284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Hit Summary Sheet
SW-846

SDG No.: Q3273

Client: G Environmental

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
Client ID : MW1									
Q3273-01	MW1	WATER	Pyrene		4.700	J	0.5	5	ug/L
			Total Svoc :				**4.70**		
Q3273-01	MW1	WATER	1H-Indene, 2,3-dihydro-4,7-dimet	*	10.600	J	0	0	ug/L
Q3273-01	MW1	WATER	5-Eicosene, (E)-	*	7.300	J	0	0	ug/L
Q3273-01	MW1	WATER	Decalin, syn-1-methyl-, cis-	*	9.300	J	0	0	ug/L
Q3273-01	MW1	WATER	Heptadecane, 2,6,10,15-tetrameth	*	21.300	J	0	0	ug/L
Q3273-01	MW1	WATER	Hexadecane, 2,6,10,14-tetramethy	*	20.000	J	0	0	ug/L
Q3273-01	MW1	WATER	Naphthalene, 1,2,3,4-tetrahydro-1	*	15.200	J	0	0	ug/L
Q3273-01	MW1	WATER	Naphthalene, 1,2,3,4-tetrahydro-5	*	14.100	J	0	0	ug/L
Q3273-01	MW1	WATER	Naphthalene, 2,3,6-trimethyl-	*	11.100	J	0	0	ug/L
Q3273-01	MW1	WATER	Octadecane, 2,6-dimethyl-	*	23.300	J	0	0	ug/L
			Total Tics :				**132.20**		
			Total Concentration:				**136.90**		

SAMPLE DATA

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Report of Analysis

Client:	G Environmental	Date Collected:	10/01/25
Project:	Monroe, NJ	Date Received:	10/02/25
Client Sample ID:	MW1	SDG No.:	Q3273
Lab Sample ID:	Q3273-01	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BG064493.D	1	10/03/25 08:35	10/03/25 18:59	PB169973

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	3.90	U	3.90	10.0	ug/L
108-95-2	Phenol	0.91	U	0.91	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.81	U	0.81	5.00	ug/L
95-57-8	2-Chlorophenol	0.58	U	0.58	5.00	ug/L
95-48-7	2-Methylphenol	1.10	U	1.10	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
65794-96-9	3+4-Methylphenols	1.10	U	1.10	10.0	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
88-75-5	2-Nitrophenol	1.80	U	1.80	5.00	ug/L
105-67-9	2,4-Dimethylphenol	1.90	U	1.90	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	0.68	U	0.68	5.00	ug/L
120-83-2	2,4-Dichlorophenol	0.52	U	0.52	5.00	ug/L
91-20-3	Naphthalene	0.50	U	0.50	5.00	ug/L
106-47-8	4-Chloroaniline	0.84	UQ	0.84	5.00	ug/L
87-68-3	Hexachlorobutadiene	0.54	U	0.54	5.00	ug/L
105-60-2	Caprolactam	1.10	U	1.10	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	0.59	U	0.59	5.00	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
88-06-2	2,4,6-Trichlorophenol	0.51	U	0.51	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	0.62	U	0.62	5.00	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

Raw Data: **BG064493.D**

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Report of Analysis

Client:	G Environmental	Date Collected:	10/01/25
Project:	Monroe, NJ	Date Received:	10/02/25
Client Sample ID:	MW1	SDG No.:	Q3273
Lab Sample ID:	Q3273-01	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BG064493.D	1	10/03/25 08:35	10/03/25 18:59	PB169973

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	0.75	U	0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	0.92	U	0.92	5.00	ug/L
99-09-2	3-Nitroaniline	1.10	UQ	1.10	5.00	ug/L
83-32-9	Acenaphthene	0.55	U	0.55	5.00	ug/L
51-28-5	2,4-Dinitrophenol	6.00	U	6.00	10.0	ug/L
100-02-7	4-Nitrophenol	2.40	U	2.40	10.0	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
534-52-1	4,6-Dinitro-2-methylphenol	2.90	U	2.90	10.0	ug/L
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
87-86-5	Pentachlorophenol	1.60	U	1.60	10.0	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	4.70	J	0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	1.90	U	1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	0.93	UQ	0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	0.45	U	0.45	5.00	ug/L
218-01-9	Chrysene	0.44	U	0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.60	U	1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	2.30	U	2.30	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	0.49	U	0.49	5.00	ug/L

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Report of Analysis

Client:	G Environmental	Date Collected:	10/01/25
Project:	Monroe, NJ	Date Received:	10/02/25
Client Sample ID:	MW1	SDG No.:	Q3273
Lab Sample ID:	Q3273-01	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BG064493.D	1	10/03/25 08:35	10/03/25 18:59	PB169973

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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
58-90-2	2,3,4,6-Tetrachlorophenol	0.72	U	0.72	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	68.2		15 (23) - 110 (138)	45%	SPK: 150
13127-88-3	Phenol-d6	40.6		15 (10) - 110 (134)	27%	SPK: 150
4165-60-0	Nitrobenzene-d5	90.5		30 (67) - 130 (132)	91%	SPK: 100
321-60-8	2-Fluorobiphenyl	91.7		30 (52) - 130 (132)	92%	SPK: 100
118-79-6	2,4,6-Tribromophenol	134		15 (44) - 110 (137)	89%	SPK: 150
1718-51-0	Terphenyl-d14	86.3		30 (42) - 130 (152)	86%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	20100	7.82			
1146-65-2	Naphthalene-d8	82400	10.611			
15067-26-2	Acenaphthene-d10	60800	14.459			
1517-22-2	Phenanthrene-d10	130000	17.197			
1719-03-5	Chrysene-d12	137000	21.416			
1520-96-3	Perylene-d12	150000	24.389			
TENTATIVE IDENTIFIED COMPOUNDS						
1000158-89-1	Decalin, syn-1-methyl-, cis-	9.30	J		9.81	ug/L
006682-71-9	1H-Indene, 2,3-dihydro-4,7-dimethy	10.6	J		11.5	ug/L
004175-54-6	Naphthalene, 1,2,3,4-tetrahydro-1,	15.2	J		12.5	ug/L
020027-77-4	Naphthalene, 1,2,3,4-tetrahydro-5,	14.1	J		13.4	ug/L
054833-48-6	Heptadecane, 2,6,10,15-tetramethyl	21.3	J		14.0	ug/L
000829-26-5	Naphthalene, 2,3,6-trimethyl-	11.1	J		15.1	ug/L
075163-97-2	Octadecane, 2,6-dimethyl-	23.3	J		16.2	ug/L

Raw Data: **BG064493.D**

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Report of Analysis

Client:	G Environmental	Date Collected:	10/01/25
Project:	Monroe, NJ	Date Received:	10/02/25
Client Sample ID:	MW1	SDG No.:	Q3273
Lab Sample ID:	Q3273-01	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BG064493.D	1	10/03/25 08:35	10/03/25 18:59	PB169973

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
000638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	20.0	J		17.0	ug/L
074685-30-6	5-Eicosene, (E)-	7.30	J		21.1	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.: Q3273

Client: G Environmental

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB169973BL	PB169973BL	2-Fluorophenol	150	162	108		15 (23)	110 (138)
		Phenol-d6	150	150	100		15 (10)	110 (134)
		Nitrobenzene-d5	100	94.0	94		30 (67)	130 (132)
		2-Fluorobiphenyl	100	90.7	91		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	138	92		15 (44)	110 (137)
		Terphenyl-d14	100	98.8	99		30 (42)	130 (152)
PB169973BS	PB169973BS	2-Fluorophenol	150	157	105		15 (23)	110 (138)
		Phenol-d6	150	153	102		15 (10)	110 (134)
		Nitrobenzene-d5	100	94.3	94		30 (67)	130 (132)
		2-Fluorobiphenyl	100	91.8	92		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	149	99		15 (44)	110 (137)
		Terphenyl-d14	100	97.3	97		30 (42)	130 (152)
PB169973BSD	PB169973BSD	2-Fluorophenol	150	163	108		15 (23)	110 (138)
		Phenol-d6	150	155	103		15 (10)	110 (134)
		Nitrobenzene-d5	100	91.5	91		30 (67)	130 (132)
		2-Fluorobiphenyl	100	90.3	90		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	144	96		15 (44)	110 (137)
		Terphenyl-d14	100	96.5	97		30 (42)	130 (152)
Q3273-01	MW1	2-Fluorophenol	150	68.2	45		15 (23)	110 (138)
		Phenol-d6	150	40.6	27		15 (10)	110 (134)
		Nitrobenzene-d5	100	90.5	91		30 (67)	130 (132)
		2-Fluorobiphenyl	100	91.7	92		30 (52)	130 (132)
		2,4,6-Tribromophenol	150	134	89		15 (44)	110 (137)
		Terphenyl-d14	100	86.3	86		30 (42)	130 (152)

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3273 **Analytical Method:** 8270E

Client: G Environmental **DataFile:** BG064489.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB169973BS	Benzaldehyde	50	26.5	ug/L	53				20 (10)	160 (162)	
	Phenol	50	53.3	ug/L	107				20 (66)	160 (118)	
	bis(2-Chloroethyl)ether	50	49.4	ug/L	99				70 (62)	130 (103)	
	2-Chlorophenol	50	51.6	ug/L	103				70 (70)	130 (117)	
	2-Methylphenol	50	52.4	ug/L	105				70 (69)	130 (109)	
	2,2-oxybis(1-Chloropropane)	50	49.5	ug/L	99				70 (65)	130 (100)	
	Acetophenone	50	57.0	ug/L	114				70 (60)	130 (104)	
	3+4-Methylphenols	50	53.3	ug/L	107				20 (67)	160 (106)	
	N-Nitroso-di-n-propylamine	50	51.0	ug/L	102				70 (57)	130 (107)	
	Hexachloroethane	50	49.2	ug/L	98				20 (76)	160 (118)	
	Nitrobenzene	50	50.7	ug/L	101				70 (58)	130 (106)	
	Isophorone	50	48.4	ug/L	97				70 (61)	130 (102)	
	2-Nitrophenol	50	49.1	ug/L	98				70 (70)	130 (115)	
	2,4-Dimethylphenol	50	58.0	ug/L	116				70 (42)	130 (142)	
	bis(2-Chloroethoxy)methane	50	50.5	ug/L	101				70 (58)	130 (109)	
	2,4-Dichlorophenol	50	55.8	ug/L	112				70 (66)	130 (115)	
	Naphthalene	50	50.7	ug/L	101				70 (64)	130 (107)	
	4-Chloroaniline	50	18.8	ug/L	38		*		70 (10)	130 (85)	
	Hexachlorobutadiene	50	49.1	ug/L	98				70 (69)	130 (101)	
	Caprolactam	50	52.0	ug/L	104				20 (58)	160 (128)	
	4-Chloro-3-methylphenol	50	53.9	ug/L	108				70 (65)	130 (114)	
	2-Methylnaphthalene	50	46.2	ug/L	92				70 (64)	130 (107)	
	Hexachlorocyclopentadiene	100	150	ug/L	150				20 (36)	160 (160)	
	2,4,6-Trichlorophenol	50	53.5	ug/L	107				70 (61)	130 (110)	
	2,4,5-Trichlorophenol	50	54.4	ug/L	109				70 (70)	130 (106)	
	1,1-Biphenyl	50	56.4	ug/L	113				70 (72)	130 (98)	
	2-Chloronaphthalene	50	50.1	ug/L	100				70 (59)	130 (106)	
	2-Nitroaniline	50	53.0	ug/L	106				70 (73)	130 (114)	
	Dimethylphthalate	50	52.1	ug/L	104				70 (64)	130 (103)	
	Acenaphthylene	50	57.9	ug/L	116				70 (79)	130 (103)	
	2,6-Dinitrotoluene	50	53.0	ug/L	106				70 (64)	130 (110)	
	3-Nitroaniline	50	30.0	ug/L	60		*		70 (28)	130 (100)	
	Acenaphthene	50	49.8	ug/L	100				70 (59)	130 (113)	
	2,4-Dinitrophenol	100	95.5	ug/L	96				20 (36)	160 (166)	
	4-Nitrophenol	100	110	ug/L	110				20 (45)	160 (147)	
	Dibenzofuran	50	51.4	ug/L	103				70 (65)	130 (106)	
	2,4-Dinitrotoluene	50	52.2	ug/L	104				70 (60)	130 (115)	
	Diethylphthalate	50	51.8	ug/L	104				70 (63)	130 (105)	
	4-Chlorophenyl-phenylether	50	50.4	ug/L	101				70 (61)	130 (104)	
	Fluorene	50	52.1	ug/L	104				70 (64)	130 (107)	
	4-Nitroaniline	50	53.5	ug/L	107				70 (55)	130 (125)	
	4,6-Dinitro-2-methylphenol	50	51.5	ug/L	103				70 (62)	130 (132)	
	N-Nitrosodiphenylamine	50	52.3	ug/L	105				70 (61)	130 (109)	
	4-Bromophenyl-phenylether	50	51.0	ug/L	102				70 (73)	130 (103)	

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3273 **Analytical Method:** 8270E

Client: G Environmental **DataFile:** BG064489.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB169973BS	Hexachlorobenzene	50	50.8	ug/L	102				70 (73)	130 (106)	
	Atrazine	50	55.0	ug/L	110				70 (76)	130 (120)	
	Pentachlorophenol	100	110	ug/L	110				20 (47)	160 (114)	
	Phenanthrene	50	51.6	ug/L	103				70 (62)	130 (109)	
	Anthracene	50	53.0	ug/L	106				70 (65)	130 (110)	
	Carbazole	50	53.2	ug/L	106				70 (62)	130 (106)	
	Di-n-butylphthalate	50	52.6	ug/L	105				70 (64)	130 (106)	
	Fluoranthene	50	52.1	ug/L	104				70 (64)	130 (110)	
	Pyrene	50	51.7	ug/L	103				70 (71)	130 (103)	
	Butylbenzylphthalate	50	52.8	ug/L	106				70 (61)	130 (105)	
	3,3-Dichlorobenzidine	50	30.6	ug/L	61		*		70 (43)	130 (108)	
	Benzo(a)anthracene	50	51.5	ug/L	103				70 (62)	130 (107)	
	Chrysene	50	51.3	ug/L	103				70 (61)	130 (108)	
	bis(2-Ethylhexyl)phthalate	50	52.7	ug/L	105				70 (59)	130 (110)	
	Di-n-octyl phthalate	50	52.0	ug/L	104				70 (52)	130 (139)	
	Benzo(b)fluoranthene	50	54.2	ug/L	108				70 (77)	130 (113)	
	Benzo(k)fluoranthene	50	51.8	ug/L	104				70 (77)	130 (105)	
	Benzo(a)pyrene	50	54.9	ug/L	110				70 (72)	130 (131)	
	Indeno(1,2,3-cd)pyrene	50	53.9	ug/L	108				70 (72)	130 (105)	
	Dibenz(a,h)anthracene	50	55.2	ug/L	110				70 (78)	130 (115)	
	Benzo(g,h,i)perylene	50	54.7	ug/L	109				70 (75)	130 (118)	
	1,2,4,5-Tetrachlorobenzene	50	54.2	ug/L	108				70 (72)	130 (101)	
	1,4-Dioxane	50	37.9	ug/L	76				20 (38)	160 (125)	
	2,3,4,6-Tetrachlorophenol	50	54.7	ug/L	109				70 (63)	130 (116)	

( ) = LABORATORY INHOUSE LIMIT

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3273 **Analytical Method:** 8270E

Client: G Environmental **DataFile:** BG064490.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB169973BSD	Benzaldehyde	50	26.1	ug/L	52	2			20 (10)	160 (162)	20 (20)
	Phenol	50	55.3	ug/L	111	4			20 (66)	160 (118)	20 (20)
	bis(2-Chloroethyl)ether	50	49.7	ug/L	99	1			70 (62)	130 (103)	20 (20)
	2-Chlorophenol	50	55.2	ug/L	110	7			70 (70)	130 (117)	20 (20)
	2-Methylphenol	50	55.0	ug/L	110	5			70 (69)	130 (109)	20 (20)
	2,2-oxybis(1-Chloropropane)	50	48.3	ug/L	97	2			70 (65)	130 (100)	20 (20)
	Acetophenone	50	54.9	ug/L	110	4			70 (60)	130 (104)	20 (20)
	3+4-Methylphenols	50	55.3	ug/L	111	4			20 (67)	160 (106)	20 (20)
	N-Nitroso-di-n-propylamine	50	52.4	ug/L	105	3			70 (57)	130 (107)	20 (20)
	Hexachloroethane	50	49.3	ug/L	99	0			20 (76)	160 (118)	20 (20)
	Nitrobenzene	50	47.6	ug/L	95	6			70 (58)	130 (106)	20 (20)
	Isophorone	50	47.7	ug/L	95	1			70 (61)	130 (102)	20 (20)
	2-Nitrophenol	50	48.4	ug/L	97	1			70 (70)	130 (115)	20 (20)
	2,4-Dimethylphenol	50	57.0	ug/L	114	2			70 (42)	130 (142)	20 (20)
	bis(2-Chloroethoxy)methane	50	49.3	ug/L	99	2			70 (58)	130 (109)	20 (20)
	2,4-Dichlorophenol	50	52.6	ug/L	105	6			70 (66)	130 (115)	20 (20)
	Naphthalene	50	48.5	ug/L	97	4			70 (64)	130 (107)	20 (20)
	4-Chloroaniline	50	15.2	ug/L	30	21	*	*	70 (10)	130 (85)	20 (20)
	Hexachlorobutadiene	50	47.0	ug/L	94	4			70 (69)	130 (101)	20 (20)
	Caprolactam	50	50.1	ug/L	100	4			20 (58)	160 (128)	20 (20)
	4-Chloro-3-methylphenol	50	51.6	ug/L	103	4			70 (65)	130 (114)	20 (20)
	2-Methylnaphthalene	50	44.5	ug/L	89	4			70 (64)	130 (107)	20 (20)
	Hexachlorocyclopentadiene	100	140	ug/L	140	7			20 (36)	160 (160)	20 (20)
	2,4,6-Trichlorophenol	50	51.9	ug/L	104	3			70 (61)	130 (110)	20 (20)
	2,4,5-Trichlorophenol	50	49.0	ug/L	98	10			70 (70)	130 (106)	20 (20)
	1,1-Biphenyl	50	53.2	ug/L	106	6			70 (72)	130 (98)	20 (20)
	2-Chloronaphthalene	50	47.4	ug/L	95	6			70 (59)	130 (106)	20 (20)
	2-Nitroaniline	50	50.6	ug/L	101	5			70 (73)	130 (114)	20 (20)
	Dimethylphthalate	50	48.6	ug/L	97	7			70 (64)	130 (103)	20 (20)
	Acenaphthylene	50	55.5	ug/L	111	4			70 (79)	130 (103)	20 (20)
	2,6-Dinitrotoluene	50	50.2	ug/L	100	5			70 (64)	130 (110)	20 (20)
	3-Nitroaniline	50	26.1	ug/L	52	14	*		70 (28)	130 (100)	20 (20)
	Acenaphthene	50	47.3	ug/L	95	5			70 (59)	130 (113)	20 (20)
	2,4-Dinitrophenol	100	96.1	ug/L	96	1			20 (36)	160 (166)	20 (20)
	4-Nitrophenol	100	110	ug/L	110	0			20 (45)	160 (147)	20 (20)
	Dibenzofuran	50	49.0	ug/L	98	5			70 (65)	130 (106)	20 (20)
	2,4-Dinitrotoluene	50	53.2	ug/L	106	2			70 (60)	130 (115)	20 (20)
	Diethylphthalate	50	49.5	ug/L	99	5			70 (63)	130 (105)	20 (20)
	4-Chlorophenyl-phenylether	50	48.0	ug/L	96	5			70 (61)	130 (104)	20 (20)
	Fluorene	50	50.3	ug/L	101	4			70 (64)	130 (107)	20 (20)
	4-Nitroaniline	50	52.3	ug/L	105	2			70 (55)	130 (125)	20 (20)
	4,6-Dinitro-2-methylphenol	50	47.9	ug/L	96	7			70 (62)	130 (132)	20 (20)
	N-Nitrosodiphenylamine	50	49.3	ug/L	99	6			70 (61)	130 (109)	20 (20)
	4-Bromophenyl-phenylether	50	48.1	ug/L	96	6			70 (73)	130 (103)	20 (20)

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3273 **Analytical Method:** 8270E

Client: G Environmental **DataFile:** BG064490.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB169973BSD	Hexachlorobenzene	50	48.9	ug/L	98	4			70 (73)	130 (106)	20 (20)
	Atrazine	50	52.8	ug/L	106	4			70 (76)	130 (120)	20 (20)
	Pentachlorophenol	100	100	ug/L	100	10			20 (47)	160 (114)	20 (20)
	Phenanthrene	50	48.6	ug/L	97	6			70 (62)	130 (109)	20 (20)
	Anthracene	50	49.9	ug/L	100	6			70 (65)	130 (110)	20 (20)
	Carbazole	50	52.1	ug/L	104	2			70 (62)	130 (106)	20 (20)
	Di-n-butylphthalate	50	51.7	ug/L	103	2			70 (64)	130 (106)	20 (20)
	Fluoranthene	50	51.0	ug/L	102	2			70 (64)	130 (110)	20 (20)
	Pyrene	50	49.5	ug/L	99	4			70 (71)	130 (103)	20 (20)
	Butylbenzylphthalate	50	50.7	ug/L	101	4			70 (61)	130 (105)	20 (20)
	3,3-Dichlorobenzidine	50	27.3	ug/L	55	11	*		70 (43)	130 (108)	20 (20)
	Benzo(a)anthracene	50	50.0	ug/L	100	3			70 (62)	130 (107)	20 (20)
	Chrysene	50	49.6	ug/L	99	3			70 (61)	130 (108)	20 (20)
	bis(2-Ethylhexyl)phthalate	50	51.0	ug/L	102	3			70 (59)	130 (110)	20 (20)
	Di-n-octyl phthalate	50	50.3	ug/L	101	3			70 (52)	130 (139)	20 (20)
	Benzo(b)fluoranthene	50	50.4	ug/L	101	7			70 (77)	130 (113)	20 (20)
	Benzo(k)fluoranthene	50	51.7	ug/L	103	0			70 (77)	130 (105)	20 (20)
	Benzo(a)pyrene	50	53.3	ug/L	107	3			70 (72)	130 (131)	20 (20)
	Indeno(1,2,3-cd)pyrene	50	51.2	ug/L	102	5			70 (72)	130 (105)	20 (20)
	Dibenz(a,h)anthracene	50	52.4	ug/L	105	5			70 (78)	130 (115)	20 (20)
	Benzo(g,h,i)perylene	50	52.7	ug/L	105	4			70 (75)	130 (118)	20 (20)
	1,2,4,5-Tetrachlorobenzene	50	53.7	ug/L	107	1			70 (72)	130 (101)	20 (20)
	1,4-Dioxane	50	40.6	ug/L	81	7			20 (38)	160 (125)	20 (20)
	2,3,4,6-Tetrachlorophenol	50	54.3	ug/L	109	1			70 (63)	130 (116)	20 (20)

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID: PB169973BL

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG NO.: Q3273

Lab File ID: BG064488.D | Lab Sample ID: PB169973BL

Instrument ID: BNA_G | Date Extracted: 10/03/2025

Matrix: (soil/water) Water | Date Analyzed: 10/03/2025

Level: (low/med) LOW | Time Analyzed: 15:35

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB169973BS	PB169973BS	BG064489.D	10/03/2025
PB169973BSD	PB169973BSD	BG064490.D	10/03/2025
MW1	Q3273-01	BG064493.D	10/03/2025

COMMENTS:

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q3273

Lab File ID: BG064472.D DFTPP Injection Date: 10/02/2025

Instrument ID: BNA_G DFTPP Injection Time: 08:21

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.3 (1.1) 1
69	Mass 69 relative abundance	29.9
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	6.4
365	Greater than 1% of mass 198	6.7
441	Present, but less than mass 443	16.8
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.5 (19.5) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BG064473.D	10/02/2025	09:01
SSTDICC005	SSTDICC005	BG064474.D	10/02/2025	09:42
SSTDICC020	SSTDICC020	BG064476.D	10/02/2025	11:33
SSTDICCC040	SSTDICCC040	BG064477.D	10/02/2025	12:14
SSTDICC050	SSTDICC050	BG064478.D	10/02/2025	12:55
SSTDICC060	SSTDICC060	BG064479.D	10/02/2025	13:35
SSTDICC080	SSTDICC080	BG064480.D	10/02/2025	14:16
SSTDICC010	SSTDICC010	BG064481.D	10/02/2025	15:49

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q3273

Lab File ID: BG064484.D DFTPP Injection Date: 10/03/2025

Instrument ID: BNA_G DFTPP Injection Time: 12:52

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.4 (1.4) 1
69	Mass 69 relative abundance	28.7
70	Less than 2.0% of mass 69	0.1 (0.3) 1
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.1
365	Greater than 1% of mass 198	6.1
441	Present, but less than mass 443	11.1
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.9 (19.9) 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	BG064485.D	10/03/2025	13:33
PB169973BL	PB169973BL	BG064488.D	10/03/2025	15:35
PB169973BS	PB169973BS	BG064489.D	10/03/2025	16:16
PB169973BSD	PB169973BSD	BG064490.D	10/03/2025	16:57
MW1	Q3273-01	BG064493.D	10/03/2025	18:59

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3273

Client ID : SSTDCCC040 Date Analyzed: 10/03/2025

Lab File ID: BG064485.D Time Analyzed: 13:33

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	17500	7.821	78873	10.61	59706	14.45
	UPPER LIMIT	35000	8.321	157746	11.112	119412	14.948
	LOWER LIMIT	8750	7.321	39436.5	10.112	29853	13.948
	EPA SAMPLE NO.						
01	PB169973BL	16965	7.82	71465	10.61	57081	14.45
02	PB169973BS	16264	7.82	69209	10.61	53762	14.45
03	PB169973BSD	15312	7.83	68886	10.61	53563	14.45
04	MW1	20058	7.82	82373	10.61	60802	14.46

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: Alliance

Lab Code: ACE SDG NO.: Q3273

Client ID: SSTDCCC040 Date Analyzed: 10/03/2025

Lab File ID: BG064485.D Time Analyzed: 13:33

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	149943	17.186	155011	21.417	163411	24.39
	UPPER LIMIT	299886	17.686	310022	21.917	326822	24.89
	LOWER LIMIT	74971.5	16.686	77505.5	20.917	81705.5	23.89
	EPA SAMPLE NO.						
01	PB169973BL	145353	17.19	149348	21.41	157878	24.39
02	PB169973BS	136086	17.19	136322	21.41	146226	24.39
03	PB169973BSD	138632	17.19	141515	21.42	151583	24.39
04	MW1	129947	17.20	136555	21.42	149983	24.39

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: **BG064488.D**

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Monroe, NJ	Date Received:	
Client Sample ID:	PB169973BL	SDG No.:	Q3273
Lab Sample ID:	PB169973BL	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BG064488.D	1	10/03/25 08:35	10/03/25 15:35	PB169973

