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

Hit Summary Sheet
SW-846

SDG No.: Q2372

Client: G Environmental

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
Client ID : GAV1W									
Q2372-01	GAV1W	WATER	2-(2-Butoxyethoxy)acetic acid	*	190.000	J	0	0	ug/L
Q2372-01	GAV1W	WATER	D-Allothreonine	*	770.000	J	0	0	ug/L
Q2372-01	GAV1W	WATER	Dibutyl 3,6,9,12-tetraoxatetradeca	*	140.000	J	0	0	ug/L
Q2372-01	GAV1W	WATER	Ethanol, 2-(2-butoxyethoxy)-	*	15.700	J	0	0	ug/L
Q2372-01	GAV1W	WATER	Ethanol, 2-[2-(2-butoxyethoxy)etl	*	46.400	J	0	0	ug/L
Q2372-01	GAV1W	WATER	Ethanol, 2-butoxy-	*	19.300	J	0	0	ug/L
			Total Tics :		**1,181.40**				
			Total Concentration:		**1,181.40**				

SAMPLE DATA

Raw Data: **BF142820.D**

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

Client:	G Environmental	Date Collected:	06/19/25
Project:	Ave B	Date Received:	06/19/25
Client Sample ID:	GAV1W	SDG No.:	Q2372
Lab Sample ID:	Q2372-01	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	980 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
BF142820.D	1	06/24/25 08:39	06/24/25 15:28	PB168592

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	4.00	U	4.00	10.2	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.83	U	0.83	5.10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1.30	5.10	ug/L
98-86-2	Acetophenone	0.76	U	0.76	5.10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.40	U	1.40	2.60	ug/L
67-72-1	Hexachloroethane	0.66	U	0.66	5.10	ug/L
98-95-3	Nitrobenzene	0.78	U	0.78	5.10	ug/L
78-59-1	Isophorone	0.77	U	0.77	5.10	ug/L
111-91-1	bis(2-Chloroethoxy)methane	0.69	U	0.69	5.10	ug/L
91-20-3	Naphthalene	0.51	U	0.51	5.10	ug/L
106-47-8	4-Chloroaniline	0.86	U	0.86	5.10	ug/L
87-68-3	Hexachlorobutadiene	0.55	U	0.55	5.10	ug/L
105-60-2	Caprolactam	1.20	U	1.20	10.2	ug/L
91-57-6	2-Methylnaphthalene	0.57	U	0.57	5.10	ug/L
77-47-4	Hexachlorocyclopentadiene	3.70	U	3.70	10.2	ug/L
92-52-4	1,1-Biphenyl	0.54	U	0.54	5.10	ug/L
91-58-7	2-Chloronaphthalene	0.62	U	0.62	5.10	ug/L
88-74-4	2-Nitroaniline	1.30	U	1.30	5.10	ug/L
131-11-3	Dimethylphthalate	0.62	U	0.62	5.10	ug/L
208-96-8	Acenaphthylene	0.77	U	0.77	5.10	ug/L
606-20-2	2,6-Dinitrotoluene	0.94	U	0.94	5.10	ug/L
99-09-2	3-Nitroaniline	1.10	U	1.10	5.10	ug/L
83-32-9	Acenaphthene	0.56	U	0.56	5.10	ug/L
132-64-9	Dibenzofuran	0.62	U	0.62	5.10	ug/L
121-14-2	2,4-Dinitrotoluene	1.20	U	1.20	5.10	ug/L
84-66-2	Diethylphthalate	0.70	U	0.70	5.10	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.69	U	0.69	5.10	ug/L
86-73-7	Fluorene	0.64	U	0.64	5.10	ug/L
100-01-6	4-Nitroaniline	1.50	U	1.50	5.10	ug/L

Raw Data: **BF142820.D**

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

Client:	G Environmental			Date Collected:	06/19/25
Project:	Ave B			Date Received:	06/19/25
Client Sample ID:	GAV1W			SDG No.:	Q2372
Lab Sample ID:	Q2372-01			Matrix:	Water
Analytical Method:	8270E			% Solid:	0
Sample Wt/Vol:	980	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
BF142820.D	1	06/24/25 08:39	06/24/25 15:28	PB168592

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
86-30-6	n-Nitrosodiphenylamine	0.59	U	0.59	5.10	ug/L
101-55-3	4-Bromophenyl-phenylether	0.41	U	0.41	5.10	ug/L
118-74-1	Hexachlorobenzene	0.53	U	0.53	5.10	ug/L
1912-24-9	Atrazine	1.00	U	1.00	5.10	ug/L
85-01-8	Phenanthrene	0.51	U	0.51	5.10	ug/L
120-12-7	Anthracene	0.62	U	0.62	5.10	ug/L
86-74-8	Carbazole	0.73	U	0.73	5.10	ug/L
84-74-2	Di-n-butylphthalate	1.20	U	1.20	5.10	ug/L
206-44-0	Fluoranthene	0.84	U	0.84	5.10	ug/L
129-00-0	Pyrene	0.51	U	0.51	5.10	ug/L
85-68-7	Butylbenzylphthalate	2.00	U	2.00	5.10	ug/L
91-94-1	3,3-Dichlorobenzidine	0.95	U	0.95	10.2	ug/L
56-55-3	Benzo(a)anthracene	0.46	U	0.46	5.10	ug/L
218-01-9	Chrysene	0.45	U	0.45	5.10	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.60	U	1.60	5.10	ug/L
117-84-0	Di-n-octyl phthalate	2.40	U	2.40	10.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.50	U	0.50	5.10	ug/L
207-08-9	Benzo(k)fluoranthene	0.49	U	0.49	5.10	ug/L
50-32-8	Benzo(a)pyrene	0.56	U	0.56	5.10	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.60	U	0.60	5.10	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.68	U	0.68	5.10	ug/L
191-24-2	Benzo(g,h,i)perylene	0.70	U	0.70	5.10	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.53	U	0.53	5.10	ug/L
123-91-1	1,4-Dioxane	1.00	U	1.00	5.10	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	70.6		15 (23) - 110 (138)	47%	SPK: 150
13127-88-3	Phenol-d6	43.9		15 (10) - 110 (134)	29%	SPK: 150
4165-60-0	Nitrobenzene-d5	82.3		30 (67) - 130 (132)	82%	SPK: 100
321-60-8	2-Fluorobiphenyl	88.0		30 (52) - 130 (132)	88%	SPK: 100
118-79-6	2,4,6-Tribromophenol	132		15 (44) - 110 (137)	88%	SPK: 150

Raw Data: **BF142820.D**

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

Client:	G Environmental			Date Collected:	06/19/25
Project:	Ave B			Date Received:	06/19/25
Client Sample ID:	GAV1W			SDG No.:	Q2372
Lab Sample ID:	Q2372-01			Matrix:	Water
Analytical Method:	8270E			% Solid:	0
Sample Wt/Vol:	980	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
BF142820.D	1	06/24/25 08:39	06/24/25 15:28	PB168592

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1718-51-0	Terphenyl-d14	47.5		30 (42) - 130 (152)	47%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	69200	6.881			
1146-65-2	Naphthalene-d8	242000	8.163			
15067-26-2	Acenaphthene-d10	106000	9.922			
1517-22-2	Phenanthrene-d10	180000	11.41			
1719-03-5	Chrysene-d12	193000	14.057			
1520-96-3	Perylene-d12	145000	15.545			
TENTATIVE IDENTIFIED COMPOUNDS						
000111-76-2	Ethanol, 2-butoxy-	19.3	J		5.83	ug/L
000112-34-5	Ethanol, 2-(2-butoxyethoxy)-	15.7	J		8.07	ug/L
082941-26-2	2-(2-Butoxyethoxy)acetic acid	190	J		9.18	ug/L
000143-22-6	Ethanol, 2-[2-(2-butoxyethoxy)etho	46.4	J		9.68	ug/L
024830-94-2	D-Allothreonine	770	J		10.6	ug/L
1010366-80-2	Dibutyl 3,6,9,12-tetraoxatetradeca	140	J		11.7	ug/L

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

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

QC SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Surrogate Summary

SW-846

SDG No.: Q2372

Client: G Environmental

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB168592BL	PB168592BL	Nitrobenzene-d5	100	75.7	76		30 (67)	130 (132)
		2-Fluorobiphenyl	100	74.9	75		30 (52)	130 (132)
		Terphenyl-d14	100	68.3	68		30 (42)	130 (152)
PB168592BS	PB168592BS	Nitrobenzene-d5	100	74.3	74		30 (67)	130 (132)
		2-Fluorobiphenyl	100	75.6	76		30 (52)	130 (132)
		Terphenyl-d14	100	62.7	63		30 (42)	130 (152)
PB168592BSD	PB168592BSD	Nitrobenzene-d5	100	73.6	74		30 (67)	130 (132)
		2-Fluorobiphenyl	100	73.3	73		30 (52)	130 (132)
		Terphenyl-d14	100	70.2	70		30 (42)	130 (152)
Q2372-01	GAV1W	Nitrobenzene-d5	100	82.3	82		30 (67)	130 (132)
		2-Fluorobiphenyl	100	88.0	88		30 (52)	130 (132)
		Terphenyl-d14	100	47.5	47		30 (42)	130 (152)

( ) = LABORATORY INHOUSE LIMIT

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2372

Client: G Environmental

Analytical Method: 8270E **DataFile:** BF142836.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB168592BS	Benzaldehyde	50	38.2	ug/L	76				20 (10)	160 (162)	
	bis(2-Chloroethyl)ether	50	43.2	ug/L	86				70 (62)	130 (103)	
	2,2-oxybis(1-Chloropropane)	50	41.2	ug/L	82				70 (65)	130 (100)	
	Acetophenone	50	44.5	ug/L	89				70 (60)	130 (104)	
	N-Nitroso-di-n-propylamine	50	41.5	ug/L	83				70 (57)	130 (107)	
	Hexachloroethane	50	42.8	ug/L	86				20 (76)	160 (118)	
	Nitrobenzene	50	44.0	ug/L	88				70 (58)	130 (106)	
	Isophorone	50	43.8	ug/L	88				70 (61)	130 (102)	
	bis(2-Chloroethoxy)methane	50	43.7	ug/L	87				70 (58)	130 (109)	
	Naphthalene	50	43.6	ug/L	87				70 (64)	130 (107)	
	4-Chloroaniline	50	23.4	ug/L	47		*		70 (10)	130 (85)	
	Hexachlorobutadiene	50	44.5	ug/L	89				70 (69)	130 (101)	
	Caprolactam	50	47.5	ug/L	95				20 (58)	160 (128)	
	2-Methylnaphthalene	50	43.2	ug/L	86				70 (64)	130 (107)	
	Hexachlorocyclopentadiene	100	93.9	ug/L	94				20 (36)	160 (160)	
	1,1-Biphenyl	50	44.3	ug/L	89				70 (72)	130 (98)	
	2-Chloronaphthalene	50	43.9	ug/L	88				70 (59)	130 (106)	
	2-Nitroaniline	50	42.9	ug/L	86				70 (73)	130 (114)	
	Dimethylphthalate	50	44.4	ug/L	89				70 (64)	130 (103)	
	Acenaphthylene	50	43.7	ug/L	87				70 (79)	130 (103)	
	2,6-Dinitrotoluene	50	44.2	ug/L	88				70 (64)	130 (110)	
	3-Nitroaniline	50	24.7	ug/L	49		*		70 (28)	130 (100)	
	Acenaphthene	50	48.3	ug/L	97				70 (59)	130 (113)	
	Dibenzofuran	50	43.1	ug/L	86				70 (65)	130 (106)	
	2,4-Dinitrotoluene	50	46.0	ug/L	92				70 (60)	130 (115)	
	Diethylphthalate	50	45.5	ug/L	91				70 (63)	130 (105)	
	4-Chlorophenyl-phenylether	50	43.5	ug/L	87				70 (61)	130 (104)	
	Fluorene	50	43.0	ug/L	86				70 (64)	130 (107)	
	4-Nitroaniline	50	44.2	ug/L	88				70 (55)	130 (125)	
	N-Nitrosodiphenylamine	50	44.2	ug/L	88				70 (61)	130 (109)	
	4-Bromophenyl-phenylether	50	45.6	ug/L	91				70 (73)	130 (103)	
	Hexachlorobenzene	50	44.3	ug/L	89				70 (73)	130 (106)	
	Atrazine	50	51.6	ug/L	103				70 (76)	130 (120)	
	Phenanthrene	50	44.4	ug/L	89				70 (62)	130 (109)	
	Anthracene	50	44.6	ug/L	89				70 (65)	130 (110)	
	Carbazole	50	45.5	ug/L	91				70 (62)	130 (106)	
	Di-n-butylphthalate	50	51.4	ug/L	103				70 (64)	130 (106)	
	Fluoranthene	50	46.9	ug/L	94				70 (64)	130 (110)	
	Pyrene	50	35.7	ug/L	71				70 (71)	130 (103)	
	Butylbenzylphthalate	50	50.2	ug/L	100				70 (61)	130 (105)	
	3,3-Dichlorobenzidine	50	19.3	ug/L	39		*		70 (43)	130 (108)	
	Benzo(a)anthracene	50	43.6	ug/L	87				70 (62)	130 (107)	
	Chrysene	50	45.6	ug/L	91				70 (61)	130 (108)	
	bis(2-Ethylhexyl)phthalate	50	51.1	ug/L	102				70 (59)	130 (110)	

( ) = LABORATORY INHOUSE LIMIT

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2372

Client: G Environmental

Analytical Method: 8270E **DataFile:** BF142836.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB168592BS	Di-n-octyl phthalate	50	47.0	ug/L	94				70 (52)	130 (139)	
	Benzo(b)fluoranthene	50	45.2	ug/L	90				70 (77)	130 (113)	
	Benzo(k)fluoranthene	50	48.9	ug/L	98				70 (77)	130 (105)	
	Benzo(a)pyrene	50	45.8	ug/L	92				70 (72)	130 (131)	
	Indeno(1,2,3-cd)pyrene	50	40.8	ug/L	82				70 (72)	130 (105)	
	Dibenz(a,h)anthracene	50	40.8	ug/L	82				70 (78)	130 (115)	
	Benzo(g,h,i)perylene	50	40.8	ug/L	82				70 (75)	130 (118)	
	1,2,4,5-Tetrachlorobenzene	50	44.5	ug/L	89				70 (72)	130 (101)	
	1,4-Dioxane	50	35.1	ug/L	70				20 (38)	160 (125)	

( ) = LABORATORY INHOUSE LIMIT

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2372

Client: G Environmental

Analytical Method: 8270E **DataFile:** BF142837.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB168592BSD	Benzaldehyde	50	38.7	ug/L	77	1			20 (10)	160 (162)	20 (20)
	bis(2-Chloroethyl)ether	50	43.2	ug/L	86	0			70 (62)	130 (103)	20 (20)
	2,2-oxybis(1-Chloropropane)	50	41.3	ug/L	83	0			70 (65)	130 (100)	20 (20)
	Acetophenone	50	43.1	ug/L	86	3			70 (60)	130 (104)	20 (20)
	N-Nitroso-di-n-propylamine	50	43.1	ug/L	86	4			70 (57)	130 (107)	20 (20)
	Hexachloroethane	50	42.2	ug/L	84	1			20 (76)	160 (118)	20 (20)
	Nitrobenzene	50	42.4	ug/L	85	4			70 (58)	130 (106)	20 (20)
	Isophorone	50	43.5	ug/L	87	1			70 (61)	130 (102)	20 (20)
	bis(2-Chloroethoxy)methane	50	43.4	ug/L	87	1			70 (58)	130 (109)	20 (20)
	Naphthalene	50	42.8	ug/L	86	2			70 (64)	130 (107)	20 (20)
	4-Chloroaniline	50	18.2	ug/L	36	25	*	*	70 (10)	130 (85)	20 (20)
	Hexachlorobutadiene	50	43.5	ug/L	87	2			70 (69)	130 (101)	20 (20)
	Caprolactam	50	47.4	ug/L	95	0			20 (58)	160 (128)	20 (20)
	2-Methylnaphthalene	50	43.0	ug/L	86	0			70 (64)	130 (107)	20 (20)
	Hexachlorocyclopentadiene	100	92.4	ug/L	92	2			20 (36)	160 (160)	20 (20)
	1,1-Biphenyl	50	43.4	ug/L	87	2			70 (72)	130 (98)	20 (20)
	2-Chloronaphthalene	50	42.5	ug/L	85	3			70 (59)	130 (106)	20 (20)
	2-Nitroaniline	50	43.3	ug/L	87	1			70 (73)	130 (114)	20 (20)
	Dimethylphthalate	50	44.3	ug/L	89	0			70 (64)	130 (103)	20 (20)
	Acenaphthylene	50	42.6	ug/L	85	3			70 (79)	130 (103)	20 (20)
	2,6-Dinitrotoluene	50	44.4	ug/L	89	0			70 (64)	130 (110)	20 (20)
	3-Nitroaniline	50	24.2	ug/L	48	2	*		70 (28)	130 (100)	20 (20)
	Acenaphthene	50	47.1	ug/L	94	3			70 (59)	130 (113)	20 (20)
	Dibenzofuran	50	42.5	ug/L	85	1			70 (65)	130 (106)	20 (20)
	2,4-Dinitrotoluene	50	45.1	ug/L	90	2			70 (60)	130 (115)	20 (20)
	Diethylphthalate	50	45.0	ug/L	90	1			70 (63)	130 (105)	20 (20)
	4-Chlorophenyl-phenylether	50	42.4	ug/L	85	3			70 (61)	130 (104)	20 (20)
	Fluorene	50	42.6	ug/L	85	1			70 (64)	130 (107)	20 (20)
	4-Nitroaniline	50	43.6	ug/L	87	1			70 (55)	130 (125)	20 (20)
	N-Nitrosodiphenylamine	50	44.4	ug/L	89	0			70 (61)	130 (109)	20 (20)
	4-Bromophenyl-phenylether	50	45.4	ug/L	91	0			70 (73)	130 (103)	20 (20)
	Hexachlorobenzene	50	44.4	ug/L	89	0			70 (73)	130 (106)	20 (20)
	Atrazine	50	51.4	ug/L	103	0			70 (76)	130 (120)	20 (20)
	Phenanthrene	50	44.3	ug/L	89	0			70 (62)	130 (109)	20 (20)
	Anthracene	50	44.2	ug/L	88	1			70 (65)	130 (110)	20 (20)
	Carbazole	50	44.9	ug/L	90	1			70 (62)	130 (106)	20 (20)
	Di-n-butylphthalate	50	50.6	ug/L	101	2			70 (64)	130 (106)	20 (20)
	Fluoranthene	50	45.8	ug/L	92	2			70 (64)	130 (110)	20 (20)
	Pyrene	50	40.4	ug/L	81	12			70 (71)	130 (103)	20 (20)
	Butylbenzylphthalate	50	51.5	ug/L	103	3			70 (61)	130 (105)	20 (20)
	3,3-Dichlorobenzidine	50	19.6	ug/L	39	2	*		70 (43)	130 (108)	20 (20)
	Benzo(a)anthracene	50	44.8	ug/L	90	3			70 (62)	130 (107)	20 (20)
	Chrysene	50	45.9	ug/L	92	1			70 (61)	130 (108)	20 (20)
	bis(2-Ethylhexyl)phthalate	50	51.5	ug/L	103	1			70 (59)	130 (110)	20 (20)

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2372

Client: G Environmental

Analytical Method: 8270E **DataFile:** BF142837.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB168592BSD	Di-n-octyl phthalate	50	48.5	ug/L	97	3			70 (52)	130 (139)	20 (20)
	Benzo(b)fluoranthene	50	45.5	ug/L	91	1			70 (77)	130 (113)	20 (20)
	Benzo(k)fluoranthene	50	46.8	ug/L	94	4			70 (77)	130 (105)	20 (20)
	Benzo(a)pyrene	50	45.8	ug/L	92	0			70 (72)	130 (131)	20 (20)
	Indeno(1,2,3-cd)pyrene	50	42.1	ug/L	84	3			70 (72)	130 (105)	20 (20)
	Dibenz(a,h)anthracene	50	42.4	ug/L	85	4			70 (78)	130 (115)	20 (20)
	Benzo(g,h,i)perylene	50	42.6	ug/L	85	4			70 (75)	130 (118)	20 (20)
	1,2,4,5-Tetrachlorobenzene	50	43.7	ug/L	87	2			70 (72)	130 (101)	20 (20)
	1,4-Dioxane	50	35.5	ug/L	71	1			20 (38)	160 (125)	20 (20)

( ) = LABORATORY INHOUSE LIMIT

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB168592BL

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2372 SAS No.: Q2372 SDG NO.: Q2372

Lab File ID: BF142835.D Lab Sample ID: PB168592BL

Instrument ID: BNA_F Date Extracted: 06/24/2025

Matrix: (soil/water) Water Date Analyzed: 06/25/2025

Level: (low/med) LOW Time Analyzed: 13:55

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB168592BS	PB168592BS	BF142836.D	06/25/2025
PB168592BSD	PB168592BSD	BF142837.D	06/25/2025
GAV1W	Q2372-01	BF142820.D	06/24/2025

COMMENTS:

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM SAS No.: Q2372 SDG NO.: Q2372

Lab File ID: BF142787.D DFTPP Injection Date: 06/19/2025

Instrument ID: BNA_F DFTPP Injection Time: 16:37

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.6 (1.8) 1
69	Mass 69 relative abundance	30.9
70	Less than 2.0% of mass 69	0.1 (0.5) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.8
365	Greater than 1% of mass 198	3.3
441	Present, but less than mass 443	15
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.1 (19.1) 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	BF142788.D	06/19/2025	17:07
SSTDICC005	SSTDICC005	BF142789.D	06/19/2025	17:38
SSTDICC010	SSTDICC010	BF142790.D	06/19/2025	18:08
SSTDICC020	SSTDICC020	BF142791.D	06/19/2025	18:39
SSTDICCC040	SSTDICCC040	BF142792.D	06/19/2025	19:09
SSTDICC050	SSTDICC050	BF142793.D	06/19/2025	19:40
SSTDICC060	SSTDICC060	BF142794.D	06/19/2025	20:10
SSTDICC080	SSTDICC080	BF142795.D	06/19/2025	20:40

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM SAS No.: Q2372 SDG NO.: Q2372

Lab File ID: BF142810.D DFTPP Injection Date: 06/24/2025

Instrument ID: BNA_F DFTPP Injection Time: 09:46

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	34.4
70	Less than 2.0% of mass 69	0.1 (0.4) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.5
365	Greater than 1% of mass 198	3.3
441	Present, but less than mass 443	15.5
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.2 (19.2) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF142811.D	06/24/2025	10:16
GAV1W	Q2372-01	BF142820.D	06/24/2025	15:28

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM SAS No.: Q2372 SDG NO.: Q2372

Lab File ID: BF142833.D DFTPP Injection Date: 06/25/2025

Instrument ID: BNA_F DFTPP Injection Time: 12:17

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.1 (0.4) 1
69	Mass 69 relative abundance	28.5
70	Less than 2.0% of mass 69	0.0 (0.0) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6
365	Greater than 1% of mass 198	3.1
441	Present, but less than mass 443	14.9
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	18.8 (18.8) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF142834.D	06/25/2025	13:25
PB168592BL	PB168592BL	BF142835.D	06/25/2025	13:55
PB168592BS	PB168592BS	BF142836.D	06/25/2025	14:25
PB168592BSD	PB168592BSD	BF142837.D	06/25/2025	14:55

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q2372 SAS No.: Q2372 SDG NO.: Q2372

EPA Sample No.: SSTDCCC040 Date Analyzed: 06/24/2025

Lab File ID: BF142811.D Time Analyzed: 10:16

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	88364	6.88	335549	8.16	179366	9.92
	UPPER LIMIT	176728	7.38	671098	8.663	358732	10.421
	LOWER LIMIT	44182	6.38	167775	7.663	89683	9.421
	EPA SAMPLE NO.						
01	GAV1W	69183	6.88	242235	8.16	106484	9.92

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

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

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q2372 SAS No.: Q2372 SDG NO.: Q2372

EPA Sample No.: SSTDCCC040 Date Analyzed: 06/24/2025

Lab File ID: BF142811.D Time Analyzed: 10:16

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	300319	11.41	163667	14.056	187854	15.545
	UPPER LIMIT	600638	11.91	327334	14.556	375708	16.045
	LOWER LIMIT	150160	10.91	81833.5	13.556	93927	15.045
	EPA SAMPLE NO.						
01	GAV1W	179849	11.41	193130	14.06	144569	15.55

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

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

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

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q2372 SAS No.: Q2372 SDG NO.: Q2372

EPA Sample No.: SSTDCCC040 Date Analyzed: 06/25/2025

Lab File ID: BF142834.D Time Analyzed: 13:25

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	62666	6.881	217016	8.16	105351	9.92
	UPPER LIMIT	125332	7.381	434032	8.663	210702	10.422
	LOWER LIMIT	31333	6.381	108508	7.663	52675.5	9.422
	EPA SAMPLE NO.						
01	PB168592BL	83049	6.88	315982	8.16	166060	9.92
02	PB168592BS	81651	6.88	296393	8.16	150433	9.92
03	PB168592BSD	83905	6.88	314873	8.16	163617	9.92

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

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

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q2372 SAS No.: Q2372 SDG NO.: Q2372

EPA Sample No.: SSTDCCC040 Date Analyzed: 06/25/2025

Lab File ID: BF142834.D Time Analyzed: 13:25

Instrument ID: BNA_F GC Column: DB-UI ID: 0.18 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	165051	11.41	130450	14.057	161869	15.551
	UPPER LIMIT	330102	11.91	260900	14.557	323738	16.051
	LOWER LIMIT	82525.5	10.91	65225	13.557	80934.5	15.051
	EPA SAMPLE NO.						
01	PB168592BL	291883	11.40	193847	14.05	187448	15.55
02	PB168592BS	242210	11.41	173489	14.06	196328	15.55
03	PB168592BSD	262901	11.41	161274	14.06	186310	15.55

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

Raw Data: **BF142835.D**

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Ave B	Date Received:	
Client Sample ID:	PB168592BL	SDG No.:	Q2372
Lab Sample ID:	PB168592BL	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
BF142835.D	1	06/24/25 08:39	06/25/25 13:55	PB168592

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

Raw Data: **BF142835.D**

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Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Ave B			Date Received:	
Client Sample ID:	PB168592BL			SDG No.:	Q2372
Lab Sample ID:	PB168592BL			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
BF142835.D	1	06/24/25 08:39	06/25/25 13:55	PB168592

