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

Hit Summary Sheet
SW-846

SDG No.: Q3108

Client: G Environmental

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
Client ID : MW2									
Q3108-01	MW2	WATER	Naphthalene		3.300	J	0.5	5	ug/L
			Total Svoc :		**3.30**				
Q3108-01	MW2	WATER	Benzene, 1,2,3,5-tetramethyl-	*	13.000	J	0	0	ug/L
Q3108-01	MW2	WATER	Benzene, 1,2,3-trimethyl-	*	20.200	J	0	0	ug/L
Q3108-01	MW2	WATER	Benzene, 1,2,4,5-tetramethyl-	*	10.100	J	0	0	ug/L
Q3108-01	MW2	WATER	Benzene, 1,2,4-trimethyl-	*	74.000	J	0	0	ug/L
Q3108-01	MW2	WATER	Benzene, 1,2-diethyl-	*	19.000	J	0	0	ug/L
Q3108-01	MW2	WATER	Benzene, 1,3-dimethyl-	*	110.000	J	0	0	ug/L
Q3108-01	MW2	WATER	Benzene, 1-ethyl-2-methyl-	*	75.200	J	0	0	ug/L
Q3108-01	MW2	WATER	Benzene, 1-ethyl-3-methyl-	*	11.700	J	0	0	ug/L
Q3108-01	MW2	WATER	Benzene, 1-methyl-4-propyl-	*	10.900	J	0	0	ug/L
Q3108-01	MW2	WATER	Benzene, 2-ethenyl-1,4-dimethyl-	*	32.600	J	0	0	ug/L
Q3108-01	MW2	WATER	Benzene, 2-ethyl-1,4-dimethyl-	*	9.000	J	0	0	ug/L
Q3108-01	MW2	WATER	Benzene, 4-ethyl-1,2-dimethyl-	*	17.300	J	0	0	ug/L
Q3108-01	MW2	WATER	Indane	*	37.200	J	0	0	ug/L
Q3108-01	MW2	WATER	n-Hexadecanoic acid	*	11.400	J	0	0	ug/L
Q3108-01	MW2	WATER	Octadecanoic acid	*	9.400	J	0	0	ug/L
Q3108-01	MW2	WATER	o-Cymene	*	46.800	J	0	0	ug/L
Q3108-01	MW2	WATER	unknown5.802	*	75.100	J	0	0	ug/L
Q3108-01	MW2	WATER	2,4-Dimethylphenol	*	3.600	J	1.9	5	ug/L
Q3108-01	MW2	WATER	1-Methylnaphthalene	*	3.200	J	0.66	5	ug/L
			Total Tics :		**589.70**				
			Total Concentration:		**593.00**				

SAMPLE DATA

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

Client:	G Environmental	Date Collected:	09/15/25
Project:	61 Laurel Street	Date Received:	09/16/25
Client Sample ID:	MW2	SDG No.:	Q3108
Lab Sample ID:	Q3108-01	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
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
BP025796.D	1	09/17/25 09:05	09/19/25 13:01	PB169719

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	3.90	U	3.90	10.0	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.81	U	0.81	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1.30	5.00	ug/L
98-86-2	Acetophenone	0.74	U	0.74	5.00	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.40	U	1.40	2.50	ug/L
67-72-1	Hexachloroethane	0.65	UQ	0.65	5.00	ug/L
98-95-3	Nitrobenzene	0.76	U	0.76	5.00	ug/L
78-59-1	Isophorone	0.75	U	0.75	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	0.68	U	0.68	5.00	ug/L
91-20-3	Naphthalene	3.30	J	0.50	5.00	ug/L
106-47-8	4-Chloroaniline	0.84	U	0.84	5.00	ug/L
87-68-3	Hexachlorobutadiene	0.54	U	0.54	5.00	ug/L
105-60-2	Caprolactam	1.10	U	1.10	10.0	ug/L
91-57-6	2-Methylnaphthalene	0.56	U	0.56	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	3.60	U	3.60	10.0	ug/L
92-52-4	1,1-Biphenyl	0.53	U	0.53	5.00	ug/L
91-58-7	2-Chloronaphthalene	0.61	U	0.61	5.00	ug/L
88-74-4	2-Nitroaniline	1.30	U	1.30	5.00	ug/L
131-11-3	Dimethylphthalate	0.61	U	0.61	5.00	ug/L
208-96-8	Acenaphthylene	0.75	UQ	0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	0.92	U	0.92	5.00	ug/L
99-09-2	3-Nitroaniline	1.10	U	1.10	5.00	ug/L
83-32-9	Acenaphthene	0.55	U	0.55	5.00	ug/L
132-64-9	Dibenzofuran	0.61	U	0.61	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	1.20	U	1.20	5.00	ug/L
84-66-2	Diethylphthalate	0.69	U	0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.68	U	0.68	5.00	ug/L
86-73-7	Fluorene	0.63	U	0.63	5.00	ug/L
100-01-6	4-Nitroaniline	1.50	U	1.50	5.00	ug/L

Raw Data: **BP025796.D**

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Report of Analysis

Client:	G Environmental	Date Collected:	09/15/25
Project:	61 Laurel Street	Date Received:	09/16/25
Client Sample ID:	MW2	SDG No.:	Q3108
Lab Sample ID:	Q3108-01	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
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
BP025796.D	1	09/17/25 09:05	09/19/25 13:01	PB169719

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
86-30-6	n-Nitrosodiphenylamine	0.58	U	0.58	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	0.40	U	0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	0.52	U	0.52	5.00	ug/L
1912-24-9	Atrazine	1.00	U	1.00	5.00	ug/L
85-01-8	Phenanthrene	0.50	U	0.50	5.00	ug/L
120-12-7	Anthracene	0.61	U	0.61	5.00	ug/L
86-74-8	Carbazole	0.72	U	0.72	5.00	ug/L
84-74-2	Di-n-butylphthalate	1.20	U	1.20	5.00	ug/L
206-44-0	Fluoranthene	0.82	U	0.82	5.00	ug/L
129-00-0	Pyrene	0.50	U	0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	1.90	U	1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	0.93	U	0.93	10.0	ug/L
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
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
95-94-3	1,2,4,5-Tetrachlorobenzene	0.52	U	0.52	5.00	ug/L
123-91-1	1,4-Dioxane	1.00	U	1.00	5.00	ug/L
SURROGATES						
4165-60-0	Nitrobenzene-d5	93.0		67 - 132	93%	SPK: 100
321-60-8	2-Fluorobiphenyl	89.5		52 - 132	90%	SPK: 100
1718-51-0	Terphenyl-d14	84.2		42 - 152	84%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	166000	7.749			
1146-65-2	Naphthalene-d8	650000	10.519			
15067-26-2	Acenaphthene-d10	426000	14.372			
1517-22-2	Phenanthrene-d10	855000	17.178			
1719-03-5	Chrysene-d12	903000	21.624			
1520-96-3	Perylene-d12	965000	24.983			

Raw Data: **BP025796.D**

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Report of Analysis

Client:	G Environmental	Date Collected:	09/15/25
Project:	61 Laurel Street	Date Received:	09/16/25
Client Sample ID:	MW2	SDG No.:	Q3108
Lab Sample ID:	Q3108-01	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
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
BP025796.D	1	09/17/25 09:05	09/19/25 13:01	PB169719

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS						
000108-38-3	Benzene, 1,3-dimethyl-	110	J		5.46	ug/L
	unknown5.802	75.1	J		5.80	ug/L
000620-14-4	Benzene, 1-ethyl-3-methyl-	11.7	J		6.86	ug/L
000611-14-3	Benzene, 1-ethyl-2-methyl-	75.2	J		7.15	ug/L
000526-73-8	Benzene, 1,2,3-trimethyl-	20.2	J		7.41	ug/L
000095-63-6	Benzene, 1,2,4-trimethyl-	74.0	J		7.87	ug/L
000496-11-7	Indane	37.2	J		8.12	ug/L
000135-01-3	Benzene, 1,2-diethyl-	19.0	J		8.24	ug/L
000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	17.3	J		8.38	ug/L
001074-55-1	Benzene, 1-methyl-4-propyl-	10.9	J		8.54	ug/L
001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	9.00	J		8.69	ug/L
000527-84-4	o-Cymene	46.8	J		8.84	ug/L
000527-53-7	Benzene, 1,2,3,5-tetramethyl-	13.0	J		9.36	ug/L
000095-93-2	Benzene, 1,2,4,5-tetramethyl-	10.1	J		9.42	ug/L
105-67-9	2,4-Dimethylphenol	3.60	J		9.75	ug/L
002039-89-6	Benzene, 2-ethenyl-1,4-dimethyl-	32.6	J		9.93	ug/L
90-12-0	1-Methylnaphthalene	3.20	J		12.4	ug/L
000057-10-3	n-Hexadecanoic acid	11.4	J		18.1	ug/L
000057-11-4	Octadecanoic acid	9.40	J		19.4	ug/L

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

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

QC SUMMARY

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

SW-846

SDG No.: Q3108

Client: G Environmental

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB169719BL	PB169719BL	2-Fluorophenol	150	119	79		23	138
		Phenol-d6	150	109	73		10	134
		Nitrobenzene-d5	100	73.4	73		67	132
		2-Fluorobiphenyl	100	75.1	75		52	132
		2,4,6-Tribromophenol	150	111	74		44	137
		Terphenyl-d14	100	71.7	72		42	152
PB169719BS	PB169719BS	2-Fluorophenol	150	116	77		23	138
		Phenol-d6	150	109	73		10	134
		Nitrobenzene-d5	100	69.0	69		67	132
		2-Fluorobiphenyl	100	68.9	69		52	132
		2,4,6-Tribromophenol	150	113	75		44	137
		Terphenyl-d14	100	72.6	73		42	152
PB169719BSD	PB169719BSD	2-Fluorophenol	150	116	78		23	138
		Phenol-d6	150	110	74		10	134
		Nitrobenzene-d5	100	69.8	70		67	132
		2-Fluorobiphenyl	100	69.9	70		52	132
		2,4,6-Tribromophenol	150	113	76		44	137
		Terphenyl-d14	100	72.7	73		42	152
Q3108-01	MW2	2-Fluorophenol	150	74.4	50		23	138
		Phenol-d6	150	42.9	29		10	134
		Nitrobenzene-d5	100	93.0	93		67	132
		2-Fluorobiphenyl	100	89.5	90		52	132
		2,4,6-Tribromophenol	150	146	97		44	137
		Terphenyl-d14	100	84.2	84		42	152

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3108 **Analytical Method:** 8270E

Client: G Environmental **DataFile:** BP025774.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB169719BS	Benzaldehyde	50	29.4	ug/L	59				10	162	
	bis(2-Chloroethyl)ether	50	37.3	ug/L	75				62	103	
	2,2-oxybis(1-Chloropropane)	50	36.9	ug/L	74				65	100	
	Acetophenone	50	40.6	ug/L	81				60	104	
	N-Nitroso-di-n-propylamine	50	35.8	ug/L	72				57	107	
	Hexachloroethane	50	37.0	ug/L	74		*		76	118	
	Nitrobenzene	50	38.1	ug/L	76				58	106	
	Isophorone	50	36.1	ug/L	72				61	102	
	bis(2-Chloroethoxy)methane	50	38.3	ug/L	77				58	109	
	Naphthalene	50	37.5	ug/L	75				64	107	
	4-Chloroaniline	50	20.3	ug/L	41				10	85	
	Hexachlorobutadiene	50	38.7	ug/L	77				69	101	
	Caprolactam	50	36.2	ug/L	72				58	128	
	2-Methylnaphthalene	50	37.6	ug/L	75				64	107	
	Hexachlorocyclopentadiene	100	76.0	ug/L	76				36	160	
	1,1-Biphenyl	50	41.6	ug/L	83				72	98	
	2-Chloronaphthalene	50	38.7	ug/L	77				59	106	
	2-Nitroaniline	50	39.6	ug/L	79				73	114	
	Dimethylphthalate	50	38.7	ug/L	77				64	103	
	Acenaphthylene	50	39.2	ug/L	78		*		79	103	
	2,6-Dinitrotoluene	50	40.0	ug/L	80				64	110	
	3-Nitroaniline	50	28.5	ug/L	57				28	100	
	Acenaphthene	50	38.0	ug/L	76				59	113	
	Dibenzofuran	50	38.5	ug/L	77				65	106	
	2,4-Dinitrotoluene	50	40.6	ug/L	81				60	115	
	Diethylphthalate	50	39.3	ug/L	79				63	105	
	4-Chlorophenyl-phenylether	50	38.5	ug/L	77				61	104	
	Fluorene	50	38.3	ug/L	77				64	107	
	4-Nitroaniline	50	39.4	ug/L	79				55	125	
	N-Nitrosodiphenylamine	50	40.0	ug/L	80				61	109	
	4-Bromophenyl-phenylether	50	40.6	ug/L	81				73	103	
	Hexachlorobenzene	50	39.1	ug/L	78				73	106	
	Atrazine	50	40.7	ug/L	81				76	120	
	Phenanthrene	50	39.1	ug/L	78				62	109	
	Anthracene	50	39.5	ug/L	79				65	110	
	Carbazole	50	39.6	ug/L	79				62	106	
	Di-n-butylphthalate	50	40.5	ug/L	81				64	106	
	Fluoranthene	50	38.8	ug/L	78				64	110	
	Pyrene	50	41.5	ug/L	83				71	103	
	Butylbenzylphthalate	50	41.5	ug/L	83				61	105	
	3,3-Dichlorobenzidine	50	27.8	ug/L	56				43	108	
	Chrysene	50	39.8	ug/L	80				61	108	
	bis(2-Ethylhexyl)phthalate	50	41.2	ug/L	82				59	110	
	Di-n-octyl phthalate	50	39.8	ug/L	80				52	139	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3108 **Analytical Method:** 8270E