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	3.90	U	3.90	10.0	ug/L
108-95-2	Phenol	0.91	U	0.91	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.81	U	0.81	5.00	ug/L
95-57-8	2-Chlorophenol	0.58	U	0.58	5.00	ug/L
95-48-7	2-Methylphenol	1.10	U	1.10	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
65794-96-9	3+4-Methylphenols	1.10	U	1.10	10.0	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
88-75-5	2-Nitrophenol	1.80	U	1.80	5.00	ug/L
105-67-9	2,4-Dimethylphenol	1.90	U	1.90	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	0.68	U	0.68	5.00	ug/L
120-83-2	2,4-Dichlorophenol	0.52	U	0.52	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
59-50-7	4-Chloro-3-methylphenol	0.59	U	0.59	5.00	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
88-06-2	2,4,6-Trichlorophenol	0.51	U	0.51	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	0.62	U	0.62	5.00	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

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Monroe, NJ	Date Received:	
Client Sample ID:	PB169973BL	SDG No.:	Q3273
Lab Sample ID:	PB169973BL	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BG064488.D	1	10/03/25 08:35	10/03/25 15:35	PB169973

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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
51-28-5	2,4-Dinitrophenol	6.00	U	6.00	10.0	ug/L
100-02-7	4-Nitrophenol	2.40	U	2.40	10.0	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
534-52-1	4,6-Dinitro-2-methylphenol	2.90	U	2.90	10.0	ug/L
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
87-86-5	Pentachlorophenol	1.60	U	1.60	10.0	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

Raw Data: **BG064488.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:	Monroe, NJ			Date Received:	
Client Sample ID:	PB169973BL			SDG No.:	Q3273
Lab Sample ID:	PB169973BL			Matrix:	Water
Analytical Method:	8270E			% Solid:	0
Sample Wt/Vol:	1000	Units: mL		Final Vol:	1000 uL
Soil Aliquot Vol:		uL		Test:	SVOC-TCL BNA -20
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
BG064488.D	1	10/03/25 08:35	10/03/25 15:35	PB169973

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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
58-90-2	2,3,4,6-Tetrachlorophenol	0.72	U	0.72	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	162		15 (23) - 110 (138)	108%	SPK: 150
13127-88-3	Phenol-d6	150		15 (10) - 110 (134)	100%	SPK: 150
4165-60-0	Nitrobenzene-d5	94.0		30 (67) - 130 (132)	94%	SPK: 100
321-60-8	2-Fluorobiphenyl	90.7		30 (52) - 130 (132)	91%	SPK: 100
118-79-6	2,4,6-Tribromophenol	138		15 (44) - 110 (137)	92%	SPK: 150
1718-51-0	Terphenyl-d14	98.8		30 (42) - 130 (152)	99%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	17000	7.824			
1146-65-2	Naphthalene-d8	71500	10.609			
15067-26-2	Acenaphthene-d10	57100	14.446			
1517-22-2	Phenanthrene-d10	145000	17.189			
1719-03-5	Chrysene-d12	149000	21.408			
1520-96-3	Perylene-d12	158000	24.387			

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: **BG064489.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:	Monroe, NJ	Date Received:	
Client Sample ID:	PB169973BS	SDG No.:	Q3273
Lab Sample ID:	PB169973BS	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BG064489.D	1	10/03/25 08:35	10/03/25 16:16	PB169973

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	26.5		3.90	10.0	ug/L
108-95-2	Phenol	53.3		0.91	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	49.4		0.81	5.00	ug/L
95-57-8	2-Chlorophenol	51.6		0.58	5.00	ug/L
95-48-7	2-Methylphenol	52.4		1.10	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	49.5		1.30	5.00	ug/L
98-86-2	Acetophenone	57.0		0.74	5.00	ug/L
65794-96-9	3+4-Methylphenols	53.3		1.10	10.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	51.0		1.40	2.50	ug/L
67-72-1	Hexachloroethane	49.2		0.65	5.00	ug/L
98-95-3	Nitrobenzene	50.7		0.76	5.00	ug/L
78-59-1	Isophorone	48.4		0.75	5.00	ug/L
88-75-5	2-Nitrophenol	49.1		1.80	5.00	ug/L
105-67-9	2,4-Dimethylphenol	58.0		1.90	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	50.5		0.68	5.00	ug/L
120-83-2	2,4-Dichlorophenol	55.8		0.52	5.00	ug/L
91-20-3	Naphthalene	50.7		0.50	5.00	ug/L
106-47-8	4-Chloroaniline	18.8		0.84	5.00	ug/L
87-68-3	Hexachlorobutadiene	49.1		0.54	5.00	ug/L
105-60-2	Caprolactam	52.0		1.10	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	53.9		0.59	5.00	ug/L
91-57-6	2-Methylnaphthalene	46.2		0.56	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	150	E	3.60	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	53.5		0.51	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	54.4		0.62	5.00	ug/L
92-52-4	1,1-Biphenyl	56.4		0.53	5.00	ug/L
91-58-7	2-Chloronaphthalene	50.1		0.61	5.00	ug/L
88-74-4	2-Nitroaniline	53.0		1.30	5.00	ug/L
131-11-3	Dimethylphthalate	52.1		0.61	5.00	ug/L

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Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Monroe, NJ			Date Received:	
Client Sample ID:	PB169973BS			SDG No.:	Q3273
Lab Sample ID:	PB169973BS			Matrix:	Water
Analytical Method:	8270E			% Solid:	0
Sample Wt/Vol:	1000	Units: mL		Final Vol:	1000 uL
Soil Aliquot Vol:		uL		Test:	SVOC-TCL BNA -20
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
BG064489.D	1	10/03/25 08:35	10/03/25 16:16	PB169973

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	57.9		0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	53.0		0.92	5.00	ug/L
99-09-2	3-Nitroaniline	30.0		1.10	5.00	ug/L
83-32-9	Acenaphthene	49.8		0.55	5.00	ug/L
51-28-5	2,4-Dinitrophenol	95.5	E	6.00	10.0	ug/L
100-02-7	4-Nitrophenol	110	E	2.40	10.0	ug/L
132-64-9	Dibenzofuran	51.4		0.61	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	52.2		1.20	5.00	ug/L
84-66-2	Diethylphthalate	51.8		0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	50.4		0.68	5.00	ug/L
86-73-7	Fluorene	52.1		0.63	5.00	ug/L
100-01-6	4-Nitroaniline	53.5		1.50	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	51.5		2.90	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	52.3		0.58	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	51.0		0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	50.8		0.52	5.00	ug/L
1912-24-9	Atrazine	55.0		1.00	5.00	ug/L
87-86-5	Pentachlorophenol	110	E	1.60	10.0	ug/L
85-01-8	Phenanthrene	51.6		0.50	5.00	ug/L
120-12-7	Anthracene	53.0		0.61	5.00	ug/L
86-74-8	Carbazole	53.2		0.72	5.00	ug/L
84-74-2	Di-n-butylphthalate	52.6		1.20	5.00	ug/L
206-44-0	Fluoranthene	52.1		0.82	5.00	ug/L
129-00-0	Pyrene	51.7		0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	52.8		1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	30.6		0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	51.5		0.45	5.00	ug/L
218-01-9	Chrysene	51.3		0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	52.7		1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	52.0		2.30	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	54.2		0.49	5.00	ug/L

Raw Data: **BG064489.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:	Monroe, NJ			Date Received:	
Client Sample ID:	PB169973BS			SDG No.:	Q3273
Lab Sample ID:	PB169973BS			Matrix:	Water
Analytical Method:	8270E			% Solid:	0
Sample Wt/Vol:	1000	Units: mL		Final Vol:	1000 uL
Soil Aliquot Vol:		uL		Test:	SVOC-TCL BNA -20
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
BG064489.D	1	10/03/25 08:35	10/03/25 16:16	PB169973

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	51.8		0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	54.9		0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	53.9		0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	55.2		0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	54.7		0.69	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	54.2		0.52	5.00	ug/L
123-91-1	1,4-Dioxane	37.9		1.00	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	54.7		0.72	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	157		15 (23) - 110 (138)	105%	SPK: 150
13127-88-3	Phenol-d6	153		15 (10) - 110 (134)	102%	SPK: 150
4165-60-0	Nitrobenzene-d5	94.3		30 (67) - 130 (132)	94%	SPK: 100
321-60-8	2-Fluorobiphenyl	91.8		30 (52) - 130 (132)	92%	SPK: 100
118-79-6	2,4,6-Tribromophenol	149		15 (44) - 110 (137)	99%	SPK: 150
1718-51-0	Terphenyl-d14	97.3		30 (42) - 130 (152)	97%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	16300	7.823			
1146-65-2	Naphthalene-d8	69200	10.608			
15067-26-2	Acenaphthene-d10	53800	14.45			
1517-22-2	Phenanthrene-d10	136000	17.188			
1719-03-5	Chrysene-d12	136000	21.413			
1520-96-3	Perylene-d12	146000	24.391			

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: **BG064490.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:	Monroe, NJ	Date Received:	
Client Sample ID:	PB169973BSD	SDG No.:	Q3273
Lab Sample ID:	PB169973BSD	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
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
BG064490.D	1	10/03/25 08:35	10/03/25 16:57	PB169973

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	26.1		3.90	10.0	ug/L
108-95-2	Phenol	55.3		0.91	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	49.7		0.81	5.00	ug/L
95-57-8	2-Chlorophenol	55.2		0.58	5.00	ug/L
95-48-7	2-Methylphenol	55.0		1.10	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	48.3		1.30	5.00	ug/L
98-86-2	Acetophenone	54.9		0.74	5.00	ug/L
65794-96-9	3+4-Methylphenols	55.3		1.10	10.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	52.4		1.40	2.50	ug/L
67-72-1	Hexachloroethane	49.3		0.65	5.00	ug/L
98-95-3	Nitrobenzene	47.6		0.76	5.00	ug/L
78-59-1	Isophorone	47.7		0.75	5.00	ug/L
88-75-5	2-Nitrophenol	48.4		1.80	5.00	ug/L
105-67-9	2,4-Dimethylphenol	57.0		1.90	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	49.3		0.68	5.00	ug/L
120-83-2	2,4-Dichlorophenol	52.6		0.52	5.00	ug/L
91-20-3	Naphthalene	48.5		0.50	5.00	ug/L
106-47-8	4-Chloroaniline	15.2		0.84	5.00	ug/L
87-68-3	Hexachlorobutadiene	47.0		0.54	5.00	ug/L
105-60-2	Caprolactam	50.1		1.10	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	51.6		0.59	5.00	ug/L
91-57-6	2-Methylnaphthalene	44.5		0.56	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	140	E	3.60	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	51.9		0.51	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	49.0		0.62	5.00	ug/L
92-52-4	1,1-Biphenyl	53.2		0.53	5.00	ug/L
91-58-7	2-Chloronaphthalene	47.4		0.61	5.00	ug/L
88-74-4	2-Nitroaniline	50.6		1.30	5.00	ug/L
131-11-3	Dimethylphthalate	48.6		0.61	5.00	ug/L

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Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Monroe, NJ			Date Received:	
Client Sample ID:	PB169973BSD			SDG No.:	Q3273
Lab Sample ID:	PB169973BSD			Matrix:	Water
Analytical Method:	8270E			% Solid:	0
Sample Wt/Vol:	1000	Units: mL		Final Vol:	1000 uL
Soil Aliquot Vol:		uL		Test:	SVOC-TCL BNA -20
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
BG064490.D	1	10/03/25 08:35	10/03/25 16:57	PB169973

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	55.5		0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	50.2		0.92	5.00	ug/L
99-09-2	3-Nitroaniline	26.1		1.10	5.00	ug/L
83-32-9	Acenaphthene	47.3		0.55	5.00	ug/L
51-28-5	2,4-Dinitrophenol	96.1	E	6.00	10.0	ug/L
100-02-7	4-Nitrophenol	110	E	2.40	10.0	ug/L
132-64-9	Dibenzofuran	49.0		0.61	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	53.2		1.20	5.00	ug/L
84-66-2	Diethylphthalate	49.5		0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	48.0		0.68	5.00	ug/L
86-73-7	Fluorene	50.3		0.63	5.00	ug/L
100-01-6	4-Nitroaniline	52.3		1.50	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	47.9		2.90	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	49.3		0.58	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	48.1		0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	48.9		0.52	5.00	ug/L
1912-24-9	Atrazine	52.8		1.00	5.00	ug/L
87-86-5	Pentachlorophenol	100	E	1.60	10.0	ug/L
85-01-8	Phenanthrene	48.6		0.50	5.00	ug/L
120-12-7	Anthracene	49.9		0.61	5.00	ug/L
86-74-8	Carbazole	52.1		0.72	5.00	ug/L
84-74-2	Di-n-butylphthalate	51.7		1.20	5.00	ug/L
206-44-0	Fluoranthene	51.0		0.82	5.00	ug/L
129-00-0	Pyrene	49.5		0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	50.7		1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	27.3		0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	50.0		0.45	5.00	ug/L
218-01-9	Chrysene	49.6		0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	51.0		1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	50.3		2.30	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	50.4		0.49	5.00	ug/L

Raw Data: **BG064490.D**

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Monroe, NJ			Date Received:	
Client Sample ID:	PB169973BSD			SDG No.:	Q3273
Lab Sample ID:	PB169973BSD			Matrix:	Water
Analytical Method:	8270E			% Solid:	0
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOC-TCL BNA -20
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
BG064490.D	1	10/03/25 08:35	10/03/25 16:57	PB169973

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
207-08-9	Benzo(k)fluoranthene	51.7		0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	53.3		0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	51.2		0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	52.4		0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	52.7		0.69	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	53.7		0.52	5.00	ug/L
123-91-1	1,4-Dioxane	40.6		1.00	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	54.3		0.72	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	163		15 (23) - 110 (138)	108%	SPK: 150
13127-88-3	Phenol-d6	155		15 (10) - 110 (134)	103%	SPK: 150
4165-60-0	Nitrobenzene-d5	91.5		30 (67) - 130 (132)	91%	SPK: 100
321-60-8	2-Fluorobiphenyl	90.3		30 (52) - 130 (132)	90%	SPK: 100
118-79-6	2,4,6-Tribromophenol	144		15 (44) - 110 (137)	96%	SPK: 150
1718-51-0	Terphenyl-d14	96.5		30 (42) - 130 (152)	97%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	15300	7.825			
1146-65-2	Naphthalene-d8	68900	10.61			
15067-26-2	Acenaphthene-d10	53600	14.453			
1517-22-2	Phenanthrene-d10	139000	17.191			
1719-03-5	Chrysene-d12	142000	21.415			
1520-96-3	Perylene-d12	152000	24.388			

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 GC/MS Ins

Method Path : Z:\svoasrv\HPCHEM1\BNA_G\Methods\
Method File : 8270-BG100225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Oct 02 16:40:42 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BG064473.D 5 =BG064474.D 10 =BG064481.D 20 =BG064476.D 40 =BG064477.D 50 =BG064478.D 60 =BG064479.D 80 =BG0644
80.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------ISTD----------									
2)		1,4-Dioxane		0.530	0.412	0.447	0.438	0.398	0.386	0.381	0.427	12.10
3)		Pyridine		1.225	1.151	1.147	1.236	1.102	1.095	1.086	1.149	5.33
4)		n-Nitrosodimet...			0.854	0.790	0.863	0.833	0.843	0.814	0.833	3.24
5)	S	2-Fluorophenol		1.066	1.018	1.053	1.195	1.071	1.108	1.053	1.081	5.26
6)		Aniline		1.913	1.738	1.827	2.020	1.772	1.823	1.729	1.832	5.68
7)	S	Phenol-d6		1.395	1.373	1.446	1.631	1.434	1.496	1.391	1.452	6.12
8)		2-Chlorophenol		1.387	1.264	1.312	1.455	1.264	1.336	1.271	1.327	5.45
9)		Benzaldehyde			1.437	1.039	1.527	1.146	1.548	1.037	1.289	18.76
10)	C	Phenol		1.518	1.397	1.530	1.683	1.517	1.583	1.496	1.532	5.68
11)		bis(2-Chloroet...		1.117	0.953	1.002	1.134	1.000	1.064	0.992	1.038	6.61
12)		1,3-Dichlorobe...		1.558	1.459	1.396	1.582	1.385	1.418	1.363	1.452	5.97
13)	C	1,4-Dichlorobe...		1.506	1.435	1.452	1.581	1.421	1.421	1.383	1.457	4.57
14)		1,2-Dichlorobe...		1.583	1.389	1.434	1.533	1.377	1.399	1.335	1.436	6.24
15)		Benzyl Alcohol			1.224	1.300	1.447	1.342	1.399	1.312	1.337	5.87
16)		2,2'-oxybis(1-...		1.720	1.610	1.657	1.804	1.650	1.708	1.558	1.672	4.80
17)		2-Methylphenol		1.105	1.063	1.087	1.215	1.076	1.143	1.077	1.109	4.81
18)		Hexachloroethane		0.586	0.630	0.534	0.604	0.562	0.566	0.544	0.575	5.87
19)	P	n-Nitroso-di-n...	0.813	1.008	0.913	1.006	1.096	0.959	1.048	0.926	0.971	9.10
20)		3+4-Methylphenols			1.472	1.510	1.700	1.492	1.622	1.494	1.548	5.91
21)	I	Naphthalene-d8	----------ISTD----------									
22)		Acetophenone		0.476	0.450	0.477	0.516	0.491	0.495	0.486	0.484	4.21
23)	S	Nitrobenzene-d5		0.360	0.352	0.378	0.396	0.369	0.381	0.369	0.372	3.84
24)		Nitrobenzene		0.403	0.348	0.352	0.395	0.364	0.377	0.358	0.371	5.73
25)		Isophorone		0.672	0.654	0.674	0.721	0.660	0.686	0.650	0.674	3.59
26)	C	2-Nitrophenol		0.197	0.169	0.181	0.192	0.185	0.188	0.181	0.185	4.93
27)		2,4-Dimethylph...		0.277	0.257	0.279	0.299	0.285	0.298	0.281	0.282	4.97
28)		bis(2-Chloroet...		0.320	0.320	0.361	0.375	0.336	0.352	0.341	0.343	5.92
29)	C	2,4-Dichloroph...		0.323	0.305	0.321	0.343	0.322	0.336	0.332	0.326	3.78
30)		1,2,4-Trichlor...		0.383	0.333	0.360	0.377	0.339	0.349	0.347	0.356	5.27
31)		Naphthalene		1.062	0.980	1.013	1.107	0.995	1.041	1.011	1.030	4.26
32)		Benzoic acid			0.149	0.198	0.230	0.240	0.239	0.243	0.216	17.02
33)		4-Chloroaniline		0.392	0.398	0.373	0.417	0.388	0.406	0.392	0.395	3.53
34)	C	Hexachlorobuta...		0.331	0.289	0.308	0.316	0.296	0.300	0.291	0.304	4.94
35)		Caprolactam			0.108	0.120	0.115	0.111	0.110	0.107	0.112	4.36
36)	C	4-Chloro-3-met...		0.395	0.381	0.392	0.418	0.390	0.405	0.395	0.397	3.01
37)		2-Methylnaphth...		0.783	0.771	0.790	0.843	0.778	0.799	0.770	0.791	3.18
38)		1-Methylnaphth...		0.837	0.782	0.782	0.825	0.750	0.784	0.758	0.788	4.08

Method Path : Z:\svoasrv\HPCHEM1\BNA_G\Methods\
Method File : 8270-BG100225.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.622	0.604	0.622	0.708	0.640	0.678	0.646	0.646	5.60
41)	P	Hexachlorocycl...		0.279	0.296	0.363	0.356	0.378	0.356	0.338	11.95
42)	S	2,4,6-Tribromo...	0.364	0.352	0.367	0.381	0.364	0.361	0.349	0.363	2.89
43)	C	2,4,6-Trichlor...	0.391	0.390	0.396	0.445	0.416	0.436	0.414	0.413	5.30
44)		2,4,5-Trichlor...	0.451	0.452	0.430	0.486	0.465	0.473	0.470	0.461	3.93
45)	S	2-Fluorobiphenyl	1.355	1.338	1.346	1.434	1.325	1.389	1.310	1.357	3.11
46)		1,1'-Biphenyl	1.439	1.388	1.417	1.521	1.434	1.484	1.387	1.438	3.42
47)		2-Chloronaphth...	1.006	1.104	1.046	1.153	1.056	1.106	1.046	1.074	4.61
48)		2-Nitroaniline	0.301	0.362	0.371	0.397	0.386	0.385	0.365	0.367	8.60
49)		Acenaphthylene	1.591	1.534	1.573	1.704	1.574	1.638	1.546	1.594	3.68
50)		Dimethylphthalate	1.564	1.584	1.582	1.624	1.531	1.586	1.493	1.566	2.72
51)		2,6-Dinitrotol...	0.292	0.326	0.335	0.337	0.333	0.345	0.316	0.326	5.43
52)	C	Acenaphthene	1.108	1.099	1.086	1.159	1.106	1.138	1.058	1.108	2.98
53)		3-Nitroaniline	0.279	0.294	0.300	0.319	0.315	0.303	0.296	0.301	4.50
54)	P	2,4-Dinitrophenol		0.265	0.270	0.207	0.228	0.229	0.220	0.237	10.76
55)		Dibenzofuran	1.837	1.810	1.800	1.909	1.821	1.872	1.753	1.829	2.77
56)	P	4-Nitrophenol		0.192	0.227	0.260	0.256	0.253	0.232	0.237	10.85
57)		2,4-Dinitrotol...	0.481	0.499	0.488	0.527	0.513	0.506	0.477	0.499	3.60
58)		Fluorene	1.518	1.511	1.535	1.601	1.488	1.532	1.458	1.520	2.91
59)		2,3,4,6-Tetrac...	0.438	0.447	0.475	0.505	0.475	0.494	0.457	0.470	5.16
60)		Diethylphthalate	1.747	1.692	1.679	1.730	1.675	1.663	1.578	1.680	3.25
61)		4-Chlorophenyl...	0.866	0.809	0.839	0.868	0.817	0.819	0.794	0.830	3.42
62)		4-Nitroaniline	0.229	0.296	0.331	0.334	0.345	0.340	0.320	0.314	12.96
63)		Azobenzene	1.339	1.299	1.325	1.346	1.295	1.289	1.216	1.301	3.37
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.125	0.139	0.145	0.138	0.145	0.144	0.139	5.58
66)	c	n-Nitrosodiphe...	0.540	0.519	0.534	0.569	0.508	0.541	0.529	0.534	3.62
67)		4-Bromophenyl-...	0.235	0.229	0.227	0.253	0.224	0.237	0.241	0.235	4.21
68)		Hexachlorobenzene	0.256	0.261	0.272	0.288	0.260	0.280	0.270	0.269	4.36
69)		Atrazine	0.237	0.240	0.247	0.250	0.232	0.239	0.219	0.238	4.26
70)	C	Pentachlorophenol		0.118	0.146	0.169	0.166	0.170	0.175	0.157	13.66
71)		Phenanthrene	1.072	1.022	1.055	1.111	1.002	1.050	1.010	1.046	3.65
72)		Anthracene	1.045	1.028	1.044	1.130	1.001	1.068	1.029	1.049	3.93
73)		Carbazole	0.883	0.895	0.904	0.987	0.877	0.921	0.880	0.907	4.24
74)		Di-n-butylphth...	1.096	1.079	1.105	1.189	1.076	1.131	1.076	1.107	3.71
75)	C	Fluoranthene	1.269	1.226	1.272	1.330	1.192	1.253	1.204	1.250	3.77
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.393	0.424	0.649	0.540	0.621	0.359	0.498	24.67
78)		Pyrene	1.295	1.329	1.316	1.392	1.242	1.281	1.230	1.298	4.24
79)	S	Terphenyl-d14	1.067	1.061	1.069	1.123	1.030	1.044	1.003	1.057	3.55
80)		Butylbenzylpht...	0.437	0.438	0.464	0.497	0.447	0.479	0.458	0.460	4.78
81)		Benzo(a)anthra...	1.280	1.239	1.285	1.353	1.238	1.291	1.253	1.277	3.15
82)		3,3'-Dichlorob...		0.418	0.431	0.458	0.423	0.443	0.420	0.432	3.58
83)		Chrysene	1.226	1.200	1.195	1.297	1.173	1.210	1.178	1.211	3.48
84)		Bis(2-ethylhex...	0.605	0.637	0.640	0.692	0.641	0.670	0.658	0.649	4.26
85)	c	Di-n-octyl pht...		1.055	1.050	1.153	1.073	1.125	1.089	1.091	3.74

Method Path : Z:\svoasrv\HPCHEM1\BNA_G\Methods\
Method File : 8270-BG100225.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.368	1.320	1.378	1.493	1.387	1.431	1.368	1.392	3.98
88)		Benzo(b)fluora...	1.077	1.084	1.171	1.212	1.142	1.169	1.109	1.138	4.40
89)		Benzo(k)fluora...	1.139	1.082	1.145	1.233	1.123	1.156	1.142	1.146	3.97
90)	C	Benzo(a)pyrene	1.017	0.999	1.059	1.122	1.031	1.075	1.037	1.049	3.91
91)		Dibenzo(a,h)an...	1.047	1.053	1.121	1.190	1.115	1.151	1.116	1.113	4.55
92)		Benzo(g,h,i)pe...	1.059	1.053	1.088	1.153	1.069	1.104	1.048	1.082	3.41

(#) = Out of Range

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q3273

Instrument ID: BNA_G Calibration Date/Time: 10/03/2025 13:33

Lab File ID: BG064485.D Init. Calib. Date(s): 10/02/2025 10/02/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:01 15:49

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.081	1.209		11.8	
Benzaldehyde	1.290	1.512		17.2	
Phenol-d6	1.452	1.602		10.3	
Phenol	1.532	1.694		10.6	20.0
bis(2-Chloroethyl)ether	1.038	1.112		7.1	
2-Chlorophenol	1.327	1.425		7.4	
2-Methylphenol	1.109	1.211		9.2	
2,2-oxybis(1-Chloropropane)	1.672	1.832		9.6	
Acetophenone	0.484	0.523		8.1	
3+4-Methylphenols	1.548	1.704		10.1	
n-Nitroso-di-n-propylamine	0.971	1.074	0.050	10.6	
Nitrobenzene-d5	0.372	0.400		7.5	
Hexachloroethane	0.575	0.621		8.0	
Nitrobenzene	0.371	0.391		5.4	
Isophorone	0.674	0.706		4.7	
2-Nitrophenol	0.185	0.195		5.4	20.0
2,4-Dimethylphenol	0.282	0.301		6.7	
bis(2-Chloroethoxy)methane	0.343	0.360		5.0	
2,4-Dichlorophenol	0.326	0.348		6.7	20.0
Naphthalene	1.030	1.093		6.1	
4-Chloroaniline	0.395	0.420		6.3	
Hexachlorobutadiene	0.304	0.315		3.6	20.0
Caprolactam	0.112	0.122		8.9	
4-Chloro-3-methylphenol	0.397	0.428		7.8	20.0
2-Methylnaphthalene	0.791	0.823		4.0	
Hexachlorocyclopentadiene	0.338	0.368	0.050	8.9	
2,4,6-Trichlorophenol	0.413	0.437		5.8	20.0
2-Fluorobiphenyl	1.357	1.436		5.8	
2,4,5-Trichlorophenol	0.461	0.511		10.8	
1,1-Biphenyl	1.438	1.499		4.2	
2-Chloronaphthalene	1.074	1.152		7.3	
2-Nitroaniline	0.367	0.393		7.1	
Dimethylphthalate	1.566	1.632		4.2	
Acenaphthylene	1.594	1.697		6.5	
2,6-Dinitrotoluene	0.326	0.352		8.0	
3-Nitroaniline	0.301	0.332		10.3	
Acenaphthene	1.108	1.174		6.0	20.0
2,4-Dinitrophenol	0.237	0.222	0.050	-6.3	
4-Nitrophenol	0.237	0.271	0.050	14.3	

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q3273

Instrument ID: BNA_G Calibration Date/Time: 10/03/2025 13:33

Lab File ID: BG064485.D Init. Calib. Date(s): 10/02/2025 10/02/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 09:01 15:49

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.829	1.939		6.0	
2,4-Dinitrotoluene	0.499	0.537		7.6	
Diethylphthalate	1.680	1.758		4.6	
4-Chlorophenyl-phenylether	0.830	0.863		4.0	
Fluorene	1.520	1.622		6.7	
4-Nitroaniline	0.314	0.357		13.7	
4,6-Dinitro-2-methylphenol	0.139	0.147		5.8	
n-Nitrosodiphenylamine	0.534	0.559		4.7	20.0
2,4,6-Tribromophenol	0.363	0.380		4.7	
4-Bromophenyl-phenylether	0.235	0.250		6.4	
Hexachlorobenzene	0.269	0.281		4.5	
Atrazine	0.238	0.251		5.5	
Pentachlorophenol	0.157	0.168		7.0	20.0
Phenanthrene	1.046	1.113		6.4	
Anthracene	1.049	1.103		5.1	
Carbazole	0.907	0.978		7.8	
Di-n-butylphthalate	1.107	1.201		8.5	
Fluoranthene	1.250	1.372		9.8	20.0
Pyrene	1.298	1.371		5.6	
Terphenyl-d14	1.057	1.121		6.1	
Butylbenzylphthalate	0.460	0.487		5.9	
3,3-Dichlorobenzidine	0.432	0.460		6.5	
Benzo(a)anthracene	1.277	1.353		6.0	
Chrysene	1.211	1.274		5.2	
Bis(2-ethylhexyl)phthalate	0.649	0.681		4.9	
Di-n-octyl phthalate	1.091	1.132		3.8	20.0
Benzo(b)fluoranthene	1.138	1.230		8.1	
Benzo(k)fluoranthene	1.146	1.207		5.3	
Benzo(a)pyrene	1.049	1.132		7.9	20.0
Indeno(1,2,3-cd)pyrene	1.392	1.487		6.8	
Dibenzo(a,h)anthracene	1.113	1.209		8.6	
Benzo(g,h,i)perylene	1.082	1.155		6.7	
1,2,4,5-Tetrachlorobenzene	0.646	0.677		4.8	
1,4-Dioxane	0.427	0.434		1.6	20.0
2,3,4,6-Tetrachlorophenol	0.470	0.497		5.7	

All other compounds must meet a minimum RRF of 0.010.

