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Hit Summary Sheet
SW-846

SDG No.: Q1736
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:	04/04/25
Project:	Stockton	Date Received:	04/04/25
Client Sample ID:	GST1	SDG No.:	Q1736
Lab Sample ID:	Q1736-01	Matrix:	SOIL
Analytical Method:	SW8270ESIM	% Solid:	78.6
Sample Wt/Vol:	30.05 Units: g	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 :	sw3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN036855.D	10	04/07/25 08:55	04/07/25 16:06	PB167475

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
123-91-1	1,4-Dioxane	29.8	U	29.8	83.8	ug/Kg
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.24		30 (17) - 150 (161)	60%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.31		30 (23) - 150 (138)	77%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.26		30 (33) - 130 (121)	65%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.20		30 (32) - 130 (121)	50%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.25		30 (21) - 130 (130)	63%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	1940	7.688			
1146-65-2	Naphthalene-d8	5040	10.477			
15067-26-2	Acenaphthene-d10	2980	14.334			
1517-22-2	Phenanthrene-d10	6220	17.074			
1719-03-5	Chrysene-d12	7410	21.268			
1520-96-3	Perylene-d12	8860	23.516			

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:	04/04/25
Project:	Stockton	Date Received:	04/04/25
Client Sample ID:	GST2	SDG No.:	Q1736
Lab Sample ID:	Q1736-02	Matrix:	SOIL
Analytical Method:	SW8270ESIM	% Solid:	80.5
Sample Wt/Vol:	30.03 Units: g	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 :	sw3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN036850.D	1	04/07/25 08:55	04/07/25 13:06	PB167475

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
123-91-1	1,4-Dioxane	2.90	U	2.90	8.20	ug/Kg
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.30		30 (17) - 150 (161)	75%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.38		30 (23) - 150 (138)	94%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.29		30 (33) - 130 (121)	73%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.30		30 (32) - 130 (121)	76%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.29		30 (21) - 130 (130)	72%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	1540	7.688			
1146-65-2	Naphthalene-d8	3990	10.477			
15067-26-2	Acenaphthene-d10	2300	14.334			
1517-22-2	Phenanthrene-d10	4940	17.074			
1719-03-5	Chrysene-d12	4940	21.277			
1520-96-3	Perylene-d12	4830	23.519			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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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.: Q1736

Client: G Environmental

Analytical Method: 8270-Modified

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
PB167475BL	PB167475BL	2-Methylnaphthalene-d10	0.4	0.33	82		30 (17)	150 (161)
		Fluoranthene-d10	0.4	0.41	103		30 (23)	150 (138)
		Nitrobenzene-d5	0.4	0.31	76		30 (33)	130 (121)
		2-Fluorobiphenyl	0.4	0.26	65		30 (32)	130 (121)
		Terphenyl-d14	0.4	0.35	88		30 (21)	130 (130)
PB167475BS	PB167475BS	2-Methylnaphthalene-d10	0.4	0.37	93		30 (17)	150 (161)
		Fluoranthene-d10	0.4	0.36	89		30 (23)	150 (138)
		Nitrobenzene-d5	0.4	0.31	78		30 (33)	130 (121)
		2-Fluorobiphenyl	0.4	0.34	85		30 (32)	130 (121)
		Terphenyl-d14	0.4	0.33	83		30 (21)	130 (130)
Q1736-01	GST1	2-Methylnaphthalene-d10	0.4	0.24	60		30 (17)	150 (161)
		Fluoranthene-d10	0.4	0.31	77		30 (23)	150 (138)
		Nitrobenzene-d5	0.4	0.26	65		30 (33)	130 (121)
		2-Fluorobiphenyl	0.4	0.20	50		30 (32)	130 (121)
		Terphenyl-d14	0.4	0.25	63		30 (21)	130 (130)
Q1736-02	GST2	2-Methylnaphthalene-d10	0.4	0.30	75		30 (17)	150 (161)
		Fluoranthene-d10	0.4	0.38	94		30 (23)	150 (138)
		Nitrobenzene-d5	0.4	0.29	73		30 (33)	130 (121)
		2-Fluorobiphenyl	0.4	0.30	76		30 (32)	130 (121)
		Terphenyl-d14	0.4	0.29	72		30 (21)	130 (130)
Q1736-02MS	GST2MS	2-Methylnaphthalene-d10	0.4	0.27	67		30 (17)	150 (161)
		Fluoranthene-d10	0.4	0.31	78		30 (23)	150 (138)
		Nitrobenzene-d5	0.4	0.25	63		30 (33)	130 (121)
		2-Fluorobiphenyl	0.4	0.27	66		30 (32)	130 (121)
		Terphenyl-d14	0.4	0.26	64		30 (21)	130 (130)
Q1736-02MSD	GST2MSD	2-Methylnaphthalene-d10	0.4	0.30	75		30 (17)	150 (161)
		Fluoranthene-d10	0.4	0.34	84		30 (23)	150 (138)
		Nitrobenzene-d5	0.4	0.28	69		30 (33)	130 (121)
		2-Fluorobiphenyl	0.4	0.27	66		30 (32)	130 (121)
		Terphenyl-d14	0.4	0.28	70		30 (21)	130 (130)

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1736

Client: G Environmental

Analytical Method: SW8270-Modified

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	Q1736-02MS	Client Sample ID:	GST2MS					DataFile:	BN036851.D		
1,4-Dioxane	16.5	0	12.7	ug/Kg	77				20 (70)	160 (130)	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q1736

Client: G Environmental

Analytical Method: SW8270-Modified

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	Q1736-02MSD	Client Sample ID:	GST2MSD					DataFile:	BN036852.D		
1,4-Dioxane	16.5	0	14.3	ug/Kg	87		12		20 (70)	160 (130)	30 (20)

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1736

Client: G Environmental

Analytical Method: 8270-Modified DataFile: BN036853.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB167475BS	1,4-Dioxane	13.3	10.4	ug/Kg	78				20 (70)	160 (130)	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB167475BL

Lab Name: CHEMTECH

Contract: GENV01

Lab Code: CHEM Case No.: Q1736

SAS No.: Q1736 SDG NO.: Q1736

Lab File ID: BN036854.D

Lab Sample ID: PB167475BL

Instrument ID: BNA_N

Date Extracted: 04/07/2025

Matrix: (soil/water) SOIL

Date Analyzed: 04/07/2025

Level: (low/med) LOW

Time Analyzed: 15:30

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB167475BS	PB167475BS	BN036853.D	04/07/2025
GST2	Q1736-02	BN036850.D	04/07/2025
GST2MS	Q1736-02MS	BN036851.D	04/07/2025
GST2MSD	Q1736-02MSD	BN036852.D	04/07/2025
GST1	Q1736-01	BN036855.D	04/07/2025

COMMENTS: _____

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: GENV01

Lab Code: CHEM

SAS No.: Q1736

SDG NO.: Q1736

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.: Q1736

SDG NO.: Q1736

Lab File ID: BN036846.D

DFTPP Injection Date: 04/07/2025

Instrument ID: BNA_N

DFTPP Injection Time: 08:31

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	64.1
68	Less than 2.0% of mass 69	0.9 (1.6) 1
69	Mass 69 relative abundance	54
70	Less than 2.0% of mass 69	0.3 (0.5) 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	6.7
275	10.0 - 60.0% of mass 198	23.9
365	Greater than 1% of mass 198	3.9
441	Present, but less than mass 443	8.8
442	Greater than 50% of mass 198	55.6
443	15.0 - 24.0% of mass 442	10.4 (18.7) 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	BN036847.D	04/07/2025	09:10
GST2	Q1736-02	BN036850.D	04/07/2025	13:06
GST2MS	Q1736-02MS	BN036851.D	04/07/2025	13:41
GST2MSD	Q1736-02MSD	BN036852.D	04/07/2025	14:18
PB167475BS	PB167475BS	BN036853.D	04/07/2025	14:54
PB167475BL	PB167475BL	BN036854.D	04/07/2025	15:30
GST1	Q1736-01	BN036855.D	04/07/2025	16:06

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1736 SAS No.: Q1736 SDG NO.: Q1736

EPA Sample No.: SSTDCCC0.4 Date Analyzed: 04/07/2025

Lab File ID: BN036847.D Time Analyzed: 09:10

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	1549	7.688	3923	10.48	2335	14.33
UPPER LIMIT	3098	8.188	7846	10.977	4670	14.834
LOWER LIMIT	774.5	7.188	1961.5	9.977	1167.5	13.834
EPA SAMPLE NO.						
01 PB167475BL	1861	7.70	4270	10.49	2449	14.35
02 GST2	1541	7.69	3985	10.48	2296	14.33
03 PB167475BS	2470	7.69	6168	10.48	3444	14.33
04 GST1	1939	7.69	5044	10.48	2978	14.33
05 GST2MS	2354	7.69	6078	10.47	3507	14.33
06 GST2MSD	2270	7.69	5950	10.48	3412	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.: Q1736 SAS No.: Q1736 SDG NO.: Q1736

EPA Sample No.: SSTDCCC0.4 Date Analyzed: 04/07/2025

Lab File ID: BN036847.D Time Analyzed: 09:10

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	5079	17.074	4233	21.277	3968	23.516
UPPER LIMIT	10158	17.574	8466	21.777	7936	24.016
LOWER LIMIT	2539.5	16.574	2116.5	20.777	1984	23.016
EPA SAMPLE NO.						
01 PB167475BL	4708	17.10	4003	21.29	3652	23.52
02 GST2	4940	17.07	4936	21.28	4825	23.52
03 PB167475BS	7012	17.07	5617	21.27	4951	23.52
04 GST1	6224	17.07	7413	21.27	8861 *	23.52
05 GST2MS	7277	17.07	6717	21.27	6473	23.51
06 GST2MSD	6916	17.07	6228	21.27	5983	23.51

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:	Stockton	Date Received:	
Client Sample ID:	PB167475BL	SDG No.:	Q1736
Lab Sample ID:	PB167475BL	Matrix:	SOIL
Analytical Method:	SW8270ESIM	% Solid:	100
Sample Wt/Vol:	30.01 Units: g	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 :	sw3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN036854.D	1	04/07/25 08:55	04/07/25 15:30	PB167475

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
123-91-1	1,4-Dioxane	2.30	U	2.30	6.60	ug/Kg
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.33		30 (17) - 150 (161)	82%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.41		30 (23) - 150 (138)	103%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.31		30 (33) - 130 (121)	76%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.26		30 (32) - 130 (121)	65%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.35		30 (21) - 130 (130)	88%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	1860	7.695			
1146-65-2	Naphthalene-d8	4270	10.487			
15067-26-2	Acenaphthene-d10	2450	14.345			
1517-22-2	Phenanthrene-d10	4710	17.099			
1719-03-5	Chrysene-d12	4000	21.286			
1520-96-3	Perylene-d12	3650	23.522			

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J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

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() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Stockton	Date Received:	
Client Sample ID:	PB167475BS	SDG No.:	Q1736
Lab Sample ID:	PB167475BS	Matrix:	SOIL
Analytical Method:	SW8270ESIM	% Solid:	100
Sample Wt/Vol:	30.02 Units: g	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 :	sw3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN036853.D	1	04/07/25 08:55	04/07/25 14:54	PB167475

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
123-91-1	1,4-Dioxane	10.4		2.30	6.60	ug/Kg
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.37		30 (17) - 150 (161)	93%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.36		30 (23) - 150 (138)	89%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.31		30 (33) - 130 (121)	78%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.34		30 (32) - 130 (121)	85%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.33		30 (21) - 130 (130)	83%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	2470	7.688			
1146-65-2	Naphthalene-d8	6170	10.477			
15067-26-2	Acenaphthene-d10	3440	14.334			
1517-22-2	Phenanthrene-d10	7010	17.074			
1719-03-5	Chrysene-d12	5620	21.268			
1520-96-3	Perylene-d12	4950	23.516			

U = Not Detected

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MDL = Method Detection Limit

LOD = Limit of Detection

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D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	G Environmental	Date Collected:	04/04/25
Project:	Stockton	Date Received:	04/04/25
Client Sample ID:	GST2MS	SDG No.:	Q1736
Lab Sample ID:	Q1736-02MS	Matrix:	SOIL
Analytical Method:	SW8270ESIM	% Solid:	80.5
Sample Wt/Vol:	30.08 Units: g	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 :	sw3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN036851.D	1	04/07/25 08:55	04/07/25 13:41	PB167475

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
123-91-1	1,4-Dioxane	12.7		2.90	8.20	ug/Kg
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.27		30 (17) - 150 (161)	67%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.31		30 (23) - 150 (138)	78%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.25		30 (33) - 130 (121)	63%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.27		30 (32) - 130 (121)	66%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.26		30 (21) - 130 (130)	64%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	2350	7.688			
1146-65-2	Naphthalene-d8	6080	10.466			
15067-26-2	Acenaphthene-d10	3510	14.334			
1517-22-2	Phenanthrene-d10	7280	17.074			
1719-03-5	Chrysene-d12	6720	21.268			
1520-96-3	Perylene-d12	6470	23.513			

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:	04/04/25
Project:	Stockton	Date Received:	04/04/25
Client Sample ID:	GST2MSD	SDG No.:	Q1736
Lab Sample ID:	Q1736-02MSD	Matrix:	SOIL
Analytical Method:	SW8270ESIM	% Solid:	80.5
Sample Wt/Vol:	30.06 Units: g	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 :	sw3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN036852.D	1	04/07/25 08:55	04/07/25 14:18	PB167475

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
123-91-1	1,4-Dioxane	14.3		2.90	8.20	ug/Kg
SURROGATES						
7297-45-2	2-Methylnaphthalene-d10	0.30		30 (17) - 150 (161)	75%	SPK: 0.4
93951-69-0	Fluoranthene-d10	0.34		30 (23) - 150 (138)	84%	SPK: 0.4
4165-60-0	Nitrobenzene-d5	0.28		30 (33) - 130 (121)	69%	SPK: 0.4
321-60-8	2-Fluorobiphenyl	0.27		30 (32) - 130 (121)	66%	SPK: 0.4
1718-51-0	Terphenyl-d14	0.28		30 (21) - 130 (130)	70%	SPK: 0.4
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	2270	7.688			
1146-65-2	Naphthalene-d8	5950	10.477			
15067-26-2	Acenaphthene-d10	3410	14.334			
1517-22-2	Phenanthrene-d10	6920	17.074			
1719-03-5	Chrysene-d12	6230	21.268			
1520-96-3	Perylene-d12	5980	23.514			

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

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.: Q1736 SAS No.: Q1736 SDG No.: Q1736

Instrument ID: BNA_N Calibration Date/Time: 04/07/2025 09:10

Lab File ID: BN036847.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	0.593		-0.3	20.0
Fluoranthene-d10	1.025	1.128		10.0	20.0
2-Fluorophenol	0.932	0.910		-2.4	20.0
Phenol-d6	1.152	1.108		-3.8	20.0
Nitrobenzene-d5	0.435	0.406		-6.7	20.0
2-Fluorobiphenyl	2.327	2.119		-8.9	20.0
2,4,6-Tribromophenol	0.182	0.174		-4.4	20.0
Terphenyl-d14	0.958	0.887		-7.4	20.0
1,4-Dioxane	0.444	0.474		6.8	20.0

All other compounds must meet a minimum RRF of 0.010.



SAMPLE RAW DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040725\
 Data File : BN036855.D
 Acq On : 07 Apr 2025 16:06
 Operator : RC/JU
 Sample : Q1736-01 10X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GST1

A
B
C
D
E
F
G
H
I
J
K

Quant Time: Apr 07 16:29:28 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 04 17:30:43 2025
 Response via : Initial Calibration

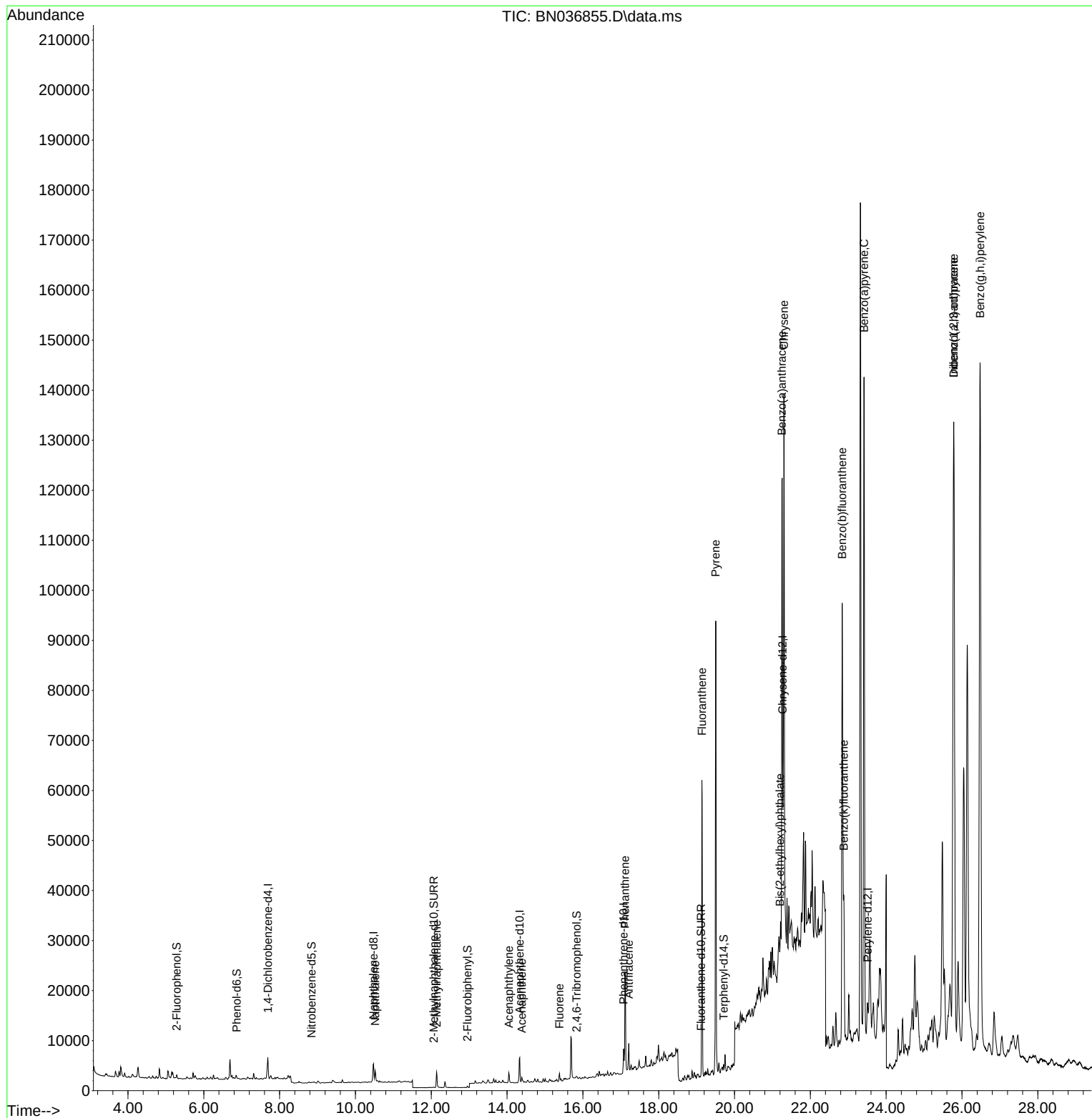
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.688	152	1939	0.400	ng	0.00
7) Naphthalene-d8	10.477	136	5044	0.400	ng	0.00
13) Acenaphthene-d10	14.334	164	2978	0.400	ng	0.00
19) Phenanthrene-d10	17.074	188	6224	0.400	ng	# 0.00
29) Chrysene-d12	21.268	240	7413	0.400	ng	# 0.00
35) Perylene-d12	23.516	264	8861	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.283	112	120	0.027	ng	0.00
5) Phenol-d6	6.865	99	152	0.027	ng	0.00
8) Nitrobenzene-d5	8.843	82	142	0.026	ng	0.00
11) 2-Methylnaphthalene-d10	12.065	152	180	0.024	ng	0.00
14) 2,4,6-Tribromophenol	15.833	330	39	0.029	ng	0.00
15) 2-Fluorobiphenyl	12.953	172	355	0.020	ng	0.00
27) Fluoranthene-d10	19.113	212	502	0.031	ng	0.00
31) Terphenyl-d14	19.713	244	452	0.025	ng	0.00
Target Compounds						
9) Naphthalene	10.520	128	3104	0.209	ng	95
12) 2-Methylnaphthalene	12.141	142	2323	0.246	ng	98
16) Acenaphthylene	14.046	152	2115	0.150	ng	96
17) Acenaphthene	14.388	154	411	0.045	ng	93
18) Fluorene	15.382	166	918	0.074	ng	# 85
25) Phenanthrene	17.111	178	22624	1.212	ng	99
26) Anthracene	17.211	178	5756	0.342	ng	98
28) Fluoranthene	19.141	202	51418	2.452	ng	99
30) Pyrene	19.504	202	78266	2.159	ng	# 96
32) Benzo(a)anthracene	21.250	228	90150	3.497	ng	95
33) Chrysene	21.304	228	100010	3.551	ng	97
34) Bis(2-ethylhexyl)phtha...	21.196	149	2141	0.117	ng	# 97
36) Indeno(1,2,3-cd)pyrene	25.782	276	128371	4.014	ng	# 92
37) Benzo(b)fluoranthene	22.841	252	132699	4.115	ng	# 89
38) Benzo(k)fluoranthene	22.879	252	32592m	0.963	ng	
39) Benzo(a)pyrene	23.417	252	177833m	6.549	ng	
40) Dibenzo(a,h)anthracene	25.782	278	124897	5.016	ng	95
41) Benzo(g,h,i)perylene	26.478	276	270825	9.508	ng	96

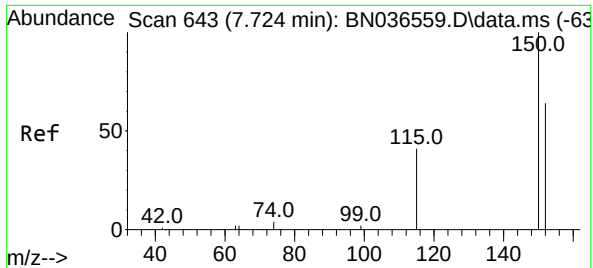
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040725\
Data File : BN036855.D
Acq On : 07 Apr 2025 16:06
Operator : RC/JU
Sample : Q1736-01 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GST1

Quant Time: Apr 07 16:29:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 04 17:30:43 2025
Response via : Initial Calibration

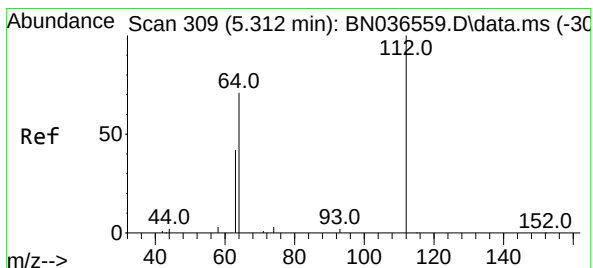
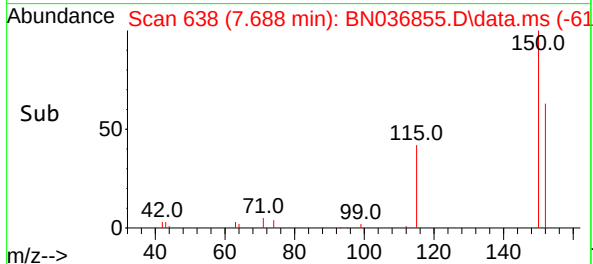
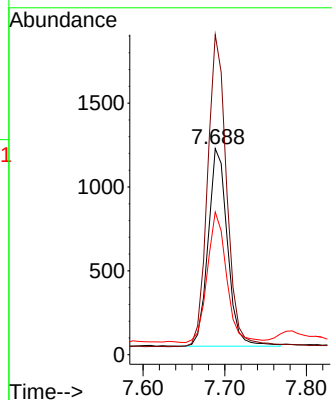
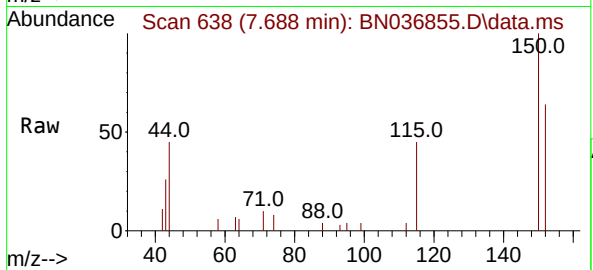




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.688 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN036855.D
Acq: 07 Apr 2025 16:06

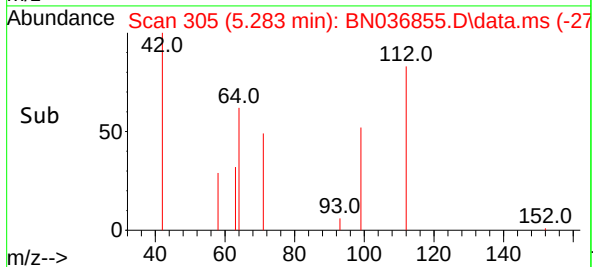
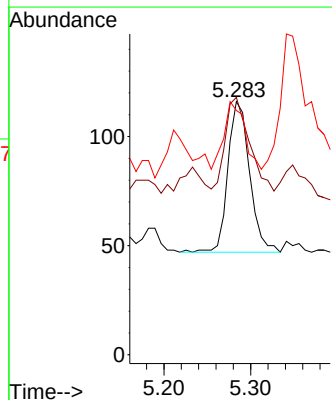
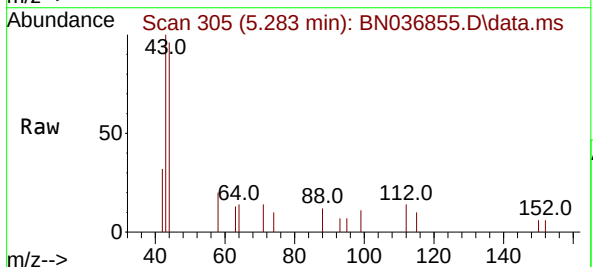
Instrument :
BNA_N
ClientSampleId :
GST1