Client: G Environmental **DataFile:** BP025774.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB169719BS	Indeno(1,2,3-cd)pyrene	50	42.8	ug/L	86				72	105	
	Dibenz(a,h)anthracene	50	42.3	ug/L	85				78	115	
	1,2,4,5-Tetrachlorobenzene	50	41.5	ug/L	83				72	101	
	1,4-Dioxane	50	31.8	ug/L	64				38	125	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3108 **Analytical Method:** 8270E

Client: G Environmental **DataFile:** BP025775.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB169719BSD	Benzaldehyde	50	29.8	ug/L	60	1			10	162	20
	bis(2-Chloroethyl)ether	50	38.1	ug/L	76	2			62	103	20
	2,2-oxybis(1-Chloropropane)	50	37.0	ug/L	74	0			65	100	20
	Acetophenone	50	40.8	ug/L	82	0			60	104	20
	N-Nitroso-di-n-propylamine	50	36.4	ug/L	73	2			57	107	20
	Hexachloroethane	50	38.0	ug/L	76	3			76	118	20
	Nitrobenzene	50	38.9	ug/L	78	2			58	106	20
	Isophorone	50	36.9	ug/L	74	2			61	102	20
	bis(2-Chloroethoxy)methane	50	38.3	ug/L	77	0			58	109	20
	Naphthalene	50	38.1	ug/L	76	2			64	107	20
	4-Chloroaniline	50	20.1	ug/L	40	1			10	85	20
	Hexachlorobutadiene	50	38.7	ug/L	77	0			69	101	20
	Caprolactam	50	36.6	ug/L	73	1			58	128	20
	2-Methylnaphthalene	50	37.6	ug/L	75	0			64	107	20
	Hexachlorocyclopentadiene	100	76.9	ug/L	77	1			36	160	20
	1,1-Biphenyl	50	41.4	ug/L	83	0			72	98	20
	2-Chloronaphthalene	50	38.8	ug/L	78	0			59	106	20
	2-Nitroaniline	50	40.3	ug/L	81	2			73	114	20
	Dimethylphthalate	50	38.7	ug/L	77	0			64	103	20
	Acenaphthylene	50	39.7	ug/L	79	1			79	103	20
	2,6-Dinitrotoluene	50	39.5	ug/L	79	1			64	110	20
	3-Nitroaniline	50	27.5	ug/L	55	4			28	100	20
	Acenaphthene	50	38.4	ug/L	77	1			59	113	20
	Dibenzofuran	50	38.3	ug/L	77	1			65	106	20
	2,4-Dinitrotoluene	50	40.5	ug/L	81	0			60	115	20
	Diethylphthalate	50	38.9	ug/L	78	1			63	105	20
	4-Chlorophenyl-phenylether	50	37.9	ug/L	76	2			61	104	20
	Fluorene	50	38.1	ug/L	76	1			64	107	20
	4-Nitroaniline	50	39.3	ug/L	79	0			55	125	20
	N-Nitrosodiphenylamine	50	40.0	ug/L	80	0			61	109	20
	4-Bromophenyl-phenylether	50	39.9	ug/L	80	2			73	103	20
	Hexachlorobenzene	50	38.5	ug/L	77	2			73	106	20
	Atrazine	50	39.9	ug/L	80	2			76	120	20
	Phenanthrene	50	39.0	ug/L	78	0			62	109	20
	Anthracene	50	39.1	ug/L	78	1			65	110	20
	Carbazole	50	39.4	ug/L	79	1			62	106	20
	Di-n-butylphthalate	50	39.1	ug/L	78	4			64	106	20
	Fluoranthene	50	39.3	ug/L	79	1			64	110	20
	Pyrene	50	41.3	ug/L	83	0			71	103	20
	Butylbenzylphthalate	50	42.1	ug/L	84	1			61	105	20
	3,3-Dichlorobenzidine	50	27.6	ug/L	55	1			43	108	20
	Chrysene	50	39.5	ug/L	79	1			61	108	20
	bis(2-Ethylhexyl)phthalate	50	41.0	ug/L	82	0			59	110	20
	Di-n-octyl phthalate	50	39.2	ug/L	78	2			52	139	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3108 **Analytical Method:** 8270E

Client: G Environmental **DataFile:** BP025775.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB169719BSD	Indeno(1,2,3-cd)pyrene	50	42.6	ug/L	85	0			72	105	20
	Dibenz(a,h)anthracene	50	42.6	ug/L	85	1			78	115	20
	1,2,4,5-Tetrachlorobenzene	50	41.4	ug/L	83	0			72	101	20
	1,4-Dioxane	50	32.7	ug/L	65	3			38	125	20

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID: PB169719BL

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG NO.: Q3108

Lab File ID: BP025776.D | Lab Sample ID: PB169719BL

Instrument ID: BNA_P | Date Extracted: 09/17/2025

Matrix: (soil/water) Water | Date Analyzed: 09/17/2025

Level: (low/med) LOW | Time Analyzed: 21:56

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB169719BS	PB169719BS	BP025774.D	09/17/2025
PB169719BSD	PB169719BSD	BP025775.D	09/17/2025
MW2	Q3108-01	BP025796.D	09/19/2025

COMMENTS:

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q3108

Lab File ID: BP025724.D DFTPP Injection Date: 09/11/2025

Instrument ID: BNA_P DFTPP Injection Time: 08:09

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.6 (1.6) 1
69	Mass 69 relative abundance	36.5
70	Less than 2.0% of mass 69	0.2 (0.5) 1
197	Less than 2.0% of mass 198	0.6
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
365	Greater than 1% of mass 198	3.3
441	Present, but less than mass 443	10.8
442	Greater than 50% of mass 198	69.4
443	15.0 - 24.0% of mass 442	13.7 (19.7) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BP025725.D	09/11/2025	08:56
SSTDICC005	SSTDICC005	BP025726.D	09/11/2025	09:37
SSTDICC010	SSTDICC010	BP025727.D	09/11/2025	10:18
SSTDICC020	SSTDICC020	BP025728.D	09/11/2025	10:59
SSTDICCC040	SSTDICCC040	BP025729.D	09/11/2025	12:21
SSTDICC060	SSTDICC060	BP025731.D	09/11/2025	13:43
SSTDICC080	SSTDICC080	BP025732.D	09/11/2025	14:24
SSTDICC050	SSTDICC050	BP025733.D	09/11/2025	15:20

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG NO.: Q3108

Lab File ID: BP025768.D | DFTPP Injection Date: 09/17/2025

Instrument ID: BNA_P | DFTPP Injection Time: 11:22

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

1-Value is % mass 69

2-Value is % mass 442

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

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

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG NO.: Q3108

Lab File ID: BP025791.D | DFTPP Injection Date: 09/19/2025

Instrument ID: BNA_P | DFTPP Injection Time: 09:31

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

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BP025792.D	09/19/2025	10:12
MW2	Q3108-01	BP025796.D	09/19/2025	13:01

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3108

Client ID : SSTDCCC040 Date Analyzed: 09/17/2025

Lab File ID: BP025769.D Time Analyzed: 12:03

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

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

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

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

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3108

Client ID: SSTDCCC040 Date Analyzed: 09/17/2025

Lab File ID: BP025769.D Time Analyzed: 12:03

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

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

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

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

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

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3108

Client ID : SSTDCCC040 Date Analyzed: 09/19/2025

Lab File ID: BP025792.D Time Analyzed: 10:12

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	182285	7.749	709982	10.51	456027	14.37
	UPPER LIMIT	364570	8.249	1419960	11.013	912054	14.866
	LOWER LIMIT	91142.5	7.249	354991	10.013	228014	13.866
	EPA SAMPLE NO.						
01	MW2	165881	7.75	650117	10.52	426439	14.37

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

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

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3108

Client ID: SSTDCCC040 Date Analyzed: 09/19/2025

Lab File ID: BP025792.D Time Analyzed: 10:12

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	907902	17.172	942075	21.619	1041360	24.971
	UPPER LIMIT	1815800	17.672	1884150	22.119	2082720	25.471
	LOWER LIMIT	453951	16.672	471038	21.119	520680	24.471
	EPA SAMPLE NO.						
01	MW2	855270	17.18	903003	21.62	964980	24.98

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

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

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

QC SAMPLE DATA

Raw Data: **BP025776.D**

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	61 Laurel Street	Date Received:	
Client Sample ID:	PB169719BL	SDG No.:	Q3108
Lab Sample ID:	PB169719BL	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :			

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

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

Raw Data: **BP025776.D**

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Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	61 Laurel Street			Date Received:	
Client Sample ID:	PB169719BL			SDG No.:	Q3108
Lab Sample ID:	PB169719BL			Matrix:	Water
Analytical Method:	8270E			% Solid:	0
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group1
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :					

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

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
86-30-6	n-Nitrosodiphenylamine	0.58	U	0.58	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	0.40	U	0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	0.52	U	0.52	5.00	ug/L
1912-24-9	Atrazine	1.00	U	1.00	5.00	ug/L
85-01-8	Phenanthrene	0.50	U	0.50	5.00	ug/L
120-12-7	Anthracene	0.61	U	0.61	5.00	ug/L
86-74-8	Carbazole	0.72	U	0.72	5.00	ug/L
84-74-2	Di-n-butylphthalate	1.20	U	1.20	5.00	ug/L
206-44-0	Fluoranthene	0.82	U	0.82	5.00	ug/L
129-00-0	Pyrene	0.50	U	0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	1.90	U	1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	0.93	U	0.93	10.0	ug/L
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
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
95-94-3	1,2,4,5-Tetrachlorobenzene	0.52	U	0.52	5.00	ug/L
123-91-1	1,4-Dioxane	1.00	U	1.00	5.00	ug/L
SURROGATES						
4165-60-0	Nitrobenzene-d5	73.4		67 - 132	73%	SPK: 100
321-60-8	2-Fluorobiphenyl	75.1		52 - 132	75%	SPK: 100
1718-51-0	Terphenyl-d14	71.7		42 - 152	72%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	179000	7.754			
1146-65-2	Naphthalene-d8	669000	10.525			
15067-26-2	Acenaphthene-d10	415000	14.372			
1517-22-2	Phenanthrene-d10	827000	17.172			
1719-03-5	Chrysene-d12	913000	21.613			
1520-96-3	Perylene-d12	985000	24.971			

Raw Data: **BP025776.D**

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Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	61 Laurel Street			Date Received:	
Client Sample ID:	PB169719BL			SDG No.:	Q3108
Lab Sample ID:	PB169719BL			Matrix:	Water
Analytical Method:	8270E			% Solid:	0
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group1
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :					

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

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	61 Laurel Street	Date Received:	
Client Sample ID:	PB169719BS	SDG No.:	Q3108
Lab Sample ID:	PB169719BS	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :			

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

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

Raw Data: **BP025774.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:	61 Laurel Street	Date Received:	
Client Sample ID:	PB169719BS	SDG No.:	Q3108
Lab Sample ID:	PB169719BS	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :			

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

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
86-30-6	n-Nitrosodiphenylamine	40.0		0.58	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	40.6		0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	39.1		0.52	5.00	ug/L
1912-24-9	Atrazine	40.7		1.00	5.00	ug/L
85-01-8	Phenanthrene	39.1		0.50	5.00	ug/L
120-12-7	Anthracene	39.5		0.61	5.00	ug/L
86-74-8	Carbazole	39.6		0.72	5.00	ug/L
84-74-2	Di-n-butylphthalate	40.5		1.20	5.00	ug/L
206-44-0	Fluoranthene	38.8		0.82	5.00	ug/L
129-00-0	Pyrene	41.5		0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	41.5		1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	27.8		0.93	10.0	ug/L
218-01-9	Chrysene	39.8		0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	41.2		1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	39.8		2.30	10.0	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	42.8		0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	42.3		0.67	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	41.5		0.52	5.00	ug/L
123-91-1	1,4-Dioxane	31.8		1.00	5.00	ug/L
SURROGATES						
4165-60-0	Nitrobenzene-d5	69.0		67 - 132	69%	SPK: 100
321-60-8	2-Fluorobiphenyl	68.9		52 - 132	69%	SPK: 100
1718-51-0	Terphenyl-d14	72.6		42 - 152	73%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	164000	7.755			
1146-65-2	Naphthalene-d8	643000	10.519			
15067-26-2	Acenaphthene-d10	417000	14.372			
1517-22-2	Phenanthrene-d10	849000	17.172			
1719-03-5	Chrysene-d12	847000	21.624			
1520-96-3	Perylene-d12	873000	24.971			

