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Hit Summary Sheet
SW-846

SDG No.: Q1690
Client: G Environmental

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



SAMPLE DATA

Report of Analysis

Client:	G Environmental	Date Collected:	03/31/25
Project:	TGP	Date Received:	04/01/25
Client Sample ID:	MW112010	SDG No.:	Q1690
Lab Sample ID:	Q1690-01	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
BN036819.D	1	04/02/25 14:40	04/03/25 13:00	PB167430

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	0.33		30 (20) - 150 (139)	83%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.42		30 (30) - 150 (150)	104%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.28		30 (27) - 130 (154)	70%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.24		30 (25) - 130 (149)	61%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.36		30 (54) - 130 (175)	91%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	2450	7.695			
1146-65-2	Naphthalene-d8	6320	10.477			
15067-26-2	Acenaphthene-d10	4480	14.334			
1517-22-2	Phenanthrene-d10	9360	17.074			
1719-03-5	Chrysene-d12	9510	21.268			
1520-96-3	Perylene-d12	8770	23.51			

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

Surrogate Summary

SW-846

SDG No.: **Q1690**

Client: **G Environmental**

Analytical Method: **8270-Modified**

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
PB167430BL	PB167430BL	2-Methylnaphthalene-d10	0.4	0.35	87		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.39	97		30 (30)	150 (150)
		Nitrobenzene-d5	0.4	0.33	82		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.35	87		30 (25)	130 (149)
		Terphenyl-d14	0.4	0.37	91		30 (54)	130 (175)
PB167430BS	PB167430BS	2-Methylnaphthalene-d10	0.4	0.40	101		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.35	88		30 (30)	150 (150)
		Nitrobenzene-d5	0.4	0.31	77		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.35	88		30 (25)	130 (149)
		Terphenyl-d14	0.4	0.34	86		30 (54)	130 (175)
PB167430BSD	PB167430BSD	2-Methylnaphthalene-d10	0.4	0.43	108		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.35	86		30 (30)	150 (150)
		Nitrobenzene-d5	0.4	0.31	78		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.35	87		30 (25)	130 (149)
		Terphenyl-d14	0.4	0.36	90		30 (54)	130 (175)
Q1690-01	MW112010	2-Methylnaphthalene-d10	0.4	0.33	83		30 (20)	150 (139)
		Fluoranthene-d10	0.4	0.42	104		30 (30)	150 (150)
		Nitrobenzene-d5	0.4	0.28	70		30 (27)	130 (154)
		2-Fluorobiphenyl	0.4	0.24	61		30 (25)	130 (149)
		Terphenyl-d14	0.4	0.36	91		30 (54)	130 (175)

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1690

Client: G Environmental

Analytical Method: 8270-Modified DataFile: BN036826.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB167430BS	1,4-Dioxane	0.4	0.35	ug/L	88				20 (42)	160 (127)	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1690

Client: G Environmental

Analytical Method: 8270-Modified DataFile: BN036827.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		
								Qual	Low	High	RPD
PB167430BSD	1,4-Dioxane	0.4	0.35	ug/L	88	0			20 (42)	160 (127)	20 (20)

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB167430BL

Lab Name: CHEMTECH

Contract: GENV01

Lab Code: CHEM Case No.: Q1690

SAS No.: Q1690 SDG NO.: Q1690

Lab File ID: BN036818.D

Lab Sample ID: PB167430BL

Instrument ID: BNA_N

Date Extracted: 04/02/2025

Matrix: (soil/water) Water

Date Analyzed: 04/03/2025

Level: (low/med) LOW

Time Analyzed: 12:24

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB167430BS	PB167430BS	BN036826.D	04/03/2025
MW112010	Q1690-01	BN036819.D	04/03/2025
PB167430BSD	PB167430BSD	BN036827.D	04/03/2025

COMMENTS: _____

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: GENV01

Lab Code: CHEM

SAS No.: Q1690

SDG NO.: Q1690

Lab File ID: BN036556.D

DFTPP Injection Date: 03/10/2025

Instrument ID: BNA_N

DFTPP Injection Time: 11:03

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	58.6
68	Less than 2.0% of mass 69	0.0 (0.0) 1
69	Mass 69 relative abundance	52.3
70	Less than 2.0% of mass 69	0.3 (0.7) 1
127	10.0 - 80.0% of mass 198	50.7
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	24.8
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	9.3
442	Greater than 50% of mass 198	55.6
443	15.0 - 24.0% of mass 442	10.9 (19.6) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC0.1	SSTDICC0.1	BN036557.D	03/10/2025	11:42
SSTDICC0.2	SSTDICC0.2	BN036558.D	03/10/2025	12:18
SSTDICCC0.4	SSTDICCC0.4	BN036559.D	03/10/2025	12:54
SSTDICC0.8	SSTDICC0.8	BN036560.D	03/10/2025	13:31
SSTDICC1.6	SSTDICC1.6	BN036561.D	03/10/2025	14:07
SSTDICC3.2	SSTDICC3.2	BN036562.D	03/10/2025	14:43
SSTDICC5.0	SSTDICC5.0	BN036563.D	03/10/2025	15:19

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: GENV01

Lab Code: CHEM

SAS No.: Q1690 SDG NO.: Q1690

Lab File ID: BN036816.D

DFTPP Injection Date: 04/03/2025

Instrument ID: BNA_N

DFTPP Injection Time: 11:08

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	69.1
68	Less than 2.0% of mass 69	0.6 (1.1) 1
69	Mass 69 relative abundance	56.8
70	Less than 2.0% of mass 69	0.1 (0.2) 1
127	10.0 - 80.0% of mass 198	51.4
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	24.2
365	Greater than 1% of mass 198	4.3
441	Present, but less than mass 443	8.6
442	Greater than 50% of mass 198	51.1
443	15.0 - 24.0% of mass 442	10 (19.5) 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	BN036817.D	04/03/2025	11:47
PB167430BL	PB167430BL	BN036818.D	04/03/2025	12:24
MW112010	Q1690-01	BN036819.D	04/03/2025	13:00
PB167430BS	PB167430BS	BN036826.D	04/03/2025	17:14
PB167430BSD	PB167430BSD	BN036827.D	04/03/2025	17:50

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1690 SAS No.: Q1690 SDG NO.: Q1690

EPA Sample No.: SSTDCCC0.4 Date Analyzed: 04/03/2025

Lab File ID: BN036817.D Time Analyzed: 11:47

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	2349	7.696	5586	10.48	3520	14.33
UPPER LIMIT	4698	8.196	11172	10.977	7040	14.834
LOWER LIMIT	1174.5	7.196	2793	9.977	1760	13.834
EPA SAMPLE NO.						
01 PB167430BL	2093	7.70	4883	10.48	2586	14.33
02 MW112010	2445	7.70	6318	10.48	4484	14.33
03 PB167430BS	2292	7.70	5542	10.48	3005	14.33
04 PB167430BSD	2152	7.70	5190	10.48	2805	14.33

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.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1690 SAS No.: Q1690 SDG NO.: Q1690

EPA Sample No.: SSTDCCC0.4 Date Analyzed: 04/03/2025

Lab File ID: BN036817.D Time Analyzed: 11:47

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	7454	17.074	6815	21.268	6111	23.514
UPPER LIMIT	14908	17.574	13630	21.768	12222	24.014
LOWER LIMIT	3727	16.574	3407.5	20.768	3055.5	23.014
EPA SAMPLE NO.						
01 PB167430BL	5170	17.09	4213	21.28	1585 *	23.52
02 MW112010	9360	17.07	9514	21.27	8772	23.51
03 PB167430BS	6134	17.09	4706	21.28	2869 *	23.52
04 PB167430BSD	5710	17.09	4059	21.28	1954 *	23.52

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

Report of Analysis

Client:	G Environmental		Date Collected:	
Project:	TGP		Date Received:	
Client Sample ID:	PB167430BL		SDG No.:	Q1690
Lab Sample ID:	PB167430BL		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
BN036818.D	1	04/02/25 14:40	04/03/25 12:24	PB167430

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	0.35		30 (20) - 150 (139)	87%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.39		30 (30) - 150 (150)	97%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.33		30 (27) - 130 (154)	82%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.35		30 (25) - 130 (149)	87%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.37		30 (54) - 130 (175)	91%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	2090	7.695			
1146-65-2	Naphthalene-d8	4880	10.477			
15067-26-2	Acenaphthene-d10	2590	14.334			
1517-22-2	Phenanthrene-d10	5170	17.086			
1719-03-5	Chrysene-d12	4210	21.277			
1520-96-3	Perylene-d12	1590	23.522			

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	TGP	Date Received:	
Client Sample ID:	PB167430BS	SDG No.:	Q1690
Lab Sample ID:	PB167430BS	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
BN036826.D	1	04/02/25 14:40	04/03/25 17:14	PB167430

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
123-91-1	1,4-Dioxane	0.35		0.070	0.20	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.40		30 (20) - 150 (139)	101%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.35		30 (30) - 150 (150)	88%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.31		30 (27) - 130 (154)	77%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.35		30 (25) - 130 (149)	88%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.34		30 (54) - 130 (175)	86%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	2290	7.695			
1146-65-2	Naphthalene-d8	5540	10.476			
15067-26-2	Acenaphthene-d10	3010	14.334			
1517-22-2	Phenanthrene-d10	6130	17.086			
1719-03-5	Chrysene-d12	4710	21.276			
1520-96-3	Perylene-d12	2870	23.516			

U = Not Detected

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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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	TGP	Date Received:	
Client Sample ID:	PB167430BSD	SDG No.:	Q1690
Lab Sample ID:	PB167430BSD	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
BN036827.D	1	04/02/25 14:40	04/03/25 17:50	PB167430

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
123-91-1	1,4-Dioxane	0.35		0.070	0.20	ug/L
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.43		30 (20) - 150 (139)	108%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.35		30 (30) - 150 (150)	86%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.31		30 (27) - 130 (154)	78%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.35		30 (25) - 130 (149)	87%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.36		30 (54) - 130 (175)	90%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	2150	7.695			
1146-65-2	Naphthalene-d8	5190	10.477			
15067-26-2	Acenaphthene-d10	2810	14.334			
1517-22-2	Phenanthrene-d10	5710	17.086			
1719-03-5	Chrysene-d12	4060	21.277			
1520-96-3	Perylene-d12	1950	23.516			

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MDL = Method Detection Limit

LOD = Limit of Detection

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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

Method Path : Z:\svoasrv\HPCHEM1\BNA_N\Methods\
 Method File : 8270-SIM-BN031025.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 Last Update : Mon Mar 10 16:06:28 2025
 Response Via : Initial Calibration

Calibration Files

0.1 =BN036557.D 0.2 =BN036558.D 0.4 =BN036559.D 0.8 =BN036560.D 1.6 =BN036561.D 3.2 =BN036562.D 5.0 =BN036563.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	0.434	0.439	0.498	0.451	0.440	0.445	0.399	0.444	6.60
3)	n-Nitrosodimet...	1.112	0.874	0.935	0.841	0.850	0.883	0.789	0.898	11.64
4) S	2-Fluorophenol	0.931	0.908	0.987	0.878	0.914	0.996	0.911	0.932	4.67
5) S	Phenol-d6	1.243	1.057	1.128	1.067	1.133	1.254	1.180	1.152	6.79
6)	bis(2-Chloroet...	1.426	1.150	1.183	1.129	1.132	1.210	1.104	1.190	9.22
7) I	Naphthalene-d8	-----ISTD-----								
8) S	Nitrobenzene-d5	0.572	0.396	0.415	0.401	0.402	0.450	0.411	0.435	14.47
9)	Naphthalene	1.371	1.125	1.206	1.111	1.108	1.222	1.094	1.177	8.45
10)	Hexachlorobuta...	0.296	0.283	0.294	0.267	0.261	0.286	0.251	0.277	6.24
11) SURR2	Methylnaphth...	0.656	0.549	0.606	0.562	0.577	0.633	0.581	0.595	6.55
12)	2-Methylnaphth...	0.810	0.696	0.765	0.703	0.734	0.802	0.731	0.749	6.03
13) I	Acenaphthene-d10	-----ISTD-----								
14) S	2,4,6-Tribromo...	0.181	0.160	0.187	0.169	0.188	0.197	0.188	0.182	7.04
15) S	2-Fluorobiphenyl	2.208	1.982	2.398	2.350	2.364	2.566	2.419	2.327	7.96
16)	Acenaphthylene	1.882	1.756	1.938	1.794	1.834	2.074	1.935	1.888	5.66
17)	Acenaphthene	1.257	1.159	1.281	1.171	1.199	1.339	1.243	1.236	5.17
18)	Fluorene	1.629	1.600	1.764	1.609	1.670	1.778	1.650	1.672	4.32
19) I	Phenanthrene-d10	-----ISTD-----								
20)	4,6-Dinitro-2-...	0.057	0.077	0.075	0.088	0.110	0.111	0.086		24.66
21)	4-Bromophenyl-...	0.243	0.227	0.274	0.238	0.241	0.278	0.253	0.251	7.53
22)	Hexachlorobenzene	0.306	0.288	0.336	0.295	0.283	0.322	0.289	0.303	6.58
23)	Atrazine	0.193	0.191	0.213	0.192	0.200	0.216	0.200	0.201	5.08
24)	Pentachlorophenol	0.140	0.116	0.137	0.122	0.135	0.161	0.155	0.138	11.76
25)	Phenanthrene	1.190	1.111	1.297	1.141	1.165	1.300	1.195	1.200	6.09
26)	Anthracene	1.026	0.971	1.147	1.033	1.075	1.215	1.112	1.083	7.60
27) SURR	Fluoranthene-d10	1.037	0.955	1.116	0.956	1.025	1.087	1.000	1.025	5.98
28)	Fluoranthene	1.341	1.243	1.452	1.272	1.364	1.447	1.316	1.348	5.95
29) I	Chrysene-d12	-----ISTD-----								
30)	Pyrene	1.945	2.005	2.131	1.910	1.870	1.992	1.837	1.956	5.04
31) S	Terphenyl-d14	0.962	0.965	1.028	0.924	0.915	0.987	0.926	0.958	4.23
32)	Benzo(a)anthra...	1.389	1.315	1.437	1.304	1.347	1.528	1.415	1.391	5.63
33)	Chrysene	1.486	1.509	1.610	1.507	1.462	1.616	1.448	1.520	4.44
34)	Bis(2-ethylhex...	1.196	1.100	1.044	0.865	0.946	0.912	0.870	0.990	12.74
35) I	Perylene-d12	-----ISTD-----								

Method Path : Z:\svoasrv\HPCHEM1\BNA_N\Methods\

Method File : 8270-SIM-BN031025.M

36)	Indeno(1,2,3-c...	1.160	1.316	1.546	1.404	1.417	1.693	1.571	1.444	12.27
37)	Benzo(b)fluora...	1.311	1.360	1.547	1.402	1.477	1.595	1.498	1.456	7.04
38)	Benzo(k)fluora...	1.504	1.397	1.620	1.481	1.521	1.635	1.534	1.527	5.34
39) C	Benzo(a)pyrene	1.090	1.152	1.303	1.195	1.223	1.350	1.268	1.226	7.29
40)	Dibenzo(a,h)an...	0.893	0.981	1.163	1.126	1.102	1.351	1.252	1.124	13.76
41)	Benzo(g,h,i)pe...	1.138	1.213	1.382	1.250	1.233	1.449	1.334	1.286	8.36

(#) = Out of Range

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q1690 SAS No.: Q1690 SDG No.: Q1690

Instrument ID: BNA_N Calibration Date/Time: 04/03/2025 11:47

Lab File ID: BN036817.D Init. Calib. Date(s): 03/10/2025 03/10/2025

EPA Sample No.: SSTDCCC0.4 Init. Calib. Time(s): 11:42 15:19

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

COMPOUND	RRF	RRF0.4	MIN RRF	%D	MAX%D
2-Methylnaphthalene-d10	0.595	0.639		7.4	20.0
Fluoranthene-d10	1.025	1.231		20.1	20.0
2-Fluorophenol	0.932	0.987		5.9	20.0
Phenol-d6	1.152	1.200		4.2	20.0
Nitrobenzene-d5	0.435	0.443		1.8	20.0
2-Fluorobiphenyl	2.327	2.227		-4.3	20.0
2,4,6-Tribromophenol	0.182	0.178		-2.2	20.0
Terphenyl-d14	0.958	0.907		-5.3	20.0
1,4-Dioxane	0.444	0.469		5.6	20.0

All other compounds must meet a minimum RRF of 0.010.



