

Hit Summary Sheet SW-846

SDG No.: Q3083
Client: G Environmental

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : MW3S								
Q3083-03	MW3S	WATER	Acenaphthene	6.900		0.55	5	ug/L
Q3083-03	MW3S	WATER	1,4-Dioxane	8.500		1	5	ug/L
			Total Svoc :			15.40		
Q3083-03	MW3S	WATER	Benzophenone	*	5.500	J 0	0	ug/L
Q3083-03	MW3S	WATER	cis-7-Hexadecenoic acid	*	3.900	J 0	0	ug/L
Q3083-03	MW3S	WATER	Dodecanoic acid	*	2.000	J 0	0	ug/L
Q3083-03	MW3S	WATER	n-Hexadecanoic acid	*	22.700	J 0	0	ug/L
Q3083-03	MW3S	WATER	Octadecanoic acid	*	8.600	J 0	0	ug/L
Q3083-03	MW3S	WATER	Pentacos-1-ene	*	5.500	J 0	0	ug/L
Q3083-03	MW3S	WATER	p-Phenylhydrocinnamionitrile	*	30.000	J 0	0	ug/L
Q3083-03	MW3S	WATER	Supraene	*	11.000	J 0	0	ug/L
Q3083-03	MW3S	WATER	(2,2,5,5-Tetramethyldihydro-1,3,4 *		2.400	J 0	0	ug/L
			Total Tics :			91.60		
			Total Concentration:			107.00		



SAMPLE DATA

Report of Analysis

Client:	G Environmental	Date Collected:	09/11/25
Project:	Blanchard	Date Received:	09/11/25
Client Sample ID:	MW3S	SDG No.:	Q3083
Lab Sample ID:	Q3083-03	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025797.D	1	09/17/25 09:05	09/19/25 13:43	PB169719

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	3.90	U	3.90	10.0	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.81	U	0.81	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1.30	5.00	ug/L
98-86-2	Acetophenone	0.74	U	0.74	5.00	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.40	U	1.40	2.50	ug/L
67-72-1	Hexachloroethane	0.65	U	0.65	5.00	ug/L
98-95-3	Nitrobenzene	0.76	U	0.76	5.00	ug/L
78-59-1	Isophorone	0.75	U	0.75	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	0.68	U	0.68	5.00	ug/L
91-20-3	Naphthalene	0.50	U	0.50	5.00	ug/L
106-47-8	4-Chloroaniline	0.84	UQ	0.84	5.00	ug/L
87-68-3	Hexachlorobutadiene	0.54	U	0.54	5.00	ug/L
105-60-2	Caprolactam	1.10	U	1.10	10.0	ug/L
91-57-6	2-Methylnaphthalene	0.56	U	0.56	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	3.60	U	3.60	10.0	ug/L
92-52-4	1,1-Biphenyl	0.53	U	0.53	5.00	ug/L
91-58-7	2-Chloronaphthalene	0.61	U	0.61	5.00	ug/L
88-74-4	2-Nitroaniline	1.30	U	1.30	5.00	ug/L
131-11-3	Dimethylphthalate	0.61	U	0.61	5.00	ug/L
208-96-8	Acenaphthylene	0.75	U	0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	0.92	U	0.92	5.00	ug/L
99-09-2	3-Nitroaniline	1.10	UQ	1.10	5.00	ug/L
83-32-9	Acenaphthene	6.90		0.55	5.00	ug/L
132-64-9	Dibenzofuran	0.61	U	0.61	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	1.20	U	1.20	5.00	ug/L
84-66-2	Diethylphthalate	0.69	U	0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.68	U	0.68	5.00	ug/L
86-73-7	Fluorene	0.63	U	0.63	5.00	ug/L
100-01-6	4-Nitroaniline	1.50	U	1.50	5.00	ug/L

Report of Analysis

Client:	G Environmental	Date Collected:	09/11/25
Project:	Blanchard	Date Received:	09/11/25
Client Sample ID:	MW3S	SDG No.:	Q3083
Lab Sample ID:	Q3083-03	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025797.D	1	09/17/25 09:05	09/19/25 13:43	PB169719

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
86-30-6	n-Nitrosodiphenylamine	0.58	U	0.58	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	0.40	U	0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	0.52	U	0.52	5.00	ug/L
1912-24-9	Atrazine	1.00	U	1.00	5.00	ug/L
85-01-8	Phenanthrene	0.50	U	0.50	5.00	ug/L
120-12-7	Anthracene	0.61	U	0.61	5.00	ug/L
86-74-8	Carbazole	0.72	U	0.72	5.00	ug/L
84-74-2	Di-n-butylphthalate	1.20	U	1.20	5.00	ug/L
206-44-0	Fluoranthene	0.82	U	0.82	5.00	ug/L
129-00-0	Pyrene	0.50	U	0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	1.90	U	1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	0.93	UQ	0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	0.45	U	0.45	5.00	ug/L
218-01-9	Chrysene	0.44	U	0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.60	U	1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	2.30	U	2.30	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	0.49	U	0.49	5.00	ug/L
207-08-9	Benzo(k)fluoranthene	0.48	U	0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	0.55	U	0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.59	U	0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.67	U	0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	0.69	U	0.69	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.52	U	0.52	5.00	ug/L
123-91-1	1,4-Dioxane	8.50		1.00	5.00	ug/L

SURROGATES

367-12-4	2-Fluorophenol	68.8		15 (23) - 110 (138)	46%	SPK: 150
13127-88-3	Phenol-d6	45.2		15 (10) - 110 (134)	30%	SPK: 150
4165-60-0	Nitrobenzene-d5	83.8		30 (67) - 130 (132)	84%	SPK: 100
321-60-8	2-Fluorobiphenyl	81.5		30 (52) - 130 (132)	82%	SPK: 100
118-79-6	2,4,6-Tribromophenol	126		15 (44) - 110 (137)	84%	SPK: 150

Report of Analysis

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Project:	Blanchard	Date Received:	09/11/25
Client Sample ID:	MW3S	SDG No.:	Q3083
Lab Sample ID:	Q3083-03	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025797.D	1	09/17/25 09:05	09/19/25 13:43	PB169719

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1718-51-0	Terphenyl-d14	81.0		30 (42) - 130 (152)	81%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	169000	7.749
1146-65-2	Naphthalene-d8	657000	10.519
15067-26-2	Acenaphthene-d10	438000	14.372
1517-22-2	Phenanthrene-d10	872000	17.172
1719-03-5	Chrysene-d12	885000	21.63
1520-96-3	Perylene-d12	934000	24.989

TENTATIVE IDENTIFIED COMPOUNDS

000143-07-7	Dodecanoic acid	2.00	J	14.8	ug/L
1000192-04-6	(2,2,5,5-Tetramethyldihydro-1,3,4,	2.40	J	15.4	ug/L
000119-61-9	Benzophenone	5.50	J	15.8	ug/L
092552-19-7	p-Phenylhydrocinnamonitrile	30.0	J	17.5	ug/L
002416-19-5	cis-7-Hexadecenoic acid	3.90	J	18.0	ug/L
000057-10-3	n-Hexadecanoic acid	22.7	J	18.1	ug/L
000057-11-4	Octadecanoic acid	8.60	J	19.4	ug/L
016980-85-1	Pentacos-1-ene	5.50	J	21.3	ug/L
007683-64-9	Supraene	11.0	J	23.4	ug/L

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products



QC SUMMARY

Surrogate Summary

SW-846

SDG No.: **Q3083**

Client: **G Environmental**

Analytical Method: **8270E**

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
							Low	High
PB169719BL	PB169719BL	2-Fluorophenol	150	119	79		15 (23)	110 (138)
		Phenol-d6	150	109	73		15 (10)	110 (134)
		Nitrobenzene-d5	100	73.4	73		30 (67)	130 (132)
		2-Fluorobiphenyl	100	75.1	75		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	111	74		15 (44)	110 (137)
		Terphenyl-d14	100	71.7	72		30 (42)	130 (152)
PB169719BS	PB169719BS	2-Fluorophenol	150	116	77		15 (23)	110 (138)
		Phenol-d6	150	109	73		15 (10)	110 (134)
		Nitrobenzene-d5	100	69.0	69		30 (67)	130 (132)
		2-Fluorobiphenyl	100	68.9	69		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	113	75		15 (44)	110 (137)
		Terphenyl-d14	100	72.6	73		30 (42)	130 (152)
PB169719BSD	PB169719BSD	2-Fluorophenol	150	116	78		15 (23)	110 (138)
		Phenol-d6	150	110	74		15 (10)	110 (134)
		Nitrobenzene-d5	100	69.8	70		30 (67)	130 (132)
		2-Fluorobiphenyl	100	69.9	70		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	113	76		15 (44)	110 (137)
		Terphenyl-d14	100	72.7	73		30 (42)	130 (152)
Q3083-03	MW3S	2-Fluorophenol	150	68.8	46		15 (23)	110 (138)
		Phenol-d6	150	45.2	30		15 (10)	110 (134)
		Nitrobenzene-d5	100	83.8	84		30 (67)	130 (132)
		2-Fluorobiphenyl	100	81.5	82		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	126	84		15 (44)	110 (137)
		Terphenyl-d14	100	81.0	81		30 (42)	130 (152)

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: <u>Q3083</u>	Analytical Method: <u>8270E</u>
Client: <u>G Environmental</u>	DataFile: <u>BP025774.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB169719BS	Benzaldehyde	50	29.4	ug/L	59					20 (10)	160 (162)	
	bis(2-Chloroethyl)ether	50	37.3	ug/L	75					70 (62)	130 (103)	
	2,2-oxybis(1-Chloropropane)	50	36.9	ug/L	74					70 (65)	130 (100)	
	Acetophenone	50	40.6	ug/L	81					70 (60)	130 (104)	
	N-Nitroso-di-n-propylamine	50	35.8	ug/L	72					70 (57)	130 (107)	
	Hexachloroethane	50	37.0	ug/L	74					20 (76)	160 (118)	
	Nitrobenzene	50	38.1	ug/L	76					70 (58)	130 (106)	
	Isophorone	50	36.1	ug/L	72					70 (61)	130 (102)	
	bis(2-Chloroethoxy)methane	50	38.3	ug/L	77					70 (58)	130 (109)	
	Naphthalene	50	37.5	ug/L	75					70 (64)	130 (107)	
	4-Chloroaniline	50	20.3	ug/L	41		*			70 (10)	130 (85)	
	Hexachlorobutadiene	50	38.7	ug/L	77					70 (69)	130 (101)	
	Caprolactam	50	36.2	ug/L	72					20 (58)	160 (128)	
	2-Methylnaphthalene	50	37.6	ug/L	75					70 (64)	130 (107)	
	Hexachlorocyclopentadiene	100	76.0	ug/L	76					20 (36)	160 (160)	
	1,1-Biphenyl	50	41.6	ug/L	83					70 (72)	130 (98)	
	2-Chloronaphthalene	50	38.7	ug/L	77					70 (59)	130 (106)	
	2-Nitroaniline	50	39.6	ug/L	79					70 (73)	130 (114)	
	Dimethylphthalate	50	38.7	ug/L	77					70 (64)	130 (103)	
	Acenaphthylene	50	39.2	ug/L	78					70 (79)	130 (103)	
	2,6-Dinitrotoluene	50	40.0	ug/L	80					70 (64)	130 (110)	
	3-Nitroaniline	50	28.5	ug/L	57		*			70 (28)	130 (100)	
	Acenaphthene	50	38.0	ug/L	76					70 (59)	130 (113)	
	Dibenzofuran	50	38.5	ug/L	77					70 (65)	130 (106)	
	2,4-Dinitrotoluene	50	40.6	ug/L	81					70 (60)	130 (115)	
	Diethylphthalate	50	39.3	ug/L	79					70 (63)	130 (105)	
	4-Chlorophenyl-phenylether	50	38.5	ug/L	77					70 (61)	130 (104)	
	Fluorene	50	38.3	ug/L	77					70 (64)	130 (107)	
	4-Nitroaniline	50	39.4	ug/L	79					70 (55)	130 (125)	
	N-Nitrosodiphenylamine	50	40.0	ug/L	80					70 (61)	130 (109)	
	4-Bromophenyl-phenylether	50	40.6	ug/L	81					70 (73)	130 (103)	
	Hexachlorobenzene	50	39.1	ug/L	78					70 (73)	130 (106)	
	Atrazine	50	40.7	ug/L	81					70 (76)	130 (120)	
	Phenanthrene	50	39.1	ug/L	78					70 (62)	130 (109)	
	Anthracene	50	39.5	ug/L	79					70 (65)	130 (110)	
	Carbazole	50	39.6	ug/L	79					70 (62)	130 (106)	
	Di-n-butylphthalate	50	40.5	ug/L	81					70 (64)	130 (106)	
	Fluoranthene	50	38.8	ug/L	78					70 (64)	130 (110)	
	Pyrene	50	41.5	ug/L	83					70 (71)	130 (103)	
	Butylbenzylphthalate	50	41.5	ug/L	83					70 (61)	130 (105)	
	3,3-Dichlorobenzidine	50	27.8	ug/L	56		*			70 (43)	130 (108)	
	Benzo(a)anthracene	50	39.6	ug/L	79					70 (62)	130 (107)	
	Chrysene	50	39.8	ug/L	80					70 (61)	130 (108)	
	bis(2-Ethylhexyl)phthalate	50	41.2	ug/L	82					70 (59)	130 (110)	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: <u>Q3083</u>	Analytical Method: <u>8270E</u>
Client: <u>G Environmental</u>	DataFile: <u>BP025774.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB169719BS	Di-n-octyl phthalate	50	39.8	ug/L	80				70 (52)	130 (139)		
	Benzo(b)fluoranthene	50	41.8	ug/L	84				70 (77)	130 (113)		
	Benzo(k)fluoranthene	50	40.1	ug/L	80				70 (77)	130 (105)		
	Benzo(a)pyrene	50	40.4	ug/L	81				70 (72)	130 (131)		
	Indeno(1,2,3-cd)pyrene	50	42.8	ug/L	86				70 (72)	130 (105)		
	Dibenz(a,h)anthracene	50	42.3	ug/L	85				70 (78)	130 (115)		
	Benzo(g,h,i)perylene	50	43.2	ug/L	86				70 (75)	130 (118)		
	1,2,4,5-Tetrachlorobenzene	50	41.5	ug/L	83				70 (72)	130 (101)		
	1,4-Dioxane	50	31.8	ug/L	64				20 (38)	160 (125)		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3083

Analytical Method:

8270E

Client: G Environmental

DataFile:

BP025775.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual		Low	High
PB169719BSD	Benzaldehyde	50	29.8	ug/L	60	1				20 (10)	160 (162)
	bis(2-Chloroethyl)ether	50	38.1	ug/L	76	2				70 (62)	130 (103)
	2,2-oxybis(1-Chloropropane)	50	37.0	ug/L	74	0				70 (65)	130 (100)
	Acetophenone	50	40.8	ug/L	82	0				70 (60)	130 (104)
	N-Nitroso-di-n-propylamine	50	36.4	ug/L	73	2				70 (57)	130 (107)
	Hexachloroethane	50	38.0	ug/L	76	3				20 (76)	160 (118)
	Nitrobenzene	50	38.9	ug/L	78	2				70 (58)	130 (106)
	Isophorone	50	36.9	ug/L	74	2				70 (61)	130 (102)
	bis(2-Chloroethoxy)methane	50	38.3	ug/L	77	0				70 (58)	130 (109)
	Naphthalene	50	38.1	ug/L	76	2				70 (64)	130 (107)
	4-Chloroaniline	50	20.1	ug/L	40	1	*			70 (10)	130 (85)
	Hexachlorobutadiene	50	38.7	ug/L	77	0				70 (69)	130 (101)
	Caprolactam	50	36.6	ug/L	73	1				20 (58)	160 (128)
	2-Methylnaphthalene	50	37.6	ug/L	75	0				70 (64)	130 (107)
	Hexachlorocyclopentadiene	100	76.9	ug/L	77	1				20 (36)	160 (160)
	1,1-Biphenyl	50	41.4	ug/L	83	0				70 (72)	130 (98)
	2-Chloronaphthalene	50	38.8	ug/L	78	0				70 (59)	130 (106)
	2-Nitroaniline	50	40.3	ug/L	81	2				70 (73)	130 (114)
	Dimethylphthalate	50	38.7	ug/L	77	0				70 (64)	130 (103)
	Acenaphthylene	50	39.7	ug/L	79	1				70 (79)	130 (103)
	2,6-Dinitrotoluene	50	39.5	ug/L	79	1				70 (64)	130 (110)
	3-Nitroaniline	50	27.5	ug/L	55	4	*			70 (28)	130 (100)
	Acenaphthene	50	38.4	ug/L	77	1				70 (59)	130 (113)
	Dibenzofuran	50	38.3	ug/L	77	1				70 (65)	130 (106)
	2,4-Dinitrotoluene	50	40.5	ug/L	81	0				70 (60)	130 (115)
	Diethylphthalate	50	38.9	ug/L	78	1				70 (63)	130 (105)
	4-Chlorophenyl-phenylether	50	37.9	ug/L	76	2				70 (61)	130 (104)
	Fluorene	50	38.1	ug/L	76	1				70 (64)	130 (107)
	4-Nitroaniline	50	39.3	ug/L	79	0				70 (55)	130 (125)
	N-Nitrosodiphenylamine	50	40.0	ug/L	80	0				70 (61)	130 (109)
	4-Bromophenyl-phenylether	50	39.9	ug/L	80	2				70 (73)	130 (103)
	Hexachlorobenzene	50	38.5	ug/L	77	2				70 (73)	130 (106)
	Atrazine	50	39.9	ug/L	80	2				70 (76)	130 (120)
	Phenanthrene	50	39.0	ug/L	78	0				70 (62)	130 (109)
	Anthracene	50	39.1	ug/L	78	1				70 (65)	130 (110)
	Carbazole	50	39.4	ug/L	79	1				70 (62)	130 (106)
	Di-n-butylphthalate	50	39.1	ug/L	78	4				70 (64)	130 (106)
	Fluoranthene	50	39.3	ug/L	79	1				70 (64)	130 (110)
	Pyrene	50	41.3	ug/L	83	0				70 (71)	130 (103)
	Butylbenzylphthalate	50	42.1	ug/L	84	1				70 (61)	130 (105)
	3,3-Dichlorobenzidine	50	27.6	ug/L	55	1	*			70 (43)	130 (108)
	Benzo(a)anthracene	50	40.2	ug/L	80	2				70 (62)	130 (107)
	Chrysene	50	39.5	ug/L	79	1				70 (61)	130 (108)
	bis(2-Ethylhexyl)phthalate	50	41.0	ug/L	82	0				70 (59)	130 (110)

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: <u>Q3083</u>	Analytical Method: <u>8270E</u>
Client: <u>G Environmental</u>	DataFile: <u>BP025775.D</u>

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		
								Qual	Low	High	RPD
PB169719BSD	Di-n-octyl phthalate	50	39.2	ug/L	78	2			70 (52)	130 (139)	20 (20)
	Benzo(b)fluoranthene	50	41.7	ug/L	83	0			70 (77)	130 (113)	20 (20)
	Benzo(k)fluoranthene	50	42.5	ug/L	85	6			70 (77)	130 (105)	20 (20)
	Benzo(a)pyrene	50	40.7	ug/L	81	1			70 (72)	130 (131)	20 (20)
	Indeno(1,2,3-cd)pyrene	50	42.6	ug/L	85	0			70 (72)	130 (105)	20 (20)
	Dibenz(a,h)anthracene	50	42.6	ug/L	85	1			70 (78)	130 (115)	20 (20)
	Benzo(g,h,i)perylene	50	43.3	ug/L	87	0			70 (75)	130 (118)	20 (20)
	1,2,4,5-Tetrachlorobenzene	50	41.4	ug/L	83	0			70 (72)	130 (101)	20 (20)
	1,4-Dioxane	50	32.7	ug/L	65	3			20 (38)	160 (125)	20 (20)

4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID

PB169719BL

Lab Name: Alliance

Contract: GENV01

Lab Code: ACE

SDG NO.: Q3083

Lab File ID: BP025776.D

Lab Sample ID: PB169719BL

Instrument ID: BNA_P

Date Extracted: 09/17/2025

Matrix: (soil/water) Water

Date Analyzed: 09/17/2025

Level: (low/med) LOW

Time Analyzed: 21:56

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB169719BS	PB169719BS	BP025774.D	09/17/2025
PB169719BSD	PB169719BSD	BP025775.D	09/17/2025
MW3S	Q3083-03	BP025797.D	09/19/2025

COMMENTS: _____

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BP025724.D
Instrument ID: BNA_P

Contract: GENV01
SDG NO.: Q3083
DFTPP Injection Date: 09/11/2025
DFTPP Injection Time: 08:09

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.6 (1.6) 1
69	Mass 69 relative abundance	36.5
70	Less than 2.0% of mass 69	0.2 (0.5) 1
197	Less than 2.0% of mass 198	0.6
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
365	Greater than 1% of mass 198	3.3
441	Present, but less than mass 443	10.8
442	Greater than 50% of mass 198	69.4
443	15.0 - 24.0% of mass 442	13.7 (19.7) 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
SSTDICC2.5	SSTDICC2.5	BP025725.D	09/11/2025	08:56
SSTDICC005	SSTDICC005	BP025726.D	09/11/2025	09:37
SSTDICC010	SSTDICC010	BP025727.D	09/11/2025	10:18
SSTDICC020	SSTDICC020	BP025728.D	09/11/2025	10:59
SSTDICCC040	SSTDICCC040	BP025729.D	09/11/2025	12:21
SSTDICC060	SSTDICC060	BP025731.D	09/11/2025	13:43
SSTDICC080	SSTDICC080	BP025732.D	09/11/2025	14:24
SSTDICC050	SSTDICC050	BP025733.D	09/11/2025	15:20

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BP025768.D
Instrument ID: BNA_P

Contract: GENV01
SDG NO.: Q3083
DFTPP Injection Date: 09/17/2025
DFTPP Injection Time: 11:22

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.6 (1.7) 1
69	Mass 69 relative abundance	33.3
70	Less than 2.0% of mass 69	0.2 (0.5) 1
197	Less than 2.0% of mass 198	0.6
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.5
365	Greater than 1% of mass 198	3.4
441	Present, but less than mass 443	11.8
442	Greater than 50% of mass 198	76.7
443	15.0 - 24.0% of mass 442	14.9 (19.5) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BP025769.D	09/17/2025	12:03
PB169719BS	PB169719BS	BP025774.D	09/17/2025	20:35
PB169719BSD	PB169719BSD	BP025775.D	09/17/2025	21:16
PB169719BL	PB169719BL	BP025776.D	09/17/2025	21:56

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance
Lab Code: ACE
Lab File ID: BP025791.D
Instrument ID: BNA_P

Contract: GENV01
SDG NO.: Q3083
DFTPP Injection Date: 09/19/2025
DFTPP Injection Time: 09:31

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.6 (1.6) 1
69	Mass 69 relative abundance	37.8
70	Less than 2.0% of mass 69	0.2 (0.5) 1
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
365	Greater than 1% of mass 198	3.4
441	Present, but less than mass 443	10.3
442	Greater than 50% of mass 198	66.8
443	15.0 - 24.0% of mass 442	13 (19.5) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BP025792.D	09/19/2025	10:12
MW3S	Q3083-03	BP025797.D	09/19/2025	13:43

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3083

Client ID : SSTDCCC040

Date Analyzed: 09/17/2025

Lab File ID: BP025769.D

Time Analyzed: 12:03

Instrument ID: BNA_P

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	173185	7.755	666754	10.53	429441	14.37
UPPER LIMIT	346370	8.255	1333510	11.025	858882	14.872
LOWER LIMIT	86592.5	7.255	333377	10.025	214721	13.872
EPA SAMPLE NO.						
01 PB169719BL	179386	7.75	669415	10.53	415180	14.37
02 PB169719BS	164300	7.76	643426	10.52	416776	14.37
03 PB169719BSD	164703	7.76	637233	10.53	413759	14.37

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: Alliance

Lab Code: ACE

SDG NO.: Q3083

Client ID: SSTDCCC040

Date Analyzed: 09/17/2025

Lab File ID: BP025769.D

Time Analyzed: 12:03

Instrument ID: BNA_P

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	869670	17.172	945078	21.625	1090690	24.989
UPPER LIMIT	1739340	17.672	1890160	22.125	2181380	25.489
LOWER LIMIT	434835	16.672	472539	21.125	545345	24.489
EPA SAMPLE NO.						
01 PB169719BL	826588	17.17	912511	21.61	985422	24.97
02 PB169719BS	849137	17.17	847157	21.62	873039	24.97
03 PB169719BSD	845328	17.18	850188	21.63	857103	24.98

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.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE

SDG NO.: Q3083

Client ID : SSTDCCC040

Date Analyzed: 09/19/2025

Lab File ID: BP025792.D

Time Analyzed: 10:12

Instrument ID: BNA_P

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	182285	7.749	709982	10.51	456027	14.37
UPPER LIMIT	364570	8.249	1419960	11.013	912054	14.866
LOWER LIMIT	91142.5	7.249	354991	10.013	228014	13.866
EPA SAMPLE NO.						
01 MW3S	169135	7.75	657250	10.52	437837	14.37

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: Alliance

Lab Code: ACE

SDG NO.: Q3083

Client ID: SSTDCCC040

Date Analyzed: 09/19/2025

Lab File ID: BP025792.D

Time Analyzed: 10:12

Instrument ID: BNA_P

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	907902	17.172	942075	21.619	1041360	24.971
UPPER LIMIT	1815800	17.672	1884150	22.119	2082720	25.471
LOWER LIMIT	453951	16.672	471038	21.119	520680	24.471
EPA SAMPLE NO.						
01 MW3S	872207	17.17	884935	21.63	933835	24.99

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:	Blanchard		Date Received:	
Client Sample ID:	PB169719BL		SDG No.:	Q3083
Lab Sample ID:	PB169719BL		Matrix:	Water
Analytical Method:	8270E		% Solid:	0
Sample Wt/Vol:	1000	Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:		uL	Test:	SVOCMS Group2
Extraction Type :		Decanted : N	Level :	LOW
Injection Volume :		GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025776.D	1	09/17/25 09:05	09/17/25 21:56	PB169719

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

Report of Analysis

Client:	G Environmental		Date Collected:	
Project:	Blanchard		Date Received:	
Client Sample ID:	PB169719BL		SDG No.:	Q3083
Lab Sample ID:	PB169719BL		Matrix:	Water
Analytical Method:	8270E		% Solid:	0
Sample Wt/Vol:	1000	Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:		uL	Test:	SVOCMS Group2
Extraction Type :		Decanted : N	Level :	LOW
Injection Volume :		GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025776.D	1	09/17/25 09:05	09/17/25 21:56	PB169719

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
86-30-6	n-Nitrosodiphenylamine	0.58	U	0.58	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	0.40	U	0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	0.52	U	0.52	5.00	ug/L
1912-24-9	Atrazine	1.00	U	1.00	5.00	ug/L
85-01-8	Phenanthrene	0.50	U	0.50	5.00	ug/L
120-12-7	Anthracene	0.61	U	0.61	5.00	ug/L
86-74-8	Carbazole	0.72	U	0.72	5.00	ug/L
84-74-2	Di-n-butylphthalate	1.20	U	1.20	5.00	ug/L
206-44-0	Fluoranthene	0.82	U	0.82	5.00	ug/L
129-00-0	Pyrene	0.50	U	0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	1.90	U	1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	0.93	U	0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	0.45	U	0.45	5.00	ug/L
218-01-9	Chrysene	0.44	U	0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.60	U	1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	2.30	U	2.30	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	0.49	U	0.49	5.00	ug/L
207-08-9	Benzo(k)fluoranthene	0.48	U	0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	0.55	U	0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.59	U	0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.67	U	0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	0.69	U	0.69	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.52	U	0.52	5.00	ug/L
123-91-1	1,4-Dioxane	1.00	U	1.00	5.00	ug/L

SURROGATES

367-12-4	2-Fluorophenol	119		15 (23) - 110 (138)	79%	SPK: 150
13127-88-3	Phenol-d6	109		15 (10) - 110 (134)	73%	SPK: 150
4165-60-0	Nitrobenzene-d5	73.4		30 (67) - 130 (132)	73%	SPK: 100
321-60-8	2-Fluorobiphenyl	75.1		30 (52) - 130 (132)	75%	SPK: 100
118-79-6	2,4,6-Tribromophenol	111		15 (44) - 110 (137)	74%	SPK: 150

Report of Analysis

Client:	G Environmental		Date Collected:	
Project:	Blanchard		Date Received:	
Client Sample ID:	PB169719BL		SDG No.:	Q3083
Lab Sample ID:	PB169719BL		Matrix:	Water
Analytical Method:	8270E		% Solid:	0
Sample Wt/Vol:	1000	Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:		uL	Test:	SVOCMS Group2
Extraction Type :		Decanted : N	Level :	LOW
Injection Volume :		GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025776.D	1	09/17/25 09:05	09/17/25 21:56	PB169719