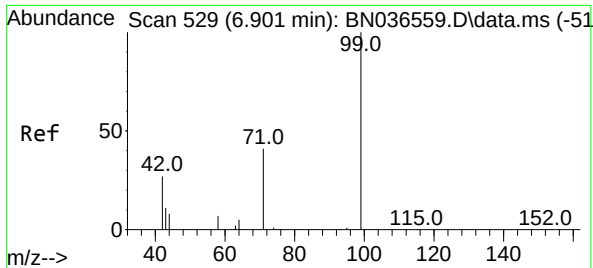
Tgt Ion:152 Resp: 1939
Ion Ratio Lower Upper
152 100
150 155.2 123.7 185.5
115 69.2 54.3 81.5



#4
2-Fluorophenol
Concen: 0.027 ng
RT: 5.283 min Scan# 305
Delta R.T. 0.000 min
Lab File: BN036855.D
Acq: 07 Apr 2025 16:06

Tgt Ion:112 Resp: 120
Ion Ratio Lower Upper
112 100
64 91.7 53.1 79.7#
63 41.7 31.8 47.8

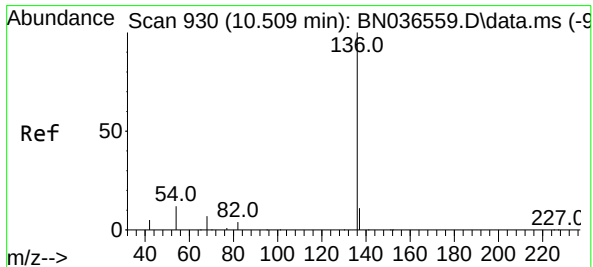
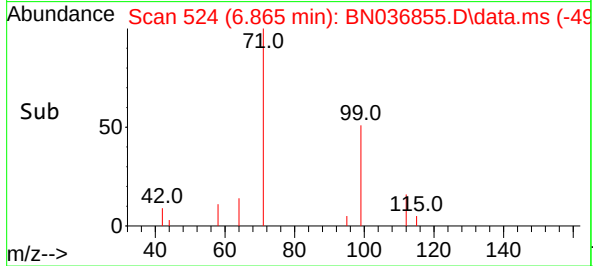
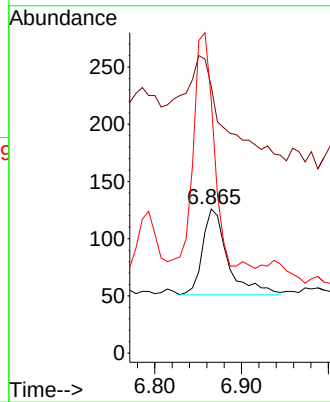
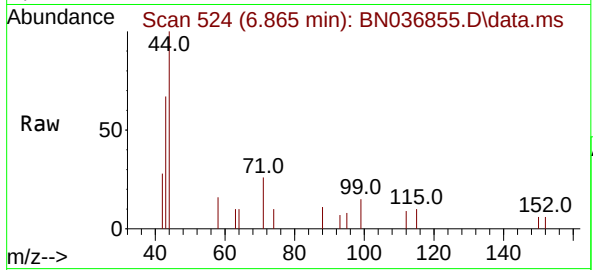




#5
Phenol-d6
Concen: 0.027 ng
RT: 6.865 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN036855.D
Acq: 07 Apr 2025 16:06

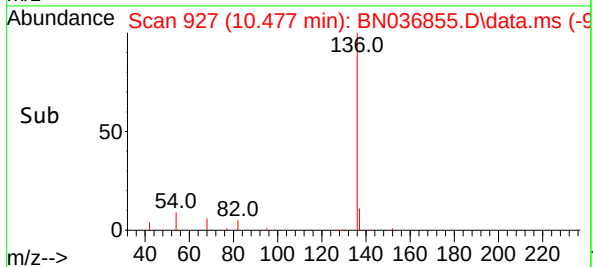
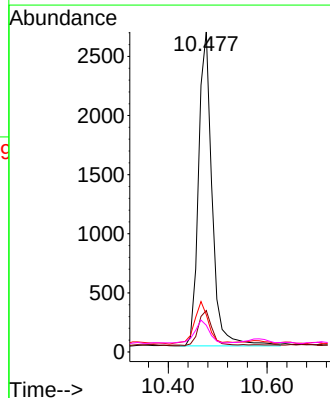
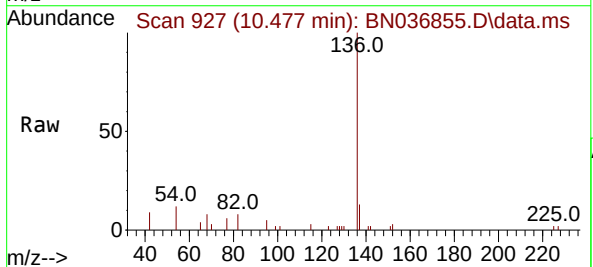
Instrument :
BNA_N
ClientSampleId :
GST1

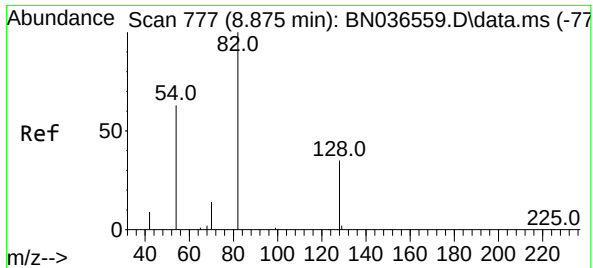
Tgt Ion: 99 Resp: 152
Ion Ratio Lower Upper
99 100
42 162.5 26.5 39.7#
71 217.1 34.1 51.1#



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.477 min Scan# 927
Delta R.T. 0.000 min
Lab File: BN036855.D
Acq: 07 Apr 2025 16:06

Tgt Ion: 136 Resp: 5044
Ion Ratio Lower Upper
136 100
137 13.0 10.3 15.5
54 11.7 11.5 17.3
68 8.3 7.0 10.4

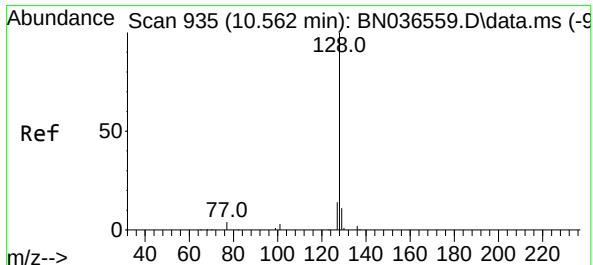
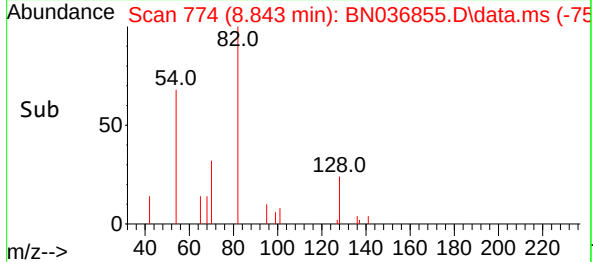
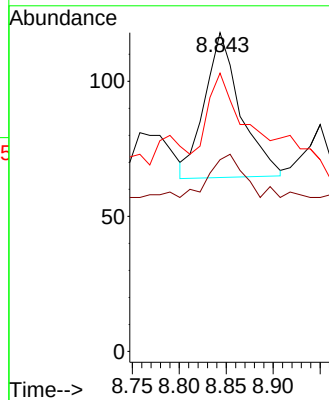
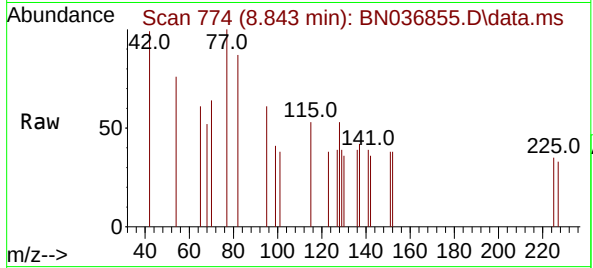




#8
Nitrobenzene-d5
Concen: 0.026 ng
RT: 8.843 min Scan# 71
Delta R.T. 0.000 min
Lab File: BN036855.D
Acq: 07 Apr 2025 16:06

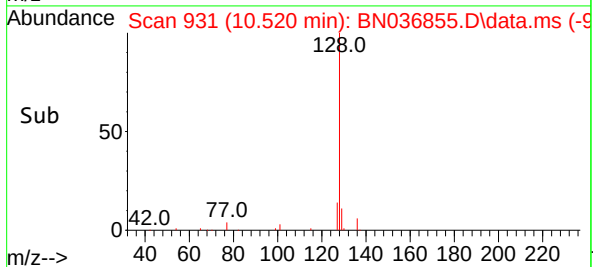
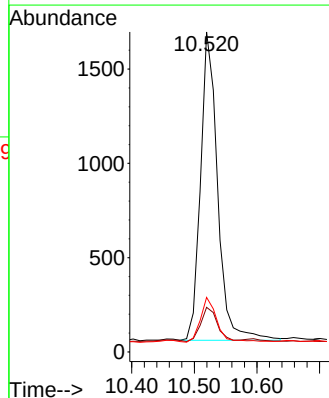
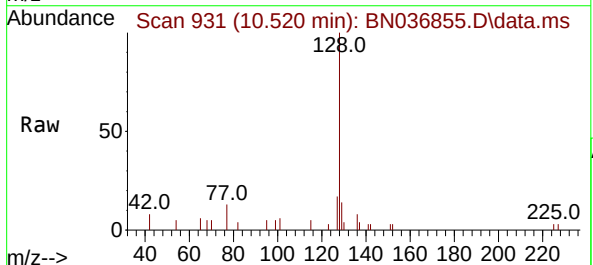
Instrument :
BNA_N
ClientSampleId :
GST1

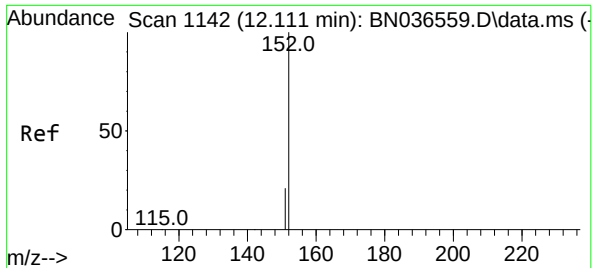
Tgt Ion: 82 Resp: 142
Ion Ratio Lower Upper
82 100
128 60.2 30.6 45.8#
54 87.3 52.2 78.4#



#9
Naphthalene
Concen: 0.209 ng
RT: 10.520 min Scan# 931
Delta R.T. 0.000 min
Lab File: BN036855.D
Acq: 07 Apr 2025 16:06

Tgt Ion: 128 Resp: 3104
Ion Ratio Lower Upper
128 100
129 14.0 9.8 14.6
127 17.0 11.8 17.8

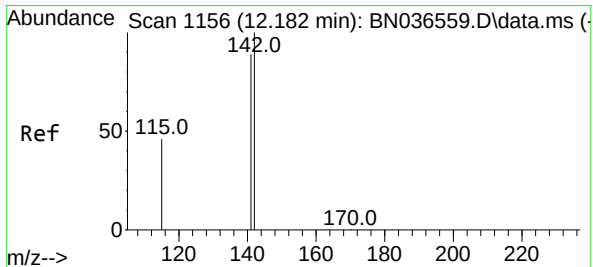
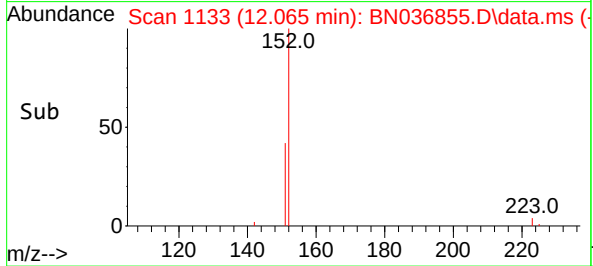
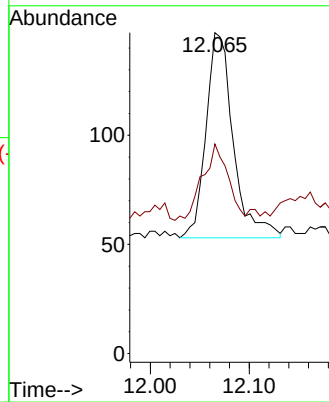
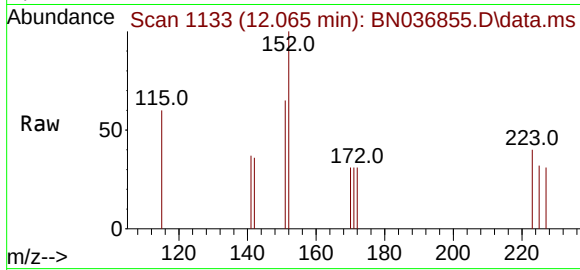




#11
2-Methylnaphthalene-d10
Concen: 0.024 ng
RT: 12.065 min Scan# 1142
Delta R.T. -0.005 min
Lab File: BN036855.D
Acq: 07 Apr 2025 16:06

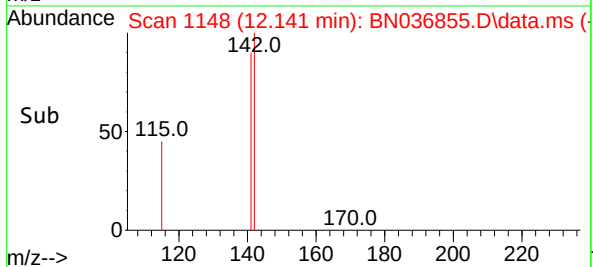
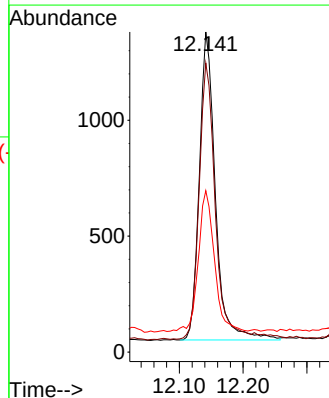
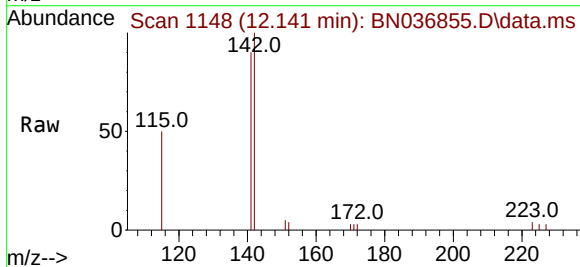
Instrument :
BNA_N
ClientSampleId :
GST1

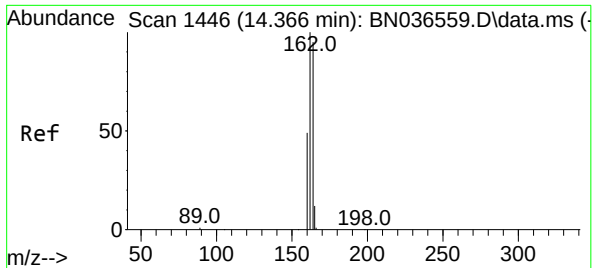
Tgt Ion:152 Resp: 180
Ion Ratio Lower Upper
152 100
151 35.0 17.0 25.6#



#12
2-Methylnaphthalene
Concen: 0.246 ng
RT: 12.141 min Scan# 1148
Delta R.T. -0.005 min
Lab File: BN036855.D
Acq: 07 Apr 2025 16:06

Tgt Ion:142 Resp: 2323
Ion Ratio Lower Upper
142 100
141 90.3 71.7 107.5
115 50.4 38.3 57.5

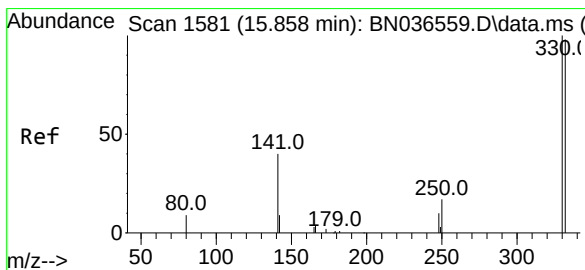
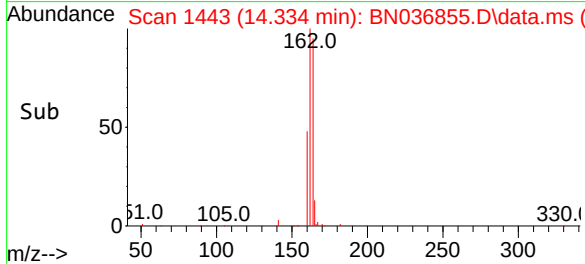
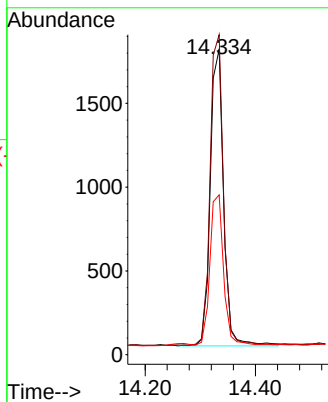
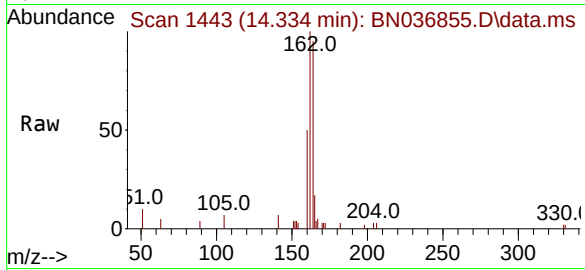




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.334 min Scan# 1443
Delta R.T. 0.000 min
Lab File: BN036855.D
Acq: 07 Apr 2025 16:06

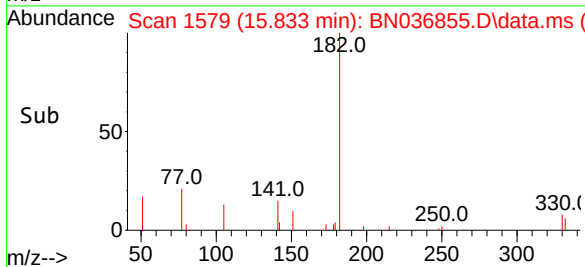
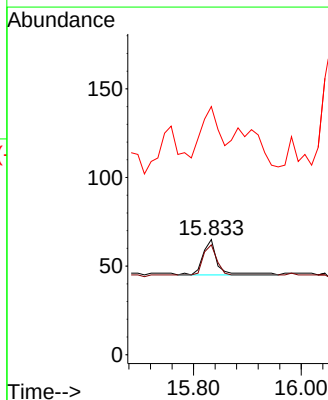
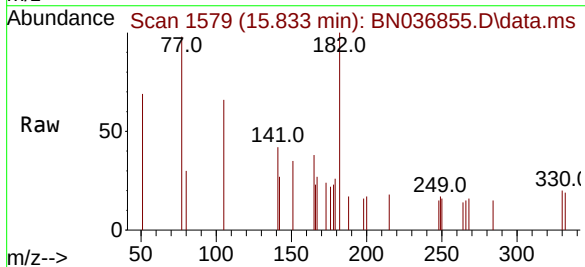
Instrument :
BNA_N
ClientSampleId :
GST1

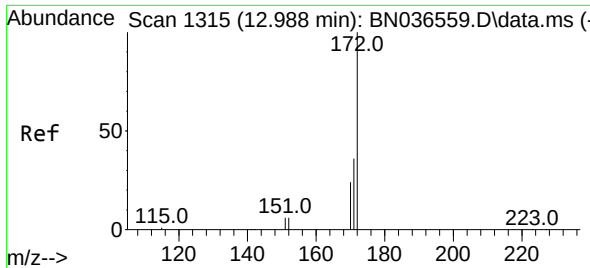
Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.8	84.2	126.2
160	52.3	42.2	63.2



#14
2,4,6-Tribromophenol
Concen: 0.029 ng
RT: 15.833 min Scan# 1579
Delta R.T. 0.000 min
Lab File: BN036855.D
Acq: 07 Apr 2025 16:06

Tgt Ion	Ratio	Lower	Upper
330	100		
332	82.1	75.2	112.8
141	223.1	43.4	65.2#

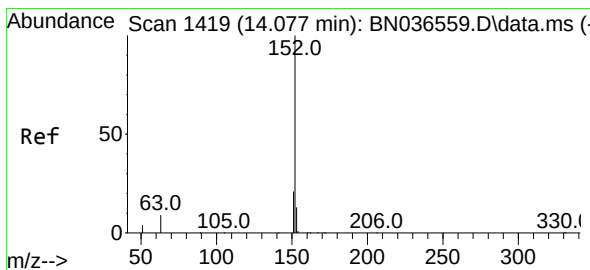
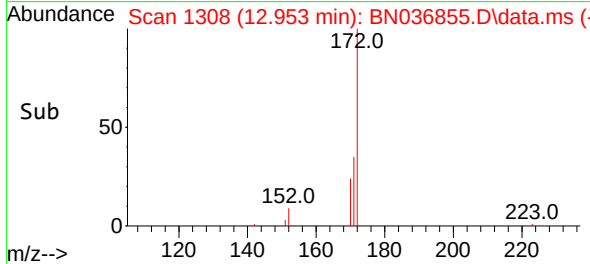
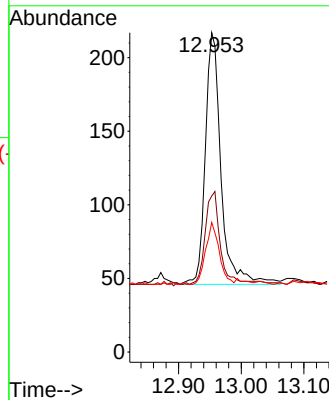
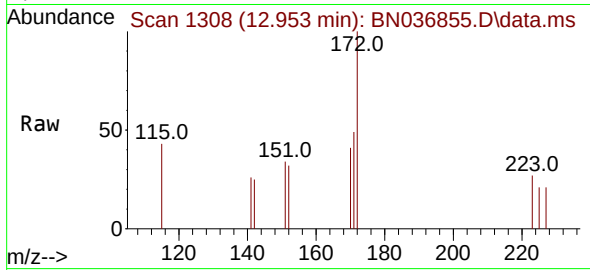




#15
2-Fluorobiphenyl
Concen: 0.020 ng
RT: 12.953 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN036855.D
Acq: 07 Apr 2025 16:06

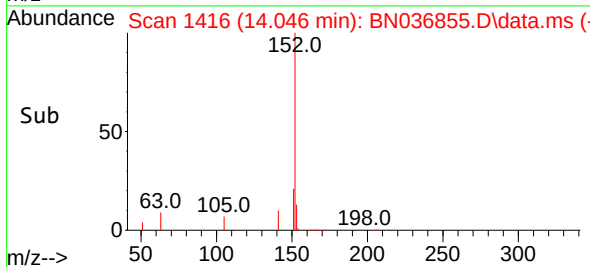
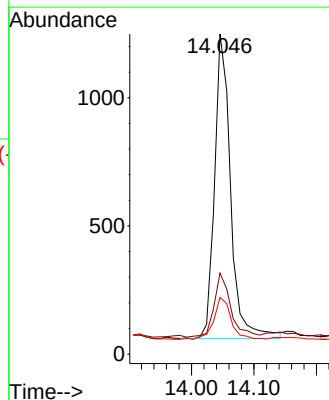
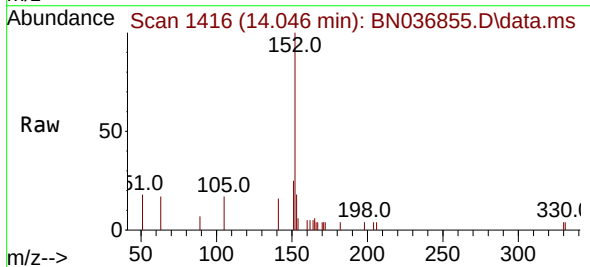
Instrument :
BNA_N
ClientSampleId :
GST1

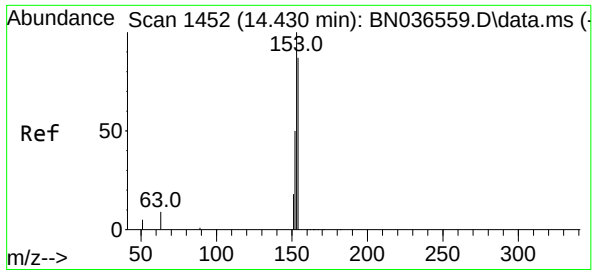
Tgt Ion	Ratio	Lower	Upper
172	100		
171	48.8	29.5	44.3#
170	40.6	20.2	30.4#



#16
Acenaphthylene
Concen: 0.150 ng
RT: 14.046 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BN036855.D
Acq: 07 Apr 2025 16:06

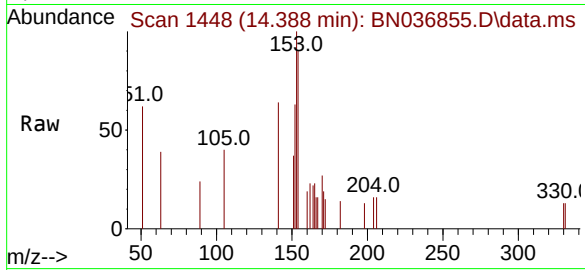
Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.8	16.2	24.4
153	15.1	10.6	15.8