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	118		15 (10) - 110 (134)	78%	SPK: 150
4165-60-0	Nitrobenzene-d5	75.7		30 (67) - 130 (132)	76%	SPK: 100
321-60-8	2-Fluorobiphenyl	74.9		30 (52) - 130 (132)	75%	SPK: 100
118-79-6	2,4,6-Tribromophenol	126		15 (44) - 110 (137)	84%	SPK: 150

Raw Data: **BF142835.D**

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Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Ave B			Date Received:	
Client Sample ID:	PB168592BL			SDG No.:	Q2372
Lab Sample ID:	PB168592BL			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
BF142835.D	1	06/24/25 08:39	06/25/25 13:55	PB168592

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1718-51-0	Terphenyl-d14	68.3		30 (42) - 130 (152)	68%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	83000	6.875			
1146-65-2	Naphthalene-d8	316000	8.157			
15067-26-2	Acenaphthene-d10	166000	9.916			
1517-22-2	Phenanthrene-d10	292000	11.404			
1719-03-5	Chrysene-d12	194000	14.051			
1520-96-3	Perylene-d12	187000	15.545			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	9.20	A		5.11	ug/L
006311-48-4	(1,1-Biphenyl)-4,4-diamine, N,N	5.00	J		17.2	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

Raw Data: **BF142836.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Ave B	Date Received:	
Client Sample ID:	PB168592BS	SDG No.:	Q2372
Lab Sample ID:	PB168592BS	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
BF142836.D	1	06/24/25 08:39	06/25/25 14:25	PB168592

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	38.2		3.90	10.0	ug/L
111-44-4	bis(2-Chloroethyl)ether	43.2		0.81	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	41.2		1.30	5.00	ug/L
98-86-2	Acetophenone	44.5		0.74	5.00	ug/L
621-64-7	n-Nitroso-di-n-propylamine	41.5		1.40	2.50	ug/L
67-72-1	Hexachloroethane	42.8		0.65	5.00	ug/L
98-95-3	Nitrobenzene	44.0		0.76	5.00	ug/L
78-59-1	Isophorone	43.8		0.75	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	43.7		0.68	5.00	ug/L
91-20-3	Naphthalene	43.6		0.50	5.00	ug/L
106-47-8	4-Chloroaniline	23.4		0.84	5.00	ug/L
87-68-3	Hexachlorobutadiene	44.5		0.54	5.00	ug/L
105-60-2	Caprolactam	47.5		1.10	10.0	ug/L
91-57-6	2-Methylnaphthalene	43.2		0.56	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	93.9	E	3.60	10.0	ug/L
92-52-4	1,1-Biphenyl	44.3		0.53	5.00	ug/L
91-58-7	2-Chloronaphthalene	43.9		0.61	5.00	ug/L
88-74-4	2-Nitroaniline	42.9		1.30	5.00	ug/L
131-11-3	Dimethylphthalate	44.4		0.61	5.00	ug/L
208-96-8	Acenaphthylene	43.7		0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	44.2		0.92	5.00	ug/L
99-09-2	3-Nitroaniline	24.7		1.10	5.00	ug/L
83-32-9	Acenaphthene	48.3		0.55	5.00	ug/L
132-64-9	Dibenzofuran	43.1		0.61	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	46.0		1.20	5.00	ug/L
84-66-2	Diethylphthalate	45.5		0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	43.5		0.68	5.00	ug/L
86-73-7	Fluorene	43.0		0.63	5.00	ug/L
100-01-6	4-Nitroaniline	44.2		1.50	5.00	ug/L

Raw Data: **BF142836.D**

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

Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Ave B			Date Received:	
Client Sample ID:	PB168592BS			SDG No.:	Q2372
Lab Sample ID:	PB168592BS			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
BF142836.D	1	06/24/25 08:39	06/25/25 14:25	PB168592

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
86-30-6	n-Nitrosodiphenylamine	44.2		0.58	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	45.6		0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	44.3		0.52	5.00	ug/L
1912-24-9	Atrazine	51.6		1.00	5.00	ug/L
85-01-8	Phenanthrene	44.4		0.50	5.00	ug/L
120-12-7	Anthracene	44.6		0.61	5.00	ug/L
86-74-8	Carbazole	45.5		0.72	5.00	ug/L
84-74-2	Di-n-butylphthalate	51.4		1.20	5.00	ug/L
206-44-0	Fluoranthene	46.9		0.82	5.00	ug/L
129-00-0	Pyrene	35.7		0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	50.2		1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	19.3		0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	43.6		0.45	5.00	ug/L
218-01-9	Chrysene	45.6		0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	51.1		1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	47.0		2.30	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	45.2		0.49	5.00	ug/L
207-08-9	Benzo(k)fluoranthene	48.9		0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	45.8		0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	40.8		0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	40.8		0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	40.8		0.69	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	44.5		0.52	5.00	ug/L
123-91-1	1,4-Dioxane	35.1		1.00	5.00	ug/L
SURROGATES						
4165-60-0	Nitrobenzene-d5	74.3		30 (67) - 130 (132)	74%	SPK: 100
321-60-8	2-Fluorobiphenyl	75.6		30 (52) - 130 (132)	76%	SPK: 100
1718-51-0	Terphenyl-d14	62.7		30 (42) - 130 (152)	63%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	81700	6.875			

Raw Data: **BF142836.D**

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

Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Ave B			Date Received:	
Client Sample ID:	PB168592BS			SDG No.:	Q2372
Lab Sample ID:	PB168592BS			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
BF142836.D	1	06/24/25 08:39	06/25/25 14:25	PB168592

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1146-65-2	Naphthalene-d8	296000	8.163			
15067-26-2	Acenaphthene-d10	150000	9.922			
1517-22-2	Phenanthrene-d10	242000	11.41			
1719-03-5	Chrysene-d12	173000	14.057			
1520-96-3	Perylene-d12	196000	15.545			

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

Raw Data: **BF142837.D**

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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Ave B	Date Received:	
Client Sample ID:	PB168592BSD	SDG No.:	Q2372
Lab Sample ID:	PB168592BSD	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
BF142837.D	1	06/24/25 08:39	06/25/25 14:55	PB168592

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	38.7		3.90	10.0	ug/L
111-44-4	bis(2-Chloroethyl)ether	43.2		0.81	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	41.3		1.30	5.00	ug/L
98-86-2	Acetophenone	43.1		0.74	5.00	ug/L
621-64-7	n-Nitroso-di-n-propylamine	43.1		1.40	2.50	ug/L
67-72-1	Hexachloroethane	42.2		0.65	5.00	ug/L
98-95-3	Nitrobenzene	42.4		0.76	5.00	ug/L
78-59-1	Isophorone	43.5		0.75	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	43.4		0.68	5.00	ug/L
91-20-3	Naphthalene	42.8		0.50	5.00	ug/L
106-47-8	4-Chloroaniline	18.2		0.84	5.00	ug/L
87-68-3	Hexachlorobutadiene	43.5		0.54	5.00	ug/L
105-60-2	Caprolactam	47.4		1.10	10.0	ug/L
91-57-6	2-Methylnaphthalene	43.0		0.56	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	92.4	E	3.60	10.0	ug/L
92-52-4	1,1-Biphenyl	43.4		0.53	5.00	ug/L
91-58-7	2-Chloronaphthalene	42.5		0.61	5.00	ug/L
88-74-4	2-Nitroaniline	43.3		1.30	5.00	ug/L
131-11-3	Dimethylphthalate	44.3		0.61	5.00	ug/L
208-96-8	Acenaphthylene	42.6		0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	44.4		0.92	5.00	ug/L
99-09-2	3-Nitroaniline	24.2		1.10	5.00	ug/L
83-32-9	Acenaphthene	47.1		0.55	5.00	ug/L
132-64-9	Dibenzofuran	42.5		0.61	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	45.1		1.20	5.00	ug/L
84-66-2	Diethylphthalate	45.0		0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	42.4		0.68	5.00	ug/L
86-73-7	Fluorene	42.6		0.63	5.00	ug/L
100-01-6	4-Nitroaniline	43.6		1.50	5.00	ug/L

Raw Data: **BF142837.D**

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

Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Ave B			Date Received:	
Client Sample ID:	PB168592BSD			SDG No.:	Q2372
Lab Sample ID:	PB168592BSD			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
BF142837.D	1	06/24/25 08:39	06/25/25 14:55	PB168592

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
86-30-6	n-Nitrosodiphenylamine	44.4		0.58	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	45.4		0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	44.4		0.52	5.00	ug/L
1912-24-9	Atrazine	51.4		1.00	5.00	ug/L
85-01-8	Phenanthrene	44.3		0.50	5.00	ug/L
120-12-7	Anthracene	44.2		0.61	5.00	ug/L
86-74-8	Carbazole	44.9		0.72	5.00	ug/L
84-74-2	Di-n-butylphthalate	50.6		1.20	5.00	ug/L
206-44-0	Fluoranthene	45.8		0.82	5.00	ug/L
129-00-0	Pyrene	40.4		0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	51.5		1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	19.6		0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	44.8		0.45	5.00	ug/L
218-01-9	Chrysene	45.9		0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	51.5		1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	48.5		2.30	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	45.5		0.49	5.00	ug/L
207-08-9	Benzo(k)fluoranthene	46.8		0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	45.8		0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	42.1		0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	42.4		0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	42.6		0.69	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	43.7		0.52	5.00	ug/L
123-91-1	1,4-Dioxane	35.5		1.00	5.00	ug/L
SURROGATES						
4165-60-0	Nitrobenzene-d5	73.6		30 (67) - 130 (132)	74%	SPK: 100
321-60-8	2-Fluorobiphenyl	73.3		30 (52) - 130 (132)	73%	SPK: 100
1718-51-0	Terphenyl-d14	70.2		30 (42) - 130 (152)	70%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	83900	6.875			

Raw Data: **BF142837.D**

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

Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Ave B			Date Received:	
Client Sample ID:	PB168592BSD			SDG No.:	Q2372
Lab Sample ID:	PB168592BSD			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
BF142837.D	1	06/24/25 08:39	06/25/25 14:55	PB168592

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
1146-65-2	Naphthalene-d8	315000	8.163			
15067-26-2	Acenaphthene-d10	164000	9.922			
1517-22-2	Phenanthrene-d10	263000	11.41			
1719-03-5	Chrysene-d12	161000	14.057			
1520-96-3	Perylene-d12	186000	15.545			

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

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

CALIBRATION SUMMARY

Response Factor Report BNA_F

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF061925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Fri Jun 20 05:06:14 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BF142788.D 5 =BF142789.D 10 =BF142790.D 20 =BF142791.D 40 =BF142792.D 50 =BF142793.D 60 =BF142794.D 80 =BF1427
95.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	ISTD									
2)		1,4-Dioxane		0.479	0.499	0.471	0.461	0.509	0.479	0.467	0.480	3.60
3)		Pyridine		1.190	1.195	1.190	1.164	1.303	1.209	1.181	1.205	3.78
4)		n-Nitrosodimet...			0.610	0.617	0.596	0.668	0.632	0.614	0.623	3.98
5)	S	2-Fluorophenol		2.475	2.460	2.460	2.299	2.525	2.342	2.256	2.403	4.26
6)		Aniline		1.951	1.944	1.891	1.818	1.982	1.869	1.746	1.886	4.41
7)	S	Phenol-d6		3.024	2.962	2.846	2.681	2.959	2.760	2.610	2.834	5.53
8)		2-Chlorophenol		1.362	1.303	1.292	1.245	1.366	1.272	1.231	1.296	4.08
9)		Benzaldehyde			0.988	0.943	0.757	0.832	0.684		0.841	15.02
10)	C	Phenol		1.648	1.653	1.591	1.516	1.651	1.530	1.437	1.575	5.31
11)		bis(2-Chloroet...		1.167	1.133	1.134	1.072	1.183	1.116	1.077	1.126	3.71
12)		1,3-Dichlorobe...		1.536	1.499	1.470	1.377	1.500	1.414	1.348	1.449	4.85
13)	C	1,4-Dichlorobe...		1.563	1.496	1.472	1.409	1.523	1.425	1.347	1.462	5.04
14)		1,2-Dichlorobe...		1.458	1.422	1.409	1.331	1.451	1.353	1.284	1.387	4.72
15)		Benzyl Alcohol			1.023	1.025	0.976	1.106	1.032	0.985	1.025	4.51
16)		2,2'-oxybis(1-...		1.975	1.869	1.815	1.723	1.879	1.758	1.644	1.809	6.12
17)		2-Methylphenol		1.015	0.997	0.980	0.938	1.043	0.972	0.929	0.982	4.13
18)		Hexachloroethane		0.533	0.521	0.507	0.499	0.539	0.498	0.484	0.511	3.89
19)	P	n-Nitroso-di-n...	0.831	0.879	0.840	0.833	0.787	0.847	0.812	0.766	0.824	4.30
20)		3+4-Methylphenols			1.292	1.262	1.176	1.312	1.197	1.108	1.224	6.36
21)	I	Naphthalene-d8	ISTD									
22)		Acetophenone		0.464	0.451	0.459	0.418	0.461	0.428	0.406	0.441	5.28
23)	S	Nitrobenzene-d5		0.738	0.724	0.747	0.708	0.771	0.724	0.694	0.729	3.48
24)		Nitrobenzene		0.345	0.325	0.332	0.319	0.349	0.326	0.314	0.330	3.88
25)		Isophorone		0.611	0.582	0.592	0.555	0.616	0.584	0.554	0.585	4.17
26)	C	2-Nitrophenol		0.169	0.172	0.182	0.178	0.194	0.186	0.176	0.180	4.85
27)		2,4-Dimethylph...		0.322	0.310	0.318	0.300	0.329	0.307	0.294	0.311	3.99
28)		bis(2-Chloroet...		0.386	0.373	0.383	0.355	0.390	0.366	0.351	0.372	4.09
29)	C	2,4-Dichloroph...		0.291	0.280	0.290	0.273	0.298	0.277	0.268	0.282	3.77
30)		1,2,4-Trichlor...		0.324	0.316	0.318	0.299	0.324	0.301	0.292	0.310	4.26
31)		Naphthalene		1.051	1.002	1.004	0.934	1.017	0.943	0.902	0.979	5.46
32)		Benzoic acid			0.118	0.147	0.157	0.181	0.180	0.169	0.159	15.08
33)		4-Chloroaniline		0.414	0.408	0.409	0.379	0.421	0.393	0.363	0.398	5.26
34)	C	Hexachlorobuta...		0.195	0.188	0.198	0.184	0.200	0.184	0.179	0.190	4.30
35)		Caprolactam			0.073	0.075	0.072	0.081	0.078	0.069	0.075	5.84
36)	C	4-Chloro-3-met...		0.300	0.275	0.286	0.269	0.298	0.278	0.260	0.281	5.24
37)		2-Methylnaphth...		0.655	0.621	0.629	0.579	0.631	0.583	0.550	0.607	6.12
38)		1-Methylnaphth...		0.684	0.645	0.650	0.598	0.654	0.604	0.563	0.628	6.56

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF061925.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.626	0.609	0.602	0.557	0.598	0.577	0.563	0.590	4.27
41)	P	Hexachlorocycl...		0.235	0.308	0.336	0.365	0.376	0.389	0.335	17.02
42)	S	2,4,6-Tribromo...	0.415	0.414	0.428	0.400	0.438	0.411	0.374	0.412	4.96
43)	C	2,4,6-Trichlor...	0.385	0.380	0.394	0.365	0.408	0.389	0.371	0.385	3.71
44)		2,4,5-Trichlor...	0.407	0.403	0.421	0.391	0.416	0.407	0.388	0.405	2.95
45)	S	2-Fluorobiphenyl	3.480	3.272	3.184	2.861	2.999	2.816	2.702	3.045	9.15
46)		1,1'-Biphenyl	1.701	1.616	1.637	1.505	1.609	1.525	1.466	1.580	5.27
47)		2-Chloronaphth...	1.300	1.202	1.208	1.129	1.209	1.145	1.106	1.186	5.50
48)		2-Nitroaniline	0.321	0.329	0.337	0.324	0.358	0.337	0.320	0.332	3.93
49)		Acenaphthylene	2.110	2.006	2.011	1.861	1.995	1.891	1.787	1.952	5.64
50)		Dimethylphthalate	1.372	1.334	1.330	1.228	1.335	1.277	1.186	1.295	5.17
51)		2,6-Dinitrotol...	0.297	0.279	0.290	0.277	0.294	0.284	0.268	0.284	3.57
52)	C	Acenaphthene	1.247	1.199	1.241	1.142	1.228	1.172	1.107	1.191	4.44
53)		3-Nitroaniline	0.311	0.311	0.316	0.302	0.338	0.320	0.292	0.313	4.52
54)	P	2,4-Dinitrophenol		0.095	0.129	0.142	0.173	0.163	0.152	0.142	19.61
55)		Dibenzofuran	1.844	1.772	1.763	1.626	1.752	1.660	1.537	1.708	6.13
56)	P	4-Nitrophenol		0.189	0.218	0.208	0.238	0.229	0.203	0.214	8.25
57)		2,4-Dinitrotol...	0.373	0.378	0.397	0.367	0.407	0.383	0.338	0.378	5.90
58)		Fluorene	1.464	1.412	1.395	1.260	1.362	1.260	1.183	1.334	7.58
59)		2,3,4,6-Tetrac...	0.327	0.327	0.339	0.312	0.345	0.331	0.304	0.326	4.43
60)		Diethylphthalate	1.328	1.302	1.319	1.211	1.318	1.266	1.141	1.269	5.50
61)		4-Chlorophenyl...	0.713	0.656	0.669	0.599	0.640	0.609	0.568	0.636	7.64
62)		4-Nitroaniline	0.279	0.276	0.297	0.272	0.316	0.300	0.264	0.286	6.48
63)		Azobenzene	1.215	1.149	1.167	1.081	1.176	1.122	1.032	1.134	5.47
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.099	0.119	0.119	0.134	0.130	0.125	0.121	10.04
66)	c	n-Nitrosodiphe...	0.736	0.686	0.710	0.670	0.717	0.671	0.662	0.693	4.07
67)		4-Bromophenyl-...	0.231	0.221	0.235	0.218	0.236	0.228	0.225	0.228	3.03
68)		Hexachlorobenzene	0.263	0.248	0.257	0.241	0.262	0.252	0.247	0.253	3.29
69)		Atrazine	0.176	0.172	0.180	0.174	0.195	0.183	0.174	0.179	4.48
70)	C	Pentachlorophenol		0.102	0.119	0.125	0.142	0.135	0.133	0.126	11.30
71)		Phenanthrene	1.183	1.113	1.115	1.031	1.122	1.028	0.992	1.083	6.24
72)		Anthracene	1.226	1.123	1.149	1.064	1.140	1.065	1.011	1.111	6.35
73)		Carbazole	1.040	0.986	0.999	0.900	1.002	0.920	0.866	0.959	6.67
74)		Di-n-butylphth...	0.997	1.006	1.045	0.946	1.073	0.989	0.936	0.999	4.92
75)	C	Fluoranthene	1.136	1.088	1.090	0.954	1.059	0.972	0.899	1.028	8.44
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.745	0.860	0.773	0.824	0.719	0.587	0.751	12.71
78)		Pyrene	2.110	1.940	1.968	1.742	2.030	1.863	1.468	1.875	11.43
79)	S	Terphenyl-d14	3.383	3.111	3.066	2.655	3.070	2.772	2.208	2.895	13.30
80)		Butylbenzylpht...	0.478	0.470	0.538	0.547	0.613	0.597	0.563	0.544	10.01
81)		Benzo(a)anthra...	1.392	1.358	1.366	1.265	1.403	1.376	1.284	1.349	3.98
82)		3,3'-Dichlorob...		0.398	0.440	0.429	0.476	0.445	0.438	0.438	5.73
83)		Chrysene	1.243	1.191	1.208	1.164	1.295	1.177	1.150	1.204	4.17
84)		Bis(2-ethylhex...	0.650	0.675	0.767	0.803	0.861	0.843	0.878	0.782	11.52
85)	c	Di-n-octyl pht...		1.207	1.352	1.463	1.610	1.569	1.651	1.475	11.54

Method Path : Z:\svoasrv\HPCHEM1\BNA_F\Methods\
Method File : 8270-BF061925.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.528	1.488	1.545	1.474	1.648	1.539	1.442	1.523	4.38
88)		Benzo(b)fluora...	1.164	1.220	1.226	1.072	1.152	1.197	1.070	1.157	5.61
89)		Benzo(k)fluora...	1.206	1.004	1.035	1.037	1.193	1.038	1.068	1.083	7.55
90)	C	Benzo(a)pyrene	1.142	1.065	1.124	1.069	1.201	1.141	1.084	1.118	4.37
91)		Dibenzo(a,h)an...	1.249	1.214	1.293	1.180	1.337	1.240	1.152	1.238	5.13
92)		Benzo(g,h,i)pe...	1.239	1.198	1.266	1.188	1.332	1.255	1.161	1.234	4.66

(#) = Out of Range

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2372 SAS No.: Q2372 SDG No.: Q2372

Instrument ID: BNA_F Calibration Date/Time: 06/24/2025 10:16

Lab File ID: BF142811.D Init. Calib. Date(s): 06/19/2025 06/19/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 17:07 20:40

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.201	1.291		7.5	
Benzaldehyde	0.841	0.794		-5.6	
Phenol-d6	1.417	1.525		7.6	
bis(2-Chloroethyl)ether	1.126	1.218		8.2	
2,2-oxybis(1-Chloropropane)	1.809	1.882		4.0	
Acetophenone	0.441	0.464		5.2	
n-Nitroso-di-n-propylamine	0.824	0.878	0.050	6.6	
Nitrobenzene-d5	0.365	0.392		7.4	
Hexachloroethane	0.511	0.538		5.3	
Nitrobenzene	0.330	0.354		7.3	
Isophorone	0.585	0.629		7.5	
bis(2-Chloroethoxy)methane	0.372	0.395		6.2	
Naphthalene	0.979	1.037		5.9	
4-Chloroaniline	0.398	0.430		8.0	
Hexachlorobutadiene	0.190	0.198		4.2	20.0
Caprolactam	0.075	0.089		18.7	
2-Methylnaphthalene	0.607	0.642		5.8	
Hexachlorocyclopentadiene	0.335	0.363	0.050	8.4	
2-Fluorobiphenyl	1.522	1.513		-0.6	
1,1-Biphenyl	1.580	1.627		3.0	
2-Chloronaphthalene	1.186	1.226		3.4	
2-Nitroaniline	0.332	0.365		9.9	
Dimethylphthalate	1.295	1.370		5.8	
Acenaphthylene	1.952	2.032		4.1	
2,6-Dinitrotoluene	0.284	0.307		8.1	
3-Nitroaniline	0.313	0.349		11.5	
Acenaphthene	1.191	1.256		5.5	20.0
Dibenzofuran	1.708	1.783		4.4	
2,4-Dinitrotoluene	0.378	0.420		11.1	
Diethylphthalate	1.269	1.361		7.3	
4-Chlorophenyl-phenylether	0.636	0.648		1.9	
Fluorene	1.334	1.373		2.9	
4-Nitroaniline	0.286	0.329		15.0	
n-Nitrosodiphenylamine	0.693	0.711		2.6	20.0
2,4,6-Tribromophenol	0.206	0.220		6.8	
4-Bromophenyl-phenylether	0.228	0.240		5.3	
Hexachlorobenzene	0.253	0.264		4.3	
Atrazine	0.179	0.199		11.2	
Phenanthrene	1.083	1.122		3.6	

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2372 SAS No.: Q2372 SDG No.: Q2372

Instrument ID: BNA_F Calibration Date/Time: 06/24/2025 10:16

Lab File ID: BF142811.D Init. Calib. Date(s): 06/19/2025 06/19/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 17:07 20:40

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Anthracene	1.111	1.145		3.1	
Carbazole	0.959	1.009		5.2	
Di-n-butylphthalate	0.999	1.075		7.6	
Fluoranthene	1.028	1.044		1.6	20.0
Pyrene	1.875	1.902		1.4	
Terphenyl-d14	1.447	1.406		-2.8	
Butylbenzylphthalate	0.544	0.587		7.9	
3,3-Dichlorobenzidine	0.438	0.472		7.8	
Benzo(a)anthracene	1.349	1.414		4.8	
Chrysene	1.204	1.284		6.6	
Bis(2-ethylhexyl)phthalate	0.782	0.826		5.6	
Di-n-octyl phthalate	1.475	1.519		3.0	20.0
Benzo(b)fluoranthene	1.157	1.271		9.9	
Benzo(k)fluoranthene	1.083	1.127		4.1	
Benzo(a)pyrene	1.118	1.198		7.2	20.0
Indeno(1,2,3-cd)pyrene	1.523	1.575		3.4	
Dibenzo(a,h)anthracene	1.238	1.269		2.5	
Benzo(g,h,i)perylene	1.234	1.268		2.8	
1,2,4,5-Tetrachlorobenzene	0.590	0.606		2.7	
1,4-Dioxane	0.480	0.520		8.3	20.0

All other compounds must meet a minimum RRF of 0.010.