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1718-51-0	Terphenyl-d14	71.7		30 (42) - 130 (152)	72%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	179000	7.754			
1146-65-2	Naphthalene-d8	669000	10.525			
15067-26-2	Acenaphthene-d10	415000	14.372			
1517-22-2	Phenanthrene-d10	827000	17.172			
1719-03-5	Chrysene-d12	913000	21.613			
1520-96-3	Perylene-d12	985000	24.971			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Blanchard	Date Received:	
Client Sample ID:	PB169719BS	SDG No.:	Q3083
Lab Sample ID:	PB169719BS	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025774.D	1	09/17/25 09:05	09/17/25 20:35	PB169719

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	29.4		3.90	10.0	ug/L
111-44-4	bis(2-Chloroethyl)ether	37.3		0.81	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	36.9		1.30	5.00	ug/L
98-86-2	Acetophenone	40.6		0.74	5.00	ug/L
621-64-7	n-Nitroso-di-n-propylamine	35.8		1.40	2.50	ug/L
67-72-1	Hexachloroethane	37.0		0.65	5.00	ug/L
98-95-3	Nitrobenzene	38.1		0.76	5.00	ug/L
78-59-1	Isophorone	36.1		0.75	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	38.3		0.68	5.00	ug/L
91-20-3	Naphthalene	37.5		0.50	5.00	ug/L
106-47-8	4-Chloroaniline	20.3		0.84	5.00	ug/L
87-68-3	Hexachlorobutadiene	38.7		0.54	5.00	ug/L
105-60-2	Caprolactam	36.2		1.10	10.0	ug/L
91-57-6	2-Methylnaphthalene	37.6		0.56	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	76.0		3.60	10.0	ug/L
92-52-4	1,1-Biphenyl	41.6		0.53	5.00	ug/L
91-58-7	2-Chloronaphthalene	38.7		0.61	5.00	ug/L
88-74-4	2-Nitroaniline	39.6		1.30	5.00	ug/L
131-11-3	Dimethylphthalate	38.7		0.61	5.00	ug/L
208-96-8	Acenaphthylene	39.2		0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	40.0		0.92	5.00	ug/L
99-09-2	3-Nitroaniline	28.5		1.10	5.00	ug/L
83-32-9	Acenaphthene	38.0		0.55	5.00	ug/L
132-64-9	Dibenzofuran	38.5		0.61	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	40.6		1.20	5.00	ug/L
84-66-2	Diethylphthalate	39.3		0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	38.5		0.68	5.00	ug/L
86-73-7	Fluorene	38.3		0.63	5.00	ug/L
100-01-6	4-Nitroaniline	39.4		1.50	5.00	ug/L

Report of Analysis

Client:	G Environmental		Date Collected:	
Project:	Blanchard		Date Received:	
Client Sample ID:	PB169719BS		SDG No.:	Q3083
Lab Sample ID:	PB169719BS		Matrix:	Water
Analytical Method:	8270E		% Solid:	0
Sample Wt/Vol:	1000	Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:		uL	Test:	SVOCMS Group2
Extraction Type :		Decanted : N	Level :	LOW
Injection Volume :		GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025774.D	1	09/17/25 09:05	09/17/25 20:35	PB169719

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
86-30-6	n-Nitrosodiphenylamine	40.0		0.58	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	40.6		0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	39.1		0.52	5.00	ug/L
1912-24-9	Atrazine	40.7		1.00	5.00	ug/L
85-01-8	Phenanthrene	39.1		0.50	5.00	ug/L
120-12-7	Anthracene	39.5		0.61	5.00	ug/L
86-74-8	Carbazole	39.6		0.72	5.00	ug/L
84-74-2	Di-n-butylphthalate	40.5		1.20	5.00	ug/L
206-44-0	Fluoranthene	38.8		0.82	5.00	ug/L
129-00-0	Pyrene	41.5		0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	41.5		1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	27.8		0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	39.6		0.45	5.00	ug/L
218-01-9	Chrysene	39.8		0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	41.2		1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	39.8		2.30	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	41.8		0.49	5.00	ug/L
207-08-9	Benzo(k)fluoranthene	40.1		0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	40.4		0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	42.8		0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	42.3		0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	43.2		0.69	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	41.5		0.52	5.00	ug/L
123-91-1	1,4-Dioxane	31.8		1.00	5.00	ug/L

SURROGATES

367-12-4	2-Fluorophenol	116	15 (23) - 110 (138)	77%	SPK: 150
13127-88-3	Phenol-d6	109	15 (10) - 110 (134)	73%	SPK: 150
4165-60-0	Nitrobenzene-d5	69.0	30 (67) - 130 (132)	69%	SPK: 100
321-60-8	2-Fluorobiphenyl	68.9	30 (52) - 130 (132)	69%	SPK: 100
118-79-6	2,4,6-Tribromophenol	113	15 (44) - 110 (137)	75%	SPK: 150

Report of Analysis

Client:	G Environmental		Date Collected:	
Project:	Blanchard		Date Received:	
Client Sample ID:	PB169719BS		SDG No.:	Q3083
Lab Sample ID:	PB169719BS		Matrix:	Water
Analytical Method:	8270E		% Solid:	0
Sample Wt/Vol:	1000	Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:		uL	Test:	SVOCMS Group2
Extraction Type :		Decanted : N	Level :	LOW
Injection Volume :		GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025774.D	1	09/17/25 09:05	09/17/25 20:35	PB169719

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1718-51-0	Terphenyl-d14	72.6		30 (42) - 130 (152)	73%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	164000	7.755			
1146-65-2	Naphthalene-d8	643000	10.519			
15067-26-2	Acenaphthene-d10	417000	14.372			
1517-22-2	Phenanthrene-d10	849000	17.172			
1719-03-5	Chrysene-d12	847000	21.624			
1520-96-3	Perylene-d12	873000	24.971			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Blanchard	Date Received:	
Client Sample ID:	PB169719BSD	SDG No.:	Q3083
Lab Sample ID:	PB169719BSD	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group2
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025775.D	1	09/17/25 09:05	09/17/25 21:16	PB169719

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	29.8		3.90	10.0	ug/L
111-44-4	bis(2-Chloroethyl)ether	38.1		0.81	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	37.0		1.30	5.00	ug/L
98-86-2	Acetophenone	40.8		0.74	5.00	ug/L
621-64-7	n-Nitroso-di-n-propylamine	36.4		1.40	2.50	ug/L
67-72-1	Hexachloroethane	38.0		0.65	5.00	ug/L
98-95-3	Nitrobenzene	38.9		0.76	5.00	ug/L
78-59-1	Isophorone	36.9		0.75	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	38.3		0.68	5.00	ug/L
91-20-3	Naphthalene	38.1		0.50	5.00	ug/L
106-47-8	4-Chloroaniline	20.1		0.84	5.00	ug/L
87-68-3	Hexachlorobutadiene	38.7		0.54	5.00	ug/L
105-60-2	Caprolactam	36.6		1.10	10.0	ug/L
91-57-6	2-Methylnaphthalene	37.6		0.56	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	76.9		3.60	10.0	ug/L
92-52-4	1,1-Biphenyl	41.4		0.53	5.00	ug/L
91-58-7	2-Chloronaphthalene	38.8		0.61	5.00	ug/L
88-74-4	2-Nitroaniline	40.3		1.30	5.00	ug/L
131-11-3	Dimethylphthalate	38.7		0.61	5.00	ug/L
208-96-8	Acenaphthylene	39.7		0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	39.5		0.92	5.00	ug/L
99-09-2	3-Nitroaniline	27.5		1.10	5.00	ug/L
83-32-9	Acenaphthene	38.4		0.55	5.00	ug/L
132-64-9	Dibenzofuran	38.3		0.61	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	40.5		1.20	5.00	ug/L
84-66-2	Diethylphthalate	38.9		0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	37.9		0.68	5.00	ug/L
86-73-7	Fluorene	38.1		0.63	5.00	ug/L
100-01-6	4-Nitroaniline	39.3		1.50	5.00	ug/L

Report of Analysis

Client:	G Environmental		Date Collected:	
Project:	Blanchard		Date Received:	
Client Sample ID:	PB169719BSD		SDG No.:	Q3083
Lab Sample ID:	PB169719BSD		Matrix:	Water
Analytical Method:	8270E		% Solid:	0
Sample Wt/Vol:	1000	Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:		uL	Test:	SVOCMS Group2
Extraction Type :		Decanted : N	Level :	LOW
Injection Volume :		GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025775.D	1	09/17/25 09:05	09/17/25 21:16	PB169719

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
86-30-6	n-Nitrosodiphenylamine	40.0		0.58	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	39.9		0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	38.5		0.52	5.00	ug/L
1912-24-9	Atrazine	39.9		1.00	5.00	ug/L
85-01-8	Phenanthrene	39.0		0.50	5.00	ug/L
120-12-7	Anthracene	39.1		0.61	5.00	ug/L
86-74-8	Carbazole	39.4		0.72	5.00	ug/L
84-74-2	Di-n-butylphthalate	39.1		1.20	5.00	ug/L
206-44-0	Fluoranthene	39.3		0.82	5.00	ug/L
129-00-0	Pyrene	41.3		0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	42.1		1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	27.6		0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	40.2		0.45	5.00	ug/L
218-01-9	Chrysene	39.5		0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	41.0		1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	39.2		2.30	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	41.7		0.49	5.00	ug/L
207-08-9	Benzo(k)fluoranthene	42.5		0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	40.7		0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	42.6		0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	42.6		0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	43.3		0.69	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	41.4		0.52	5.00	ug/L
123-91-1	1,4-Dioxane	32.7		1.00	5.00	ug/L

SURROGATES

367-12-4	2-Fluorophenol	116	15 (23) - 110 (138)	78%	SPK: 150
13127-88-3	Phenol-d6	110	15 (10) - 110 (134)	74%	SPK: 150
4165-60-0	Nitrobenzene-d5	69.8	30 (67) - 130 (132)	70%	SPK: 100
321-60-8	2-Fluorobiphenyl	69.9	30 (52) - 130 (132)	70%	SPK: 100
118-79-6	2,4,6-Tribromophenol	113	15 (44) - 110 (137)	76%	SPK: 150

Report of Analysis

Client:	G Environmental		Date Collected:	
Project:	Blanchard		Date Received:	
Client Sample ID:	PB169719BSD		SDG No.:	Q3083
Lab Sample ID:	PB169719BSD		Matrix:	Water
Analytical Method:	8270E		% Solid:	0
Sample Wt/Vol:	1000	Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:		uL	Test:	SVOCMS Group2
Extraction Type :		Decanted : N	Level :	LOW
Injection Volume :		GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025775.D	1	09/17/25 09:05	09/17/25 21:16	PB169719

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1718-51-0	Terphenyl-d14	72.7		30 (42) - 130 (152)	73%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	165000	7.755			
1146-65-2	Naphthalene-d8	637000	10.525			
15067-26-2	Acenaphthene-d10	414000	14.372			
1517-22-2	Phenanthrene-d10	845000	17.178			
1719-03-5	Chrysene-d12	850000	21.63			
1520-96-3	Perylene-d12	857000	24.983			

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_P\Methods\
Method File : 8270E-BP091225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Sep 11 16:45:04 2025
Response Via : Initial Calibration

Calibration Files

2.5 =BP025725.D 5 =BP025726.D 10 =BP025727.D 20 =BP025728.D 40 =BP025729.D 50 =BP025733.D 60 =BP025731.D 80 =BP025732.D

Compound		2.5	5	10	20	40	50	60	80	Avg	%RSD

1) I	1,4-Dichlorobenzen...	-----ISTD-----									
2)	1,4-Dioxane	0.565	0.497	0.558	0.546	0.514	0.493	0.469	0.520	7.02	
3)	Pyridine	1.376	1.317	1.526	1.566	1.464	1.400	1.380	1.432	6.23	
4)	n-Nitrosodimet...		0.639	0.715	0.721	0.680	0.652	0.648	0.676	5.26	
5) S	2-Fluorophenol	1.139	1.123	1.320	1.362	1.282	1.238	1.213	1.240	7.19	
6)	Aniline	1.980	1.981	2.462	2.509	2.372	2.265	2.263	2.262	9.42	
7) S	Phenol-d6	1.391	1.460	1.793	1.861	1.726	1.658	1.643	1.648	10.33	
8)	2-Chlorophenol	1.229	1.196	1.448	1.508	1.410	1.366	1.361	1.360	8.28	
9)	Benzaldehyde		1.037	0.748	0.875	1.207	1.077	0.981	0.987	16.23	
10) C	Phenol	1.512	1.525	1.848	1.964	1.819	1.751	1.741	1.737	9.59	
11)	bis(2-Chloroet...	1.313	1.222	1.508	1.555	1.438	1.368	1.365	1.396	8.20	
12)	1,3-Dichlorobe...	1.550	1.447	1.662	1.674	1.548	1.489	1.464	1.548	5.87	
13) C	1,4-Dichlorobe...	1.550	1.475	1.698	1.690	1.590	1.539	1.492	1.576	5.63	
14)	1,2-Dichlorobe...	1.529	1.432	1.634	1.653	1.542	1.485	1.445	1.531	5.64	
15)	Benzyl Alcohol		1.092	1.425	1.510	1.411	1.350	1.380	1.361	10.49	
16)	2,2'-oxybis(1-...	2.241	2.133	2.476	2.493	2.291	2.164	2.179	2.282	6.47	
17)	2-Methylphenol	0.973	1.030	1.268	1.319	1.231	1.185	1.192	1.171	10.72	
18)	Hexachloroethane	0.603	0.557	0.633	0.647	0.609	0.588	0.579	0.602	5.18	
19) P	n-Nitroso-di-n...	0.961	1.032	1.047	1.300	1.320	1.230	1.151	1.151	1.149	11.29
20)	3+4-Methylphenols		1.352	1.721	1.819	1.693	1.625	1.633	1.640	9.62	
21) I	Naphthalene-d8	-----ISTD-----									
22)	Acetophenone	0.474	0.488	0.583	0.588	0.550	0.538	0.520	0.534	8.19	
23) S	Nitrobenzene-d5	0.416	0.410	0.490	0.496	0.467	0.455	0.440	0.453	7.43	
24)	Nitrobenzene	0.366	0.363	0.440	0.449	0.418	0.411	0.400	0.407	8.15	
25)	Isophorone	0.737	0.726	0.862	0.860	0.815	0.791	0.787	0.797	6.76	
26) C	2-Nitrophenol	0.141	0.154	0.190	0.203	0.193	0.192	0.192	0.181	12.86	
27)	2,4-Dimethylph...	0.263	0.286	0.345	0.356	0.327	0.320	0.320	0.317	10.24	
28)	bis(2-Chloroet...	0.414	0.423	0.510	0.498	0.474	0.452	0.453	0.461	7.83	
29) C	2,4-Dichloroph...	0.267	0.270	0.339	0.349	0.337	0.327	0.323	0.316	10.66	
30)	1,2,4-Trichlor...	0.355	0.335	0.377	0.378	0.357	0.346	0.343	0.356	4.60	
31)	Naphthalene	1.072	1.028	1.164	1.147	1.084	1.044	1.010	1.078	5.41	
32)	Benzoic acid		0.170	0.214	0.261	0.253	0.257	0.259	0.236	15.62	
33)	4-Chloroaniline	0.343	0.391	0.489	0.510	0.477	0.465	0.471	0.449	13.27	
34) C	Hexachlorobuta...	0.226	0.219	0.247	0.242	0.227	0.226	0.217	0.229	4.97	
35)	Caprolactam		0.105	0.127	0.132	0.123	0.120	0.123	0.122	7.52	
36) C	4-Chloro-3-met...	0.328	0.338	0.406	0.414	0.394	0.377	0.380	0.377	8.72	
37)	2-Methylnaphth...	0.662	0.639	0.758	0.747	0.698	0.677	0.666	0.693	6.47	
38)	1-Methylnaphth...	0.726	0.691	0.807	0.800	0.731	0.713	0.703	0.739	6.25	

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
 Method File : 8270E-BP091225.M

39) I	Acenaphthene-d10	-----ISTD-----									
40)	1,2,4,5-Tetrac...	0.590	0.561	0.653	0.660	0.607	0.604	0.568	0.606	6.33	
41) P	Hexachlorocycl...	0.225	0.326	0.380	0.351	0.347	0.351	0.330		16.40	
42) S	2,4,6-Tribromo...	0.227	0.227	0.270	0.277	0.250	0.249	0.246	0.249	7.67	
43) C	2,4,6-Trichlor...	0.340	0.354	0.435	0.445	0.409	0.409	0.397	0.398	9.86	
44)	2,4,5-Trichlor...	0.375	0.389	0.482	0.501	0.459	0.457	0.441	0.443	10.43	
45) S	2-Fluorobiphenyl	1.563	1.470	1.655	1.596	1.479	1.434	1.318	1.502	7.50	
46)	1,1'-Biphenyl	1.458	1.375	1.599	1.587	1.465	1.425	1.366	1.468	6.37	
47)	2-Chloronaphth...	1.140	1.090	1.252	1.240	1.164	1.132	1.073	1.156	5.96	
48)	2-Nitroaniline	0.309	0.332	0.416	0.439	0.399	0.402	0.401	0.385	12.14	
49)	Acenaphthylene	1.877	1.791	2.095	2.058	1.904	1.871	1.810	1.915	6.12	
50)	Dimethylphthalate	1.545	1.433	1.682	1.659	1.493	1.446	1.430	1.527	6.95	
51)	2,6-Dinitrotol...	0.286	0.291	0.353	0.358	0.329	0.330	0.318	0.324	8.57	
52) C	Acenaphthene	1.129	1.052	1.207	1.195	1.084	1.055	1.010	1.104	6.80	
53)	3-Nitroaniline	0.266	0.282	0.370	0.394	0.358	0.357	0.355	0.340	13.91	
54) P	2,4-Dinitrophenol	0.108	0.173	0.209	0.201	0.201	0.209	0.183		21.35	
55)	Dibenzofuran	1.834	1.754	1.967	1.922	1.766	1.719	1.640	1.800	6.39	
56) P	4-Nitrophenol	0.148	0.255	0.307	0.273	0.280	0.288	0.258		22.01	
57)	2,4-Dinitrotol...	0.382	0.398	0.501	0.521	0.484	0.471	0.467	0.460	11.27	
58)	Fluorene	1.485	1.382	1.579	1.546	1.385	1.350	1.292	1.431	7.46	
59)	2,3,4,6-Tetrac...	0.362	0.361	0.434	0.446	0.404	0.393	0.395	0.399	8.21	
60)	Diethylphthalate	1.573	1.472	1.697	1.644	1.518	1.473	1.465	1.549	5.98	
61)	4-Chlorophenyl...	0.755	0.699	0.791	0.769	0.704	0.681	0.651	0.721	7.07	
62)	4-Nitroaniline	0.258	0.281	0.381	0.404	0.373	0.376	0.365	0.349	15.91	
63)	Azobenzene	1.421	1.383	1.648	1.643	1.510	1.468	1.410	1.498	7.29	
64) I	Phenanthrene-d10	-----ISTD-----									
65)	4,6-Dinitro-2-...	0.093	0.135	0.151	0.143	0.137	0.139	0.133		15.14	
66) c	n-Nitrosodiphe...	0.597	0.573	0.681	0.664	0.628	0.594	0.547	0.612	7.88	
67)	4-Bromophenyl-...	0.213	0.202	0.240	0.238	0.226	0.213	0.205	0.220	6.85	
68)	Hexachlorobenzene	0.243	0.230	0.266	0.261	0.248	0.236	0.231	0.245	5.77	
69)	Atrazine	0.215	0.210	0.260	0.260	0.240	0.227	0.227	0.234	8.54	
70) C	Pentachlorophenol	0.132	0.168	0.179	0.167	0.161	0.163	0.162		9.85	
71)	Phenanthrene	1.163	1.095	1.247	1.213	1.131	1.065	1.027	1.135	6.96	
72)	Anthracene	1.120	1.086	1.280	1.237	1.183	1.107	1.044	1.151	7.39	
73)	Carbazole	0.994	0.998	1.185	1.173	1.105	1.038	0.999	1.070	7.82	
74)	Di-n-butylphth...	1.232	1.213	1.468	1.438	1.339	1.281	1.220	1.313	8.00	
75) C	Fluoranthene	1.387	1.294	1.511	1.447	1.351	1.293	1.242	1.361	6.96	
76) I	Chrysene-d12	-----ISTD-----									
77)	Benzidine	0.523	0.537	0.653	0.631	0.578	0.536	0.576		9.47	
78)	Pyrene	1.307	1.243	1.444	1.430	1.337	1.308	1.274	1.335	5.71	
79) S	Terphenyl-d14	1.133	1.093	1.198	1.177	1.111	1.054	1.017	1.112	5.78	
80)	Butylbenzylpht...	0.519	0.511	0.636	0.647	0.608	0.587	0.588	0.585	9.02	
81)	Benzo(a)anthra...	1.346	1.302	1.471	1.453	1.378	1.330	1.305	1.369	5.02	
82)	3,3'-Dichlorob...	0.425	0.499	0.518	0.488	0.468	0.442	0.473		7.45	
83)	Chrysene	1.316	1.253	1.397	1.375	1.317	1.268	1.210	1.305	5.11	
84)	Bis(2-ethylhex...	0.800	0.781	0.930	0.945	0.861	0.857	0.818	0.856	7.31	
85) c	Di-n-octyl pht...	1.315	1.604	1.670	1.531	1.513	1.504	1.523		7.87	

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP091225.M

86) I	Perylene-d12	-----ISTD-----								
87)	Indeno(1,2,3-c...	1.340	1.334	1.533	1.596	1.506	1.485	1.386	1.454	6.99
88)	Benzo(b)fluora...	1.124	1.145	1.304	1.336	1.252	1.216	1.186	1.223	6.45
89)	Benzo(k)fluora...	1.228	1.170	1.367	1.341	1.258	1.220	1.151	1.248	6.51
90) C	Benzo(a)pyrene	1.131	1.100	1.276	1.307	1.221	1.208	1.141	1.198	6.45
91)	Dibenzo(a,h)an...	1.116	1.075	1.254	1.297	1.239	1.208	1.143	1.190	6.79
92)	Benzo(g,h,i)pe...	1.090	1.078	1.225	1.267	1.210	1.197	1.125	1.170	6.20

(#) = Out of Range

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>GENV01</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3083</u>
Instrument ID:	<u>BNA_P</u>	Calibration Date/Time:	<u>09/17/2025 12:03</u>
Lab File ID:	<u>BP025769.D</u>	Init. Calib. Date(s):	<u>09/11/2025 09/11/2025</u>
EPA Sample No.:	<u>SSTDCCC040</u>	Init. Calib. Time(s):	<u>08:56 15:20</u>
GC Column:	<u>ZB-GR</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.240	1.323		6.7	
Benzaldehyde	0.987	0.805		-18.4	
Phenol-d6	1.648	1.712		3.9	
bis(2-Chloroethyl)ether	1.396	1.387		-0.6	
2,2-oxybis(1-Chloropropane)	2.283	2.159		-5.4	
Acetophenone	0.534	0.569		6.6	
n-Nitroso-di-n-propylamine	1.149	1.140	0.050	-0.8	
Nitrobenzene-d5	0.453	0.476		5.1	
Hexachloroethane	0.602	0.622		3.3	
Nitrobenzene	0.407	0.429		5.4	
Isophorone	0.797	0.808		1.4	
bis(2-Chloroethoxy)methane	0.461	0.479		3.9	
Naphthalene	1.078	1.121		4.0	
4-Chloroaniline	0.449	0.481		7.1	
Hexachlorobutadiene	0.229	0.248		8.3	20.0
Caprolactam	0.122	0.120		-1.6	
2-Methylnaphthalene	0.693	0.712		2.7	
Hexachlorocyclopentadiene	0.330	0.341	0.050	3.3	
2-Fluorobiphenyl	1.502	1.618		7.7	
1,1-Biphenyl	1.468	1.574		7.2	
2-Chloronaphthalene	1.156	1.235		6.8	
2-Nitroaniline	0.385	0.413		7.3	
Dimethylphthalate	1.527	1.567		2.6	
Acenaphthylene	1.915	2.027		5.8	
2,6-Dinitrotoluene	0.324	0.343		5.9	
3-Nitroaniline	0.340	0.368		8.2	
Acenaphthene	1.104	1.149		4.1	20.0
Dibenzofuran	1.800	1.852		2.9	
2,4-Dinitrotoluene	0.460	0.502		9.1	
Diethylphthalate	1.549	1.581		2.1	
4-Chlorophenyl-phenylether	0.721	0.742		2.9	
Fluorene	1.431	1.476		3.1	
4-Nitroaniline	0.349	0.388		11.2	
n-Nitrosodiphenylamine	0.612	0.647		5.7	20.0
2,4,6-Tribromophenol	0.249	0.276		10.8	
4-Bromophenyl-phenylether	0.220	0.239		8.6	
Hexachlorobenzene	0.245	0.263		7.3	
Atrazine	0.234	0.248		6.0	
Phenanthrene	1.135	1.161		2.3	

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: GENV01
Lab Code: ACE SDG No.: Q3083
Instrument ID: BNA_P Calibration Date/Time: 09/17/2025 12:03
Lab File ID: BP025769.D Init. Calib. Date(s): 09/11/2025 09/11/2025
EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 08:56 15:20
GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Anthracene	1.151	1.199		4.2	
Carbazole	1.070	1.109		3.6	
Di-n-butylphthalate	1.313	1.370		4.3	
Fluoranthene	1.361	1.439		5.7	20.0
Pyrene	1.335	1.370		2.6	
Terphenyl-d14	1.112	1.118		0.5	
Butylbenzylphthalate	0.585	0.610		4.3	
3,3-Dichlorobenzidine	0.473	0.529		11.8	
Benzo (a) anthracene	1.369	1.426		4.2	
Chrysene	1.305	1.368		4.8	
Bis (2-ethylhexyl) phthalate	0.856	0.891		4.1	
Di-n-octyl phthalate	1.523	1.585		4.1	20.0
Benzo (b) fluoranthene	1.223	1.305		6.6	
Benzo (k) fluoranthene	1.248	1.260		1.0	
Benzo (a) pyrene	1.198	1.252		4.5	20.0
Indeno (1,2,3-cd) pyrene	1.454	1.599		10.0	
Dibenzo (a,h) anthracene	1.190	1.306		9.7	
Benzo (g,h,i) perylene	1.171	1.261		7.7	
1,2,4,5-Tetrachlorobenzene	0.606	0.677		11.7	
1,4-Dioxane	0.520	0.547		5.2	20.0

All other compounds must meet a minimum RRF of 0.010.

