2-Dichloroethane	2.20	U	2.20	10.0	ug/L
79-01-6	Trichloroethene	4000	E	0.93	10.0	ug/L
79-00-5	1,1,2-Trichloroethane	2.10	U	2.10	10.0	ug/L
127-18-4	Tetrachloroethene	49.1		2.30	10.0	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	50.7		70 (74) - 130 (125)	101%	SPK: 50
1868-53-7	Dibromofluoromethane	50.1		70 (75) - 130 (124)	100%	SPK: 50
2037-26-5	Toluene-d8	53.7		70 (86) - 130 (113)	107%	SPK: 50
460-00-4	4-Bromofluorobenzene	55.8		70 (77) - 130 (121)	112%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	111000	5.568			
540-36-3	1,4-Difluorobenzene	221000	6.769			
3114-55-4	Chlorobenzene-d5	227000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	117000	12.018			

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
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Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	06/04/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	06/05/25
Client Sample ID:	MW-17B-55-060425DL	SDG No.:	Q2234
Lab Sample ID:	Q2234-01DL	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046599.D	100		06/10/25 13:55	VX061025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	26.0	UD	26.0	100	ug/L
75-35-4	1,1-Dichloroethene	23.0	UD	23.0	100	ug/L
75-34-3	1,1-Dichloroethane	23.0	UD	23.0	100	ug/L
156-59-2	cis-1,2-Dichloroethene	1600	D	19.0	100	ug/L
71-55-6	1,1,1-Trichloroethane	20.0	UD	20.0	100	ug/L
71-43-2	Benzene	15.0	UD	15.0	100	ug/L
107-06-2	1,2-Dichloroethane	22.0	UD	22.0	100	ug/L
79-01-6	Trichloroethene	3700	D	9.30	100	ug/L
79-00-5	1,1,2-Trichloroethane	21.0	UD	21.0	100	ug/L
127-18-4	Tetrachloroethene	44.2	JD	23.0	100	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	50.4		70 (74) - 130 (125)	101%	SPK: 50
1868-53-7	Dibromofluoromethane	50.2		70 (75) - 130 (124)	100%	SPK: 50
2037-26-5	Toluene-d8	54.4		70 (86) - 130 (113)	109%	SPK: 50
460-00-4	4-Bromofluorobenzene	54.7		70 (77) - 130 (121)	109%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	110000	5.562			
540-36-3	1,4-Difluorobenzene	219000	6.769			
3114-55-4	Chlorobenzene-d5	224000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	112000	12.018			

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.: Q2234

Client: JACOBS Engineering Group, Inc.

Analytical Method: SW8260-Low

Lab Sample ID	Client ID	Parameter	Spike	Result	RecoveryQual	Limits Low	Limits High
Q2234-01	MW-17B-55-060425	1,2-Dichloroethane-d4	50	50.7	101	70 (74)	130 (125)
		Dibromofluoromethane	50	50.0	100	70 (75)	130 (124)
		Toluene-d8	50	53.7	107	70 (86)	130 (113)
		4-Bromofluorobenzene	50	55.8	112	70 (77)	130 (121)
Q2234-01DL	MW-17B-55-060425DL	1,2-Dichloroethane-d4	50	50.4	101	70 (74)	130 (125)
		Dibromofluoromethane	50	50.2	100	70 (75)	130 (124)
		Toluene-d8	50	54.4	109	70 (86)	130 (113)
		4-Bromofluorobenzene	50	54.7	109	70 (77)	130 (121)
VX0610WBL01	VX0610WBL01	1,2-Dichloroethane-d4	50	50.1	100	70 (74)	130 (125)
		Dibromofluoromethane	50	50.1	100	70 (75)	130 (124)
		Toluene-d8	50	54.3	109	70 (86)	130 (113)
		4-Bromofluorobenzene	50	54.8	110	70 (77)	130 (121)
VX0610WBS01	VX0610WBS01	1,2-Dichloroethane-d4	50	47.4	95	70 (74)	130 (125)
		Dibromofluoromethane	50	53.0	106	70 (75)	130 (124)
		Toluene-d8	50	51.5	103	70 (86)	130 (113)
		4-Bromofluorobenzene	50	53.1	106	70 (77)	130 (121)
VX0610WBSD0	VX0610WBSD01	1,2-Dichloroethane-d4	50	49.3	99	70 (74)	130 (125)
		Dibromofluoromethane	50	52.3	105	70 (75)	130 (124)
		Toluene-d8	50	51.0	102	70 (86)	130 (113)
		4-Bromofluorobenzene	50	52.4	105	70 (77)	130 (121)

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2234

Client: JACOBS Engineering Group, Inc.

Analytical Method: SW8260D **Datafile :** VX046589.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0610WBS01	Vinyl chloride	20	18.7	ug/L	94			70 (65)	130 (117)	
	1,1-Dichloroethene	20	19.2	ug/L	96			70 (74)	130 (110)	
	1,1-Dichloroethane	20	20.4	ug/L	102			70 (78)	130 (112)	
	cis-1,2-Dichloroethene	20	20.6	ug/L	103			70 (77)	130 (110)	
	1,1,1-Trichloroethane	20	20.6	ug/L	103			70 (80)	130 (108)	
	Benzene	20	21.0	ug/L	105			70 (82)	130 (109)	
	1,2-Dichloroethane	20	20.8	ug/L	104			70 (80)	130 (115)	
	Trichloroethene	20	20.1	ug/L	101			70 (77)	130 (113)	
	1,1,2-Trichloroethane	20	21.6	ug/L	108			70 (83)	130 (112)	
	Tetrachloroethene	20	20.3	ug/L	102			70 (67)	130 (123)	

( ) = LABORATORY INHOUSE LIMIT

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Fax : 908 789 8922

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2234

Client: JACOBS Engineering Group, Inc.

Analytical Method: SW8260D **Datafile :** VX046590.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VX0610WBSD01	Vinyl chloride	20	19.1	ug/L	96	2		70 (65)	130 (117)	20 (19)
	1,1-Dichloroethene	20	19.8	ug/L	99	3		70 (74)	130 (110)	20 (20)
	1,1-Dichloroethane	20	20.7	ug/L	104	2		70 (78)	130 (112)	20 (20)
	cis-1,2-Dichloroethene	20	20.5	ug/L	103	0		70 (77)	130 (110)	20 (20)
	1,1,1-Trichloroethane	20	20.9	ug/L	104	1		70 (80)	130 (108)	20 (20)
	Benzene	20	20.6	ug/L	103	2		70 (82)	130 (109)	20 (15)
	1,2-Dichloroethane	20	20.6	ug/L	103	1		70 (80)	130 (115)	20 (20)
	Trichloroethene	20	19.8	ug/L	99	2		70 (77)	130 (113)	20 (15)
	1,1,2-Trichloroethane	20	22.3	ug/L	112	4		70 (83)	130 (112)	20 (20)
	Tetrachloroethene	20	19.8	ug/L	99	3		70 (67)	130 (123)	20 (15)

( ) = LABORATORY INHOUSE LIMIT

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Fax : 908 789 8922

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VX0610WBL01

Lab Name: CHEMTECH Contract: JACO05

Lab Code: CHEM Case No.: Q2234 SAS No.: Q2234 SDG NO.: Q2234

Lab File ID: VX046588.D Lab Sample ID: VX0610WBL01

Date Analyzed: 06/10/2025 Time Analyzed: 09:57

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

Instrument ID: MSVOA_X

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VX0610WBS01	VX0610WBS01	VX046589.D	06/10/2025
VX0610WBSD01	VX0610WBSD01	VX046590.D	06/10/2025
MW-17B-55-060425DL	Q2234-01DL	VX046599.D	06/10/2025
MW-17B-55-060425	Q2234-01	VX046611.D	06/10/2025

COMMENTS:

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: JACO05

Lab Code: CHEM Case No.: Q2234 SAS No.: Q2234 SDG NO.: Q2234

Lab File ID: VX046516.D BFB Injection Date: 06/06/2025

Instrument ID: MSVOA_X BFB Injection Time: 08:47

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	21
75	30.0 - 60.0% of mass 95	56.5
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.5
173	Less than 2.0% of mass 174	0.6 (1) 1
174	50.0 - 100.0% of mass 95	65.2
175	5.0 - 9.0% of mass 174	5 (7.7) 1
176	95.0 - 101.0% of mass 174	62.7 (96.1) 1
177	5.0 - 9.0% of mass 176	4.2 (6.6) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC005	VSTDICC005	VX046518.D	06/06/2025	09:42
VSTDICC020	VSTDICC020	VX046519.D	06/06/2025	10:18
VSTDICCC050	VSTDICCC050	VX046520.D	06/06/2025	10:40
VSTDICC100	VSTDICC100	VX046521.D	06/06/2025	11:02
VSTDICC150	VSTDICC150	VX046522.D	06/06/2025	11:25
VSTDICC001	VSTDICC001	VX046524.D	06/06/2025	12:57

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Fax : 908 789 8922

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: JACO05

Lab Code: CHEM Case No.: Q2234 SAS No.: Q2234 SDG NO.: Q2234

Lab File ID: VX046585.D BFB Injection Date: 06/10/2025

Instrument ID: MSVOA_X BFB Injection Time: 08:36

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	20.5
75	30.0 - 60.0% of mass 95	55
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0.3 (0.4) 1
174	50.0 - 100.0% of mass 95	70.1
175	5.0 - 9.0% of mass 174	5.3 (7.6) 1
176	95.0 - 101.0% of mass 174	68.4 (97.6) 1
177	5.0 - 9.0% of mass 176	4.6 (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
VSTDCCC050	VSTDCCC050	VX046586.D	06/10/2025	09:07
VX0610WBL01	VX0610WBL01	VX046588.D	06/10/2025	09:57
VX0610WBS01	VX0610WBS01	VX046589.D	06/10/2025	10:18
VX0610WBSD01	VX0610WBSD01	VX046590.D	06/10/2025	10:44
MW-17B-55-060425DL	Q2234-01DL	VX046599.D	06/10/2025	13:55
MW-17B-55-060425	Q2234-01	VX046611.D	06/10/2025	18:11

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: JACO05

Lab Code: CHEM Case No.: Q2234 SAS No.: Q2234 SDG NO.: Q2234

Lab File ID: VX046586.D Date Analyzed: 06/10/2025

Instrument ID: MSVOA_X Time Analyzed: 09:07

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	90758	5.56	150623	6.76	134767	10.06
UPPER LIMIT	181516	6.056	301246	7.263	269534	10.555
LOWER LIMIT	45379	5.056	75311.5	6.263	67383.5	9.555
EPA SAMPLE NO.						
MW-17B-55-060425	110890	5.57	220616	6.77	227088	10.06
MW-17B-55-060425DL	110214	5.56	218656	6.77	224113	10.06
VX0610WBL01	106110	5.56	211553	6.77	217338	10.06
VX0610WBS01	84052	5.56	143506	6.77	131426	10.06
VX0610WBSD01	79698	5.56	139229	6.77	126313	10.06

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.

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: JACO05

Lab Code: CHEM Case No.: Q2234 SAS No.: Q2234 SDG NO.: Q2234

Lab File ID: VX046586.D Date Analyzed: 06/10/2025

Instrument ID: MSVOA_X Time Analyzed: 09:07

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS4 AREA #	RT #				
12 HOUR STD	66941	12.018				
UPPER LIMIT	133882	12.518				
LOWER LIMIT	33470.5	11.518				
EPA SAMPLE NO.						
MW-17B-55-060425	116641	12.02				
MW-17B-55-060425DL	112148	12.02				
VX0610WBL01	104374	12.02				
VX0610WBS01	68222	12.02				
VX0610WBSD01	65284	12.02				

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:	JACOBS Engineering Group, Inc.	Date Collected:	
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	
Client Sample ID:	VX0610WBL01	SDG No.:	Q2234
Lab Sample ID:	VX0610WBL01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046588.D	1		06/10/25 09:57	VX061025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	0.26	U	0.26	1.00	ug/L
75-35-4	1,1-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
156-59-2	cis-1,2-Dichloroethene	0.19	U	0.19	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.20	U	0.20	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
79-00-5	1,1,2-Trichloroethane	0.21	U	0.21	1.00	ug/L
127-18-4	Tetrachloroethene	0.23	U	0.23	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	50.1		70 (74) - 130 (125)	100%	SPK: 50
1868-53-7	Dibromofluoromethane	50.1		70 (75) - 130 (124)	100%	SPK: 50
2037-26-5	Toluene-d8	54.3		70 (86) - 130 (113)	109%	SPK: 50
460-00-4	4-Bromofluorobenzene	54.8		70 (77) - 130 (121)	110%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	106000	5.562			
540-36-3	1,4-Difluorobenzene	212000	6.769			
3114-55-4	Chlorobenzene-d5	217000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	104000	12.018			

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:	JACOBS Engineering Group, Inc.	Date Collected:	
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	
Client Sample ID:	VX0610WBS01	SDG No.:	Q2234
Lab Sample ID:	VX0610WBS01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046589.D	1		06/10/25 10:18	VX061025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	18.7		0.26	1.00	ug/L
75-35-4	1,1-Dichloroethene	19.2		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	20.4		0.23	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	20.6		0.19	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	20.6		0.20	1.00	ug/L
71-43-2	Benzene	21.0		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	20.8		0.22	1.00	ug/L
79-01-6	Trichloroethene	20.1		0.090	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	21.6		0.21	1.00	ug/L
127-18-4	Tetrachloroethene	20.3		0.23	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	47.4		70 (74) - 130 (125)	95%	SPK: 50
1868-53-7	Dibromofluoromethane	53.0		70 (75) - 130 (124)	106%	SPK: 50
2037-26-5	Toluene-d8	51.5		70 (86) - 130 (113)	103%	SPK: 50
460-00-4	4-Bromofluorobenzene	53.1		70 (77) - 130 (121)	106%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	84100	5.562			
540-36-3	1,4-Difluorobenzene	144000	6.769			
3114-55-4	Chlorobenzene-d5	131000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	68200	12.018			

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:	JACOBS Engineering Group, Inc.	Date Collected:	
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	
Client Sample ID:	VX0610WBSD01	SDG No.:	Q2234
Lab Sample ID:	VX0610WBSD01	Matrix:	Water
Analytical Method:	8260D	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX046590.D	1		06/10/25 10:44	VX061025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	19.1		0.26	1.00	ug/L
75-35-4	1,1-Dichloroethene	19.8		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	20.7		0.23	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	20.5		0.19	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	20.9		0.20	1.00	ug/L
71-43-2	Benzene	20.6		0.15	1.00	ug/L
107-06-2	1,2-Dichloroethane	20.6		0.22	1.00	ug/L
79-01-6	Trichloroethene	19.8		0.090	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	22.3		0.21	1.00	ug/L
127-18-4	Tetrachloroethene	19.8		0.23	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	49.3		70 (74) - 130 (125)	99%	SPK: 50
1868-53-7	Dibromofluoromethane	52.3		70 (75) - 130 (124)	105%	SPK: 50
2037-26-5	Toluene-d8	51.0		70 (86) - 130 (113)	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.3		70 (77) - 130 (121)	105%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	79700	5.562			
540-36-3	1,4-Difluorobenzene	139000	6.769			
3114-55-4	Chlorobenzene-d5	126000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	65300	12.018			

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

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

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: JACO05

Lab Code: CHEM Case No.: Q2234 SAS No.: Q2234 SDG No.: Q2234

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

Heated Purge: (Y/N) N Calibration Time(s): 09:42 12:57

GC Column: DB-624UI ID: 0.18 (mm)

LAB FILE ID: RRF005 = VX046518.D RRF020 = VX046519.D RRF050 = VX046520.D
RRF100 = VX046521.D RRF150 = VX046522.D RRF001 = VX046524.D

COMPOUND	RRF005	RRF020	RRF050	RRF100	RRF150	RRF001	$\overline{RRF}$	% RSD
Vinyl Chloride	0.697	0.593	0.596	0.591	0.622	0.679	0.630	7.5
1,1-Dichloroethene	0.663	0.550	0.567	0.561	0.585	0.635	0.594	7.6
1,1-Dichloroethane	1.349	1.266	1.259	1.234	1.297	1.281	1.281	3.1
cis-1,2-Dichloroethene	0.786	0.752	0.741	0.728	0.767	0.866	0.773	6.4
1,1,1-Trichloroethane	1.170	1.131	1.141	1.128	1.188	1.131	1.148	2.2
Benzene	1.597	1.503	1.427	1.380	1.442	1.522	1.479	5.3
1,2-Dichloroethane	0.646	0.641	0.610	0.586	0.602	0.606	0.615	3.8
Trichloroethene	0.385	0.356	0.351	0.332	0.354	0.476	0.376	13.8
1,1,2-Trichloroethane	0.375	0.389	0.366	0.356	0.372	0.331	0.365	5.4
Tetrachloroethene	0.347	0.324	0.310	0.301	0.314	0.410	0.334	12.1
1,2-Dichloroethane-d4	0.997	0.848	0.873	0.828	0.900		0.890	7.4
Dibromofluoromethane	0.392	0.353	0.368	0.347	0.379		0.368	5
Toluene-d8	1.362	1.159	1.188	1.132	1.220		1.212	7.4
4-Bromofluorobenzene	0.564	0.482	0.493	0.468	0.501		0.502	7.4

* 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: JACO05

Lab Code: CHEM Case No.: Q2234 SAS No.: Q2234 SDG No.: Q2234

Instrument ID: MSVOA_X Calibration Date/Time: 06/10/2025 09:07

Lab File ID: VX046586.D Init. Calib. Date(s): 06/06/2025 06/06/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 09:42 12:57

GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Vinyl Chloride	0.630	0.640		1.59	20
1,1-Dichloroethene	0.594	0.603		1.51	20
1,1-Dichloroethane	1.281	1.282	0.1	0.08	20
cis-1,2-Dichloroethene	0.773	0.814		5.3	20
1,1,1-Trichloroethane	1.148	1.224		6.62	20
Benzene	1.479	1.615		9.19	20
1,2-Dichloroethane	0.615	0.657		6.83	20
Trichloroethene	0.376	0.395		5.05	20
1,1,2-Trichloroethane	0.365	0.402		10.14	20
Tetrachloroethene	0.334	0.336		0.6	20
1,2-Dichloroethane-d4	0.890	0.757		-14.94	20
Dibromofluoromethane	0.368	0.360		-2.17	20
Toluene-d8	1.212	1.152		-4.95	20
4-Bromofluorobenzene	0.502	0.468		-6.77	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_X\Data\VX061025\
Data File : VX046611.D
Acq On : 10 Jun 2025 18:11
Operator : JC/MD
Sample : Q2234-01 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-17B-55-060425

Quant Time: Jun 11 01:53:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 2025
Response via : Initial Calibration

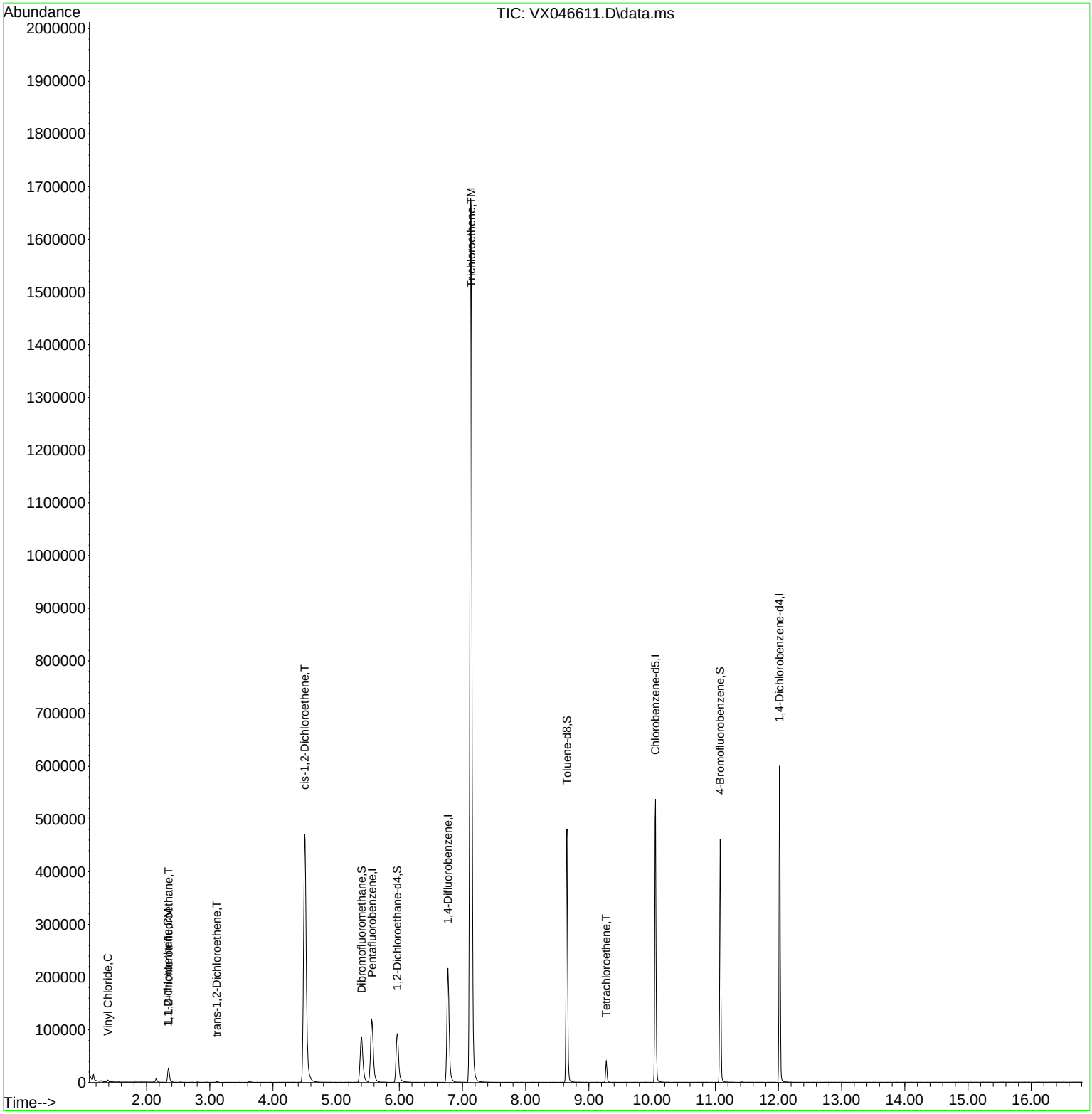
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.568	168	110890	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	220616	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	227088	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	116641	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	99959	50.667	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.340%			
35) Dibromofluoromethane	5.404	113	81202	50.050	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.100%			
50) Toluene-d8	8.653	98	287387	53.729	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.460%			
62) 4-Bromofluorobenzene	11.079	95	123534	55.820	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 111.640%			
Target Compounds						Qvalue
4) Vinyl Chloride	1.386	62	1884	1.349	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.349	101	8884	6.101	ug/l	93
12) 1,1-Dichloroethene	2.337	96	3540	2.689	ug/l	85
21) trans-1,2-Dichloroethene	3.111	96	604	0.434	ug/l #	75
27) cis-1,2-Dichloroethene	4.501	96	317398	185.057	ug/l	86
44) Trichloroethene	7.135	130	662594	399.712	ug/l	97
64) Tetrachloroethene	9.275	164	7455	4.909	ug/l	88

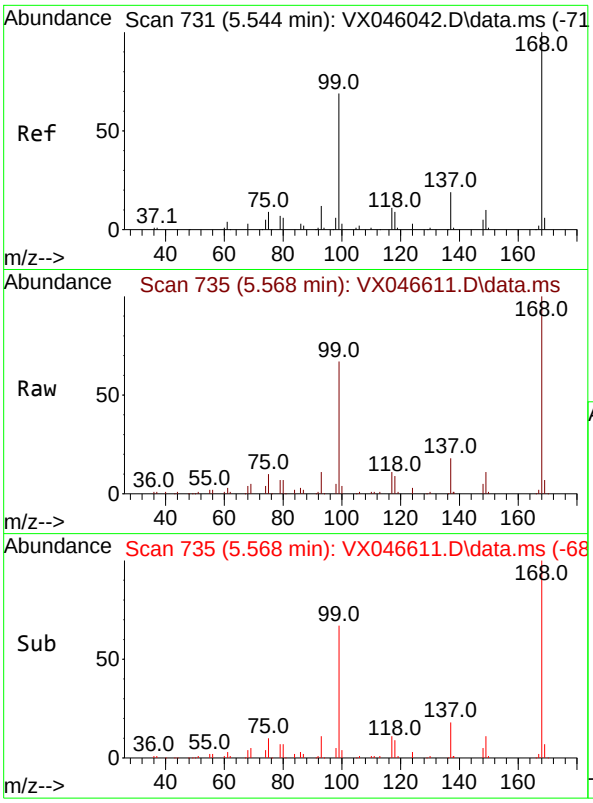
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061025\
Data File : VX046611.D
Acq On : 10 Jun 2025 18:11
Operator : JC/MD
Sample : Q2234-01 10X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-17B-55-060425

Quant Time: Jun 11 01:53:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 2025
Response via : Initial Calibration



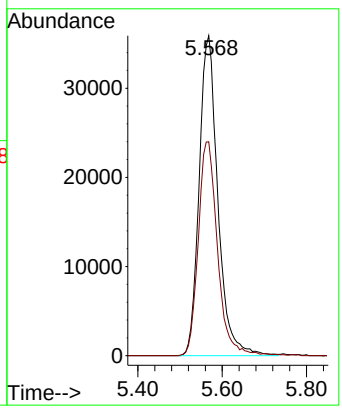


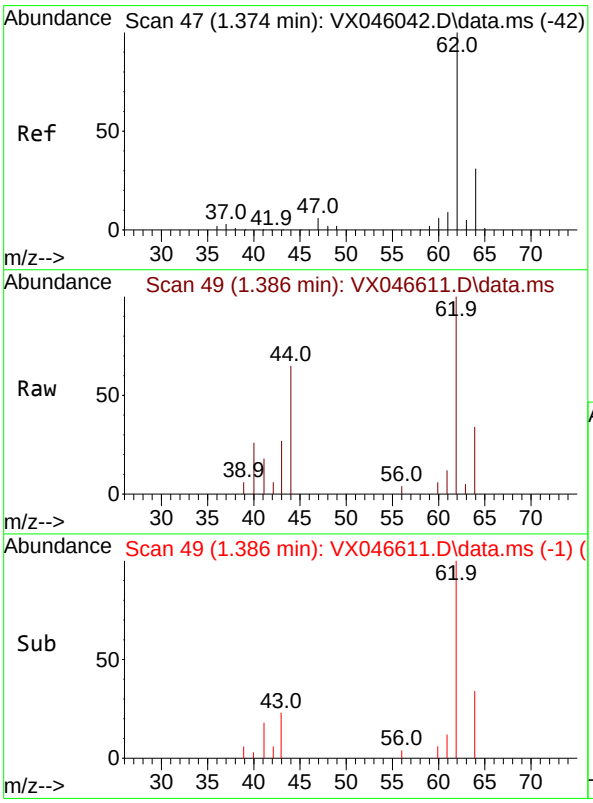
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 7
Delta R.T. 0.000 min
Lab File: VX046611.D
Acq: 10 Jun 2025 18:11

Instrument :
MSVOA_X
ClientSampleId :
MW-17B-55-060425

Tgt Ion:168 Resp: 110890

Ion	Ratio	Lower	Upper
168	100		
99	66.9	54.9	82.3

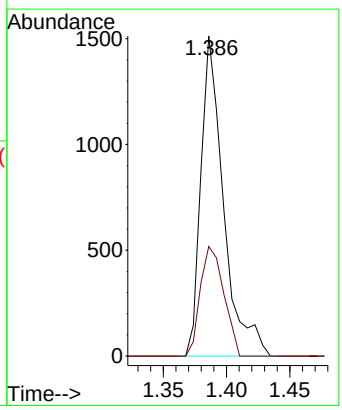


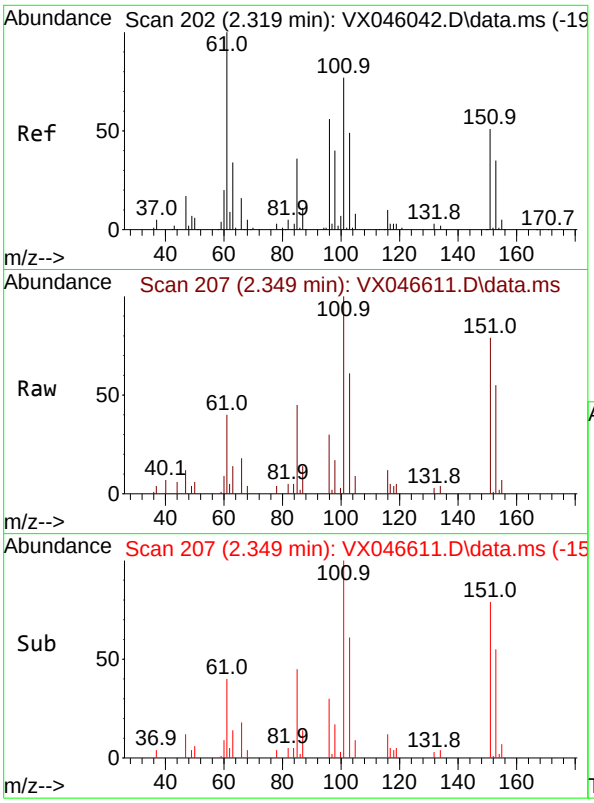


#4
Vinyl Chloride
Concen: 1.349 ug/l
RT: 1.386 min Scan# 49
Delta R.T. -0.000 min
Lab File: VX046611.D
Acq: 10 Jun 2025 18:11

Tgt Ion: 62 Resp: 1884

Ion	Ratio	Lower	Upper
62	100		
64	34.2	25.2	37.8



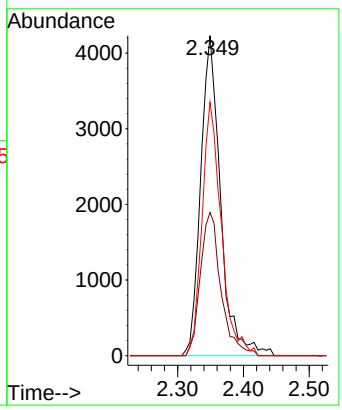


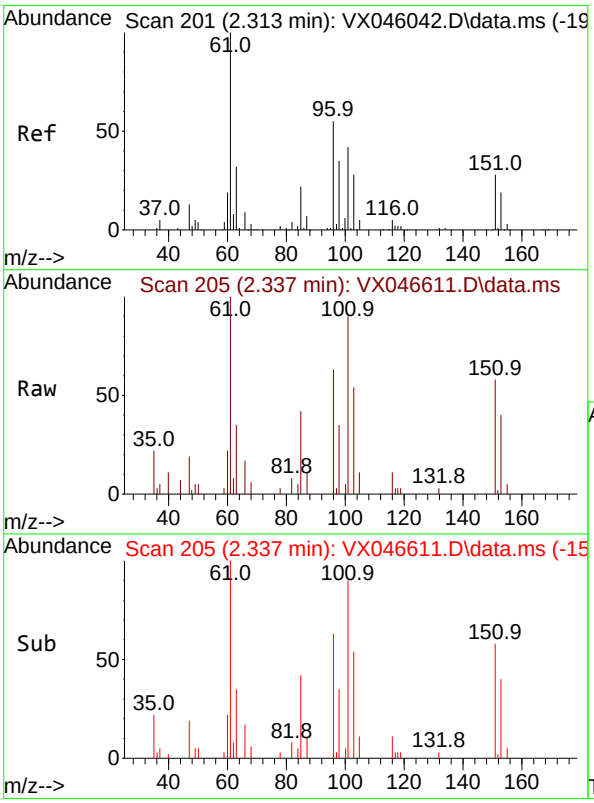
#9
1,1,2-Trichlorotrifluoroethane
Concen: 6.101 ug/l
RT: 2.349 min Scan# 2
Delta R.T. 0.000 min
Lab File: VX046611.D
Acq: 10 Jun 2025 18:11

Instrument :
MSVOA_X
ClientSampleId :
MW-17B-55-060425

Tgt Ion:101 Resp: 8884

Ion	Ratio	Lower	Upper
101	100		
85	46.3	38.6	58.0
151	76.7	55.2	82.8

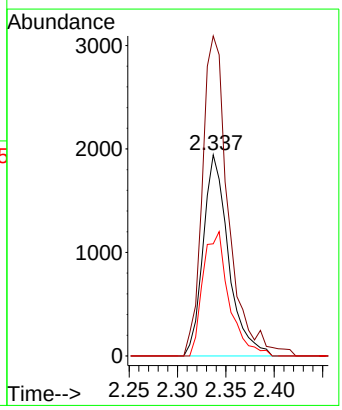


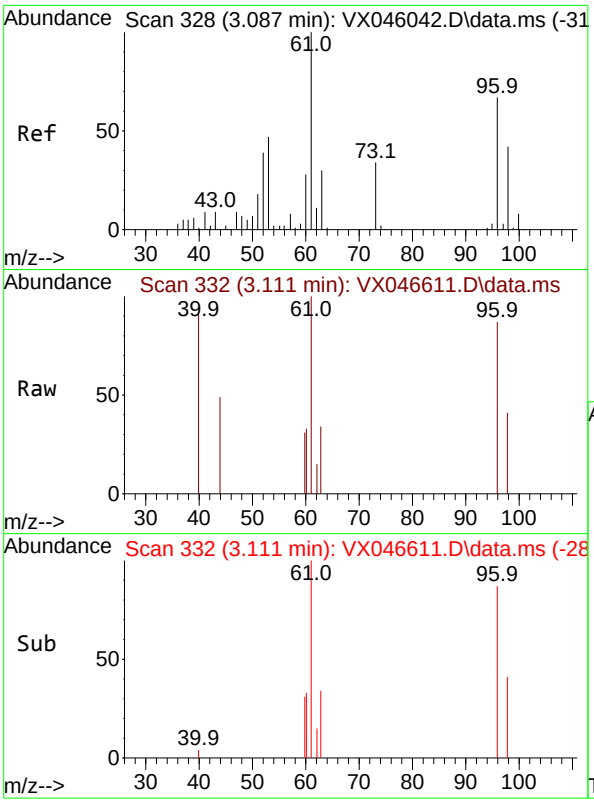


#12
1,1-Dichloroethene
Concen: 2.689 ug/l
RT: 2.337 min Scan# 205
Delta R.T. -0.000 min
Lab File: VX046611.D
Acq: 10 Jun 2025 18:11

Tgt Ion: 96 Resp: 3540

Ion	Ratio	Lower	Upper
96	100		
61	159.1	146.2	219.2
98	55.7	51.0	76.6



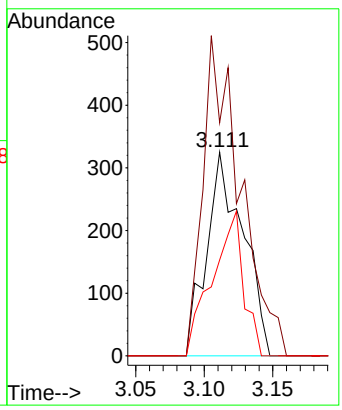


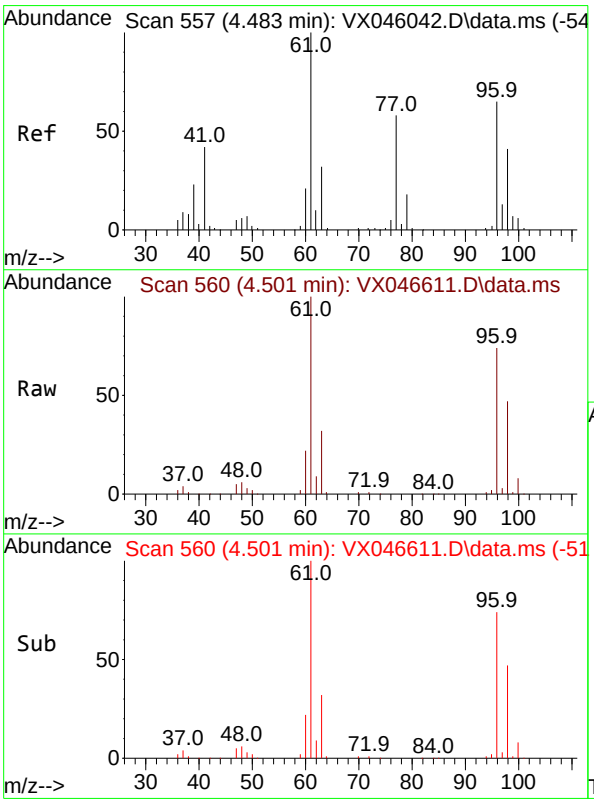
#21
trans-1,2-Dichloroethene
Concen: 0.434 ug/l
RT: 3.111 min Scan# 3
Delta R.T. 0.000 min
Lab File: VX046611.D
Acq: 10 Jun 2025 18:11

Instrument :
MSVOA_X
ClientSampleId :
MW-17B-55-060425

Tgt Ion: 96 Resp: 604

Ion	Ratio	Lower	Upper
96	100		
61	114.5	119.5	179.3#
98	47.1	50.0	75.0#

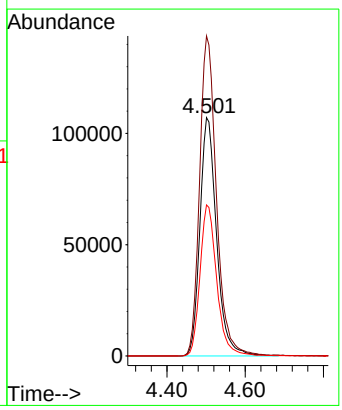


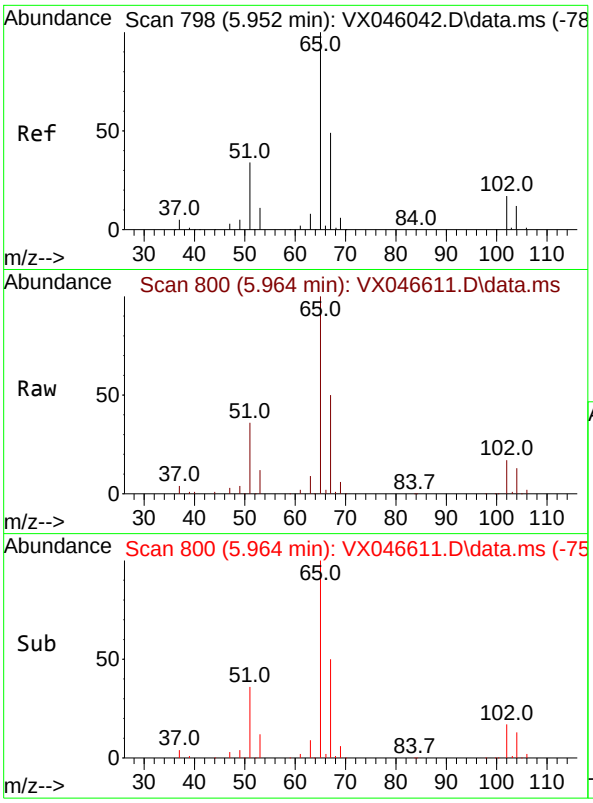


#27
cis-1,2-Dichloroethene
Concen: 185.057 ug/l
RT: 4.501 min Scan# 560
Delta R.T. -0.006 min
Lab File: VX046611.D
Acq: 10 Jun 2025 18:11

Tgt Ion: 96 Resp: 317398

Ion	Ratio	Lower	Upper
96	100		
61	135.3	0.0	322.8
98	63.6	0.0	129.0



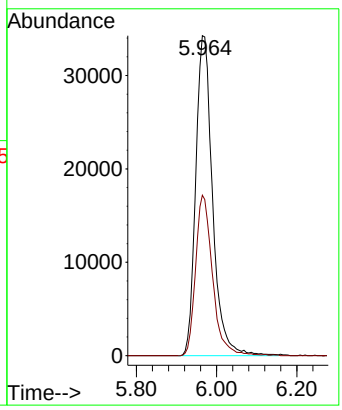


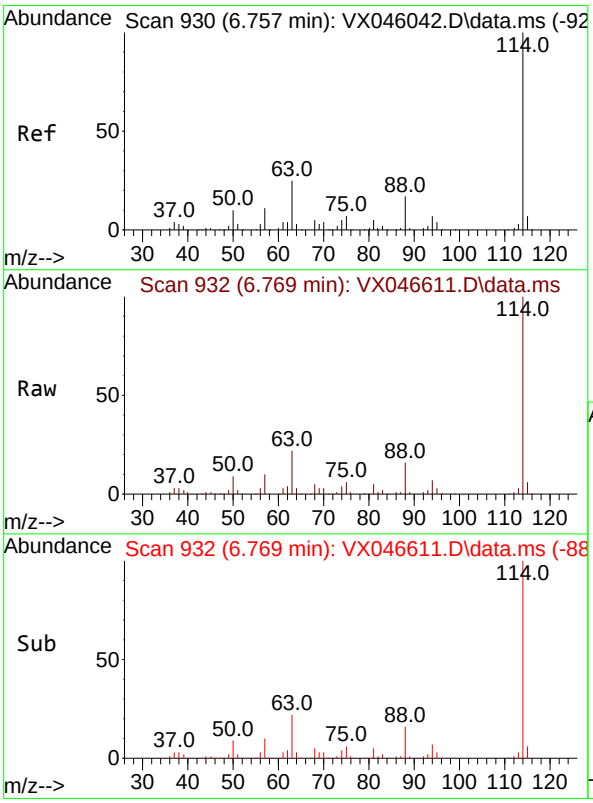
#33
1,2-Dichloroethane-d4
Concen: 50.667 ug/l
RT: 5.964 min Scan# 8
Delta R.T. -0.006 min
Lab File: VX046611.D
Acq: 10 Jun 2025 18:11

Instrument :
MSVOA_X
ClientSampleId :
MW-17B-55-060425

Tgt Ion: 65 Resp: 99959

Ion	Ratio	Lower	Upper
65	100		
67	50.3	0.0	99.0

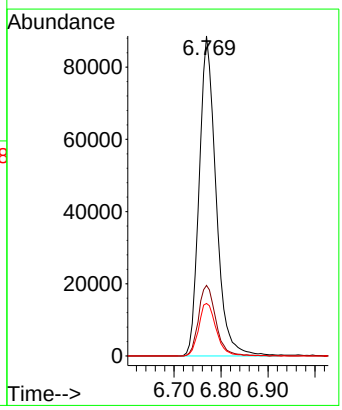




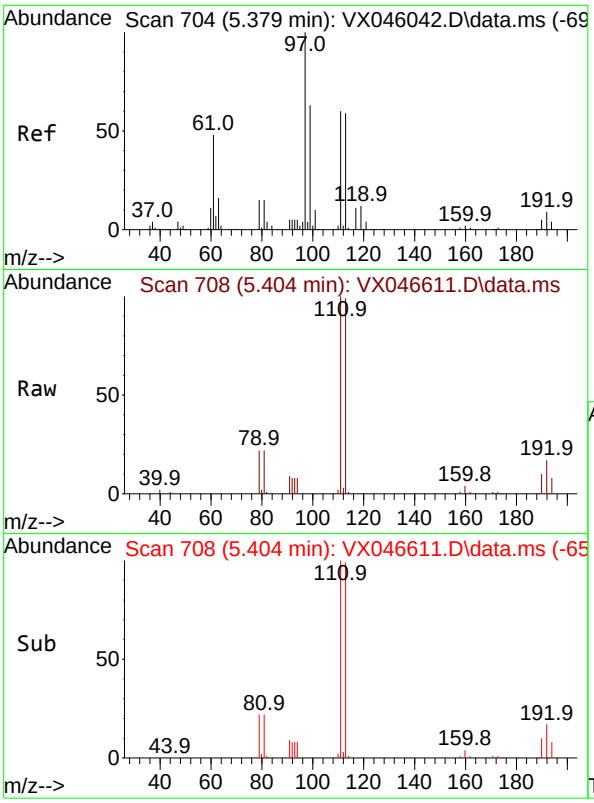
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.006 min
Lab File: VX046611.D
Acq: 10 Jun 2025 18:11

Tgt Ion:114 Resp: 220616

Ion	Ratio	Lower	Upper
114	100		
63	22.0	0.0	49.2
88	16.4	0.0	33.6



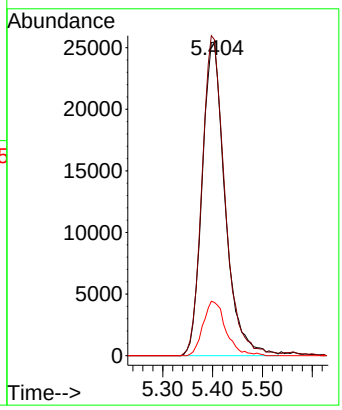
Instrument :
MSVOA_X
ClientSampleId :
MW-17B-55-060425

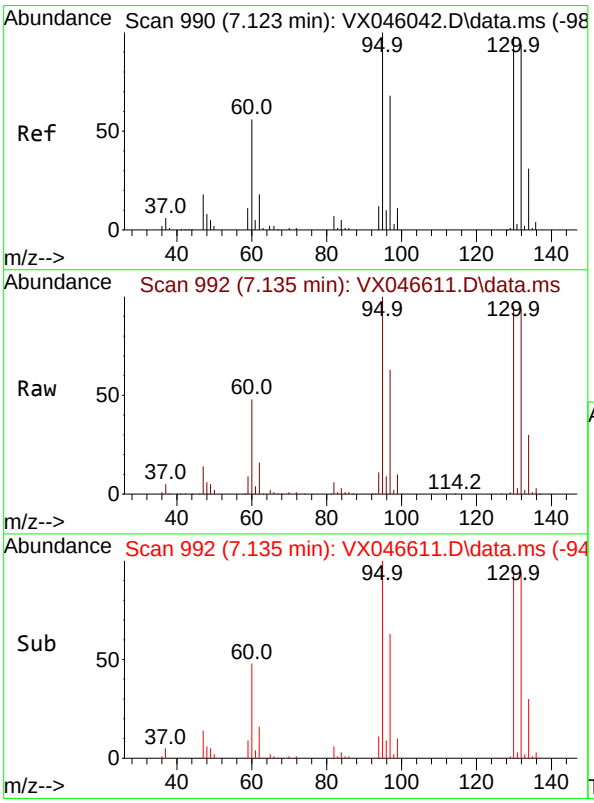


#35
Dibromofluoromethane
Concen: 50.050 ug/l
RT: 5.404 min Scan# 7
Delta R.T. 0.001 min
Lab File: VX046611.D
Acq: 10 Jun 2025 18:11

Tgt Ion:113 Resp: 81202

Ion	Ratio	Lower	Upper
113	100		
111	101.8	83.1	124.7
192	17.3	13.3	19.9

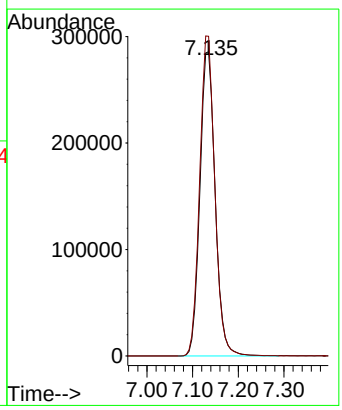


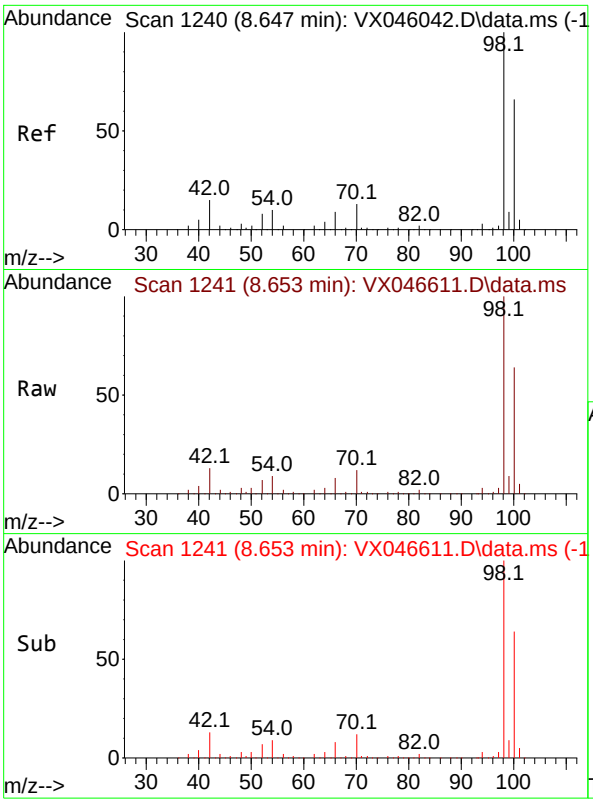


#44
Trichloroethene
Concen: 399.712 ug/l
RT: 7.135 min Scan# 992
Delta R.T. -0.000 min
Lab File: VX046611.D
Acq: 10 Jun 2025 18:11

Tgt Ion:130 Resp: 662594

Ion	Ratio	Lower	Upper
130	100		
95	105.1	0.0	204.2



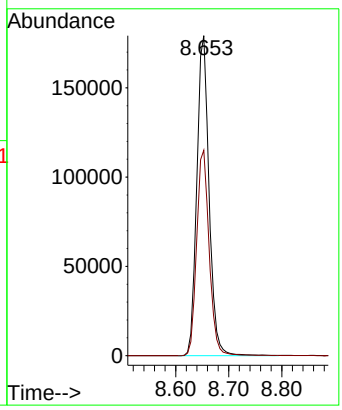


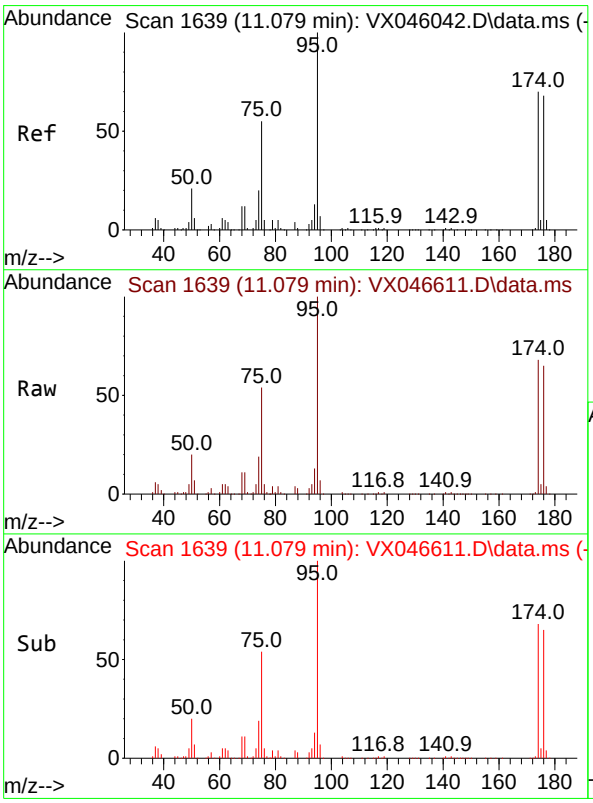
#50
Toluene-d8
Concen: 53.729 ug/l
RT: 8.653 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046611.D
Acq: 10 Jun 2025 18:11

Instrument :
MSVOA_X
ClientSampleId :
MW-17B-55-060425

Tgt Ion: 98 Resp: 287387

Ion	Ratio	Lower	Upper
98	100		
100	65.7	53.5	80.3

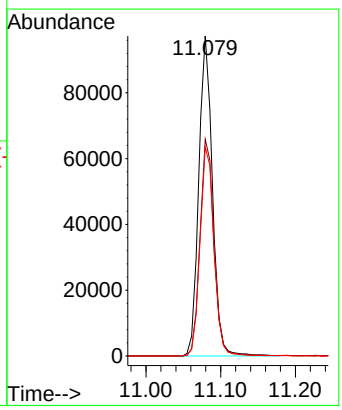


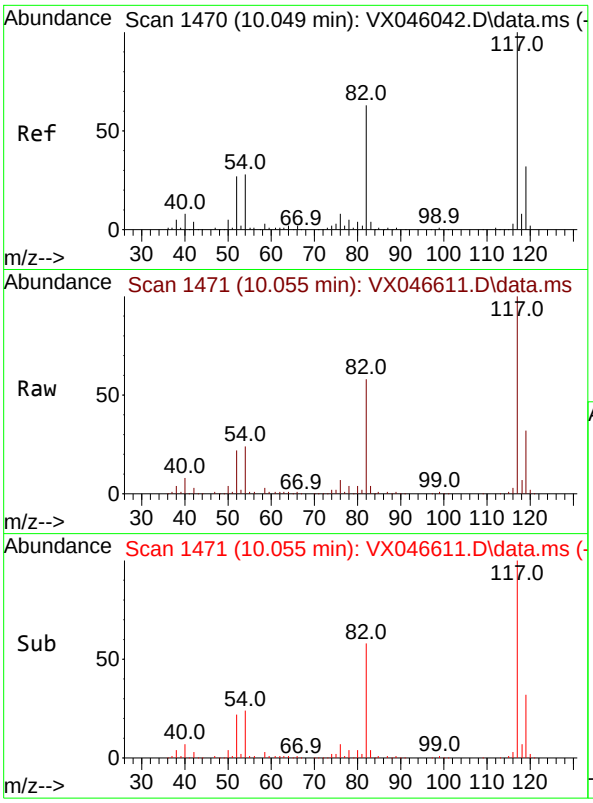


#62
4-Bromofluorobenzene
Concen: 55.820 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046611.D
Acq: 10 Jun 2025 18:11

Tgt Ion: 95 Resp: 123534

Ion	Ratio	Lower	Upper
95	100		
174	69.0	0.0	135.8
176	66.3	0.0	131.4



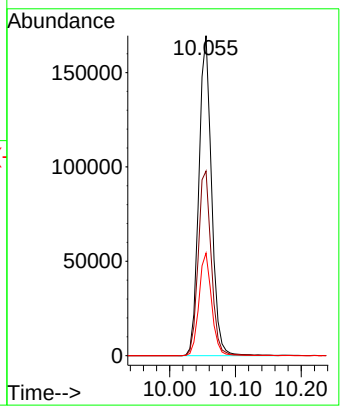


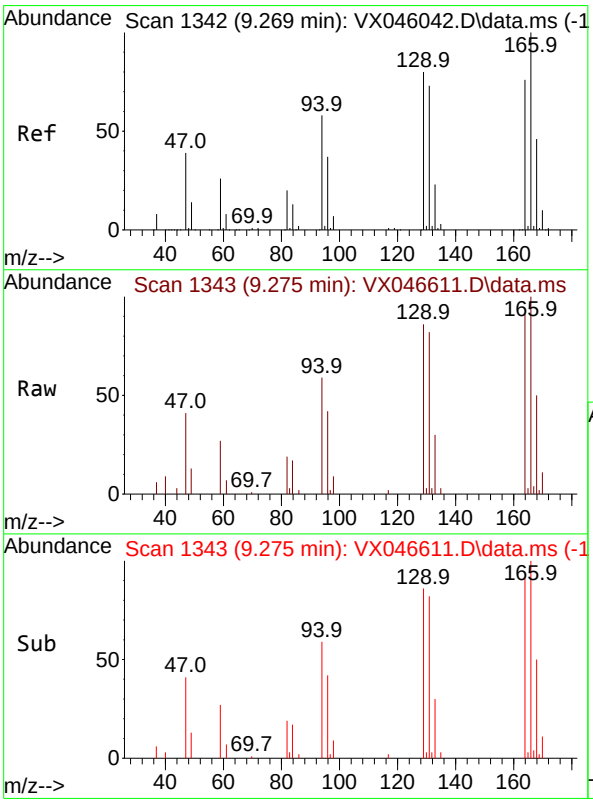
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX046611.D
Acq: 10 Jun 2025 18:11

Instrument :
MSVOA_X
ClientSampleId :
MW-17B-55-060425

Tgt Ion:117 Resp: 227088

Ion	Ratio	Lower	Upper
117	100		
82	57.7	50.6	76.0
119	32.1	25.8	38.6

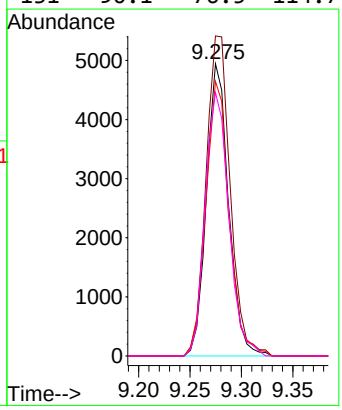


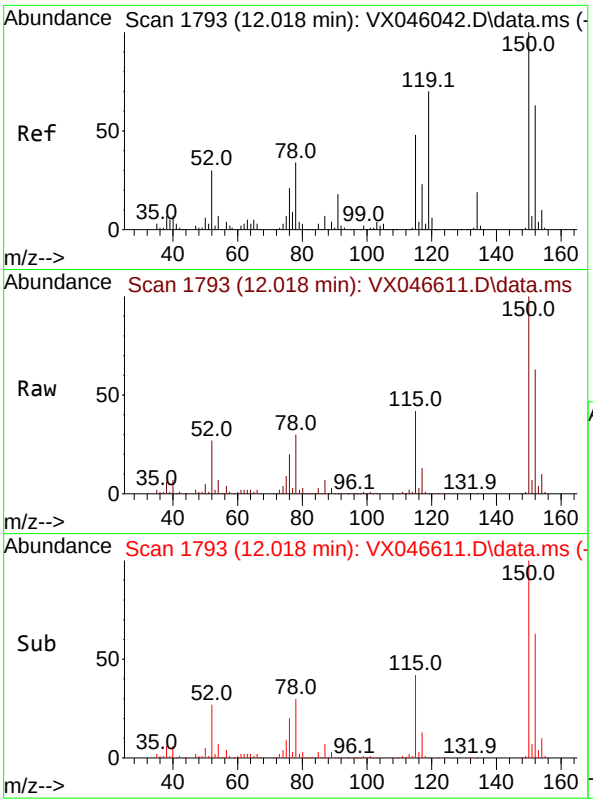


#64
Tetrachloroethene
Concen: 4.909 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX046611.D
Acq: 10 Jun 2025 18:11

Tgt Ion:164 Resp: 7455

Ion	Ratio	Lower	Upper
164	100		
166	109.5	105.0	157.6
129	94.0	83.5	125.3
131	90.1	76.5	114.7



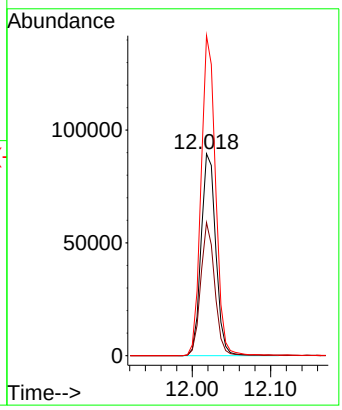


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX046611.D
Acq: 10 Jun 2025 18:11

Instrument :
MSVOA_X
ClientSampleId :
MW-17B-55-060425

Tgt Ion:152 Resp: 116641

Ion	Ratio	Lower	Upper
152	100		
115	62.8	46.9	140.7
150	156.3	0.0	351.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061025\
Data File : VX046599.D
Acq On : 10 Jun 2025 13:55
Operator : JC/MD
Sample : Q2234-01DL 100X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-17B-55-060425DL

Quant Time: Jun 11 01:47:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 2025
Response via : Initial Calibration

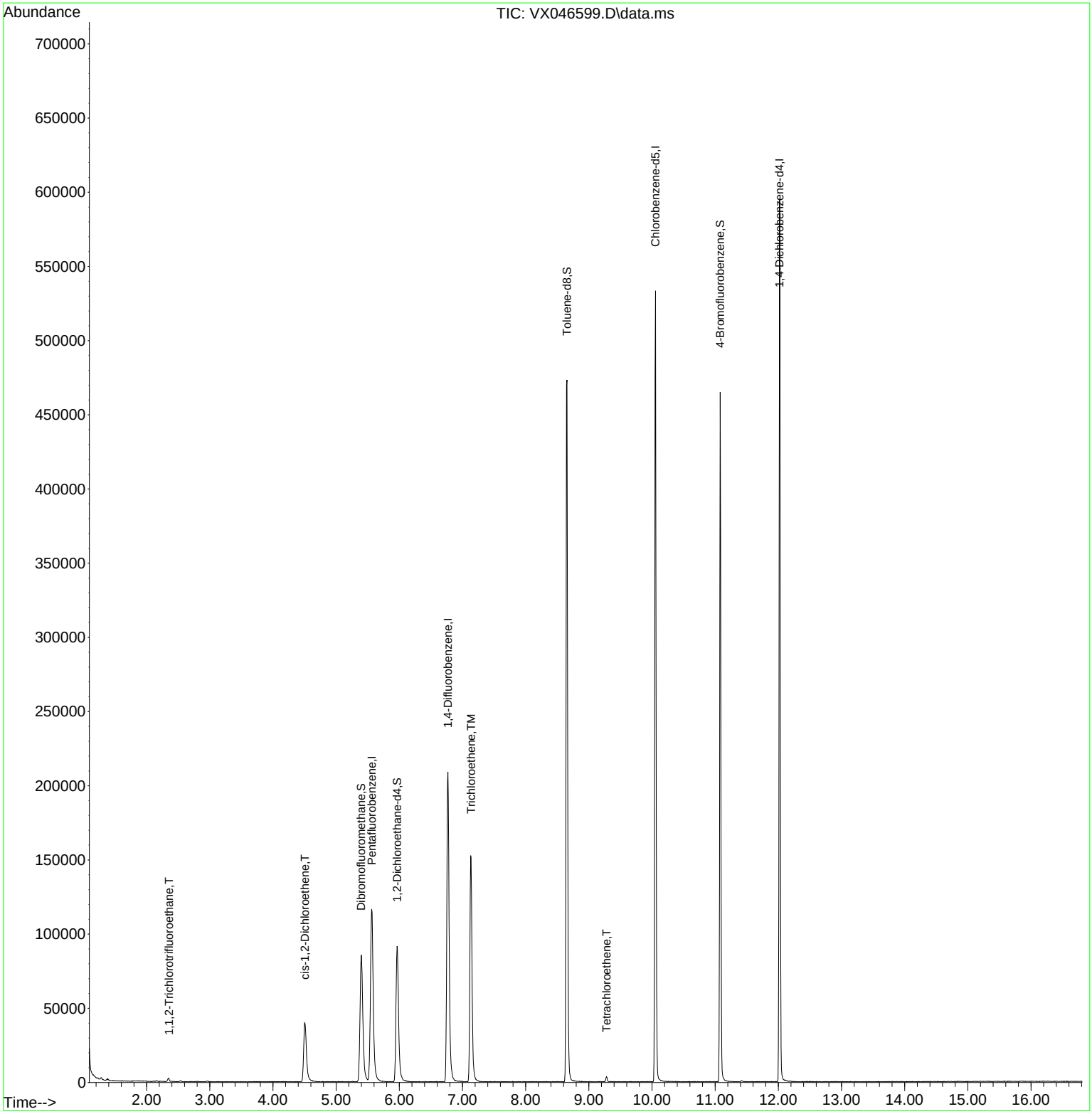
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	110214	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	218656	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	224113	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	112148	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	98868	50.422	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.840%			
35) Dibromofluoromethane	5.397	113	80756	50.222	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.440%			
50) Toluene-d8	8.653	98	288466	54.414	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.820%			
62) 4-Bromofluorobenzene	11.079	95	120075	54.744	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 109.480%			
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.355	101	976	0.674	ug/l	93
27) cis-1,2-Dichloroethene	4.507	96	27823	16.322	ug/l	86
44) Trichloroethene	7.135	130	61302	37.312	ug/l	98
64) Tetrachloroethene	9.281	164	662	0.442	ug/l #	79

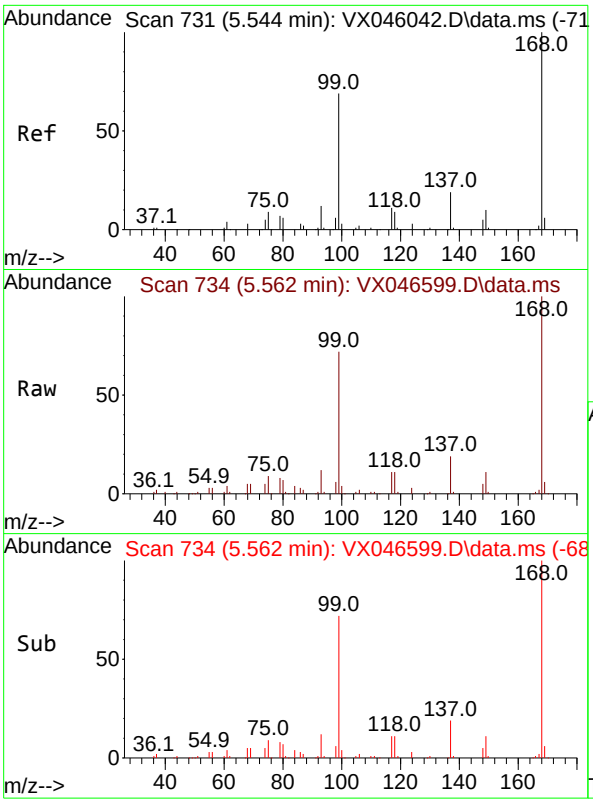
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061025\
Data File : VX046599.D
Acq On : 10 Jun 2025 13:55
Operator : JC/MD
Sample : Q2234-01DL 100X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-17B-55-060425DL

Quant Time: Jun 11 01:47:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 2025
Response via : Initial Calibration



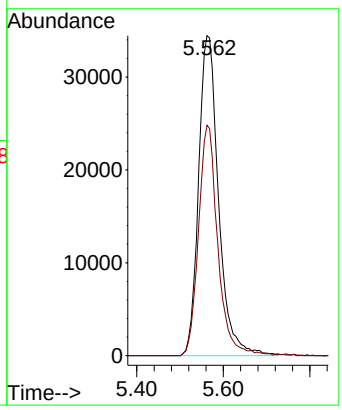


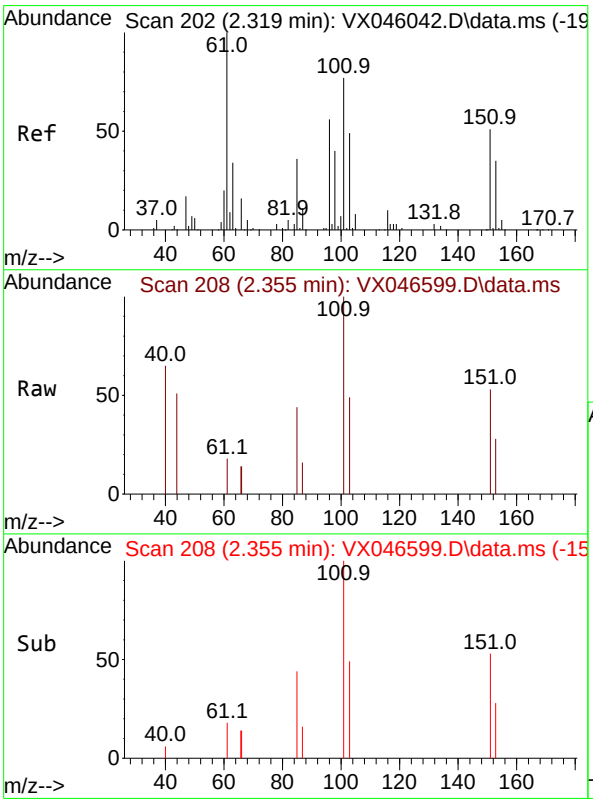
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX046599.D
Acq: 10 Jun 2025 13:55

Instrument :
MSVOA_X
ClientSampleId :
MW-17B-55-060425DL

Tgt Ion:168 Resp: 110214

Ion	Ratio	Lower	Upper
168	100		
99	72.0	54.9	82.3

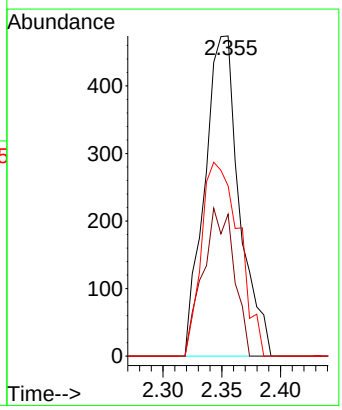




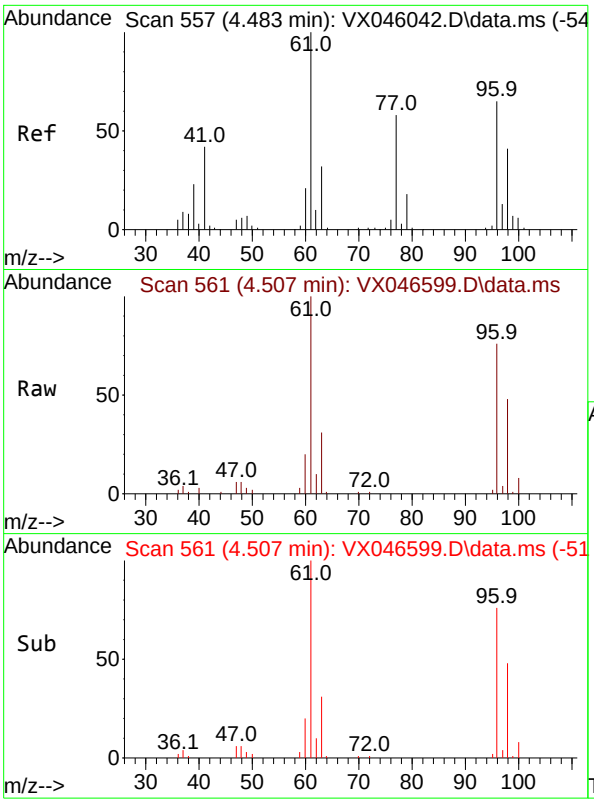
#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.674 ug/l
RT: 2.355 min Scan# 208
Delta R.T. 0.006 min
Lab File: VX046599.D
Acq: 10 Jun 2025 13:55

Tgt Ion:101 Resp: 976

Ion	Ratio	Lower	Upper
101	100		
85	41.3	38.6	58.0
151	65.7	55.2	82.8



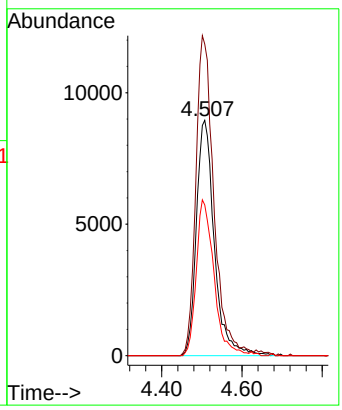
Instrument :
MSVOA_X
ClientSampleId :
MW-17B-55-060425DL

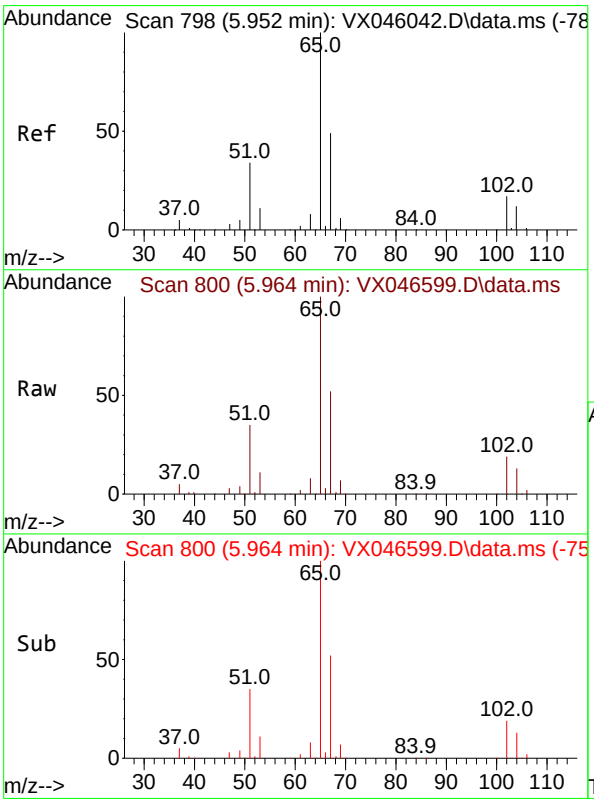


#27
cis-1,2-Dichloroethene
Concen: 16.322 ug/l
RT: 4.507 min Scan# 5
Delta R.T. 0.000 min
Lab File: VX046599.D
Acq: 10 Jun 2025 13:55

Tgt Ion: 96 Resp: 27823

Ion	Ratio	Lower	Upper
96	100		
61	136.5	0.0	322.8
98	65.1	0.0	129.0

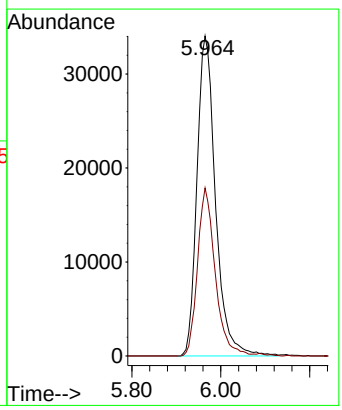


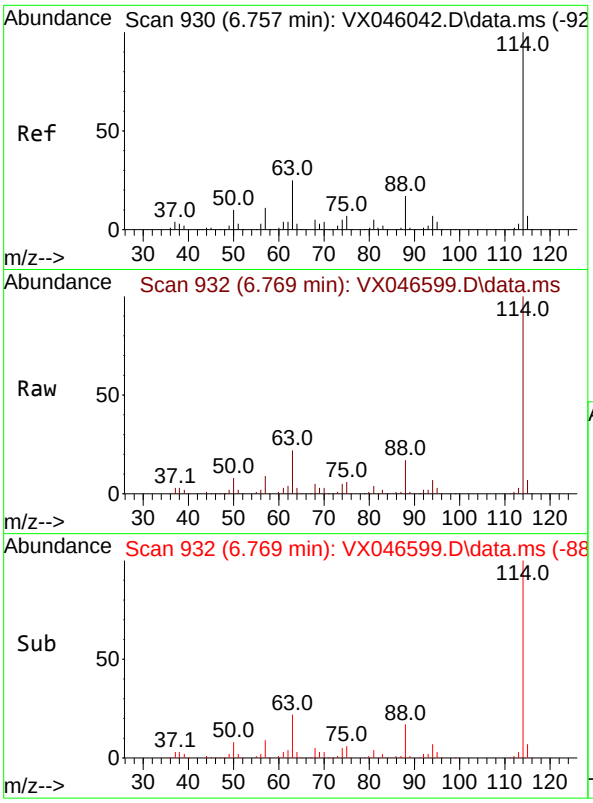


#33
1,2-Dichloroethane-d4
Concen: 50.422 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.006 min
Lab File: VX046599.D
Acq: 10 Jun 2025 13:55