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2372 SAS No.: Q2372 SDG No.: Q2372

Instrument ID: BNA_F Calibration Date/Time: 06/25/2025 13:25

Lab File ID: BF142834.D Init. Calib. Date(s): 06/19/2025 06/19/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 17:07 20:40

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.201	1.310		9.1	
Benzaldehyde	0.841	1.601		90.4	
Phenol-d6	1.417	1.498		5.7	
bis(2-Chloroethyl)ether	1.126	1.187		5.4	
2,2-oxybis(1-Chloropropane)	1.809	1.824		0.8	
Acetophenone	0.441	0.485		10.0	
n-Nitroso-di-n-propylamine	0.824	0.810	0.050	-1.7	
Nitrobenzene-d5	0.365	0.429		17.5	
Hexachloroethane	0.511	0.536		4.9	
Nitrobenzene	0.330	0.360		9.1	
Isophorone	0.585	0.564		-3.6	
bis(2-Chloroethoxy)methane	0.372	0.395		6.2	
Naphthalene	0.979	1.102		12.6	
4-Chloroaniline	0.398	0.363		-8.8	
Hexachlorobutadiene	0.190	0.213		12.1	20.0
Caprolactam	0.075	0.076		1.3	
2-Methylnaphthalene	0.607	0.706		16.3	
Hexachlorocyclopentadiene	0.335	0.399	0.050	19.1	
2-Fluorobiphenyl	1.522	1.796		18.0	
1,1-Biphenyl	1.580	1.785		13.0	
2-Chloronaphthalene	1.186	1.311		10.5	
2-Nitroaniline	0.332	0.349		5.1	
Dimethylphthalate	1.295	1.402		8.3	
Acenaphthylene	1.952	2.014		3.2	
2,6-Dinitrotoluene	0.284	0.309		8.8	
3-Nitroaniline	0.313	0.321		2.6	
Acenaphthene	1.191	1.337		12.3	20.0
Dibenzofuran	1.708	1.910		11.8	
2,4-Dinitrotoluene	0.378	0.393		4.0	
Diethylphthalate	1.269	1.419		11.8	
4-Chlorophenyl-phenylether	0.636	0.688		8.2	
Fluorene	1.334	1.434		7.5	
4-Nitroaniline	0.286	0.307		7.3	
n-Nitrosodiphenylamine	0.693	0.758		9.4	20.0
2,4,6-Tribromophenol	0.206	0.217		5.3	
4-Bromophenyl-phenylether	0.228	0.259		13.6	
Hexachlorobenzene	0.253	0.277		9.5	
Atrazine	0.179	0.201		12.3	
Phenanthrene	1.083	1.190		9.9	

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: GENV01

Lab Code: CHEM Case No.: Q2372 SAS No.: Q2372 SDG No.: Q2372

Instrument ID: BNA_F Calibration Date/Time: 06/25/2025 13:25

Lab File ID: BF142834.D Init. Calib. Date(s): 06/19/2025 06/19/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 17:07 20:40

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Anthracene	1.111	1.171		5.4	
Carbazole	0.959	1.070		11.6	
Di-n-butylphthalate	0.999	1.304		30.5	
Fluoranthene	1.028	1.225		19.2	20.0
Pyrene	1.875	1.558		-16.9	
Terphenyl-d14	1.447	1.279		-11.6	
Butylbenzylphthalate	0.544	0.670		23.2	
3,3-Dichlorobenzidine	0.438	0.471		7.5	
Benzo(a)anthracene	1.349	1.494		10.7	
Chrysene	1.204	1.301		8.1	
Bis(2-ethylhexyl)phthalate	0.782	1.016		29.9	
Di-n-octyl phthalate	1.475	1.826		23.8	20.0
Benzo(b)fluoranthene	1.157	1.366		18.1	
Benzo(k)fluoranthene	1.083	1.131		4.4	
Benzo(a)pyrene	1.118	1.144		2.3	20.0
Indeno(1,2,3-cd)pyrene	1.523	1.533		0.7	
Dibenzo(a,h)anthracene	1.238	1.245		0.6	
Benzo(g,h,i)perylene	1.234	1.274		3.2	
1,2,4,5-Tetrachlorobenzene	0.590	0.700		18.6	
1,4-Dioxane	0.480	0.501		4.4	20.0

All other compounds must meet a minimum RRF of 0.010.

SAMPLE RAW DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062425\
Data File : BF142820.D
Acq On : 24 Jun 2025 15:28
Operator : RC/JU
Sample : Q2372-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GAV1W

Quant Time: Jun 24 15:50:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration

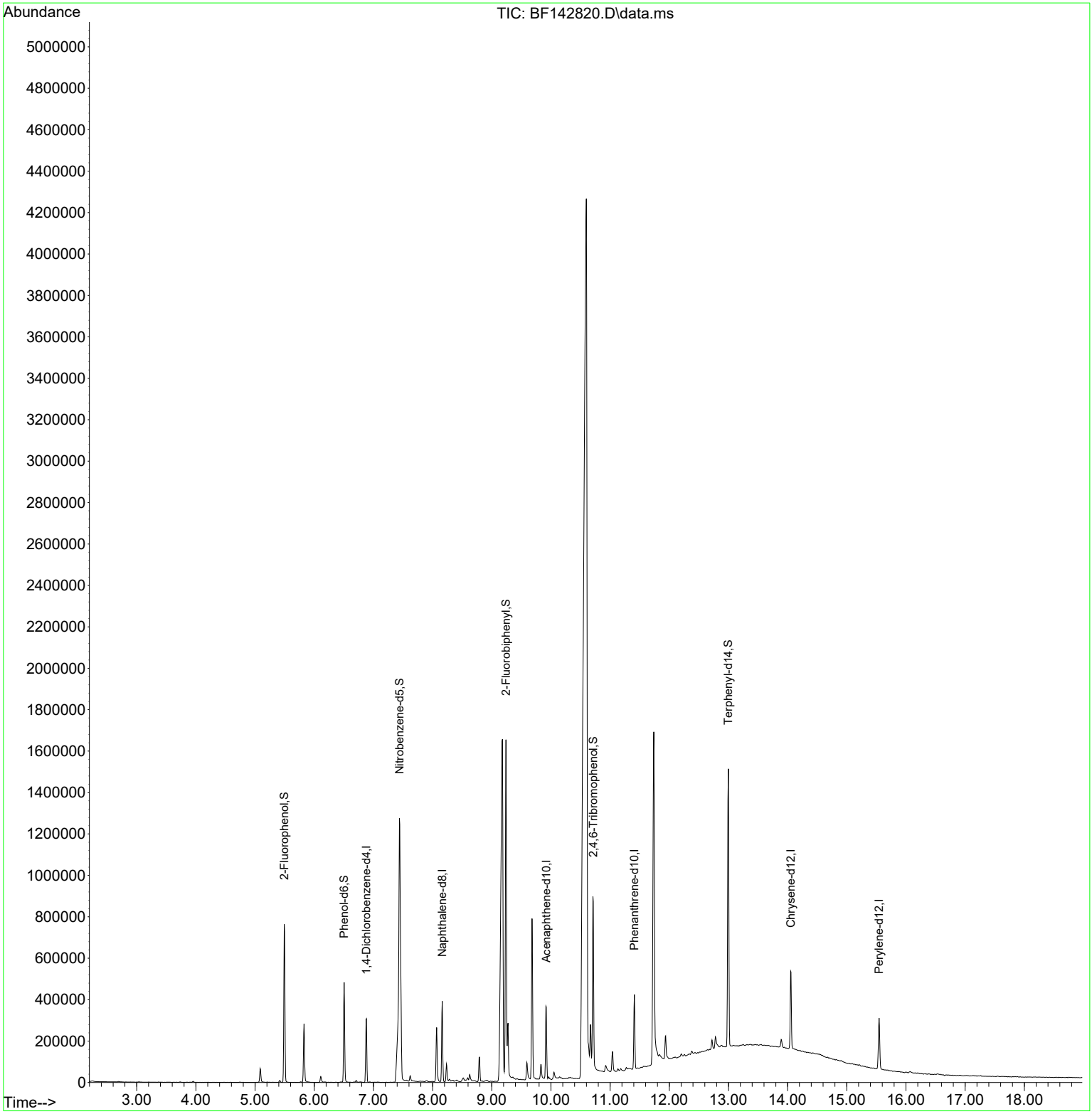
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	69183	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	242235	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	106484	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	179849	20.000	ng	0.00
76) Chrysene-d12	14.057	240	193130	20.000	ng	0.00
86) Perylene-d12	15.545	264	144569	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	293375	70.602	ng	0.00
7) Phenol-d6	6.504	99	215123	43.881	ng	0.00
23) Nitrobenzene-d5	7.440	82	363253	82.254	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	145109	132.424	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	713214	87.988	ng	0.00
79) Terphenyl-d14	12.998	244	663563	47.473	ng	0.00
Target Compounds						Qvalue

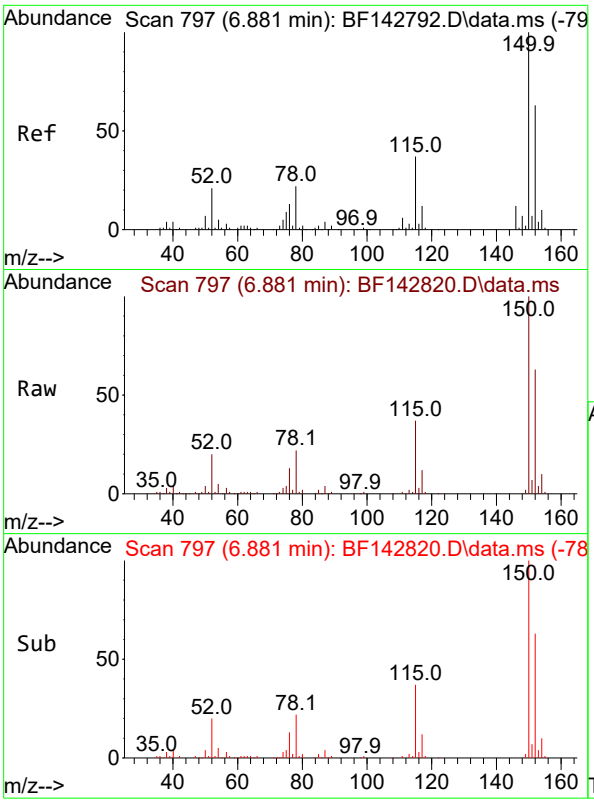
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062425\
Data File : BF142820.D
Acq On : 24 Jun 2025 15:28
Operator : RC/JU
Sample : Q2372-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GAV1W

Quant Time: Jun 24 15:50:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration



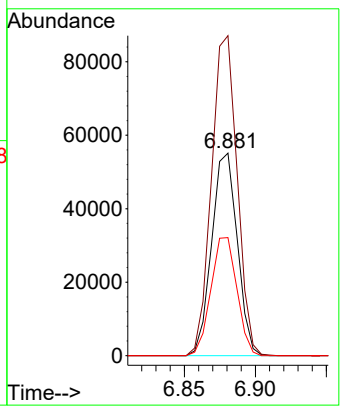


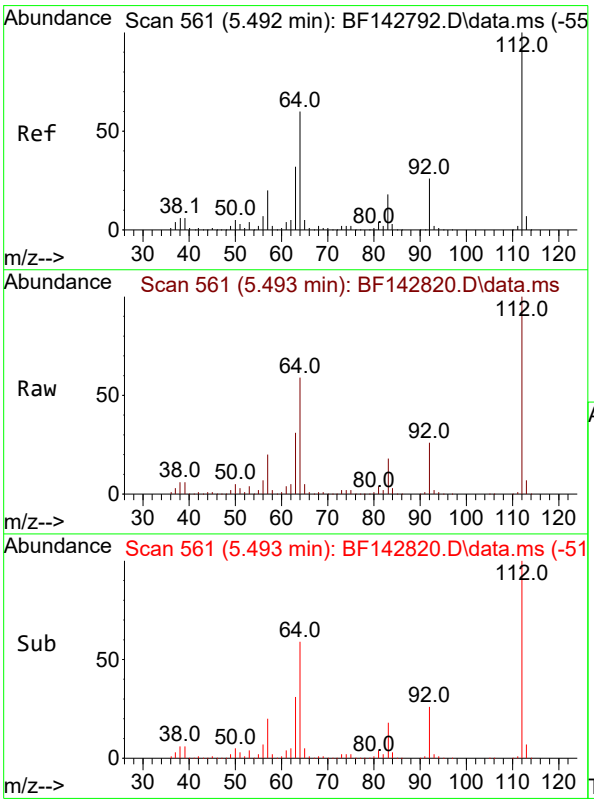
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 7
Delta R.T. -0.000 min
Lab File: BF142820.D
Acq: 24 Jun 2025 15:28

Instrument :
BNA_F
ClientSampleId :
GAV1W

Tgt Ion:152 Resp: 69183

Ion	Ratio	Lower	Upper
152	100		
150	158.0	127.2	190.8
115	58.3	46.6	69.8

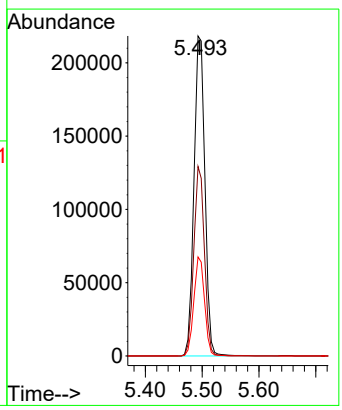


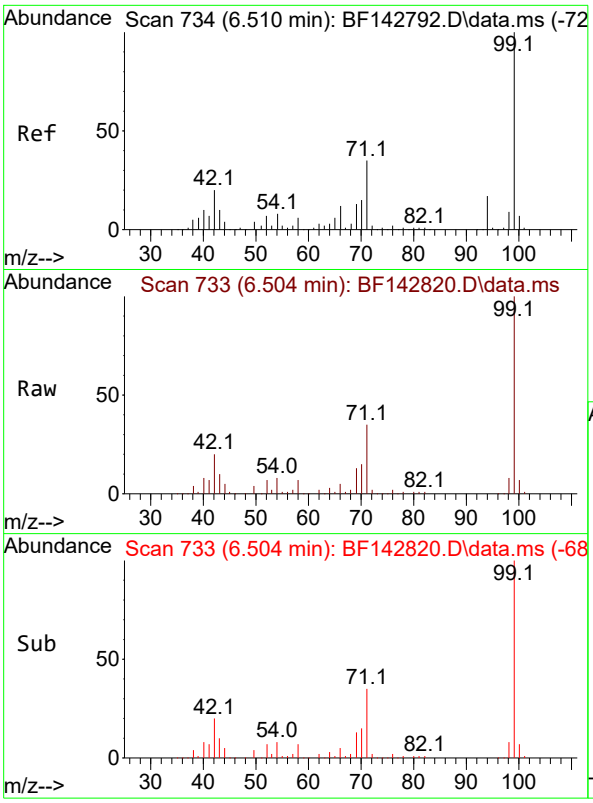


#5
2-Fluorophenol
Concen: 70.602 ng
RT: 5.493 min Scan# 561
Delta R.T. 0.001 min
Lab File: BF142820.D
Acq: 24 Jun 2025 15:28

Tgt Ion:112 Resp: 293375

Ion	Ratio	Lower	Upper
112	100		
64	59.2	48.2	72.2
63	31.0	25.7	38.5



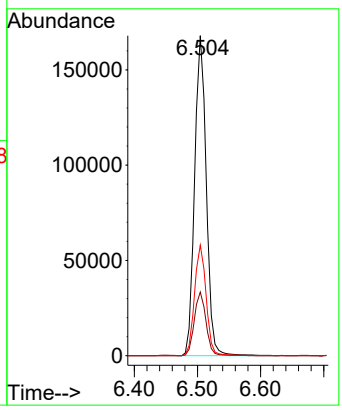


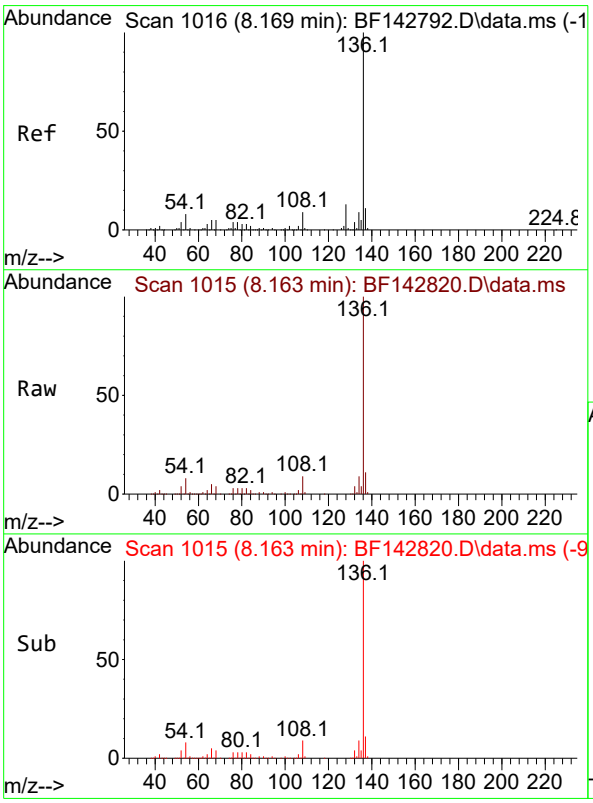
#7
Phenol-d6
Concen: 43.881 ng
RT: 6.504 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142820.D
Acq: 24 Jun 2025 15:28

Instrument :
BNA_F
ClientSampleId :
GAV1W

Tgt Ion: 99 Resp: 215123

Ion	Ratio	Lower	Upper
99	100		
42	19.9	15.9	23.9
71	34.5	27.8	41.8

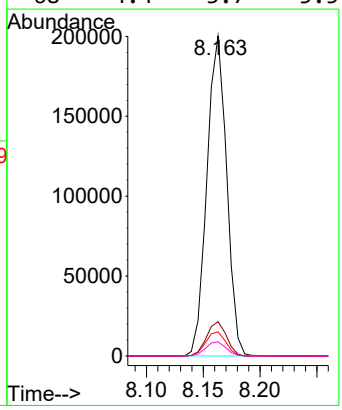


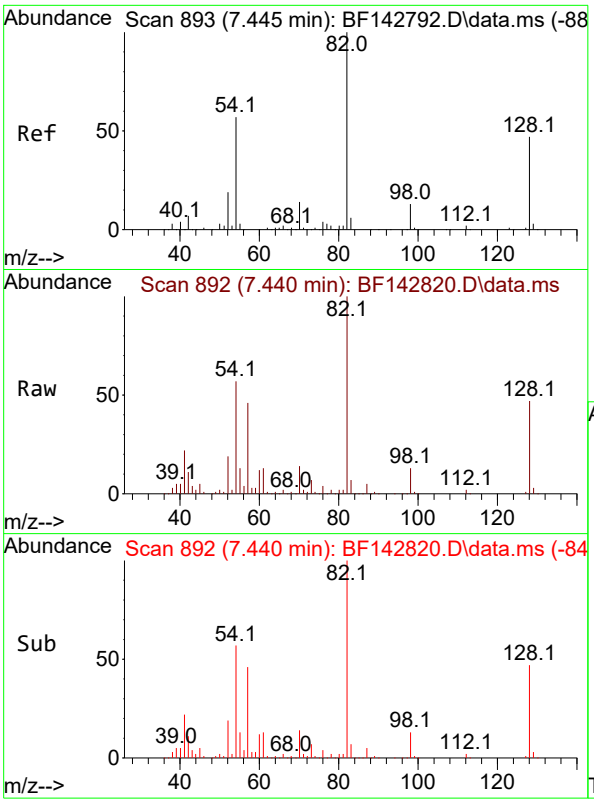


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF142820.D
Acq: 24 Jun 2025 15:28

Tgt Ion:136 Resp: 242235

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.4	12.6
54	7.6	6.3	9.5
68	4.4	3.7	5.5



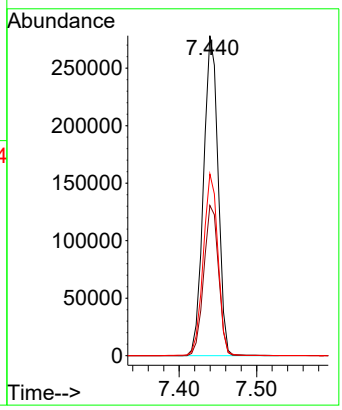


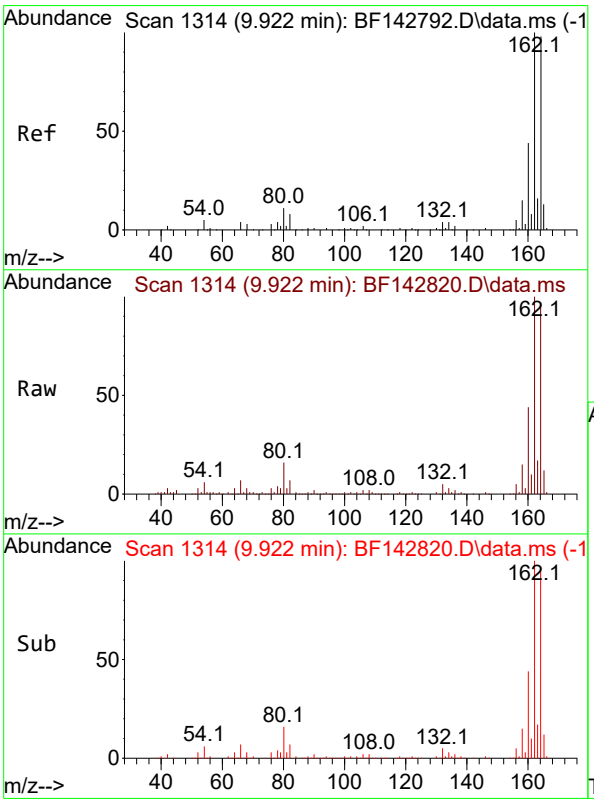
#23
Nitrobenzene-d5
Concen: 82.254 ng
RT: 7.440 min Scan# 8
Delta R.T. -0.005 min
Lab File: BF142820.D
Acq: 24 Jun 2025 15:28

Instrument :
BNA_F
ClientSampleId :
GAV1W

Tgt Ion: 82 Resp: 363253

Ion	Ratio	Lower	Upper
82	100		
128	46.9	37.7	56.5
54	56.8	45.7	68.5

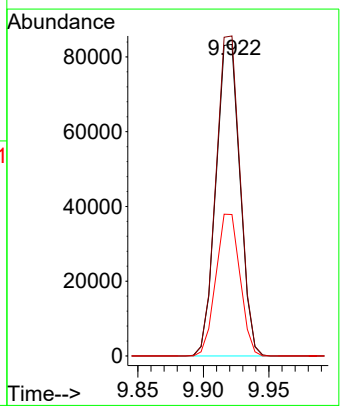


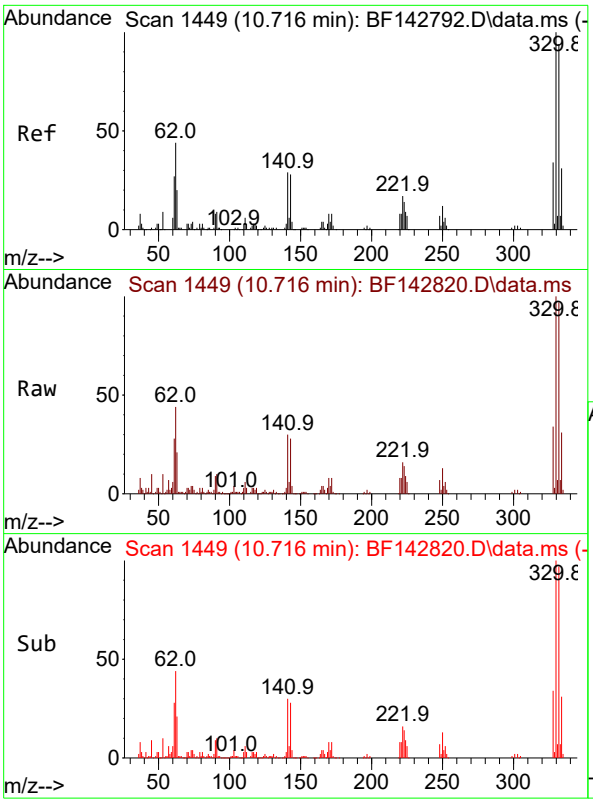


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1314
Delta R.T. 0.000 min
Lab File: BF142820.D
Acq: 24 Jun 2025 15:28

Tgt Ion:164 Resp: 106484

Ion	Ratio	Lower	Upper
164	100		
162	102.7	81.8	122.8
160	45.4	36.0	54.0



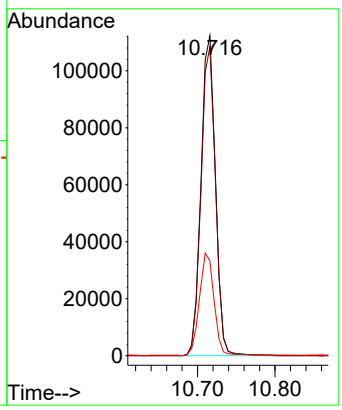


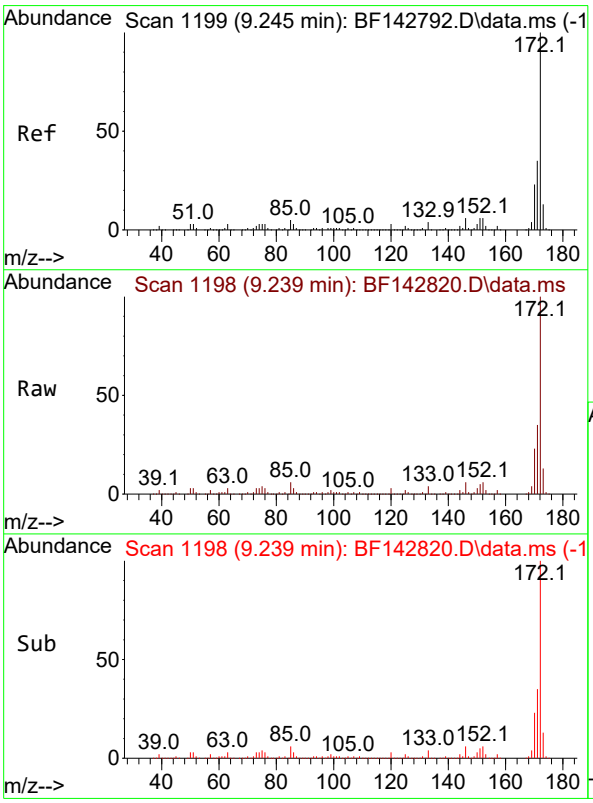
#42
2,4,6-Tribromophenol
Concen: 132.424 ng
RT: 10.716 min Scan# 14
Delta R.T. -0.000 min
Lab File: BF142820.D
Acq: 24 Jun 2025 15:28