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Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	61 Laurel Street			Date Received:	
Client Sample ID:	PB169719BS			SDG No.:	Q3108
Lab Sample ID:	PB169719BS			Matrix:	Water
Analytical Method:	8270E			% Solid:	0
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group1
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :					

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

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

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:	61 Laurel Street	Date Received:	
Client Sample ID:	PB169719BSD	SDG No.:	Q3108
Lab Sample ID:	PB169719BSD	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOCMS Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :			

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

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

Raw Data: **BP025775.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:	61 Laurel Street			Date Received:	
Client Sample ID:	PB169719BSD			SDG No.:	Q3108
Lab Sample ID:	PB169719BSD			Matrix:	Water
Analytical Method:	8270E			% Solid:	0
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000 uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group1
Extraction Type :			Decanted : N	Level :	LOW
Injection Volume :			GPC Factor : 1.0	GPC Cleanup : N	PH :
Prep Method :					

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

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
86-30-6	n-Nitrosodiphenylamine	40.0		0.58	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	39.9		0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	38.5		0.52	5.00	ug/L
1912-24-9	Atrazine	39.9		1.00	5.00	ug/L
85-01-8	Phenanthrene	39.0		0.50	5.00	ug/L
120-12-7	Anthracene	39.1		0.61	5.00	ug/L
86-74-8	Carbazole	39.4		0.72	5.00	ug/L
84-74-2	Di-n-butylphthalate	39.1		1.20	5.00	ug/L
206-44-0	Fluoranthene	39.3		0.82	5.00	ug/L
129-00-0	Pyrene	41.3		0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	42.1		1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	27.6		0.93	10.0	ug/L
218-01-9	Chrysene	39.5		0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	41.0		1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	39.2		2.30	10.0	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	42.6		0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	42.6		0.67	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	41.4		0.52	5.00	ug/L
123-91-1	1,4-Dioxane	32.7		1.00	5.00	ug/L
SURROGATES						
4165-60-0	Nitrobenzene-d5	69.8		67 - 132	70%	SPK: 100
321-60-8	2-Fluorobiphenyl	69.9		52 - 132	70%	SPK: 100
1718-51-0	Terphenyl-d14	72.7		42 - 152	73%	SPK: 100

INTERNAL STANDARDS			
3855-82-1	1,4-Dichlorobenzene-d4	165000	7.755
1146-65-2	Naphthalene-d8	637000	10.525
15067-26-2	Acenaphthene-d10	414000	14.372
1517-22-2	Phenanthrene-d10	845000	17.178
1719-03-5	Chrysene-d12	850000	21.63
1520-96-3	Perylene-d12	857000	24.983

Raw Data: **BP025775.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:	61 Laurel Street			Date Received:			
Client Sample ID:	PB169719BSD			SDG No.:	Q3108		
Lab Sample ID:	PB169719BSD			Matrix:	Water		
Analytical Method:	8270E			% Solid:	0		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000		uL
Soil Aliquot Vol:			uL	Test:	SVOCMS Group1		
Extraction Type :		Decanted :	N	Level :	LOW		
Injection Volume :		GPC Factor :	1.0	GPC Cleanup :	N	PH :	
Prep Method :							

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

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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 MSBNA_P

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP091225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Sep 11 16:45:04 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BP025725.D 5 =BP025726.D 10 =BP025727.D 20 =BP025728.D 40 =BP025729.D 50 =BP025733.D 60 =BP025731.D 80 =BP0257
32.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------	ISTD	----------							
2)		1,4-Dioxane		0.565	0.497	0.558	0.546	0.514	0.493	0.469	0.520	7.02
3)		Pyridine		1.376	1.317	1.526	1.566	1.464	1.400	1.380	1.432	6.23
4)		n-Nitrosodimet...			0.639	0.715	0.721	0.680	0.652	0.648	0.676	5.26
5)	S	2-Fluorophenol		1.139	1.123	1.320	1.362	1.282	1.238	1.213	1.240	7.19
6)		Aniline		1.980	1.981	2.462	2.509	2.372	2.265	2.263	2.262	9.42
7)	S	Phenol-d6		1.391	1.460	1.793	1.861	1.726	1.658	1.643	1.648	10.33
8)		2-Chlorophenol		1.229	1.196	1.448	1.508	1.410	1.366	1.361	1.360	8.28
9)		Benzaldehyde			1.037	0.748	0.875	1.207	1.077	0.981	0.987	16.23
10)	C	Phenol		1.512	1.525	1.848	1.964	1.819	1.751	1.741	1.737	9.59
11)		bis(2-Chloroet...		1.313	1.222	1.508	1.555	1.438	1.368	1.365	1.396	8.20
12)		1,3-Dichlorobe...		1.550	1.447	1.662	1.674	1.548	1.489	1.464	1.548	5.87
13)	C	1,4-Dichlorobe...		1.550	1.475	1.698	1.690	1.590	1.539	1.492	1.576	5.63
14)		1,2-Dichlorobe...		1.529	1.432	1.634	1.653	1.542	1.485	1.445	1.531	5.64
15)		Benzyl Alcohol			1.092	1.425	1.510	1.411	1.350	1.380	1.361	10.49
16)		2,2'-oxybis(1-...		2.241	2.133	2.476	2.493	2.291	2.164	2.179	2.282	6.47
17)		2-Methylphenol		0.973	1.030	1.268	1.319	1.231	1.185	1.192	1.171	10.72
18)		Hexachloroethane		0.603	0.557	0.633	0.647	0.609	0.588	0.579	0.602	5.18
19)	P	n-Nitroso-di-n...	0.961	1.032	1.047	1.300	1.320	1.230	1.151	1.151	1.149	11.29
20)		3+4-Methylphenols			1.352	1.721	1.819	1.693	1.625	1.633	1.640	9.62
21)	I	Naphthalene-d8	----------	ISTD	----------							
22)		Acetophenone		0.474	0.488	0.583	0.588	0.550	0.538	0.520	0.534	8.19
23)	S	Nitrobenzene-d5		0.416	0.410	0.490	0.496	0.467	0.455	0.440	0.453	7.43
24)		Nitrobenzene		0.366	0.363	0.440	0.449	0.418	0.411	0.400	0.407	8.15
25)		Isophorone		0.737	0.726	0.862	0.860	0.815	0.791	0.787	0.797	6.76
26)	C	2-Nitrophenol		0.141	0.154	0.190	0.203	0.193	0.192	0.192	0.181	12.86
27)		2,4-Dimethylph...		0.263	0.286	0.345	0.356	0.327	0.320	0.320	0.317	10.24
28)		bis(2-Chloroet...		0.414	0.423	0.510	0.498	0.474	0.452	0.453	0.461	7.83
29)	C	2,4-Dichloroph...		0.267	0.270	0.339	0.349	0.337	0.327	0.323	0.316	10.66
30)		1,2,4-Trichlor...		0.355	0.335	0.377	0.378	0.357	0.346	0.343	0.356	4.60
31)		Naphthalene		1.072	1.028	1.164	1.147	1.084	1.044	1.010	1.078	5.41
32)		Benzoic acid			0.170	0.214	0.261	0.253	0.257	0.259	0.236	15.62
33)		4-Chloroaniline		0.343	0.391	0.489	0.510	0.477	0.465	0.471	0.449	13.27
34)	C	Hexachlorobuta...		0.226	0.219	0.247	0.242	0.227	0.226	0.217	0.229	4.97
35)		Caprolactam			0.105	0.127	0.132	0.123	0.120	0.123	0.122	7.52
36)	C	4-Chloro-3-met...		0.328	0.338	0.406	0.414	0.394	0.377	0.380	0.377	8.72
37)		2-Methylnaphth...		0.662	0.639	0.758	0.747	0.698	0.677	0.666	0.693	6.47
38)		1-Methylnaphth...		0.726	0.691	0.807	0.800	0.731	0.713	0.703	0.739	6.25

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

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

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

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

(#) = Out of Range

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q3108

Instrument ID: BNA_P Calibration Date/Time: 09/17/2025 12:03

Lab File ID: BP025769.D Init. Calib. Date(s): 09/11/2025 09/11/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 08:56 15:20

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

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

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q3108

Instrument ID: BNA_P Calibration Date/Time: 09/17/2025 12:03

Lab File ID: BP025769.D Init. Calib. Date(s): 09/11/2025 09/11/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 08:56 15:20

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

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

All other compounds must meet a minimum RRF of 0.010.

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q3108

Instrument ID: BNA_P Calibration Date/Time: 09/19/2025 10:12

Lab File ID: BP025792.D Init. Calib. Date(s): 09/11/2025 09/11/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 08:56 15:20

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

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

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Fax : 908 789 8922

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q3108

Instrument ID: BNA_P Calibration Date/Time: 09/19/2025 10:12

Lab File ID: BP025792.D Init. Calib. Date(s): 09/11/2025 09/11/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 08:56 15:20

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

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

All other compounds must meet a minimum RRF of 0.010.

SAMPLE RAW DATA

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
Data File : BP025796.D
Acq On : 19 Sep 2025 13:01
Operator : CG/JU
Sample : Q3108-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW2

Quant Time: Sep 19 13:23:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.749	152	165881	20.000	ng	-0.01
21) Naphthalene-d8	10.519	136	650117	20.000	ng	0.00
39) Acenaphthene-d10	14.372	164	426439	20.000	ng	0.00
64) Phenanthrene-d10	17.178	188	855270	20.000	ng	0.00
76) Chrysene-d12	21.624	240	903003	20.000	ng	-0.02
86) Perylene-d12	24.983	264	964980	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	764877	74.401	ng	0.00
7) Phenol-d6	6.943	99	586055	42.888	ng	0.00
23) Nitrobenzene-d5	8.896	82	1370645	92.999	ng	0.00
42) 2,4,6-Tribromophenol	15.889	330	774413	145.594	ng	-0.02
45) 2-Fluorobiphenyl	12.984	172	2867026	89.520	ng	0.00
79) Terphenyl-d14	19.895	244	4227832	84.228	ng	-0.02
Target Compounds						Qvalue
27) 2,4-Dimethylphenol	9.749	122	37354	3.627	ng	# 89
31) Naphthalene	10.566	128	116338	3.319	ng	# 87
38) 1-Methylnaphthalene	12.401	142	76940	3.205	ng	# 98

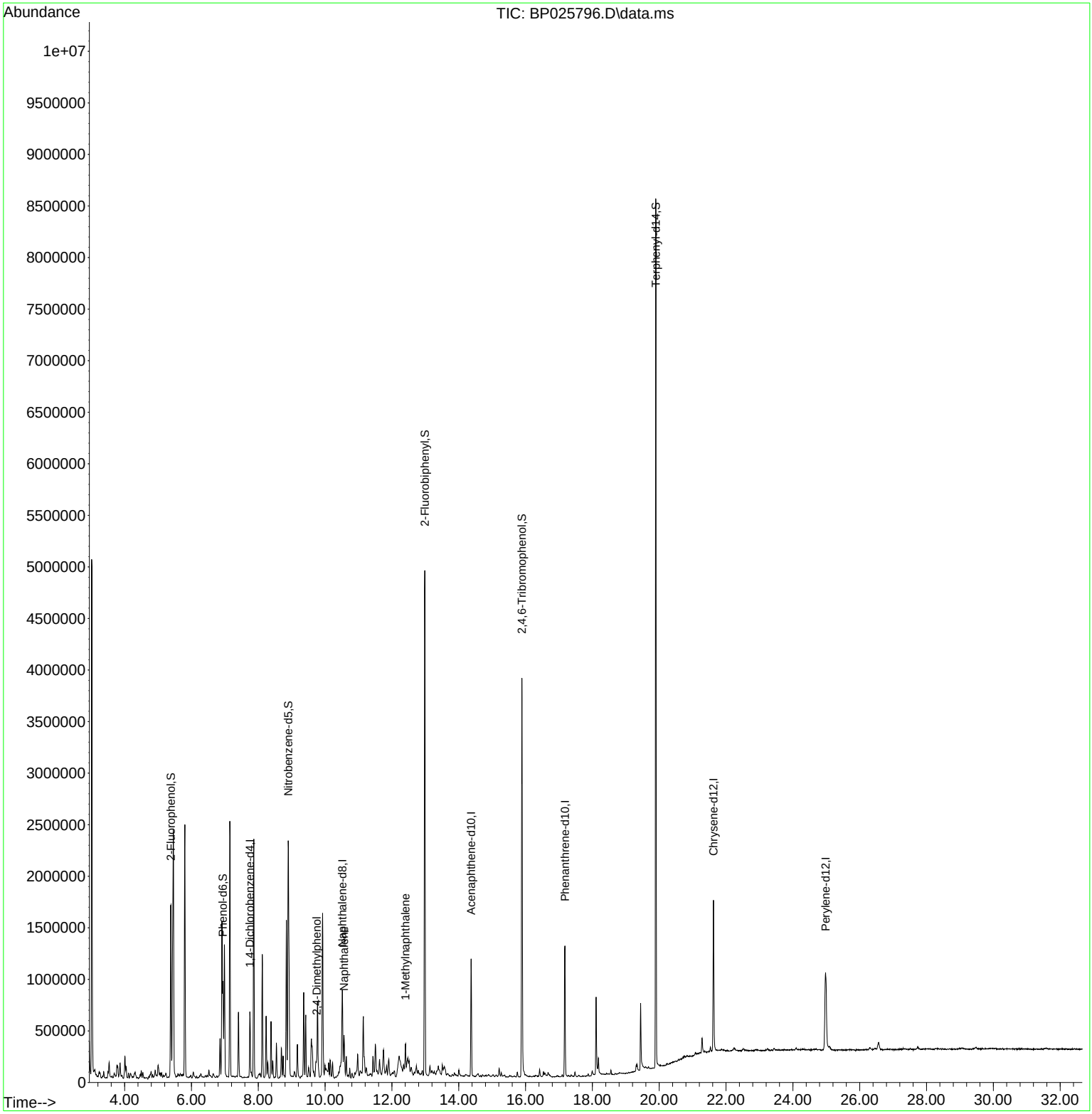
(#) = qualifier out of range (m) = manual integration (+) = signals summed