Tgt Ion: 65 Resp: 98868

Ion	Ratio	Lower	Upper
65	100		
67	50.1	0.0	99.0



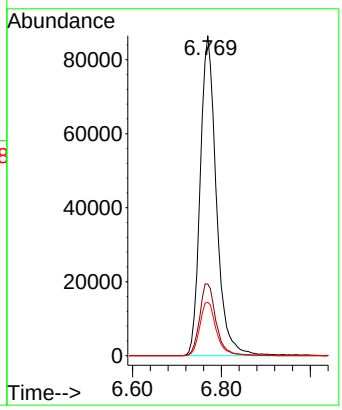


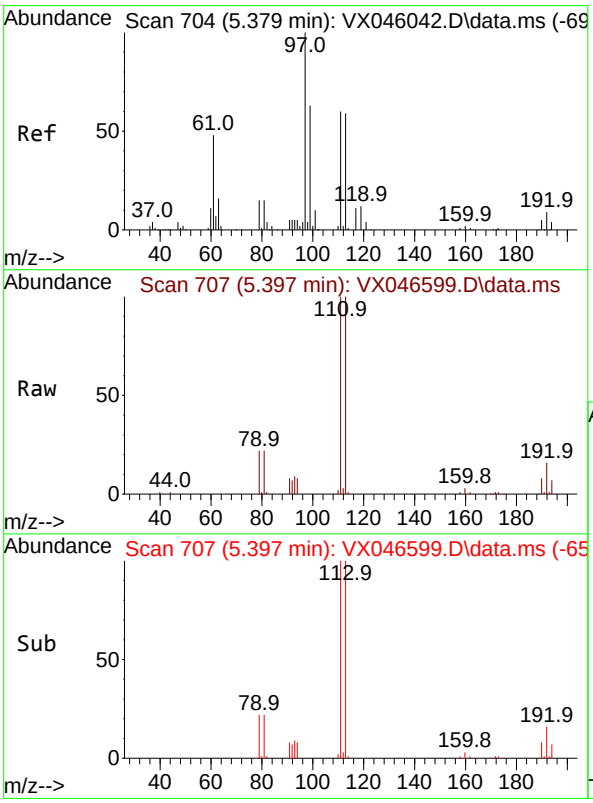
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. -0.006 min
Lab File: VX046599.D
Acq: 10 Jun 2025 13:55

Instrument :
MSVOA_X
ClientSampleId :
MW-17B-55-060425DL

Tgt Ion:114 Resp: 218656

Ion	Ratio	Lower	Upper
114	100		
63	22.4	0.0	49.2
88	16.7	0.0	33.6

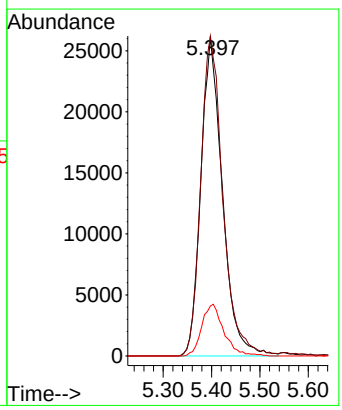


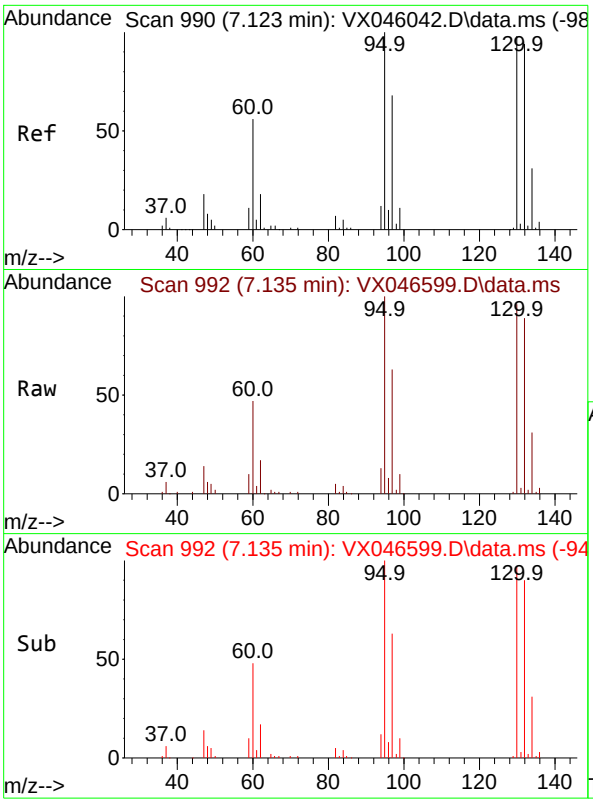


#35
Dibromofluoromethane
Concen: 50.222 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.006 min
Lab File: VX046599.D
Acq: 10 Jun 2025 13:55

Tgt Ion:113 Resp: 80756

Ion	Ratio	Lower	Upper
113	100		
111	102.8	83.1	124.7
192	16.6	13.3	19.9



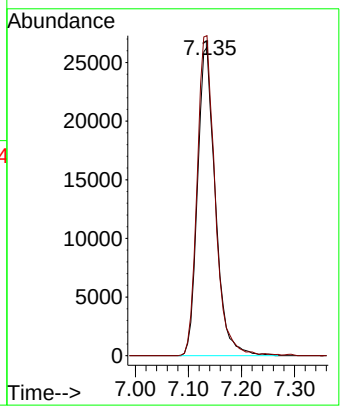


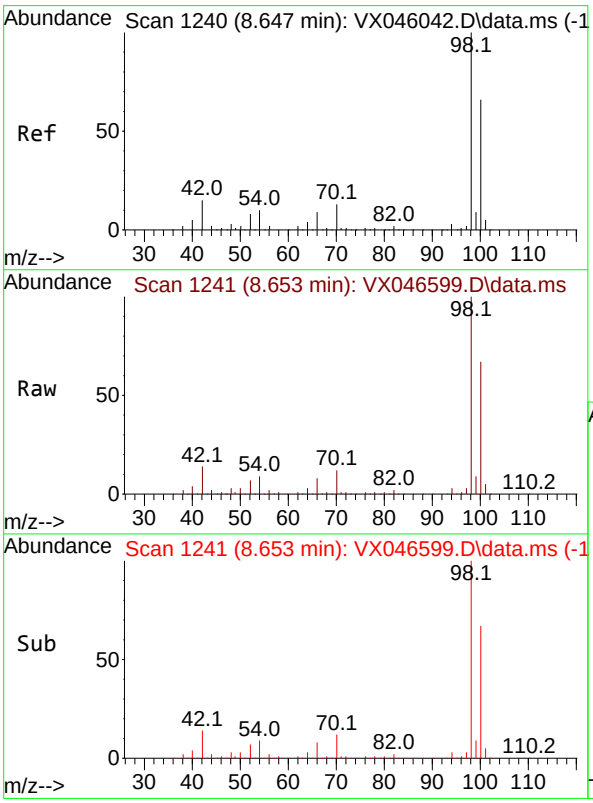
#44
Trichloroethene
Concen: 37.312 ug/l
RT: 7.135 min Scan# 9
Delta R.T. -0.000 min
Lab File: VX046599.D
Acq: 10 Jun 2025 13:55

Instrument :
MSVOA_X
ClientSampleId :
MW-17B-55-060425DL

Tgt Ion:130 Resp: 61302

Ion	Ratio	Lower	Upper
130	100		
95	103.8	0.0	204.2

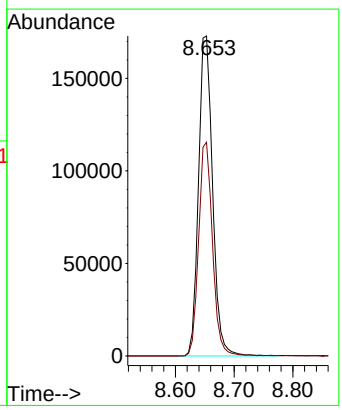


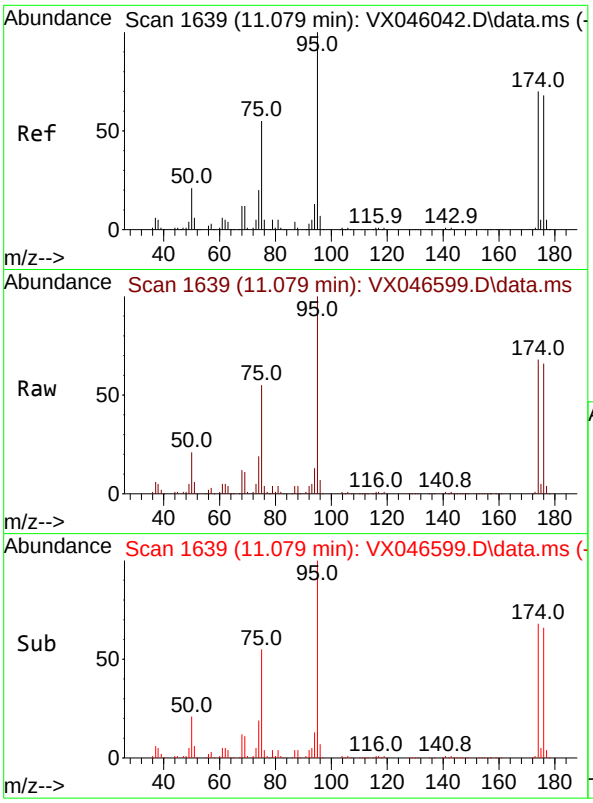


#50
Toluene-d8
Concen: 54.414 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX046599.D
Acq: 10 Jun 2025 13:55

Tgt Ion: 98 Resp: 288466

Ion	Ratio	Lower	Upper
98	100		
100	65.9	53.5	80.3



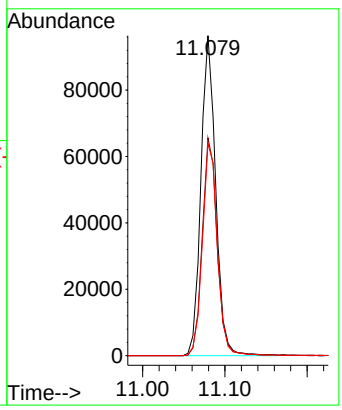


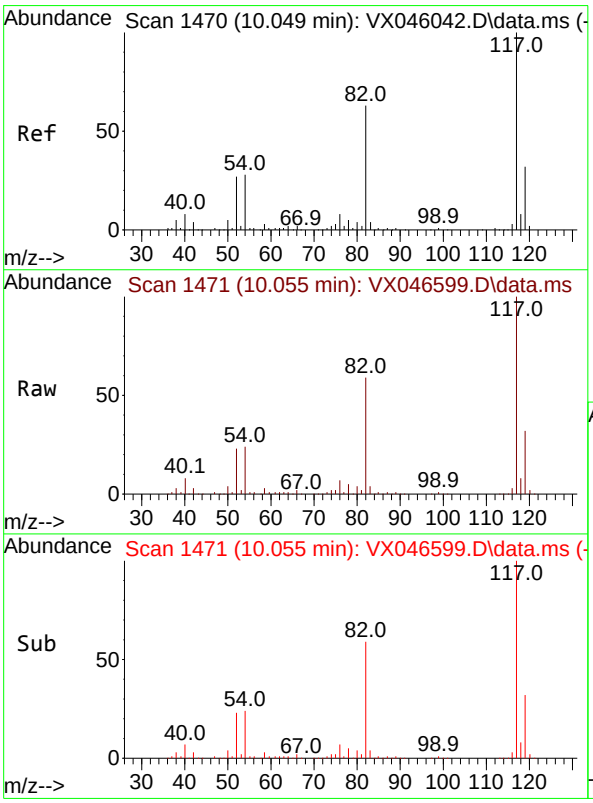
#62
4-Bromofluorobenzene
Concen: 54.744 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046599.D
Acq: 10 Jun 2025 13:55

Instrument :
MSVOA_X
ClientSampleId :
MW-17B-55-060425DL

Tgt Ion: 95 Resp: 120075

Ion	Ratio	Lower	Upper
95	100		
174	68.5	0.0	135.8
176	66.9	0.0	131.4

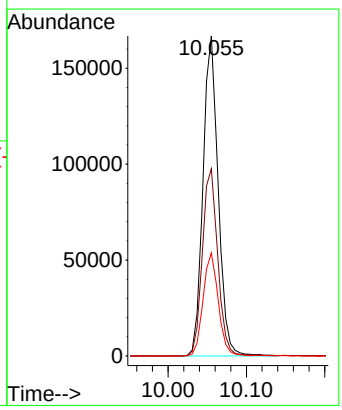


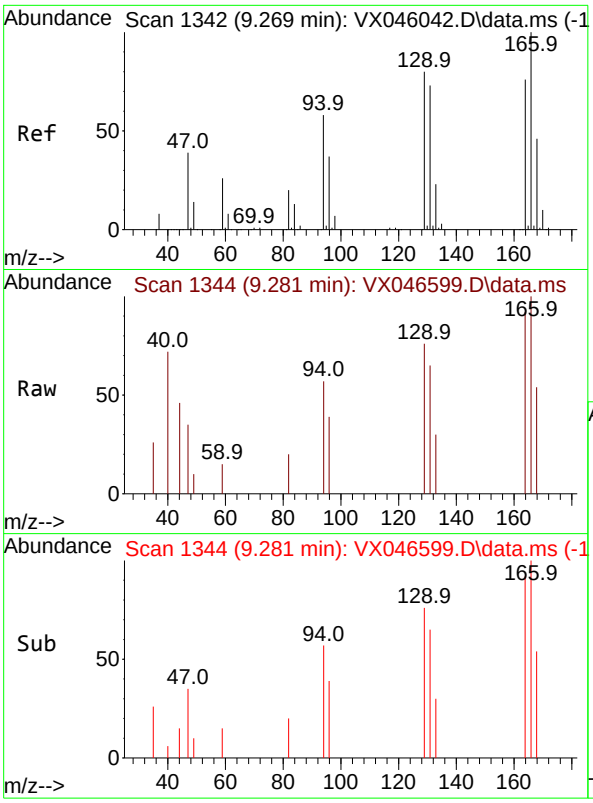


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX046599.D
Acq: 10 Jun 2025 13:55

Tgt Ion:117 Resp: 224113

Ion	Ratio	Lower	Upper
117	100		
82	58.5	50.6	76.0
119	32.2	25.8	38.6



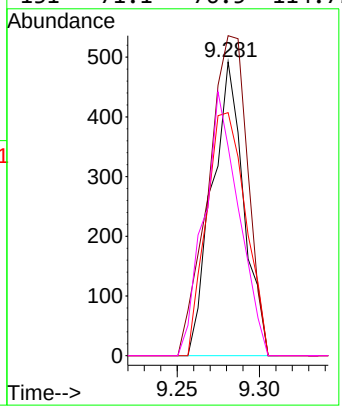


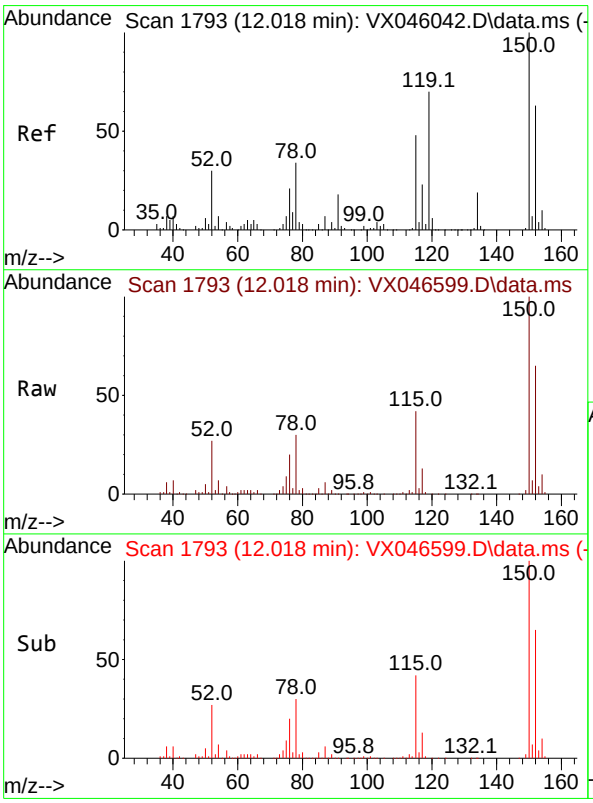
#64
Tetrachloroethene
Concen: 0.442 ug/l
RT: 9.281 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046599.D
Acq: 10 Jun 2025 13:55

Instrument :
MSVOA_X
ClientSampleId :
MW-17B-55-060425DL

Tgt Ion:164 Resp: 662

Ion	Ratio	Lower	Upper
164	100		
166	108.9	105.0	157.6
129	82.7	83.5	125.3#
131	71.1	76.5	114.7#

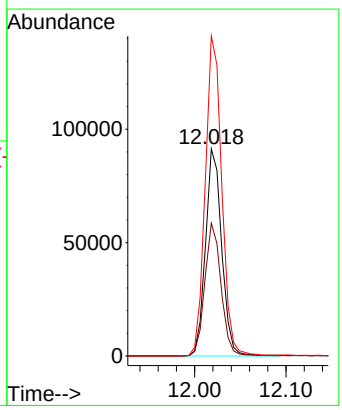




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX046599.D
Acq: 10 Jun 2025 13:55

Tgt Ion:152 Resp: 112148

Ion	Ratio	Lower	Upper
152	100		
115	64.2	46.9	140.7
150	157.5	0.0	351.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061025\
Data File : VX046588.D
Acq On : 10 Jun 2025 09:57
Operator : JC/MD
Sample : VX0610WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0610WBL01

Quant Time: Jun 11 01:42:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	106110	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	211553	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	217338	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	104374	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	94499	50.058	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.120%			
35) Dibromofluoromethane	5.397	113	77970	50.117	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.240%			
50) Toluene-d8	8.647	98	278481	54.294	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.580%			
62) 4-Bromofluorobenzene	11.079	95	116202	54.757	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 109.520%			

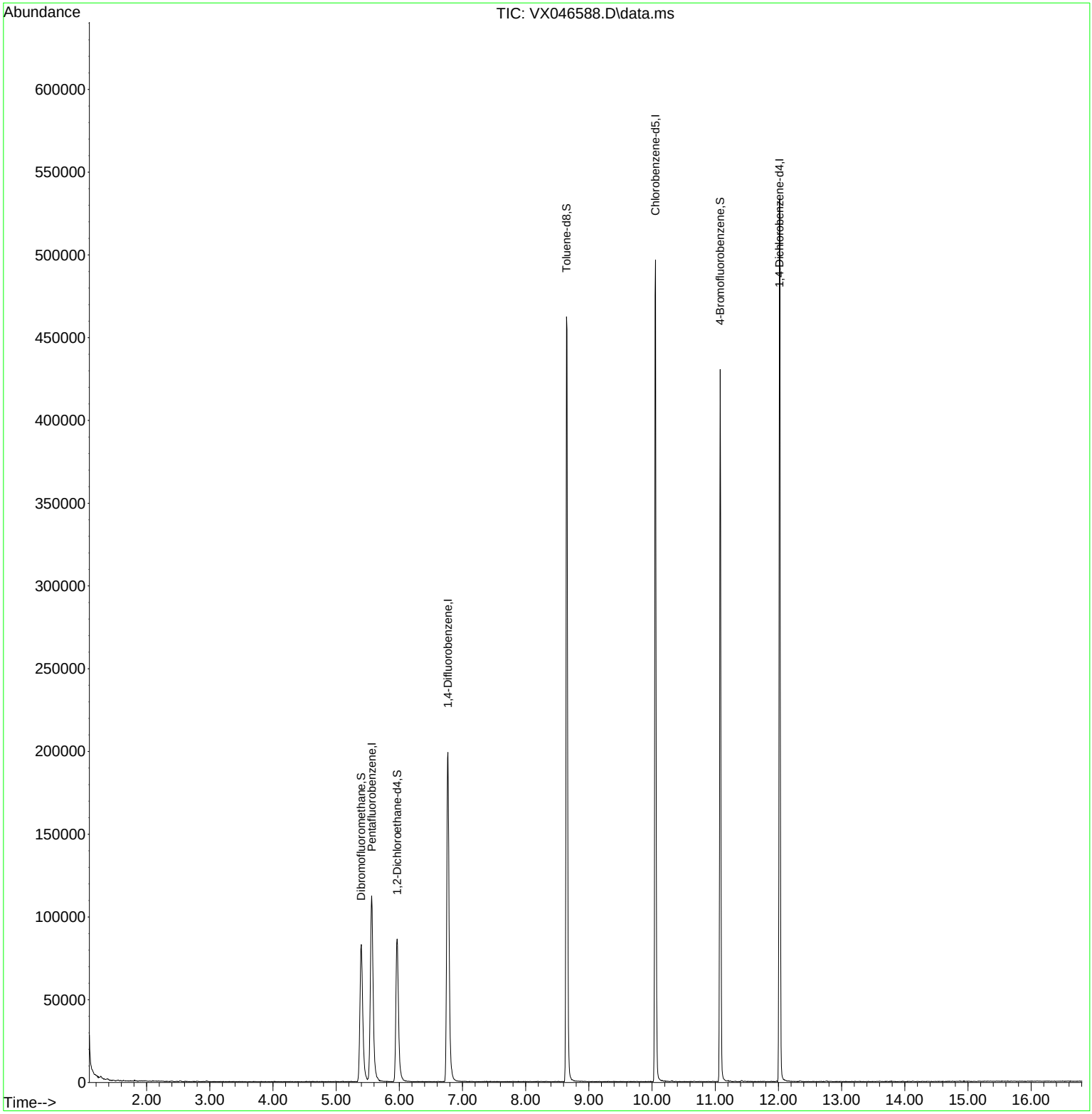
Target Compounds Qvalue

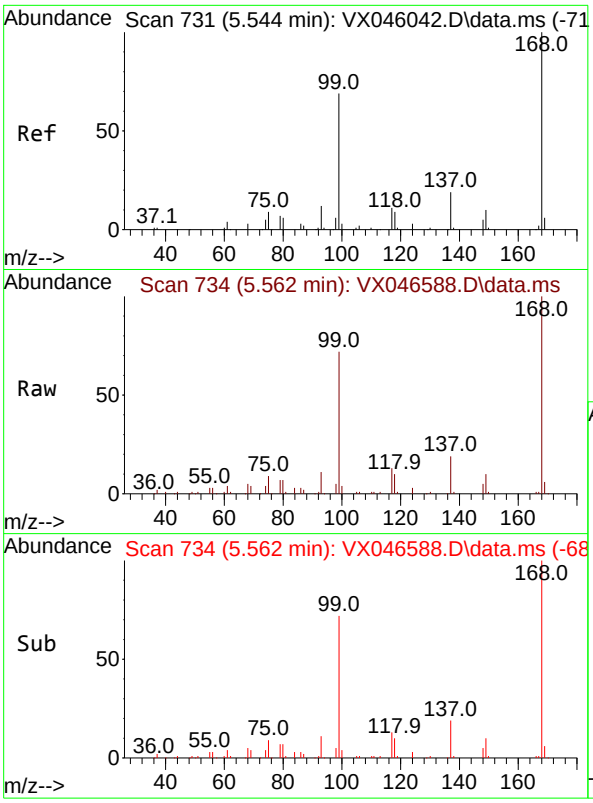
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061025\
Data File : VX046588.D
Acq On : 10 Jun 2025 09:57
Operator : JC/MD
Sample : VX0610WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0610WBL01

Quant Time: Jun 11 01:42:01 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 2025
Response via : Initial Calibration



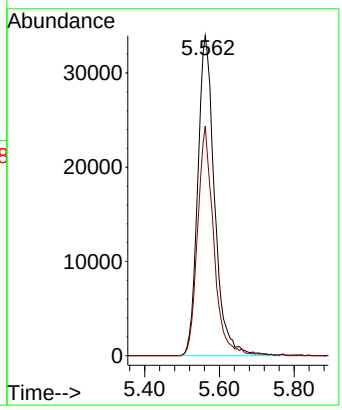


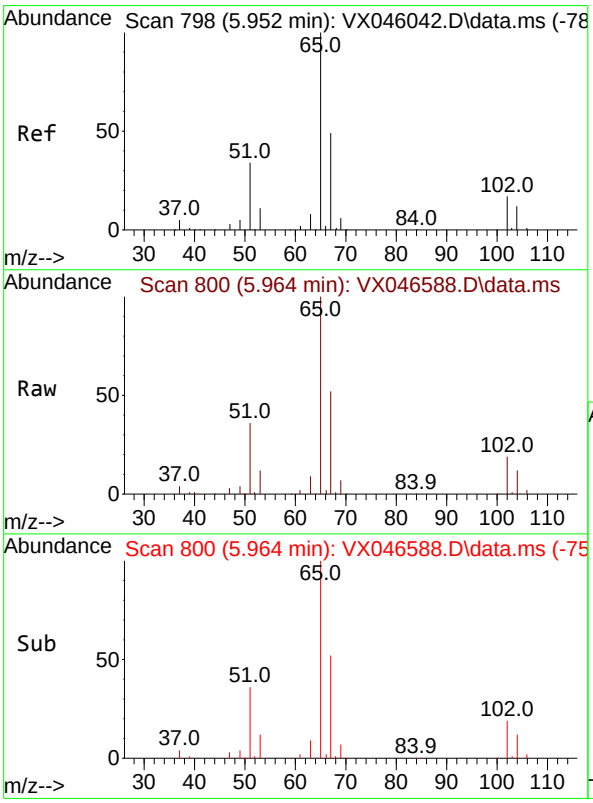
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 7
Delta R.T. -0.006 min
Lab File: VX046588.D
Acq: 10 Jun 2025 09:57

Instrument :
MSVOA_X
ClientSampleId :
VX0610WBL01

Tgt Ion:168 Resp: 106110

Ion	Ratio	Lower	Upper
168	100		
99	71.7	54.9	82.3

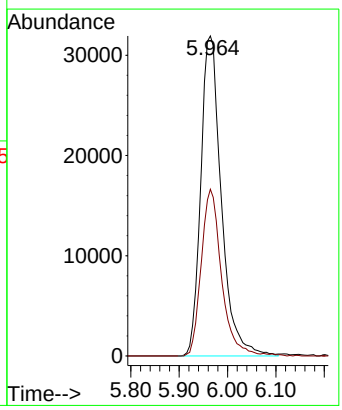


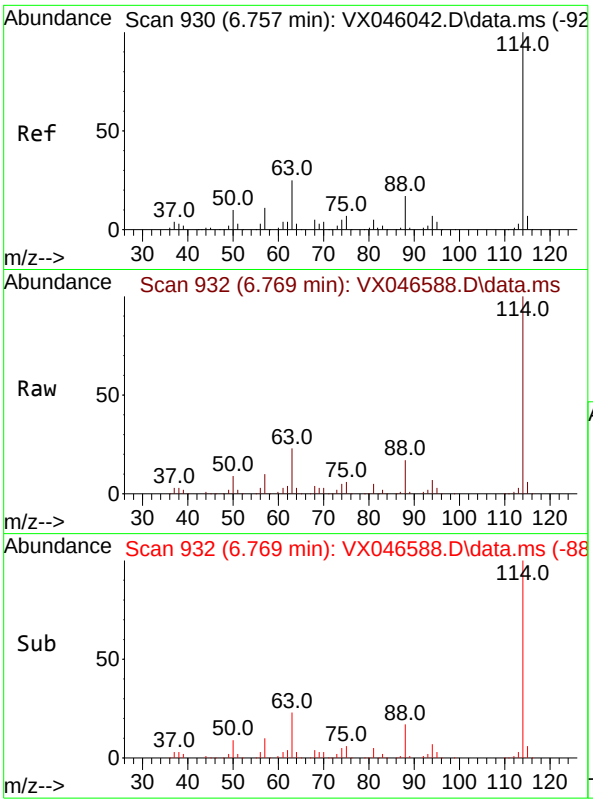


#33
1,2-Dichloroethane-d4
Concen: 50.058 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.006 min
Lab File: VX046588.D
Acq: 10 Jun 2025 09:57

Tgt Ion: 65 Resp: 94499

Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	99.0



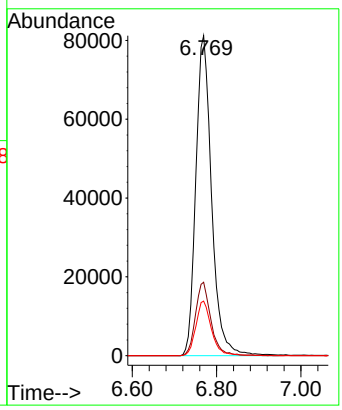


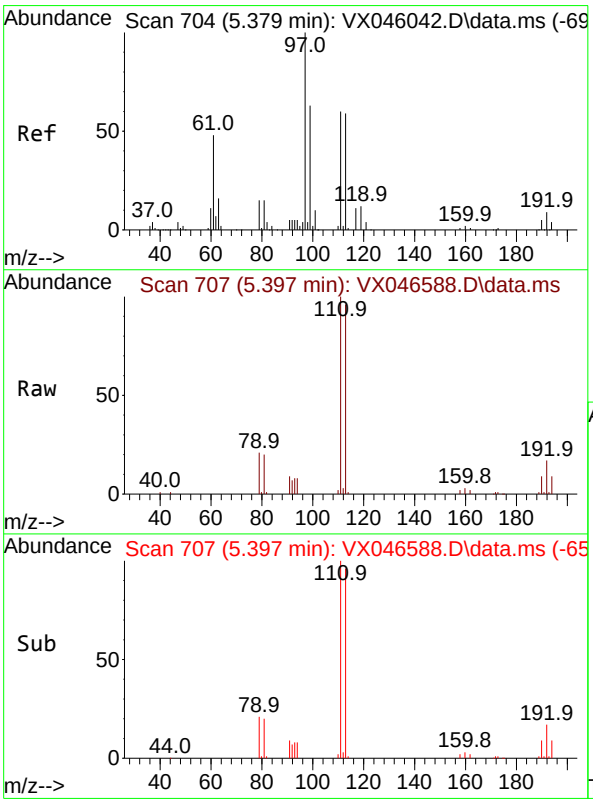
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 9
Delta R.T. -0.006 min
Lab File: VX046588.D
Acq: 10 Jun 2025 09:57

Instrument :
MSVOA_X
ClientSampleId :
VX0610WBL01

Tgt Ion:114 Resp: 211553

Ion	Ratio	Lower	Upper
114	100		
63	23.0	0.0	49.2
88	17.1	0.0	33.6

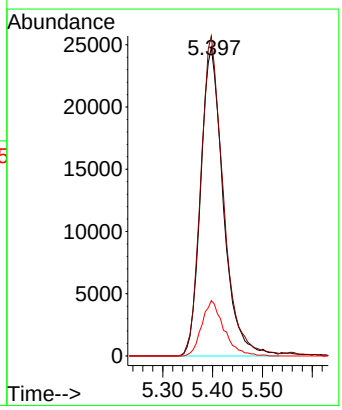


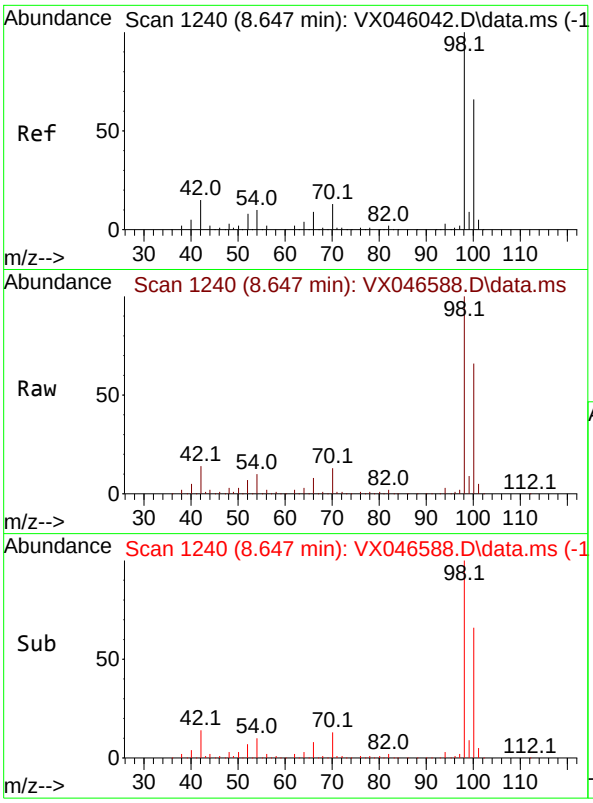


#35
Dibromofluoromethane
Concen: 50.117 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.006 min
Lab File: VX046588.D
Acq: 10 Jun 2025 09:57

Tgt Ion:113 Resp: 77970

Ion	Ratio	Lower	Upper
113	100		
111	103.7	83.1	124.7
192	17.6	13.3	19.9



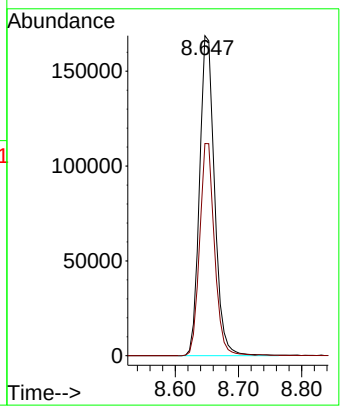


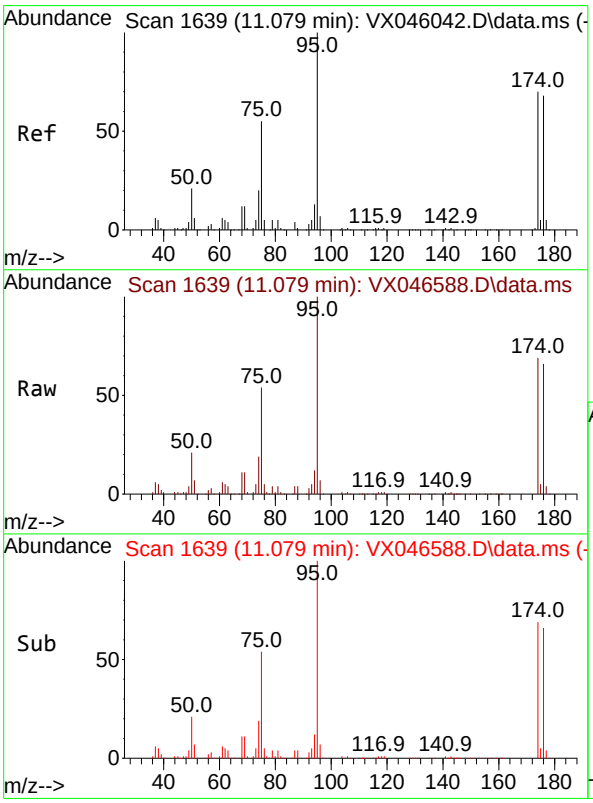
#50
Toluene-d8
Concen: 54.294 ug/l
RT: 8.647 min Scan# 1
Delta R.T. -0.006 min
Lab File: VX046588.D
Acq: 10 Jun 2025 09:57

Instrument :
MSVOA_X
ClientSampleId :
VX0610WBL01

Tgt Ion: 98 Resp: 278481

Ion	Ratio	Lower	Upper
98	100		
100	65.6	53.5	80.3

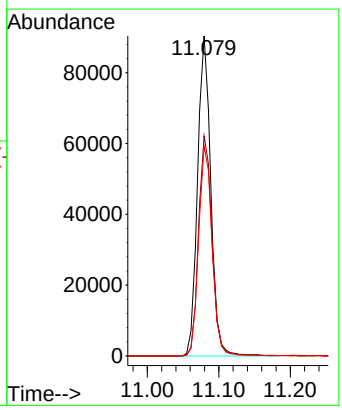




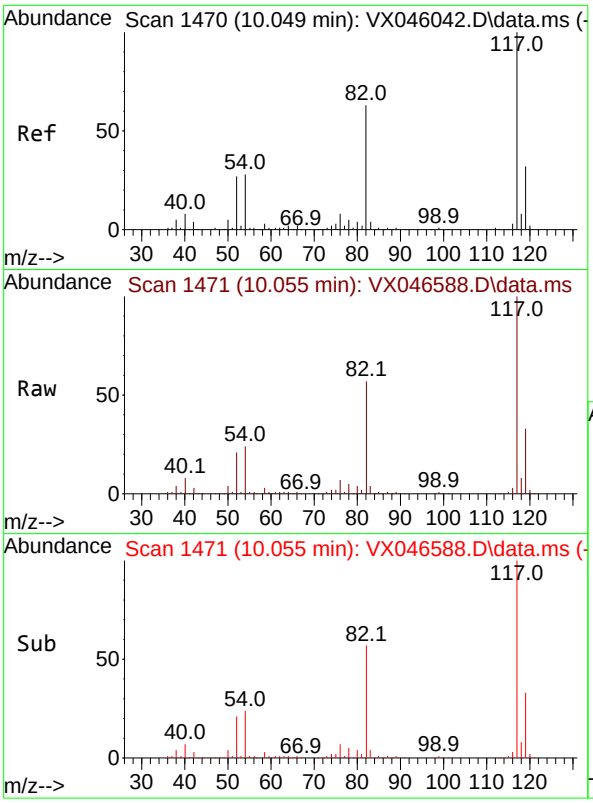
#62
4-Bromofluorobenzene
Concen: 54.757 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046588.D
Acq: 10 Jun 2025 09:57

Tgt Ion: 95 Resp: 116202

Ion	Ratio	Lower	Upper
95	100		
174	70.0	0.0	135.8
176	66.7	0.0	131.4



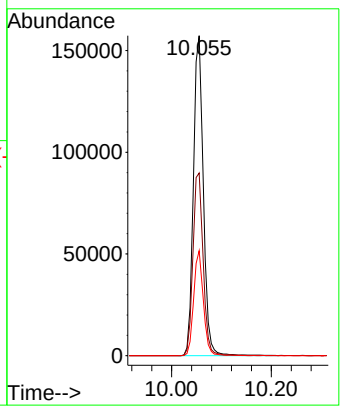
Instrument :
MSVOA_X
ClientSampleId :
VX0610WBL01

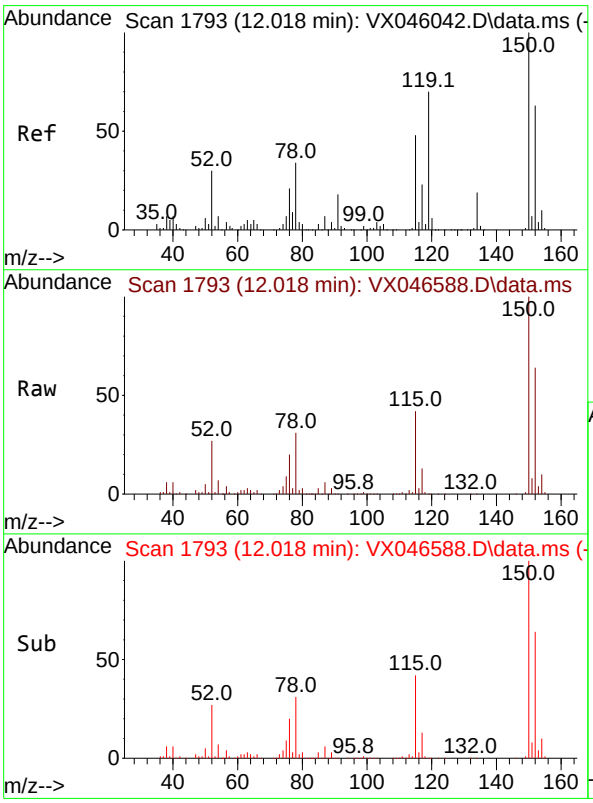


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 14
Delta R.T. 0.000 min
Lab File: VX046588.D
Acq: 10 Jun 2025 09:57

Tgt Ion:117 Resp: 217338

Ion	Ratio	Lower	Upper
117	100		
82	57.1	50.6	76.0
119	32.8	25.8	38.6

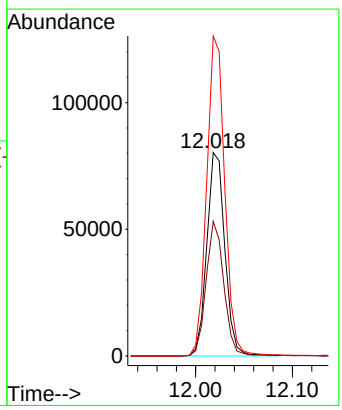




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX046588.D
Acq: 10 Jun 2025 09:57

Tgt Ion:152 Resp: 104374

Ion	Ratio	Lower	Upper
152	100		
115	65.3	46.9	140.7
150	157.8	0.0	351.0



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061025\
Data File : VX046589.D
Acq On : 10 Jun 2025 10:18
Operator : JC/MD
Sample : VX0610WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 11 01:42:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0610WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	84052	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	143506	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	131426	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	68222	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	70828	47.365	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 94.720%			
35) Dibromofluoromethane	5.397	113	55906	52.974	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.940%			
50) Toluene-d8	8.647	98	179208	51.507	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.020%			
62) 4-Bromofluorobenzene	11.079	95	76446	53.104	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 106.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	21364	18.308	ug/l	100
3) Chloromethane	1.307	50	19522	18.380	ug/l	96
4) Vinyl Chloride	1.386	62	19755	18.658	ug/l	95
5) Bromomethane	1.630	94	12259	19.072	ug/l	100
6) Chloroethane	1.703	64	11361	16.538	ug/l #	87
7) Trichlorofluoromethane	1.904	101	31526	17.996	ug/l	97
8) Diethyl Ether	2.148	74	10811	17.466	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.343	101	21056	19.078	ug/l	95
10) Methyl Iodide	2.465	142	24545	20.515	ug/l	96
11) Tert butyl alcohol	2.959	59	11873	71.554	ug/l	97
12) 1,1-Dichloroethene	2.337	96	19187	19.227	ug/l	85
13) Acrolein	2.251	56	15557	98.221	ug/l	100
14) Allyl chloride	2.684	41	34982	17.850	ug/l	93
15) Acrylonitrile	3.075	53	58538	93.306	ug/l	98
16) Acetone	2.392	43	44483	78.955	ug/l	93
17) Carbon Disulfide	2.526	76	39330	18.689	ug/l	99
18) Methyl Acetate	2.715	43	32974	18.512	ug/l	97
19) Methyl tert-butyl Ether	3.123	73	70651	20.234	ug/l	98
20) Methylene Chloride	2.806	84	22844	19.042	ug/l	92
21) trans-1,2-Dichloroethene	3.105	96	20405	19.322	ug/l	93
22) Diisopropyl ether	3.776	45	81863	21.187	ug/l #	82
23) Vinyl Acetate	3.733	43	295594	99.089	ug/l	100
24) 1,1-Dichloroethane	3.629	63	43840	20.358	ug/l	98
25) 2-Butanone	4.568	43	72292	86.843	ug/l	98
26) 2,2-Dichloropropane	4.489	77	32929	20.598	ug/l	98
27) cis-1,2-Dichloroethene	4.507	96	26773	20.594	ug/l	95
28) Bromochloromethane	4.916	49	20852	20.302	ug/l	99
29) Tetrahydrofuran	5.019	42	45988	87.477	ug/l	100
30) Chloroform	5.105	83	47450	21.029	ug/l	99
31) Cyclohexane	5.483	56	33142	19.064	ug/l	89
32) 1,1,1-Trichloroethane	5.397	97	39813	20.627	ug/l	97
36) 1,1-Dichloropropene	5.702	75	29838	19.793	ug/l	99
37) Ethyl Acetate	4.733	43	29233	19.869	ug/l	98
38) Carbon Tetrachloride	5.690	117	34504	20.435	ug/l	99
39) Methylcyclohexane	7.385	83	34288	19.270	ug/l	99
40) Benzene	6.050	78	88942	20.958	ug/l	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061025\
Data File : VX046589.D
Acq On : 10 Jun 2025 10:18
Operator : JC/MD
Sample : VX0610WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 11 01:42:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0610WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.928	41	16637	18.209	ug/l		93
42) 1,2-Dichloroethane	6.098	62	36740	20.810	ug/l		99
43) Isopropyl Acetate	6.348	43	49580	19.330	ug/l		100
44) Trichloroethene	7.129	130	21670	20.097	ug/l		99
45) 1,2-Dichloropropane	7.433	63	23739	21.672	ug/l		99
46) Dibromomethane	7.586	93	17188	20.858	ug/l		98
47) Bromodichloromethane	7.824	83	37295	22.011	ug/l		95
48) Methyl methacrylate	7.696	41	25179	19.079	ug/l		95
49) 1,4-Dioxane	7.659	88	6473	366.785	ug/l	#	90
51) 4-Methyl-2-Pentanone	8.573	43	160847	98.684	ug/l		100
52) Toluene	8.720	92	55219	21.179	ug/l		99
53) t-1,3-Dichloropropene	8.982	75	31694	20.862	ug/l		96
54) cis-1,3-Dichloropropene	8.366	75	35775	21.180	ug/l		92
55) 1,1,2-Trichloroethane	9.153	97	22559	21.553	ug/l		95
56) Ethyl methacrylate	9.116	69	32654	20.274	ug/l		95
57) 1,3-Dichloropropane	9.311	76	39081	21.129	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.244	63	81610	93.023	ug/l		98
59) 2-Hexanone	9.433	43	111008	94.963	ug/l		99
60) Dibromochloromethane	9.518	129	27795	22.577	ug/l		97
61) 1,2-Dibromoethane	9.610	107	22620	20.739	ug/l		98
64) Tetrachloroethene	9.275	164	17851	20.312	ug/l		94
65) Chlorobenzene	10.079	112	62603	20.253	ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.159	131	22301	21.351	ug/l		99
67) Ethyl Benzene	10.195	91	109725	20.334	ug/l		98
68) m/p-Xylenes	10.299	106	81525	41.649	ug/l		98
69) o-Xylene	10.640	106	40019	21.137	ug/l		98
70) Styrene	10.652	104	69335	21.393	ug/l		99
71) Bromoform	10.799	173	16884	21.200	ug/l	#	99
73) Isopropylbenzene	10.963	105	108394	20.212	ug/l		99
74) N-amyl acetate	10.841	43	43808	18.549	ug/l		98
75) 1,1,2,2-Tetrachloroethane	11.213	83	34119	19.876	ug/l		98
76) 1,2,3-Trichloropropane	11.238	75	27186m	18.813	ug/l		
77) Bromobenzene	11.195	156	26036	20.916	ug/l		96
78) n-propylbenzene	11.305	91	129891	20.011	ug/l		100
79) 2-Chlorotoluene	11.366	91	78249	19.991	ug/l		98
80) 1,3,5-Trimethylbenzene	11.451	105	91704	20.520	ug/l		99
81) trans-1,4-Dichloro-2-b...	11.018	75	8748	17.463	ug/l		98
82) 4-Chlorotoluene	11.451	91	93212	20.090	ug/l		97
83) tert-Butylbenzene	11.713	119	92923	20.426	ug/l		98
84) 1,2,4-Trimethylbenzene	11.750	105	94205	20.838	ug/l		99
85) sec-Butylbenzene	11.890	105	119911	20.513	ug/l		100
86) p-Isopropyltoluene	12.006	119	98241	20.160	ug/l		98
87) 1,3-Dichlorobenzene	11.969	146	48297	19.981	ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	49276	19.673	ug/l		98
89) n-Butylbenzene	12.329	91	95315	19.917	ug/l		99
90) Hexachloroethane	12.536	117	16834	19.436	ug/l		100
91) 1,2-Dichlorobenzene	12.335	146	48730	20.885	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	6919	18.000	ug/l		95
93) 1,2,4-Trichlorobenzene	13.585	180	30939	19.438	ug/l		100
94) Hexachlorobutadiene	13.719	225	14378	19.438	ug/l		98
95) Naphthalene	13.774	128	98907	19.595	ug/l		99
96) 1,2,3-Trichlorobenzene	13.957	180	30702	19.237	ug/l		100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061025\
Data File : VX046589.D
Acq On : 10 Jun 2025 10:18
Operator : JC/MD
Sample : VX0610WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 11 01:42:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0610WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

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

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

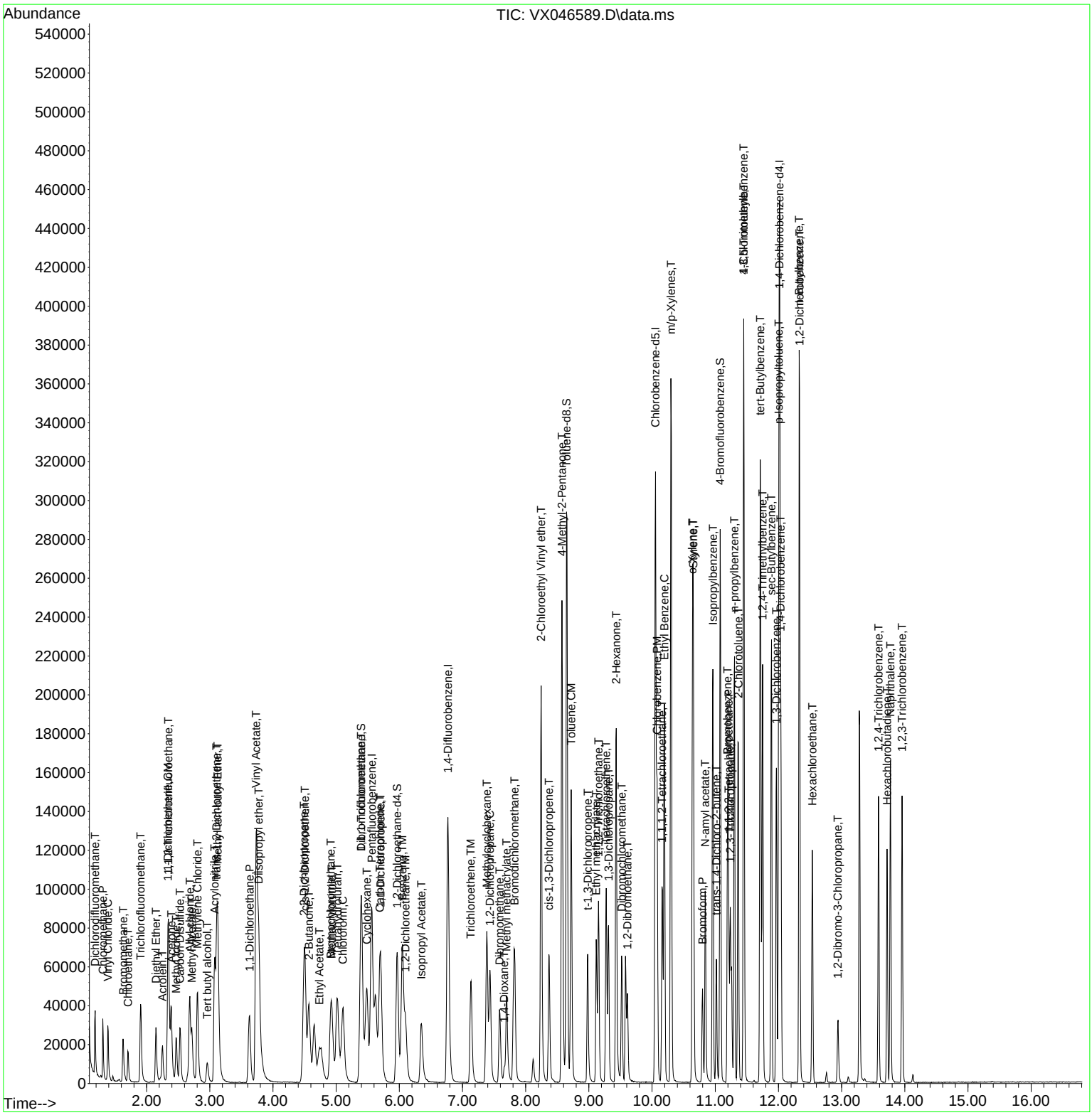
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061025\
Data File : VX046589.D
Acq On : 10 Jun 2025 10:18
Operator : JC/MD
Sample : VX0610WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 11 01:42:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0610WBS01

Manual Integrations APPROVED

Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061025\
Data File : VX046590.D
Acq On : 10 Jun 2025 10:44
Operator : JC/MD
Sample : VX0610WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 11 01:43:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0610WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	79698	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	139229	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	126313	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	65284	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	69863	49.272	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 98.540%			
35) Dibromofluoromethane	5.391	113	53548	52.299	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.600%			
50) Toluene-d8	8.647	98	172301	51.043	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.080%			
62) 4-Bromofluorobenzene	11.079	95	73113	52.349	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.700%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.184	85	19714	17.817	ug/l	97
3) Chloromethane	1.306	50	17982	17.855	ug/l	94
4) Vinyl Chloride	1.386	62	19173	19.098	ug/l	96
5) Bromomethane	1.623	94	12029	19.736	ug/l	95
6) Chloroethane	1.703	64	11655	17.893	ug/l	96
7) Trichlorofluoromethane	1.904	101	32041	19.289	ug/l	97
8) Diethyl Ether	2.148	74	11524	19.635	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.343	101	20490	19.579	ug/l	95
10) Methyl Iodide	2.465	142	24020	21.173	ug/l	100
11) Tert butyl alcohol	2.959	59	12773	81.183	ug/l	97
12) 1,1-Dichloroethene	2.337	96	18698	19.761	ug/l	90
13) Acrolein	2.251	56	18334	114.790	ug/l	99
14) Allyl chloride	2.678	41	36552	19.670	ug/l	94
15) Acrylonitrile	3.074	53	59520	100.054	ug/l	99
16) Acetone	2.385	43	49623	92.079	ug/l	94
17) Carbon Disulfide	2.526	76	38042	19.061	ug/l	96
18) Methyl Acetate	2.715	43	34953	20.695	ug/l	98
19) Methyl tert-butyl Ether	3.123	73	71303	21.536	ug/l	97
20) Methylene Chloride	2.800	84	22898	20.130	ug/l	100
21) trans-1,2-Dichloroethene	3.105	96	19750	19.723	ug/l	97
22) Diisopropyl ether	3.769	45	79532	21.708	ug/l #	68
23) Vinyl Acetate	3.733	43	295435	104.446	ug/l	100
24) 1,1-Dichloroethane	3.623	63	42302	20.717	ug/l	99
25) 2-Butanone	4.562	43	73687	93.355	ug/l	100
26) 2,2-Dichloropropane	4.495	77	31719	20.925	ug/l	100
27) cis-1,2-Dichloroethene	4.501	96	25251	20.484	ug/l	97
28) Bromochloromethane	4.903	49	20382	20.928	ug/l	100
29) Tetrahydrofuran	5.013	42	46579	93.442	ug/l	99
30) Chloroform	5.104	83	46110	21.552	ug/l	96
31) Cyclohexane	5.476	56	33496	20.320	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	38162	20.852	ug/l	97
36) 1,1-Dichloropropene	5.702	75	26610	18.194	ug/l	97
37) Ethyl Acetate	4.720	43	29636	20.762	ug/l	99
38) Carbon Tetrachloride	5.690	117	32421	19.791	ug/l	97
39) Methylcyclohexane	7.385	83	33599	19.463	ug/l	98
40) Benzene	6.049	78	84785	20.592	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061025\
Data File : VX046590.D
Acq On : 10 Jun 2025 10:44
Operator : JC/MD
Sample : VX0610WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 11 01:43:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0610WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.934	41	17305	19.522	ug/l		94
42) 1,2-Dichloroethane	6.092	62	35332	20.627	ug/l		97
43) Isopropyl Acetate	6.342	43	49240	19.787	ug/l		99
44) Trichloroethene	7.128	130	20662	19.751	ug/l		97
45) 1,2-Dichloropropane	7.433	63	22717	21.376	ug/l		100
46) Dibromomethane	7.586	93	16680	20.863	ug/l		97
47) Bromodichloromethane	7.824	83	36402	22.144	ug/l		100
48) Methyl methacrylate	7.695	41	25589	19.986	ug/l		94
49) 1,4-Dioxane	7.659	88	6531	381.440	ug/l		98
51) 4-Methyl-2-Pentanone	8.573	43	160533	101.517	ug/l		100
52) Toluene	8.720	92	53830	21.281	ug/l		98
53) t-1,3-Dichloropropene	8.982	75	31270	21.215	ug/l		98
54) cis-1,3-Dichloropropene	8.366	75	35060	21.394	ug/l		92
55) 1,1,2-Trichloroethane	9.153	97	22637	22.292	ug/l		98
56) Ethyl methacrylate	9.116	69	33471	21.419	ug/l		95
57) 1,3-Dichloropropane	9.311	76	39409	21.961	ug/l		97
58) 2-Chloroethyl Vinyl ether	8.244	63	80781	94.906	ug/l		99
59) 2-Hexanone	9.427	43	109874	96.880	ug/l		98
60) Dibromochloromethane	9.518	129	26619	22.286	ug/l		97
61) 1,2-Dibromoethane	9.610	107	22947	21.686	ug/l		99
64) Tetrachloroethene	9.274	164	16706	19.779	ug/l		97
65) Chlorobenzene	10.079	112	60350	20.315	ug/l		98
66) 1,1,1,2-Tetrachloroethane	10.165	131	22060	21.975	ug/l		99
67) Ethyl Benzene	10.195	91	106184	20.474	ug/l		98
68) m/p-Xylenes	10.299	106	79852	42.445	ug/l		99
69) o-Xylene	10.640	106	38136	20.958	ug/l		100
70) Styrene	10.652	104	67308	21.609	ug/l		98
71) Bromoform	10.799	173	16667	21.775	ug/l	#	96
73) Isopropylbenzene	10.963	105	105188	20.497	ug/l		99
74) N-amyl acetate	10.841	43	43899	19.424	ug/l		99
75) 1,1,2,2-Tetrachloroethane	11.213	83	33998	20.697	ug/l		99
76) 1,2,3-Trichloropropane	11.238	75	27348m	19.777	ug/l		
77) Bromobenzene	11.195	156	25071	21.047	ug/l		95
78) n-propylbenzene	11.305	91	123754	19.923	ug/l		99
79) 2-Chlorotoluene	11.359	91	75334	20.112	ug/l		100
80) 1,3,5-Trimethylbenzene	11.451	105	88592	20.716	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.018	75	9083	18.948	ug/l		96
82) 4-Chlorotoluene	11.451	91	88877	20.018	ug/l		98
83) tert-Butylbenzene	11.713	119	89858	20.641	ug/l		96
84) 1,2,4-Trimethylbenzene	11.750	105	88738	20.512	ug/l		99
85) sec-Butylbenzene	11.890	105	113499	20.290	ug/l		100
86) p-Isopropyltoluene	12.006	119	94330	20.228	ug/l		99
87) 1,3-Dichlorobenzene	11.969	146	47031	20.333	ug/l		99
88) 1,4-Dichlorobenzene	12.036	146	48118	20.076	ug/l		98
89) n-Butylbenzene	12.329	91	91794	20.045	ug/l		99
90) Hexachloroethane	12.536	117	16304	19.671	ug/l		99
91) 1,2-Dichlorobenzene	12.335	146	46557	20.852	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.938	75	6753	18.358	ug/l		90
93) 1,2,4-Trichlorobenzene	13.585	180	30842	20.249	ug/l		97
94) Hexachlorobutadiene	13.725	225	13499	19.071	ug/l		96
95) Naphthalene	13.774	128	95309	19.732	ug/l		100
96) 1,2,3-Trichlorobenzene	13.963	180	29998	19.642	ug/l		99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061025\
Data File : VX046590.D
Acq On : 10 Jun 2025 10:44
Operator : JC/MD
Sample : VX0610WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 11 01:43:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0610WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025

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

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

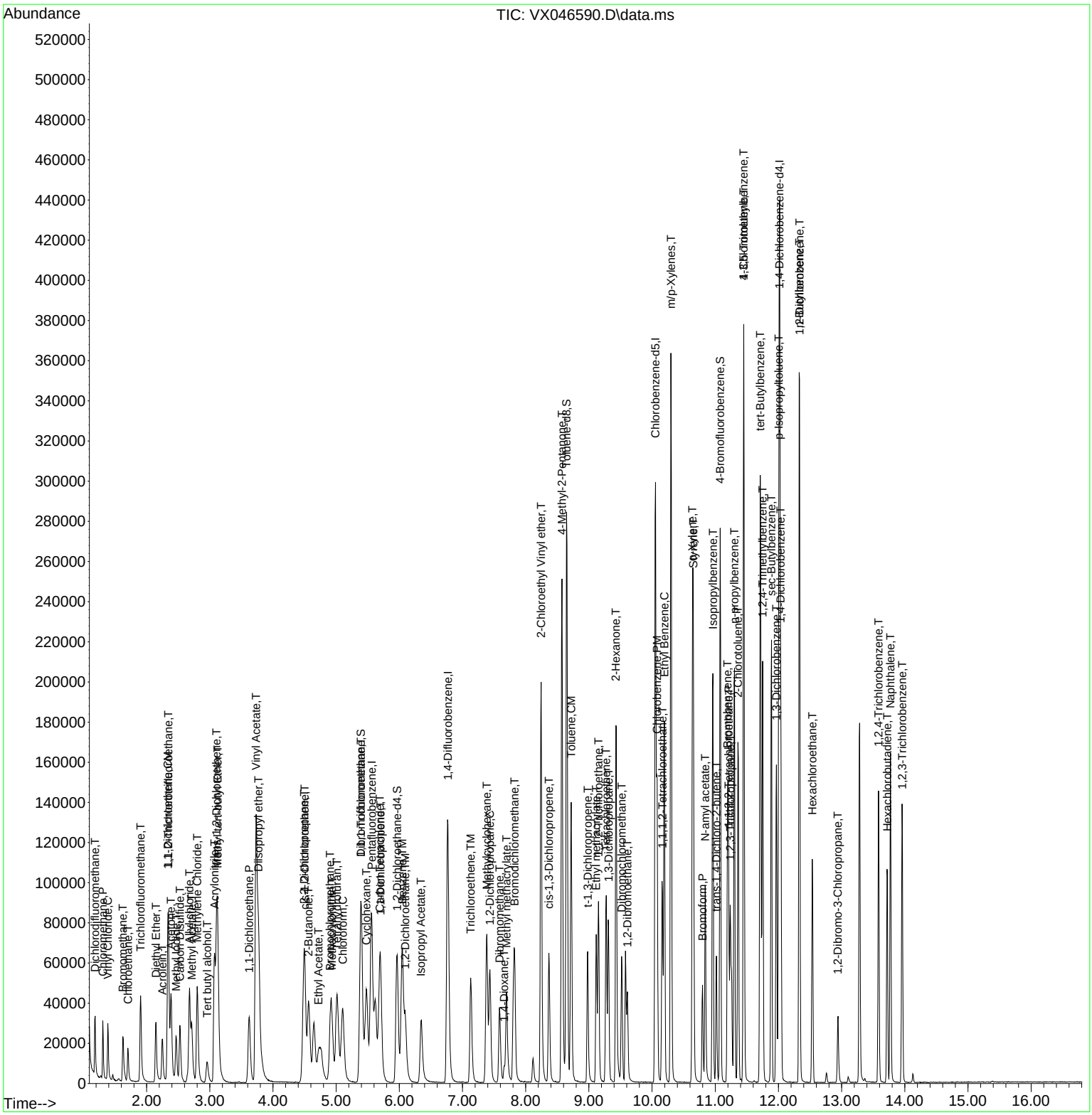
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061025\
Data File : VX046590.D
Acq On : 10 Jun 2025 10:44
Operator : JC/MD
Sample : VX0610WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 11 01:43:18 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060625W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 06 16:56:12 2025
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
VX0610WBSD01

Manual Integrations APPROVED

Reviewed By :John Carlone 06/11/2025
Supervised By :Mahesh Dadoda 06/11/2025



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

Manual Integration Report

Sequence:	VX060625	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICC005	VX046518.D	1,2,3-Trichloropropane	JOHN	6/6/2025 5:25:36 PM	MMDadoda	6/9/2025 1:14:56 PM	Peak Integrated by Software
VSTDICC020	VX046519.D	1,2,3-Trichloropropane	JOHN	6/6/2025 5:25:40 PM	MMDadoda	6/9/2025 1:14:59 PM	Peak Integrated by Software
VSTDICCC050	VX046520.D	1,2,3-Trichloropropane	JOHN	6/6/2025 5:25:44 PM	MMDadoda	6/9/2025 1:15:03 PM	Peak Integrated by Software
VSTDICC100	VX046521.D	1,2,3-Trichloropropane	JOHN	6/6/2025 5:25:48 PM	MMDadoda	6/9/2025 1:15:08 PM	Peak Integrated by Software
VSTDICC150	VX046522.D	1,2,3-Trichloropropane	JOHN	6/6/2025 5:25:52 PM	MMDadoda	6/9/2025 1:15:37 PM	Peak Integrated by Software
VSTDICC001	VX046524.D	1,2,3-Trichloropropane	JOHN	6/9/2025 8:08:38 AM	MMDadoda	6/9/2025 1:15:41 PM	Peak Integrated by Software
VSTDICC001	VX046524.D	1,4-Dichlorobenzene	JOHN	6/9/2025 8:08:38 AM	MMDadoda	6/9/2025 1:15:41 PM	Peak Integrated by Software
VSTDICC001	VX046524.D	Ethyl Acetate	JOHN	6/9/2025 8:08:38 AM	MMDadoda	6/9/2025 1:15:41 PM	Peak Integrated by Software
VSTDICV050	VX046525.D	1,2,3-Trichloropropane	JOHN	6/6/2025 5:26:01 PM	MMDadoda	6/9/2025 1:16:01 PM	Peak Integrated by Software
VSTDCCC050	VX046544.D	1,2,3-Trichloropropane	JOHN	6/9/2025 8:10:18 AM	MMDadoda	6/9/2025 1:16:52 PM	Peak Integrated by Software
VSTDCCC050	VX046546.D	1,2,3-Trichloropropane	JOHN	6/9/2025 8:10:22 AM	MMDadoda	6/9/2025 1:16:54 PM	Peak Integrated by Software
VSTDCCC050	VX046565.D	1,2,3-Trichloropropane	JOHN	6/9/2025 8:12:06 AM	Sam	6/9/2025 1:18:52 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	VX060625	Instrument	MSVOA_x

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:	vx061025	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDCCC050	VX046586.D	1,2,3-Trichloropropane	JOHN	6/11/2025 10:01:36 AM	MMDadoda	6/11/2025 11:13:23 AM	Peak Integrated by Software
VX0610WBS01	VX046589.D	1,2,3-Trichloropropane	JOHN	6/11/2025 10:01:43 AM	MMDadoda	6/11/2025 11:13:26 AM	Peak Integrated by Software
VX0610WBSD01	VX046590.D	1,2,3-Trichloropropane	JOHN	6/11/2025 10:01:48 AM	MMDadoda	6/11/2025 11:13:29 AM	Peak Integrated by Software
VSTDCCC050	VX046612.D	1,2,3-Trichloropropane	JOHN	6/11/2025 10:02:50 AM	MMDadoda	6/11/2025 11:13:46 AM	Peak Integrated by Software
VSTDICC005	VX046614.D	1,1,1-Trichloroethane	JOHN	6/11/2025 10:02:54 AM	MMDadoda	6/11/2025 11:13:49 AM	Peak Integrated by Software
VSTDICC005	VX046614.D	1,1-Dichloropropene	JOHN	6/11/2025 10:02:54 AM	MMDadoda	6/11/2025 11:13:49 AM	Peak Integrated by Software
VSTDICC005	VX046614.D	1,2,3-Trichloropropane	JOHN	6/11/2025 10:02:54 AM	MMDadoda	6/11/2025 11:13:49 AM	Peak Integrated by Software
VSTDICC005	VX046614.D	1,2-Dibromoethane	JOHN	6/11/2025 10:02:54 AM	MMDadoda	6/11/2025 11:13:49 AM	Peak Integrated by Software
VSTDICC005	VX046614.D	1,2-Dichloropropane	JOHN	6/11/2025 10:02:54 AM	MMDadoda	6/11/2025 11:13:49 AM	Peak Integrated by Software
VSTDICC005	VX046614.D	Acrolein	JOHN	6/11/2025 10:02:54 AM	MMDadoda	6/11/2025 11:13:49 AM	Peak Integrated by Software
VSTDICC005	VX046614.D	Diethyl Ether	JOHN	6/11/2025 10:02:54 AM	MMDadoda	6/11/2025 11:13:49 AM	Peak Integrated by Software
VSTDICC005	VX046614.D	Methyl methacrylate	JOHN	6/11/2025 10:02:54 AM	MMDadoda	6/11/2025 11:13:49 AM	Peak Integrated by Software
VSTDICCC020	VX046615.D	1,2,3-Trichloropropane	JOHN	6/11/2025 10:02:58 AM	MMDadoda	6/11/2025 11:13:51 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	vx061025	Instrument	MSVOA_x

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
VSTDICCC020	VX046615.D	Ethyl Acetate	JOHN	6/11/2025 10:02:58 AM	MMDadoda	6/11/2025 11:13:51 AM	Peak Integrated by Software
VSTDICC050	VX046616.D	1,2,3-Trichloropropane	JOHN	6/11/2025 10:03:09 AM	MMDadoda	6/11/2025 11:13:53 AM	Peak Integrated by Software
VSTDICC100	VX046617.D	1,2,3-Trichloropropane	JOHN	6/11/2025 10:03:14 AM	MMDadoda	6/11/2025 11:13:55 AM	Peak Integrated by Software
VSTDICC100	VX046617.D	Ethyl Acetate	JOHN	6/11/2025 10:03:14 AM	MMDadoda	6/11/2025 11:13:55 AM	Peak Integrated by Software
VSTDICC150	VX046618.D	1,2,3-Trichloropropane	JOHN	6/11/2025 10:03:18 AM	MMDadoda	6/11/2025 11:13:57 AM	Peak Integrated by Software
VSTDICC150	VX046618.D	Ethyl Acetate	JOHN	6/11/2025 10:03:18 AM	MMDadoda	6/11/2025 11:13:57 AM	Peak Integrated by Software
VSTDICV020	VX046620.D	1,2,3-Trichloropropane	JOHN	6/11/2025 10:03:22 AM	MMDadoda	6/11/2025 11:13:59 AM	Peak Integrated by Software
VSTDICV020	VX046620.D	tert-Butyl Alcohol	JOHN	6/11/2025 10:03:22 AM	MMDadoda	6/11/2025 11:13:59 AM	Peak Integrated by Software
VSTDCCC020	VX046626.D	1,2,3-Trichloropropane	JOHN	6/11/2025 10:03:50 AM	MMDadoda	6/11/2025 11:14:07 AM	Peak Integrated by Software
VSTDCCC020	VX046626.D	Ethyl Acetate	JOHN	6/11/2025 10:03:50 AM	MMDadoda	6/11/2025 11:14:07 AM	Peak Integrated by Software

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Fax : 908 789 8922

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX060625

Review By	Mahesh Dadoda	Review On	6/9/2025 1:15:21 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	6/9/2025 1:19:58 PM		
SubDirectory	VX060625	HP Acquire Method		HP Processing Method	82X060625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134153
Initial Calibration Stds	VP134235,VP134236,VP134237,VP134238,VP134239,VP134240
CCC	VP134154
Internal Standard/PEM	
ICV/I.BLK	VP134241
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX046516.D	06 Jun 2025 08:47	JC/MD	Ok
2	VSTDICC001	VX046517.D	06 Jun 2025 09:13	JC/MD	Not Ok
3	VSTDICC005	VX046518.D	06 Jun 2025 09:42	JC/MD	Ok,M
4	VSTDICC020	VX046519.D	06 Jun 2025 10:18	JC/MD	Ok,M
5	VSTDICCC050	VX046520.D	06 Jun 2025 10:40	JC/MD	Ok,M
6	VSTDICC100	VX046521.D	06 Jun 2025 11:02	JC/MD	Ok,M
7	VSTDICC150	VX046522.D	06 Jun 2025 11:25	JC/MD	Ok,M
8	IBLK	VX046523.D	06 Jun 2025 11:47	JC/MD	Ok
9	VSTDICC001	VX046524.D	06 Jun 2025 12:57	JC/MD	Ok,M
10	VSTDICV050	VX046525.D	06 Jun 2025 14:11	JC/MD	Ok,M
11	VX0606MBL01	VX046526.D	06 Jun 2025 14:39	JC/MD	Ok
12	VX0606WBL01	VX046527.D	06 Jun 2025 15:02	JC/MD	Ok
13	VX0606WBS01	VX046528.D	06 Jun 2025 15:25	JC/MD	Ok,M
14	VX0606MBS01	VX046529.D	06 Jun 2025 15:51	JC/MD	Ok,M
15	Q2168-11MEDL	VX046530.D	06 Jun 2025 16:13	JC/MD	Ok
16	VX0606WBSD01	VX046531.D	06 Jun 2025 16:36	JC/MD	Ok,M
17	Q2194-02	VX046532.D	06 Jun 2025 16:58	JC/MD	Ok
18	Q2194-04	VX046533.D	06 Jun 2025 17:21	JC/MD	Ok
19	Q2207-09	VX046534.D	06 Jun 2025 17:43	JC/MD	Ok,M
20	Q2207-18	VX046535.D	06 Jun 2025 18:06	JC/MD	Ok,M
21	Q2207-27	VX046536.D	06 Jun 2025 18:28	JC/MD	Ok,M

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Fax : 908 789 8922

Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX060625

Review By	Mahesh Dadoda	Review On	6/9/2025 1:15:21 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	6/9/2025 1:19:58 PM		
SubDirectory	VX060625	HP Acquire Method		HP Processing Method	82X060625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134153
Initial Calibration Stds	VP134235,VP134236,VP134237,VP134238,VP134239,VP134240
CCC	VP134154
Internal Standard/PEM	
ICV/I.BLK	VP134241
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2207-36	VX046537.D	06 Jun 2025 18:51	JC/MD	Ok,M
23	Q2207-45	VX046538.D	06 Jun 2025 19:13	JC/MD	Ok,M
24	Q2208-09	VX046539.D	06 Jun 2025 19:35	JC/MD	Ok,M
25	Q2208-18	VX046540.D	06 Jun 2025 19:58	JC/MD	Ok,M
26	Q2208-27	VX046541.D	06 Jun 2025 20:20	JC/MD	Ok,M
27	Q2208-36	VX046542.D	06 Jun 2025 20:42	JC/MD	Ok,M
28	Q2236-01	VX046543.D	06 Jun 2025 21:04	JC/MD	Not Ok
29	VSTDCCC050	VX046544.D	06 Jun 2025 21:26	JC/MD	Not Ok
30	BFB	VX046545.D	06 Jun 2025 23:59	JC/MD	Ok
31	VSTDCCC050	VX046546.D	07 Jun 2025 00:34	JC/MD	Ok,M
32	VX0606WBL02	VX046547.D	07 Jun 2025 01:17	JC/MD	Ok
33	VX0606WBS02	VX046548.D	07 Jun 2025 02:00	JC/MD	Ok,M
34	VX0606WBSD02	VX046549.D	07 Jun 2025 02:22	JC/MD	Ok,M
35	PB168312TB	VX046550.D	07 Jun 2025 02:43	JC/MD	Ok,M
36	PB168272TB	VX046551.D	07 Jun 2025 03:05	JC/MD	Ok,M
37	Q2236-05	VX046552.D	07 Jun 2025 03:26	JC/MD	ReRun
38	Q2236-09	VX046553.D	07 Jun 2025 03:48	JC/MD	ReRun
39	Q2236-13	VX046554.D	07 Jun 2025 04:09	JC/MD	Ok
40	Q2236-17	VX046555.D	07 Jun 2025 04:31	JC/MD	ReRun
41	Q2227-04	VX046556.D	07 Jun 2025 04:52	JC/MD	Ok,M
42	Q2228-04	VX046557.D	07 Jun 2025 05:14	JC/MD	ReRun
43	Q2235-01	VX046558.D	07 Jun 2025 05:36	JC/MD	ReRun
44	Q2240-04	VX046559.D	07 Jun 2025 05:57	JC/MD	ReRun

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX060625

Review By	Mahesh Dadoda	Review On	6/9/2025 1:15:21 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	6/9/2025 1:19:58 PM		
SubDirectory	VX060625	HP Acquire Method		HP Processing Method	82X060625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134153
Initial Calibration Stds	VP134235,VP134236,VP134237,VP134238,VP134239,VP134240
CCC	VP134154
Internal Standard/PEM	
ICV/I.BLK	VP134241
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