SAMPLE RAW DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100325\
Data File : BG064493.D
Acq On : 3 Oct 2025 18:59
Operator : RC/JU
Sample : Q3273-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW1

Quant Time: Oct 04 00:00:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 02 16:40:42 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.820	152	20058	20.000	ng	0.00
21) Naphthalene-d8	10.611	136	82373	20.000	ng	# 0.00
39) Acenaphthene-d10	14.459	164	60802	20.000	ng	0.01
64) Phenanthrene-d10	17.197	188	129947	20.000	ng	# 0.01
76) Chrysene-d12	21.416	240	136555	20.000	ng	# 0.00
86) Perylene-d12	24.389	264	149983	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.417	112	73920	68.203	ng	0.01
7) Phenol-d6	6.997	99	59110	40.584	ng	0.01
23) Nitrobenzene-d5	8.977	82	138717	90.549	ng	0.01
42) 2,4,6-Tribromophenol	15.946	330	147739	134.050	ng	0.01
45) 2-Fluorobiphenyl	13.079	172	378313	91.713	ng	0.01
79) Terphenyl-d14	19.812	244	622795	86.312	ng	0.00
Target Compounds						Qvalue
78) Pyrene	19.606	202	41244	4.654	ng	# 91

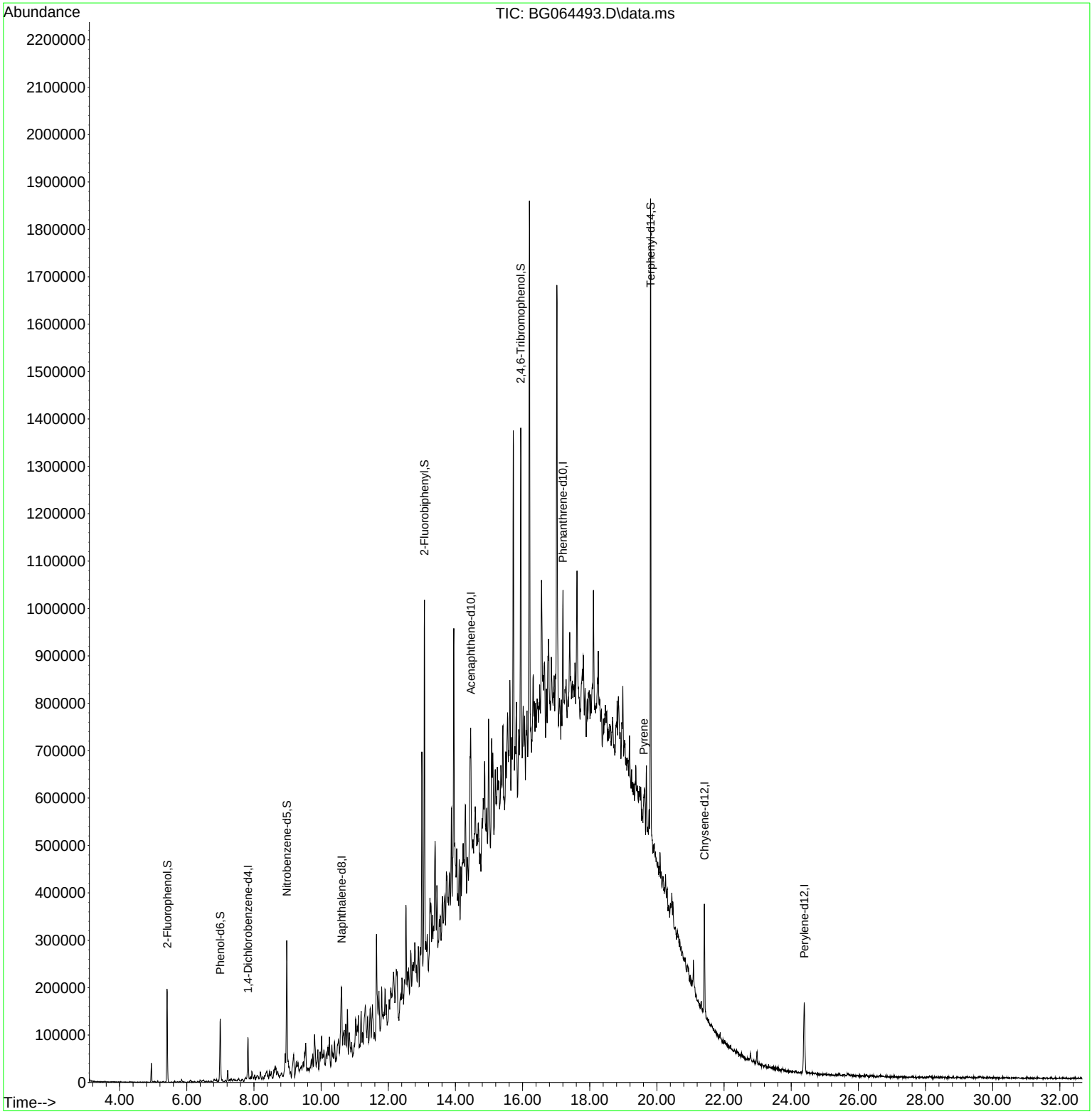
(#) = qualifier out of range (m) = manual integration (+) = signals summed

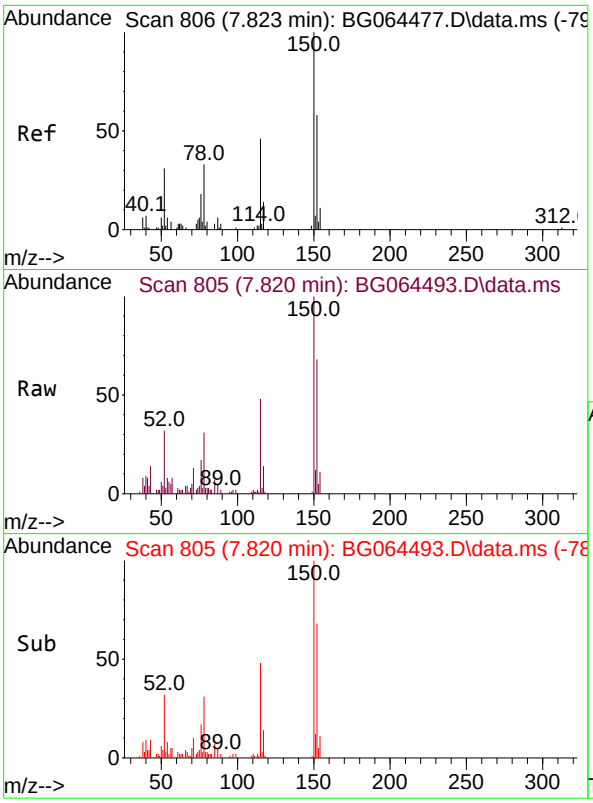
Sample Results: **BG064493.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100325\
Data File : BG064493.D
Acq On : 3 Oct 2025 18:59
Operator : RC/JU
Sample : Q3273-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW1

Quant Time: Oct 04 00:00:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 02 16:40:42 2025
Response via : Initial Calibration



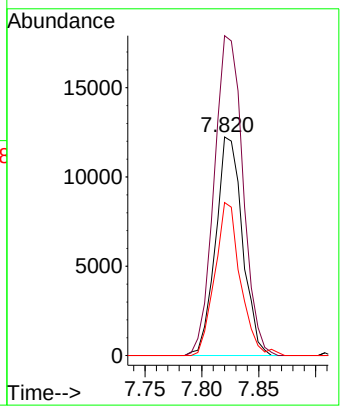


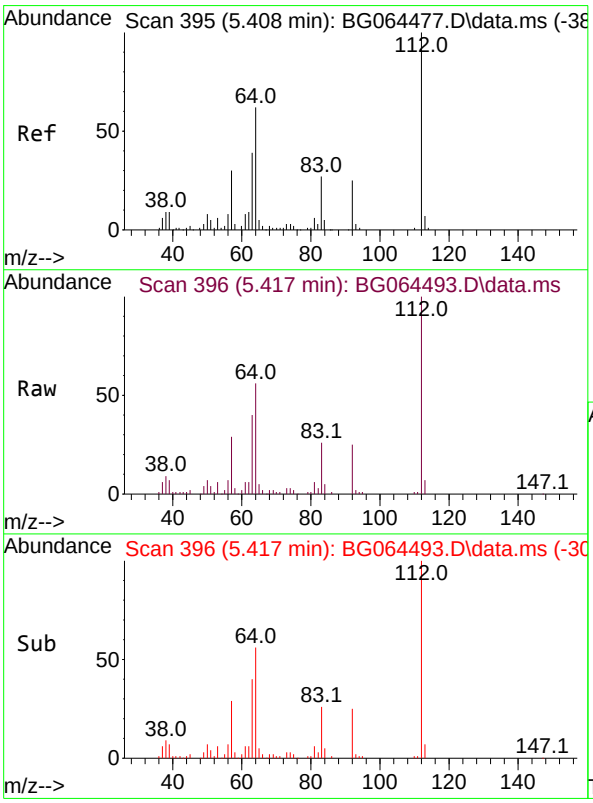
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.820 min Scan# 80
Delta R.T. -0.000 min
Lab File: BG064493.D
Acq: 3 Oct 2025 18:59

Instrument :
BNA_G
ClientSampleId :
MW1

Tgt Ion:152 Resp: 20058

Ion	Ratio	Lower	Upper
152	100		
150	146.3	138.6	207.8
115	70.0	63.4	95.2

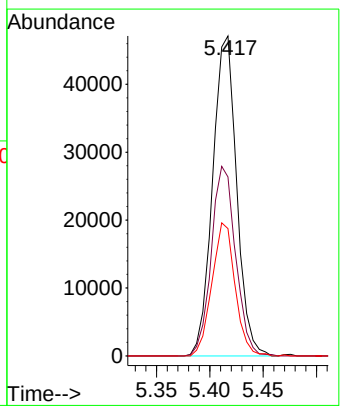


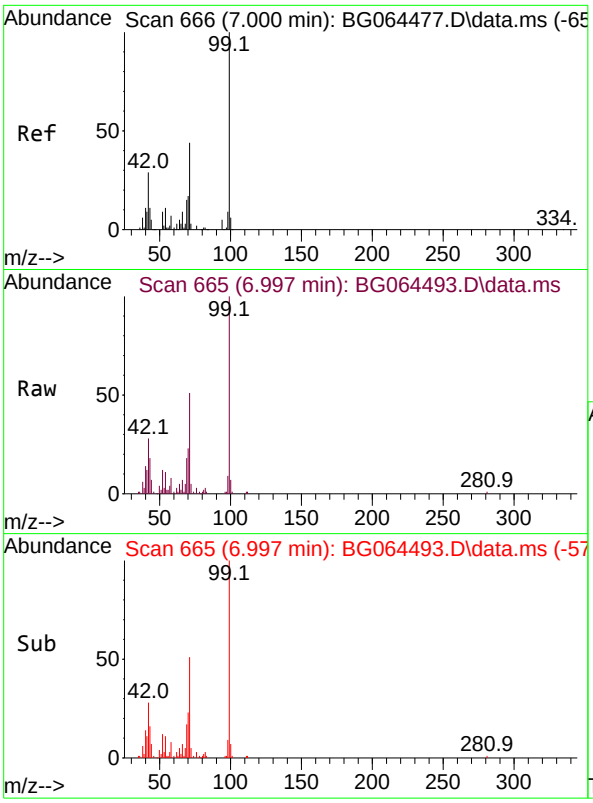


#5
2-Fluorophenol
Concen: 68.203 ng
RT: 5.417 min Scan# 396
Delta R.T. 0.011 min
Lab File: BG064493.D
Acq: 3 Oct 2025 18:59

Tgt Ion:112 Resp: 73920

Ion	Ratio	Lower	Upper
112	100		
64	55.9	49.8	74.8
63	39.8	31.3	46.9



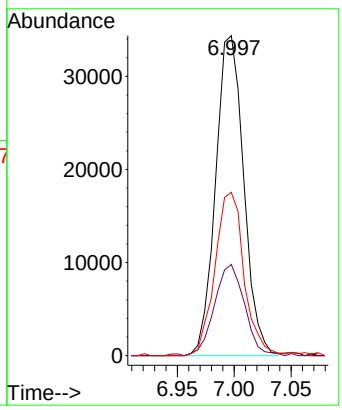


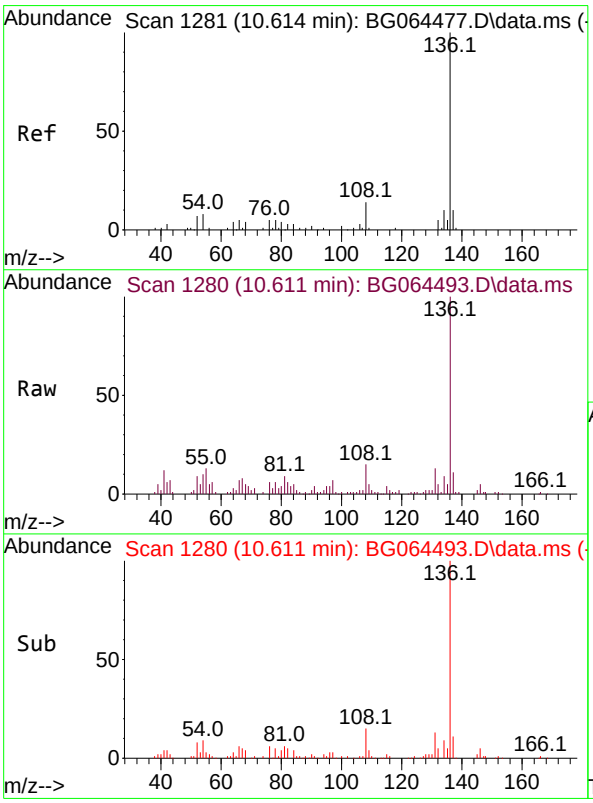
#7
Phenol-d6
Concen: 40.584 ng
RT: 6.997 min Scan# 6
Delta R.T. 0.011 min
Lab File: BG064493.D
Acq: 3 Oct 2025 18:59

Instrument :
BNA_G
ClientSampleId :
MW1

Tgt Ion: 99 Resp: 59110

Ion	Ratio	Lower	Upper
99	100		
42	28.5	22.9	34.3
71	51.0	35.4	53.2

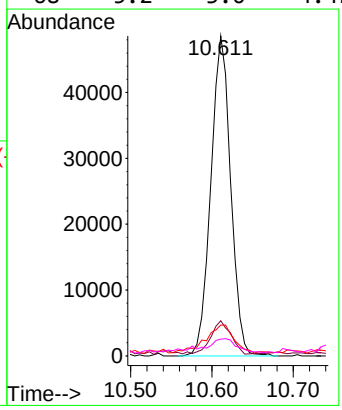


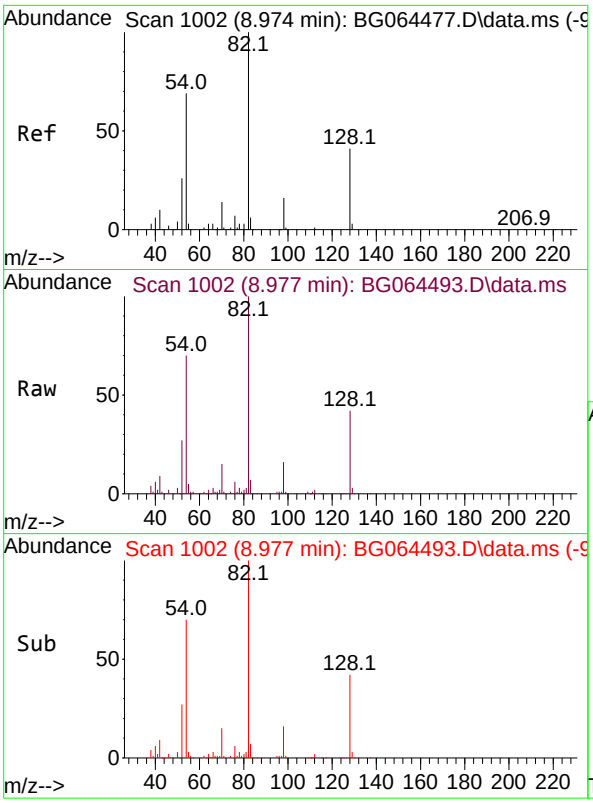


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.611 min Scan# 1280
Delta R.T. 0.005 min
Lab File: BG064493.D
Acq: 3 Oct 2025 18:59

Tgt Ion:136 Resp: 82373

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.3	12.5
54	9.6	6.2	9.4#
68	5.2	3.0	4.4#



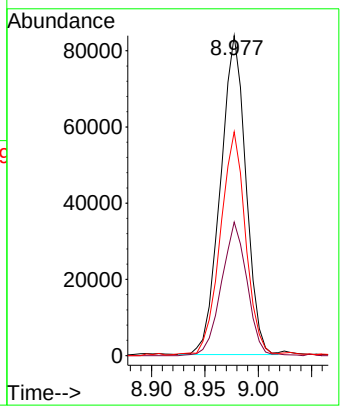


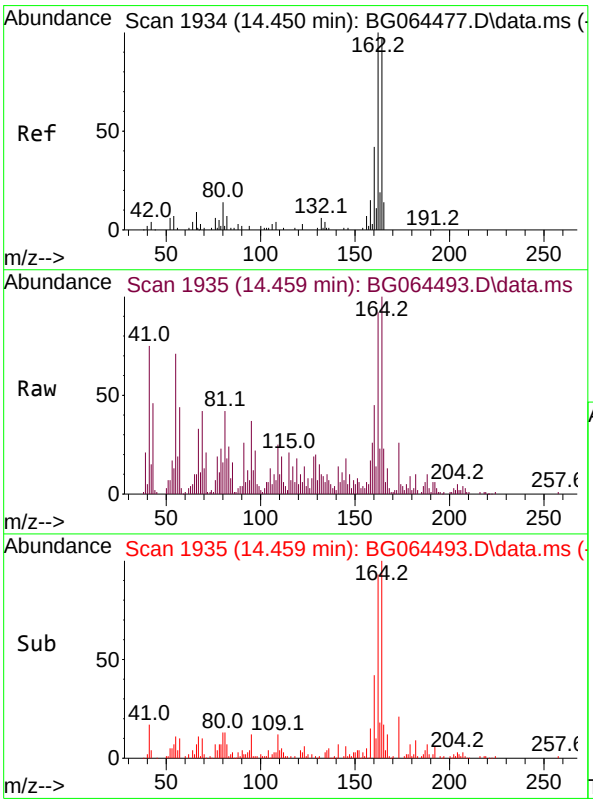
#23
Nitrobenzene-d5
Concen: 90.549 ng
RT: 8.977 min Scan# 10
Delta R.T. 0.011 min
Lab File: BG064493.D
Acq: 3 Oct 2025 18:59

Instrument :
BNA_G
ClientSampleId :
MW1

Tgt Ion: 82 Resp: 138717

Ion	Ratio	Lower	Upper
82	100		
128	41.7	33.1	49.7
54	69.9	55.4	83.2

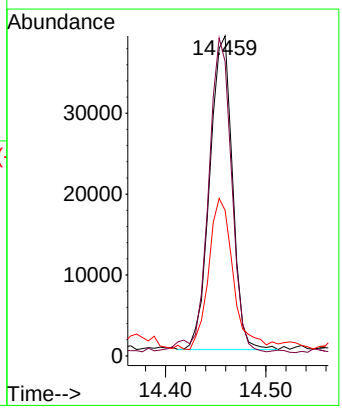


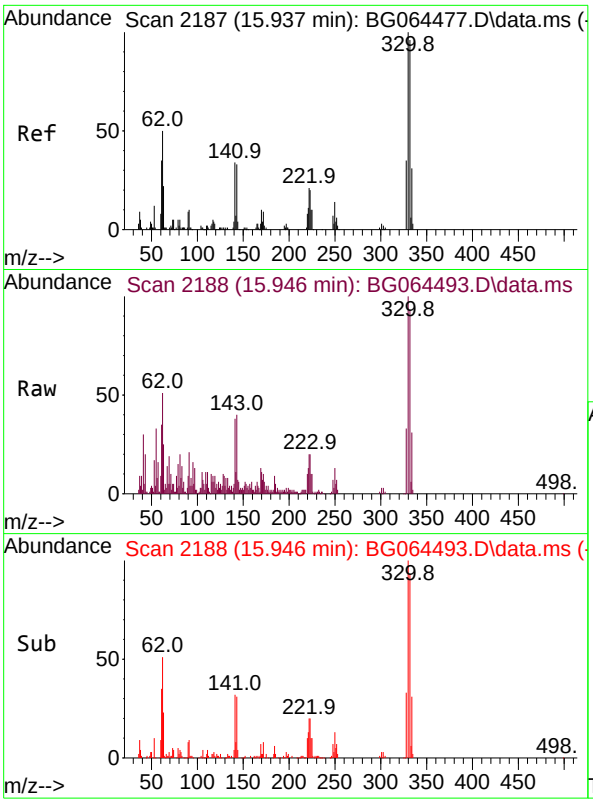


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.459 min Scan# 1935
Delta R.T. 0.011 min
Lab File: BG064493.D
Acq: 3 Oct 2025 18:59

Tgt Ion:164 Resp: 60802

Ion	Ratio	Lower	Upper
164	100		
162	92.0	82.2	123.2
160	45.5	34.3	51.5



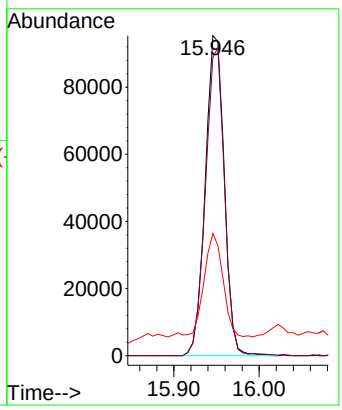


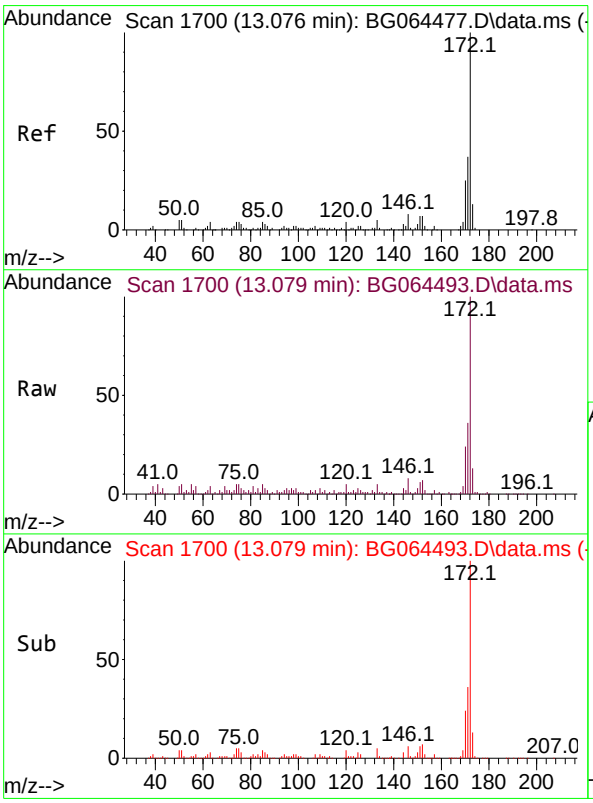
#42
2,4,6-Tribromophenol
Concen: 134.050 ng
RT: 15.946 min Scan# 21
Delta R.T. 0.011 min
Lab File: BG064493.D
Acq: 3 Oct 2025 18:59

Instrument :
BNA_G
ClientSampleId :
MW1

Tgt Ion:330 Resp: 147739

Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.4	116.0
141	34.0	25.8	38.6

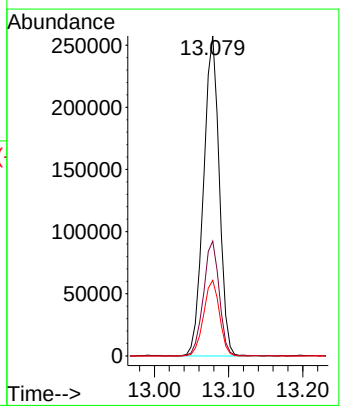


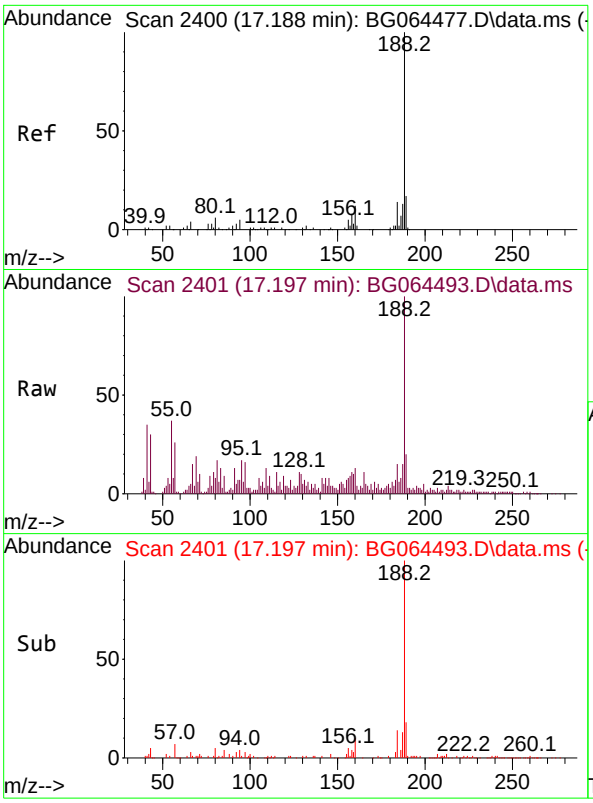


#45
2-Fluorobiphenyl
Concen: 91.713 ng
RT: 13.079 min Scan# 1700
Delta R.T. 0.011 min
Lab File: BG064493.D
Acq: 3 Oct 2025 18:59