SAMPLE RAW DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040325\
 Data File : BN036819.D
 Acq On : 03 Apr 2025 13:00
 Operator : RC/JU
 Sample : Q1690-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MW112010

A
B
C
D
E
F
G
H
I
J
K

Quant Time: Apr 03 13:29:52 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 16:06:28 2025
 Response via : Initial Calibration

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

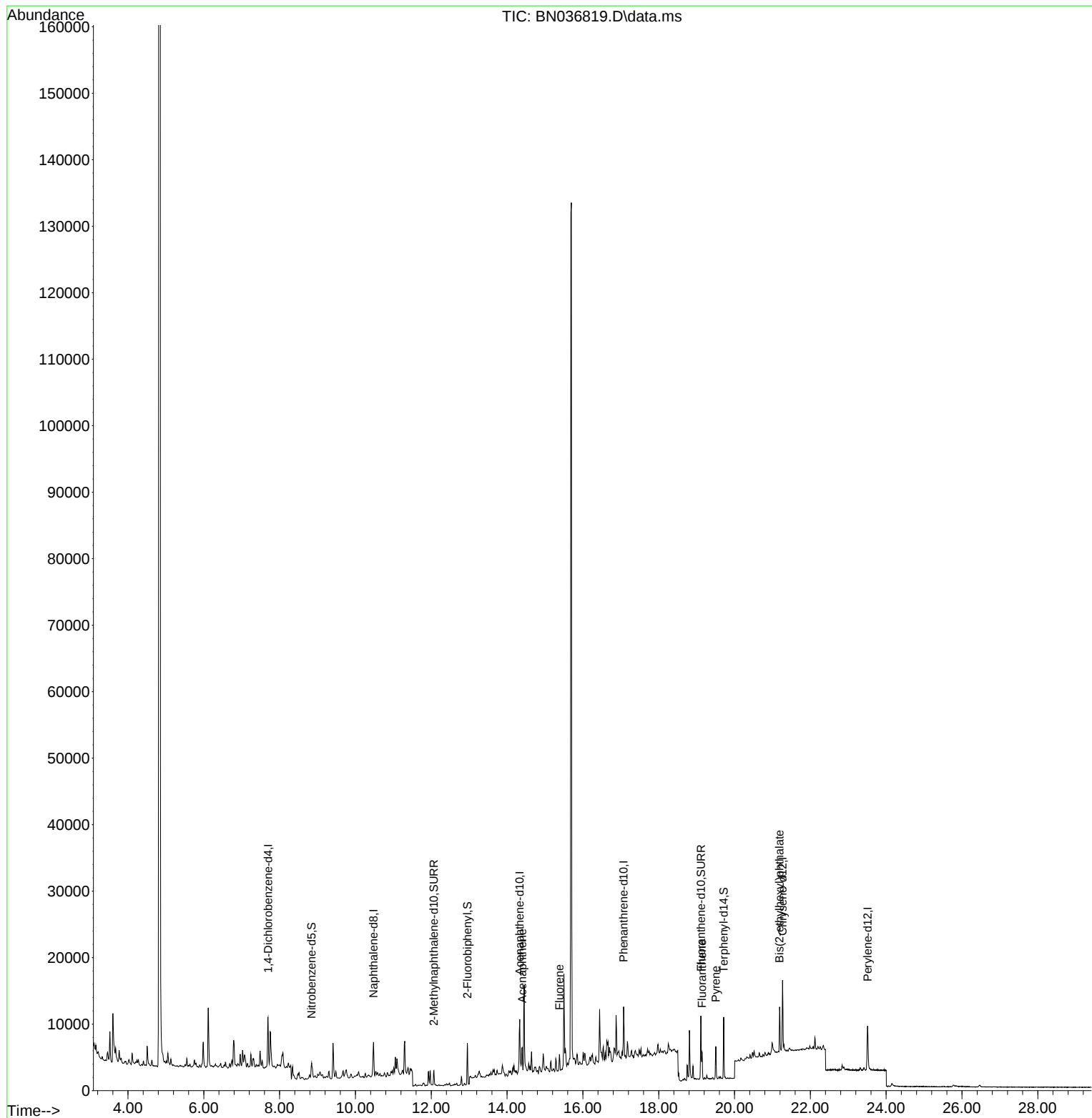
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.695	152	2445	0.400	ng	-0.03
7) Naphthalene-d8	10.477	136	6318	0.400	ng	-0.03
13) Acenaphthene-d10	14.334	164	4484	0.400	ng	-0.03
19) Phenanthrene-d10	17.074	188	9360	0.400	ng	#-0.04
29) Chrysene-d12	21.268	240	9514	0.400	ng	-0.03
35) Perylene-d12	23.510	264	8772	0.400	ng	#-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	0.000	112	0d	0.000	ng	
5) Phenol-d6	0.000	99	0d	0.000	ng	
8) Nitrobenzene-d5	8.843	82	1931	0.281	ng	-0.03
11) 2-Methylnaphthalene-d10	12.070	152	3100	0.330	ng	-0.04
14) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
15) 2-Fluorobiphenyl	12.953	172	6361	0.244	ng	-0.04
27) Fluoranthene-d10	19.113	212	10017	0.418	ng	-0.03
31) Terphenyl-d14	19.712	244	8290	0.364	ng	-0.03
Target Compounds						Qvalue
17) Acenaphthene	14.398	154	1948	0.141	ng	98
18) Fluorene	15.382	166	1289	0.069	ng	# 96
28) Fluoranthene	19.141	202	3419	0.108	ng	97
30) Pyrene	19.508	202	4385	0.094	ng	# 95
34) Bis(2-ethylhexyl)phtha...	21.187	149	6479	0.275	ng	# 90

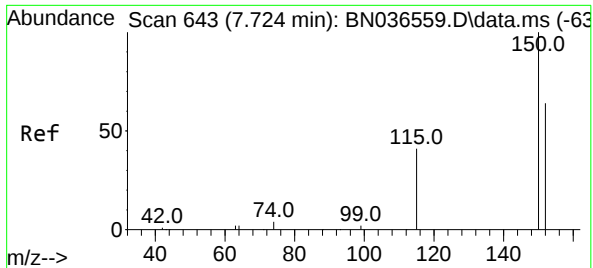
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040325\
Data File : BN036819.D
Acq On : 03 Apr 2025 13:00
Operator : RC/JU
Sample : Q1690-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW112010

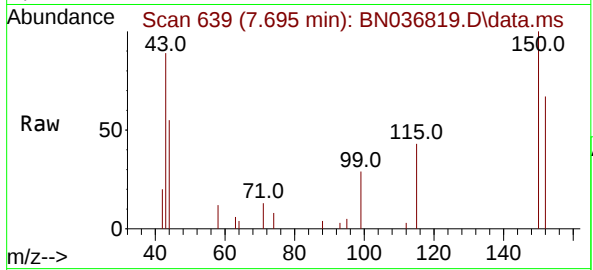
Quant Time: Apr 03 13:29:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 16:06:28 2025
Response via : Initial Calibration



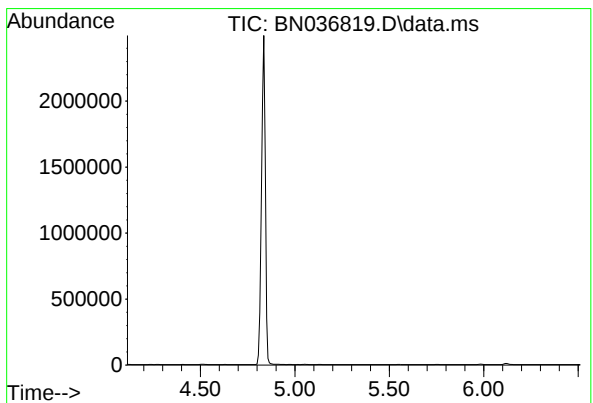
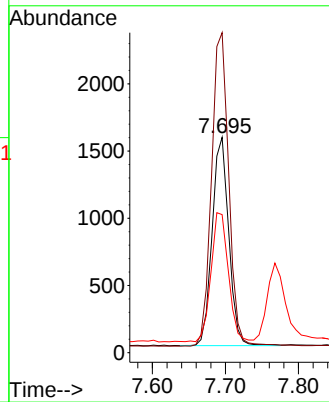
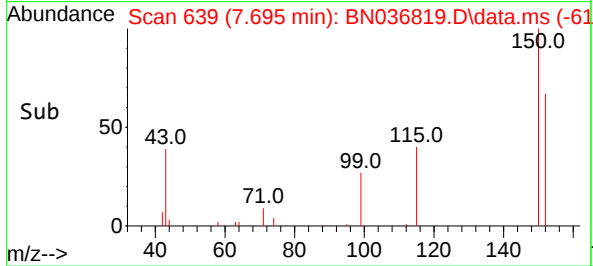


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.695 min Scan# 61
Delta R.T. -0.029 min
Lab File: BN036819.D
Acq: 03 Apr 2025 13:00

Instrument :
BNA_N
ClientSampleId :
MW112010



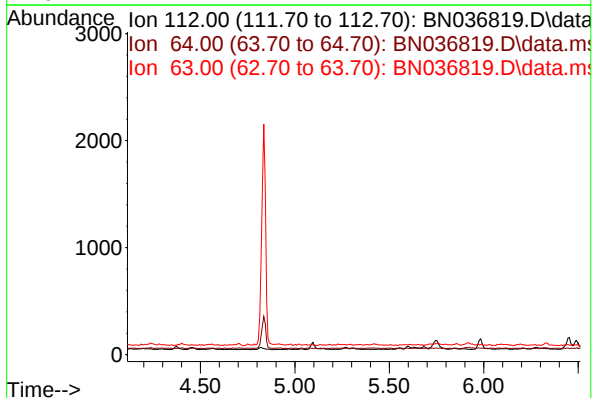
Tgt Ion:152 Resp: 2445
Ion Ratio Lower Upper
152 100
150 148.6 123.7 185.5
115 64.2 54.3 81.5



#4
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.31 min

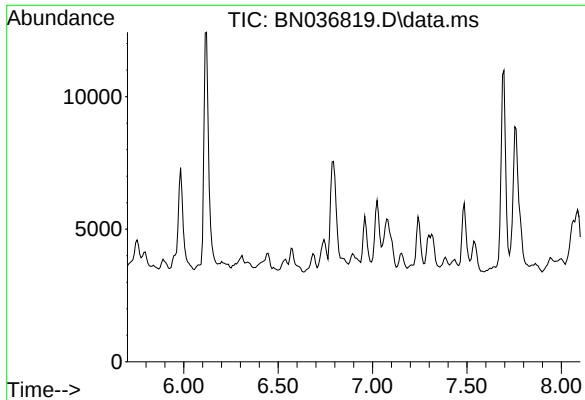
Lab File: BN036819.D
Acq: 03 Apr 2025 13:00

Tgt Ion: 112
Sig Exp Ratio
112 100
64 66.4
63 39.8



Ion 64.00 (63.70 to 64.70): BN036819.D\data.ms

Ion 63.00 (62.70 to 63.70): BN036819.D\data.ms

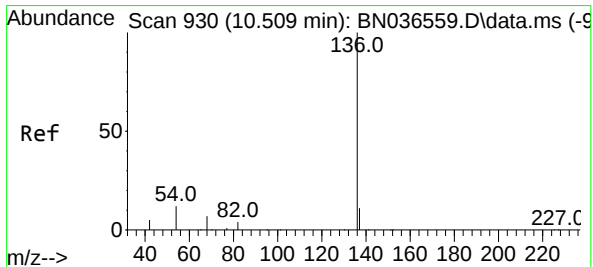
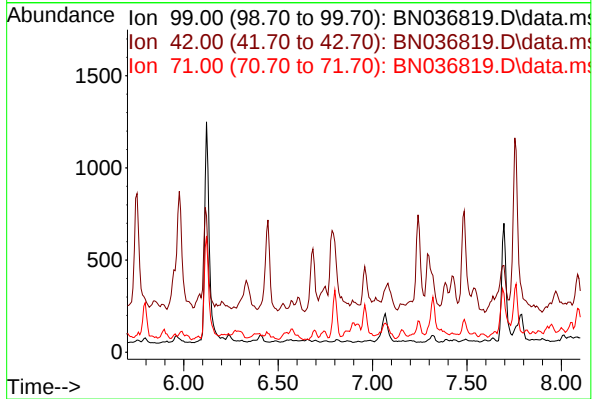


#5
Phenol-d6
Concen: 0.000 ng
Expected RT: 6.90 min

Lab File: BN036819.D
Acq: 03 Apr 2025 13:00

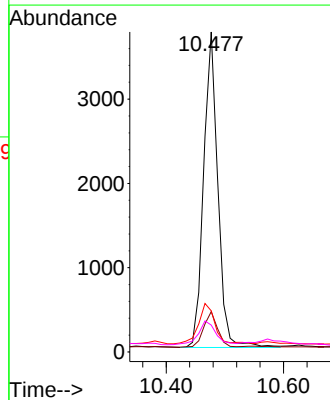
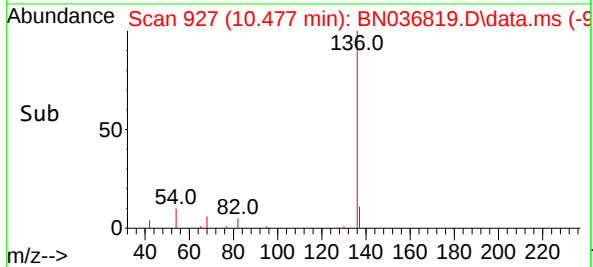
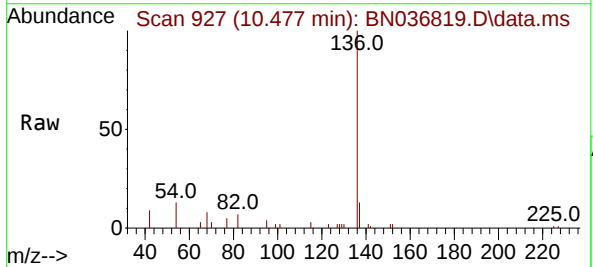
Instrument :
BNA_N
ClientSampleId :
MW112010

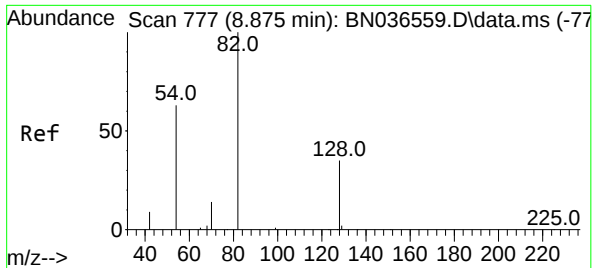
Tgt Ion: 99
Sig Exp Ratio
99 100
42 33.1
71 42.6



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.477 min Scan# 927
Delta R.T. -0.032 min
Lab File: BN036819.D
Acq: 03 Apr 2025 13:00

Tgt Ion:136 Resp: 6318
Ion Ratio Lower Upper
136 100
137 12.6 10.3 15.5
54 12.8 11.5 17.3
68 8.4 7.0 10.4

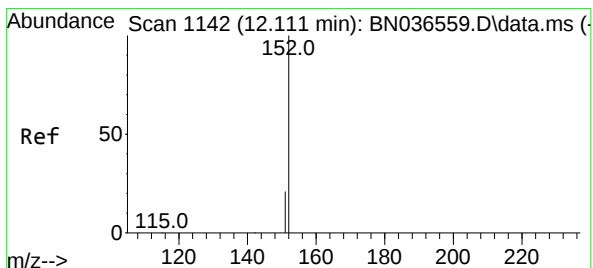
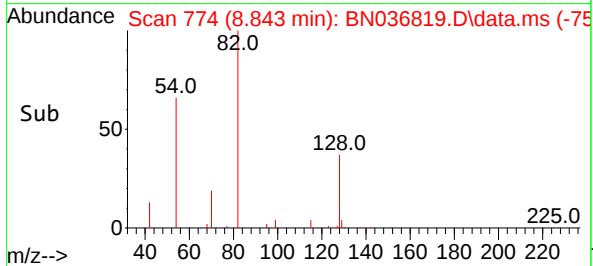
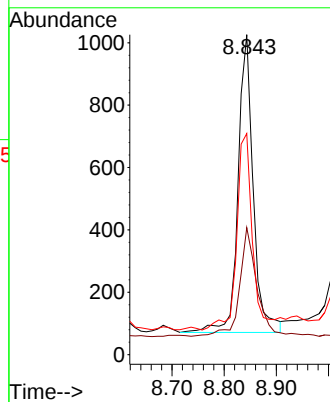
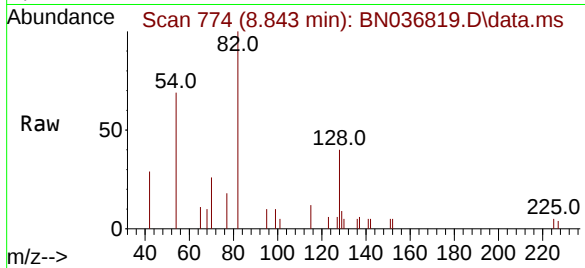




#8
Nitrobenzene-d5
Concen: 0.281 ng
RT: 8.843 min Scan# 71
Delta R.T. -0.032 min
Lab File: BN036819.D
Acq: 03 Apr 2025 13:00

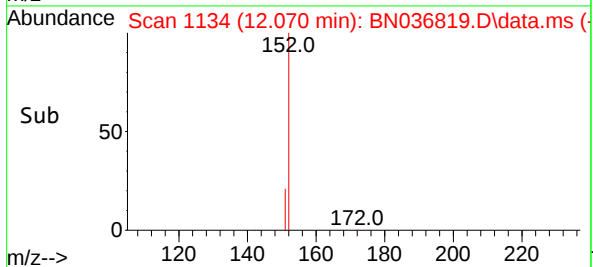
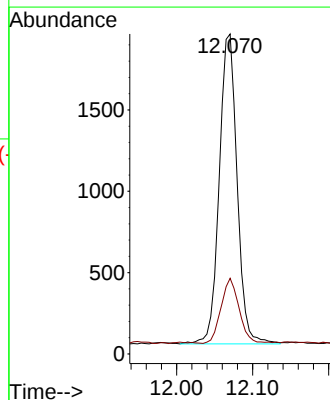
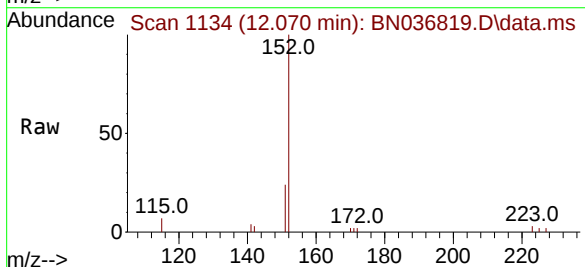
Instrument :
BNA_N
ClientSampleId :
MW112010