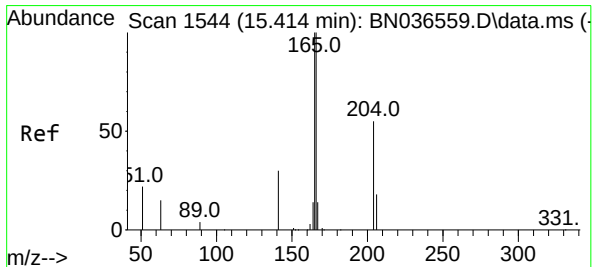
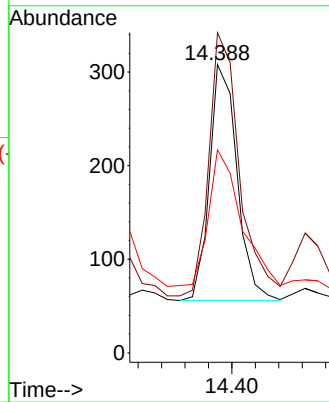
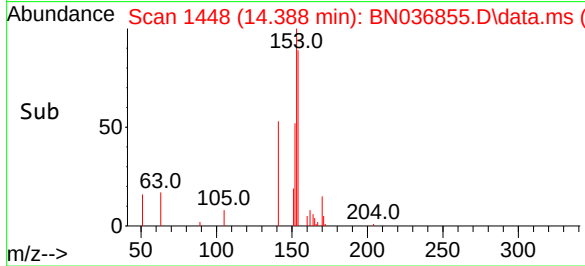


#17
Acenaphthene
Concen: 0.045 ng
RT: 14.388 min Scan# 1448
Delta R.T. -0.011 min
Lab File: BN036855.D
Acq: 07 Apr 2025 16:06

Instrument :
BNA_N
ClientSampleId :
GST1

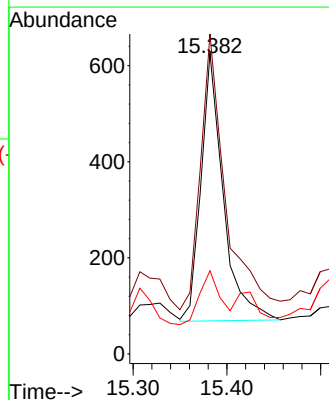
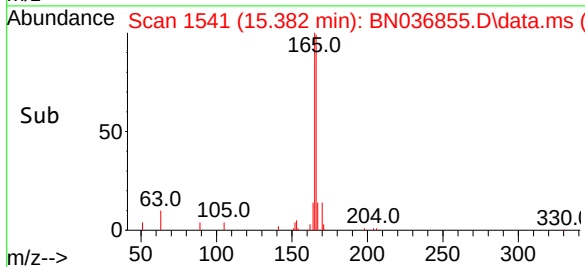
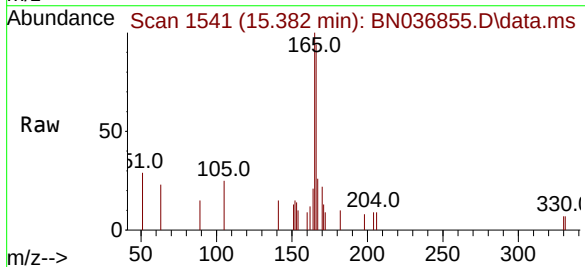


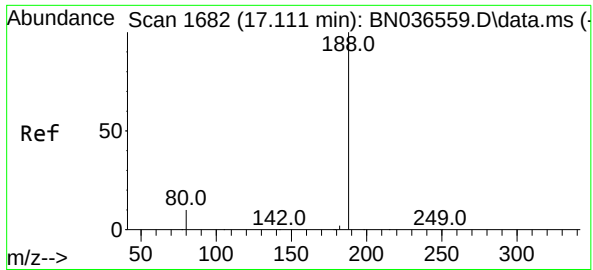
Tgt Ion:154 Resp: 411
Ion Ratio Lower Upper
154 100
153 123.4 94.1 141.1
152 69.3 49.8 74.6



#18
Fluorene
Concen: 0.074 ng
RT: 15.382 min Scan# 1541
Delta R.T. 0.000 min
Lab File: BN036855.D
Acq: 07 Apr 2025 16:06

Tgt Ion:166 Resp: 918
Ion Ratio Lower Upper
166 100
165 114.5 79.8 119.8
167 19.1 10.6 15.8#





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.074 min Scan# 1

Delta R.T. 0.000 min

Lab File: BN036855.D

Acq: 07 Apr 2025 16:06

Instrument :

BNA_N

ClientSampleId :

GST1

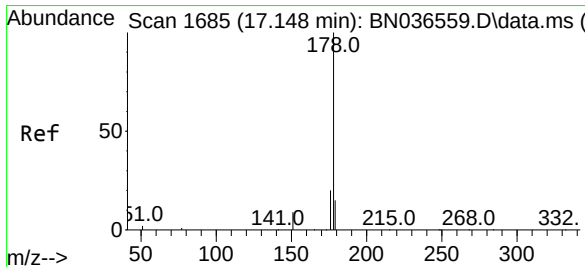
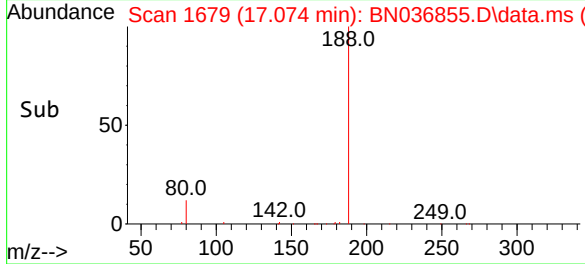
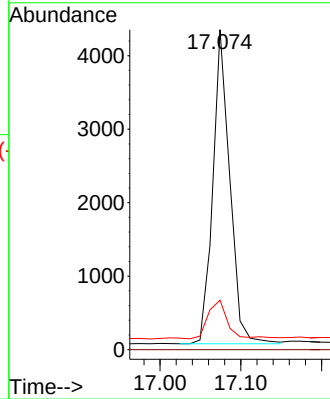
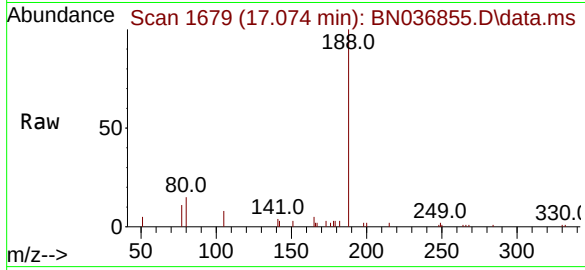
Tgt Ion:188 Resp: 6224

Ion Ratio Lower Upper

188 100

94 0.0 0.0 0.0

80 15.5 8.8 13.2#



#25

Phenanthrene

Concen: 1.212 ng

RT: 17.111 min Scan# 1682

Delta R.T. -0.012 min

Lab File: BN036855.D

Acq: 07 Apr 2025 16:06

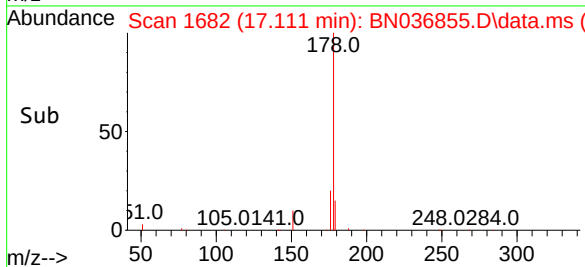
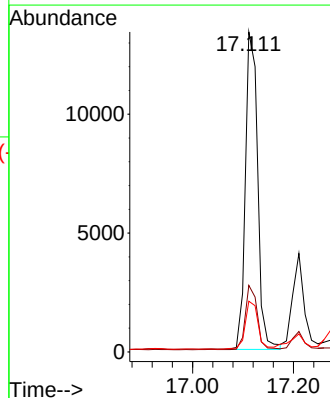
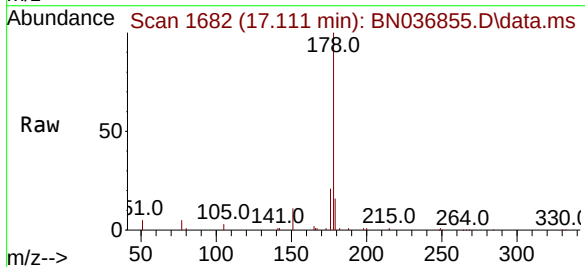
Tgt Ion:178 Resp: 22624

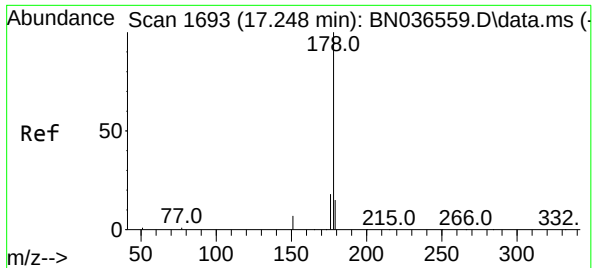
Ion Ratio Lower Upper

178 100

176 19.5 15.9 23.9

179 15.6 12.2 18.4

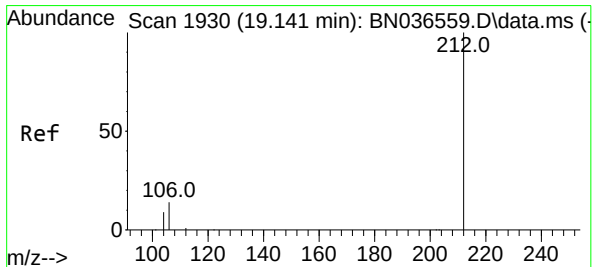
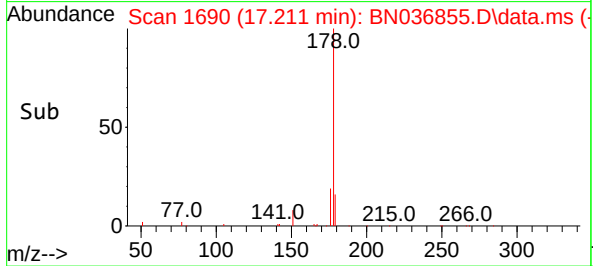
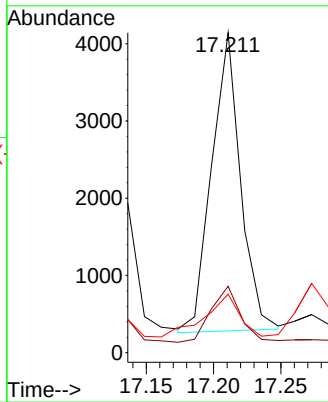
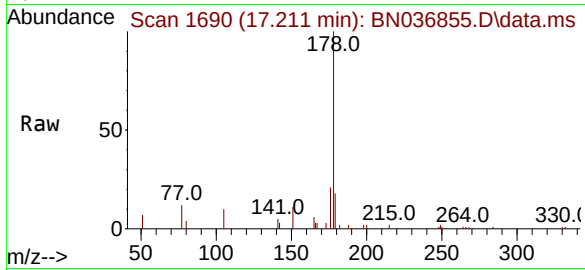




#26
Anthracene
Concen: 0.342 ng
RT: 17.211 min Scan# 1690
Delta R.T. 0.000 min
Lab File: BN036855.D
Acq: 07 Apr 2025 16:06

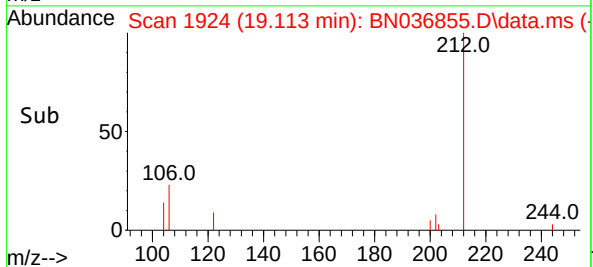
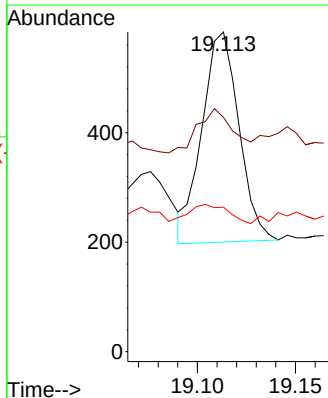
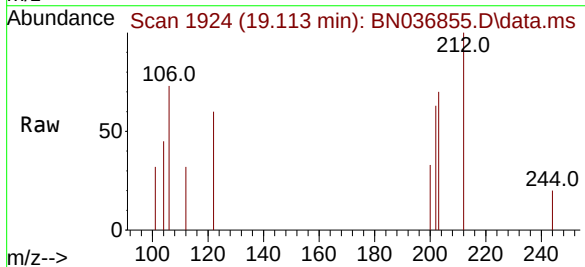
Instrument :
BNA_N
ClientSampleId :
GST1

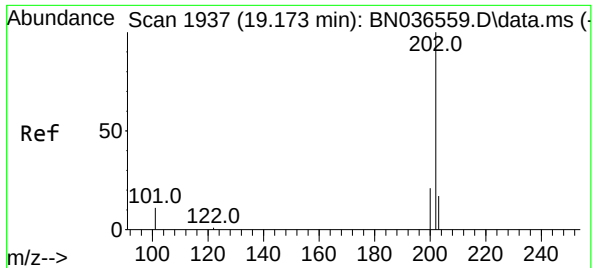
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	17.8	12.6	18.8



#27
Fluoranthene-d10
Concen: 0.031 ng
RT: 19.113 min Scan# 1924
Delta R.T. 0.000 min
Lab File: BN036855.D
Acq: 07 Apr 2025 16:06

Tgt Ion	Ratio	Lower	Upper
212	100		
106	20.1	11.8	17.6#
104	10.8	7.3	10.9

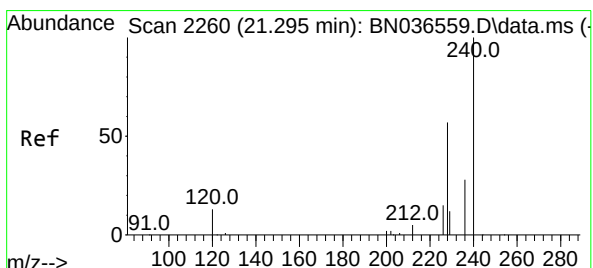
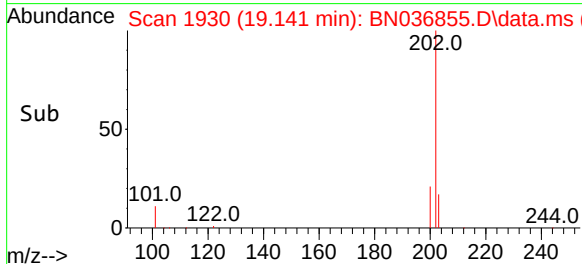
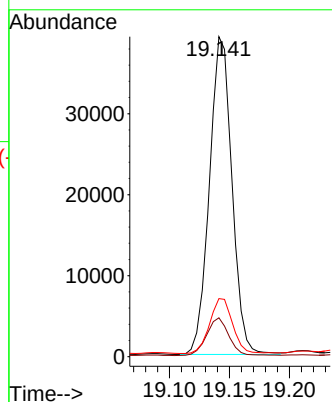
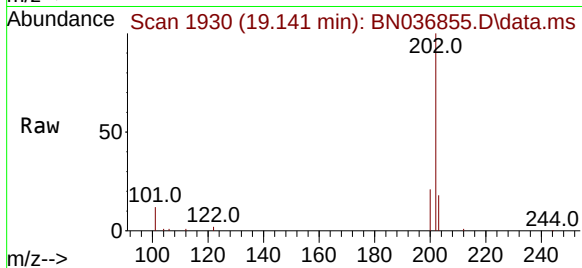




#28
Fluoranthene
Concen: 2.452 ng
RT: 19.141 min Scan# 1937
Delta R.T. 0.000 min
Lab File: BN036855.D
Acq: 07 Apr 2025 16:06

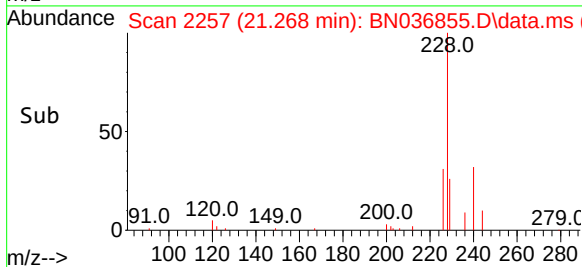
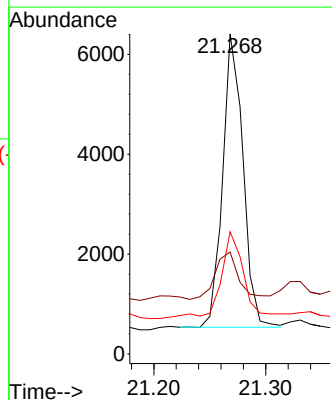
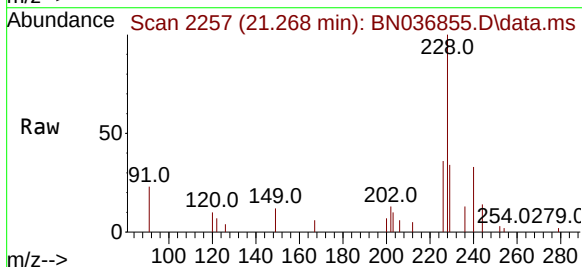
Instrument :
BNA_N
ClientSampleId :
GST1

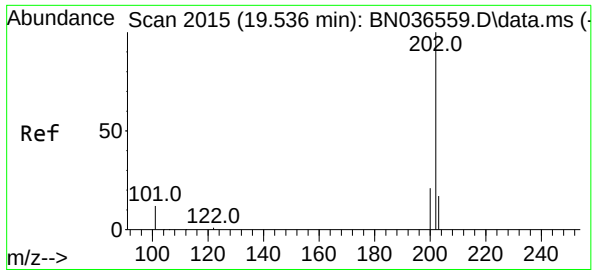
Tgt Ion:202 Resp: 51418
Ion Ratio Lower Upper
202 100
101 11.7 9.4 14.0
203 17.6 13.5 20.3



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.268 min Scan# 2257
Delta R.T. 0.000 min
Lab File: BN036855.D
Acq: 07 Apr 2025 16:06

Tgt Ion:240 Resp: 7413
Ion Ratio Lower Upper
240 100
120 31.8 14.6 22.0#
236 38.2 24.1 36.1#





#30

Pyrene

Concen: 2.159 ng

RT: 19.504 min Scan# 2008

Delta R.T. -0.005 min

Lab File: BN036855.D

Acq: 07 Apr 2025 16:06

Instrument :

BNA_N

ClientSampleId :

GST1

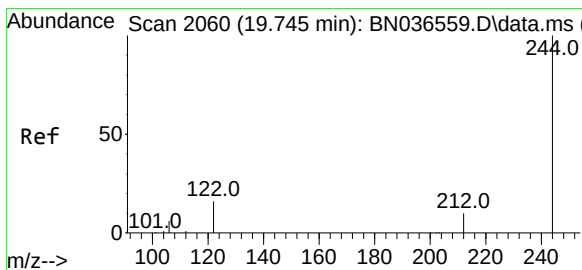
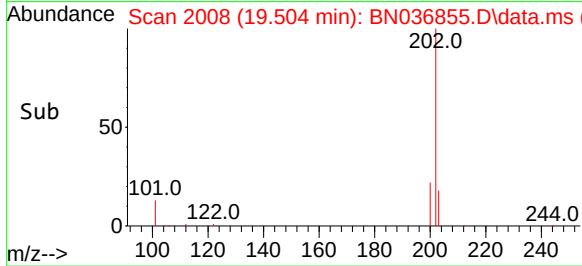
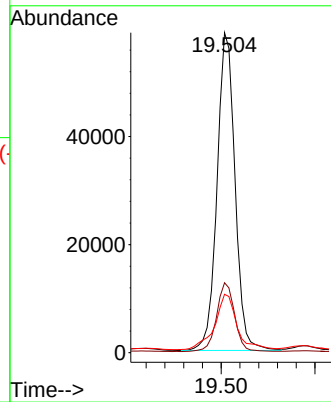
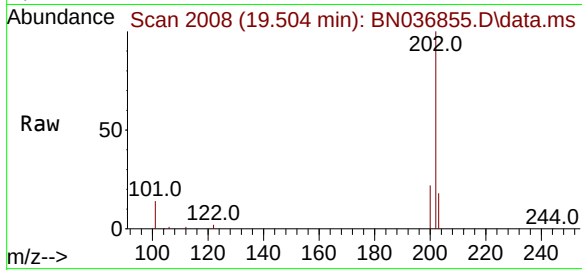
Tgt Ion:202 Resp: 78266

Ion Ratio Lower Upper

202 100

200 21.6 17.1 25.7

203 21.5 14.1 21.1#



#31

Terphenyl-d14

Concen: 0.025 ng

RT: 19.713 min Scan# 2053

Delta R.T. -0.005 min

Lab File: BN036855.D

Acq: 07 Apr 2025 16:06

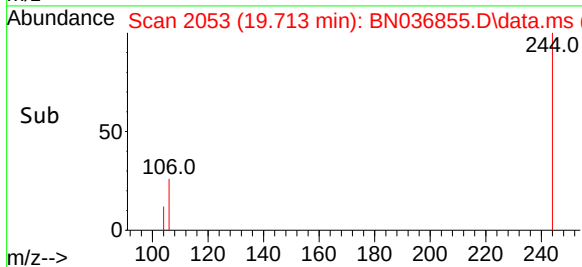
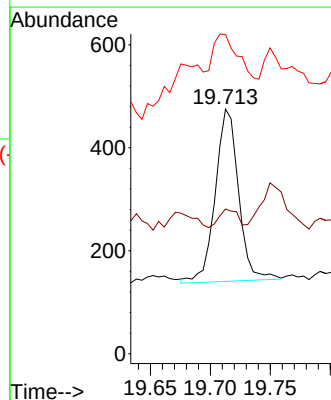
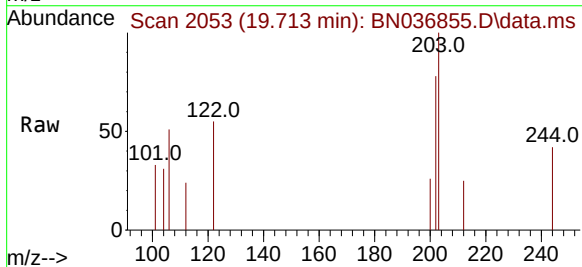
Tgt Ion:244 Resp: 452

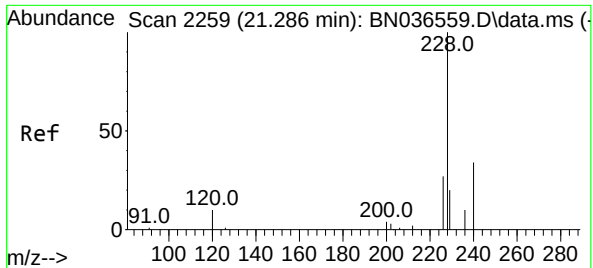
Ion Ratio Lower Upper

244 100

212 59.2 9.6 14.4#

122 130.5 13.9 20.9#

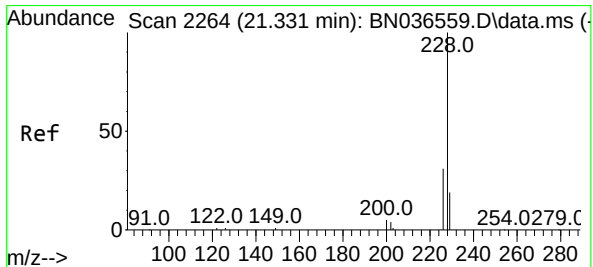
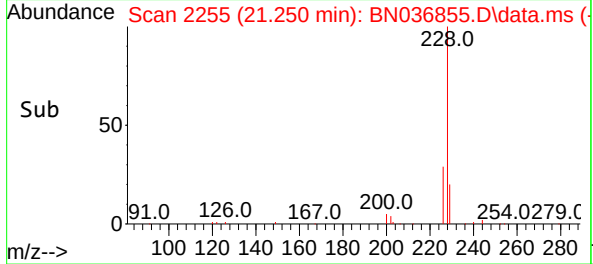
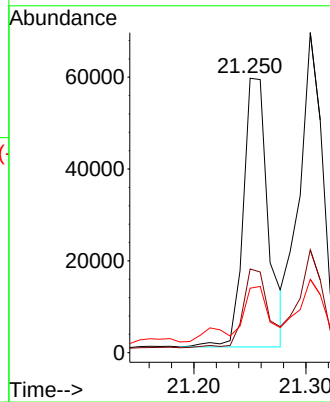
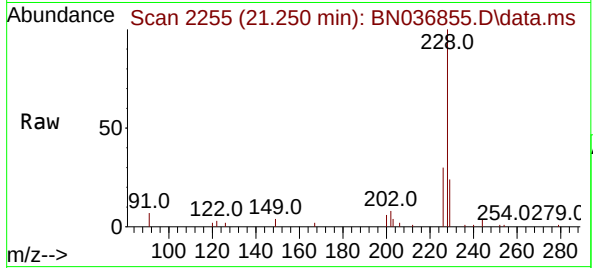




#32
Benzo(a)anthracene
Concen: 3.497 ng
RT: 21.250 min Scan# 21255
Delta R.T. -0.009 min
Lab File: BN036855.D
Acq: 07 Apr 2025 16:06

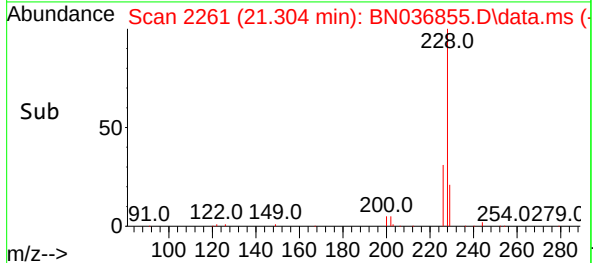
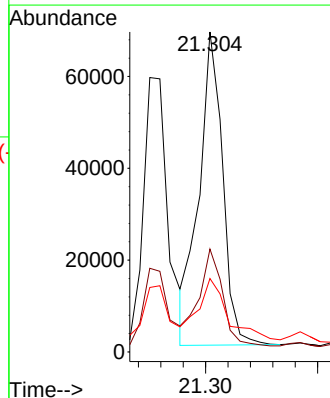
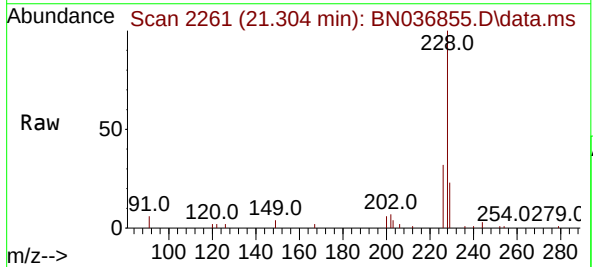
Instrument :
BNA_N
ClientSampleId :
GST1