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name:	<u>Alliance</u>	Contract:	<u>GENV01</u>
Lab Code:	<u>ACE</u>	SDG No.:	<u>Q3083</u>
Instrument ID:	<u>BNA_P</u>	Calibration Date/Time:	<u>09/19/2025 10:12</u>
Lab File ID:	<u>BP025792.D</u>	Init. Calib. Date(s):	<u>09/11/2025 09/11/2025</u>
EPA Sample No.:	<u>SSTDCCC040</u>	Init. Calib. Time(s):	<u>08:56 15:20</u>
GC Column:	<u>ZB-GR</u>	ID:	<u>0.25</u> (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.240	1.228		-1.0	
Benzaldehyde	0.987	1.065		7.9	
Phenol-d6	1.648	1.562		-5.2	
bis(2-Chloroethyl)ether	1.396	1.332		-4.6	
2,2-oxybis(1-Chloropropane)	2.283	2.240		-1.9	
Acetophenone	0.534	0.523		-2.1	
n-Nitroso-di-n-propylamine	1.149	1.058	0.050	-7.9	
Nitrobenzene-d5	0.453	0.446		-1.5	
Hexachloroethane	0.602	0.587		-2.5	
Nitrobenzene	0.407	0.402		-1.2	
Isophorone	0.797	0.758		-4.9	
bis(2-Chloroethoxy)methane	0.461	0.460		-0.2	
Naphthalene	1.078	1.036		-3.9	
4-Chloroaniline	0.449	0.439		-2.2	
Hexachlorobutadiene	0.229	0.218		-4.8	20.0
Caprolactam	0.122	0.108		-11.5	
2-Methylnaphthalene	0.693	0.653		-5.8	
Hexachlorocyclopentadiene	0.330	0.324	0.050	-1.8	
2-Fluorobiphenyl	1.502	1.472		-2.0	
1,1-Biphenyl	1.468	1.478		0.7	
2-Chloronaphthalene	1.156	1.140		-1.4	
2-Nitroaniline	0.385	0.388		0.8	
Dimethylphthalate	1.527	1.459		-4.5	
Acenaphthylene	1.915	1.848		-3.5	
2,6-Dinitrotoluene	0.324	0.327		0.9	
3-Nitroaniline	0.340	0.339		-0.3	
Acenaphthene	1.104	1.057		-4.3	20.0
Dibenzofuran	1.800	1.711		-4.9	
2,4-Dinitrotoluene	0.460	0.457		-0.7	
Diethylphthalate	1.549	1.476		-4.7	
4-Chlorophenyl-phenylether	0.721	0.669		-7.2	
Fluorene	1.431	1.343		-6.2	
4-Nitroaniline	0.349	0.351		0.6	
n-Nitrosodiphenylamine	0.612	0.616		0.7	20.0
2,4,6-Tribromophenol	0.249	0.234		-6.0	
4-Bromophenyl-phenylether	0.220	0.220		0.0	
Hexachlorobenzene	0.245	0.236		-3.7	
Atrazine	0.234	0.230		-1.7	
Phenanthrene	1.135	1.108		-2.4	

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: GENV01
Lab Code: ACE SDG No.: Q3083
Instrument ID: BNA_P Calibration Date/Time: 09/19/2025 10:12
Lab File ID: BP025792.D Init. Calib. Date(s): 09/11/2025 09/11/2025
EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 08:56 15:20
GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Anthracene	1.151	1.139		-1.0	
Carbazole	1.070	1.053		-1.6	
Di-n-butylphthalate	1.313	1.304		-0.7	
Fluoranthene	1.361	1.339		-1.6	20.0
Pyrene	1.335	1.325		-0.7	
Terphenyl-d14	1.112	1.080		-2.9	
Butylbenzylphthalate	0.585	0.598		2.2	
3,3-Dichlorobenzidine	0.473	0.476		0.6	
Benzo(a)anthracene	1.369	1.318		-3.7	
Chrysene	1.305	1.279		-2.0	
Bis(2-ethylhexyl)phthalate	0.856	0.864		0.9	
Di-n-octyl phthalate	1.523	1.524		0.1	20.0
Benzo(b)fluoranthene	1.223	1.214		-0.7	
Benzo(k)fluoranthene	1.248	1.232		-1.3	
Benzo(a)pyrene	1.198	1.179		-1.6	20.0
Indeno(1,2,3-cd)pyrene	1.454	1.449		-0.3	
Dibenzo(a,h)anthracene	1.190	1.182		-0.7	
Benzo(g,h,i)perylene	1.171	1.167		-0.3	
1,2,4,5-Tetrachlorobenzene	0.606	0.607		0.2	
1,4-Dioxane	0.520	0.520		0.0	20.0

All other compounds must meet a minimum RRF of 0.010.



SAMPLE RAW DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
 Data File : BP025797.D
 Acq On : 19 Sep 2025 13:43
 Operator : CG/JU
 Sample : Q3083-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW3S

Quant Time: Sep 19 14:04:07 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:45:04 2025
 Response via : Initial Calibration

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

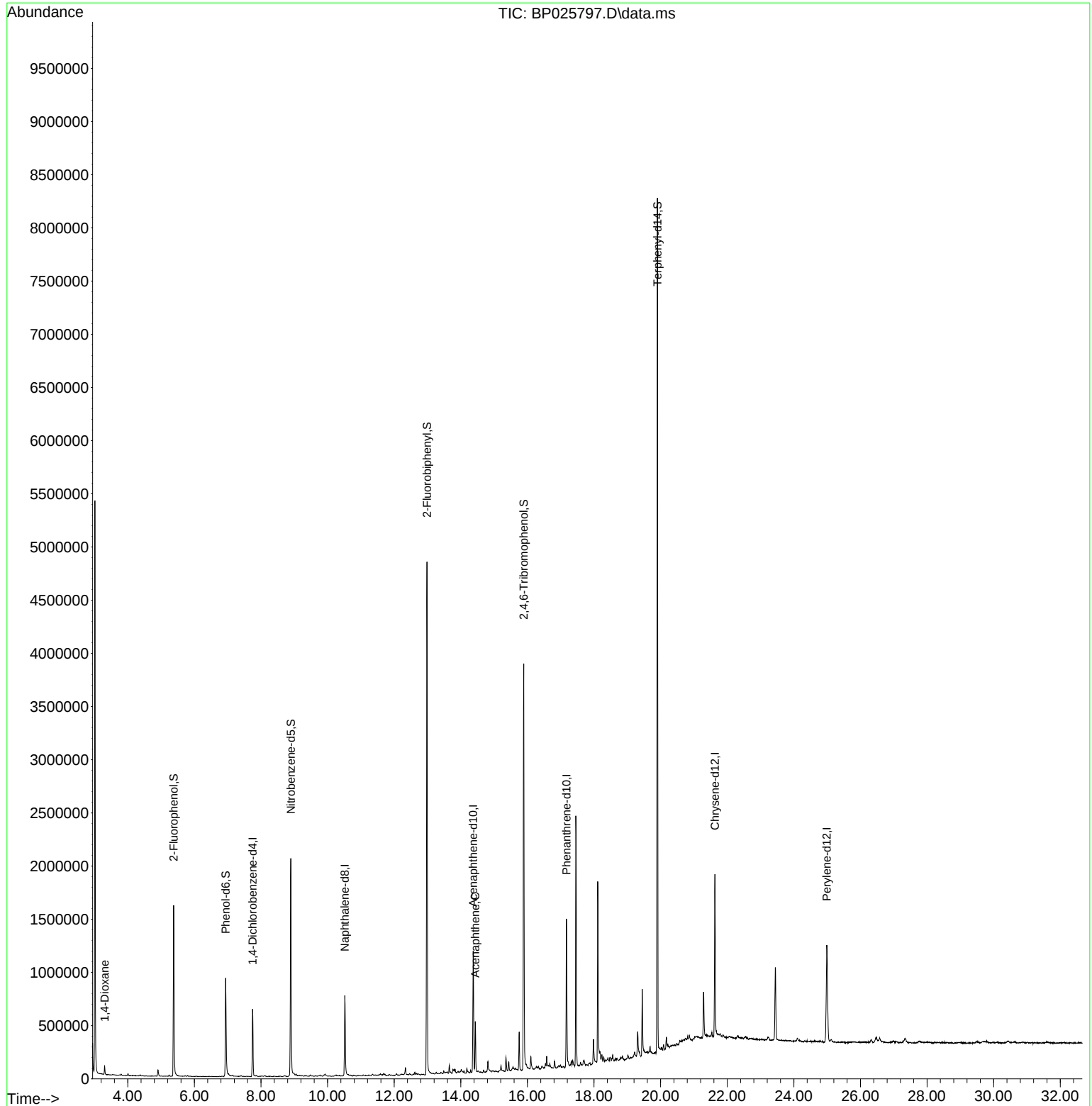
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.749	152	169135	20.000	ng	-0.01
21) Naphthalene-d8	10.519	136	657250	20.000	ng	0.00
39) Acenaphthene-d10	14.372	164	437837	20.000	ng	0.00
64) Phenanthrene-d10	17.172	188	872207	20.000	ng	-0.01
76) Chrysene-d12	21.630	240	884935	20.000	ng	-0.01
86) Perylene-d12	24.989	264	933835	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.378	112	720817	68.766	ng	0.00
7) Phenol-d6	6.943	99	629553	45.185	ng	0.00
23) Nitrobenzene-d5	8.896	82	1247975	83.757	ng	0.00
42) 2,4,6-Tribromophenol	15.890	330	686510	125.708	ng	-0.02
45) 2-Fluorobiphenyl	12.984	172	2680828	81.527	ng	0.00
79) Terphenyl-d14	19.901	244	3985084	81.013	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.308	88	37284	8.475	ng	# 82
52) Acenaphthene	14.437	154	167497	6.927	ng	99

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

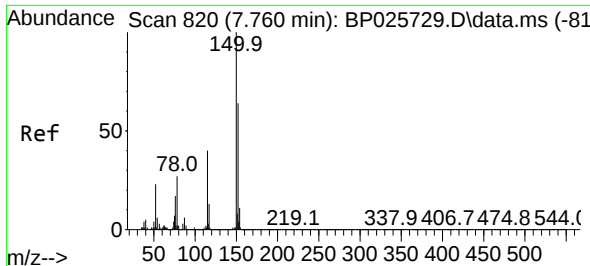
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Data File : BP025797.D
Acq On : 19 Sep 2025 13:43
Operator : CG/JU
Sample : Q3083-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW3S

Quant Time: Sep 19 14:04:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

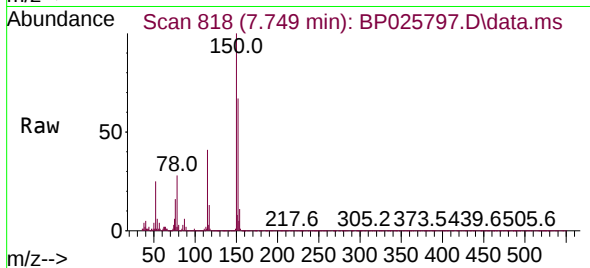


A
B
C
D
E
F
G
H
I
J
K

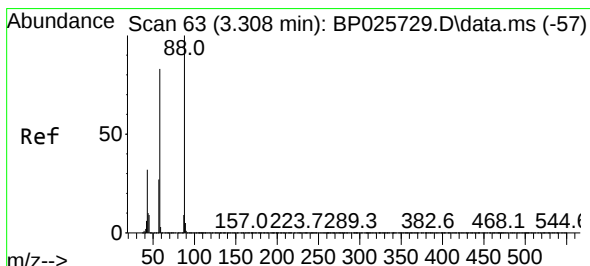
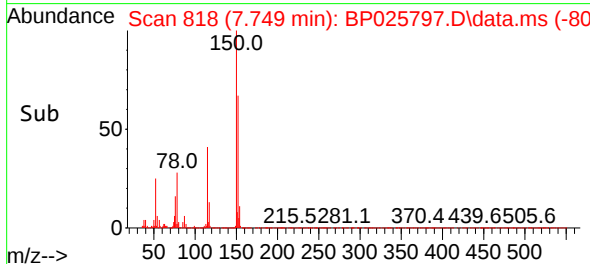
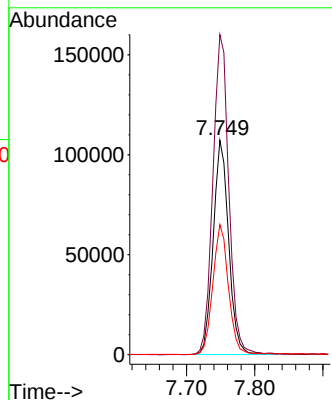


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.749 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP025797.D
Acq: 19 Sep 2025 13:43

Instrument :
BNA_P
ClientSampleId :
MW3S

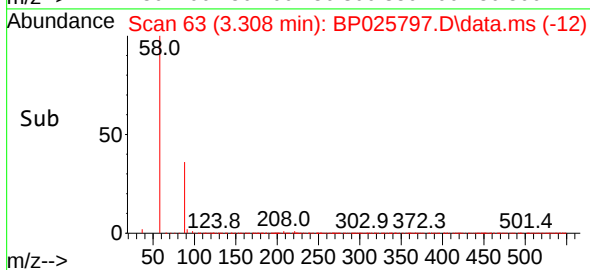
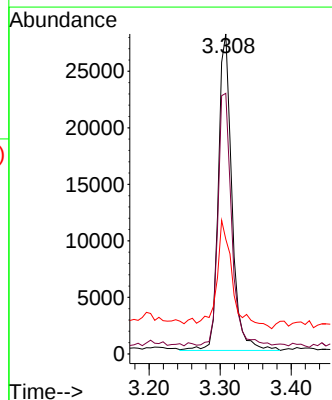
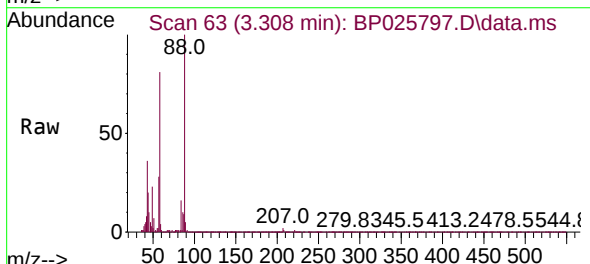


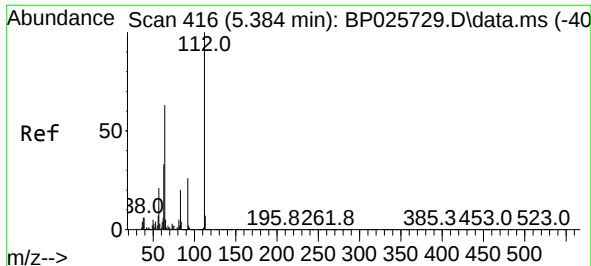
Tgt Ion:152 Resp: 169135
Ion Ratio Lower Upper
152 100
150 149.3 124.3 186.5
115 60.7 50.3 75.5



#2
1,4-Dioxane
Concen: 8.475 ng
RT: 3.308 min Scan# 63
Delta R.T. 0.000 min
Lab File: BP025797.D
Acq: 19 Sep 2025 13:43

Tgt Ion: 88 Resp: 37284
Ion Ratio Lower Upper
88 100
58 79.6 65.5 98.3
43 0.0 25.2 37.8

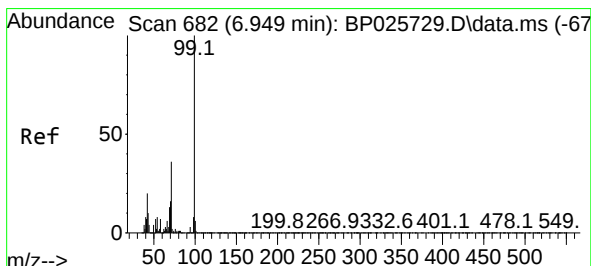
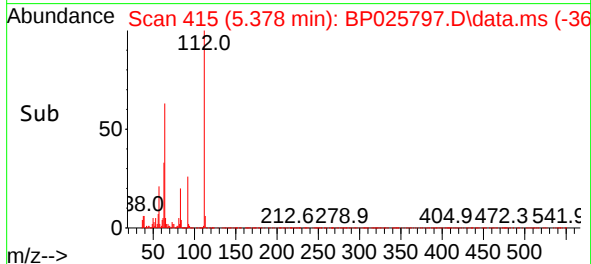
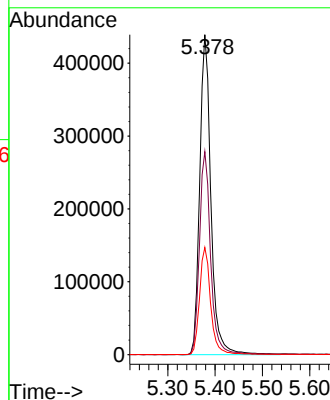
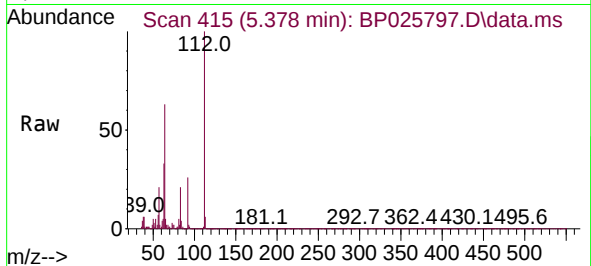




#5
2-Fluorophenol
Concen: 68.766 ng
RT: 5.378 min Scan# 416
Delta R.T. -0.006 min
Lab File: BP025797.D
Acq: 19 Sep 2025 13:43

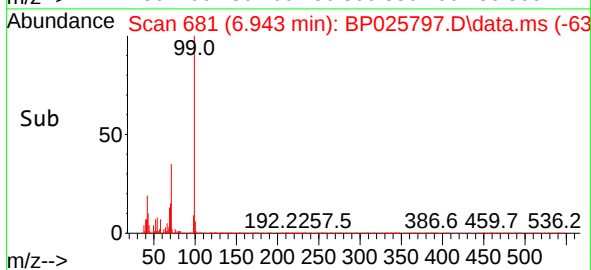
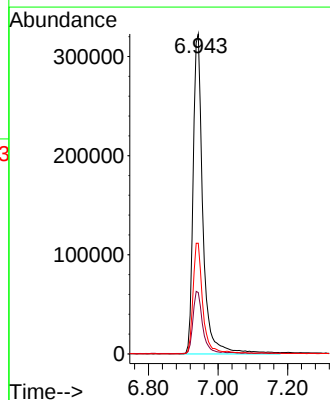
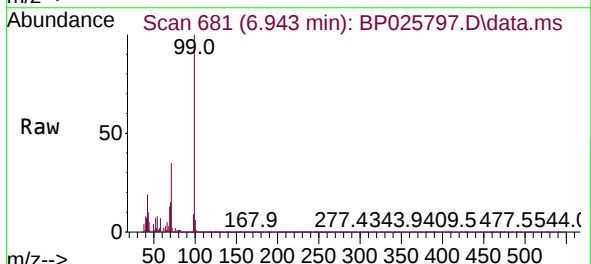
Instrument :
BNA_P
ClientSampleId :
MW3S

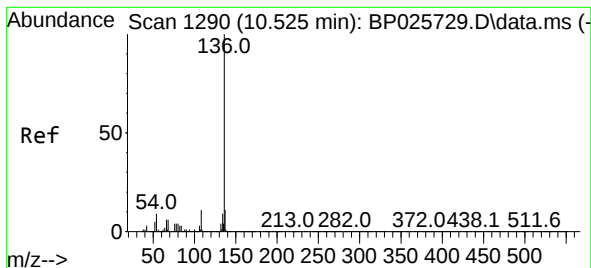
Tgt Ion:112 Resp: 720817
Ion Ratio Lower Upper
112 100
64 63.4 50.2 75.4
63 33.5 26.7 40.1



#7
Phenol-d6
Concen: 45.185 ng
RT: 6.943 min Scan# 681
Delta R.T. -0.006 min
Lab File: BP025797.D
Acq: 19 Sep 2025 13:43

Tgt Ion: 99 Resp: 629553
Ion Ratio Lower Upper
99 100
42 19.2 15.6 23.4
71 34.6 28.6 43.0

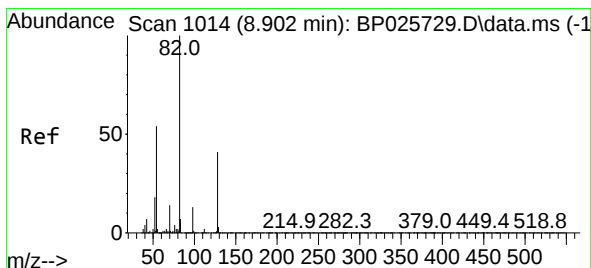
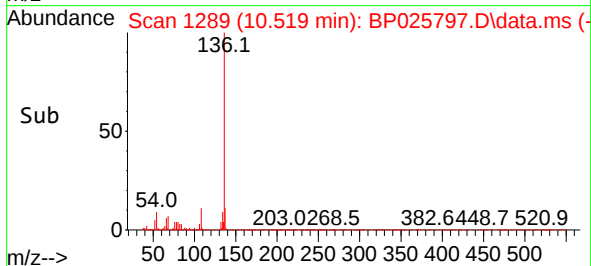
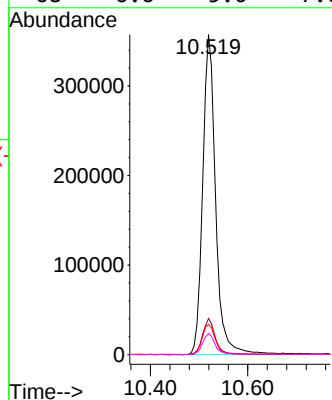
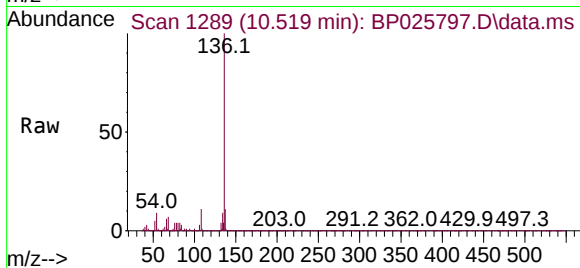




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.519 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP025797.D
Acq: 19 Sep 2025 13:43

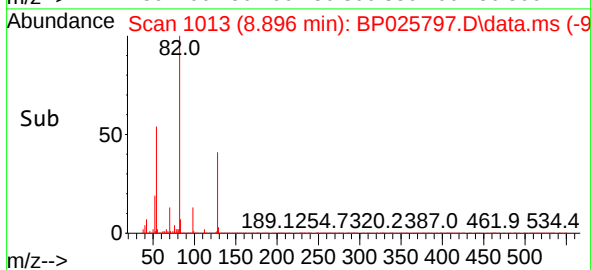
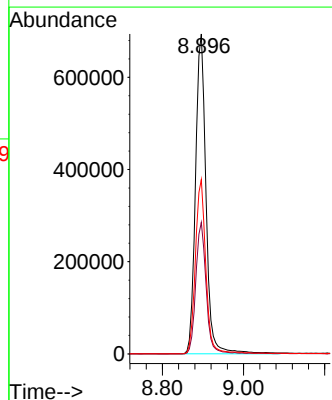
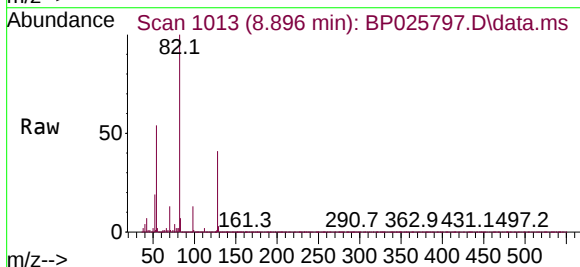
Instrument :
BNA_P
ClientSampleId :
MW3S

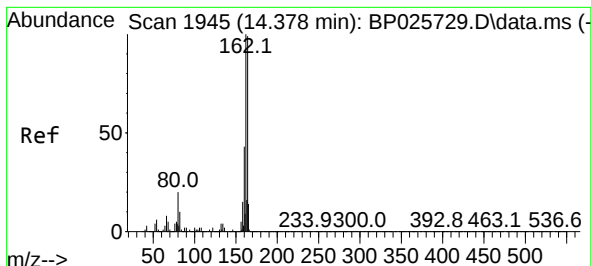
Tgt Ion:	136	Resp:	657250
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	9.5	7.5	11.3
68	6.6	5.0	7.6



#23
Nitrobenzene-d5
Concen: 83.757 ng
RT: 8.896 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BP025797.D
Acq: 19 Sep 2025 13:43

Tgt Ion:	82	Resp:	1247975
Ion	Ratio	Lower	Upper
82	100		
128	41.1	32.9	49.3
54	54.5	43.4	65.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.372 min Scan# 1945

Delta R.T. -0.006 min

Lab File: BP025797.D

Acq: 19 Sep 2025 13:43

Instrument :

BNA_P

ClientSampleId :

MW3S

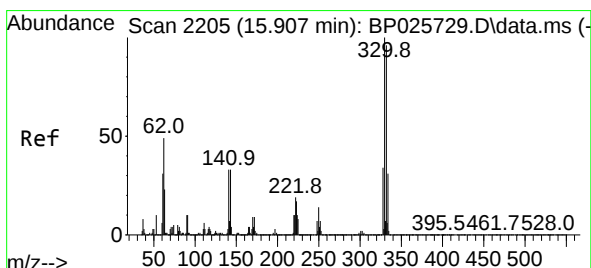
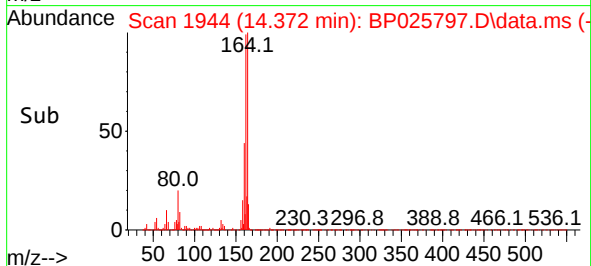
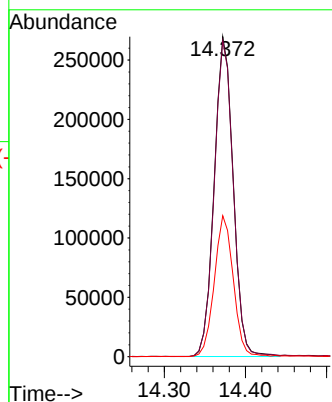
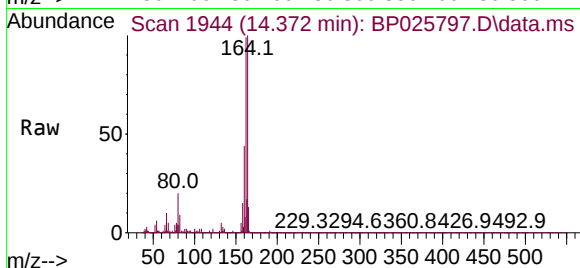
Tgt Ion:164 Resp: 437837

Ion Ratio Lower Upper

164 100

162 98.7 80.6 120.8

160 44.0 35.0 52.6



#42

2,4,6-Tribromophenol

Concen: 125.708 ng

RT: 15.890 min Scan# 2202

Delta R.T. -0.018 min

Lab File: BP025797.D

Acq: 19 Sep 2025 13:43

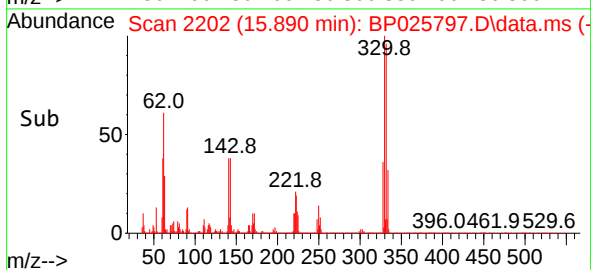
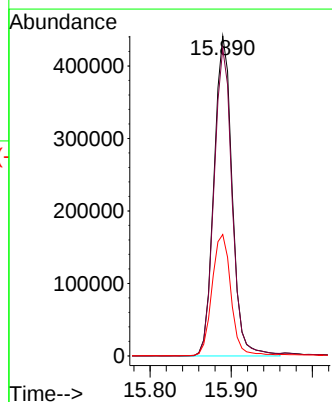
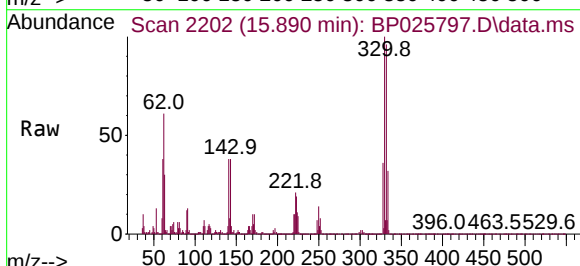
Tgt Ion:330 Resp: 686510

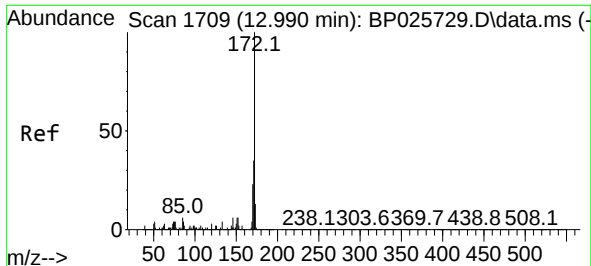
Ion Ratio Lower Upper

330 100

332 95.9 76.9 115.3

141 39.4 31.0 46.4

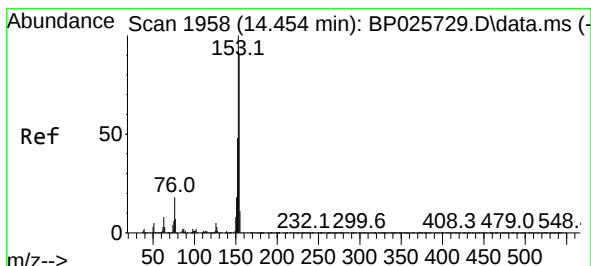
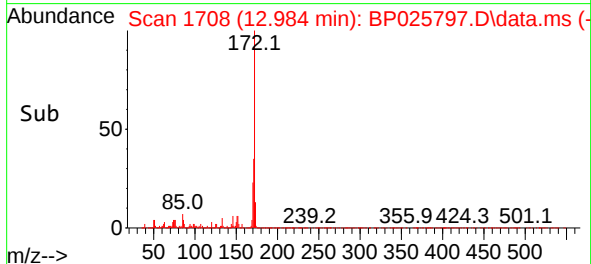
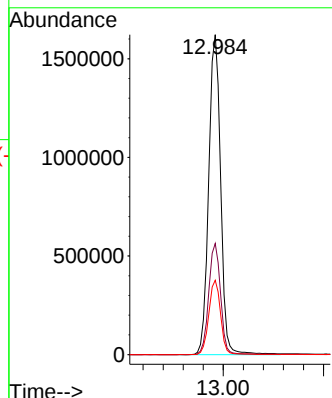
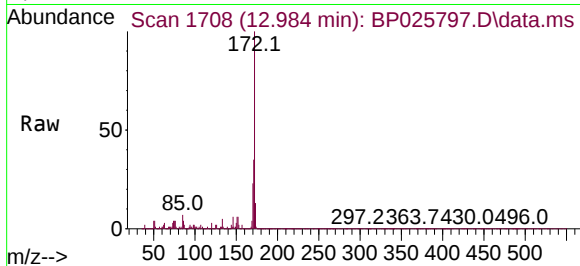