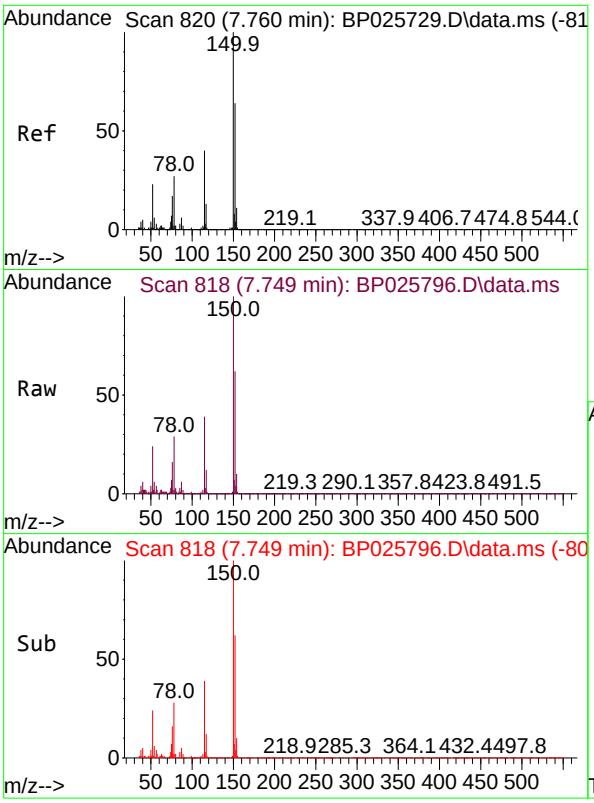
Sample Results: **BP025796.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
Data File : BP025796.D
Acq On : 19 Sep 2025 13:01
Operator : CG/JU
Sample : Q3108-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW2

Quant Time: Sep 19 13:23:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration



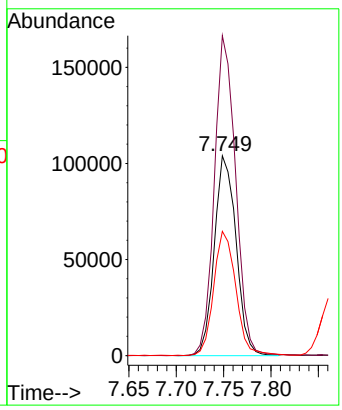


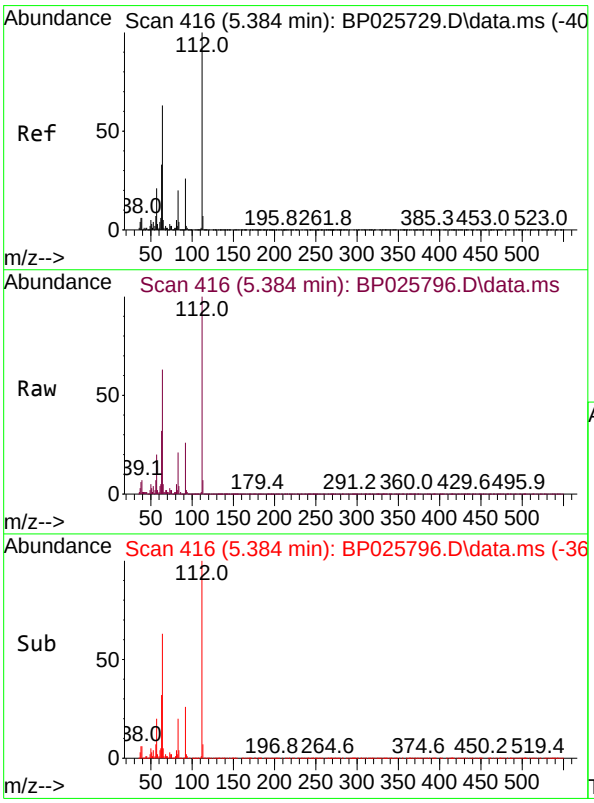
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.749 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP025796.D
Acq: 19 Sep 2025 13:01

Instrument :
BNA_P
ClientSampleId :
MW2

Tgt Ion:152 Resp: 165881

Ion	Ratio	Lower	Upper
152	100		
150	160.2	124.3	186.5
115	62.2	50.3	75.5

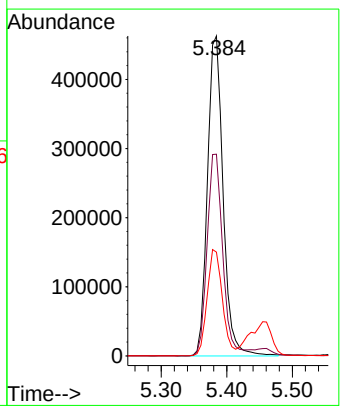


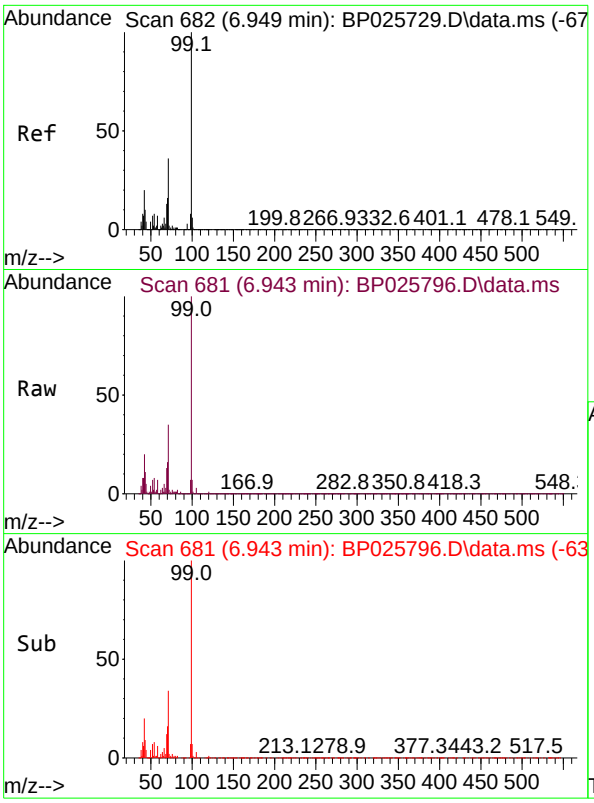


#5
2-Fluorophenol
Concen: 74.401 ng
RT: 5.384 min Scan# 416
Delta R.T. -0.000 min
Lab File: BP025796.D
Acq: 19 Sep 2025 13:01

Tgt Ion:112 Resp: 764877

Ion	Ratio	Lower	Upper
112	100		
64	63.0	50.2	75.4
63	32.4	26.7	40.1



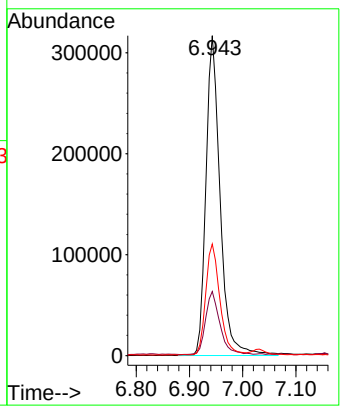


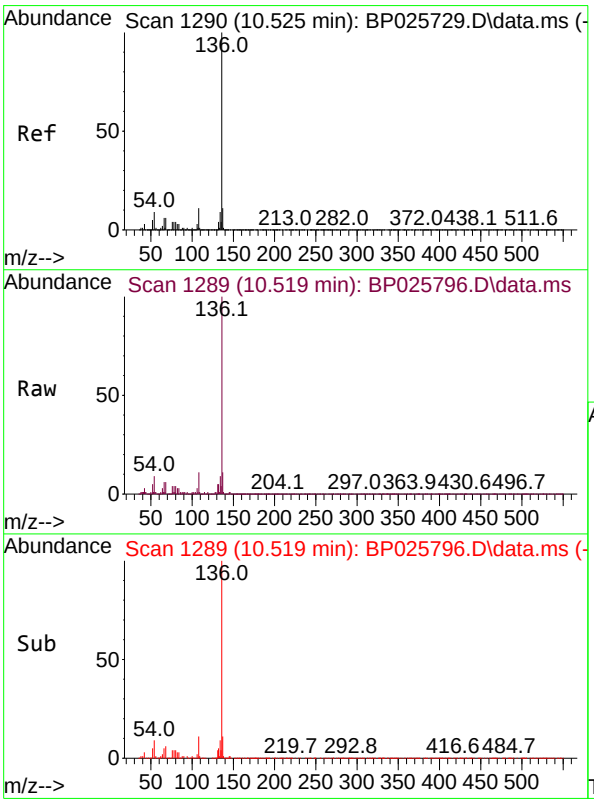
#7
Phenol-d6
Concen: 42.888 ng
RT: 6.943 min Scan# 68
Delta R.T. -0.006 min
Lab File: BP025796.D
Acq: 19 Sep 2025 13:01

Instrument :
BNA_P
ClientSampleId :
MW2

Tgt Ion: 99 Resp: 586055

Ion	Ratio	Lower	Upper
99	100		
42	20.0	15.6	23.4
71	34.9	28.6	43.0

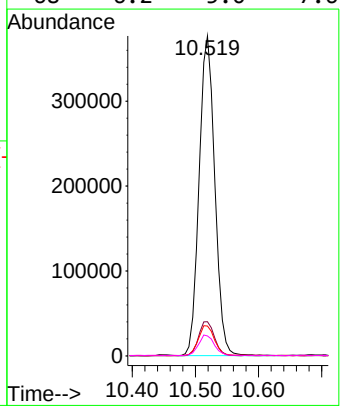


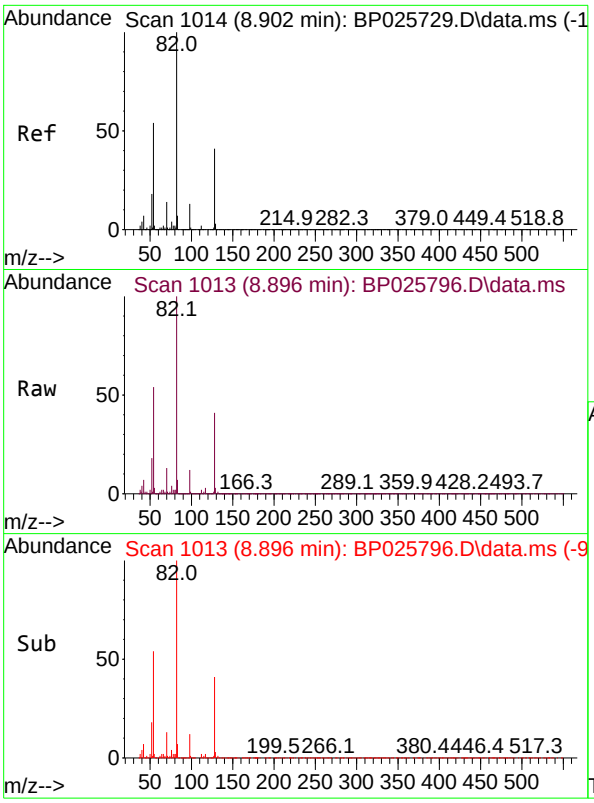


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.519 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BP025796.D
Acq: 19 Sep 2025 13:01

Tgt Ion:136 Resp: 650117

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	9.3	7.5	11.3
68	6.2	5.0	7.6