Tgt Ion:172 Resp: 378313

Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	23.6	20.2	30.2



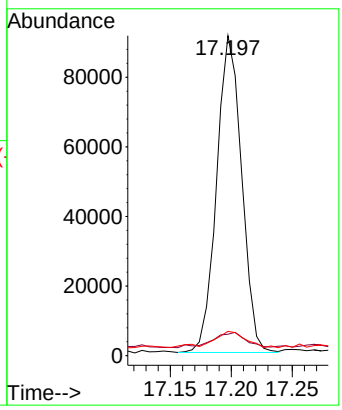


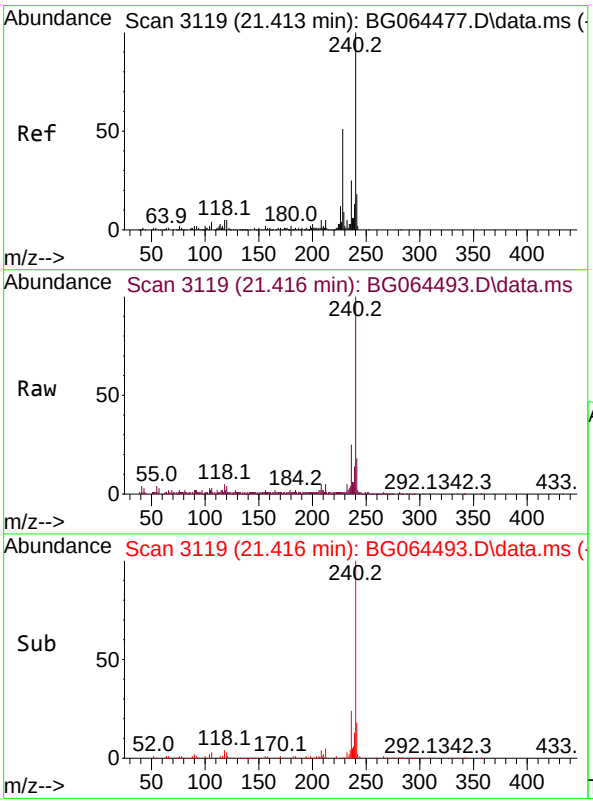
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.197 min Scan# 24
Delta R.T. 0.011 min
Lab File: BG064493.D
Acq: 3 Oct 2025 18:59

Instrument :
BNA_G
ClientSampleId :
MW1

Tgt Ion:188 Resp: 129947

Ion	Ratio	Lower	Upper
188	100		
94	6.7	3.7	5.5#
80	7.6	4.5	6.7#

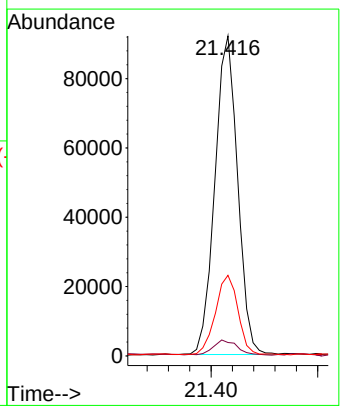


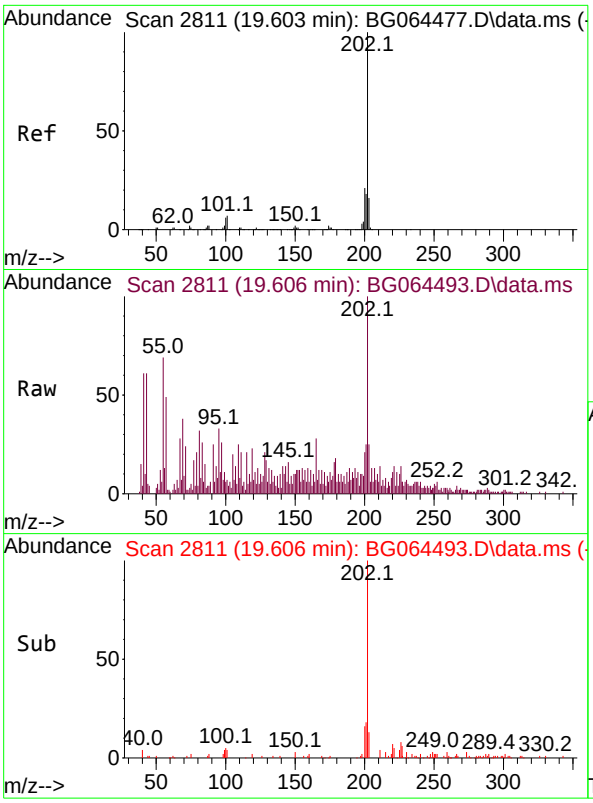


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.416 min Scan# 3119
Delta R.T. 0.006 min
Lab File: BG064493.D
Acq: 3 Oct 2025 18:59

Tgt Ion:240 Resp: 136555

Ion	Ratio	Lower	Upper
240	100		
120	4.2	4.3	6.5#
236	25.2	20.4	30.6



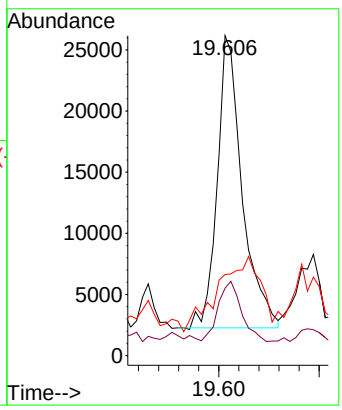


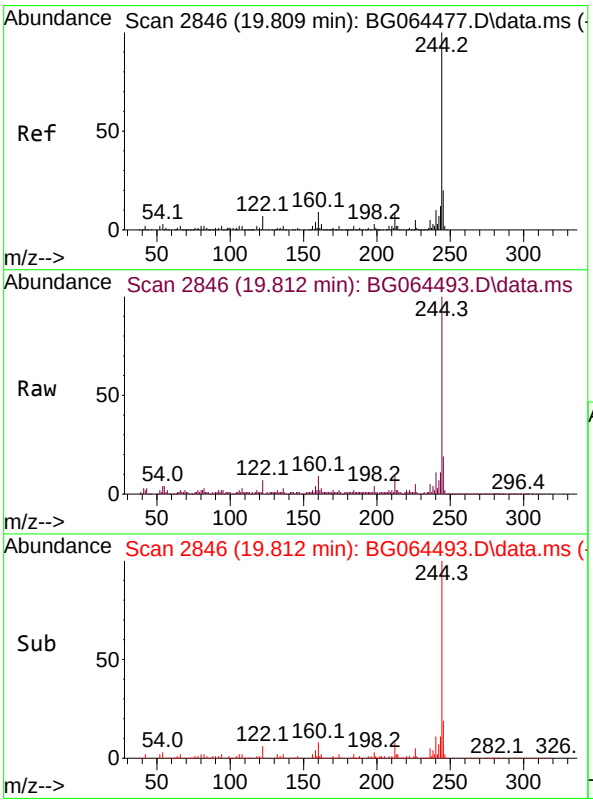
#78
Pyrene
Concen: 4.654 ng
RT: 19.606 min Scan# 28
Delta R.T. 0.005 min
Lab File: BG064493.D
Acq: 3 Oct 2025 18:59

Instrument :
BNA_G
ClientSampleId :
MW1

Tgt Ion:202 Resp: 41244

Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.0	25.4
203	25.3	13.0	19.4#

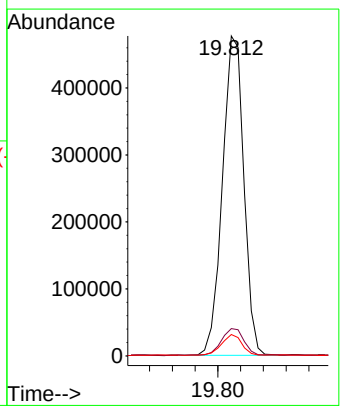


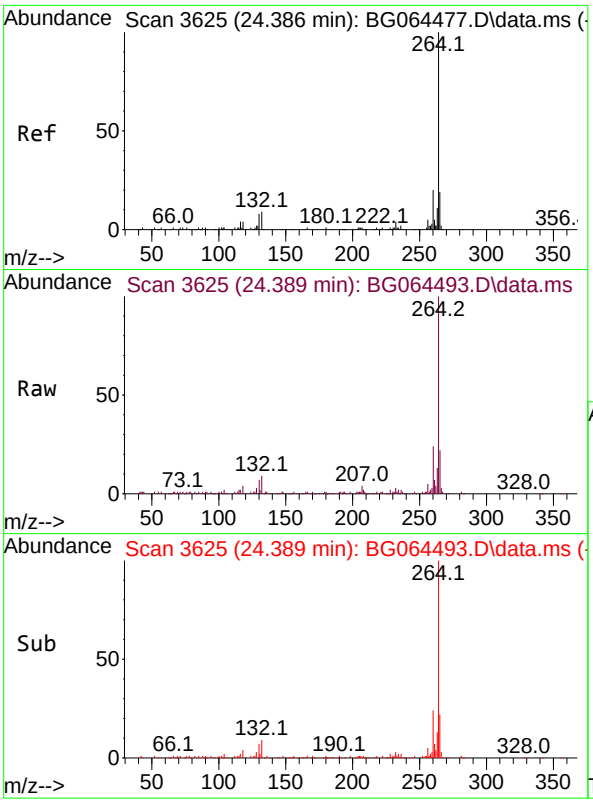


#79
Terphenyl-d14
Concen: 86.312 ng
RT: 19.812 min Scan# 2846
Delta R.T. 0.005 min
Lab File: BG064493.D
Acq: 3 Oct 2025 18:59

Tgt Ion:244 Resp: 622795

Ion	Ratio	Lower	Upper
244	100		
212	8.5	7.0	10.6
122	6.7	5.6	8.4



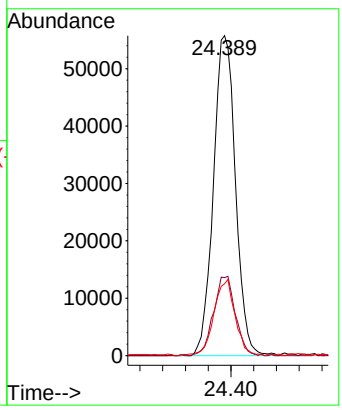


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.389 min Scan# 3
Delta R.T. -0.000 min
Lab File: BG064493.D
Acq: 3 Oct 2025 18:59

Instrument :
BNA_G
ClientSampleId :
MW1

Tgt Ion:264 Resp: 149983

Ion	Ratio	Lower	Upper
264	100		
260	24.4	16.2	24.4#
265	22.5	15.0	22.4#



Sample Results: **BG064493.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100325\
Data File : BG064493.D
Acq On : 3 Oct 2025 18:59
Operator : RC/JU
Sample : Q3273-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW1

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_G\Methods\8270-BG100225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG064493.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.941	310	315	320	rBV	40001	55911	2.94%	0.289%
2	5.411	389	395	403	rBV	197160	310378	16.34%	1.603%
3	6.997	656	665	673	rBV	132736	243525	12.82%	1.258%
4	7.215	697	702	707	rBV	23646	38555	2.03%	0.199%
5	7.820	798	805	811	rVB2	87062	149972	7.90%	0.774%
6	7.937	821	825	834	rBV3	15596	28453	1.50%	0.147%
7	8.090	846	851	861	rVB9	7598	23374	1.23%	0.121%
8	8.190	862	868	873	rBV5	14847	27445	1.45%	0.142%
9	8.460	910	914	917	rBV2	15811	21230	1.12%	0.110%
10	8.513	920	923	930	rVB9	14241	24408	1.29%	0.126%
11	8.596	932	937	939	rBV4	18375	29502	1.55%	0.152%
12	8.930	985	994	997	rBV3	47247	94433	4.97%	0.488%
13	8.977	997	1002	1008	rVV	260683	433060	22.80%	2.236%
14	9.183	1025	1037	1042	rBV9	48929	147964	7.79%	0.764%
15	9.259	1042	1050	1052	rBV3	34323	66740	3.51%	0.345%
16	9.312	1057	1059	1064	rVB5	19556	29449	1.55%	0.152%
17	9.471	1079	1086	1088	rBV7	17906	37995	2.00%	0.196%
18	9.506	1088	1092	1094	rVV2	37975	58066	3.06%	0.300%
19	9.542	1094	1098	1103	rVB5	59378	102568	5.40%	0.530%
20	9.706	1123	1126	1130	rVB5	16696	23023	1.21%	0.119%
21	9.753	1130	1134	1137	rBV3	27934	38358	2.02%	0.198%
22	9.806	1137	1143	1151	rVB5	68479	157941	8.32%	0.816%
23	9.906	1155	1160	1164	rVB6	42281	68126	3.59%	0.352%
24	9.970	1164	1171	1174	rBV6	37691	73029	3.85%	0.377%
25	10.017	1174	1179	1183	rVV4	48421	73879	3.89%	0.382%
26	10.082	1188	1190	1196	rVB4	31509	42583	2.24%	0.220%
27	10.153	1198	1202	1206	rBV5	24415	45870	2.42%	0.237%
28	10.205	1207	1211	1215	rVV5	23990	41352	2.18%	0.214%
29	10.247	1215	1218	1224	rVB3	61706	92561	4.87%	0.478%
30	10.323	1226	1231	1234	rBV3	41364	73354	3.86%	0.379%
31	10.399	1240	1244	1249	rVB5	42376	72150	3.80%	0.373%
32	10.487	1255	1259	1260	rBV4	31589	40173	2.12%	0.207%
33	10.605	1271	1279	1285	rBV2	132387	340070	17.91%	1.756%
34	10.664	1285	1289	1290	rBV2	24392	28925	1.52%	0.149%
35	10.734	1297	1301	1306	rVV4	46933	81078	4.27%	0.419%
36	10.781	1306	1309	1314	rVB	95062	142024	7.48%	0.733%

Sample Results: **BG064493.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100325\
Data File : BG064493.D
Acq On : 3 Oct 2025 18:59
Operator : RC/JU
Sample : Q3273-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW1

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_G\Methods\8270-BG100225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.840	1314	1319	1327	rBV7	46359	110414	5.81%	0.570%
38	10.910	1329	1331	1335	rVB4	31151	35404	1.86%	0.183%
39	11.028	1346	1351	1356	rBV7	59293	125142	6.59%	0.646%
40	11.110	1362	1365	1369	rVB4	67533	89948	4.74%	0.464%
41	11.193	1374	1379	1383	rVV4	73911	122671	6.46%	0.633%
42	11.234	1383	1386	1389	rVV5	26390	36194	1.91%	0.187%
43	11.316	1390	1400	1408	rVV5	80482	294385	15.50%	1.520%
44	11.386	1408	1412	1417	rVB4	54886	98153	5.17%	0.507%
45	11.463	1420	1425	1430	rVV7	67843	134139	7.06%	0.693%
46	11.527	1430	1436	1444	rVB5	73278	179981	9.48%	0.929%
47	11.651	1451	1457	1465	rBV2	222993	520961	27.43%	2.690%
48	11.804	1479	1483	1487	rBV3	81723	124171	6.54%	0.641%
49	11.903	1497	1500	1504	rVB4	54243	73969	3.89%	0.382%
50	12.409	1583	1586	1590	rBV4	45893	59591	3.14%	0.308%
51	12.526	1602	1606	1612	rVB3	168838	258535	13.61%	1.335%
52	12.955	1674	1679	1682	rBV6	82116	178853	9.42%	0.924%
53	13.002	1683	1687	1692	rVB	464058	649169	34.18%	3.352%
54	13.079	1694	1700	1705	rVB	742657	1110122	58.45%	5.733%
55	13.243	1725	1728	1730	rBV3	103230	132972	7.00%	0.687%
56	13.396	1749	1754	1760	rVV4	193183	423809	22.32%	2.189%
57	13.449	1761	1763	1768	rVB4	131725	160728	8.46%	0.830%
58	13.731	1808	1811	1813	rBV4	98185	134639	7.09%	0.695%
59	13.883	1833	1837	1840	rVB	186984	243396	12.82%	1.257%
60	13.954	1845	1849	1853	rVV2	482293	641767	33.79%	3.314%
61	14.160	1881	1884	1887	rBV4	109863	163549	8.61%	0.845%
62	14.453	1928	1934	1942	rVB4	253459	602951	31.75%	3.114%
63	14.988	2022	2025	2034	rVB6	271974	474482	24.98%	2.450%
64	15.082	2037	2041	2044	rBV4	187138	333489	17.56%	1.722%
65	15.722	2146	2150	2156	rVB	717501	1094931	57.65%	5.654%
66	15.946	2183	2188	2195	rVB3	696936	1158897	61.02%	5.985%
67	16.204	2228	2232	2243	rVB	1163831	1899152	100.00%	9.807%
68	17.021	2367	2371	2379	rVB	930979	1628576	85.75%	8.410%
69	19.812	2842	2846	2852	rVB	1344246	1707441	89.91%	8.817%
70	21.087	3061	3063	3075	rVB7	77829	148237	7.81%	0.766%
71	21.416	3114	3119	3127	rVB	241586	405107	21.33%	2.092%
72	22.785	3350	3352	3358	rVB7	17330	24511	1.29%	0.127%
73	22.985	3382	3386	3389	rVB5	23965	33776	1.78%	0.174%
74	24.389	3615	3625	3635	rVB	148355	392807	20.68%	2.028%

Sum of corrected areas: 19364543

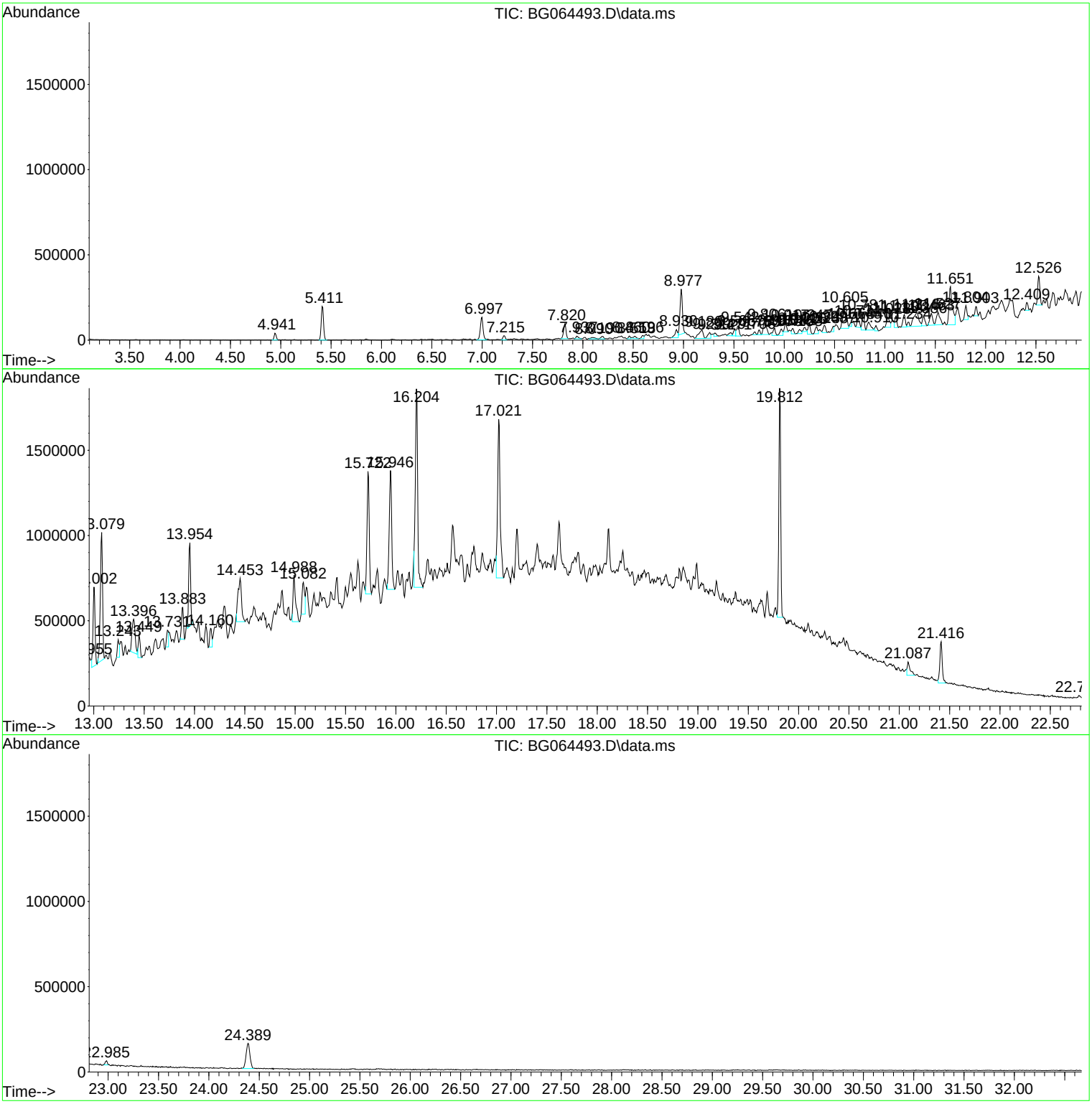
Sample Results: **BG064493.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100325\
Data File : BG064493.D
Acq On : 3 Oct 2025 18:59
Operator : RC/JU
Sample : Q3273-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Data File : BG064493.D
Acq On : 3 Oct 2025 18:59
Operator : RC/JU
Sample : Q3273-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW1

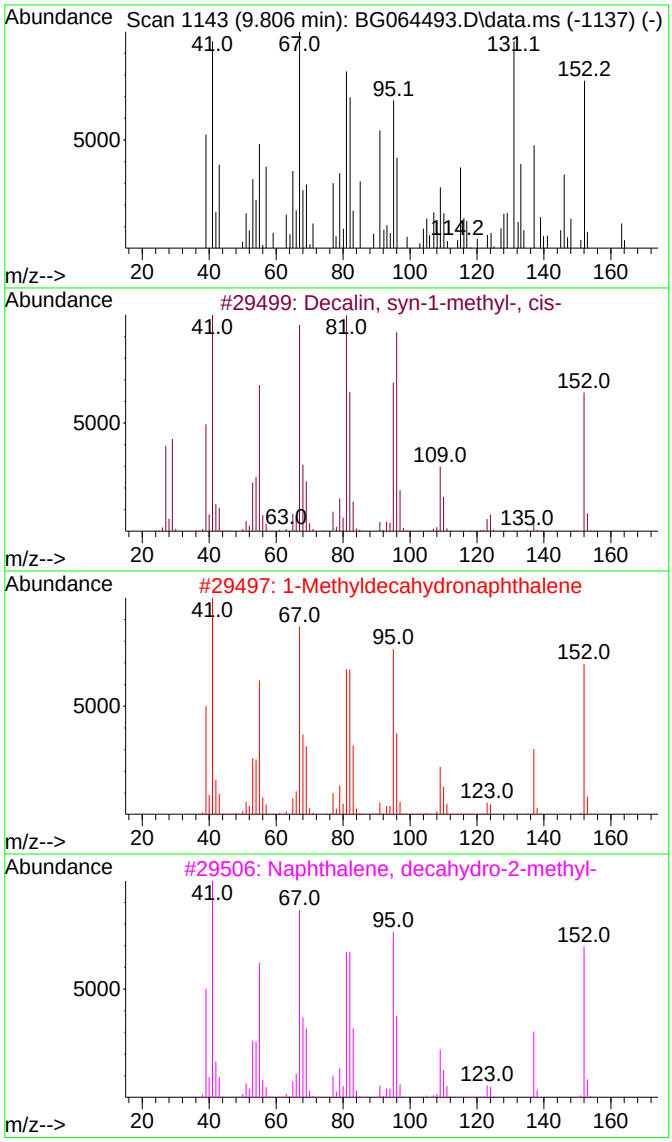
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

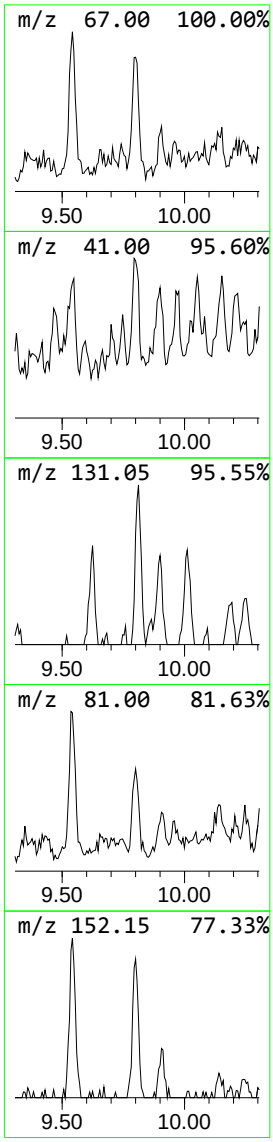
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Decalin, syn-1-methyl-, cis- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.806	9.29 ng	157941	Naphthalene-d8	10.611

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decalin, syn-1-methyl-, cis-	152	C11H20	1000158-89-1	87
2	1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	86
3	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	86
4	trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	55
5	1,3,3-Trimethylcyclohex-1-ene-4-...	152	C10H16O	127128-60-3	50





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Data File : BG064493.D
Acq On : 3 Oct 2025 18:59
Operator : RC/JU
Sample : Q3273-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