Instrument :
BNA_F
ClientSampleId :
GAV1W

Tgt Ion:330 Resp: 145109

Ion	Ratio	Lower	Upper
330	100		
332	96.8	75.0	112.6
141	33.3	25.3	37.9

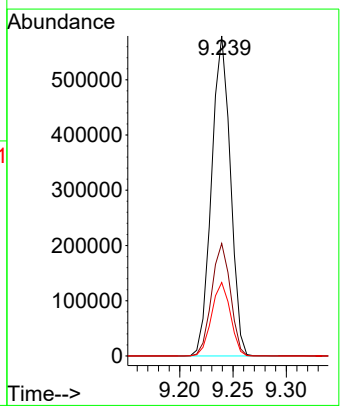


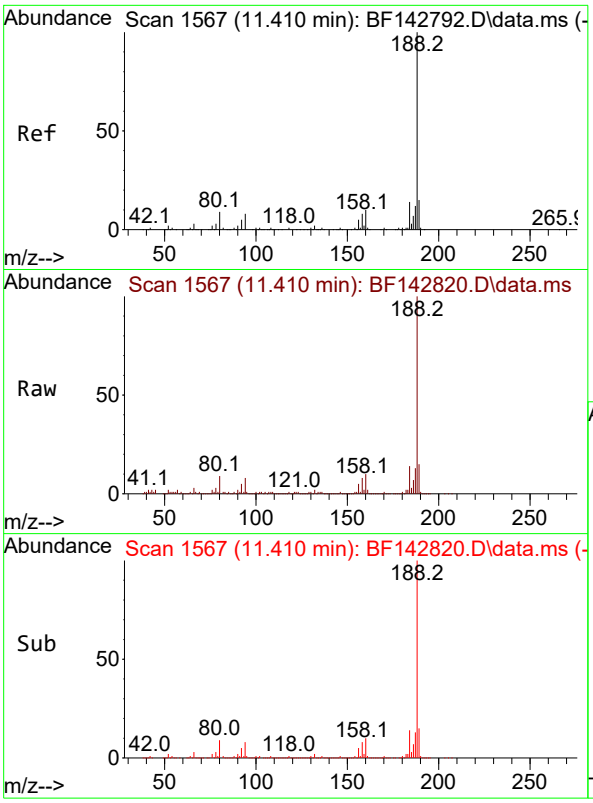


#45
2-Fluorobiphenyl
Concen: 87.988 ng
RT: 9.239 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BF142820.D
Acq: 24 Jun 2025 15:28

Tgt Ion:172 Resp: 713214

Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.2	42.4
170	23.0	18.5	27.7



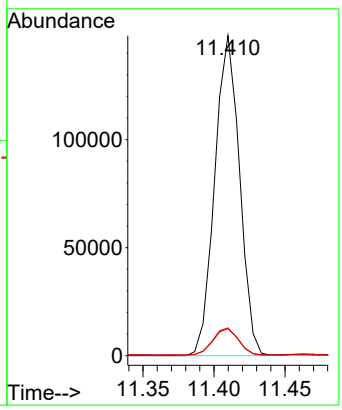


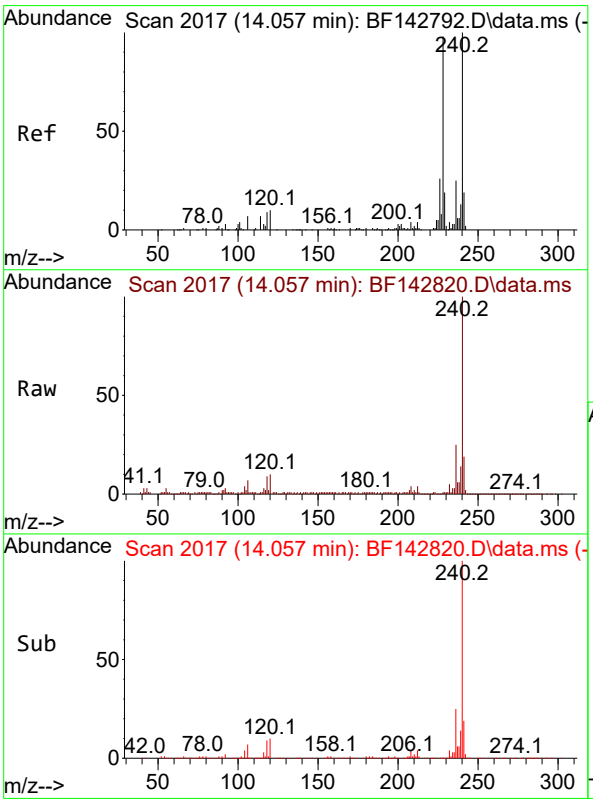
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF142820.D
Acq: 24 Jun 2025 15:28

Instrument :
BNA_F
ClientSampleId :
GAV1W

Tgt Ion:188 Resp: 179849

Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.7	10.1
80	8.7	6.9	10.3

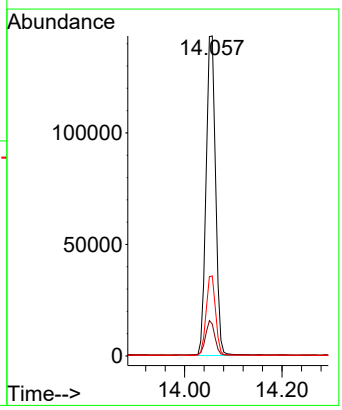


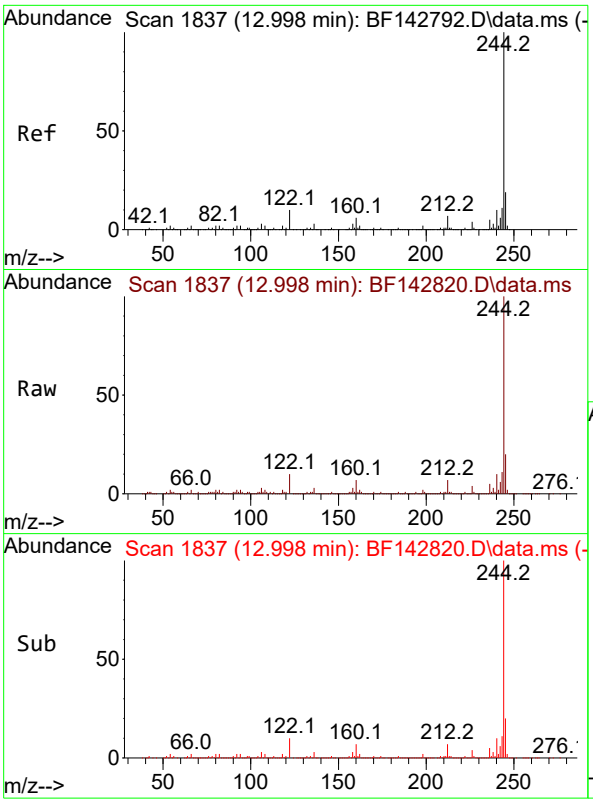


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF142820.D
Acq: 24 Jun 2025 15:28

Tgt Ion:240 Resp: 193130

Ion	Ratio	Lower	Upper
240	100		
120	10.0	8.2	12.2
236	25.0	19.8	29.8



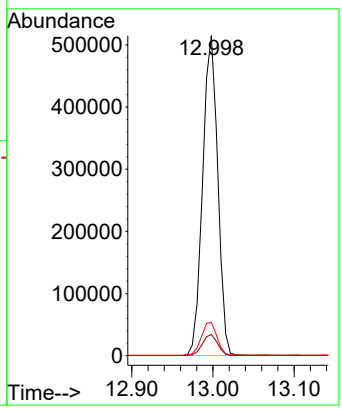


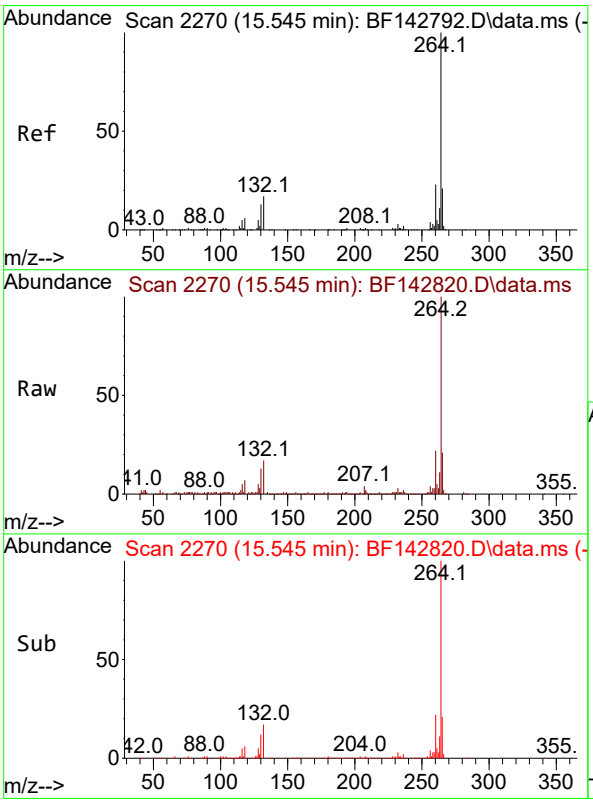
#79
Terphenyl-d14
Concen: 47.473 ng
RT: 12.998 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142820.D
Acq: 24 Jun 2025 15:28

Instrument :
BNA_F
ClientSampleId :
GAV1W

Tgt Ion:244 Resp: 663563

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	10.4	8.2	12.2

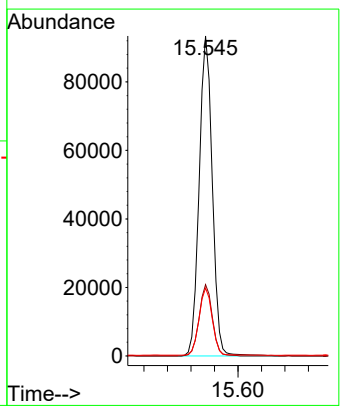




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BF142820.D
Acq: 24 Jun 2025 15:28

Tgt Ion:264 Resp: 144569

Ion	Ratio	Lower	Upper
264	100		
260	22.3	18.1	27.1
265	21.2	16.6	25.0



Sample Results: **BF142820.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062425\
Data File : BF142820.D
Acq On : 24 Jun 2025 15:28
Operator : RC/JU
Sample : Q2372-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GAV1W

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

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

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142820.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.493	556	561	575	rVB	762688	1006374	5.93%	2.576%
2	5.828	612	618	641	rVB	282298	371523	2.19%	0.951%
3	6.504	728	733	745	rVB	482054	614707	3.62%	1.574%
4	6.881	791	797	802	rBV	307995	392587	2.31%	1.005%
5	7.440	877	892	909	rBV2	1273728	3104160	18.30%	7.946%
6	8.069	992	999	1010	rBV	261159	361822	2.13%	0.926%
7	8.163	1010	1015	1020	rVB	387743	470338	2.77%	1.204%
8	9.181	1174	1188	1193	rBV	1651213	4249157	25.05%	10.877%
9	9.239	1193	1198	1202	rVV	1638930	2130040	12.56%	5.453%
10	9.275	1202	1204	1215	rVB	264201	303612	1.79%	0.777%
11	9.681	1268	1273	1285	rVB	775771	1022717	6.03%	2.618%
12	9.916	1308	1313	1318	rVB	349698	449373	2.65%	1.150%
13	10.598	1409	1429	1438	rBV	4246983	16964197	100.00%	43.426%
14	10.669	1438	1441	1444	rVV	234987	329606	1.94%	0.844%
15	10.710	1444	1448	1461	rVB	842321	1204220	7.10%	3.083%
16	11.410	1562	1567	1572	rBV	359841	448603	2.64%	1.148%
17	11.739	1615	1623	1636	rBV	1607680	3006321	17.72%	7.696%
18	12.998	1832	1837	1842	rBV	1336671	1723629	10.16%	4.412%
19	14.051	2012	2016	2028	rVB	377933	518407	3.06%	1.327%
20	15.545	2264	2270	2279	rVB	247992	393595	2.32%	1.008%

Sum of corrected areas: 39064988

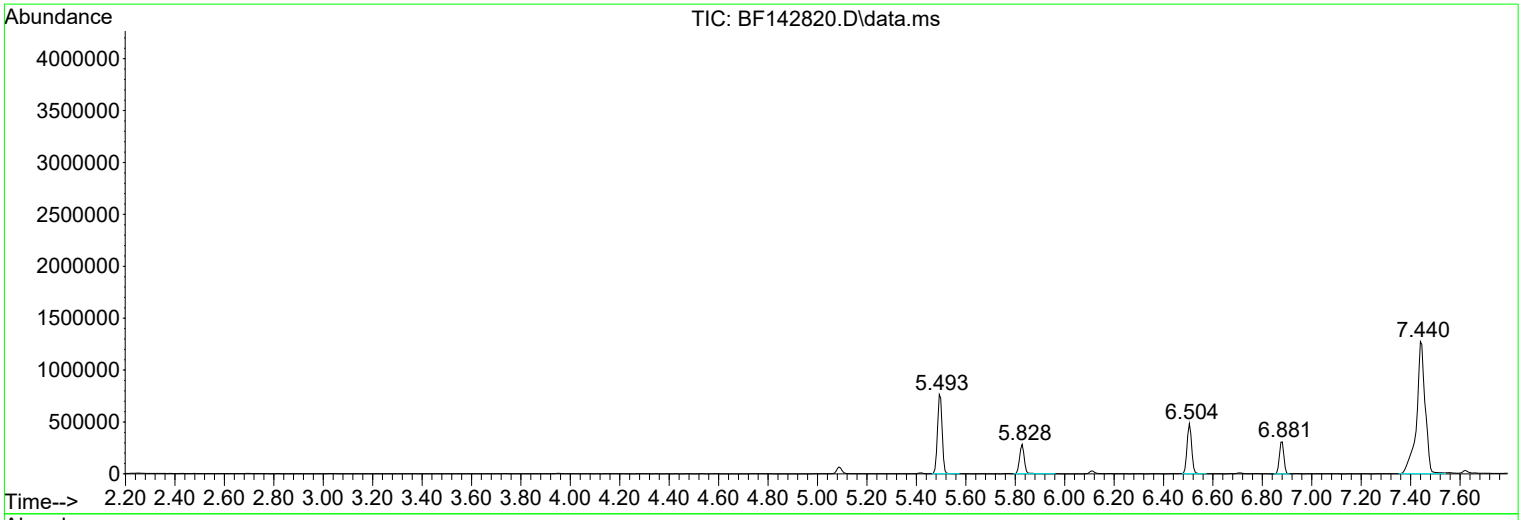
Sample Results: **BF142820.D**

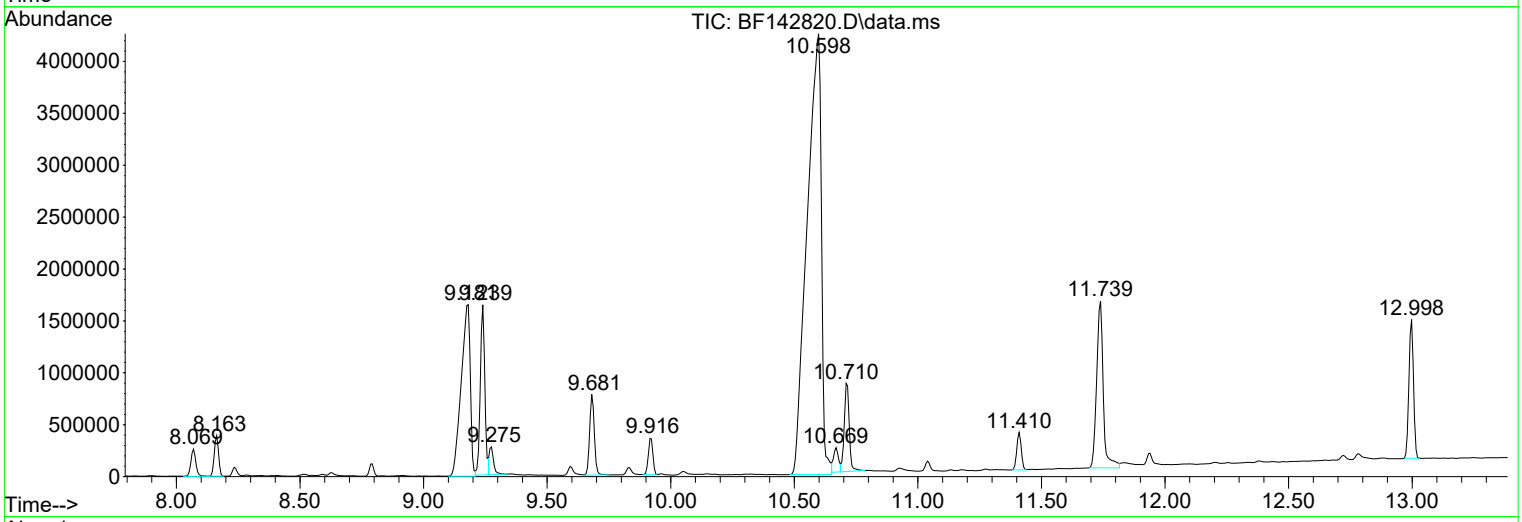
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062425\
Data File : BF142820.D
Acq On : 24 Jun 2025 15:28
Operator : RC/JU
Sample : Q2372-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

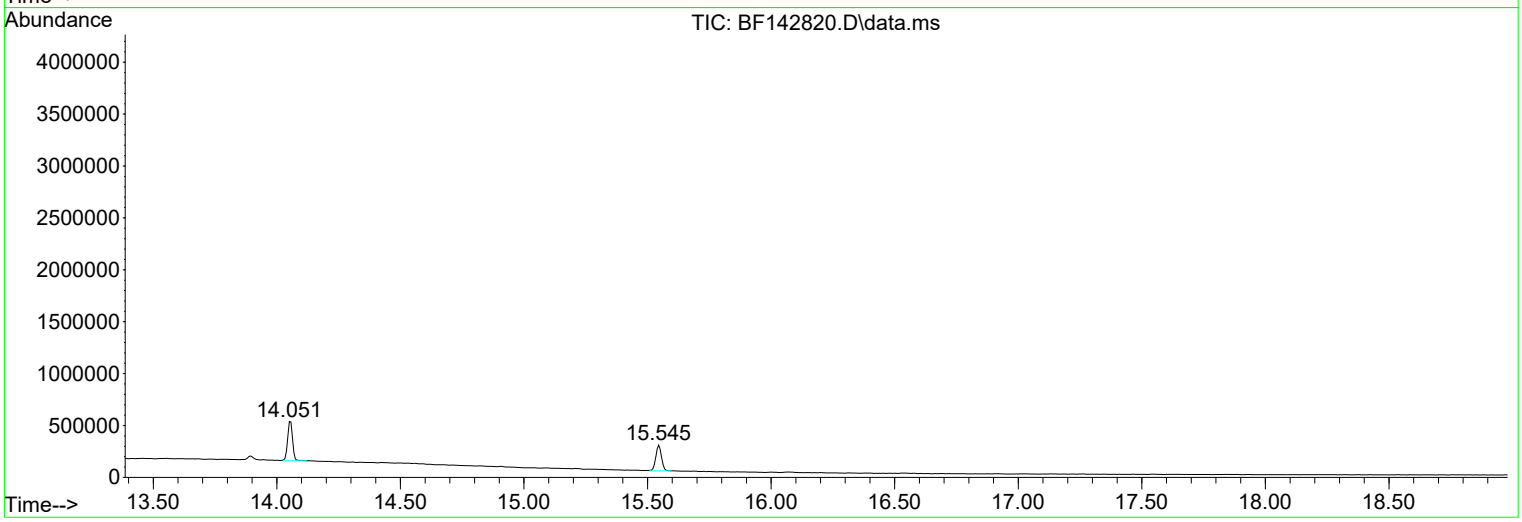
Instrument :
BNA_F
ClientSampleId :
GAV1W

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.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_F\Data\BF062425\
Data File : BF142820.D
Acq On : 24 Jun 2025 15:28
Operator : RC/JU
Sample : Q2372-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GAV1W

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

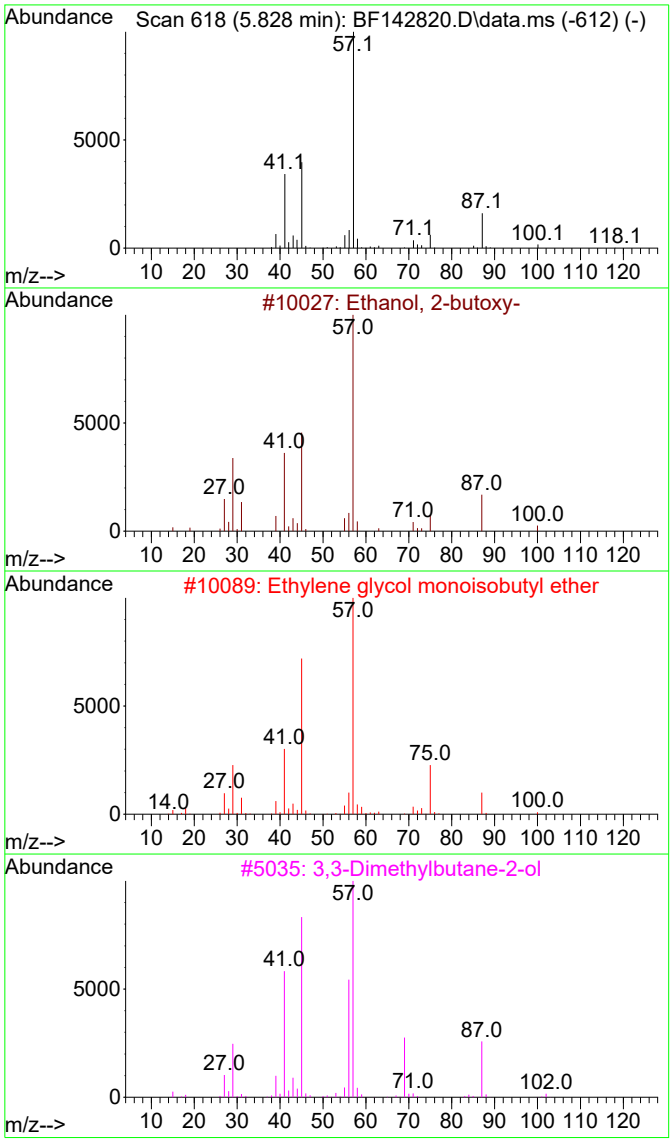
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

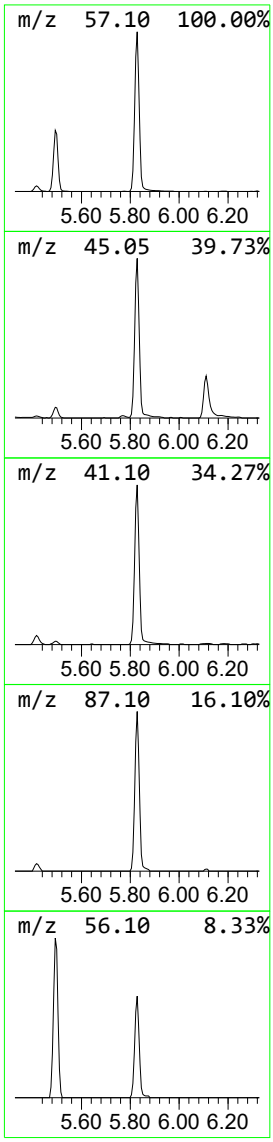
****

Peak Number 1 Ethanol, 2-butoxy- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.828	18.93 ng	371523	1,4-Dichlorobenzene-d4	6.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	83
2	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	50
3	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	33
4	n-Butyl ether	130	C8H18O	000142-96-1	12
5	Propanoic acid, 2-methylpropyl e...	130	C7H14O2	000540-42-1	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062425\
Data File : BF142820.D
Acq On : 24 Jun 2025 15:28
Operator : RC/JU
Sample : Q2372-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GAV1W

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

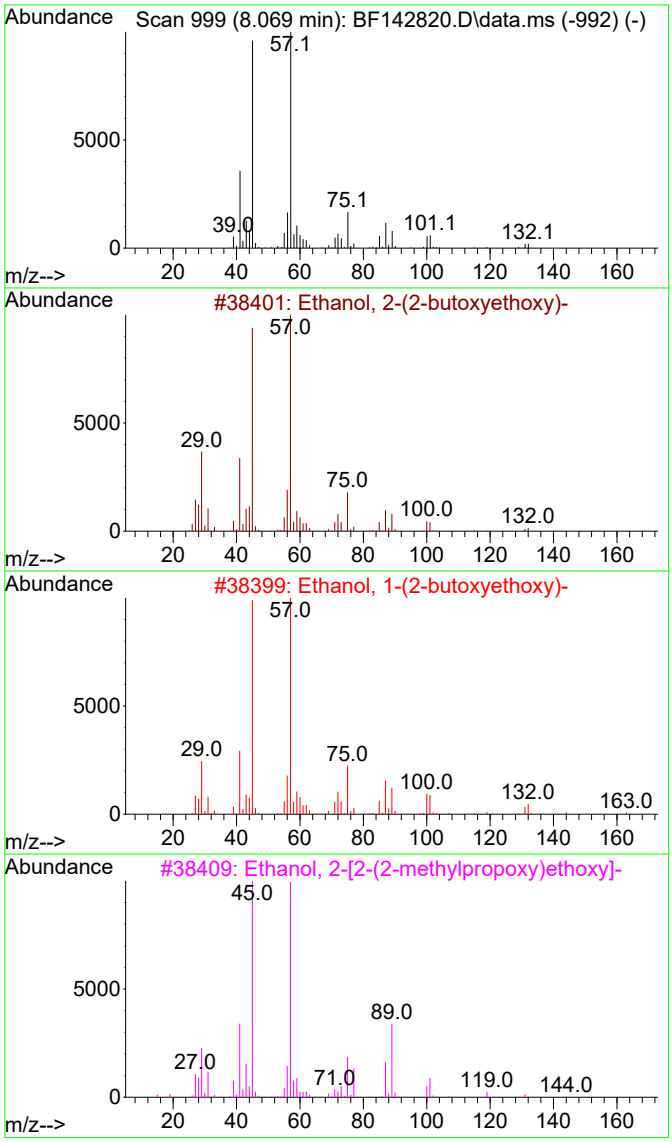
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

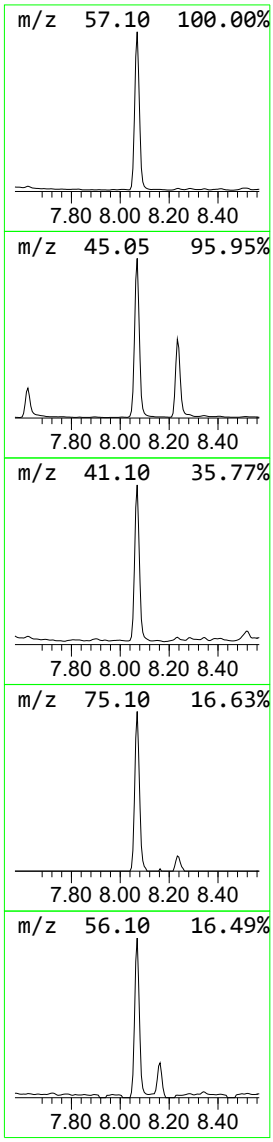
****

Peak Number 2 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.069	15.39 ng	361822	Naphthalene-d8	8.163

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	83
3	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	56
4	Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	56
5	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062425\
Data File : BF142820.D
Acq On : 24 Jun 2025 15:28
Operator : RC/JU
Sample : Q2372-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GAV1W