#45
2-Fluorobiphenyl
Concen: 81.527 ng
RT: 12.984 min Scan# 1708
Delta R.T. -0.006 min
Lab File: BP025797.D
Acq: 19 Sep 2025 13:43

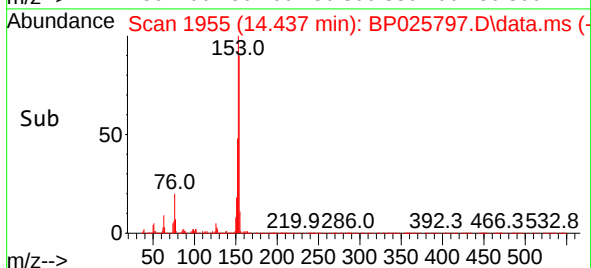
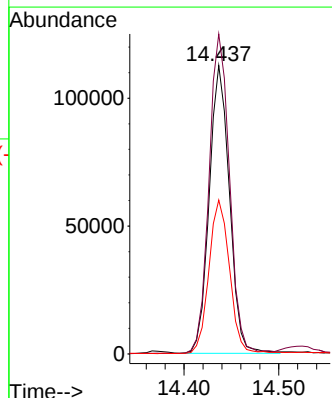
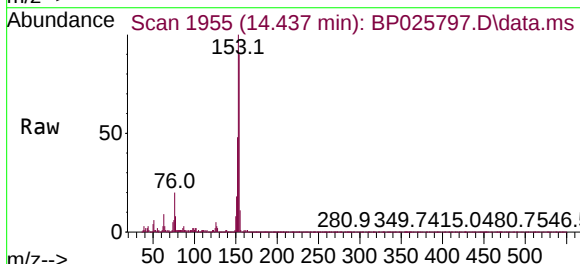
Instrument :
BNA_P
ClientSampleId :
MW3S

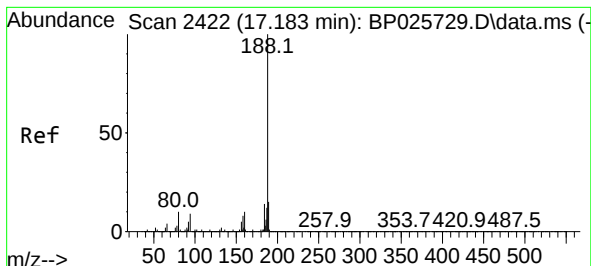
Tgt Ion:172 Resp: 2680828
Ion Ratio Lower Upper
172 100
171 34.8 27.8 41.6
170 23.2 18.6 27.8



#52
Acenaphthene
Concen: 6.927 ng
RT: 14.437 min Scan# 1955
Delta R.T. -0.018 min
Lab File: BP025797.D
Acq: 19 Sep 2025 13:43

Tgt Ion:154 Resp: 167497
Ion Ratio Lower Upper
154 100
153 111.0 89.4 134.0
152 53.3 42.5 63.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.172 min Scan# 24

Delta R.T. -0.012 min

Lab File: BP025797.D

Acq: 19 Sep 2025 13:43

Instrument :

BNA_P

ClientSampleId :

MW3S

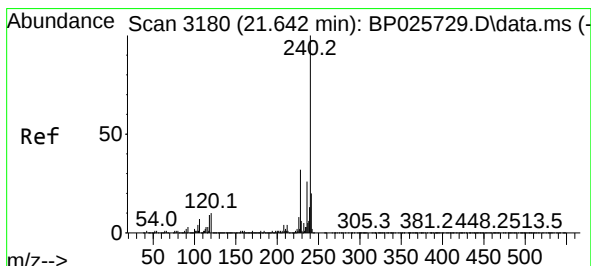
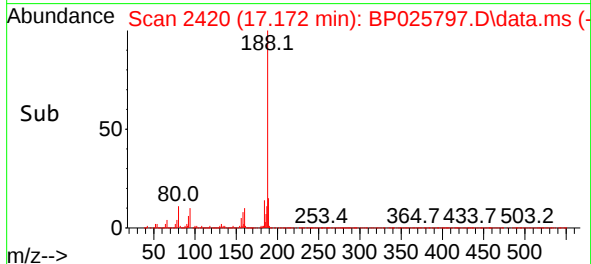
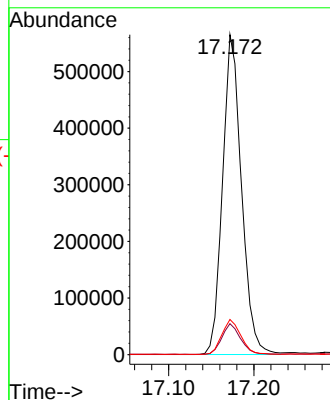
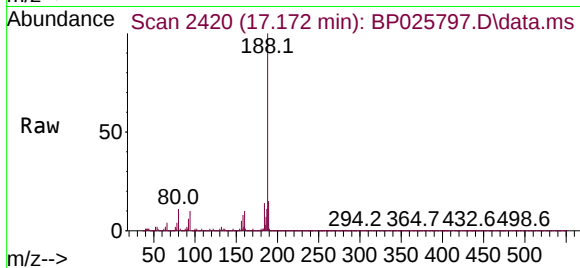
Tgt Ion:188 Resp: 872207

Ion Ratio Lower Upper

188 100

94 9.7 7.4 11.0

80 11.0 7.7 11.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.630 min Scan# 3178

Delta R.T. -0.012 min

Lab File: BP025797.D

Acq: 19 Sep 2025 13:43

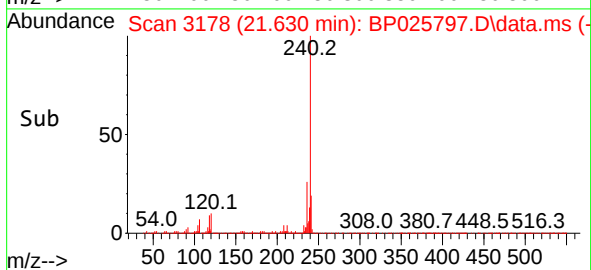
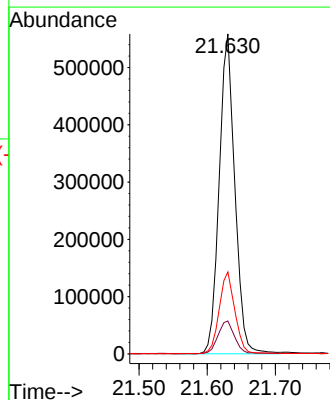
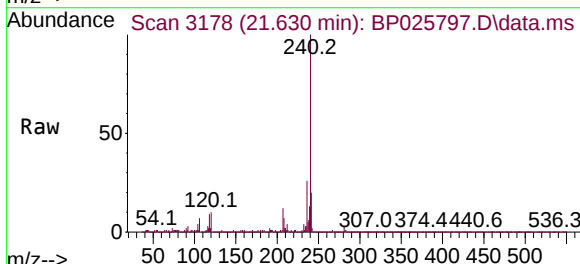
Tgt Ion:240 Resp: 884935

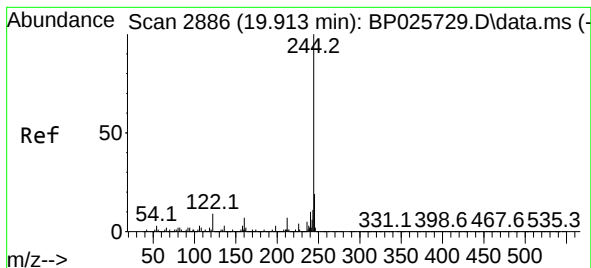
Ion Ratio Lower Upper

240 100

120 10.3 8.0 12.0

236 25.6 20.7 31.1





#79

Terphenyl-d14

Concen: 81.013 ng

RT: 19.901 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP025797.D

Acq: 19 Sep 2025 13:43

Instrument :

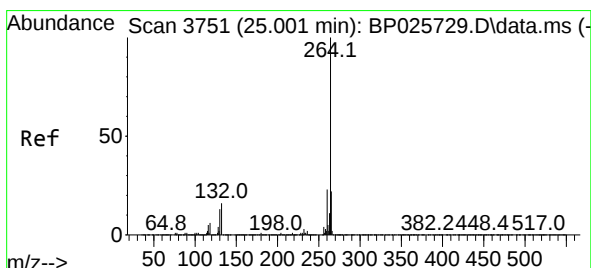
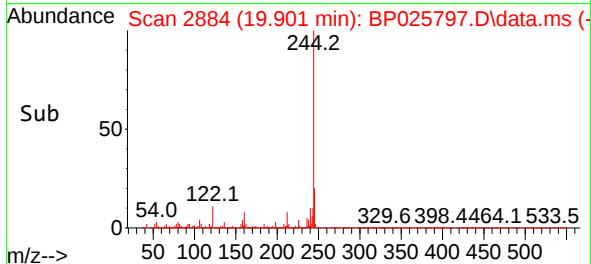
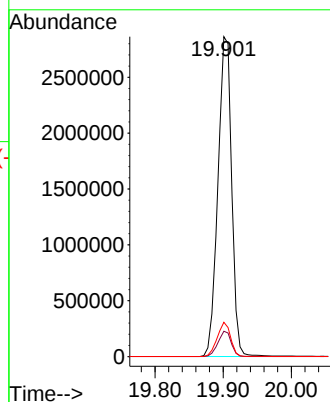
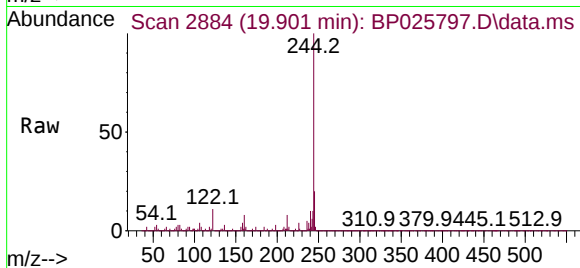
BNA_P

ClientSampleId :

MW3S

Tgt Ion:244 Resp: 3985084

Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.9	8.9
122	10.7	7.1	10.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.989 min Scan# 3749

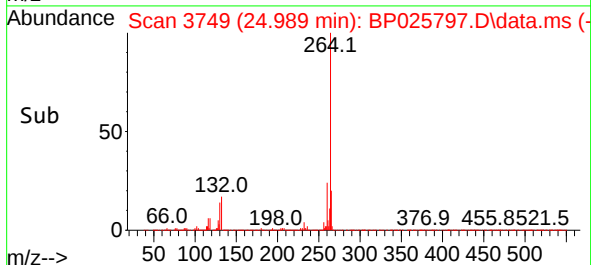
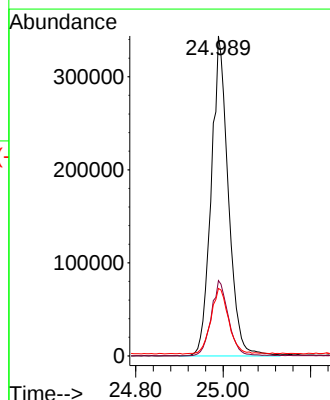
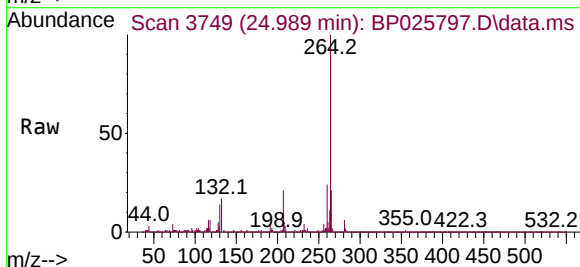
Delta R.T. -0.012 min

Lab File: BP025797.D

Acq: 19 Sep 2025 13:43

Tgt Ion:264 Resp: 933835

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.3	27.5
265	21.1	17.3	25.9



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
Data File : BP025797.D
Acq On : 19 Sep 2025 13:43
Operator : CG/JU
Sample : Q3083-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW3S

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025797.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.014	8	13	29	rVB	5383191	6425963	58.62%	10.173%
2	3.308	59	63	71	rVB	80962	110963	1.01%	0.176%
3	4.908	329	335	348	rVB3	59586	114751	1.05%	0.182%
4	5.378	409	415	434	rBV	1604428	2615535	23.86%	4.141%
5	6.943	671	681	694	rBV	926128	1801509	16.43%	2.852%
6	7.749	811	818	827	rBV	634113	1019193	9.30%	1.613%
7	8.896	1005	1013	1026	rBV	2040225	3561207	32.48%	5.638%
8	10.519	1281	1289	1304	rBV	753558	1383554	12.62%	2.190%
9	12.337	1590	1598	1604	rVB2	63457	111574	1.02%	0.177%
10	12.984	1699	1708	1726	rBV	4824256	7937653	72.41%	12.566%
11	13.654	1817	1822	1827	rBV2	78102	120068	1.10%	0.190%
12	14.372	1937	1944	1950	rBV	1139852	1860086	16.97%	2.945%
13	14.437	1950	1955	1965	rVB	472567	718568	6.55%	1.138%
14	14.813	2014	2019	2031	rBV2	93504	188274	1.72%	0.298%
15	15.354	2107	2111	2119	rBV	133937	227002	2.07%	0.359%
16	15.437	2121	2125	2131	rVB2	81810	129280	1.18%	0.205%
17	15.754	2173	2179	2186	rBV	361407	509667	4.65%	0.807%
18	15.890	2195	2202	2213	rBV	3821980	6125135	55.87%	9.696%
19	16.101	2234	2238	2250	rVB	118757	215729	1.97%	0.342%
20	16.578	2316	2319	2324	rVB	91568	113831	1.04%	0.180%
21	17.172	2414	2420	2426	rBV2	1393022	2185473	19.94%	3.460%
22	17.454	2463	2468	2478	rBV	2353025	3273756	29.86%	5.183%
23	17.984	2553	2558	2568	rBV	229714	424849	3.88%	0.673%
24	18.113	2575	2580	2588	rBV	1699919	2480387	22.63%	3.927%
25	19.313	2779	2784	2800	rVB2	228262	522576	4.77%	0.827%
26	19.448	2802	2807	2820	rBV	627242	1059966	9.67%	1.678%
27	19.901	2878	2884	2891	rBV	8027789	10962641	100.00%	17.354%
28	20.172	2927	2930	2935	rBV	83306	121129	1.10%	0.192%
29	21.289	3116	3120	3128	rBV	410589	677753	6.18%	1.073%
30	21.630	3172	3178	3185	rBV	1526028	2461971	22.46%	3.897%
31	23.442	3480	3486	3495	rVB	678864	1317520	12.02%	2.086%
32	24.989	3741	3749	3762	rVB	900797	2391813	21.82%	3.786%

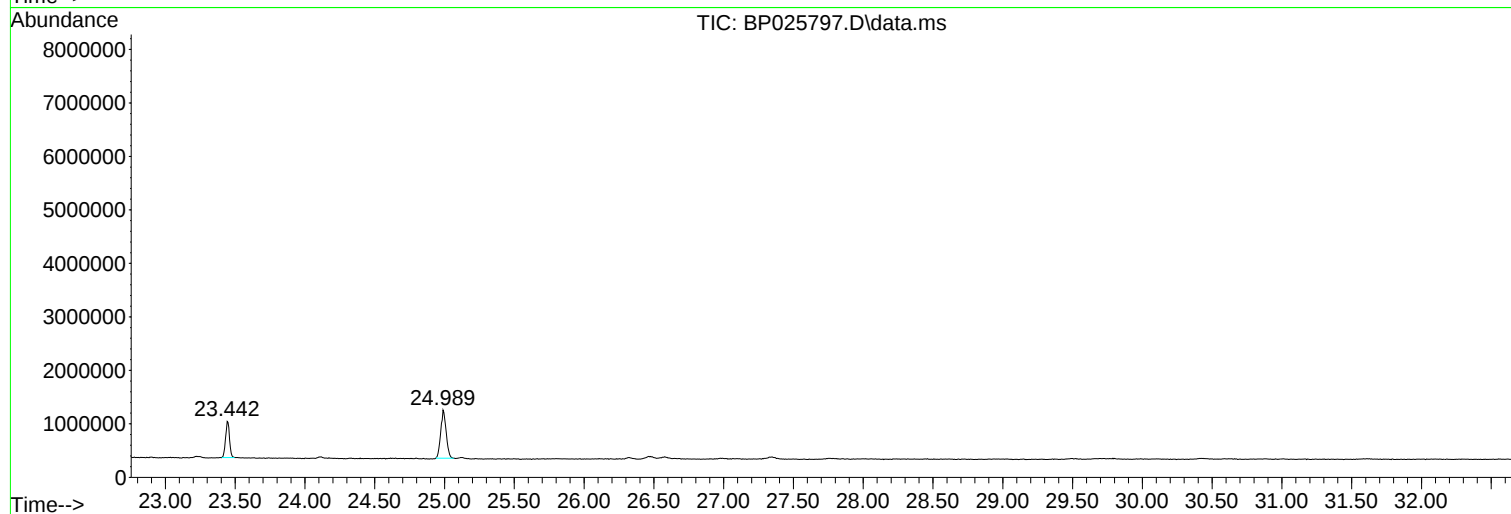
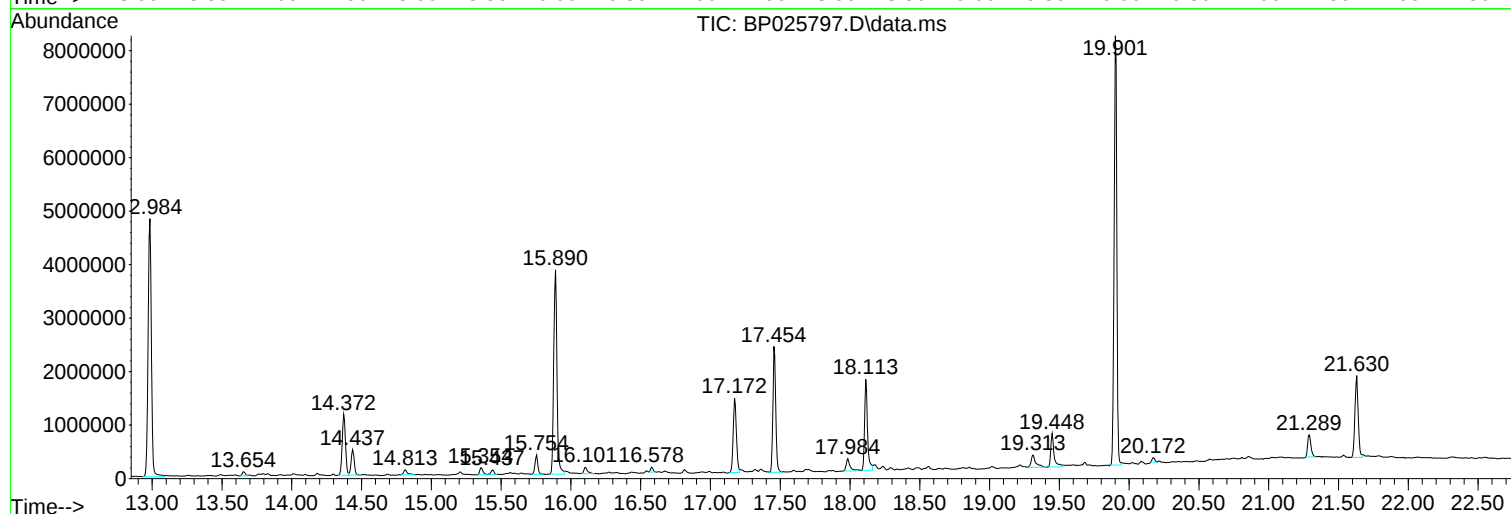
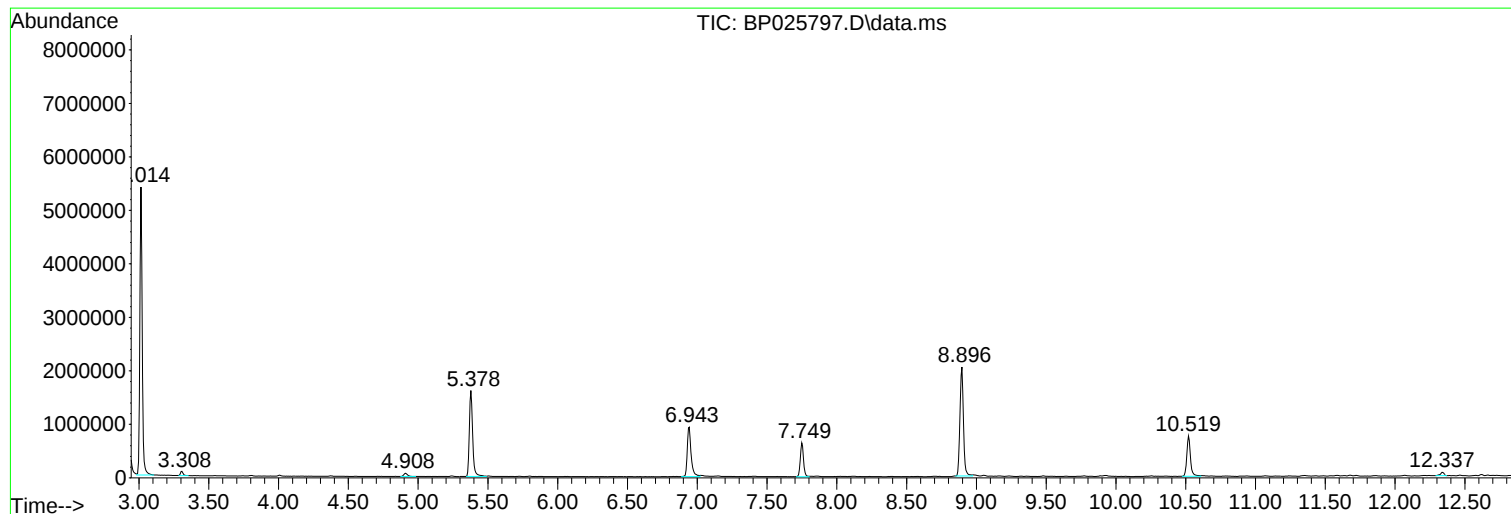
Sum of corrected areas: 63169376

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
Data File : BP025797.D
Acq On : 19 Sep 2025 13:43
Operator : CG/JU
Sample : Q3083-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW3S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
Data File : BP025797.D
Acq On : 19 Sep 2025 13:43
Operator : CG/JU
Sample : Q3083-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW3S

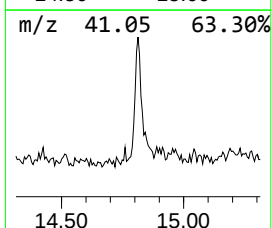
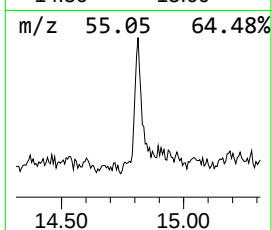
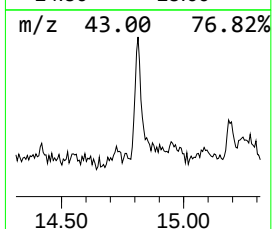
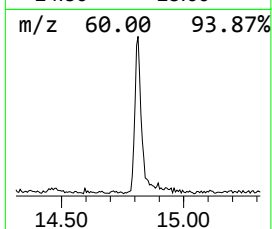
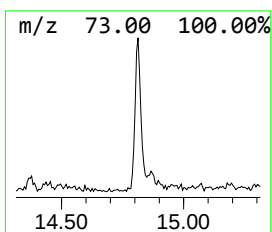
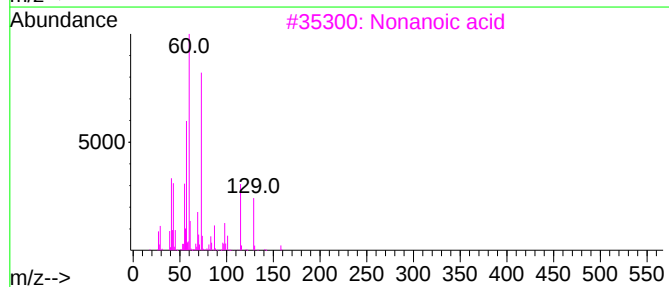
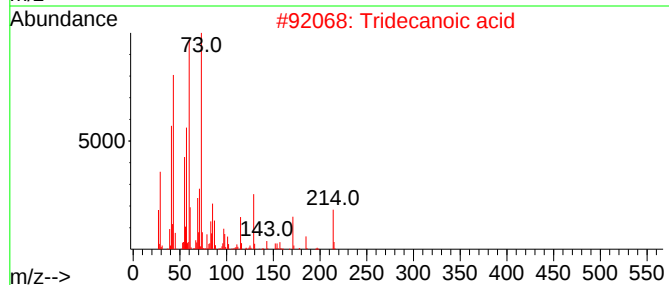
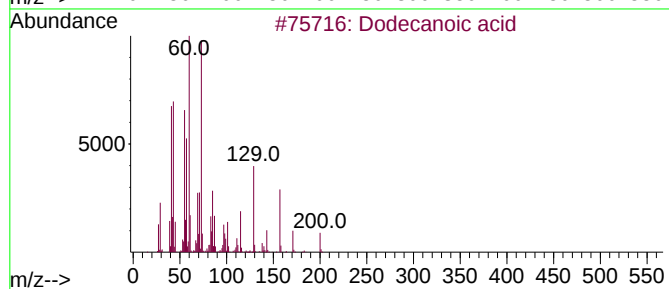
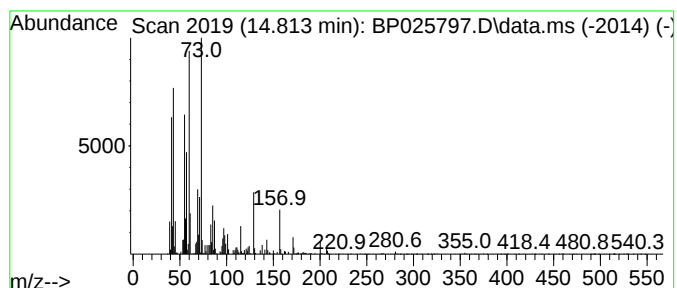
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Dodecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.813	2.02 ng	188274	Acenaphthene-d10	14.372