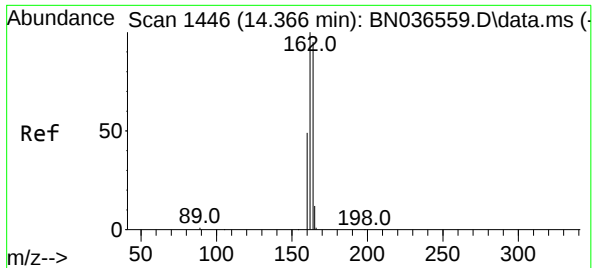
Tgt Ion: 82 Resp: 1931
Ion Ratio Lower Upper
82 100
128 39.7 30.6 45.8
54 69.1 52.2 78.4



#11
2-Methylnaphthalene-d10
Concen: 0.330 ng
RT: 12.070 min Scan# 1134
Delta R.T. -0.040 min
Lab File: BN036819.D
Acq: 03 Apr 2025 13:00

Tgt Ion: 152 Resp: 3100
Ion Ratio Lower Upper
152 100
151 21.3 17.0 25.6

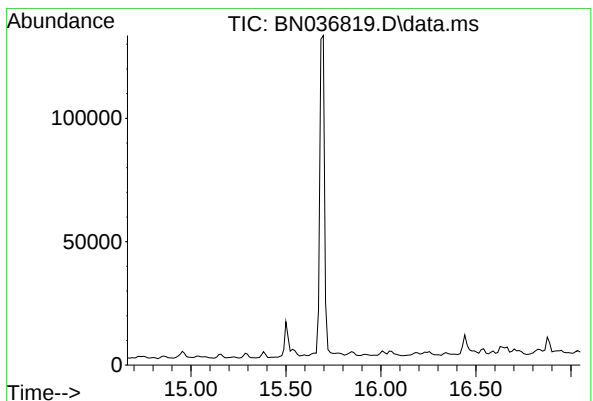
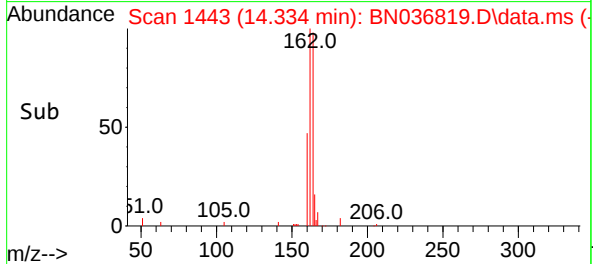
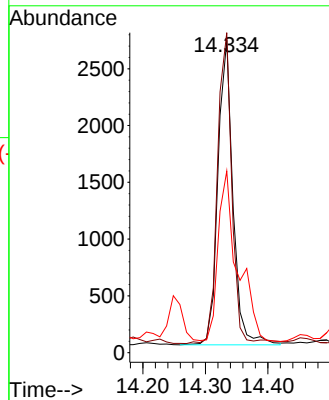
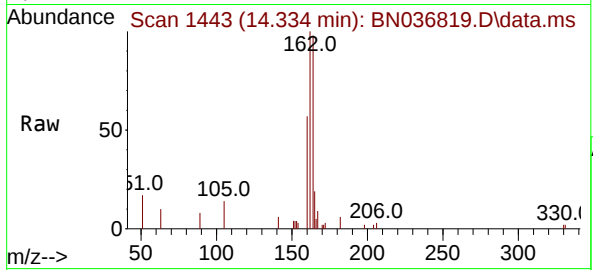




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.334 min Scan# 14
Delta R.T. -0.032 min
Lab File: BN036819.D
Acq: 03 Apr 2025 13:00

Instrument :
BNA_N
ClientSampleId :
MW112010

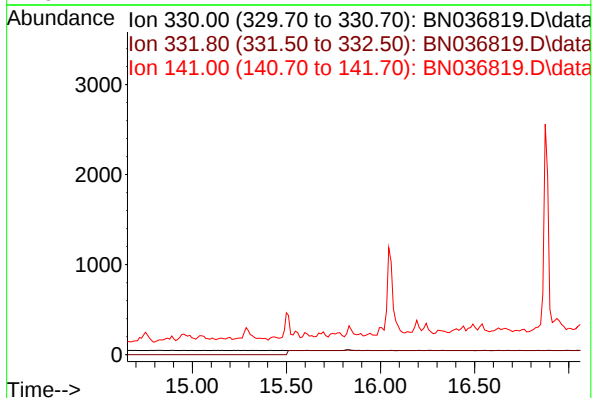
Tgt Ion:	164	Resp:	4484
Ion	Ratio	Lower	Upper
164	100		
162	102.4	84.2	126.2
160	58.1	42.2	63.2

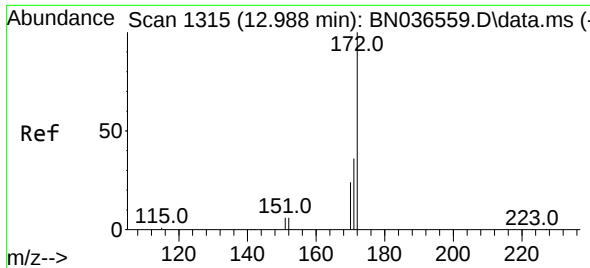


#14
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 15.86 min

Lab File: BN036819.D
Acq: 03 Apr 2025 13:00

Tgt Ion:	330
Sig	Exp Ratio
330	100
332	94.0
141	54.3

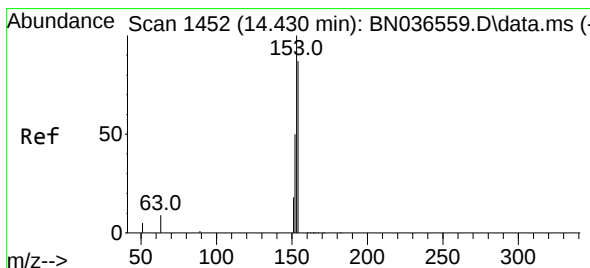
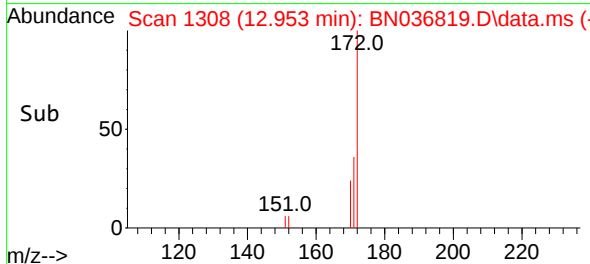
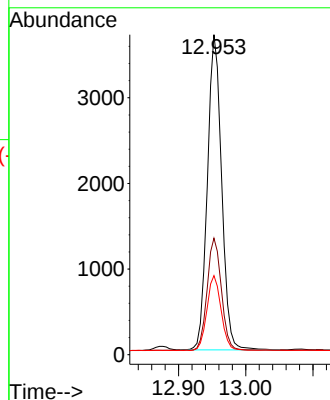
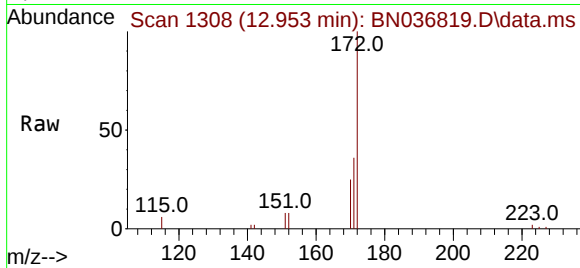




#15
2-Fluorobiphenyl
Concen: 0.244 ng
RT: 12.953 min Scan# 11
Delta R.T. -0.035 min
Lab File: BN036819.D
Acq: 03 Apr 2025 13:00

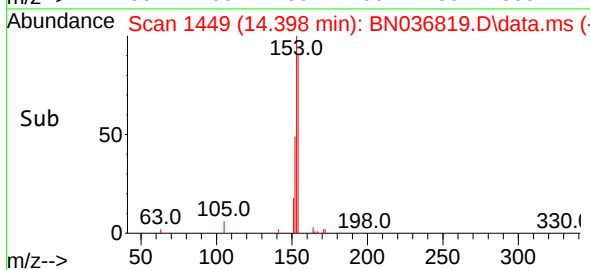
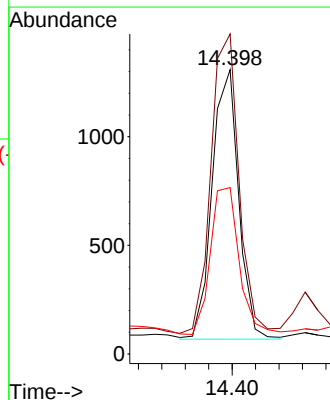
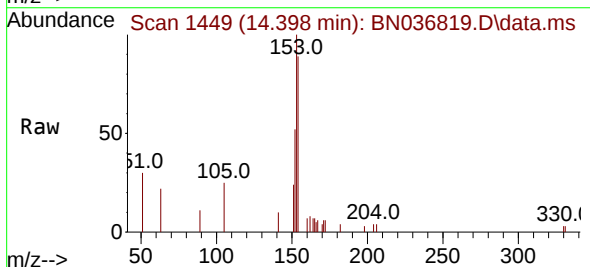
Instrument :
BNA_N
ClientSampleId :
MW112010

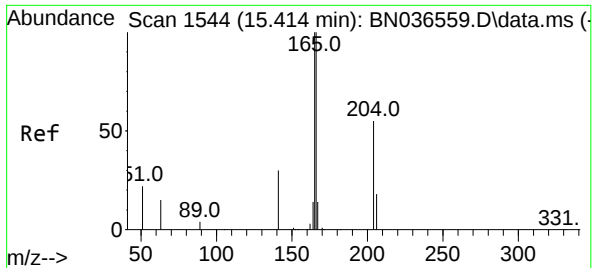
Tgt Ion:172	Resp:	6361
Ion Ratio	Lower	Upper
172	100	
171	36.4	29.5 44.3
170	24.7	20.2 30.4



#17
Acenaphthene
Concen: 0.141 ng
RT: 14.398 min Scan# 1449
Delta R.T. -0.032 min
Lab File: BN036819.D
Acq: 03 Apr 2025 13:00

Tgt Ion:154	Resp:	1948
Ion Ratio	Lower	Upper
154	100	
153	116.1	94.1 141.1
152	58.7	49.8 74.6

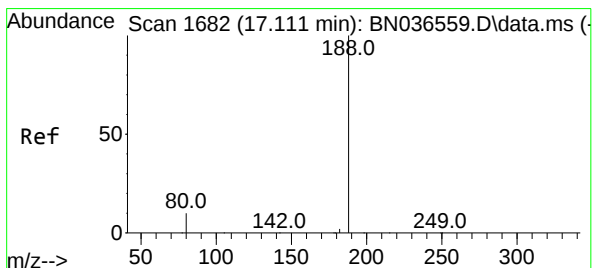
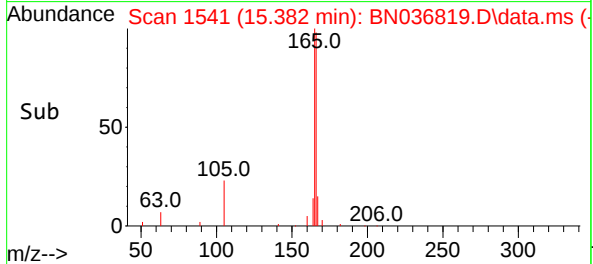
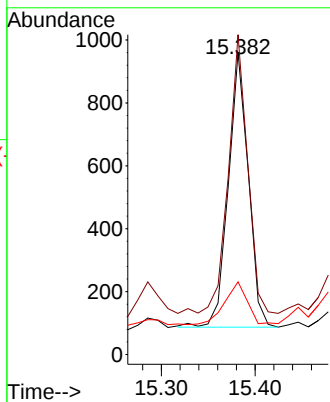
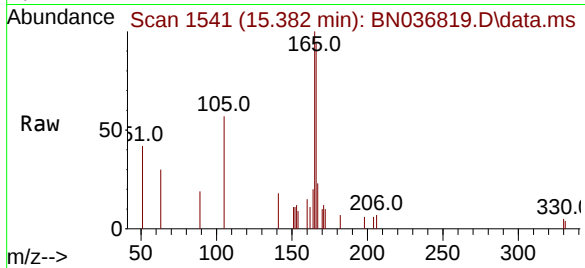




#18
Fluorene
Concen: 0.069 ng
RT: 15.382 min Scan# 1541
Delta R.T. -0.032 min
Lab File: BN036819.D
Acq: 03 Apr 2025 13:00

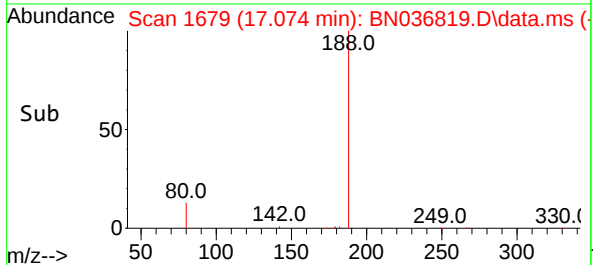
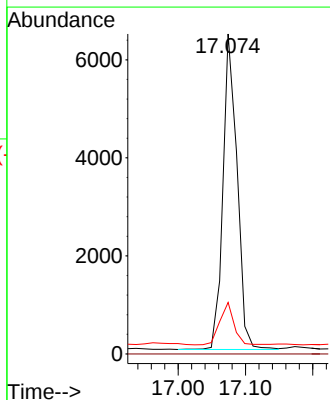
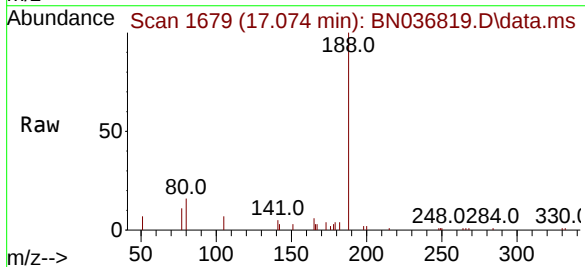
Instrument :
BNA_N
ClientSampleId :
MW112010

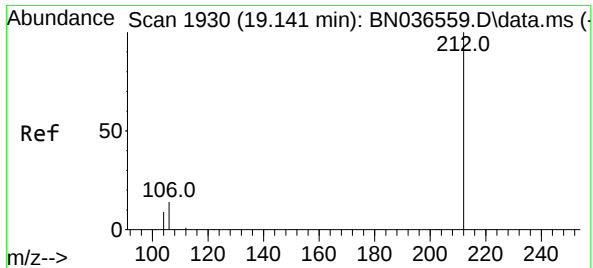
Tgt Ion:166 Resp: 1289
Ion Ratio Lower Upper
166 100
165 97.3 79.8 119.8
167 17.8 10.6 15.8#



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.074 min Scan# 1679
Delta R.T. -0.037 min
Lab File: BN036819.D
Acq: 03 Apr 2025 13:00

Tgt Ion:188 Resp: 9360
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 16.1 8.8 13.2#

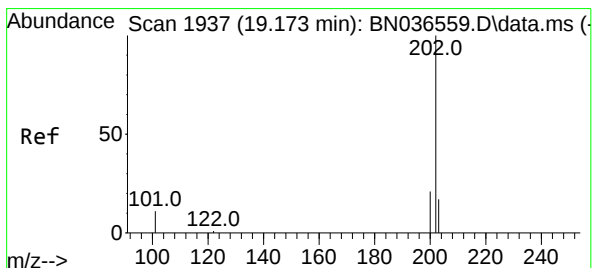
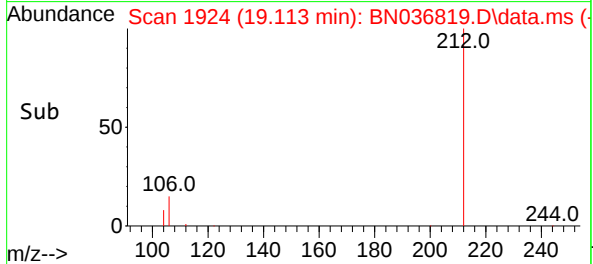
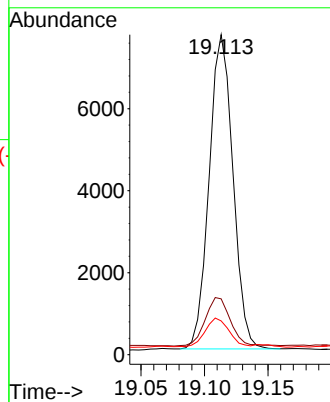
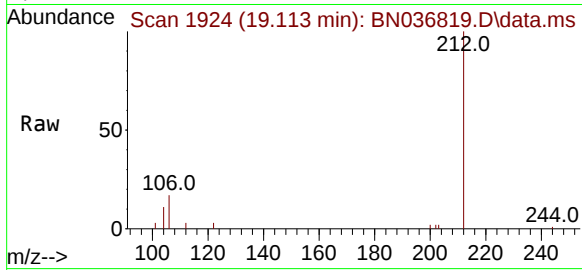




#27
Fluoranthene-d10
Concen: 0.418 ng
RT: 19.113 min Scan# 1911
Delta R.T. -0.028 min
Lab File: BN036819.D
Acq: 03 Apr 2025 13:00