45	Q2240-08	VX046560.D	07 Jun 2025 06:18	JC/MD	ReRun
46	Q2240-12	VX046561.D	07 Jun 2025 06:40	JC/MD	ReRun
47	Q2241-04	VX046562.D	07 Jun 2025 07:01	JC/MD	ReRun
48	Q2241-08	VX046563.D	07 Jun 2025 07:23	JC/MD	ReRun
49	Q2226-04	VX046564.D	07 Jun 2025 07:44	JC/MD	ReRun
50	VSTDCCC050	VX046565.D	07 Jun 2025 08:06	JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX061025

Review By	John Carlone	Review On	6/11/2025 10:17:47 AM		
Supervise By	Mahesh Dadoda	Supervise On	6/11/2025 11:14:33 AM		
SubDirectory	VX061025	HP Acquire Method		HP Processing Method	82X060625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134200
Initial Calibration Stds	
CCC	VP134201,VP134202
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	BFB	VX046585.D	10 Jun 2025 08:36	JC/MD	Ok
2	VSTDCCC050	VX046586.D	10 Jun 2025 09:07	JC/MD	Ok,M
3	VX0610MBL01	VX046587.D	10 Jun 2025 09:36	JC/MD	Ok
4	VX0610WBL01	VX046588.D	10 Jun 2025 09:57	JC/MD	Ok
5	VX0610WBS01	VX046589.D	10 Jun 2025 10:18	JC/MD	Ok,M
6	VX0610WBSD01	VX046590.D	10 Jun 2025 10:44	JC/MD	Ok,M
7	Q2262-02	VX046591.D	10 Jun 2025 11:05	JC/MD	Ok
8	Q2262-04	VX046592.D	10 Jun 2025 11:27	JC/MD	Ok
9	IBLK	VX046593.D	10 Jun 2025 11:48	JC/MD	Ok
10	Q2230-01	VX046594.D	10 Jun 2025 12:09	JC/MD	Ok
11	Q2230-06	VX046595.D	10 Jun 2025 12:30	JC/MD	Ok
12	Q2233-01DL	VX046596.D	10 Jun 2025 12:51	JC/MD	Ok
13	Q2233-03DL	VX046597.D	10 Jun 2025 13:13	JC/MD	Ok
14	Q2233-04DL	VX046598.D	10 Jun 2025 13:34	JC/MD	Ok
15	Q2234-01DL	VX046599.D	10 Jun 2025 13:55	JC/MD	Ok
16	IBLK	VX046600.D	10 Jun 2025 14:16	JC/MD	Ok
17	Q2230-05	VX046601.D	10 Jun 2025 14:38	JC/MD	Ok,M
18	Q2230-02	VX046602.D	10 Jun 2025 14:59	JC/MD	Ok,M
19	Q2230-03MS	VX046603.D	10 Jun 2025 15:20	JC/MD	Not Ok
20	Q2230-04MSD	VX046604.D	10 Jun 2025 15:42	JC/MD	Not Ok
21	IBLK	VX046605.D	10 Jun 2025 16:03	JC/MD	Ok

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX061025

Review By	John Carlone	Review On	6/11/2025 10:17:47 AM		
Supervise By	Mahesh Dadoda	Supervise On	6/11/2025 11:14:33 AM		
SubDirectory	VX061025	HP Acquire Method		HP Processing Method	82X060625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134200
Initial Calibration Stds	
CCC	VP134201,VP134202
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2249-01	VX046606.D	10 Jun 2025 16:24	JC/MD	Not Ok
23	IBLK	VX046607.D	10 Jun 2025 16:46	JC/MD	Ok
24	Q2233-01	VX046608.D	10 Jun 2025 17:07	JC/MD	Dilution
25	Q2233-03	VX046609.D	10 Jun 2025 17:28	JC/MD	Dilution
26	Q2233-04	VX046610.D	10 Jun 2025 17:50	JC/MD	Dilution
27	Q2234-01	VX046611.D	10 Jun 2025 18:11	JC/MD	Dilution
28	VSTDCCC050	VX046612.D	10 Jun 2025 18:53	JC/MD	Ok,M
29	BFB	VX046613.D	10 Jun 2025 19:57	JC/MD	Ok
30	VSTDICC005	VX046614.D	10 Jun 2025 20:19	JC/MD	Ok,M
31	VSTDICCC020	VX046615.D	10 Jun 2025 20:40	JC/MD	Ok,M
32	VSTDICC050	VX046616.D	10 Jun 2025 21:01	JC/MD	Ok,M
33	VSTDICC100	VX046617.D	10 Jun 2025 21:22	JC/MD	Ok,M
34	VSTDICC150	VX046618.D	10 Jun 2025 21:44	JC/MD	Ok,M
35	IBLK	VX046619.D	10 Jun 2025 22:05	JC/MD	Ok
36	VSTDICV020	VX046620.D	10 Jun 2025 22:26	JC/MD	Ok,M
37	VX0610WBS02	VX046621.D	10 Jun 2025 23:09	JC/MD	Ok,M
38	VX0610WBSD02	VX046622.D	10 Jun 2025 23:30	JC/MD	Ok,M
39	VX0610WBL02	VX046623.D	11 Jun 2025 00:12	JC/MD	Ok
40	Q2203-01	VX046624.D	11 Jun 2025 00:33	JC/MD	Dilution
41	Q2203-04	VX046625.D	11 Jun 2025 00:54	JC/MD	Dilution
42	VSTDCCC020	VX046626.D	11 Jun 2025 01:16	JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX060625

Review By	Mahesh Dadoda	Review On	6/9/2025 1:15:21 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	6/9/2025 1:19:58 PM		
SubDirectory	VX060625	HP Acquire Method		HP Processing Method	82X060625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134153
Initial Calibration Stds	VP134235,VP134236,VP134237,VP134238,VP134239,VP134240
CCC	VP134154
Internal Standard/PEM	
ICV/I.BLK	VP134241
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	BFB	BFB	VX046516.D	06 Jun 2025 08:47		JC/MD	Ok
2	VSTDICC001	VSTDICC001	VX046517.D	06 Jun 2025 09:13		JC/MD	Not Ok
3	VSTDICC005	VSTDICC005	VX046518.D	06 Jun 2025 09:42	for TCLP	JC/MD	Ok,M
4	VSTDICC020	VSTDICC020	VX046519.D	06 Jun 2025 10:18	Comp #05 fail	JC/MD	Ok,M
5	VSTDICCC050	VSTDICCC050	VX046520.D	06 Jun 2025 10:40	LR-13,16,17	JC/MD	Ok,M
6	VSTDICC100	VSTDICC100	VX046521.D	06 Jun 2025 11:02		JC/MD	Ok,M
7	VSTDICC150	VSTDICC150	VX046522.D	06 Jun 2025 11:25		JC/MD	Ok,M
8	IBLK	IBLK	VX046523.D	06 Jun 2025 11:47		JC/MD	Ok
9	VSTDICC001	VSTDICC001	VX046524.D	06 Jun 2025 12:57		JC/MD	Ok,M
10	VSTDICV050	ICVVX060625	VX046525.D	06 Jun 2025 14:11		JC/MD	Ok,M
11	VX0606MBL01	VX0606MBL01	VX046526.D	06 Jun 2025 14:39		JC/MD	Ok
12	VX0606WBL01	VX0606WBL01	VX046527.D	06 Jun 2025 15:02		JC/MD	Ok
13	VX0606WBS01	VX0606WBS01	VX046528.D	06 Jun 2025 15:25		JC/MD	Ok,M
14	VX0606MBS01	VX0606MBS01	VX046529.D	06 Jun 2025 15:51		JC/MD	Ok,M
15	Q2168-11MEDL	C2MEDL	VX046530.D	06 Jun 2025 16:13		JC/MD	Ok
16	VX0606WBSD01	VX0606WBSD01	VX046531.D	06 Jun 2025 16:36		JC/MD	Ok,M
17	Q2194-02	COMP-12	VX046532.D	06 Jun 2025 16:58	vial A pH#5.0	JC/MD	Ok
18	Q2194-04	COMP-13	VX046533.D	06 Jun 2025 17:21	vial A pH#5.0	JC/MD	Ok

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX060625

Review By	Mahesh Dadoda	Review On	6/9/2025 1:15:21 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	6/9/2025 1:19:58 PM		
SubDirectory	VX060625	HP Acquire Method		HP Processing Method	82X060625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134153
Initial Calibration Stds	VP134235,VP134236,VP134237,VP134238,VP134239,VP134240
CCC	VP134154
Internal Standard/PEM	
ICV/I.BLK	VP134241
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q2207-09	BU-703-COMP-01	VX046534.D	06 Jun 2025 17:43	vial A pH#5.0	JC/MD	Ok,M
20	Q2207-18	BU-703-COMP-02	VX046535.D	06 Jun 2025 18:06	vial A pH#5.0	JC/MD	Ok,M
21	Q2207-27	BU-703-COMP-03	VX046536.D	06 Jun 2025 18:28	vial A pH#5.0	JC/MD	Ok,M
22	Q2207-36	BU-703-COMP-04	VX046537.D	06 Jun 2025 18:51	vial A pH#5.0	JC/MD	Ok,M
23	Q2207-45	BU-703-COMP-05	VX046538.D	06 Jun 2025 19:13	vial A pH#5.0	JC/MD	Ok,M
24	Q2208-09	BU-703-COMP-06	VX046539.D	06 Jun 2025 19:35	vial A pH#5.0	JC/MD	Ok,M
25	Q2208-18	BU-703-COMP-07	VX046540.D	06 Jun 2025 19:58	vial A pH#5.0	JC/MD	Ok,M
26	Q2208-27	BU-703-COMP-08	VX046541.D	06 Jun 2025 20:20	vial A pH#5.0	JC/MD	Ok,M
27	Q2208-36	BU-703-COMP-09	VX046542.D	06 Jun 2025 20:42	vial A pH#5.0	JC/MD	Ok,M
28	Q2236-01	WC-A4-05A-G	VX046543.D	06 Jun 2025 21:04	vial A pH#5.0 Out of tune	JC/MD	Not Ok
29	VSTDCCC050	VSTDCCC050EC	VX046544.D	06 Jun 2025 21:26	Out of tune	JC/MD	Not Ok
30	BFB	BFB	VX046545.D	06 Jun 2025 23:59		JC/MD	Ok
31	VSTDCCC050	VSTDCCC050	VX046546.D	07 Jun 2025 00:34		JC/MD	Ok,M
32	VX0606WBL02	VX0606WBL02	VX046547.D	07 Jun 2025 01:17		JC/MD	Ok
33	VX0606WBS02	VX0606WBS02	VX046548.D	07 Jun 2025 02:00		JC/MD	Ok,M
34	VX0606WBSD02	VX0606WBSD02	VX046549.D	07 Jun 2025 02:22		JC/MD	Ok,M
35	PB168312TB	PB168312TB	VX046550.D	07 Jun 2025 02:43		JC/MD	Ok,M
36	PB168272TB	PB168272TB	VX046551.D	07 Jun 2025 03:05		JC/MD	Ok,M
37	Q2236-05	WC-A2-04-G	VX046552.D	07 Jun 2025 03:26	Surrogate Fail	JC/MD	ReRun

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX060625

Review By	Mahesh Dadoda	Review On	6/9/2025 1:15:21 PM		
Supervise By	Semsettin Yesilyurt	Supervise On	6/9/2025 1:19:58 PM		
SubDirectory	VX060625	HP Acquire Method		HP Processing Method	82X060625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134153
Initial Calibration Stds	VP134235,VP134236,VP134237,VP134238,VP134239,VP134240
CCC	VP134154
Internal Standard/PEM	
ICV/I.BLK	VP134241
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

38	Q2236-09	WC-A2-05-G	VX046553.D	07 Jun 2025 03:48	Internal Standard Fail	JC/MD	ReRun
39	Q2236-13	WC-A2-06-G	VX046554.D	07 Jun 2025 04:09	vial A pH#5.0	JC/MD	Ok
40	Q2236-17	WC-A2-07-G	VX046555.D	07 Jun 2025 04:31	Internal Standard Fail; Surrogate fail	JC/MD	ReRun
41	Q2227-04	TP07-MHH-WC	VX046556.D	07 Jun 2025 04:52		JC/MD	Ok,M
42	Q2228-04	TP08-MHI-WC	VX046557.D	07 Jun 2025 05:14	Internal Standard Fail	JC/MD	ReRun
43	Q2235-01	WC-A2-08-G	VX046558.D	07 Jun 2025 05:36	Internal Standard Fail	JC/MD	ReRun
44	Q2240-04	TP-3	VX046559.D	07 Jun 2025 05:57	Internal Standard Fail	JC/MD	ReRun
45	Q2240-08	TP-2	VX046560.D	07 Jun 2025 06:18	Internal Standard Fail	JC/MD	ReRun
46	Q2240-12	TP-1	VX046561.D	07 Jun 2025 06:40	Internal Standard Fail	JC/MD	ReRun
47	Q2241-04	TP-N	VX046562.D	07 Jun 2025 07:01	Internal Standard Fail	JC/MD	ReRun
48	Q2241-08	TP-S	VX046563.D	07 Jun 2025 07:23	Internal Standard Fail	JC/MD	ReRun
49	Q2226-04	TP06-MHI-WC	VX046564.D	07 Jun 2025 07:44	Internal Standard Fail	JC/MD	ReRun
50	VSTDCCC050	VSTDCCC050EC	VX046565.D	07 Jun 2025 08:06		JC/MD	Ok,M

M : Manual Integration

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX061025

Review By	John Carlone	Review On	6/11/2025 10:17:47 AM		
Supervise By	Mahesh Dadoda	Supervise On	6/11/2025 11:14:33 AM		
SubDirectory	VX061025	HP Acquire Method		HP Processing Method	82X060625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134200
Initial Calibration Stds	
CCC	VP134201,VP134202
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	VX046585.D	10 Jun 2025 08:36		JC/MD	Ok
2	VSTDCCC050	VSTDCCC050	VX046586.D	10 Jun 2025 09:07	pH#Lot#V12668	JC/MD	Ok,M
3	VX0610MBL01	VX0610MBL01	VX046587.D	10 Jun 2025 09:36		JC/MD	Ok
4	VX0610WBL01	VX0610WBL01	VX046588.D	10 Jun 2025 09:57		JC/MD	Ok
5	VX0610WBS01	VX0610WBS01	VX046589.D	10 Jun 2025 10:18		JC/MD	Ok,M
6	VX0610WBSD01	VX0610WBSD01	VX046590.D	10 Jun 2025 10:44		JC/MD	Ok,M
7	Q2262-02	ARS20-0032	VX046591.D	10 Jun 2025 11:05	vial B pH#5.0	JC/MD	Ok
8	Q2262-04	ARS20-0001	VX046592.D	10 Jun 2025 11:27	vial B pH#5.0	JC/MD	Ok
9	IBLK	IBLK	VX046593.D	10 Jun 2025 11:48		JC/MD	Ok
10	Q2230-01	FB-060425	VX046594.D	10 Jun 2025 12:09	vial A pH<2 FB	JC/MD	Ok
11	Q2230-06	TB060425	VX046595.D	10 Jun 2025 12:30	vial A pH<2 TB	JC/MD	Ok
12	Q2233-01DL	MW-18B-56-060425DL	VX046596.D	10 Jun 2025 12:51	vial B pH<2	JC/MD	Ok
13	Q2233-03DL	MW-18B-56-060425-FD	VX046597.D	10 Jun 2025 13:13	vial B pH<2	JC/MD	Ok
14	Q2233-04DL	MW-19B-72-060425DL	VX046598.D	10 Jun 2025 13:34	vial B pH<2	JC/MD	Ok
15	Q2234-01DL	MW-17B-55-060425DL	VX046599.D	10 Jun 2025 13:55	vial B pH<2	JC/MD	Ok
16	IBLK	IBLK	VX046600.D	10 Jun 2025 14:16		JC/MD	Ok
17	Q2230-05	GW-MW901-060425	VX046601.D	10 Jun 2025 14:38	vial A pH<2	JC/MD	Ok,M
18	Q2230-02	GW-MW01-060425	VX046602.D	10 Jun 2025 14:59	vial A pH<2	JC/MD	Ok,M

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX061025

Review By	John Carlone	Review On	6/11/2025 10:17:47 AM		
Supervise By	Mahesh Dadoda	Supervise On	6/11/2025 11:14:33 AM		
SubDirectory	VX061025	HP Acquire Method		HP Processing Method	82X060625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134200
Initial Calibration Stds	
CCC	VP134201,VP134202
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q2230-03MS	GW-MW01-060425MS	VX046603.D	10 Jun 2025 15:20	Internal Standard Fail; Surrogate Fail;Spike not added	JC/MD	Not Ok
20	Q2230-04MSD	GW-MW01-060425MSI	VX046604.D	10 Jun 2025 15:42	Internal Standard Fail; Surrogate Fail;Spike not added	JC/MD	Not Ok
21	IBLK	IBLK	VX046605.D	10 Jun 2025 16:03		JC/MD	Ok
22	Q2249-01	MW-06-6.5-060525	VX046606.D	10 Jun 2025 16:24	Run @ lower dilution	JC/MD	Not Ok
23	IBLK	IBLK	VX046607.D	10 Jun 2025 16:46		JC/MD	Ok
24	Q2233-01	MW-18B-56-060425	VX046608.D	10 Jun 2025 17:07	vial A pH<2 Need 10X	JC/MD	Dilution
25	Q2233-03	MW-18B-56-060425-FD	VX046609.D	10 Jun 2025 17:28	vial A pH<2 Need 10X	JC/MD	Dilution
26	Q2233-04	MW-19B-72-060425	VX046610.D	10 Jun 2025 17:50	vial A pH<2 Need 100X	JC/MD	Dilution
27	Q2234-01	MW-17B-55-060425	VX046611.D	10 Jun 2025 18:11	vial A pH<2 Need 100X	JC/MD	Dilution
28	VSTDCCC050	VSTDCCC050EC	VX046612.D	10 Jun 2025 18:53		JC/MD	Ok,M
29	BFB	BFB	VX046613.D	10 Jun 2025 19:57		JC/MD	Ok
30	VSTDICC005	VSTDICC005	VX046614.D	10 Jun 2025 20:19		JC/MD	Ok,M
31	VSTDICCC020	VSTDICCC020	VX046615.D	10 Jun 2025 20:40		JC/MD	Ok,M
32	VSTDICC050	VSTDICC050	VX046616.D	10 Jun 2025 21:01		JC/MD	Ok,M
33	VSTDICC100	VSTDICC100	VX046617.D	10 Jun 2025 21:22		JC/MD	Ok,M
34	VSTDICC150	VSTDICC150	VX046618.D	10 Jun 2025 21:44		JC/MD	Ok,M
35	IBLK	IBLK	VX046619.D	10 Jun 2025 22:05		JC/MD	Ok
36	VSTDICV020	ICVVX061025	VX046620.D	10 Jun 2025 22:26		JC/MD	Ok,M
37	VX0610WBS02	VX0610WBS02	VX046621.D	10 Jun 2025 23:09		JC/MD	Ok,M

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Instrument ID: MSVOA_X

Daily Analysis Runlog For Sequence/QCBatch ID # VX061025

Review By	John Carlone	Review On	6/11/2025 10:17:47 AM		
Supervise By	Mahesh Dadoda	Supervise On	6/11/2025 11:14:33 AM		
SubDirectory	VX061025	HP Acquire Method		HP Processing Method	82X060625W.M

STD. NAME	STD REF.#
Tune/Reschk	VP134200
Initial Calibration Stds	
CCC	VP134201,VP134202
Internal Standard/PEM	
ICV/I.BLK	
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

38	VX0610WBSD02	VX0610WBSD02	VX046622.D	10 Jun 2025 23:30		JC/MD	Ok,M
39	VX0610WBL02	VX0610WBL02	VX046623.D	11 Jun 2025 00:12		JC/MD	Ok
40	Q2203-01	001-WILLETS-PT-BLVD	VX046624.D	11 Jun 2025 00:33	vial A pH<2 Need 5X	JC/MD	Dilution
41	Q2203-04	002-35TH-AVE(JUNE)	VX046625.D	11 Jun 2025 00:54	vial A pH<2 Need 5X	JC/MD	Dilution
42	VSTDCCC020	VSTDCCC020EC	VX046626.D	11 Jun 2025 01:16		JC/MD	Ok,M

M : Manual Integration

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LAB CHRONICLE

OrderID:	Q2234	**OrderDate:**	6/5/2025 10:52:00 AM
Client:	JACOBS Engineering Group, Inc.	**Project:**	Former Schlumberger STC PTC Site D3868221
Contact:	John Ynfante	**Location:**	N31,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2234-01	**MW-17B-55-060425**	**Water**			**06/04/25**			**06/05/25**
			VOCMS Group3	8260-Low			06/10/25	
Q2234-01DL	**MW-17B-55-060425DL**	**Water**			**06/04/25**			**06/05/25**
			VOCMS Group3	8260-Low			06/10/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2234

Client: JACOBS Engineering Group, Inc.

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : MW-17B-55-060425								
Q2234-01	MW-17B-55-060425	WATER	1,4-Dioxane	2.700		0.07	0.2	ug/L
			Total Svoc :			**2.70**		
			Total Concentration:			**2.70**		
Client ID : MW-18B-56-060425								
Q2234-05	MW-18B-56-060425	WATER	1,4-Dioxane	3.100		0.07	0.21	ug/L
			Total Svoc :			**3.10**		
			Total Concentration:			**3.10**		
Client ID : MW-18B-56-060425-FD								
Q2234-06	MW-18B-56-060425-FD	WATER	1,4-Dioxane	3.300		0.07	0.2	ug/L
			Total Svoc :			**3.30**		
			Total Concentration:			**3.30**		
Client ID : MW-19B-72-060425								
Q2234-07	MW-19B-72-060425	WATER	1,4-Dioxane	5.600	E	0.07	0.2	ug/L
			Total Svoc :			**5.60**		
			Total Concentration:			**5.60**		
Client ID : MW-19B-72-060425DL								
Q2234-07DL	MW-19B-72-060425DL	WATER	1,4-Dioxane	6.200	D	0.13	0.41	ug/L
			Total Svoc :			**6.20**		
			Total Concentration:			**6.20**		

SAMPLE DATA

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Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	06/04/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	06/05/25
Client Sample ID:	MW-17B-55-060425	SDG No.:	Q2234
Lab Sample ID:	Q2234-01	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-SIMGroup1
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
BN037206.D	1	06/06/25 11:54	06/10/25 00:24	PB168336

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
123-91-1	1,4-Dioxane	2.70		0.070	0.20	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.39		30 (20) - 150 (139)	97%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.42		30 (54) - 150 (157)	104%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.41		30 (27) - 130 (154)	101%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.42		30 (30) - 130 (155)	105%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.55	*	30 (54) - 130 (175)	137%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	1410	7.589			
1146-65-2	Naphthalene-d8	3750	10.372			
15067-26-2	Acenaphthene-d10	2040	14.235			
1517-22-2	Phenanthrene-d10	3650	16.984			
1719-03-5	Chrysene-d12	2310	21.189			
1520-96-3	Perylene-d12	2200	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:	JACOBS Engineering Group, Inc.	Date Collected:	06/04/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	06/05/25
Client Sample ID:	MW-18B-56-060425	SDG No.:	Q2234
Lab Sample ID:	Q2234-05	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	970 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-SIMGroup1
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
BN037207.D	1	06/06/25 11:54	06/10/25 01:00	PB168336

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
123-91-1	1,4-Dioxane	3.10		0.070	0.21	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.37		30 (20) - 150 (139)	93%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.46		30 (54) - 150 (157)	115%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.42		30 (27) - 130 (154)	104%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.43		30 (30) - 130 (155)	106%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.43		30 (54) - 130 (175)	108%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	1610	7.589			
1146-65-2	Naphthalene-d8	4080	10.362			
15067-26-2	Acenaphthene-d10	2070	14.235			
1517-22-2	Phenanthrene-d10	4040	16.984			
1719-03-5	Chrysene-d12	3510	21.18			
1520-96-3	Perylene-d12	3580	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

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Fax : 908 789 8922

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	06/04/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	06/05/25
Client Sample ID:	MW-18B-56-060425-FD	SDG No.:	Q2234
Lab Sample ID:	Q2234-06	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-SIMGroup1
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
BN037208.D	1	06/06/25 11:54	06/10/25 01:36	PB168336

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
123-91-1	1,4-Dioxane	3.30		0.070	0.20	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.38		30 (20) - 150 (139)	95%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.43		30 (54) - 150 (157)	108%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.42		30 (27) - 130 (154)	105%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.46		30 (30) - 130 (155)	114%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.49		30 (54) - 130 (175)	122%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	1780	7.589			
1146-65-2	Naphthalene-d8	4600	10.362			
15067-26-2	Acenaphthene-d10	2270	14.234			
1517-22-2	Phenanthrene-d10	4130	16.984			
1719-03-5	Chrysene-d12	3300	21.18			
1520-96-3	Perylene-d12	3380	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

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Fax : 908 789 8922

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	06/04/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	06/05/25
Client Sample ID:	MW-19B-72-060425	SDG No.:	Q2234
Lab Sample ID:	Q2234-07	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-SIMGroup1
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
BN037209.D	1	06/06/25 11:54	06/10/25 02:12	PB168336

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
123-91-1	1,4-Dioxane	5.60	E	0.070	0.20	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.39		30 (20) - 150 (139)	97%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.42		30 (54) - 150 (157)	105%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.41		30 (27) - 130 (154)	103%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.41		30 (30) - 130 (155)	103%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.63	*	30 (54) - 130 (175)	156%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	2080	7.589			
1146-65-2	Naphthalene-d8	5380	10.361			
15067-26-2	Acenaphthene-d10	3060	14.234			
1517-22-2	Phenanthrene-d10	5760	16.984			
1719-03-5	Chrysene-d12	3590	21.18			
1520-96-3	Perylene-d12	3060	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

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Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	06/04/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	06/05/25
Client Sample ID:	MW-19B-72-060425DL	SDG No.:	Q2234
Lab Sample ID:	Q2234-07DL	Matrix:	Water
Analytical Method:	SW8270ESIM	% Solid:	0
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-SIMGroup1
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
BN037213.D	2	06/06/25 11:54	06/10/25 09:49	PB168336

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
123-91-1	1,4-Dioxane	6.20	D	0.13	0.41	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.41		30 (20) - 150 (139)	101%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.43		30 (54) - 150 (157)	108%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.42		30 (27) - 130 (154)	104%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.44		30 (30) - 130 (155)	110%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.62	*	30 (54) - 130 (175)	154%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	1880	7.582			
1146-65-2	Naphthalene-d8	4810	10.362			
15067-26-2	Acenaphthene-d10	2600	14.235			
1517-22-2	Phenanthrene-d10	4390	16.984			
1719-03-5	Chrysene-d12	2810	21.189			
1520-96-3	Perylene-d12	2750	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

QC SUMMARY

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Surrogate Summary

SW-846

SDG No.: Q2234

Client: JACOBS Engineering Group, Inc.

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)
Q2234-01	MW-17B-55-060425	2-Methylnaphthalene-d10	0.4	0.39	97		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.42	104		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.41	101		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.42	105		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.55	137	*	30 (54)	130 (175)
Q2234-05	MW-18B-56-060425	2-Methylnaphthalene-d10	0.4	0.37	93		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.46	115		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.42	104		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.43	106		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.43	108		30 (54)	130 (175)
Q2234-06	MW-18B-56-060425-FD	2-Methylnaphthalene-d10	0.4	0.38	95		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.43	108		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.42	105		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.46	114		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.49	122		30 (54)	130 (175)
Q2234-07	MW-19B-72-060425	2-Methylnaphthalene-d10	0.4	0.39	97		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.42	105		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.41	103		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.41	103		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.63	156	*	30 (54)	130 (175)
Q2234-07DL	MW-19B-72-060425DL	2-Methylnaphthalene-d10	0.4	0.41	101		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.43	108		30 (54)	150 (157)
		Nitrobenzene-d5	0.4	0.42	104		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.44	110		30 (30)	130 (155)
		Terphenyl-d14	0.4	0.62	154	*	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

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2234

Client: JACOBS Engineering Group, Inc.

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			
1,4-Dioxane	0.42	2.50	3.20	ug/L	167	*			20 (10)	160 (175)	

( ) = LABORATORY INHOUSE LIMIT

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2234

Client: JACOBS Engineering Group, Inc.

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			
1,4-Dioxane	0.4	2.50	3.30	ug/L	200	*	18		20 (10)	160 (175)	20 (20)

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2234

Client: JACOBS Engineering Group, Inc.

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	1,4-Dioxane	0.4	0.40	ug/L	100				20 (65)	160 (116)	

( ) = LABORATORY INHOUSE LIMIT

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB168336BL

Lab Name: CHEMTECH Contract: JACO05

Lab Code: CHEM Case No.: Q2234 SAS No.: Q2234 SDG NO.: Q2234

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-17B-55-060425	Q2234-01	BN037206.D	06/10/2025
MW-18B-56-060425	Q2234-05	BN037207.D	06/10/2025
MW-18B-56-060425-FD	Q2234-06	BN037208.D	06/10/2025
MW-19B-72-060425	Q2234-07	BN037209.D	06/10/2025
MW-11A-13.5-060525MS	Q2250-02MS	BN037192.D	06/09/2025
MW-11A-13.5-060525MSD	Q2250-03MSD	BN037193.D	06/09/2025

COMMENTS:

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: JACO05

Lab Code: CHEM SAS No.: Q2234 SDG NO.: Q2234

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

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: JACO05

Lab Code: CHEM SAS No.: Q2234 SDG NO.: Q2234

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

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Fax : 908 789 8922

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: JACO05

Lab Code: CHEM SAS No.: Q2234 SDG NO.: Q2234

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
MW-17B-55-060425	Q2234-01	BN037206.D	06/10/2025	00:24
MW-18B-56-060425	Q2234-05	BN037207.D	06/10/2025	01:00
MW-18B-56-060425-FD	Q2234-06	BN037208.D	06/10/2025	01:36
MW-19B-72-060425	Q2234-07	BN037209.D	06/10/2025	02:12
MW-19B-72-060425DL	Q2234-07DL	BN037213.D	06/10/2025	09:49

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q2234 SAS No.: Q2234 SDG NO.: Q2234

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.

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q2234 SAS No.: Q2234 SDG NO.: Q2234

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.

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q2234 SAS No.: Q2234 SDG NO.: Q2234

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	MW-18B-56-060425	1612	7.59	4076	10.36	2065	14.24
02	MW-18B-56-060425-FD	1777	7.59	4601	10.36	2273	14.23
03	MW-19B-72-060425	2075	7.59	5375	10.36	3061	14.23
04	MW-19B-72-060425DL	1883	7.58	4807	10.36	2597	14.24
05	MW-17B-55-060425	1414	7.59	3747	10.37	2035	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.

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q2234 SAS No.: Q2234 SDG NO.: Q2234

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	MW-18B-56-060425	4042	16.98	3508	21.18	3584	23.38
02	MW-18B-56-060425-FD	4128	16.98	3296	21.18	3376	23.38
03	MW-19B-72-060425	5755	16.98	3593	21.18	3061	23.37
04	MW-19B-72-060425DL	4389	16.98	2810	21.19	2751	23.38
05	MW-17B-55-060425	3650	16.98	2308	21.19	2201	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.

QC SAMPLE DATA

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Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	
Client Sample ID:	PB168336BL	SDG No.:	Q2234
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:	SVOC-SIMGroup1
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						
123-91-1	1,4-Dioxane	0.070	U	0.070	0.20	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
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Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	
Client Sample ID:	PB168336BS	SDG No.:	Q2234
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:	SVOC-SIMGroup1
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						
123-91-1	1,4-Dioxane	0.40		0.070	0.20	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

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Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	06/05/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	06/05/25
Client Sample ID:	MW-11A-13.5-060525MS	SDG No.:	Q2234
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:	SVOC-SIMGroup1
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						
123-91-1	1,4-Dioxane	3.20		0.070	0.21	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

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Fax : 908 789 8922

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	06/05/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	06/05/25
Client Sample ID:	MW-11A-13.5-060525MSD	SDG No.:	Q2234
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:	SVOC-SIMGroup1
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						
123-91-1	1,4-Dioxane	3.30		0.070	0.20	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: JACO05

Lab Code: CHEM Case No.: Q2234 SAS No.: Q2234 SDG No.: Q2234

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
1,4-Dioxane	0.533	0.519		-2.6	20.0

All other compounds must meet a minimum RRF of 0.010.

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Fax : 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: JACO05

Lab Code: CHEM Case No.: Q2234 SAS No.: Q2234 SDG No.: Q2234

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
1,4-Dioxane	0.533	0.495		-7.1	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 : BN037206.D
Acq On : 10 Jun 2025 00:24
Operator : RC/JU
Sample : Q2234-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-17B-55-060425

Quant Time: Jun 10 04:05:00 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

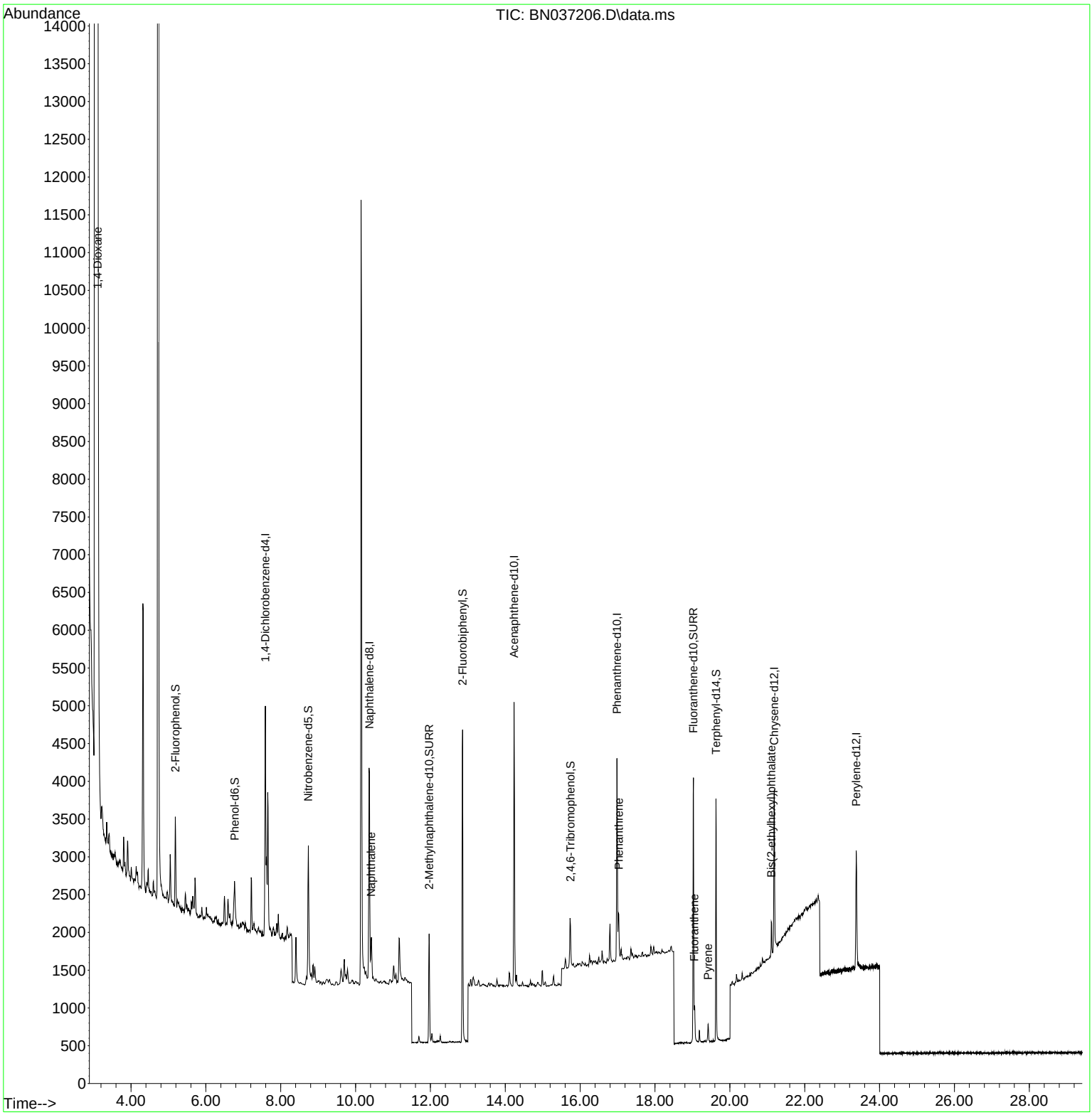
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.589	152	1414	0.400	ng	0.00
7) Naphthalene-d8	10.372	136	3747	0.400	ng	0.00
13) Acenaphthene-d10	14.235	164	2035	0.400	ng	0.00
19) Phenanthrene-d10	16.984	188	3650	0.400	ng	0.00
29) Chrysene-d12	21.189	240	2308	0.400	ng	0.00
35) Perylene-d12	23.377	264	2201	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.184	112	726	0.208	ng	0.00
5) Phenol-d6	6.773	99	507	0.120	ng	0.00
8) Nitrobenzene-d5	8.739	82	1600	0.405	ng	0.00
11) 2-Methylnaphthalene-d10	11.966	152	2023	0.388	ng	0.00
14) 2,4,6-Tribromophenol	15.743	330	390	0.476	ng	0.00
15) 2-Fluorobiphenyl	12.858	172	3663	0.422	ng	0.00
27) Fluoranthene-d10	19.026	212	3879	0.418	ng	0.00
31) Terphenyl-d14	19.630	244	2970	0.547	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.112	88	4959	2.631	ng	92
9) Naphthalene	10.415	128	389	0.036	ng	# 65
25) Phenanthrene	17.033	178	719	0.061	ng	96
28) Fluoranthene	19.054	202	305	0.023	ng	# 71
30) Pyrene	19.421	202	241	0.021	ng	# 90
34) Bis(2-ethylhexyl)phtha...	21.108	149	484	0.092	ng	# 96

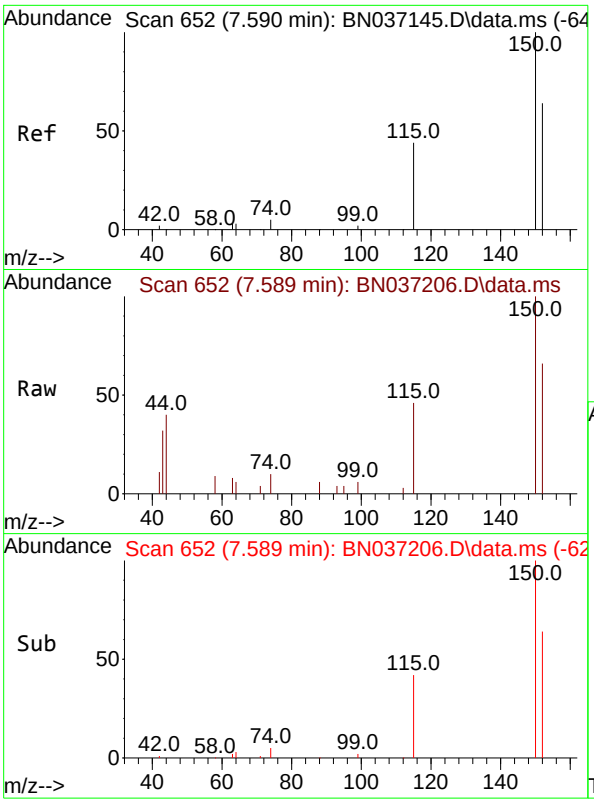
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060925\
Data File : BN037206.D
Acq On : 10 Jun 2025 00:24
Operator : RC/JU
Sample : Q2234-01
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-17B-55-060425

Quant Time: Jun 10 04:05:00 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



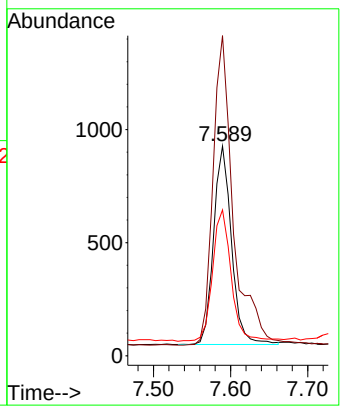


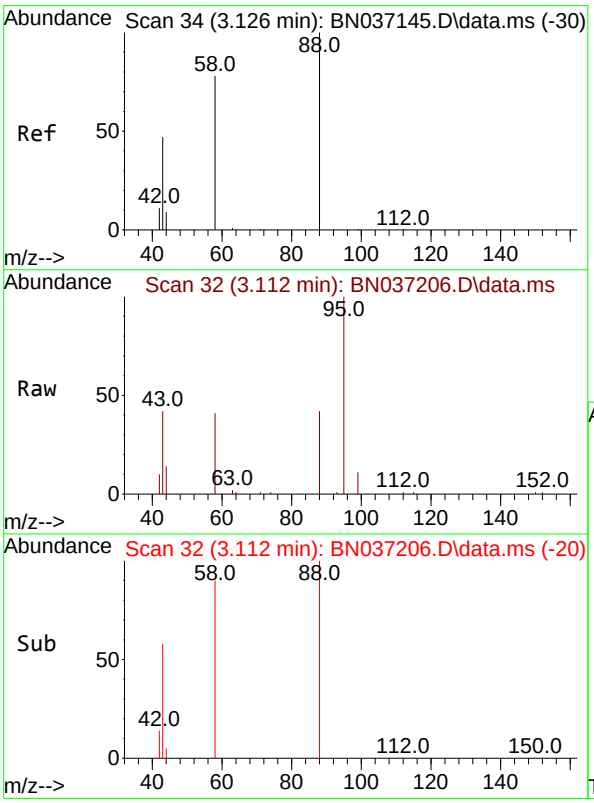
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.589 min Scan# 6
Delta R.T. -0.001 min
Lab File: BN037206.D
Acq: 10 Jun 2025 00:24

Instrument :
BNA_N
ClientSampleId :
MW-17B-55-060425

Tgt Ion:152 Resp: 1414

Ion	Ratio	Lower	Upper
152	100		
150	152.6	123.2	184.8
115	69.6	56.6	85.0

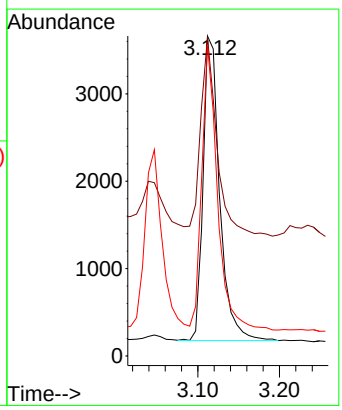


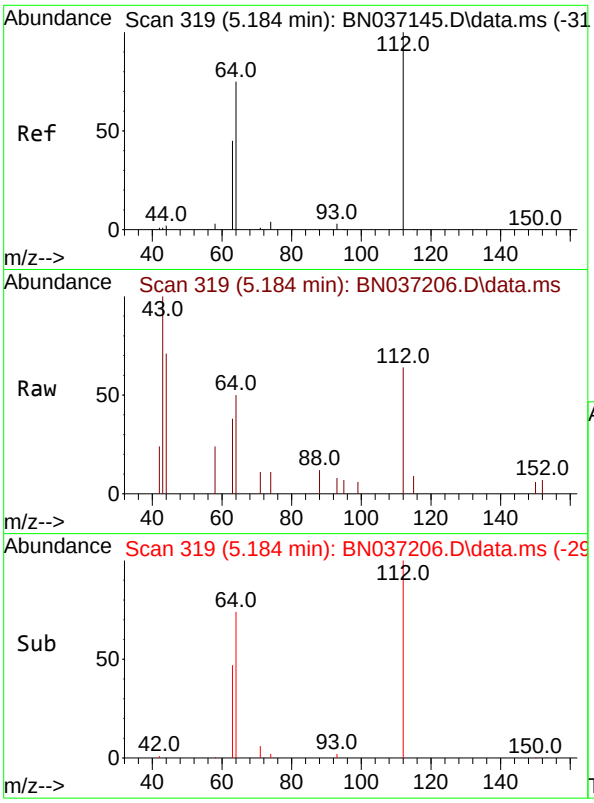


#2
1,4-Dioxane
Concen: 2.631 ng
RT: 3.112 min Scan# 32
Delta R.T. -0.015 min
Lab File: BN037206.D
Acq: 10 Jun 2025 00:24

Tgt Ion: 88 Resp: 4959

Ion	Ratio	Lower	Upper
88	100		
43	64.9	43.5	65.3
58	88.1	67.7	101.5



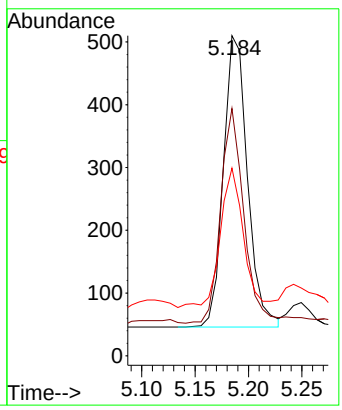


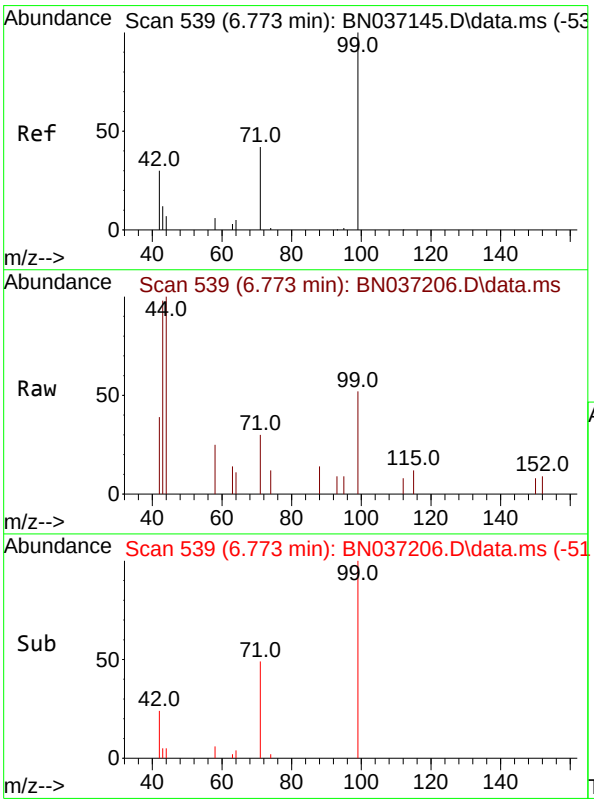
#4
2-Fluorophenol
Concen: 0.208 ng
RT: 5.184 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN037206.D
Acq: 10 Jun 2025 00:24

Instrument :
BNA_N
ClientSampleId :
MW-17B-55-060425

Tgt Ion:112 Resp: 726

Ion	Ratio	Lower	Upper
112	100		
64	73.7	56.3	84.5
63	45.6	36.2	54.4

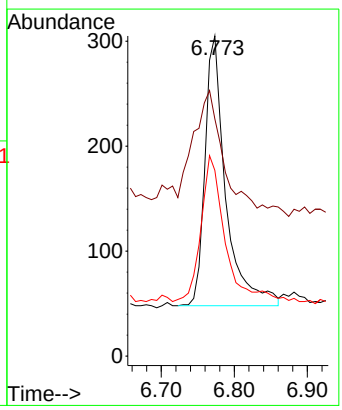


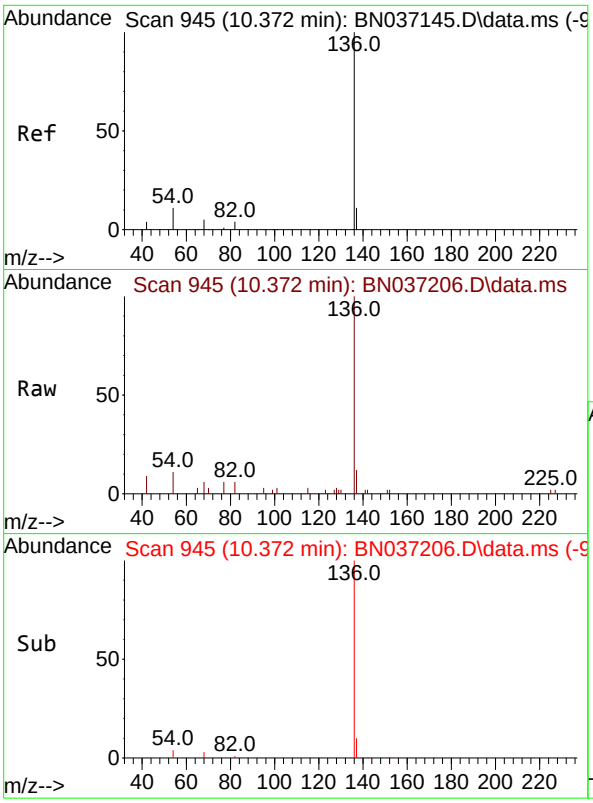


#5
Phenol-d6
Concen: 0.120 ng
RT: 6.773 min Scan# 539
Delta R.T. -0.000 min
Lab File: BN037206.D
Acq: 10 Jun 2025 00:24

Tgt Ion: 99 Resp: 507

Ion	Ratio	Lower	Upper
99	100		
42	83.4	31.3	46.9#
71	62.5	38.2	57.2#



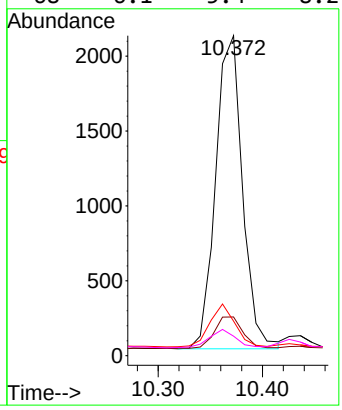


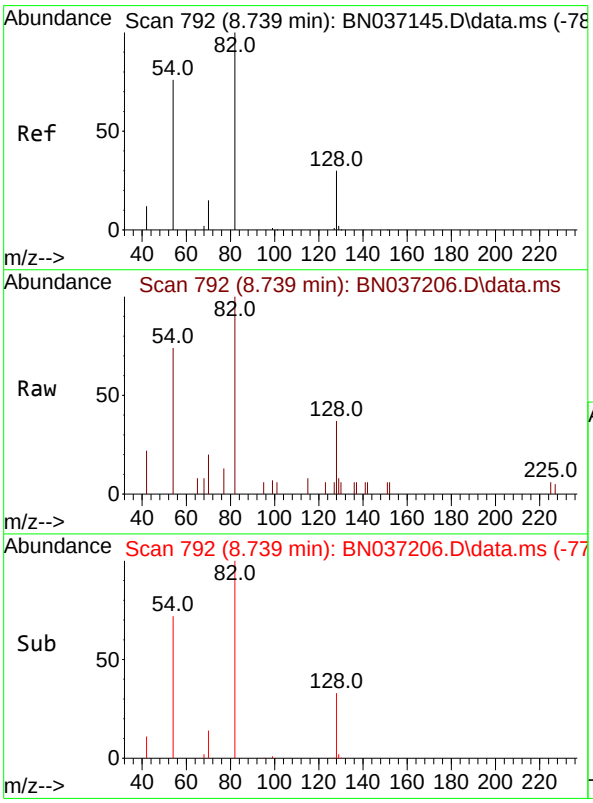
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.372 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN037206.D
Acq: 10 Jun 2025 00:24

Instrument :
BNA_N
ClientSampleId :
MW-17B-55-060425

Tgt Ion:136 Resp: 3747

Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.7	14.5
54	10.8	9.7	14.5
68	6.1	5.4	8.2

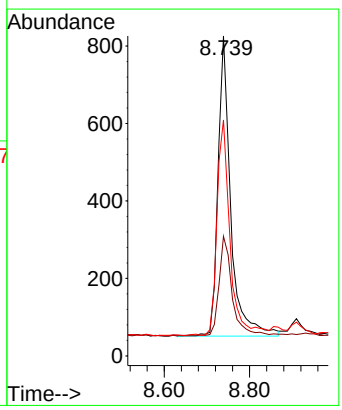


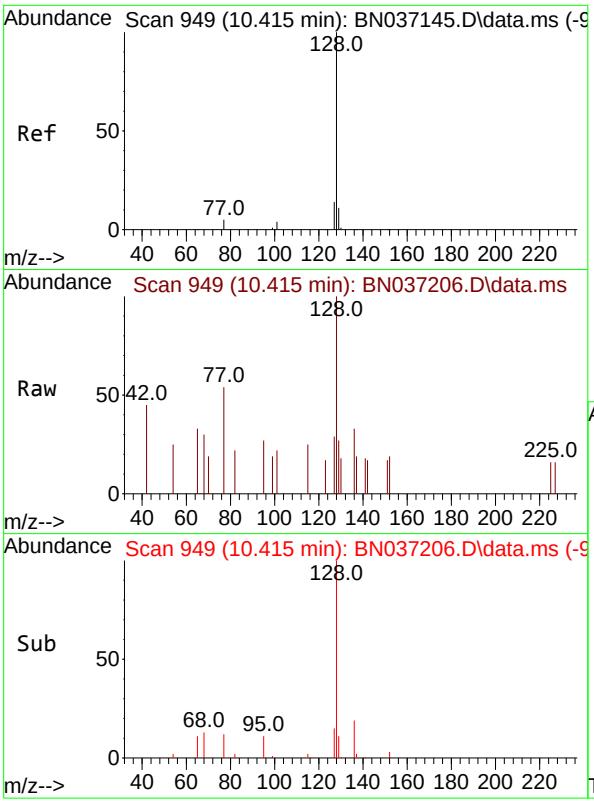


#8
Nitrobenzene-d5
Concen: 0.405 ng
RT: 8.739 min Scan# 792
Delta R.T. -0.000 min
Lab File: BN037206.D
Acq: 10 Jun 2025 00:24

Tgt Ion: 82 Resp: 1600

Ion	Ratio	Lower	Upper
82	100		
128	37.4	26.9	40.3
54	73.7	61.4	92.2



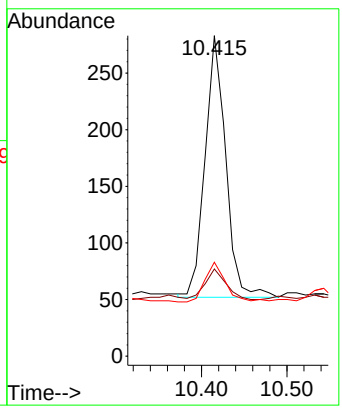


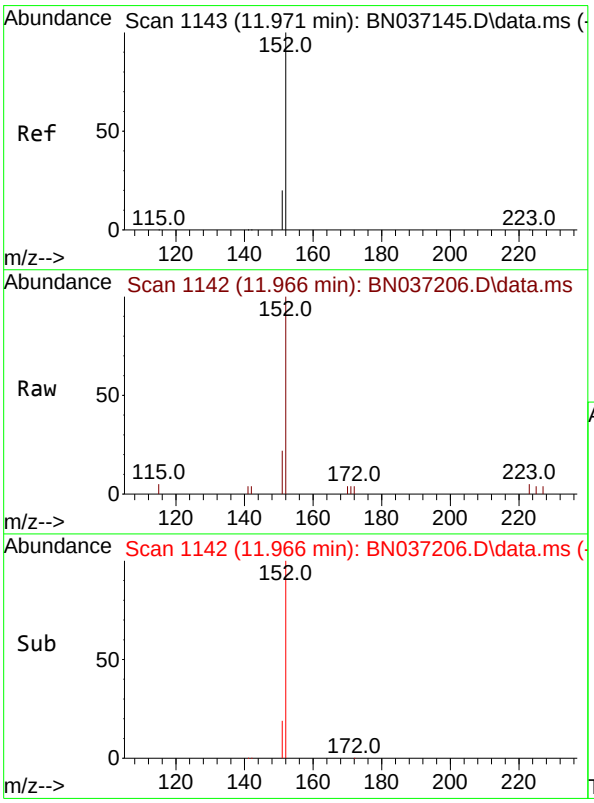
#9
Naphthalene
Concen: 0.036 ng
RT: 10.415 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN037206.D
Acq: 10 Jun 2025 00:24

Instrument :
BNA_N
ClientSampleId :
MW-17B-55-060425

Tgt Ion:128 Resp: 389

Ion	Ratio	Lower	Upper
128	100		
129	27.2	9.8	14.8#
127	29.3	12.3	18.5#

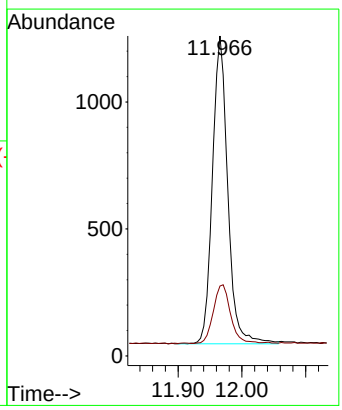


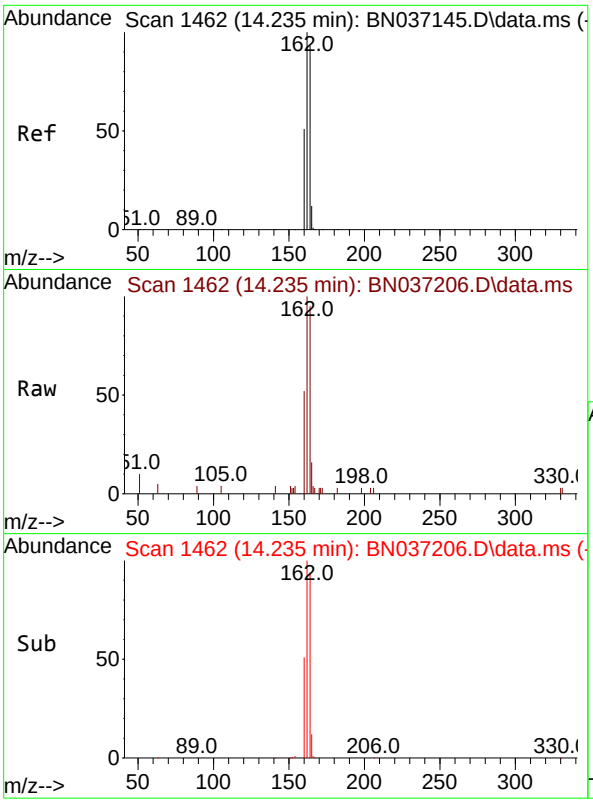


#11
2-Methylnaphthalene-d10
Concen: 0.388 ng
RT: 11.966 min Scan# 1142
Delta R.T. -0.005 min
Lab File: BN037206.D
Acq: 10 Jun 2025 00:24

Tgt Ion:152 Resp: 2023

Ion	Ratio	Lower	Upper
152	100		
151	21.4	17.1	25.7



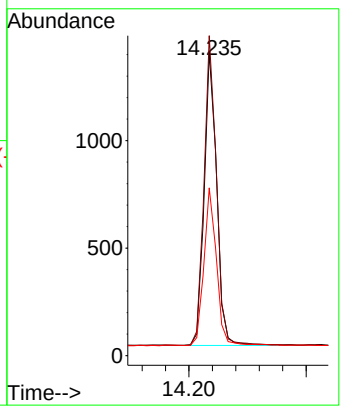


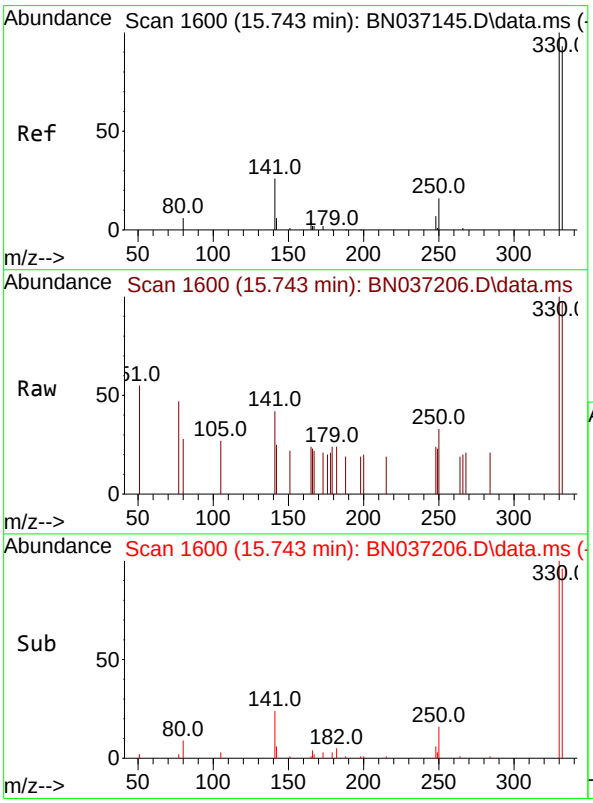
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.235 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN037206.D
Acq: 10 Jun 2025 00:24

Instrument :
BNA_N
ClientSampleId :
MW-17B-55-060425

Tgt Ion:164 Resp: 2035

Ion	Ratio	Lower	Upper
164	100		
162	105.5	85.5	128.3
160	55.3	44.6	67.0

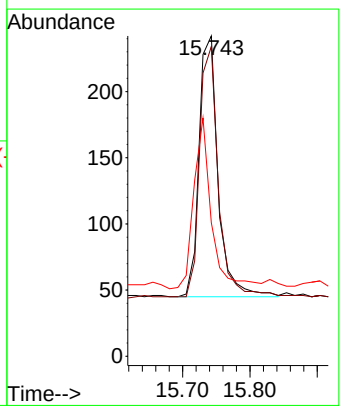


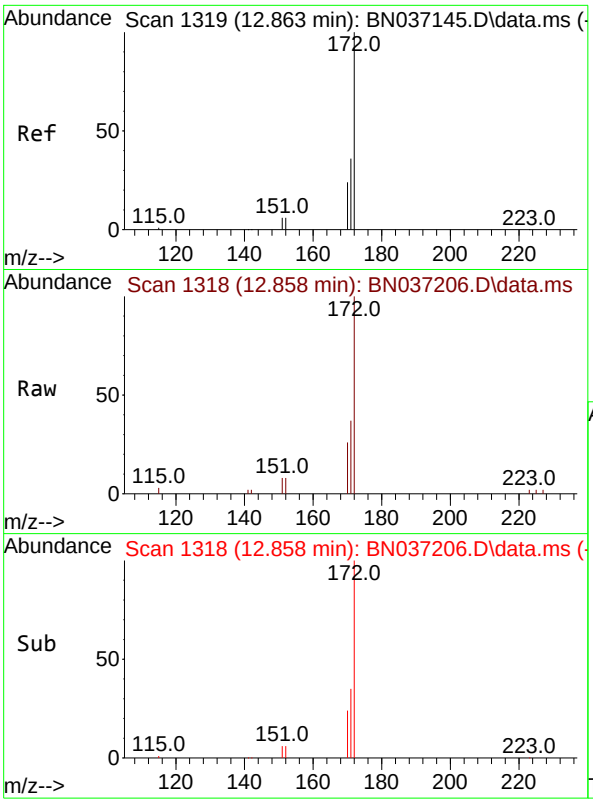


#14
2,4,6-Tribromophenol
Concen: 0.476 ng
RT: 15.743 min Scan# 1600
Delta R.T. -0.000 min
Lab File: BN037206.D
Acq: 10 Jun 2025 00:24

Tgt Ion:330 Resp: 390

Ion	Ratio	Lower	Upper
330	100		
332	94.4	77.1	115.7
141	60.5	46.4	69.6



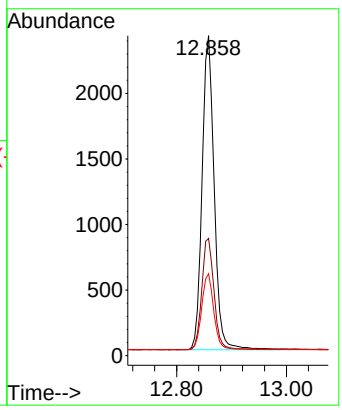


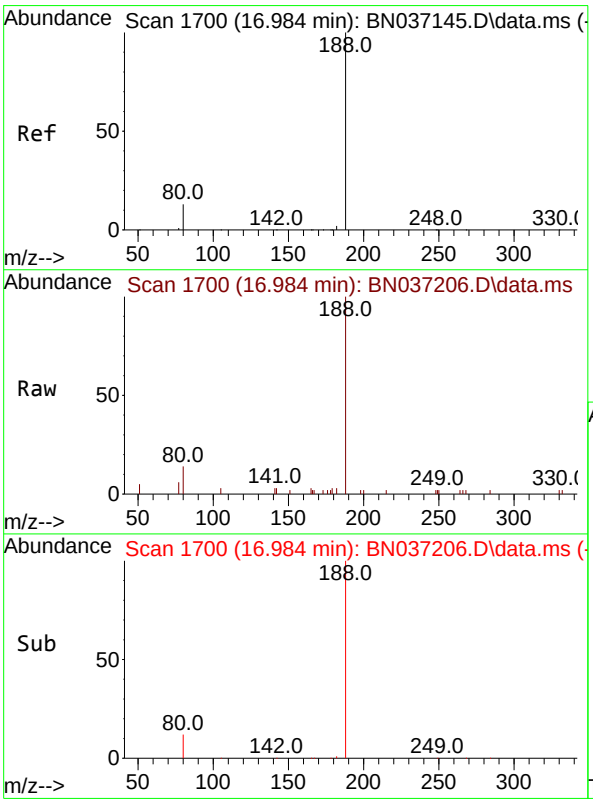
#15
2-Fluorobiphenyl
Concen: 0.422 ng
RT: 12.858 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN037206.D
Acq: 10 Jun 2025 00:24

Instrument :
BNA_N
ClientSampleId :
MW-17B-55-060425

Tgt Ion:172 Resp: 3663

Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.6	44.4
170	25.6	20.3	30.5

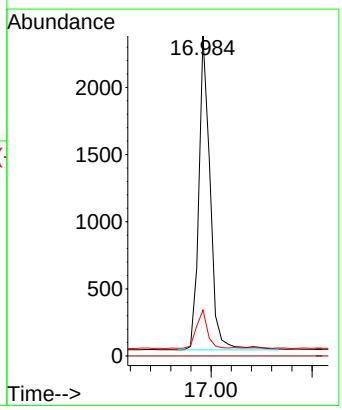


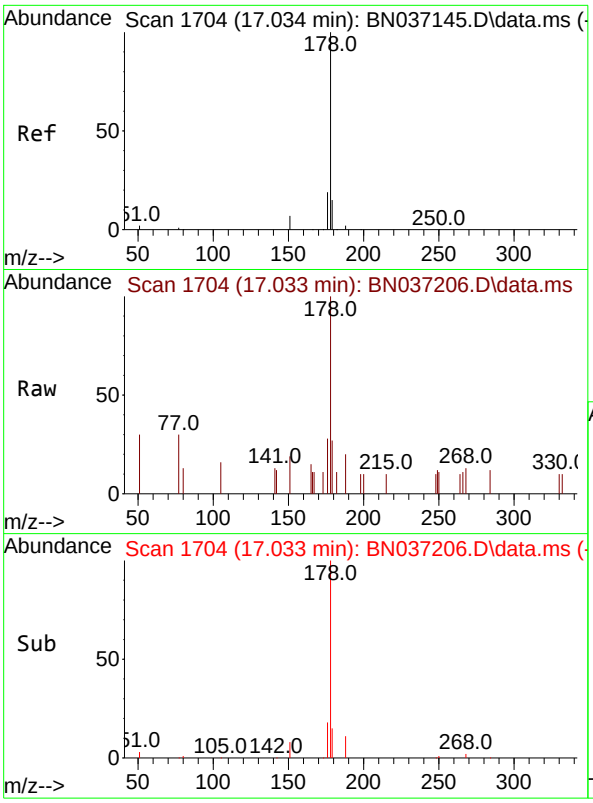


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.984 min Scan# 1700
Delta R.T. -0.000 min
Lab File: BN037206.D
Acq: 10 Jun 2025 00:24

Tgt Ion:188 Resp: 3650

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	14.4	11.3	16.9



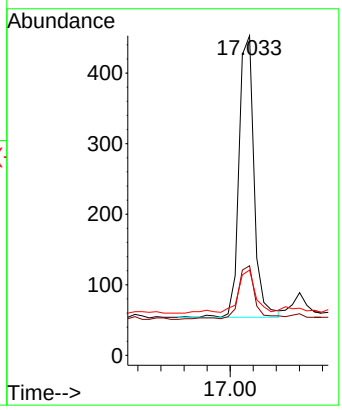


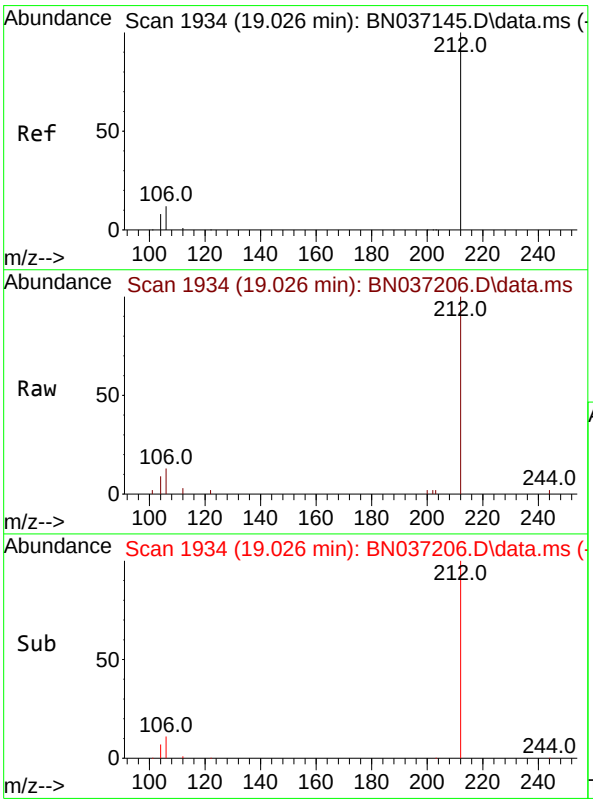
#25
Phenanthrene
Concen: 0.061 ng
RT: 17.033 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037206.D
Acq: 10 Jun 2025 00:24

Instrument :
BNA_N
ClientSampleId :
MW-17B-55-060425

Tgt Ion:178 Resp: 719

Ion	Ratio	Lower	Upper
178	100		
176	22.1	15.7	23.5
179	16.6	12.3	18.5

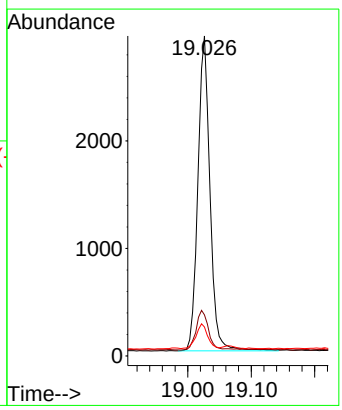


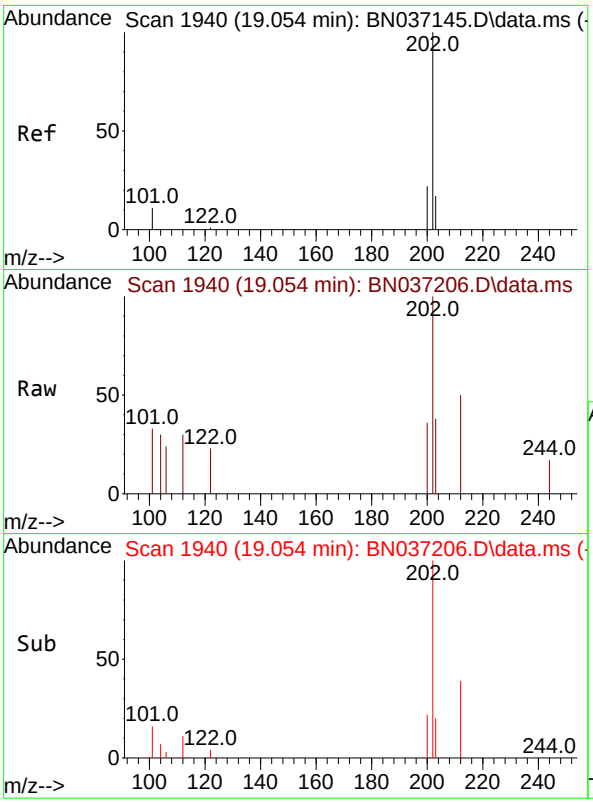


#27
Fluoranthene-d10
Concen: 0.418 ng
RT: 19.026 min Scan# 1934
Delta R.T. -0.000 min
Lab File: BN037206.D
Acq: 10 Jun 2025 00:24

Tgt Ion:212 Resp: 3879

Ion	Ratio	Lower	Upper
212	100		
106	13.1	10.6	15.8
104	7.7	6.6	9.8



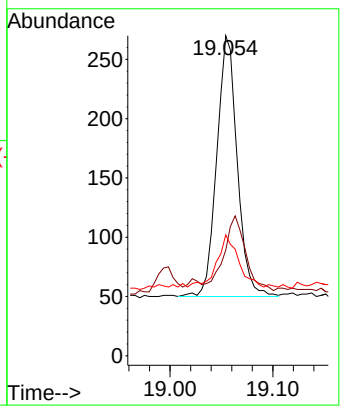


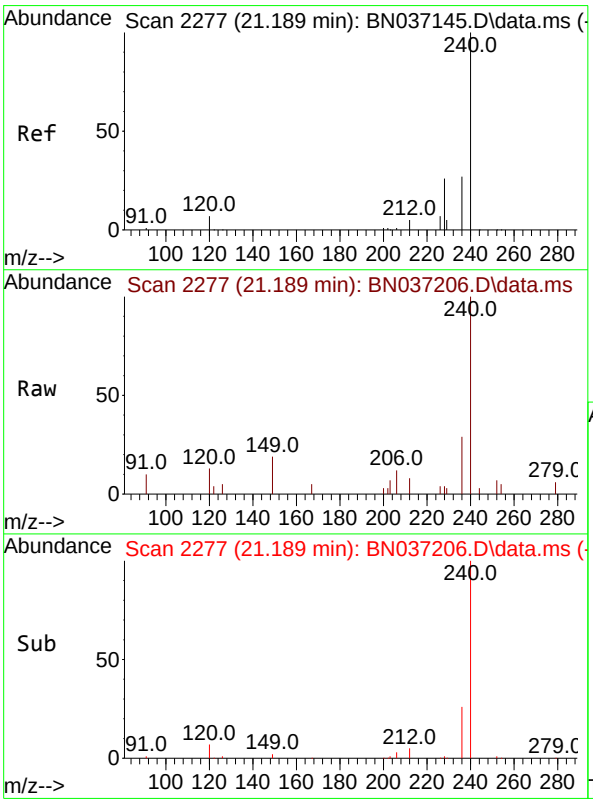
#28
Fluoranthene
Concen: 0.023 ng
RT: 19.054 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037206.D
Acq: 10 Jun 2025 00:24