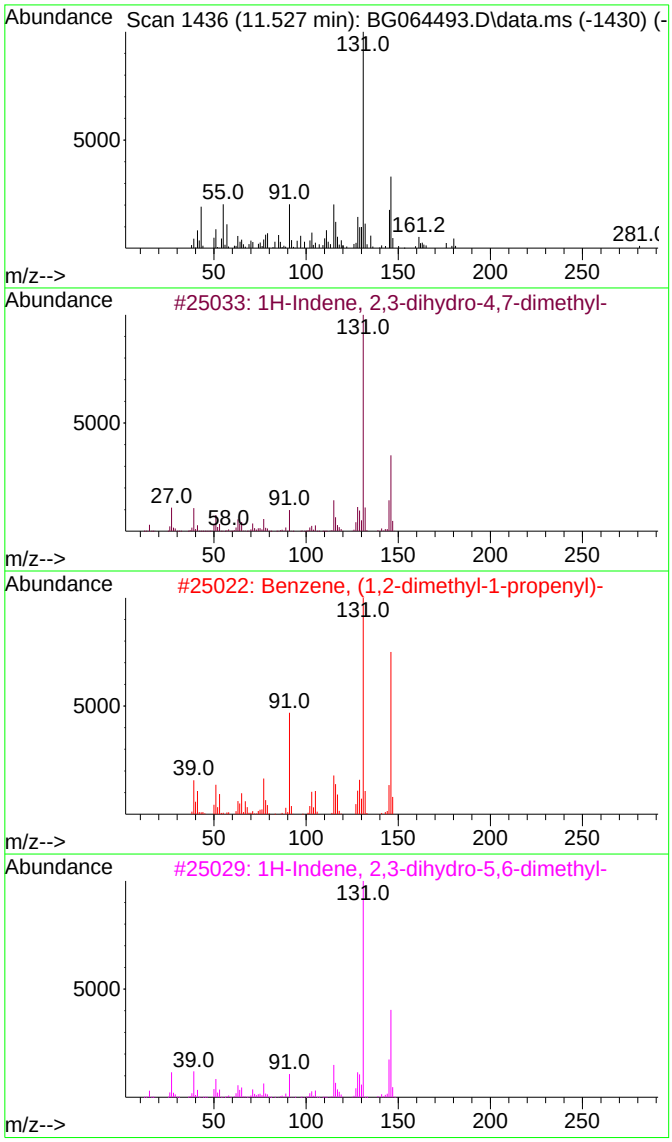
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

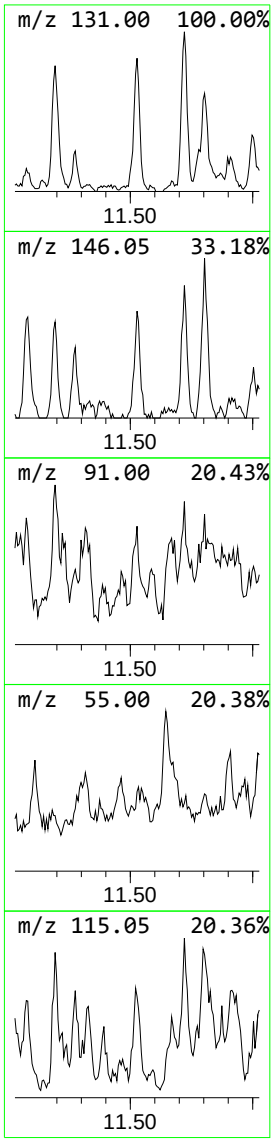
****

Peak Number 8 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.527	10.58 ng	179981	Naphthalene-d8	10.611

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	90
2	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	90
3	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	90
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	90
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	87





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Data File : BG064493.D
Acq On : 3 Oct 2025 18:59
Operator : RC/JU
Sample : Q3273-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW1

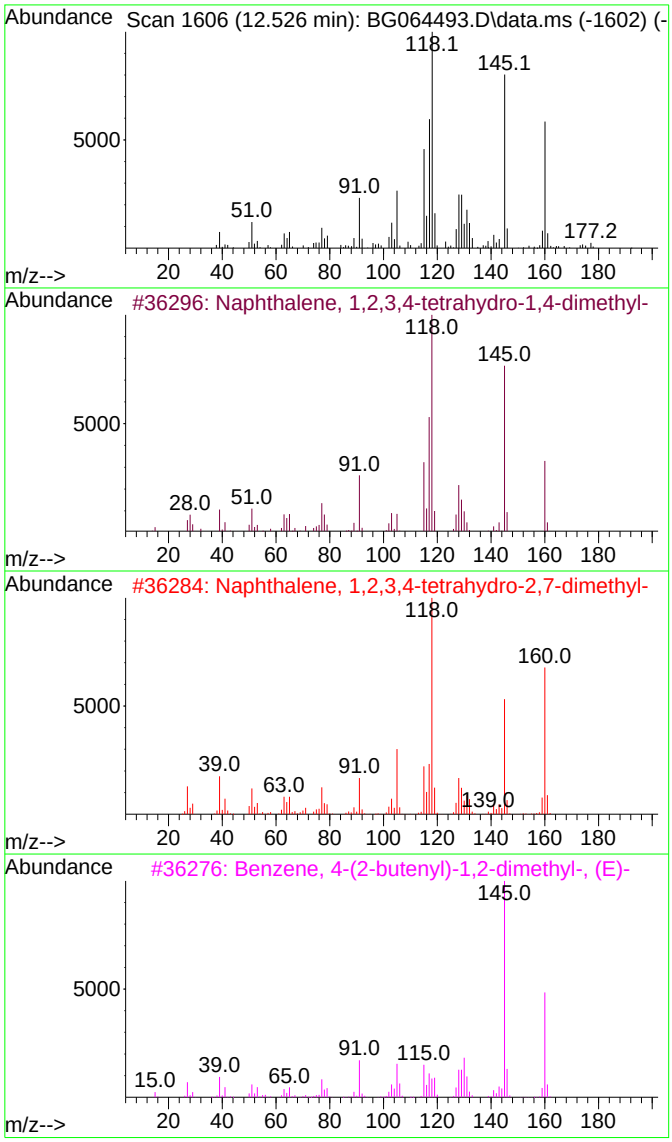
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

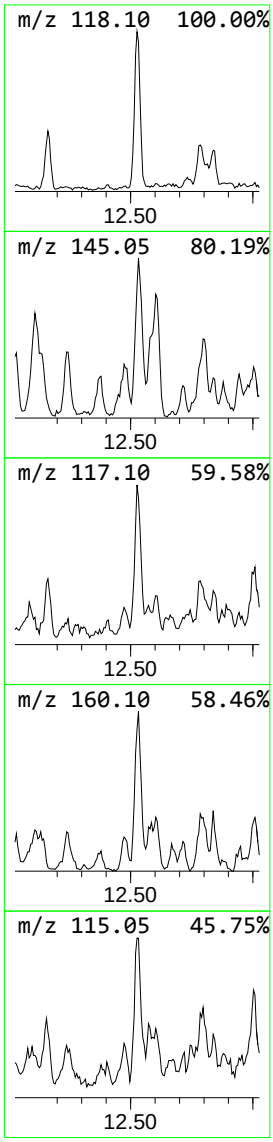
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.526	15.20 ng	258535	Naphthalene-d8	10.611

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	95
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	81
3	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	78
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	76
5	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	55





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100325\
Data File : BG064493.D
Acq On : 3 Oct 2025 18:59
Operator : RC/JU
Sample : Q3273-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW1

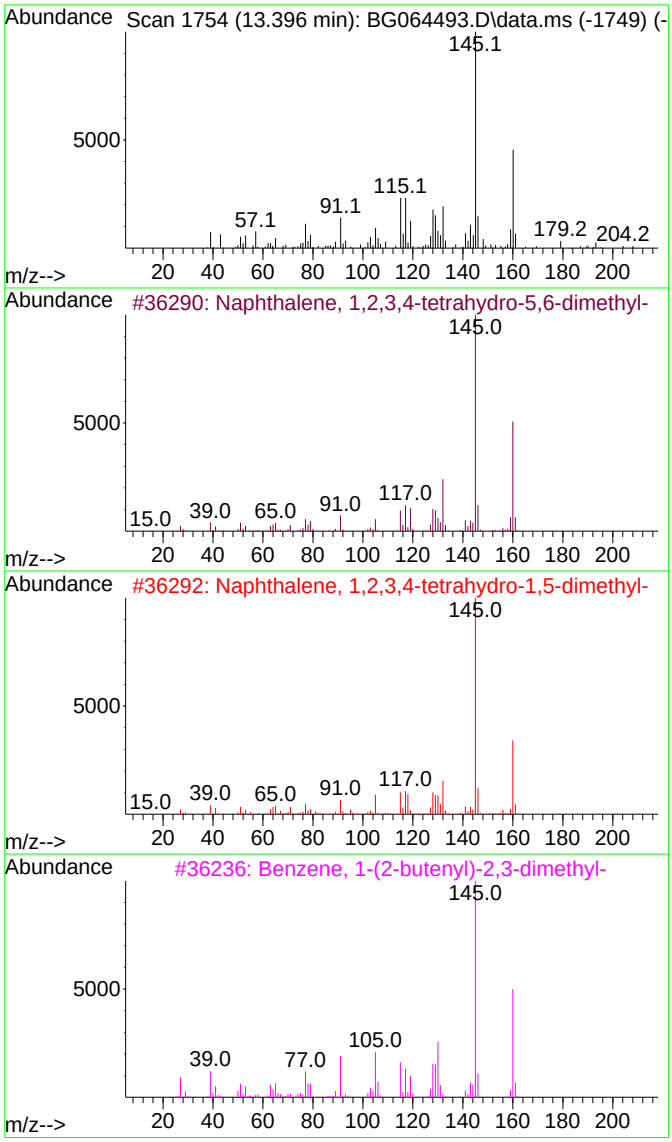
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

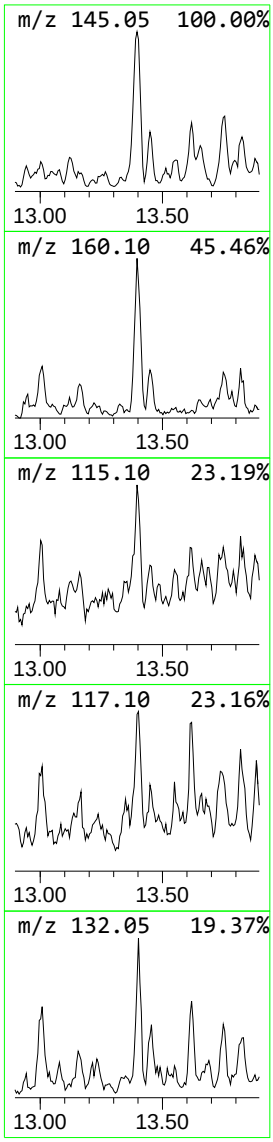
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.396	14.06 ng	423809	Acenaphthene-d10	14.459

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	93
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	93
3	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	89
4	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	86
5	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100325\
Data File : BG064493.D
Acq On : 3 Oct 2025 18:59
Operator : RC/JU
Sample : Q3273-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

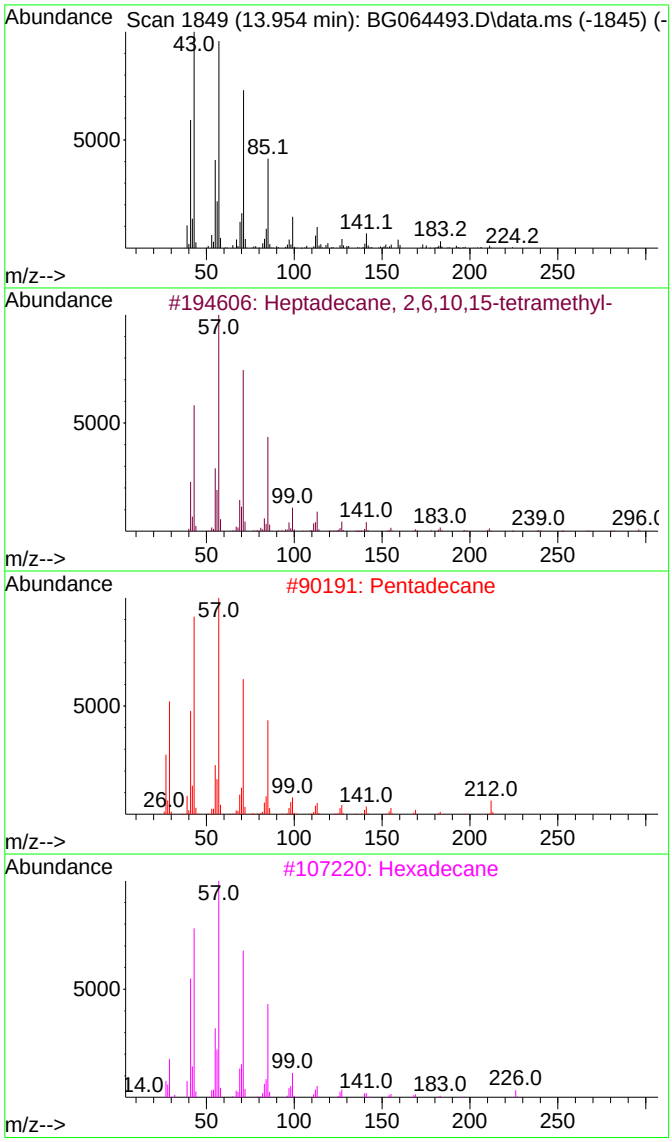
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

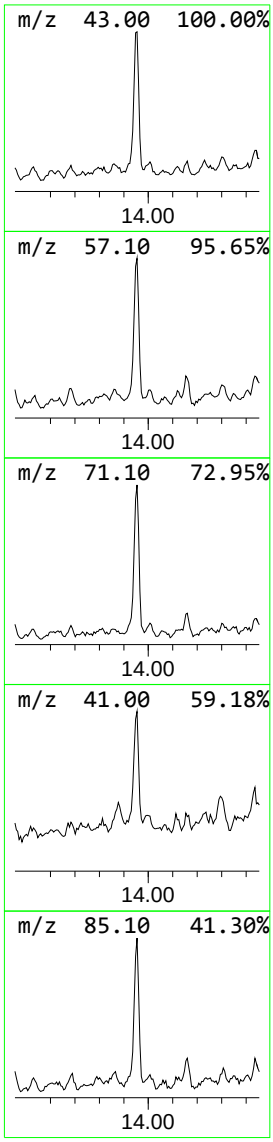
****

Peak Number 14 Heptadecane, 2,6,10,15-tetr... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.954	21.29 ng	641767	Acenaphthene-d10	14.459

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
2	Pentadecane	212	C15H32	000629-62-9	90
3	Hexadecane	226	C16H34	000544-76-3	87
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100325\
Data File : BG064493.D
Acq On : 3 Oct 2025 18:59
Operator : RC/JU
Sample : Q3273-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW1

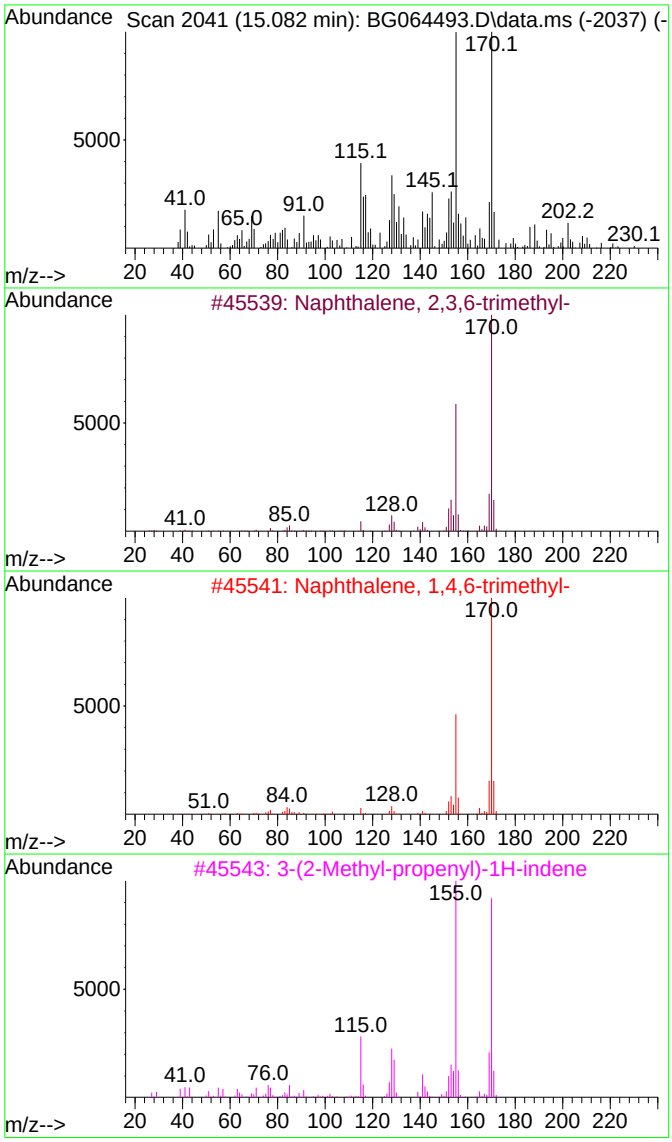
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

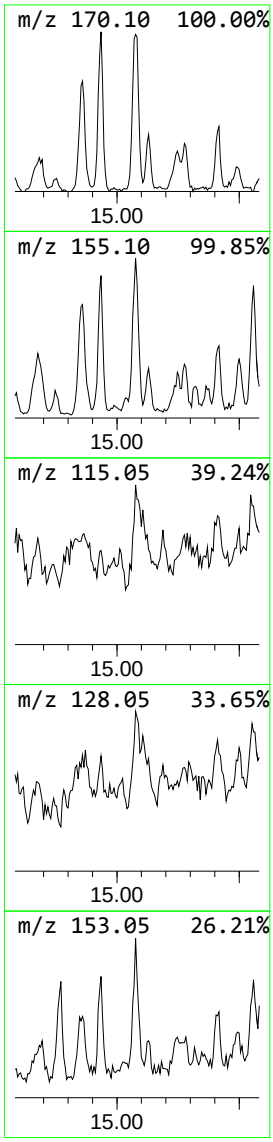
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Naphthalene, 2,3,6-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.082	11.06 ng	333489	Acenaphthene-d10	14.459

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	93
3	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	93
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	86





Sample Results: **BG064493.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100325\
Data File : BG064493.D
Acq On : 3 Oct 2025 18:59
Operator : RC/JU
Sample : Q3273-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

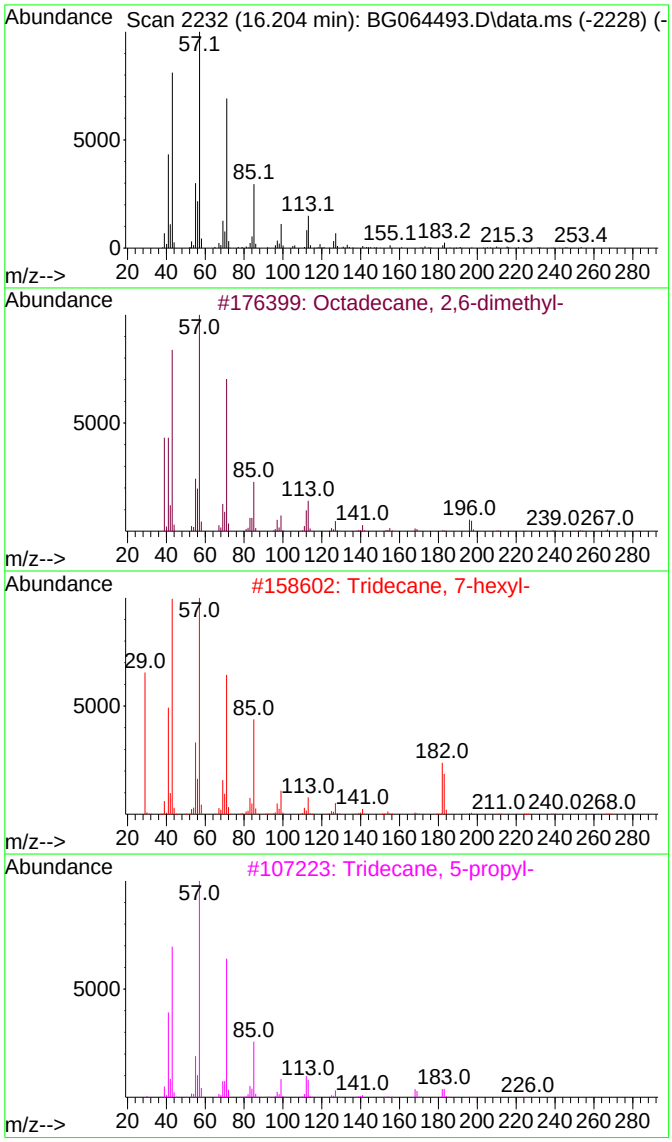
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

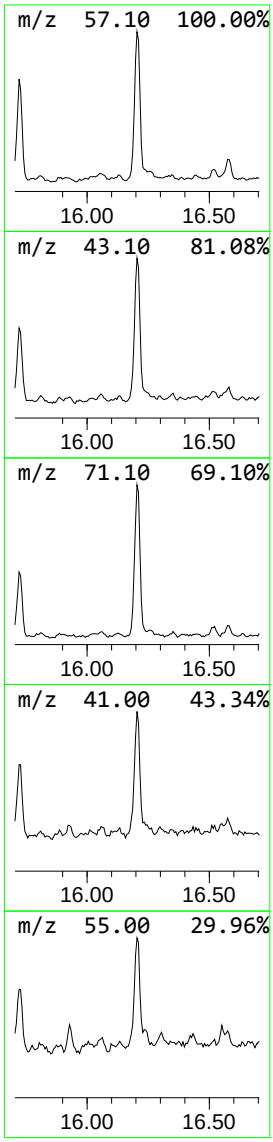
****

Peak Number 18 Octadecane, 2,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.204	23.32 ng	1899150	Phenanthrene-d10	17.197

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	90
2	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	81
3	Tridecane, 5-propyl-	226	C16H34	055045-11-9	80
4	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	80
5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	80





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Acq On : 3 Oct 2025 18:59
Operator : RC/JU
Sample : Q3273-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW1

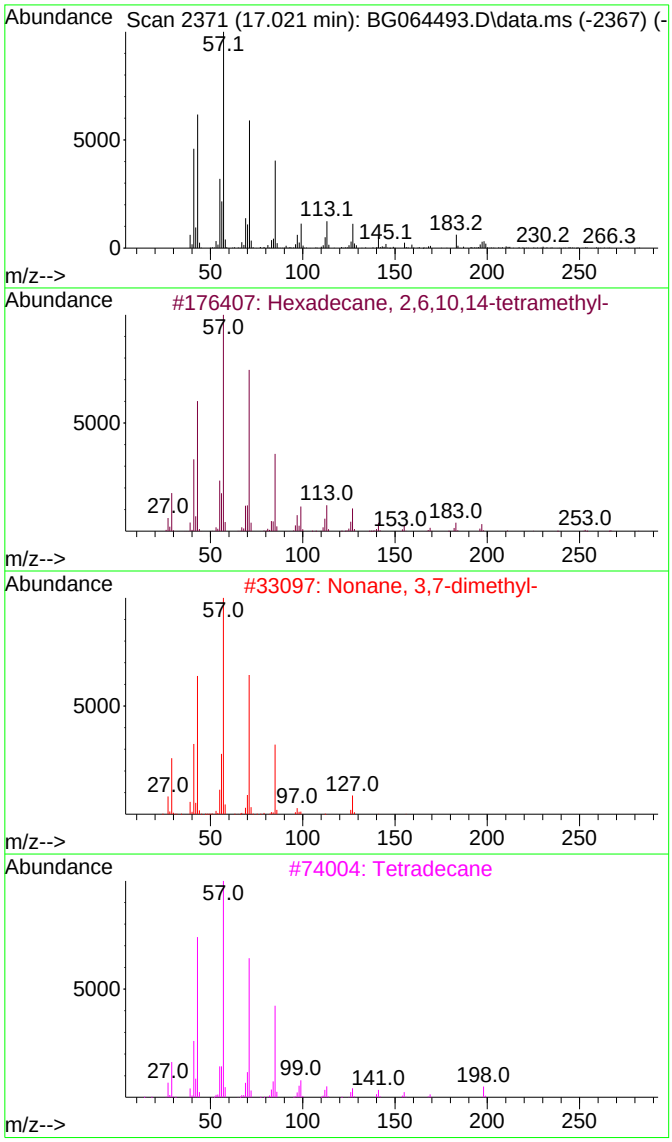
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

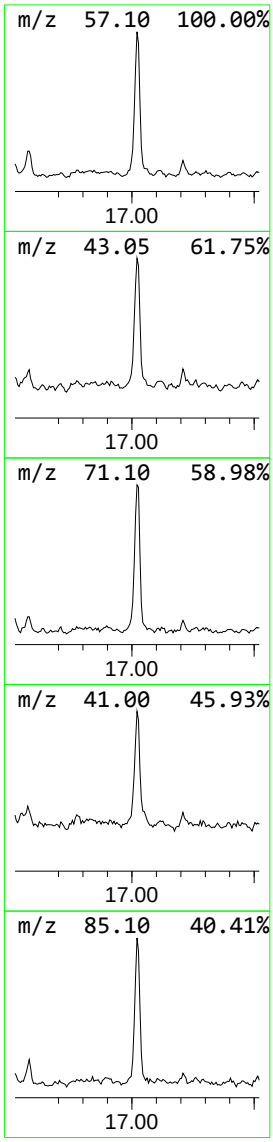
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Hexadecane, 2,6,10,14-tetra... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.021	20.00 ng	1628580	Phenanthrene-d10	17.197

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	96
2	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	87
3	Tetradecane	198	C14H30	000629-59-4	87
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100325\
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Acq On : 3 Oct 2025 18:59
Operator : RC/JU
Sample : Q3273-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

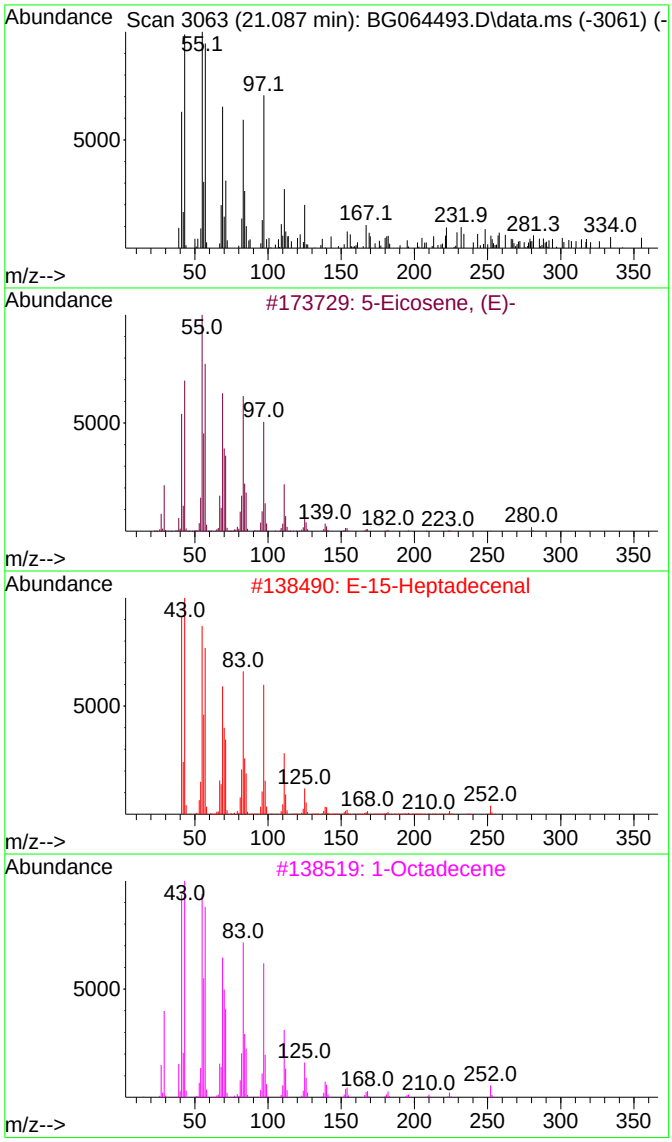
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