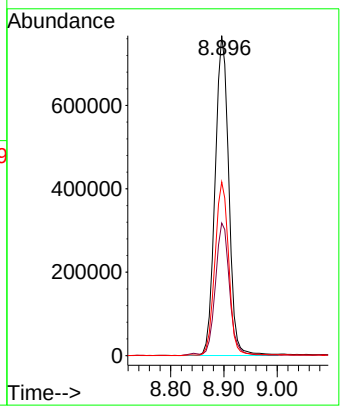


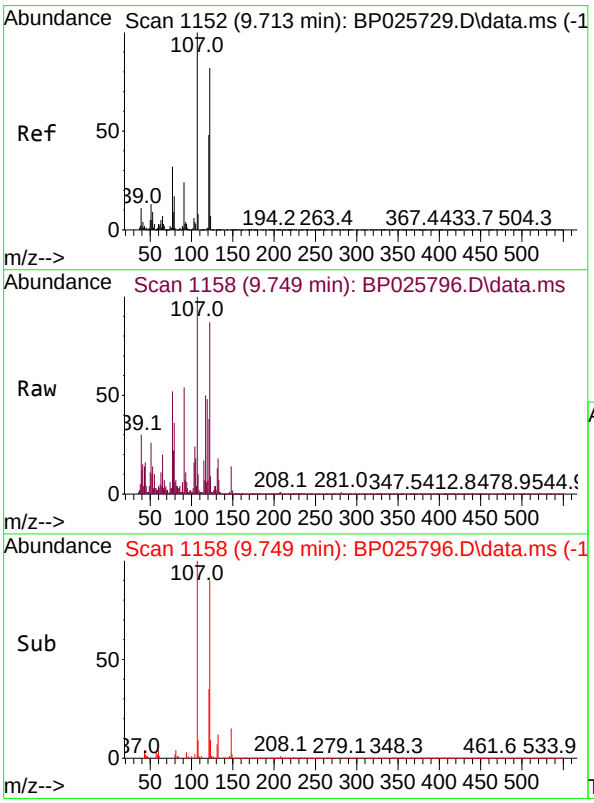
#23
Nitrobenzene-d5
Concen: 92.999 ng
RT: 8.896 min Scan# 10
Delta R.T. -0.006 min
Lab File: BP025796.D
Acq: 19 Sep 2025 13:01

Instrument :
BNA_P
ClientSampleId :
MW2

Tgt Ion: 82 Resp: 1370645

Ion	Ratio	Lower	Upper
82	100		
128	41.4	32.9	49.3
54	54.3	43.4	65.2

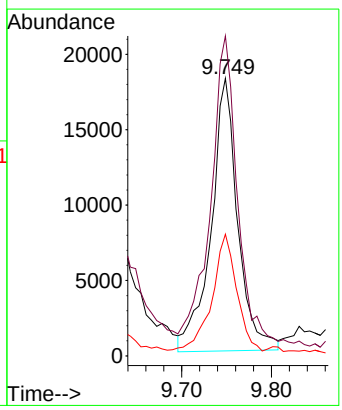


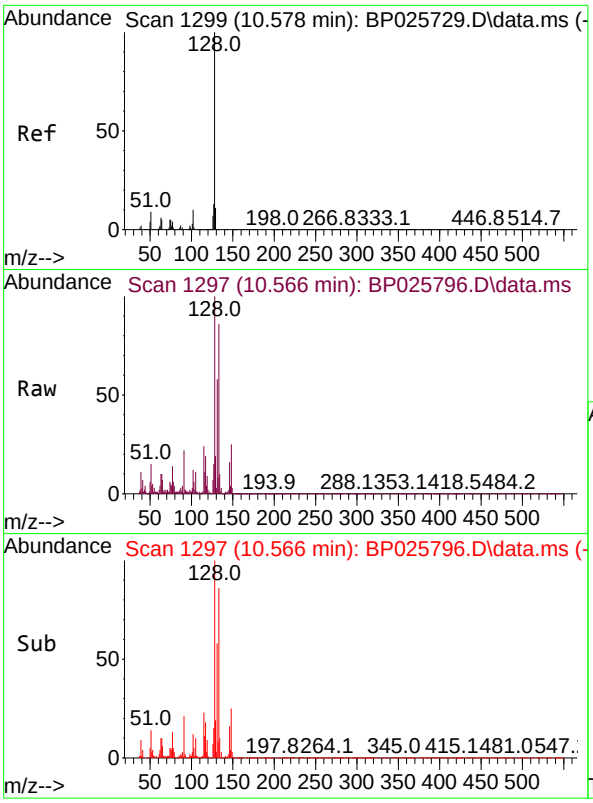


#27
2,4-Dimethylphenol
Concen: 3.627 ng
RT: 9.749 min Scan# 1158
Delta R.T. 0.035 min
Lab File: BP025796.D
Acq: 19 Sep 2025 13:01

Tgt Ion:122 Resp: 37354

Ion	Ratio	Lower	Upper
122	100		
107	115.3	97.9	146.9
121	43.8	47.4	71.0#



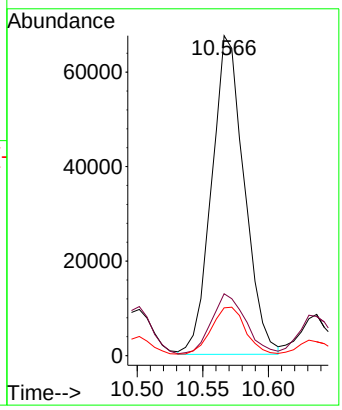


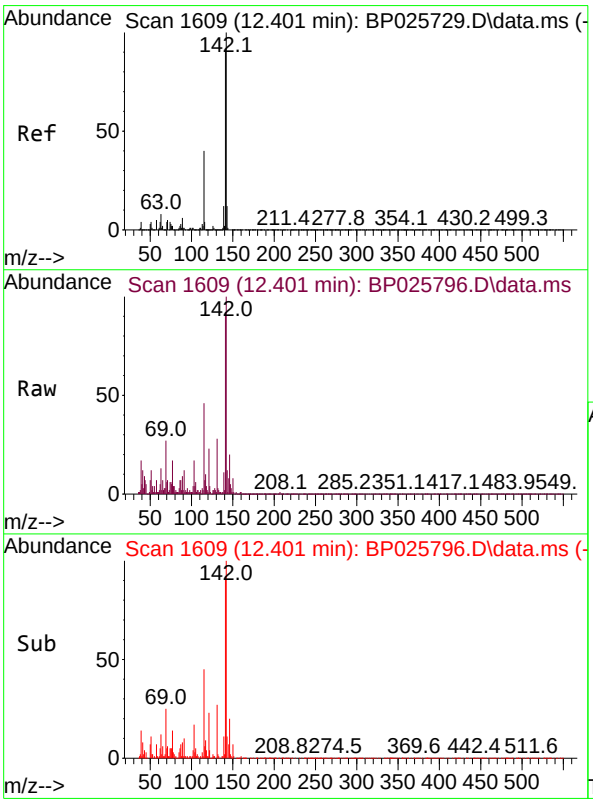
#31
Naphthalene
Concen: 3.319 ng
RT: 10.566 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP025796.D
Acq: 19 Sep 2025 13:01

Instrument :
BNA_P
ClientSampleId :
MW2

Tgt Ion:128 Resp: 116338

Ion	Ratio	Lower	Upper
128	100		
129	19.4	8.6	12.8#
127	14.9	10.2	15.4

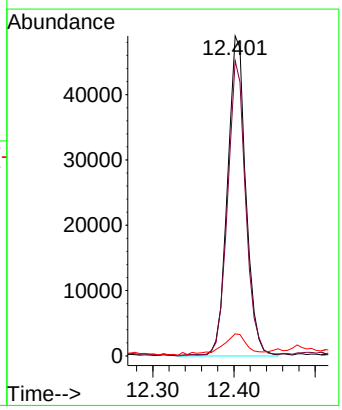


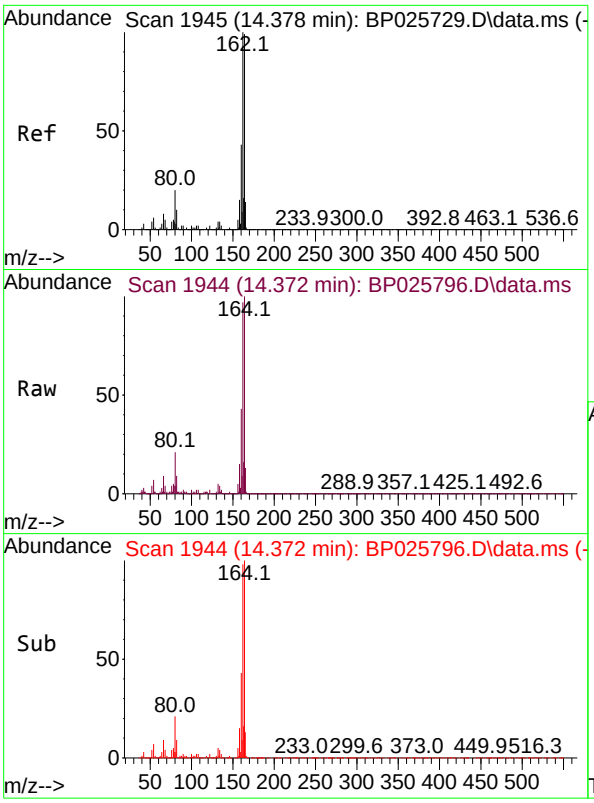


#38
1-Methylnaphthalene
Concen: 3.205 ng
RT: 12.401 min Scan# 1609
Delta R.T. -0.000 min
Lab File: BP025796.D
Acq: 19 Sep 2025 13:01

Tgt Ion:142 Resp: 76940

Ion	Ratio	Lower	Upper
142	100		
141	92.2	72.7	109.1
116	6.9	3.5	5.3#



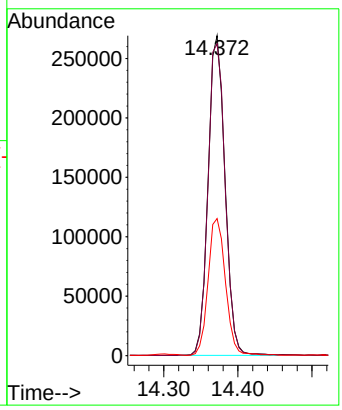


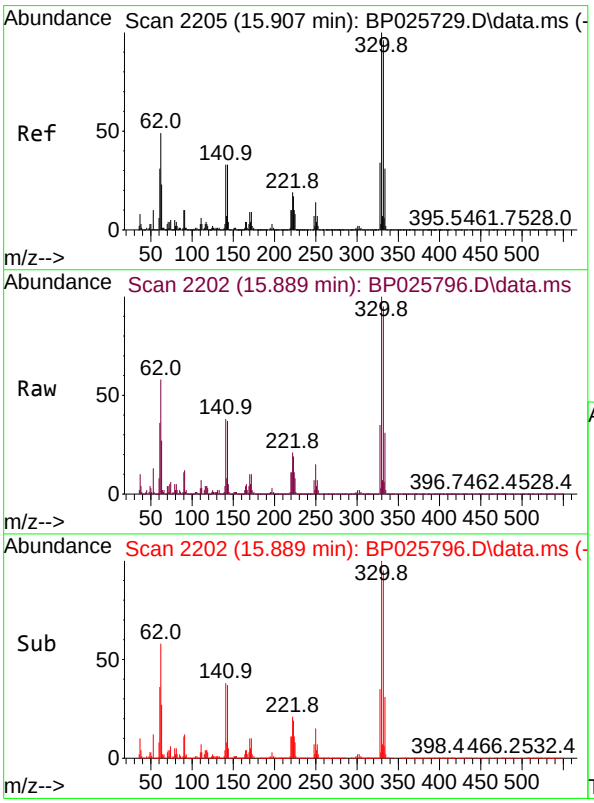
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.372 min Scan# 19
Delta R.T. -0.006 min
Lab File: BP025796.D
Acq: 19 Sep 2025 13:01