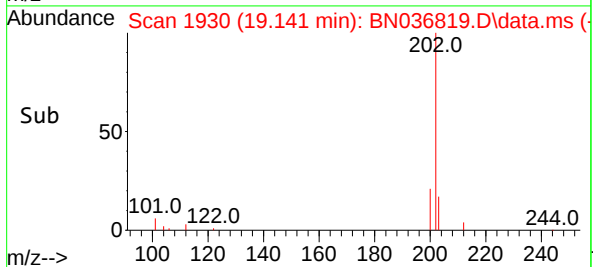
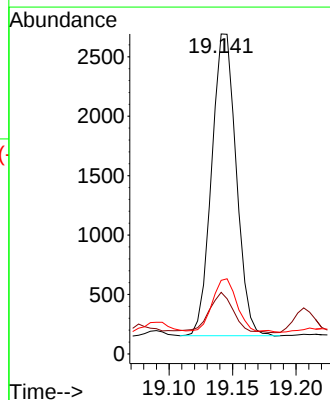
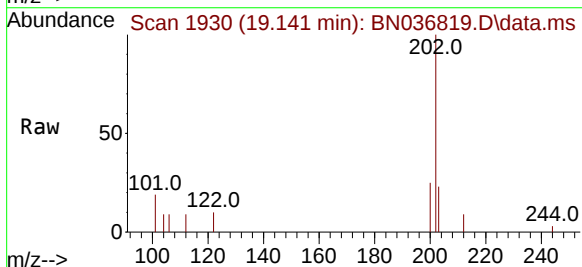
Instrument :
BNA_N
ClientSampleId :
MW112010

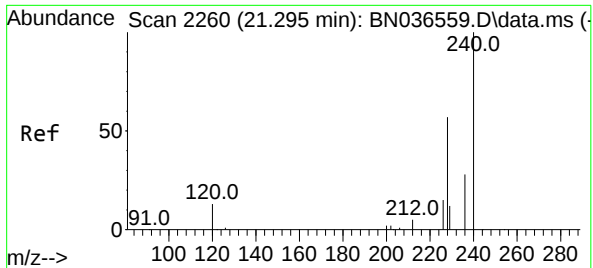
Tgt Ion	Ratio	Lower	Upper
212	100		
106	16.2	11.8	17.6
104	9.3	7.3	10.9



#28
Fluoranthene
Concen: 0.108 ng
RT: 19.141 min Scan# 1930
Delta R.T. -0.032 min
Lab File: BN036819.D
Acq: 03 Apr 2025 13:00

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.5	9.4	14.0
203	17.9	13.5	20.3





#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.268 min Scan# 21

Delta R.T. -0.027 min

Lab File: BN036819.D

Acq: 03 Apr 2025 13:00

Instrument :

BNA_N

ClientSampleId :

MW112010

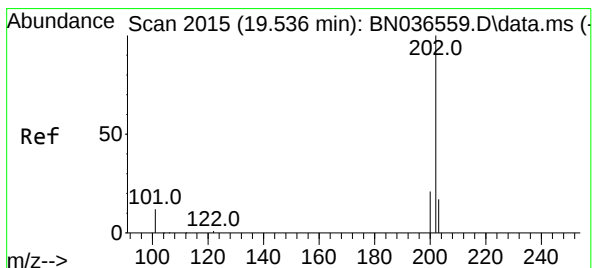
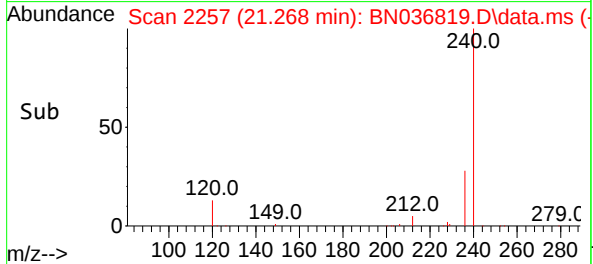
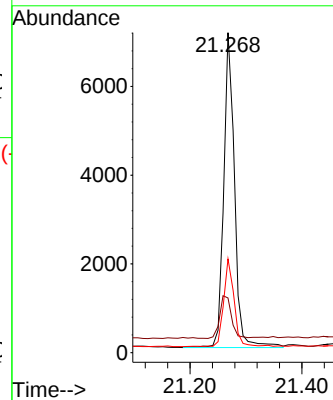
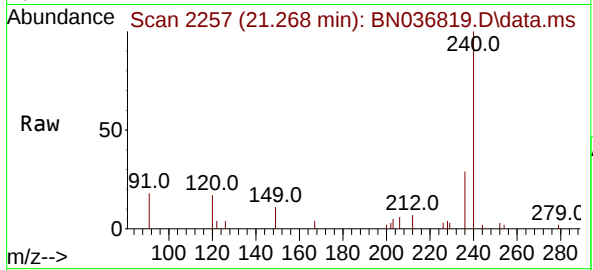
Tgt Ion:240 Resp: 9514

Ion Ratio Lower Upper

240 100

120 17.1 14.6 22.0

236 29.3 24.1 36.1



#30

Pyrene

Concen: 0.094 ng

RT: 19.508 min Scan# 2009

Delta R.T. -0.028 min

Lab File: BN036819.D

Acq: 03 Apr 2025 13:00

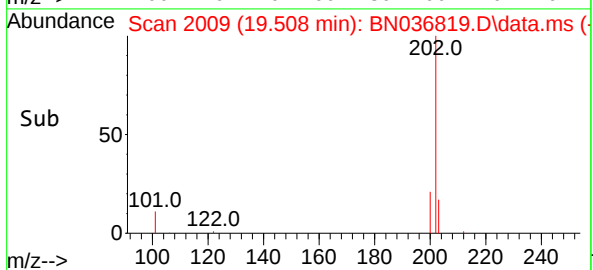
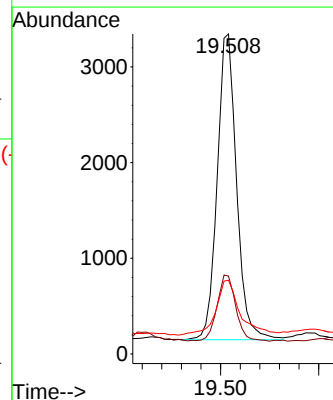
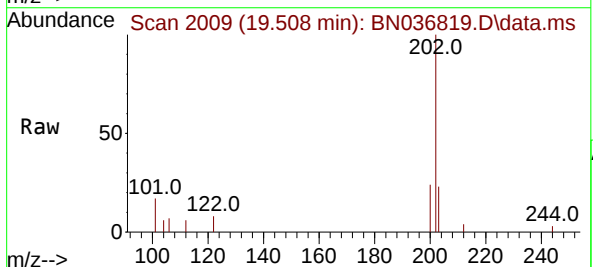
Tgt Ion:202 Resp: 4385

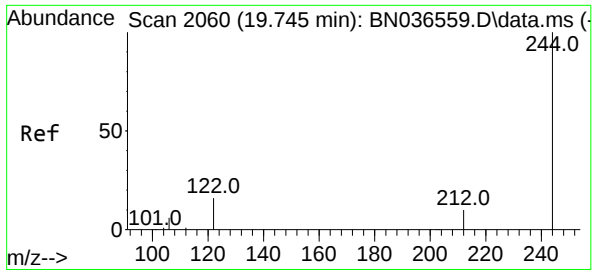
Ion Ratio Lower Upper

202 100

200 20.9 17.1 25.7

203 22.2 14.1 21.1#

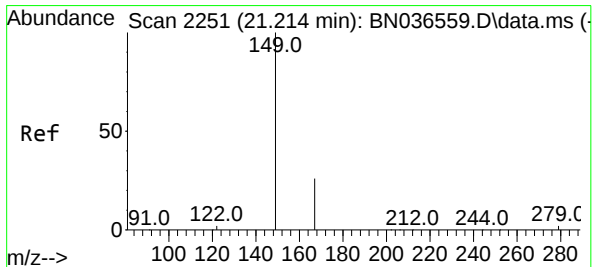
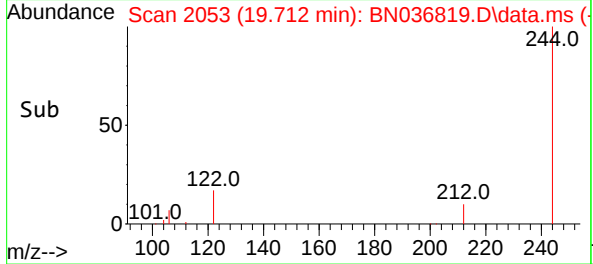
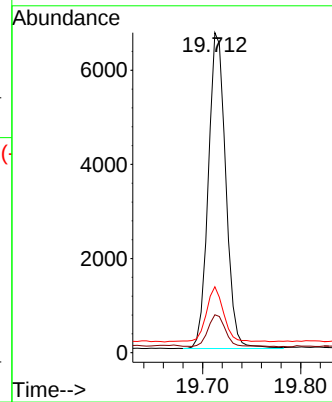
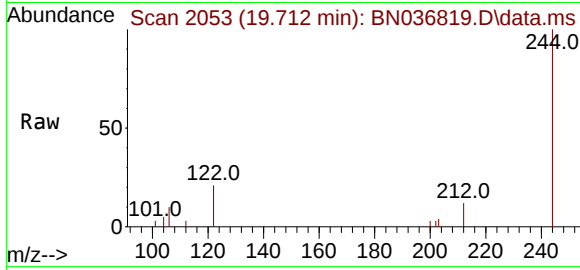




#31
Terphenyl-d14
Concen: 0.364 ng
RT: 19.712 min Scan# 2060
Delta R.T. -0.032 min
Lab File: BN036819.D
Acq: 03 Apr 2025 13:00

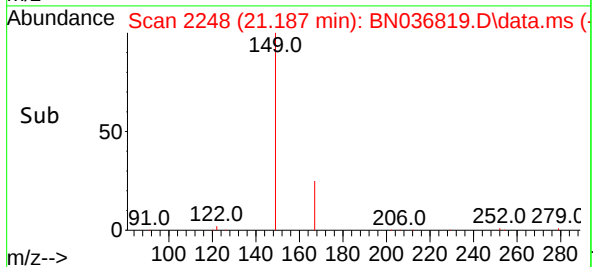
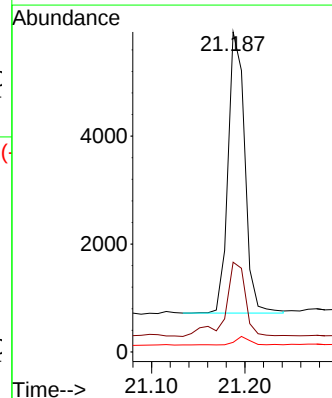
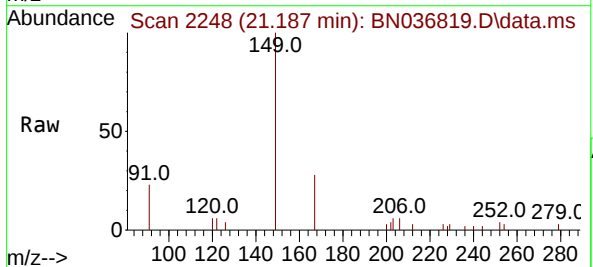
Instrument :
BNA_N
ClientSampleId :
MW112010

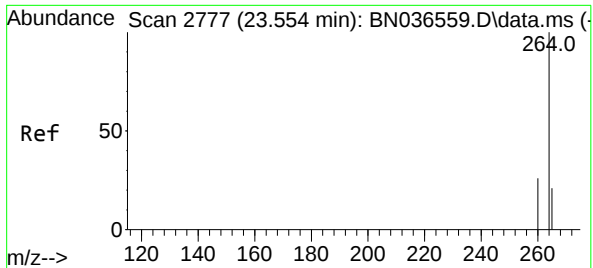
Tgt Ion	Ratio	Lower	Upper
244	100		
212	11.9	9.6	14.4
122	20.6	13.9	20.9



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.275 ng
RT: 21.187 min Scan# 2248
Delta R.T. -0.027 min
Lab File: BN036819.D
Acq: 03 Apr 2025 13:00

Tgt Ion	Ratio	Lower	Upper
149	100		
167	31.6	20.7	31.1#
279	2.5	3.6	5.4#





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.510 min Scan# 21

Delta R.T. -0.044 min

Lab File: BN036819.D

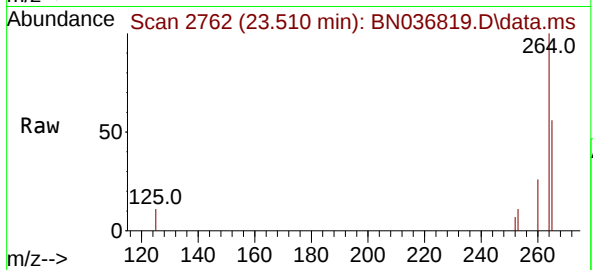
Acq: 03 Apr 2025 13:00

Instrument :

BNA_N

ClientSampleId :

MW112010



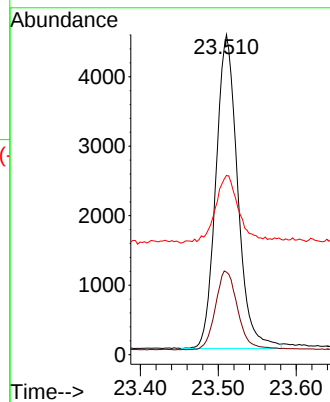
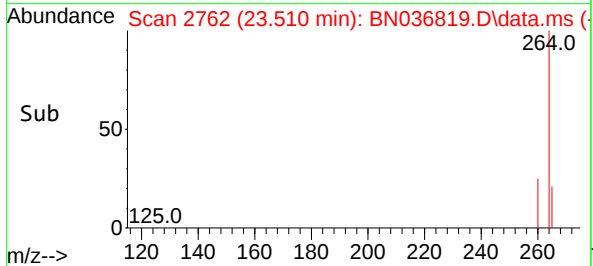
Tgt Ion:264 Resp: 8772

Ion Ratio Lower Upper

264 100

260 25.8 22.6 33.8

265 56.0 88.1 132.1#



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040325\
Data File : BN036818.D
Acq On : 03 Apr 2025 12:24
Operator : RC/JU
Sample : PB167430BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB167430BL

A
B
C
D
E
F
G
H
I
J
K

Quant Time: Apr 03 12:57:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 16:06:28 2025
Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.695	152	2093	0.400	ng	-0.03
7) Naphthalene-d8	10.477	136	4883	0.400	ng	-0.03
13) Acenaphthene-d10	14.334	164	2586	0.400	ng	-0.03
19) Phenanthrene-d10	17.086	188	5170	0.400	ng	-0.02
29) Chrysene-d12	21.277	240	4213	0.400	ng	-0.02
35) Perylene-d12	23.522	264	1585	0.400	ng	#-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.290	112	2043	0.419	ng	-0.02
5) Phenol-d6	6.872	99	2348	0.390	ng	-0.03
8) Nitrobenzene-d5	8.843	82	1748	0.329	ng	-0.03
11) 2-Methylnaphthalene-d10	12.075	152	2530	0.348	ng	-0.04
14) 2,4,6-Tribromophenol	15.833	330	430	0.366	ng	-0.02
15) 2-Fluorobiphenyl	12.963	172	5223	0.347	ng	-0.03
27) Fluoranthene-d10	19.118	212	5136	0.388	ng	-0.02
31) Terphenyl-d14	19.717	244	3689	0.365	ng	-0.03

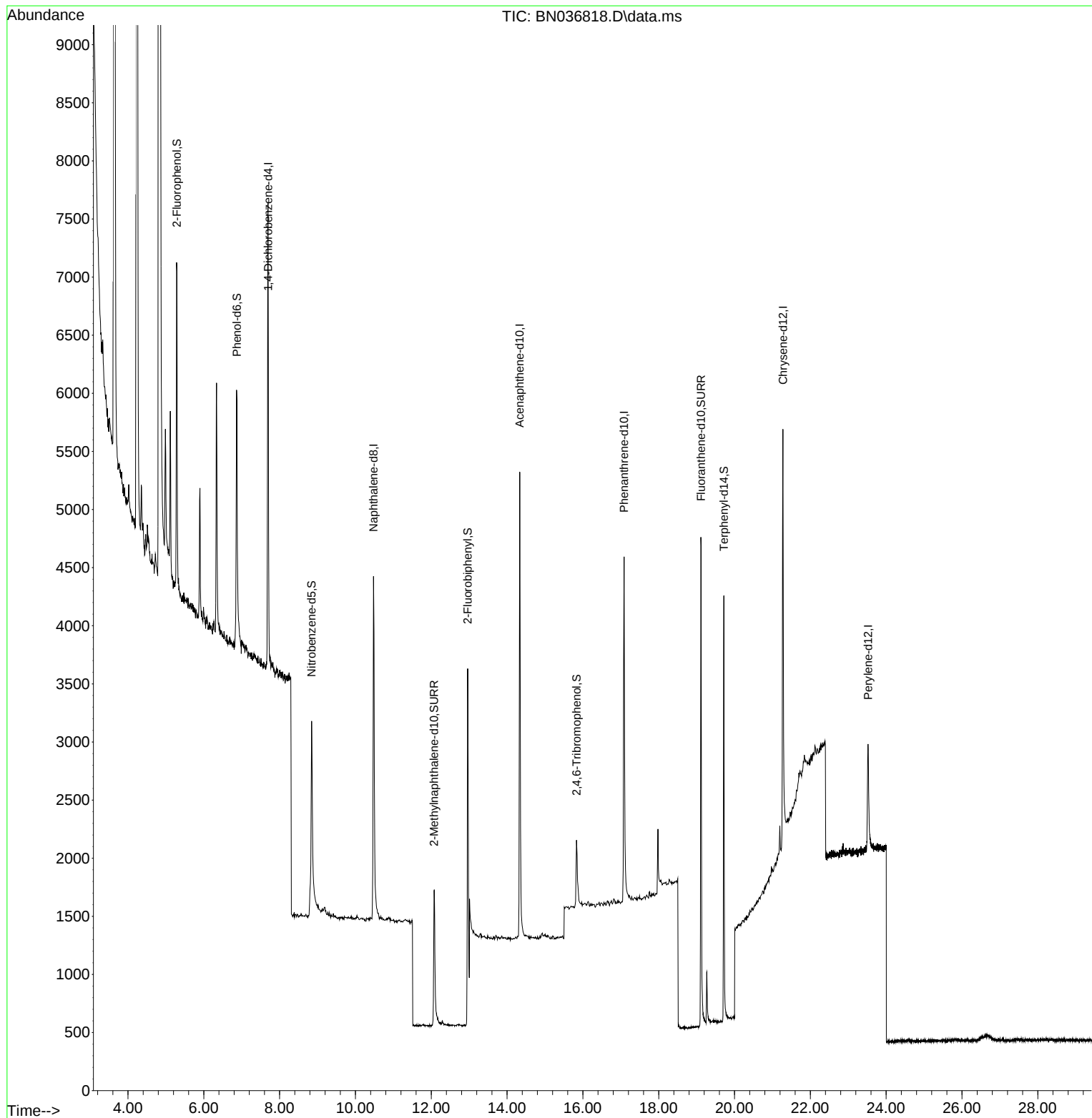
Target Compounds	Qvalue

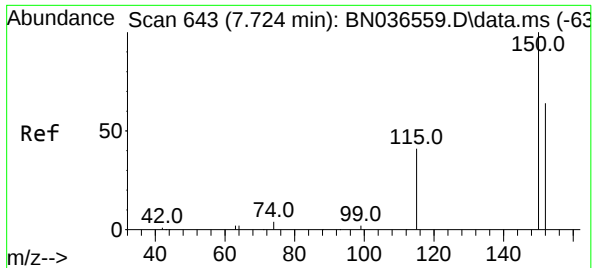
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040325\
Data File : BN036818.D
Acq On : 03 Apr 2025 12:24
Operator : RC/JU
Sample : PB167430BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB167430BL