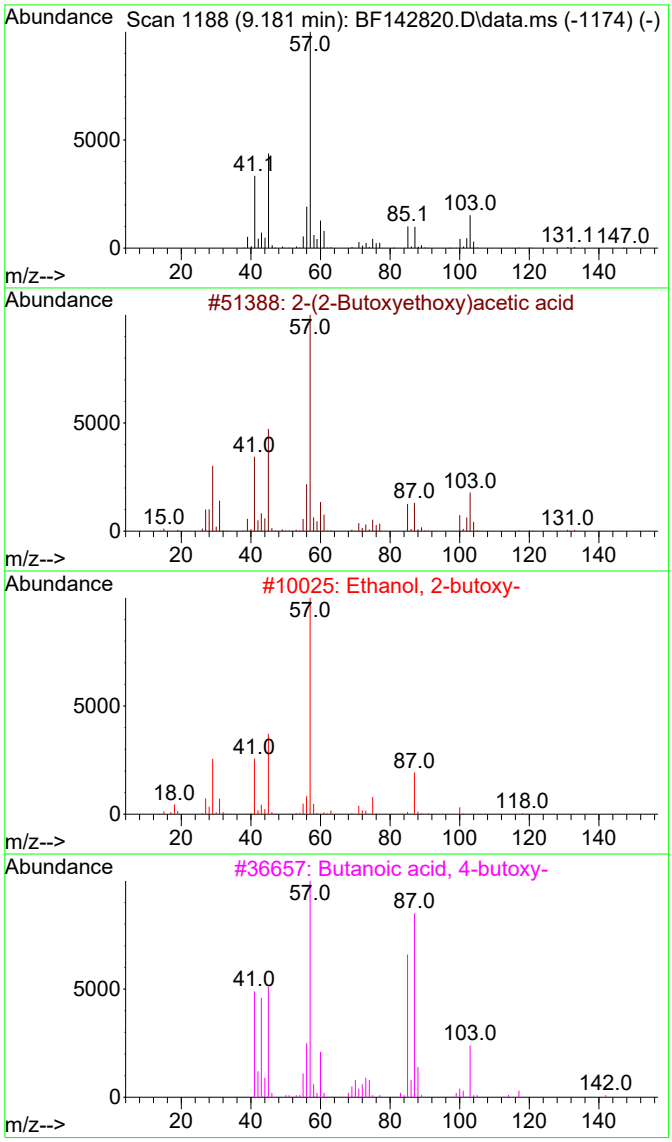
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

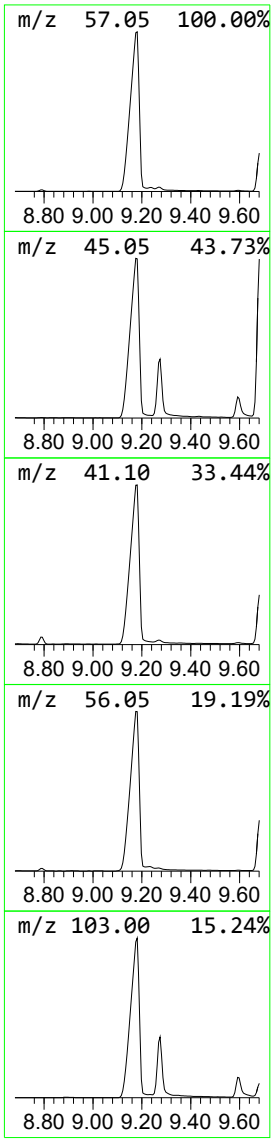
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2-(2-Butoxyethoxy)acetic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.181	189.12 ng	4249160	Acenaphthene-d10	9.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(2-Butoxyethoxy)acetic acid	176	C8H16O4	082941-26-2	72
2	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	43
3	Butanoic acid, 4-butoxy-	160	C8H16O3	055724-73-7	42
4	Carbonic acid, bis(1-methylpropy...	174	C9H18O3	000623-63-2	40
5	Isobutyl pentan-2-yl carbonate	188	C10H20O3	1010372-76-8	40





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062425\
Data File : BF142820.D
Acq On : 24 Jun 2025 15:28
Operator : RC/JU
Sample : Q2372-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GAV1W

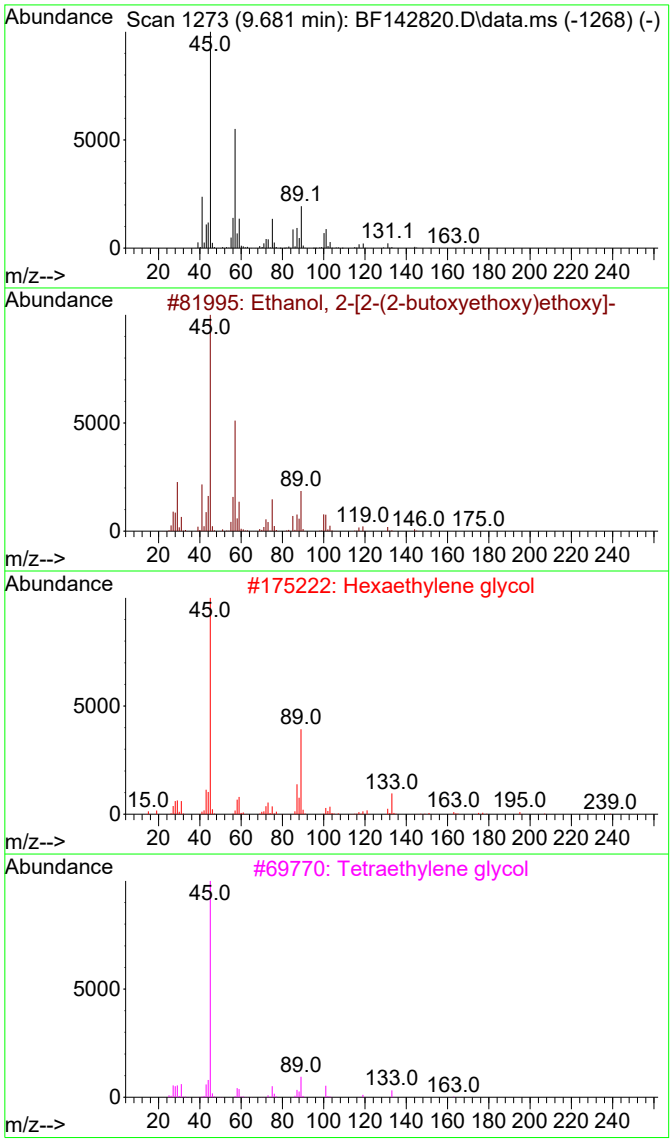
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

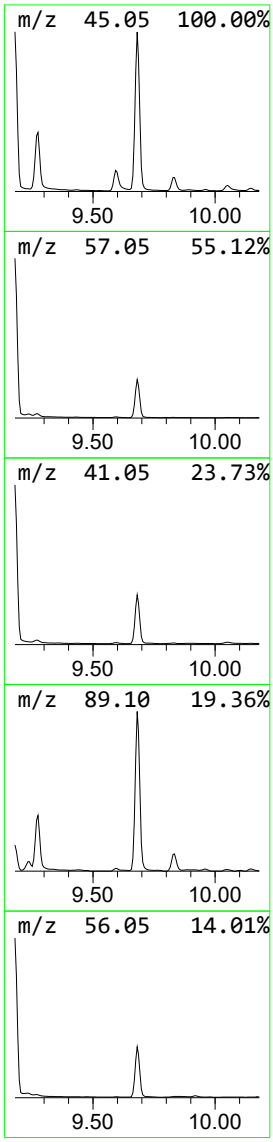
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Ethanol, 2-[2-(2-butoxyetho... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.681	45.52 ng	1022720	Acenaphthene-d10	9.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	91
2	Hexaethylene glycol	282	C12H26O7	002615-15-8	80
3	Tetraethylene glycol	194	C8H18O5	000112-60-7	72
4	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	64
5	Ethanol, 2-[2-(ethenyloxy)ethoxy]-	132	C6H12O3	000929-37-3	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062425\
Data File : BF142820.D
Acq On : 24 Jun 2025 15:28
Operator : RC/JU
Sample : Q2372-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GAV1W

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

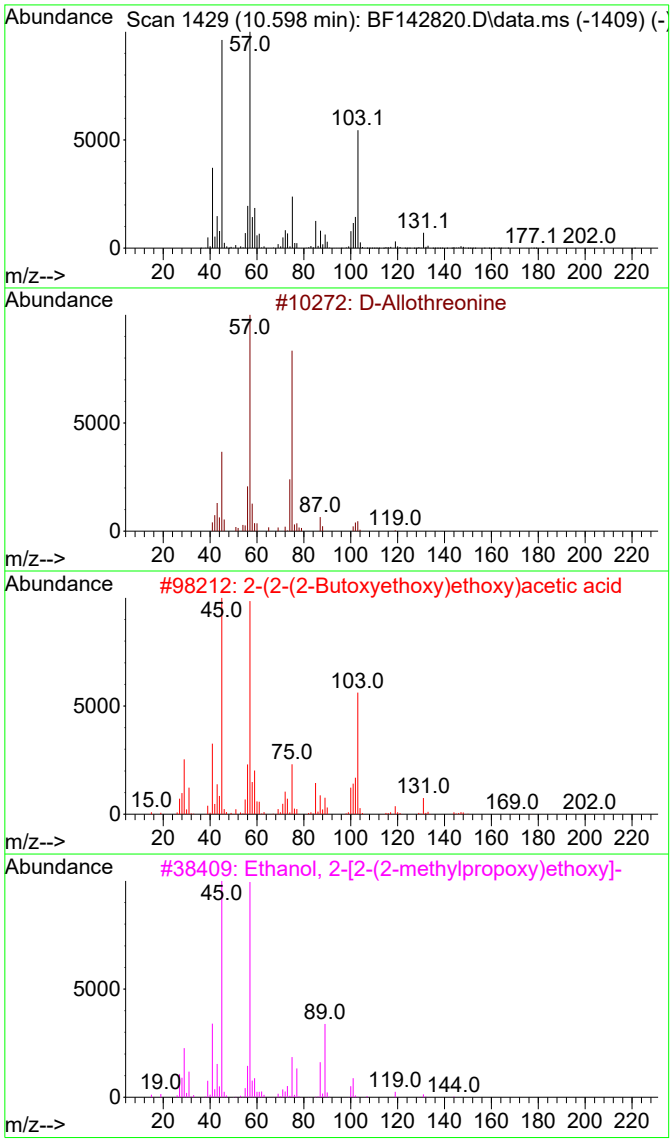
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

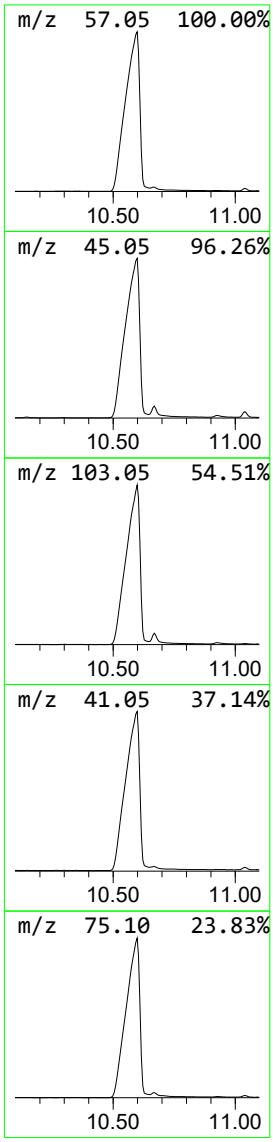
****

Peak Number 5 D-Allothreonine Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.598	755.02 ng	16964200	Acenaphthene-d10	9.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	D-Allothreonine	119	C4H9NO3	024830-94-2	64
2	2-(2-(2-Butoxyethoxy)ethoxy)acet...	220	C10H20O5	075427-76-8	58
3	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	50
4	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	50
5	Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	50





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Acq On : 24 Jun 2025 15:28
Operator : RC/JU
Sample : Q2372-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GAV1W

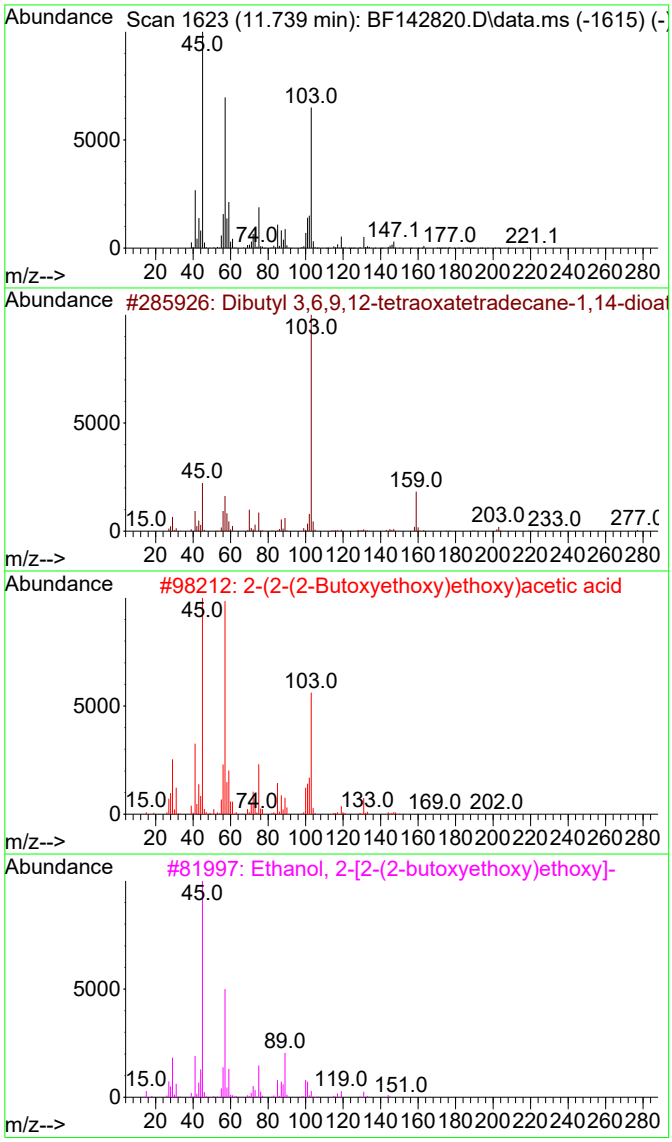
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

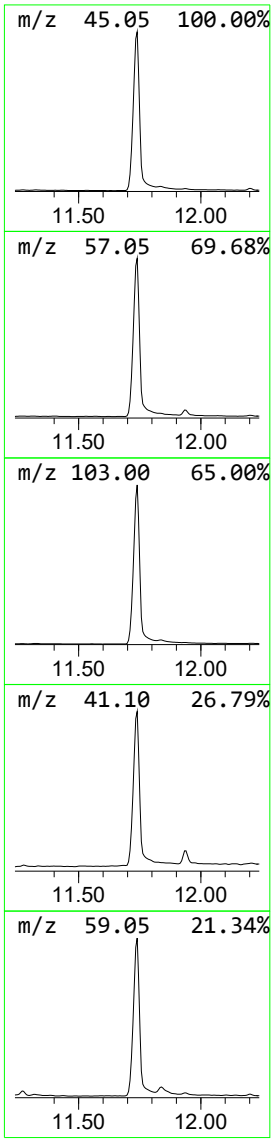
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Dibutyl 3,6,9,12-tetraoxate... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.739	134.03 ng	3006320	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibutyl 3,6,9,12-tetraoxatetrade...	378	C18H34O8	1010366-80-2	59
2	2-(2-(2-Butoxyethoxy)ethoxy)acet...	220	C10H20O5	075427-76-8	47
3	Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	47
4	Di-sec-Butyl ether	130	C8H18O	006863-58-7	43
5	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062425\
Data File : BF142820.D
Acq On : 24 Jun 2025 15:28
Operator : RC/JU
Sample : Q2372-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GAV1W

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethanol, 2-butoxy-	5.828	18.9	ng	371523	1	6.881	392587	20.0
Ethanol, 2-(2-b...	8.069	15.4	ng	361822	2	8.163	470338	20.0
2-(2-Butoxyetho...	9.181	189.1	ng	4249160	3	9.922	449373	20.0
Ethanol, 2-[2-(...	9.681	45.5	ng	1022720	3	9.922	449373	20.0
D-Allothreonine	10.598	755.0	ng	16964200	3	9.922	449373	20.0
Dibutyl 3,6,9,1...	11.739	134.0	ng	3006320	4	11.410	448603	20.0

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062525\
Data File : BF142835.D
Acq On : 25 Jun 2025 13:55
Operator : RC/JU
Sample : PB168592BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168592BL

Quant Time: Jun 25 14:34:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration

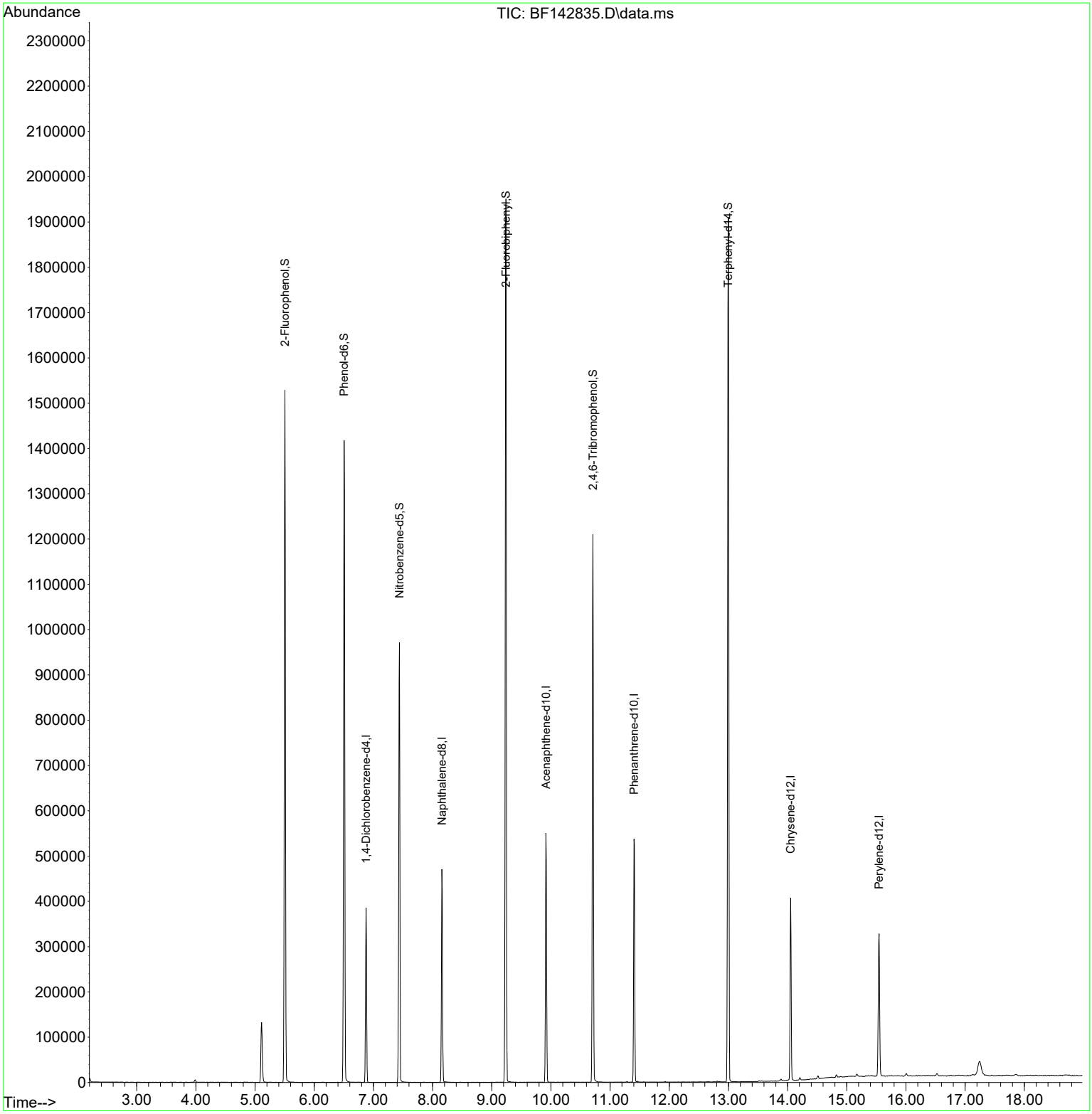
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	83049	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	315982	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	166060	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	291883	20.000	ng	0.00
76) Chrysene-d12	14.051	240	193847	20.000	ng	0.00
86) Perylene-d12	15.545	264	187448	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	594586	119.200	ng	0.01
7) Phenol-d6	6.504	99	692334	117.643	ng	0.00
23) Nitrobenzene-d5	7.439	82	436257	75.729	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	215307	125.994	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	947291	74.939	ng	0.00
79) Terphenyl-d14	12.998	244	957603	68.256	ng	0.00
Target Compounds						Qvalue

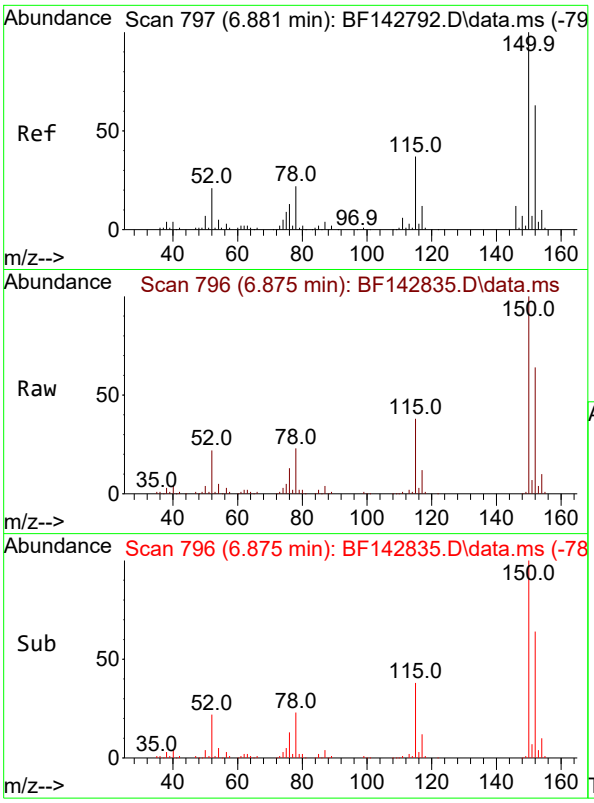
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062525\
Data File : BF142835.D
Acq On : 25 Jun 2025 13:55
Operator : RC/JU
Sample : PB168592BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168592BL

Quant Time: Jun 25 14:34:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration



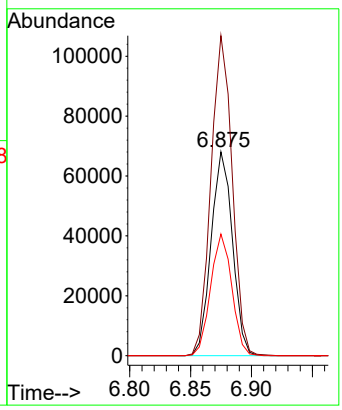


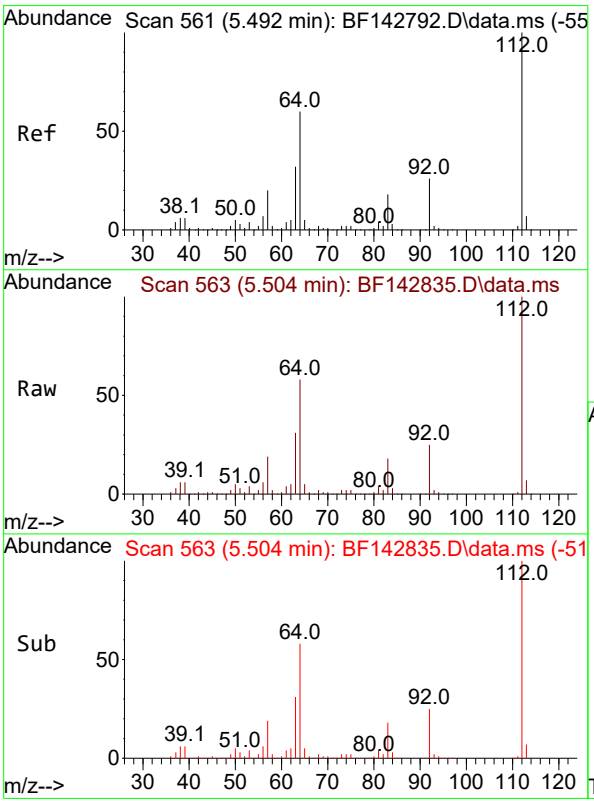
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142835.D
Acq: 25 Jun 2025 13:55

Instrument :
BNA_F
ClientSampleId :
PB168592BL

Tgt Ion:152 Resp: 83049

Ion	Ratio	Lower	Upper
152	100		
150	157.0	127.2	190.8
115	59.6	46.6	69.8

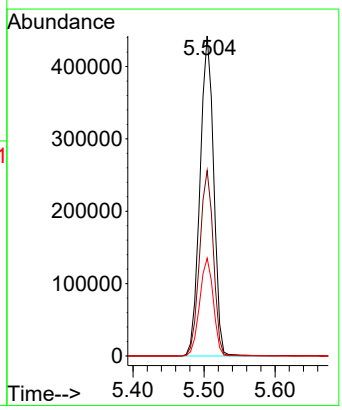


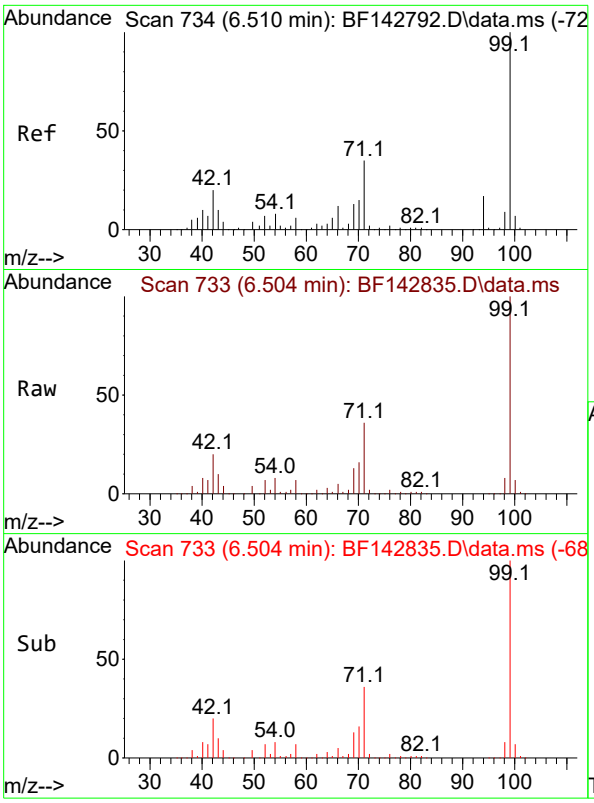


#5
2-Fluorophenol
Concen: 119.200 ng
RT: 5.504 min Scan# 563
Delta R.T. 0.012 min
Lab File: BF142835.D
Acq: 25 Jun 2025 13:55