Instrument :
BNA_P
ClientSampleId :
MW2

Tgt Ion:164 Resp: 426439

Ion	Ratio	Lower	Upper
164	100		
162	97.4	80.6	120.8
160	42.8	35.0	52.6

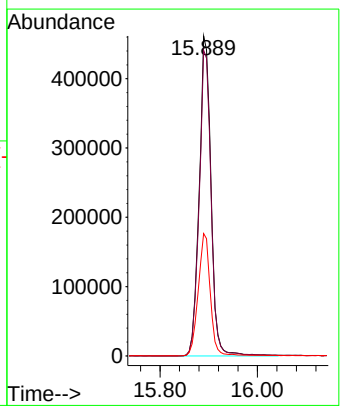


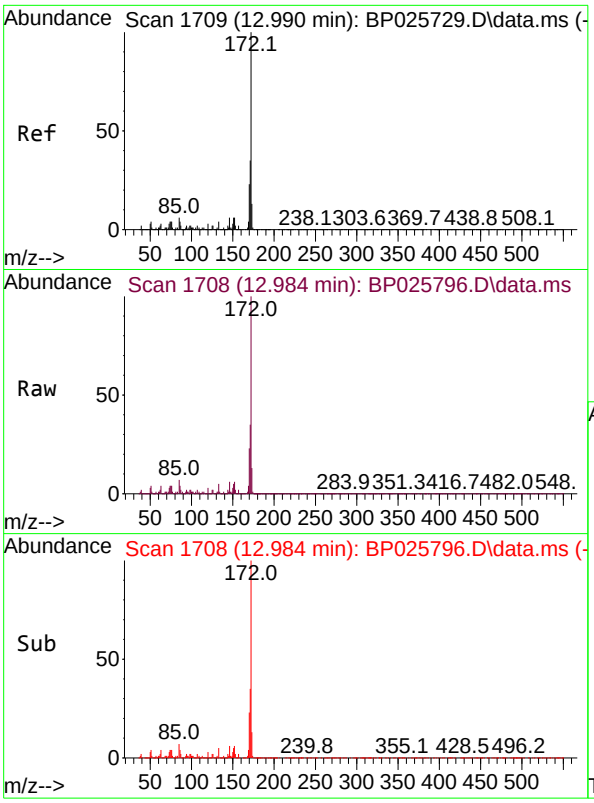


#42
2,4,6-Tribromophenol
Concen: 145.594 ng
RT: 15.889 min Scan# 2202
Delta R.T. -0.018 min
Lab File: BP025796.D
Acq: 19 Sep 2025 13:01

Tgt Ion:330 Resp: 774413

Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.9	115.3
141	38.9	31.0	46.4



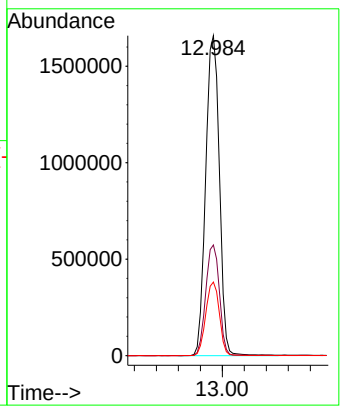


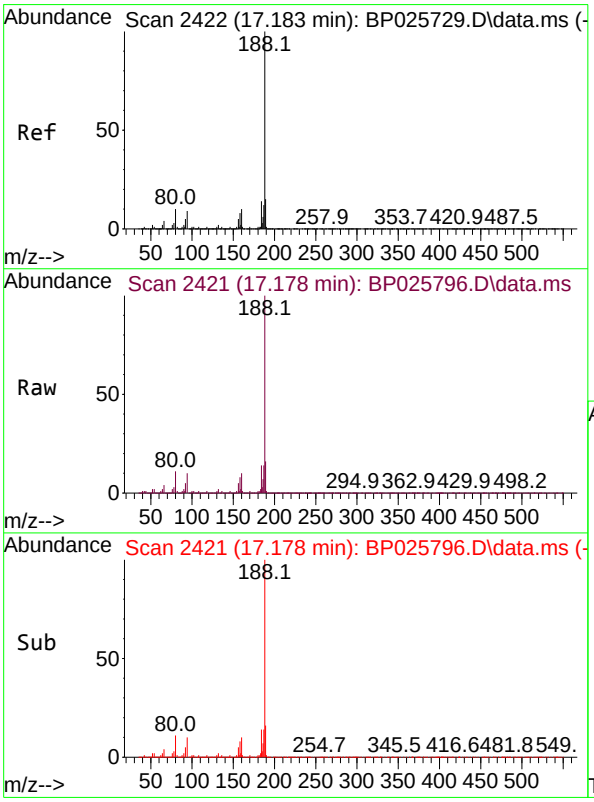
#45
2-Fluorobiphenyl
Concen: 89.520 ng
RT: 12.984 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025796.D
Acq: 19 Sep 2025 13:01

Instrument :
BNA_P
ClientSampleId :
MW2

Tgt Ion:172 Resp: 2867026

Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.8	41.6
170	23.0	18.6	27.8

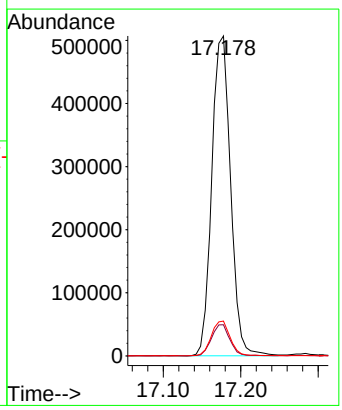


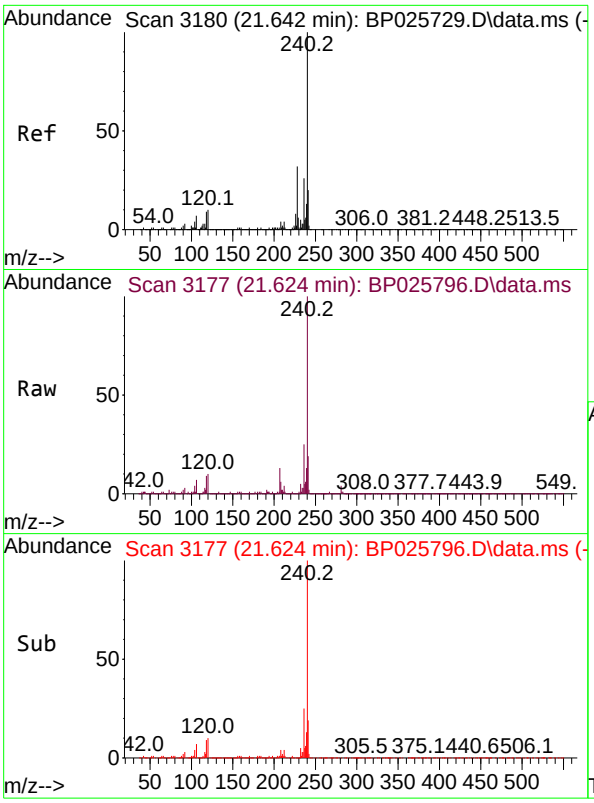


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.178 min Scan# 2421
Delta R.T. -0.006 min
Lab File: BP025796.D
Acq: 19 Sep 2025 13:01

Tgt Ion:188 Resp: 855270

Ion	Ratio	Lower	Upper
188	100		
94	9.7	7.4	11.0
80	10.9	7.7	11.5



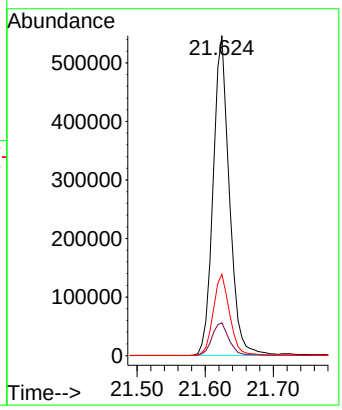


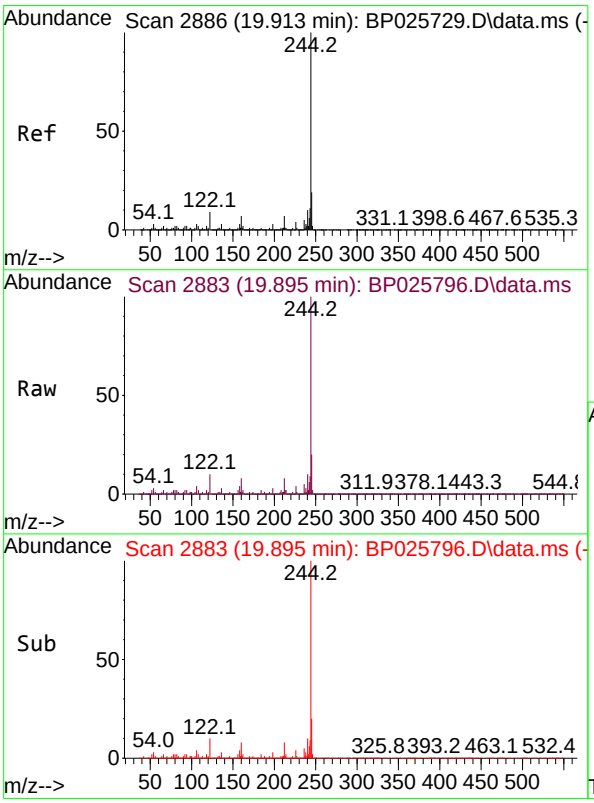
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.624 min Scan# 31
Delta R.T. -0.018 min
Lab File: BP025796.D
Acq: 19 Sep 2025 13:01

Instrument :
BNA_P
ClientSampleId :
MW2

Tgt Ion:240 Resp: 903003

Ion	Ratio	Lower	Upper
240	100		
120	10.2	8.0	12.0
236	25.4	20.7	31.1

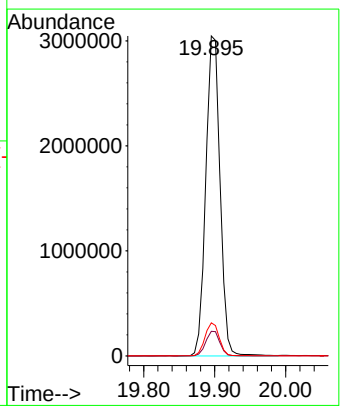


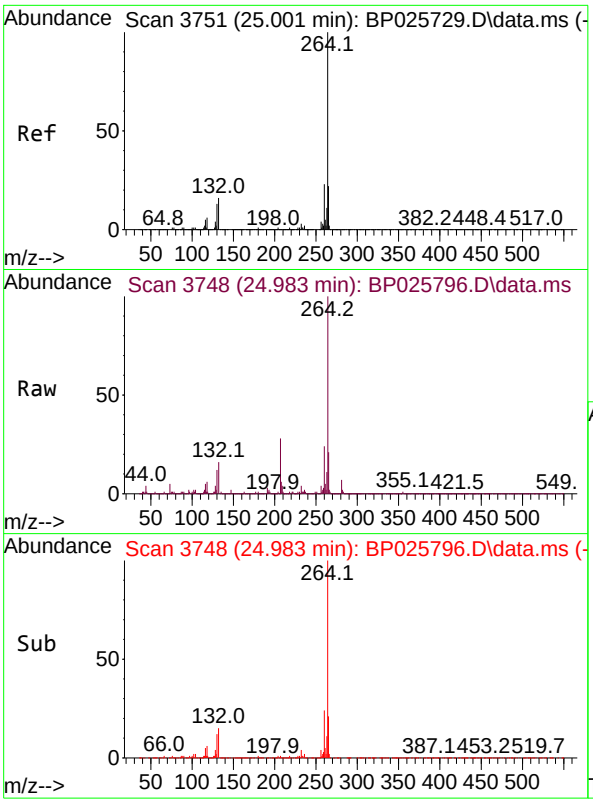


#79
Terphenyl-d14
Concen: 84.228 ng
RT: 19.895 min Scan# 2883
Delta R.T. -0.018 min
Lab File: BP025796.D
Acq: 19 Sep 2025 13:01

Tgt Ion:244 Resp: 4227832

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.9	8.9
122	10.3	7.1	10.7



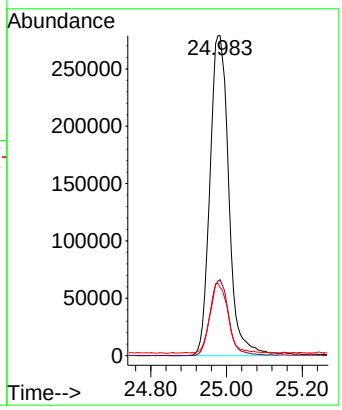


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.983 min Scan# 3
Delta R.T. -0.018 min
Lab File: BP025796.D
Acq: 19 Sep 2025 13:01

Instrument :
BNA_P
ClientSampleId :
MW2

Tgt Ion:264 Resp: 964980

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.3	27.5
265	21.4	17.3	25.9



Sample Results: **BP025796.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
Data File : BP025796.D
Acq On : 19 Sep 2025 13:01
Operator : CG/JU
Sample : Q3108-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW2