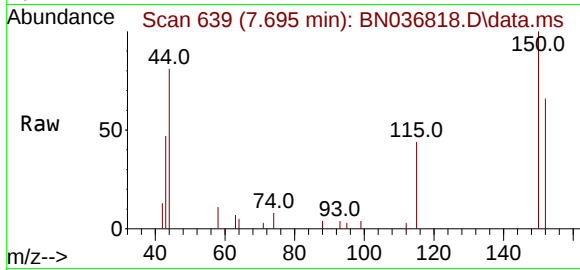
Quant Time: Apr 03 12:57:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 16:06:28 2025
Response via : Initial Calibration



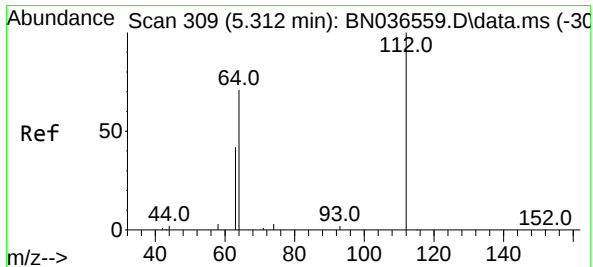
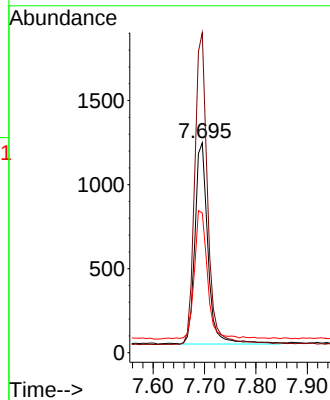
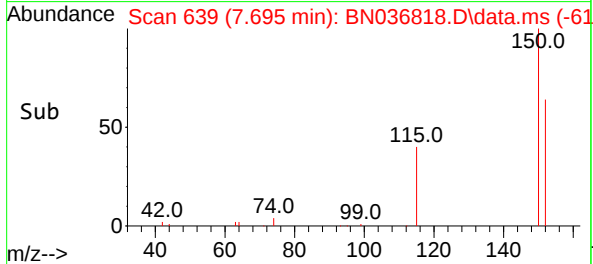


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.695 min Scan# 61
Delta R.T. -0.029 min
Lab File: BN036818.D
Acq: 03 Apr 2025 12:24

Instrument :
BNA_N
ClientSampleId :
PB167430BL

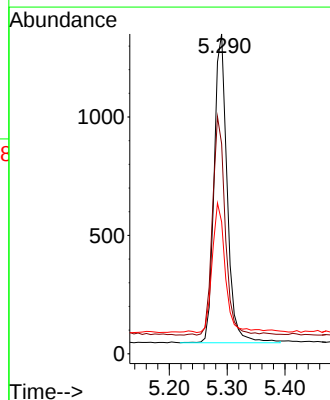
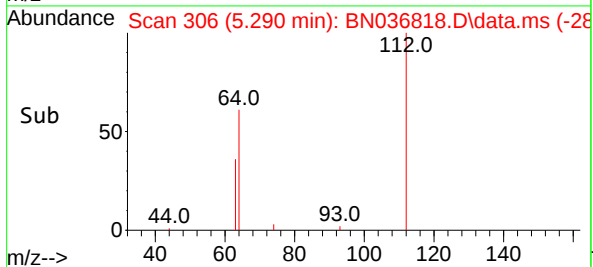
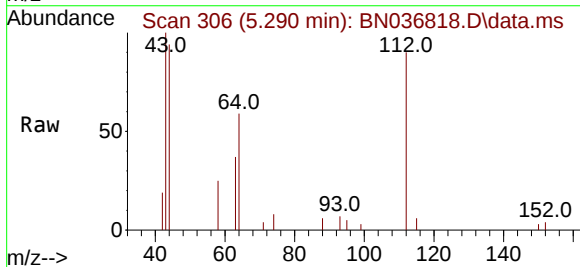


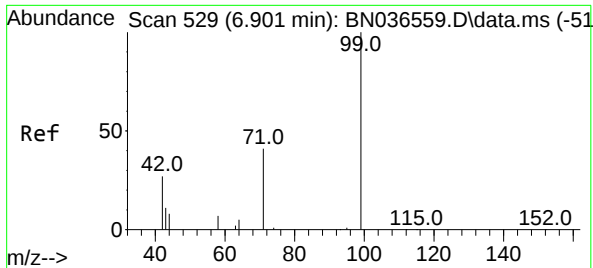
Tgt Ion:152 Resp: 2093
Ion Ratio Lower Upper
152 100
150 152.4 123.7 185.5
115 66.5 54.3 81.5



#4
2-Fluorophenol
Concen: 0.419 ng
RT: 5.290 min Scan# 306
Delta R.T. -0.022 min
Lab File: BN036818.D
Acq: 03 Apr 2025 12:24

Tgt Ion:112 Resp: 2043
Ion Ratio Lower Upper
112 100
64 69.3 53.1 79.7
63 41.9 31.8 47.8

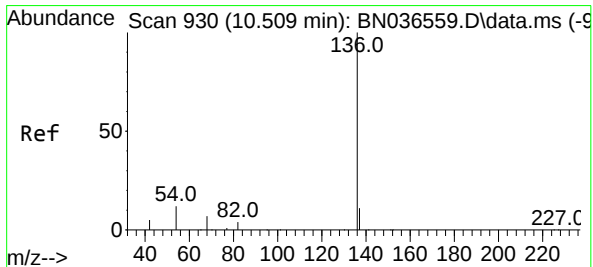
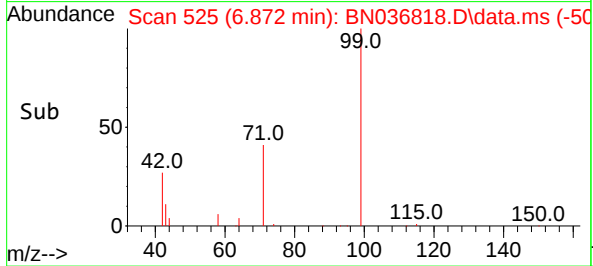
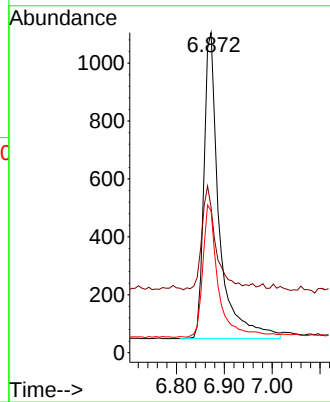
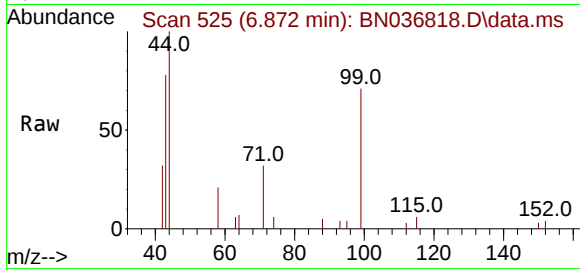




#5
Phenol-d6
Concen: 0.390 ng
RT: 6.872 min Scan# 51
Delta R.T. -0.029 min
Lab File: BN036818.D
Acq: 03 Apr 2025 12:24

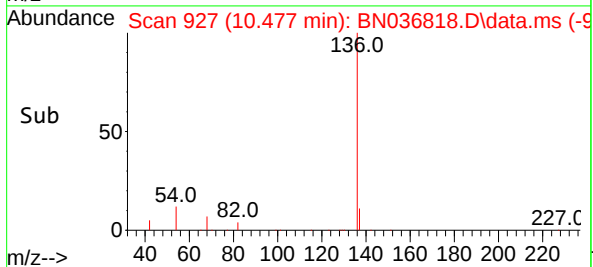
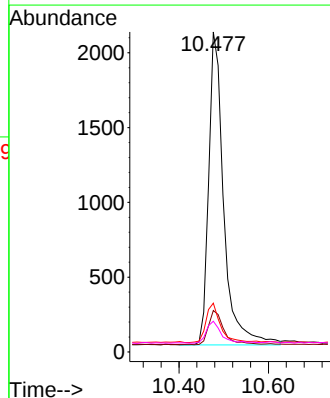
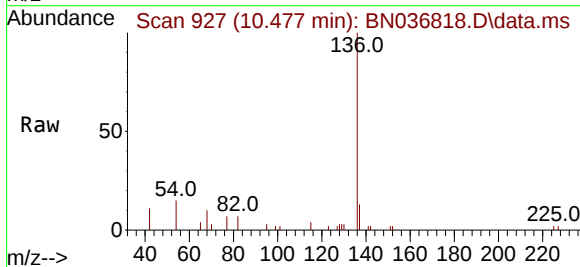
Instrument :
BNA_N
ClientSampleId :
PB167430BL

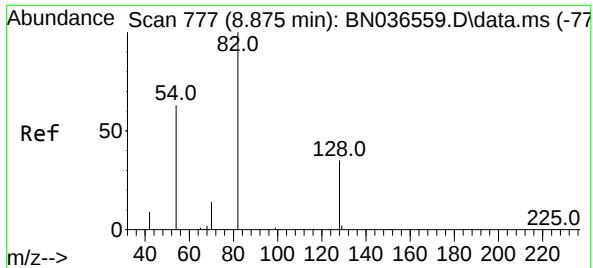
Tgt Ion	Ratio	Lower	Upper
99	100		
42	31.7	26.5	39.7
71	44.8	34.1	51.1



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.477 min Scan# 927
Delta R.T. -0.032 min
Lab File: BN036818.D
Acq: 03 Apr 2025 12:24

Tgt Ion	Ratio	Lower	Upper
136	100		
137	12.9	10.3	15.5
54	15.2	11.5	17.3
68	9.6	7.0	10.4

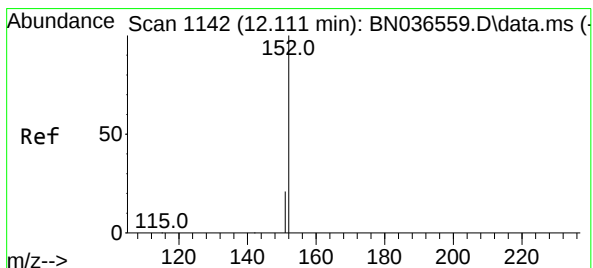
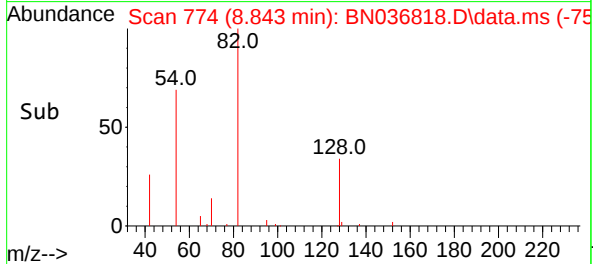
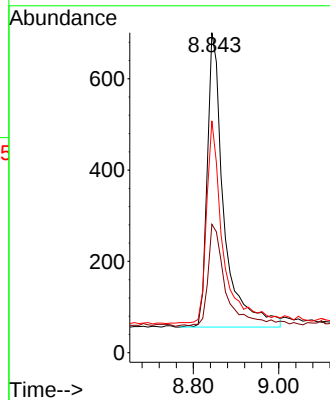
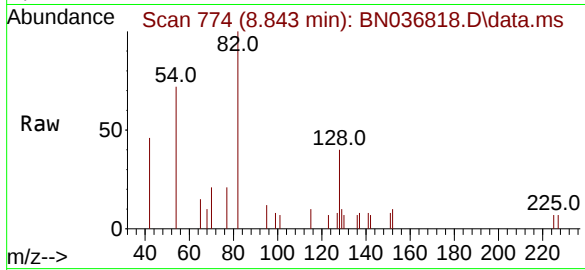




#8
Nitrobenzene-d5
Concen: 0.329 ng
RT: 8.843 min Scan# 71
Delta R.T. -0.032 min
Lab File: BN036818.D
Acq: 03 Apr 2025 12:24

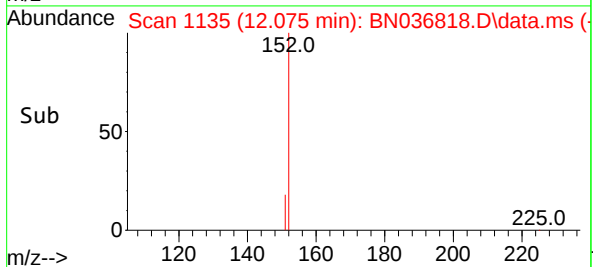
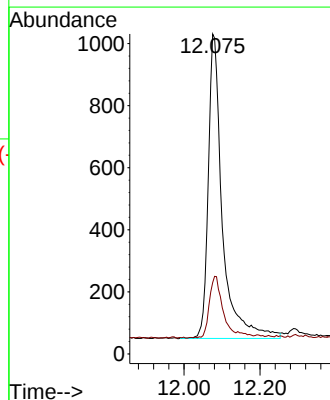
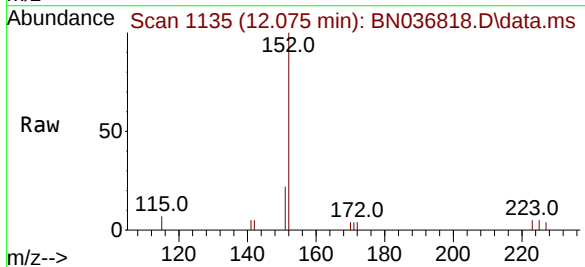
Instrument :
BNA_N
ClientSampleId :
PB167430BL

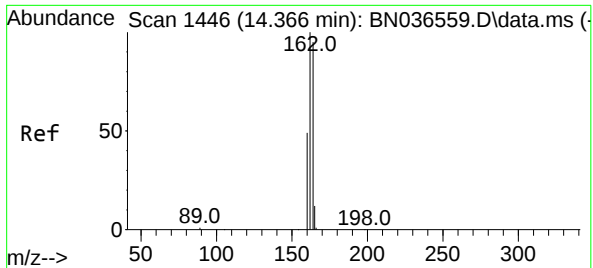
Tgt Ion: 82 Resp: 1748
Ion Ratio Lower Upper
82 100
128 40.1 30.6 45.8
54 72.5 52.2 78.4



#11
2-Methylnaphthalene-d10
Concen: 0.348 ng
RT: 12.075 min Scan# 1135
Delta R.T. -0.035 min
Lab File: BN036818.D
Acq: 03 Apr 2025 12:24

Tgt Ion: 152 Resp: 2530
Ion Ratio Lower Upper
152 100
151 18.7 17.0 25.6

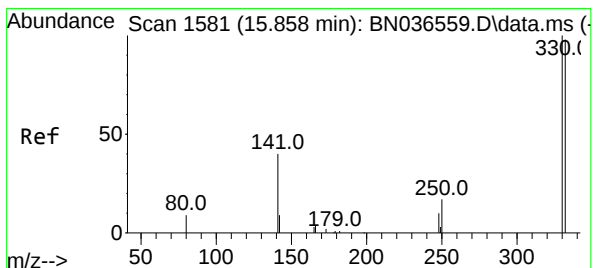
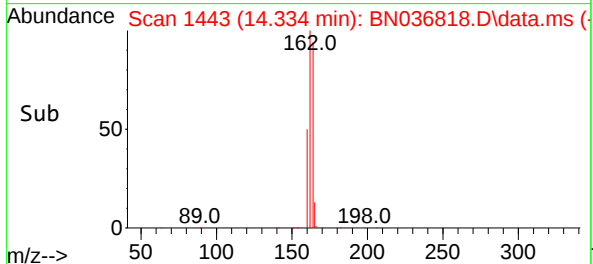
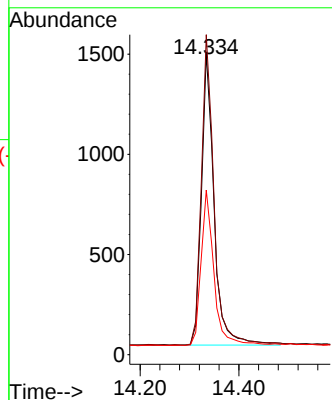
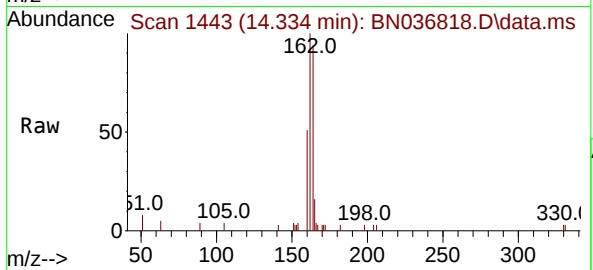