Tgt Ion:112 Resp: 594586

Ion	Ratio	Lower	Upper
112	100		
64	57.9	48.2	72.2
63	30.5	25.7	38.5



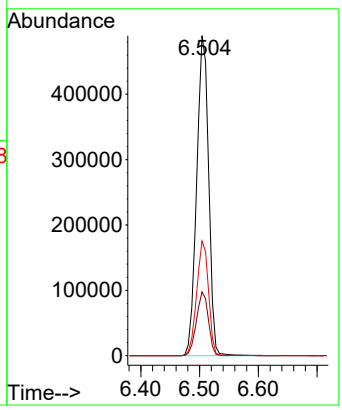


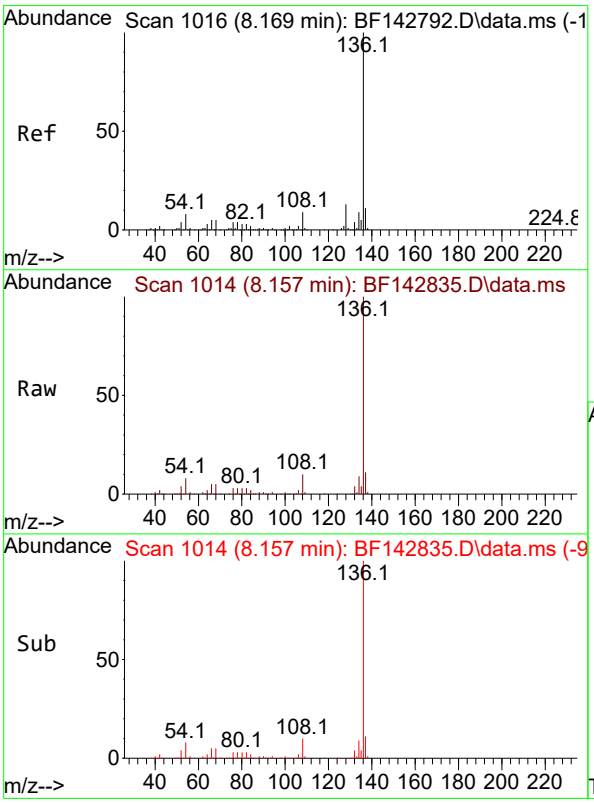
#7
Phenol-d6
Concen: 117.643 ng
RT: 6.504 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF142835.D
Acq: 25 Jun 2025 13:55

Instrument :
BNA_F
ClientSampleId :
PB168592BL

Tgt Ion: 99 Resp: 692334

Ion	Ratio	Lower	Upper
99	100		
42	19.9	15.9	23.9
71	35.8	27.8	41.8

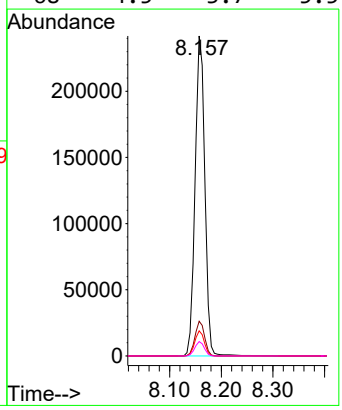


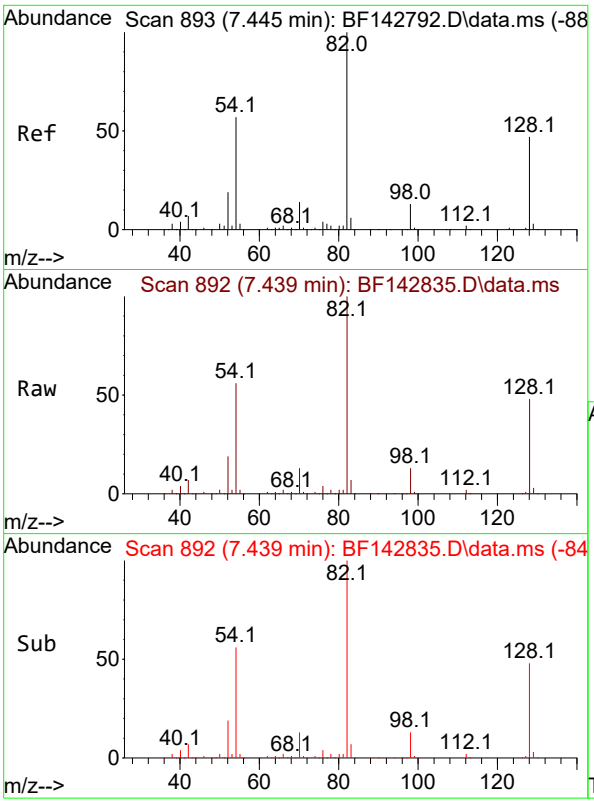


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF142835.D
Acq: 25 Jun 2025 13:55

Tgt Ion:136 Resp: 315982

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.4	12.6
54	7.9	6.3	9.5
68	4.5	3.7	5.5



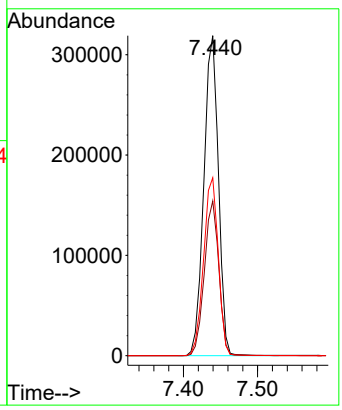


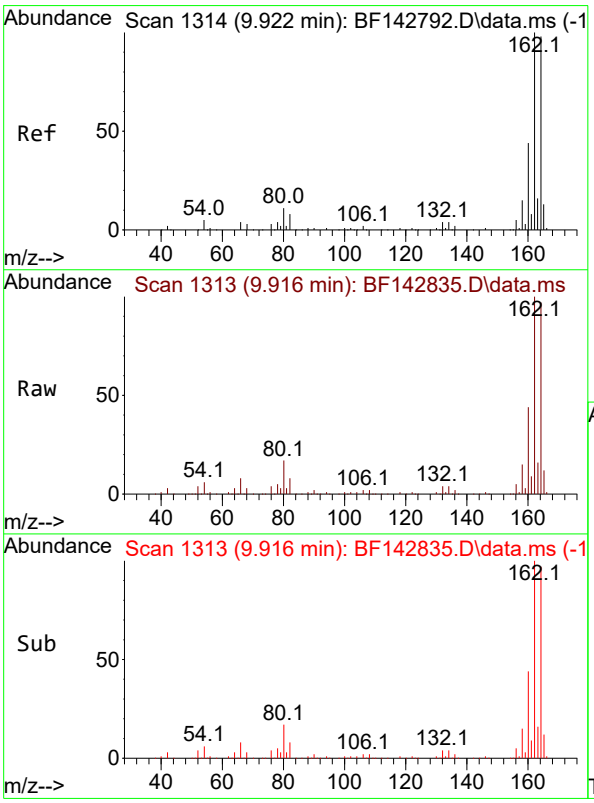
#23
Nitrobenzene-d5
Concen: 75.729 ng
RT: 7.439 min Scan# 8
Delta R.T. -0.006 min
Lab File: BF142835.D
Acq: 25 Jun 2025 13:55

Instrument :
BNA_F
ClientSampleId :
PB168592BL

Tgt Ion: 82 Resp: 436257

Ion	Ratio	Lower	Upper
82	100		
128	48.3	37.7	56.5
54	55.6	45.7	68.5

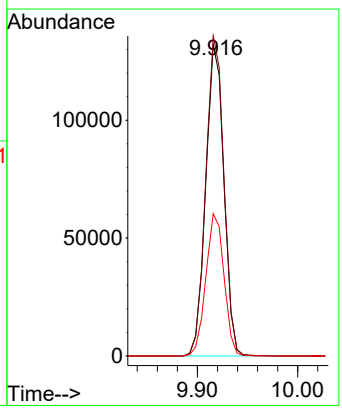


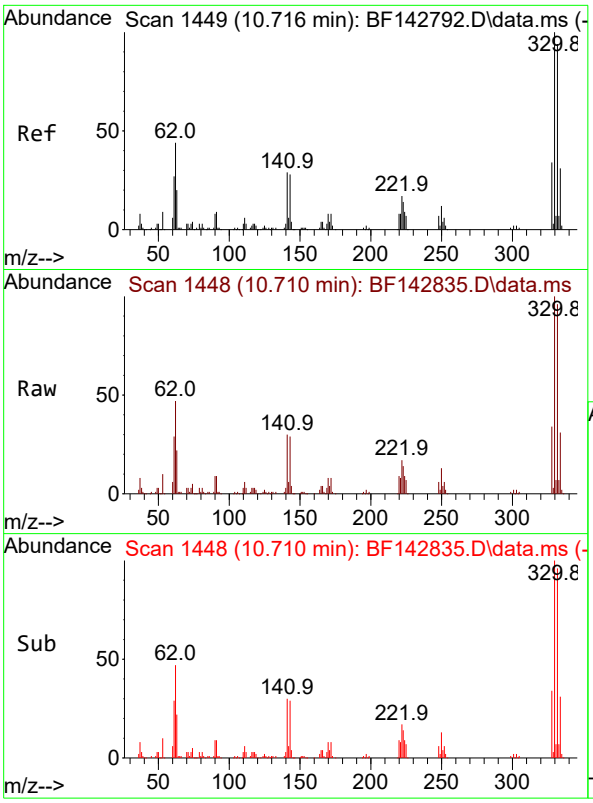


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF142835.D
Acq: 25 Jun 2025 13:55

Tgt Ion:164 Resp: 166060

Ion	Ratio	Lower	Upper
164	100		
162	102.8	81.8	122.8
160	45.7	36.0	54.0



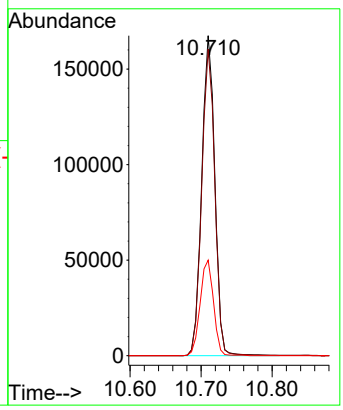


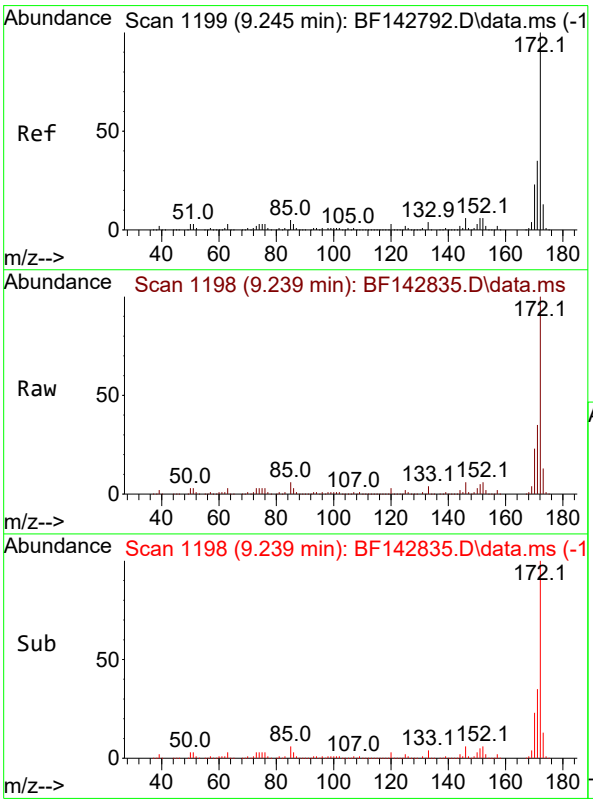
#42
2,4,6-Tribromophenol
Concen: 125.994 ng
RT: 10.710 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142835.D
Acq: 25 Jun 2025 13:55

Instrument :
BNA_F
ClientSampleId :
PB168592BL

Tgt Ion:330 Resp: 215307

Ion	Ratio	Lower	Upper
330	100		
332	96.0	75.0	112.6
141	30.5	25.3	37.9

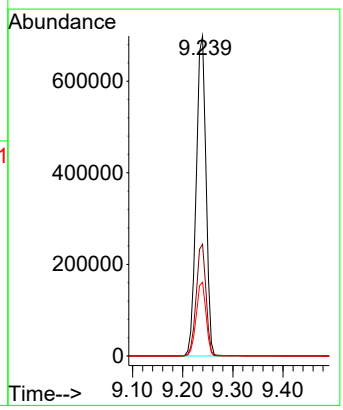


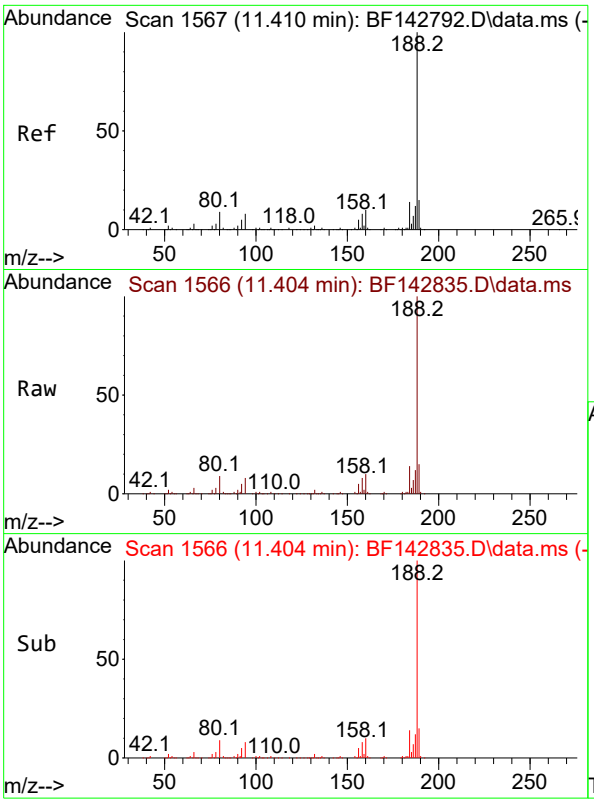


#45
2-Fluorobiphenyl
Concen: 74.939 ng
RT: 9.239 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BF142835.D
Acq: 25 Jun 2025 13:55

Tgt Ion:172 Resp: 947291

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.2	42.4
170	23.0	18.5	27.7



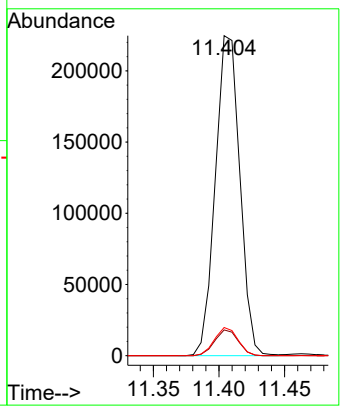


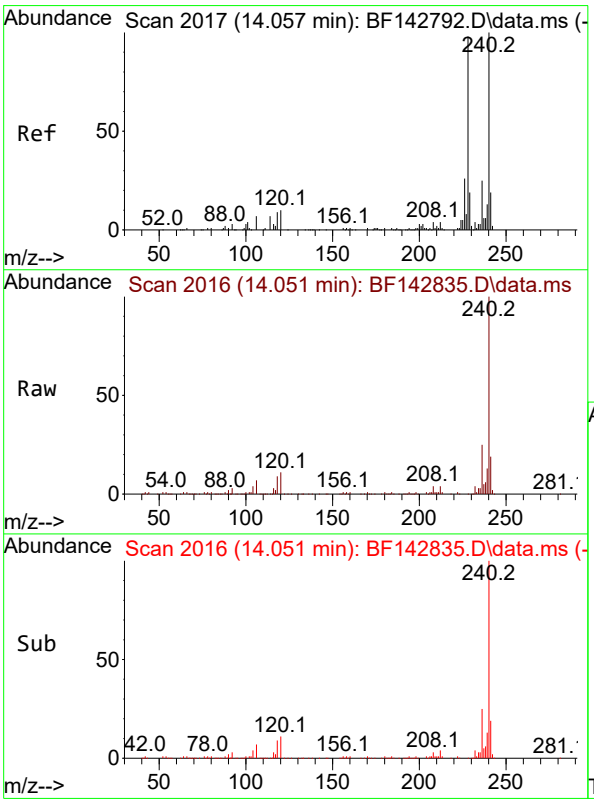
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142835.D
Acq: 25 Jun 2025 13:55

Instrument :
BNA_F
ClientSampleId :
PB168592BL

Tgt Ion:188 Resp: 291883

Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.7	10.1
80	8.8	6.9	10.3

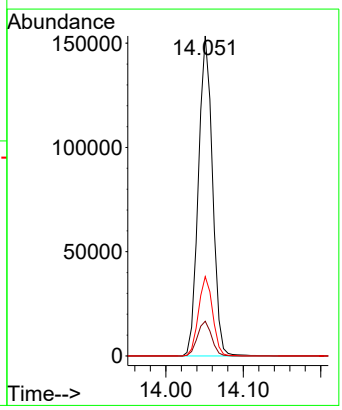


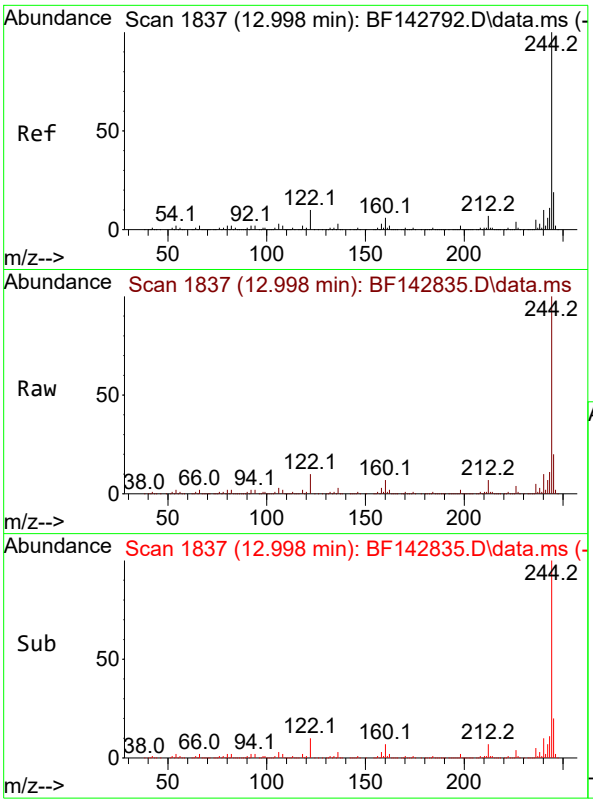


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF142835.D
Acq: 25 Jun 2025 13:55

Tgt Ion:240 Resp: 193847

Ion	Ratio	Lower	Upper
240	100		
120	10.9	8.2	12.2
236	24.8	19.8	29.8



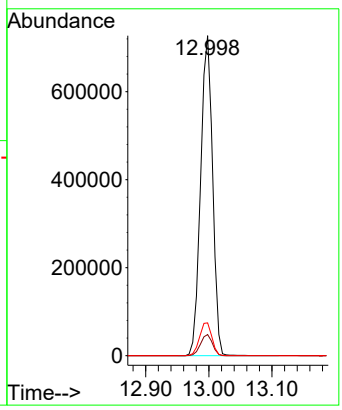


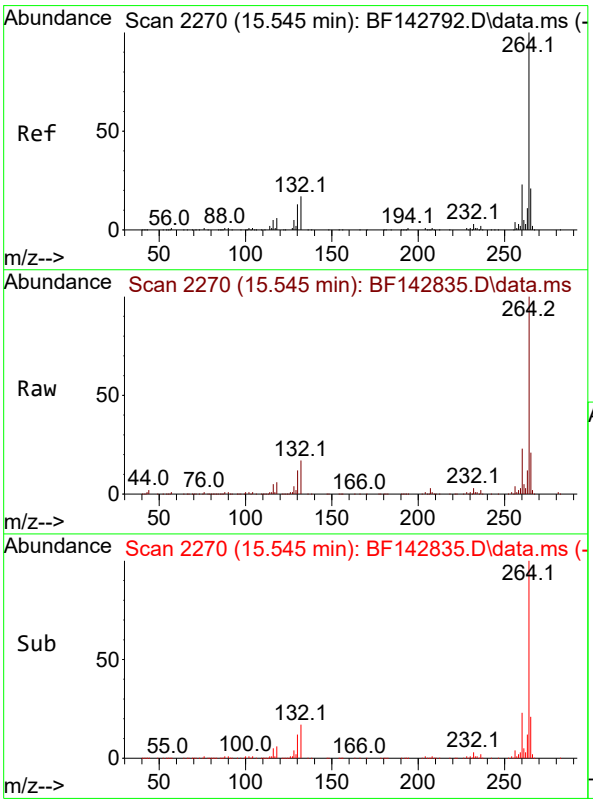
#79
Terphenyl-d14
Concen: 68.256 ng
RT: 12.998 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF142835.D
Acq: 25 Jun 2025 13:55

Instrument :
BNA_F
ClientSampleId :
PB168592BL

Tgt Ion:244 Resp: 957603

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.0
122	10.3	8.2	12.2

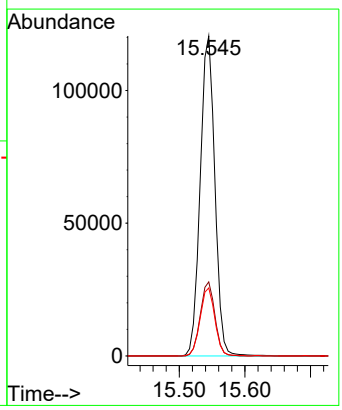




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BF142835.D
Acq: 25 Jun 2025 13:55

Tgt Ion:264 Resp: 187448

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.1	27.1
265	21.3	16.6	25.0



Sample Results: **BF142835.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062525\
Data File : BF142835.D
Acq On : 25 Jun 2025 13:55
Operator : RC/JU
Sample : PB168592BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168592BL

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

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

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF142835.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.110	489	496	507	rBV	132609	212680	8.04%	1.340%
2	5.504	557	563	568	rBV	1528011	2043454	77.24%	12.879%
3	6.504	727	733	754	rBV	1417179	2001542	75.65%	12.615%
4	6.875	791	796	801	rBV	385682	465032	17.58%	2.931%
5	7.440	885	892	897	rBV	970890	1322292	49.98%	8.334%
6	8.157	1009	1014	1020	rBV	470325	603521	22.81%	3.804%
7	9.239	1191	1198	1203	rBV	1950618	2645671	100.00%	16.675%
8	9.916	1308	1313	1318	rBV	550305	686251	25.94%	4.325%
9	10.710	1442	1448	1453	rBV	1209777	1564614	59.14%	9.861%
10	11.404	1561	1566	1573	rBV	536884	691671	26.14%	4.359%
11	12.998	1831	1837	1842	rBV	1908833	2511985	94.95%	15.832%
12	14.051	2011	2016	2030	rVB	403065	505869	19.12%	3.188%
13	15.545	2263	2270	2280	rBV	314037	489069	18.49%	3.082%
14	17.245	2550	2559	2573	rVB3	30295	122447	4.63%	0.772%

Sum of corrected areas: 15866098

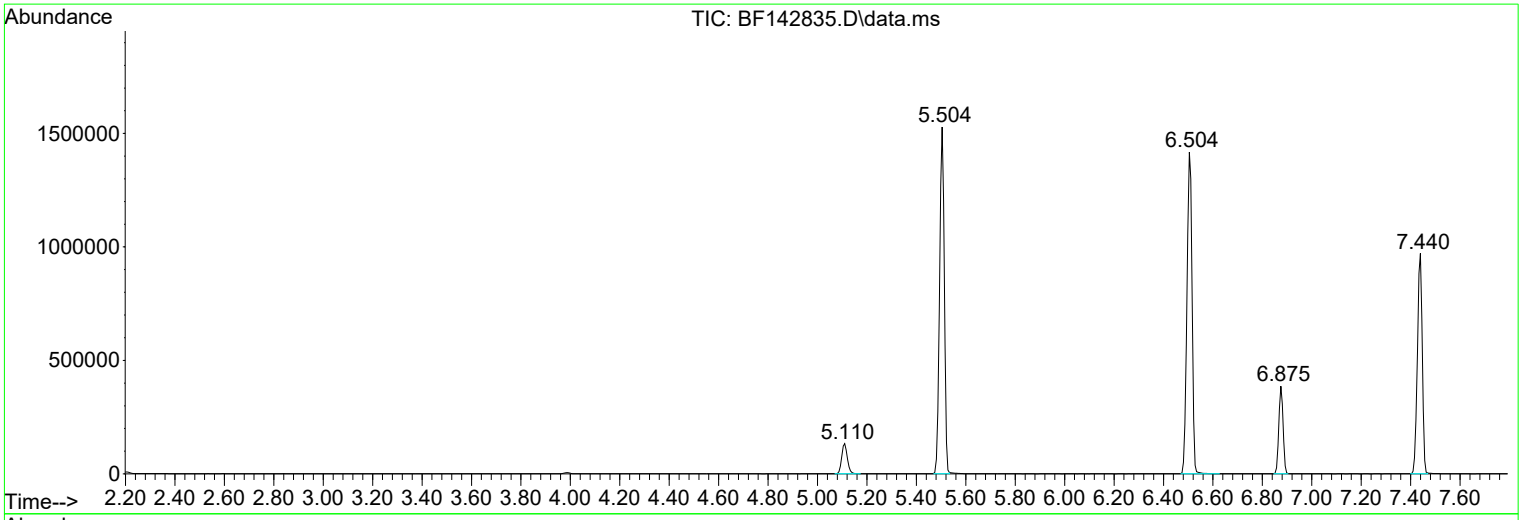
Sample Results: **BF142835.D**

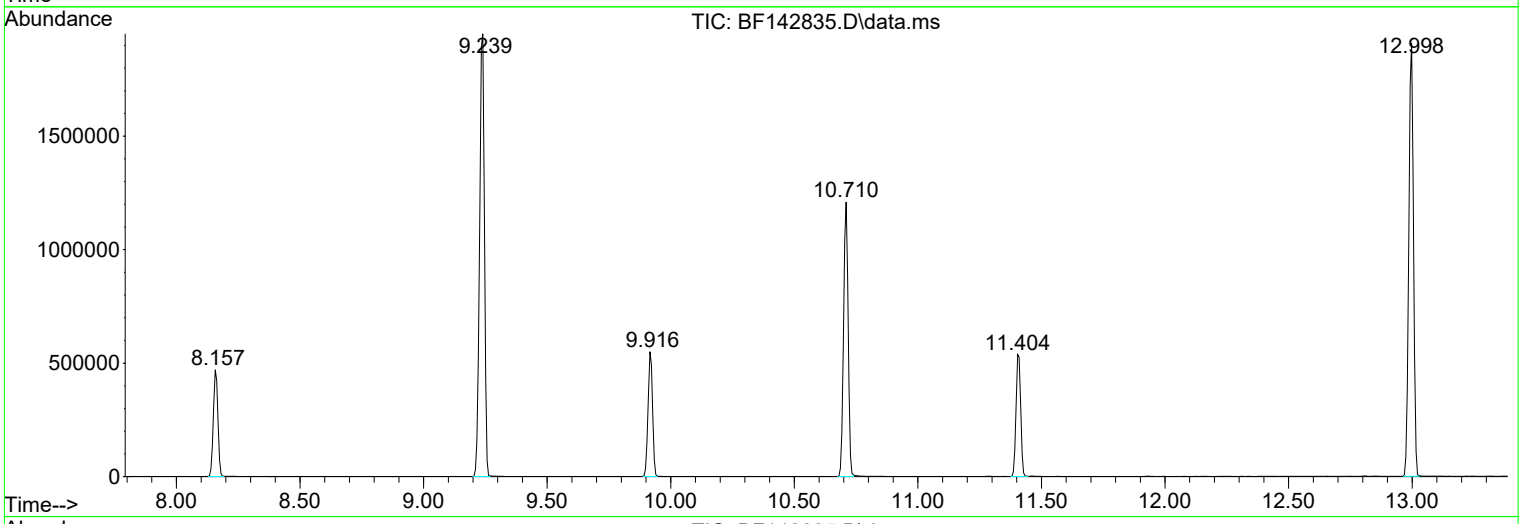
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062525\
Data File : BF142835.D
Acq On : 25 Jun 2025 13:55
Operator : RC/JU
Sample : PB168592BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