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_P\Methods\8270E-BP091225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025796.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.014	8	13	22	rBV	4988739	7086480	60.81%	6.482%
2	3.537	98	102	111	rVB3	145646	256258	2.20%	0.234%
3	3.772	137	142	144	rBV	106522	167160	1.43%	0.153%
4	3.867	150	158	164	rBV2	130542	218204	1.87%	0.200%
5	4.008	174	182	186	rBV2	218204	401022	3.44%	0.367%
6	4.043	186	188	193	rVB	108887	145838	1.25%	0.133%
7	4.178	205	211	220	rBV7	45615	121020	1.04%	0.111%
8	4.314	226	234	242	rVB6	60066	180499	1.55%	0.165%
9	4.914	327	336	341	rBV3	68444	140454	1.21%	0.128%
10	5.002	346	351	358	rBV5	105898	235209	2.02%	0.215%
11	5.384	406	416	420	rBV	1673137	2749873	23.60%	2.515%
12	5.455	420	428	442	rVB	2393736	5520311	47.37%	5.049%
13	5.802	480	487	498	rVB	2449585	3823977	32.81%	3.498%
14	6.055	523	530	543	rVB3	60320	165865	1.42%	0.152%
15	6.855	654	666	670	rBV	377576	597205	5.12%	0.546%
16	6.913	670	676	679	rVV	1511606	2554288	21.92%	2.336%
17	6.943	679	681	685	rVV	930088	1387270	11.90%	1.269%
18	6.984	685	688	700	rVB	1279816	2071752	17.78%	1.895%
19	7.149	709	716	726	rBV	2482059	3830822	32.87%	3.504%
20	7.408	753	760	767	rBV	628766	1028049	8.82%	0.940%
21	7.749	811	818	824	rBV	635933	1018808	8.74%	0.932%
22	7.866	831	838	849	rVB	2316816	3770556	32.35%	3.449%
23	8.025	854	865	868	rBV3	41829	121625	1.04%	0.111%
24	8.119	875	881	891	rVB	1196946	1894321	16.25%	1.733%
25	8.237	892	901	905	rVV	599893	969062	8.32%	0.886%
26	8.284	905	909	916	rVB2	155029	268318	2.30%	0.245%
27	8.384	919	926	931	rBV	549554	881504	7.56%	0.806%
28	8.431	931	934	941	rVB	165795	258609	2.22%	0.237%
29	8.543	948	953	963	rVB	344238	555593	4.77%	0.508%
30	8.690	971	978	983	rBV	282272	459590	3.94%	0.420%
31	8.743	983	987	992	rVB	193261	281158	2.41%	0.257%
32	8.843	997	1004	1008	rBV	1523023	2384293	20.46%	2.181%
33	8.896	1008	1013	1030	rVB2	2287784	5470952	46.94%	5.004%
34	9.078	1039	1044	1053	rVV4	53534	122118	1.05%	0.112%
35	9.172	1053	1060	1073	rVB	328240	627121	5.38%	0.574%
36	9.360	1086	1092	1097	rBV	801027	1185911	10.18%	1.085%

Sample Results: **BP025796.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
Data File : BP025796.D
Acq On : 19 Sep 2025 13:01
Operator : CG/JU
Sample : Q3108-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW2

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_P\Methods\8270E-BP091225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	9.419	1097	1102	1109	rVB	599562	920831	7.90%	0.842%
38	9.507	1112	1117	1125	rBV2	90794	189239	1.62%	0.173%
39	9.590	1125	1131	1134	rBV	369361	748142	6.42%	0.684%
40	9.725	1148	1154	1156	rBV3	148812	253281	2.17%	0.232%
41	9.772	1157	1162	1174	rVB	734544	1361697	11.68%	1.246%
42	9.925	1176	1188	1196	rBV2	1588044	2978537	25.56%	2.724%
43	9.996	1196	1200	1204	rBV	93262	157959	1.36%	0.144%
44	10.107	1215	1219	1223	rVB3	116963	162586	1.40%	0.149%
45	10.149	1223	1226	1233	rVV	159986	258495	2.22%	0.236%
46	10.225	1233	1239	1249	rVB	150100	272039	2.33%	0.249%
47	10.449	1272	1277	1279	rBV3	67689	123212	1.06%	0.113%
48	10.513	1279	1288	1293	rVV2	814794	1828520	15.69%	1.673%
49	10.566	1293	1297	1304	rVV3	389543	788824	6.77%	0.722%
50	10.637	1304	1309	1315	rVB	192927	314981	2.70%	0.288%
51	10.737	1322	1326	1332	rVB	98105	144064	1.24%	0.132%
52	10.972	1355	1366	1375	rVV	221740	571299	4.90%	0.523%
53	11.054	1375	1380	1385	rVV7	56443	156144	1.34%	0.143%
54	11.143	1389	1395	1406	rVV2	579530	1349761	11.58%	1.235%
55	11.231	1406	1410	1417	rVB6	76877	159916	1.37%	0.146%
56	11.431	1439	1444	1449	rBV	195688	327307	2.81%	0.299%
57	11.501	1451	1456	1463	rVV2	274293	538521	4.62%	0.493%
58	11.631	1472	1478	1488	rVB2	151321	307021	2.63%	0.281%
59	11.748	1488	1498	1506	rVV4	244619	633611	5.44%	0.580%
60	11.843	1506	1514	1518	rVV4	94314	196772	1.69%	0.180%
61	11.907	1518	1525	1533	rVB4	160034	369154	3.17%	0.338%
62	12.072	1548	1553	1561	rVB6	59574	140504	1.21%	0.129%
63	12.219	1561	1578	1595	rBV5	201850	1288409	11.06%	1.178%
64	12.407	1604	1610	1614	rBV2	240790	388436	3.33%	0.355%
65	12.478	1614	1622	1626	rBV5	92625	233807	2.01%	0.214%
66	12.572	1635	1638	1649	rVB5	74995	190987	1.64%	0.175%
67	12.731	1658	1665	1670	rVB3	73172	138675	1.19%	0.127%
68	12.984	1701	1708	1721	rVB	4897123	8360127	71.73%	7.647%
69	13.137	1727	1734	1739	rBV	92460	188498	1.62%	0.172%
70	13.507	1792	1797	1801	rBV4	94963	163988	1.41%	0.150%
71	14.372	1935	1944	1952	rBV	1142065	1855822	15.92%	1.697%
72	15.207	2079	2086	2093	rBV2	78959	158910	1.36%	0.145%
73	15.889	2193	2202	2217	rBV	3866092	6629413	56.88%	6.064%
74	16.419	2287	2292	2304	rVB	71261	120324	1.03%	0.110%
75	17.178	2413	2421	2432	rBV2	1268298	2134180	18.31%	1.952%
76	18.113	2574	2580	2587	rBV	750988	1211275	10.39%	1.108%

Sample Results: **BP025796.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
Data File : BP025796.D
Acq On : 19 Sep 2025 13:01
Operator : CG/JU
Sample : Q3108-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW2

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_P\Methods\8270E-BP091225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	18.178	2588	2591	2607	rVB	158619	283525	2.43%	0.259%
78	19.442	2801	2806	2817	rBV	653862	1133559	9.73%	1.037%
79	19.895	2878	2883	2902	rBV	8417885	11654340	100.00%	10.660%
80	21.283	3115	3119	3128	rVB3	135141	248007	2.13%	0.227%
81	21.624	3171	3177	3192	rVB	1455658	2412172	20.70%	2.206%
82	24.977	3739	3747	3764	rVB2	721904	2328915	19.98%	2.130%

Sum of corrected areas: 109326881

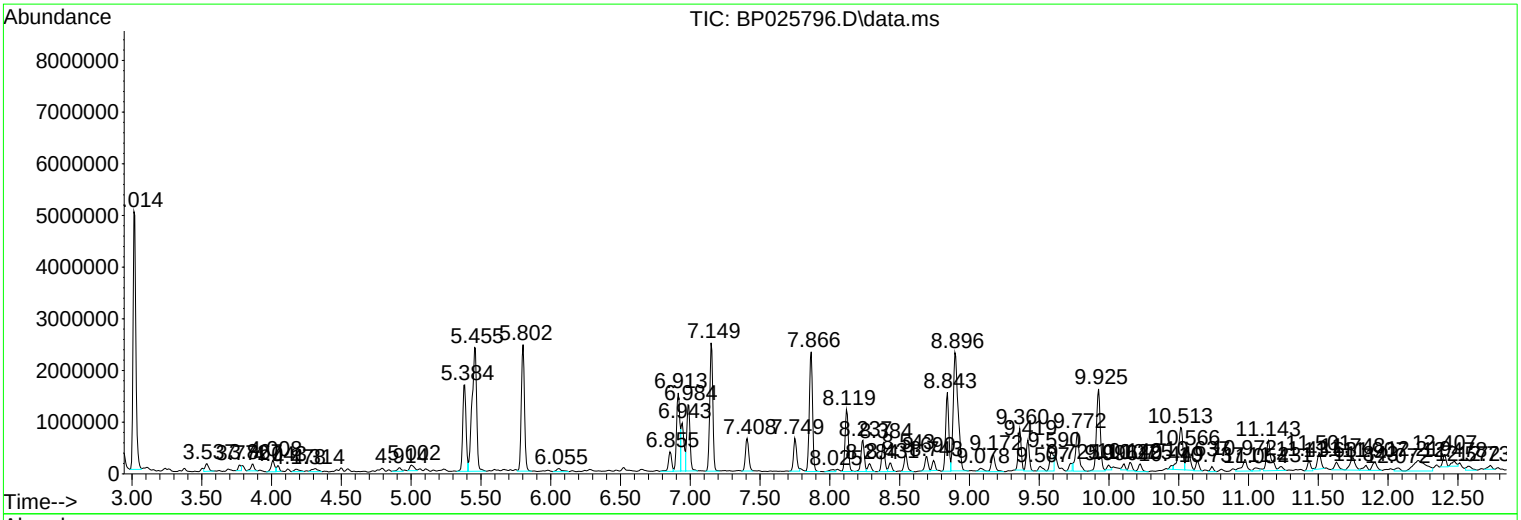
Sample Results: **BP025796.D**

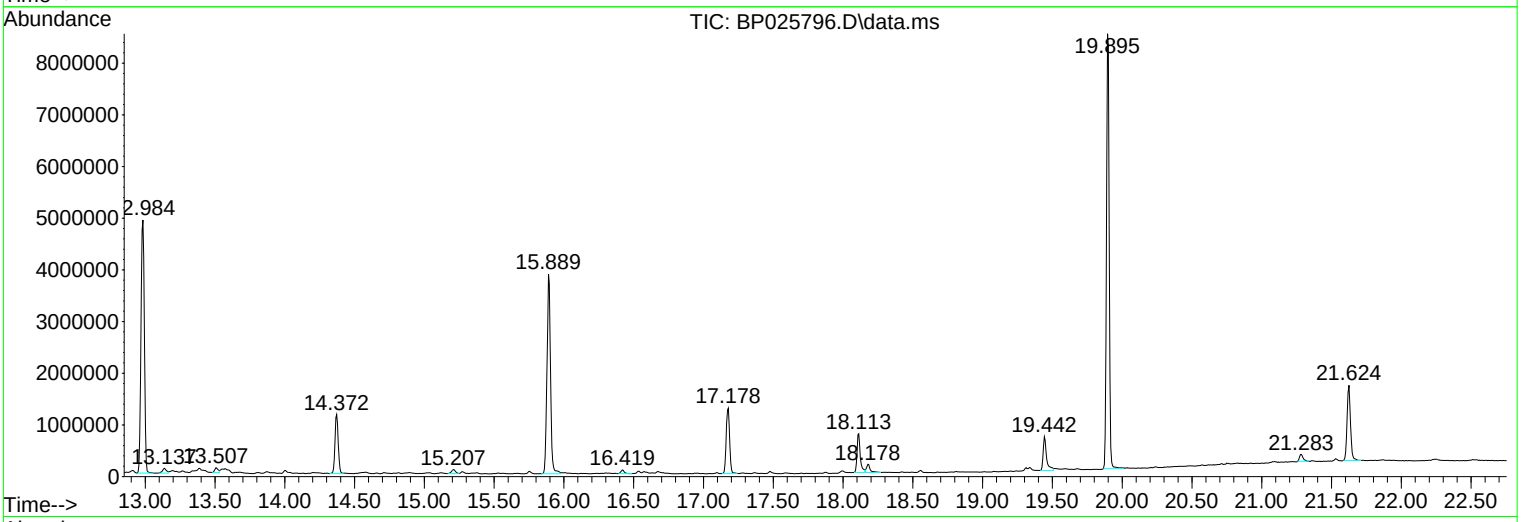
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
Data File : BP025796.D
Acq On : 19 Sep 2025 13:01
Operator : CG/JU
Sample : Q3108-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