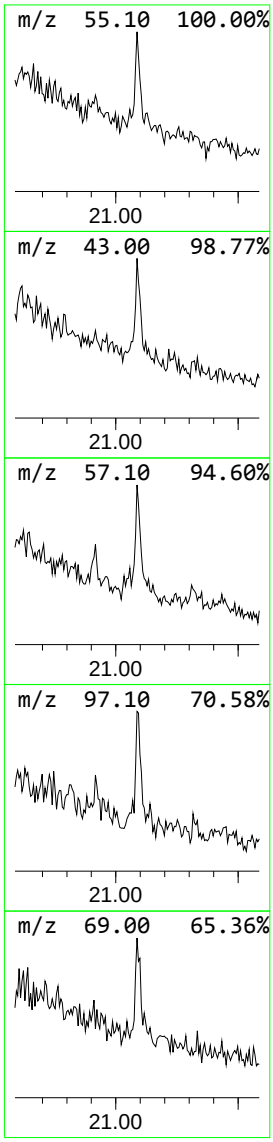
****

Peak Number 20 5-Eicosene, (E)- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.087	7.32 ng	148237	Chrysene-d12	21.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	86
2	E-15-Heptadecenal	252	C17H32O	1000130-97-9	76
3	1-Octadecene	252	C18H36	000112-88-9	76
4	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	74
5	1-Nonadecene	266	C19H38	018435-45-5	72





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Data File : BG064493.D
Acq On : 3 Oct 2025 18:59
Operator : RC/JU
Sample : Q3273-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.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
Decalin, syn-1-...	9.806	9.3	ng	157941	2	10.611	340070	20.0
1H-Indene, 2,3-...	11.527	10.6	ng	179981	2	10.611	340070	20.0
Naphthalene, 1,...	12.526	15.2	ng	258535	2	10.611	340070	20.0
Naphthalene, 1,...	13.396	14.1	ng	423809	3	14.459	602951	20.0
Heptadecane, 2,...	13.954	21.3	ng	641767	3	14.459	602951	20.0
Naphthalene, 2,...	15.082	11.1	ng	333489	3	14.459	602951	20.0
Octadecane, 2,6...	16.204	23.3	ng	1899150	4	17.197	1628580	20.0
Hexadecane, 2,6...	17.021	20.0	ng	1628580	4	17.197	1628580	20.0
5-Eicosene, (E)-	21.087	7.3	ng	148237	5	21.416	405107	20.0

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100325\
Data File : BG064488.D
Acq On : 3 Oct 2025 15:35
Operator : RC/JU
Sample : PB169973BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB169973BL

Quant Time: Oct 03 16:20:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 02 16:40:42 2025
Response via : Initial Calibration

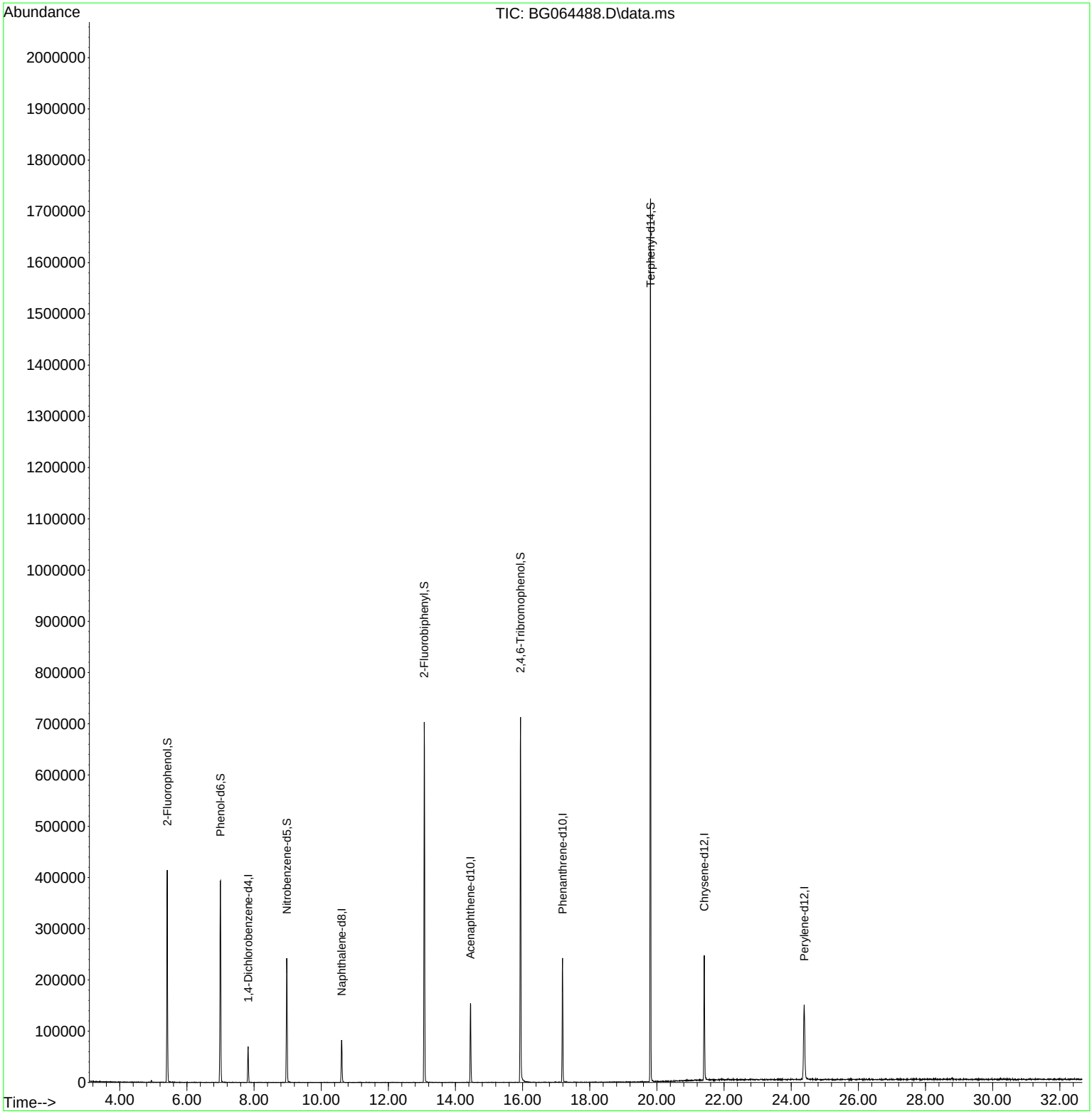
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.824	152	16965	20.000	ng	0.00
21) Naphthalene-d8	10.609	136	71465	20.000	ng	# 0.00
39) Acenaphthene-d10	14.446	164	57081	20.000	ng	0.00
64) Phenanthrene-d10	17.189	188	145353	20.000	ng	# 0.00
76) Chrysene-d12	21.408	240	149348	20.000	ng	0.00
86) Perylene-d12	24.387	264	157878	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.415	112	148699	162.213	ng	0.00
7) Phenol-d6	7.001	99	185155	150.303	ng	0.02
23) Nitrobenzene-d5	8.976	82	124977	94.032	ng	0.00
42) 2,4,6-Tribromophenol	15.938	330	142586	137.808	ng	0.00
45) 2-Fluorobiphenyl	13.071	172	351343	90.727	ng	0.00
79) Terphenyl-d14	19.810	244	779476	98.773	ng	0.00
Target Compounds						Qvalue

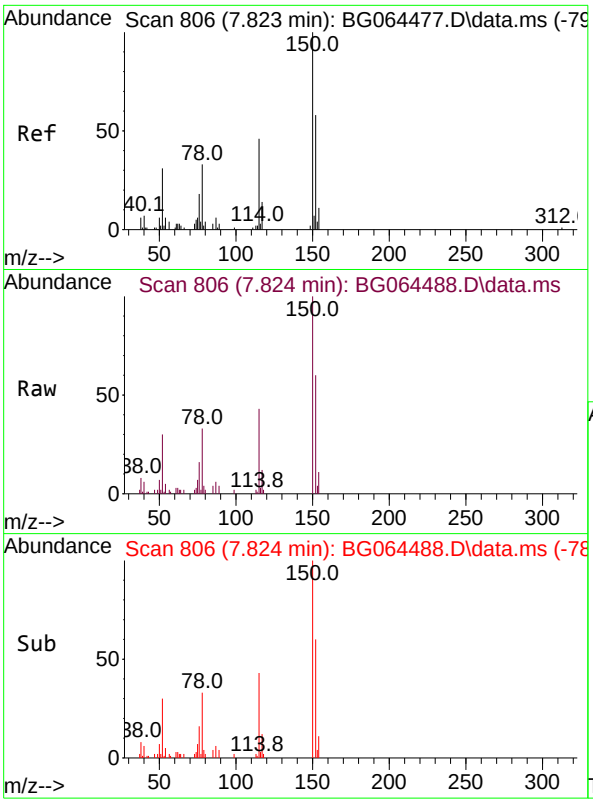
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100325\
Data File : BG064488.D
Acq On : 3 Oct 2025 15:35
Operator : RC/JU
Sample : PB169973BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB169973BL

Quant Time: Oct 03 16:20:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 02 16:40:42 2025
Response via : Initial Calibration



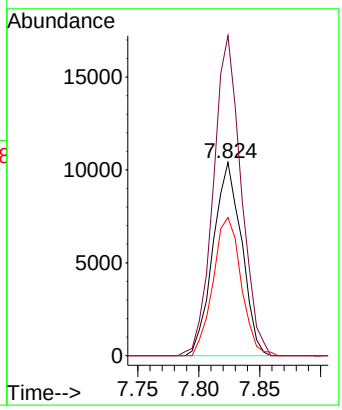


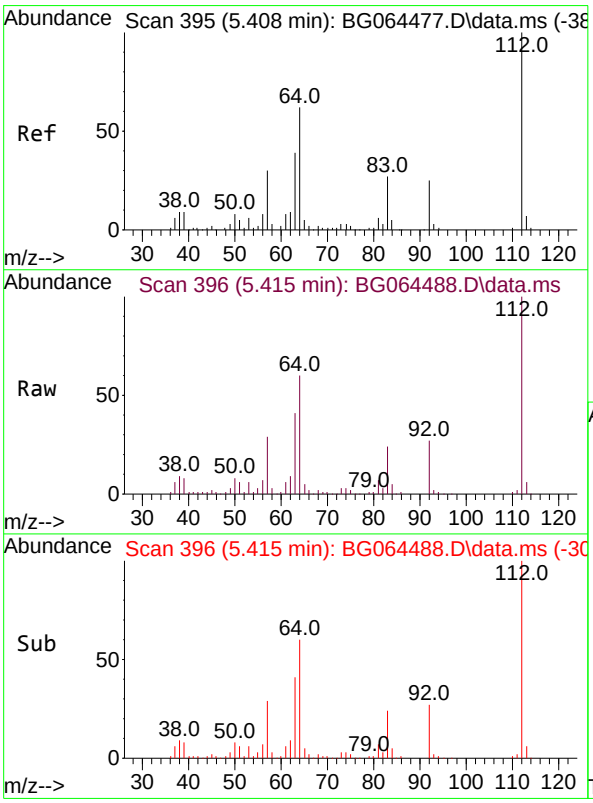
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.824 min Scan# 80
Delta R.T. 0.004 min
Lab File: BG064488.D
Acq: 3 Oct 2025 15:35

Instrument :
BNA_G
ClientSampleId :
PB169973BL

Tgt Ion:152 Resp: 16965

Ion	Ratio	Lower	Upper
152	100		
150	165.7	138.6	207.8
115	71.5	63.4	95.2

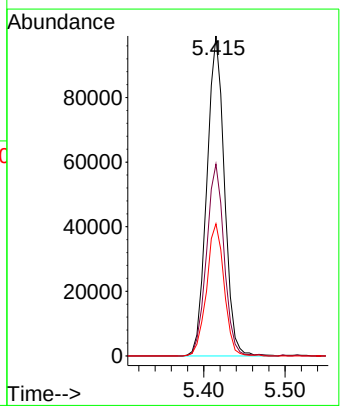


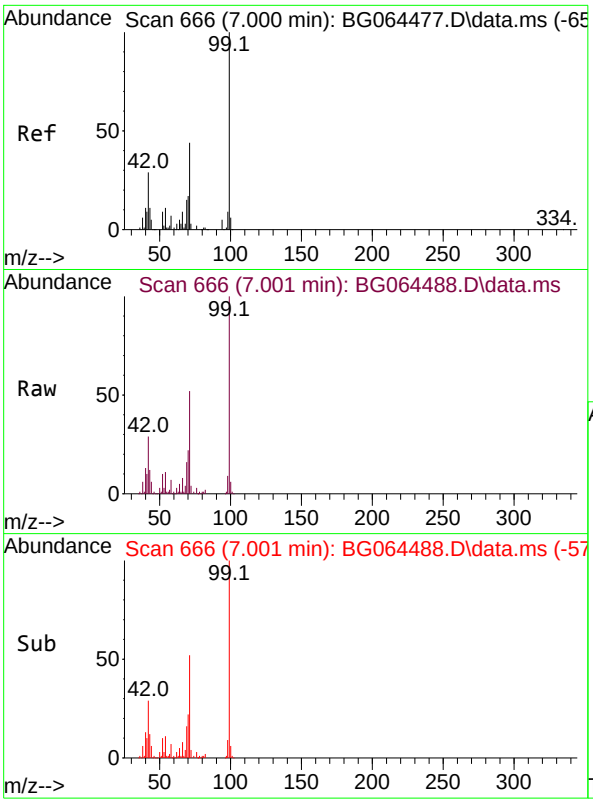


#5
2-Fluorophenol
Concen: 162.213 ng
RT: 5.415 min Scan# 396
Delta R.T. 0.009 min
Lab File: BG064488.D
Acq: 3 Oct 2025 15:35

Tgt Ion:112 Resp: 148699

Ion	Ratio	Lower	Upper
112	100		
64	59.9	49.8	74.8
63	41.3	31.3	46.9



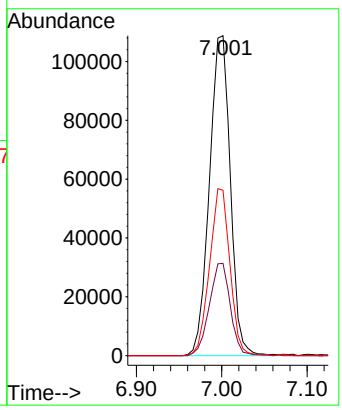


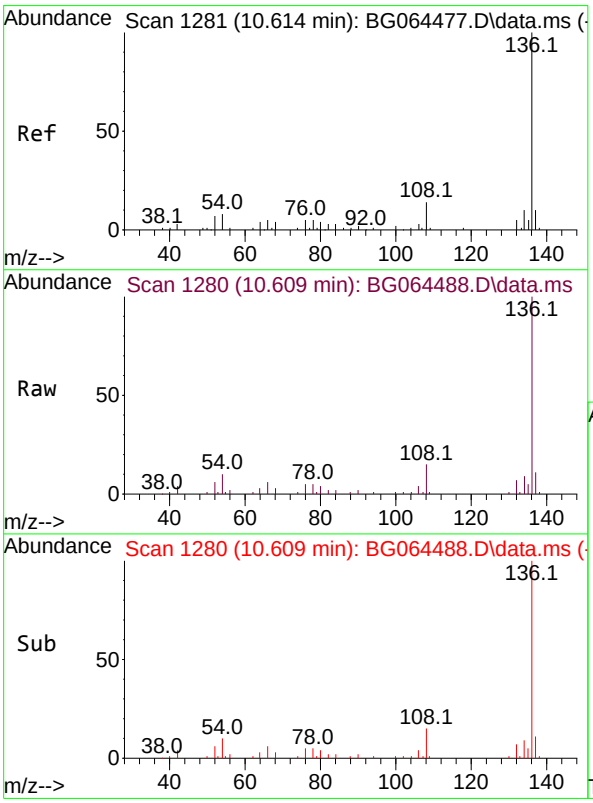
#7
Phenol-d6
Concen: 150.303 ng
RT: 7.001 min Scan# 6
Delta R.T. 0.015 min
Lab File: BG064488.D
Acq: 3 Oct 2025 15:35

Instrument :
BNA_G
ClientSampleId :
PB169973BL

Tgt Ion: 99 Resp: 185155

Ion	Ratio	Lower	Upper
99	100		
42	28.8	22.9	34.3
71	51.7	35.4	53.2

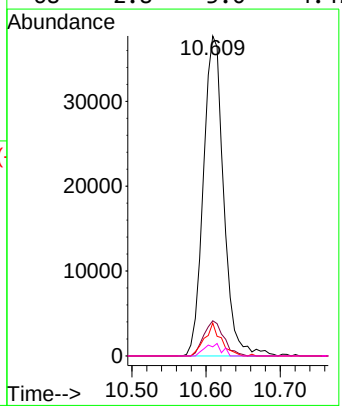


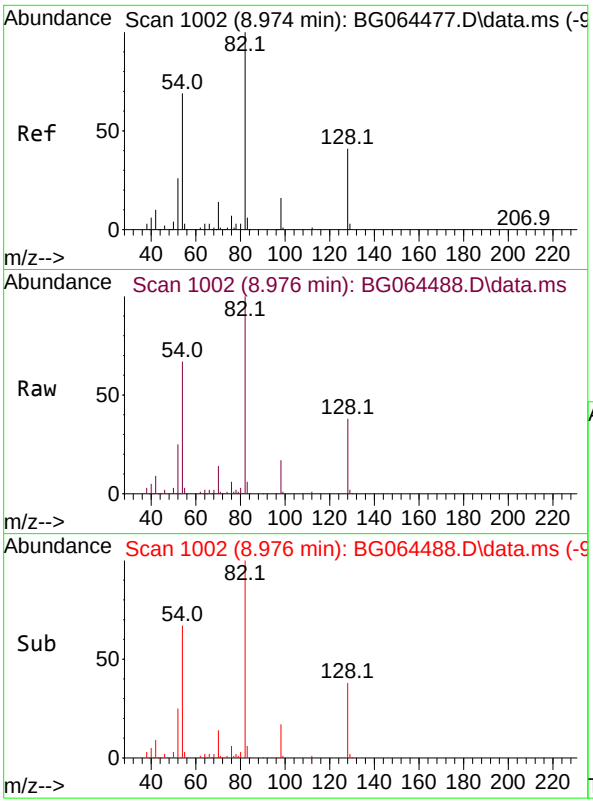


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.609 min Scan# 1280
Delta R.T. 0.003 min
Lab File: BG064488.D
Acq: 3 Oct 2025 15:35

Tgt Ion:136 Resp: 71465

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.3	12.5
54	10.3	6.2	9.4#
68	2.8	3.0	4.4#



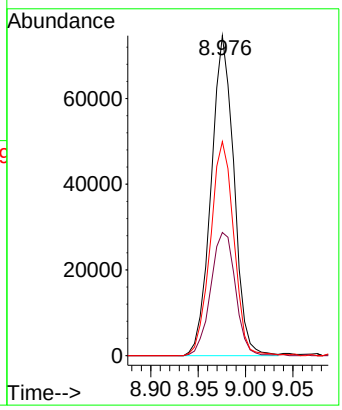


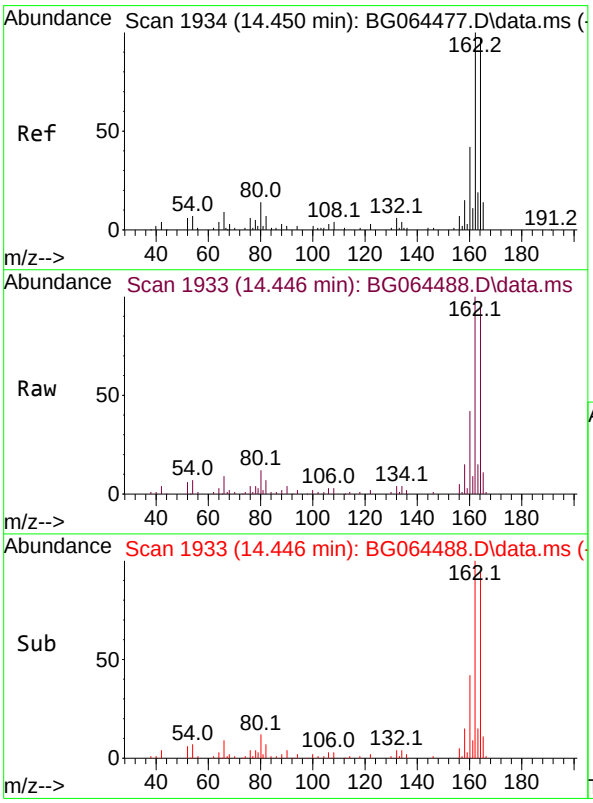
#23
Nitrobenzene-d5
Concen: 94.032 ng
RT: 8.976 min Scan# 10
Delta R.T. 0.009 min
Lab File: BG064488.D
Acq: 3 Oct 2025 15:35

Instrument :
BNA_G
ClientSampleId :
PB169973BL

Tgt Ion: 82 Resp: 124977

Ion	Ratio	Lower	Upper
82	100		
128	38.5	33.1	49.7
54	66.9	55.4	83.2

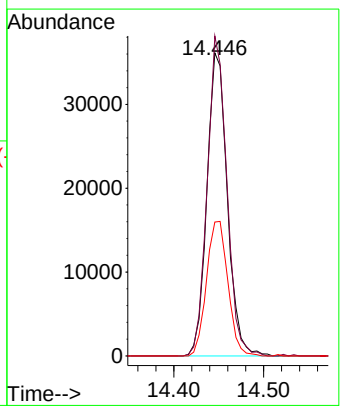


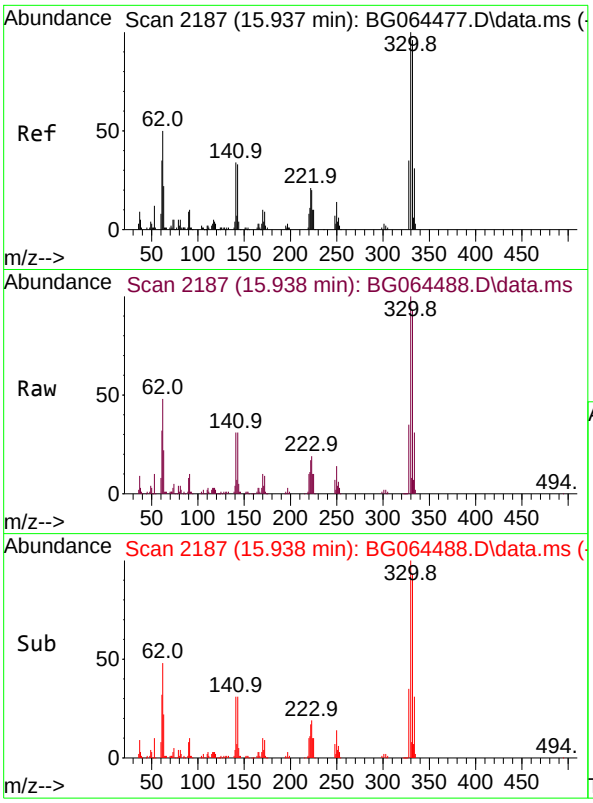


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.446 min Scan# 1933
Delta R.T. -0.002 min
Lab File: BG064488.D
Acq: 3 Oct 2025 15:35

Tgt Ion:164 Resp: 57081

Ion	Ratio	Lower	Upper
164	100		
162	105.6	82.2	123.2
160	44.2	34.3	51.5



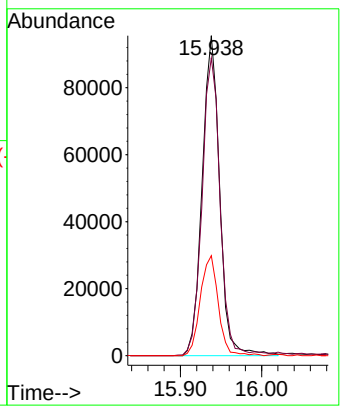


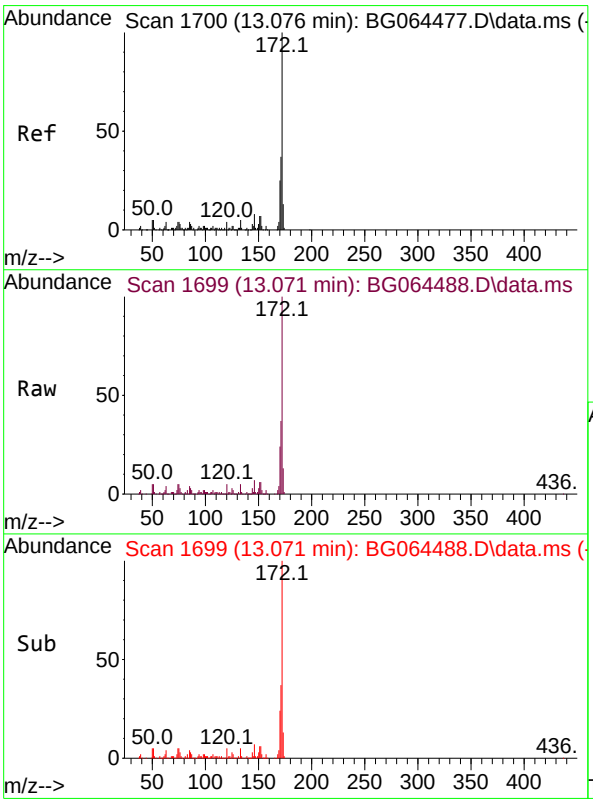
#42
2,4,6-Tribromophenol
Concen: 137.808 ng
RT: 15.938 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG064488.D
Acq: 3 Oct 2025 15:35

Instrument :
BNA_G
ClientSampleId :
PB169973BL

Tgt Ion:330 Resp: 142586

Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.4	116.0
141	32.0	25.8	38.6

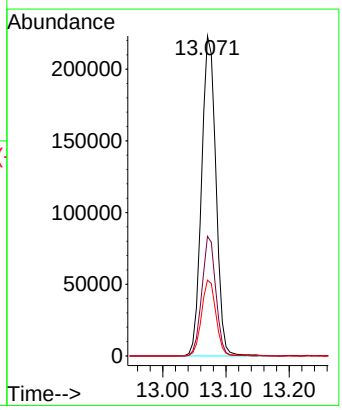


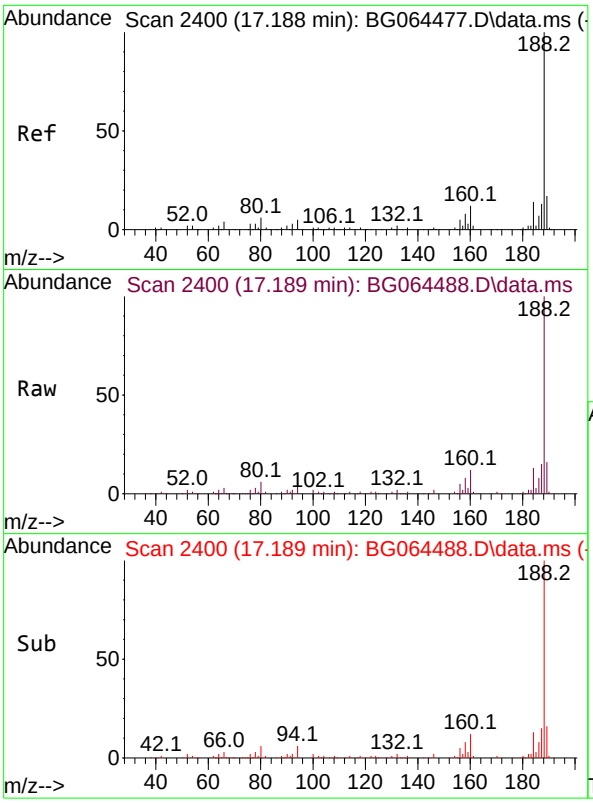


#45
2-Fluorobiphenyl
Concen: 90.727 ng
RT: 13.071 min Scan# 1699
Delta R.T. 0.003 min
Lab File: BG064488.D
Acq: 3 Oct 2025 15:35