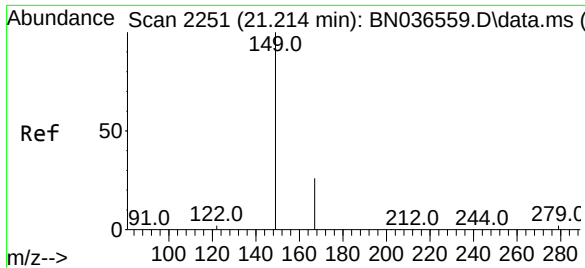
Tgt Ion:228 Resp: 90150
Ion Ratio Lower Upper
228 100
226 30.5 22.5 33.7
229 23.5 16.6 25.0



#33
Chrysene
Concen: 3.551 ng
RT: 21.304 min Scan# 2261
Delta R.T. 0.000 min
Lab File: BN036855.D
Acq: 07 Apr 2025 16:06

Tgt Ion:228 Resp: 100010
Ion Ratio Lower Upper
228 100
226 32.2 25.3 37.9
229 23.0 15.8 23.8

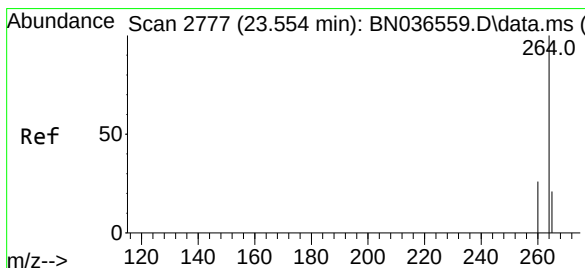
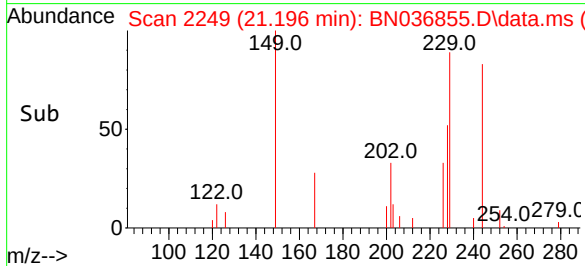
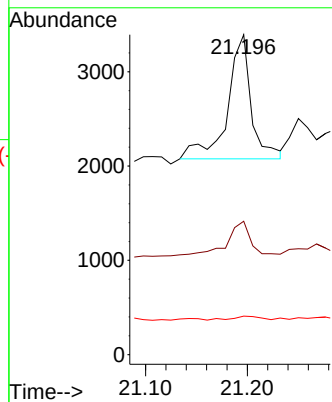
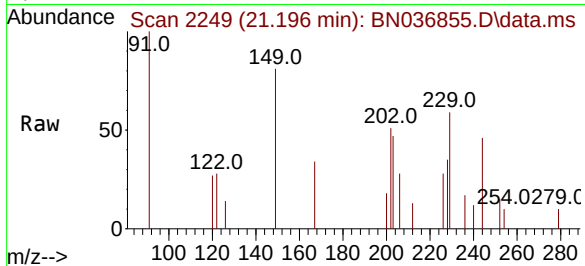




#34
Bis(2-ethylhexyl)phthalate
Concen: 0.117 ng
RT: 21.196 min Scan# 2141
Delta R.T. 0.009 min
Lab File: BN036855.D
Acq: 07 Apr 2025 16:06

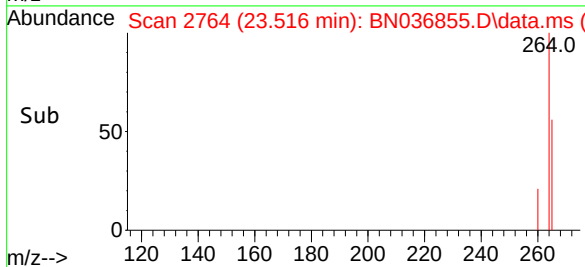
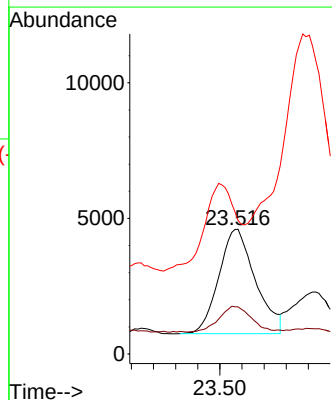
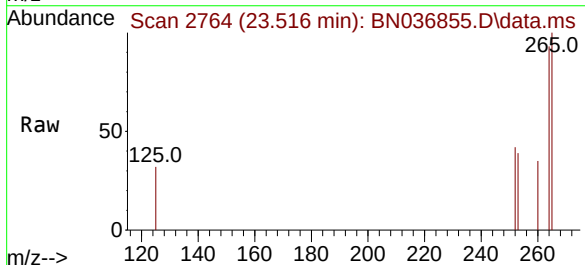
Instrument :
BNA_N
ClientSampleId :
GST1

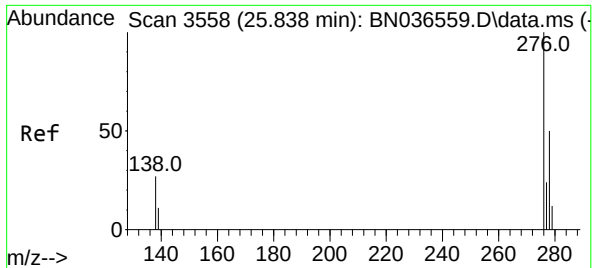
Tgt Ion:149 Resp: 2141
Ion Ratio Lower Upper
149 100
167 24.3 20.7 31.1
279 3.6 3.6 5.4#



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.516 min Scan# 2764
Delta R.T. 0.006 min
Lab File: BN036855.D
Acq: 07 Apr 2025 16:06

Tgt Ion:264 Resp: 8861
Ion Ratio Lower Upper
264 100
260 37.7 22.6 33.8#
265 107.2 88.1 132.1





#36

Indeno(1,2,3-cd)pyrene

Concen: 4.014 ng

RT: 25.782 min Scan# 31

Delta R.T. 0.012 min

Lab File: BN036855.D

Acq: 07 Apr 2025 16:06

Instrument :

BNA_N

ClientSampleId :

GST1

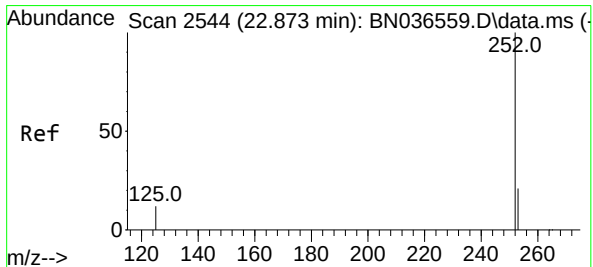
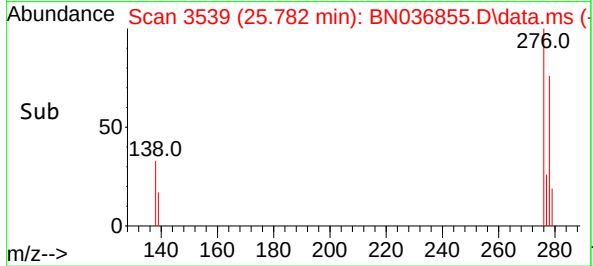
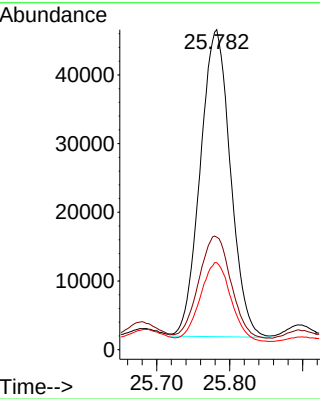
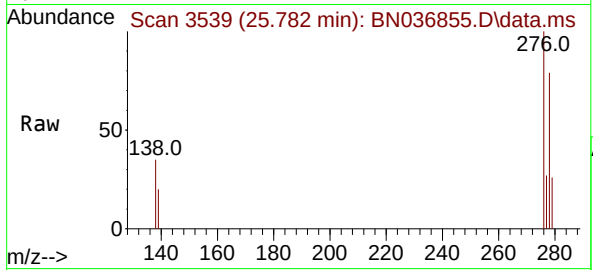
Tgt Ion:276 Resp: 128371

Ion Ratio Lower Upper

276 100

138 36.4 23.4 35.2#

277 26.4 20.0 30.0



#37

Benzo(b)fluoranthene

Concen: 4.115 ng

RT: 22.841 min Scan# 2533

Delta R.T. 0.003 min

Lab File: BN036855.D

Acq: 07 Apr 2025 16:06

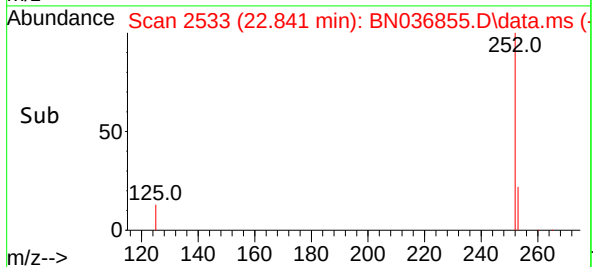
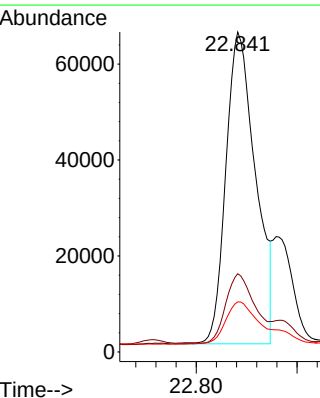
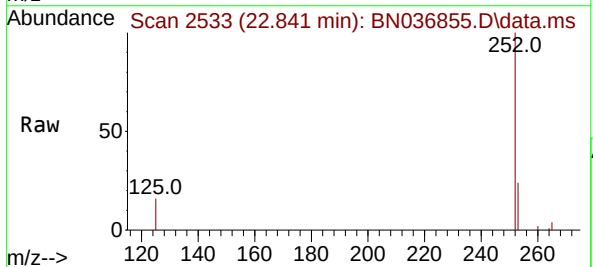
Tgt Ion:252 Resp: 132699

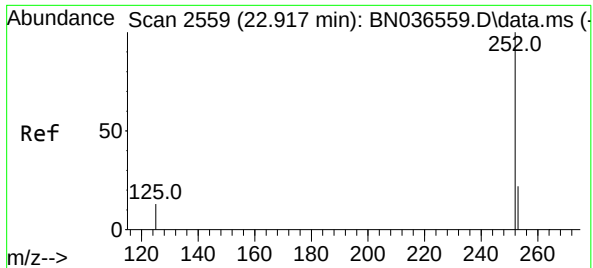
Ion Ratio Lower Upper

252 100

253 24.5 23.9 35.9

125 15.6 17.4 26.2#





#38

Benzo(k)fluoranthene

Concen: 0.963 ng m

RT: 22.879 min Scan# 21

Delta R.T. 0.000 min

Lab File: BN036855.D

Acq: 07 Apr 2025 16:06

Instrument :

BNA_N

ClientSampleId :

GST1

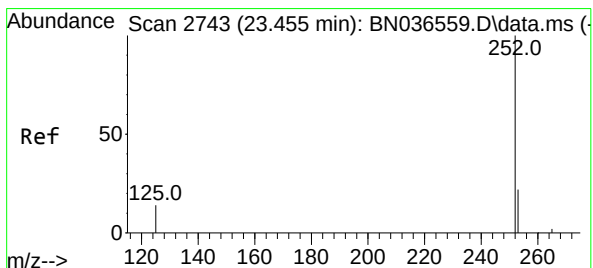
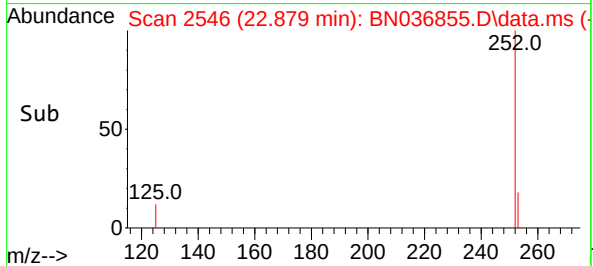
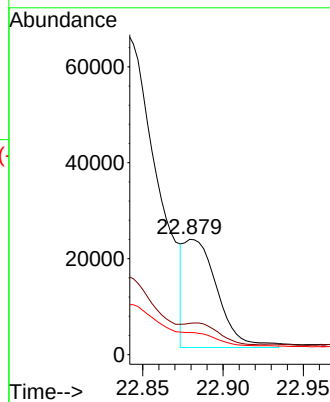
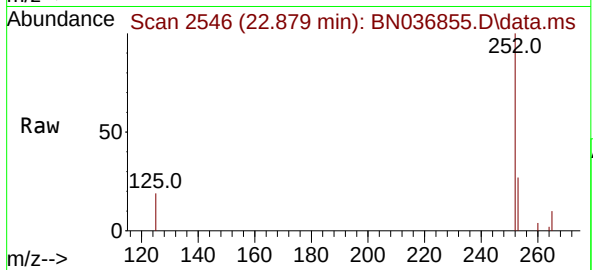
Tgt Ion:252 Resp: 32592

Ion Ratio Lower Upper

252 100

253 27.2 24.6 36.8

125 19.1 17.8 26.8



#39

Benzo(a)pyrene

Concen: 6.549 ng m

RT: 23.417 min Scan# 2730

Delta R.T. 0.006 min

Lab File: BN036855.D

Acq: 07 Apr 2025 16:06

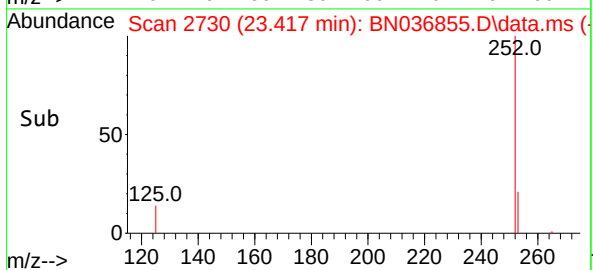
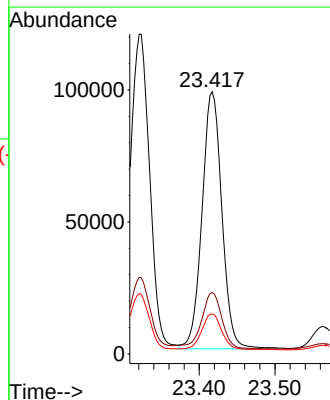
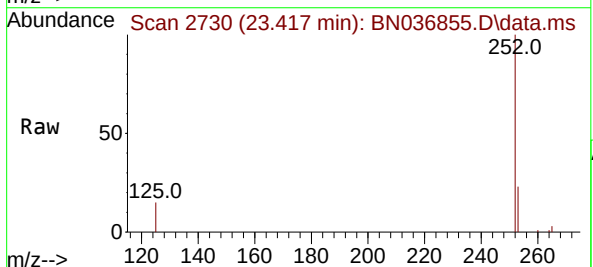
Tgt Ion:252 Resp: 177833

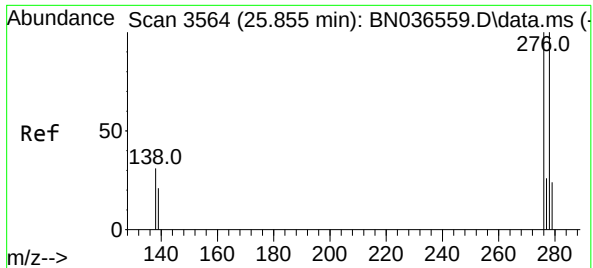
Ion Ratio Lower Upper

252 100

253 23.4 27.8 41.8#

125 15.2 22.7 34.1#





#40

Dibenzo(a,h)anthracene

Concen: 5.016 ng

RT: 25.782 min Scan# 31

Delta R.T. -0.009 min

Lab File: BN036855.D

Acq: 07 Apr 2025 16:06

Instrument :

BNA_N

ClientSampleId :

GST1

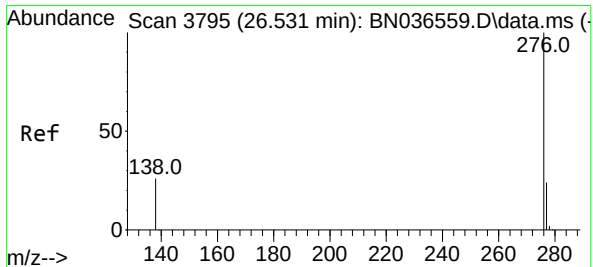
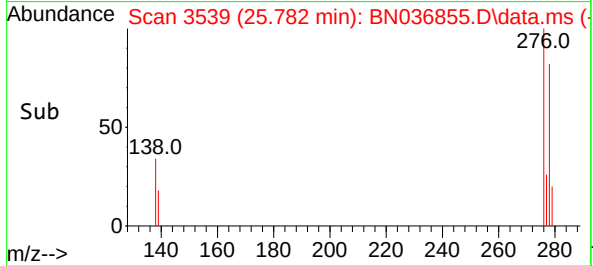
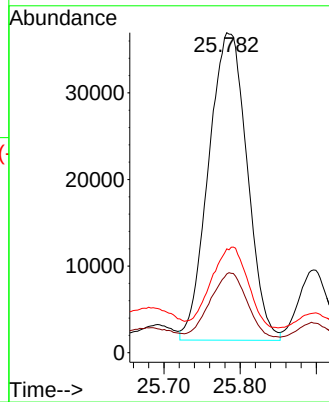
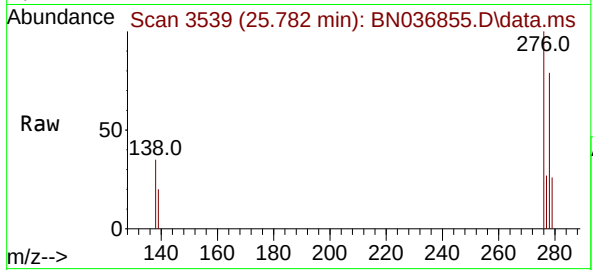
Tgt Ion:278 Resp: 124897

Ion Ratio Lower Upper

278 100

139 24.6 20.8 31.2

279 32.4 28.8 43.2



#41

Benzo(g,h,i)perylene

Concen: 9.508 ng

RT: 26.478 min Scan# 3777

Delta R.T. 0.021 min

Lab File: BN036855.D

Acq: 07 Apr 2025 16:06

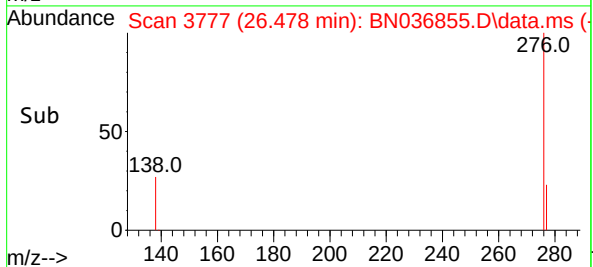
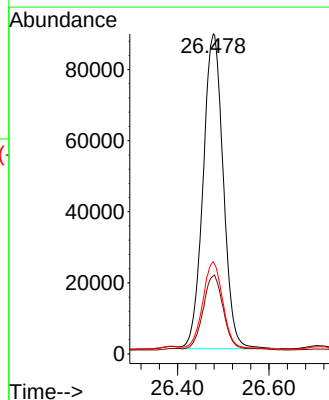
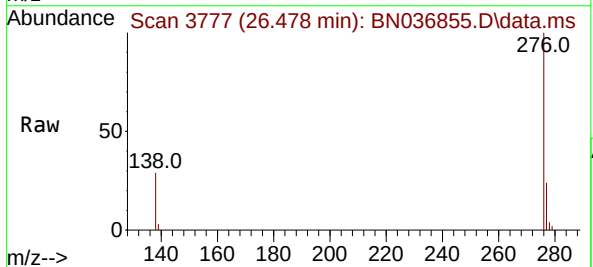
Tgt Ion:276 Resp: 270825

Ion Ratio Lower Upper

276 100

277 24.4 22.2 33.4

138 28.8 24.1 36.1



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040725\
 Data File : BN036850.D
 Acq On : 07 Apr 2025 13:06
 Operator : RC/JU
 Sample : Q1736-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GST2

A
B
C
D
E
F
G
H
I
J
K

Quant Time: Apr 07 14:06:09 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 04 17:30:43 2025
 Response via : Initial Calibration

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

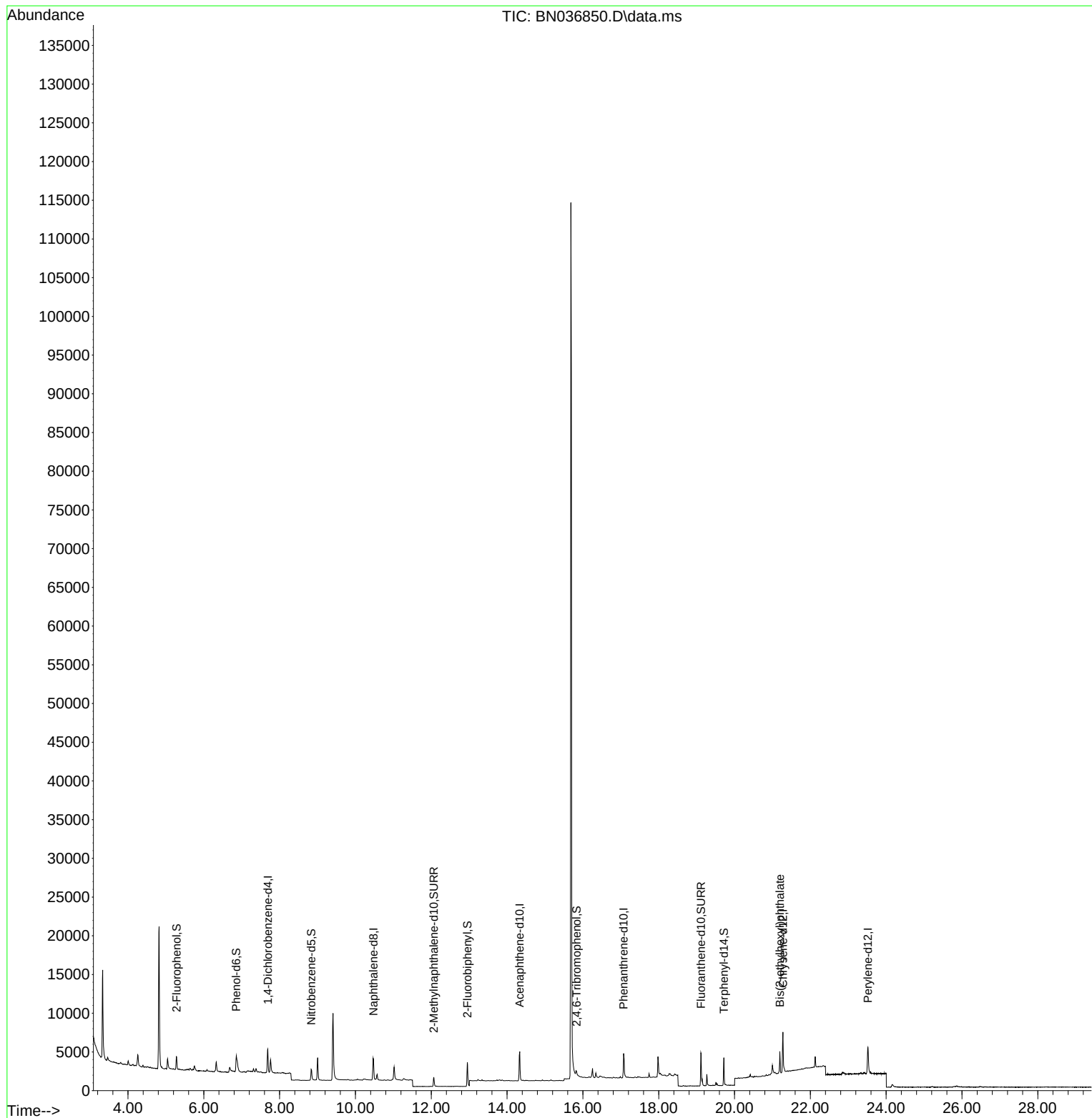
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.688	152	1541	0.400	ng	0.00
7) Naphthalene-d8	10.477	136	3985	0.400	ng	# 0.00
13) Acenaphthene-d10	14.334	164	2296	0.400	ng	0.00
19) Phenanthrene-d10	17.074	188	4940	0.400	ng	# 0.00
29) Chrysene-d12	21.277	240	4936	0.400	ng	# 0.00
35) Perylene-d12	23.519	264	4825	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.283	112	1311	0.365	ng	0.00
5) Phenol-d6	6.858	99	1696	0.382	ng	0.00
8) Nitrobenzene-d5	8.833	82	1266	0.292	ng	-0.01
11) 2-Methylnaphthalene-d10	12.065	152	1780	0.300	ng	0.00
14) 2,4,6-Tribromophenol	15.833	330	386	0.370	ng	0.00
15) 2-Fluorobiphenyl	12.953	172	4051	0.303	ng	0.00
27) Fluoranthene-d10	19.113	212	4788	0.378	ng	0.00
31) Terphenyl-d14	19.717	244	3416	0.289	ng	0.00
Target Compounds						Qvalue
34) Bis(2-ethylhexyl)phtha...	21.196	149	2646	0.217	ng	# 99