Instrument :
BNA_N
ClientSampleId :
MW-17B-55-060425

Tgt Ion:202 Resp: 305

Ion	Ratio	Lower	Upper
202	100		
101	31.8	8.7	13.1#
203	22.0	13.5	20.3#

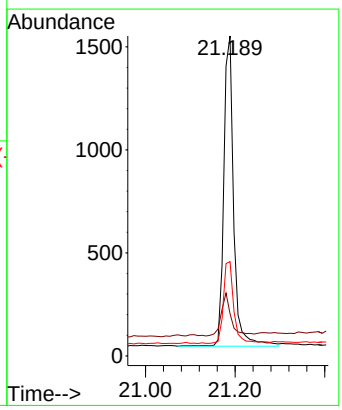


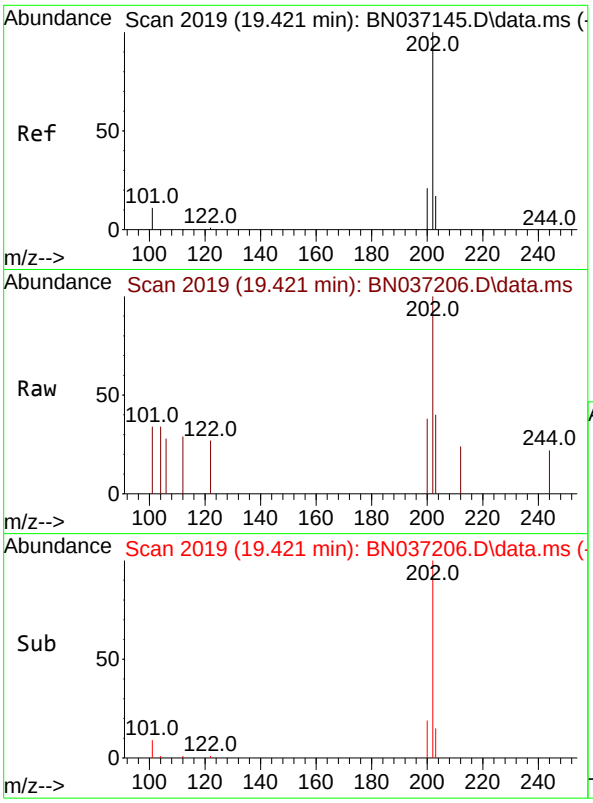


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.189 min Scan# 2277
Delta R.T. -0.000 min
Lab File: BN037206.D
Acq: 10 Jun 2025 00:24

Tgt Ion:240 Resp: 2308

Ion	Ratio	Lower	Upper
240	100		
120	13.2	9.0	13.4
236	29.5	23.0	34.4



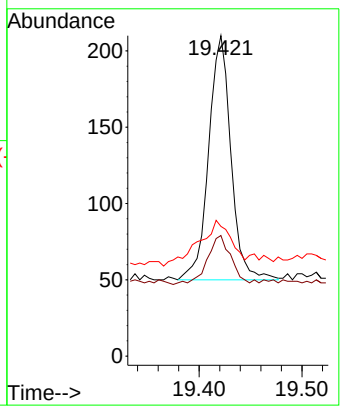


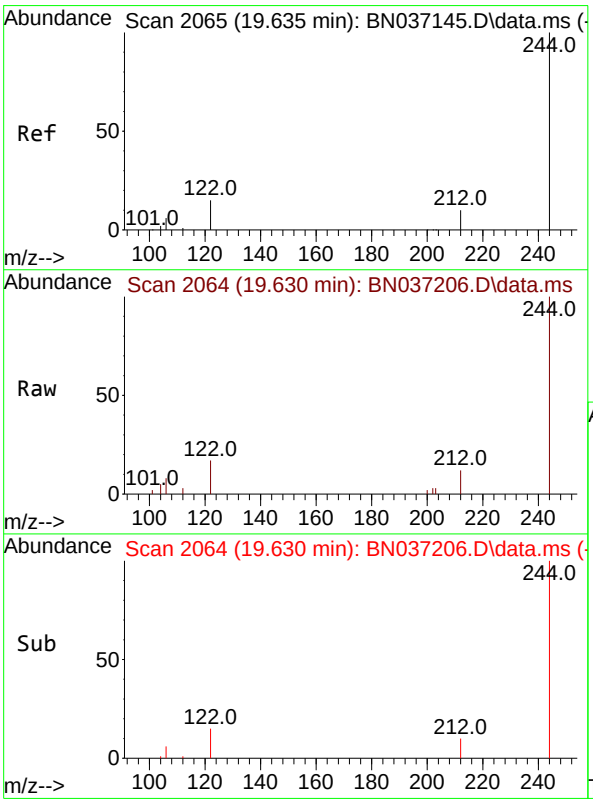
#30
Pyrene
Concen: 0.021 ng
RT: 19.421 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN037206.D
Acq: 10 Jun 2025 00:24

Instrument :
BNA_N
ClientSampleId :
MW-17B-55-060425

Tgt Ion:202 Resp: 241

Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.0	25.6
203	27.4	14.2	21.4#

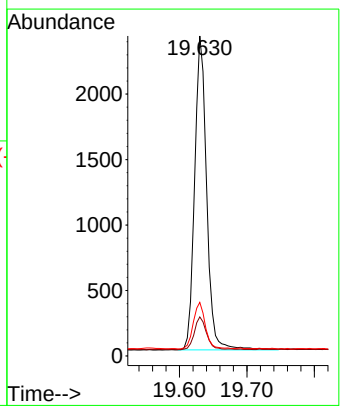


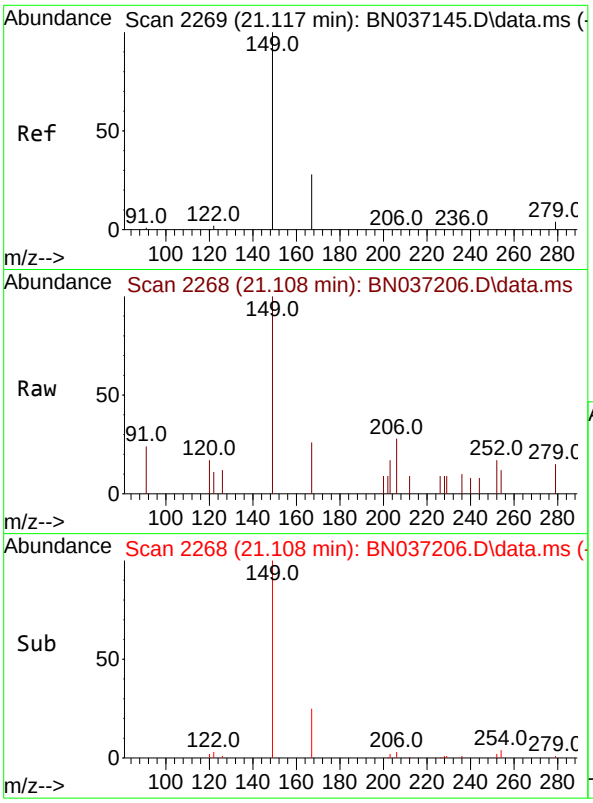


#31
Terphenyl-d14
Concen: 0.547 ng
RT: 19.630 min Scan# 2064
Delta R.T. -0.005 min
Lab File: BN037206.D
Acq: 10 Jun 2025 00:24

Tgt Ion:244 Resp: 2970

Ion	Ratio	Lower	Upper
244	100		
212	12.2	10.0	15.0
122	16.8	13.2	19.8



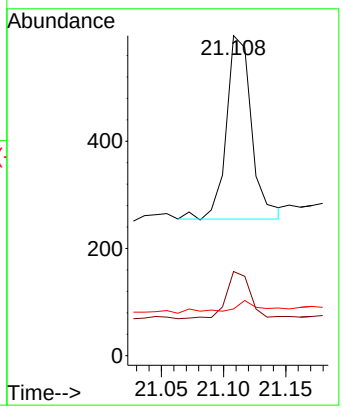


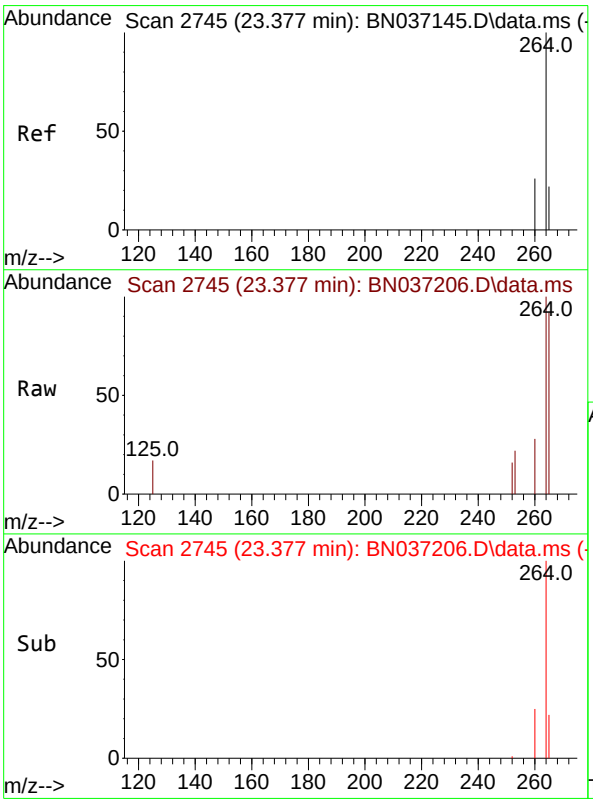
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.092 ng
RT: 21.108 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN037206.D
Acq: 10 Jun 2025 00:24

Instrument :
BNA_N
ClientSampleId :
MW-17B-55-060425

Tgt Ion:149 Resp: 484

Ion	Ratio	Lower	Upper
149	100		
167	24.4	21.0	31.4
279	5.4	2.9	4.3#

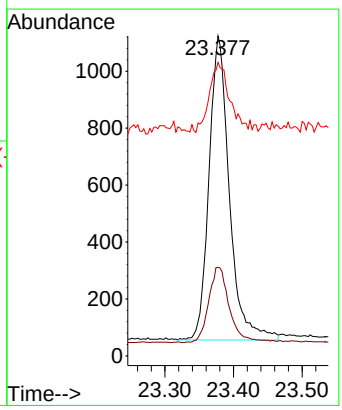




#35
Perylene-d12
Concen: 0.400 ng
RT: 23.377 min Scan# 2745
Delta R.T. -0.000 min
Lab File: BN037206.D
Acq: 10 Jun 2025 00:24

Tgt Ion:264 Resp: 2201

Ion	Ratio	Lower	Upper
264	100		
260	27.7	22.1	33.1
265	91.7	55.8	83.8#



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060925\
Data File : BN037207.D
Acq On : 10 Jun 2025 01:00
Operator : RC/JU
Sample : Q2234-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-18B-56-060425

Quant Time: Jun 10 04:05:16 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

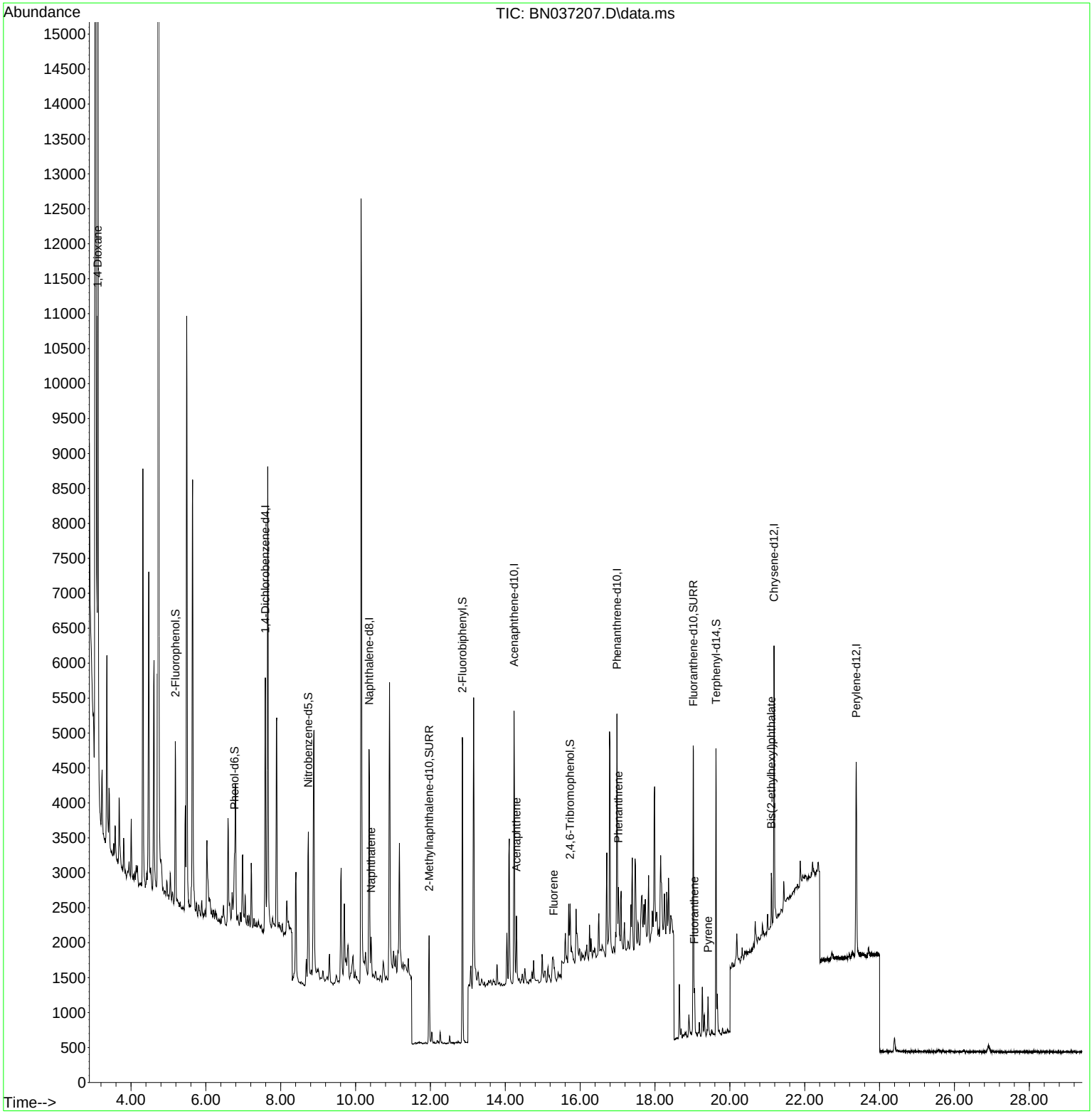
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.589	152	1612	0.400	ng	0.00
7) Naphthalene-d8	10.362	136	4076	0.400	ng	#-0.01
13) Acenaphthene-d10	14.235	164	2065	0.400	ng	0.00
19) Phenanthrene-d10	16.984	188	4042	0.400	ng	0.00
29) Chrysene-d12	21.180	240	3508	0.400	ng	# 0.00
35) Perylene-d12	23.377	264	3584	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.184	112	859	0.215	ng	0.00
5) Phenol-d6	6.766	99	670	0.139	ng	0.00
8) Nitrobenzene-d5	8.739	82	1794	0.417	ng	0.00
11) 2-Methylnaphthalene-d10	11.965	152	2119	0.373	ng	0.00
14) 2,4,6-Tribromophenol	15.730	330	407	0.490	ng	-0.01
15) 2-Fluorobiphenyl	12.853	172	3753	0.426	ng	-0.01
27) Fluoranthene-d10	19.026	212	4719	0.459	ng	0.00
31) Terphenyl-d14	19.630	244	3566	0.432	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.112	88	6378	2.968	ng	# 78
9) Naphthalene	10.415	128	623	0.053	ng	# 76
17) Acenaphthene	14.299	154	244	0.037	ng	98
18) Fluorene	15.293	166	176	0.020	ng	90
25) Phenanthrene	17.021	178	963	0.074	ng	96
28) Fluoranthene	19.054	202	509	0.035	ng	96
30) Pyrene	19.416	202	483	0.028	ng	# 93
34) Bis(2-ethylhexyl)phtha...	21.108	149	831	0.104	ng	# 99

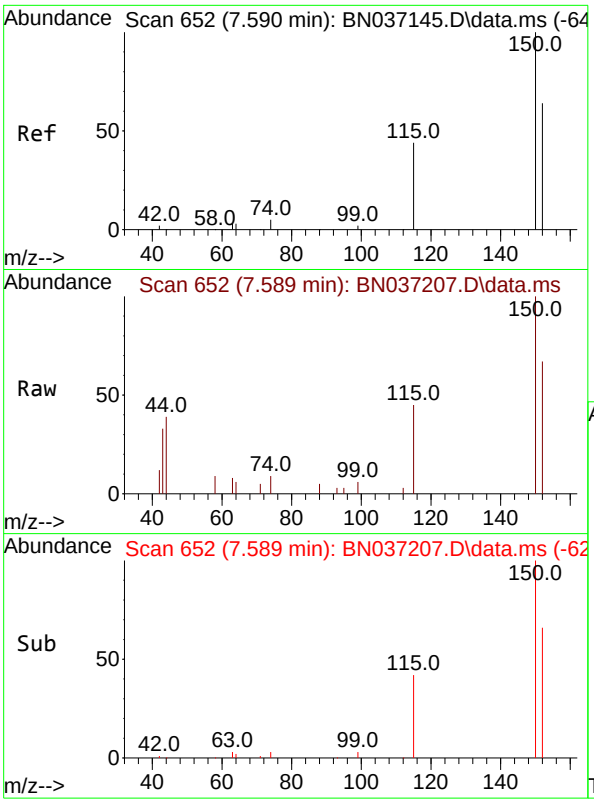
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060925\
Data File : BN037207.D
Acq On : 10 Jun 2025 01:00
Operator : RC/JU
Sample : Q2234-05
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-18B-56-060425

Quant Time: Jun 10 04:05:16 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



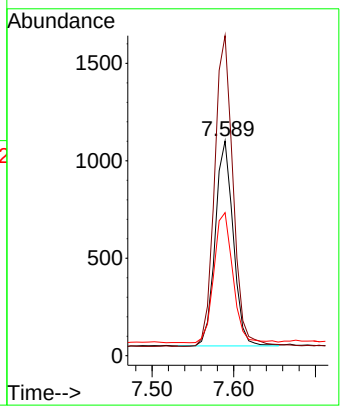


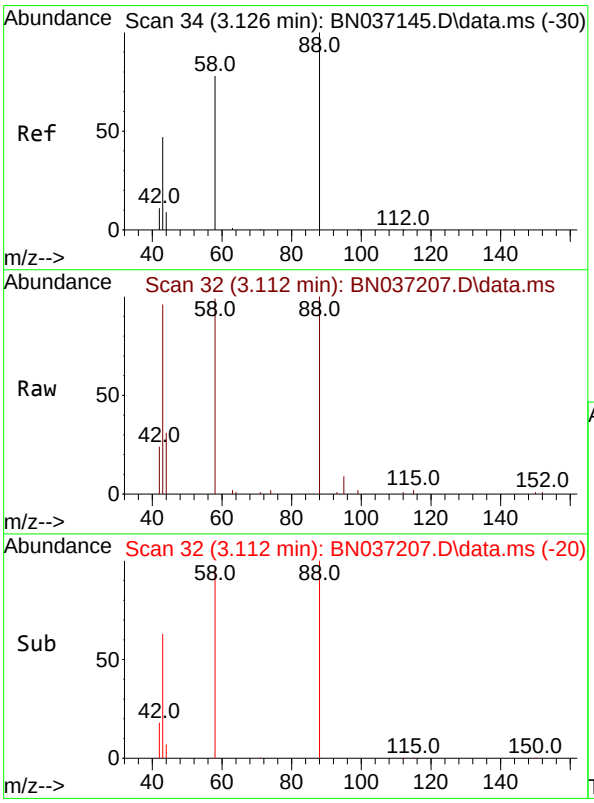
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.589 min Scan# 6
Delta R.T. -0.001 min
Lab File: BN037207.D
Acq: 10 Jun 2025 01:00

Instrument :
BNA_N
ClientSampleId :
MW-18B-56-060425

Tgt Ion:152 Resp: 1612

Ion	Ratio	Lower	Upper
152	100		
150	149.0	123.2	184.8
115	66.6	56.6	85.0

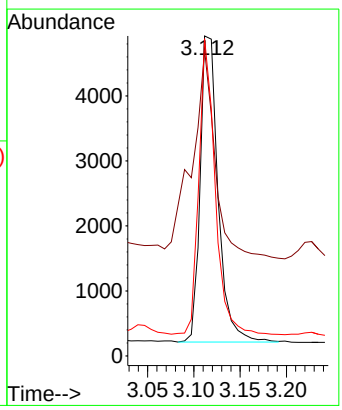


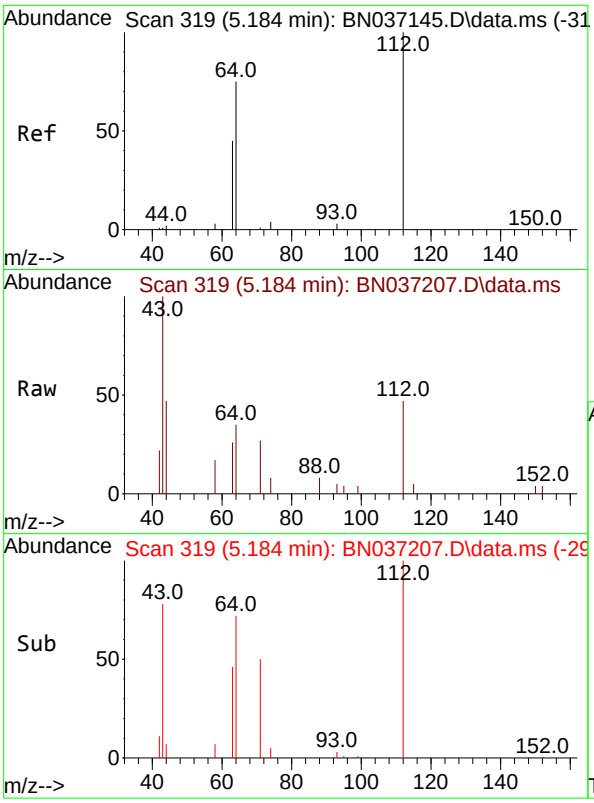


#2
1,4-Dioxane
Concen: 2.968 ng
RT: 3.112 min Scan# 32
Delta R.T. -0.015 min
Lab File: BN037207.D
Acq: 10 Jun 2025 01:00

Tgt Ion: 88 Resp: 6378

Ion	Ratio	Lower	Upper
88	100		
43	90.2	43.5	65.3#
58	87.7	67.7	101.5



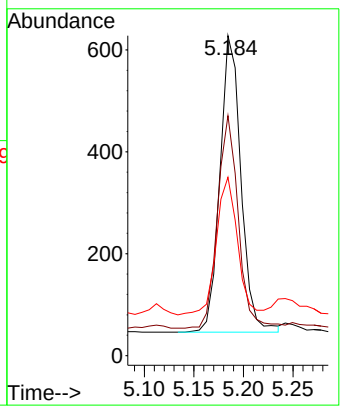


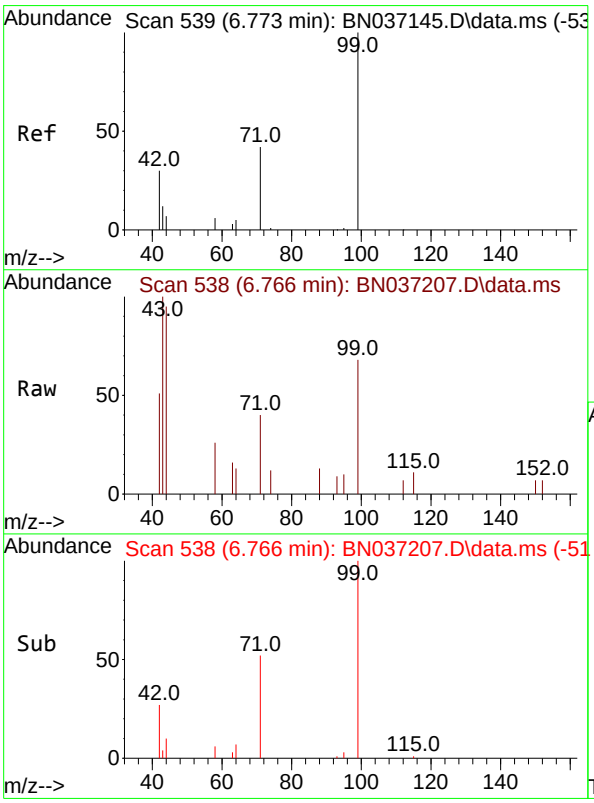
#4
2-Fluorophenol
Concen: 0.215 ng
RT: 5.184 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN037207.D
Acq: 10 Jun 2025 01:00

Instrument :
BNA_N
ClientSampleId :
MW-18B-56-060425

Tgt Ion:112 Resp: 859

Ion	Ratio	Lower	Upper
112	100		
64	70.7	56.3	84.5
63	46.2	36.2	54.4

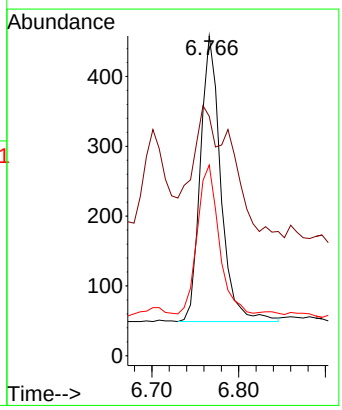


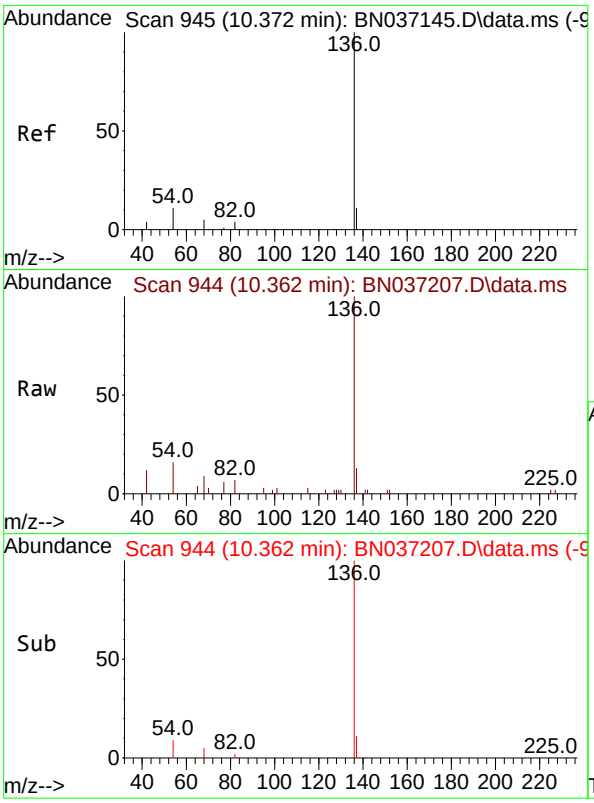


#5
Phenol-d6
Concen: 0.139 ng
RT: 6.766 min Scan# 538
Delta R.T. -0.007 min
Lab File: BN037207.D
Acq: 10 Jun 2025 01:00

Tgt Ion: 99 Resp: 670

Ion	Ratio	Lower	Upper
99	100		
42	89.0	31.3	46.9#
71	55.5	38.2	57.2



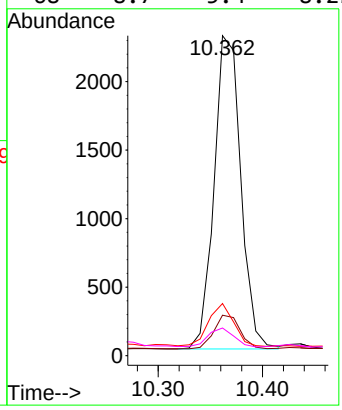


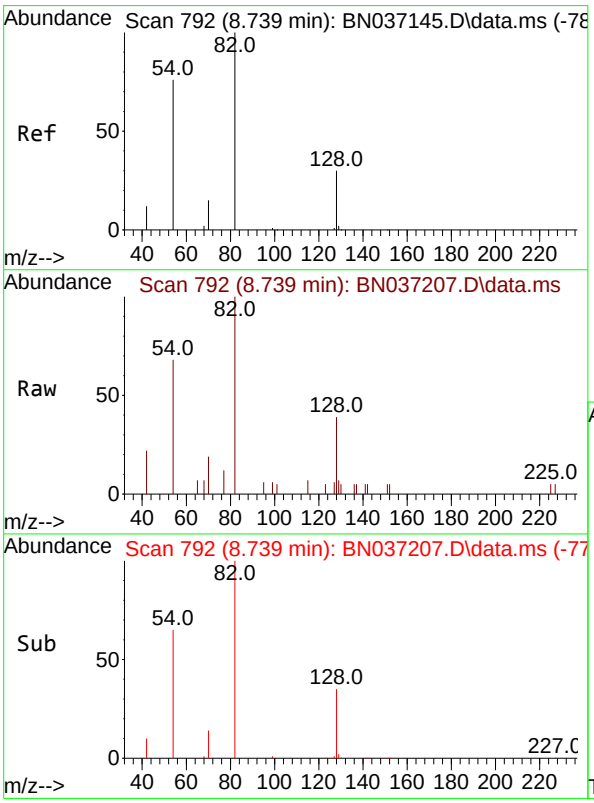
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.362 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN037207.D
Acq: 10 Jun 2025 01:00

Instrument :
BNA_N
ClientSampleId :
MW-18B-56-060425

Tgt Ion:136 Resp: 4076

Ion	Ratio	Lower	Upper
136	100		
137	12.7	9.7	14.5
54	16.3	9.7	14.5#
68	8.7	5.4	8.2#

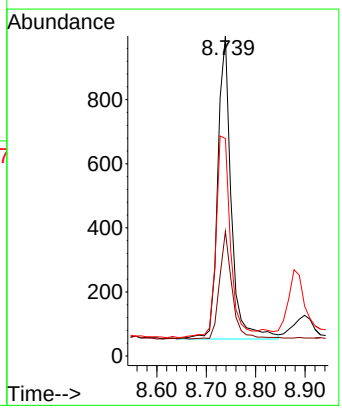


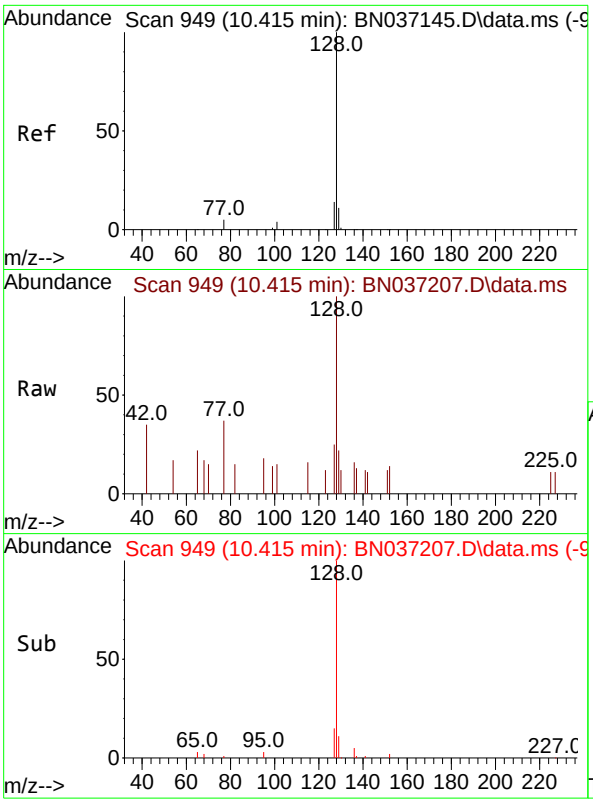


#8
Nitrobenzene-d5
Concen: 0.417 ng
RT: 8.739 min Scan# 792
Delta R.T. -0.000 min
Lab File: BN037207.D
Acq: 10 Jun 2025 01:00

Tgt Ion: 82 Resp: 1794

Ion	Ratio	Lower	Upper
82	100		
128	38.9	26.9	40.3
54	68.0	61.4	92.2



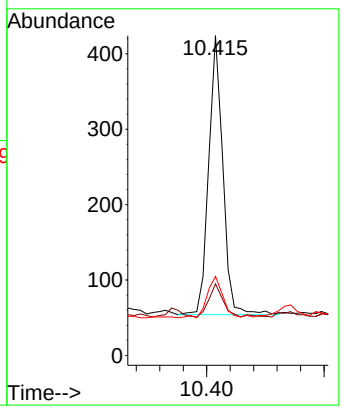


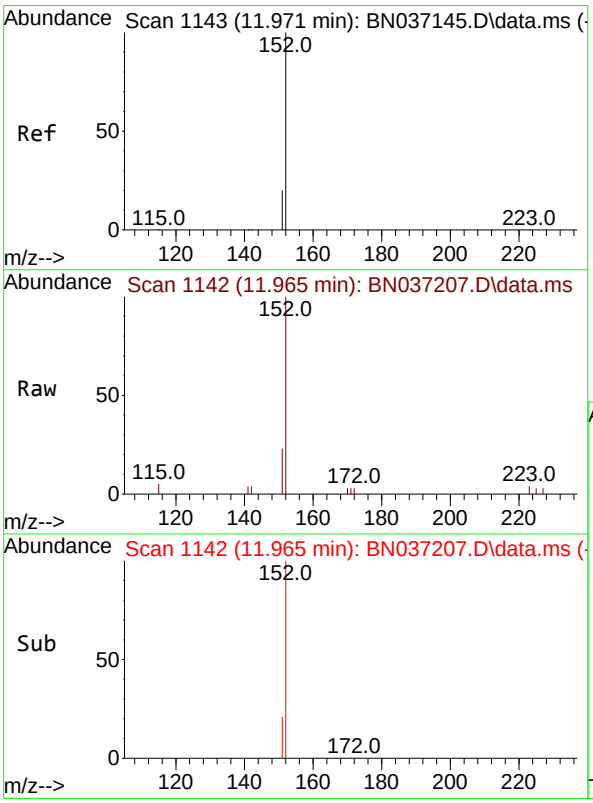
#9
Naphthalene
Concen: 0.053 ng
RT: 10.415 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN037207.D
Acq: 10 Jun 2025 01:00

Instrument :
BNA_N
ClientSampleId :
MW-18B-56-060425

Tgt Ion:128 Resp: 623

Ion	Ratio	Lower	Upper
128	100		
129	22.4	9.8	14.8#
127	24.8	12.3	18.5#

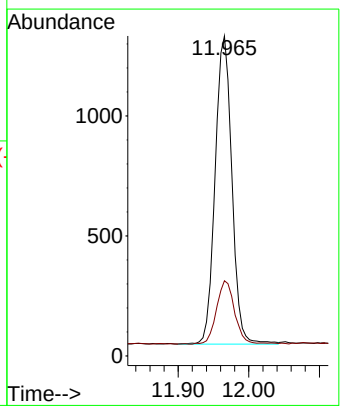


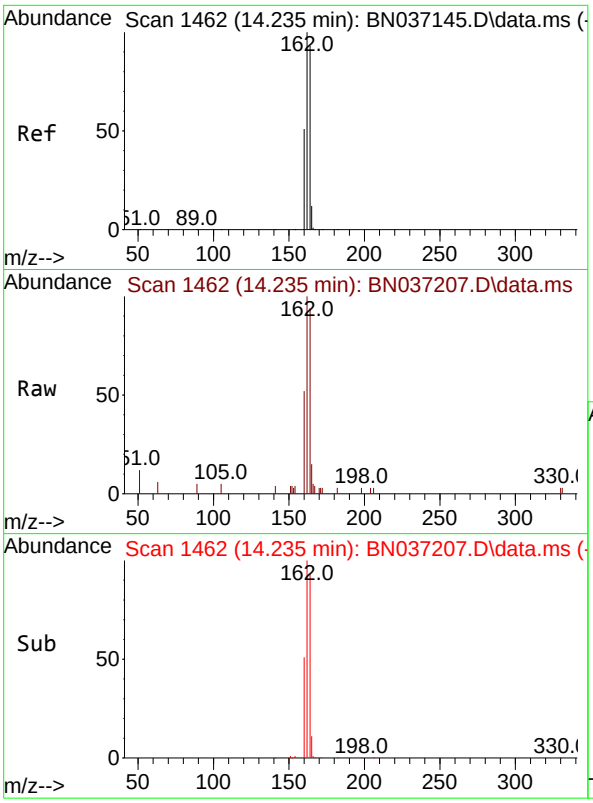


#11
2-Methylnaphthalene-d10
Concen: 0.373 ng
RT: 11.965 min Scan# 1142
Delta R.T. -0.005 min
Lab File: BN037207.D
Acq: 10 Jun 2025 01:00

Tgt Ion:152 Resp: 2119

Ion	Ratio	Lower	Upper
152	100		
151	22.1	17.1	25.7



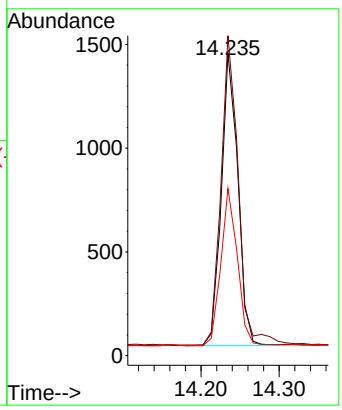


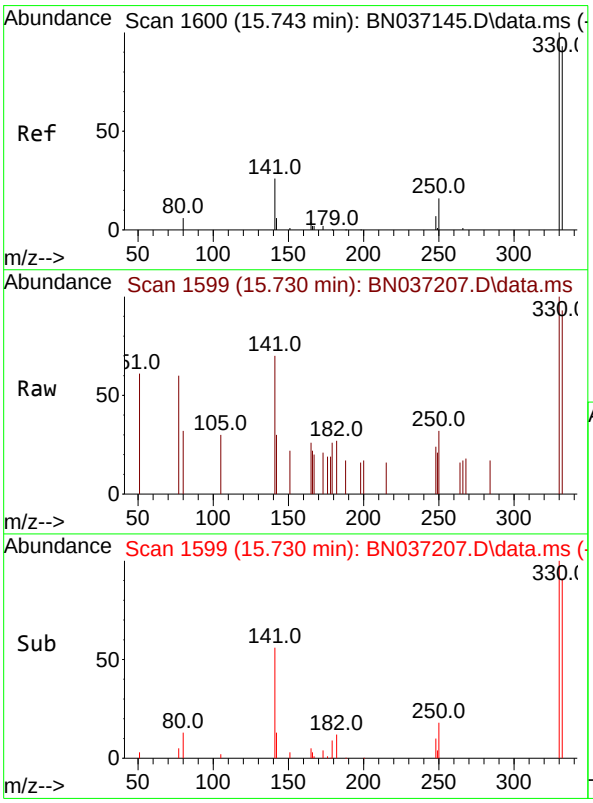
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.235 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN037207.D
Acq: 10 Jun 2025 01:00

Instrument :
BNA_N
ClientSampleId :
MW-18B-56-060425

Tgt Ion:164 Resp: 2065

Ion	Ratio	Lower	Upper
164	100		
162	105.8	85.5	128.3
160	55.3	44.6	67.0

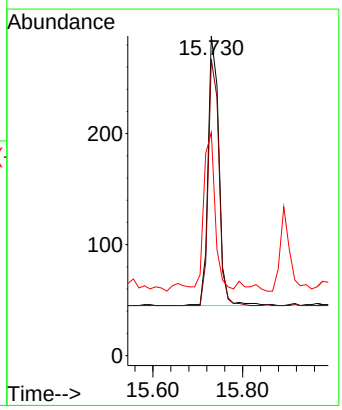


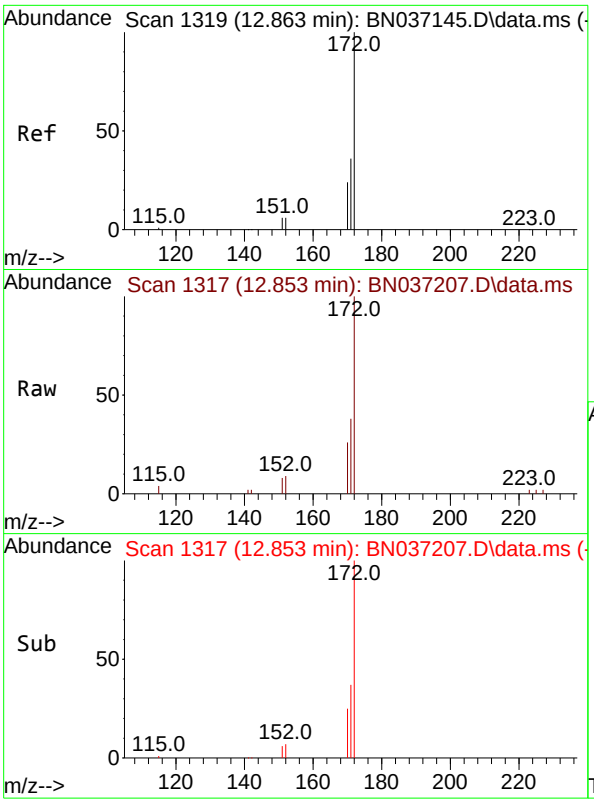


#14
2,4,6-Tribromophenol
Concen: 0.490 ng
RT: 15.730 min Scan# 1599
Delta R.T. -0.013 min
Lab File: BN037207.D
Acq: 10 Jun 2025 01:00

Tgt Ion:330 Resp: 407

Ion	Ratio	Lower	Upper
330	100		
332	89.9	77.1	115.7
141	62.2	46.4	69.6



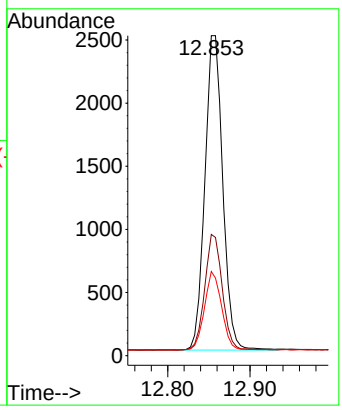


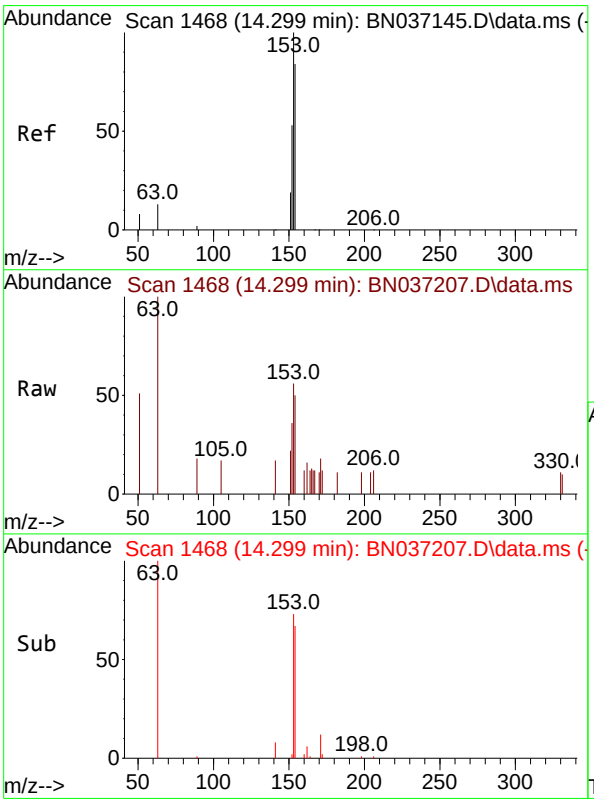
#15
2-Fluorobiphenyl
Concen: 0.426 ng
RT: 12.853 min Scan# 1
Delta R.T. -0.010 min
Lab File: BN037207.D
Acq: 10 Jun 2025 01:00

Instrument :
BNA_N
ClientSampleId :
MW-18B-56-060425

Tgt Ion:172 Resp: 3753

Ion	Ratio	Lower	Upper
172	100		
171	37.9	29.6	44.4
170	26.3	20.3	30.5

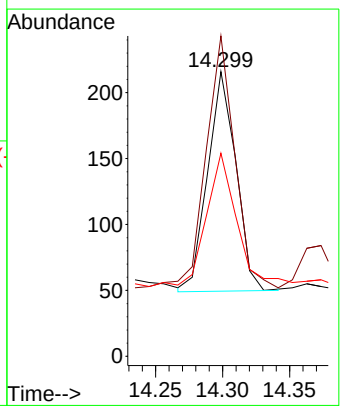


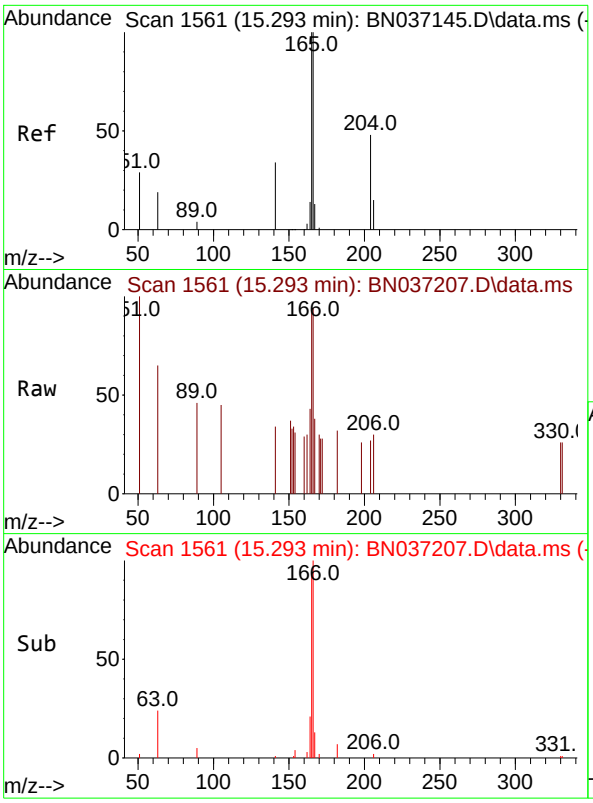


#17
Acenaphthene
Concen: 0.037 ng
RT: 14.299 min Scan# 1468
Delta R.T. -0.000 min
Lab File: BN037207.D
Acq: 10 Jun 2025 01:00

Tgt Ion:154 Resp: 244

Ion	Ratio	Lower	Upper
154	100		
153	116.4	93.8	140.8
152	66.0	50.5	75.7



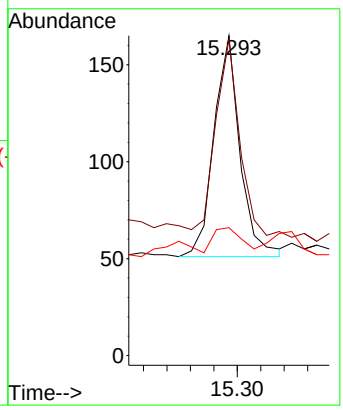


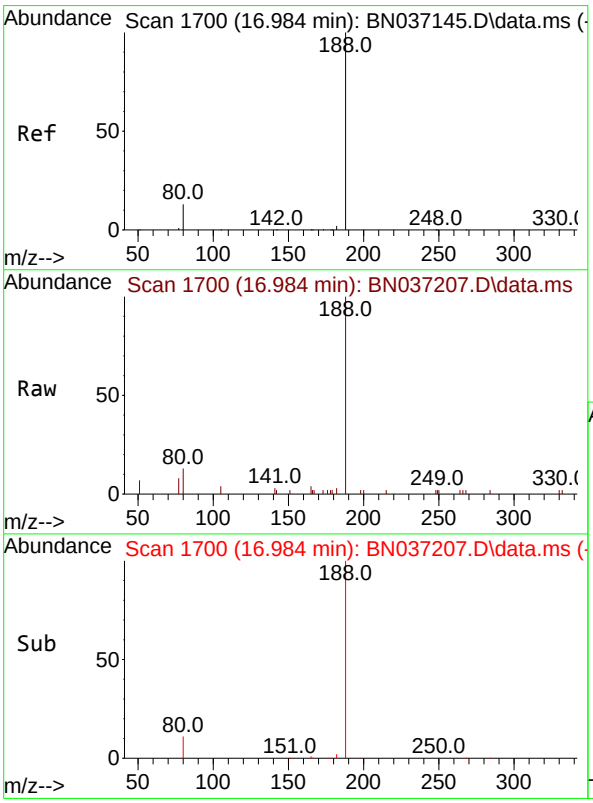
#18
Fluorene
Concen: 0.020 ng
RT: 15.293 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037207.D
Acq: 10 Jun 2025 01:00

Instrument :
BNA_N
ClientSampleId :
MW-18B-56-060425

Tgt Ion:166 Resp: 176

Ion	Ratio	Lower	Upper
166	100		
165	90.3	81.1	121.7
167	13.1	10.8	16.2

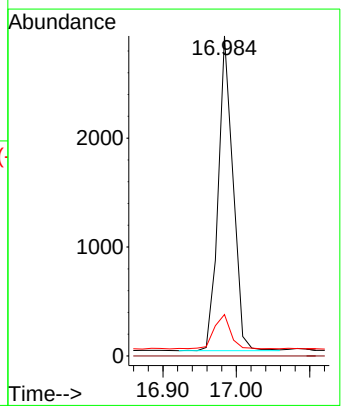


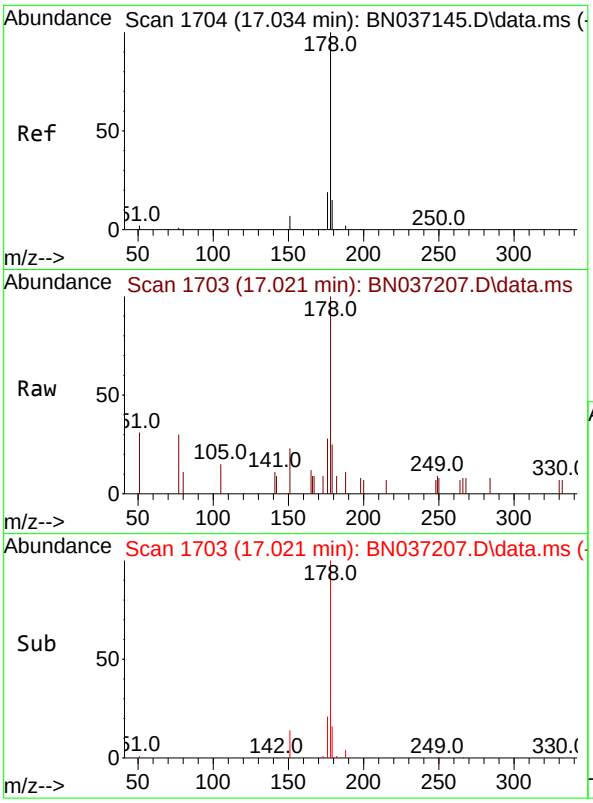


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.984 min Scan# 1700
Delta R.T. -0.000 min
Lab File: BN037207.D
Acq: 10 Jun 2025 01:00

Tgt Ion:188 Resp: 4042

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.9	11.3	16.9



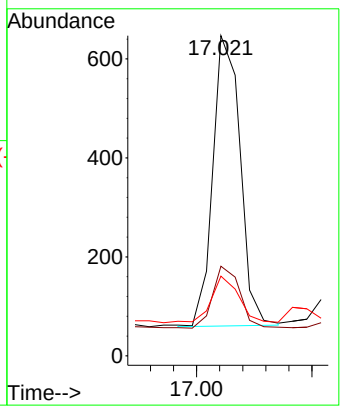


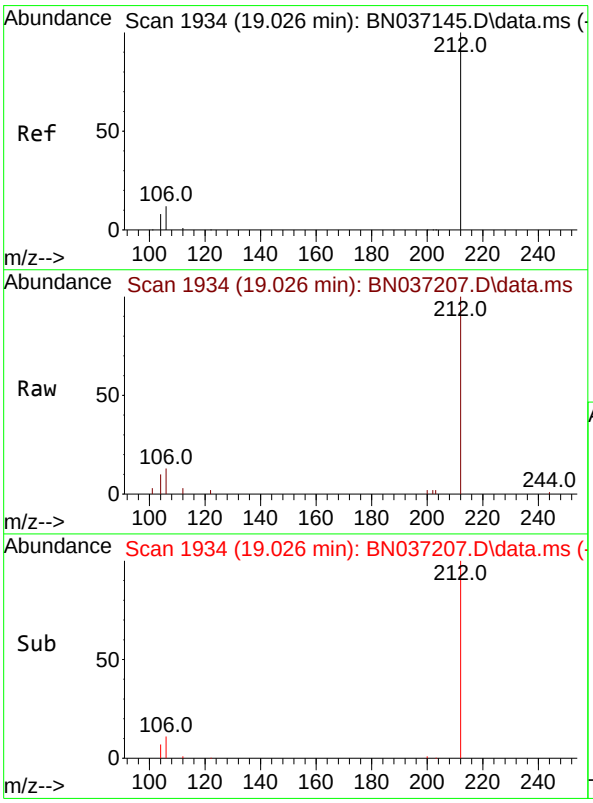
#25
Phenanthrene
Concen: 0.074 ng
RT: 17.021 min Scan# 1
Delta R.T. -0.013 min
Lab File: BN037207.D
Acq: 10 Jun 2025 01:00

Instrument :
BNA_N
ClientSampleId :
MW-18B-56-060425

Tgt Ion:178 Resp: 963

Ion	Ratio	Lower	Upper
178	100		
176	21.3	15.7	23.5
179	16.8	12.3	18.5

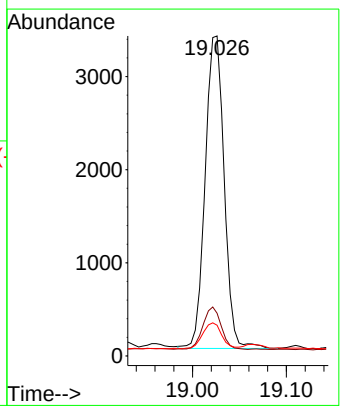


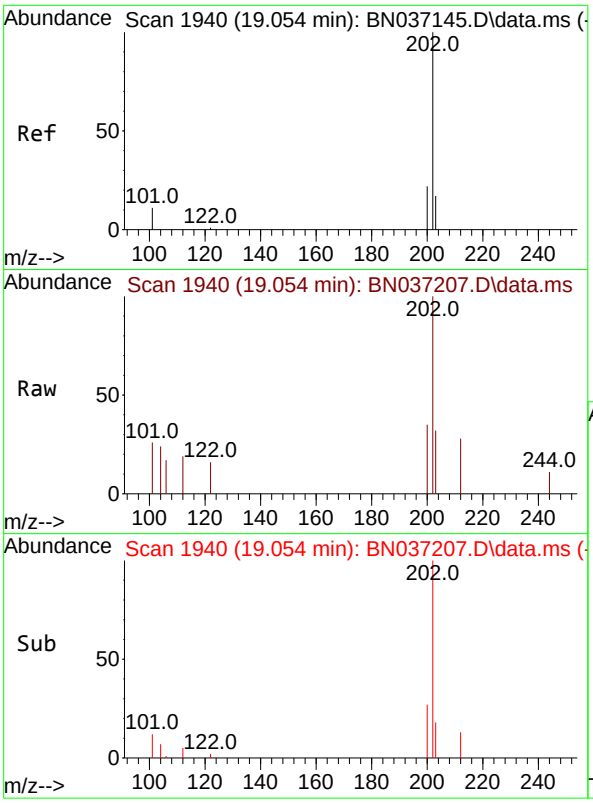


#27
Fluoranthene-d10
Concen: 0.459 ng
RT: 19.026 min Scan# 1934
Delta R.T. -0.000 min
Lab File: BN037207.D
Acq: 10 Jun 2025 01:00

Tgt Ion:212 Resp: 4719

Ion	Ratio	Lower	Upper
212	100		
106	13.0	10.6	15.8
104	8.3	6.6	9.8



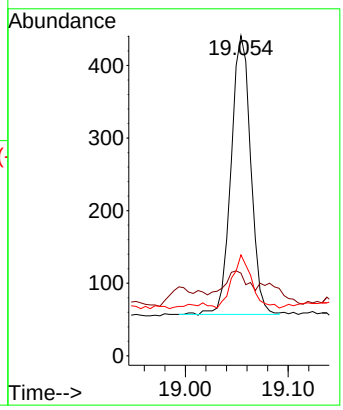


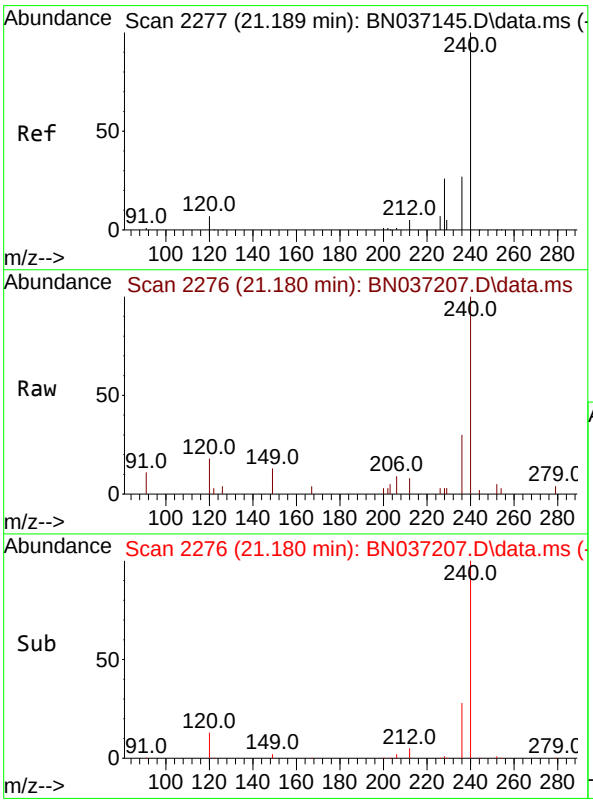
#28
Fluoranthene
Concen: 0.035 ng
RT: 19.054 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037207.D
Acq: 10 Jun 2025 01:00

Instrument :
BNA_N
ClientSampleId :
MW-18B-56-060425

Tgt Ion:202 Resp: 509

Ion	Ratio	Lower	Upper
202	100		
101	9.0	8.7	13.1
203	18.7	13.5	20.3

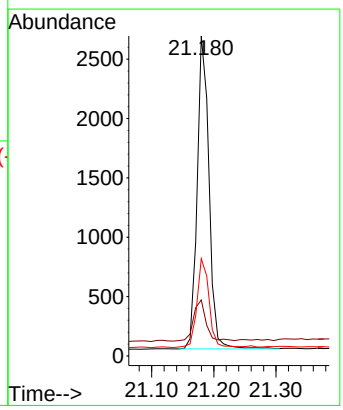


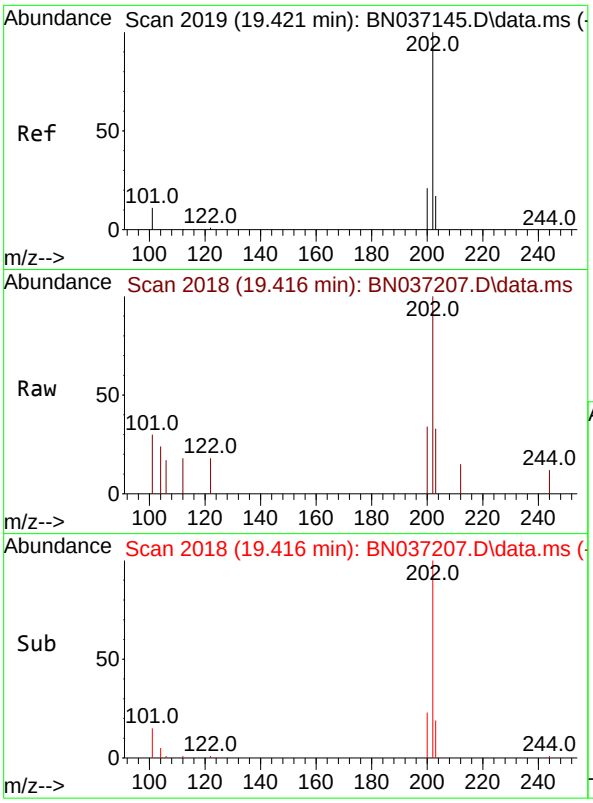


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.180 min Scan# 2276
Delta R.T. -0.009 min
Lab File: BN037207.D
Acq: 10 Jun 2025 01:00

Tgt Ion:240 Resp: 3508

Ion	Ratio	Lower	Upper
240	100		
120	17.5	9.0	13.4#
236	30.4	23.0	34.4



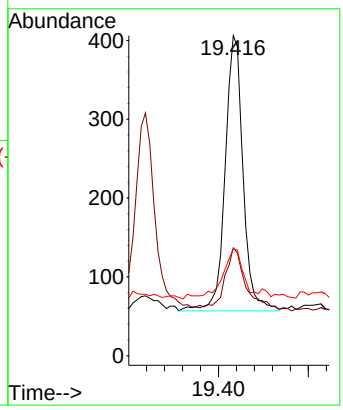


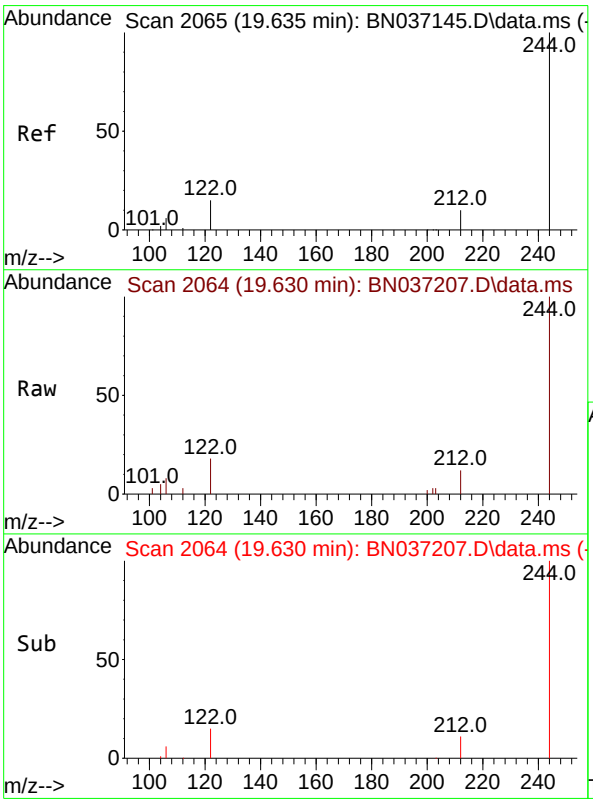
#30
Pyrene
Concen: 0.028 ng
RT: 19.416 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN037207.D
Acq: 10 Jun 2025 01:00

Instrument :
BNA_N
ClientSampleId :
MW-18B-56-060425

Tgt Ion:202 Resp: 483

Ion	Ratio	Lower	Upper
202	100		
200	27.3	17.0	25.6#
203	17.6	14.2	21.4

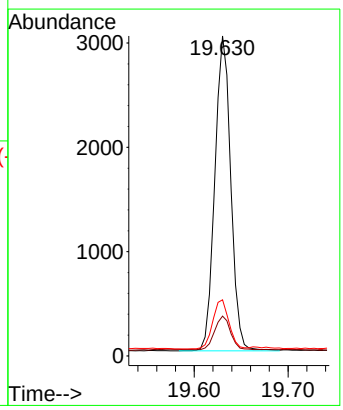


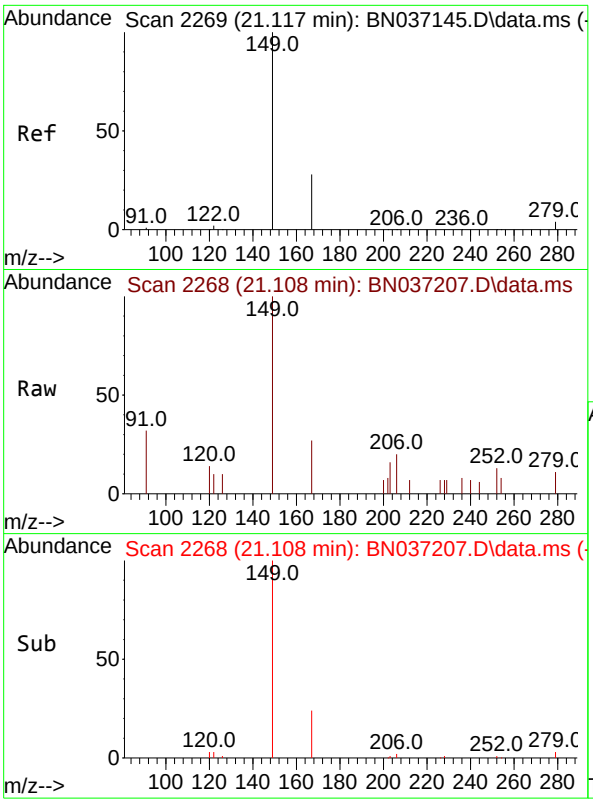


#31
Terphenyl-d14
Concen: 0.432 ng
RT: 19.630 min Scan# 2064
Delta R.T. -0.005 min
Lab File: BN037207.D
Acq: 10 Jun 2025 01:00

Tgt Ion:244 Resp: 3566

Ion	Ratio	Lower	Upper
244	100		
212	12.5	10.0	15.0
122	17.5	13.2	19.8



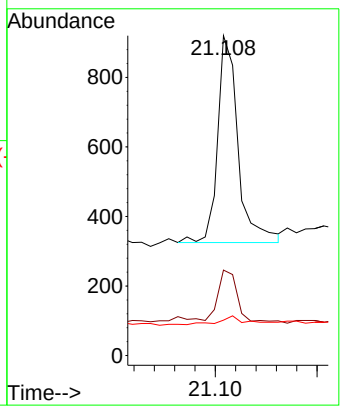


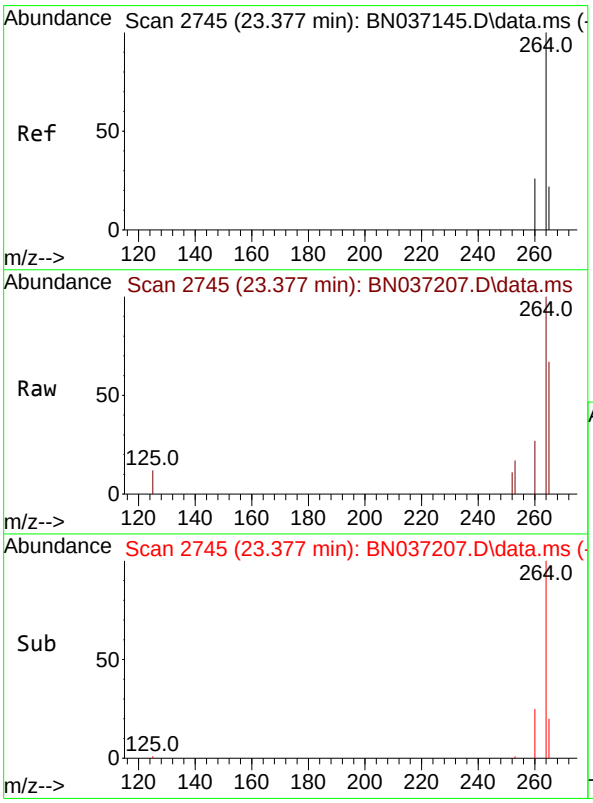
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.104 ng
RT: 21.108 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN037207.D
Acq: 10 Jun 2025 01:00

Instrument :
BNA_N
ClientSampleId :
MW-18B-56-060425

Tgt Ion:149 Resp: 831

Ion	Ratio	Lower	Upper
149	100		
167	26.4	21.0	31.4
279	4.6	2.9	4.3#

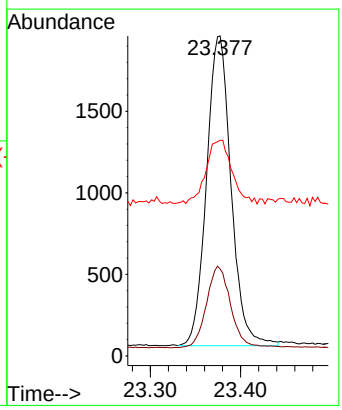




#35
Perylene-d12
Concen: 0.400 ng
RT: 23.377 min Scan# 2745
Delta R.T. -0.000 min
Lab File: BN037207.D
Acq: 10 Jun 2025 01:00

Tgt Ion:264 Resp: 3584

Ion	Ratio	Lower	Upper
264	100		
260	27.2	22.1	33.1
265	67.4	55.8	83.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060925\
Data File : BN037208.D
Acq On : 10 Jun 2025 01:36
Operator : RC/JU
Sample : Q2234-06
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-18B-56-060425-FD

Quant Time: Jun 10 04:05:32 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

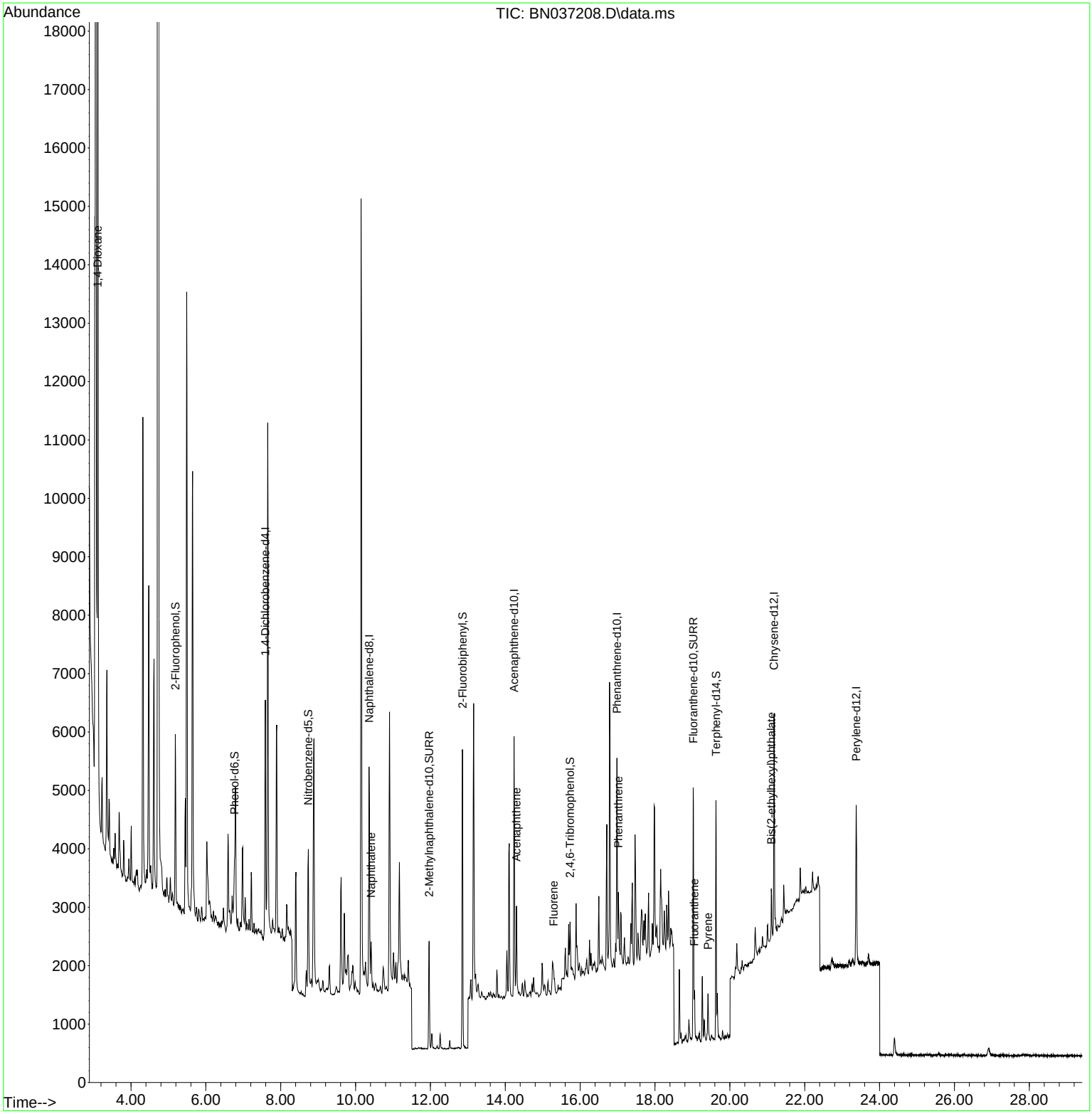
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.589	152	1777	0.400	ng	0.00
7) Naphthalene-d8	10.362	136	4601	0.400	ng	#-0.01
13) Acenaphthene-d10	14.234	164	2273	0.400	ng	0.00
19) Phenanthrene-d10	16.984	188	4128	0.400	ng	0.00
29) Chrysene-d12	21.180	240	3296	0.400	ng	# 0.00
35) Perylene-d12	23.377	264	3376	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.184	112	1009	0.230	ng	0.00
5) Phenol-d6	6.766	99	793	0.149	ng	0.00
8) Nitrobenzene-d5	8.739	82	2046	0.421	ng	0.00
11) 2-Methylnaphthalene-d10	11.965	152	2446	0.382	ng	0.00
14) 2,4,6-Tribromophenol	15.730	330	428	0.468	ng	-0.01
15) 2-Fluorobiphenyl	12.858	172	4427	0.457	ng	0.00
27) Fluoranthene-d10	19.021	212	4536	0.432	ng	0.00
31) Terphenyl-d14	19.630	244	3776	0.487	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.112	88	7925	3.346	ng	# 82
9) Naphthalene	10.415	128	853	0.064	ng	# 84
17) Acenaphthene	14.299	154	359	0.050	ng	96
18) Fluorene	15.293	166	233	0.024	ng	# 87
25) Phenanthrene	17.021	178	1280	0.096	ng	100
28) Fluoranthene	19.054	202	693	0.047	ng	# 94
30) Pyrene	19.416	202	647	0.040	ng	# 88
34) Bis(2-ethylhexyl)phtha...	21.108	149	864	0.115	ng	# 97

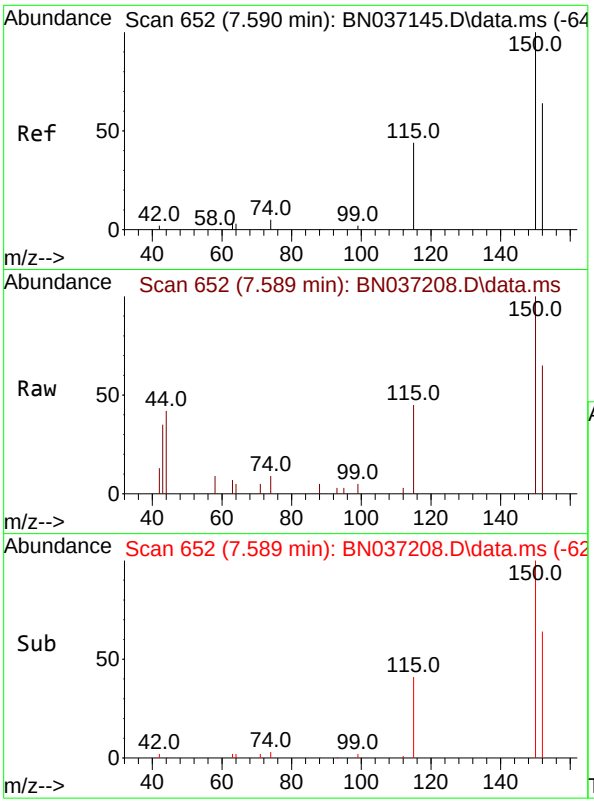
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060925\
Data File : BN037208.D
Acq On : 10 Jun 2025 01:36
Operator : RC/JU
Sample : Q2234-06
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-18B-56-060425-FD