Tgt Ion:172 Resp: 351343

Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.6	44.4
170	23.7	20.2	30.2



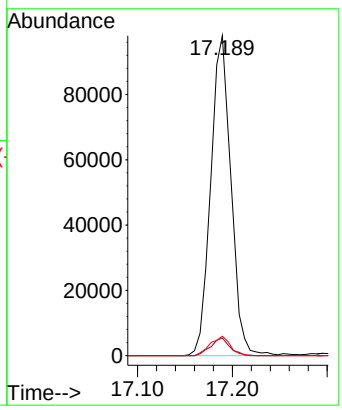


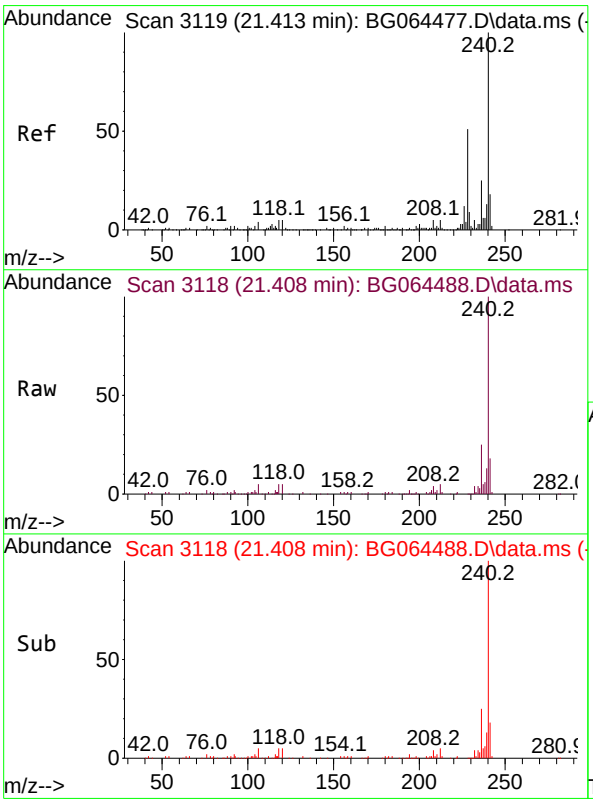
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.189 min Scan# 24
Delta R.T. 0.003 min
Lab File: BG064488.D
Acq: 3 Oct 2025 15:35

Instrument :
BNA_G
ClientSampleId :
PB169973BL

Tgt Ion:188 Resp: 145353

Ion	Ratio	Lower	Upper
188	100		
94	5.5	3.7	5.5#
80	6.1	4.5	6.7

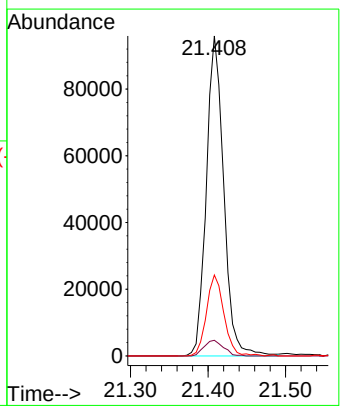


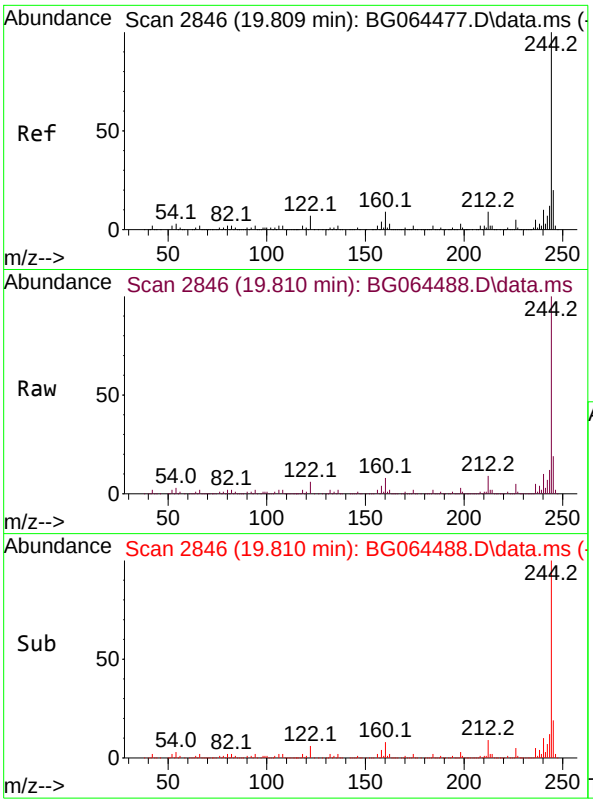


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.408 min Scan# 3118
Delta R.T. -0.002 min
Lab File: BG064488.D
Acq: 3 Oct 2025 15:35

Tgt Ion:240 Resp: 149348

Ion	Ratio	Lower	Upper
240	100		
120	4.9	4.3	6.5
236	25.3	20.4	30.6



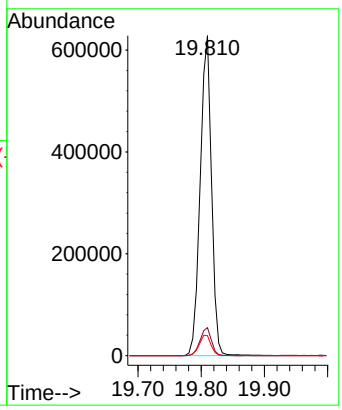


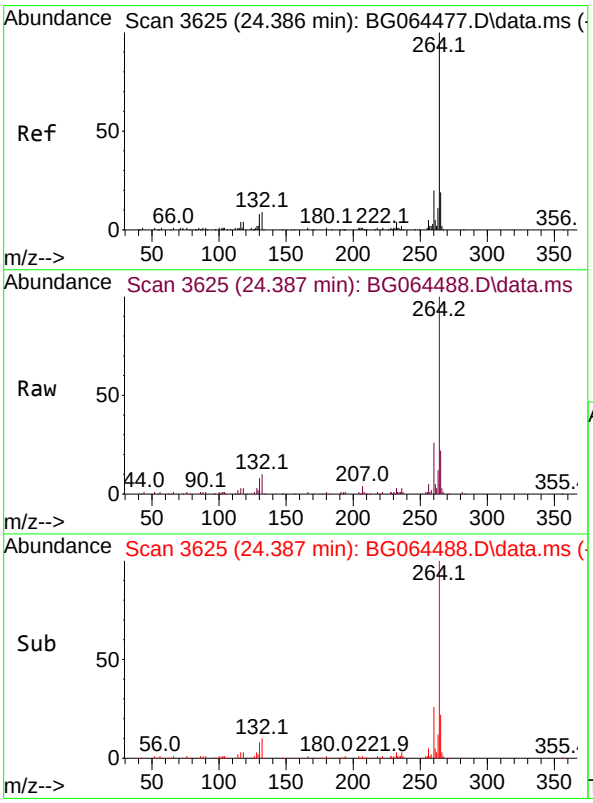
#79
Terphenyl-d14
Concen: 98.773 ng
RT: 19.810 min Scan# 2
Delta R.T. 0.003 min
Lab File: BG064488.D
Acq: 3 Oct 2025 15:35

Instrument :
BNA_G
ClientSampleId :
PB169973BL

Tgt Ion:244 Resp: 779476

Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.0	10.6
122	6.2	5.6	8.4

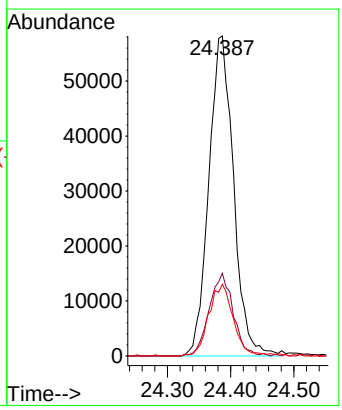




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.387 min Scan# 3625
Delta R.T. -0.002 min
Lab File: BG064488.D
Acq: 3 Oct 2025 15:35

Tgt Ion:264 Resp: 157878

Ion	Ratio	Lower	Upper
264	100		
260	25.8	16.2	24.4#
265	22.4	15.0	22.4



Sample Results: **BG064488.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100325\
Data File : BG064488.D
Acq On : 3 Oct 2025 15:35
Operator : RC/JU
Sample : PB169973BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB169973BL

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_G\Methods\8270-BG100225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG064488.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.415	389	396	404	rBV	414112	622304	28.61%	8.093%
2	7.001	658	666	673	rBV	393647	667108	30.67%	8.676%
3	7.824	799	806	813	rBB	69950	113447	5.22%	1.475%
4	8.976	993	1002	1010	rBV	242448	422134	19.41%	5.490%
5	10.609	1273	1280	1295	rVB	82628	154573	7.11%	2.010%
6	13.071	1693	1699	1712	rBV	702849	1080017	49.65%	14.046%
7	14.446	1927	1933	1944	rBV	154134	244585	11.24%	3.181%
8	15.938	2180	2187	2201	rBV	712709	1087253	49.99%	14.140%
9	17.189	2391	2400	2407	rBV	242464	354840	16.31%	4.615%
10	19.810	2839	2846	2854	rBV	1723358	2175065	100.00%	28.287%
11	21.408	3112	3118	3127	rBV	243946	383387	17.63%	4.986%
12	24.387	3615	3625	3635	rBV2	145265	384523	17.68%	5.001%

Sum of corrected areas: 7689236

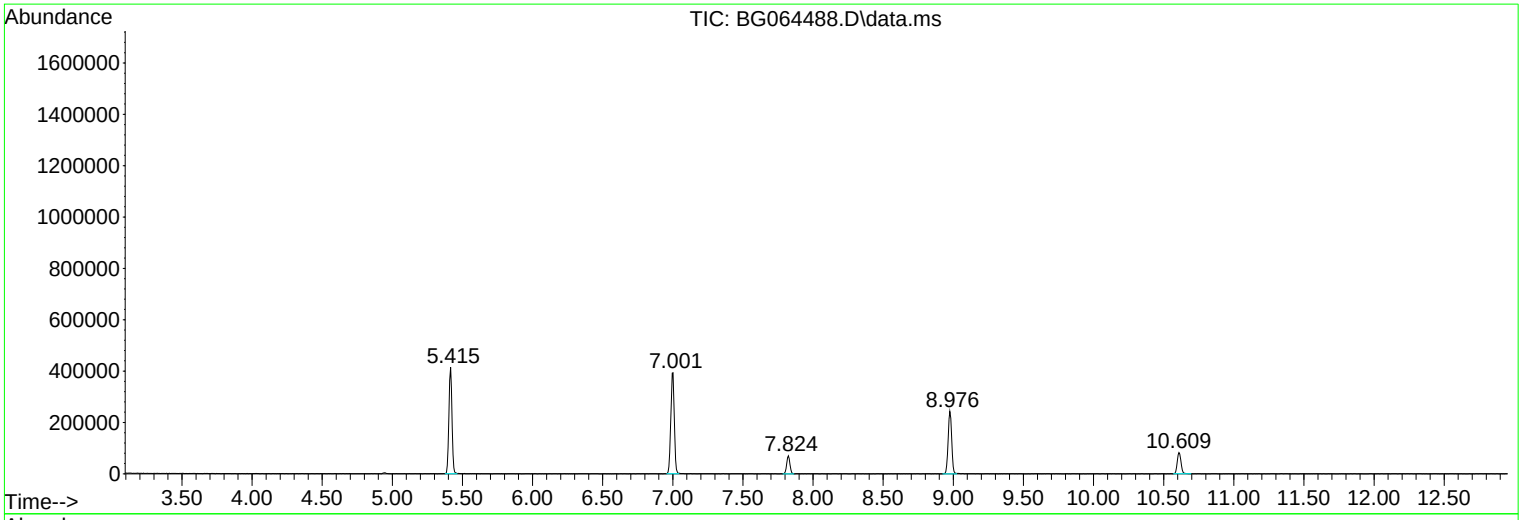
Sample Results: **BG064488.D**

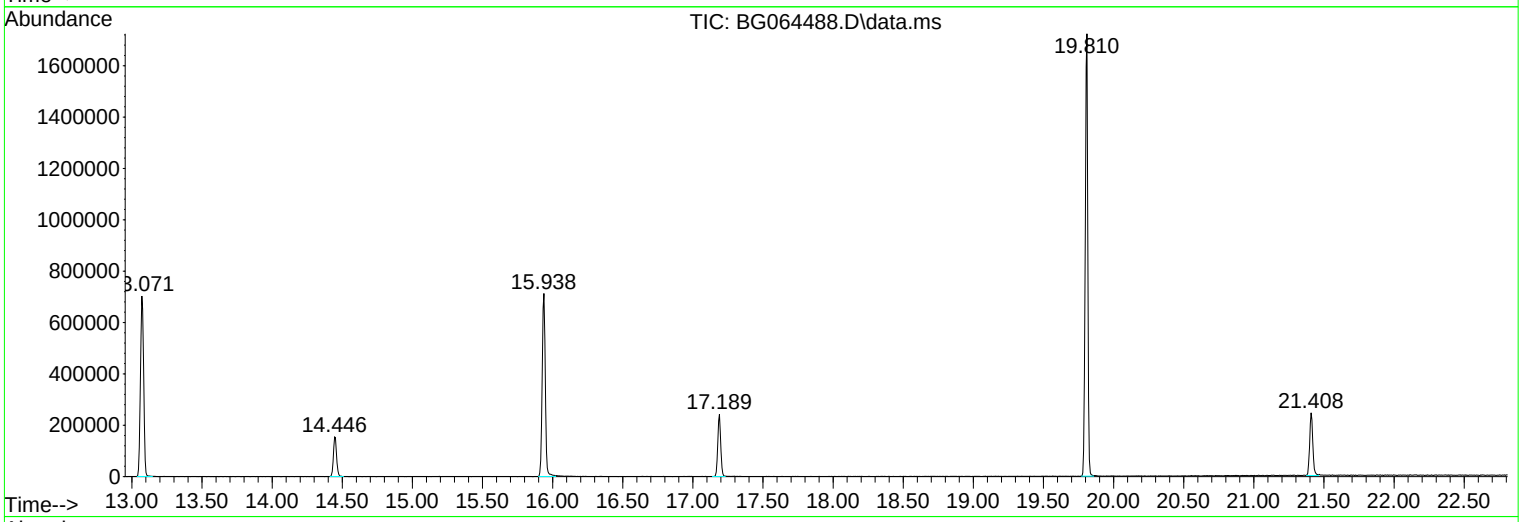
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100325\
Data File : BG064488.D
Acq On : 3 Oct 2025 15:35
Operator : RC/JU
Sample : PB169973BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

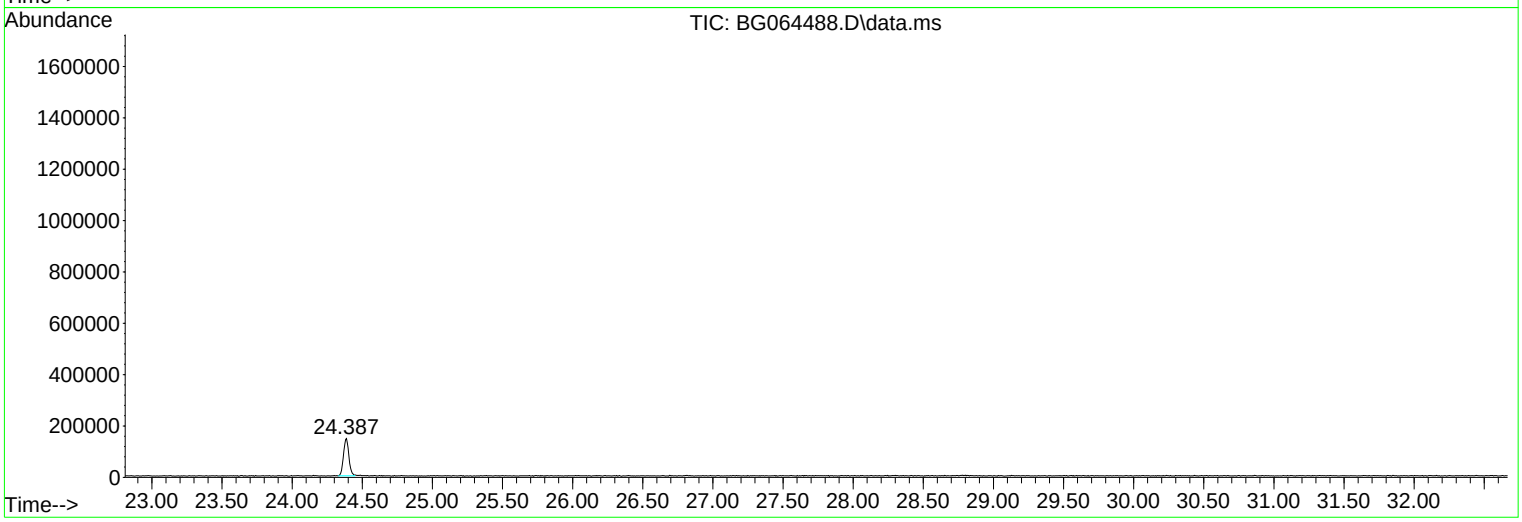
Instrument :
BNA_G
ClientSampleId :
PB169973BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







Library Search Compound Report

Sample Results: **BG064488.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100325\
Data File : BG064488.D
Acq On : 3 Oct 2025 15:35
Operator : RC/JU
Sample : PB169973BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB169973BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

No Library Search Compounds Detected
****

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100325\
Data File : BG064488.D
Acq On : 3 Oct 2025 15:35
Operator : RC/JU
Sample : PB169973BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB169973BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.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

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100325\
Data File : BG064489.D
Acq On : 3 Oct 2025 16:16
Operator : RC/JU
Sample : PB169973BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 03 17:29:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 02 16:40:42 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB169973BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/06/2025
Supervised By :Jagrut Upadhyay 10/06/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.823	152	16264	20.000	ng		# 0.00
21) Naphthalene-d8	10.608	136	69209	20.000	ng		# 0.00
39) Acenaphthene-d10	14.450	164	53762	20.000	ng		0.00
64) Phenanthrene-d10	17.188	188	136086	20.000	ng		0.00
76) Chrysene-d12	21.413	240	136322	20.000	ng		0.00
86) Perylene-d12	24.391	264	146226	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.414	112	138141	157.191	ng		0.00
7) Phenol-d6	7.000	99	180394	152.750	ng		0.01
23) Nitrobenzene-d5	8.980	82	121407	94.324	ng		0.01
42) 2,4,6-Tribromophenol	15.943	330	145062	148.856	ng		0.00
45) 2-Fluorobiphenyl	13.075	172	334812	91.796	ng		0.00
79) Terphenyl-d14	19.809	244	701104	97.331	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.316	88	13173	37.896	ng		93
3) Pyridine	3.710	79	35965	38.498	ng		96
4) n-Nitrosodimethylamine	3.628	42	35975	53.120	ng	#	94
6) Aniline	7.153	93	54677	36.704	ng		95
8) 2-Chlorophenol	7.394	128	55732	51.645	ng		95
9) Benzaldehyde	6.959	77	27733	26.454	ng		97
10) Phenol	7.024	94	66374	53.277	ng		94
11) bis(2-Chloroethyl)ether	7.247	93	41708	49.435	ng		93
12) 1,3-Dichlorobenzene	7.711	146	59993	50.820	ng		93
13) 1,4-Dichlorobenzene	7.858	146	60392	50.973	ng		94
14) 1,2-Dichlorobenzene	8.175	146	60785	52.056	ng		99
15) Benzyl Alcohol	8.064	79	58102	53.422	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.346	45	67381	49.546	ng		97
17) 2-Methylphenol	8.269	107	47294	52.425	ng		98
18) Hexachloroethane	8.904	117	23005	49.193	ng		93
19) n-Nitroso-di-n-propyla...	8.628	70	40266	50.981	ng	#	93
20) 3+4-Methylphenols	8.592	107	67040	53.253	ng		93
22) Acetophenone	8.645	105	95591	57.044	ng	#	98
24) Nitrobenzene	9.021	77	65082	50.705	ng		99
25) Isophorone	9.544	82	112788	48.371	ng		99
26) 2-Nitrophenol	9.726	139	31396	49.147	ng		93
27) 2,4-Dimethylphenol	9.791	122	56577	57.985	ng		89
28) bis(2-Chloroethoxy)met...	10.026	93	59992	50.474	ng		95
29) 2,4-Dichlorophenol	10.261	162	63008	55.844	ng		91
30) 1,2,4-Trichlorobenzene	10.478	180	65847	53.523	ng	#	94
31) Naphthalene	10.661	128	180768	50.722	ng		98
32) Benzoic acid	9.967	122	46416m	61.961	ng		
33) 4-Chloroaniline	10.772	127	25770	18.843	ng	#	91
34) Hexachlorobutadiene	10.954	225	51772	49.138	ng		97
35) Caprolactam	11.542	113	20070m	51.960	ng		
36) 4-Chloro-3-methylphenol	11.900	107	73890	53.851	ng		100
37) 2-Methylnaphthalene	12.270	142	126325	46.176	ng		98
38) 1-Methylnaphthalene	12.494	142	131440	48.184	ng		95
40) 1,2,4,5-Tetrachloroben...	12.641	216	94170	54.249	ng	#	96
41) Hexachlorocyclopentadiene	12.623	237	132704	146.146	ng		94
43) 2,4,6-Trichlorophenol	12.881	196	59397	53.526	ng		96

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100325\
Data File : BG064489.D
Acq On : 3 Oct 2025 16:16
Operator : RC/JU
Sample : PB169973BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 03 17:29:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 02 16:40:42 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB169973BS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 10/06/2025
Supervised By :Jagrut Upadhyay 10/06/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.952	196	67385	54.393	ng		96
46) 1,1'-Biphenyl	13.287	154	218091	56.402	ng		98
47) 2-Chloronaphthalene	13.322	162	144673	50.112	ng		98
48) 2-Nitroaniline	13.528	65	52229	53.007	ng		91
49) Acenaphthylene	14.174	152	248338	57.947	ng		99
50) Dimethylphthalate	13.910	163	219320	52.087	ng		98
51) 2,6-Dinitrotoluene	14.027	165	46526	53.043	ng		93
52) Acenaphthene	14.515	154	148370	49.831	ng		98
53) 3-Nitroaniline	14.356	138	24285	30.021	ng	#	90
54) 2,4-Dinitrophenol	14.568	184	60734	95.491	ng	#	84
55) Dibenzofuran	14.850	168	252708	51.403	ng		99
56) 4-Nitrophenol	14.679	139	70603	110.857	ng		86
57) 2,4-Dinitrotoluene	14.814	165	70046	52.240	ng	#	91
58) Fluorene	15.496	166	212852	52.080	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.079	232	69146m	54.690	ng		
60) Diethylphthalate	15.279	149	233804	51.761	ng		99
61) 4-Chlorophenyl-phenyle...	15.496	204	112399	50.374	ng		98
62) 4-Nitroaniline	15.525	138	45131	53.529	ng		92
63) Azobenzene	15.784	77	183158	52.357	ng		98
65) 4,6-Dinitro-2-methylph...	15.578	198	48834	51.538	ng		96
66) n-Nitrosodiphenylamine	15.708	169	190210	52.341	ng		96
67) 4-Bromophenyl-phenylether	16.383	248	81751	51.049	ng		92
68) Hexachlorobenzene	16.501	284	93070	50.789	ng		98
69) Atrazine	16.659	200	88975	55.031	ng		99
70) Pentachlorophenol	16.847	266	114041	106.438	ng		98
71) Phenanthrene	17.235	178	367467	51.635	ng		99
72) Anthracene	17.323	178	378287	52.985	ng		99
73) Carbazole	17.594	167	328133	53.172	ng		98
74) Di-n-butylphthalate	18.158	149	396056	52.573	ng		99
75) Fluoranthene	19.245	202	442925	52.097	ng		98
77) Benzidine	19.427	184	112790	33.250	ng		97
78) Pyrene	19.603	202	457350	51.696	ng		98
80) Butylbenzylphthalate	20.502	149	165515	52.777	ng		97
81) Benzo(a)anthracene	21.395	228	448603	51.538	ng		98
82) 3,3'-Dichlorobenzidine	21.319	252	90148	30.600	ng		98
83) Chrysene	21.460	228	423453	51.298	ng		97
84) Bis(2-ethylhexyl)phtha...	21.319	149	233098	52.679	ng		99
85) Di-n-octyl phthalate	22.441	149	386957	52.033	ng		99
87) Indeno(1,2,3-cd)pyrene	27.746	276	548210	53.861	ng		98
88) Benzo(b)fluoranthene	23.451	252	450951	54.209	ng		98
89) Benzo(k)fluoranthene	23.516	252	433743	51.769	ng		97
90) Benzo(a)pyrene	24.256	252	420603	54.860	ng		99
91) Dibenzo(a,h)anthracene	27.799	278	449110	55.175	ng		97
92) Benzo(g,h,i)perylene	28.792	276	433026	54.744	ng		97