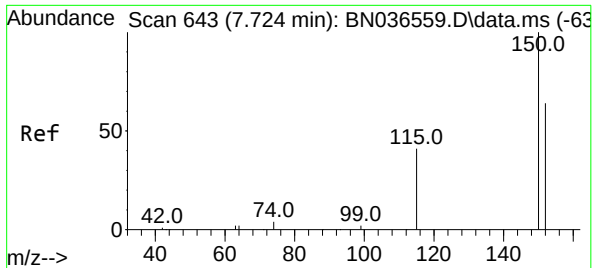
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040725\
Data File : BN036850.D
Acq On : 07 Apr 2025 13:06
Operator : RC/JU
Sample : Q1736-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GST2

Quant Time: Apr 07 14:06:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 04 17:30:43 2025
Response via : Initial Calibration

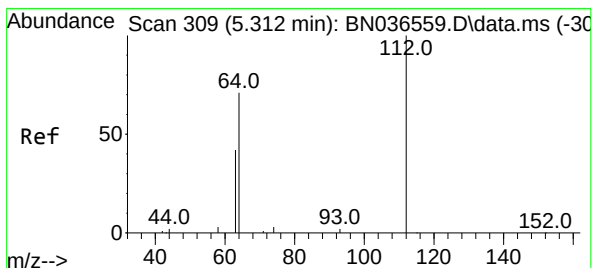
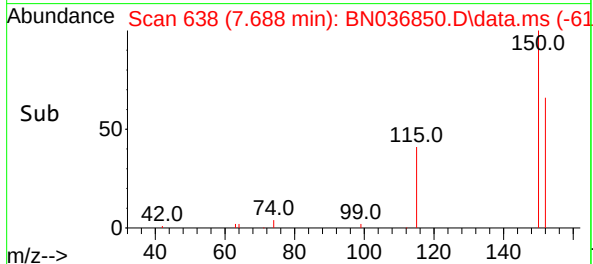
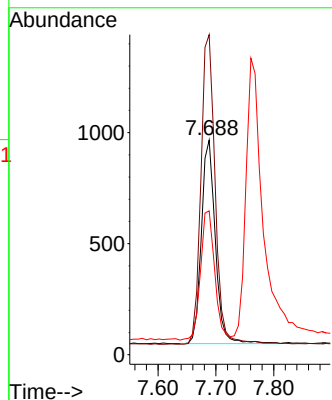
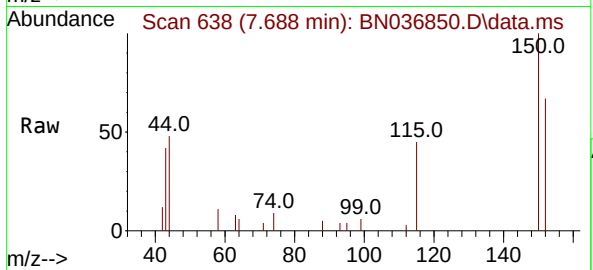




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.688 min Scan# 61
Delta R.T. 0.000 min
Lab File: BN036850.D
Acq: 07 Apr 2025 13:06

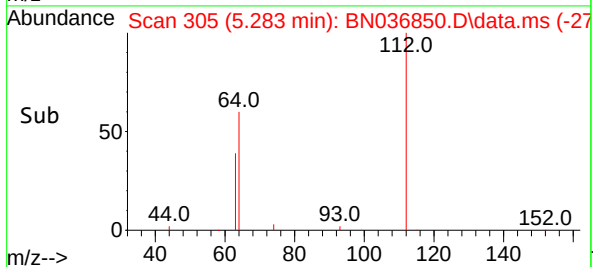
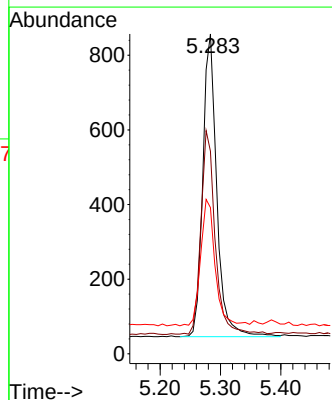
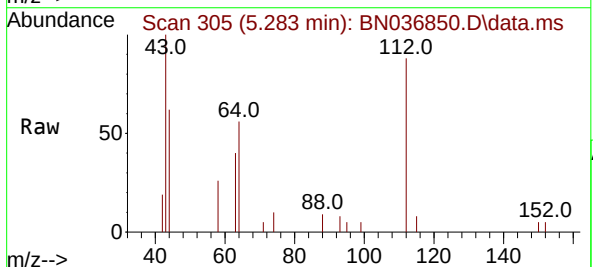
Instrument :
BNA_N
ClientSampleId :
GST2

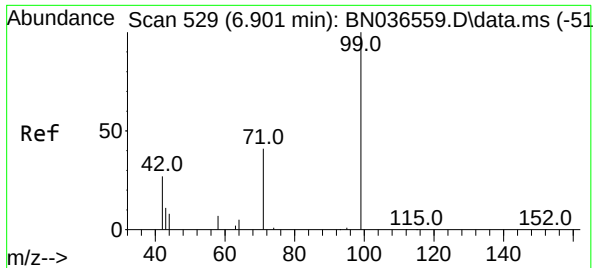
Tgt Ion:152 Resp: 1541
Ion Ratio Lower Upper
152 100
150 149.2 123.7 185.5
115 67.1 54.3 81.5



#4
2-Fluorophenol
Concen: 0.365 ng
RT: 5.283 min Scan# 305
Delta R.T. -0.000 min
Lab File: BN036850.D
Acq: 07 Apr 2025 13:06

Tgt Ion:112 Resp: 1311
Ion Ratio Lower Upper
112 100
64 68.7 53.1 79.7
63 43.0 31.8 47.8

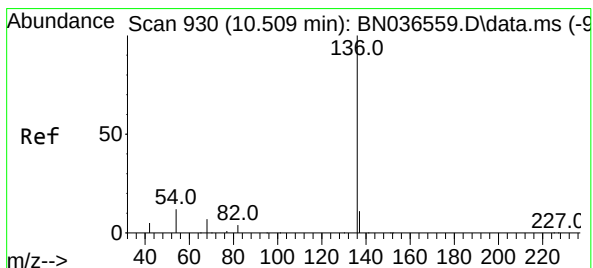
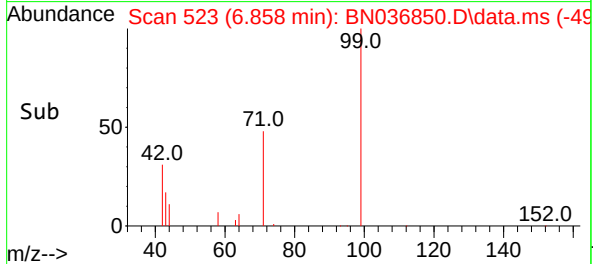
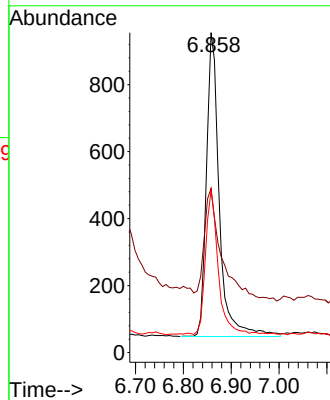
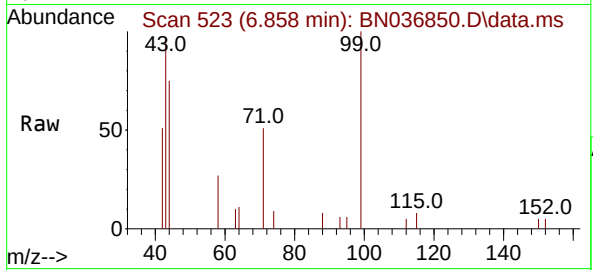




#5
Phenol-d6
Concen: 0.382 ng
RT: 6.858 min Scan# 51
Delta R.T. -0.007 min
Lab File: BN036850.D
Acq: 07 Apr 2025 13:06

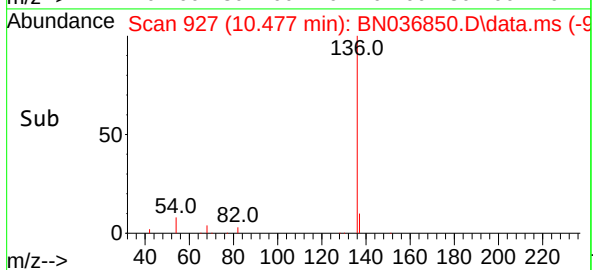
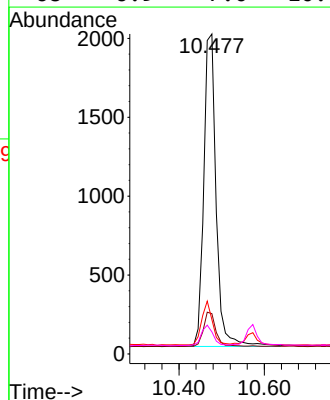
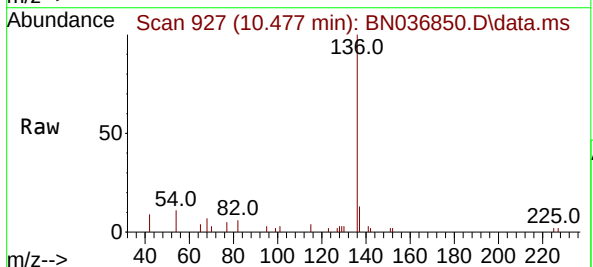
Instrument :
BNA_N
ClientSampleId :
GST2

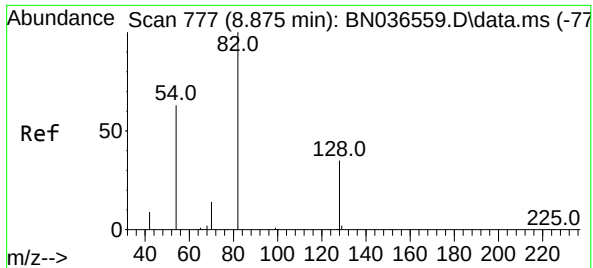
Tgt Ion: 99 Resp: 1696
Ion Ratio Lower Upper
99 100
42 51.4 26.5 39.7#
71 48.2 34.1 51.1



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.477 min Scan# 927
Delta R.T. 0.000 min
Lab File: BN036850.D
Acq: 07 Apr 2025 13:06

Tgt Ion: 136 Resp: 3985
Ion Ratio Lower Upper
136 100
137 12.6 10.3 15.5
54 10.7 11.5 17.3#
68 6.9 7.0 10.4#

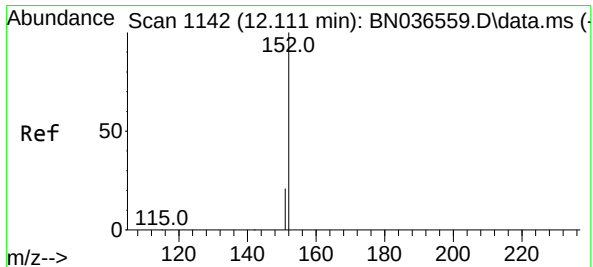
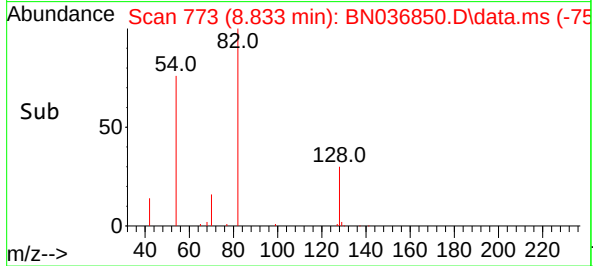
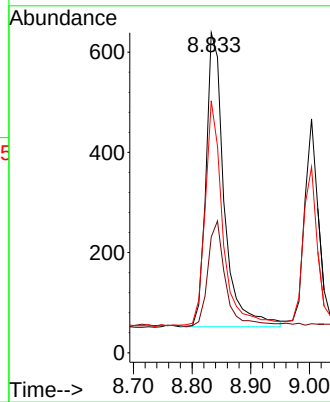
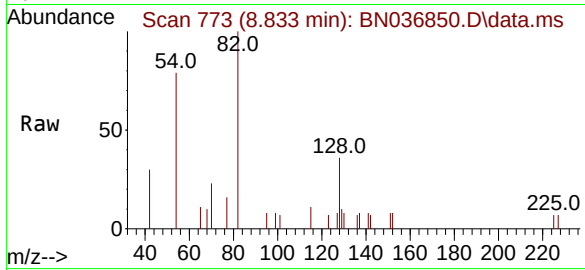




#8
Nitrobenzene-d5
Concen: 0.292 ng
RT: 8.833 min Scan# 71
Delta R.T. -0.011 min
Lab File: BN036850.D
Acq: 07 Apr 2025 13:06

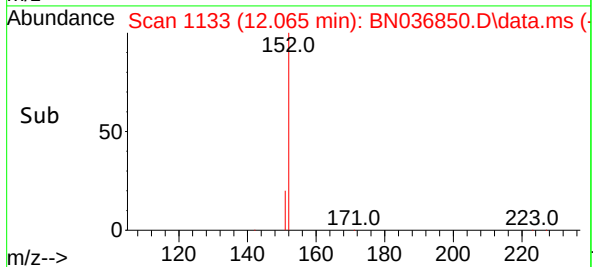
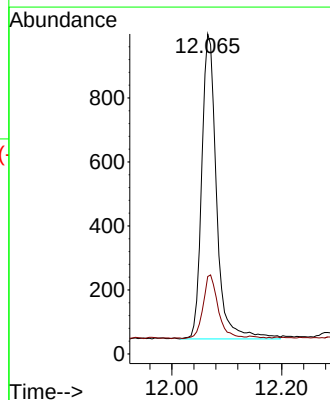
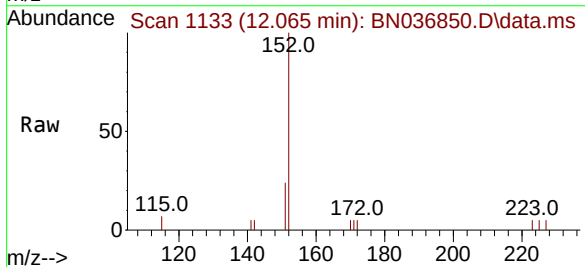
Instrument :
BNA_N
ClientSampleId :
GST2

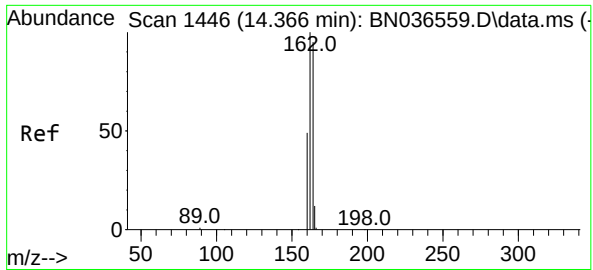
Tgt Ion: 82 Resp: 1266
Ion Ratio Lower Upper
82 100
128 36.2 30.6 45.8
54 78.7 52.2 78.4#



#11
2-Methylnaphthalene-d10
Concen: 0.300 ng
RT: 12.065 min Scan# 1133
Delta R.T. -0.005 min
Lab File: BN036850.D
Acq: 07 Apr 2025 13:06

Tgt Ion: 152 Resp: 1780
Ion Ratio Lower Upper
152 100
151 21.3 17.0 25.6

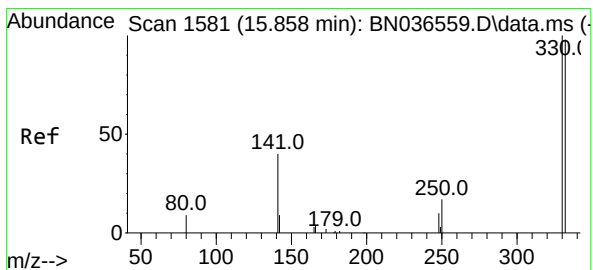
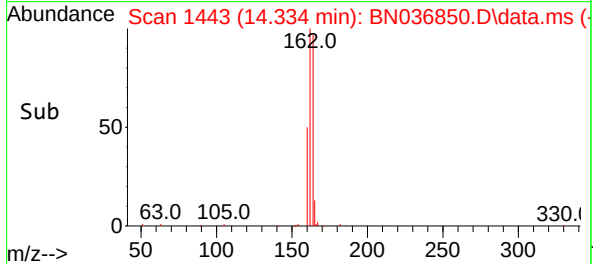
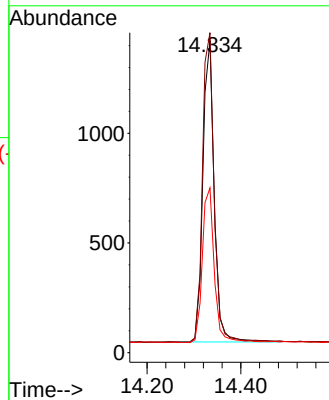
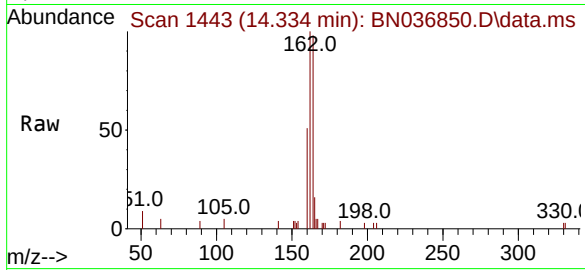




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.334 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN036850.D
Acq: 07 Apr 2025 13:06

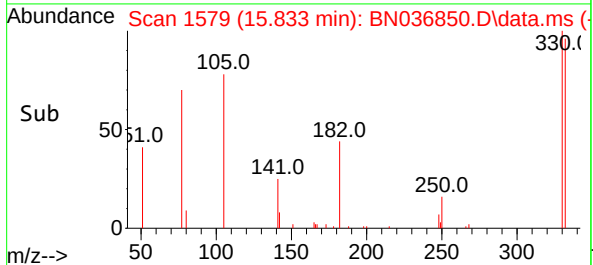
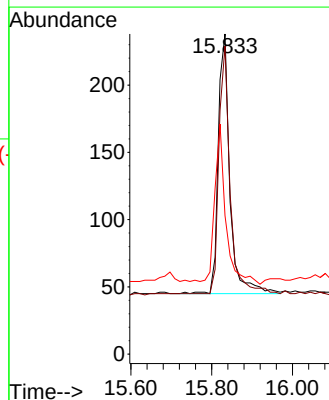
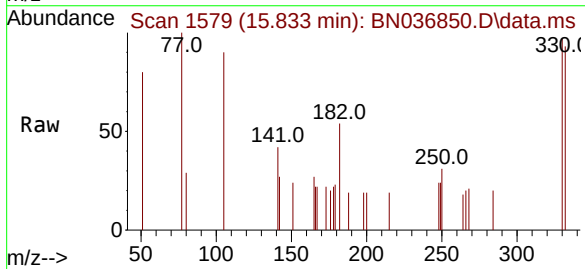
Instrument :
BNA_N
ClientSampleId :
GST2

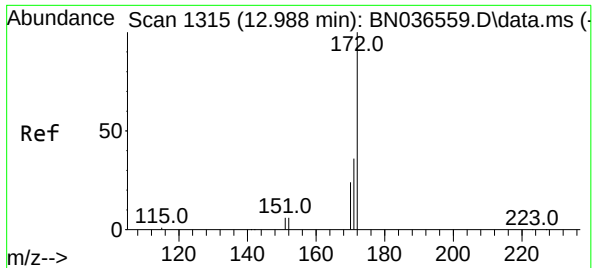
Tgt Ion:164 Resp: 2296
Ion Ratio Lower Upper
164 100
162 102.5 84.2 126.2
160 52.8 42.2 63.2



#14
2,4,6-Tribromophenol
Concen: 0.370 ng
RT: 15.833 min Scan# 1579
Delta R.T. -0.000 min
Lab File: BN036850.D
Acq: 07 Apr 2025 13:06

Tgt Ion:330 Resp: 386
Ion Ratio Lower Upper
330 100
332 91.2 75.2 112.8
141 58.8 43.4 65.2

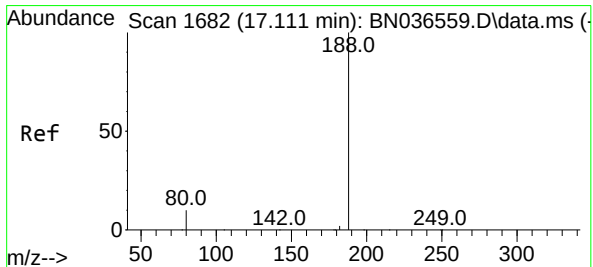
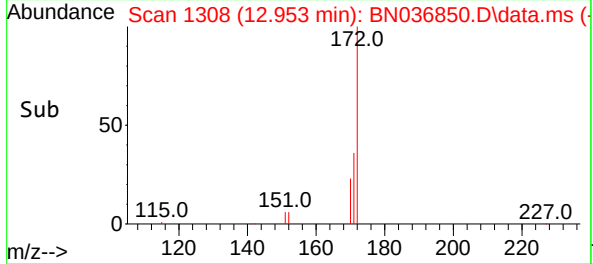
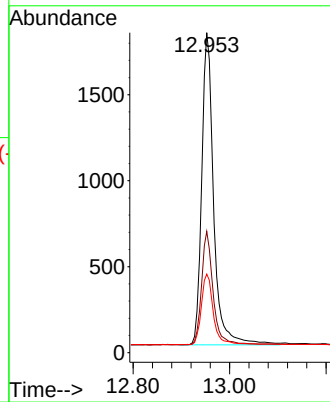
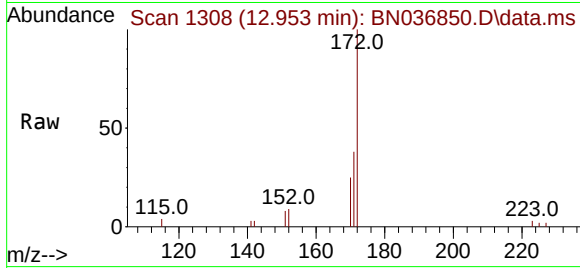




#15
2-Fluorobiphenyl
Concen: 0.303 ng
RT: 12.953 min Scan# 11
Delta R.T. -0.005 min
Lab File: BN036850.D
Acq: 07 Apr 2025 13:06

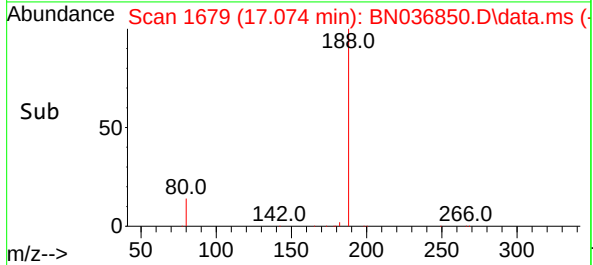
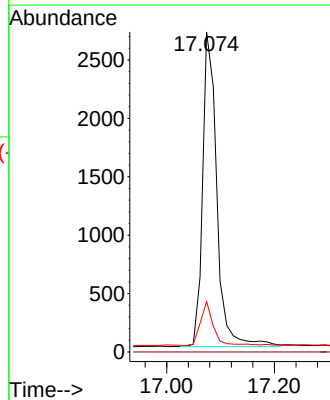
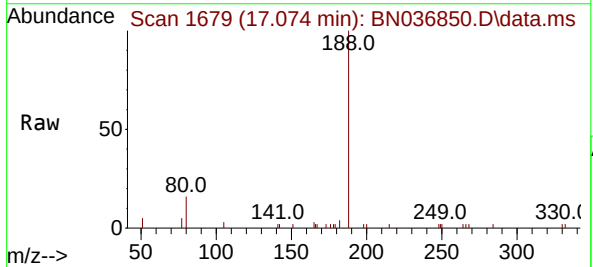
Instrument :
BNA_N
ClientSampleId :
GST2

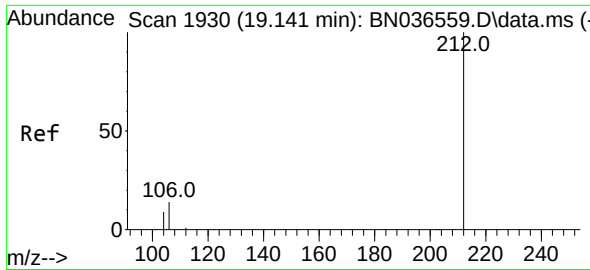
Tgt Ion:	172	Resp:	4051
Ion Ratio	Lower	Upper	
172	100		
171	37.9	29.5	44.3
170	24.6	20.2	30.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.074 min Scan# 1679
Delta R.T. -0.000 min
Lab File: BN036850.D
Acq: 07 Apr 2025 13:06

Tgt Ion:	188	Resp:	4940
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	15.8	8.8	13.2





#27

Fluoranthene-d10

Concen: 0.378 ng

RT: 19.113 min Scan# 19

Delta R.T. -0.000 min

Lab File: BN036850.D

Acq: 07 Apr 2025 13:06

Instrument :

BNA_N

ClientSampleId :

GST2

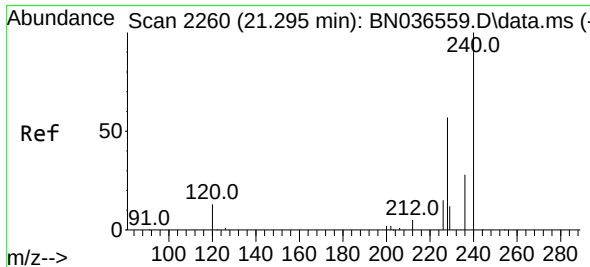
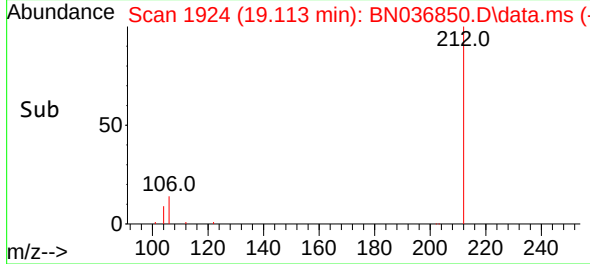
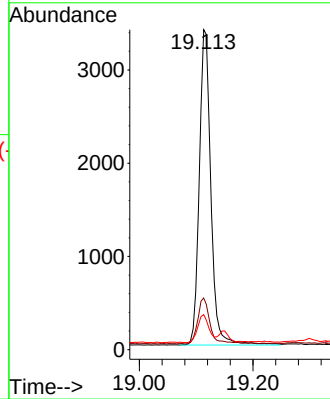
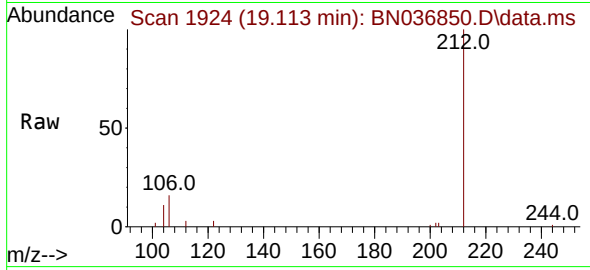
Tgt Ion:212 Resp: 4788