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.334 min Scan# 1443
Delta R.T. -0.032 min
Lab File: BN036818.D
Acq: 03 Apr 2025 12:24

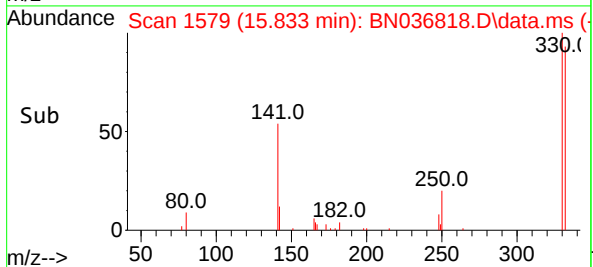
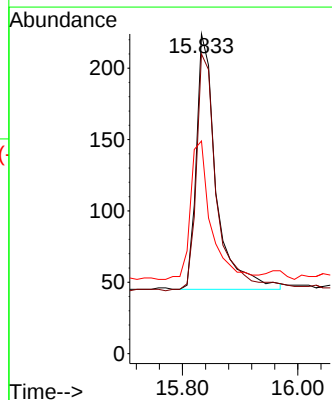
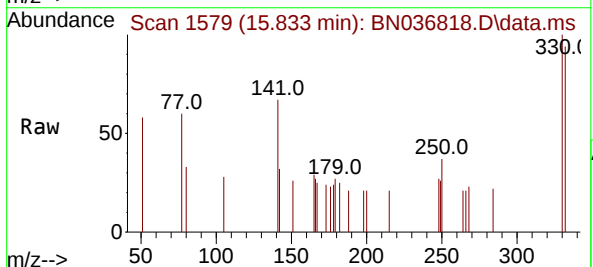
Instrument :
BNA_N
ClientSampleId :
PB167430BL

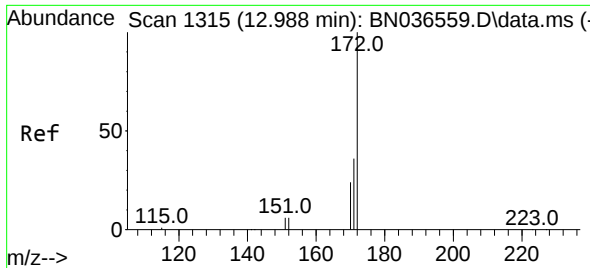
Tgt Ion:164 Resp: 2586
Ion Ratio Lower Upper
164 100
162 106.3 84.2 126.2
160 54.7 42.2 63.2



#14
2,4,6-Tribromophenol
Concen: 0.366 ng
RT: 15.833 min Scan# 1579
Delta R.T. -0.025 min
Lab File: BN036818.D
Acq: 03 Apr 2025 12:24

Tgt Ion:330 Resp: 430
Ion Ratio Lower Upper
330 100
332 96.7 75.2 112.8
141 55.1 43.4 65.2

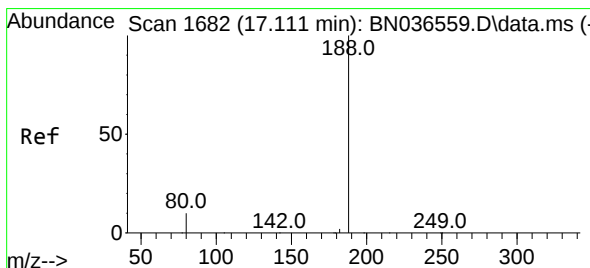
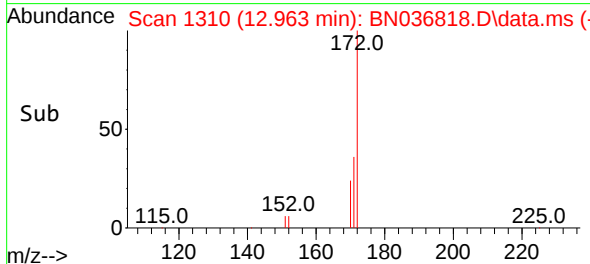
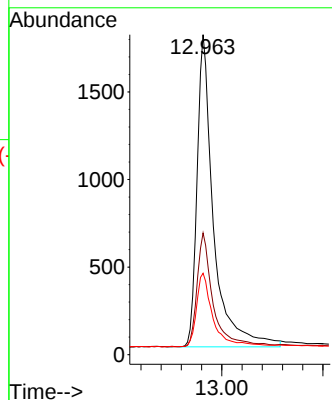
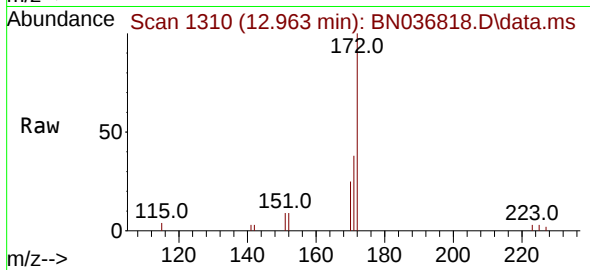




#15
2-Fluorobiphenyl
Concen: 0.347 ng
RT: 12.963 min Scan# 11
Delta R.T. -0.025 min
Lab File: BN036818.D
Acq: 03 Apr 2025 12:24

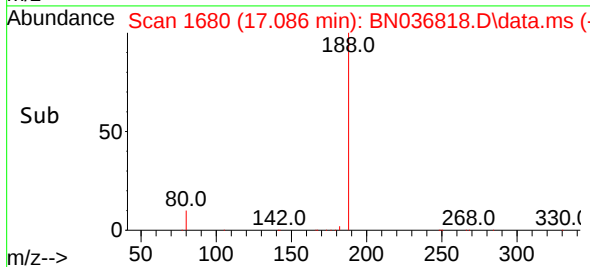
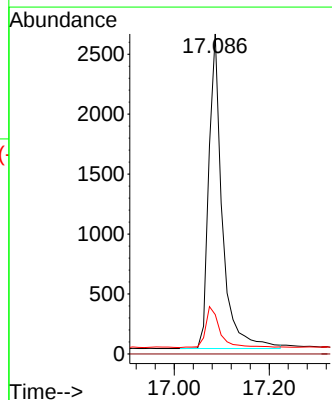
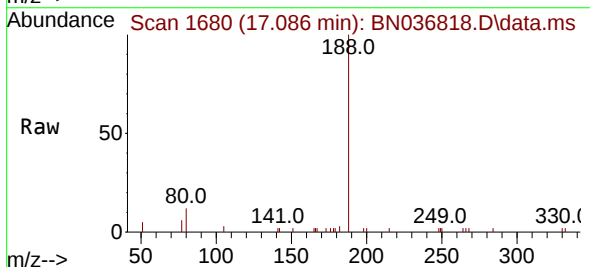
Instrument :
BNA_N
ClientSampleId :
PB167430BL

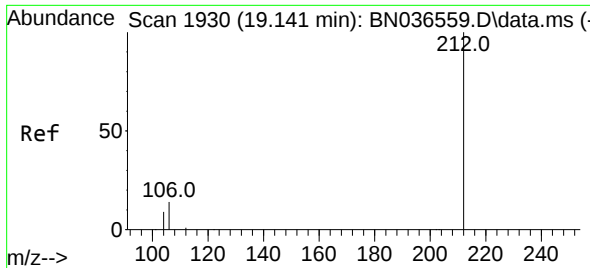
Tgt Ion:172 Resp: 5223
Ion Ratio Lower Upper
172 100
171 38.0 29.5 44.3
170 25.5 20.2 30.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.086 min Scan# 1680
Delta R.T. -0.025 min
Lab File: BN036818.D
Acq: 03 Apr 2025 12:24

Tgt Ion:188 Resp: 5170
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 12.3 8.8 13.2

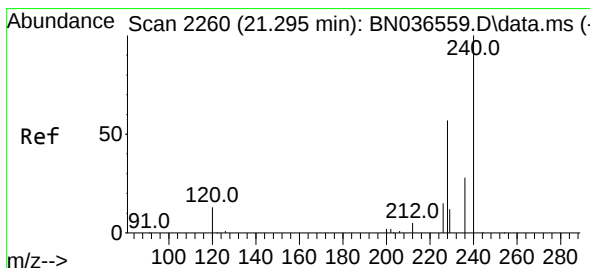
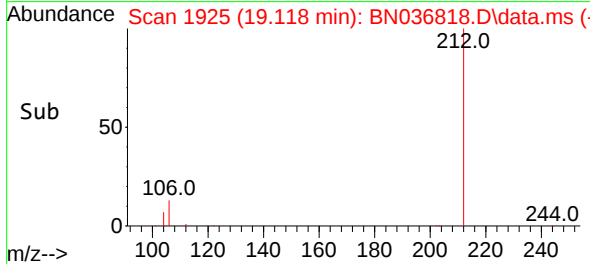
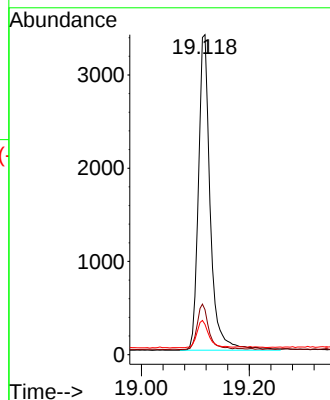
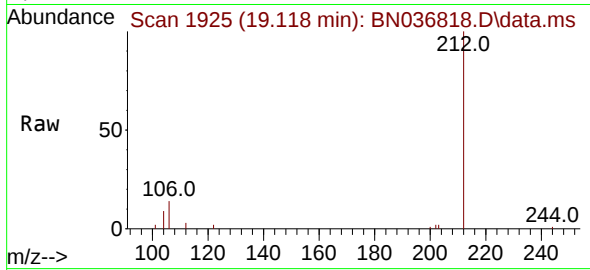




#27
Fluoranthene-d10
Concen: 0.388 ng
RT: 19.118 min Scan# 1911
Delta R.T. -0.023 min
Lab File: BN036818.D
Acq: 03 Apr 2025 12:24

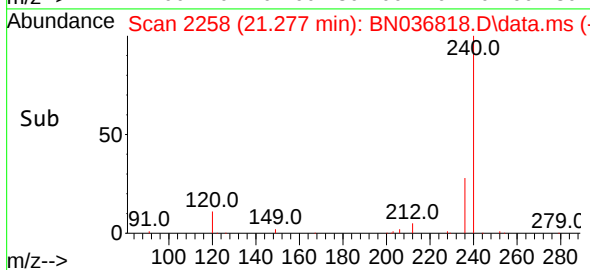
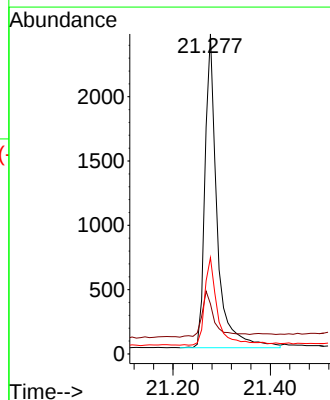
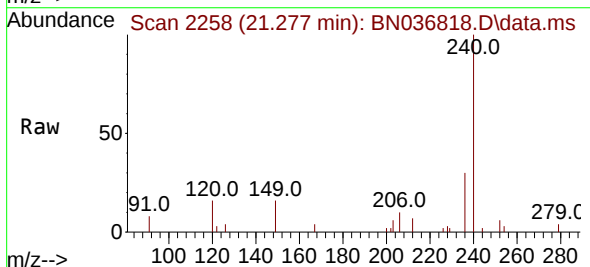
Instrument :
BNA_N
ClientSampleId :
PB167430BL

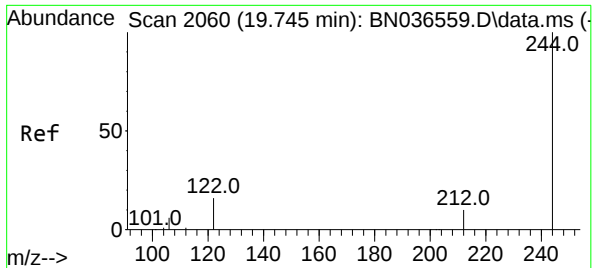
Tgt Ion	Ratio	Lower	Upper
212	100		
106	14.2	11.8	17.6
104	8.7	7.3	10.9



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.277 min Scan# 2258
Delta R.T. -0.018 min
Lab File: BN036818.D
Acq: 03 Apr 2025 12:24

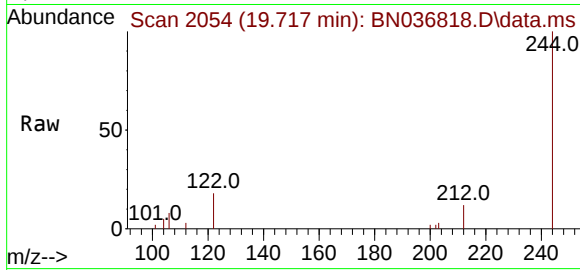
Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.6	14.6	22.0
236	30.1	24.1	36.1



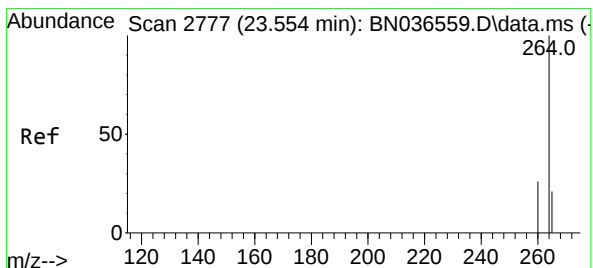
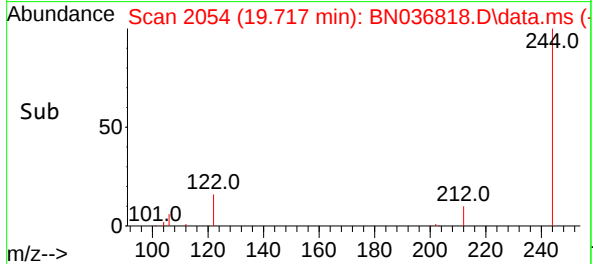
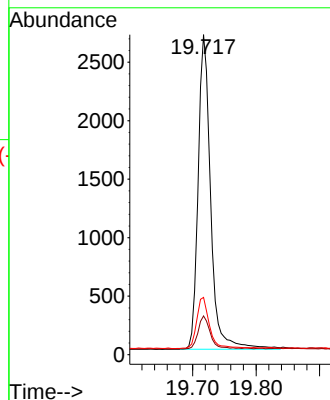


#31
Terphenyl-d14
Concen: 0.365 ng
RT: 19.717 min Scan# 2054
Delta R.T. -0.028 min
Lab File: BN036818.D
Acq: 03 Apr 2025 12:24

Instrument :
BNA_N
ClientSampleId :
PB167430BL

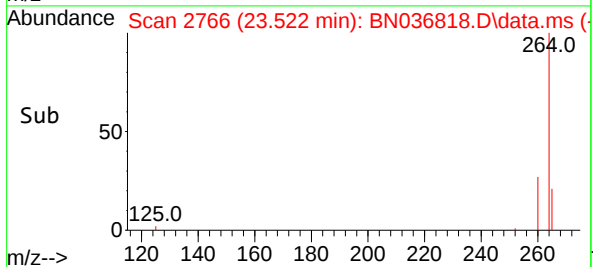
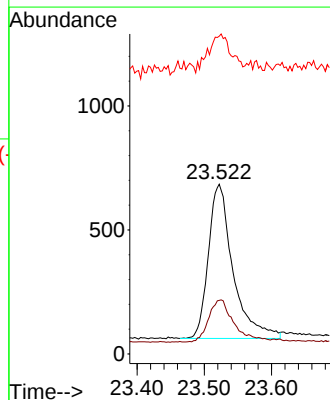
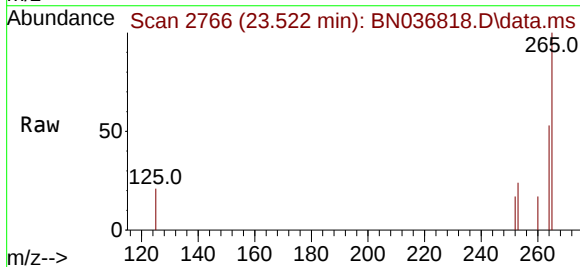


Tgt Ion:244 Resp: 3689
Ion Ratio Lower Upper
244 100
212 12.1 9.6 14.4
122 17.9 13.9 20.9



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.522 min Scan# 2766
Delta R.T. -0.032 min
Lab File: BN036818.D
Acq: 03 Apr 2025 12:24

Tgt Ion:264 Resp: 1585
Ion Ratio Lower Upper
264 100
260 31.6 22.6 33.8
265 187.3 88.1 132.1#



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040325\
 Data File : BN036826.D
 Acq On : 03 Apr 2025 17:14
 Operator : RC/JU
 Sample : PB167430BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB167430BS

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 04/04/2025
 Supervised By :Jagrut Upadhyay 04/04/2025

Quant Time: Apr 03 17:39:54 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 16:06:28 2025
 Response via : Initial Calibration