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecanoic acid	200	C12H24O2	000143-07-7	93
2			Tridecanoic acid	214	C13H26O2	000638-53-9	87
3			Nonanoic acid	158	C9H18O2	000112-05-0	64
4			n-Decanoic acid	172	C10H20O2	000334-48-5	58
5			Octanoic acid	144	C8H16O2	000124-07-2	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
Data File : BP025797.D
Acq On : 19 Sep 2025 13:43
Operator : CG/JU
Sample : Q3083-03
Misc :
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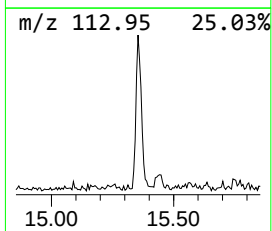
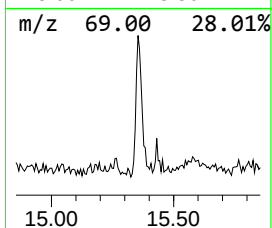
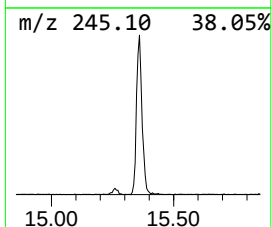
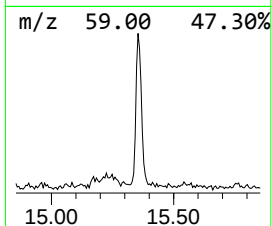
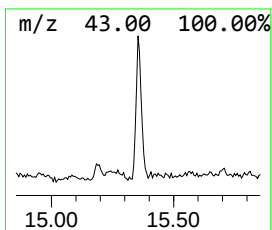
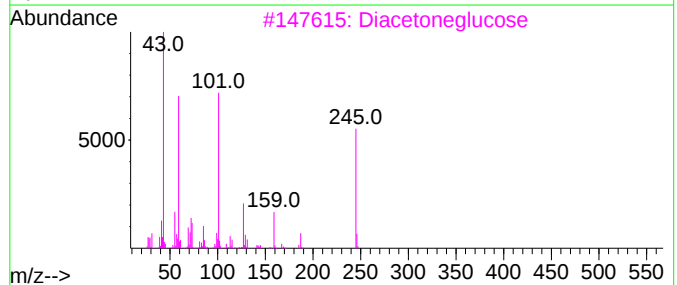
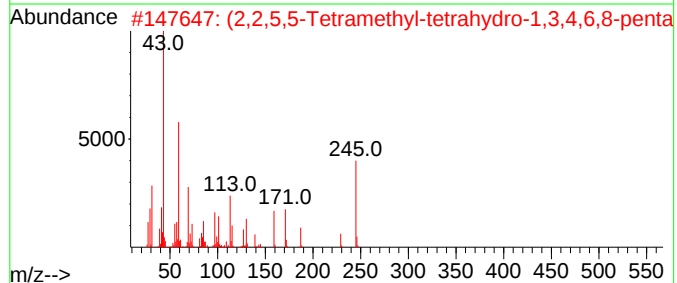
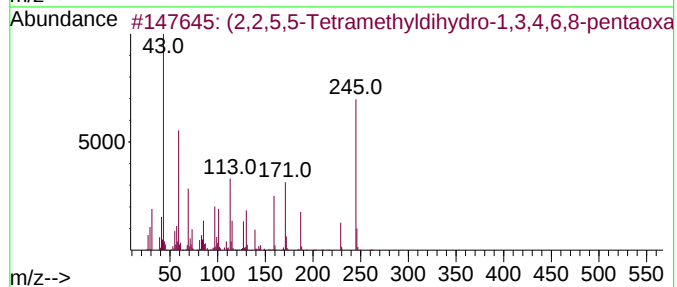
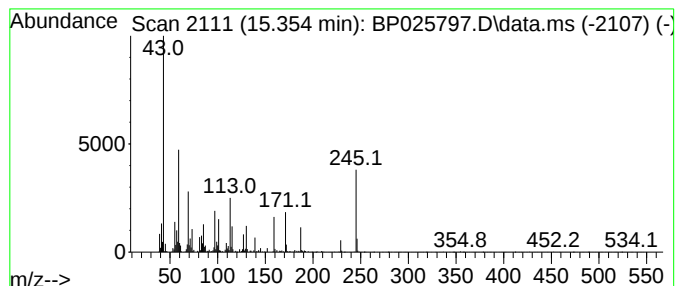
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 (2,2,5,5-Tetramethyldihydro... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD			R.T.
15.354	2.44 ng	227002	Acenaphthene-d10			14.372
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	(2,2,5,5-Tetramethyldihydro-1,3,...		260	C12H20O6	1000192-04-6	98
2	(2,2,5,5-Tetramethyl-tetrahydro-...		260	C12H20O6	1000193-90-4	91
3	Diacetoneglucose		260	C12H20O6	000582-52-5	38
4	.alpha.-D-Galactopyranose, 1,2:3...		260	C12H20O6	004064-06-6	30
5	Diisopropylidene l-idose		260	C12H20O6	1000127-52-3	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
Data File : BP025797.D
Acq On : 19 Sep 2025 13:43
Operator : CG/JU
Sample : Q3083-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

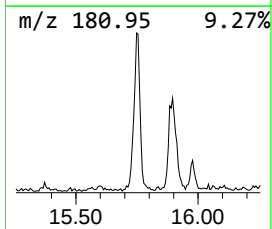
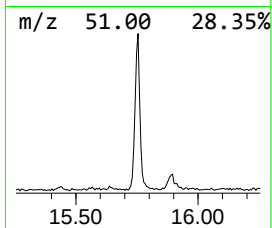
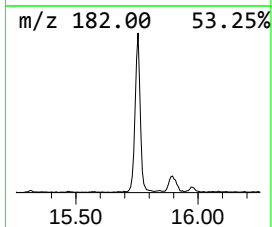
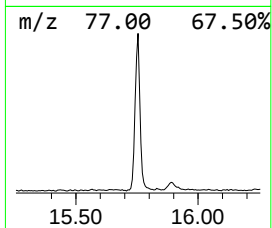
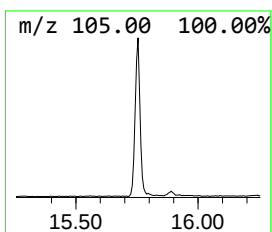
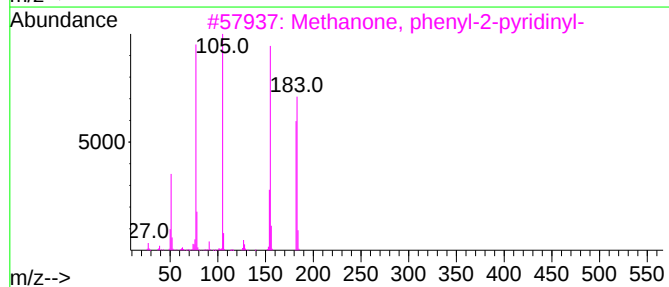
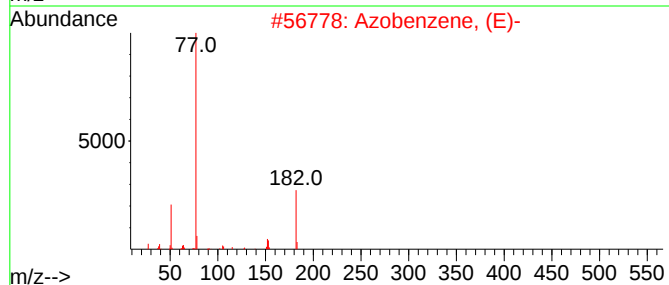
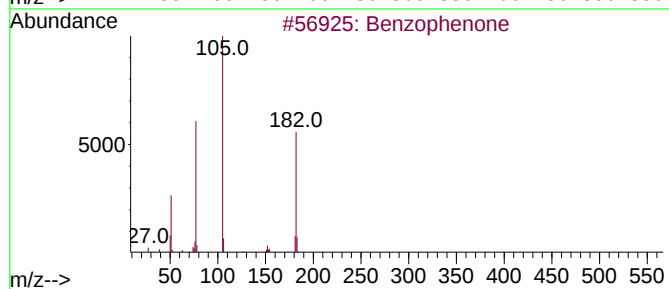
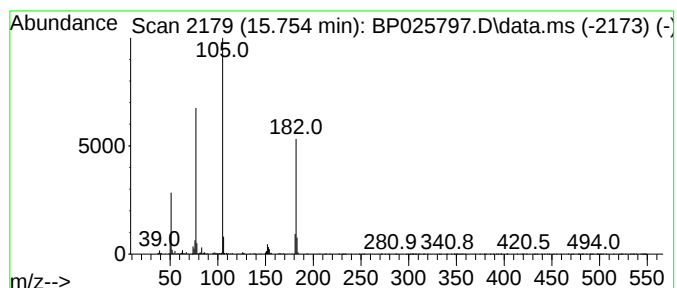
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzophenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.754	5.48 ng	509667	Acenaphthene-d10	14.372	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Azobenzene, (E)-	182	C12H10N2	017082-12-1	58
3	Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	56
4	1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	42
5	1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	40



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
Data File : BP025797.D
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Sample : Q3083-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

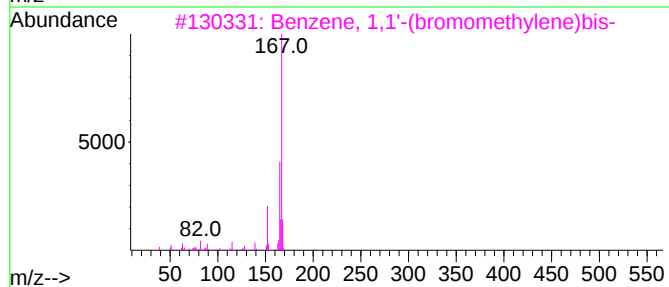
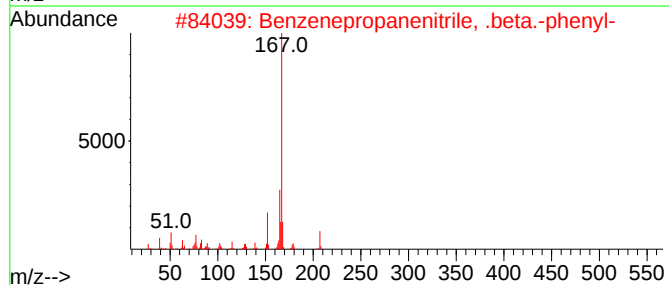
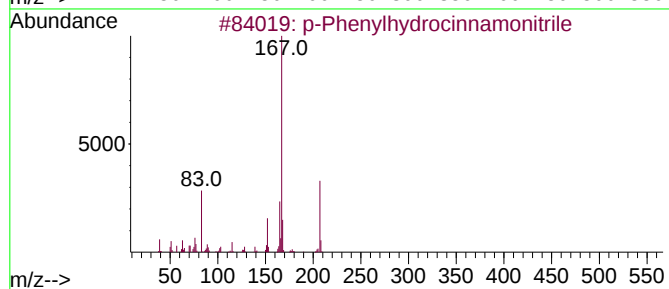
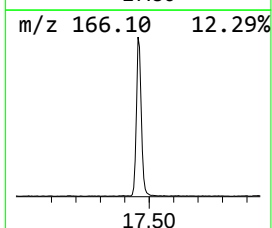
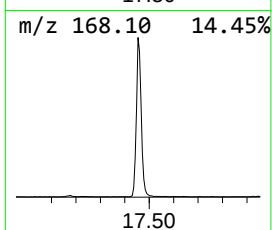
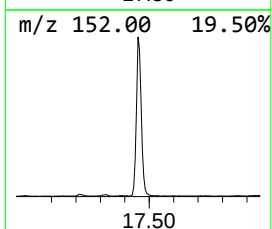
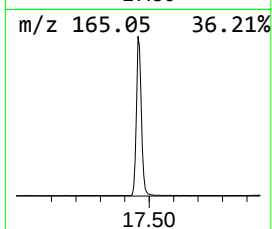
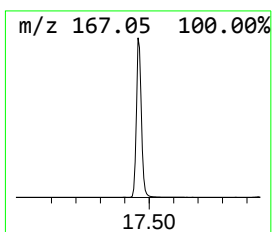
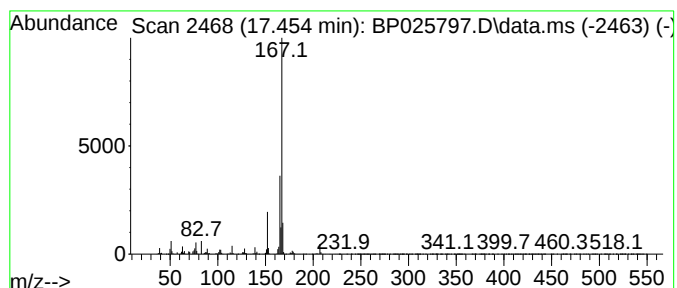
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 p-Phenylhydrocinnamonitrile Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.454	29.96 ng	3273760	Phenanthrene-d10	17.172	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Phenylhydrocinnamonitrile	207	C15H13N	092552-19-7	91
2	Benzenepropanenitrile, .beta.-ph...	207	C15H13N	002286-54-6	91
3	Benzene, 1,1'-(bromomethylene)bis-	246	C13H11Br	000776-74-9	87
4	Adrafinil	289	C15H15NO3S	063547-13-7	87
5	2-Propanone, 1,1-diphenyl-	210	C15H14O	000781-35-1	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
Data File : BP025797.D
Acq On : 19 Sep 2025 13:43
Operator : CG/JU
Sample : Q3083-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

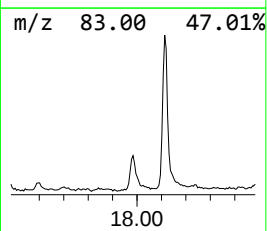
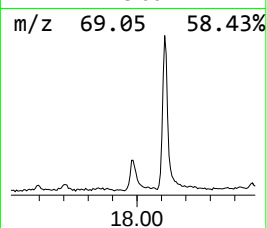
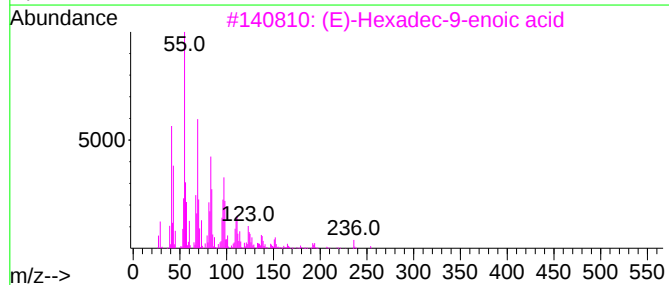
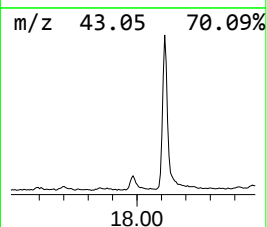
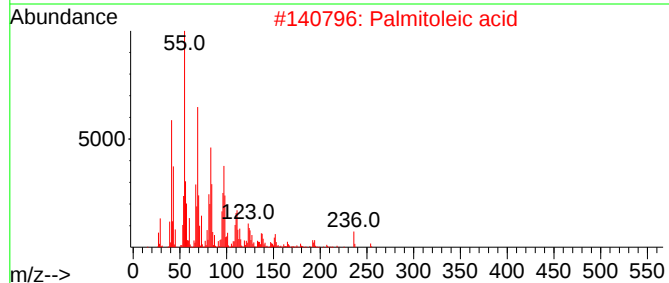
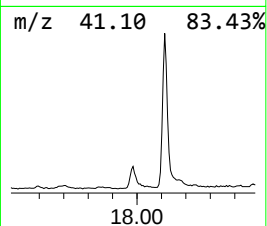
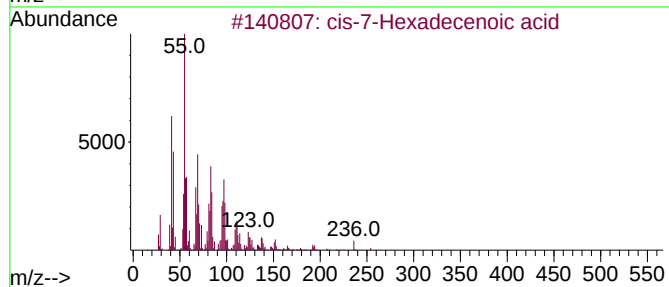
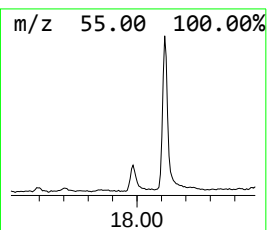
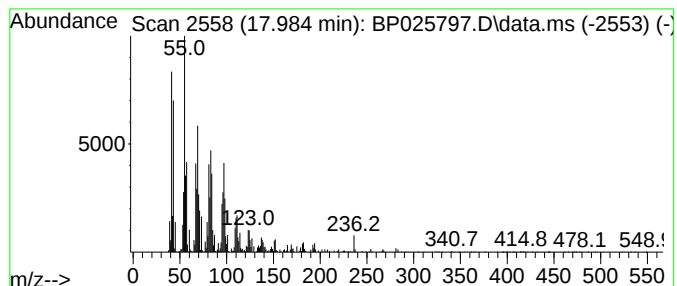
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 cis-7-Hexadecenoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.984	3.89 ng	424849	Phenanthrene-d10	17.172	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-7-Hexadecenoic acid	254	C16H30O2	002416-19-5	99
2	Palmitoleic acid	254	C16H30O2	000373-49-9	98
3	(E)-Hexadec-9-enoic acid	254	C16H30O2	010030-73-6	98
4	7-Hexadecenoic acid, methyl este...	268	C17H32O2	056875-67-3	93
5	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
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ALS Vial : 7 Sample Multiplier: 1

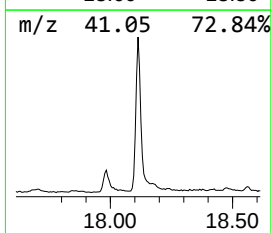
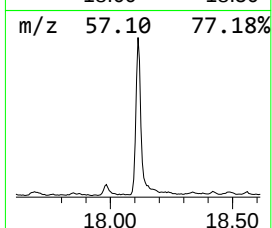
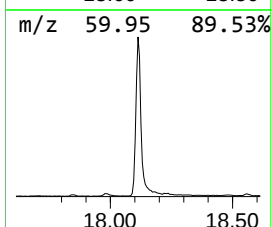
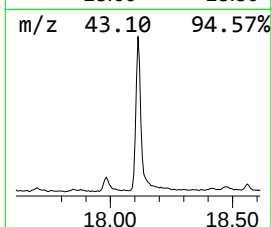
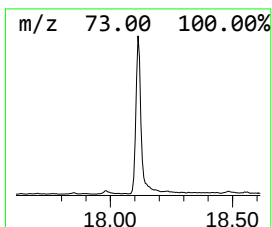
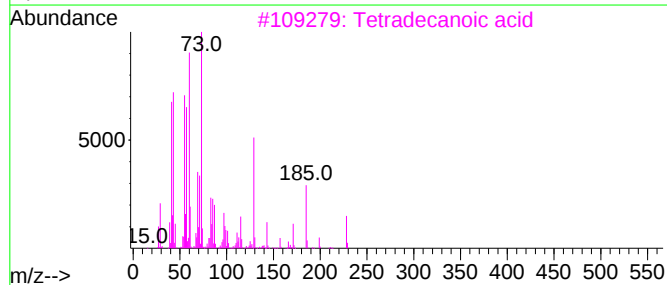
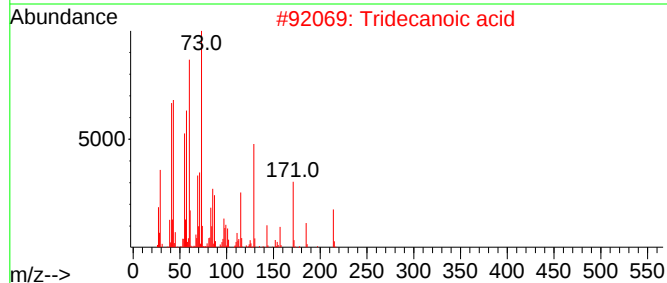
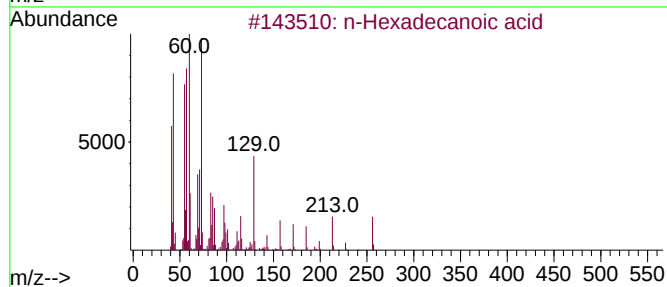
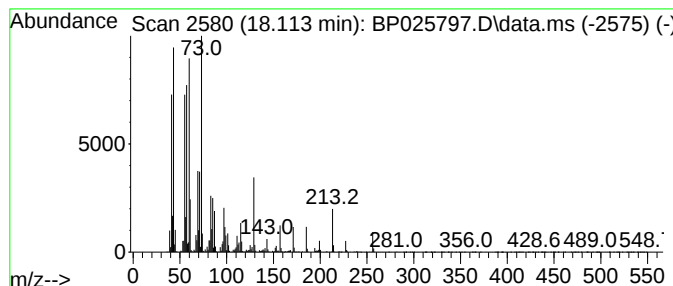
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.113	22.70 ng	2480390	Phenanthrene-d10	17.172	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
5	Nonanoic acid	158	C9H18O2	000112-05-0	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
Data File : BP025797.D
Acq On : 19 Sep 2025 13:43
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Sample : Q3083-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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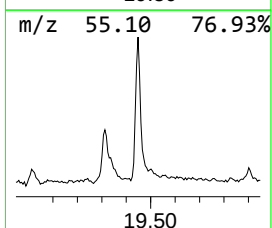
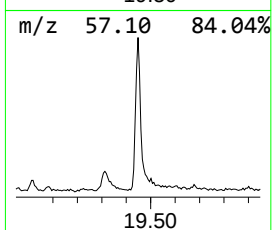
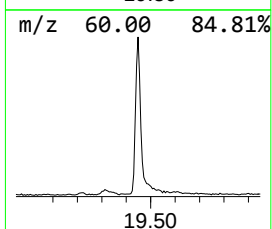
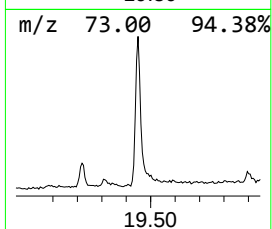
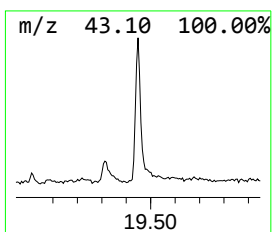
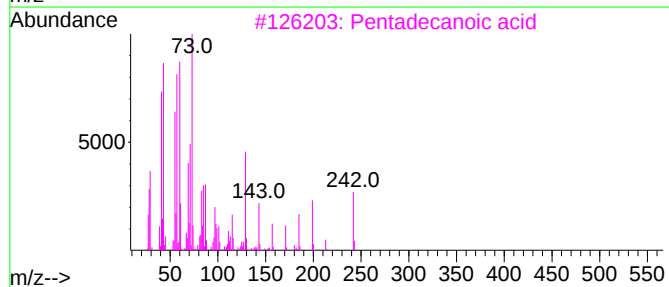
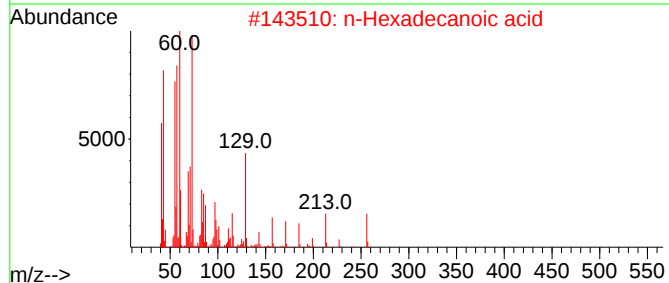
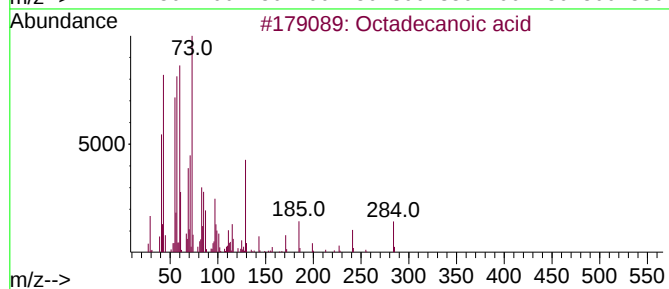
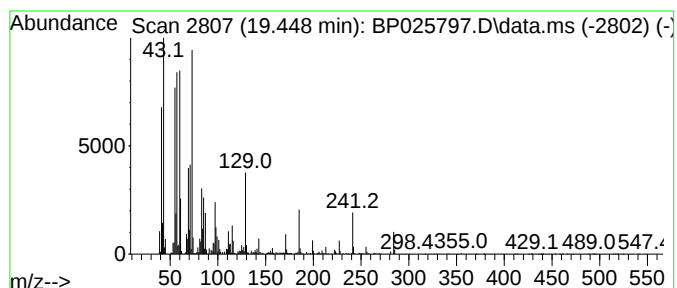
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.448	8.61 ng	1059970	Chrysene-d12	21.631

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	89
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	87
5		Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
Data File : BP025797.D
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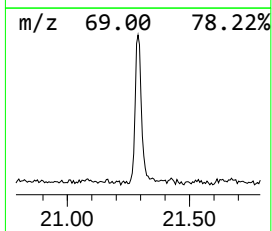
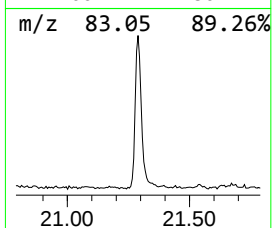
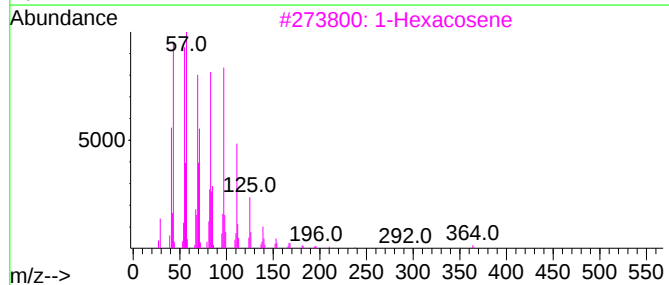
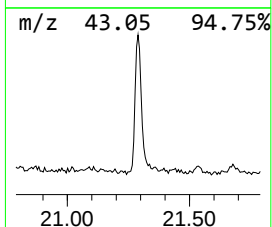
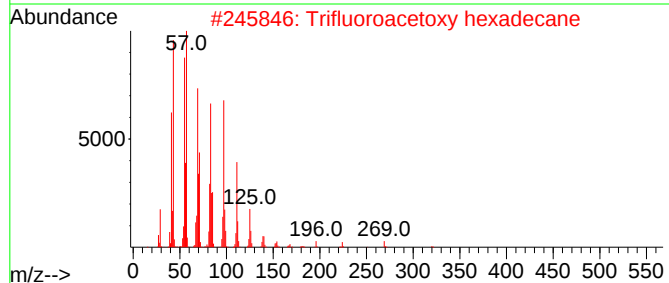
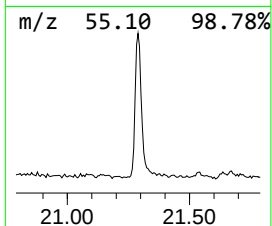
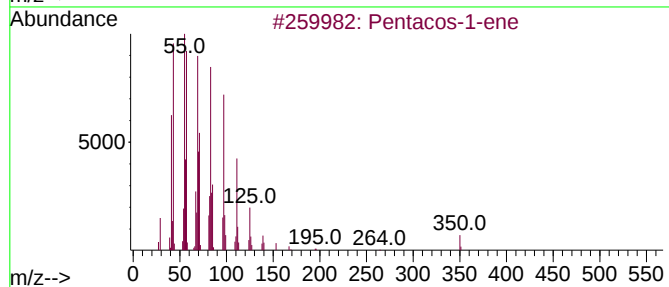
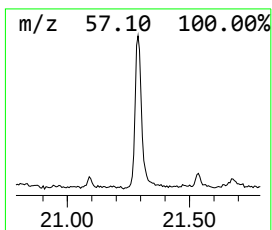
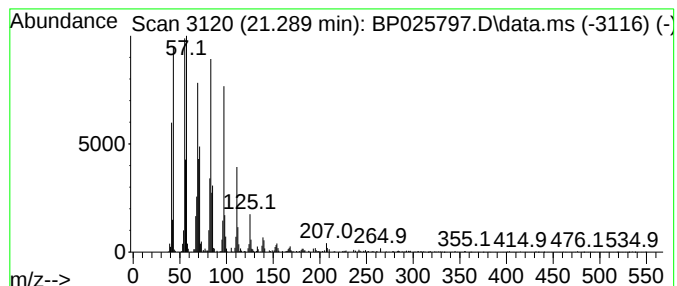
Instrument :
BNA_P
ClientSampleId :
MW3S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Pentacos-1-ene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.289	5.51 ng	677753	Chrysene-d12	21.631	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacos-1-ene	350	C25H50	016980-85-1	94
2	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
3	1-Hexacosene	364	C26H52	018835-33-1	94
4	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
Data File : BP025797.D
Acq On : 19 Sep 2025 13:43
Operator : CG/JU
Sample : Q3083-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW3S