Ion Ratio Lower Upper

212 100

106 15.2 11.8 17.6

104 8.5 7.3 10.9



#29

Chrysene-d12

Concen: 0.400 ng

RT: 21.277 min Scan# 2258

Delta R.T. 0.009 min

Lab File: BN036850.D

Acq: 07 Apr 2025 13:06

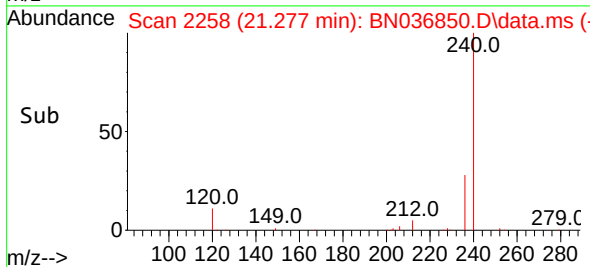
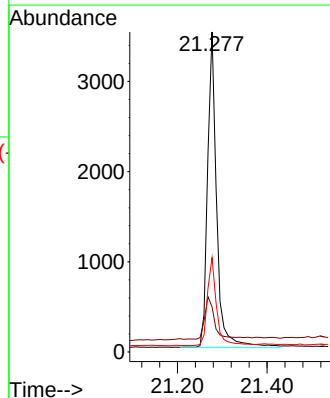
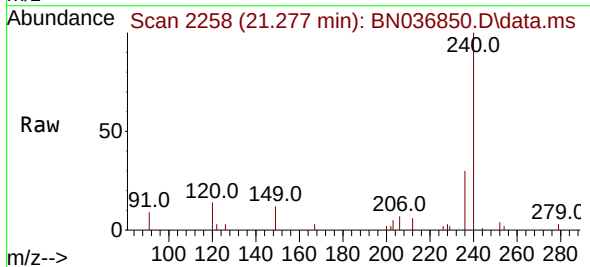
Tgt Ion:240 Resp: 4936

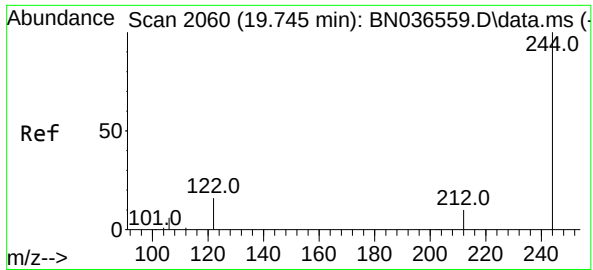
Ion Ratio Lower Upper

240 100

120 14.1 14.6 22.0#

236 29.5 24.1 36.1

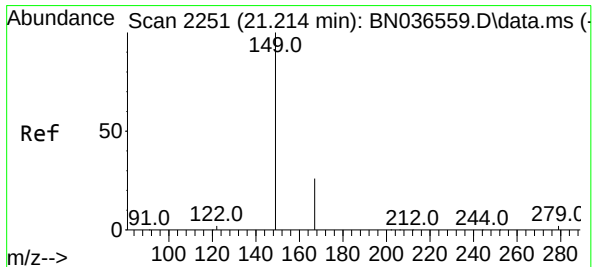
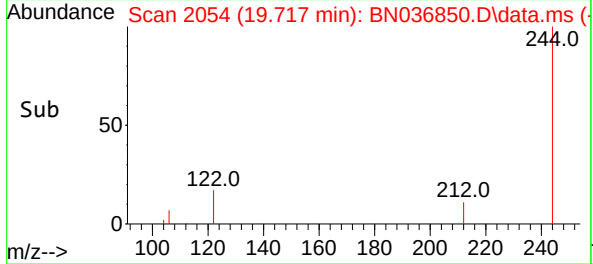
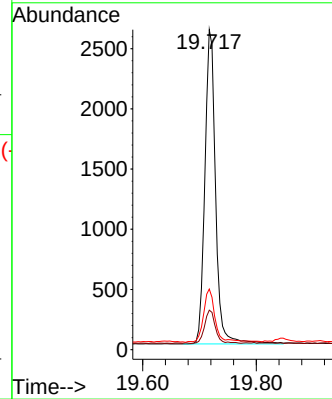
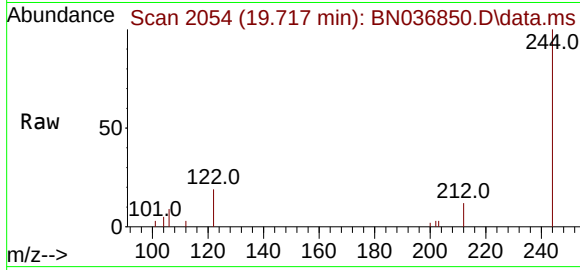




#31
Terphenyl-d14
Concen: 0.289 ng
RT: 19.717 min Scan# 2060
Delta R.T. -0.000 min
Lab File: BN036850.D
Acq: 07 Apr 2025 13:06

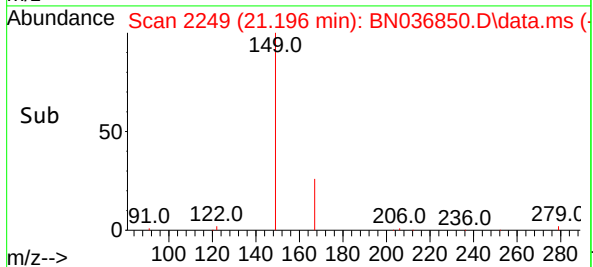
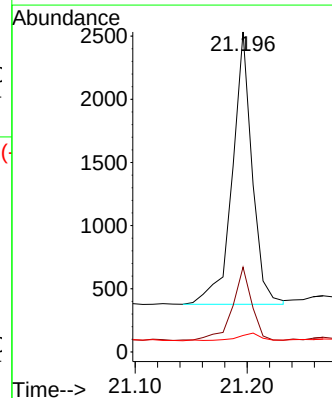
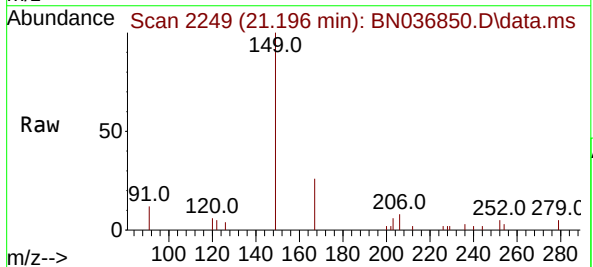
Instrument :
BNA_N
ClientSampleId :
GST2

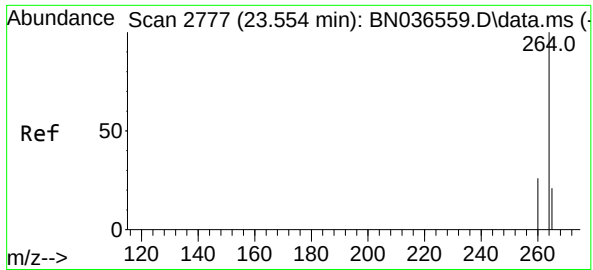
Tgt Ion	Ratio	Lower	Upper
244	100		
212	12.3	9.6	14.4
122	19.0	13.9	20.9



#34
Bis(2-ethylhexyl)phthalate
Concen: 0.217 ng
RT: 21.196 min Scan# 2249
Delta R.T. 0.009 min
Lab File: BN036850.D
Acq: 07 Apr 2025 13:06

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.0	20.7	31.1
279	3.4	3.6	5.4





#35

Perylene-d12

Concen: 0.400 ng

RT: 23.519 min Scan# 21

Delta R.T. 0.009 min

Lab File: BN036850.D

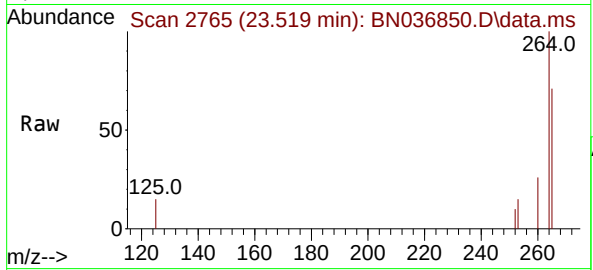
Acq: 07 Apr 2025 13:06

Instrument :

BNA_N

ClientSampleId :

GST2



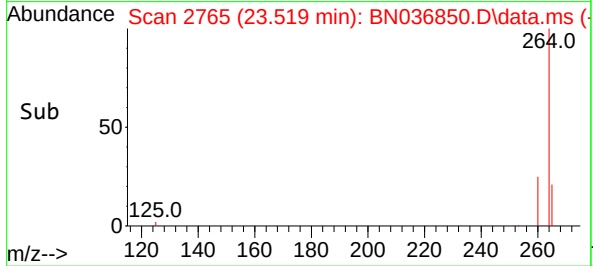
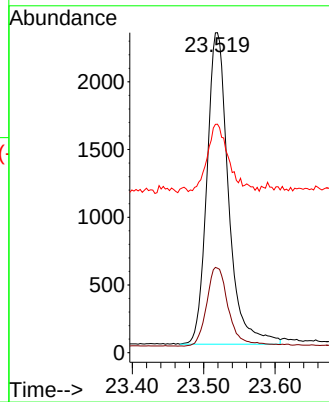
Tgt Ion:264 Resp: 4825

Ion Ratio Lower Upper

264 100

260 26.4 22.6 33.8

265 71.4 88.1 132.1#



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040725\
Data File : BN036854.D
Acq On : 07 Apr 2025 15:30
Operator : RC/JU
Sample : PB167475BL
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB167475BL

A
B
C
D
E
F
G
H
I
J
K

Quant Time: Apr 07 16:29:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 04 17:30:43 2025
Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.695	152	1861	0.400	ng	0.00
7) Naphthalene-d8	10.487	136	4270	0.400	ng	0.01
13) Acenaphthene-d10	14.345	164	2449	0.400	ng	0.01
19) Phenanthrene-d10	17.099	188	4708	0.400	ng	# 0.02
29) Chrysene-d12	21.286	240	4003	0.400	ng	0.02
35) Perylene-d12	23.522	264	3652	0.400	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.290	112	1829	0.422	ng	0.00
5) Phenol-d6	6.872	99	1933	0.361	ng	0.00
8) Nitrobenzene-d5	8.854	82	1419	0.305	ng	0.01
11) 2-Methylnaphthalene-d10	12.096	152	2081	0.328	ng	0.03
14) 2,4,6-Tribromophenol	15.858	330	270	0.243	ng	0.02
15) 2-Fluorobiphenyl	12.983	172	3708	0.260	ng	0.03
27) Fluoranthene-d10	19.122	212	4981	0.413	ng	0.00
31) Terphenyl-d14	19.726	244	3383	0.353	ng	0.00

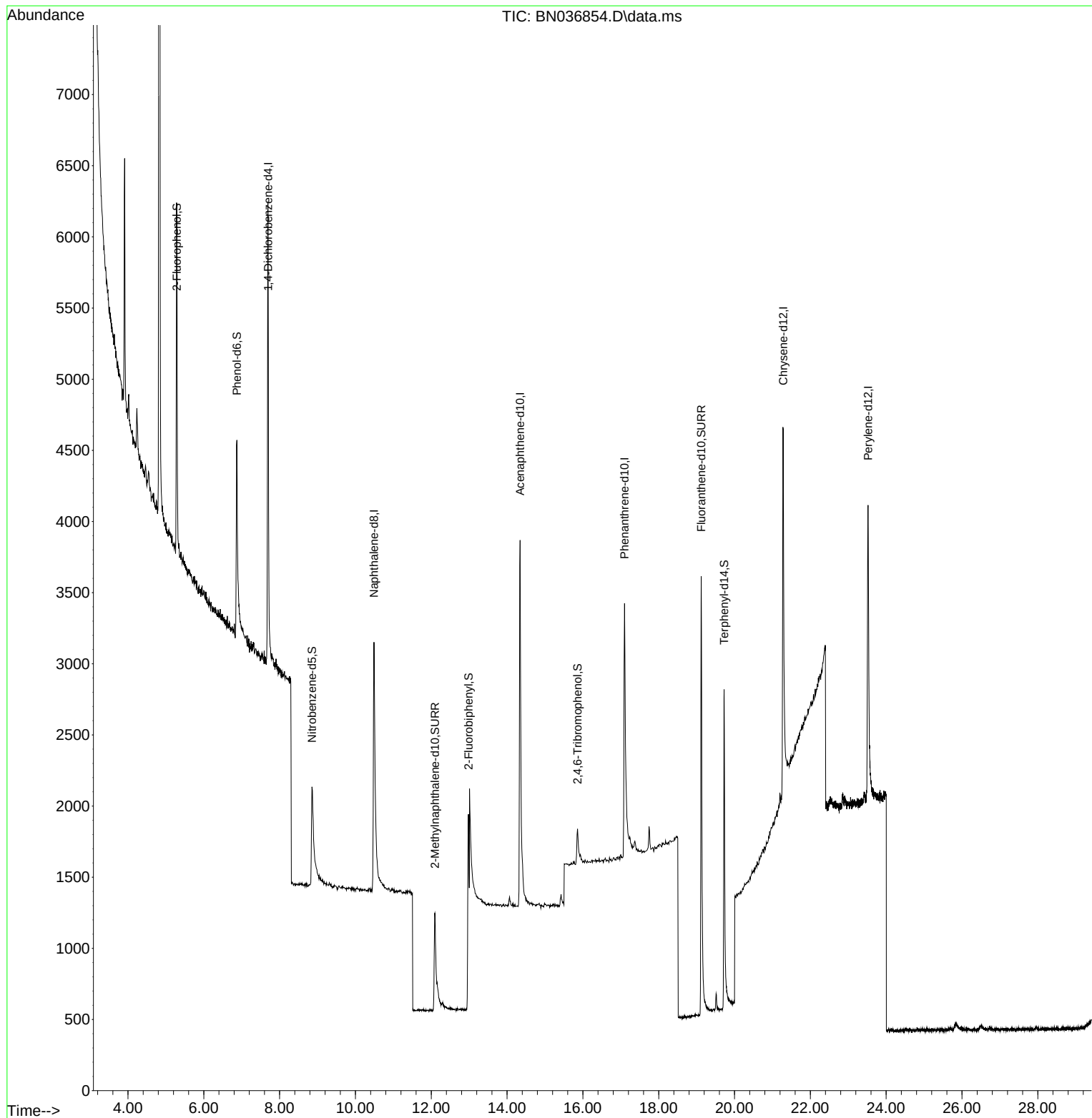
Target Compounds Qvalue

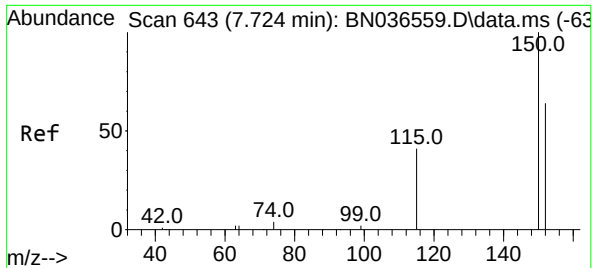
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040725\
Data File : BN036854.D
Acq On : 07 Apr 2025 15:30
Operator : RC/JU
Sample : PB167475BL
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB167475BL

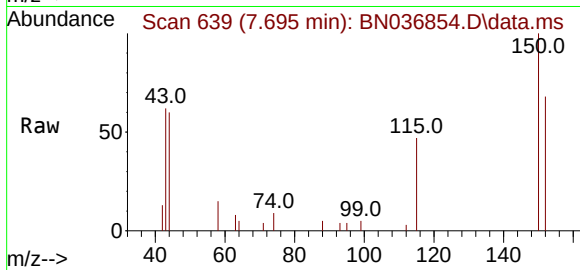
Quant Time: Apr 07 16:29:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 04 17:30:43 2025
Response via : Initial Calibration



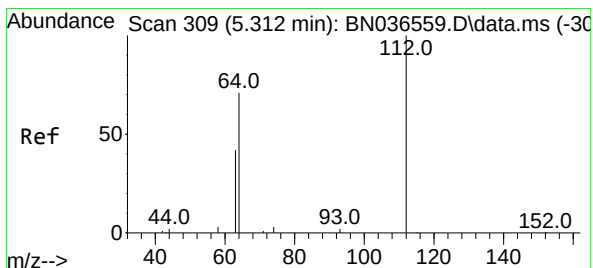
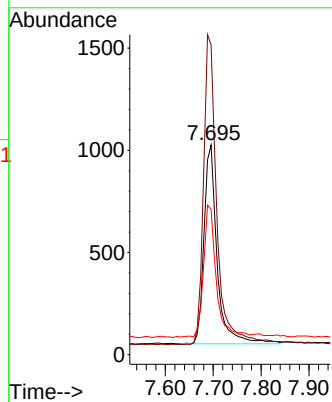
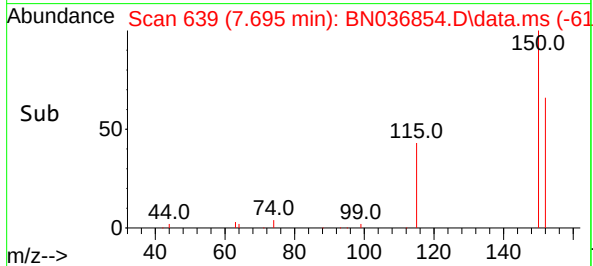


#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.695 min Scan# 61
Delta R.T. 0.007 min
Lab File: BN036854.D
Acq: 07 Apr 2025 15:30

Instrument :
BNA_N
ClientSampleId :
PB167475BL

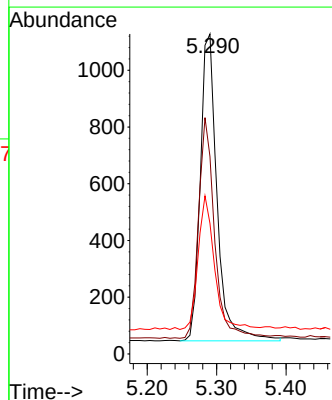
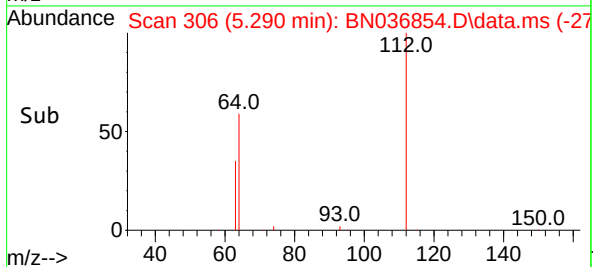
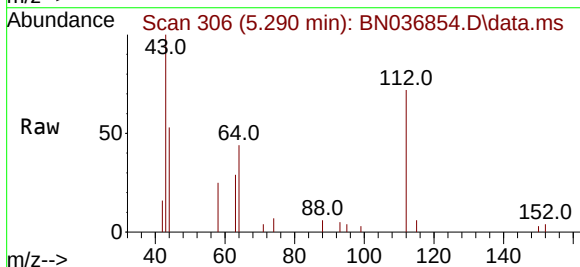


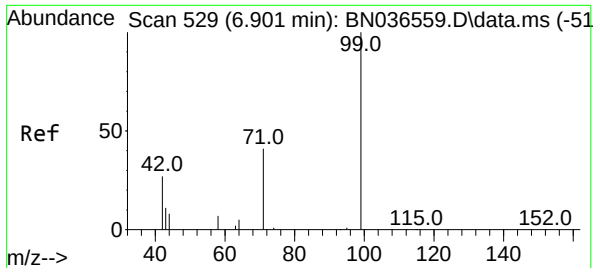
Tgt Ion:152 Resp: 1861
Ion Ratio Lower Upper
152 100
150 147.7 123.7 185.5
115 69.3 54.3 81.5



#4
2-Fluorophenol
Concen: 0.422 ng
RT: 5.290 min Scan# 306
Delta R.T. 0.007 min
Lab File: BN036854.D
Acq: 07 Apr 2025 15:30

Tgt Ion:112 Resp: 1829
Ion Ratio Lower Upper
112 100
64 68.8 53.1 79.7
63 42.2 31.8 47.8

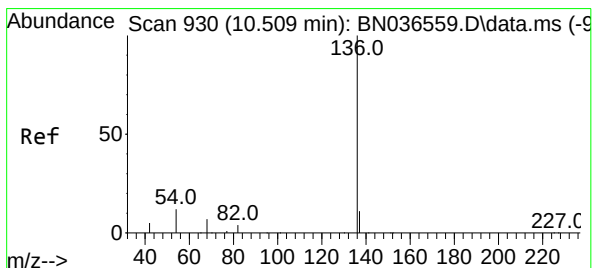
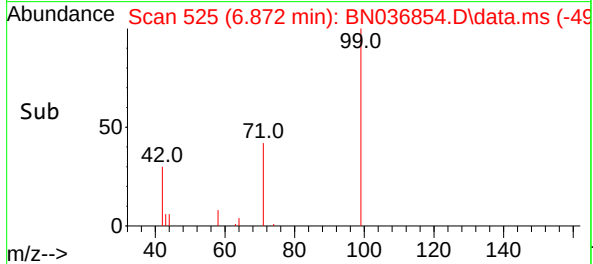
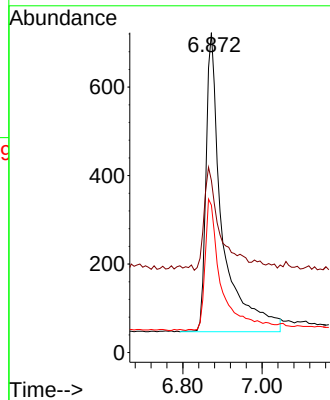
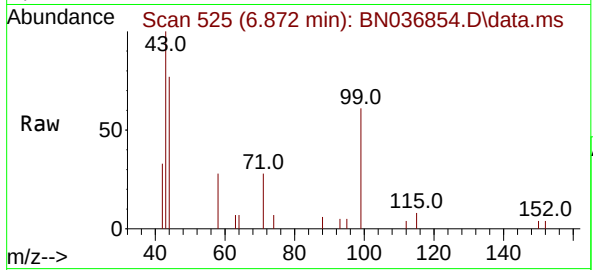




#5
Phenol-d6
Concen: 0.361 ng
RT: 6.872 min Scan# 51
Delta R.T. 0.007 min
Lab File: BN036854.D
Acq: 07 Apr 2025 15:30

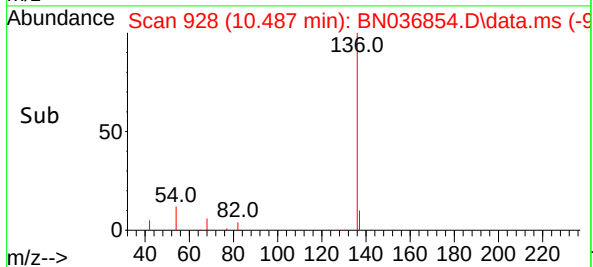
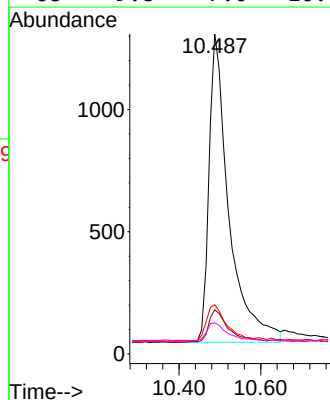
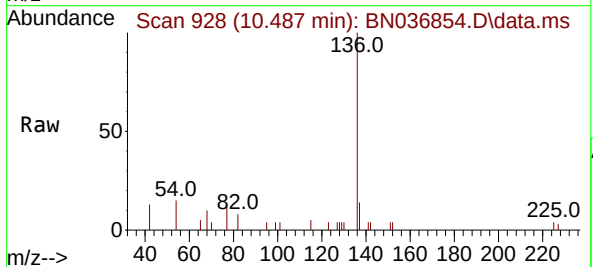
Instrument :
BNA_N
ClientSampleId :
PB167475BL

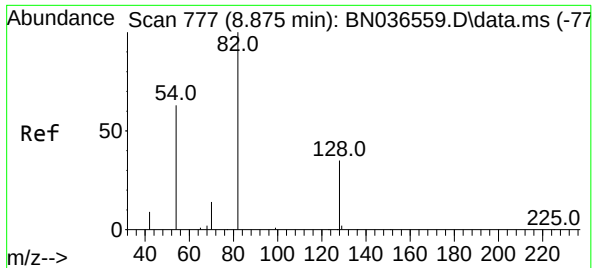
Tgt Ion: 99 Resp: 1933
Ion Ratio Lower Upper
99 100
42 33.3 26.5 39.7
71 43.7 34.1 51.1



#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.487 min Scan# 928
Delta R.T. 0.011 min
Lab File: BN036854.D
Acq: 07 Apr 2025 15:30

Tgt Ion: 136 Resp: 4270
Ion Ratio Lower Upper
136 100
137 13.8 10.3 15.5
54 15.4 11.5 17.3
68 9.8 7.0 10.4