Quant Time: Jun 10 04:05:32 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



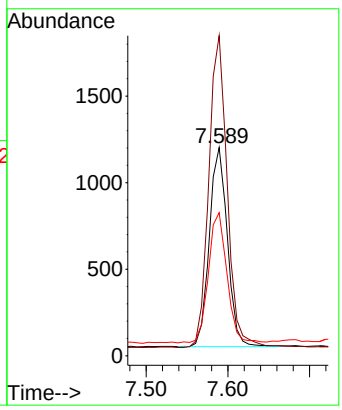


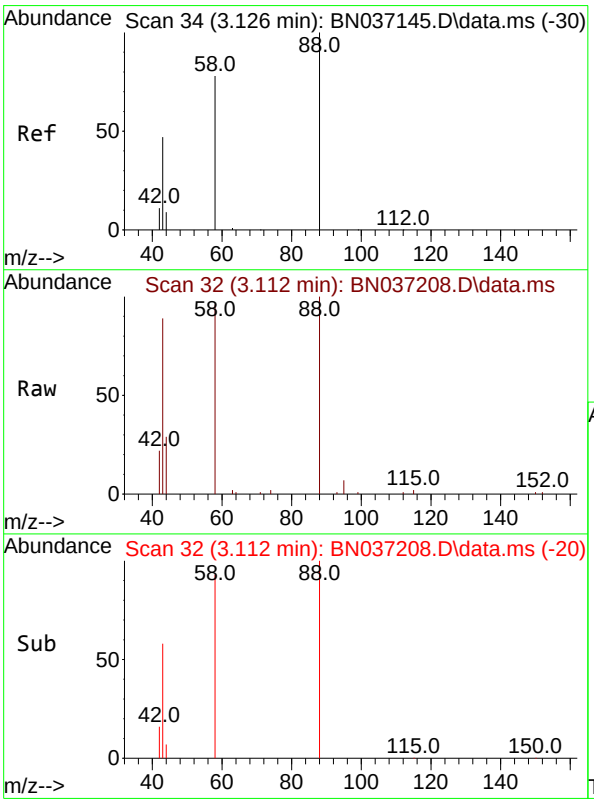
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.589 min Scan# 6
Delta R.T. -0.001 min
Lab File: BN037208.D
Acq: 10 Jun 2025 01:36

Instrument :
BNA_N
ClientSampleId :
MW-18B-56-060425-FD

Tgt Ion:152 Resp: 1777

Ion	Ratio	Lower	Upper
152	100		
150	153.7	123.2	184.8
115	68.7	56.6	85.0

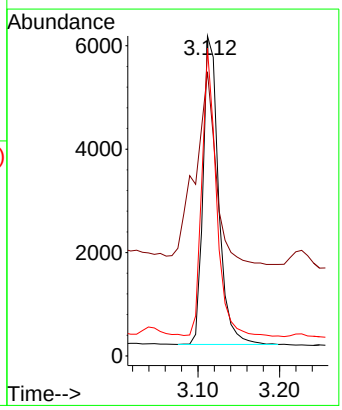


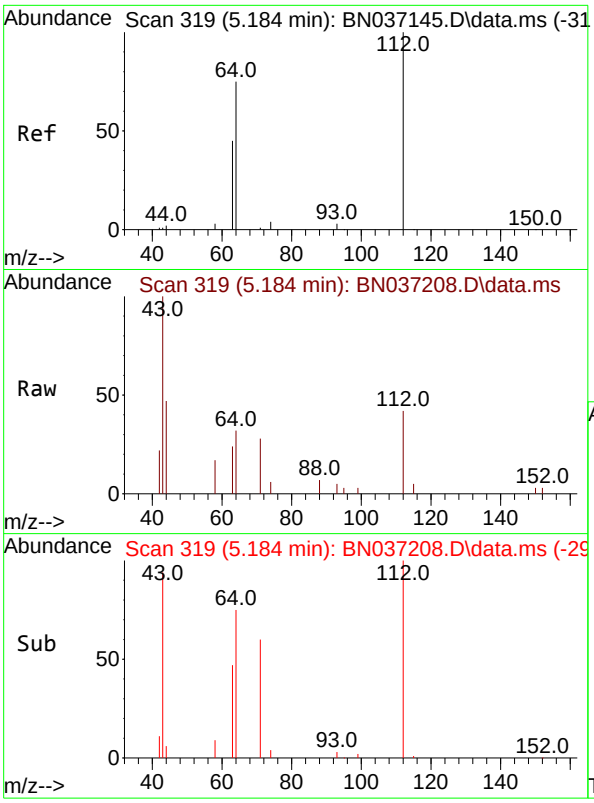


#2
1,4-Dioxane
Concen: 3.346 ng
RT: 3.112 min Scan# 32
Delta R.T. -0.015 min
Lab File: BN037208.D
Acq: 10 Jun 2025 01:36

Tgt Ion: 88 Resp: 7925

Ion	Ratio	Lower	Upper
88	100		
43	85.6	43.5	65.3#
58	86.5	67.7	101.5



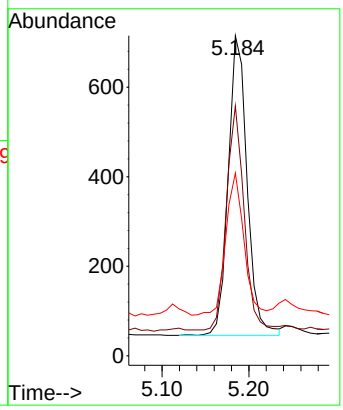


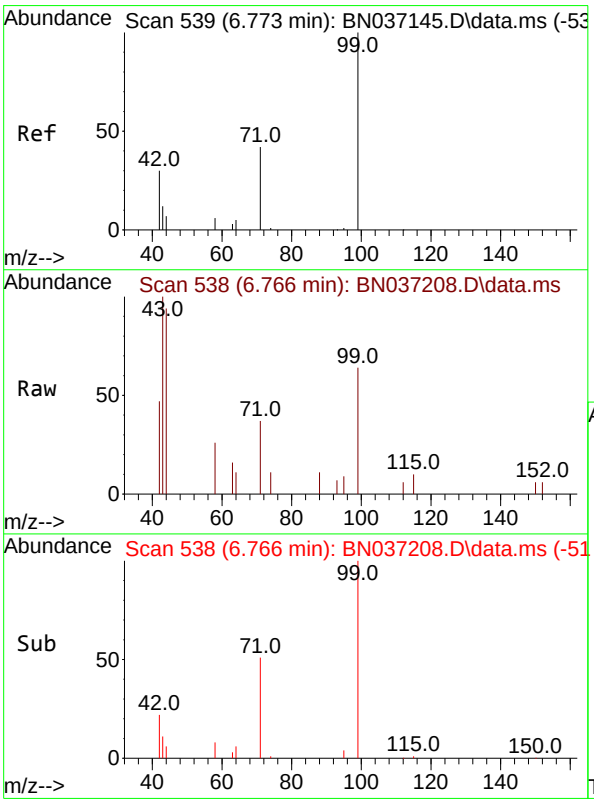
#4
2-Fluorophenol
Concen: 0.230 ng
RT: 5.184 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN037208.D
Acq: 10 Jun 2025 01:36

Instrument :
BNA_N
ClientSampleId :
MW-18B-56-060425-FD

Tgt Ion:112 Resp: 1009

Ion	Ratio	Lower	Upper
112	100		
64	69.6	56.3	84.5
63	45.6	36.2	54.4

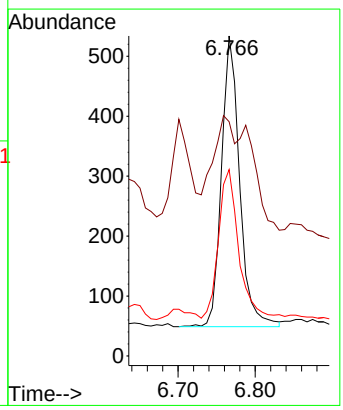


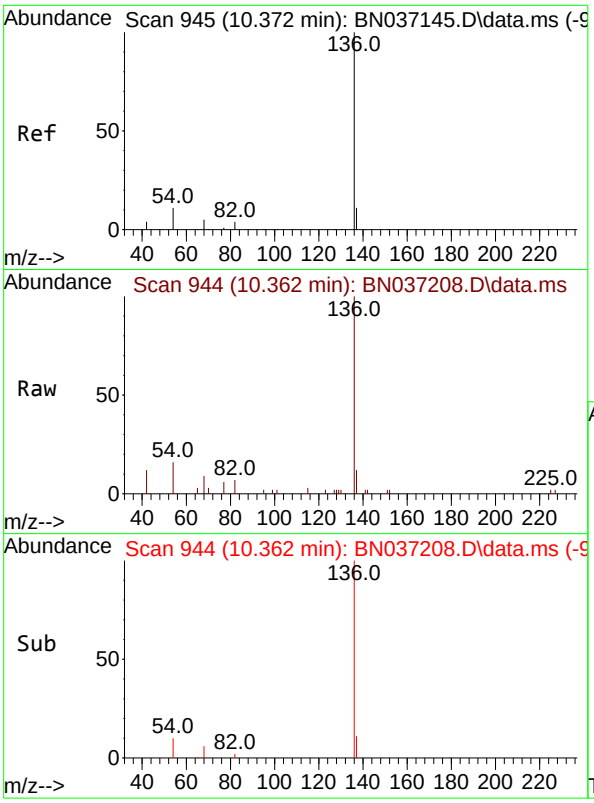


#5
Phenol-d6
Concen: 0.149 ng
RT: 6.766 min Scan# 538
Delta R.T. -0.007 min
Lab File: BN037208.D
Acq: 10 Jun 2025 01:36

Tgt Ion: 99 Resp: 793

Ion	Ratio	Lower	Upper
99	100		
42	84.4	31.3	46.9#
71	56.6	38.2	57.2



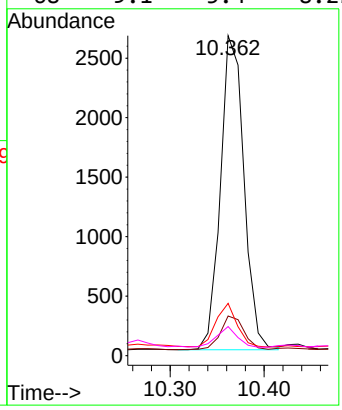


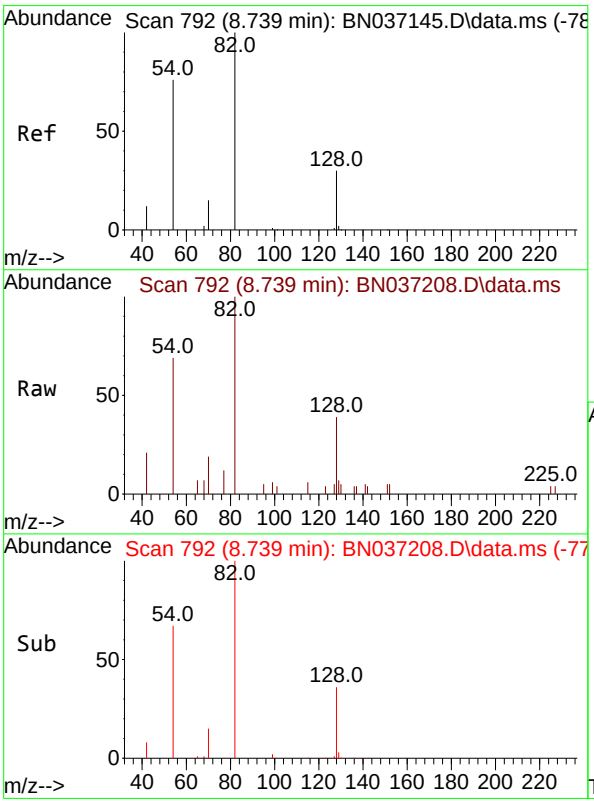
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.362 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN037208.D
Acq: 10 Jun 2025 01:36

Instrument :
BNA_N
ClientSampleId :
MW-18B-56-060425-FD

Tgt Ion:136 Resp: 4601

Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.7	14.5
54	16.3	9.7	14.5#
68	9.1	5.4	8.2#

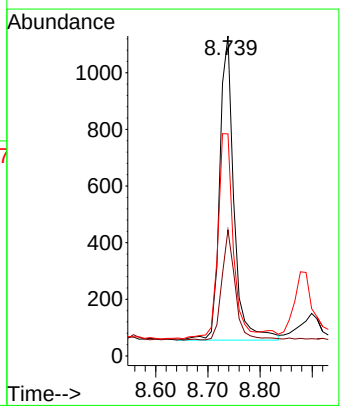


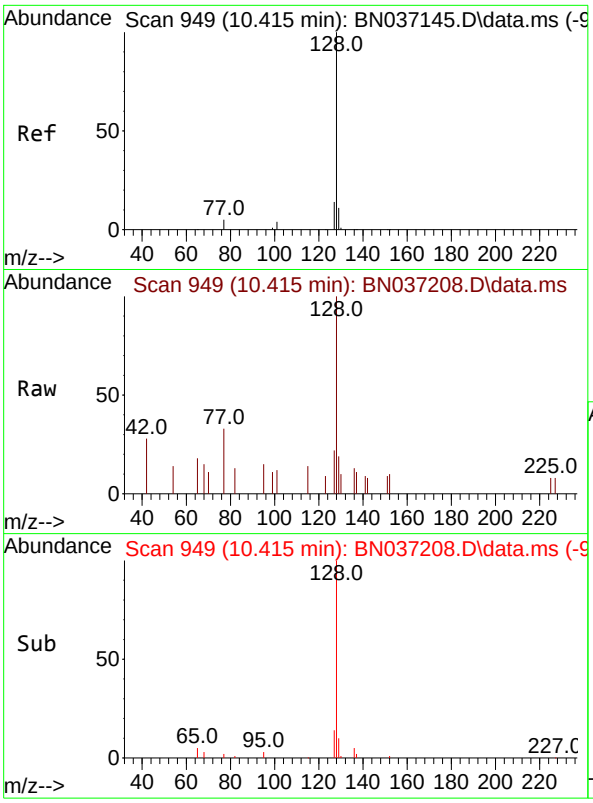


#8
Nitrobenzene-d5
Concen: 0.421 ng
RT: 8.739 min Scan# 792
Delta R.T. -0.000 min
Lab File: BN037208.D
Acq: 10 Jun 2025 01:36

Tgt Ion: 82 Resp: 2046

Ion	Ratio	Lower	Upper
82	100		
128	39.4	26.9	40.3
54	69.4	61.4	92.2



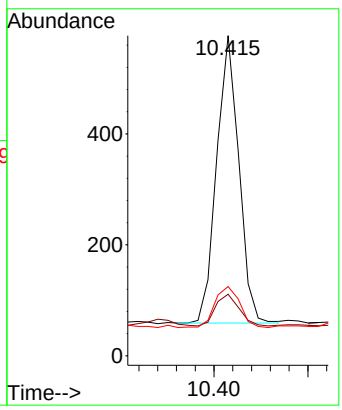


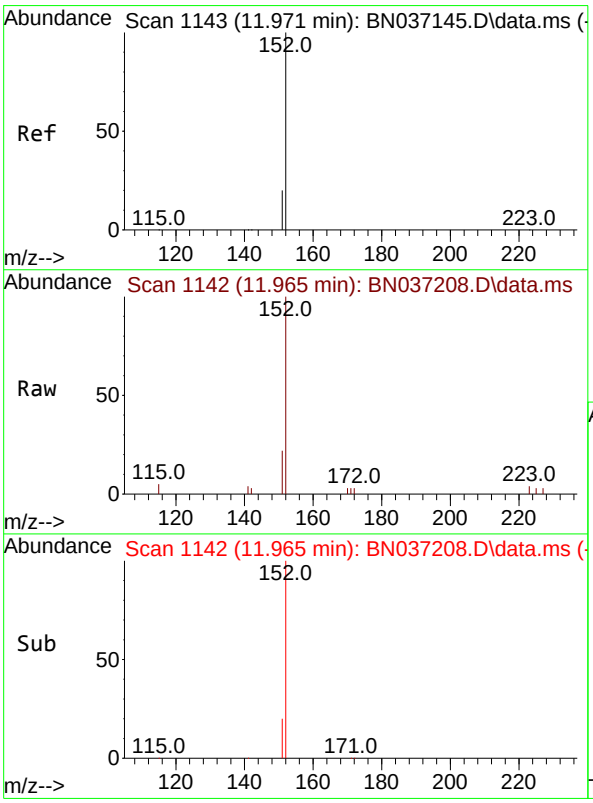
#9
Naphthalene
Concen: 0.064 ng
RT: 10.415 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN037208.D
Acq: 10 Jun 2025 01:36

Instrument :
BNA_N
ClientSampleId :
MW-18B-56-060425-FD

Tgt Ion:128 Resp: 853

Ion	Ratio	Lower	Upper
128	100		
129	19.2	9.8	14.8#
127	21.7	12.3	18.5#

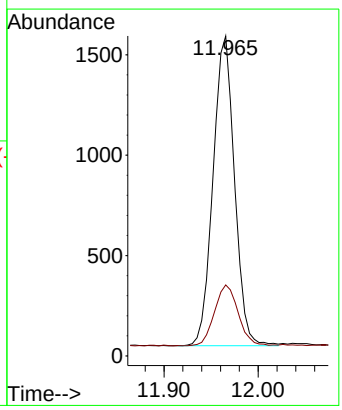


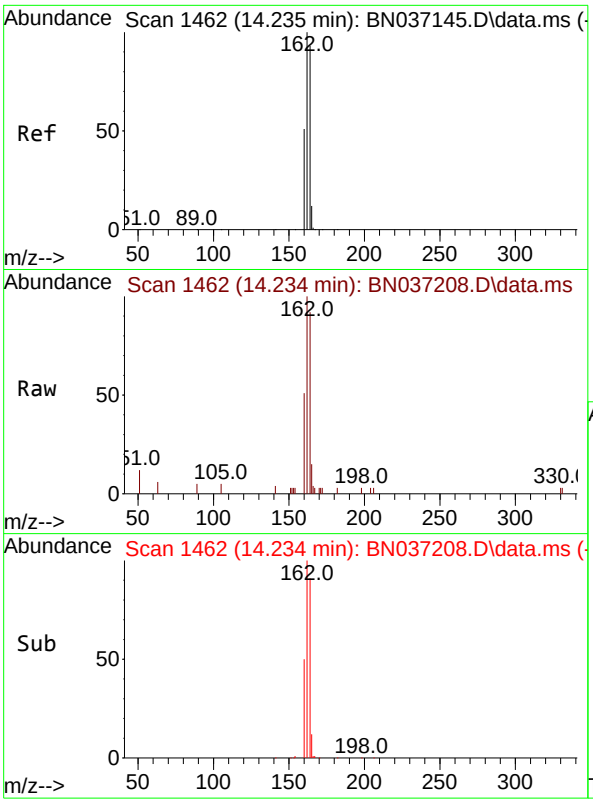


#11
2-Methylnaphthalene-d10
Concen: 0.382 ng
RT: 11.965 min Scan# 1142
Delta R.T. -0.005 min
Lab File: BN037208.D
Acq: 10 Jun 2025 01:36

Tgt Ion:152 Resp: 2446

Ion	Ratio	Lower	Upper
152	100		
151	21.9	17.1	25.7



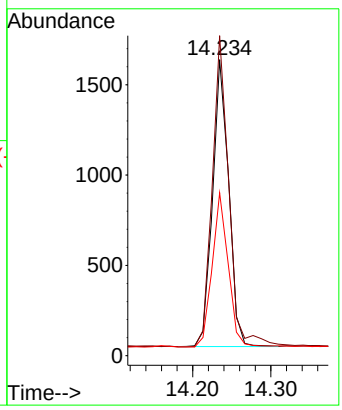


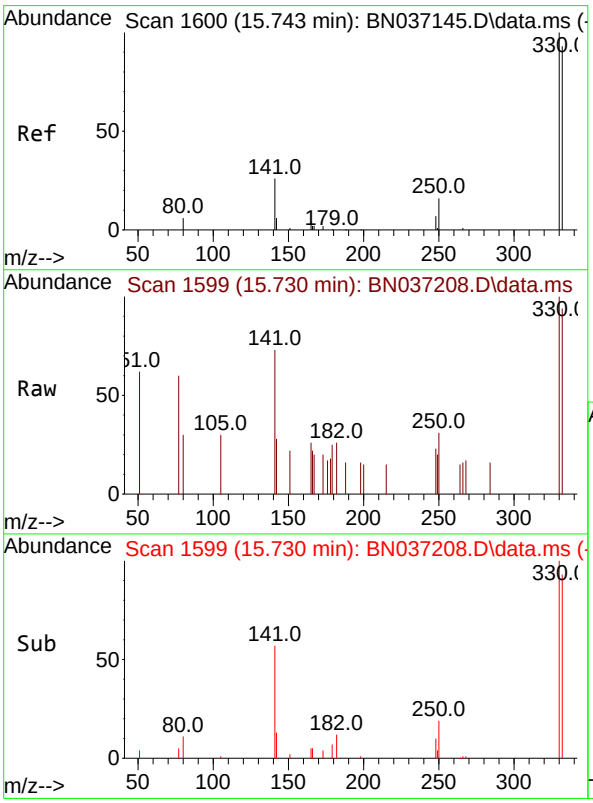
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.234 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN037208.D
Acq: 10 Jun 2025 01:36

Instrument :
BNA_N
ClientSampleId :
MW-18B-56-060425-FD

Tgt Ion:164 Resp: 2273

Ion	Ratio	Lower	Upper
164	100		
162	108.1	85.5	128.3
160	55.0	44.6	67.0

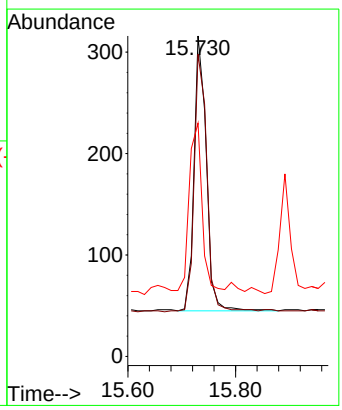


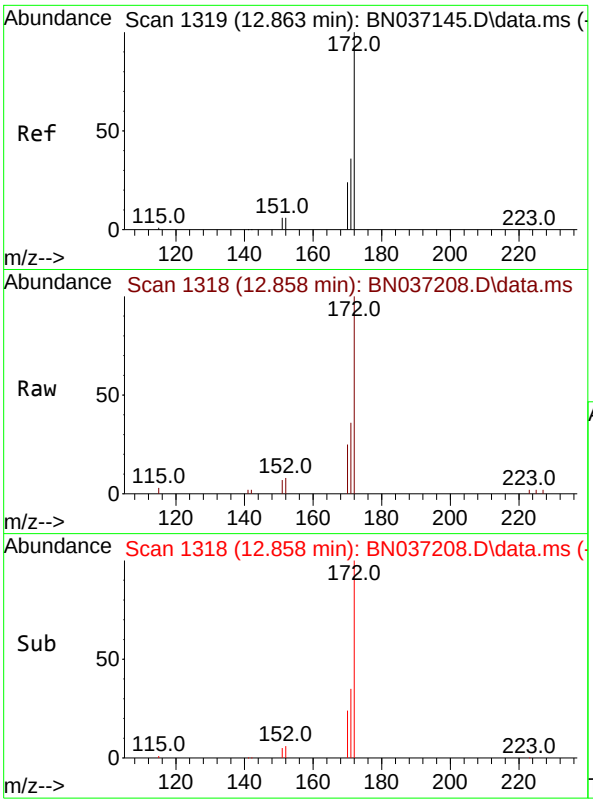


#14
2,4,6-Tribromophenol
Concen: 0.468 ng
RT: 15.730 min Scan# 1599
Delta R.T. -0.013 min
Lab File: BN037208.D
Acq: 10 Jun 2025 01:36

Tgt Ion:330 Resp: 428

Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.1	115.7
141	65.7	46.4	69.6



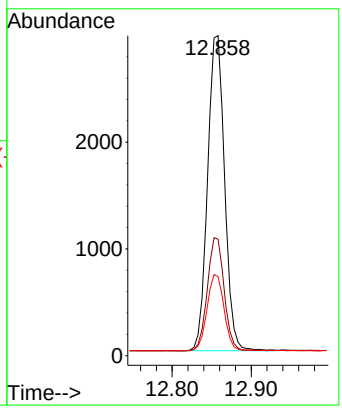


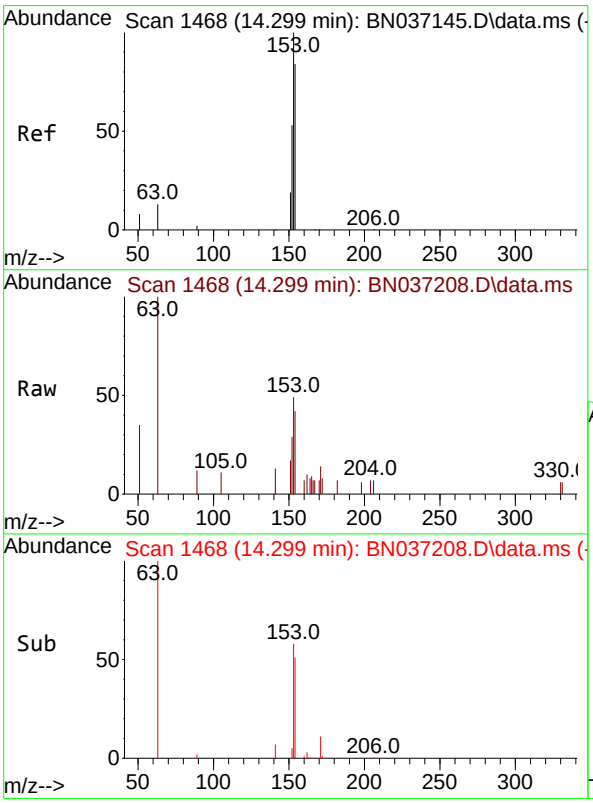
#15
2-Fluorobiphenyl
Concen: 0.457 ng
RT: 12.858 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN037208.D
Acq: 10 Jun 2025 01:36

Instrument :
BNA_N
ClientSampleId :
MW-18B-56-060425-FD

Tgt Ion:172 Resp: 4427

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	24.7	20.3	30.5

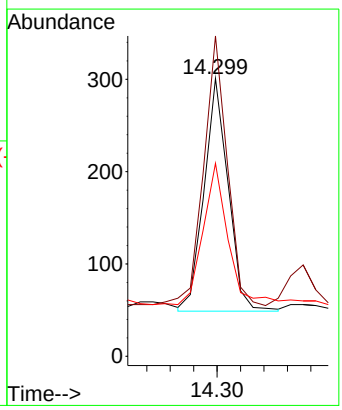


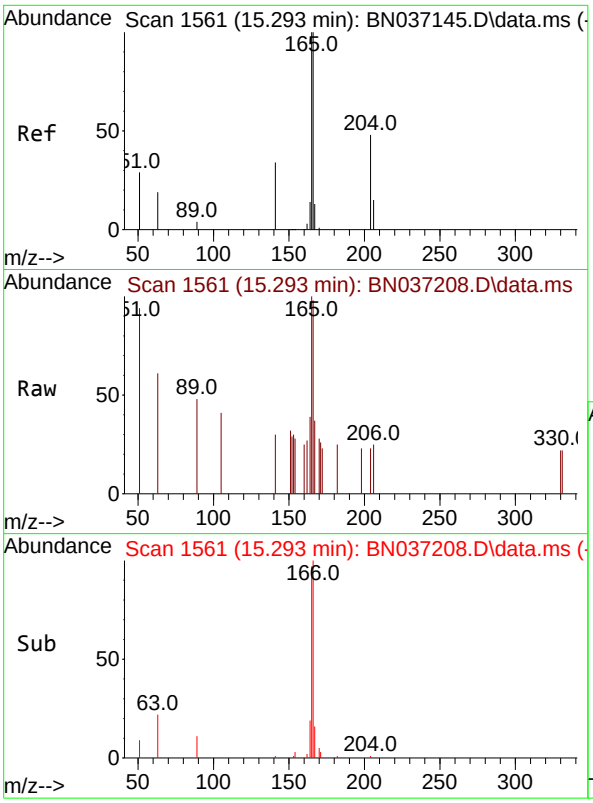


#17
Acenaphthene
Concen: 0.050 ng
RT: 14.299 min Scan# 1468
Delta R.T. -0.000 min
Lab File: BN037208.D
Acq: 10 Jun 2025 01:36

Tgt Ion:154 Resp: 359

Ion	Ratio	Lower	Upper
154	100		
153	123.7	93.8	140.8
152	64.6	50.5	75.7



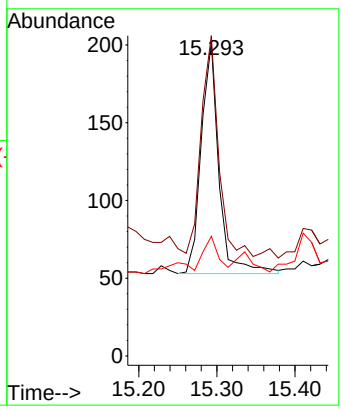


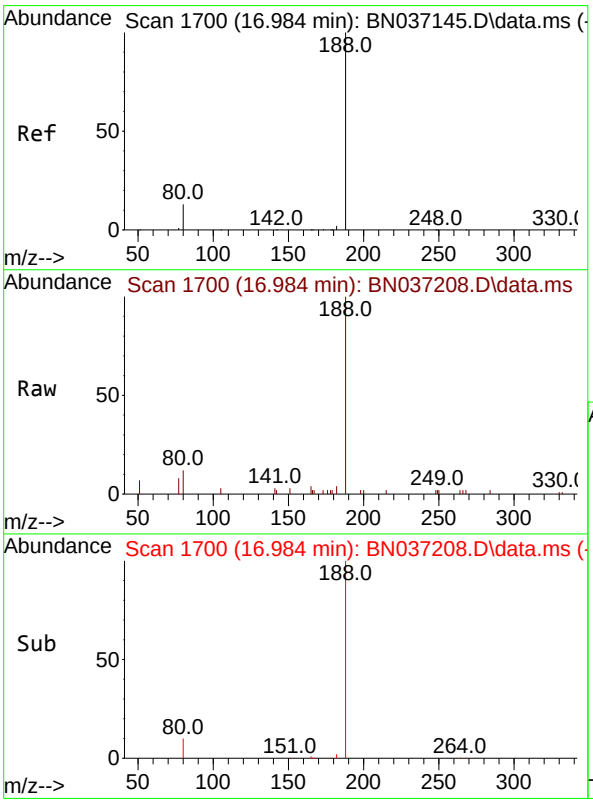
#18
Fluorene
Concen: 0.024 ng
RT: 15.293 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037208.D
Acq: 10 Jun 2025 01:36

Instrument :
BNA_N
ClientSampleId :
MW-18B-56-060425-FD

Tgt Ion:166 Resp: 233

Ion	Ratio	Lower	Upper
166	100		
165	88.8	81.1	121.7
167	21.0	10.8	16.2#

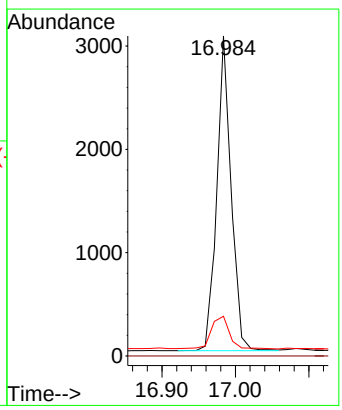


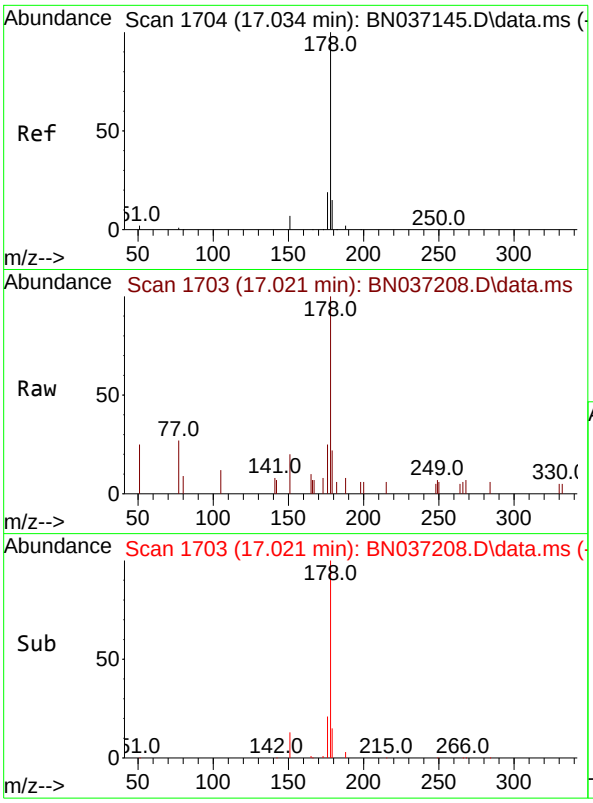


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.984 min Scan# 1700
Delta R.T. -0.000 min
Lab File: BN037208.D
Acq: 10 Jun 2025 01:36

Tgt Ion:188 Resp: 4128

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.4	11.3	16.9



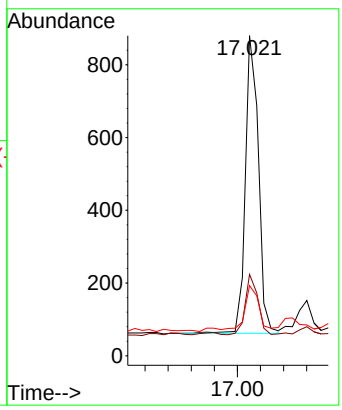


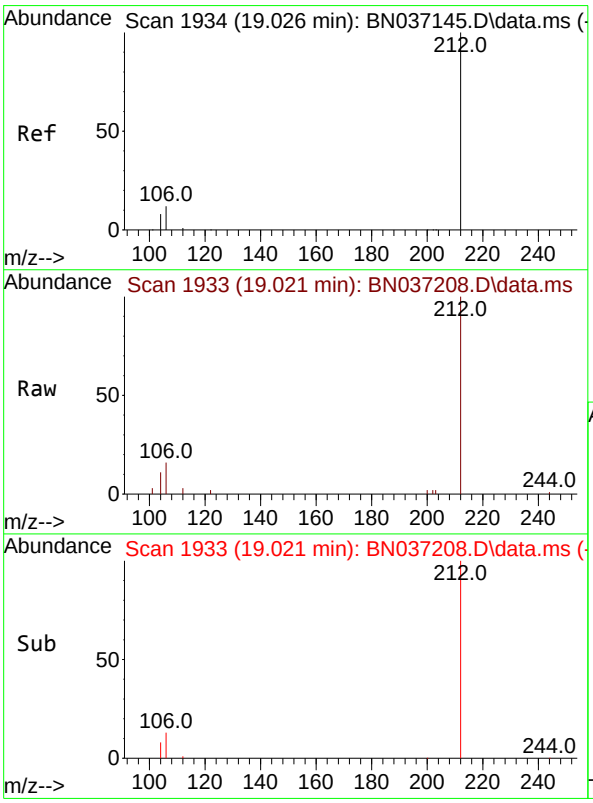
#25
Phenanthrene
Concen: 0.096 ng
RT: 17.021 min Scan# 1
Delta R.T. -0.013 min
Lab File: BN037208.D
Acq: 10 Jun 2025 01:36

Instrument :
BNA_N
ClientSampleId :
MW-18B-56-060425-FD

Tgt Ion:178 Resp: 1280

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.7	23.5
179	15.3	12.3	18.5

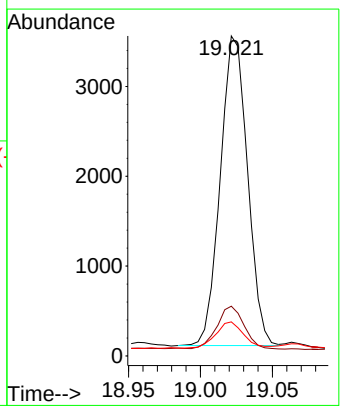


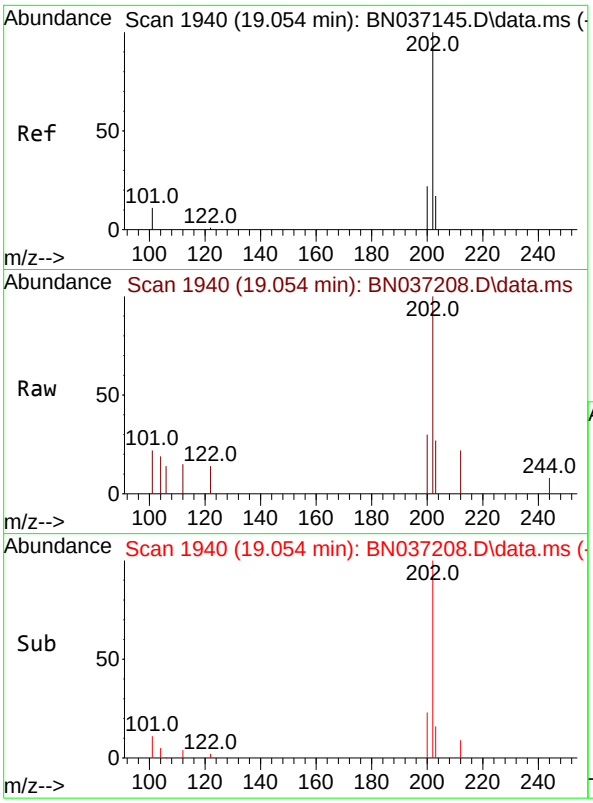


#27
Fluoranthene-d10
Concen: 0.432 ng
RT: 19.021 min Scan# 1933
Delta R.T. -0.005 min
Lab File: BN037208.D
Acq: 10 Jun 2025 01:36

Tgt Ion:212 Resp: 4536

Ion	Ratio	Lower	Upper
212	100		
106	14.2	10.6	15.8
104	8.8	6.6	9.8



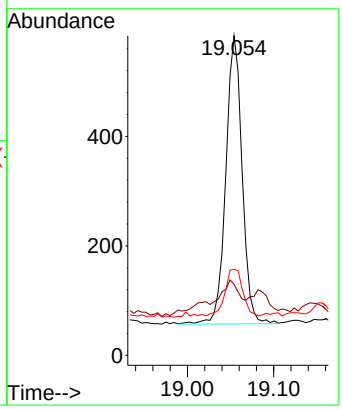


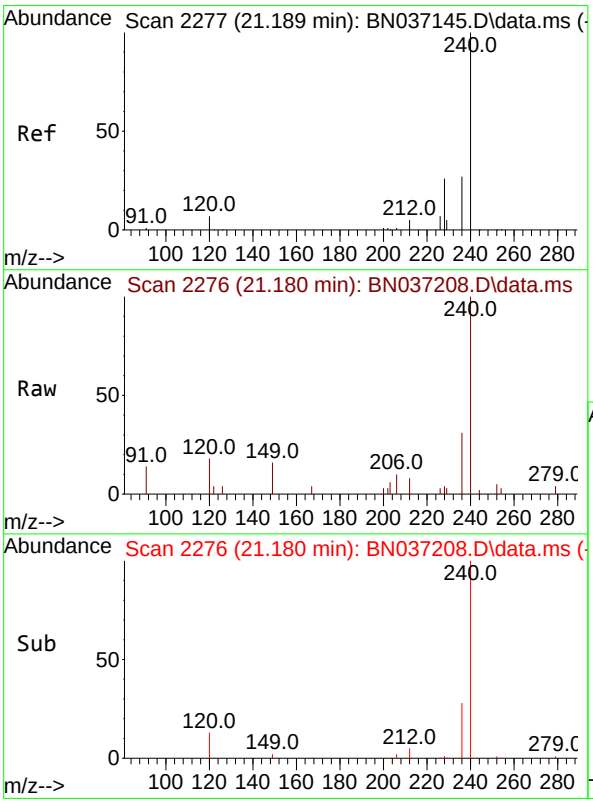
#28
Fluoranthene
Concen: 0.047 ng
RT: 19.054 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037208.D
Acq: 10 Jun 2025 01:36

Instrument :
BNA_N
ClientSampleId :
MW-18B-56-060425-FD

Tgt Ion:202 Resp: 693

Ion	Ratio	Lower	Upper
202	100		
101	15.6	8.7	13.1#
203	17.6	13.5	20.3

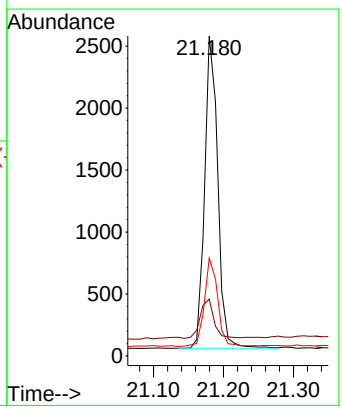


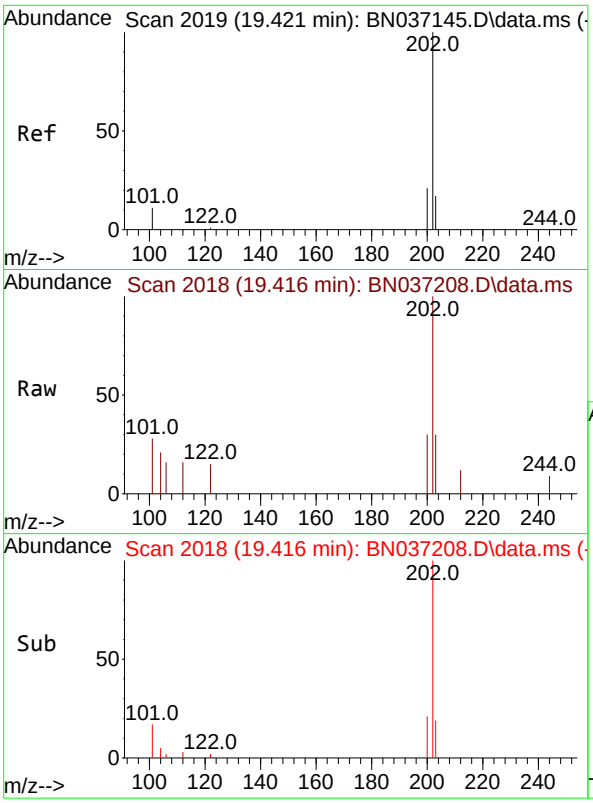


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.180 min Scan# 2276
Delta R.T. -0.009 min
Lab File: BN037208.D
Acq: 10 Jun 2025 01:36

Tgt Ion:240 Resp: 3296

Ion	Ratio	Lower	Upper
240	100		
120	17.8	9.0	13.4#
236	30.6	23.0	34.4



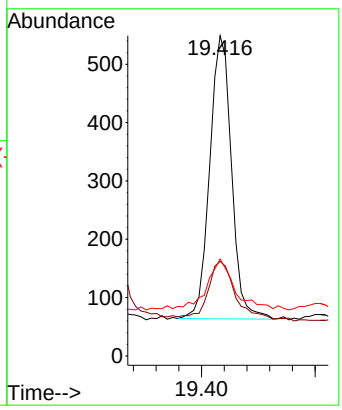


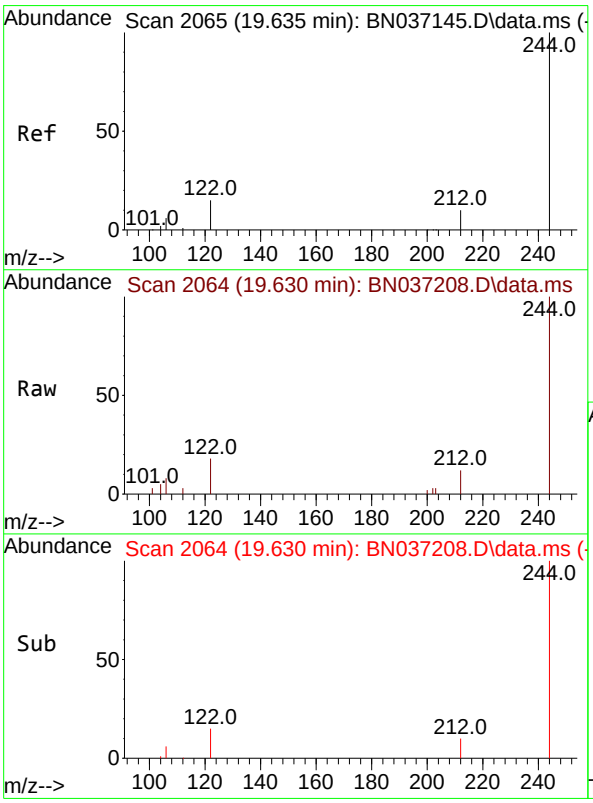
#30
Pyrene
Concen: 0.040 ng
RT: 19.416 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN037208.D
Acq: 10 Jun 2025 01:36

Instrument :
BNA_N
ClientSampleId :
MW-18B-56-060425-FD

Tgt Ion:202 Resp: 647

Ion	Ratio	Lower	Upper
202	100		
200	26.9	17.0	25.6#
203	23.0	14.2	21.4#

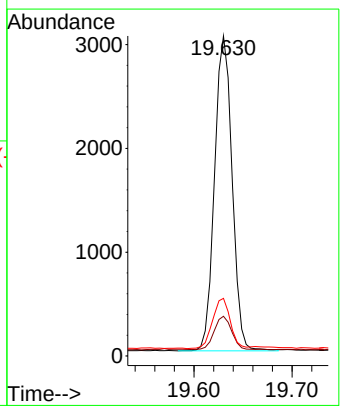


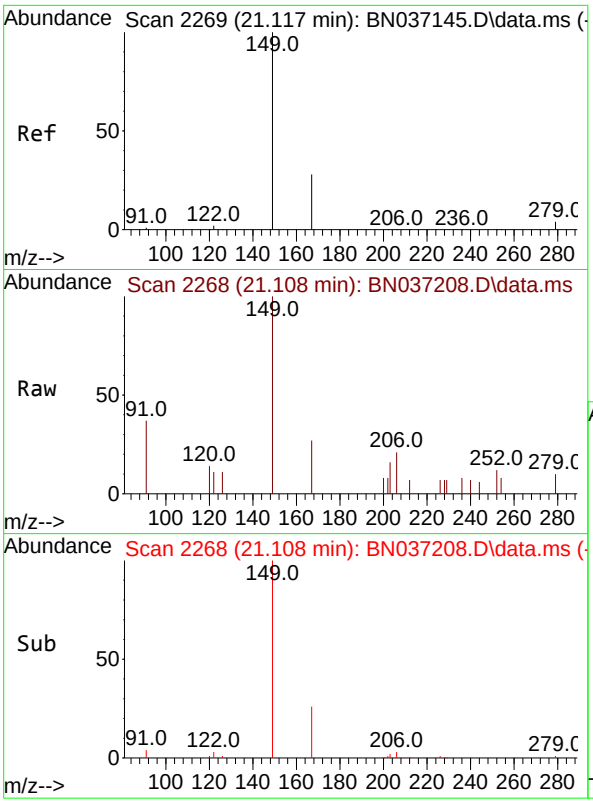


#31
Terphenyl-d14
Concen: 0.487 ng
RT: 19.630 min Scan# 2064
Delta R.T. -0.005 min
Lab File: BN037208.D
Acq: 10 Jun 2025 01:36

Tgt Ion:244 Resp: 3776

Ion	Ratio	Lower	Upper
244	100		
212	12.4	10.0	15.0
122	18.0	13.2	19.8



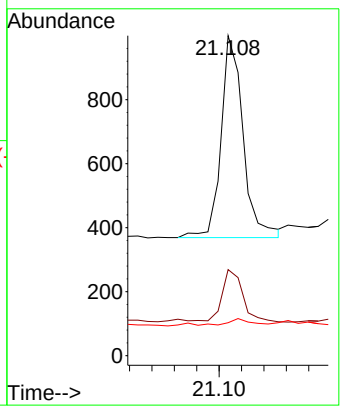


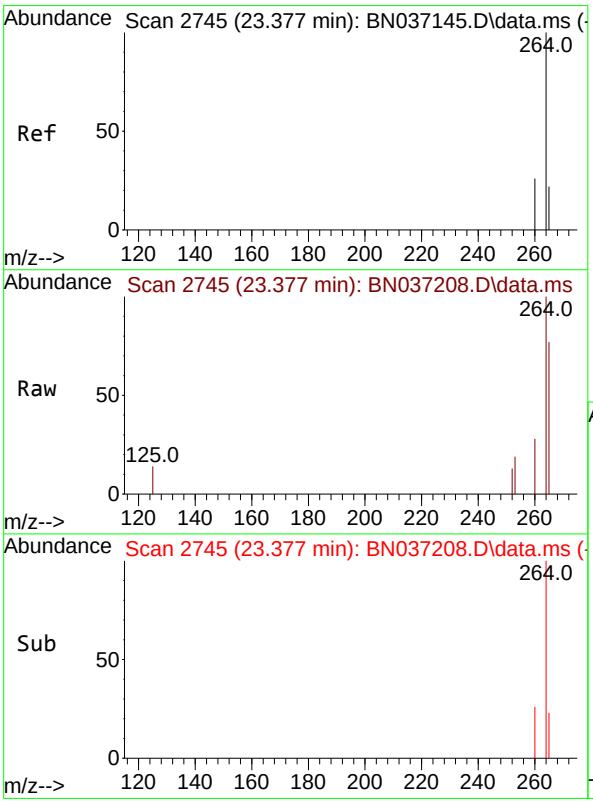
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.115 ng
RT: 21.108 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN037208.D
Acq: 10 Jun 2025 01:36

Instrument :
BNA_N
ClientSampleId :
MW-18B-56-060425-FD

Tgt Ion:149 Resp: 864

Ion	Ratio	Lower	Upper
149	100		
167	24.7	21.0	31.4
279	2.8	2.9	4.3#

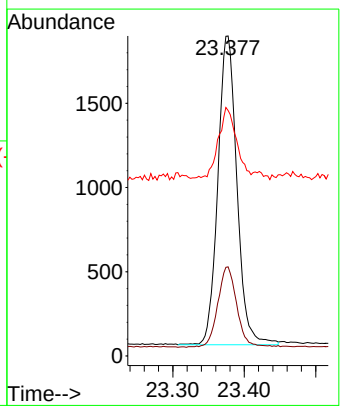




#35
Perylene-d12
Concen: 0.400 ng
RT: 23.377 min Scan# 2745
Delta R.T. -0.000 min
Lab File: BN037208.D
Acq: 10 Jun 2025 01:36

Tgt Ion:264 Resp: 3376

Ion	Ratio	Lower	Upper
264	100		
260	27.8	22.1	33.1
265	76.7	55.8	83.8



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060925\
Data File : BN037209.D
Acq On : 10 Jun 2025 02:12
Operator : RC/JU
Sample : Q2234-07
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-19B-72-060425

Quant Time: Jun 10 04:05:48 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

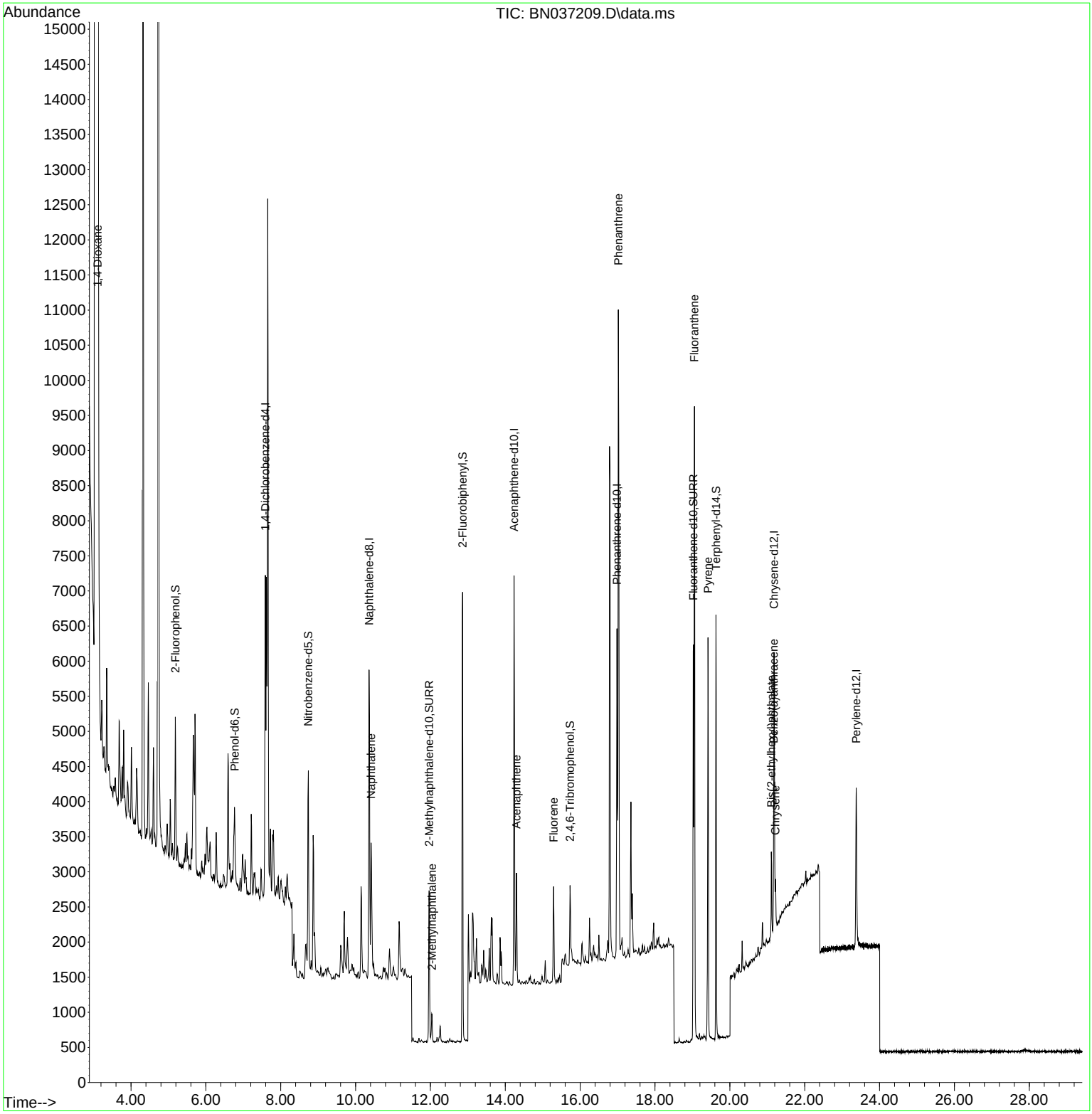
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.589	152	2075	0.400	ng		0.00
7) Naphthalene-d8	10.361	136	5375	0.400	ng		#-0.01
13) Acenaphthene-d10	14.234	164	3061	0.400	ng		0.00
19) Phenanthrene-d10	16.984	188	5755	0.400	ng		0.00
29) Chrysene-d12	21.180	240	3593	0.400	ng		# 0.00
35) Perylene-d12	23.374	264	3061	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.184	112	1124	0.219	ng		0.00
5) Phenol-d6	6.773	99	919	0.148	ng		0.00
8) Nitrobenzene-d5	8.739	82	2331	0.411	ng		0.00
11) 2-Methylnaphthalene-d10	11.965	152	2886	0.386	ng		0.00
14) 2,4,6-Tribromophenol	15.730	330	560	0.454	ng		-0.01
15) 2-Fluorobiphenyl	12.858	172	5407	0.414	ng		0.00
27) Fluoranthene-d10	19.026	212	6173	0.422	ng		0.00
31) Terphenyl-d14	19.630	244	5287	0.625	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.111	88	15105	5.461	ng		96
9) Naphthalene	10.415	128	1782	0.115	ng	#	92
12) 2-Methylnaphthalene	12.041	142	277	0.028	ng	#	90
17) Acenaphthene	14.299	154	706	0.072	ng		99
18) Fluorene	15.293	166	795	0.062	ng		93
25) Phenanthrene	17.021	178	10041	0.539	ng		100
28) Fluoranthene	19.054	202	7738	0.376	ng		99
30) Pyrene	19.416	202	5158	0.294	ng	#	93
32) Benzo(a)anthracene	21.171	228	470	0.036	ng	#	76
33) Chrysene	21.215	228	659	0.046	ng	#	85
34) Bis(2-ethylhexyl)phtha...	21.108	149	1263	0.154	ng		100

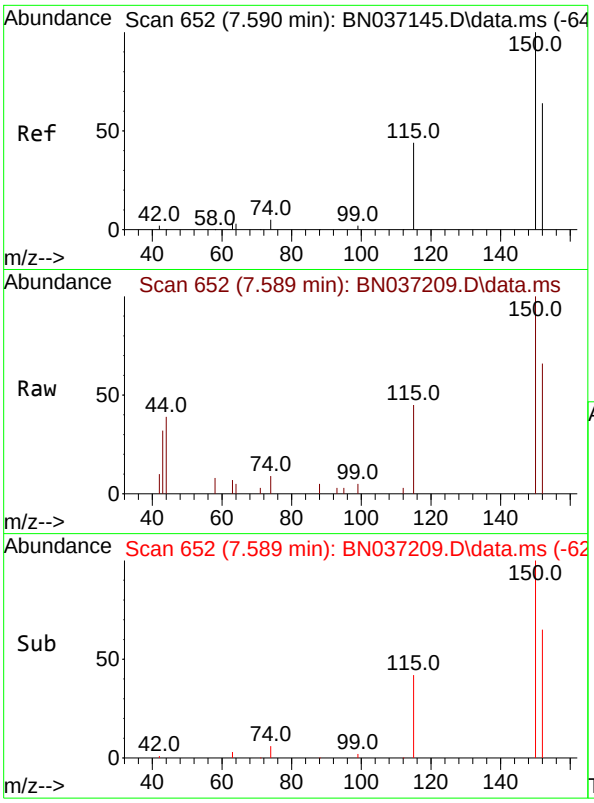
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060925\
Data File : BN037209.D
Acq On : 10 Jun 2025 02:12
Operator : RC/JU
Sample : Q2234-07
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-19B-72-060425

Quant Time: Jun 10 04:05:48 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



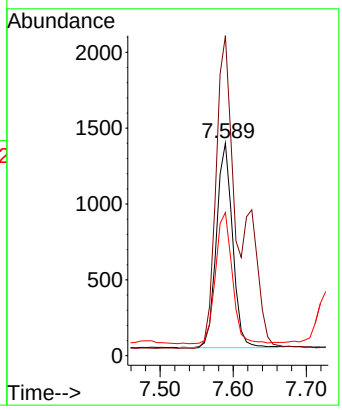


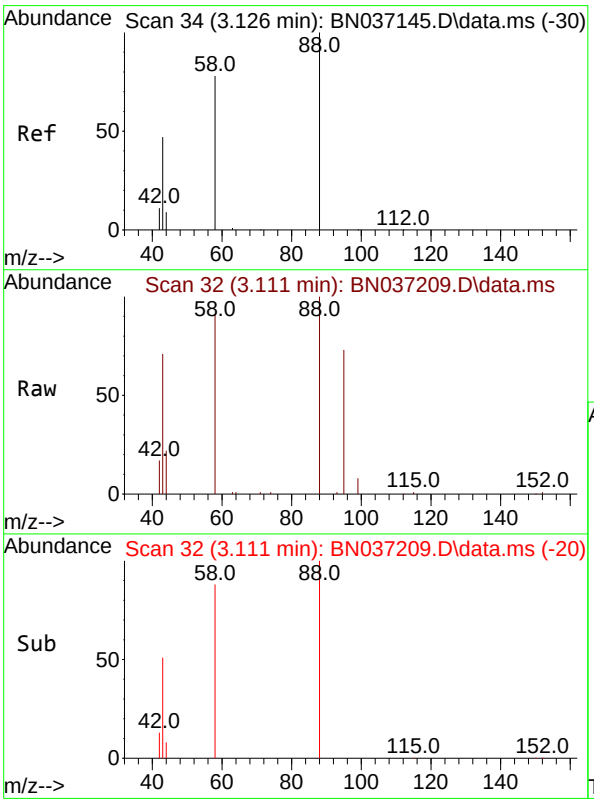
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.589 min Scan# 6
Delta R.T. -0.001 min
Lab File: BN037209.D
Acq: 10 Jun 2025 02:12

Instrument :
BNA_N
ClientSampleId :
MW-19B-72-060425

Tgt Ion:152 Resp: 2075

Ion	Ratio	Lower	Upper
152	100		
150	150.5	123.2	184.8
115	67.3	56.6	85.0

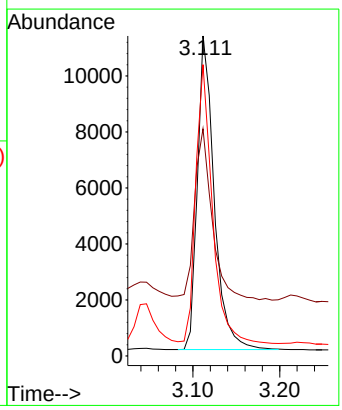


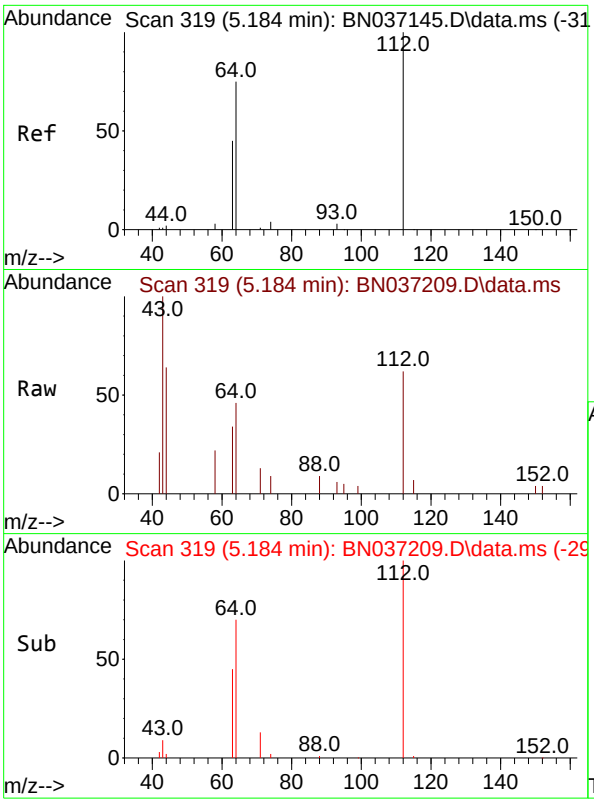


#2
1,4-Dioxane
Concen: 5.461 ng
RT: 3.111 min Scan# 32
Delta R.T. -0.015 min
Lab File: BN037209.D
Acq: 10 Jun 2025 02:12

Tgt Ion: 88 Resp: 15105

Ion	Ratio	Lower	Upper
88	100		
43	57.6	43.5	65.3
58	87.7	67.7	101.5



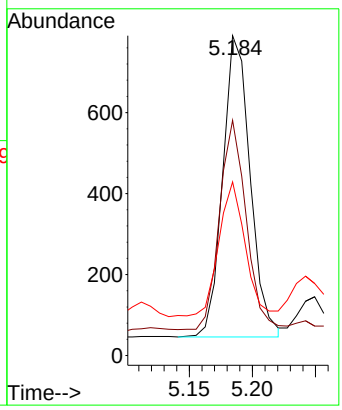


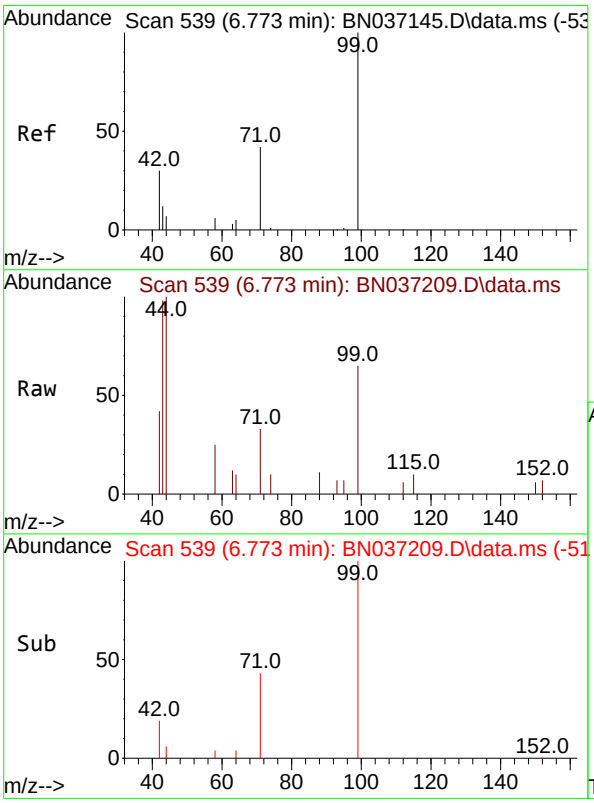
#4
2-Fluorophenol
Concen: 0.219 ng
RT: 5.184 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN037209.D
Acq: 10 Jun 2025 02:12

Instrument :
BNA_N
ClientSampleId :
MW-19B-72-060425

Tgt Ion:112 Resp: 1124

Ion	Ratio	Lower	Upper
112	100		
64	67.5	56.3	84.5
63	42.9	36.2	54.4

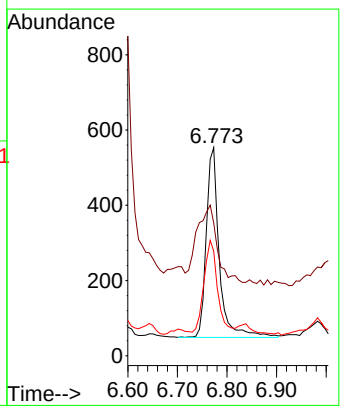


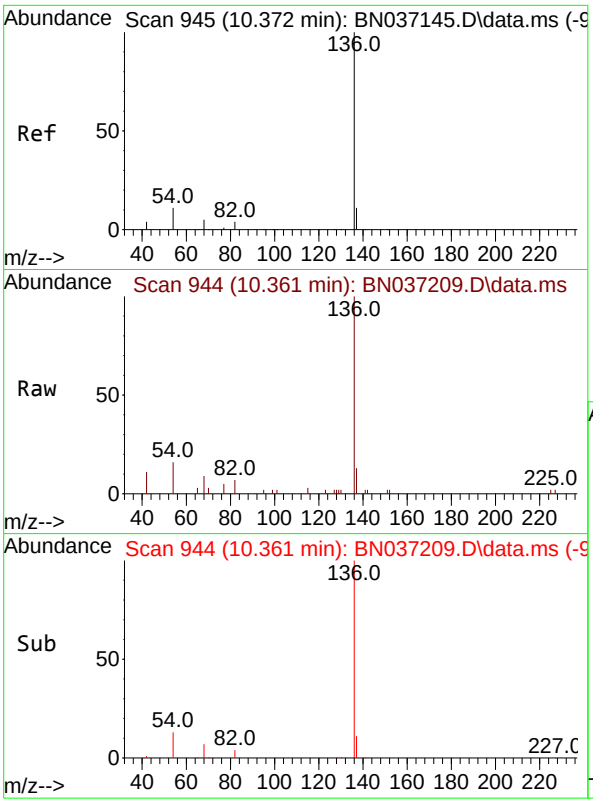


#5
Phenol-d6
Concen: 0.148 ng
RT: 6.773 min Scan# 539
Delta R.T. -0.000 min
Lab File: BN037209.D
Acq: 10 Jun 2025 02:12

Tgt Ion: 99 Resp: 919

Ion	Ratio	Lower	Upper
99	100		
42	62.8	31.3	46.9#
71	50.4	38.2	57.2



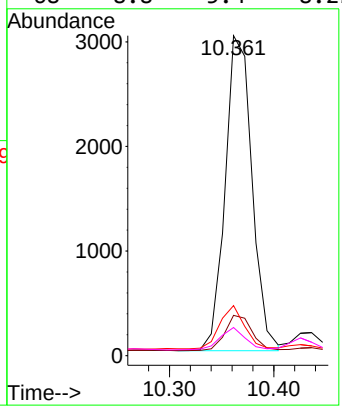


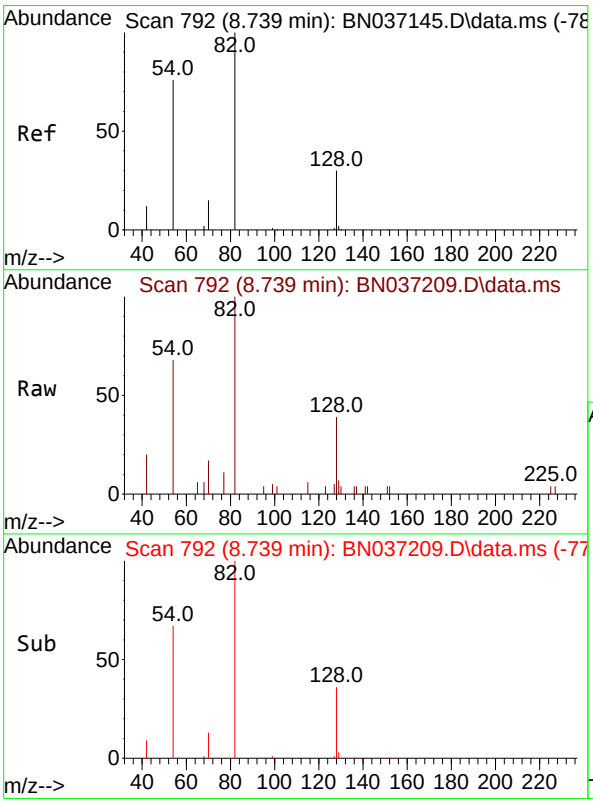
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.361 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN037209.D
Acq: 10 Jun 2025 02:12

Instrument :
BNA_N
ClientSampleId :
MW-19B-72-060425

Tgt Ion:136 Resp: 5375

Ion	Ratio	Lower	Upper
136	100		
137	12.6	9.7	14.5
54	15.6	9.7	14.5#
68	8.8	5.4	8.2#

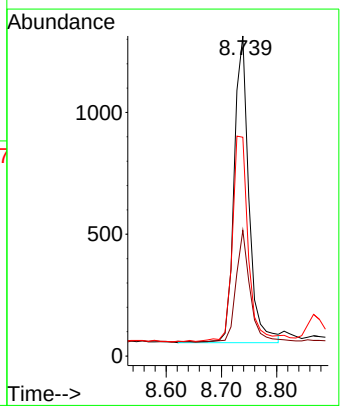


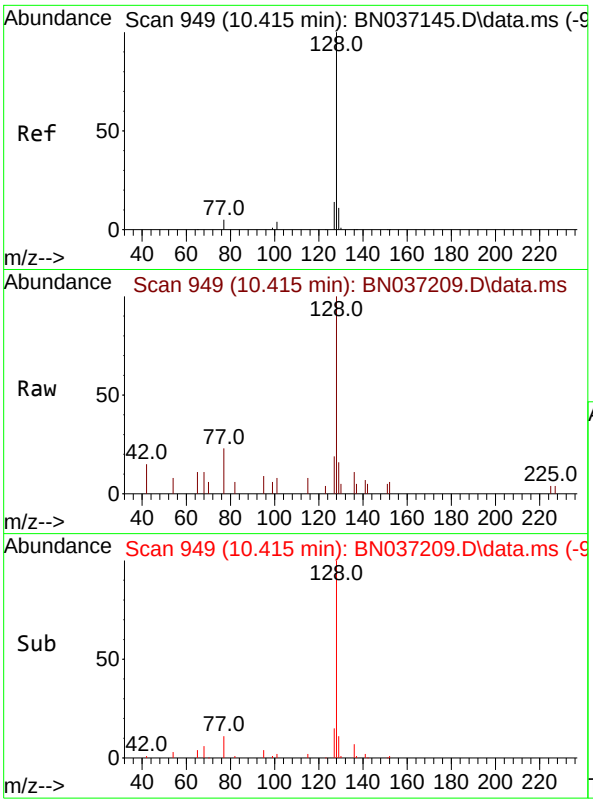


#8
Nitrobenzene-d5
Concen: 0.411 ng
RT: 8.739 min Scan# 792
Delta R.T. -0.000 min
Lab File: BN037209.D
Acq: 10 Jun 2025 02:12

Tgt Ion: 82 Resp: 2331

Ion	Ratio	Lower	Upper
82	100		
128	39.3	26.9	40.3
54	68.3	61.4	92.2



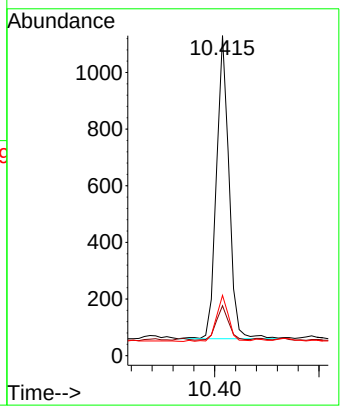


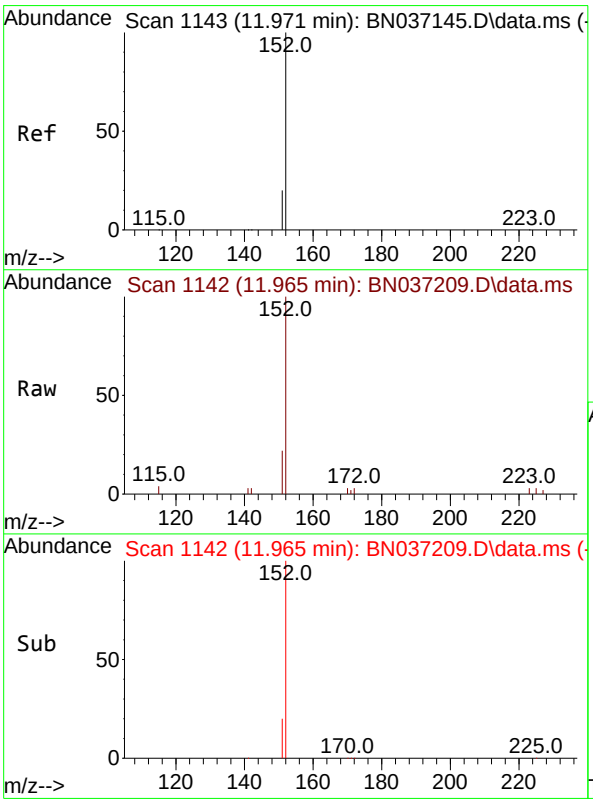
#9
Naphthalene
Concen: 0.115 ng
RT: 10.415 min Scan# 94
Delta R.T. -0.000 min
Lab File: BN037209.D
Acq: 10 Jun 2025 02:12