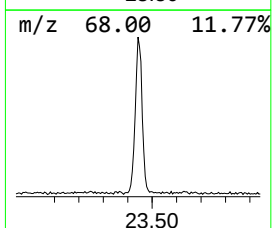
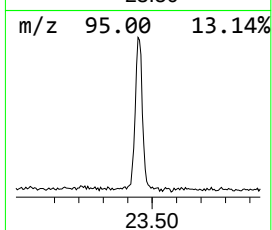
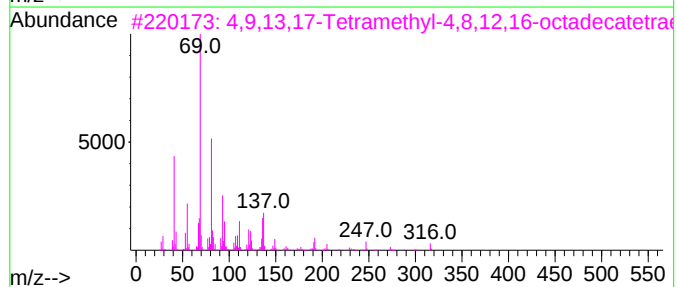
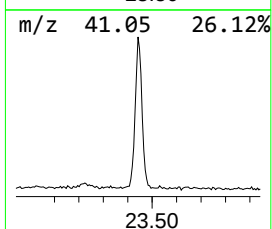
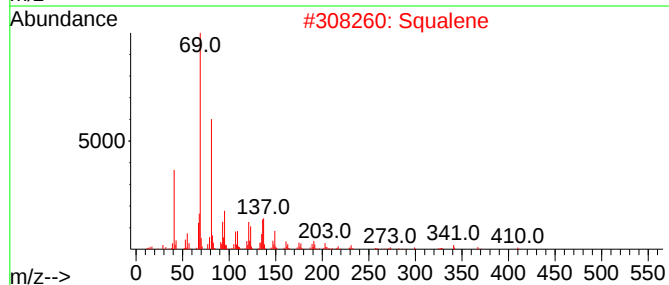
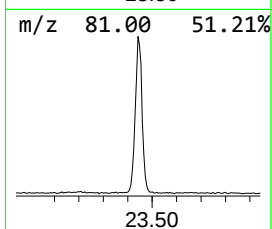
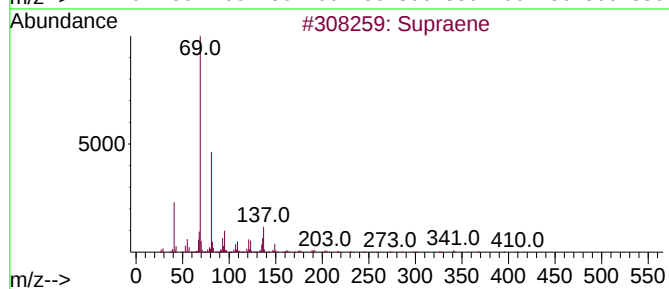
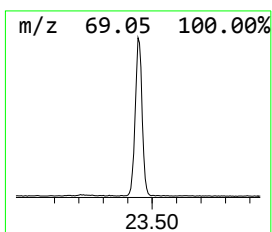
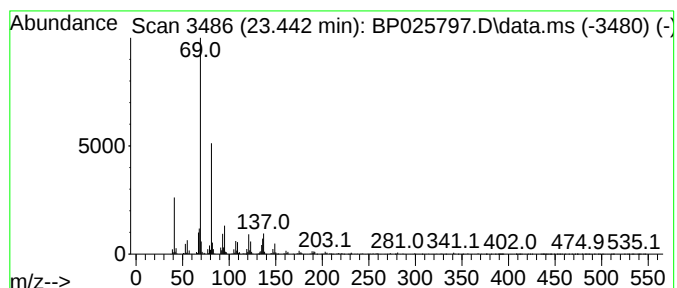
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Supraene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.442	11.02 ng	1317520	Perylene-d12	24.989

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Supraene	410	C30H50	007683-64-9	91
2		Squalene	410	C30H50	000111-02-4	90
3		4,9,13,17-Tetramethyl-4,8,12,16-...	316	C22H36O	056882-09-8	83
4		1,5,9-Decatriene, 2,3,5,8-tetram...	192	C14H24	230646-72-7	64
5		1,5-Heptadiene, 3,3,6-trimethyl-	138	C10H18	035387-63-4	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
Data File : BP025797.D
Acq On : 19 Sep 2025 13:43
Operator : CG/JU
Sample : Q3083-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW3S

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Dodecanoic acid	14.813	2.0	ng	188274	3	14.372	1860090	20.0
(2,2,5,5-Tetram...	15.354	2.4	ng	227002	3	14.372	1860090	20.0
Benzophenone	15.754	5.5	ng	509667	3	14.372	1860090	20.0
p-Phenylhydroci...	17.454	30.0	ng	3273760	4	17.172	2185470	20.0
cis-7-Hexadecen...	17.984	3.9	ng	424849	4	17.172	2185470	20.0
n-Hexadecanoic ...	18.113	22.7	ng	2480390	4	17.172	2185470	20.0
Octadecanoic acid	19.448	8.6	ng	1059970	5	21.631	2461970	20.0
Pentacos-1-ene	21.289	5.5	ng	677753	5	21.631	2461970	20.0
Supraene	23.442	11.0	ng	1317520	6	24.989	2391810	20.0

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091725\
Data File : BP025776.D
Acq On : 17 Sep 2025 21:56
Operator : CG/JU
Sample : PB169719BL
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169719BL

Quant Time: Sep 18 04:26:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.754	152	179386	20.000	ng	0.00
21) Naphthalene-d8	10.525	136	669415	20.000	ng	0.00
39) Acenaphthene-d10	14.372	164	415180	20.000	ng	0.00
64) Phenanthrene-d10	17.172	188	826588	20.000	ng	-0.01
76) Chrysene-d12	21.613	240	912511	20.000	ng	-0.03
86) Perylene-d12	24.971	264	985422	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	1321221	118.842	ng	0.00
7) Phenol-d6	6.949	99	1609379	108.910	ng	0.00
23) Nitrobenzene-d5	8.901	82	1113438	73.370	ng	0.00
42) 2,4,6-Tribromophenol	15.883	330	574835	111.003	ng	-0.02
45) 2-Fluorobiphenyl	12.984	172	2342096	75.112	ng	0.00
79) Terphenyl-d14	19.901	244	3637790	71.718	ng	-0.01

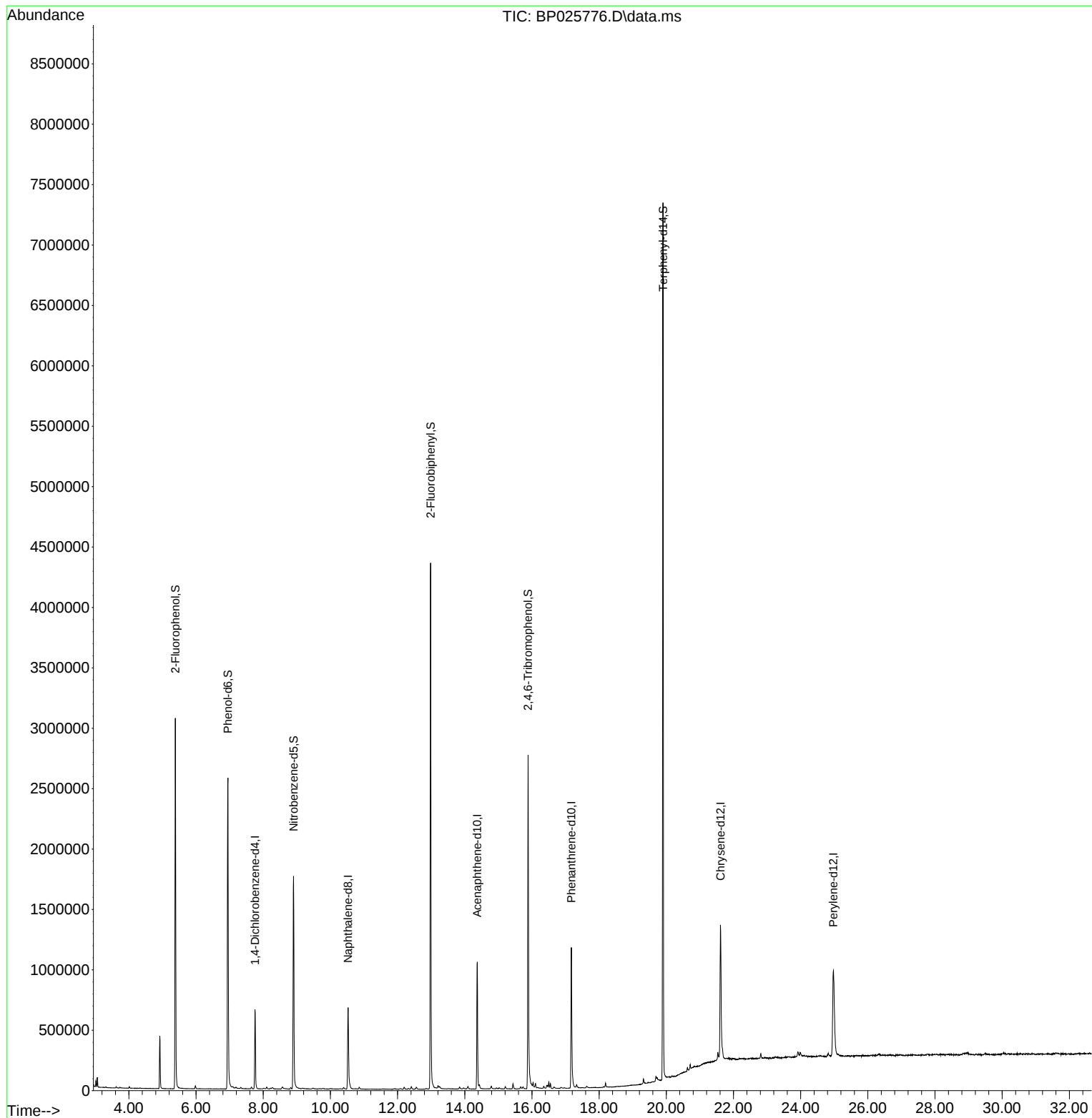
Target Compounds	Qvalue

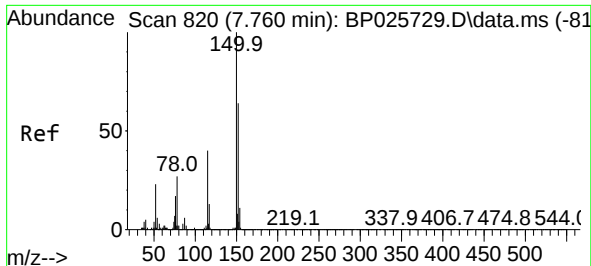
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Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091725\
Data File : BP025776.D
Acq On : 17 Sep 2025 21:56
Operator : CG/JU
Sample : PB169719BL
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169719BL

Quant Time: Sep 18 04:26:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

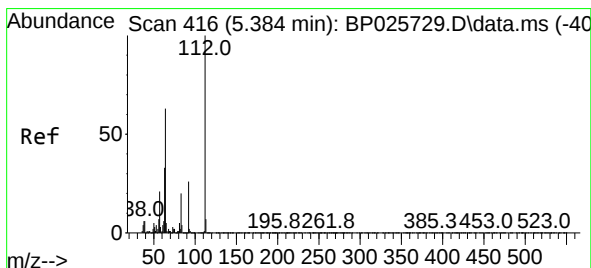
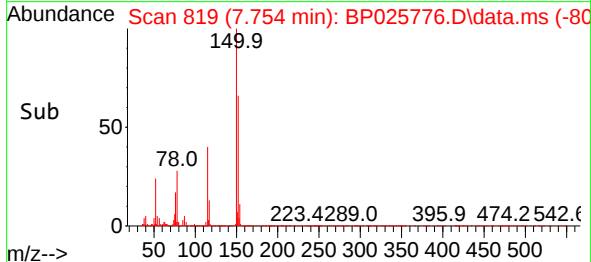
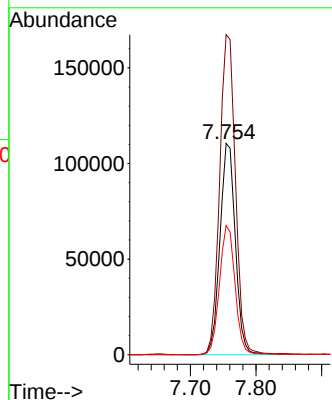
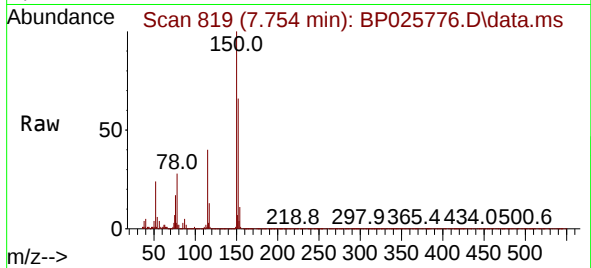




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.754 min Scan# 819
Delta R.T. -0.006 min
Lab File: BP025776.D
Acq: 17 Sep 2025 21:56

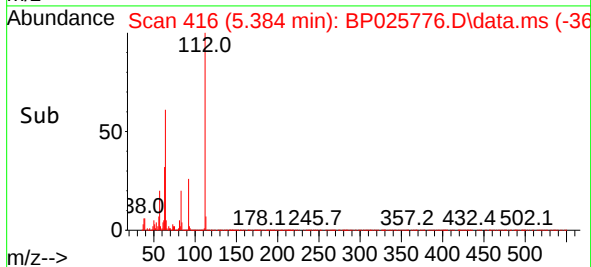
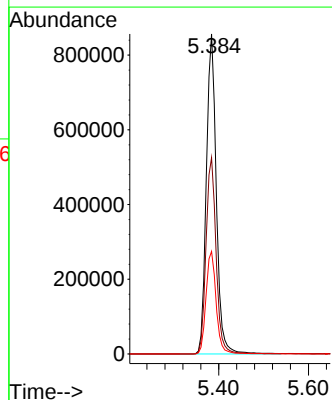
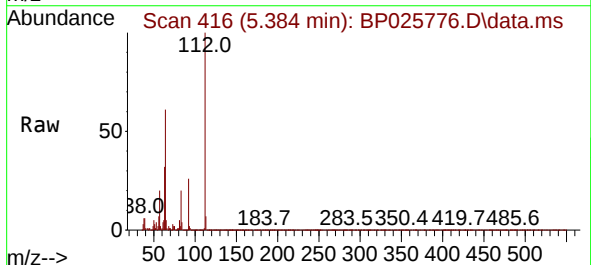
Instrument :
BNA_P
ClientSampleId :
PB169719BL

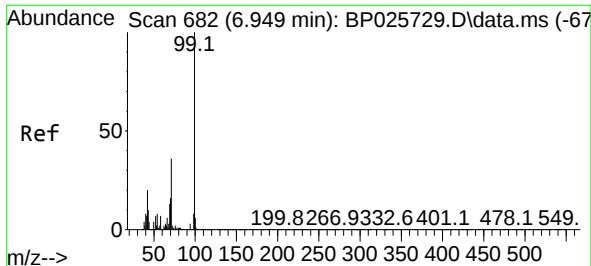
Tgt Ion:152 Resp: 179386
Ion Ratio Lower Upper
152 100
150 151.6 124.3 186.5
115 61.2 50.3 75.5



#5
2-Fluorophenol
Concen: 118.842 ng
RT: 5.384 min Scan# 416
Delta R.T. -0.000 min
Lab File: BP025776.D
Acq: 17 Sep 2025 21:56

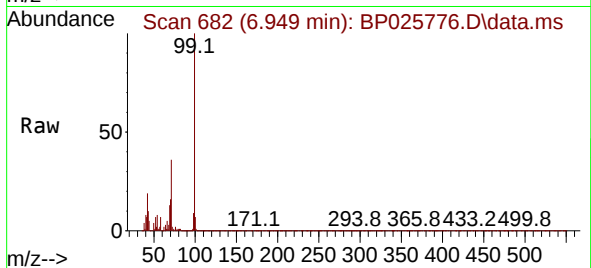
Tgt Ion:112 Resp: 1321221
Ion Ratio Lower Upper
112 100
64 61.4 50.2 75.4
63 32.1 26.7 40.1





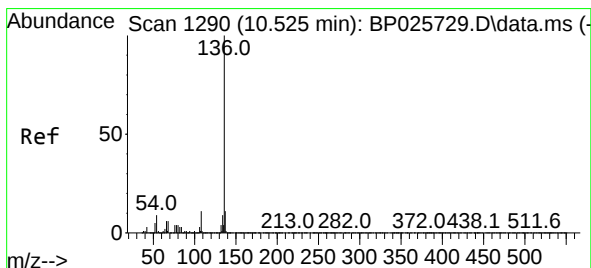
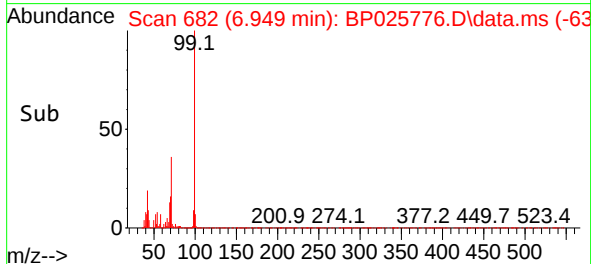
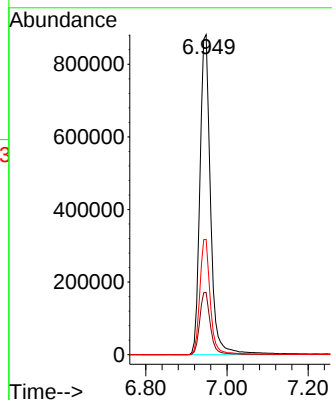
#7
Phenol-d6
Concen: 108.910 ng
RT: 6.949 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP025776.D
Acq: 17 Sep 2025 21:56

Instrument :
BNA_P
ClientSampleId :
PB169719BL



Tgt Ion: 99 Resp: 1609379

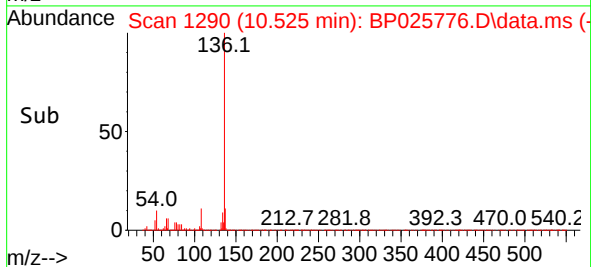
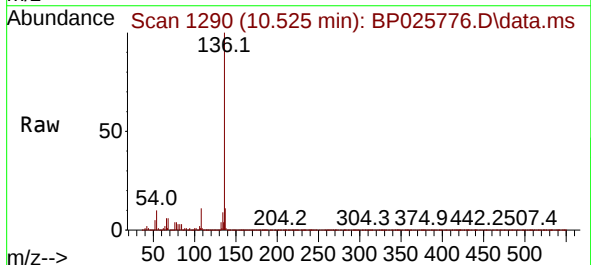
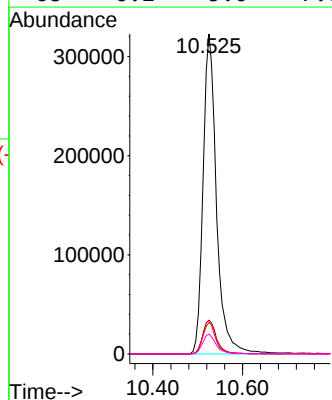
Ion	Ratio	Lower	Upper
99	100		
42	19.5	15.6	23.4
71	36.0	28.6	43.0

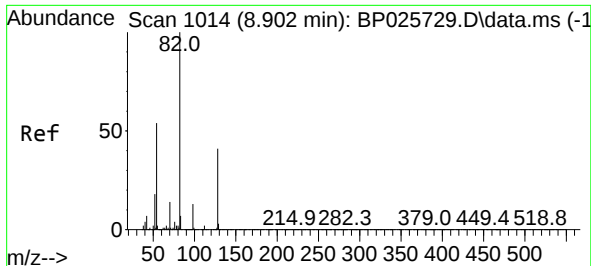


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.525 min Scan# 1290
Delta R.T. -0.000 min
Lab File: BP025776.D
Acq: 17 Sep 2025 21:56

Tgt Ion: 136 Resp: 669415

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.7	13.1
54	9.8	7.5	11.3
68	6.2	5.0	7.6

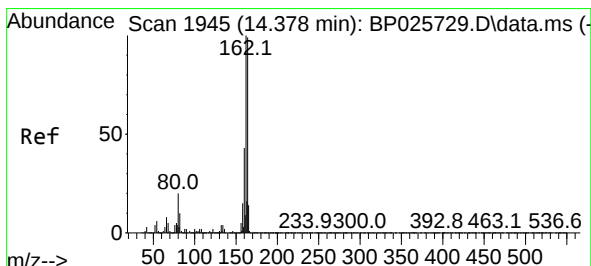
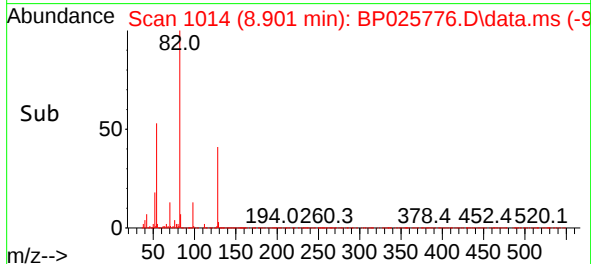
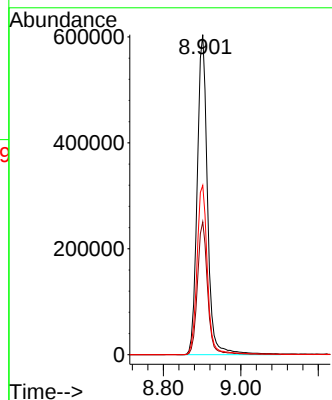
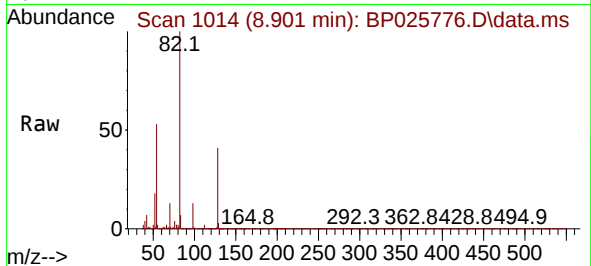




#23
Nitrobenzene-d5
Concen: 73.370 ng
RT: 8.901 min Scan# 1014
Delta R.T. -0.000 min
Lab File: BP025776.D
Acq: 17 Sep 2025 21:56

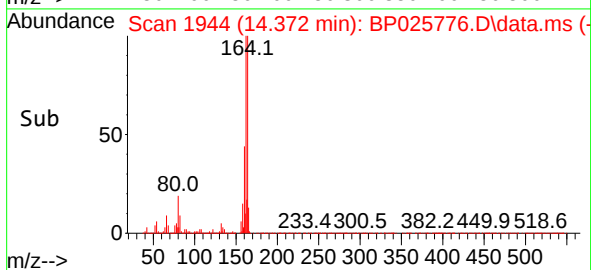
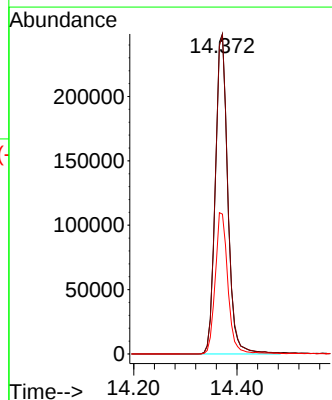
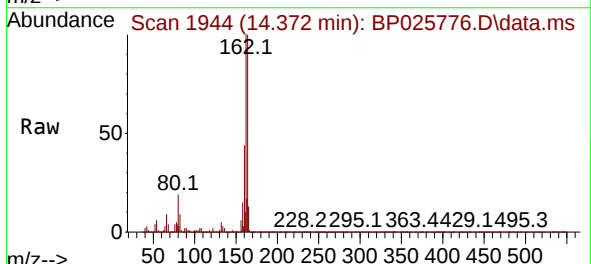
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ClientSampleId :
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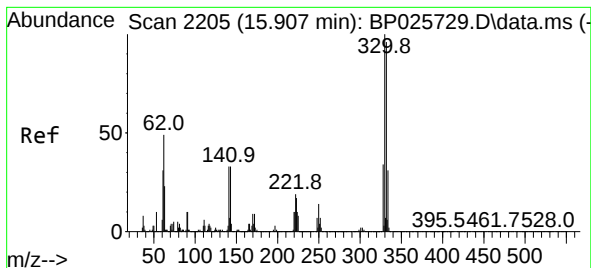
Tgt Ion: 82 Resp: 1113438
Ion Ratio Lower Upper
82 100
128 41.5 32.9 49.3
54 52.9 43.4 65.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.372 min Scan# 1944
Delta R.T. -0.006 min
Lab File: BP025776.D
Acq: 17 Sep 2025 21:56

Tgt Ion:164 Resp: 415180
Ion Ratio Lower Upper
164 100
162 99.9 80.6 120.8
160 43.7 35.0 52.6

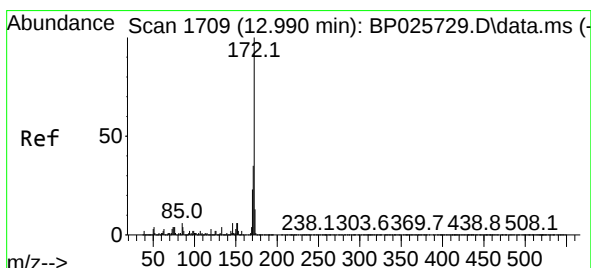
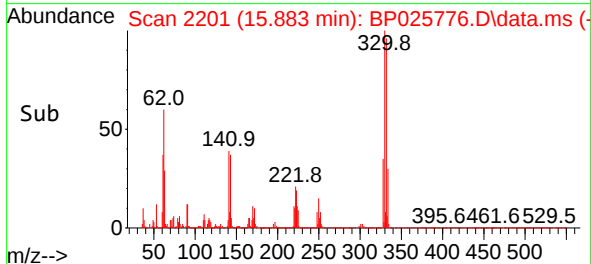
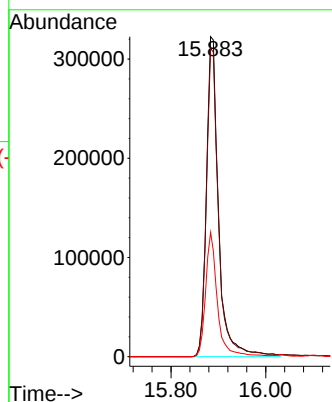
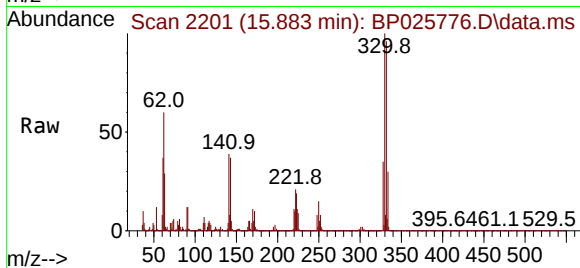




#42
2,4,6-Tribromophenol
Concen: 111.003 ng
RT: 15.883 min Scan# 21
Delta R.T. -0.024 min
Lab File: BP025776.D
Acq: 17 Sep 2025 21:56

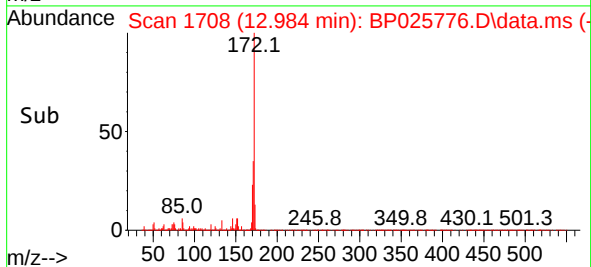
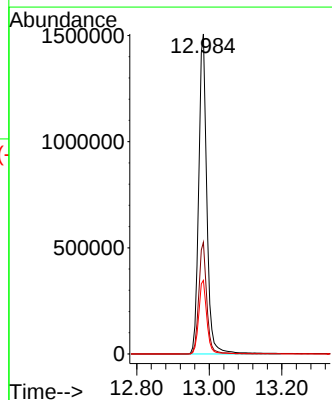
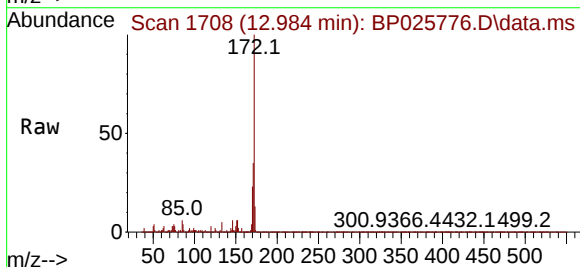
Instrument :
BNA_P
ClientSampleId :
PB169719BL

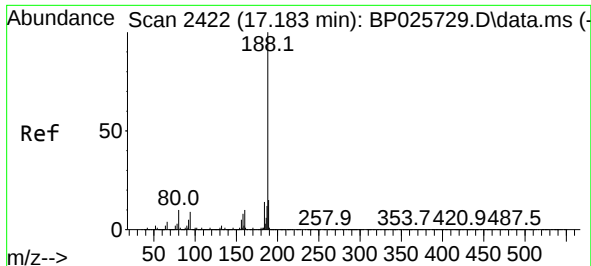
Tgt Ion:	330	Resp:	574835
Ion Ratio	Lower	Upper	
330	100		
332	97.5	76.9	115.3
141	37.6	31.0	46.4



#45
2-Fluorobiphenyl
Concen: 75.112 ng
RT: 12.984 min Scan# 1708
Delta R.T. -0.006 min
Lab File: BP025776.D
Acq: 17 Sep 2025 21:56

Tgt Ion:	172	Resp:	2342096
Ion Ratio	Lower	Upper	
172	100		
171	34.9	27.8	41.6
170	23.0	18.6	27.8