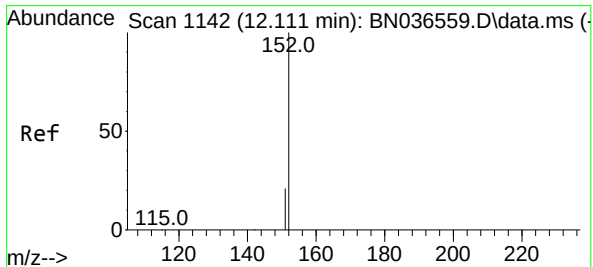
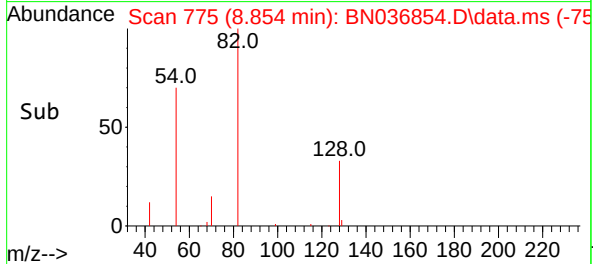
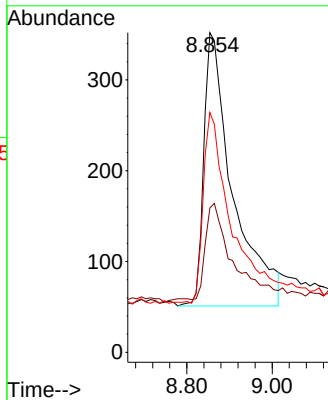
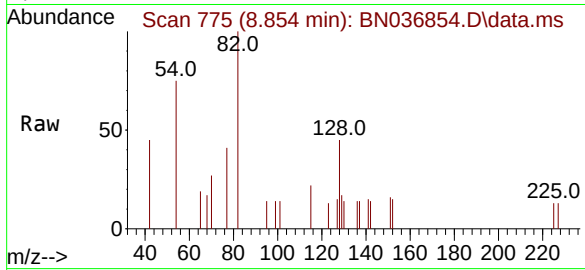




#8
Nitrobenzene-d5
Concen: 0.305 ng
RT: 8.854 min Scan# 71
Delta R.T. 0.011 min
Lab File: BN036854.D
Acq: 07 Apr 2025 15:30

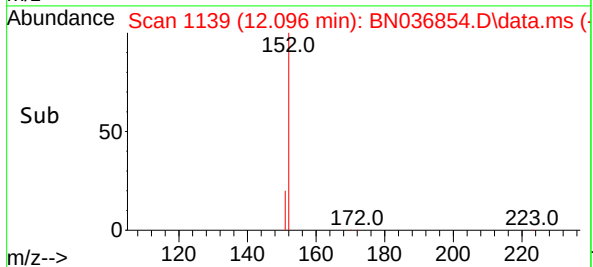
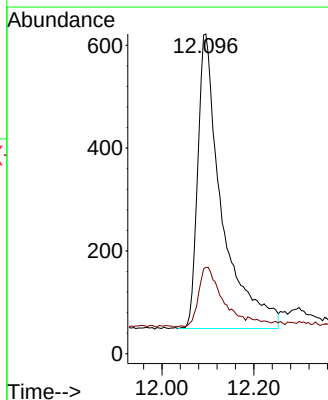
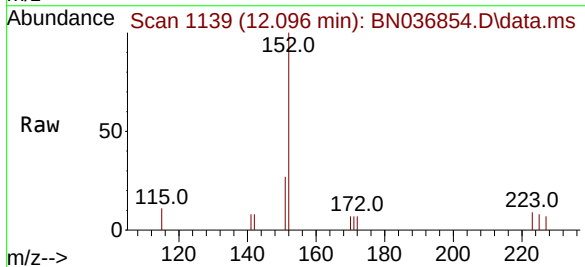
Instrument :
BNA_N
ClientSampleId :
PB167475BL

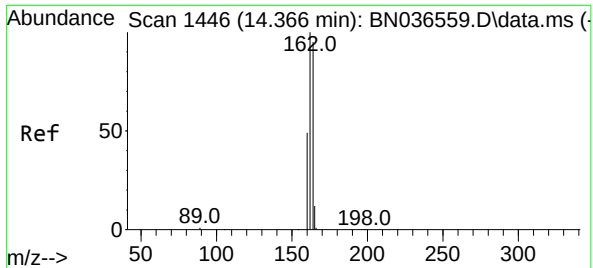
Tgt Ion: 82 Resp: 1419
Ion Ratio Lower Upper
82 100
128 45.2 30.6 45.8
54 75.0 52.2 78.4



#11
2-Methylnaphthalene-d10
Concen: 0.328 ng
RT: 12.096 min Scan# 1139
Delta R.T. 0.025 min
Lab File: BN036854.D
Acq: 07 Apr 2025 15:30

Tgt Ion: 152 Resp: 2081
Ion Ratio Lower Upper
152 100
151 19.9 17.0 25.6

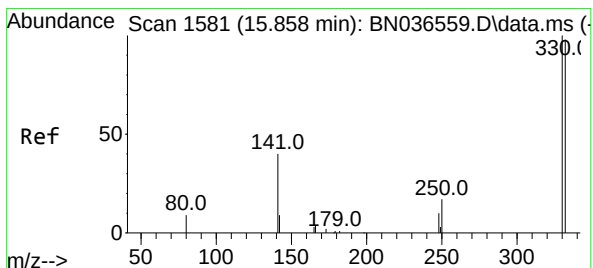
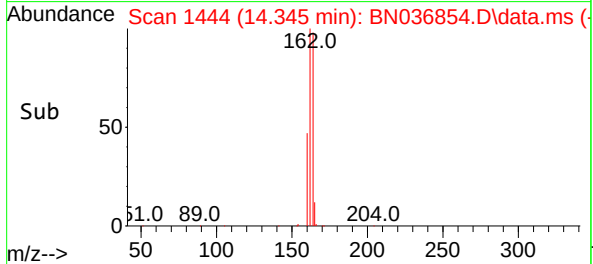
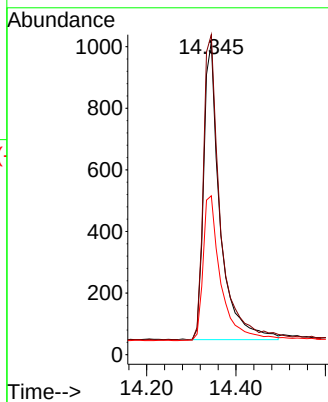
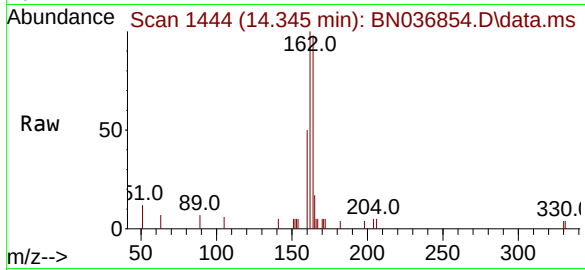




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.345 min Scan# 1444
Delta R.T. 0.011 min
Lab File: BN036854.D
Acq: 07 Apr 2025 15:30

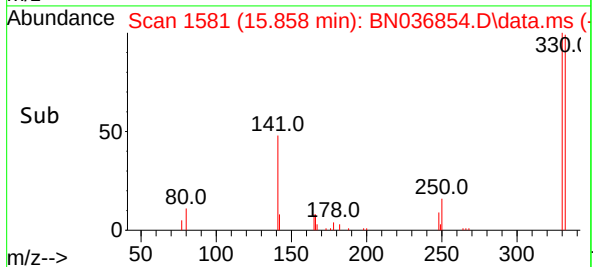
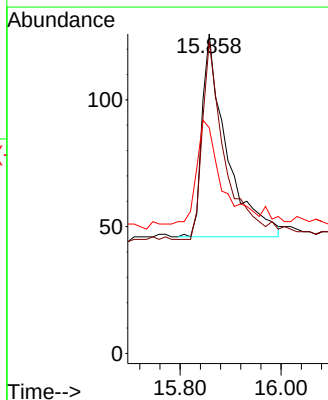
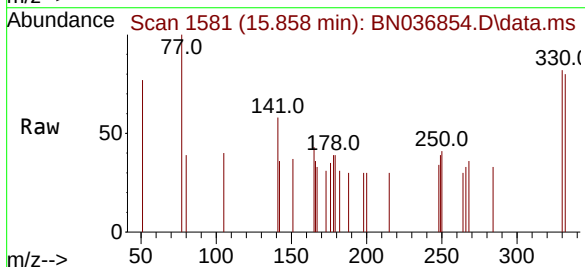
Instrument :
BNA_N
ClientSampleId :
PB167475BL

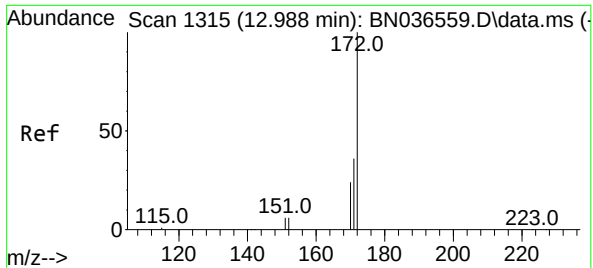
Tgt Ion:164 Resp: 2449
Ion Ratio Lower Upper
164 100
162 102.4 84.2 126.2
160 50.8 42.2 63.2



#14
2,4,6-Tribromophenol
Concen: 0.243 ng
RT: 15.858 min Scan# 1581
Delta R.T. 0.025 min
Lab File: BN036854.D
Acq: 07 Apr 2025 15:30

Tgt Ion:330 Resp: 270
Ion Ratio Lower Upper
330 100
332 91.9 75.2 112.8
141 51.9 43.4 65.2

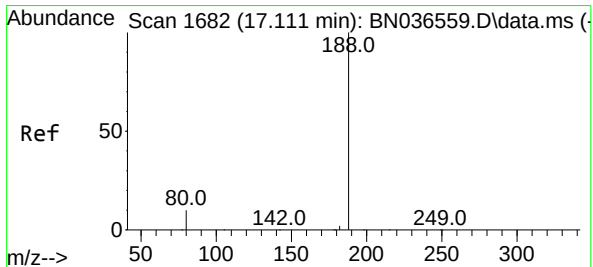
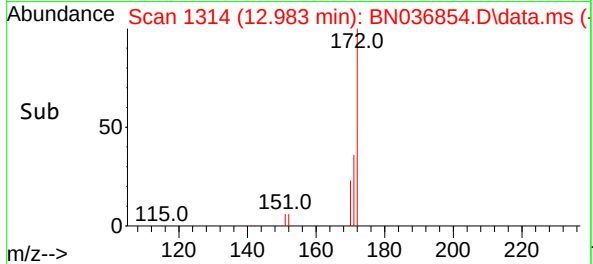
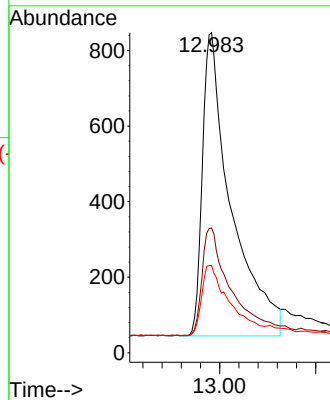
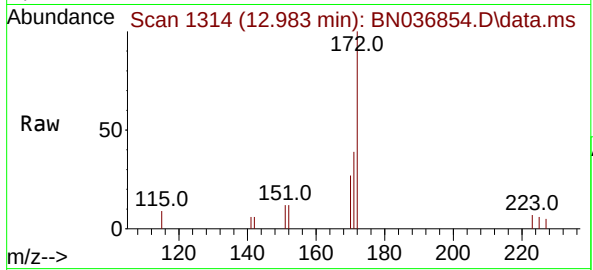




#15
2-Fluorobiphenyl
Concen: 0.260 ng
RT: 12.983 min Scan# 11
Delta R.T. 0.025 min
Lab File: BN036854.D
Acq: 07 Apr 2025 15:30

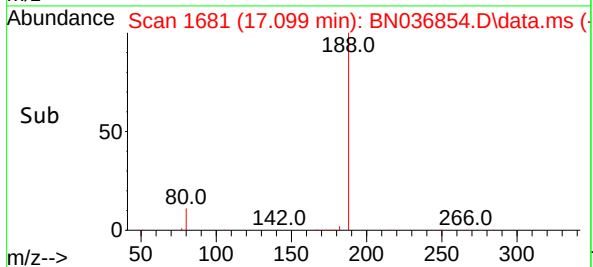
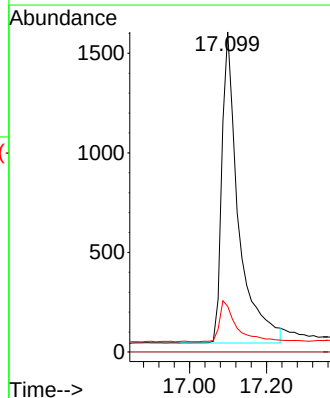
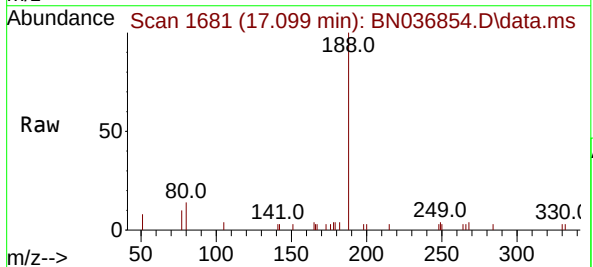
Instrument :
BNA_N
ClientSampleId :
PB167475BL

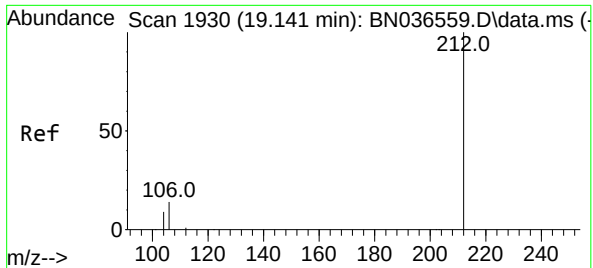
Tgt Ion:172 Resp: 3708
Ion Ratio Lower Upper
172 100
171 39.0 29.5 44.3
170 27.3 20.2 30.4



#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.099 min Scan# 1681
Delta R.T. 0.025 min
Lab File: BN036854.D
Acq: 07 Apr 2025 15:30

Tgt Ion:188 Resp: 4708
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 14.3 8.8 13.2#

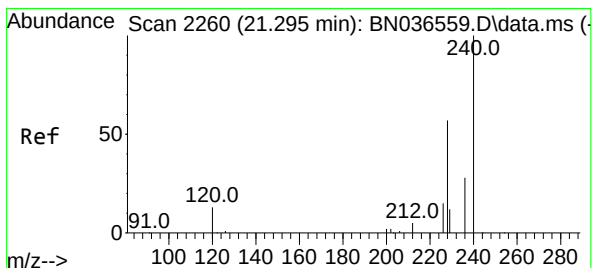
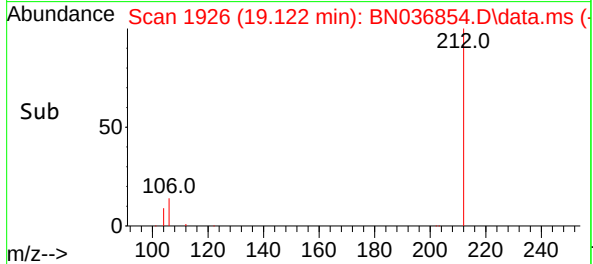
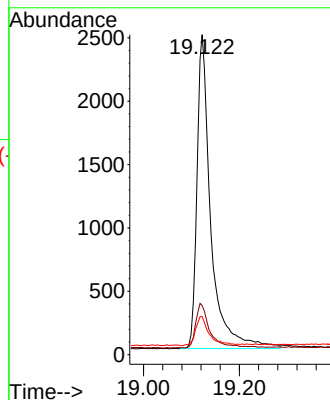
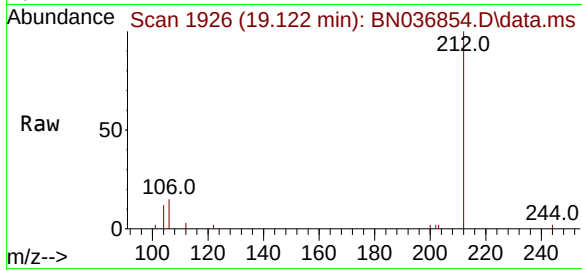




#27
Fluoranthene-d10
Concen: 0.413 ng
RT: 19.122 min Scan# 1930
Delta R.T. 0.009 min
Lab File: BN036854.D
Acq: 07 Apr 2025 15:30

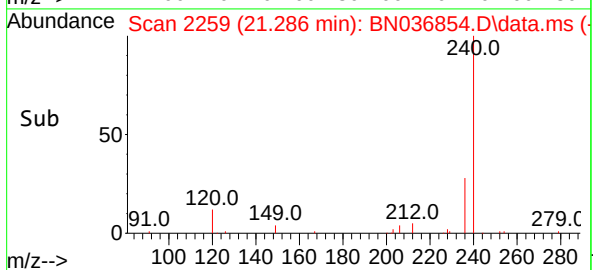
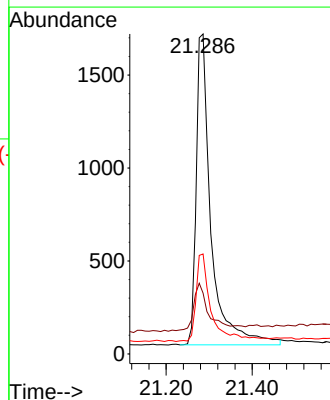
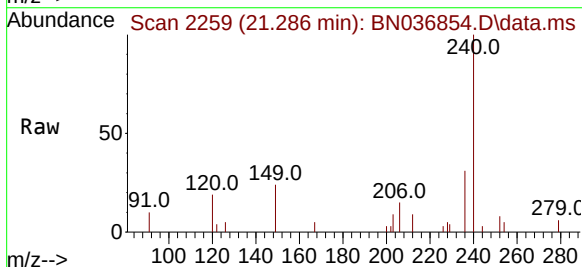
Instrument :
BNA_N
ClientSampleId :
PB167475BL

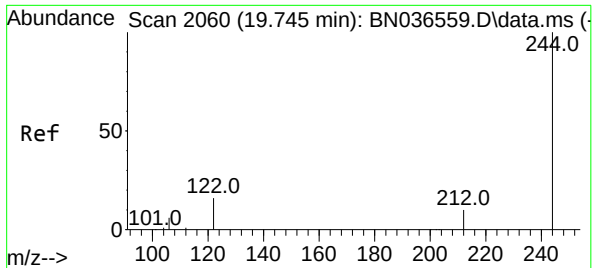
Tgt Ion:	212	Resp:	4981
Ion Ratio	Lower	Upper	
212	100		
106	14.1	11.8	17.6
104	9.2	7.3	10.9



#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.286 min Scan# 2259
Delta R.T. 0.018 min
Lab File: BN036854.D
Acq: 07 Apr 2025 15:30

Tgt Ion:	240	Resp:	4003
Ion Ratio	Lower	Upper	
240	100		
120	19.0	14.6	22.0
236	31.3	24.1	36.1

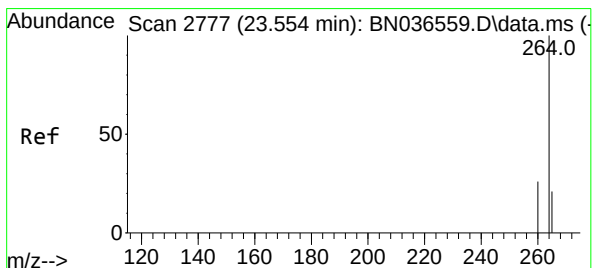
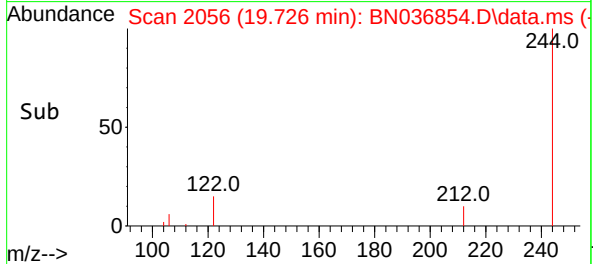
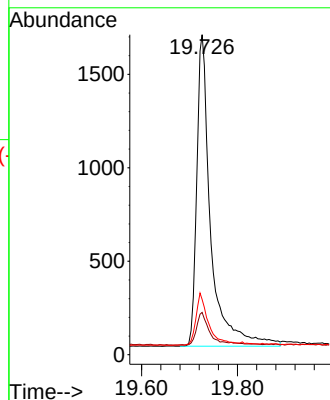
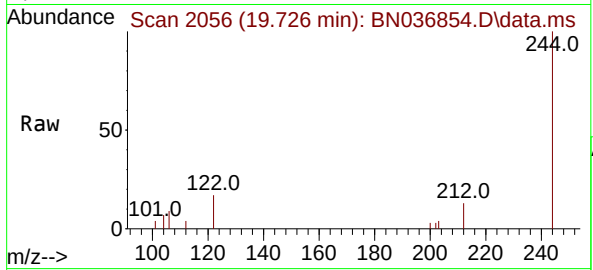




#31
Terphenyl-d14
Concen: 0.353 ng
RT: 19.726 min Scan# 2056
Delta R.T. 0.009 min
Lab File: BN036854.D
Acq: 07 Apr 2025 15:30

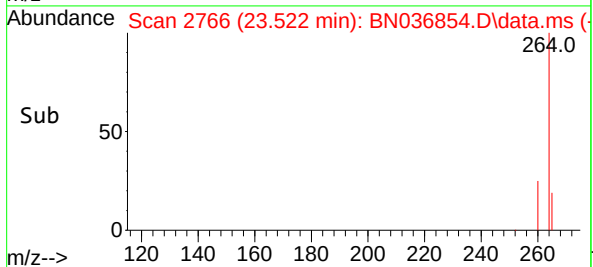
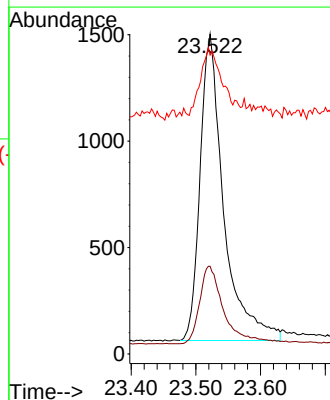
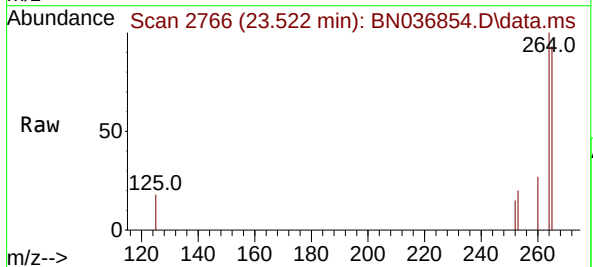
Instrument :
BNA_N
ClientSampleId :
PB167475BL

Tgt Ion:244 Resp: 3383
Ion Ratio Lower Upper
244 100
212 13.2 9.6 14.4
122 17.3 13.9 20.9



#35
Perylene-d12
Concen: 0.400 ng
RT: 23.522 min Scan# 2766
Delta R.T. 0.012 min
Lab File: BN036854.D
Acq: 07 Apr 2025 15:30

Tgt Ion:264 Resp: 3652
Ion Ratio Lower Upper
264 100
260 27.4 22.6 33.8
265 93.4 88.1 132.1



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040725\
 Data File : BN036853.D
 Acq On : 07 Apr 2025 14:54
 Operator : RC/JU
 Sample : PB167475BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB167475BS

Quant Time: Apr 07 15:15:40 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 04 17:30:43 2025
 Response via : Initial Calibration