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

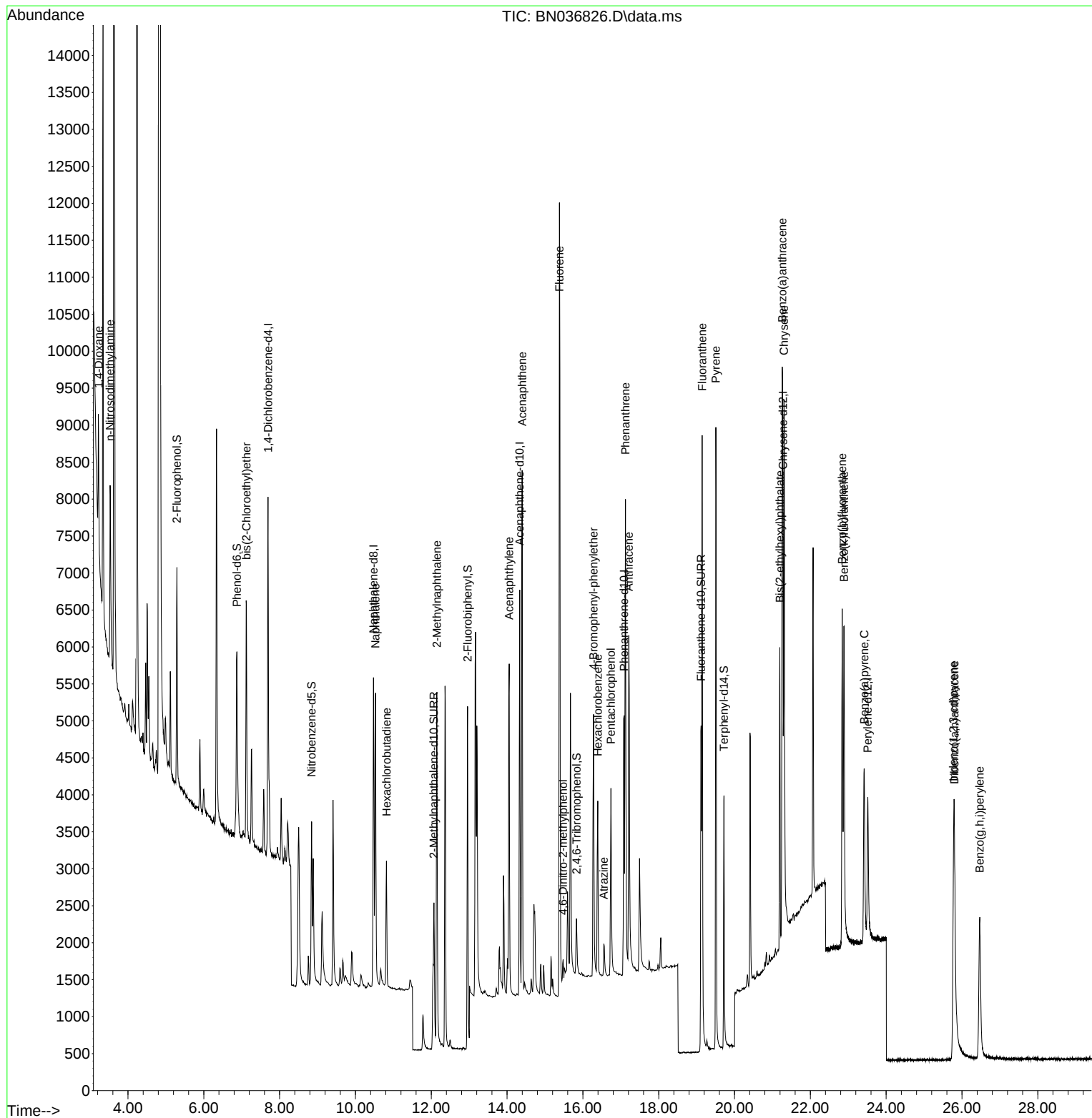
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.695	152	2292	0.400	ng	-0.03
7) Naphthalene-d8	10.476	136	5542	0.400	ng	-0.03
13) Acenaphthene-d10	14.334	164	3005	0.400	ng	-0.03
19) Phenanthrene-d10	17.086	188	6134	0.400	ng	-0.03
29) Chrysene-d12	21.276	240	4706	0.400	ng	#-0.02
35) Perylene-d12	23.516	264	2869	0.400	ng	-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.290	112	2126	0.398	ng	-0.02
5) Phenol-d6	6.872	99	2512	0.381	ng	-0.03
8) Nitrobenzene-d5	8.843	82	1860	0.309	ng	-0.03
11) 2-Methylnaphthalene-d10	12.070	152	3322m	0.403	ng	-0.04
14) 2,4,6-Tribromophenol	15.832	330	477	0.350	ng	-0.03
15) 2-Fluorobiphenyl	12.957	172	6173	0.353	ng	-0.03
27) Fluoranthene-d10	19.117	212	5498	0.350	ng	-0.02
31) Terphenyl-d14	19.721	244	3856	0.342	ng	-0.02
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.224	88	899	0.354	ng	# 56
3) n-Nitrosodimethylamine	3.528	42	1996	0.388	ng	# 96
6) bis(2-Chloroethyl)ether	7.125	93	2492	0.365	ng	100
9) Naphthalene	10.530	128	5789	0.355	ng	99
10) Hexachlorobutadiene	10.818	225	1352	0.352	ng	# 98
12) 2-Methylnaphthalene	12.146	142	3685	0.355	ng	98
16) Acenaphthylene	14.056	152	5414	0.382	ng	99
17) Acenaphthene	14.398	154	3532	0.380	ng	100
18) Fluorene	15.381	166	4682	0.373	ng	100
20) 4,6-Dinitro-2-methylph...	15.478	198	460	0.439	ng	# 79
21) 4-Bromophenyl-phenylether	16.279	248	1442	0.375	ng	93
22) Hexachlorobenzene	16.391	284	1672	0.360	ng	98
23) Atrazine	16.552	200	539	0.175	ng	# 90
24) Pentachlorophenol	16.738	266	1402	0.663	ng	97
25) Phenanthrene	17.123	178	7152	0.389	ng	99
26) Anthracene	17.210	178	6515	0.392	ng	99
28) Fluoranthene	19.145	202	8105	0.392	ng	99
30) Pyrene	19.508	202	7989	0.347	ng	100
32) Benzo(a)anthracene	21.259	228	6210	0.379	ng	99
33) Chrysene	21.303	228	7470	0.418	ng	100
34) Bis(2-ethylhexyl)phtha...	21.196	149	3886	0.334	ng	# 98
36) Indeno(1,2,3-cd)pyrene	25.779	276	5626	0.543	ng	# 82
37) Benzo(b)fluoranthene	22.841	252	6012	0.576	ng	94
38) Benzo(k)fluoranthene	22.887	252	6564	0.599	ng	# 93
39) Benzo(a)pyrene	23.419	252	4412	0.502	ng	95
40) Dibenzo(a,h)anthracene	25.799	278	4493	0.557	ng	96
41) Benzo(g,h,i)perylene	26.469	276	4427	0.480	ng	100

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

Instrument :
BNA_N
ClientSampleId :
PB167430BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040325\
 Data File : BN036827.D
 Acq On : 03 Apr 2025 17:50
 Operator : RC/JU
 Sample : PB167430BSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB167430BSD

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 04/04/2025
 Supervised By :Jagrut Upadhyay 04/04/2025

Quant Time: Apr 03 18:14:02 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 16:06:28 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.695	152	2152	0.400	ng	-0.03
7) Naphthalene-d8	10.477	136	5190	0.400	ng	-0.03
13) Acenaphthene-d10	14.334	164	2805	0.400	ng	-0.03
19) Phenanthrene-d10	17.086	188	5710	0.400	ng	-0.02
29) Chrysene-d12	21.277	240	4059	0.400	ng	#-0.02
35) Perylene-d12	23.516	264	1954	0.400	ng	#-0.04
System Monitoring Compounds						
4) 2-Fluorophenol	5.290	112	2032	0.405	ng	-0.02
5) Phenol-d6	6.872	99	2364	0.382	ng	-0.03
8) Nitrobenzene-d5	8.843	82	1762	0.312	ng	-0.03
11) 2-Methylnaphthalene-d10	12.070	152	3326m	0.431	ng	-0.04
14) 2,4,6-Tribromophenol	15.833	330	465	0.365	ng	-0.02
15) 2-Fluorobiphenyl	12.958	172	5694	0.349	ng	-0.03
27) Fluoranthene-d10	19.113	212	5064	0.346	ng	-0.03
31) Terphenyl-d14	19.717	244	3498	0.360	ng	-0.03
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.225	88	841	0.352	ng	# 38
3) n-Nitrosodimethylamine	3.528	42	1924	0.398	ng	# 95
6) bis(2-Chloroethyl)ether	7.118	93	2319	0.362	ng	97
9) Naphthalene	10.530	128	5604	0.367	ng	100
10) Hexachlorobutadiene	10.818	225	1249	0.348	ng	# 100
12) 2-Methylnaphthalene	12.146	142	3541	0.365	ng	99
16) Acenaphthylene	14.056	152	5028	0.380	ng	99
17) Acenaphthene	14.398	154	3346	0.386	ng	99
18) Fluorene	15.382	166	4448	0.379	ng	99
20) 4,6-Dinitro-2-methylph...	15.478	198	472	0.469	ng	# 80
21) 4-Bromophenyl-phenylether	16.280	248	1317	0.368	ng	93
22) Hexachlorobenzene	16.391	284	1540	0.357	ng	97
23) Atrazine	16.565	200	325	0.113	ng	# 84
24) Pentachlorophenol	16.739	266	1406	0.714	ng	99
25) Phenanthrene	17.124	178	6736	0.393	ng	99
26) Anthracene	17.210	178	6105	0.395	ng	100
28) Fluoranthene	19.146	202	7399	0.385	ng	99
30) Pyrene	19.508	202	6876	0.346	ng	100
32) Benzo(a)anthracene	21.259	228	5364	0.380	ng	100
33) Chrysene	21.313	228	6613	0.429	ng	98
34) Bis(2-ethylhexyl)phtha...	21.196	149	3514	0.350	ng	# 99
36) Indeno(1,2,3-cd)pyrene	25.782	276	4405	0.625	ng	99
37) Benzo(b)fluoranthene	22.841	252	5131	0.722	ng	97
38) Benzo(k)fluoranthene	22.888	252	5174	0.694	ng	96
39) Benzo(a)pyrene	23.420	252	3260	0.544	ng	95
40) Dibenzo(a,h)anthracene	25.803	278	4093	0.745	ng	96
41) Benzo(g,h,i)perylene	26.466	276	3441	0.548	ng	99

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

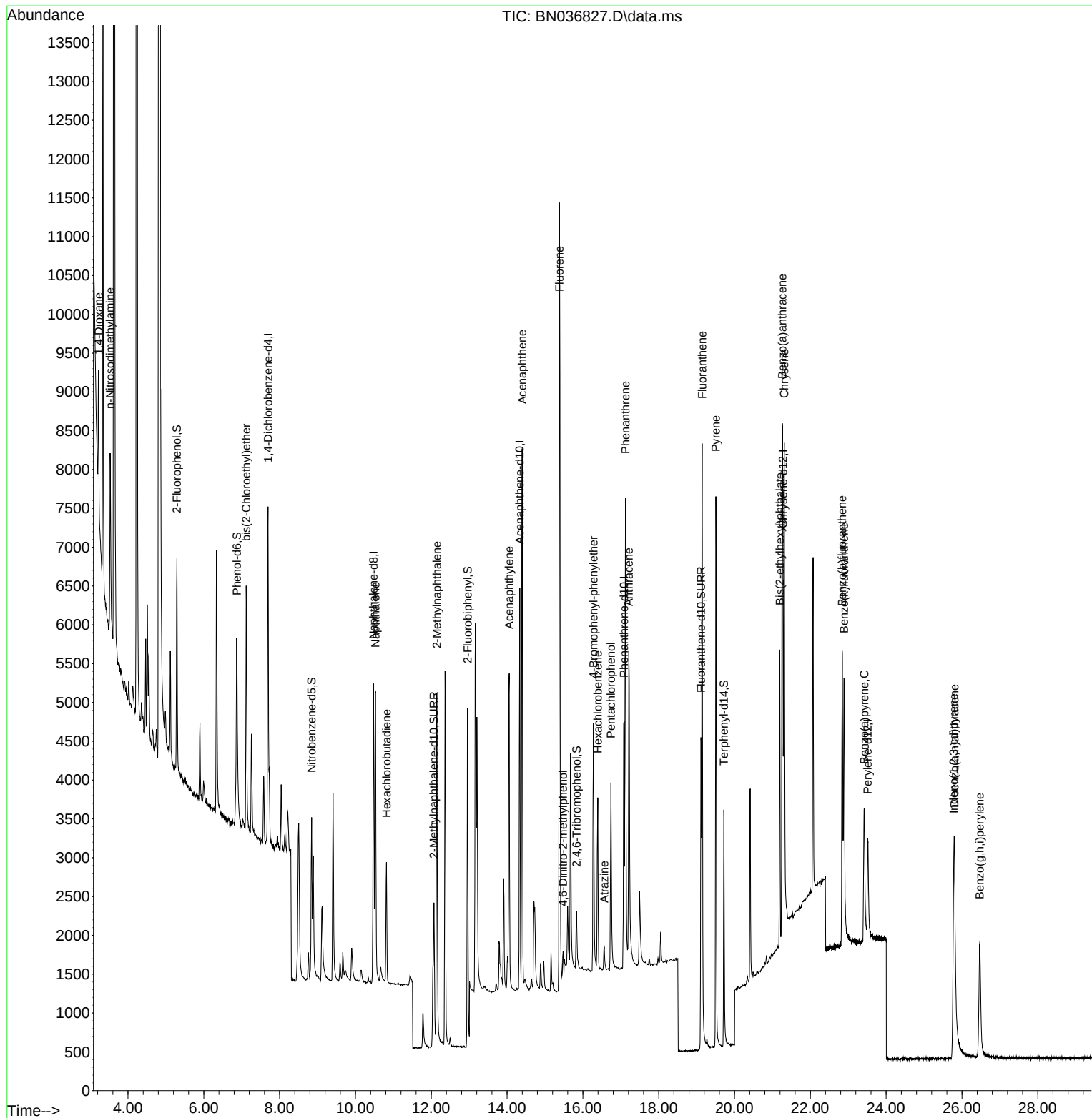
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040325\
 Data File : BN036827.D
 Acq On : 03 Apr 2025 17:50
 Operator : RC/JU
 Sample : PB167430BSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB167430BSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 04/04/2025
 Supervised By :Jagrut Upadhyay 04/04/2025

Quant Time: Apr 03 18:14:02 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 16:06:28 2025
 Response via : Initial Calibration



Manual Integration Report

Sequence:

BN031025

Instrument

BNA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC0.1	BN036557.D	1,4-Dioxane	anahy	3/11/2025 9:18:29 AM	Jagrut	3/11/2025 10:27:49 AM	Peak Integrated by Software
SSTDICC0.2	BN036558.D	1,4-Dioxane	anahy	3/11/2025 9:19:12 AM	Jagrut	3/11/2025 10:27:51 AM	Peak Integrated by Software
SSTDCCC0.4	BN036572.D	Benzo(k)fluoranthene	anahy	3/11/2025 9:20:59 AM	Jagrut	3/11/2025 10:27:55 AM	Peak Integrated by Software
SSTDCCC0.4	BN036572.D	Chrysene-d12	anahy	3/11/2025 9:20:59 AM	Jagrut	3/11/2025 10:27:55 AM	Peak Integrated by Software

Manual Integration Report

Sequence:

BN040325

Instrument

BNA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC0.4	BN036817.D	Benzo(k)fluoranthene	Rahul	4/4/2025 12:21:54 PM	Jagrut	4/4/2025 12:42:41 PM	Peak Integrated by Software
PB167430BS	BN036826.D	2-Methylnaphthalene-d10	Rahul	4/4/2025 12:22:00 PM	Jagrut	4/4/2025 12:42:45 PM	Peak Integrated by Software
PB167430BSD	BN036827.D	2-Methylnaphthalene-d10	Rahul	4/4/2025 12:22:02 PM	Jagrut	4/4/2025 12:42:47 PM	Peak Integrated by Software

Instrument ID: **BNA_N**

Daily Analysis Runlog For Sequence/QC Batch ID # BN031025

Review By	anahy	Review On	3/11/2025 9:36:11 AM
Supervise By	Jagrut	Supervise On	3/11/2025 10:28:11 AM
SubDirectory	BN031025	HP Acquire Method	BNA_N, 8270_SiM HP Processing Method bn031025
STD. NAME	STD REF.#		
Tune/Reschk	SP6717		
Initial Calibration Stds	SP6738,SP6736,SP6735,SP6734,SP6733,SP6732,SP6731		
CCC	SP6735		
Internal Standard/PEM	SP6740,1ul/100ul sample		
ICV/I.BLK	SP6684		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BN036556.D	10 Mar 2025 11:03	RC/JU	Ok
2	SSTDICC0.1	BN036557.D	10 Mar 2025 11:42	RC/JU	Ok,M
3	SSTDICC0.2	BN036558.D	10 Mar 2025 12:18	RC/JU	Ok,M
4	SSTDICCC0.4	BN036559.D	10 Mar 2025 12:54	RC/JU	Ok
5	SSTDICC0.8	BN036560.D	10 Mar 2025 13:31	RC/JU	Ok
6	SSTDICC1.6	BN036561.D	10 Mar 2025 14:07	RC/JU	Ok
7	SSTDICC3.2	BN036562.D	10 Mar 2025 14:43	RC/JU	Ok
8	SSTDICC5.0	BN036563.D	10 Mar 2025 15:19	RC/JU	Ok
9	SSTDICV0.4	BN036564.D	10 Mar 2025 16:38	RC/JU	Ok
10	PB167057BL	BN036565.D	10 Mar 2025 17:14	RC/JU	Ok
11	Q1531-03	BN036566.D	10 Mar 2025 17:50	RC/JU	Ok
12	Q1531-04	BN036567.D	10 Mar 2025 18:26	RC/JU	Ok
13	Q1531-05	BN036568.D	10 Mar 2025 19:02	RC/JU	Ok
14	Q1531-06	BN036569.D	10 Mar 2025 19:38	RC/JU	Ok,M
15	Q1531-13	BN036570.D	10 Mar 2025 20:14	RC/JU	Ok
16	Q1531-14	BN036571.D	10 Mar 2025 20:50	RC/JU	Ok
17	SSTDCCC0.4	BN036572.D	10 Mar 2025 21:26	RC/JU	Ok,M