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

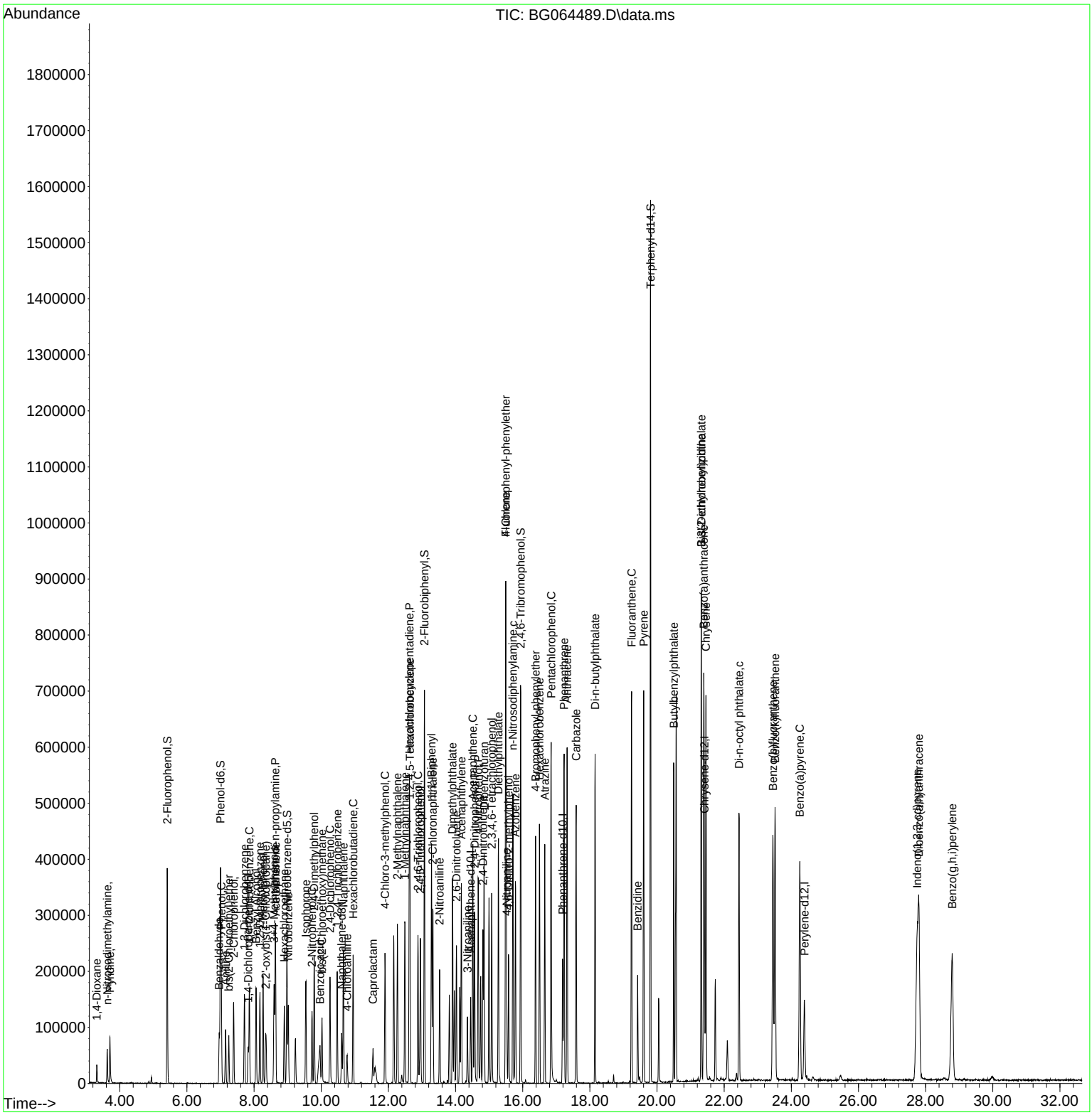
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100325\
Data File : BG064489.D
Acq On : 3 Oct 2025 16:16
Operator : RC/JU
Sample : PB169973BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 03 17:29:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 02 16:40:42 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB169973BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/06/2025
Supervised By :Jagrut Upadhyay 10/06/2025



Sample Results: **BG064490.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100325\
Data File : BG064490.D
Acq On : 3 Oct 2025 16:57
Operator : RC/JU
Sample : PB169973BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 03 17:39:14 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 02 16:40:42 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB169973BSD

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 10/06/2025
Supervised By :Jagrut Upadhyay 10/06/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.825	152	15312	20.000	ng		0.00
21) Naphthalene-d8	10.610	136	68886	20.000	ng	#	0.00
39) Acenaphthene-d10	14.453	164	53563	20.000	ng		0.00
64) Phenanthrene-d10	17.191	188	138632	20.000	ng	#	0.00
76) Chrysene-d12	21.415	240	141515	20.000	ng		0.00
86) Perylene-d12	24.388	264	151583	20.000	ng	#	0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.416	112	134466	162.522	ng		0.01
7) Phenol-d6	7.003	99	172569	155.209	ng		0.02
23) Nitrobenzene-d5	8.977	82	117218	91.496	ng		0.01
42) 2,4,6-Tribromophenol	15.939	330	140210	144.412	ng		0.00
45) 2-Fluorobiphenyl	13.072	172	328094	90.288	ng		0.00
79) Terphenyl-d14	19.805	244	721842	96.533	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.319	88	13298	40.634	ng	#	92
3) Pyridine	3.706	79	34946	39.733	ng		94
4) n-Nitrosodimethylamine	3.624	42	31964	50.132	ng		87
6) Aniline	7.149	93	48523	34.598	ng		97
8) 2-Chlorophenol	7.390	128	56075	55.194	ng		98
9) Benzaldehyde	6.961	77	25788	26.128	ng		91
10) Phenol	7.026	94	64826	55.269	ng		98
11) bis(2-Chloroethyl)ether	7.249	93	39465	49.685	ng		95
12) 1,3-Dichlorobenzene	7.713	146	55884	50.283	ng		98
13) 1,4-Dichlorobenzene	7.860	146	59496	53.339	ng		91
14) 1,2-Dichlorobenzene	8.172	146	55839	50.794	ng		96
15) Benzyl Alcohol	8.060	79	55796	54.492	ng		90
16) 2,2'-oxybis(1-Chloropr...	8.348	45	61797	48.266	ng		98
17) 2-Methylphenol	8.272	107	46672	54.952	ng		98
18) Hexachloroethane	8.900	117	21715	49.321	ng		92
19) n-Nitroso-di-n-propyla...	8.624	70	38963	52.398	ng		97
20) 3+4-Methylphenols	8.595	107	65493	55.259	ng		93
22) Acetophenone	8.642	105	91544	54.885	ng	#	96
24) Nitrobenzene	9.018	77	60821	47.607	ng		96
25) Isophorone	9.541	82	110698	47.697	ng		98
26) 2-Nitrophenol	9.729	139	30795	48.432	ng		97
27) 2,4-Dimethylphenol	9.793	122	55310	56.953	ng		95
28) bis(2-Chloroethoxy)met...	10.023	93	58363	49.333	ng		97
29) 2,4-Dichlorophenol	10.263	162	59120	52.643	ng		96
30) 1,2,4-Trichlorobenzene	10.475	180	61294	50.056	ng		98
31) Naphthalene	10.663	128	171886	48.456	ng		99
32) Benzoic acid	9.958	122	44961m	60.300	ng		
33) 4-Chloroaniline	10.769	127	20695	15.203	ng	#	97
34) Hexachlorobutadiene	10.951	225	49245	46.959	ng		99
35) Caprolactam	11.538	113	19269m	50.120	ng		
36) 4-Chloro-3-methylphenol	11.903	107	70424	51.566	ng		97
37) 2-Methylnaphthalene	12.273	142	121185	44.505	ng		98
38) 1-Methylnaphthalene	12.490	142	126687	46.659	ng		100
40) 1,2,4,5-Tetrachloroben...	12.643	216	92935	53.737	ng		98
41) Hexachlorocyclopentadiene	12.625	237	123269	136.260	ng		94
43) 2,4,6-Trichlorophenol	12.884	196	57388	51.908	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100325\
Data File : BG064490.D
Acq On : 3 Oct 2025 16:57
Operator : RC/JU
Sample : PB169973BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 03 17:39:14 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 02 16:40:42 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB169973BSD

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 10/06/2025
Supervised By :Jagrut Upadhyay 10/06/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.954	196	60489	49.008	ng		95
46) 1,1'-Biphenyl	13.283	154	204884	53.183	ng		99
47) 2-Chloronaphthalene	13.325	162	136452	47.440	ng		96
48) 2-Nitroaniline	13.530	65	49637	50.563	ng		96
49) Acenaphthylene	14.171	152	236815	55.463	ng		99
50) Dimethylphthalate	13.912	163	203802	48.581	ng		97
51) 2,6-Dinitrotoluene	14.024	165	43905	50.241	ng		95
52) Acenaphthene	14.517	154	140204	47.264	ng		95
53) 3-Nitroaniline	14.353	138	21048	26.116	ng		93
54) 2,4-Dinitrophenol	14.564	184	60905	96.115	ng		86
55) Dibenzofuran	14.852	168	239756	48.950	ng		99
56) 4-Nitrophenol	14.676	139	70541	111.171	ng		97
57) 2,4-Dinitrotoluene	14.817	165	71035	53.174	ng		99
58) Fluorene	15.498	166	204659	50.261	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.081	232	68433	54.327	ng		98
60) Diethylphthalate	15.275	149	222549	49.452	ng	#	97
61) 4-Chlorophenyl-phenyle...	15.493	204	106708	48.001	ng		96
62) 4-Nitroaniline	15.522	138	43915	52.280	ng		89
63) Azobenzene	15.786	77	173819	49.872	ng		96
65) 4,6-Dinitro-2-methylph...	15.581	198	46256	47.921	ng		97
66) n-Nitrosodiphenylamine	15.710	169	182340	49.254	ng		93
67) 4-Bromophenyl-phenylether	16.386	248	78451	48.089	ng		90
68) Hexachlorobenzene	16.503	284	91352	48.936	ng		98
69) Atrazine	16.656	200	87001	52.822	ng		95
70) Pentachlorophenol	16.850	266	109925	100.712	ng		100
71) Phenanthrene	17.232	178	352360	48.603	ng		97
72) Anthracene	17.326	178	362889	49.895	ng		98
73) Carbazole	17.590	167	327423	52.082	ng		99
74) Di-n-butylphthalate	18.154	149	396998	51.730	ng		100
75) Fluoranthene	19.241	202	441298	50.952	ng		99
77) Benzidine	19.423	184	100027	28.405	ng		96
78) Pyrene	19.605	202	454934	49.536	ng		98
80) Butylbenzylphthalate	20.498	149	165196	50.742	ng		99
81) Benzo(a)anthracene	21.397	228	451659	49.985	ng		99
82) 3,3'-Dichlorobenzidine	21.321	252	83367	27.260	ng	#	96
83) Chrysene	21.456	228	424681	49.559	ng		96
84) Bis(2-ethylhexyl)phtha...	21.321	149	234171	50.979	ng		100
85) Di-n-octyl phthalate	22.443	149	388583	50.334	ng		99
87) Indeno(1,2,3-cd)pyrene	27.743	276	540606	51.237	ng	#	97
88) Benzo(b)fluoranthene	23.454	252	434847	50.425	ng		99
89) Benzo(k)fluoranthene	23.513	252	449174	51.716	ng		100
90) Benzo(a)pyrene	24.253	252	423237	53.252	ng		97
91) Dibenzo(a,h)anthracene	27.796	278	442427	52.434	ng		98
92) Benzo(g,h,i)perylene	28.789	276	432535	52.749	ng		98

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

Sample Results: **BG064490.D**

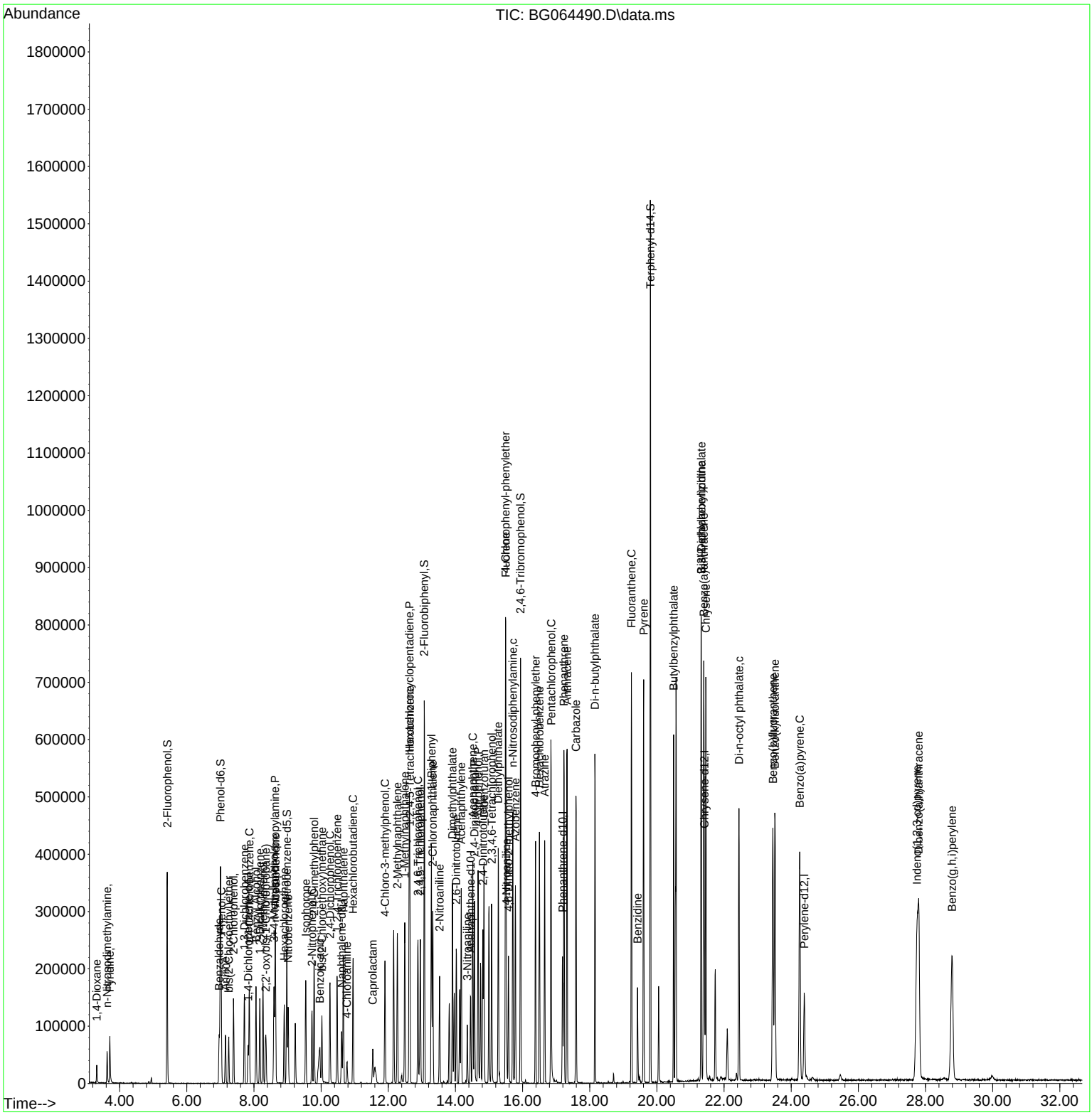
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100325\
Data File : BG064490.D
Acq On : 3 Oct 2025 16:57
Operator : RC/JU
Sample : PB169973BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 03 17:39:14 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 02 16:40:42 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB169973BSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/06/2025
Supervised By :Jagrut Upadhyay 10/06/2025



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

Manual Integration Report

Sequence:	BG100225	Instrument	BNA_g

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BG064474.D	Anthracene	Rahul	10/3/2025 8:37:57 AM	Jagrut	10/3/2025 3:25:00 PM	Peak Integrated by Software
SSTDICC005	BG064474.D	Benzo(b)fluoranthene	Rahul	10/3/2025 8:37:57 AM	Jagrut	10/3/2025 3:25:00 PM	Peak Integrated by Software
SSTDICC020	BG064476.D	1-Methylnaphthalene	Rahul	10/3/2025 8:38:04 AM	Jagrut	10/3/2025 3:25:05 PM	Peak Integrated by Software
SSTDICC020	BG064476.D	Benzaldehyde	Rahul	10/3/2025 8:38:04 AM	Jagrut	10/3/2025 3:25:05 PM	Peak Integrated by Software
SSTDICC020	BG064476.D	Benzoic acid	Rahul	10/3/2025 8:38:04 AM	Jagrut	10/3/2025 3:25:05 PM	Peak Integrated by Software
SSTDICCC040	BG064477.D	Benzaldehyde	Rahul	10/3/2025 8:38:08 AM	Jagrut	10/3/2025 3:25:08 PM	Peak Integrated by Software
SSTDICCC040	BG064477.D	Benzoic acid	Rahul	10/3/2025 8:38:08 AM	Jagrut	10/3/2025 3:25:08 PM	Peak Integrated by Software
SSTDICC050	BG064478.D	Benzoic acid	Rahul	10/3/2025 8:38:10 AM	Jagrut	10/3/2025 3:25:09 PM	Peak Integrated by Software
SSTDICC060	BG064479.D	Benzoic acid	Rahul	10/3/2025 8:38:13 AM	Jagrut	10/3/2025 3:25:12 PM	Peak Integrated by Software
SSTDICC080	BG064480.D	Benzoic acid	Rahul	10/3/2025 8:38:15 AM	Jagrut	10/3/2025 3:25:14 PM	Peak Integrated by Software
SSTDICC010	BG064481.D	Benzoic acid	Rahul	10/3/2025 8:38:18 AM	Jagrut	10/3/2025 3:25:20 PM	Peak Integrated by Software
SSTDICV040	BG064482.D	Benzoic acid	Rahul	10/3/2025 8:38:21 AM	Jagrut	10/3/2025 3:25:22 PM	Peak Integrated by Software

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

Manual Integration Report

Sequence:	BG100225	Instrument	BNA_g

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:	BG100325	Instrument	BNA_g

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BG064485.D	1-Methylnaphthalene	Rahul	10/6/2025 4:14:13 PM	Jagrut	10/6/2025 4:23:08 PM	Peak Integrated by Software
SSTDCCC040	BG064485.D	Benzaldehyde	Rahul	10/6/2025 4:14:13 PM	Jagrut	10/6/2025 4:23:08 PM	Peak Integrated by Software
SSTDCCC040	BG064485.D	Benzoic acid	Rahul	10/6/2025 4:14:13 PM	Jagrut	10/6/2025 4:23:08 PM	Peak Integrated by Software
PB169973BS	BG064489.D	2,3,4,6-Tetrachlorophenol	Rahul	10/6/2025 4:14:18 PM	Jagrut	10/6/2025 4:23:13 PM	Peak Integrated by Software
PB169973BS	BG064489.D	Benzoic acid	Rahul	10/6/2025 4:14:18 PM	Jagrut	10/6/2025 4:23:13 PM	Peak Integrated by Software
PB169973BS	BG064489.D	Caprolactam	Rahul	10/6/2025 4:14:18 PM	Jagrut	10/6/2025 4:23:13 PM	Peak Integrated by Software
PB169973BSD	BG064490.D	Benzoic acid	Rahul	10/6/2025 4:14:20 PM	Jagrut	10/6/2025 4:23:34 PM	Peak Integrated by Software
PB169973BSD	BG064490.D	Caprolactam	Rahul	10/6/2025 4:14:20 PM	Jagrut	10/6/2025 4:23:34 PM	Peak Integrated by Software

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Instrument ID: BNA_G

Daily Analysis Runlog For Sequence/QCBatch ID # BG100225

Review By	Rahul	Review On	10/3/2025 8:38:44 AM		
Supervise By	Jagrut	Supervise On	10/3/2025 3:25:38 PM		
SubDirectory	BG100225	HP Acquire Method	BNA_G	HP Processing Method	bg100225

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13176,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BG064472.D	2 Oct 2025 8:21	RC/JU	Ok
2	SSTDICC2.5	BG064473.D	2 Oct 2025 9:01	RC/JU	Ok
3	SSTDICC005	BG064474.D	2 Oct 2025 9:42	RC/JU	Ok,M
4	SSTDICC010	BG064475.D	2 Oct 2025 10:53	RC/JU	Not Ok
5	SSTDICC020	BG064476.D	2 Oct 2025 11:33	RC/JU	Ok,M
6	SSTDICCC040	BG064477.D	2 Oct 2025 12:14	RC/JU	Ok,M
7	SSTDICC050	BG064478.D	2 Oct 2025 12:55	RC/JU	Ok,M
8	SSTDICC060	BG064479.D	2 Oct 2025 13:35	RC/JU	Ok,M
9	SSTDICC080	BG064480.D	2 Oct 2025 14:16	RC/JU	Ok,M
10	SSTDICC010	BG064481.D	2 Oct 2025 15:49	RC/JU	Ok,M
11	SSTDICV040	BG064482.D	2 Oct 2025 18:09	RC/JU	Ok,M
12	PB169936BL	BG064483.D	2 Oct 2025 18:50	RC/JU	Not Ok

M : Manual Integration

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Instrument ID: BNA_G

Daily Analysis Runlog For Sequence/QCBatch ID # BG100325

Review By	Rahul	Review On	10/6/2025 4:14:36 PM				
Supervise By	Jagrut	Supervise On	10/6/2025 4:23:45 PM				
SubDirectory	BG100325	HP Acquire Method	BNA_G		HP Processing Method	bg100225	

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13177,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BG064484.D	3 Oct 2025 12:52	RC/JU	Ok
2	SSTDCCC040	BG064485.D	3 Oct 2025 13:33	RC/JU	Ok,M
3	PB169969BL	BG064486.D	3 Oct 2025 14:13	RC/JU	Ok
4	PB169969BS	BG064487.D	3 Oct 2025 14:54	RC/JU	Ok,M
5	PB169973BL	BG064488.D	3 Oct 2025 15:35	RC/JU	Ok
6	PB169973BS	BG064489.D	3 Oct 2025 16:16	RC/JU	Ok,M
7	PB169973BSD	BG064490.D	3 Oct 2025 16:57	RC/JU	Ok,M
8	Q3263-01	BG064491.D	3 Oct 2025 17:38	RC/JU	Ok
9	Q3263-02	BG064492.D	3 Oct 2025 18:19	RC/JU	Ok
10	Q3273-01	BG064493.D	3 Oct 2025 18:59	RC/JU	Ok
11	Q3274-01	BG064494.D	3 Oct 2025 19:40	RC/JU	Ok
12	Q3272-06	BG064495.D	3 Oct 2025 20:21	RC/JU	Ok

M : Manual Integration

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Instrument ID: BNA_G

Daily Analysis Runlog For Sequence/QCBatch ID # BG100225

Review By	Rahul	Review On	10/3/2025 8:38:44 AM		
Supervise By	Jagrut	Supervise On	10/3/2025 3:25:38 PM		
SubDirectory	BG100225	HP Acquire Method	BNA_G	HP Processing Method	bg100225

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13176,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BG064472.D	2 Oct 2025 8:21		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BG064473.D	2 Oct 2025 9:01		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BG064474.D	2 Oct 2025 9:42		RC/JU	Ok,M
4	SSTDICC010	SSTDICC010	BG064475.D	2 Oct 2025 10:53	Not Used	RC/JU	Not Ok
5	SSTDICC020	SSTDICC020	BG064476.D	2 Oct 2025 11:33		RC/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BG064477.D	2 Oct 2025 12:14	Compound failed in the calibration. #77	RC/JU	Ok,M
7	SSTDICC050	SSTDICC050	BG064478.D	2 Oct 2025 12:55		RC/JU	Ok,M
8	SSTDICC060	SSTDICC060	BG064479.D	2 Oct 2025 13:35		RC/JU	Ok,M
9	SSTDICC080	SSTDICC080	BG064480.D	2 Oct 2025 14:16		RC/JU	Ok,M
10	SSTDICC010	SSTDICC010	BG064481.D	2 Oct 2025 15:49		RC/JU	Ok,M
11	SSTDICV040	ICVBG100225	BG064482.D	2 Oct 2025 18:09		RC/JU	Ok,M
12	PB169936BL	PB169936BL	BG064483.D	2 Oct 2025 18:50	Surrogate Fail	RC/JU	Not Ok

M : Manual Integration

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Instrument ID: BNA_G

Daily Analysis Runlog For Sequence/QCBatch ID # BG100325

Review By	Rahul	Review On	10/6/2025 4:14:36 PM		
Supervise By	Jagrut	Supervise On	10/6/2025 4:23:45 PM		
SubDirectory	BG100325	HP Acquire Method	BNA_G	HP Processing Method	bg100225

STD. NAME	STD REF.#
Tune/Reschk	SP6875
Initial Calibration Stds	SP6857,SP6858,SP6859,SP6860,SP6861,SP6862,SP6863,SP6864
CCC	SP6860
Internal Standard/PEM	S13177,10ul/1000ul sample
ICV/I.BLK	SP6872
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BG064484.D	3 Oct 2025 12:52		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BG064485.D	3 Oct 2025 13:33		RC/JU	Ok,M
3	PB169969BL	PB169969BL	BG064486.D	3 Oct 2025 14:13		RC/JU	Ok
4	PB169969BS	PB169969BS	BG064487.D	3 Oct 2025 14:54		RC/JU	Ok,M
5	PB169973BL	PB169973BL	BG064488.D	3 Oct 2025 15:35		RC/JU	Ok
6	PB169973BS	PB169973BS	BG064489.D	3 Oct 2025 16:16		RC/JU	Ok,M
7	PB169973BSD	PB169973BSD	BG064490.D	3 Oct 2025 16:57		RC/JU	Ok,M
8	Q3263-01	251818	BG064491.D	3 Oct 2025 17:38		RC/JU	Ok
9	Q3263-02	266380	BG064492.D	3 Oct 2025 18:19		RC/JU	Ok
10	Q3273-01	MW1	BG064493.D	3 Oct 2025 18:59		RC/JU	Ok
11	Q3274-01	MW4	BG064494.D	3 Oct 2025 19:40		RC/JU	Ok
12	Q3272-06	RT5417-CONCRETE	BG064495.D	3 Oct 2025 20:21		RC/JU	Ok

M : Manual Integration

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB169973

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#: E3953

Extraction By: RJ

Filter By: RJ

pH Meter ID: N/A

Hood ID: 4,6,7

Extraction Start Date : 10/03/2025

Extraction Start Time : 08:35

Extraction End Date : 10/03/2025

Extraction End Time : 13:45

Concentration By: EH

Supervisor By : ritesh

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	SP6865
Surrogate	1.0ML	100/150 PPM	SP6869
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Methylene Chloride	N/A	E3973
Baked Na2SO4	N/A	EP2646
H2SO4 1:1	N/A	EP2610
10N NaoH	N/A	EP2609
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

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

KD Bath ID: WATER BATH-1,2

KD Bath Temperature: 60 °C

Envap ID: NE VAP-02

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/03/25	RJ CEH-(ce6)	RC/SVOC
13:50	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB169973

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

Concentration Date: 10/03/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB169973BL	SBLK973	SVOC-TCL BNA -20	1000	6	ritesh	Evelyn	1			SEP-1
PB169973BS	SLCS973	SVOC-TCL BNA -20	1000	6	ritesh	Evelyn	1			2
PB169973BSD	SLCSD973	SVOC-TCL BNA -20	1000	6	ritesh	Evelyn	1			3
Q3263-01	251818	SVOC-TCL BNA -20	1000	6	ritesh	Evelyn	1	N		4
Q3263-02	266380	SVOC-TCL BNA -20	1000	6	ritesh	Evelyn	1	O		5
Q3273-01	MW1	SVOC-TCL BNA -20	1000	6	ritesh	Evelyn	1	B		6
Q3274-01	MW4	SVOCMS Group1	1000	6	ritesh	Evelyn	1	C		7

RJ

10/03

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

16495 8:35

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3273 **WorkList ID :** 192268 **Department :** Extraction **Date :** 10-03-2025 08:30:38

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3263-01	251818	Water	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D31	10/01/2025	8270E
Q3263-02	266380	Water	SVOC-TCL BNA -20	Cool 4 deg C	PSEG03	D31	10/01/2025	8270E
Q3273-01	MW1	Water	SVOC-TCL BNA -20	Cool 4 deg C	GENV01	D31	10/01/2025	8270E
Q3274-01	MW4	Water	SVOCMS Group1	Cool 4 deg C	GENV01	D41	10/01/2025	8270E

Date/Time 10/03/25 8:30
Raw Sample Received by: RJ (CEL-lab)
Raw Sample Relinquished by: [signature]

Date/Time 10/03/25 9:00
Raw Sample Received by: [signature]
Raw Sample Relinquished by: RJ (CEL-lab)

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LAB CHRONICLE

OrderID:	Q3273	**OrderDate:**	10/2/2025 3:36:00 PM
Client:	G Environmental	**Project:**	Monroe, NJ
Contact:	Gary Landis	**Location:**	D31,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3273-01	**MW1**	**Water**			**10/01/25**			**10/02/25**
			SVOC-TCL BNA -20	8270E		10/03/25	10/03/25	