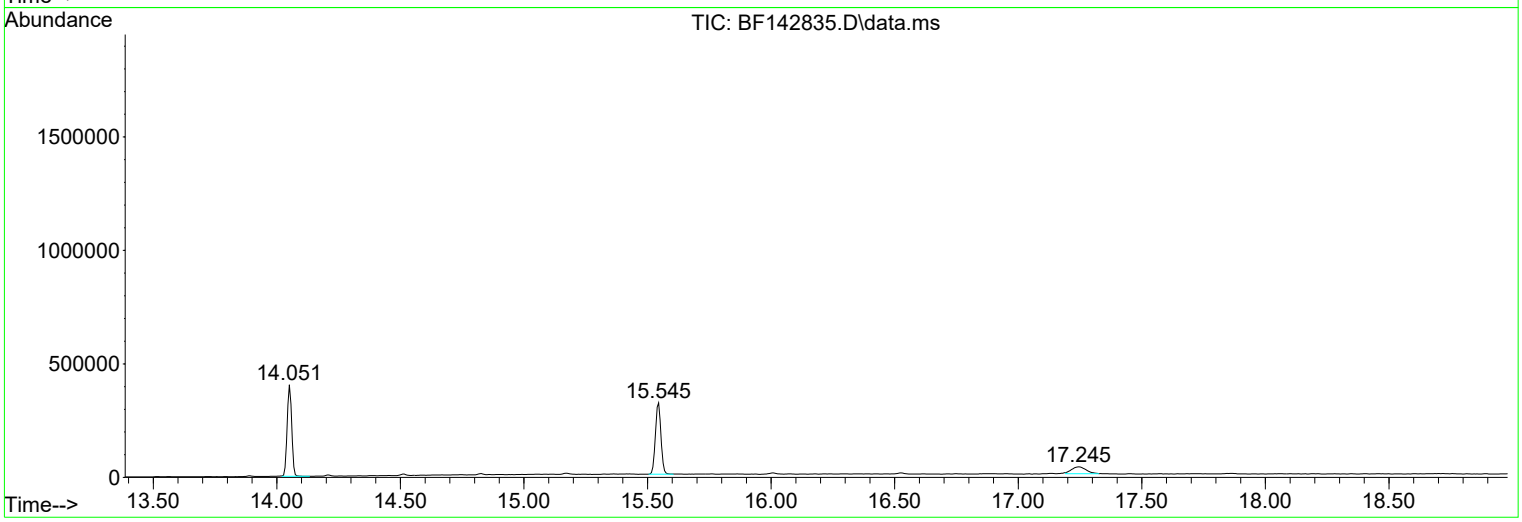
Instrument :
BNA_F
ClientSampleId :
PB168592BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.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_F\Data\BF062525\
Data File : BF142835.D
Acq On : 25 Jun 2025 13:55
Operator : RC/JU
Sample : PB168592BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168592BL

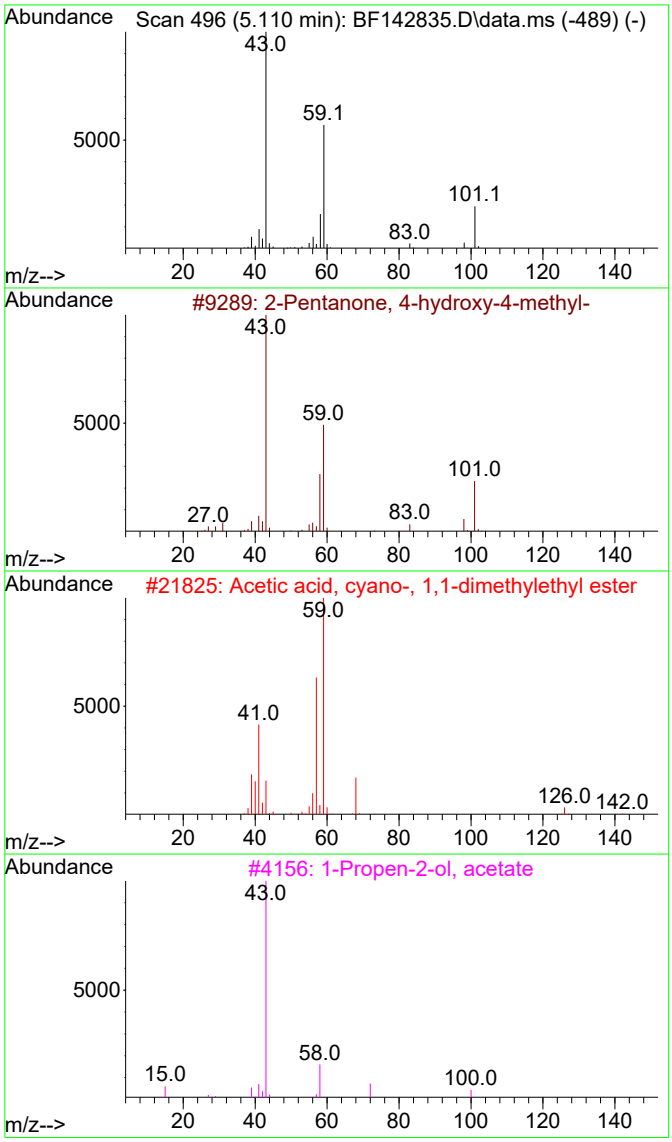
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

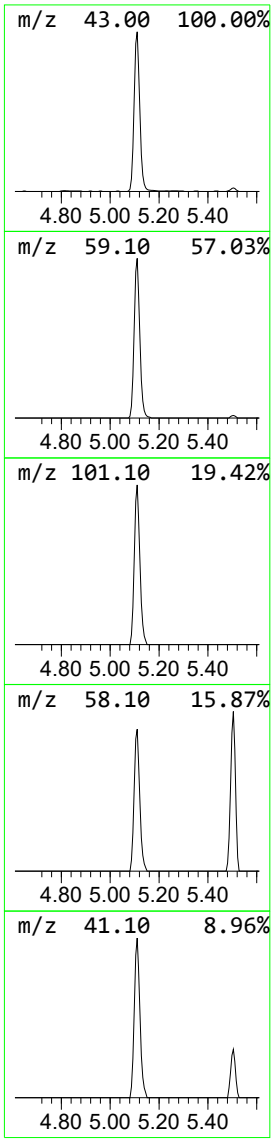
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.110	9.15 ng	212680	1,4-Dichlorobenzene-d4	6.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062525\
Data File : BF142835.D
Acq On : 25 Jun 2025 13:55
Operator : RC/JU
Sample : PB168592BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168592BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

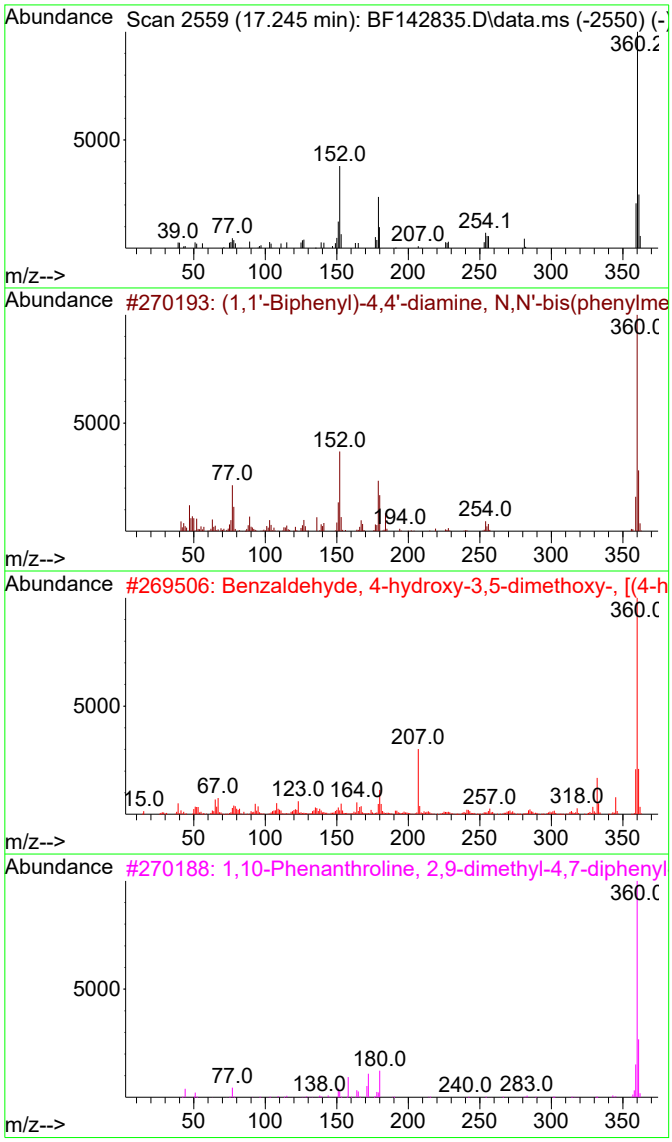
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

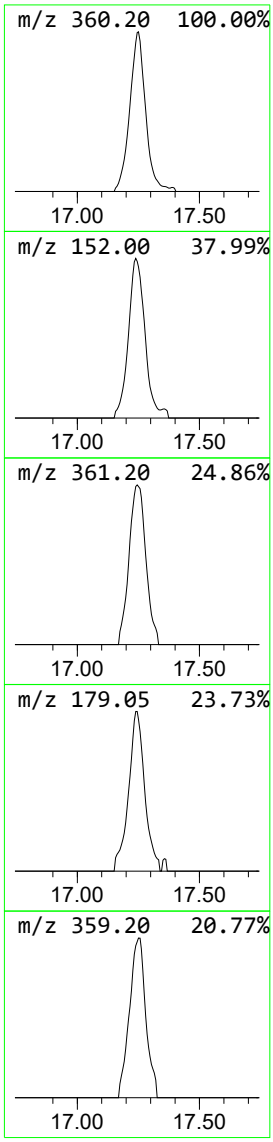
****

Peak Number 2 (1,1'-Biphenyl)-4,4'-diamin... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.245	5.01 ng	122447	Perylene-d12	15.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1,1'-Biphenyl)-4,4'-diamine, N,...	360	C26H20N2	006311-48-4	93
2	Benzaldehyde, 4-hydroxy-3,5-dime...	360	C18H20N2O6	014414-32-5	58
3	1,10-Phenanthroline, 2,9-dimethy...	360	C26H20N2	004733-39-5	53
4	4-Amino-3-[3-(trifluoromethyl)ph...	360	C14H15F3N2O2SSi	1010500-98-0	52
5	1,3,2-Dioxaborolane, bis(spiro[4...	360	C20H13BO6	1000150-23-7	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062525\
Data File : BF142835.D
Acq On : 25 Jun 2025 13:55
Operator : RC/JU
Sample : PB168592BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168592BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	5.110	9.2	ng	212680	1	6.875	465032	20.0
(1,1'-Biphenyl)...	17.245	5.0	ng	122447	6	15.545	489069	20.0

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062525\
Data File : BF142836.D
Acq On : 25 Jun 2025 14:25
Operator : RC/JU
Sample : PB168592BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168592BS

Quant Time: Jun 25 14:51:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	81651	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	296393	20.000	ng		0.00
39) Acenaphthene-d10	9.922	164	150433	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	242210	20.000	ng		0.00
76) Chrysene-d12	14.057	240	173489	20.000	ng		0.00
86) Perylene-d12	15.545	264	196328	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	556114	113.396	ng		0.01
7) Phenol-d6	6.510	99	642235	110.998	ng		0.00
23) Nitrobenzene-d5	7.439	82	401632	74.326	ng		0.00
42) 2,4,6-Tribromophenol	10.716	330	188759	121.933	ng		0.00
45) 2-Fluorobiphenyl	9.239	172	865774	75.605	ng		0.00
79) Terphenyl-d14	12.998	244	787323	62.704	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.716	88	68772	35.060	ng		99
3) Pyridine	3.481	79	187879	38.206	ng		98
4) n-Nitrosodimethylamine	3.428	42	106183	41.756	ng		99
6) Aniline	6.540	93	226530	29.424	ng	#	90
8) 2-Chlorophenol	6.663	128	221594	41.887	ng		99
9) Benzaldehyde	6.428	77	131188	38.217	ng		99
10) Phenol	6.528	94	259021	40.274	ng		87
11) bis(2-Chloroethyl)ether	6.610	93	198585	43.201	ng		99
12) 1,3-Dichlorobenzene	6.816	146	249638	42.194	ng		98
13) 1,4-Dichlorobenzene	6.892	146	249146	41.738	ng		99
14) 1,2-Dichlorobenzene	7.045	146	241318	42.622	ng		99
15) Benzyl Alcohol	7.022	79	173328	41.438	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.151	45	304508	41.232	ng		96
17) 2-Methylphenol	7.134	107	165646	41.318	ng		98
18) Hexachloroethane	7.386	117	89305	42.773	ng		99
19) n-Nitroso-di-n-propyla...	7.287	70	139808	41.546	ng		100
20) 3+4-Methylphenols	7.287	107	207652	41.543	ng		94
22) Acetophenone	7.287	105	290803	44.492	ng		99
24) Nitrobenzene	7.463	77	215096	43.980	ng		97
25) Isophorone	7.698	82	380021	43.841	ng		100
26) 2-Nitrophenol	7.775	139	120125	45.088	ng		99
27) 2,4-Dimethylphenol	7.816	122	197200	42.731	ng		99
28) bis(2-Chloroethoxy)met...	7.910	93	240634	43.665	ng		99
29) 2,4-Dichlorophenol	8.022	162	180538	43.145	ng		99
30) 1,2,4-Trichlorobenzene	8.104	180	201493	43.791	ng		99
31) Naphthalene	8.181	128	632908	43.625	ng		100
32) Benzoic acid	7.928	122	109212	46.431	ng		95
33) 4-Chloroaniline	8.233	127	137919	23.379	ng		98
34) Hexachlorobutadiene	8.298	225	125139	44.463	ng		100
35) Caprolactam	8.598	113	52489m	47.537	ng		
36) 4-Chloro-3-methylphenol	8.716	107	177044	42.573	ng		100
37) 2-Methylnaphthalene	8.875	142	388612	43.206	ng		100
38) 1-Methylnaphthalene	8.975	142	405799	43.583	ng		100
40) 1,2,4,5-Tetrachloroben...	9.045	216	197534	44.502	ng		99
41) Hexachlorocyclopentadiene	9.028	237	236501	93.890	ng		100
43) 2,4,6-Trichlorophenol	9.157	196	125833	43.504	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062525\
Data File : BF142836.D
Acq On : 25 Jun 2025 14:25
Operator : RC/JU
Sample : PB168592BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168592BS

Quant Time: Jun 25 14:51:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration

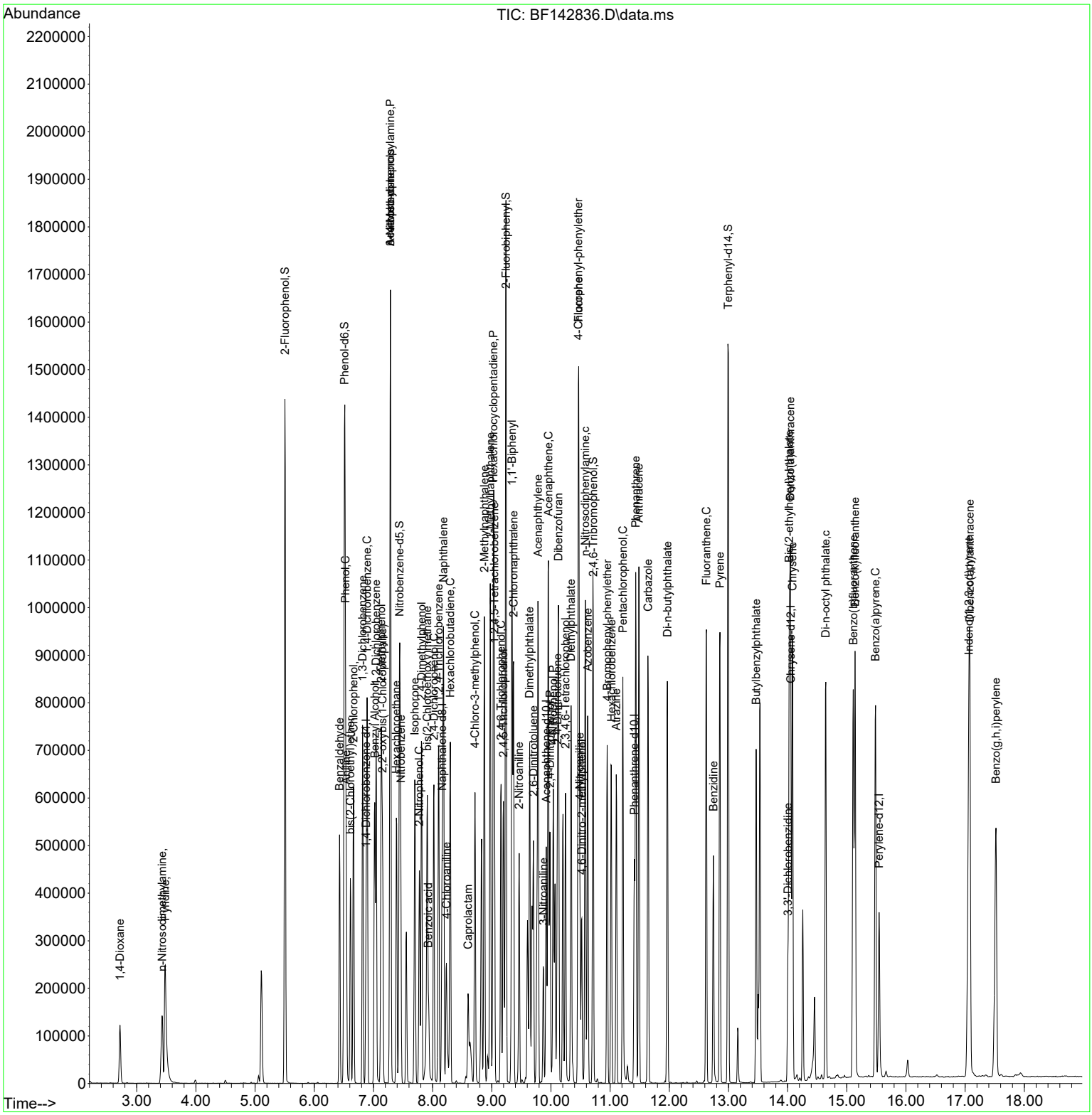
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	131160	43.077	ng	99
46) 1,1'-Biphenyl	9.339	154	526601	44.314	ng	100
47) 2-Chloronaphthalene	9.369	162	391214	43.870	ng	99
48) 2-Nitroaniline	9.463	65	107279	42.910	ng	95
49) Acenaphthylene	9.780	152	641037	43.666	ng	100
50) Dimethylphthalate	9.639	163	432670	44.433	ng	100
51) 2,6-Dinitrotoluene	9.704	165	94530	44.205	ng	99
52) Acenaphthene	9.957	154	432857	48.327	ng	99
53) 3-Nitroaniline	9.875	138	58192	24.716	ng	94
54) 2,4-Dinitrophenol	9.986	184	111563	104.189	ng	92
55) Dibenzofuran	10.128	168	553767	43.115	ng	99
56) 4-Nitrophenol	10.039	139	148233	91.963	ng	99
57) 2,4-Dinitrotoluene	10.110	165	130569	45.967	ng	98
58) Fluorene	10.469	166	431494	43.017	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	109923	44.788	ng	95
60) Diethylphthalate	10.339	149	434869	45.548	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	208164	43.489	ng	98
62) 4-Nitroaniline	10.486	138	95217	44.219	ng	99
63) Azobenzene	10.622	77	368801	43.219	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	70935	48.418	ng	99
66) n-Nitrosodiphenylamine	10.580	169	371386	44.242	ng	100
67) 4-Bromophenyl-phenylether	10.951	248	125614	45.569	ng	97
68) Hexachlorobenzene	11.022	284	135788	44.331	ng	98
69) Atrazine	11.104	200	111873	51.609	ng	99
70) Pentachlorophenol	11.216	266	143315	93.897	ng	99
71) Phenanthrene	11.433	178	582659	44.408	ng	100
72) Anthracene	11.486	178	599633	44.562	ng	100
73) Carbazole	11.639	167	528549	45.517	ng	100
74) Di-n-butylphthalate	11.969	149	622098	51.426	ng	100
75) Fluoranthene	12.627	202	584298	46.924	ng	99
77) Benzidine	12.745	184	263635	40.446	ng	99
78) Pyrene	12.857	202	580194	35.678	ng	100
80) Butylbenzylphthalate	13.468	149	236584	50.154	ng	98
81) Benzo(a)anthracene	14.045	228	510276	43.600	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	73088	19.253	ng	99
83) Chrysene	14.080	228	476475	45.624	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	346643	51.075	ng	99
85) Di-n-octyl phthalate	14.645	149	600884	46.953	ng	99
87) Indeno(1,2,3-cd)pyrene	17.062	276	609525	40.760	ng	99
88) Benzo(b)fluoranthene	15.110	252	513076	45.164	ng	100
89) Benzo(k)fluoranthene	15.139	252	519326	48.862	ng	100
90) Benzo(a)pyrene	15.486	252	502904	45.823	ng	99
91) Dibenzo(a,h)anthracene	17.080	278	495314	40.765	ng	99
92) Benzo(g,h,i)perylene	17.521	276	494097	40.780	ng	98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062525\
Data File : BF142836.D
Acq On : 25 Jun 2025 14:25
Operator : RC/JU
Sample : PB168592BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168592BS

Quant Time: Jun 25 14:51:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062525\
Data File : BF142837.D
Acq On : 25 Jun 2025 14:55
Operator : RC/JU
Sample : PB168592BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168592BSD

Quant Time: Jun 25 15:24:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	83905	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	314873	20.000	ng		0.00
39) Acenaphthene-d10	9.922	164	163617	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	262901	20.000	ng		0.00
76) Chrysene-d12	14.057	240	161274	20.000	ng		0.00
86) Perylene-d12	15.545	264	186310	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	576444	114.384	ng		0.01
7) Phenol-d6	6.510	99	679158	114.227	ng		0.00
23) Nitrobenzene-d5	7.439	82	422392	73.581	ng		0.00
42) 2,4,6-Tribromophenol	10.716	330	200044	118.810	ng		0.00
45) 2-Fluorobiphenyl	9.239	172	913001	73.304	ng		0.00
79) Terphenyl-d14	12.998	244	819614	70.220	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.722	88	71512	35.478	ng		100
3) Pyridine	3.481	79	190043	37.608	ng		99
4) n-Nitrosodimethylamine	3.434	42	109363	41.851	ng		98
6) Aniline	6.539	93	236875	29.941	ng	#	88
8) 2-Chlorophenol	6.663	128	231442	42.574	ng		98
9) Benzaldehyde	6.428	77	136379	38.662	ng		99
10) Phenol	6.528	94	271397	41.064	ng		88
11) bis(2-Chloroethyl)ether	6.610	93	204284	43.247	ng		99
12) 1,3-Dichlorobenzene	6.816	146	254453	41.852	ng		99
13) 1,4-Dichlorobenzene	6.892	146	259276	42.268	ng		99
14) 1,2-Dichlorobenzene	7.045	146	248525	42.716	ng		99
15) Benzyl Alcohol	7.022	79	184691	42.968	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	313301	41.283	ng		96
17) 2-Methylphenol	7.134	107	175342	42.562	ng		98
18) Hexachloroethane	7.386	117	90464	42.164	ng		97
19) n-Nitroso-di-n-propyla...	7.292	70	148995	43.087	ng		97
20) 3+4-Methylphenols	7.286	107	215831	42.019	ng		95
22) Acetophenone	7.286	105	299487	43.132	ng		98
24) Nitrobenzene	7.463	77	220303	42.401	ng		97
25) Isophorone	7.698	82	400821	43.526	ng		100
26) 2-Nitrophenol	7.775	139	127170	44.931	ng		99
27) 2,4-Dimethylphenol	7.816	122	207492	42.323	ng		100
28) bis(2-Chloroethoxy)met...	7.910	93	253828	43.356	ng		99
29) 2,4-Dichlorophenol	8.022	162	193429	43.513	ng		99
30) 1,2,4-Trichlorobenzene	8.104	180	209755	42.911	ng		99
31) Naphthalene	8.186	128	660099	42.829	ng		100
32) Benzoic acid	7.933	122	119403	47.784	ng		96
33) 4-Chloroaniline	8.233	127	113762	18.153	ng		98
34) Hexachlorobutadiene	8.298	225	130012	43.483	ng		99
35) Caprolactam	8.604	113	55659m	47.449	ng		
36) 4-Chloro-3-methylphenol	8.716	107	189948	42.995	ng		99
37) 2-Methylnaphthalene	8.875	142	410789	42.991	ng		100
38) 1-Methylnaphthalene	8.975	142	427339	43.203	ng		100
40) 1,2,4,5-Tetrachloroben...	9.045	216	210803	43.664	ng		99
41) Hexachlorocyclopentadiene	9.028	237	253259	92.441	ng		100
43) 2,4,6-Trichlorophenol	9.157	196	133329	42.382	ng		100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062525\
Data File : BF142837.D
Acq On : 25 Jun 2025 14:55
Operator : RC/JU
Sample : PB168592BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168592BSD