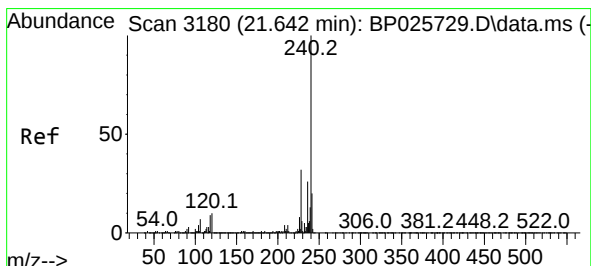
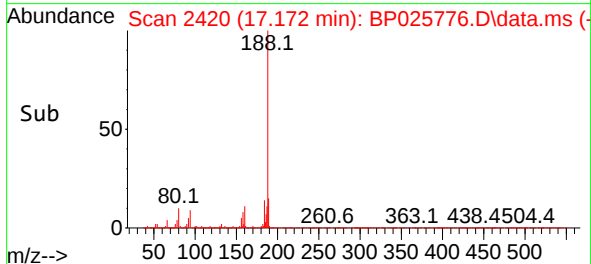
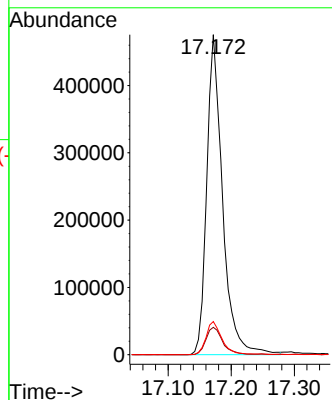
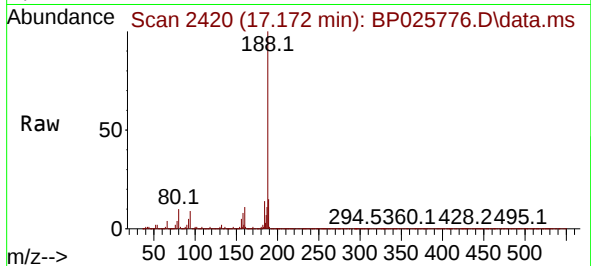




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.172 min Scan# 2422
Delta R.T. -0.012 min
Lab File: BP025776.D
Acq: 17 Sep 2025 21:56

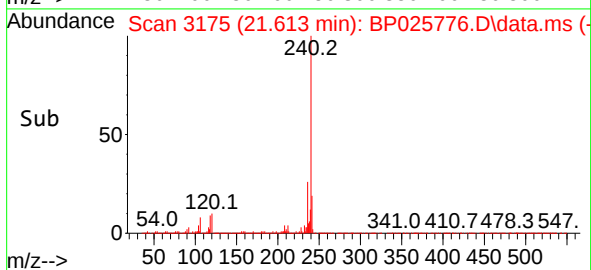
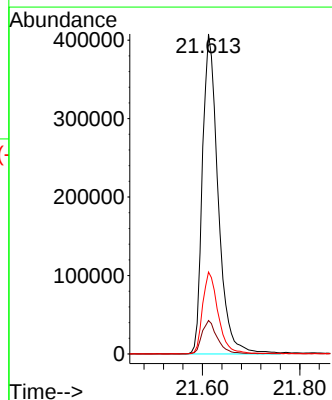
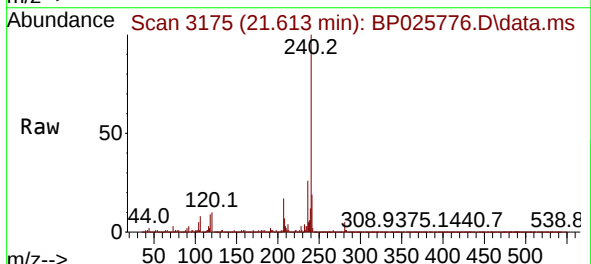
Instrument :
BNA_P
ClientSampleId :
PB169719BL

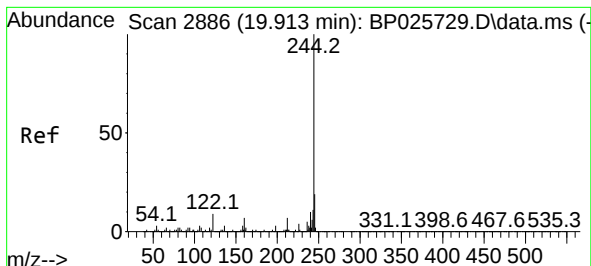
Tgt Ion:188 Resp: 826588
Ion Ratio Lower Upper
188 100
94 8.5 7.4 11.0
80 10.3 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.613 min Scan# 3175
Delta R.T. -0.030 min
Lab File: BP025776.D
Acq: 17 Sep 2025 21:56

Tgt Ion:240 Resp: 912511
Ion Ratio Lower Upper
240 100
120 10.4 8.0 12.0
236 25.6 20.7 31.1





#79

Terphenyl-d14

Concen: 71.718 ng

RT: 19.901 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP025776.D

Acq: 17 Sep 2025 21:56

Instrument :

BNA_P

ClientSampleId :

PB169719BL

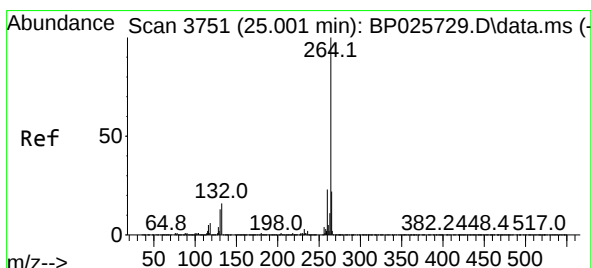
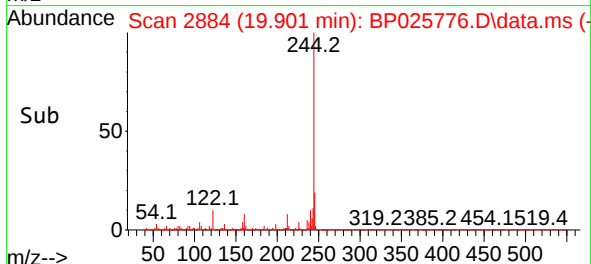
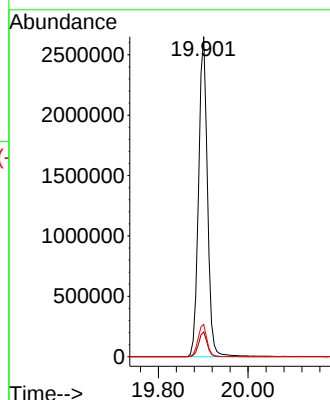
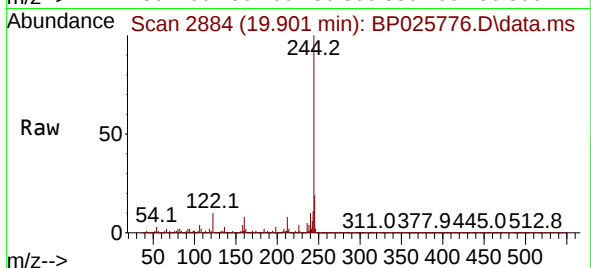
Tgt Ion:244 Resp: 3637790

Ion Ratio Lower Upper

244 100

212 7.7 5.9 8.9

122 10.0 7.1 10.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.971 min Scan# 3746

Delta R.T. -0.030 min

Lab File: BP025776.D

Acq: 17 Sep 2025 21:56

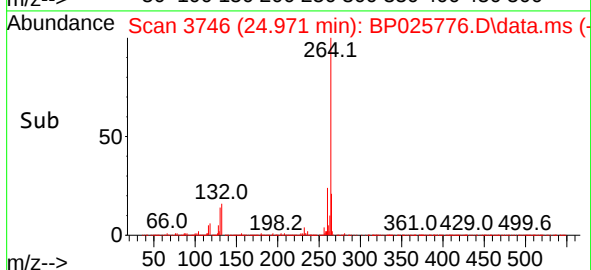
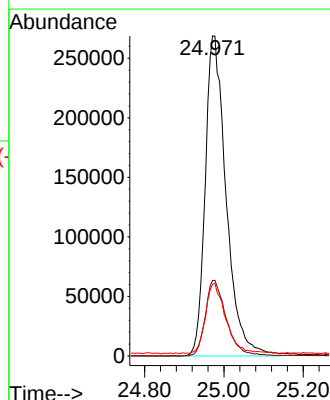
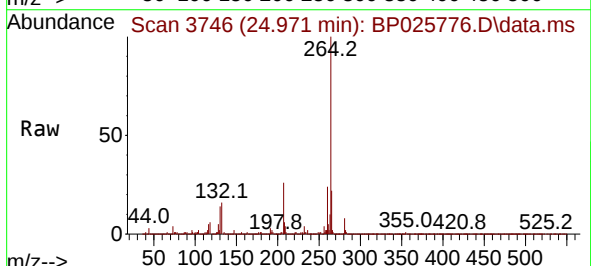
Tgt Ion:264 Resp: 985422

Ion Ratio Lower Upper

264 100

260 23.6 18.3 27.5

265 22.5 17.3 25.9



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091725\
Data File : BP025776.D
Acq On : 17 Sep 2025 21:56
Operator : CG/JU
Sample : PB169719BL
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169719BL

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025778.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.919	332	337	350	rBV	434274	637504	6.37%	1.374%
2	5.384	409	416	436	rBV	3067102	4769873	47.63%	10.283%
3	6.949	670	682	701	rBV	2576186	4714299	47.07%	10.163%
4	7.754	812	819	834	rBV	655154	1105705	11.04%	2.384%
5	8.901	1006	1014	1036	rBV	1761882	3271318	32.67%	7.053%
6	10.525	1282	1290	1307	rBV	674065	1435864	14.34%	3.096%
7	12.984	1696	1708	1726	rBV	4355524	6787745	67.78%	14.634%
8	14.372	1936	1944	1951	rBV	1051362	1752688	17.50%	3.779%
9	15.883	2194	2201	2216	rBV	2763290	4769324	47.62%	10.282%
10	17.172	2413	2420	2436	rBV	1165013	2116229	21.13%	4.562%
11	19.901	2877	2884	2902	rBV	7263694	10014746	100.00%	21.591%
12	21.613	3169	3175	3191	rVB	1097791	2548378	25.45%	5.494%
13	24.977	3738	3747	3767	rVB	694876	2461082	24.57%	5.306%

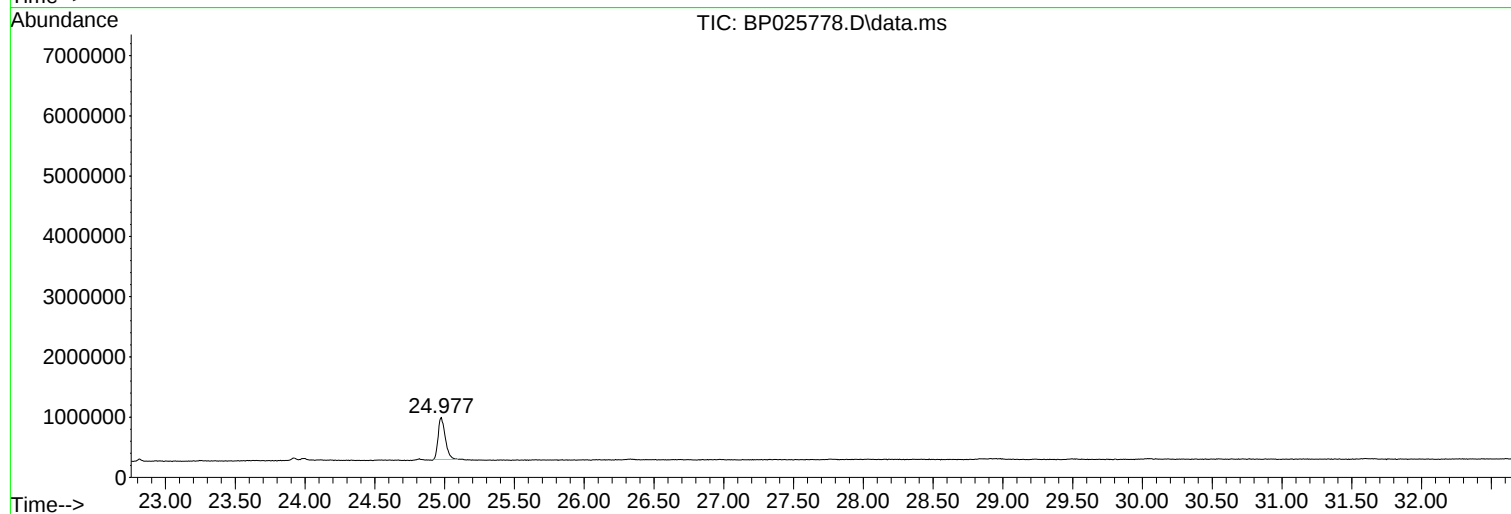
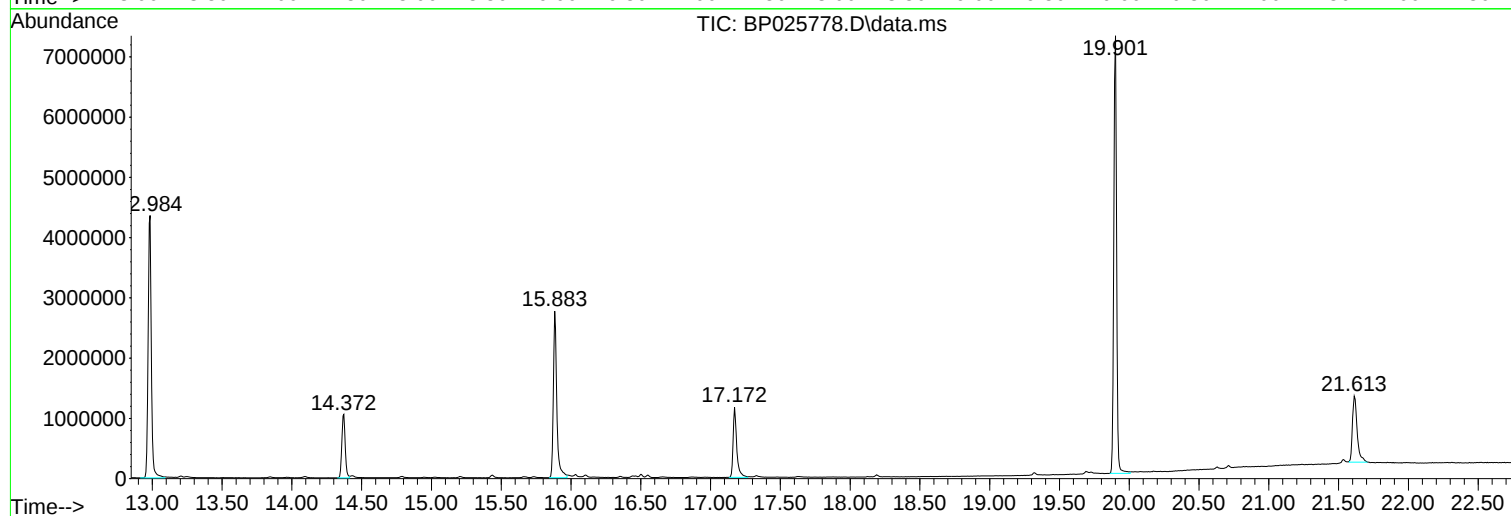
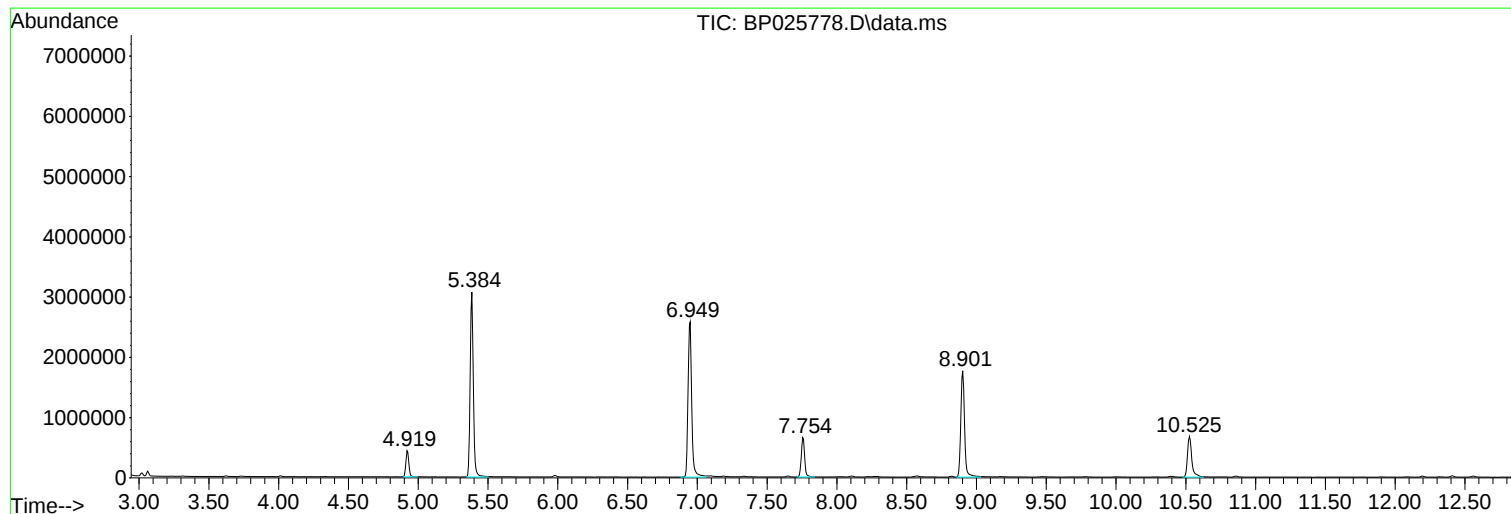
Sum of corrected areas: 46384755

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091725\
Data File : BP025776.D
Acq On : 17 Sep 2025 21:56
Operator : CG/JU
Sample : PB169719BL
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169719BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091725\
Data File : BP025776.D
Acq On : 17 Sep 2025 21:56
Operator : CG/JU
Sample : PB169719BL
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169719BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

No Library Search Compounds Detected

A

B

C

D

E

F

G

H

I

J

K

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091725\
Data File : BP025776.D
Acq On : 17 Sep 2025 21:56
Operator : CG/JU
Sample : PB169719BL
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169719BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
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Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091725\
 Data File : BP025774.D
 Acq On : 17 Sep 2025 20:35
 Operator : CG/JU
 Sample : PB169719BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169719BS

Quant Time: Sep 18 04:24:23 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:45:04 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 09/19/2025
 Supervised By :Jagrut Upadhyay 09/19/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.755	152	164300	20.000	ng	0.00
21) Naphthalene-d8	10.519	136	643426	20.000	ng	0.00
39) Acenaphthene-d10	14.372	164	416776	20.000	ng	0.00
64) Phenanthrene-d10	17.172	188	849137	20.000	ng	-0.01
76) Chrysene-d12	21.624	240	847157	20.000	ng	-0.02
86) Perylene-d12	24.971	264	873039	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	1178875	115.774	ng	0.00
7) Phenol-d6	6.943	99	1479877	109.342	ng	0.00
23) Nitrobenzene-d5	8.896	82	1006405	68.995	ng	0.00
42) 2,4,6-Tribromophenol	15.889	330	585396	112.610	ng	-0.02
45) 2-Fluorobiphenyl	12.984	172	2158045	68.945	ng	0.00
79) Terphenyl-d14	19.901	244	3418819	72.601	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.314	88	135923	31.805	ng	99
3) Pyridine	3.708	79	382452	32.500	ng	99
4) n-Nitrosodimethylamine	3.614	42	204632	36.852	ng	99
6) Aniline	7.090	93	471572	25.382	ng	100
8) 2-Chlorophenol	7.331	128	434808	38.924	ng	100
9) Benzaldehyde	6.907	77	238499	29.400	ng	99
10) Phenol	6.972	94	552387	38.706	ng	99
11) bis(2-Chloroethyl)ether	7.184	93	427685	37.301	ng	96
12) 1,3-Dichlorobenzene	7.649	146	478704	37.653	ng	97
13) 1,4-Dichlorobenzene	7.790	146	489997	37.836	ng	99
14) 1,2-Dichlorobenzene	8.102	146	467804	37.183	ng	100
15) Benzyl Alcohol	7.996	79	397237	35.519	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.266	45	691145	36.860	ng	100
17) 2-Methylphenol	8.196	107	365386	37.975	ng	99
18) Hexachloroethane	8.819	117	183140	37.023	ng	97
19) n-Nitroso-di-n-propyla...	8.549	70	338007	35.806	ng	99
20) 3+4-Methylphenols	8.519	107	488522	36.254	ng	99
22) Acetophenone	8.560	105	698464	40.621	ng	# 99
24) Nitrobenzene	8.937	77	498625	38.105	ng	97
25) Isophorone	9.460	82	925880	36.113	ng	99
26) 2-Nitrophenol	9.643	139	226790	39.036	ng	95
27) 2,4-Dimethylphenol	9.707	122	397240	38.974	ng	98
28) bis(2-Chloroethoxy)met...	9.931	93	566916	38.253	ng	100
29) 2,4-Dichlorophenol	10.184	162	412664	40.608	ng	100
30) 1,2,4-Trichlorobenzene	10.384	180	439123	38.342	ng	99
31) Naphthalene	10.572	128	1302186	37.533	ng	100
32) Benzoic acid	9.872	122	303703	40.078	ng	97
33) 4-Chloroaniline	10.684	127	293810	20.318	ng	99
34) Hexachlorobutadiene	10.854	225	285624	38.741	ng	99
35) Caprolactam	11.478	113	141780m	36.192	ng	
36) 4-Chloro-3-methylphenol	11.819	107	463277	38.238	ng	97
37) 2-Methylnaphthalene	12.178	142	838936	37.649	ng	99
38) 1-Methylnaphthalene	12.395	142	860734	36.222	ng	99
40) 1,2,4,5-Tetrachloroben...	12.548	216	524326	41.516	ng	99
41) Hexachlorocyclopentadiene	12.531	237	522921	76.023	ng	99
43) 2,4,6-Trichlorophenol	12.795	196	341500	41.132	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091725\
 Data File : BP025774.D
 Acq On : 17 Sep 2025 20:35
 Operator : CG/JU
 Sample : PB169719BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169719BS

Quant Time: Sep 18 04:24:23 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:45:04 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/19/2025
 Supervised By :Jagrut Upadhyay 09/19/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.884	196	380833	41.215	ng	95
46) 1,1'-Biphenyl	13.195	154	1271773	41.573	ng	99
47) 2-Chloronaphthalene	13.237	162	931691	38.679	ng	99
48) 2-Nitroaniline	13.442	65	317780	39.576	ng	99
49) Acenaphthylene	14.089	152	1564782	39.207	ng	100
50) Dimethylphthalate	13.825	163	1232543	38.735	ng	100
51) 2,6-Dinitrotoluene	13.942	165	269502	39.977	ng	99
52) Acenaphthene	14.437	154	873516	37.952	ng	99
53) 3-Nitroaniline	14.284	138	202335	28.541	ng	99
54) 2,4-Dinitrophenol	14.501	184	319695	73.363	ng	98
55) Dibenzofuran	14.778	168	1444470	38.507	ng	98
56) 4-Nitrophenol	14.619	139	438046	72.215	ng	96
57) 2,4-Dinitrotoluene	14.742	165	389301	40.577	ng	95
58) Fluorene	15.436	166	1143758	38.344	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.013	232	332721	39.973	ng	98
60) Diethylphthalate	15.207	149	1268288	39.295	ng	100
61) 4-Chlorophenyl-phenyle...	15.425	204	578906	38.509	ng	98
62) 4-Nitroaniline	15.460	138	285861	39.361	ng	98
63) Azobenzene	15.725	77	1224620	39.240	ng	99
65) 4,6-Dinitro-2-methylph...	15.531	198	227526	40.291	ng	95
66) n-Nitrosodiphenylamine	15.648	169	1039816	40.015	ng	100
67) 4-Bromophenyl-phenylether	16.348	248	378303	40.553	ng	99
68) Hexachlorobenzene	16.466	284	406369	39.063	ng	96
69) Atrazine	16.631	200	403995	40.672	ng	98
70) Pentachlorophenol	16.819	266	541321	78.842	ng	98
71) Phenanthrene	17.213	178	1884872	39.131	ng	99
72) Anthracene	17.313	178	1929629	39.483	ng	100
73) Carbazole	17.589	167	1799258	39.599	ng	100
74) Di-n-butylphthalate	18.177	149	2260758	40.545	ng	100
75) Fluoranthene	19.307	202	2240678	38.787	ng	99
77) Benzidine	19.507	184	835116	34.222	ng	99
78) Pyrene	19.683	202	2343737	41.462	ng	99
80) Butylbenzylphthalate	20.630	149	1029397	41.533	ng	98
81) Benzo(a)anthracene	21.601	228	2298048	39.623	ng	100
82) 3,3'-Dichlorobenzidine	21.524	252	557181	27.784	ng	100
83) Chrysene	21.677	228	2198224	39.761	ng	99
84) Bis(2-ethylhexyl)phtha...	21.536	149	1492612	41.163	ng	99
85) Di-n-octyl phthalate	22.813	149	2569490	39.836	ng	100
87) Indeno(1,2,3-cd)pyrene	28.812	276	2715724	42.775	ng	# 74
88) Benzo(b)fluoranthene	23.918	252	2231239	41.793	ng	99
89) Benzo(k)fluoranthene	23.989	252	2184839	40.104	ng	99
90) Benzo(a)pyrene	24.824	252	2114441	40.442	ng	99
91) Dibenzo(a,h)anthracene	28.889	278	2200197	42.348	ng	99
92) Benzo(g,h,i)perylene	29.983	276	2209083	43.235	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091725\
 Data File : BP025775.D
 Acq On : 17 Sep 2025 21:16
 Operator : CG/JU
 Sample : PB169719BSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169719BSD

Quant Time: Sep 18 04:25:29 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:45:04 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.755	152	164703	20.000	ng	0.00
21) Naphthalene-d8	10.525	136	637233	20.000	ng	0.00
39) Acenaphthene-d10	14.372	164	413759	20.000	ng	0.00
64) Phenanthrene-d10	17.178	188	845328	20.000	ng	0.00
76) Chrysene-d12	21.630	240	850188	20.000	ng	-0.01
86) Perylene-d12	24.983	264	857103	20.000	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	1187548	116.341	ng	0.00
7) Phenol-d6	6.943	99	1497740	110.391	ng	0.00
23) Nitrobenzene-d5	8.902	82	1008718	69.826	ng	0.00
42) 2,4,6-Tribromophenol	15.889	330	585379	113.428	ng	-0.02
45) 2-Fluorobiphenyl	12.984	172	2172930	69.926	ng	0.00
79) Terphenyl-d14	19.901	244	3437645	72.740	ng	-0.01

Target Compounds					Qvalue
2) 1,4-Dioxane	3.314	88	140155	32.715	ng 99
3) Pyridine	3.708	79	388608	32.942	ng 98
4) n-Nitrosodimethylamine	3.614	42	205369	36.894	ng 98
6) Aniline	7.090	93	488835	26.246	ng 98
8) 2-Chlorophenol	7.331	128	437783	39.095	ng 99
9) Benzaldehyde	6.913	77	242697	29.844	ng 99
10) Phenol	6.972	94	558256	39.022	ng 99
11) bis(2-Chloroethyl)ether	7.184	93	437619	38.074	ng 98
12) 1,3-Dichlorobenzene	7.649	146	481264	37.762	ng 98
13) 1,4-Dichlorobenzene	7.790	146	493735	38.032	ng 99
14) 1,2-Dichlorobenzene	8.102	146	473440	37.539	ng 98
15) Benzyl Alcohol	7.996	79	399861	35.666	ng 98
16) 2,2'-oxybis(1-Chloropr...	8.272	45	695251	36.988	ng 100
17) 2-Methylphenol	8.202	107	367765	38.129	ng 99
18) Hexachloroethane	8.819	117	188643	38.042	ng 98
19) n-Nitroso-di-n-propyla...	8.549	70	344161	36.369	ng 99
20) 3+4-Methylphenols	8.525	107	497913	36.860	ng 99
22) Acetophenone	8.566	105	694903	40.806	ng 99
24) Nitrobenzene	8.943	77	503635	38.862	ng 98
25) Isophorone	9.466	82	935933	36.860	ng 99
26) 2-Nitrophenol	9.649	139	232236	40.362	ng 94
27) 2,4-Dimethylphenol	9.713	122	397141	39.343	ng 99
28) bis(2-Chloroethoxy)met...	9.937	93	561954	38.287	ng 99
29) 2,4-Dichlorophenol	10.184	162	406578	40.397	ng 98
30) 1,2,4-Trichlorobenzene	10.390	180	442026	38.970	ng 99
31) Naphthalene	10.572	128	1308580	38.084	ng 99
32) Benzoic acid	9.878	122	310336	41.351	ng 96
33) 4-Chloroaniline	10.684	127	288398	20.138	ng 99
34) Hexachlorobutadiene	10.860	225	282532	38.694	ng 99
35) Caprolactam	11.478	113	142021	36.606	ng 98
36) 4-Chloro-3-methylphenol	11.819	107	464577	38.718	ng 97
37) 2-Methylnaphthalene	12.184	142	830855	37.648	ng 98
38) 1-Methylnaphthalene	12.401	142	874135	37.144	ng 100
40) 1,2,4,5-Tetrachloroben...	12.548	216	519332	41.421	ng 99
41) Hexachlorocyclopentadiene	12.531	237	525022	76.885	ng 99
43) 2,4,6-Trichlorophenol	12.801	196	336607	40.838	ng 99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091725\
 Data File : BP025775.D
 Acq On : 17 Sep 2025 21:16
 Operator : CG/JU
 Sample : PB169719BSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB169719BSD