Instrument :
BNA_N
ClientSampleId :
MW-19B-72-060425

Tgt Ion:128 Resp: 1782

Ion	Ratio	Lower	Upper
128	100		
129	15.6	9.8	14.8#
127	18.8	12.3	18.5#

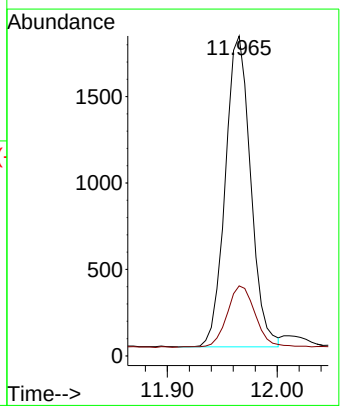


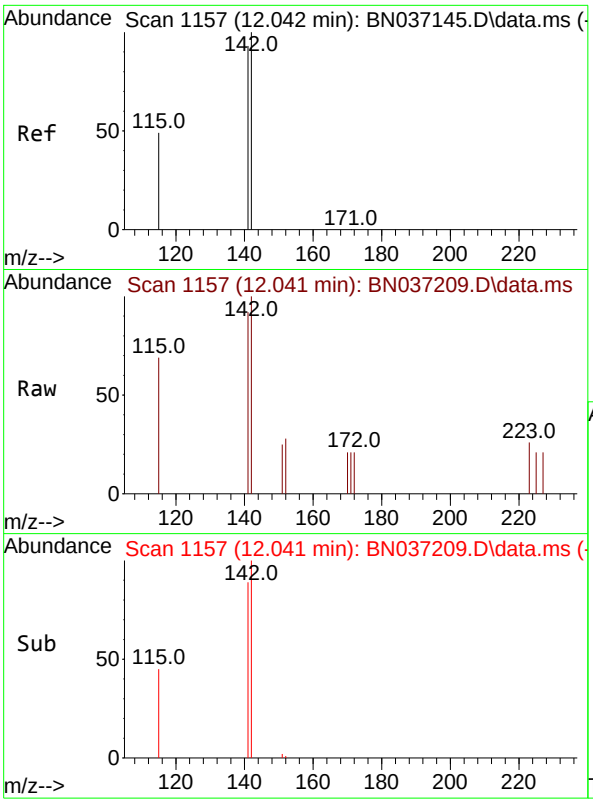


#11
2-Methylnaphthalene-d10
Concen: 0.386 ng
RT: 11.965 min Scan# 1142
Delta R.T. -0.005 min
Lab File: BN037209.D
Acq: 10 Jun 2025 02:12

Tgt Ion:152 Resp: 2886

Ion	Ratio	Lower	Upper
152	100		
151	22.1	17.1	25.7



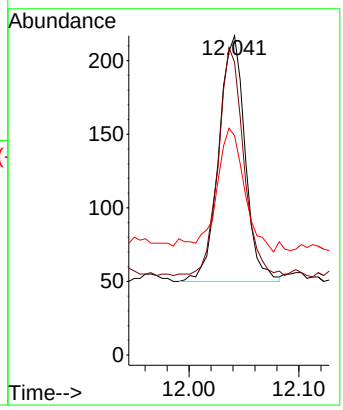


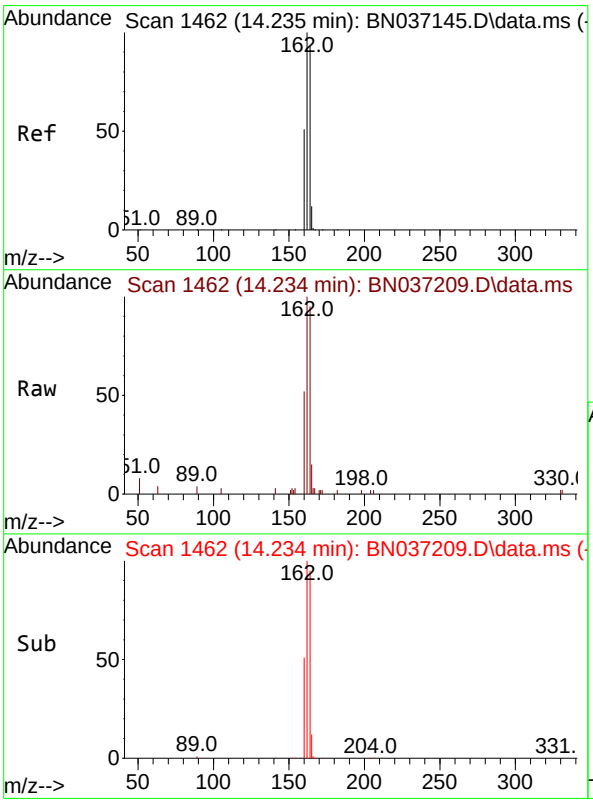
#12
2-Methylnaphthalene
Concen: 0.028 ng
RT: 12.041 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN037209.D
Acq: 10 Jun 2025 02:12

Instrument :
BNA_N
ClientSampleId :
MW-19B-72-060425

Tgt Ion:142 Resp: 277

Ion	Ratio	Lower	Upper
142	100		
141	91.7	74.6	111.8
115	68.7	41.0	61.4#

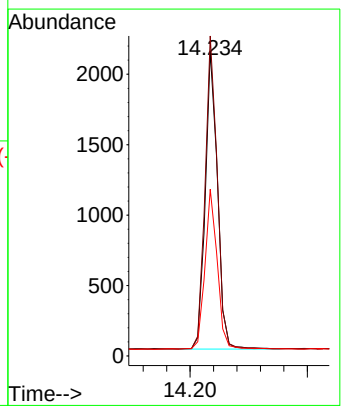


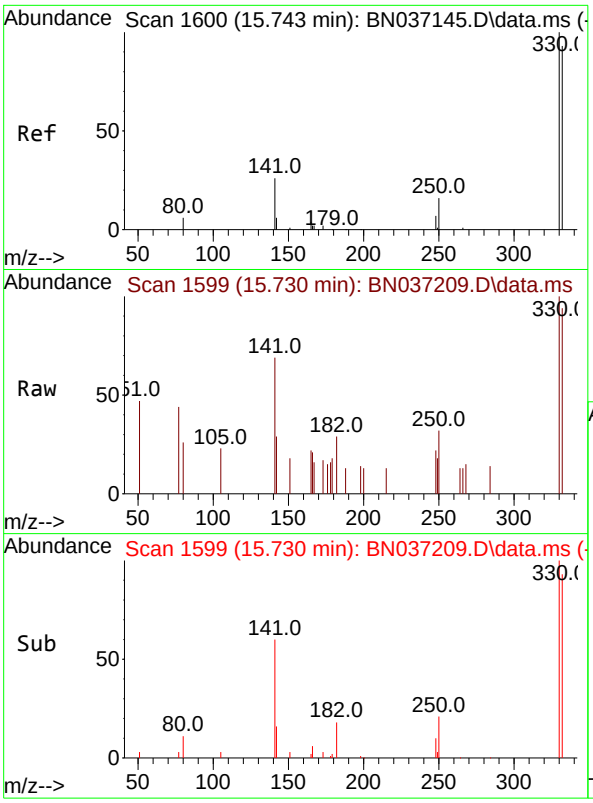


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.234 min Scan# 1462
Delta R.T. -0.000 min
Lab File: BN037209.D
Acq: 10 Jun 2025 02:12

Tgt Ion:164 Resp: 3061

Ion	Ratio	Lower	Upper
164	100		
162	105.0	85.5	128.3
160	54.7	44.6	67.0



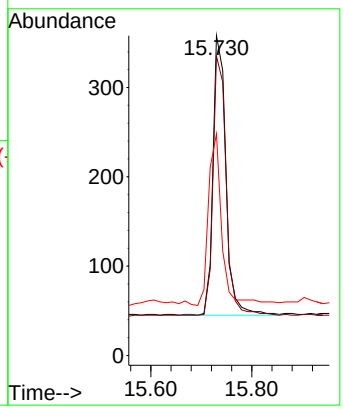


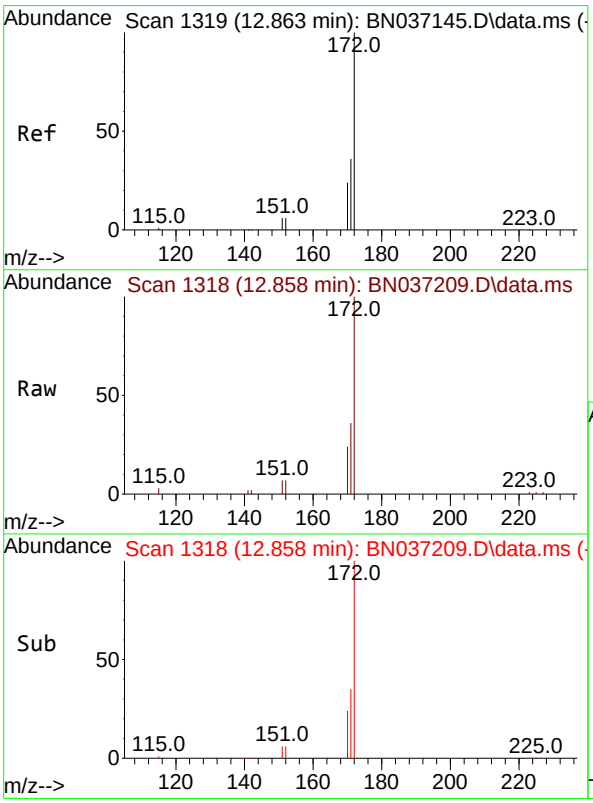
#14
2,4,6-Tribromophenol
Concen: 0.454 ng
RT: 15.730 min Scan# 1
Delta R.T. -0.013 min
Lab File: BN037209.D
Acq: 10 Jun 2025 02:12

Instrument :
BNA_N
ClientSampleId :
MW-19B-72-060425

Tgt Ion:330 Resp: 560

Ion	Ratio	Lower	Upper
330	100		
332	93.0	77.1	115.7
141	62.0	46.4	69.6

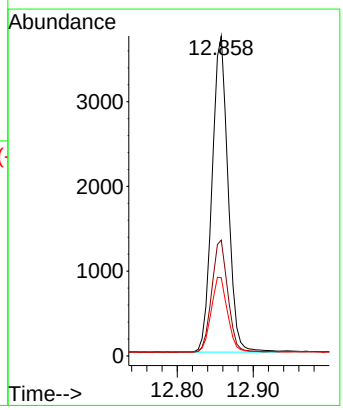


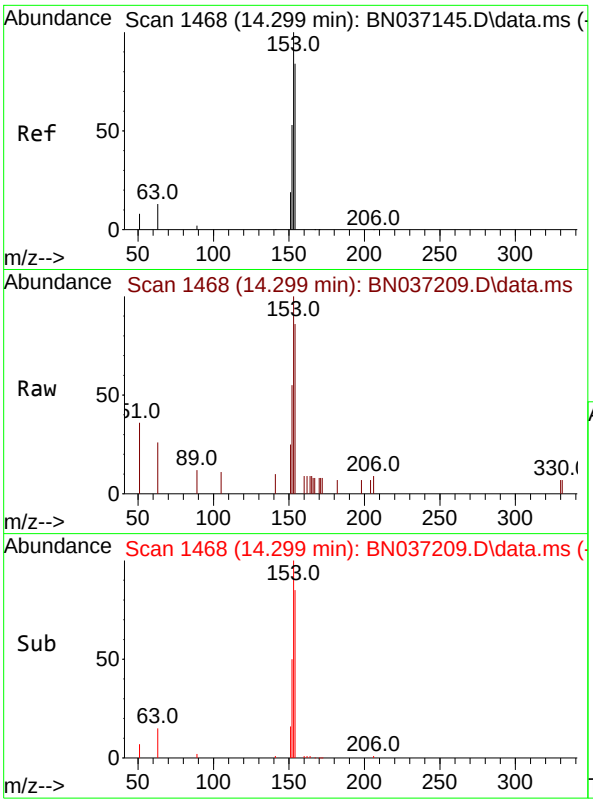


#15
2-Fluorobiphenyl
Concen: 0.414 ng
RT: 12.858 min Scan# 1318
Delta R.T. -0.005 min
Lab File: BN037209.D
Acq: 10 Jun 2025 02:12

Tgt Ion:172 Resp: 5407

Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	24.5	20.3	30.5



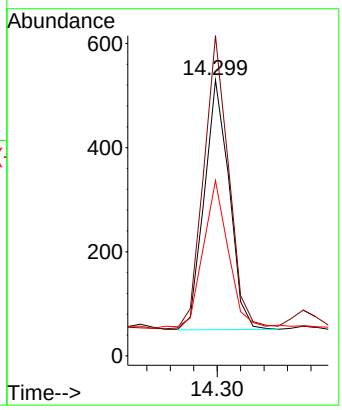


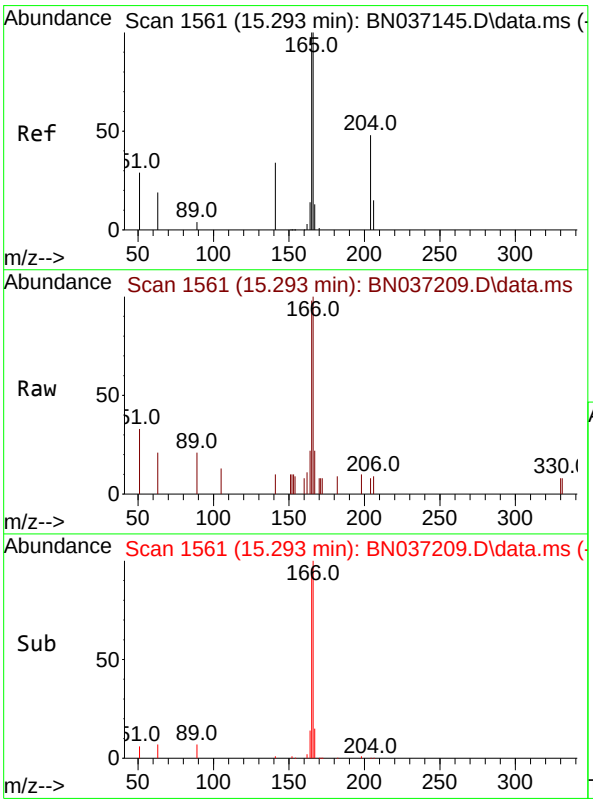
#17
Acenaphthene
Concen: 0.072 ng
RT: 14.299 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN037209.D
Acq: 10 Jun 2025 02:12

Instrument :
BNA_N
ClientSampleId :
MW-19B-72-060425

Tgt Ion:154 Resp: 706

Ion	Ratio	Lower	Upper
154	100		
153	118.3	93.8	140.8
152	62.7	50.5	75.7

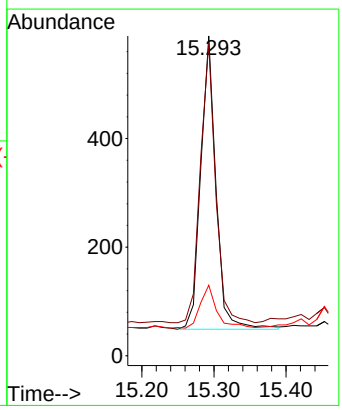


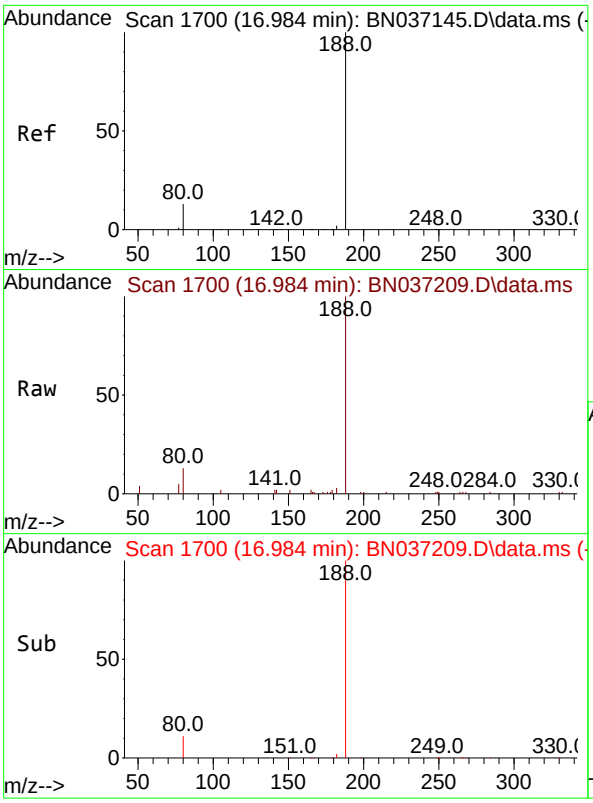


#18
Fluorene
Concen: 0.062 ng
RT: 15.293 min Scan# 1561
Delta R.T. -0.000 min
Lab File: BN037209.D
Acq: 10 Jun 2025 02:12

Tgt Ion:166 Resp: 795

Ion	Ratio	Lower	Upper
166	100		
165	94.6	81.1	121.7
167	15.8	10.8	16.2



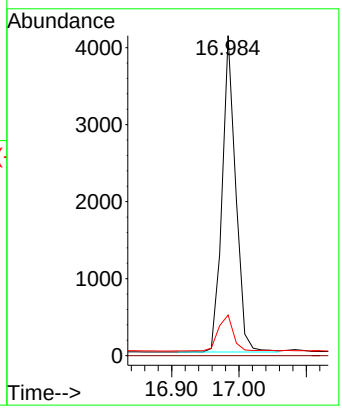


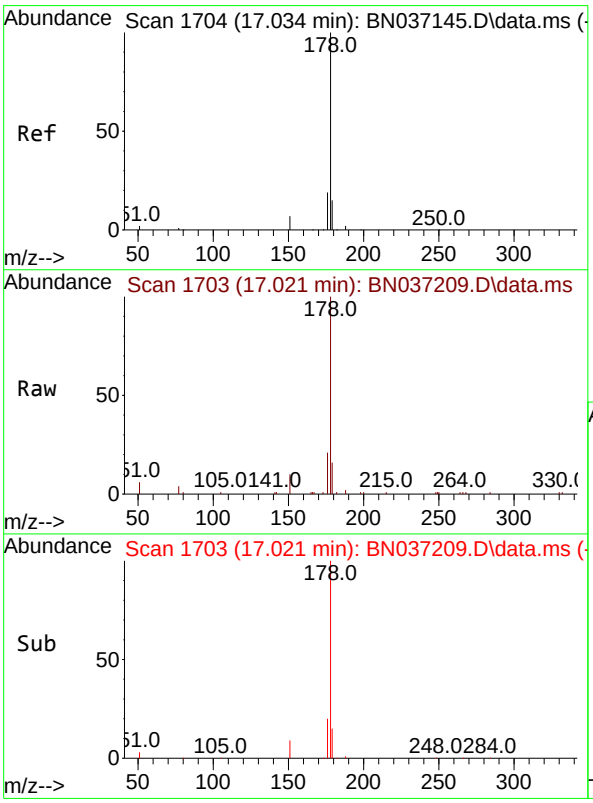
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.984 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037209.D
Acq: 10 Jun 2025 02:12

Instrument :
BNA_N
ClientSampleId :
MW-19B-72-060425

Tgt Ion:188 Resp: 5755

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.7	11.3	16.9

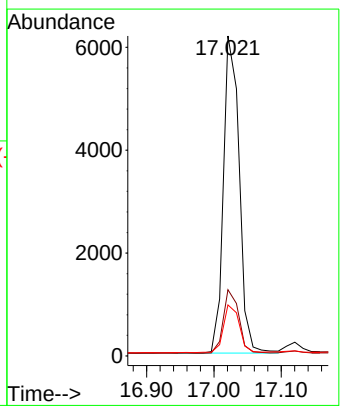


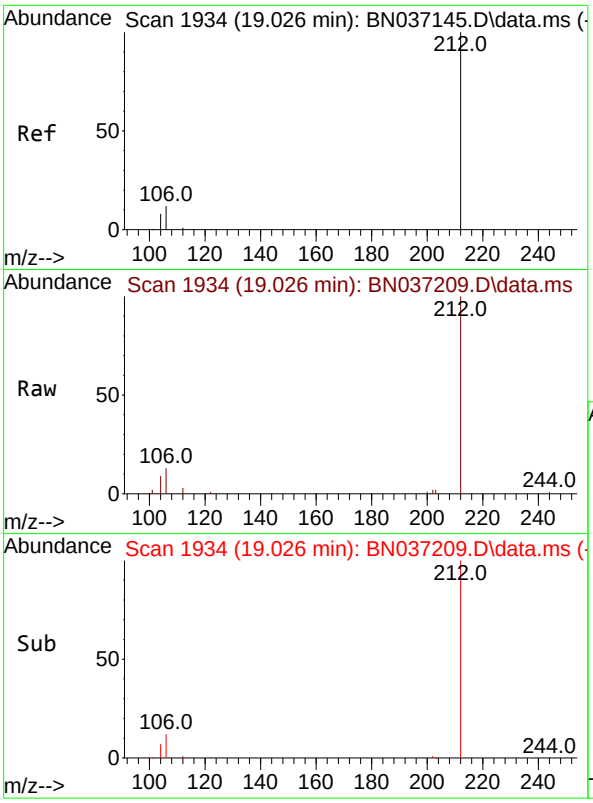


#25
Phenanthrene
Concen: 0.539 ng
RT: 17.021 min Scan# 1703
Delta R.T. -0.013 min
Lab File: BN037209.D
Acq: 10 Jun 2025 02:12

Tgt Ion:178 Resp: 10041

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.7	23.5
179	15.2	12.3	18.5



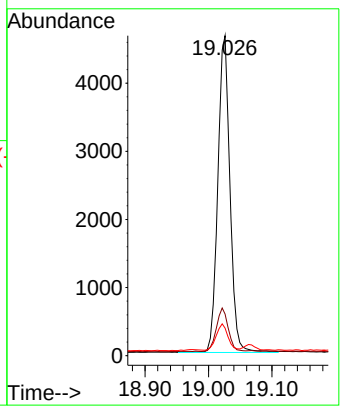


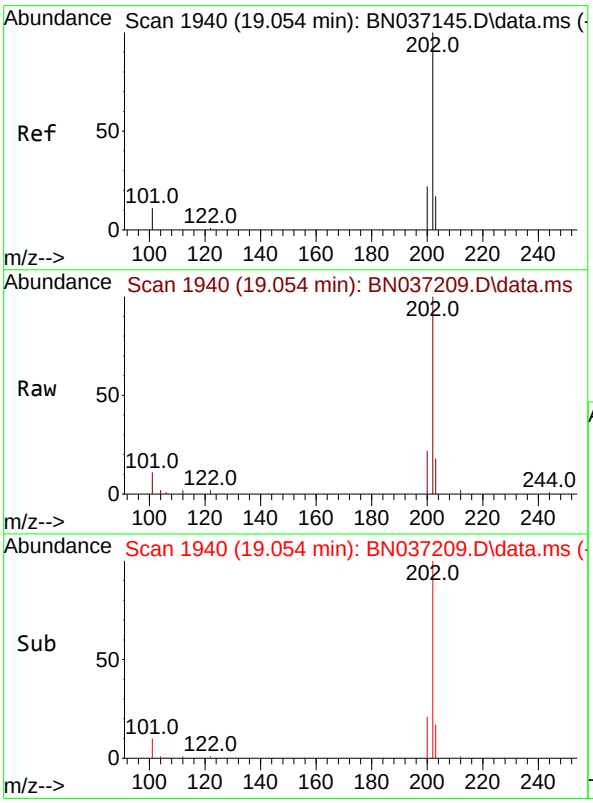
#27
Fluoranthene-d10
Concen: 0.422 ng
RT: 19.026 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037209.D
Acq: 10 Jun 2025 02:12

Instrument :
BNA_N
ClientSampleId :
MW-19B-72-060425

Tgt Ion:212 Resp: 6173

Ion	Ratio	Lower	Upper
212	100		
106	13.3	10.6	15.8
104	8.2	6.6	9.8

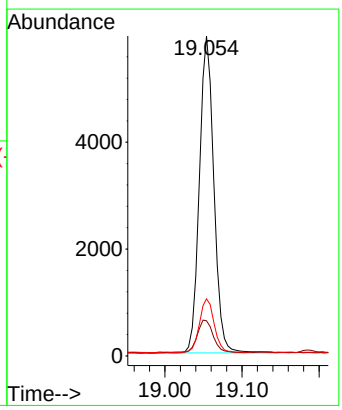


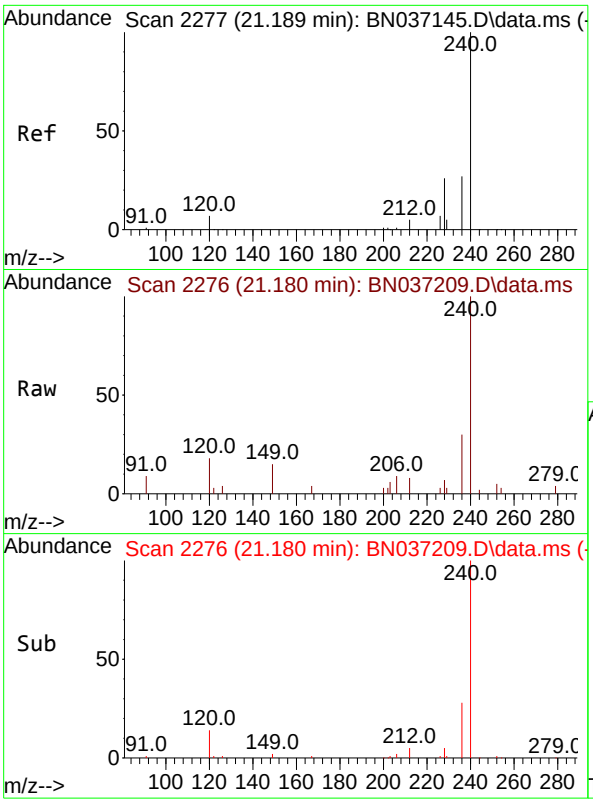


#28
Fluoranthene
Concen: 0.376 ng
RT: 19.054 min Scan# 1940
Delta R.T. -0.000 min
Lab File: BN037209.D
Acq: 10 Jun 2025 02:12

Tgt Ion:202 Resp: 7738

Ion	Ratio	Lower	Upper
202	100		
101	11.3	8.7	13.1
203	17.1	13.5	20.3



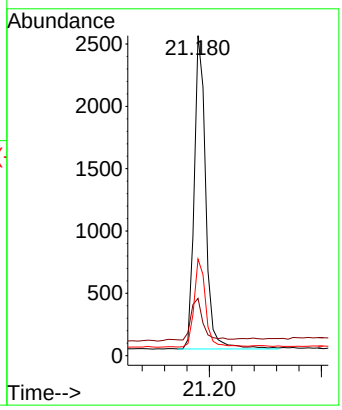


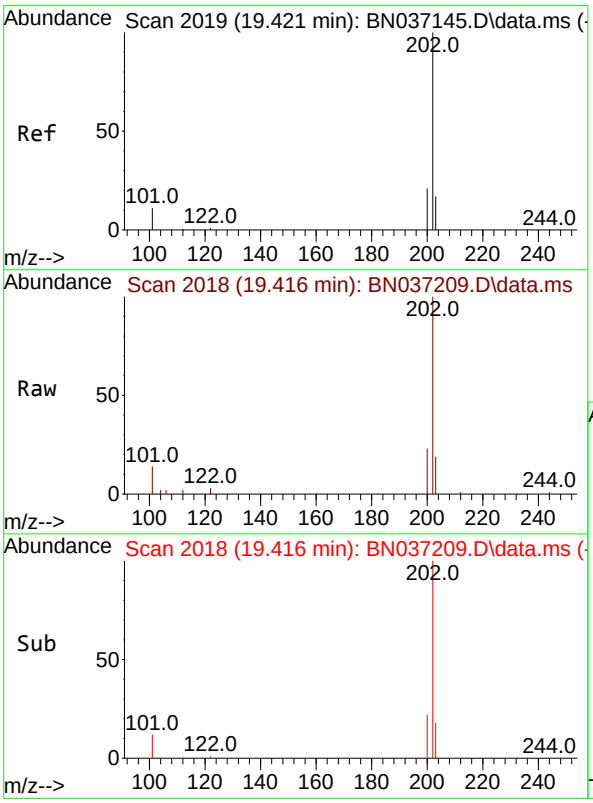
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.180 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN037209.D
Acq: 10 Jun 2025 02:12

Instrument :
BNA_N
ClientSampleId :
MW-19B-72-060425

Tgt Ion:240 Resp: 3593

Ion	Ratio	Lower	Upper
240	100		
120	17.9	9.0	13.4#
236	30.2	23.0	34.4

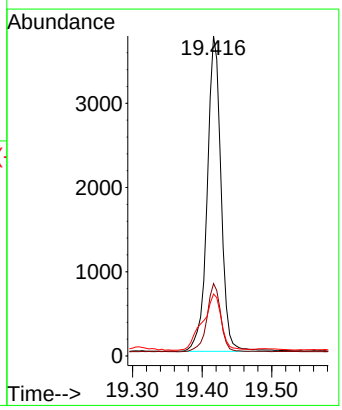


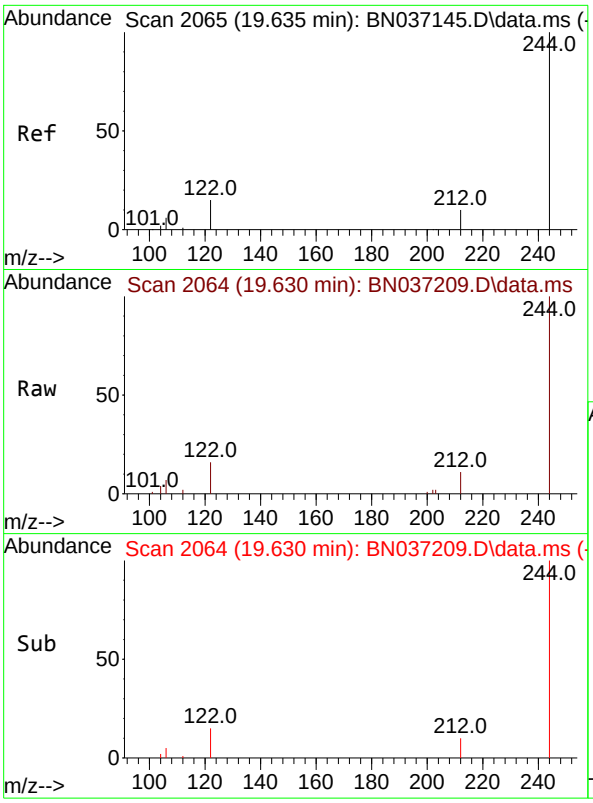


#30
Pyrene
Concen: 0.294 ng
RT: 19.416 min Scan# 2018
Delta R.T. -0.005 min
Lab File: BN037209.D
Acq: 10 Jun 2025 02:12

Tgt Ion:202 Resp: 5158

Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.0	25.6
203	24.1	14.2	21.4#



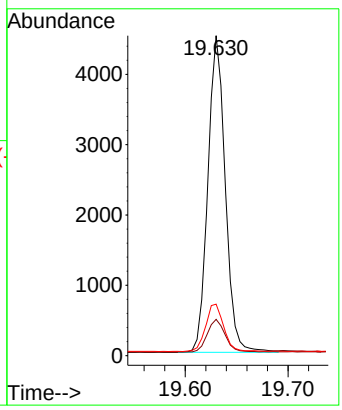


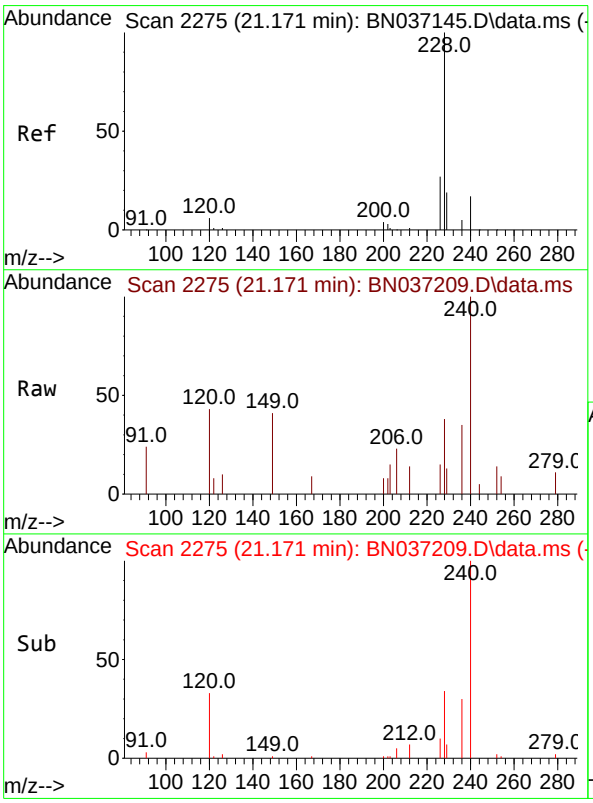
#31
Terphenyl-d14
Concen: 0.625 ng
RT: 19.630 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN037209.D
Acq: 10 Jun 2025 02:12

Instrument :
BNA_N
ClientSampleId :
MW-19B-72-060425

Tgt Ion:244 Resp: 5287

Ion	Ratio	Lower	Upper
244	100		
212	11.3	10.0	15.0
122	16.1	13.2	19.8

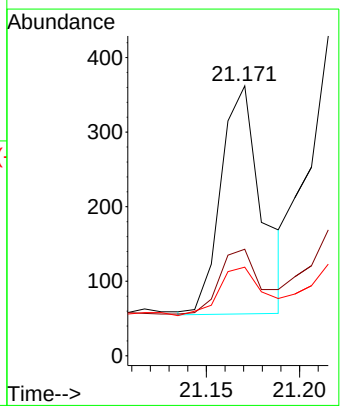


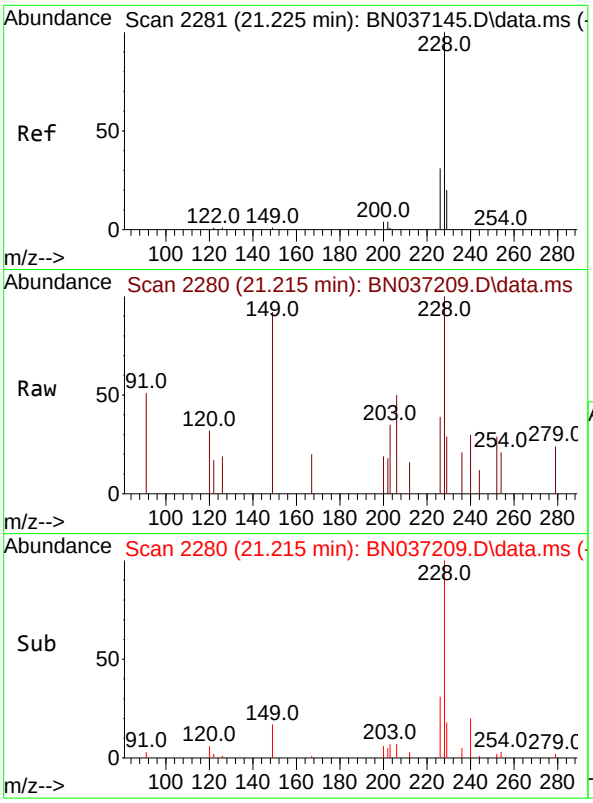


#32
Benzo(a)anthracene
Concen: 0.036 ng
RT: 21.171 min Scan# 2275
Delta R.T. -0.000 min
Lab File: BN037209.D
Acq: 10 Jun 2025 02:12

Tgt Ion:228 Resp: 470

Ion	Ratio	Lower	Upper
228	100		
226	39.5	22.6	33.8#
229	32.9	16.2	24.2#



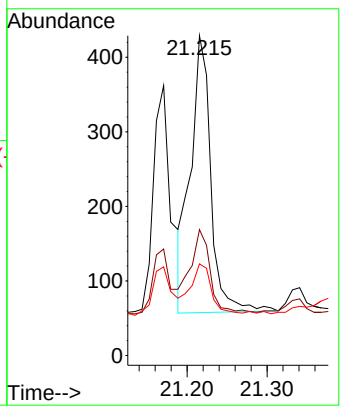


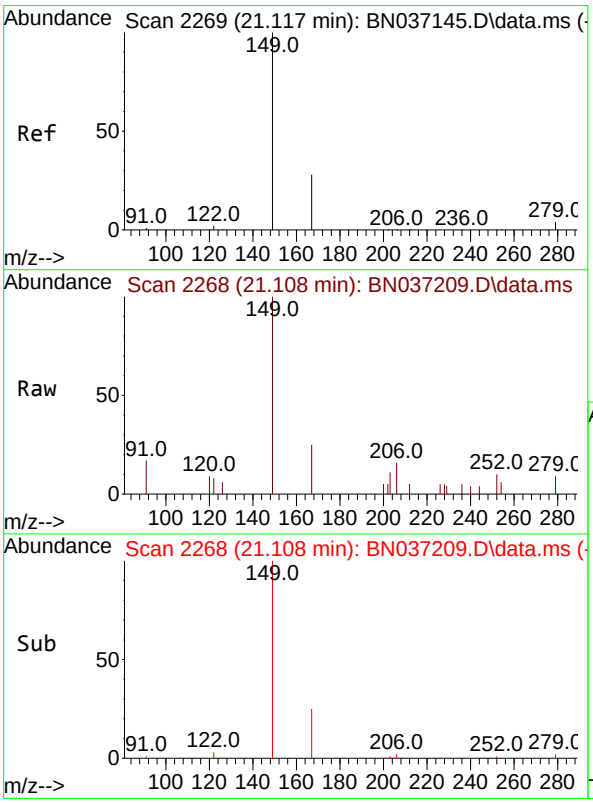
#33
Chrysene
Concen: 0.046 ng
RT: 21.215 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN037209.D
Acq: 10 Jun 2025 02:12

Instrument :
BNA_N
ClientSampleId :
MW-19B-72-060425

Tgt Ion:228 Resp: 659

Ion	Ratio	Lower	Upper
228	100		
226	39.4	25.2	37.8#
229	28.7	16.8	25.2#

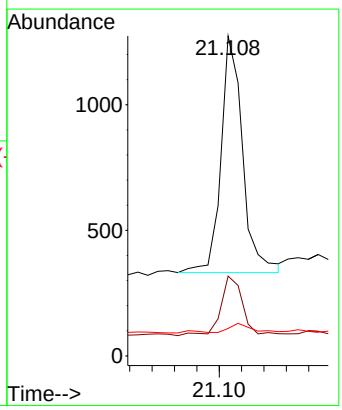


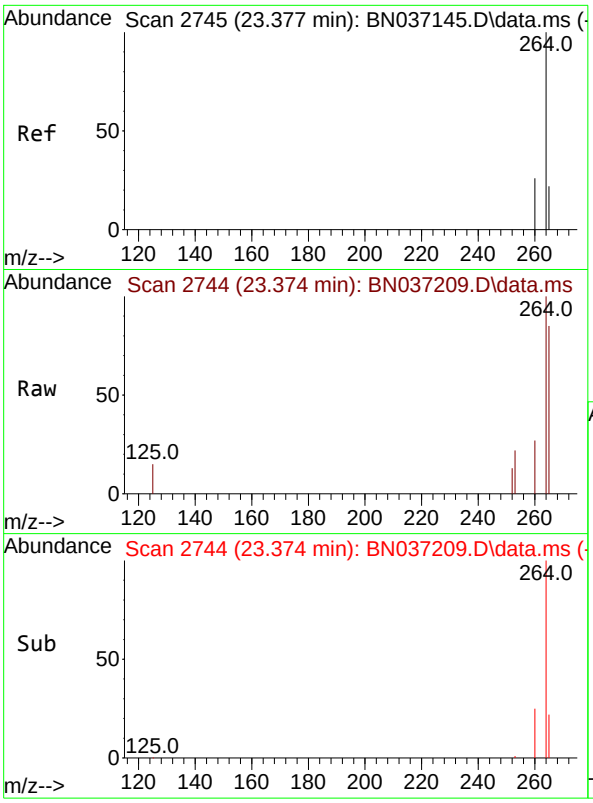


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.154 ng
RT: 21.108 min Scan# 2268
Delta R.T. -0.009 min
Lab File: BN037209.D
Acq: 10 Jun 2025 02:12

Tgt Ion:149 Resp: 1263

Ion	Ratio	Lower	Upper
149	100		
167	26.0	21.0	31.4
279	3.7	2.9	4.3



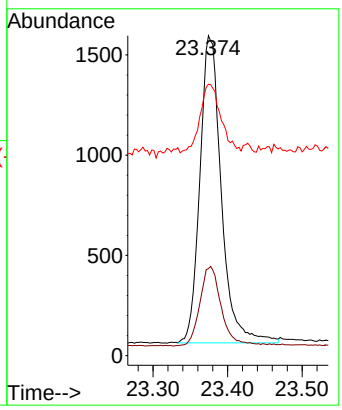


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.374 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN037209.D
Acq: 10 Jun 2025 02:12

Instrument :
BNA_N
ClientSampleId :
MW-19B-72-060425

Tgt Ion:264 Resp: 3061

Ion	Ratio	Lower	Upper
264	100		
260	27.2	22.1	33.1
265	84.8	55.8	83.8#



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060925\
Data File : BN037213.D
Acq On : 10 Jun 2025 09:49
Operator : RC/JU
Sample : Q2234-07DL 2X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-19B-72-060425DL

Quant Time: Jun 10 10:51:19 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

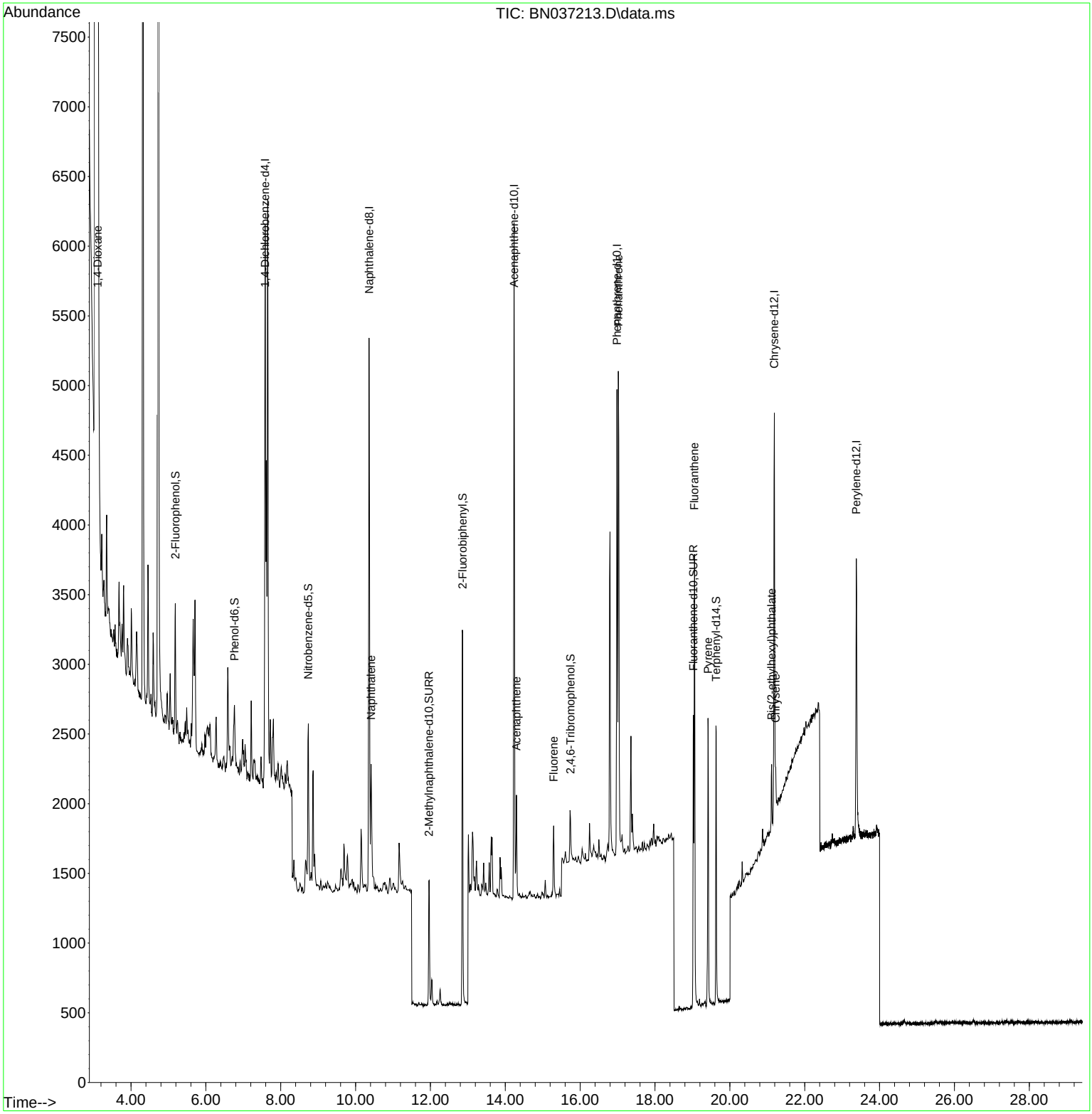
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.582	152	1883	0.400	ng	0.00
7) Naphthalene-d8	10.362	136	4807	0.400	ng	-0.01
13) Acenaphthene-d10	14.235	164	2597	0.400	ng	0.00
19) Phenanthrene-d10	16.984	188	4389	0.400	ng	0.00
29) Chrysene-d12	21.189	240	2810	0.400	ng	# 0.00
35) Perylene-d12	23.380	264	2751	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.184	112	530	0.114	ng	0.00
5) Phenol-d6	6.766	99	394	0.070	ng	0.00
8) Nitrobenzene-d5	8.739	82	1062	0.209	ng	0.00
11) 2-Methylnaphthalene-d10	11.961	152	1359	0.203	ng	-0.01
14) 2,4,6-Tribromophenol	15.743	330	218	0.208	ng	0.00
15) 2-Fluorobiphenyl	12.858	172	2439	0.220	ng	0.00
27) Fluoranthene-d10	19.026	212	2415	0.217	ng	0.00
31) Terphenyl-d14	19.630	244	2038	0.308	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.112	88	7647	3.047	ng	98
9) Naphthalene	10.415	128	829	0.060	ng	# 83
17) Acenaphthene	14.299	154	316	0.038	ng	98
18) Fluorene	15.293	166	334	0.031	ng	# 91
25) Phenanthrene	17.021	178	3983	0.280	ng	99
28) Fluoranthene	19.054	202	2915	0.186	ng	99
30) Pyrene	19.416	202	1996	0.146	ng	# 94
33) Chrysene	21.225	228	295	0.026	ng	# 64
34) Bis(2-ethylhexyl)phtha...	21.117	149	620	0.097	ng	# 88

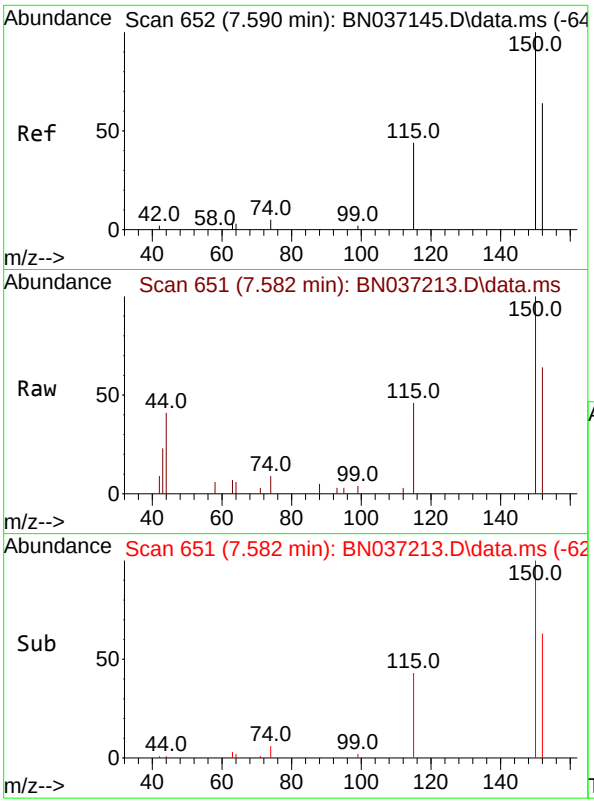
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060925\
Data File : BN037213.D
Acq On : 10 Jun 2025 09:49
Operator : RC/JU
Sample : Q2234-07DL 2X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-19B-72-060425DL

Quant Time: Jun 10 10:51:19 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



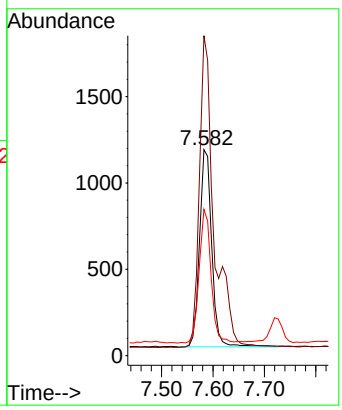


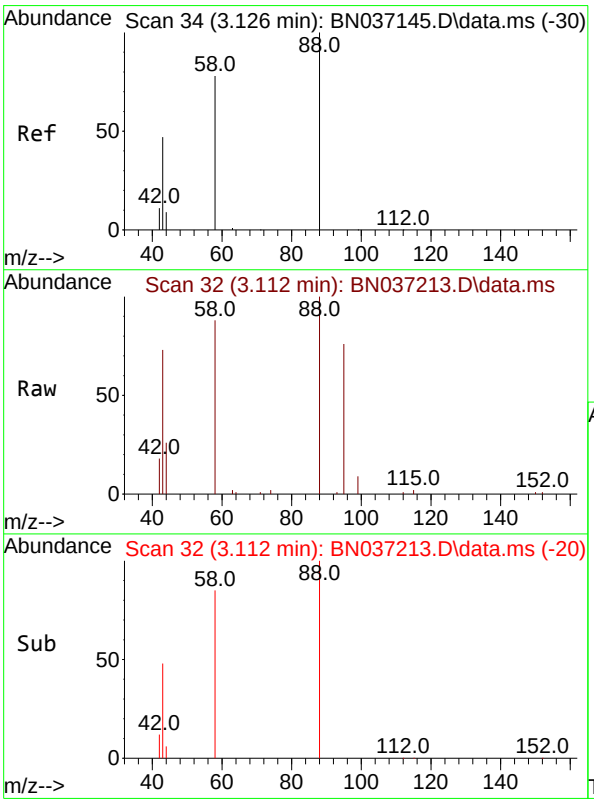
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.582 min Scan# 6
Delta R.T. -0.008 min
Lab File: BN037213.D
Acq: 10 Jun 2025 09:49

Instrument :
BNA_N
ClientSampleId :
MW-19B-72-060425DL

Tgt Ion:152 Resp: 1883

Ion	Ratio	Lower	Upper
152	100		
150	155.3	123.2	184.8
115	71.0	56.6	85.0

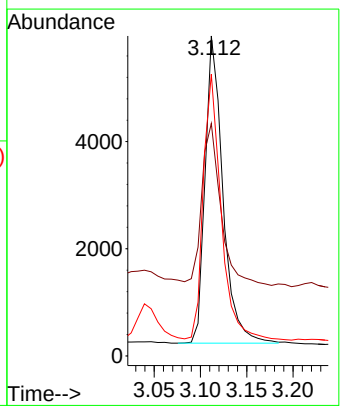


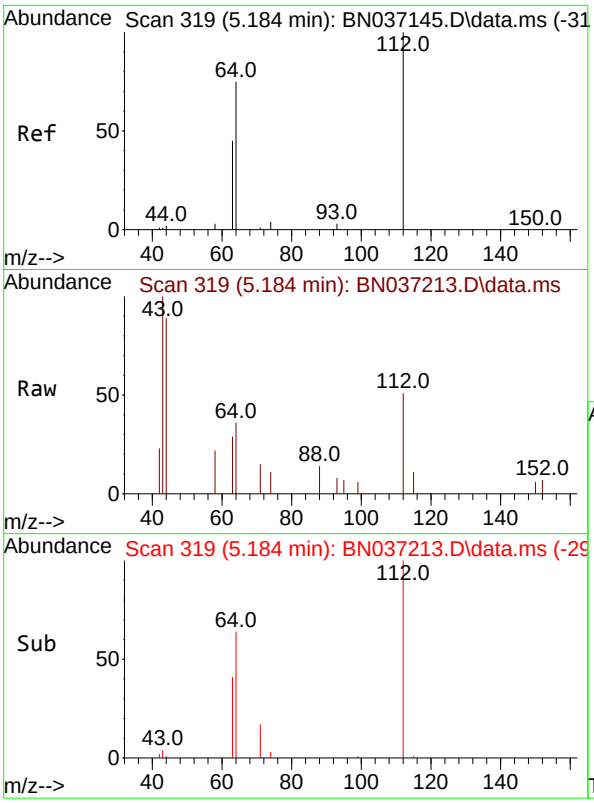


#2
1,4-Dioxane
Concen: 3.047 ng
RT: 3.112 min Scan# 32
Delta R.T. -0.014 min
Lab File: BN037213.D
Acq: 10 Jun 2025 09:49

Tgt Ion: 88 Resp: 7647

Ion	Ratio	Lower	Upper
88	100		
43	55.1	43.5	65.3
58	86.8	67.7	101.5



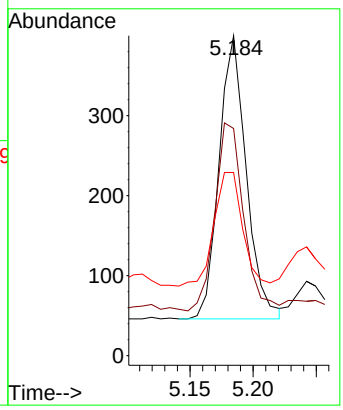


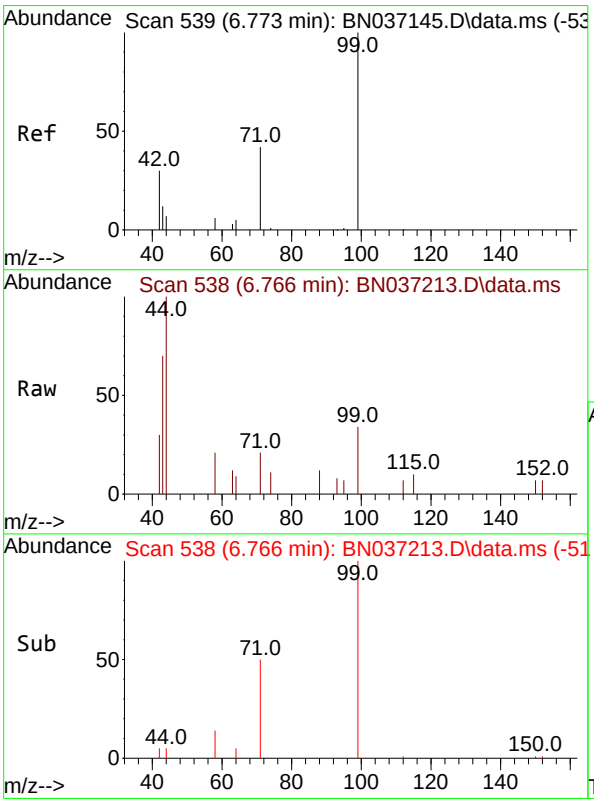
#4
2-Fluorophenol
Concen: 0.114 ng
RT: 5.184 min Scan# 31
Delta R.T. -0.000 min
Lab File: BN037213.D
Acq: 10 Jun 2025 09:49

Instrument :
BNA_N
ClientSampleId :
MW-19B-72-060425DL

Tgt Ion:112 Resp: 530

Ion	Ratio	Lower	Upper
112	100		
64	69.8	56.3	84.5
63	42.8	36.2	54.4

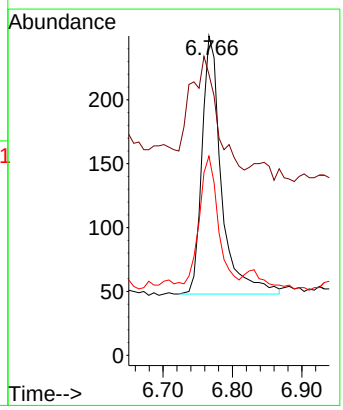


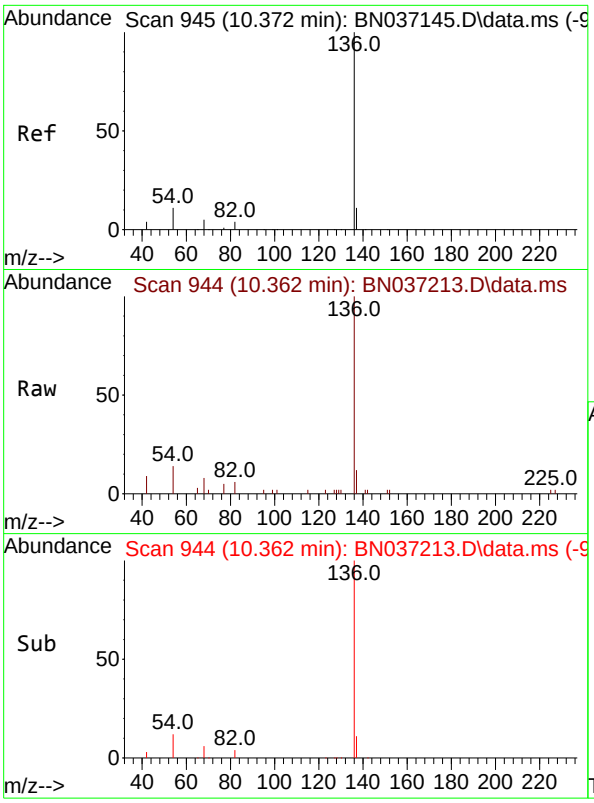


#5
Phenol-d6
Concen: 0.070 ng
RT: 6.766 min Scan# 538
Delta R.T. -0.007 min
Lab File: BN037213.D
Acq: 10 Jun 2025 09:49

Tgt Ion: 99 Resp: 394

Ion	Ratio	Lower	Upper
99	100		
42	58.4	31.3	46.9#
71	48.7	38.2	57.2



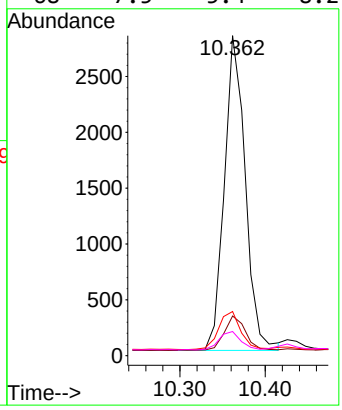


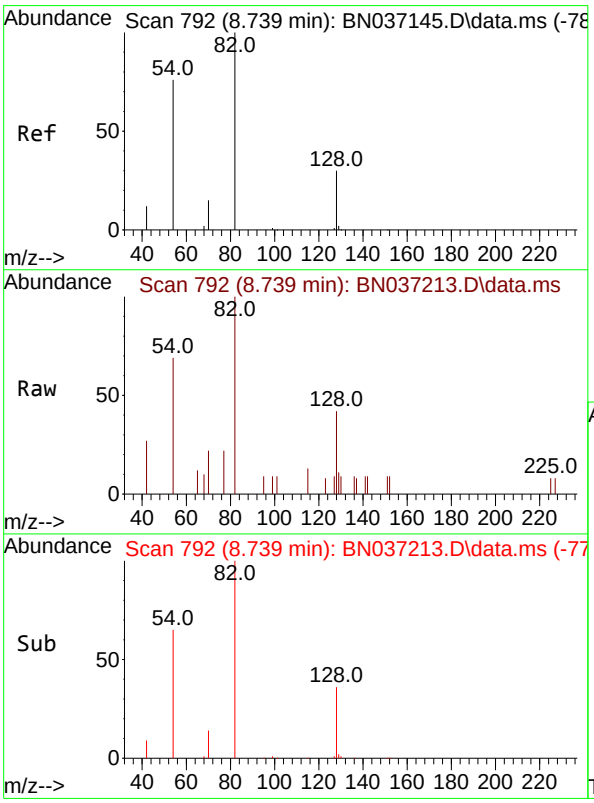
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.362 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN037213.D
Acq: 10 Jun 2025 09:49

Instrument :
BNA_N
ClientSampleId :
MW-19B-72-060425DL

Tgt Ion:136 Resp: 4807

Ion	Ratio	Lower	Upper
136	100		
137	12.4	9.7	14.5
54	13.8	9.7	14.5
68	7.5	5.4	8.2

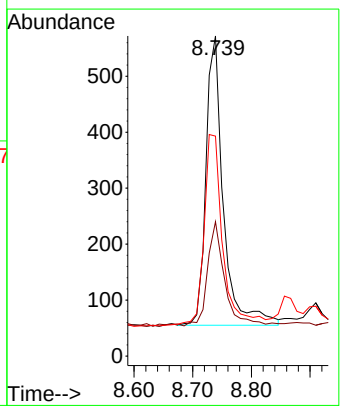


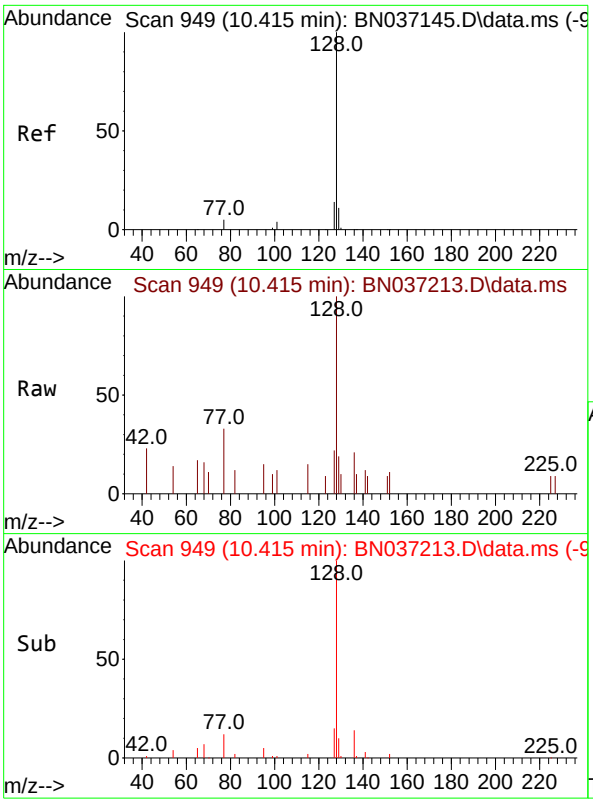


#8
Nitrobenzene-d5
Concen: 0.209 ng
RT: 8.739 min Scan# 792
Delta R.T. -0.000 min
Lab File: BN037213.D
Acq: 10 Jun 2025 09:49

Tgt Ion: 82 Resp: 1062

Ion	Ratio	Lower	Upper
82	100		
128	42.0	26.9	40.3#
54	68.7	61.4	92.2



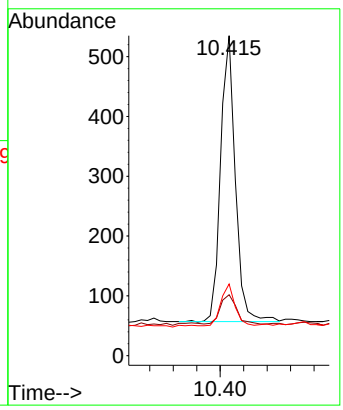


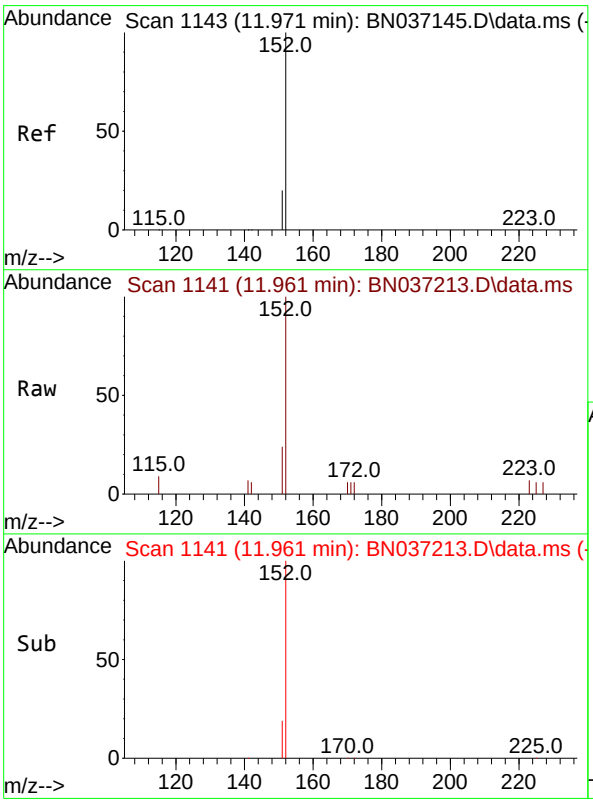
#9
Naphthalene
Concen: 0.060 ng
RT: 10.415 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN037213.D
Acq: 10 Jun 2025 09:49

Instrument :
BNA_N
ClientSampleId :
MW-19B-72-060425DL

Tgt Ion:128 Resp: 829

Ion	Ratio	Lower	Upper
128	100		
129	19.1	9.8	14.8#
127	22.4	12.3	18.5#

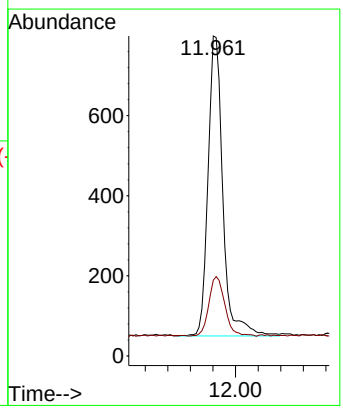


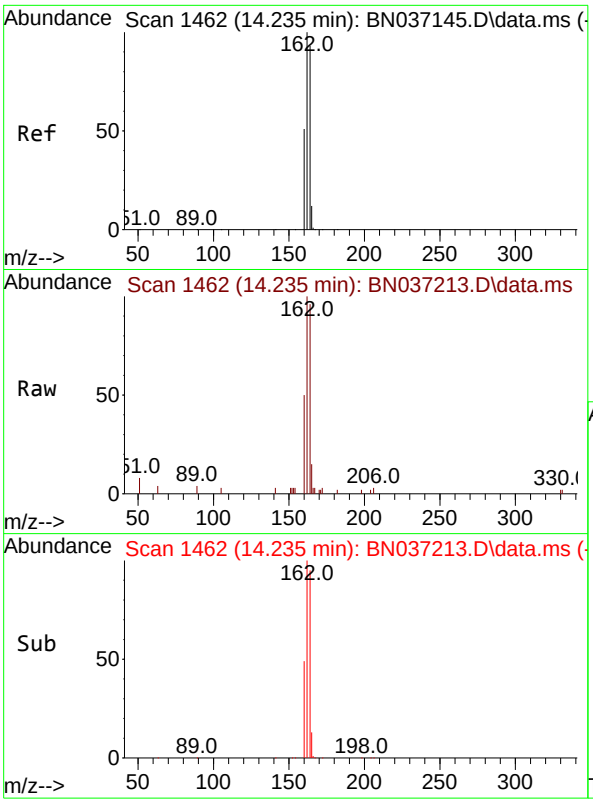


#11
2-Methylnaphthalene-d10
Concen: 0.203 ng
RT: 11.961 min Scan# 1141
Delta R.T. -0.010 min
Lab File: BN037213.D
Acq: 10 Jun 2025 09:49

Tgt Ion:152 Resp: 1359

Ion	Ratio	Lower	Upper
152	100		
151	21.7	17.1	25.7



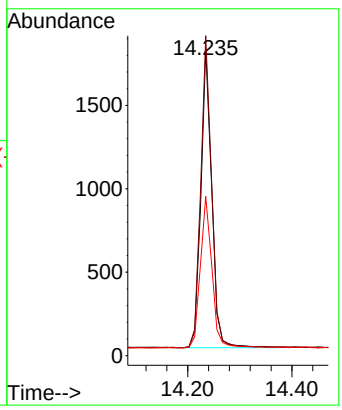


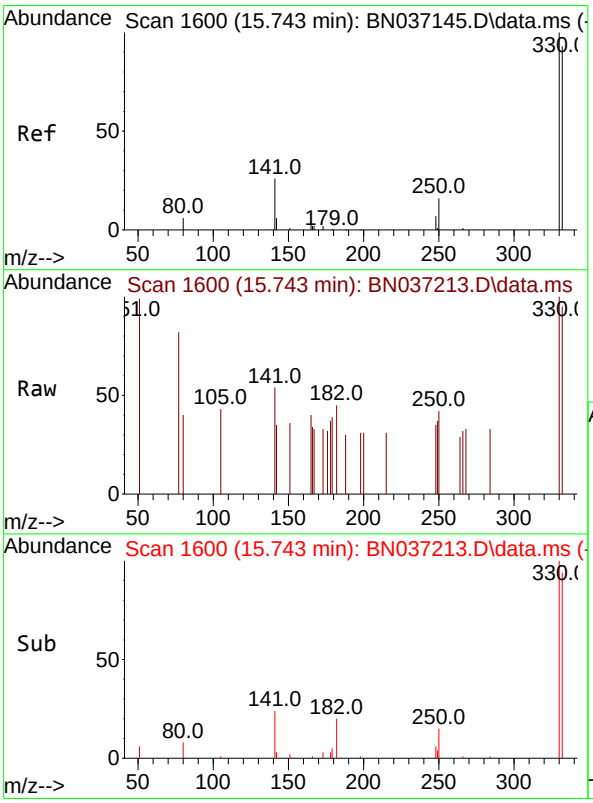
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.235 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN037213.D
Acq: 10 Jun 2025 09:49

Instrument :
BNA_N
ClientSampleId :
MW-19B-72-060425DL

Tgt Ion:164 Resp: 2597

Ion	Ratio	Lower	Upper
164	100		
162	104.4	85.5	128.3
160	51.9	44.6	67.0

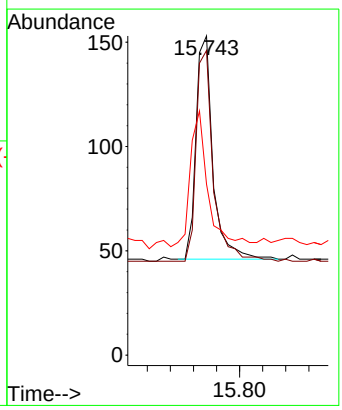


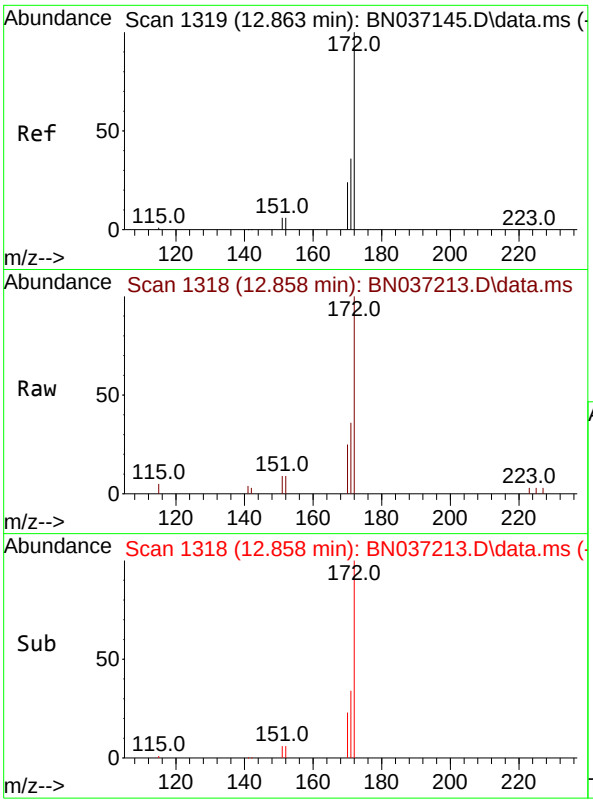


#14
2,4,6-Tribromophenol
Concen: 0.208 ng
RT: 15.743 min Scan# 1600
Delta R.T. -0.000 min
Lab File: BN037213.D
Acq: 10 Jun 2025 09:49

Tgt Ion:330 Resp: 218

Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.1	115.7
141	63.8	46.4	69.6



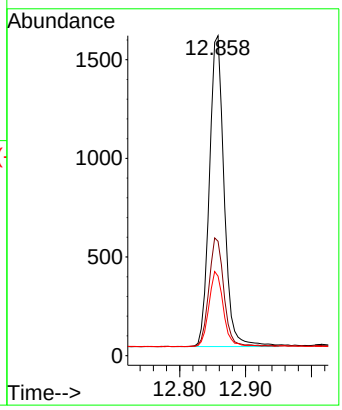


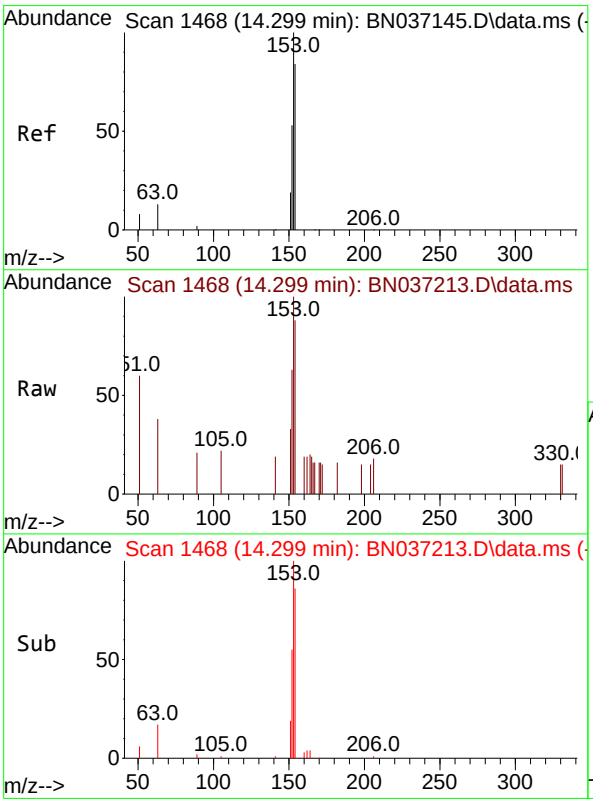
#15
2-Fluorobiphenyl
Concen: 0.220 ng
RT: 12.858 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN037213.D
Acq: 10 Jun 2025 09:49

Instrument :
BNA_N
ClientSampleId :
MW-19B-72-060425DL

Tgt Ion:172 Resp: 2439

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.6	44.4
170	24.8	20.3	30.5

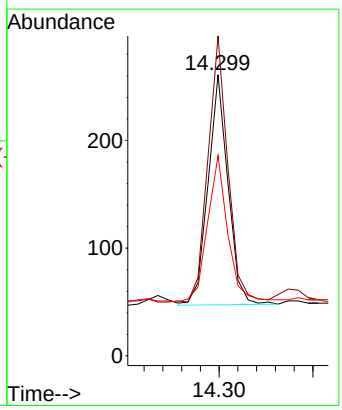


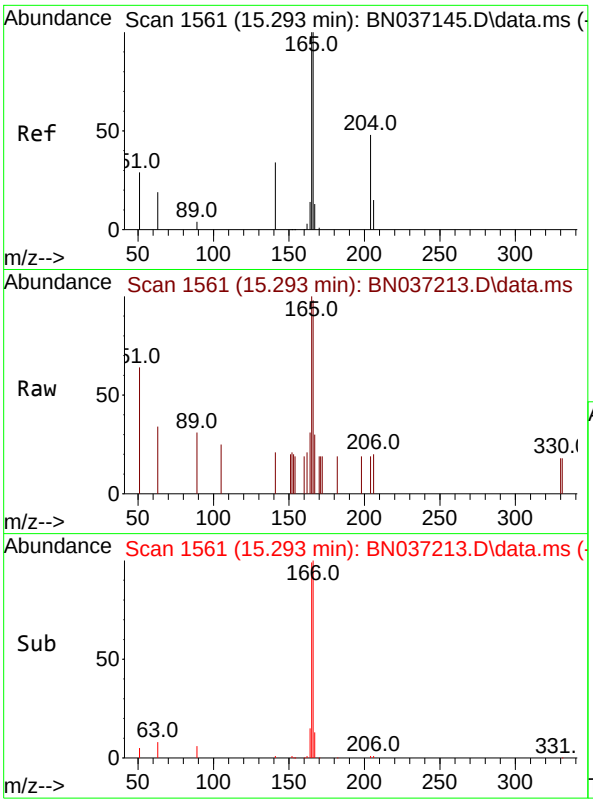


#17
Acenaphthene
Concen: 0.038 ng
RT: 14.299 min Scan# 1468
Delta R.T. -0.000 min
Lab File: BN037213.D
Acq: 10 Jun 2025 09:49