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

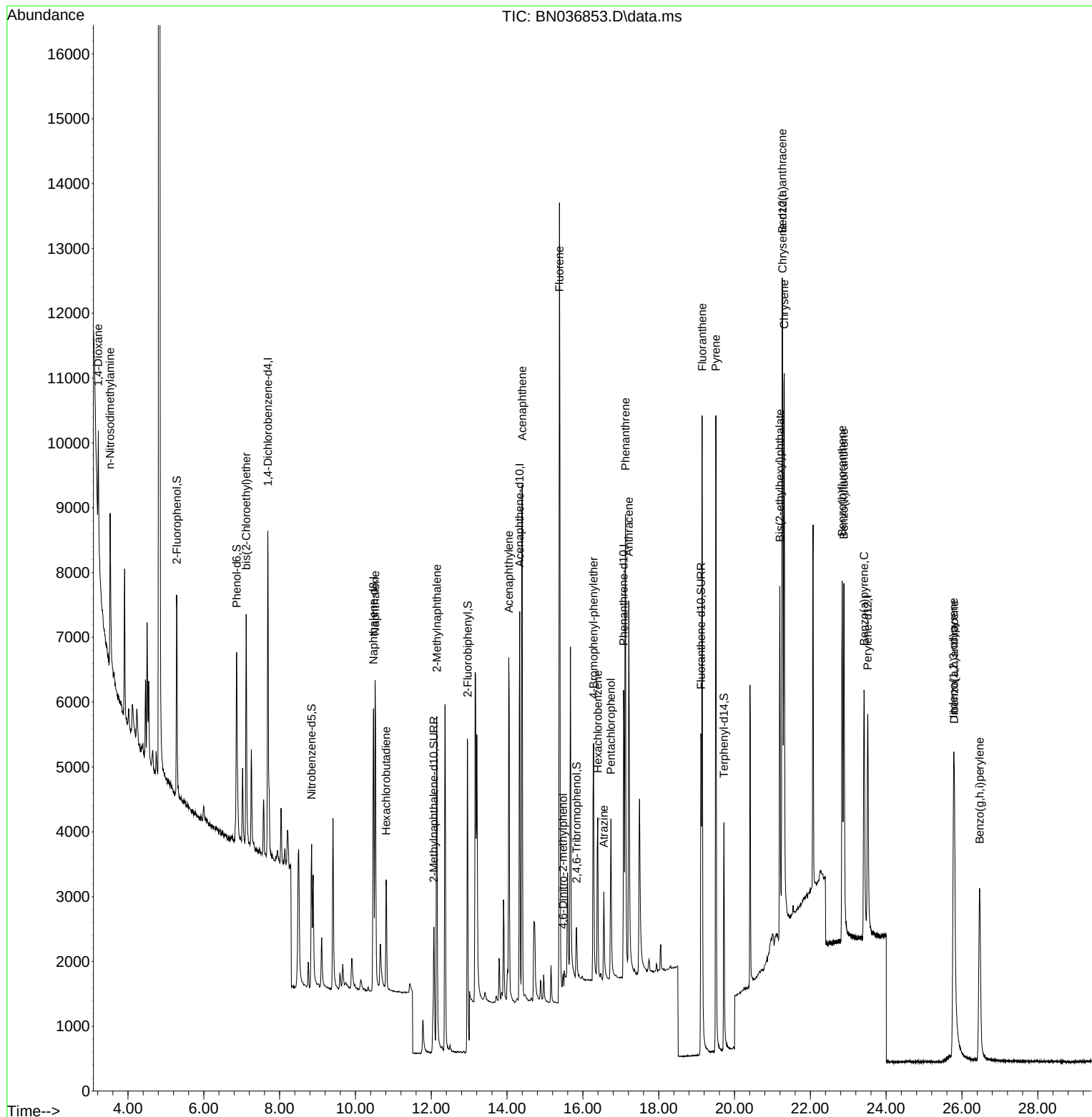
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.688	152	2470	0.400	ng	0.00
7) Naphthalene-d8	10.477	136	6168	0.400	ng	0.00
13) Acenaphthene-d10	14.334	164	3444	0.400	ng	0.00
19) Phenanthrene-d10	17.074	188	7012	0.400	ng	# 0.00
29) Chrysene-d12	21.268	240	5617	0.400	ng	0.00
35) Perylene-d12	23.516	264	4951	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.290	112	2353	0.409	ng	0.00
5) Phenol-d6	6.865	99	2815	0.396	ng	0.00
8) Nitrobenzene-d5	8.843	82	2099	0.313	ng	0.00
11) 2-Methylnaphthalene-d10	12.070	152	3396m	0.370	ng	0.00
14) 2,4,6-Tribromophenol	15.833	330	515	0.330	ng	0.00
15) 2-Fluorobiphenyl	12.958	172	6803	0.340	ng	0.00
27) Fluoranthene-d10	19.113	212	6408	0.357	ng	0.00
31) Terphenyl-d14	19.722	244	4448	0.331	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.218	88	852	0.311	ng	# 19
3) n-Nitrosodimethylamine	3.528	42	2060	0.372	ng	95
6) bis(2-Chloroethyl)ether	7.118	93	2699	0.367	ng	99
9) Naphthalene	10.519	128	6729	0.371	ng	99
10) Hexachlorobutadiene	10.808	225	1456	0.341	ng	# 97
12) 2-Methylnaphthalene	12.146	142	4261	0.369	ng	99
16) Acenaphthylene	14.045	152	6403	0.394	ng	99
17) Acenaphthene	14.398	154	4160	0.391	ng	99
18) Fluorene	15.382	166	5479	0.381	ng	100
20) 4,6-Dinitro-2-methylph...	15.478	198	391	0.364	ng	90
21) 4-Bromophenyl-phenylether	16.280	248	1565	0.356	ng	88
22) Hexachlorobenzene	16.391	284	1875	0.354	ng	98
23) Atrazine	16.553	200	1388	0.394	ng	97
24) Pentachlorophenol	16.739	266	1419	0.587	ng	100
25) Phenanthrene	17.124	178	8470	0.403	ng	99
26) Anthracene	17.210	178	7654	0.403	ng	100
28) Fluoranthene	19.146	202	9471	0.401	ng	100
30) Pyrene	19.508	202	9764	0.356	ng	99
32) Benzo(a)anthracene	21.259	228	7735	0.396	ng	99
33) Chrysene	21.313	228	8835	0.414	ng	99
34) Bis(2-ethylhexyl)phtha...	21.196	149	4505	0.324	ng	# 97
36) Indeno(1,2,3-cd)pyrene	25.779	276	7577	0.424	ng	99
37) Benzo(b)fluoranthene	22.841	252	7224	0.401	ng	96
38) Benzo(k)fluoranthene	22.885	252	7900	0.418	ng	94
39) Benzo(a)pyrene	23.417	252	6701	0.442	ng	92
40) Dibenzo(a,h)anthracene	25.797	278	5830	0.419	ng	96
41) Benzo(g,h,i)perylene	26.466	276	6259	0.393	ng	98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040725\
Data File : BN036853.D
Acq On : 07 Apr 2025 14:54
Operator : RC/JU
Sample : PB167475BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB167475BS

Quant Time: Apr 07 15:15:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 04 17:30:43 2025
Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040725\
 Data File : BN036851.D
 Acq On : 07 Apr 2025 13:41
 Operator : RC/JU
 Sample : Q1736-02MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GST2MS

Quant Time: Apr 07 14:06:29 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 04 17:30:43 2025
 Response via : Initial Calibration

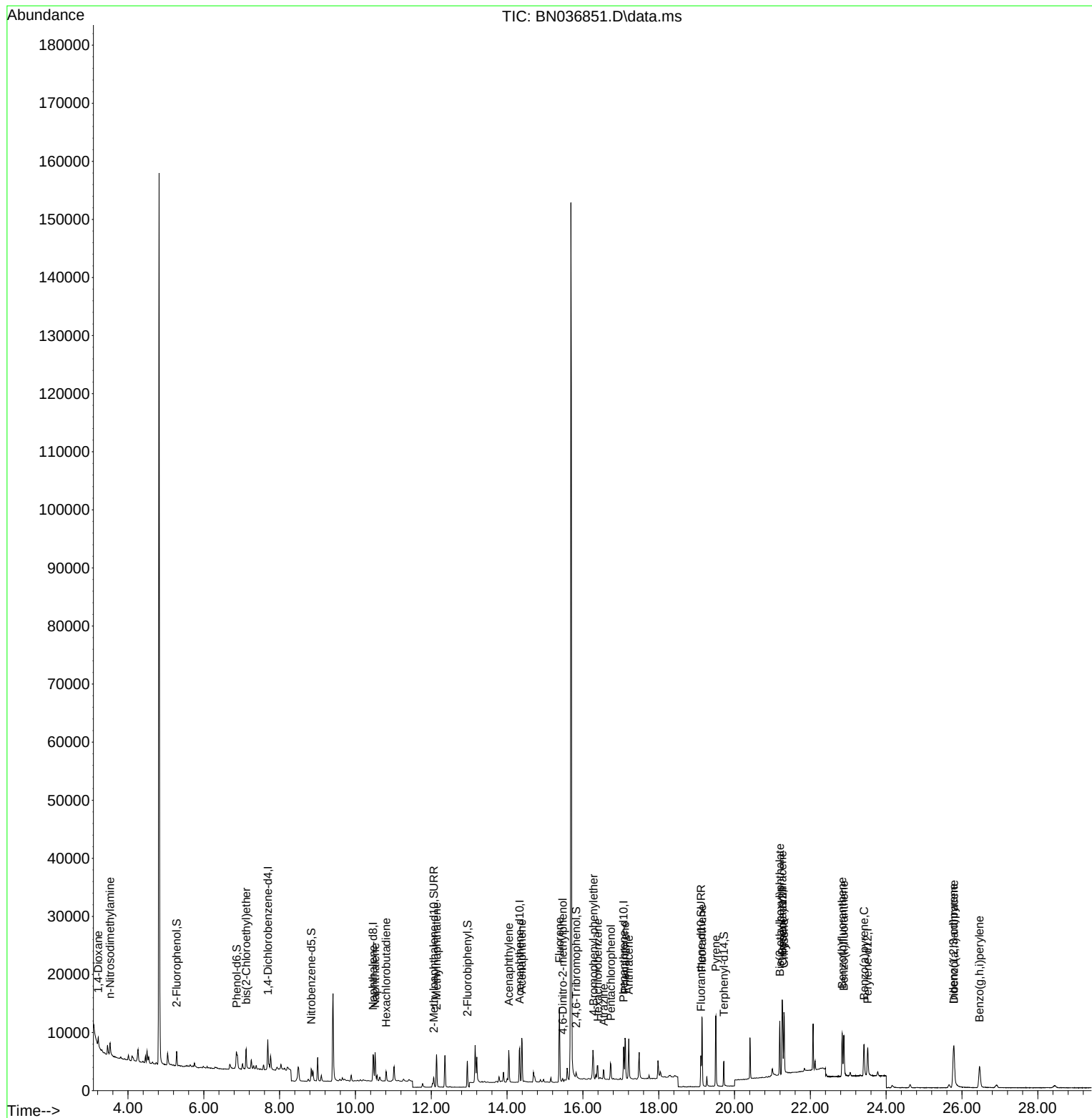
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.688	152	2354	0.400	ng	0.00
7) Naphthalene-d8	10.466	136	6078	0.400	ng	-0.01
13) Acenaphthene-d10	14.334	164	3507	0.400	ng	0.00
19) Phenanthrene-d10	17.074	188	7277	0.400	ng	# 0.00
29) Chrysene-d12	21.268	240	6717	0.400	ng	0.00
35) Perylene-d12	23.513	264	6473	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.283	112	1804	0.329	ng	0.00
5) Phenol-d6	6.865	99	2335	0.345	ng	0.00
8) Nitrobenzene-d5	8.833	82	1657	0.251	ng	-0.01
11) 2-Methylnaphthalene-d10	12.065	152	2414	0.267	ng	0.00
14) 2,4,6-Tribromophenol	15.820	330	485	0.305	ng	-0.01
15) 2-Fluorobiphenyl	12.953	172	5409	0.265	ng	0.00
27) Fluoranthene-d10	19.113	212	5797	0.311	ng	0.00
31) Terphenyl-d14	19.717	244	4144	0.258	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.218	88	804	0.308	ng	# 23
3) n-Nitrosodimethylamine	3.528	42	1855	0.351	ng	# 98
6) bis(2-Chloroethyl)ether	7.118	93	2498	0.357	ng	98
9) Naphthalene	10.519	128	6140	0.343	ng	100
10) Hexachlorobutadiene	10.808	225	1319	0.313	ng	# 100
12) 2-Methylnaphthalene	12.141	142	4012	0.353	ng	99
16) Acenaphthylene	14.045	152	5984	0.362	ng	100
17) Acenaphthene	14.388	154	3806	0.351	ng	100
18) Fluorene	15.382	166	5112	0.349	ng	97
20) 4,6-Dinitro-2-methylph...	15.467	198	495	0.412	ng	# 82
21) 4-Bromophenyl-phenylether	16.280	248	1620	0.355	ng	# 71
22) Hexachlorobenzene	16.391	284	1819	0.330	ng	98
23) Atrazine	16.553	200	1437	0.393	ng	# 92
24) Pentachlorophenol	16.739	266	1517	0.604	ng	99
25) Phenanthrene	17.111	178	8495	0.389	ng	99
26) Anthracene	17.211	178	7730	0.392	ng	99
28) Fluoranthene	19.141	202	10367	0.423	ng	98
30) Pyrene	19.508	202	11046	0.336	ng	99
32) Benzo(a)anthracene	21.259	228	9220	0.395	ng	100
33) Chrysene	21.304	228	9602	0.376	ng	99
34) Bis(2-ethylhexyl)phtha...	21.196	149	9178	0.552	ng	# 99
36) Indeno(1,2,3-cd)pyrene	25.776	276	9589	0.410	ng	98
37) Benzo(b)fluoranthene	22.841	252	9121	0.387	ng	94
38) Benzo(k)fluoranthene	22.885	252	9355	0.379	ng	94
39) Benzo(a)pyrene	23.414	252	8108	0.409	ng	91
40) Dibenzo(a,h)anthracene	25.791	278	7130	0.392	ng	91
41) Benzo(g,h,i)perylene	26.460	276	7664	0.368	ng	98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040725\
Data File : BN036851.D
Acq On : 07 Apr 2025 13:41
Operator : RC/JU
Sample : Q1736-02MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GST2MS

Quant Time: Apr 07 14:06:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 04 17:30:43 2025
Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040725\
 Data File : BN036852.D
 Acq On : 07 Apr 2025 14:18
 Operator : RC/JU
 Sample : Q1736-02MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GST2MSD

Quant Time: Apr 07 15:12:38 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 04 17:30:43 2025
 Response via : Initial Calibration

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

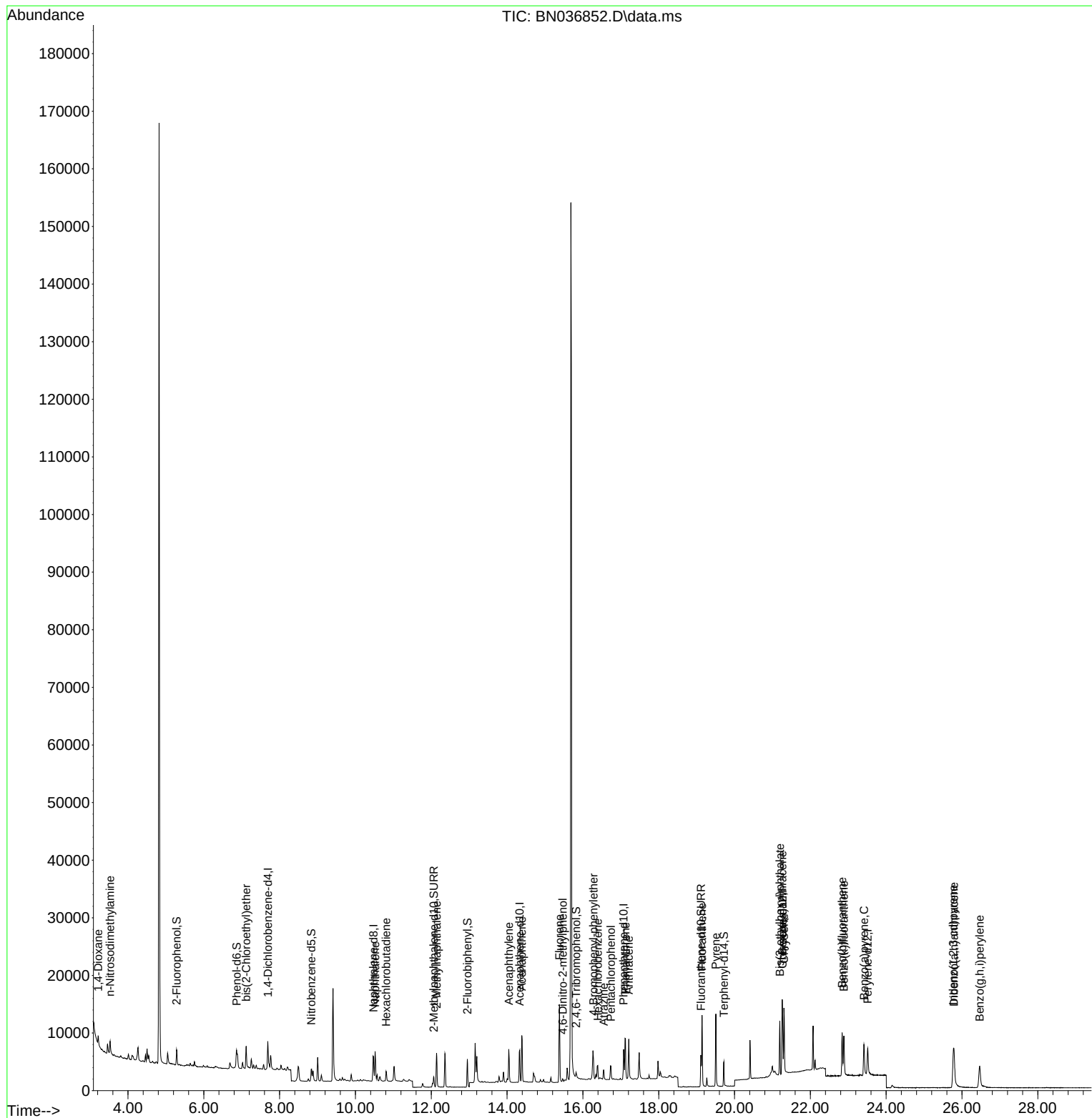
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.688	152	2270	0.400	ng	0.00
7) Naphthalene-d8	10.477	136	5950	0.400	ng	# 0.00
13) Acenaphthene-d10	14.334	164	3412	0.400	ng	0.00
19) Phenanthrene-d10	17.074	188	6916	0.400	ng	# 0.00
29) Chrysene-d12	21.268	240	6228	0.400	ng	0.00
35) Perylene-d12	23.514	264	5983	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.283	112	1938	0.366	ng	0.00
5) Phenol-d6	6.865	99	2517	0.385	ng	0.00
8) Nitrobenzene-d5	8.833	82	1777	0.275	ng	-0.01
11) 2-Methylnaphthalene-d10	12.065	152	2666	0.301	ng	0.00
14) 2,4,6-Tribromophenol	15.821	330	525	0.339	ng	-0.01
15) 2-Fluorobiphenyl	12.953	172	5255	0.265	ng	0.00
27) Fluoranthene-d10	19.113	212	5957	0.336	ng	0.00
31) Terphenyl-d14	19.717	244	4172	0.280	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.218	88	873	0.347	ng	# 33
3) n-Nitrosodimethylamine	3.528	42	2017	0.396	ng	# 99
6) bis(2-Chloroethyl)ether	7.118	93	2683	0.397	ng	99
9) Naphthalene	10.520	128	6590	0.377	ng	100
10) Hexachlorobutadiene	10.808	225	1408	0.342	ng	# 99
12) 2-Methylnaphthalene	12.141	142	4248	0.381	ng	98
16) Acenaphthylene	14.046	152	6281	0.390	ng	100
17) Acenaphthene	14.388	154	4061	0.385	ng	99
18) Fluorene	15.382	166	5318	0.373	ng	100
20) 4,6-Dinitro-2-methylph...	15.467	198	464	0.409	ng	88
21) 4-Bromophenyl-phenylether	16.280	248	1667	0.385	ng	# 73
22) Hexachlorobenzene	16.391	284	1854	0.354	ng	97
23) Atrazine	16.553	200	1515	0.436	ng	# 92
24) Pentachlorophenol	16.739	266	1377	0.577	ng	98
25) Phenanthrene	17.124	178	8707	0.420	ng	100
26) Anthracene	17.211	178	7816	0.418	ng	99
28) Fluoranthene	19.141	202	10630	0.456	ng	99
30) Pyrene	19.508	202	11422	0.375	ng	100
32) Benzo(a)anthracene	21.259	228	9428	0.435	ng	99
33) Chrysene	21.304	228	9967	0.421	ng	99
34) Bis(2-ethylhexyl)phtha...	21.196	149	9058	0.587	ng	# 99
36) Indeno(1,2,3-cd)pyrene	25.774	276	9689	0.449	ng	97
37) Benzo(b)fluoranthene	22.838	252	9273	0.426	ng	95
38) Benzo(k)fluoranthene	22.885	252	9448	0.414	ng	94
39) Benzo(a)pyrene	23.414	252	8394	0.458	ng	# 90
40) Dibenzo(a,h)anthracene	25.791	278	7268	0.432	ng	91
41) Benzo(g,h,i)perylene	26.466	276	7744	0.403	ng	98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040725\
Data File : BN036852.D
Acq On : 07 Apr 2025 14:18
Operator : RC/JU
Sample : Q1736-02MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GST2MSD

Quant Time: Apr 07 15:12:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 04 17:30:43 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:

BN040725

Instrument

BNA_n

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB167475BS	BN036853.D	2-Methylnaphthalene-d10	anahy	4/8/2025 12:00:45 PM	Jagrut	4/10/2025 3:32:18 PM	Peak Integrated by Software
Q1736-01	BN036855.D	Benzo(a)pyrene	anahy	4/8/2025 12:04:50 PM	Jagrut	4/10/2025 3:32:23 PM	Peak Integrated by Software
Q1736-01	BN036855.D	Benzo(k)fluoranthene	anahy	4/8/2025 12:04:50 PM	Jagrut	4/10/2025 3:32:23 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	SSTDIC0.1	BN036557.D	10 Mar 2025 11:42	RC/JU	Ok,M
3	SSTDIC0.2	BN036558.D	10 Mar 2025 12:18	RC/JU	Ok,M
4	SSTDIC0.4	BN036559.D	10 Mar 2025 12:54	RC/JU	Ok
5	SSTDIC0.8	BN036560.D	10 Mar 2025 13:31	RC/JU	Ok
6	SSTDIC1.6	BN036561.D	10 Mar 2025 14:07	RC/JU	Ok
7	SSTDIC3.2	BN036562.D	10 Mar 2025 14:43	RC/JU	Ok
8	SSTDIC5.0	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 # BN040725

Review By	anahy	Review On	4/8/2025 12:29:57 PM
Supervise By	Jagrut	Supervise On	4/10/2025 3:32:44 PM
SubDirectory	BN040725	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	BN036846.D	07 Apr 2025 08:31	RC/JU	Ok
2	SSTDCCC0.4	BN036847.D	07 Apr 2025 09:10	RC/JU	Ok
3	PB167468BL	BN036848.D	07 Apr 2025 09:46	RC/JU	Ok
4	Q1731-04DL	BN036849.D	07 Apr 2025 10:22	RC/JU	Ok
5	Q1736-02	BN036850.D	07 Apr 2025 13:06	RC/JU	Ok
6	Q1736-02MS	BN036851.D	07 Apr 2025 13:41	RC/JU	Ok
7	Q1736-02MSD	BN036852.D	07 Apr 2025 14:18	RC/JU	Ok
8	PB167475BS	BN036853.D	07 Apr 2025 14:54	RC/JU	Ok,M
9	PB167475BL	BN036854.D	07 Apr 2025 15:30	RC/JU	Ok
10	Q1736-01	BN036855.D	07 Apr 2025 16:06	RC/JU	Ok,M

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 # BN040725

Review By	anahy	Review On	4/8/2025 12:29:57 PM
Supervise By	Jagrut	Supervise On	4/10/2025 3:32:44 PM
SubDirectory	BN040725	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	BN036846.D	07 Apr 2025 08:31		RC/JU	Ok
2	SSTDCCC0.4	SSTDCCC0.4	BN036847.D	07 Apr 2025 09:10		RC/JU	Ok
3	PB167468BL	PB167468BL	BN036848.D	07 Apr 2025 09:46		RC/JU	Ok
4	Q1731-04DL	RMW-03B-90-040325D	BN036849.D	07 Apr 2025 10:22		RC/JU	Ok
5	Q1736-02	GST2	BN036850.D	07 Apr 2025 13:06		RC/JU	Ok
6	Q1736-02MS	GST2MS	BN036851.D	07 Apr 2025 13:41		RC/JU	Ok
7	Q1736-02MSD	GST2MSD	BN036852.D	07 Apr 2025 14:18		RC/JU	Ok
8	PB167475BS	PB167475BS	BN036853.D	07 Apr 2025 14:54		RC/JU	Ok,M
9	PB167475BL	PB167475BL	BN036854.D	07 Apr 2025 15:30		RC/JU	Ok
10	Q1736-01	GST1	BN036855.D	07 Apr 2025 16:06		RC/JU	Ok,M

M : Manual Integration

SOP ID: M3541-ASE Extraction-14

Clean Up SOP #: N/A

Matrix : Solid

Weigh By: EH

Balance check: RJ

Balance ID: EX-SC-2

pH Strip Lot#: N/A

Extraction By: RJ

Filter By: RJ

pH Meter ID: N/A

Hood ID: 3,7

Extraction Start Date : 04/07/2025

Extraction Start Time : 08:55

Extraction End Date : 04/07/2025

Extraction End Time : 11:50

Concentration By: EH

Supervisor By : rajesh

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

Standarded 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
MeCl2/Acetone/1:1	N/A	EP2591
Baked Na2SO4	N/A	EP2597
Sand	N/A	E2865
Methylene Chloride	N/A	E3904
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.

KD Bath ID: N/A

Envap ID: NEVAP-02

KD Bath Temperature: N/A

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
04/07/25	RP (Ext. Lab)	RC/SVOC
11:55	Preparation Group	Analysis Group

Analytical Method: M3541-ASE Extraction-14

Concentration Date: 04/07/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB167475BL	SBLK475	SVOC-SIMGrou p1	30.01	N/A	ritesh	Evelyn	1			U6-1
PB167475BS	SLCS475	SVOC-SIMGrou p1	30.02	N/A	ritesh	Evelyn	1			2
Q1736-01	GST1	SVOC-SIMGrou p1	30.05	N/A	ritesh	Evelyn	1			3
Q1736-02	GST2	SVOC-SIMGrou p1	30.03	N/A	ritesh	Evelyn	1			4
Q1736-02MS	GST2MS	SVOC-SIMGrou p1	30.08	N/A	ritesh	Evelyn	1			5
Q1736-02MS D	GST2MSD	SVOC-SIMGrou p1	30.06	N/A	ritesh	Evelyn	1			6

* Extracts relinquished on the same date as received.

8/4/7/25

167475
8-57

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q1736M WorkList ID : 188766 Department : Extraction Date : 04-07-2025 08:26:18

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1736-01	GST1	Solid	SVOC-SIMGroup1	Cool 4 deg C	GENV01	L21	04/04/2025	8270-Modified
Q1736-02	GST2	Solid	SVOC-SIMGroup1	Cool 4 deg C	GENV01	L21	04/04/2025	8270-Modified

Date/Time 04/07/25 8:50
Raw Sample Received by: RJ (Est 1:50)
Raw Sample Relinquished by: CP SR

Date/Time 04/07/25 9:10
Raw Sample Received by: CP SR
Raw Sample Relinquished by: RJ (Est 1:40)

LAB CHRONICLE

OrderID:	Q1736	OrderDate:	4/4/2025 1:39:00 PM
Client:	G Environmental	Project:	Stockton
Contact:	Gary Landis	Location:	L21

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1736-01	GST1	SOIL	SVOC-SIMGroup1	8270-Modified	04/04/25	04/07/25	04/07/25	04/04/25
Q1736-02	GST2	SOIL	SVOC-SIMGroup1	8270-Modified	04/04/25	04/07/25	04/07/25	04/04/25