Quant Time: Sep 18 04:25:29 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 11 16:45:04 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.878	196	363764	39.655	ng	99
46) 1,1'-Biphenyl	13.201	154	1256026	41.357	ng	99
47) 2-Chloronaphthalene	13.243	162	927183	38.773	ng	98
48) 2-Nitroaniline	13.448	65	320953	40.263	ng	98
49) Acenaphthylene	14.090	152	1573291	39.708	ng	100
50) Dimethylphthalate	13.831	163	1223345	38.727	ng	99
51) 2,6-Dinitrotoluene	13.948	165	264565	39.531	ng	99
52) Acenaphthene	14.437	154	878336	38.440	ng	100
53) 3-Nitroaniline	14.290	138	193474	27.490	ng	95
54) 2,4-Dinitrophenol	14.507	184	319344	73.787	ng	99
55) Dibenzofuran	14.778	168	1425642	38.282	ng	99
56) 4-Nitrophenol	14.625	139	437941	72.692	ng	97
57) 2,4-Dinitrotoluene	14.748	165	385720	40.497	ng	98
58) Fluorene	15.442	166	1127137	38.062	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.019	232	326930	39.563	ng	100
60) Diethylphthalate	15.213	149	1245832	38.880	ng	100
61) 4-Chlorophenyl-phenyle...	15.431	204	566110	37.932	ng	99
62) 4-Nitroaniline	15.466	138	283646	39.340	ng	98
63) Azobenzene	15.731	77	1190017	38.409	ng	99
65) 4,6-Dinitro-2-methylph...	15.531	198	227000	40.379	ng	94
66) n-Nitrosodiphenylamine	15.660	169	1035040	40.011	ng	99
67) 4-Bromophenyl-phenylether	16.348	248	370443	39.890	ng	99
68) Hexachlorobenzene	16.466	284	398949	38.523	ng	98
69) Atrazine	16.636	200	394105	39.855	ng	98
70) Pentachlorophenol	16.825	266	544904	79.722	ng	99
71) Phenanthrene	17.225	178	1871116	39.021	ng	100
72) Anthracene	17.319	178	1900966	39.072	ng	100
73) Carbazole	17.601	167	1782815	39.414	ng	99
74) Di-n-butylphthalate	18.183	149	2172820	39.143	ng	100
75) Fluoranthene	19.313	202	2258488	39.271	ng	100
77) Benzidine	19.507	184	844260	34.474	ng	99
78) Pyrene	19.689	202	2341307	41.272	ng	99
80) Butylbenzylphthalate	20.630	149	1046003	42.053	ng	98
81) Benzo(a)anthracene	21.601	228	2337622	40.162	ng	99
82) 3,3'-Dichlorobenzidine	21.524	252	556223	27.637	ng	98
83) Chrysene	21.677	228	2189029	39.453	ng	100
84) Bis(2-ethylhexyl)phtha...	21.536	149	1492610	41.016	ng	100
85) Di-n-octyl phthalate	22.813	149	2538713	39.218	ng	99
87) Indeno(1,2,3-cd)pyrene	28.818	276	2655840	42.609	ng	# 76
88) Benzo(b)fluoranthene	23.913	252	2187404	41.733	ng	99
89) Benzo(k)fluoranthene	23.977	252	2274107	42.519	ng	100
90) Benzo(a)pyrene	24.812	252	2087891	40.677	ng	99
91) Dibenzo(a,h)anthracene	28.883	278	2174745	42.636	ng	99
92) Benzo(g,h,i)perylene	30.006	276	2173956	43.339	ng	99

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

A
B
C
D
E
F
G
H
I
J
K

[illegible]

Manual Integration Report

Sequence:	BP091225	Instrument	BNA_p
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC2.5	BP025725.D	n-Nitroso-di-n-propylamine	Rahul	9/12/2025 10:21:39 AM	Jagrut	9/12/2025 11:46:19 AM	Peak Integrated by Software
SSTDICC005	BP025726.D	4-Nitroaniline	Rahul	9/12/2025 10:21:42 AM	Jagrut	9/12/2025 11:46:21 AM	Peak Integrated by Software
SSTDICC010	BP025727.D	Benzaldehyde	Rahul	9/12/2025 10:21:45 AM	Jagrut	9/12/2025 11:46:23 AM	Peak Integrated by Software
SSTDICC010	BP025727.D	Benzoic acid	Rahul	9/12/2025 10:21:45 AM	Jagrut	9/12/2025 11:46:23 AM	Peak Integrated by Software
SSTDICC010	BP025727.D	Caprolactam	Rahul	9/12/2025 10:21:45 AM	Jagrut	9/12/2025 11:46:23 AM	Peak Integrated by Software
SSTDICC020	BP025728.D	Benzaldehyde	Rahul	9/12/2025 10:21:48 AM	Jagrut	9/12/2025 11:46:26 AM	Peak Integrated by Software
SSTDICCC040	BP025729.D	Benzaldehyde	Rahul	9/12/2025 10:21:51 AM	Jagrut	9/12/2025 11:46:29 AM	Peak Integrated by Software
SSTDICC050	BP025733.D	Benzaldehyde	Rahul	9/12/2025 10:21:53 AM	Jagrut	9/12/2025 11:49:15 AM	Peak Integrated by Software
SSTDICV040	BP025734.D	Benzaldehyde	Rahul	9/12/2025 10:21:56 AM	Jagrut	9/12/2025 11:49:18 AM	Peak Integrated by Software
SSTDICV040	BP025734.D	Benzidine	Rahul	9/12/2025 10:21:56 AM	Jagrut	9/12/2025 11:49:18 AM	Peak Integrated by Software
SSTDCCC040	BP025744.D	Benzaldehyde	Rahul	9/15/2025 8:28:08 AM	Jagrut	9/15/2025 10:12:19 AM	Peak Integrated by Software
SSTDCCC040	BP025744.D	Benzo(g,h,i)perylene	Rahul	9/15/2025 8:28:08 AM	Jagrut	9/15/2025 10:12:19 AM	Peak Integrated by Software



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

Manual Integration Report

Sequence:

BP091225

Instrument

BNA_p

Sample ID

File ID

Parameter

Review By

Review On

Supervised
By

Supervised On

Reason



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

Manual Integration Report

Sequence:	BP091725	Instrument	BNA_p
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB169719BS	BP025774.D	Caprolactam	Rahul	9/19/2025 8:47:34 AM	Jagrut	9/19/2025 10:17:58 AM	Peak Integrated by Software



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

Manual Integration Report

Sequence:

BP091925

Instrument

BNA_p

Sample ID

File ID

Parameter

Review By

Review On

Supervised
By

Supervised On

Reason

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QC Batch ID # BP091225

Review By	Rahul	Review On	9/12/2025 10:23:37 AM
Supervise By	Jagrut	Supervise On	9/12/2025 11:49:47 AM
SubDirectory	BP091225	HP Acquire Method	BNA_P
		HP Processing Method	BP091225
STD. NAME	STD REF.#		
Tune/Reschk	SP6757		
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840		
CCC	SP6836		
Internal Standard/PEM	S13174,10ul/1000ul sample		
ICV/I.BLK	SP6796		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP025724.D	11 Sep 2025 08:09	CG/JU	Ok
2	SSTDICC2.5	BP025725.D	11 Sep 2025 08:56	CG/JU	Ok,M
3	SSTDICC005	BP025726.D	11 Sep 2025 09:37	CG/JU	Ok,M
4	SSTDICC010	BP025727.D	11 Sep 2025 10:18	CG/JU	Ok,M
5	SSTDICC020	BP025728.D	11 Sep 2025 10:59	CG/JU	Ok,M
6	SSTDICCC040	BP025729.D	11 Sep 2025 12:21	CG/JU	Ok,M
7	SSTDICC050	BP025730.D	11 Sep 2025 13:02	CG/JU	Not Ok
8	SSTDICC060	BP025731.D	11 Sep 2025 13:43	CG/JU	Ok
9	SSTDICC080	BP025732.D	11 Sep 2025 14:24	CG/JU	Ok
10	SSTDICC050	BP025733.D	11 Sep 2025 15:20	CG/JU	Ok,M
11	SSTDICV040	BP025734.D	11 Sep 2025 16:54	CG/JU	Ok,M
12	PB169633BL	BP025735.D	11 Sep 2025 17:35	CG/JU	Ok
13	DFTPP	BP025736.D	12 Sep 2025 09:03	CG/JU	Ok
14	SSTDCCC040	BP025737.D	12 Sep 2025 10:24	CG/JU	Ok
15	PB169490BL	BP025738.D	12 Sep 2025 11:05	CG/JU	Ok
16	Q2893-02	BP025739.D	12 Sep 2025 11:46	CG/JU	Ok,M
17	Q2893-08	BP025740.D	12 Sep 2025 12:27	CG/JU	Ok,M
18	Q2893-01	BP025741.D	12 Sep 2025 13:08	CG/JU	Ok,M
19	Q2893-07	BP025742.D	12 Sep 2025 13:49	CG/JU	Ok,M
20	PB169499BL	BP025743.D	12 Sep 2025 14:30	CG/JU	Ok
21	SSTDCCC040	BP025744.D	12 Sep 2025 15:35	CG/JU	Ok,M

M : Manual Integration

Instrument ID: **BNA_P**

Daily Analysis Runlog For Sequence/QC Batch ID # BP091725

Review By	Rahul	Review On	9/18/2025 1:34:08 PM
Supervise By	Jagrut	Supervise On	9/18/2025 5:22:36 PM
SubDirectory	BP091725	HP Acquire Method	BNA_P
		HP Processing Method	BP091225
STD. NAME	STD REF.#		
Tune/Reschk	SP6757		
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840		
CCC	SP6836		
Internal Standard/PEM	S13175,10ul/1000ul sample		
ICV/I.BLK	SP6796		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP025768.D	17 Sep 2025 11:22	CG/JU	Ok
2	SSTDCCC040	BP025769.D	17 Sep 2025 12:03	CG/JU	Ok
3	PB169672BL	BP025770.D	17 Sep 2025 14:26	CG/JU	Ok
4	Q3015-03	BP025771.D	17 Sep 2025 15:07	CG/JU	Dilution
5	Q3015-03DL	BP025772.D	17 Sep 2025 17:51	CG/JU	Ok,M
6	Q3015-22	BP025773.D	17 Sep 2025 19:13	CG/JU	Ok
7	PB169719BS	BP025774.D	17 Sep 2025 20:35	CG/JU	Ok,M
8	PB169719BSD	BP025775.D	17 Sep 2025 21:16	CG/JU	Ok
9	PB169719BL	BP025776.D	17 Sep 2025 21:56	CG/JU	Ok
10	SSTDCCC040	BP025777.D	17 Sep 2025 22:37	CG/JU	Ok

M : Manual Integration

Instrument ID: **BNA_P**

Daily Analysis Runlog For Sequence/QCBatch ID # BP091925

Review By	Rahul	Review On	9/22/2025 8:48:31 AM
Supervise By	Jagrut	Supervise On	9/22/2025 10:06:31 AM
SubDirectory	BP091925	HP Acquire Method	BNA_P
		HP Processing Method	BP091225
STD. NAME	STD REF.#		
Tune/Reschk	SP6757		
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840		
CCC	SP6836		
Internal Standard/PEM	S13175,10ul/1000ul sample		
ICV/I.BLK	SP6796		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP025791.D	19 Sep 2025 09:31	CG/JU	Ok
2	SSTDCCC040	BP025792.D	19 Sep 2025 10:12	CG/JU	Ok
3	PB169731TB	BP025793.D	19 Sep 2025 10:53	CG/JU	Ok
4	PB169672BS	BP025794.D	19 Sep 2025 11:34	CG/JU	Ok,M
5	Q3103-01	BP025795.D	19 Sep 2025 12:20	CG/JU	Ok
6	Q3108-01	BP025796.D	19 Sep 2025 13:01	CG/JU	Ok
7	Q3083-03	BP025797.D	19 Sep 2025 13:43	CG/JU	Ok
8	Q3117-02	BP025798.D	19 Sep 2025 14:24	CG/JU	Ok
9	Q3117-02MS	BP025799.D	19 Sep 2025 15:05	CG/JU	Ok
10	Q3117-02MSD	BP025800.D	19 Sep 2025 15:47	CG/JU	Ok
11	Q3098-04	BP025801.D	19 Sep 2025 16:28	CG/JU	Ok
12	Q3098-05MS	BP025802.D	19 Sep 2025 17:09	CG/JU	Ok
13	Q3098-06MSD	BP025803.D	19 Sep 2025 17:51	CG/JU	Ok,M
14	Q3133-03	BP025804.D	19 Sep 2025 18:32	CG/JU	Ok,M
15	Q3133-03MS	BP025805.D	19 Sep 2025 19:14	CG/JU	Ok
16	Q3133-03MSD	BP025806.D	19 Sep 2025 19:55	CG/JU	Ok
17	Q3126-01	BP025807.D	19 Sep 2025 20:37	CG/JU	Dilution

M : Manual Integration

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QC Batch ID # BP091225

Review By	Rahul	Review On	9/12/2025 10:23:37 AM
Supervise By	Jagrut	Supervise On	9/12/2025 11:49:47 AM
SubDirectory	BP091225	HP Acquire Method	BNA_P
		HP Processing Method	BP091225
STD. NAME	STD REF.#		
Tune/Reschk	SP6757		
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840		
CCC	SP6836		
Internal Standard/PEM	S13174,10ul/1000ul sample		
ICV/I.BLK	SP6796		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP025724.D	11 Sep 2025 08:09		CG/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BP025725.D	11 Sep 2025 08:56		CG/JU	Ok,M
3	SSTDICC005	SSTDICC005	BP025726.D	11 Sep 2025 09:37		CG/JU	Ok,M
4	SSTDICC010	SSTDICC010	BP025727.D	11 Sep 2025 10:18		CG/JU	Ok,M
5	SSTDICC020	SSTDICC020	BP025728.D	11 Sep 2025 10:59		CG/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BP025729.D	11 Sep 2025 12:21	Compound#54 & 56 are Kept on LR	CG/JU	Ok,M
7	SSTDICC050	SSTDICC050	BP025730.D	11 Sep 2025 13:02	Not Used	CG/JU	Not Ok
8	SSTDICC060	SSTDICC060	BP025731.D	11 Sep 2025 13:43		CG/JU	Ok
9	SSTDICC080	SSTDICC080	BP025732.D	11 Sep 2025 14:24		CG/JU	Ok
10	SSTDICC050	SSTDICC050	BP025733.D	11 Sep 2025 15:20		CG/JU	Ok,M
11	SSTDICV040	ICVBP091225	BP025734.D	11 Sep 2025 16:54		CG/JU	Ok,M
12	PB169633BL	PB169633BL	BP025735.D	11 Sep 2025 17:35		CG/JU	Ok
13	DFTPP	DFTPP	BP025736.D	12 Sep 2025 09:03		CG/JU	Ok
14	SSTDCCC040	SSTDCCC040	BP025737.D	12 Sep 2025 10:24		CG/JU	Ok
15	PB169490BL	PB169490BL	BP025738.D	12 Sep 2025 11:05		CG/JU	Ok
16	Q2893-02	LOQ-SOIL-02-QT3-202	BP025739.D	12 Sep 2025 11:46	LOQ-SOIL-10PPM	CG/JU	Ok,M
17	Q2893-08	LOQ-WATER-02-QT3-2	BP025740.D	12 Sep 2025 12:27	LOQ-WATER-10 PPM	CG/JU	Ok,M

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QC Batch ID # BP091225

Review By	Rahul	Review On	9/12/2025 10:23:37 AM		
Supervise By	Jagrut	Supervise On	9/12/2025 11:49:47 AM		
SubDirectory	BP091225	HP Acquire Method	BNA_P	HP Processing Method	BP091225
STD. NAME	STD REF.#				
Tune/Reschk	SP6757				
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840				
CCC	SP6836				
Internal Standard/PEM	S13174,10ul/1000ul sample				
ICV/I.BLK	SP6796				
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

18	Q2893-01	LOD-MDL-SOIL-01-QT	BP025741.D	12 Sep 2025 13:08	LOD-MDL-SOIL-8PPM	CG/JU	Ok,M
19	Q2893-07	LOD-MDL-WATER-01-QT	BP025742.D	12 Sep 2025 13:49	LOD-MDL-WATER-8PPM	CG/JU	Ok,M
20	PB169499BL	PB169499BL	BP025743.D	12 Sep 2025 14:30		CG/JU	Ok
21	SSTDCCC040	SSTDCCC040EC	BP025744.D	12 Sep 2025 15:35		CG/JU	Ok,M

M : Manual Integration

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QC Batch ID # BP091725

Review By	Rahul	Review On	9/18/2025 1:34:08 PM		
Supervise By	Jagrut	Supervise On	9/18/2025 5:22:36 PM		
SubDirectory	BP091725	HP Acquire Method	BNA_P	HP Processing Method	BP091225
STD. NAME		STD REF.#			
Tune/Reschk		SP6757			
Initial Calibration Stds		SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840			
CCC		SP6836			
Internal Standard/PEM		S13175,10ul/1000ul sample			
ICV/I.BLK		SP6796			
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP025768.D	17 Sep 2025 11:22		CG/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP025769.D	17 Sep 2025 12:03		CG/JU	Ok
3	PB169672BL	PB169672BL	BP025770.D	17 Sep 2025 14:26		CG/JU	Ok
4	Q3015-03	WP0925-PT-BN-WP	BP025771.D	17 Sep 2025 15:07	PT Sample-Need 5X dilution	CG/JU	Dilution
5	Q3015-03DL	WP0925-PT-BN-WPDL	BP025772.D	17 Sep 2025 17:51		CG/JU	Ok,M
6	Q3015-22	WP0925-RR-TRIAZINE	BP025773.D	17 Sep 2025 19:13		CG/JU	Ok
7	PB169719BS	PB169719BS	BP025774.D	17 Sep 2025 20:35		CG/JU	Ok,M
8	PB169719BSD	PB169719BSD	BP025775.D	17 Sep 2025 21:16		CG/JU	Ok
9	PB169719BL	PB169719BL	BP025776.D	17 Sep 2025 21:56		CG/JU	Ok
10	SSTDCCC040	SSTDCCC040EC	BP025777.D	17 Sep 2025 22:37		CG/JU	Ok

M : Manual Integration

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QC Batch ID # BP091925

Review By	Rahul	Review On	9/22/2025 8:48:31 AM		
Supervise By	Jagrut	Supervise On	9/22/2025 10:06:31 AM		
SubDirectory	BP091925	HP Acquire Method	BNA_P	HP Processing Method	BP091225
STD. NAME		STD REF.#			
Tune/Reschk		SP6757			
Initial Calibration Stds		SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840			
CCC		SP6836			
Internal Standard/PEM		S13175,10ul/1000ul sample			
ICV/I.BLK		SP6796			
Surrogate Standard					
MS/MSD Standard					
LCS Standard					

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP025791.D	19 Sep 2025 09:31		CG/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP025792.D	19 Sep 2025 10:12		CG/JU	Ok
3	PB169731TB	PB169731TB	BP025793.D	19 Sep 2025 10:53		CG/JU	Ok
4	PB169672BS	PB169672BS	BP025794.D	19 Sep 2025 11:34		CG/JU	Ok,M
5	Q3103-01	TW-WTS-14	BP025795.D	19 Sep 2025 12:20		CG/JU	Ok
6	Q3108-01	MW2	BP025796.D	19 Sep 2025 13:01		CG/JU	Ok
7	Q3083-03	MW3S	BP025797.D	19 Sep 2025 13:43		CG/JU	Ok
8	Q3117-02	7211986-357	BP025798.D	19 Sep 2025 14:24		CG/JU	Ok
9	Q3117-02MS	7211986-357MS	BP025799.D	19 Sep 2025 15:05		CG/JU	Ok
10	Q3117-02MSD	7211986-357MSD	BP025800.D	19 Sep 2025 15:47		CG/JU	Ok
11	Q3098-04	EFF-WW	BP025801.D	19 Sep 2025 16:28	Surrogate Fail	CG/JU	Ok
12	Q3098-05MS	EFF-WWMS	BP025802.D	19 Sep 2025 17:09		CG/JU	Ok
13	Q3098-06MSD	EFF-WWMSD	BP025803.D	19 Sep 2025 17:51		CG/JU	Ok,M
14	Q3133-03	VNJ-222	BP025804.D	19 Sep 2025 18:32		CG/JU	Ok,M
15	Q3133-03MS	VNJ-222MS	BP025805.D	19 Sep 2025 19:14		CG/JU	Ok
16	Q3133-03MSD	VNJ-222MSD	BP025806.D	19 Sep 2025 19:55		CG/JU	Ok
17	Q3126-01	OK-01-091725	BP025807.D	19 Sep 2025 20:37	Need Further 2X Dilution	CG/JU	Dilution

M : Manual Integration

SOP ID:	M3510C,3580A-Extraction SVOC-21		
Clean Up SOP #:	N/A	Extraction Start Date :	09/17/2025
Matrix :	Water	Extraction Start Time :	09:05
Weigh By:	N/A	Extraction By:	RJ
Balance check:	N/A	Extraction End Date :	09/17/2025
Balance ID:	N/A	Filter By:	RJ
pH Strip Lot#:	E3953	Extraction End Time :	14:15
		pH Meter ID:	N/A
		Concentration By:	EH
		Supervisor By :	ritesh
Extraction Method:	☒ Separatory Funnel ☐ Continuous Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☐ Soxhlet		

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	50/100 PPM	SP6865
Surrogate	1.0ML	100/150 PPM	SP6869
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Methylene Chloride	N/A	E3973
Baked Na2SO4	N/A	EP2639
H2SO4 1:1	N/A	EP2610
10N NaOH	N/A	EP2609
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:

pH Adjusted to < 2 with 1:1 H2SO4 & >12 with 10N NaOH, 1.5ML Vial Lot # 2210443.

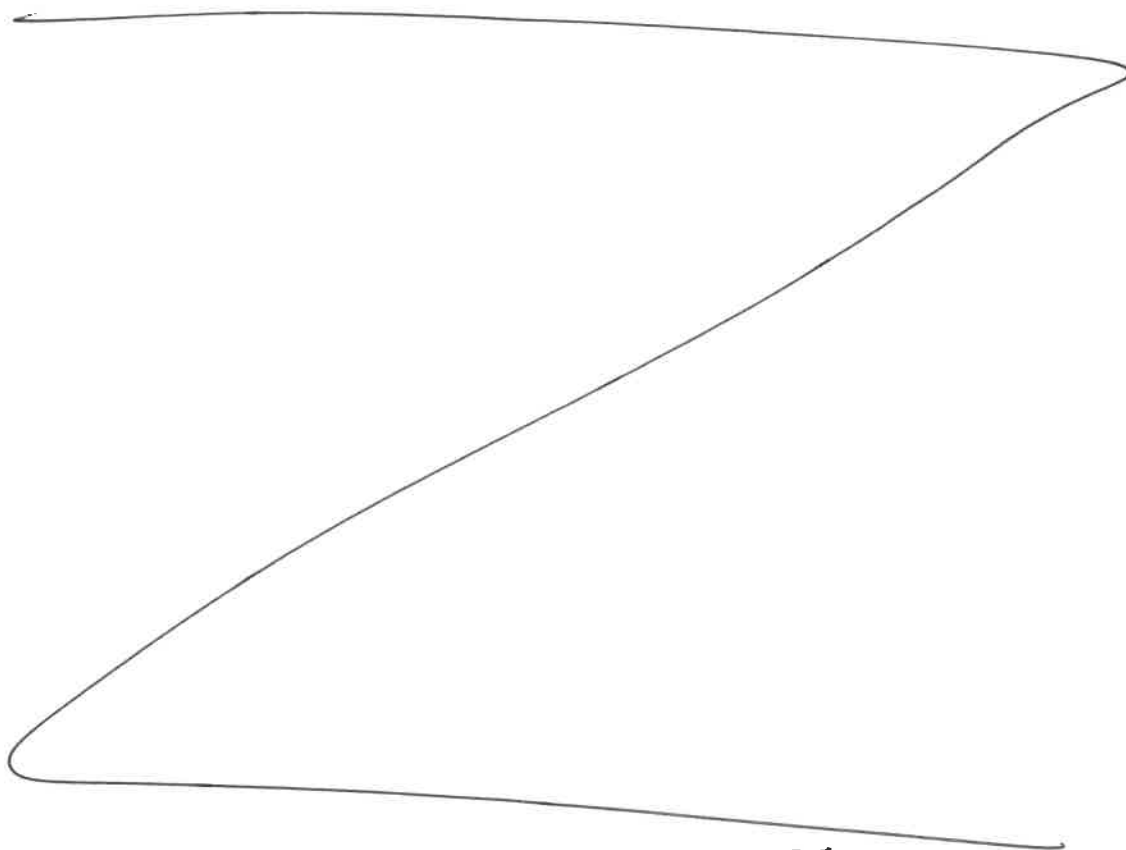
KD Bath ID:	WATER BATH-1,2	Envap ID:	NE VAP-02
KD Bath Temperature:	60 °C	Envap Temperature:	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
9/17/25	RJ (Ext-Lab)	RCL/voc
14:20	Preparation Group	Analysis Group

Analytical Method: M3510C,3580A-Extraction SVOC-21

Concentration Date: 09/17/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB169719BL	SBLK719	SVOCMS Group2	1000	6	ritesh	Evelyn	1			SEP-1
PB169719BS	SLCS719	SVOCMS Group2	1000	6	ritesh	Evelyn	1			2
PB169719BS D	SLCSD719	SVOCMS Group2	1000	6	ritesh	Evelyn	1			3
Q3015-03	WP0925-PT-BN-WP	SVOCMS Group1	1000	6	ritesh	Evelyn	1			4
Q3015-06	WP0925-PT-ACIDS-WP	SVOCMS Group2	1000	6	ritesh	Evelyn	1			5
Q3015-22	WP0925-RR-TRIAZINE-WP	SVOCMS Group6	1000	6	ritesh	Evelyn	1			6
Q3083-03	MW3S	SVOCMS Group2	1000	6	ritesh	Evelyn	1	F		7
Q3103-01	TW-WTS-14	SVOCMS Group4	1000	6	ritesh	Evelyn	1	D		8
Q3108-01	MW2	SVOCMS Group1	1000	6	ritesh	Evelyn	1	C		9



RJ
9/17

164719
9:05

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3108 WorkList ID : 191910 Department : Extraction Date : 09-17-2025 09:00:24

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3015-03	WP0925-PT-BN-WP	Water	SVOCMS Group1	Cool 4 deg C	ALLI03	QA Of	09/02/2025	8270E
Q3015-06	WP0925-PT-ACIDS-WP	Water	SVOCMS Group2	Cool 4 deg C	ALLI03	QA Of	09/02/2025	8270E
Q3015-22	WP0925-RR-TRIAZINE-WP	Water	SVOCMS Group6	Cool 4 deg C	ALLI03	QA Of	09/05/2025	8270E
Q3083-03	MW3S	Water	SVOCMS Group2	Cool 4 deg C	GENV01	D31	09/11/2025	8270E
Q3103-01	TW-WTS-14	Water	SVOCMS Group4	Cool 4 deg C	ENTA05	J22	09/15/2025	8270E
Q3108-01	MW2	Water	SVOCMS Group1	Cool 4 deg C	GENV01	A11	09/15/2025	8270E

Date/Time 9/17/25 9:00
Raw Sample Received by: RJ (EAT-1celo)
Raw Sample Relinquished by: [Signature] SH

Date/Time 9/17/25 9:30
Raw Sample Received by: [Signature] SH
Raw Sample Relinquished by: RJ (EAT-1celo)



LAB CHRONICLE

OrderID:	Q3083	OrderDate:	9/11/2025 1:25:37 PM
Client:	G Environmental	Project:	Blanchard
Contact:	Gary Landis	Location:	D31,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3083-03	MW3S	Water	SVOCMS Group2	8270E	09/11/25	09/17/25	09/19/25	09/11/25
			SVOC-SIM	8270-Modified		09/15/25	09/18/25	
Q3083-03DL	MW3SDL	Water	SVOC-SIM	8270-Modified	09/11/25	09/15/25	09/19/25	09/11/25