Tgt Ion:154 Resp: 316

Ion	Ratio	Lower	Upper
154	100		
153	115.2	93.8	140.8
152	65.2	50.5	75.7



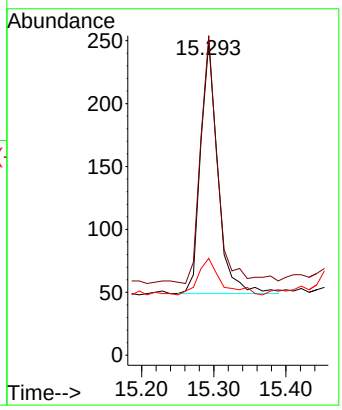


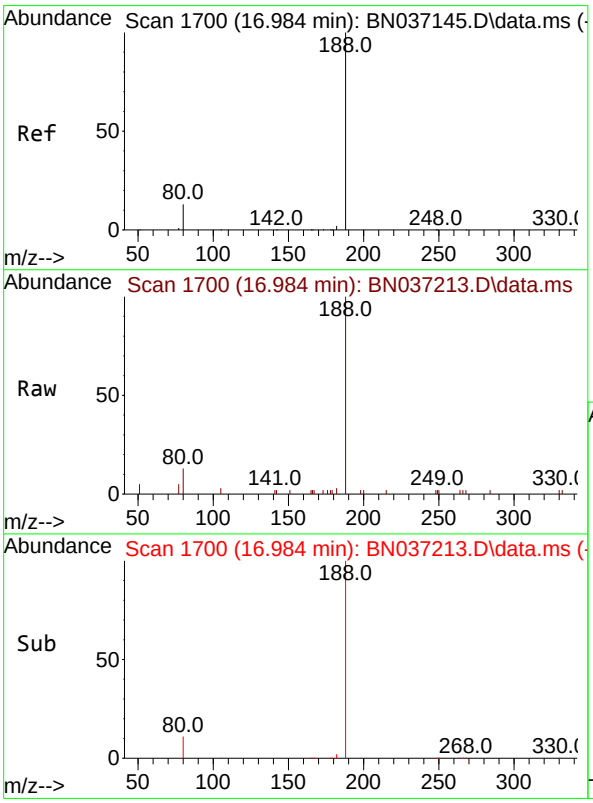
#18
Fluorene
Concen: 0.031 ng
RT: 15.293 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037213.D
Acq: 10 Jun 2025 09:49

Instrument :
BNA_N
ClientSampleId :
MW-19B-72-060425DL

Tgt Ion:166 Resp: 334

Ion	Ratio	Lower	Upper
166	100		
165	92.5	81.1	121.7
167	18.9	10.8	16.2#

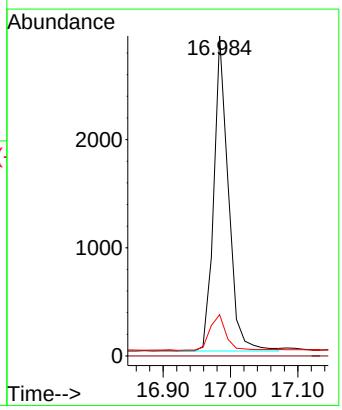


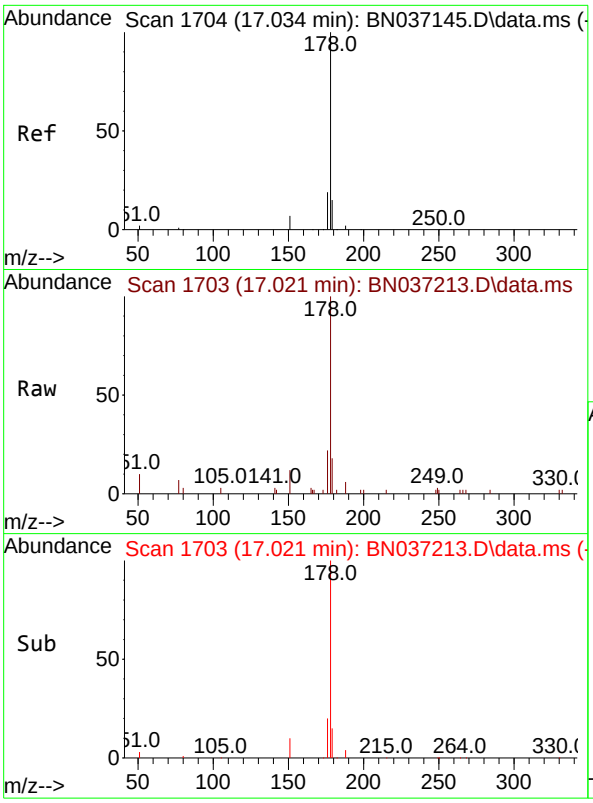


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.984 min Scan# 1700
Delta R.T. 0.000 min
Lab File: BN037213.D
Acq: 10 Jun 2025 09:49

Tgt Ion:188 Resp: 4389

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.9	11.3	16.9



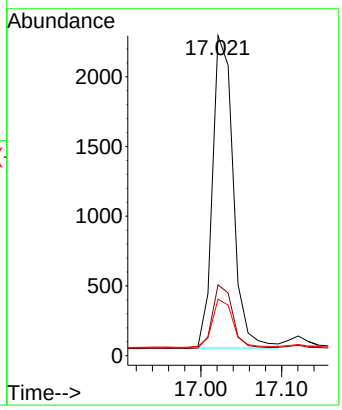


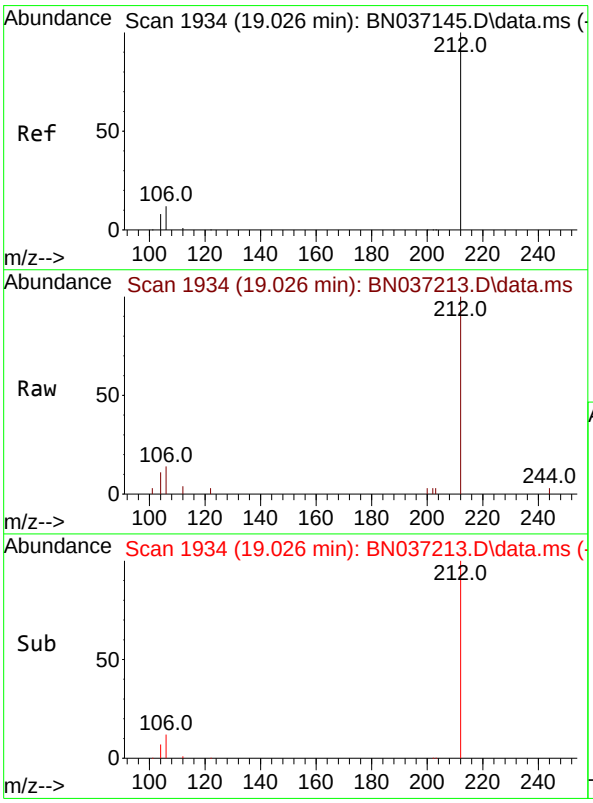
#25
Phenanthrene
Concen: 0.280 ng
RT: 17.021 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN037213.D
Acq: 10 Jun 2025 09:49

Instrument :
BNA_N
ClientSampleId :
MW-19B-72-060425DL

Tgt Ion:178 Resp: 3983

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.7	23.5
179	15.6	12.3	18.5

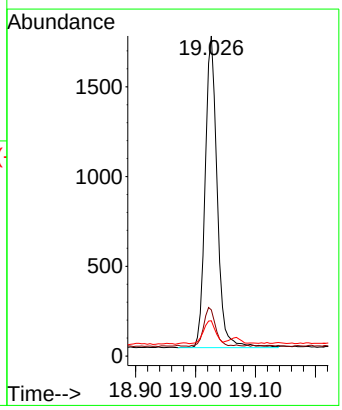


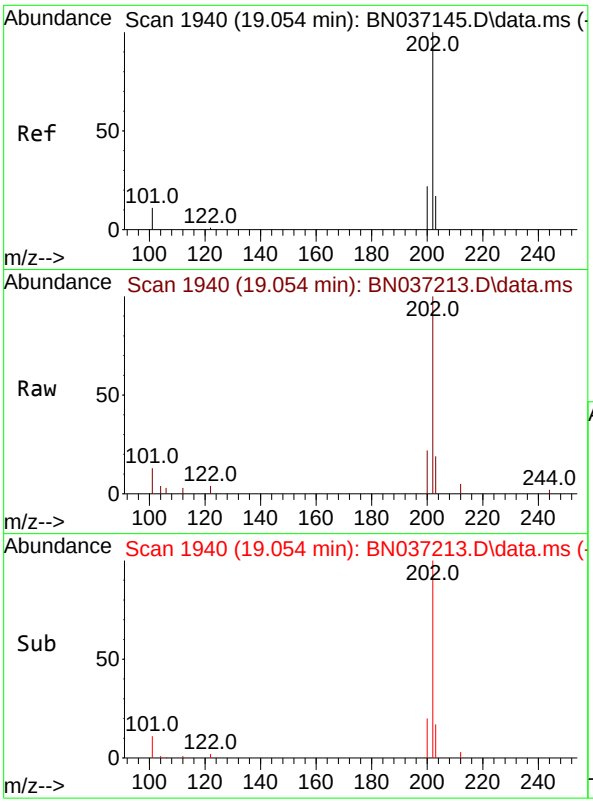


#27
Fluoranthene-d10
Concen: 0.217 ng
RT: 19.026 min Scan# 1934
Delta R.T. -0.000 min
Lab File: BN037213.D
Acq: 10 Jun 2025 09:49

Tgt Ion:212 Resp: 2415

Ion	Ratio	Lower	Upper
212	100		
106	12.3	10.6	15.8
104	7.5	6.6	9.8



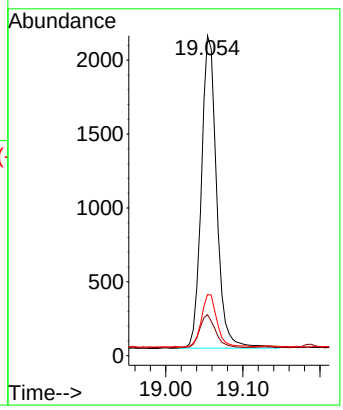


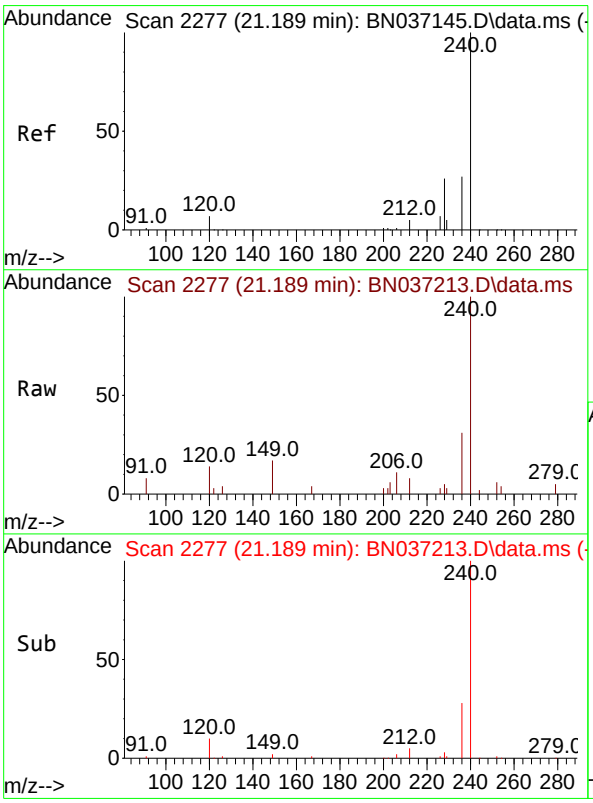
#28
Fluoranthene
Concen: 0.186 ng
RT: 19.054 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN037213.D
Acq: 10 Jun 2025 09:49

Instrument :
BNA_N
ClientSampleId :
MW-19B-72-060425DL

Tgt Ion:202 Resp: 2915

Ion	Ratio	Lower	Upper
202	100		
101	10.9	8.7	13.1
203	17.3	13.5	20.3

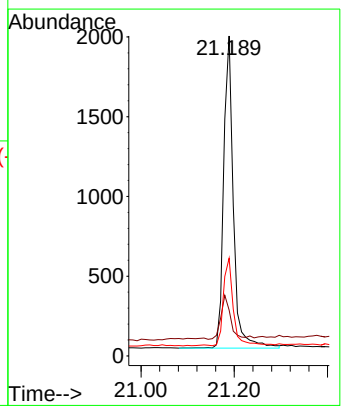


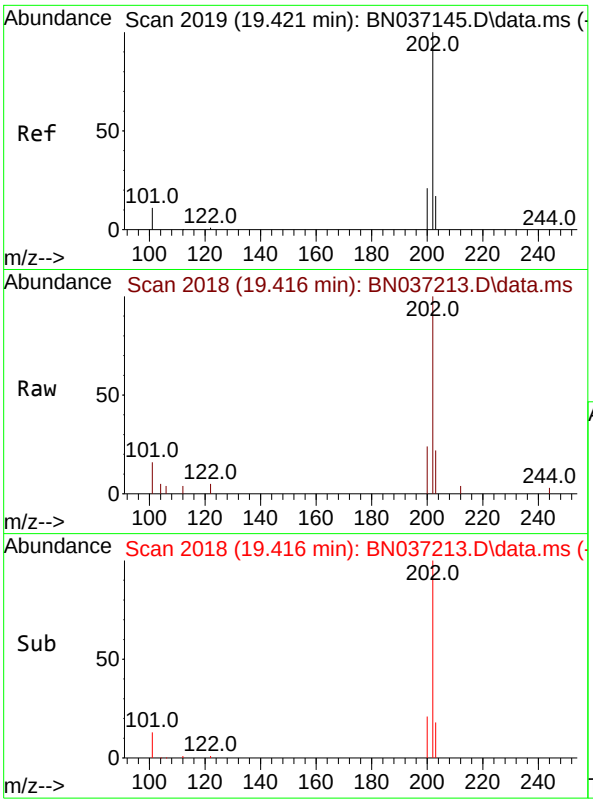


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.189 min Scan# 2277
Delta R.T. -0.000 min
Lab File: BN037213.D
Acq: 10 Jun 2025 09:49

Tgt Ion:240 Resp: 2810

Ion	Ratio	Lower	Upper
240	100		
120	14.4	9.0	13.4#
236	30.6	23.0	34.4



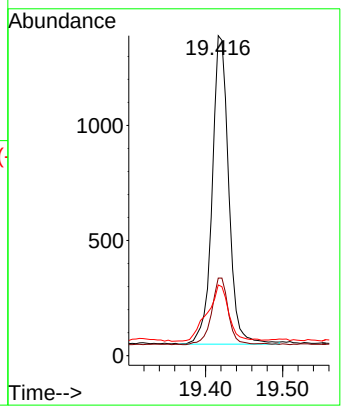


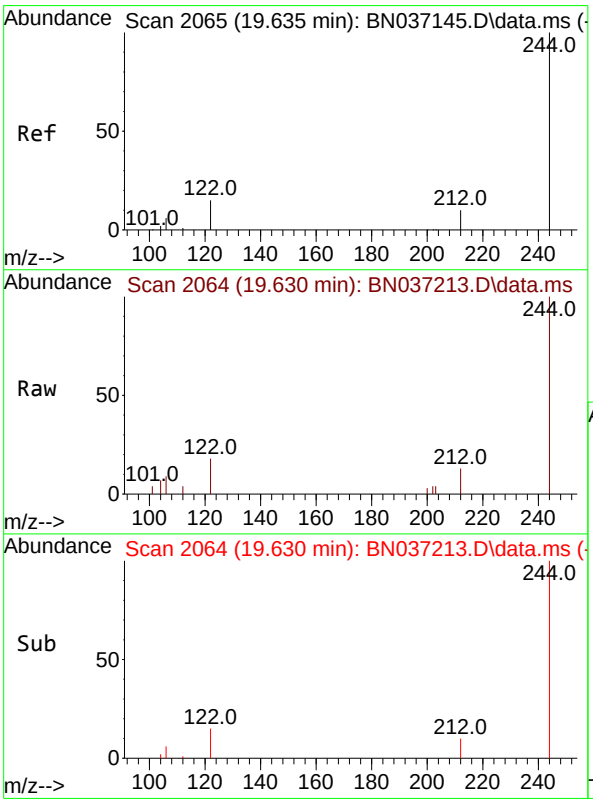
#30
Pyrene
Concen: 0.146 ng
RT: 19.416 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN037213.D
Acq: 10 Jun 2025 09:49

Instrument :
BNA_N
ClientSampleId :
MW-19B-72-060425DL

Tgt Ion:202 Resp: 1996

Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.0	25.6
203	23.7	14.2	21.4#

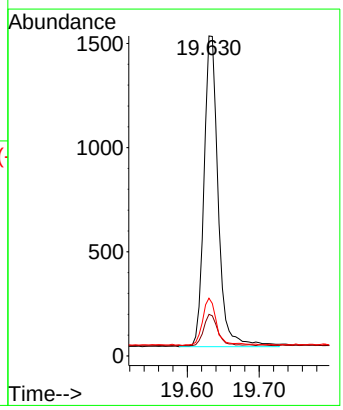




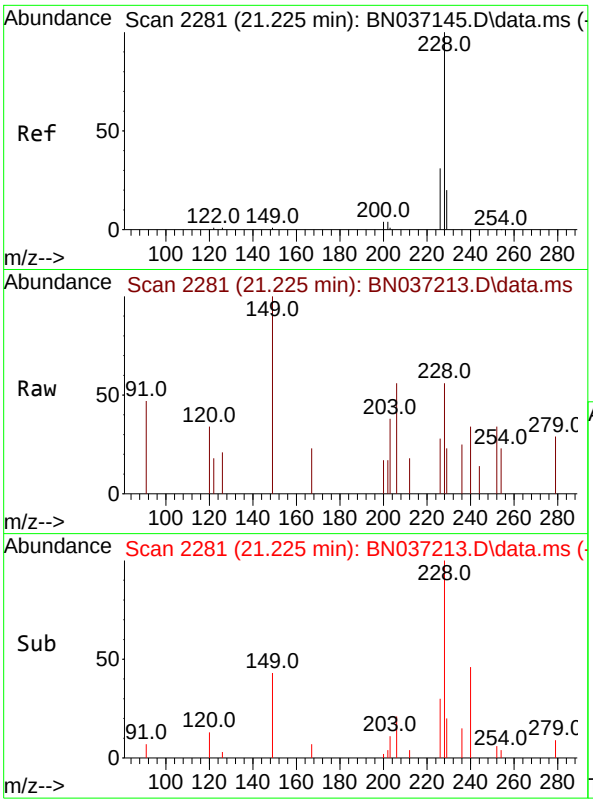
#31
Terphenyl-d14
Concen: 0.308 ng
RT: 19.630 min Scan# 2064
Delta R.T. -0.005 min
Lab File: BN037213.D
Acq: 10 Jun 2025 09:49

Tgt Ion:244 Resp: 2038

Ion	Ratio	Lower	Upper
244	100		
212	13.0	10.0	15.0
122	18.0	13.2	19.8



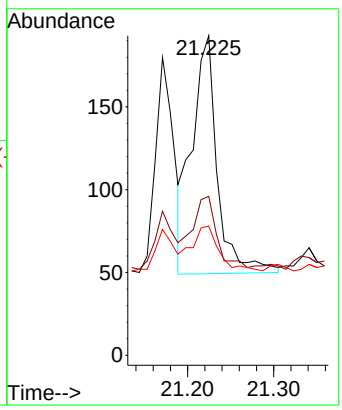
Instrument :
BNA_N
ClientSampleId :
MW-19B-72-060425DL

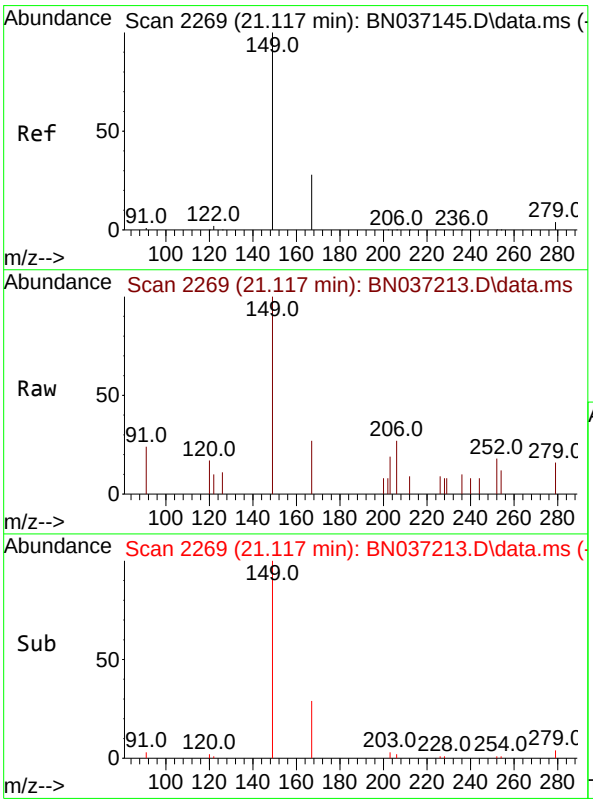


#33
Chrysene
Concen: 0.026 ng
RT: 21.225 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN037213.D
Acq: 10 Jun 2025 09:49

Tgt Ion:228 Resp: 295

Ion	Ratio	Lower	Upper
228	100		
226	49.7	25.2	37.8#
229	40.4	16.8	25.2#

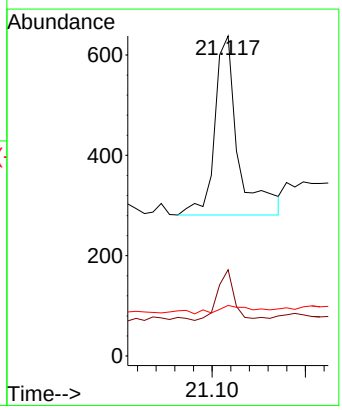


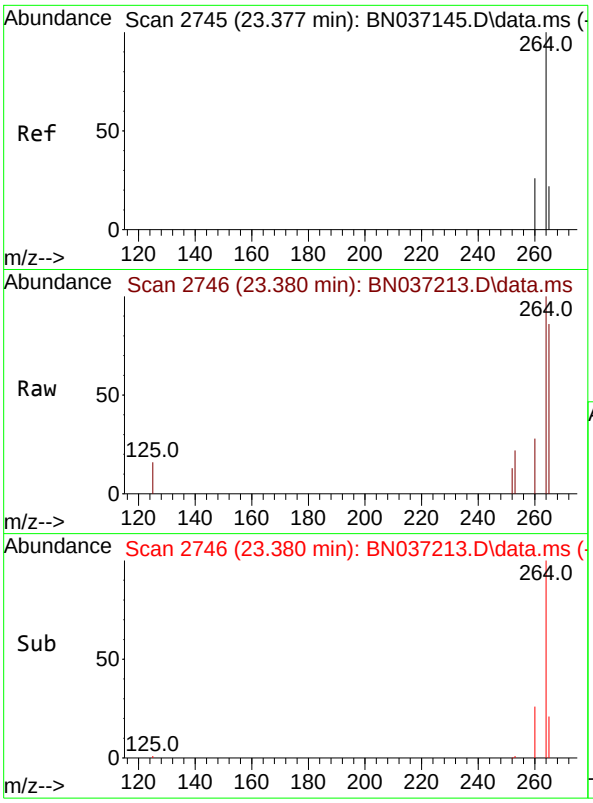


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.097 ng
RT: 21.117 min Scan# 2269
Delta R.T. -0.000 min
Lab File: BN037213.D
Acq: 10 Jun 2025 09:49

Tgt Ion:149 Resp: 620

Ion	Ratio	Lower	Upper
149	100		
167	20.0	21.0	31.4#
279	7.6	2.9	4.3#



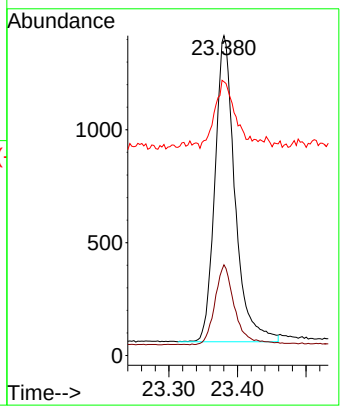


#35
Perylene-d12
Concen: 0.400 ng
RT: 23.380 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN037213.D
Acq: 10 Jun 2025 09:49

Instrument :
BNA_N
ClientSampleId :
MW-19B-72-060425DL

Tgt Ion:264 Resp: 2751

Ion	Ratio	Lower	Upper
264	100		
260	28.4	22.1	33.1
265	85.6	55.8	83.8#



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

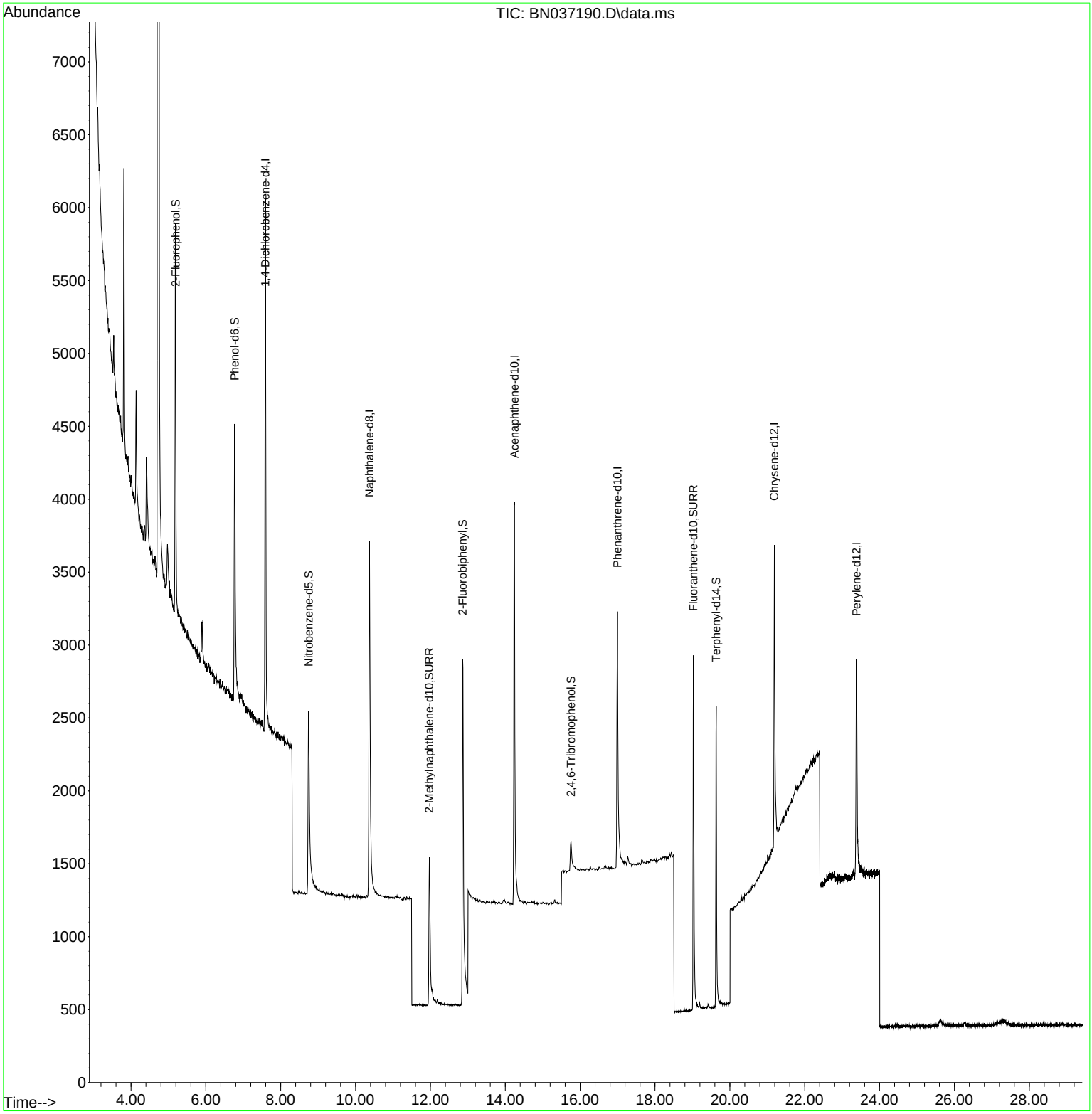
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.589	152	1816	0.400	ng	0.00
7) Naphthalene-d8	10.372	136	4227	0.400	ng	# 0.00
13) Acenaphthene-d10	14.245	164	2101	0.400	ng	0.01
19) Phenanthrene-d10	16.996	188	3500	0.400	ng	0.01
29) Chrysene-d12	21.189	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

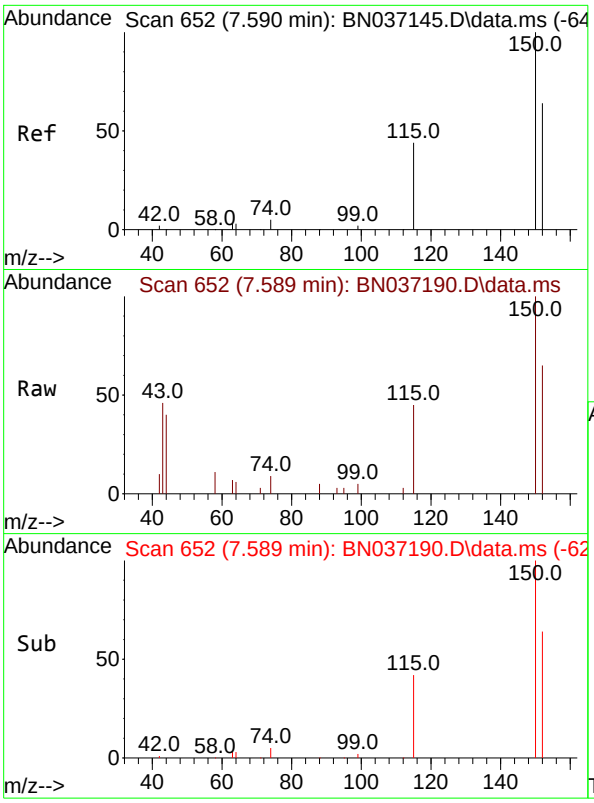
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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



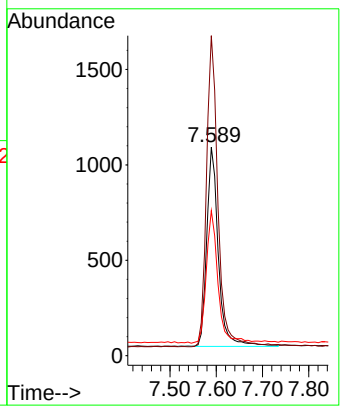


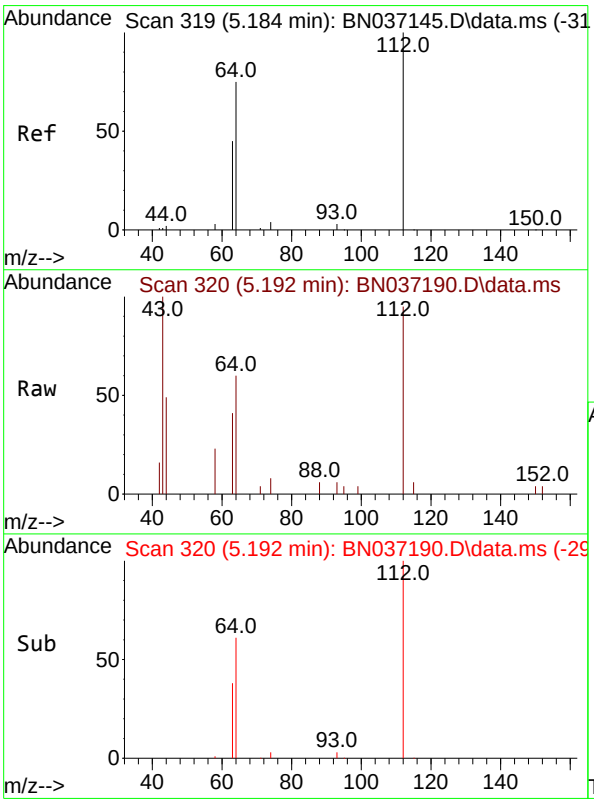
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.589 min Scan# 6
Delta R.T. -0.001 min
Lab File: BN037190.D
Acq: 09 Jun 2025 11:30

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

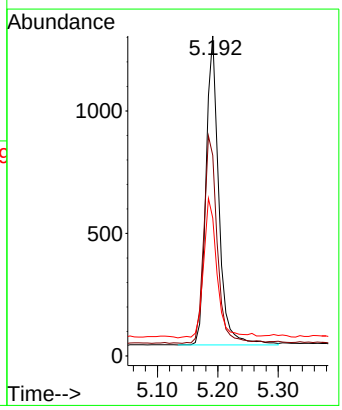


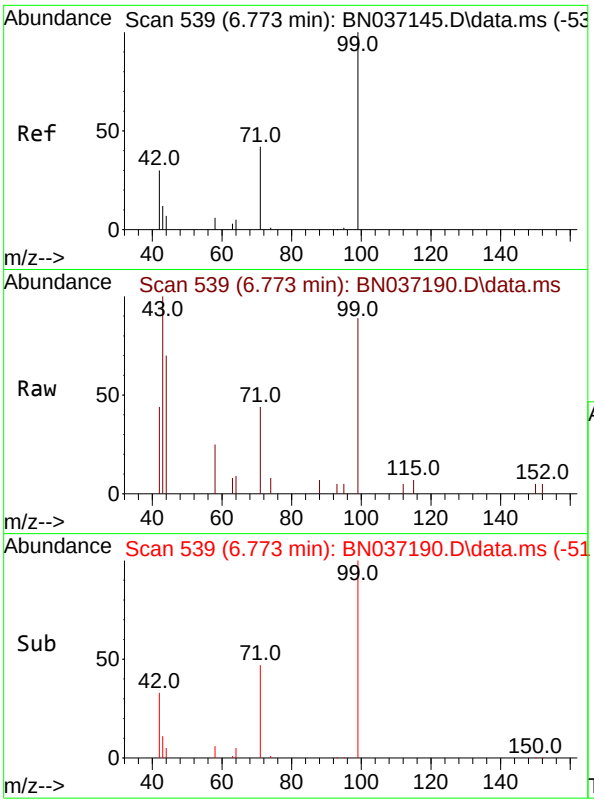


#4
2-Fluorophenol
Concen: 0.416 ng
RT: 5.192 min Scan# 320
Delta R.T. 0.007 min
Lab File: BN037190.D
Acq: 09 Jun 2025 11:30

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



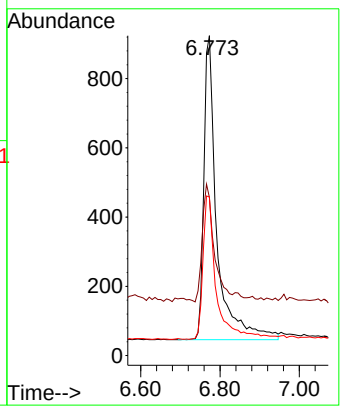


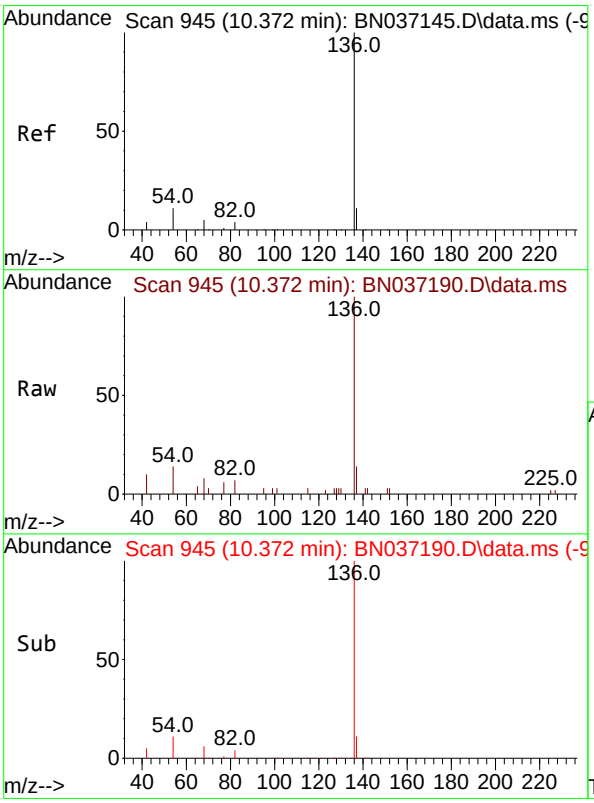
#5
Phenol-d6
Concen: 0.366 ng
RT: 6.773 min Scan# 5
Delta R.T. -0.000 min
Lab File: BN037190.D
Acq: 09 Jun 2025 11:30

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

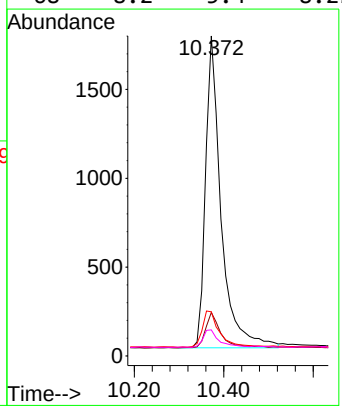


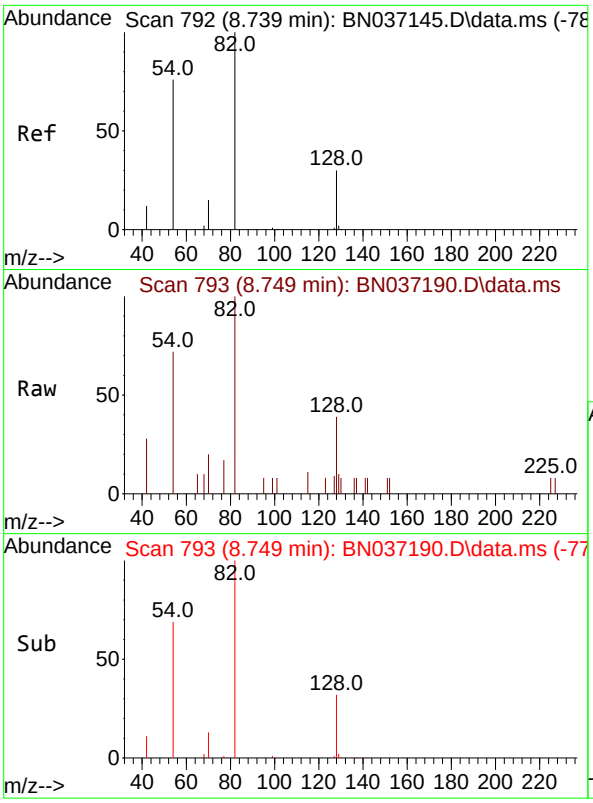


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.372 min Scan# 945
Delta R.T. -0.000 min
Lab File: BN037190.D
Acq: 09 Jun 2025 11:30

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#



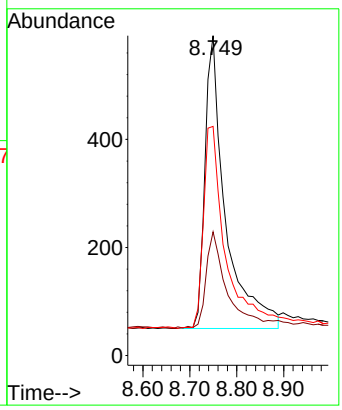


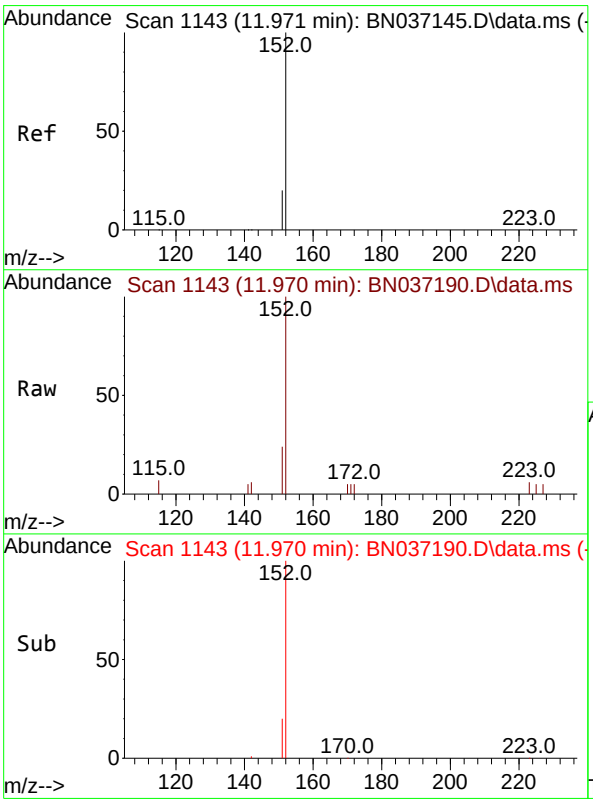
#8
Nitrobenzene-d5
Concen: 0.369 ng
RT: 8.749 min Scan# 7
Delta R.T. 0.011 min
Lab File: BN037190.D
Acq: 09 Jun 2025 11:30

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

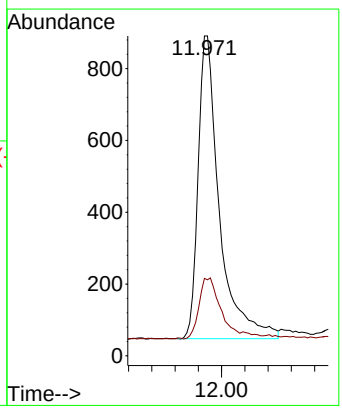


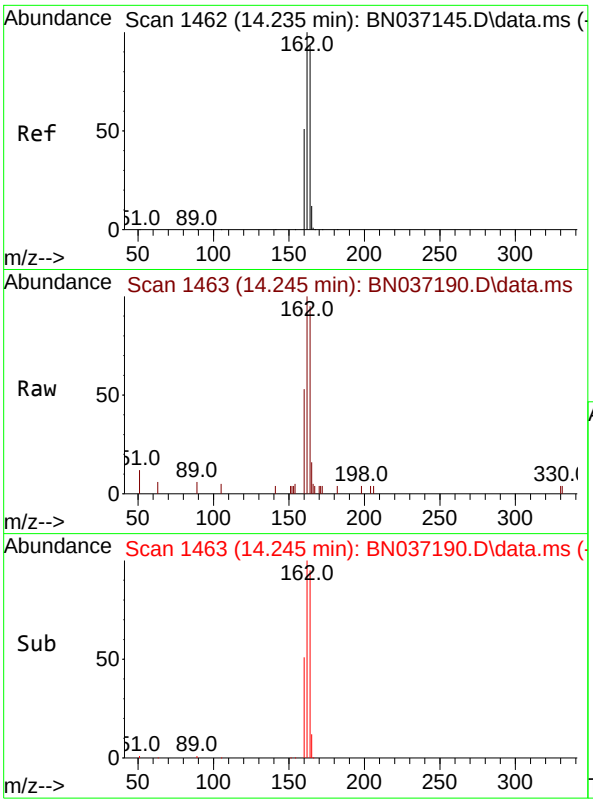


#11
2-Methylnaphthalene-d10
Concen: 0.364 ng
RT: 11.970 min Scan# 1143
Delta R.T. -0.000 min
Lab File: BN037190.D
Acq: 09 Jun 2025 11:30

Tgt Ion:152 Resp: 2143

Ion	Ratio	Lower	Upper
152	100		
151	21.8	17.1	25.7



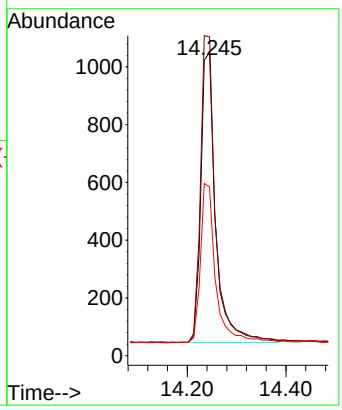


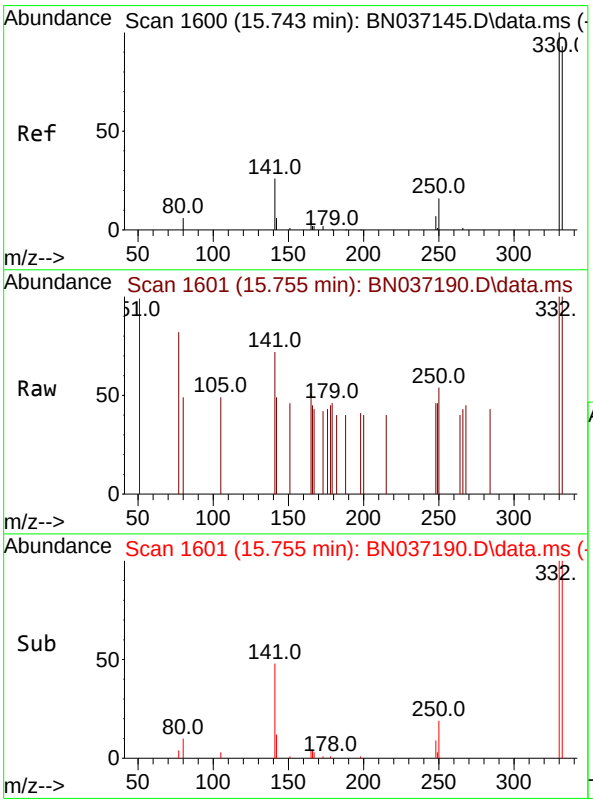
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.245 min Scan# 14
Delta R.T. 0.011 min
Lab File: BN037190.D
Acq: 09 Jun 2025 11:30

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

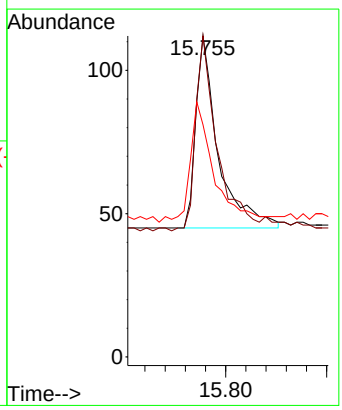


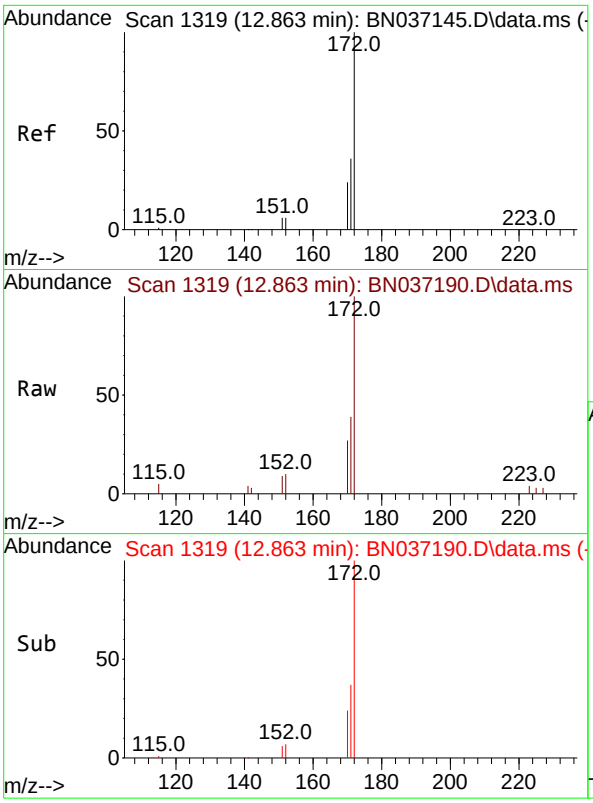


#14
2,4,6-Tribromophenol
Concen: 0.245 ng
RT: 15.755 min Scan# 1601
Delta R.T. 0.012 min
Lab File: BN037190.D
Acq: 09 Jun 2025 11:30

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



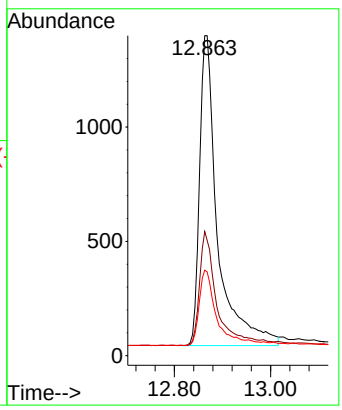


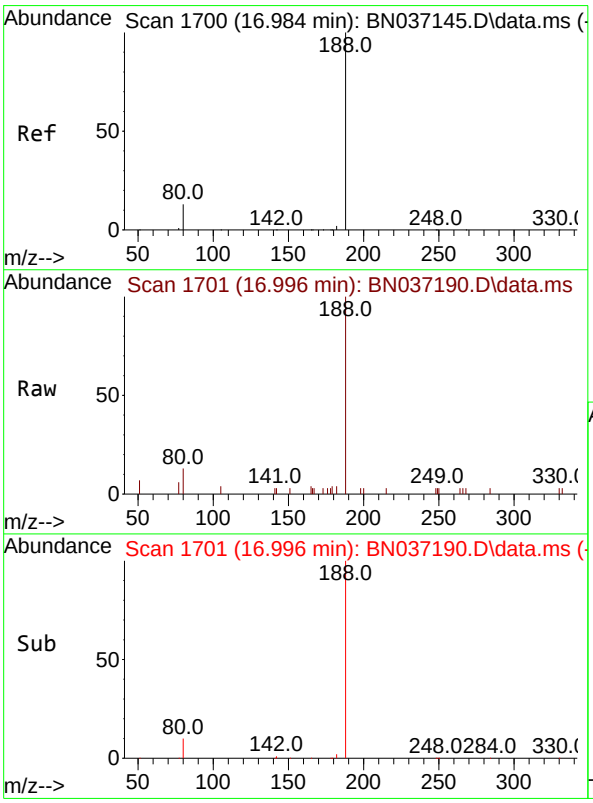
#15
2-Fluorobiphenyl
Concen: 0.404 ng
RT: 12.863 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037190.D
Acq: 09 Jun 2025 11:30

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

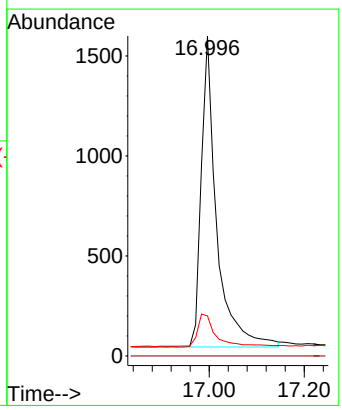


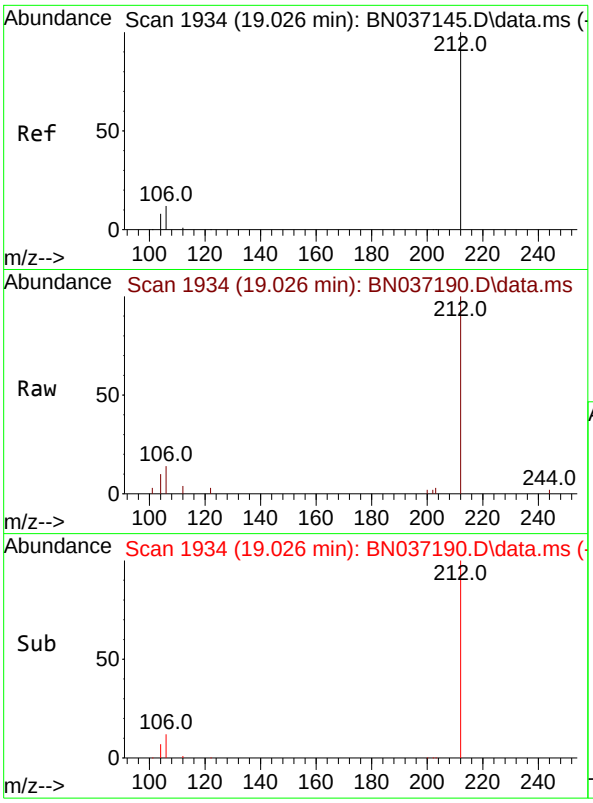


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.996 min Scan# 1701
Delta R.T. 0.012 min
Lab File: BN037190.D
Acq: 09 Jun 2025 11:30

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



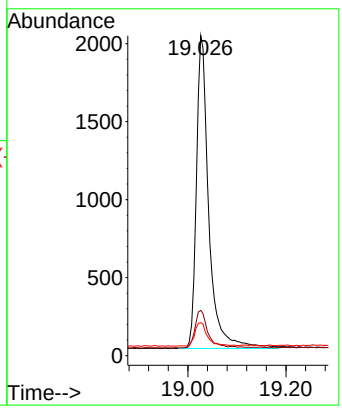


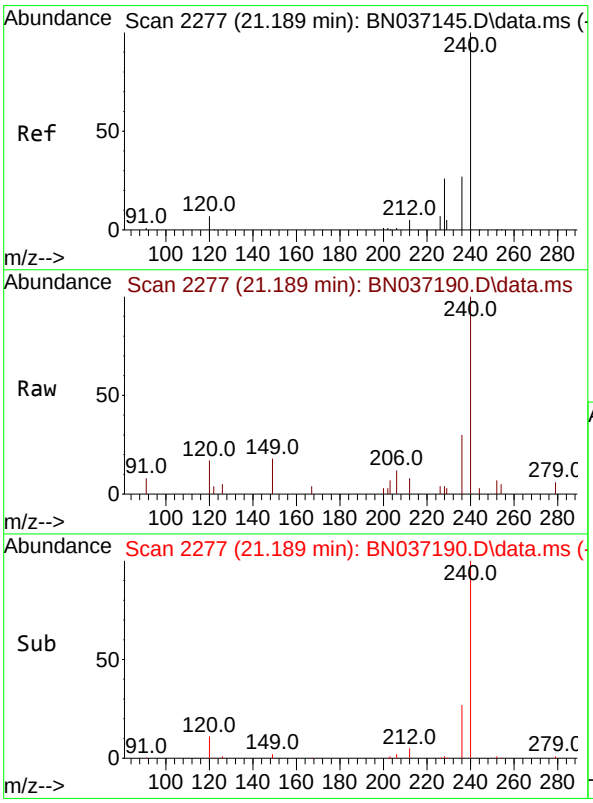
#27
Fluoranthene-d10
Concen: 0.395 ng
RT: 19.026 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN037190.D
Acq: 09 Jun 2025 11:30

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

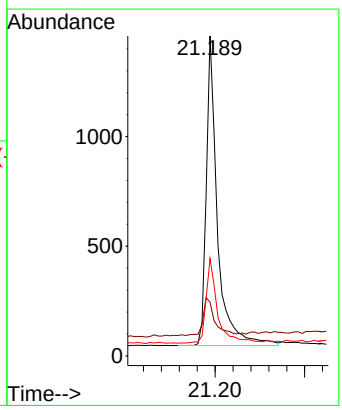


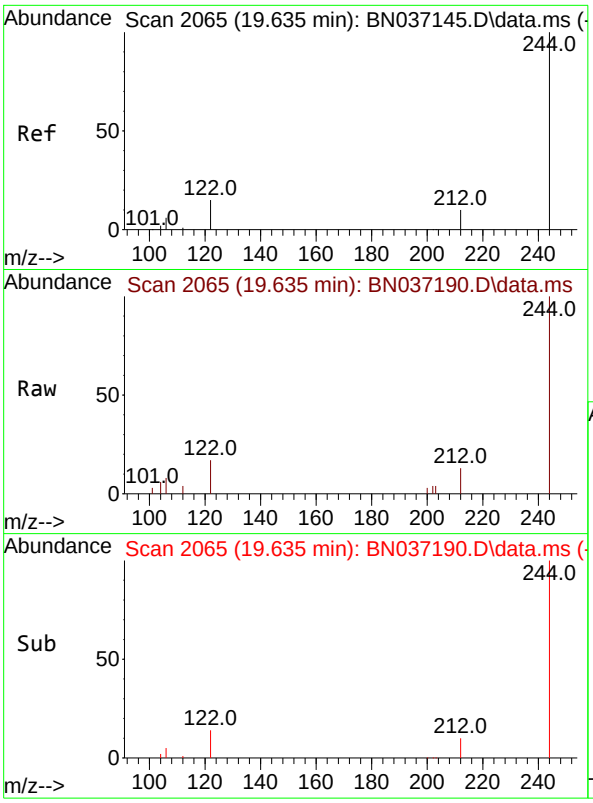


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.189 min Scan# 2277
Delta R.T. -0.000 min
Lab File: BN037190.D
Acq: 09 Jun 2025 11:30

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



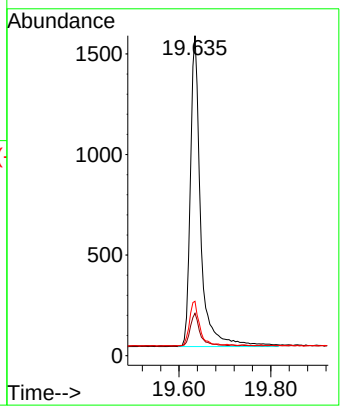


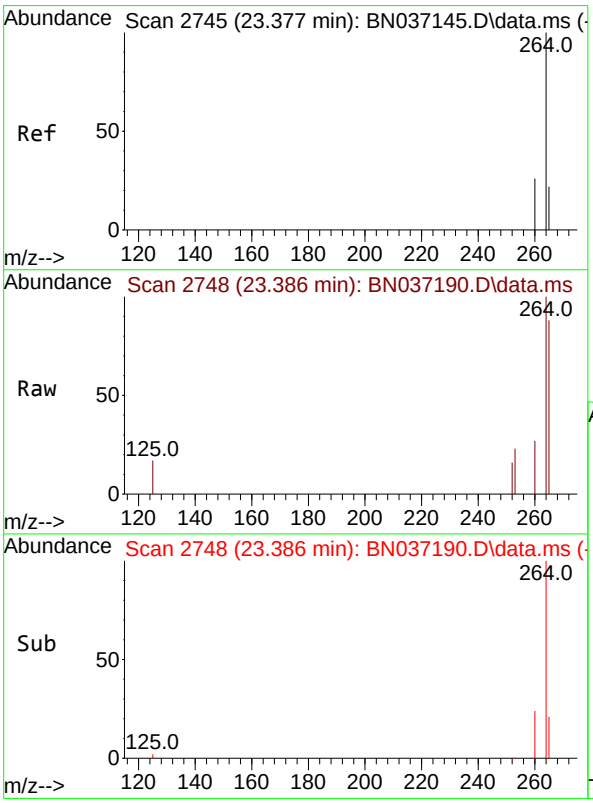
#31
Terphenyl-d14
Concen: 0.420 ng
RT: 19.635 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN037190.D
Acq: 09 Jun 2025 11:30

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

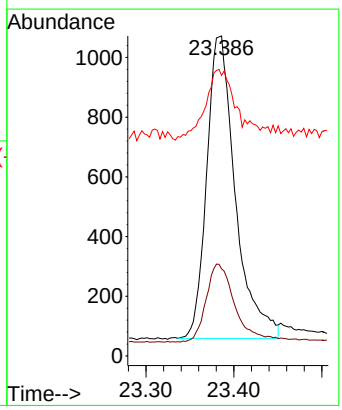




#35
Perylene-d12
Concen: 0.400 ng
RT: 23.386 min Scan# 2748
Delta R.T. 0.009 min
Lab File: BN037190.D
Acq: 09 Jun 2025 11:30

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

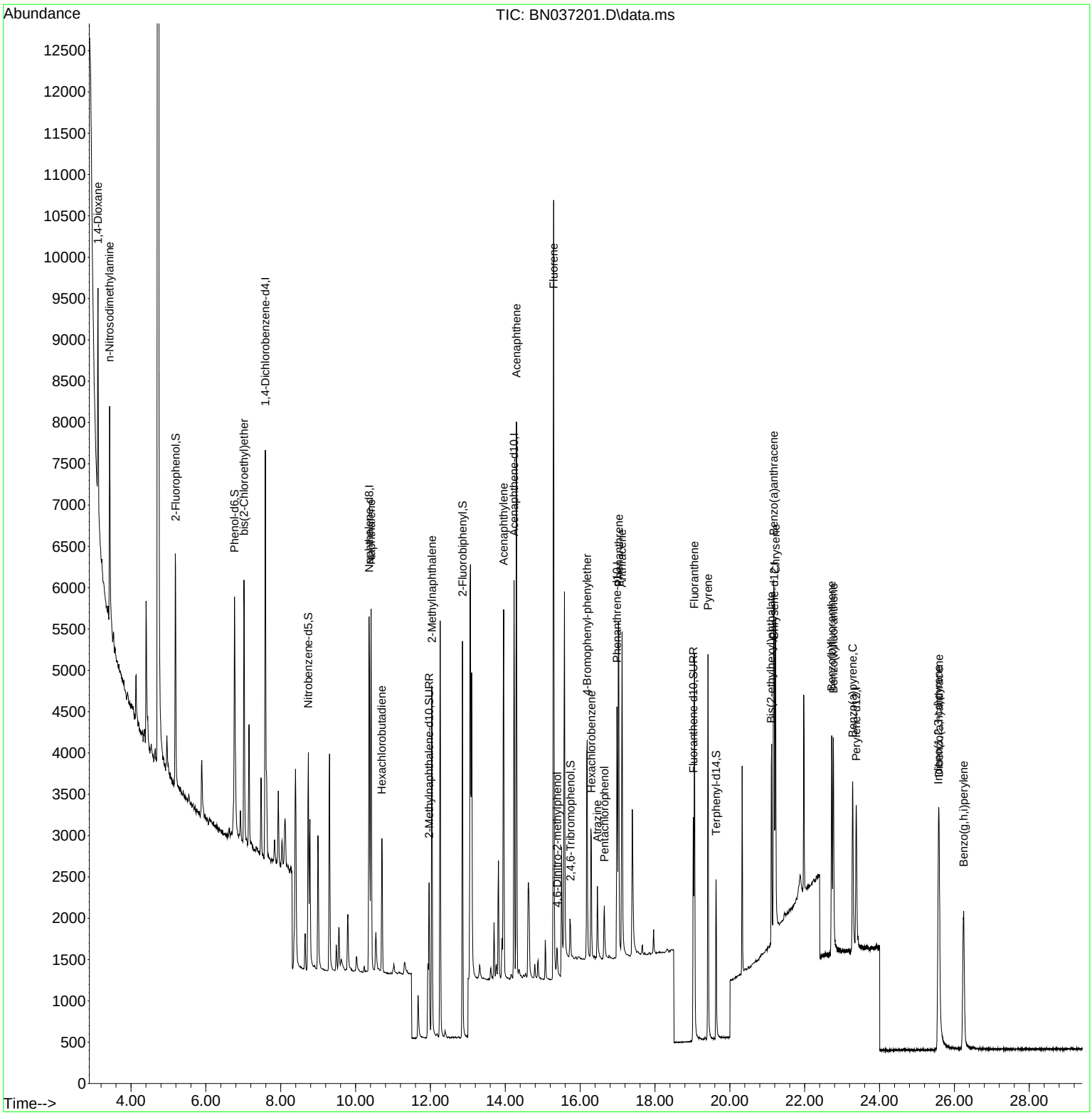
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.589	152	2227	0.400	ng	0.00
7) Naphthalene-d8	10.361	136	5466	0.400	ng	#-0.01
13) Acenaphthene-d10	14.234	164	2607	0.400	ng	0.00
19) Phenanthrene-d10	16.984	188	4253	0.400	ng	0.00
29) Chrysene-d12	21.188	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

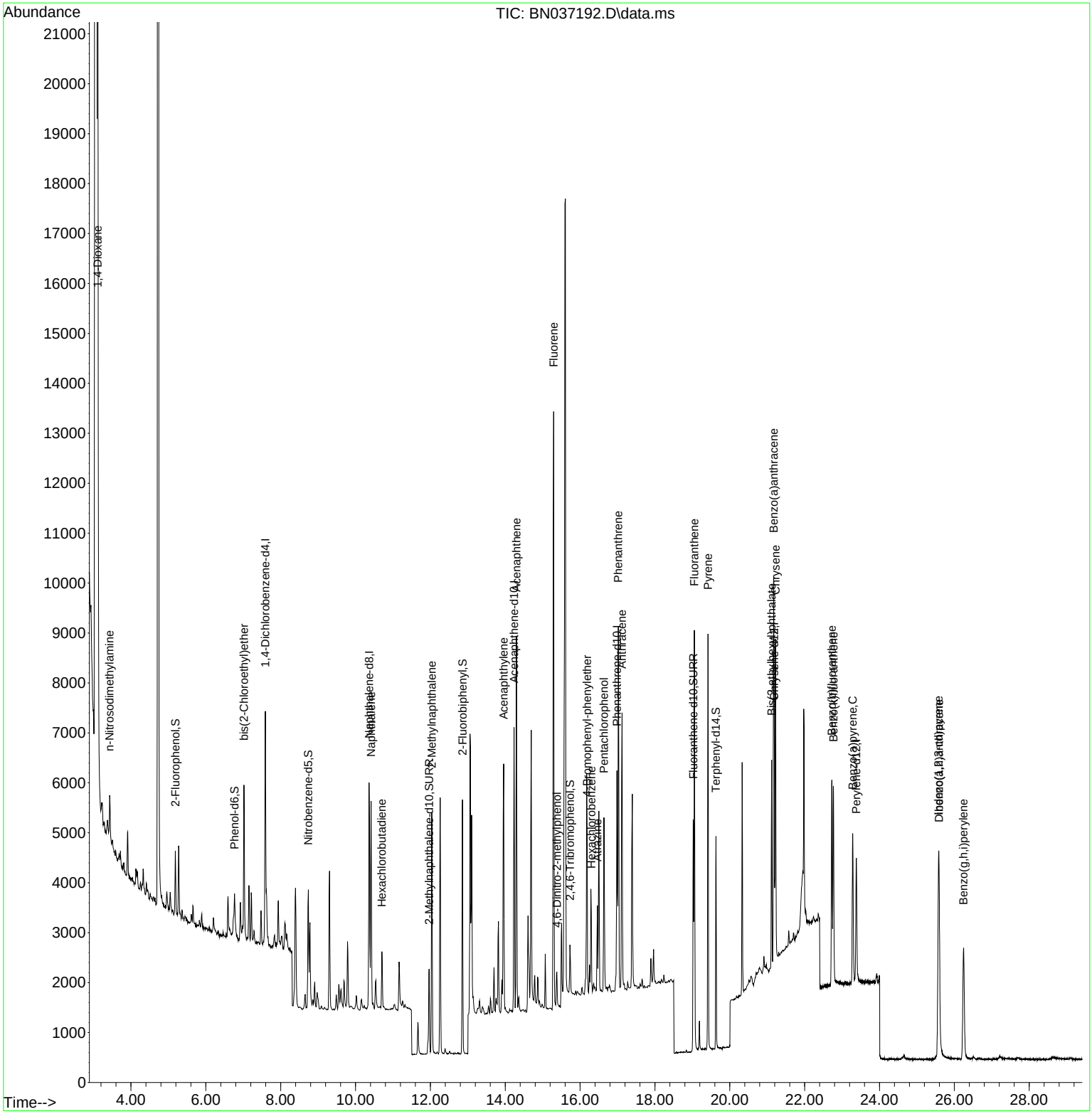
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060925\
Data File : BN037192.D
Acq On : 09 Jun 2025 14:33
Operator : RC/JU
Sample : Q2250-02MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

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

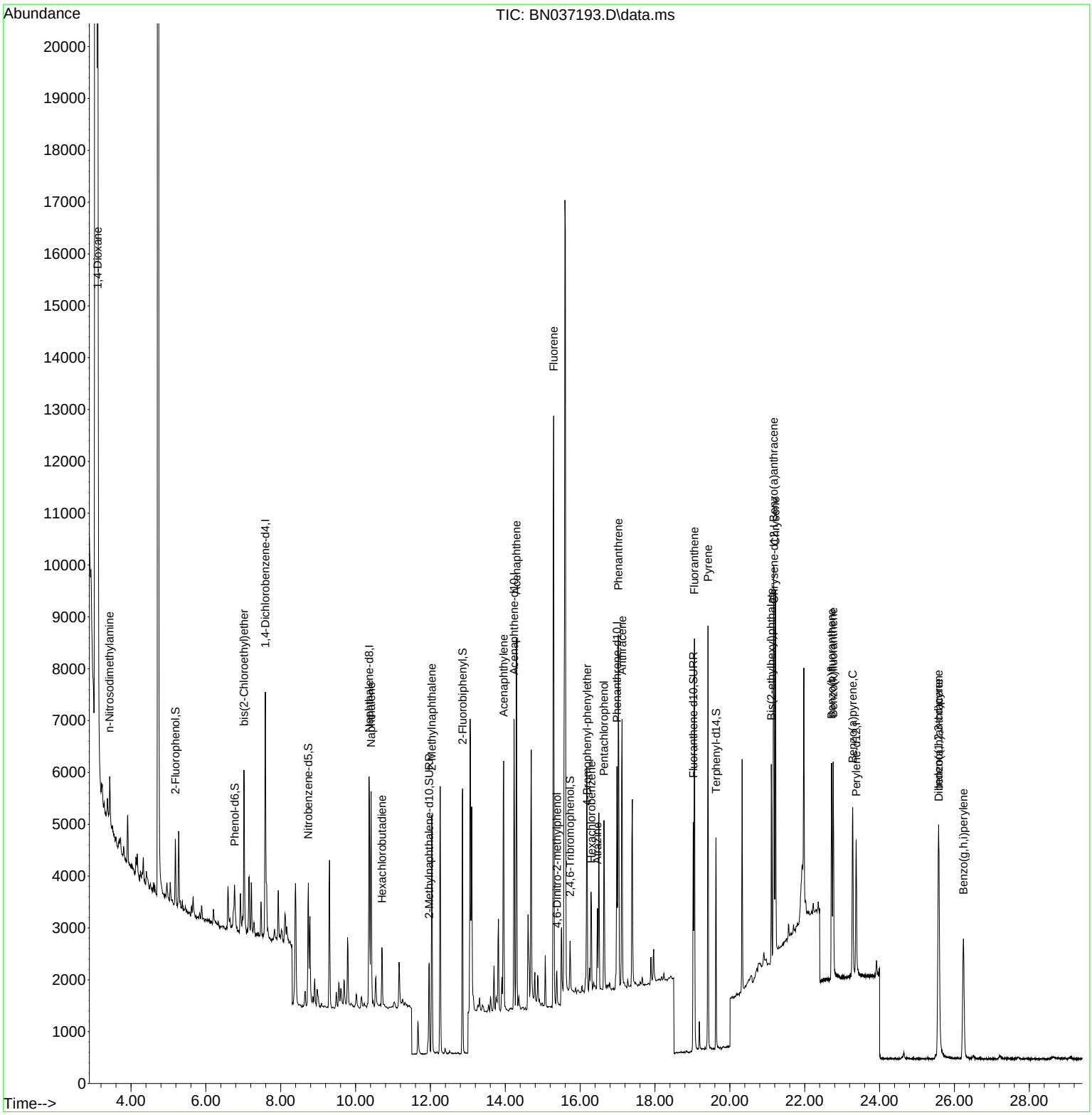
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060925\
Data File : BN037193.D
Acq On : 09 Jun 2025 15:47
Operator : RC/JU
Sample : Q2250-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

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

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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

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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

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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

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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

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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

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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

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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

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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

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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.**

Q2234 608236 11:57

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

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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)

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LAB CHRONICLE

OrderID:	Q2234	**OrderDate:**	6/5/2025 10:52:00 AM
Client:	JACOBS Engineering Group, Inc.	**Project:**	Former Schlumberger STC PTC Site D3868221
Contact:	John Ynfante	**Location:**	N31,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2234-01	**MW-17B-55-060425**	**Water**			**06/04/25**			**06/05/25**
			SVOC-SIMGroup1	8270-Modified		06/06/25	06/10/25	
Q2234-05	**MW-18B-56-060425**	**Water**			**06/04/25**			**06/05/25**
			SVOC-SIMGroup1	8270-Modified		06/06/25	06/10/25	
Q2234-06	**MW-18B-56-060425-FD**	**Water**			**06/04/25**			**06/05/25**
			SVOC-SIMGroup1	8270-Modified		06/06/25	06/10/25	
Q2234-07	**MW-19B-72-060425**	**Water**			**06/04/25**			**06/05/25**
			SVOC-SIMGroup1	8270-Modified		06/06/25	06/10/25	
Q2234-07DL	**MW-19B-72-060425DL**	**Water**			**06/04/25**			**06/05/25**
			SVOC-SIMGroup1	8270-Modified		06/06/25	06/10/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2234 **Order ID:** Q2234

Client: JACOBS Engineering Group, Inc. **Project ID:** Former Schlumberger STC PTC Site D386

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : MW-17B-55-060425								
Q2234-08	MW-17B-55-060425	Water	Iron	6980		7.81	50.0	ug/L
Client ID : MW-18B-56-060425								
Q2234-11	MW-18B-56-060425	Water	Iron	640		7.81	50.0	ug/L
Client ID : MW-18B-56-060425-FD								
Q2234-12	MW-18B-56-060425-FD	Water	Iron	673		7.81	50.0	ug/L
Client ID : MW-19B-72-060425								
Q2234-13	MW-19B-72-060425	Water	Iron	22400		7.81	50.0	ug/L

SAMPLE DATA

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Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	06/04/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	06/05/25
Client Sample ID:	MW-17B-55-060425	SDG No.:	Q2234
Lab Sample ID:	Q2234-01	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.
7440-22-4	Silver	0.060	UN	1	0.060	1.00	ug/L	06/09/25 12:20	06/11/25 20:09	6020B	3010A

Color Before:	Colorless	Clarity Before:	Clear	Texture:	
Color After:	Colorless	Clarity After:	Clear	Artifacts:	
Comments:	Metals Group4				

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

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Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	06/04/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	06/05/25
Client Sample ID:	MW-18B-56-060425	SDG No.:	Q2234
Lab Sample ID:	Q2234-05	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.
7440-22-4	Silver	0.060	UN	1	0.060	1.00	ug/L	06/09/25 12:20	06/11/25 20:28	6020B	3010A

Color Before:	Colorless	Clarity Before:	Clear	Texture:	
Color After:	Colorless	Clarity After:	Clear	Artifacts:	
Comments:	Metals Group4				

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
D = Dilution
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J = Estimated Value
B = Analyte Found in Associated Method Blank
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E = Indicates the reported value is estimated because of the presence of interference.
OR = Over Range
N =Spiked sample recovery not within control limits