Quant Time: Jun 25 15:24:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration

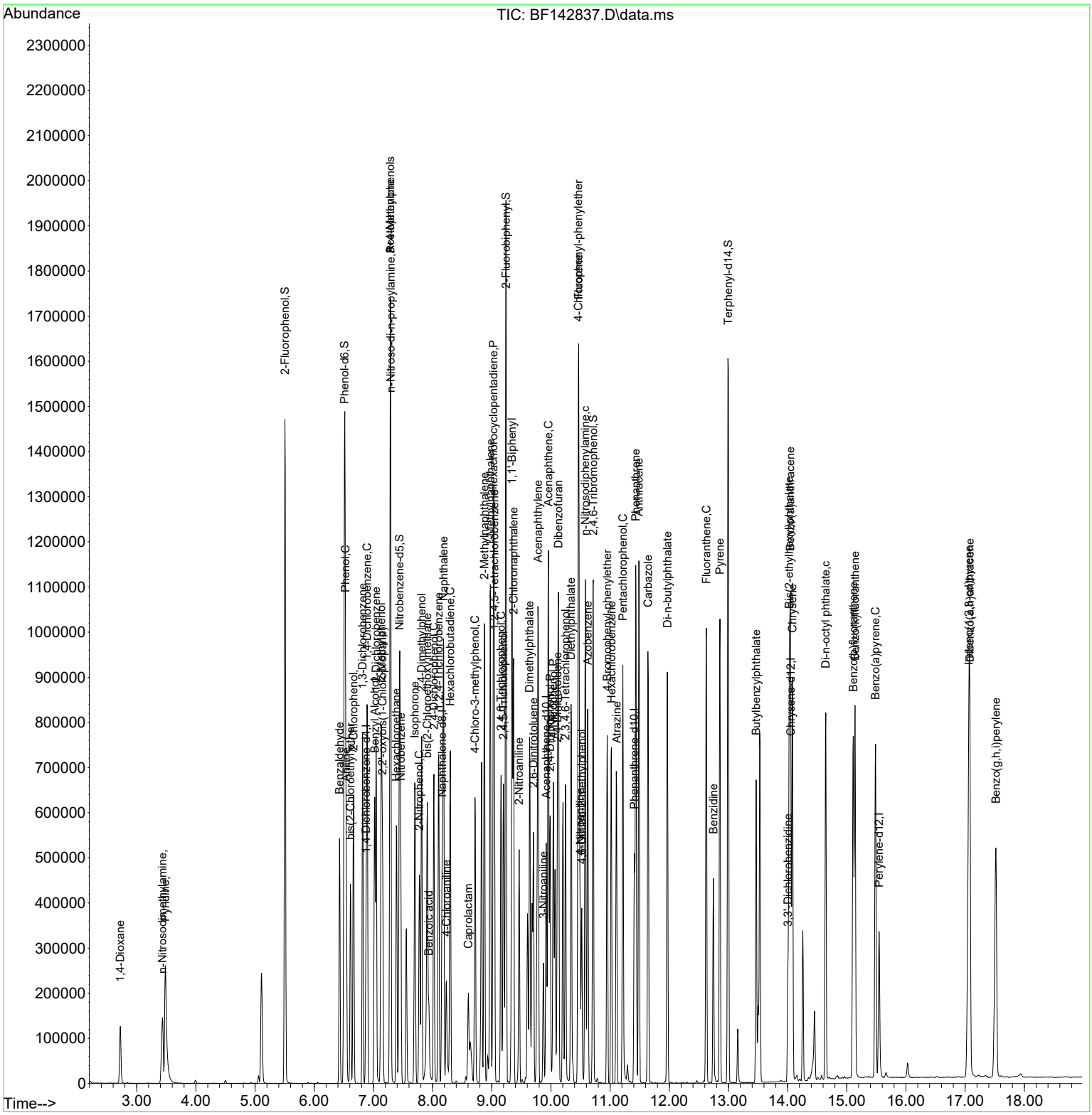
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	143578	43.356	ng	99
46) 1,1'-Biphenyl	9.339	154	560823	43.391	ng	100
47) 2-Chloronaphthalene	9.369	162	411944	42.472	ng	100
48) 2-Nitroaniline	9.463	65	117627	43.258	ng	96
49) Acenaphthylene	9.780	152	679599	42.563	ng	100
50) Dimethylphthalate	9.639	163	469688	44.348	ng	99
51) 2,6-Dinitrotoluene	9.704	165	103346	44.433	ng	99
52) Acenaphthene	9.957	154	458819	47.098	ng	100
53) 3-Nitroaniline	9.875	138	62001	24.211	ng	98
54) 2,4-Dinitrophenol	9.986	184	124838	107.193	ng	97
55) Dibenzofuran	10.127	168	593301	42.471	ng	100
56) 4-Nitrophenol	10.039	139	160652	91.637	ng	99
57) 2,4-Dinitrotoluene	10.110	165	139310	45.092	ng	98
58) Fluorene	10.469	166	464422	42.569	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	112475	42.135	ng	98
60) Diethylphthalate	10.339	149	467604	45.030	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	220965	42.444	ng	99
62) 4-Nitroaniline	10.492	138	102121	43.603	ng	97
63) Azobenzene	10.622	77	398817	42.971	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	76429	48.062	ng	97
66) n-Nitrosodiphenylamine	10.580	169	404954	44.444	ng	100
67) 4-Bromophenyl-phenylether	10.951	248	135948	45.436	ng	96
68) Hexachlorobenzene	11.022	284	147569	44.386	ng	98
69) Atrazine	11.110	200	120913	51.389	ng	99
70) Pentachlorophenol	11.216	266	156013	94.172	ng	98
71) Phenanthrene	11.433	178	630354	44.262	ng	99
72) Anthracene	11.486	178	645095	44.167	ng	99
73) Carbazole	11.639	167	565561	44.871	ng	100
74) Di-n-butylphthalate	11.969	149	664599	50.615	ng	100
75) Fluoranthene	12.627	202	619349	45.824	ng	99
77) Benzidine	12.745	184	246655	40.707	ng	100
78) Pyrene	12.857	202	609983	40.351	ng	100
80) Butylbenzylphthalate	13.468	149	225717	51.475	ng	98
81) Benzo(a)anthracene	14.045	228	487545	44.813	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	69101	19.582	ng	99
83) Chrysene	14.080	228	445178	45.856	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	324650	51.458	ng	100
85) Di-n-octyl phthalate	14.645	149	577036	48.505	ng	99
87) Indeno(1,2,3-cd)pyrene	17.062	276	597719	42.119	ng	99
88) Benzo(b)fluoranthene	15.109	252	490465	45.495	ng	99
89) Benzo(k)fluoranthene	15.139	252	472041	46.801	ng	99
90) Benzo(a)pyrene	15.486	252	476585	45.760	ng	99
91) Dibenzo(a,h)anthracene	17.080	278	488845	42.396	ng	99
92) Benzo(g,h,i)perylene	17.521	276	490223	42.636	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062525\
Data File : BF142837.D
Acq On : 25 Jun 2025 14:55
Operator : RC/JU
Sample : PB168592BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB168592BSD

Quant Time: Jun 25 15:24:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration



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

Manual Integration Report

Sequence:	BF061925	Instrument	BNA_f

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:	bf062425	Instrument	BNA_f

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:	BF062525	Instrument	BNA_f

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BF142834.D	2,4-Dimethylphenol	Rahul	6/26/2025 9:13:56 AM	Jagrut	6/26/2025 10:47:47 AM	Peak Integrated by Software
PB168592BS	BF142836.D	Caprolactam	Rahul	6/26/2025 9:14:00 AM	Jagrut	6/26/2025 10:47:49 AM	Peak Integrated by Software
PB168592BSD	BF142837.D	Caprolactam	Rahul	6/26/2025 9:14:03 AM	Jagrut	6/26/2025 10:47:51 AM	Peak Integrated by Software

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Fax : 908 789 8922

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF061925

Review By	Rahul	Review On	6/23/2025 3:55:52 PM		
Supervise By	Jagrut	Supervise On	6/24/2025 3:17:49 PM		
SubDirectory	BF061925	HP Acquire Method	BNA_F	HP Processing Method	bf061925

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12670,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF142787.D	19 Jun 2025 16:37	RC/JU	Ok
2	SSTDICC2.5	BF142788.D	19 Jun 2025 17:07	RC/JU	Ok
3	SSTDICC005	BF142789.D	19 Jun 2025 17:38	RC/JU	Ok
4	SSTDICC010	BF142790.D	19 Jun 2025 18:08	RC/JU	Ok
5	SSTDICC020	BF142791.D	19 Jun 2025 18:39	RC/JU	Ok
6	SSTDICC040	BF142792.D	19 Jun 2025 19:09	RC/JU	Ok
7	SSTDICC050	BF142793.D	19 Jun 2025 19:40	RC/JU	Ok
8	SSTDICC060	BF142794.D	19 Jun 2025 20:10	RC/JU	Ok
9	SSTDICC080	BF142795.D	19 Jun 2025 20:40	RC/JU	Ok
10	SSTDICV040	BF142796.D	19 Jun 2025 21:10	RC/JU	Ok
11	PB168536BL	BF142797.D	19 Jun 2025 22:10	RC/JU	Ok
12	PB168536BS	BF142798.D	19 Jun 2025 22:40	RC/JU	Ok,M

M : Manual Integration

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Fax : 908 789 8922

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF062425

Review By	Rahul	Review On	6/25/2025 10:47:43 AM				
Supervise By	Jagrut	Supervise On	6/25/2025 11:19:22 AM				
SubDirectory	BF062425	HP Acquire Method	BNA_F		HP Processing Method	bf061925	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12671,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF142810.D	24 Jun 2025 09:46	RC/JU	Ok
2	SSTDCCC040	BF142811.D	24 Jun 2025 10:16	RC/JU	Ok
3	PB168582BL	BF142812.D	24 Jun 2025 10:46	RC/JU	Ok
4	PB168582BS	BF142813.D	24 Jun 2025 11:17	RC/JU	Ok,M
5	Q2388-01	BF142814.D	24 Jun 2025 11:51	RC/JU	Ok
6	Q2380-01	BF142815.D	24 Jun 2025 12:22	RC/JU	Ok,M
7	Q2380-03	BF142816.D	24 Jun 2025 12:53	RC/JU	Ok,M
8	Q2381-01	BF142817.D	24 Jun 2025 13:24	RC/JU	Ok,M
9	Q2381-05	BF142818.D	24 Jun 2025 13:54	RC/JU	Ok,M
10	Q2385-01	BF142819.D	24 Jun 2025 14:57	RC/JU	Ok
11	Q2372-01	BF142820.D	24 Jun 2025 15:28	RC/JU	Ok
12	Q2386-01	BF142821.D	24 Jun 2025 15:59	RC/JU	Dilution
13	Q2392-01	BF142822.D	24 Jun 2025 16:30	RC/JU	Ok
14	Q2393-11	BF142823.D	24 Jun 2025 17:01	RC/JU	Ok
15	Q2393-05	BF142824.D	24 Jun 2025 17:33	RC/JU	Ok,M
16	Q2393-07	BF142825.D	24 Jun 2025 18:03	RC/JU	Ok,M
17	Q2393-09	BF142826.D	24 Jun 2025 18:34	RC/JU	Ok,M
18	Q2398-06	BF142827.D	24 Jun 2025 19:05	RC/JU	Ok,M
19	Q2398-03	BF142828.D	24 Jun 2025 19:36	RC/JU	Ok,M
20	Q2381-03	BF142829.D	24 Jun 2025 20:07	RC/JU	Ok,M
21	Q2380-05	BF142830.D	24 Jun 2025 20:38	RC/JU	Ok,M

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Fax : 908 789 8922

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF062425

Review By	Rahul	Review On	6/25/2025 10:47:43 AM				
Supervise By	Jagrut	Supervise On	6/25/2025 11:19:22 AM				
SubDirectory	BF062425	HP Acquire Method	BNA_F		HP Processing Method	bf061925	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12671,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2384-01	BF142831.D	24 Jun 2025 21:08	RC/JU	Ok,M
23	Q2383-01	BF142832.D	24 Jun 2025 21:38	RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF062525

Review By	Rahul	Review On	6/26/2025 9:14:40 AM				
Supervise By	Jagrut	Supervise On	6/26/2025 10:48:09 AM				
SubDirectory	BF062525	HP Acquire Method	BNA_F		HP Processing Method	bf061925	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12671,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BF142833.D	25 Jun 2025 12:17	RC/JU	Ok
2	SSTDCCC040	BF142834.D	25 Jun 2025 13:25	RC/JU	Ok,M
3	PB168592BL	BF142835.D	25 Jun 2025 13:55	RC/JU	Ok
4	PB168592BS	BF142836.D	25 Jun 2025 14:25	RC/JU	Ok,M
5	PB168592BSD	BF142837.D	25 Jun 2025 14:55	RC/JU	Ok,M
6	PB168601BL	BF142838.D	25 Jun 2025 15:26	RC/JU	Ok
7	PB168601BS	BF142839.D	25 Jun 2025 15:57	RC/JU	Ok
8	Q2393-01	BF142840.D	25 Jun 2025 16:32	RC/JU	Ok
9	Q2393-03	BF142841.D	25 Jun 2025 17:02	RC/JU	Ok
10	Q2394-01	BF142842.D	25 Jun 2025 17:33	RC/JU	Ok
11	Q2394-01MS	BF142843.D	25 Jun 2025 18:04	RC/JU	Ok
12	Q2394-01MSD	BF142844.D	25 Jun 2025 18:35	RC/JU	Ok
13	Q2386-02	BF142845.D	25 Jun 2025 19:06	RC/JU	Ok
14	Q2386-02MS	BF142846.D	25 Jun 2025 19:37	RC/JU	Ok
15	Q2386-02MSD	BF142847.D	25 Jun 2025 20:07	RC/JU	Ok
16	Q2388-04	BF142848.D	25 Jun 2025 20:38	RC/JU	Ok
17	Q2389-04	BF142849.D	25 Jun 2025 21:09	RC/JU	Ok
18	Q2399-01	BF142850.D	25 Jun 2025 21:40	RC/JU	Ok
19	Q2399-05	BF142851.D	25 Jun 2025 22:10	RC/JU	Ok
20	Q2386-01DL	BF142852.D	25 Jun 2025 22:41	RC/JU	Dilution
21	Q2386-01DL2	BF142853.D	25 Jun 2025 23:11	RC/JU	Ok,M

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF062525

Review By	Rahul	Review On	6/26/2025 9:14:40 AM				
Supervise By	Jagrut	Supervise On	6/26/2025 10:48:09 AM				
SubDirectory	BF062525	HP Acquire Method	BNA_F		HP Processing Method	bf061925	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12671,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2412-01	BF142854.D	25 Jun 2025 23:41	RC/JU	Ok,M
23	Q2403-03	BF142855.D	26 Jun 2025 00:12	RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF061925

Review By	Rahul	Review On	6/23/2025 3:55:52 PM		
Supervise By	Jagrut	Supervise On	6/24/2025 3:17:49 PM		
SubDirectory	BF061925	HP Acquire Method	BNA_F	HP Processing Method	bf061925

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12670,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF142787.D	19 Jun 2025 16:37		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BF142788.D	19 Jun 2025 17:07		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BF142789.D	19 Jun 2025 17:38		RC/JU	Ok
4	SSTDICC010	SSTDICC010	BF142790.D	19 Jun 2025 18:08		RC/JU	Ok
5	SSTDICC020	SSTDICC020	BF142791.D	19 Jun 2025 18:39		RC/JU	Ok
6	SSTDICC040	SSTDICC040	BF142792.D	19 Jun 2025 19:09	Calibration is Good for 8270 E, 8270 DOD and 625.1 methods.	RC/JU	Ok
7	SSTDICC050	SSTDICC050	BF142793.D	19 Jun 2025 19:40		RC/JU	Ok
8	SSTDICC060	SSTDICC060	BF142794.D	19 Jun 2025 20:10		RC/JU	Ok
9	SSTDICC080	SSTDICC080	BF142795.D	19 Jun 2025 20:40	Compound #09 removed from 80 PPM.	RC/JU	Ok
10	SSTDICV040	ICVBF061925	BF142796.D	19 Jun 2025 21:10		RC/JU	Ok
11	PB168536BL	PB168536BL	BF142797.D	19 Jun 2025 22:10		RC/JU	Ok
12	PB168536BS	PB168536BS	BF142798.D	19 Jun 2025 22:40		RC/JU	Ok,M

M : Manual Integration

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Fax : 908 789 8922

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF062425

Review By	Rahul	Review On	6/25/2025 10:47:43 AM		
Supervise By	Jagrut	Supervise On	6/25/2025 11:19:22 AM		
SubDirectory	BF062425	HP Acquire Method	BNA_F	HP Processing Method	bf061925

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12671,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF142810.D	24 Jun 2025 09:46		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF142811.D	24 Jun 2025 10:16		RC/JU	Ok
3	PB168582BL	PB168582BL	BF142812.D	24 Jun 2025 10:46		RC/JU	Ok
4	PB168582BS	PB168582BS	BF142813.D	24 Jun 2025 11:17		RC/JU	Ok,M
5	Q2388-01	TP-12	BF142814.D	24 Jun 2025 11:51		RC/JU	Ok
6	Q2380-01	72-11948	BF142815.D	24 Jun 2025 12:22	Internal Standard Fail	RC/JU	Ok,M
7	Q2380-03	VNJ-211	BF142816.D	24 Jun 2025 12:53		RC/JU	Ok,M
8	Q2381-01	291431	BF142817.D	24 Jun 2025 13:24		RC/JU	Ok,M
9	Q2381-05	72-11929	BF142818.D	24 Jun 2025 13:54	Internal Standard Fail	RC/JU	Ok,M
10	Q2385-01	A5311	BF142819.D	24 Jun 2025 14:57		RC/JU	Ok
11	Q2372-01	GAV1W	BF142820.D	24 Jun 2025 15:28		RC/JU	Ok
12	Q2386-01	SU-1-062025	BF142821.D	24 Jun 2025 15:59	Internal Standard Fail, Run 10X Dilution and then decide further dilution	RC/JU	Dilution
13	Q2392-01	S-1	BF142822.D	24 Jun 2025 16:30		RC/JU	Ok
14	Q2393-11	PARK AVE -6	BF142823.D	24 Jun 2025 17:01		RC/JU	Ok
15	Q2393-05	PARK AVE -3	BF142824.D	24 Jun 2025 17:33		RC/JU	Ok,M
16	Q2393-07	PARK AVE -4	BF142825.D	24 Jun 2025 18:03		RC/JU	Ok,M
17	Q2393-09	PARK AVE -5	BF142826.D	24 Jun 2025 18:34		RC/JU	Ok,M

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Fax : 908 789 8922

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF062425

Review By	Rahul	Review On	6/25/2025 10:47:43 AM		
Supervise By	Jagrut	Supervise On	6/25/2025 11:19:22 AM		
SubDirectory	BF062425	HP Acquire Method	BNA_F	HP Processing Method	bf061925

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12671,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	Q2398-06	ARS20-0036	BF142827.D	24 Jun 2025 19:05	Internal Standard Fail	RC/JU	Ok,M
19	Q2398-03	M00-25-0179	BF142828.D	24 Jun 2025 19:36	Internal Standard Fail	RC/JU	Ok,M
20	Q2381-03	VNJ-207	BF142829.D	24 Jun 2025 20:07		RC/JU	Ok,M
21	Q2380-05	RBR-200059	BF142830.D	24 Jun 2025 20:38		RC/JU	Ok,M
22	Q2384-01	OK-01-6202025	BF142831.D	24 Jun 2025 21:08		RC/JU	Ok,M
23	Q2383-01	RT-5376	BF142832.D	24 Jun 2025 21:38	Internal Standard Fail	RC/JU	Ok

M : Manual Integration

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Fax : 908 789 8922

Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF062525

Review By	Rahul	Review On	6/26/2025 9:14:40 AM		
Supervise By	Jagrut	Supervise On	6/26/2025 10:48:09 AM		
SubDirectory	BF062525	HP Acquire Method	BNA_F	HP Processing Method	bf061925

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12671,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BF142833.D	25 Jun 2025 12:17		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BF142834.D	25 Jun 2025 13:25		RC/JU	Ok,M
3	PB168592BL	PB168592BL	BF142835.D	25 Jun 2025 13:55		RC/JU	Ok
4	PB168592BS	PB168592BS	BF142836.D	25 Jun 2025 14:25		RC/JU	Ok,M
5	PB168592BSD	PB168592BSD	BF142837.D	25 Jun 2025 14:55		RC/JU	Ok,M
6	PB168601BL	PB168601BL	BF142838.D	25 Jun 2025 15:26		RC/JU	Ok
7	PB168601BS	PB168601BS	BF142839.D	25 Jun 2025 15:57		RC/JU	Ok
8	Q2393-01	PARK AVE -1	BF142840.D	25 Jun 2025 16:32		RC/JU	Ok
9	Q2393-03	PARK AVE -2	BF142841.D	25 Jun 2025 17:02		RC/JU	Ok
10	Q2394-01	MH-K/L	BF142842.D	25 Jun 2025 17:33		RC/JU	Ok
11	Q2394-01MS	MH-K/LMS	BF142843.D	25 Jun 2025 18:04		RC/JU	Ok
12	Q2394-01MSD	MH-K/LMSD	BF142844.D	25 Jun 2025 18:35		RC/JU	Ok
13	Q2386-02	SU-1-062025	BF142845.D	25 Jun 2025 19:06		RC/JU	Ok
14	Q2386-02MS	SU-1-062025MS	BF142846.D	25 Jun 2025 19:37		RC/JU	Ok
15	Q2386-02MSD	SU-1-062025MSD	BF142847.D	25 Jun 2025 20:07		RC/JU	Ok
16	Q2388-04	TP-12	BF142848.D	25 Jun 2025 20:38		RC/JU	Ok
17	Q2389-04	MH-J-I	BF142849.D	25 Jun 2025 21:09		RC/JU	Ok
18	Q2399-01	TP-13	BF142850.D	25 Jun 2025 21:40		RC/JU	Ok

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Instrument ID: BNA_F

Daily Analysis Runlog For Sequence/QCBatch ID # BF062525

Review By	Rahul	Review On	6/26/2025 9:14:40 AM		
Supervise By	Jagrut	Supervise On	6/26/2025 10:48:09 AM		
SubDirectory	BF062525	HP Acquire Method	BNA_F	HP Processing Method	bf061925

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S12671,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	Q2399-05	EP-7	BF142851.D	25 Jun 2025 22:10		RC/JU	Ok
20	Q2386-01DL	SU-1-062025DL	BF142852.D	25 Jun 2025 22:41	Need Further 5X Dilution	RC/JU	Dilution
21	Q2386-01DL2	SU-1-062025DL2	BF142853.D	25 Jun 2025 23:11		RC/JU	Ok,M
22	Q2412-01	TR-05-062425	BF142854.D	25 Jun 2025 23:41		RC/JU	Ok,M
23	Q2403-03	LAW-25-0093	BF142855.D	26 Jun 2025 00:12	Surrogate Failed.	RC/JU	Ok

M : Manual Integration

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB168592

SOP ID: M3510C,3580A-Extraction SVOC-21

Clean Up SOP #: N/A

Matrix : Water

Weigh By: N/A

Balance check: N/A

Balance ID: N/A

pH Strip Lot#: E3880

Extraction By: RS

Filter By: RJ

pH Meter ID: N/A

Hood ID: 4,6,7

Extraction Start Date : 06/24/2025

Extraction Start Time : 08:39

Extraction End Date : 06/24/2025

Extraction End Time : 13:35

Concentration By: EH

Supervisor By : RUPESH

Extraction Method: [√] Seperatory Funnel [ ] Continious Liquid/Liquid [ ] Sonication [ ] Waste Dilution [ ] Soxhlet

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

Chemical Used	ML/SAMPLE USED	Lot Number
Methylene Chloride	N/A	E3943
Baked Na2SO4	N/A	EP2622
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

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

KD Bath Temperature: 60 °C

Envap ID: NE VAP-02

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
6/24/25	RS (Ext lab)	RC/SVOC
13:40	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB168592

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

Concentration Date: 06/24/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB168592BL	SBLK592	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1			SEP-1
PB168592BS	SLCS592	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1			2
PB168592BSD	SLCSD592	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1			3
Q2372-01	GAV1W	SVOCMS Group2	980	6	RUPESH	ritesh	1	D		4
Q2385-01	A5311	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1	N		5

RS 6/24

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

168592
8:39

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2372 **WorkList ID :** 190349 **Department :** Extraction **Date :** 06-24-2025 08:35:49

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2372-01	GAV1W	Water	SVOCMS Group2	Cool 4 deg C	GENV01	D51	06/19/2025	8270E
Q2385-01	A5311	Water	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D51	06/20/2025	8270E

Date/Time 6/24/25 8:35
Raw Sample Received by: RS (Ext-Lab)
Raw Sample Relinquished by: SM

Date/Time 6/24/25 9:10
Raw Sample Received by: SM
Raw Sample Relinquished by: RS (Ext-Lab)

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LAB CHRONICLE

OrderID:	Q2372	**OrderDate:**	6/19/2025 2:53:00 PM
Client:	G Environmental	**Project:**	Ave B
Contact:	Gary Landis	**Location:**	D51,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2372-01	**GAV1W**	**Water**			**06/19/25**			**06/19/25**
			SVOCMS Group2	8270E		06/24/25	06/24/25	