M : Manual Integration

Instrument ID: **BNA_N**

Daily Analysis Runlog For Sequence/QC Batch ID # BN040325

Review By	Rahul	Review On	4/4/2025 12:22:50 PM
Supervise By	Jagrut	Supervise On	4/4/2025 12:43:19 PM
SubDirectory	BN040325	HP Acquire Method	BNA_N, 8270_SiM HP Processing Method bn031025
STD. NAME	STD REF.#		
Tune/Reschk	SP6757		
Initial Calibration Stds	SP6738,SP6736,SP6735,SP6734,SP6733,SP6732,SP6731		
CCC	SP6735		
Internal Standard/PEM	SP6740,1ul/100ul sample		
ICV/I.BLK	SP6684		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BN036816.D	03 Apr 2025 11:08	RC/JU	Ok
2	SSTDCCC0.4	BN036817.D	03 Apr 2025 11:47	RC/JU	Ok,M
3	PB167430BL	BN036818.D	03 Apr 2025 12:24	RC/JU	Ok
4	Q1690-01	BN036819.D	03 Apr 2025 13:00	RC/JU	Ok
5	Q1697-01	BN036820.D	03 Apr 2025 13:37	RC/JU	Dilution
6	Q1697-02	BN036821.D	03 Apr 2025 14:13	RC/JU	Ok
7	Q1697-03	BN036822.D	03 Apr 2025 14:49	RC/JU	Ok
8	Q1697-04	BN036823.D	03 Apr 2025 15:25	RC/JU	Ok
9	Q1697-05	BN036824.D	03 Apr 2025 16:01	RC/JU	Ok
10	Q1697-01DL	BN036825.D	03 Apr 2025 16:38	RC/JU	Ok
11	PB167430BS	BN036826.D	03 Apr 2025 17:14	RC/JU	Ok,M
12	PB167430BSD	BN036827.D	03 Apr 2025 17:50	RC/JU	Ok,M
13	PB167450BS	BN036828.D	03 Apr 2025 18:26	RC/JU	Ok,M
14	PB167450BL	BN036829.D	03 Apr 2025 19:02	RC/JU	Ok
15	Q1711-04	BN036830.D	03 Apr 2025 19:38	RC/JU	Ok,M
16	Q1711-07	BN036831.D	03 Apr 2025 20:14	RC/JU	Ok
17	Q1711-08	BN036832.D	03 Apr 2025 20:51	RC/JU	Ok
18	Q1711-01	BN036833.D	03 Apr 2025 21:27	RC/JU	Ok
19	Q1711-02MS	BN036834.D	03 Apr 2025 22:03	RC/JU	Ok
20	Q1711-03MSD	BN036835.D	03 Apr 2025 22:39	RC/JU	Ok

M : Manual Integration

Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QC Batch ID # BN031025

Review By	anahy	Review On	3/11/2025 9:36:11 AM
Supervise By	Jagrut	Supervise On	3/11/2025 10:28:11 AM
SubDirectory	BN031025	HP Acquire Method	BNA_N, 8270_HP Processing Method bn031025
STD. NAME	STD REF.#		
Tune/Reschk	SP6717		
Initial Calibration Stds	SP6738,SP6736,SP6735,SP6734,SP6733,SP6732,SP6731		
CCC	SP6735		
Internal Standard/PEM	SP6740,1ul/100ul sample		
ICV/I.BLK	SP6684		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BN036556.D	10 Mar 2025 11:03		RC/JU	Ok
2	SSTDICC0.1	SSTDICC0.1	BN036557.D	10 Mar 2025 11:42	Compound #20 removed.	RC/JU	Ok,M
3	SSTDICC0.2	SSTDICC0.2	BN036558.D	10 Mar 2025 12:18		RC/JU	Ok,M
4	SSTDICCC0.4	SSTDICCC0.4	BN036559.D	10 Mar 2025 12:54		RC/JU	Ok
5	SSTDICC0.8	SSTDICC0.8	BN036560.D	10 Mar 2025 13:31		RC/JU	Ok
6	SSTDICC1.6	SSTDICC1.6	BN036561.D	10 Mar 2025 14:07	Compound #20 kept on QR.	RC/JU	Ok
7	SSTDICC3.2	SSTDICC3.2	BN036562.D	10 Mar 2025 14:43	Method is good for DOD.	RC/JU	Ok
8	SSTDICC5.0	SSTDICC5.0	BN036563.D	10 Mar 2025 15:19		RC/JU	Ok
9	SSTDICV0.4	ICVBN031025	BN036564.D	10 Mar 2025 16:38		RC/JU	Ok
10	PB167057BL	PB167057BL	BN036565.D	10 Mar 2025 17:14		RC/JU	Ok
11	Q1531-03	RE122D1-20250305	BN036566.D	10 Mar 2025 17:50		RC/JU	Ok
12	Q1531-04	RE126D1-20250306	BN036567.D	10 Mar 2025 18:26		RC/JU	Ok
13	Q1531-05	RE126D2-20250306	BN036568.D	10 Mar 2025 19:02		RC/JU	Ok
14	Q1531-06	DUP01-20250306	BN036569.D	10 Mar 2025 19:38		RC/JU	Ok,M
15	Q1531-13	RE108D1-20250306	BN036570.D	10 Mar 2025 20:14		RC/JU	Ok
16	Q1531-14	RE105D1-20250306	BN036571.D	10 Mar 2025 20:50		RC/JU	Ok
17	SSTDCCC0.4	SSTDCCC0.4EC	BN036572.D	10 Mar 2025 21:26		RC/JU	Ok,M

M : Manual Integration

Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QC Batch ID # BN040325

Review By	Rahul	Review On	4/4/2025 12:22:50 PM
Supervise By	Jagrut	Supervise On	4/4/2025 12:43:19 PM
SubDirectory	BN040325	HP Acquire Method	BNA_N, 8270_HP Processing Method bn031025
STD. NAME	STD REF.#		
Tune/Reschk	SP6757		
Initial Calibration Stds	SP6738,SP6736,SP6735,SP6734,SP6733,SP6732,SP6731		
CCC	SP6735		
Internal Standard/PEM	SP6740,1ul/100ul sample		
ICV/I.BLK	SP6684		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BN036816.D	03 Apr 2025 11:08		RC/JU	Ok
2	SSTDCCC0.4	SSTDCCC0.4	BN036817.D	03 Apr 2025 11:47		RC/JU	Ok,M
3	PB167430BL	PB167430BL	BN036818.D	03 Apr 2025 12:24		RC/JU	Ok
4	Q1690-01	MW112010	BN036819.D	03 Apr 2025 13:00		RC/JU	Ok
5	Q1697-01	MW-19B-72-040125	BN036820.D	03 Apr 2025 13:37	Need 2X Dilution	RC/JU	Dilution
6	Q1697-02	IW-01-55-040125	BN036821.D	03 Apr 2025 14:13		RC/JU	Ok
7	Q1697-03	IW-02-55-040125	BN036822.D	03 Apr 2025 14:49		RC/JU	Ok
8	Q1697-04	IW-02-55-040125-FD	BN036823.D	03 Apr 2025 15:25		RC/JU	Ok
9	Q1697-05	IW-03-55-040125	BN036824.D	03 Apr 2025 16:01		RC/JU	Ok
10	Q1697-01DL	MW-19B-72-040125DL	BN036825.D	03 Apr 2025 16:38		RC/JU	Ok
11	PB167430BS	PB167430BS	BN036826.D	03 Apr 2025 17:14		RC/JU	Ok,M
12	PB167430BSD	PB167430BSD	BN036827.D	03 Apr 2025 17:50		RC/JU	Ok,M
13	PB167450BS	PB167450BS	BN036828.D	03 Apr 2025 18:26		RC/JU	Ok,M
14	PB167450BL	PB167450BL	BN036829.D	03 Apr 2025 19:02		RC/JU	Ok
15	Q1711-04	MW-17B-55-040225	BN036830.D	03 Apr 2025 19:38		RC/JU	Ok,M
16	Q1711-07	RMW-05B-89-040225	BN036831.D	03 Apr 2025 20:14		RC/JU	Ok
17	Q1711-08	EB01-040225	BN036832.D	03 Apr 2025 20:51		RC/JU	Ok
18	Q1711-01	MW-18B-56-040225	BN036833.D	03 Apr 2025 21:27		RC/JU	Ok

Instrument ID: BNA_N

Daily Analysis Runlog For Sequence/QC Batch ID # BN040325

Review By	Rahul	Review On	4/4/2025 12:22:50 PM
Supervise By	Jagrut	Supervise On	4/4/2025 12:43:19 PM
SubDirectory	BN040325	HP Acquire Method	BNA_N, 8270_HP Processing Method bn031025

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6738,SP6736,SP6735,SP6734,SP6733,SP6732,SP6731
CCC	SP6735
Internal Standard/PEM	SP6740,1ul/100ul sample
ICV/I.BLK	SP6684
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q1711-02MS	MW-18B-56-040225MS	BN036834.D	03 Apr 2025 22:03		RC/JU	Ok
20	Q1711-03MSD	MW-18B-56-040225MS	BN036835.D	03 Apr 2025 22:39		RC/JU	Ok

M : Manual Integration

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SOP ID: M3510C,3580A-Extraction SVOC-20

Clean Up SOP #: N/A

Matrix : Water

Weigh By: N/A

Balance check: N/A

Balance ID: N/A

pH Strip Lot#: E3880

Extraction By: RJ

Filter By: RJ

pH Meter ID: N/A

Hood ID: 4,5,6,7

Extraction Start Date : 04/02/2025

Extraction Start Time : 14:40

Extraction End Date : 04/03/2025

Extraction End Time : 09:40

Concentration By: EH

Supervisor By : rajesh

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

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	0.4 PPM	SP6739
Surrogate	1.0ML	0.4 PPM	SP6755
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	E3904
Baked Na2SO4	N/A	EP2597
10N NaoH	N/A	EP2559
H2SO4 1:1	N/A	EP2565
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
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

1.5 ML Vial lot# 2210673. pH Adjusted<2 with 1:1 H2SO4 &>11 with 10 N NaOH.

KD Bath ID: WATER BATH-1,2

KD Bath Temperature: 60 °C

Envap ID: NEVAP-02

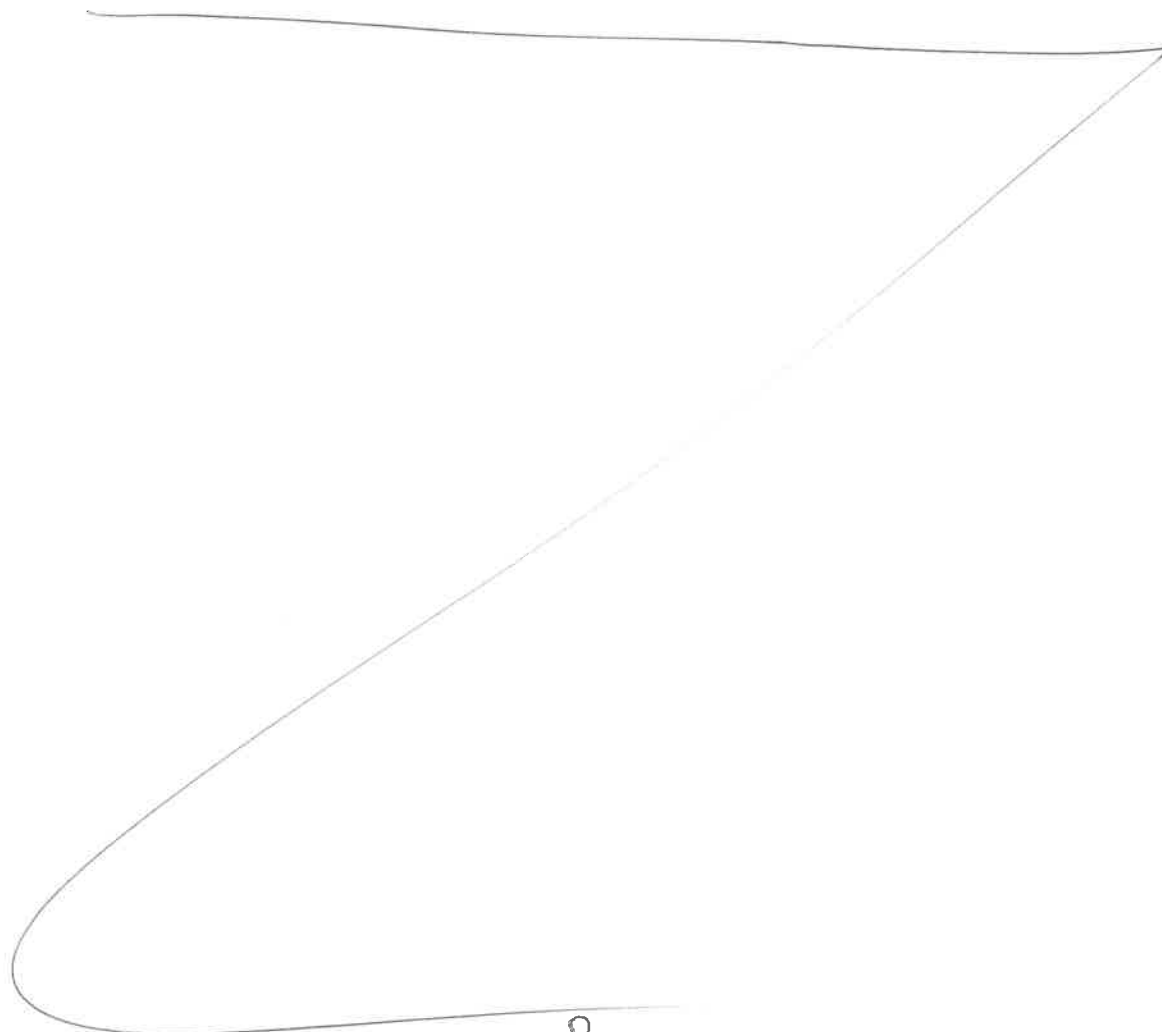
Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
04/03/25	RP (Ext. Lab)	R/SVOC
9:45	Preparation Group	Analysis Group

Analytical Method: M3510C,3580A-Extraction SVOC-20

Concentration Date: 04/03/2025

Sample ID	Client Sample ID	Test	g //mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB167430BL	SBLK430	SVOC-SIMGrou p1	1000	6	ritesh	rajesh	1			SEP-01
PB167430BS	SLCS430	SVOC-SIMGrou p1	1000	6	ritesh	rajesh	1			2
PB167430BS D	SLCSD430	SVOC-SIMGrou p1	1000	6	ritesh	rajesh	1			3
Q1690-01	MW112010	SVOC-SIMGrou p1	1000	6	ritesh	rajesh	1	E		4
Q1697-01	MW-19B-72-040125	SVOC-SIMGrou p1	970	6	ritesh	rajesh	1	I		5
Q1697-02	IW-01-55-040125	SVOC-SIMGrou p1	990	6	ritesh	rajesh	1	I		6
Q1697-03	IW-02-55-040125	SVOC-SIMGrou p1	970	6	ritesh	rajesh	1	I		7
Q1697-04	IW-02-55-040125-FD	SVOC-SIMGrou p1	970	6	ritesh	rajesh	1	I		8
Q1697-05	IW-03-55-040125	SVOC-SIMGrou p1	980	6	ritesh	rajesh	1	I		9



* Extracts relinquished on the same date as received.

8
4/3/25

1104-11

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q1697 WorkList ID : 188686 Department : Extraction Date : 04-02-2025 14:36:22

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1690-01	MW112010	Water	SVOC-SIMGroup1	Cool 4 deg C	GENV01	I31	03/31/2025	8270-Modified
Q1697-01	MW-19B-72-040125	Water	SVOC-SIMGroup1	Cool 4 deg C	JACO05	I31	04/01/2025	8270-Modified
Q1697-02	IW-01-55-040125	Water	SVOC-SIMGroup1	Cool 4 deg C	JACO05	I31	04/01/2025	8270-Modified
Q1697-03	IW-02-55-040125	Water	SVOC-SIMGroup1	Cool 4 deg C	JACO05	I31	04/01/2025	8270-Modified
Q1697-04	IW-02-55-040125-FD	Water	SVOC-SIMGroup1	Cool 4 deg C	JACO05	I31	04/01/2025	8270-Modified
Q1697-05	IW-03-55-040125	Water	SVOC-SIMGroup1	Cool 4 deg C	JACO05	I31	04/01/2025	8270-Modified

Date/Time 04/02/25 14:38
Raw Sample Received by: RJ (Ext Lab)
Raw Sample Relinquished by: f.p. (Ext Lab)

Date/Time 04/02/25 15:00
Raw Sample Received by: RJ (Ext Lab)
Raw Sample Relinquished by: RJ (Ext Lab)

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

LAB CHRONICLE

OrderID:	Q1690	OrderDate:	4/1/2025 12:32:10 PM
Client:	G Environmental	Project:	TGP
Contact:	Gary Landis	Location:	I31,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1690-01	MW112010	Water	SVOC-SIMGroup1	8270-Modified	03/31/25	04/02/25	04/03/25	04/01/25