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Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	06/04/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	06/05/25
Client Sample ID:	MW-18B-56-060425-FD	SDG No.:	Q2234
Lab Sample ID:	Q2234-06	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.
7440-22-4	Silver	0.060	UN	1	0.060	1.00	ug/L	06/09/25 12:20	06/11/25 20:31	6020B	3010A

Color Before:	Colorless	Clarity Before:	Clear	Texture:	
Color After:	Colorless	Clarity After:	Clear	Artifacts:	
Comments:	Metals Group4				

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

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Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	06/04/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	06/05/25
Client Sample ID:	MW-19B-72-060425	SDG No.:	Q2234
Lab Sample ID:	Q2234-07	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.
7440-22-4	Silver	0.060	UN	1	0.060	1.00	ug/L	06/09/25 12:20	06/11/25 20:44	6020B	3010A

Color Before:	Colorless	Clarity Before:	Clear	Texture:	
Color After:	Colorless	Clarity After:	Clear	Artifacts:	
Comments:	Metals Group4				

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

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Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	06/04/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	06/05/25
Client Sample ID:	MW-17B-55-060425	SDG No.:	Q2234
Lab Sample ID:	Q2234-08	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.
7439-89-6	Iron	6980		1	7.81	50.0	ug/L	06/09/25 12:20	06/11/25 20:47	6020B	3010A

Color Before:	Colorless	Clarity Before:	Clear	Texture:	
Color After:	Colorless	Clarity After:	Clear	Artifacts:	
Comments:	Dissolved Metals Group3				

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

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Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	06/04/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	06/05/25
Client Sample ID:	MW-18B-56-060425	SDG No.:	Q2234
Lab Sample ID:	Q2234-11	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.
7439-89-6	Iron	640		1	7.81	50.0	ug/L	06/09/25 12:20	06/11/25 21:06	6020B	3010A

Color Before:	Colorless	Clarity Before:	Clear	Texture:	
Color After:	Colorless	Clarity After:	Clear	Artifacts:	
Comments:	Dissolved Metals Group3				

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

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Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	06/04/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	06/05/25
Client Sample ID:	MW-18B-56-060425-FD	SDG No.:	Q2234
Lab Sample ID:	Q2234-12	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.
7439-89-6	Iron	673		1	7.81	50.0	ug/L	06/09/25 12:20	06/11/25 21:10	6020B	3010A

Color Before:	Colorless	Clarity Before:	Clear	Texture:	
Color After:	Colorless	Clarity After:	Clear	Artifacts:	

Comments: Dissolved Metals Group3

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

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Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	06/04/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	06/05/25
Client Sample ID:	MW-19B-72-060425	SDG No.:	Q2234
Lab Sample ID:	Q2234-13	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.
7439-89-6	Iron	22400		1	7.81	50.0	ug/L	06/09/25 12:20	06/11/25 21:13	6020B	3010A

Color Before:	Colorless	Clarity Before:	Clear	Texture:	
Color After:	Colorless	Clarity After:	Clear	Artifacts:	

Comments: Dissolved Metals Group3

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

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: JACOBS Engineering Group, Inc. **SDG No.:** Q2234

Contract: JACO05 **Lab Code:** CHEM **Case No.:** Q2234 **SAS No.:** Q2234

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Iron	7.81	+/-25	U	50.0	P	06/11/2025	19:07	LB136121
	Silver	0.060	+/-0.5	U	1.00	P	06/11/2025	19:07	LB136121

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Metals

- 3a -

INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: JACOBS Engineering Group, Inc. **SDG No.:** Q2234

Contract: JACO05 **Lab Code:** CHEM **Case No.:** Q2234 **SAS No.:** Q2234

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB01	Iron	7.81	+/-25	U	50.0	P	06/11/2025	19:35	LB136121
	Silver	0.060	+/-0.5	U	1.00	P	06/11/2025	19:35	LB136121
CCB02	Iron	7.81	+/-25	U	50.0	P	06/11/2025	19:58	LB136121
	Silver	0.060	+/-0.5	U	1.00	P	06/11/2025	19:58	LB136121
CCB03	Iron	7.81	+/-25	U	50.0	P	06/11/2025	20:41	LB136121
	Silver	0.060	+/-0.5	U	1.00	P	06/11/2025	20:41	LB136121
CCB04	Iron	7.81	+/-25	U	50.0	P	06/11/2025	21:23	LB136121
	Silver	0.060	+/-0.5	U	1.00	P	06/11/2025	21:23	LB136121
CCB05	Iron	7.81	+/-25	U	50.0	P	06/11/2025	21:45	LB136121
	Silver	0.060	+/-0.5	U	1.00	P	06/11/2025	21:45	LB136121

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Metals
- 3b -
PREPARATION BLANK SUMMARY

Client: JACOBS Engineering Group, Inc. **SDG No.:** Q2234

Instrument: P7

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis Date	Analysis Time	Run
PB168360BL		**WATER**		**Batch Number:**	**PB168360**		**Prep Date:**	**06/09/2025**	
	Iron	7.81	<25	U	50.0	P	06/11/2025	20:02	LB136121
	Silver	0.060	<0.5	U	1.00	P	06/11/2025	20:02	LB136121

METAL CALIBRATION DATA

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: JACOBS Engineering Group, Inc. **SDG No.:** Q2234

Contract: JACO05 **Lab Code:** CHEM **Case No.:** Q2234 **SAS No.:** Q2234

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
ICV01	Iron	2000	2000	100	90 - 110	P	06/11/2025	18:48	LB136121
	Silver	46.7	50.0	93	90 - 110	P	06/11/2025	18:48	LB136121

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: JACOBS Engineering Group, Inc. **SDG No.:** Q2234

Contract: JACO05 **Lab Code:** CHEM **Case No.:** Q2234 **SAS No.:** Q2234

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
LLICV01	Iron	52.6	50.0	105	80 - 120	P	06/11/2025	19:00	LB136121
	Silver	1.07	1.0	107	80 - 120	P	06/11/2025	19:00	LB136121

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Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: JACOBS Engineering Group, Inc. **SDG No.:** Q2234

Contract: JACO05 **Lab Code:** CHEM **Case No.:** Q2234 **SAS No.:** Q2234

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
CCV01	Iron	127000	125000	102	90 - 110	P	06/11/2025	19:29	LB136121
	Silver	536	500	107	90 - 110	P	06/11/2025	19:29	LB136121
CCV02	Iron	130000	125000	104	90 - 110	P	06/11/2025	19:52	LB136121
	Silver	515	500	103	90 - 110	P	06/11/2025	19:52	LB136121
CCV03	Iron	129000	125000	103	90 - 110	P	06/11/2025	20:35	LB136121
	Silver	505	500	101	90 - 110	P	06/11/2025	20:35	LB136121
CCV04	Iron	128000	125000	103	90 - 110	P	06/11/2025	21:16	LB136121
	Silver	509	500	102	90 - 110	P	06/11/2025	21:16	LB136121
CCV05	Iron	128000	125000	103	90 - 110	P	06/11/2025	21:34	LB136121
	Silver	525	500	105	90 - 110	P	06/11/2025	21:34	LB136121

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Metals

- 2b -
CRDL STANDARD FOR AA & ICP

Client: JACOBS Engineering Group, Inc. **SDG No.:** Q2234

Contract: JACO05 **Lab Code:** CHEM **Case No.:** Q2234 **SAS No.:** Q2234

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
CRI	Iron	51.8	50.0	104	70 - 130	P	06/11/2025	19:39	LB136121
	Silver	1.02	1.0	102	70 - 130	P	06/11/2025	19:39	LB136121

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Metals
- 4 -
INTERFERENCE CHECK SAMPLE

Client: JACOBS Engineering Group, Inc. **SDG No.:** Q2234

Contract: JACO05 **Lab Code:** CHEM **Case No.:** Q2234 **SAS No.:** Q2234

ICS Source: EPA **Instrument ID:** P7

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	Iron	103000	100000	103	0	0	06/11/2025	19:10	LB136121
	Silver	0.050			-2	2	06/11/2025	19:10	LB136121
ICSAB01	Iron	102000	100000	102	0	0	06/11/2025	19:13	LB136121
	Silver	20.3	18.0	113	15.3	20.7	06/11/2025	19:13	LB136121

METAL QC DATA

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metals
- 5a -
MATRIX SPIKE SUMMARY

client: JACOBS Engineering Group, Inc. **level:** low **sdg no.:** Q2234

contract: JACO05 **lab code:** CHEM **case no.:** Q2234 **sas no.:** Q2234

matrix: Water **sample id:** Q2234-01 **client id:** MW-17B-55-060425MS

Percent Solids for Sample: NA **Spiked ID:** Q2234-02 **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Iron	ug/L	75 - 125	26600		6790		25000	79		P
Silver	ug/L	75 - 125	82.8		1.00	U	500	17	N	P

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metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: JACOBS Engineering Group, Inc. **level:** low **sdg no.:** Q2234

contract: JACO05 **lab code:** CHEM **case no.:** Q2234 **sas no.:** Q2234

matrix: Water **sample id:** Q2234-01 **client id:** MW-17B-55-060425MSD

Percent Solids for Sample: NA **Spiked ID:** Q2234-03 **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Iron	ug/L	75 - 125	26600		6790		25000	79		P
Silver	ug/L	75 - 125	82.4		1.00	U	500	16	N	P

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metals
- 5a -
MATRIX SPIKE SUMMARY

client: JACOBS Engineering Group, Inc. **level:** low **sdg no.:** Q2234

contract: JACO05 **lab code:** CHEM **case no.:** Q2234 **sas no.:** Q2234

matrix: Water **sample id:** Q2234-08 **client id:** MW-17B-55-060425MS

Percent Solids for Sample: NA **Spiked ID:** Q2234-09 **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Iron	ug/L	75 - 125	27300		6980		25000	81		P
Silver	ug/L	75 - 125	85.4		1.00	U	500	17	N	P

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metals
- 5a -
MATRIX SPIKE DUPLICATE SUMMARY

client: JACOBS Engineering Group, Inc. **level:** low **sdg no.:** Q2234

contract: JACO05 **lab code:** CHEM **case no.:** Q2234 **sas no.:** Q2234

matrix: Water **sample id:** Q2234-08 **client id:** MW-17B-55-060425MSD

Percent Solids for Sample: NA **Spiked ID:** Q2234-10 **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Iron	ug/L	75 - 125	26900		6980		25000	80		P
Silver	ug/L	75 - 125	85.7		1.00	U	500	17	N	P

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Metals
- 5b -
POST DIGEST SPIKE SUMMARY

Client: JACOBS Engineering Group, Inc. **SDG No.:** Q2234

Contract: JACO05 **Lab Code:** CHEM **Case No.:** Q2234 **SAS No.:** Q2234

Matrix: Water **Level:** LOW **Client ID:** MW-17B-55-060425A

Sample ID: Q2234-01 **Spiked ID:** Q2234-01A

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Silver	ug/L	75 - 125	82.0		1.00	U	500	16	N	P

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Metals
- 5b -
POST DIGEST SPIKE SUMMARY

Client: JACOBS Engineering Group, Inc. **SDG No.:** Q2234

Contract: JACO05 **Lab Code:** CHEM **Case No.:** Q2234 **SAS No.:** Q2234

Matrix: Water **Level:** LOW **Client ID:** MW-17B-55-060425A

Sample ID: Q2234-08 **Spiked ID:** Q2234-08A

Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M
Silver	ug/L	75 - 125	84.7		1.00	U	500	17	N	P

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Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: JACOBS Engineering Group, Inc. **Level:** LOW **SDG No.:** Q2234

Contract: JACO05 **Lab Code:** CHEM **Case No.:** Q2234 **SAS No.:** Q2234

Matrix: Water **Sample ID:** Q2234-01 **Client ID:** MW-17B-55-060425DUP

Percent Solids for Sample: NA **Duplicate ID** Q2234-01DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Iron	ug/L	20	6790		6740		1		P
Silver	ug/L	20	1.00	U	1.00	U			P

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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Metals

- 6 -
DUPLICATE SAMPLE SUMMARY

Client: JACOBS Engineering Group, Inc. **Level:** LOW **SDG No.:** Q2234

Contract: JACO05 **Lab Code:** CHEM **Case No.:** Q2234 **SAS No.:** Q2234

Matrix: Water **Sample ID:** Q2234-02 **Client ID:** MW-17B-55-060425MSD

Percent Solids for Sample: NA **Duplicate ID** Q2234-03 **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Iron	ug/L	20	26600		26600		0		P
Silver	ug/L	20	82.8		82.4		0		P

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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Metals

- 6 -
DUPLICATE SAMPLE SUMMARY

Client: JACOBS Engineering Group, Inc. **Level:** LOW **SDG No.:** Q2234

Contract: JACO05 **Lab Code:** CHEM **Case No.:** Q2234 **SAS No.:** Q2234

Matrix: Water **Sample ID:** Q2234-08 **Client ID:** MW-17B-55-060425DUP

Percent Solids for Sample: NA **Duplicate ID** Q2234-08DUP **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Iron	ug/L	20	6980		7010		0		P
Silver	ug/L	20	1.00	U	1.00	U			P

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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Metals

- 6 -

DUPLICATE SAMPLE SUMMARY

Client: JACOBS Engineering Group, Inc. **Level:** LOW **SDG No.:** Q2234

Contract: JACO05 **Lab Code:** CHEM **Case No.:** Q2234 **SAS No.:** Q2234

Matrix: Water **Sample ID:** Q2234-09 **Client ID:** MW-17B-55-060425MSD

Percent Solids for Sample: NA **Duplicate ID** Q2234-10 **Percent Solids for Spike Sample:** NA

Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M
Iron	ug/L	20	27300		26900		1		P
Silver	ug/L	20	85.4		85.7		0		P

"A control limit of ±20% RPD for each matrix applies for sample values greater than 10 times Detection Limit"

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Metals

LABORATORY CONTROL SAMPLE SUMMARY

Client: JACOBS Engineering Group, Inc. **SDG No.:** Q2234

Contract: JACO05 **Lab Code:** CHEM **Case No.:** Q2234 **SAS No.:** Q2234

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M
PB168360BS							
Iron	ug/L	25000	23800		95	80 - 120	P
Silver	ug/L	500	493		99	80 - 120	P

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FORM 8A

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Client: JACOBS Engineering Group, Inc. Contract: JACO05

Lab Code: CHEM Case no.: Q2234 Sas No.: Q2234 SDG No.: Q2234

Instrument ID: P7 Start Date : 06/11/2025

Run Number: LB136121 End Date : 06/11/2025

Lab SampleID	Client SampleID	Time	Internal Standard %RI For: Non-Collision Cell									
			Element 6Li	Q	Element 45Sc	Q	Element 89Y	Q	Element 103Rh	Q	Element 159Tb	Q
S0	S0	1800	100		100		100		100		100	
S2	S2	1807	100		104		100		100		101	
S3	S3	1814	104		105		103		104		103	
S4	S4	1818	103		105		103		102		103	
S5	S5	1821	103		103		101		99		102	
S6	S6	1824	102		101		103		101		107	
S7	S7	1827	100		101		103		99		107	
S8	S8	1830	101		105		103		96		104	
ICV01	ICV01	1848	97		103		103		103		104	
LLICV01	LLICV01	1900	96		105		104		103		102	
ICB01	ICB01	1907	96		103		104		102		103	
ICSA01	ICSA01	1910	97		104		103		101		107	
ICSAB01	ICSAB01	1913	96		103		105		101		110	
CCV01	CCV01	1929	93		102		103		98		104	
CCB01	CCB01	1935	97		104		105		103		105	
CRI	CRI	1939	97		103		104		103		105	
ZZZZZZ	ZZZZZZ	1942										
ZZZZZZ	ZZZZZZ	1948										
CCV02	CCV02	1952	103		109		108		102		110	
CCB02	CCB02	1958	99		104		106		104		106	
PB168360BL	PB168360BL	2002	99		104		106		105		108	
PB168360BS	PB168360BS	2005	100		107		108		104		110	
Q2234-01	MW-17B-55-02	2009	107		119		118		117		121	
Q2234-01DUP	MW-17B-55-02	2012	104		118		119		118		121	
Q2234-01L	MW-17B-55-02	2016	96		109		110		109		112	
Q2234-02	MW-17B-55-02	2019	104		120		120		114		122	
Q2234-03	MW-17B-55-02	2022	104		117		119		117		121	
Q2234-01A	MW-17B-55-02	2025	103		118		120		115		122	
Q2234-05	MW-18B-56-02	2028	102		119		119		119		120	
Q2234-06	MW-18B-56-02	2031	102		117		122		118		122	
CCV03	CCV03	2035	95		107		110		102		113	
CCB03	CCB03	2041	95		103		106		105		108	
Q2234-07	MW-19B-72-02	2044	97		109		110		108		113	
Q2234-08	MW-17B-55-02	2047	101		120		122		115		124	
Q2234-08DUP	MW-17B-55-02	2051	105		119		121		117		122	
Q2234-08L	MW-17B-55-02	2054	93		108		110		108		112	

Internal Standard %RI Limit: 70 - 130

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FORM 8A

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Client: JACOBS Engineering Group, Inc. Contract: JACO05

Lab Code: CHEM Case no.: Q2234 Sas No.: Q2234 SDG No.: Q2234

Instrument ID: P7 Start Date : 06/11/2025

Run Number: LB136121 End Date : 06/11/2025

Lab SampleID	Client SampleID	Time	Internal Standard %RI For: Non-Collision Cell									
			Element 6Li	Q	Element 45Sc	Q	Element 89Y	Q	Element 103Rh	Q	Element 159Tb	Q
Q2234-09	MW-17B-55-02	057	105		121		121		117		122	
Q2234-10	MW-17B-55-02	100	104		117		120		114		121	
Q2234-08A	MW-17B-55-02	103	104		117		122		117		124	
Q2234-11	MW-18B-56-02	106	101		121		121		121		125	
Q2234-12	MW-18B-56-02	110	101		119		122		119		124	
Q2234-13	MW-19B-72-02	113	101		117		121		117		122	
CCV04	CCV04	2116	93		108		112		104		115	
CCB04	CCB04	2123	93		107		109		108		110	

Internal Standard %RI Limit: 70 - 130

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FORM 8A

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Client: JACOBS Engineering Group, Inc. Contract: JACO05

Lab Code: CHEM Case no.: Q2234 Sas No.: Q2234 SDG No.: Q2234

Instrument ID: P7 Start Date : 06/11/2025

Run Number: LB136121 End Date : 06/11/2025

Lab SampleID	Client SampleID	Time	Internal Standard %RI For: Collision Cell									
			Element 45Sc	Q	Element 89Y	Q	Element 103Rh	Q	Element 159Tb	Q	Element 165Ho	Q
S0	S0	1800	100		100		100		100		100	
S2	S2	1807	101		100		100		99		101	
S3	S3	1814	103		102		102		105		104	
S4	S4	1818	100		100		100		103		101	
S5	S5	1821	100		100		99		103		104	
S6	S6	1824	102		100		99		104		103	
S7	S7	1827	102		103		100		106		107	
S8	S8	1830	103		102		95		105		105	
ICV01	ICV01	1848	102		103		103		105		105	
LLICV01	LLICV01	1900	101		103		103		105		104	
ICB01	ICB01	1907	101		102		103		104		105	
ICSA01	ICSA01	1910	101		102		100		105		106	
ICSAB01	ICSAB01	1913	101		102		100		106		106	
CCV01	CCV01	1929	104		104		98		106		106	
CCB01	CCB01	1935	101		103		103		104		105	
CRI	CRI	1939	100		103		103		104		104	
ZZZZZZ	ZZZZZZ	1942										
ZZZZZZ	ZZZZZZ	1948										
CCV02	CCV02	1952	106		107		100		107		109	
CCB02	CCB02	1958	103		104		104		105		105	
PB168360BL	PB168360BL	2002	102		104		104		105		106	
PB168360BS	PB168360BS	2005	105		105		103		109		109	
Q2234-01	MW-17B-55-02	2009	114		115		114		116		117	
Q2234-01DUP	MW-17B-55-02	2012	114		116		115		117		118	
Q2234-01L	MW-17B-55-02	2016	105		108		107		108		109	
Q2234-02	MW-17B-55-02	2019	114		114		112		117		117	
Q2234-03	MW-17B-55-02	2022	113		115		112		117		116	
Q2234-01A	MW-17B-55-02	2025	114		115		113		118		118	
Q2234-05	MW-18B-56-02	2028	113		115		114		118		118	
Q2234-06	MW-18B-56-02	2031	112		116		114		118		117	
CCV03	CCV03	2035	105		106		100		108		109	
CCB03	CCB03	2041	102		104		103		105		106	
Q2234-07	MW-19B-72-02	2044	86		88		87		90		89	
Q2234-08	MW-17B-55-02	2047	115		117		115		118		119	
Q2234-08DUP	MW-17B-55-02	2051	114		117		115		119		120	
Q2234-08L	MW-17B-55-02	2054	105		109		108		110		110	

Internal Standard %RI Limit: 70 - 130

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FORM 8A

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Client: JACOBS Engineering Group, Inc. Contract: JACO05

Lab Code: CHEM Case no.: Q2234 Sas No.: Q2234 SDG No.: Q2234

Instrument ID: P7 Start Date : 06/11/2025

Run Number: LB136121 End Date : 06/11/2025

Lab SampleID	Client SampleID	Time	Internal Standard %RI For: Collision Cell									
			Element 45Sc	Q	Element 89Y	Q	Element 103Rh	Q	Element 159Tb	Q	Element 165Ho	Q
Q2234-09	MW-17B-55-02	2057	113		116		113		119		119	
Q2234-10	MW-17B-55-02	2100	115		115		113		118		118	
Q2234-08A	MW-17B-55-02	2103	115		116		113		119		118	
Q2234-11	MW-18B-56-02	2106	116		117		116		120		120	
Q2234-12	MW-18B-56-02	2110	114		117		115		120		119	
Q2234-13	MW-19B-72-02	2113	113		116		114		119		120	
CCV04	CCV04	2116	106		109		103		109		111	
CCB04	CCB04	2123	105		106		107		110		110	

Internal Standard %RI Limit: 70 - 130

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FORM 8B

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Lab Name: JACOBS Engineering Group, Inc. Contract: JACO05

Lab Code: CHEM Case no.: Q2234 Sas No.: Q2234 SDG No.: Q2234

Instrument ID: P7 Start Date : 06/11/2025

Run Number: LB136121 End Date : 06/11/2025

Lab SampleID	Client SampleID	Time	Internal Standard %RI For: Non-Collision Cell									
			Element 165Ho	Q	Element 209Bi	Q	Element	Q	Element	Q	Element	Q
S0	S0	1800	100		100							
S2	S2	1807	99		101							
S3	S3	1814	103		105							
S4	S4	1818	102		105							
S5	S5	1821	105		105							
S6	S6	1824	105		106							
S7	S7	1827	106		105							
S8	S8	1830	105		98							
ICV01	ICV01	1848	103		104							
LLICV01	LLICV01	1900	105		104							
ICB01	ICB01	1907	101		103							
ICSA01	ICSA01	1910	105		103							
ICSAB01	ICSAB01	1913	108		106							
CCV01	CCV01	1929	104		99							
CCB01	CCB01	1935	105		104							
CRI	CRI	1939	105		104							
ZZZZZZ	ZZZZZZ	1942										
ZZZZZZ	ZZZZZZ	1948										
CCV02	CCV02	1952	111		104							
CCB02	CCB02	1958	106		104							
PB168360BL	PB168360BL	2002	109		107							
PB168360BS	PB168360BS	2005	109		107							
Q2234-01	MW-17B-55-06	2009	120		118							
Q2234-01DUP	MW-17B-55-06	2012	119		117							
Q2234-01L	MW-17B-55-06	2016	110		110							
Q2234-02	MW-17B-55-06	2019	122		117							
Q2234-03	MW-17B-55-06	2022	123		117							
Q2234-01A	MW-17B-55-06	2025	120		118							
Q2234-05	MW-18B-56-06	2028	123		118							
Q2234-06	MW-18B-56-06	2031	122		117							
CCV03	CCV03	2035	112		105							
CCB03	CCB03	2041	108		107							
Q2234-07	MW-19B-72-06	2044	112		110							
Q2234-08	MW-17B-55-06	2047	123		119							

Internal Standard %RI Limit: 70 -130

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FORM 8B

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Lab Name: JACOBS Engineering Group, Inc. Contract: JACO05

Lab Code: CHEM Case no.: Q2234 Sas No.: Q2234 SDG No.: Q2234

Instrument ID: P7 Start Date : 06/11/2025

Run Number: LB136121 End Date : 06/11/2025

Lab SampleID	Client SampleID	Time	Internal Standard %RI For: Non-Collision Cell									
			Element 165Ho	Q	Element 209Bi	Q	Element	Q	Element	Q	Element	Q
Q2234-08DUP	MW-17B-55-06	2051	123		121							
Q2234-08L	MW-17B-55-06	2054	111		110							
Q2234-09	MW-17B-55-06	2057	124		120							
Q2234-10	MW-17B-55-06	2100	122		119							
Q2234-08A	MW-17B-55-06	2103	123		120							
Q2234-11	MW-18B-56-06	2106	125		121							
Q2234-12	MW-18B-56-06	2110	125		120							
Q2234-13	MW-19B-72-06	2113	123		120							
CCV04	CCV04	2116	114		106							
CCB04	CCB04	2123	110		109							

Internal Standard %RI Limit: 70 -130

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FORM 8B

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Lab Name: JACOBS Engineering Group, Inc. Contract: JACO05

Lab Code: CHEM Case no.: Q2234 Sas No.: Q2234 SDG No.: Q2234

Instrument ID: P7 Start Date : 06/11/2025

Run Number: LB136121 End Date : 06/11/2025

Lab SampleID	Client SampleID	Time	Internal Standard %RI For: Collision Cell									
			Element 209Bi	Q	Element	Q	Element	Q	Element	Q	Element	Q
S0	S0	1800	100									
S2	S2	1807	100									
S3	S3	1814	103									
S4	S4	1818	103									
S5	S5	1821	103									
S6	S6	1824	102									
S7	S7	1827	103									
S8	S8	1830	95									
ICV01	ICV01	1848	104									
LLICV01	LLICV01	1900	103									
ICB01	ICB01	1907	103									
ICSA01	ICSA01	1910	102									
ICSAB01	ICSAB01	1913	103									
CCV01	CCV01	1929	98									
CCB01	CCB01	1935	103									
CRI	CRI	1939	103									
ZZZZZZ	ZZZZZZ	1942										
ZZZZZZ	ZZZZZZ	1948										
CCV02	CCV02	1952	101									
CCB02	CCB02	1958	104									
PB168360BL	PB168360BL	2002	105									
PB168360BS	PB168360BS	2005	104									
Q2234-01	MW-17B-55-06	2009	116									
Q2234-01DUP	MW-17B-55-06	2012	115									
Q2234-01L	MW-17B-55-06	2016	108									
Q2234-02	MW-17B-55-06	2019	113									
Q2234-03	MW-17B-55-06	2022	114									
Q2234-01A	MW-17B-55-06	2025	114									
Q2234-05	MW-18B-56-06	2028	114									
Q2234-06	MW-18B-56-06	2031	113									
CCV03	CCV03	2035	100									
CCB03	CCB03	2041	105									
Q2234-07	MW-19B-72-06	2044	88									
Q2234-08	MW-17B-55-06	2047	116									

Internal Standard %RI Limit: 70 -130

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FORM 8B

ICP-MS INTERNAL STANDARD RELATIVE INTENSITY SUMMARY

Lab Name: JACOBS Engineering Group, Inc. Contract: JACO05

Lab Code: CHEM Case no.: Q2234 Sas No.: Q2234 SDG No.: Q2234

Instrument ID: P7 Start Date : 06/11/2025

Run Number: LB136121 End Date : 06/11/2025

Lab SampleID	Client SampleID	Time	Internal Standard %RI For: Collision Cell									
			Element 209Bi	Q	Element	Q	Element	Q	Element	Q	Element	Q
Q2234-08DUP	MW-17B-55-06	2051	117									
Q2234-08L	MW-17B-55-06	2054	109									
Q2234-09	MW-17B-55-06	2057	115									
Q2234-10	MW-17B-55-06	2100	115									
Q2234-08A	MW-17B-55-06	2103	114									
Q2234-11	MW-18B-56-06	2106	116									
Q2234-12	MW-18B-56-06	2110	115									
Q2234-13	MW-19B-72-06	2113	115									
CCV04	CCV04	2116	103									
CCB04	CCB04	2123	107									

Internal Standard %RI Limit: 70 -130

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Metals

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ICP SERIAL DILUTIONS

SAMPLE NO.

MW-17B-55-060425L

Lab Name: Chemtech Consulting Group **Contract:** JACO05

Lab Code: CHEM **Lb No.:** lb136121 **Lab Sample ID :** Q2234-01L **SDG No.:** Q2234

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
Iron	6790		6620		3		P
Silver	1.00	U	5.00	U			P

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Metals

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ICP SERIAL DILUTIONS

SAMPLE NO.

MW-17B-55-060425L

Lab Name: Chemtech Consulting Group **Contract:** JACO05

Lab Code: CHEM **Lb No.:** lb136121 **Lab Sample ID :** Q2234-08L **SDG No.:** Q2234

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
Iron	6980		6960		0		P
Silver	1.00	U	5.00	U			P

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metals
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ANALYSIS RUN LOG

Client: JACOBS Engineering Group, Inc. **Contract:** JACO05

Lab code: CHEM **Case no.:** Q2234 **Sas no.:** Q2234 **Sdg no.:** Q2234

Instrument id number: **Method:** **Run number:** LB136121

Start date: 06/11/2025 **End date:** 06/11/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1800	Fe,Ag
S2	S2	1	1807	Fe,Ag
S3	S3	1	1814	Fe,Ag
S4	S4	1	1818	Fe,Ag
S5	S5	1	1821	Fe,Ag
S6	S6	1	1824	Fe,Ag
S7	S7	1	1827	Fe,Ag
S8	S8	1	1830	Fe
ICV01	ICV01	1	1848	Fe,Ag
LLICV01	LLICV01	1	1900	Fe,Ag
ICB01	ICB01	1	1907	Fe,Ag
ICSA01	ICSA01	1	1910	Fe,Ag
ICSAB01	ICSAB01	1	1913	Fe,Ag
CCV01	CCV01	1	1929	Fe,Ag
CCB01	CCB01	1	1935	Fe,Ag
CRI	CRI	1	1939	Fe,Ag
CCV02	CCV02	1	1952	Fe,Ag
CCB02	CCB02	1	1958	Fe,Ag
PB168360BL	PB168360BL	1	2002	Ag,Fe
PB168360BS	PB168360BS	1	2005	Ag,Fe
Q2234-01	MW-17B-55-060425	1	2009	Ag
Q2234-01DUP	MW-17B-55-060425DUP	1	2012	Ag,Fe
Q2234-01L	MW-17B-55-060425L	5	2016	Ag,Fe
Q2234-02	MW-17B-55-060425MS	1	2019	Ag,Fe
Q2234-03	MW-17B-55-060425MSD	1	2022	Ag,Fe
Q2234-01A	MW-17B-55-060425A	1	2025	Ag
Q2234-05	MW-18B-56-060425	1	2028	Ag
Q2234-06	MW-18B-56-060425-FD	1	2031	Ag
CCV03	CCV03	1	2035	Fe,Ag
CCB03	CCB03	1	2041	Fe,Ag
Q2234-07	MW-19B-72-060425	1	2044	Ag
Q2234-08	MW-17B-55-060425	1	2047	Fe
Q2234-08DUP	MW-17B-55-060425DUP	1	2051	Ag,Fe
Q2234-08L	MW-17B-55-060425L	5	2054	Ag,Fe
Q2234-09	MW-17B-55-060425MS	1	2057	Ag,Fe
Q2234-10	MW-17B-55-060425MSD	1	2100	Ag,Fe
Q2234-08A	MW-17B-55-060425A	1	2103	Ag
Q2234-11	MW-18B-56-060425	1	2106	Fe
Q2234-12	MW-18B-56-060425-FD	1	2110	Fe
Q2234-13	MW-19B-72-060425	1	2113	Fe
CCV04	CCV04	1	2116	Fe,Ag

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metals
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ANALYSIS RUN LOG

Client: JACOBS Engineering Group, Inc. **Contract:** JACO05

Lab code: CHEM **Case no.:** Q2234 **Sas no.:** Q2234 **Sdg no.:** Q2234

Instrument id number: **Method:** **Run number:** LB136121

Start date: 06/11/2025 **End date:** 06/11/2025

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
CCB04	CCB04	1	2123	Fe,Ag
CCV05	CCV05	1	2134	Fe,Ag
CCB05	CCB05	1	2145	Fe,Ag

METAL PREPARATION & INSTRUMENT DATA

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LAB CHRONICLE

OrderID:	Q2234	**OrderDate:**	6/5/2025 10:52:00 AM
Client:	JACOBS Engineering Group, Inc.	**Project:**	Former Schlumberger STC PTC Site D3868221
Contact:	John Ynfante	**Location:**	N31,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2234-01	**MW-17B-55-060425**	**Water**			**06/04/25**			**06/05/25**
			Metals Group4	6020B		06/09/25	06/11/25	
Q2234-05	**MW-18B-56-060425**	**Water**			**06/04/25**			**06/05/25**
			Metals Group4	6020B		06/09/25	06/11/25	
Q2234-06	**MW-18B-56-060425-FD**	**Water**			**06/04/25**			**06/05/25**
			Metals Group4	6020B		06/09/25	06/11/25	
Q2234-07	**MW-19B-72-060425**	**Water**			**06/04/25**			**06/05/25**
			Metals Group4	6020B		06/09/25	06/11/25	
Q2234-08	**MW-17B-55-060425**	**Water**			**06/04/25**			**06/05/25**
			Dissolved ICP-Group2	6020B		06/09/25	06/11/25	
Q2234-11	**MW-18B-56-060425**	**Water**			**06/04/25**			**06/05/25**
			Dissolved ICP-Group2	6020B		06/09/25	06/11/25	
Q2234-12	**MW-18B-56-060425-FD**	**Water**			**06/04/25**			**06/05/25**
			Dissolved ICP-Group2	6020B		06/09/25	06/11/25	
Q2234-13	**MW-19B-72-060425**	**Water**			**06/04/25**			**06/05/25**
			Dissolved ICP-Group2	6020B		06/09/25	06/11/25	

METAL PREPARATION & ANALYICAL SUMMARY

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Metals
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SAMPLE PREPARATION SUMMARY

Client: JACOBS Engineering Group, Inc. **SDG No.:** Q2234

Contract: JACO05 **Lab Code:** CHEM **Method:**

Case No.: Q2234 **SAS No.:** Q2234

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number:	**PB168360**						
PB168360BL	PB168360BL	MB	WATER	06/09/2025	50.0	50.0	
PB168360BS	PB168360BS	LCS	WATER	06/09/2025	50.0	50.0	
Q2234-01	MW-17B-55-060425	SAM	WATER	06/09/2025	50.0	50.0	
Q2234-01DUP	MW-17B-55-060425DUP	DUP	WATER	06/09/2025	50.0	50.0	
Q2234-02	MW-17B-55-060425MS	MS	WATER	06/09/2025	50.0	50.0	
Q2234-03	MW-17B-55-060425MSD	MSD	WATER	06/09/2025	50.0	50.0	
Q2234-05	MW-18B-56-060425	SAM	WATER	06/09/2025	50.0	50.0	
Q2234-06	MW-18B-56-060425-FD	SAM	WATER	06/09/2025	50.0	50.0	
Q2234-07	MW-19B-72-060425	SAM	WATER	06/09/2025	50.0	50.0	
Q2234-08	MW-17B-55-060425	SAM	WATER	06/09/2025	50.0	50.0	
Q2234-08DUP	MW-17B-55-060425DUP	DUP	WATER	06/09/2025	50.0	50.0	
Q2234-09	MW-17B-55-060425MS	MS	WATER	06/09/2025	50.0	50.0	
Q2234-10	MW-17B-55-060425MSD	MSD	WATER	06/09/2025	50.0	50.0	
Q2234-11	MW-18B-56-060425	SAM	WATER	06/09/2025	50.0	50.0	
Q2234-12	MW-18B-56-060425-FD	SAM	WATER	06/09/2025	50.0	50.0	
Q2234-13	MW-19B-72-060425	SAM	WATER	06/09/2025	50.0	50.0	

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Instrument ID: P7

Daily Analysis Runlog For Sequence/QCBatch ID # LB136121

Review By	Janvi	Review On	6/12/2025 11:36:04 AM
Supervise By	jaswal	Supervise On	6/12/2025 5:42:09 PM

STD. NAME	STD REF.#
ICAL Standard	MP85829,MP85838,MP85837,MP85835,MP85834,MP85833,MP85832,MP85831,MP85830
ICV Standard	MP85839
CCV Standard	MP85840
ICSA Standard	MP85841,MP85842
CRI Standard	MP85837
LCS Standard	
Chk Standard	MP85844,MP85845

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	TUNE	TUNE	TUNE	06/11/25 17:38		Jaswal	OK
2	S0	S0	CAL1	06/11/25 18:00		Jaswal	OK
3	S2	S2	CAL3	06/11/25 18:07		Jaswal	OK
4	S3	S3	CAL4	06/11/25 18:14		Jaswal	OK
5	S4	S4	CAL5	06/11/25 18:18		Jaswal	OK
6	S5	S5	CAL6	06/11/25 18:21		Jaswal	OK
7	S6	S6	CAL7	06/11/25 18:24		Jaswal	OK
8	S7	S7	CAL8	06/11/25 18:27		Jaswal	OK
9	S8	S8	CAL9	06/11/25 18:30		Jaswal	OK
10	ICV01	ICV01	ICV	06/11/25 18:48		Jaswal	OK
11	LLICV01	LLICV01	LLICV	06/11/25 19:00		Jaswal	OK
12	ICB01	ICB01	ICB	06/11/25 19:07		Jaswal	OK
13	ICSA01	ICSA01	ICSA	06/11/25 19:10		Jaswal	OK
14	ICSAB01	ICSAB01	ICSAB	06/11/25 19:13		Jaswal	OK
15	CCV01	CCV01	CCV	06/11/25 19:29		Jaswal	OK
16	CCB01	CCB01	CCB	06/11/25 19:35		Jaswal	OK
17	CRI	CRI	CRDL	06/11/25 19:39		Jaswal	OK
18	Q2218-03DL	3309DL	SAM	06/11/25 19:42	K High , INT_STD 45Sc(1) Fail	Jaswal	Dilution

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Instrument ID: P7

Daily Analysis Runlog For Sequence/QCBatch ID # LB136121

Review By	Janvi	Review On	6/12/2025 11:36:04 AM
Supervise By	jaswal	Supervise On	6/12/2025 5:42:09 PM

STD. NAME	STD REF.#
ICAL Standard	MP85829,MP85838,MP85837,MP85835,MP85834,MP85833,MP85832,MP85831,MP85830
ICV Standard	MP85839
CCV Standard	MP85840
ICSA Standard	MP85841,MP85842
CRI Standard	MP85837
LCS Standard	
Chk Standard	MP85844,MP85845

19	Q2218-03DL2	3309DL2	SAM	06/11/25 19:48	50X For K, 50X for INT_STD 45Sc(1)	Jaswal	Confirms
20	CCV02	CCV02	CCV	06/11/25 19:52		Jaswal	OK
21	CCB02	CCB02	CCB	06/11/25 19:58		Jaswal	OK
22	PB168360BL	PB168360BL	MB	06/11/25 20:02		Jaswal	OK
23	PB168360BS	PB168360BS	LCS	06/11/25 20:05		Jaswal	OK
24	Q2234-01	MW-17B-55-060425	SAM	06/11/25 20:09		Jaswal	OK
25	Q2234-01DUP	MW-17B-55-060425D	DUP	06/11/25 20:12		Jaswal	OK
26	Q2234-01L	MW-17B-55-060425L	SD	06/11/25 20:16		Jaswal	OK
27	Q2234-02	MW-17B-55-060425M	MS	06/11/25 20:19		Jaswal	OK
28	Q2234-03	MW-17B-55-060425M	MSD	06/11/25 20:22		Jaswal	OK
29	Q2234-01A	MW-17B-55-060425A	PS	06/11/25 20:25		Jaswal	OK
30	Q2234-05	MW-18B-56-060425	SAM	06/11/25 20:28		Jaswal	OK
31	Q2234-06	MW-18B-56-060425-F	SAM	06/11/25 20:31		Jaswal	OK
32	CCV03	CCV03	CCV	06/11/25 20:35		Jaswal	OK
33	CCB03	CCB03	CCB	06/11/25 20:41		Jaswal	OK
34	Q2234-07	MW-19B-72-060425	SAM	06/11/25 20:44		Jaswal	OK
35	Q2234-08	MW-17B-55-060425	SAM	06/11/25 20:47		Jaswal	OK
36	Q2234-08DUP	MW-17B-55-060425D	DUP	06/11/25 20:51		Jaswal	OK
37	Q2234-08L	MW-17B-55-060425L	SD	06/11/25 20:54		Jaswal	OK

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Instrument ID: P7

Daily Analysis Runlog For Sequence/QCBatch ID # LB136121

Review By	Janvi	Review On	6/12/2025 11:36:04 AM
Supervise By	jaswal	Supervise On	6/12/2025 5:42:09 PM

STD. NAME	STD REF.#
ICAL Standard	MP85829,MP85838,MP85837,MP85835,MP85834,MP85833,MP85832,MP85831,MP85830
ICV Standard	MP85839
CCV Standard	MP85840
ICSA Standard	MP85841,MP85842
CRI Standard	MP85837
LCS Standard	
Chk Standard	MP85844,MP85845

38	Q2234-09	MW-17B-55-060425M	MS	06/11/25 20:57		Jaswal	OK
39	Q2234-10	MW-17B-55-060425M	MSD	06/11/25 21:00		Jaswal	OK
40	Q2234-08A	MW-17B-55-060425A	PS	06/11/25 21:03		Jaswal	OK
41	Q2234-11	MW-18B-56-060425	SAM	06/11/25 21:06		Jaswal	OK
42	Q2234-12	MW-18B-56-060425-F	SAM	06/11/25 21:10		Jaswal	OK
43	Q2234-13	MW-19B-72-060425	SAM	06/11/25 21:13		Jaswal	OK
44	CCV04	CCV04	CCV	06/11/25 21:16		Jaswal	OK
45	CCB04	CCB04	CCB	06/11/25 21:23		Jaswal	OK
46	Q2250-05	EB02-060525	SAM	06/11/25 21:27		Jaswal	OK
47	Q2250-07	EB02-060525	SAM	06/11/25 21:30		Jaswal	OK
48	CCV05	CCV05	CCV	06/11/25 21:34		Jaswal	OK
49	CCB05	CCB05	CCB	06/11/25 21:45		Jaswal	OK

Alliance TECHNICAL GROUP

Water Metals Preparation Sheet

PB168360

SOP ID : M3010A-Digestion-17

SDG No : N/A

Matrix : WATER

Pippete ID: ICP A

Balance ID : N/A

Filter paper ID : N/A

pH Strip ID : M6069

Hood ID : #3

Block ID: 1. HOT BLOCK #1 2. N/A

Start Digest Date: 06/09/2025 **Time :** 12:20 **Temp :** 96 °C

End Digest Date: 06/09/2025 **Time :** 14:14 **Temp :** 96 °C

Digestion tube ID: M5595

Block thermometer ID: MET-DIG. #1

Dig Technician Signature: SJ-29.

Supervisor Signature: JPP

Temp : 1. 96°C 2. N/A

Standared Name	MLS USED	STD REF. # FROM LOG
Spike Sol 1	0.50	MP85846
Spike Sol 2	1.00	MP85847
Spike Sol 3	1.00	MP85848
Spike Sol 4	1.00	MP85849
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
06/09/25 15:15	SJ-29. met. dig	JPP Met lab
	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

Water Metals Preparation Sheet

PB168360

Lab Sample ID	Client Sample ID	pH	Initial Vol (ml)	Final Vol (ml)	Color Before	Color After	Clarity Before	Clarity After	Comment	Prep Pos
PB168360BL	PBW360	<2	50	50	Colorless	Colorless	Clear	Clear	N/A	16
PB168360BS	LCS360	<2	50	50	Colorless	Colorless	Clear	Clear	MP85846,MP85847,MP85848,N	17
Q2218-03	3309	<2	50	50	Pink	ligh Brown	Clear	Clear	N/A	18
Q2234-01DUP	MW-17B-55-060425DUP	<2	50	50	Colorless	Colorless	Clear	Clear	N/A	20
Q2234-01	MW-17B-55-060425	<2	50	50	Colorless	Colorless	Clear	Clear	N/A	19
Q2234-02	Q2234-01MS	<2	50	50	Colorless	Colorless	Clear	Clear	MP85846,MP85847,MP85848,N	21
Q2234-03	Q2234-01MSD	<2	50	50	Colorless	Colorless	Clear	Clear	MP85846,MP85847,MP85848,N	22
Q2234-05	MW-18B-56-060425	<2	50	50	Colorless	Colorless	Clear	Clear	N/A	23
Q2234-06	MW-18B-56-060425-FD	<2	50	50	Colorless	Colorless	Clear	Clear	N/A	24
Q2234-07	MW-19B-72-060425	<2	50	50	Colorless	Colorless	Clear	Clear	N/A	25
Q2234-08	MW-17B-55-060425	<2	50	50	Colorless	Colorless	Clear	Clear	N/A	26
Q2234-09	Q2234-08MS	<2	50	50	Colorless	Colorless	Clear	Clear	N/A	27
Q2234-10	Q2234-08MSD	<2	50	50	Colorless	Colorless	Clear	Clear	N/A	28
Q2234-11	MW-18B-56-060425	<2	50	50	Colorless	Colorless	Clear	Clear	N/A	29
Q2234-12	MW-18B-56-060425-FD	<2	50	50	Colorless	Colorless	Clear	Clear	N/A	30
Q2234-13	MW-19B-72-060425	<2	50	50	Colorless	Colorless	Clear	Clear	N/A	31
Q2250-05	EB02-060525	<2	50	50	Colorless	Colorless	Clear	Clear	N/A	32
Q2250-07	EB02-060525	<2	50	50	Colorless	Colorless	Clear	Clear	N/A	33

SAMPLE DATA

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	06/04/25 11:40
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	06/05/25
Client Sample ID:	MW-17B-55-060425	SDG No.:	Q2234
Lab Sample ID:	Q2234-01	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Alkalinity	77.6		1	1.00	2.00	mg/L		06/10/25 11:25	SM 2320 B-11
Chloride	21.1	OR	1	0.19	0.60	mg/L		06/05/25 15:35	9056A
Nitrate	0.095	U	1	0.095	0.50	mg/L		06/05/25 15:35	9056A
Sulfate	34.4		1	0.46	3.00	mg/L		06/05/25 15:35	9056A
TDS	211		1	1.00	10.0	mg/L		06/06/25 12:30	SM 2540 C-15

Comments: The alkalinity to pH 4.28=77.6 mg CaCO3/L

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
H = Sample Analysis Out Of Hold Time
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

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Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	06/04/25 11:40
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	06/05/25
Client Sample ID:	MW-17B-55-060425DL	SDG No.:	Q2234
Lab Sample ID:	Q2234-01DL	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Chloride	19.4	D	5	0.95	3.00	mg/L		06/05/25 17:44	9056A

Comments:

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
H = Sample Analysis Out Of Hold Time
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

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	06/04/25 12:30
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	06/05/25
Client Sample ID:	MW-18B-56-060425	SDG No.:	Q2234
Lab Sample ID:	Q2234-05	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Alkalinity	93.5		1	1.00	2.00	mg/L		06/10/25 11:33	SM 2320 B-11
Chloride	22.1	OR	1	0.19	0.60	mg/L		06/05/25 16:40	9056A
Nitrate	0.095	U	1	0.095	0.50	mg/L		06/05/25 16:40	9056A
Sulfate	170	OR	1	0.46	3.00	mg/L		06/05/25 16:40	9056A
TDS	308		1	1.00	10.0	mg/L		06/06/25 12:30	SM 2540 C-15

Comments: The alkalinity to pH 4.28=93.5 mg CaCO3/L

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
H = Sample Analysis Out Of Hold Time
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

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Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	06/04/25 12:30
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	06/05/25
Client Sample ID:	MW-18B-56-060425DL	SDG No.:	Q2234
Lab Sample ID:	Q2234-05DL	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Chloride	20.1	D	10	1.90	6.00	mg/L		06/05/25 18:27	9056A
Sulfate	145	D	10	4.60	30.0	mg/L		06/05/25 18:27	9056A

Comments:

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
H = Sample Analysis Out Of Hold Time

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

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Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	06/04/25 12:50
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	06/05/25
Client Sample ID:	MW-18B-56-060425-FD	SDG No.:	Q2234
Lab Sample ID:	Q2234-06	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Alkalinity	76.2		1	1.00	2.00	mg/L		06/10/25 11:37	SM 2320 B-11
Chloride	21.3	OR	1	0.19	0.60	mg/L		06/05/25 17:02	9056A
Nitrate	0.095	U	1	0.095	0.50	mg/L		06/05/25 17:02	9056A
Sulfate	192	OR	1	0.46	3.00	mg/L		06/05/25 17:02	9056A
TDS	369		1	1.00	10.0	mg/L		06/06/25 12:30	SM 2540 C-15

Comments: The alkalinity to pH 4.36=76.2 mg CaCO3/L

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
H = Sample Analysis Out Of Hold Time
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

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Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	06/04/25 12:50
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	06/05/25
Client Sample ID:	MW-18B-56-060425-FDDL	SDG No.:	Q2234
Lab Sample ID:	Q2234-06DL	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Chloride	19.8	D	10	1.90	6.00	mg/L		06/06/25 12:17	9056A
Sulfate	163	D	10	4.60	30.0	mg/L		06/06/25 12:17	9056A

Comments:

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
H = Sample Analysis Out Of Hold Time

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

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Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	06/04/25 15:50
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	06/05/25
Client Sample ID:	MW-19B-72-060425	SDG No.:	Q2234
Lab Sample ID:	Q2234-07	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Alkalinity	50.5		1	1.00	2.00	mg/L		06/10/25 11:42	SM 2320 B-11
Chloride	51.3	OR	1	0.19	0.60	mg/L		06/05/25 17:23	9056A
Nitrate	0.095	U	1	0.095	0.50	mg/L		06/05/25 17:23	9056A
Sulfate	253	OR	1	0.46	3.00	mg/L		06/05/25 17:23	9056A
TDS	454		1	1.00	10.0	mg/L		06/06/25 12:30	SM 2540 C-15

Comments: The alkalinity to pH 4.42=50.5 mg CaCO3/L

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
H = Sample Analysis Out Of Hold Time
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

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Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	06/04/25 15:50
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	06/05/25
Client Sample ID:	MW-19B-72-060425DL	SDG No.:	Q2234
Lab Sample ID:	Q2234-07DL	Matrix:	WATER
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Chloride	43.1	D	20	3.80	12.0	mg/L		06/06/25 12:38	9056A
Sulfate	207	D	20	9.20	60.0	mg/L		06/06/25 12:38	9056A

Comments:

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
H = Sample Analysis Out Of Hold Time

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

QC RESULT SUMMARY

Alliance TECHNICAL GROUP
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Initial and Continuing Calibration Verification

Client: JACOBS Engineering Group, Inc. **SDG No.:** Q2234

Project: Former Schlumberger STC PTC Site D3868221 **RunNo.:** LB136018

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV1						
Bromide	mg/L	10.2	10	102	90-110	05/22/2025
Chloride	mg/L	3.1	3	103	90-110	05/22/2025
Fluoride	mg/L	2.1	2	105	90-110	05/22/2025
Nitrite	mg/L	3.1	3	103	90-110	05/22/2025
Nitrate	mg/L	2.6	2.5	104	90-110	05/22/2025
Sulfate	mg/L	15.1	15	101	90-110	05/22/2025
Orthophosphate as P	mg/L	5.3	5	106	90-110	05/22/2025
Sample ID: CCV1						
Bromide	mg/L	10.2	10	102	90-110	06/05/2025
Chloride	mg/L	3.1	3	103	90-110	06/05/2025
Fluoride	mg/L	2	2	100	90-110	06/05/2025
Nitrite	mg/L	3.1	3	103	90-110	06/05/2025
Nitrate	mg/L	2.6	2.5	104	90-110	06/05/2025
Sulfate	mg/L	15.1	15	101	90-110	06/05/2025
Orthophosphate as P	mg/L	5.3	5	106	90-110	06/05/2025
Sample ID: CCV2						
Bromide	mg/L	10.3	10	103	90-110	06/05/2025
Chloride	mg/L	3.1	3	103	90-110	06/05/2025
Fluoride	mg/L	2.1	2	105	90-110	06/05/2025
Nitrite	mg/L	3.1	3	103	90-110	06/05/2025
Nitrate	mg/L	2.6	2.5	104	90-110	06/05/2025
Sulfate	mg/L	15.2	15	101	90-110	06/05/2025
Orthophosphate as P	mg/L	5.3	5	106	90-110	06/05/2025
Sample ID: CCV3						
Bromide	mg/L	10.3	10	103	90-110	06/06/2025
Chloride	mg/L	3.1	3	103	90-110	06/06/2025
Fluoride	mg/L	2	2	100	90-110	06/06/2025
Nitrite	mg/L	3.1	3	103	90-110	06/06/2025
Nitrate	mg/L	2.6	2.5	104	90-110	06/06/2025
Sulfate	mg/L	15.2	15	101	90-110	06/06/2025
Orthophosphate as P	mg/L	5.2	5	104	90-110	06/06/2025
Sample ID: CCV4						
Bromide	mg/L	10.3	10	103	90-110	06/06/2025
Chloride	mg/L	3.1	3	103	90-110	06/06/2025
Fluoride	mg/L	2.1	2	105	90-110	06/06/2025
Nitrite	mg/L	3.1	3	103	90-110	06/06/2025
Nitrate	mg/L	2.6	2.5	104	90-110	06/06/2025
Sulfate	mg/L	15.3	15	102	90-110	06/06/2025

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Initial and Continuing Calibration Verification

Client:	JACOBS Engineering Group, Inc.	**SDG No.:**	Q2234
Project:	Former Schlumberger STC PTC Site D3868221	**RunNo.:**	LB136018

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Orthophosphate as P	mg/L	5.4	5	108	90-110	06/06/2025

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Initial and Continuing Calibration Blank Summary

Client: JACOBS Engineering Group, Inc. **SDG No.:** Q2234

Project: Former Schlumberger STC PTC Site D3868221 **RunNo.:** LB136018

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB1							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	05/22/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	05/22/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	05/22/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	05/22/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	05/22/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	05/22/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	05/22/2025
Sample ID: CCB1							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	06/05/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	06/05/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	06/05/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	06/05/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	06/05/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	06/05/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	06/05/2025
Sample ID: CCB2							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	06/05/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	06/05/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	06/05/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	06/05/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	06/05/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	06/05/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	06/05/2025
Sample ID: CCB3							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	06/06/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	06/06/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	06/06/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	06/06/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	06/06/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	06/06/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	06/06/2025
Sample ID: CCB4							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	06/06/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	06/06/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	06/06/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	06/06/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	06/06/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	06/06/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	06/06/2025

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Preparation Blank Summary

Client: JACOBS Engineering Group, Inc. **SDG No.:** Q2234

Project: Former Schlumberger STC PTC Site D3868221

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: LB136018BLW							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	06/05/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	06/05/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	06/05/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	06/05/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	06/05/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	06/05/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	06/05/2025
Sample ID: LB136018BLW2							
Bromide	mg/L	< 1.0000	1.0000	U	0.37	2	06/06/2025
Chloride	mg/L	< 0.3000	0.3000	U	0.19	0.6	06/06/2025
Fluoride	mg/L	< 0.2000	0.2000	U	0.11	0.4	06/06/2025
Nitrite	mg/L	< 0.3000	0.3000	U	0.074	0.6	06/06/2025
Nitrate	mg/L	< 0.2500	0.2500	U	0.095	0.5	06/06/2025
Sulfate	mg/L	< 1.5000	1.5000	U	0.46	3	06/06/2025
Orthophosphate as P	mg/L	< 0.5000	0.5000	U	0.34	1	06/06/2025
Sample ID: LB136041BL							
TDS	mg/L	< 5.0000	5.0000	U	1.0	10	06/06/2025
Sample ID: LB136092BLW							
Alkalinity	mg/L	< 1.0000	1.0000	U	1	2	06/10/2025

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Matrix Spike Summary

Client: JACOBS Engineering Group, Inc.
SDG No.: Q2234
Project: Former Schlumberger STC PTC Site D3868221
Sample ID: Q2234-01
Client ID: MW-17B-55-060425MS
Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Bromide	mg/L	80-120	10.5		0.37	U	10	1	105		06/05/2025
Chloride	mg/L	80-120	23.7	OR	21.1	OR	3	1	87		06/05/2025
Fluoride	mg/L	80-120	2.30		0.28	J	2	1	101		06/05/2025
Nitrite	mg/L	80-120	3.10		0.074	U	3	1	103		06/05/2025
Nitrate	mg/L	80-120	2.60		0.095	U	2.5	1	104		06/05/2025
Sulfate	mg/L	80-120	49.3	OR	34.4		15	1	99		06/05/2025
Orthophosphate as P	mg/L	80-120	4.30		0.34	U	5	1	86		06/05/2025

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Matrix Spike Summary

Client: JACOBS Engineering Group, Inc.
SDG No.: Q2234
Project: Former Schlumberger STC PTC Site D3868221
Sample ID: Q2234-01
Client ID: MW-17B-55-060425MSD
Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Bromide	mg/L	80-120	10.0		0.37	U	10	1	100		06/05/2025
Chloride	mg/L	80-120	23.5	OR	21.1	OR	3	1	80		06/05/2025
Fluoride	mg/L	80-120	2.20		0.28	J	2	1	96		06/05/2025
Nitrite	mg/L	80-120	2.90		0.074	U	3	1	97		06/05/2025
Nitrate	mg/L	80-120	2.50		0.095	U	2.5	1	100		06/05/2025
Sulfate	mg/L	80-120	48.6	OR	34.4		15	1	95		06/05/2025
Orthophosphate as P	mg/L	80-120	4.00		0.34	U	5	1	80		06/05/2025

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Duplicate Sample Summary

Client: JACOBS Engineering Group, Inc.
SDG No.: Q2234
Project: Former Schlumberger STC PTC Site D3868221
Sample ID: Q2231-05
Client ID: MW-17-20250604DUP
Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
TDS	mg/L	+/-5	296		302		1	2.01		06/06/2025

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Duplicate Sample Summary

Client: JACOBS Engineering Group, Inc.
SDG No.: Q2234
Project: Former Schlumberger STC PTC Site D3868221
Sample ID: Q2234-01
Client ID: MW-17B-55-060425DUP
Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Alkalinity	mg/L	+/-20	77.6		76.8		1	1		06/10/2025

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Duplicate Sample Summary

Client: JACOBS Engineering Group, Inc.
SDG No.: Q2234
Project: Former Schlumberger STC PTC Site D3868221
Sample ID: Q2234-01
Client ID: MW-17B-55-060425MSD
Percent Solids for Spike Sample: 0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Chloride	mg/L	+/-15	23.7	OR	23.5	OR	1	1		06/05/2025
Sulfate	mg/L	+/-15	49.3	OR	48.6	OR	1	1		06/05/2025
Fluoride	mg/L	+/-15	2.30		2.20		1	4		06/05/2025
Nitrate	mg/L	+/-15	2.60		2.50		1	4		06/05/2025
Bromide	mg/L	+/-15	10.5		10.0		1	5		06/05/2025
Nitrite	mg/L	+/-15	3.10		2.90		1	7		06/05/2025
Orthophosphate as P	mg/L	+/-15	4.30		4.00		1	7		06/05/2025

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Laboratory Control Sample Summary

Client: JACOBS Engineering Group, Inc. **SDG No.:** Q2234

Project: Former Schlumberger STC PTC Site D3868221 **Run No.:** LB136018

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID LB136018BSW								
Bromide	mg/L	10	10.3		103	1	90-110	06/05/2025
Chloride	mg/L	3	3.10		103	1	90-110	06/05/2025
Fluoride	mg/L	2	2.00		100	1	90-110	06/05/2025
Nitrite	mg/L	3	3.10		103	1	90-110	06/05/2025
Nitrate	mg/L	2.5	2.60		104	1	90-110	06/05/2025
Sulfate	mg/L	15	15.3		102	1	90-110	06/05/2025
Orthophosphate as P	mg/L	5	5.30		106	1	90-110	06/05/2025

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Laboratory Control Sample Summary

Client: JACOBS Engineering Group, Inc. **SDG No.:** Q2234

Project: Former Schlumberger STC PTC Site D3868221 **Run No.:** LB136018

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID LB136018BSW2								
Bromide	mg/L	10	10.3		103	1	90-110	06/06/2025
Chloride	mg/L	3	3.10		103	1	90-110	06/06/2025
Fluoride	mg/L	2	2.00		100	1	90-110	06/06/2025
Nitrite	mg/L	3	3.10		103	1	90-110	06/06/2025
Nitrate	mg/L	2.5	2.60		104	1	90-110	06/06/2025
Sulfate	mg/L	15	15.4		103	1	90-110	06/06/2025
Orthophosphate as P	mg/L	5	5.40		108	1	90-110	06/06/2025

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Laboratory Control Sample Summary

Client:	JACOBS Engineering Group, Inc.	**SDG No.:**	Q2234
Project:	Former Schlumberger STC PTC Site D3868221	**Run No.:**	LB136041

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID LB136041BS								
TDS	mg/L	100	95.0		95	1	90-110	06/06/2025

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Laboratory Control Sample Summary

Client:	JACOBS Engineering Group, Inc.	**SDG No.:**	Q2234
Project:	Former Schlumberger STC PTC Site D3868221	**Run No.:**	LB136092

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID **LB136092BSW**								
Alkalinity	mg/L	50	53.7		107	1	80-120	06/10/2025

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

Instrument ID: IC-1

Daily Analysis Runlog For Sequence/QCBatch ID # LB136018

Review By	rubina	Review On	6/10/2025 10:15:09 AM
Supervise By	Iwona	Supervise On	6/10/2025 11:29:48 AM
SubDirectory	LB136018	Test	Anions

STD. NAME	STD REF.#
ICAL Standard	WP113186,WP113187,WP113188,WP113189,WP113190,WP113191,WP113192
ICV Standard	WP113193
CCV Standard	WP113391,WP113409
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	WP113392,WP113410
Chk Standard	WP113194,WP113195

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	STD1	STD1	CAL1	05/22/25 11:09	All standards, samples, and	NF/IZ	OK
2	STD2	STD2	CAL2	05/22/25 11:30	QC are filtered through	NF/IZ	OK
3	STD3	STD3	CAL3	05/22/25 11:52	0.45um, filter lot W3160	NF/IZ	OK
4	STD4	STD4	CAL4	05/22/25 12:13		NF/IZ	OK
5	STD5	STD5	CAL5	05/22/25 12:35		NF/IZ	OK
6	STD6	STD6	CAL6	05/22/25 12:56		NF/IZ	OK
7	STD7	STD7	CAL7	05/22/25 13:17		NF/IZ	OK
8	ICV1	ICV1	ICV	05/22/25 13:39		NF/IZ	OK
9	ICB1	ICB1	ICB	05/22/25 14:22		NF/IZ	OK
10	CCV1	CCV1	CCV	06/05/25 14:09		NF/IZ	OK
11	CCB1	CCB1	CCB	06/05/25 14:31		NF/IZ	OK
12	LB136018BLW	LB136018BLW	MB	06/05/25 14:52		NF/IZ	OK
13	LB136018BSW	LB136018BSW	LCS	06/05/25 15:14		NF/IZ	OK
14	Q2234-01	MW-17B-55-060425	SAM	06/05/25 15:35	CL high	NF/IZ	Dilution
15	Q2234-02	MW-17B-55-060425M	MS	06/05/25 15:57	9.5ml of sample, 0.5mL W3092	NF/IZ	OK
16	Q2234-03	MW-17B-55-060425M	MSD	06/05/25 16:19	9.5ml of sample, 0.5mL W3092	NF/IZ	OK
17	Q2234-05	MW-18B-56-060425	SAM	06/05/25 16:40	CL,SO4 high	NF/IZ	Dilution
18	Q2234-06	MW-18B-56-060425-F	SAM	06/05/25 17:02	CL,SO4 high	NF/IZ	Dilution

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Review By	rubina	Review On	6/10/2025 10:15:09 AM
Supervise By	Iwona	Supervise On	6/10/2025 11:29:48 AM
SubDirectory	LB136018	Test	Anions

STD. NAME	STD REF.#
ICAL Standard	WP113186,WP113187,WP113188,WP113189,WP113190,WP113191,WP113192
ICV Standard	WP113193
CCV Standard	WP113391,WP113409
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	WP113392,WP113410
Chk Standard	WP113194,WP113195

19	Q2234-07	MW-19B-72-060425	SAM	06/05/25 17:23	CL,SO4 high	NF/IZ	Dilution
20	Q2234-01DL	MW-17B-55-060425D	SAM	06/05/25 17:44	5X for CL	NF/IZ	Confirms
21	Q2234-05DL	MW-18B-56-060425D	SAM	06/05/25 18:27	10X for CL,SO4	NF/IZ	Confirms
22	CCV2	CCV2	CCV	06/05/25 18:49		NF/IZ	OK
23	CCB2	CCB2	CCB	06/05/25 19:10		NF/IZ	OK
24	CCV3	CCV3	CCV	06/06/25 10:29		NF/IZ	OK
25	CCB3	CCB3	CCB	06/06/25 10:51		NF/IZ	OK
26	LB136018BLW2	LB136018BLW2	MB	06/06/25 11:12		NF/IZ	OK
27	LB136018BSW2	LB136018BSW2	LCS	06/06/25 11:34		NF/IZ	OK
28	Q2250-05	EB02-060525	SAM	06/06/25 11:55		NF/IZ	OK
29	Q2234-06DL	MW-18B-56-060425-F	SAM	06/06/25 12:17	10X for CL,SO4	NF/IZ	Confirms
30	Q2234-07DL	MW-19B-72-060425D	SAM	06/06/25 12:38	20X for CL,SO4	NF/IZ	Confirms
31	CCV4	CCV4	CCV	06/06/25 13:00		NF/IZ	OK
32	CCB4	CCB4	CCB	06/06/25 13:21		NF/IZ	OK

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Instrument ID: WC SC-3

Daily Analysis Runlog For Sequence/QCBatch ID # LB136041

Review By	jignesh	Review On	6/9/2025 10:21:18 AM
Supervise By	Iwona	Supervise On	6/9/2025 1:13:30 PM
SubDirectory	LB136041	Test	TDS

STD. NAME	STD REF.#
ICAL Standard	N/A
ICV Standard	N/A
CCV Standard	N/A
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	N/A
Chk Standard	N/A

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	LB136041BL	LB136041BL	MB	06/06/25 12:30		jignesh	OK
2	LB136041BS	LB136041BS	LCS	06/06/25 12:30		jignesh	OK
3	Q2231-01	MW-10D-20250604	SAM	06/06/25 12:30		jignesh	OK
4	Q2231-03	MW-15-20250604	SAM	06/06/25 12:30		jignesh	OK
5	Q2231-04	MW-16D-20250604	SAM	06/06/25 12:30		jignesh	OK
6	Q2231-05	MW-17-20250604	SAM	06/06/25 12:30		jignesh	OK
7	Q2231-05DUP	MW-17-20250604DUP	DUP	06/06/25 12:30		jignesh	OK
8	Q2234-01	MW-17B-55-060425	SAM	06/06/25 12:30		jignesh	OK
9	Q2234-05	MW-18B-56-060425	SAM	06/06/25 12:30		jignesh	OK
10	Q2234-06	MW-18B-56-060425-F	SAM	06/06/25 12:30		jignesh	OK
11	Q2234-07	MW-19B-72-060425	SAM	06/06/25 12:30		jignesh	OK
12	Q2250-05	EB02-060525	SAM	06/06/25 12:30		jignesh	OK
13	Q2253-02	RW8-SP303-2025060	SAM	06/06/25 12:30		jignesh	OK

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Instrument ID: TITRATOR

Daily Analysis Runlog For Sequence/QCBatch ID # LB136092

Review By	rubina	Review On	6/11/2025 4:48:54 PM
Supervise By	Iwona	Supervise On	6/11/2025 4:49:13 PM
SubDirectory	LB136092	Test	Alkalinity

STD. NAME	STD REF.#
ICAL Standard	N/A
ICV Standard	N/A
CCV Standard	N/A
ICSA Standard	N/A
CRI Standard	N/A
LCS Standard	WP113464
Chk Standard	W3071,W3178,W3150

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	LB136092BLW	LB136092BLW	MB	06/10/25 11:15	pH=3.96	Iwona	OK
2	LB136092BSW	LB136092BSW	LCS	06/10/25 11:19	pH=4.38	Iwona	OK
3	Q2234-01	MW-17B-55-060425	SAM	06/10/25 11:25	pH=4.28	Iwona	OK
4	Q2234-01DUP	MW-17B-55-060425D	DUP	06/10/25 11:28	pH=4.32	Iwona	OK
5	Q2234-05	MW-18B-56-060425	SAM	06/10/25 11:33	pH=4.28	Iwona	OK
6	Q2234-06	MW-18B-56-060425-F	SAM	06/10/25 11:37	pH=4.36	Iwona	OK
7	Q2234-07	MW-19B-72-060425	SAM	06/10/25 11:42	pH=4.42	Iwona	OK
8	Q2250-05	EB02-060525	SAM	06/10/25 11:46	pH=4.33	Iwona	OK

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LAB CHRONICLE

OrderID:	Q2234	**OrderDate:**	6/5/2025 10:52:00 AM
Client:	JACOBS Engineering Group, Inc.	**Project:**	Former Schlumberger STC PTC Site D3868221
Contact:	John Ynfante	**Location:**	N31,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2234-01	**MW-17B-55-060425**	**WATER**			**06/04/25 11:40**			**06/05/25**
			Alkalinity	SM2320 B			06/10/25 11:25	
			Anions Group1	9056A			06/05/25 15:35	
			TDS	SM2540 C			06/06/25 12:30	
Q2234-01DL	**MW-17B-55-060425DL**	**WATER**			**06/04/25 11:40**			**06/05/25**
			Anions Group1	9056A			06/05/25 17:44	
Q2234-05	**MW-18B-56-060425**	**WATER**			**06/04/25 12:30**			**06/05/25**
			Alkalinity	SM2320 B			06/10/25 11:33	
			Anions Group1	9056A			06/05/25 16:40	
			TDS	SM2540 C			06/06/25 12:30	
Q2234-05DL	**MW-18B-56-060425DL**	**WATER**			**06/04/25 12:30**			**06/05/25**
			Anions Group1	9056A			06/05/25 18:27	
Q2234-06	**MW-18B-56-060425-FD**	**WATER**			**06/04/25 12:50**			**06/05/25**
			Alkalinity	SM2320 B			06/10/25 11:37	

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LAB CHRONICLE

			Anions Group1	9056A		06/05/25 17:02	
			TDS	SM2540 C		06/06/25 12:30	
Q2234-06DL	**MW-18B-56-060425-FDDL**	**WATER**			**06/04/25 12:50**		**06/05/25**
			Anions Group1	9056A		06/06/25 12:17	
Q2234-07	**MW-19B-72-060425**	**WATER**			**06/04/25 15:50**		**06/05/25**
			Alkalinity	SM2320 B		06/10/25 11:42	
			Anions Group1	9056A		06/05/25 17:23	
			TDS	SM2540 C		06/06/25 12:30	
Q2234-07DL	**MW-19B-72-060425DL**	**WATER**			**06/04/25 15:50**		**06/05/25**
			Anions Group1	9056A		06/06/25 12:38	

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. Q2234
COC Number 2046478

9
9.1

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: Jacobs
ADDRESS: 412 Mt. Kemble Ave., Suite 100
CITY Morristown STATE: NJ ZIP: 07960
ATTENTION: John Infante, John.Infante@Jacobs.com
PHONE: FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: STC Princeton
PROJECT NO.: D3868221 LOCATION: Princeton Junction
PROJECT MANAGER: Mary Murphy
e-mail: Mary.Murphy@Jacobs.com
PHONE: FAX:

CLIENT BILLING INFORMATION

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

DATA TURNAROUND INFORMATION

FAX (RUSH) Standard TAT DAYS*
HARDCOPY (DATA PACKAGE): DAYS*
EDD: DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

- ☐ Level 1 (Results Only)
- ☐ Level 2 (Results + QC)
- ☑ Level 3 (Results + QC + Raw Data)
- ☐ Level 4 (QC + Full Raw Data)
- ☐ NJ Reduced
- ☐ US EPA CLP
- ☐ NYS ASP A
- ☐ NYS ASP B
- ☐ Other
- ☐ EDD FORMAT

ANALYSIS

1: Site Specific VOCs (8260D-Long)
2: 1,4-Dioxane (8270E-SIM)
3: Total Metals (6020B)
4: Dissolved Iron (6020B)
5: Alkalinity (SM 2320B)
6: TDS (SM 2540C)
7: Anions (9056)
8: Trace VOCs (SEAMOL 1-SIM)
9:

PRESERVATIVES

COMMENTS

← Specify Preservatives
A-HCl D-NaOH
B-HNO3 E-ICE
C-H2SO4 F-OTHER

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	1	2	3	4	5	6	7	8	9	COMMENTS
								A/E	E	B/E	B/E	E	E	E	A/E		
1.	MW-17B-55-060425	GW		X	6/4/25	1140	20	X	X	X	X	X	X	X			MS/MSD*
2.	MW-17B-55-060425-SIM	GW		X	6/4/25	1145	3								X		
3.	MW-18B-56-060425	GW		X	6/4/25	1230	7		X	X	X	X	X	X			
4.	MW-18B-56-060425-FD	GW		X	6/4/25	1250	7		X	X	X	X	X	X			
5.	MW-19B-72-060425	GW		X	6/4/25	1550	7		X	X	X	X	X	X			
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.	6/4/25 1830	1. 6-5-25 0700
2.		2.
3.		3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 1.8°C °C
Comments: See work order for list of site specific VOCs
*MW-17B MS/MSD is for total metals, dissolved iron, alkalinity, TDS, and anions only
- Dissolved iron is field filtered
- PO# 4800643111, 3 sample coolers

Page 1 of 2
CLIENT: ☐ Hand Delivered ☐ Other
Shipment Complete ☐ YES ☐ NO

WHITE - ALLIANCE COPY FOR RETURN TO CLIENT YELLOW - ALLIANCE COPY PINK - SAMPLER COPY

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

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2234 JACO05
Client Name : JACOBS Engineering Grou
Client Contact : John Ynfante
Invoice Name : JACOBS Engineering Grou
Invoice Contact : John Ynfante

Order Date : 6/5/2025 10:52:00 AM
Project Name : Former Schlumberger STC
Receive DateTime : 6/5/2025 7:00:00 AM
Purchase Order :

Project Mgr :
Report Type : Level ~~4~~ 3
EDD Type : CH2MHILL
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q2234-01	MW-17B-55-060425	Water	06/04/2025	11:40					
					VOCMS Group3		8260-Low		10 Bus. Days
Q2234-04	MW-17B-55-060425-SIM	Water	06/04/2025	~~11:40~~ 11:45	VOC-TRACE-SFAM		SFAM_Trace		10 Bus. Days

Relinguished By : [signature]
Date / Time : 6/5/25 12:10

Received By : [signature]
Date / Time : 06/05/25 - 12:10
Storage Area : VOA Refridgerator Room