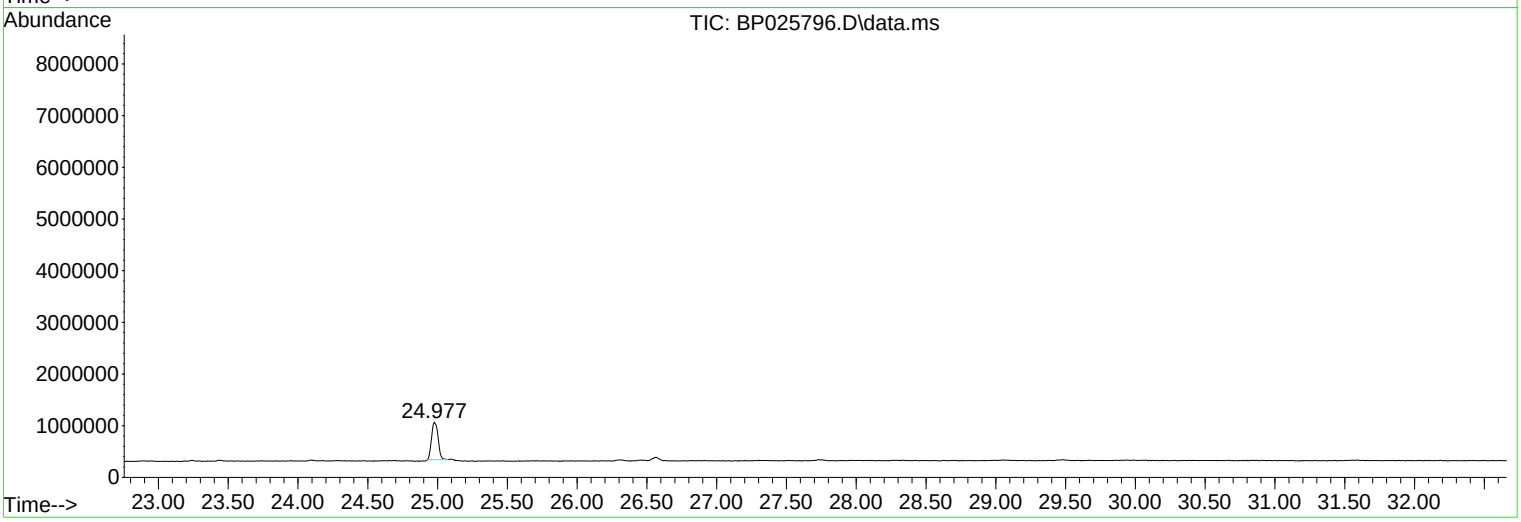
Instrument :
BNA_P
ClientSampleId :
MW2

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

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







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Acq On : 19 Sep 2025 13:01
Operator : CG/JU
Sample : Q3108-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW2

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

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

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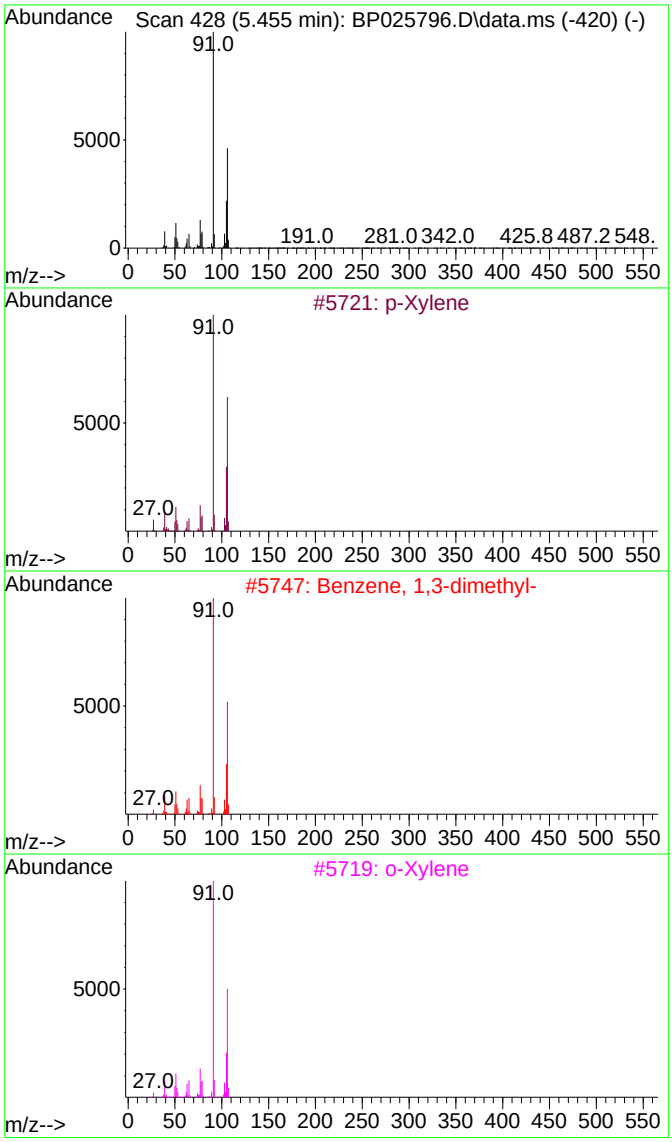
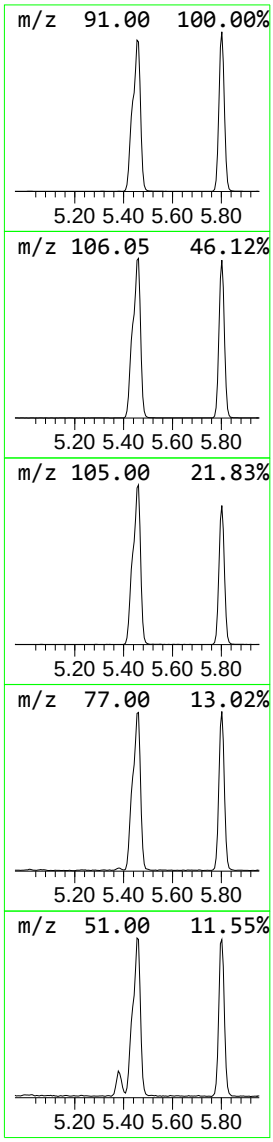
Peak Number 2 Benzene, 1,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.455	108.37 ng	5520310	1,4-Dichlorobenzene-d4	7.749

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Xylene	106	C8H10	000106-42-3	97
2	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
3	o-Xylene	106	C8H10	000095-47-6	97
4	1,3-Cyclopentadiene, 5-(1-methyl...	106	C8H10	002175-91-9	90
5	Ethylbenzene	106	C8H10	000100-41-4	83





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Operator : CG/JU
Sample : Q3108-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW2

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

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

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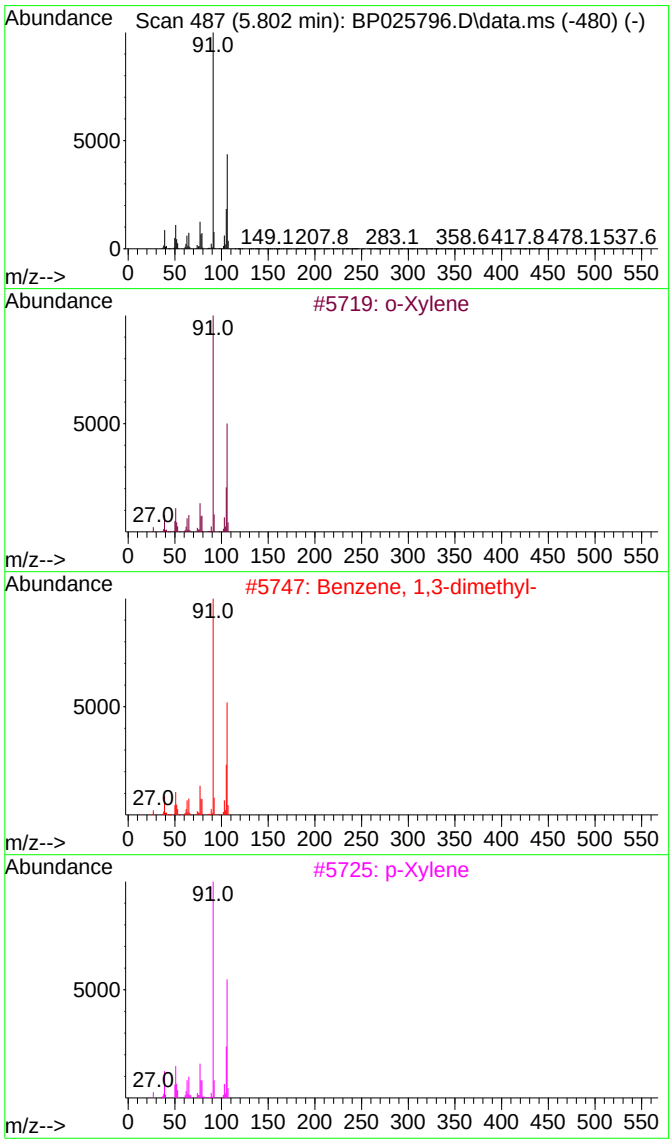
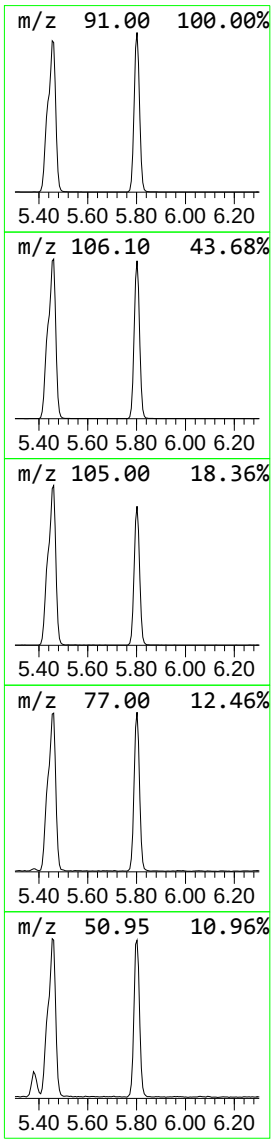
Peak Number 3 unknown5.802 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.802	75.07 ng	3823980	1,4-Dichlorobenzene-d4	7.749

Hit# of 4	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Xylene	106	C8H10	000095-47-6	97
2	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
3	p-Xylene	106	C8H10	000106-42-3	97
4	Ethylbenzene	106	C8H10	000100-41-4	91





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Sample : Q3108-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW2

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

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

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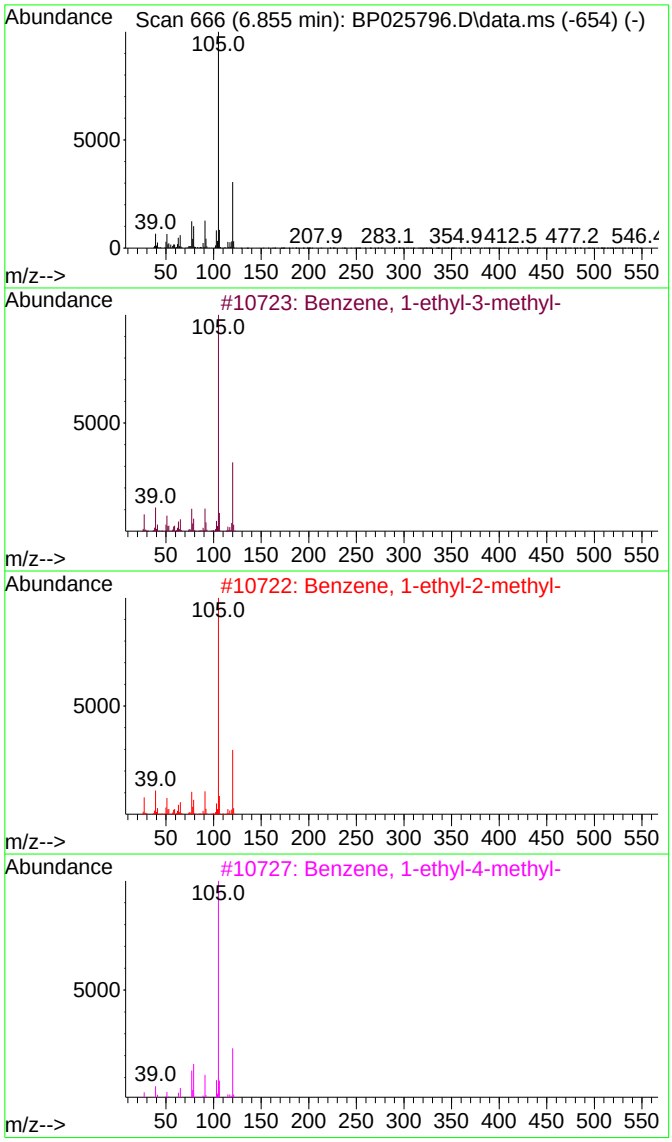
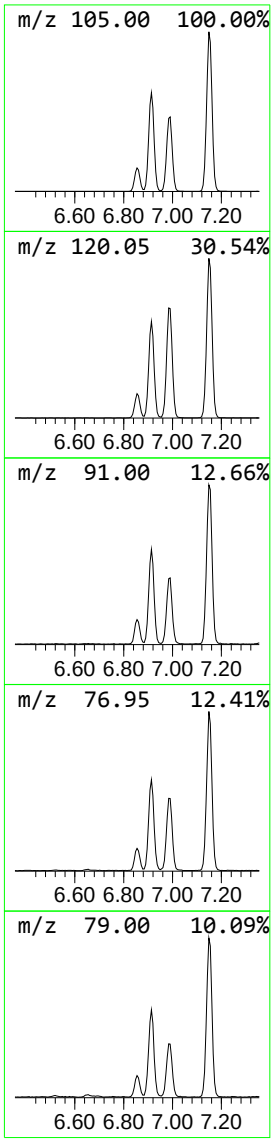
Peak Number 4 Benzene, 1-ethyl-3-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.855	11.72 ng	597205	1,4-Dichlorobenzene-d4	7.749

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





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Operator : CG/JU
Sample : Q3108-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW2

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

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

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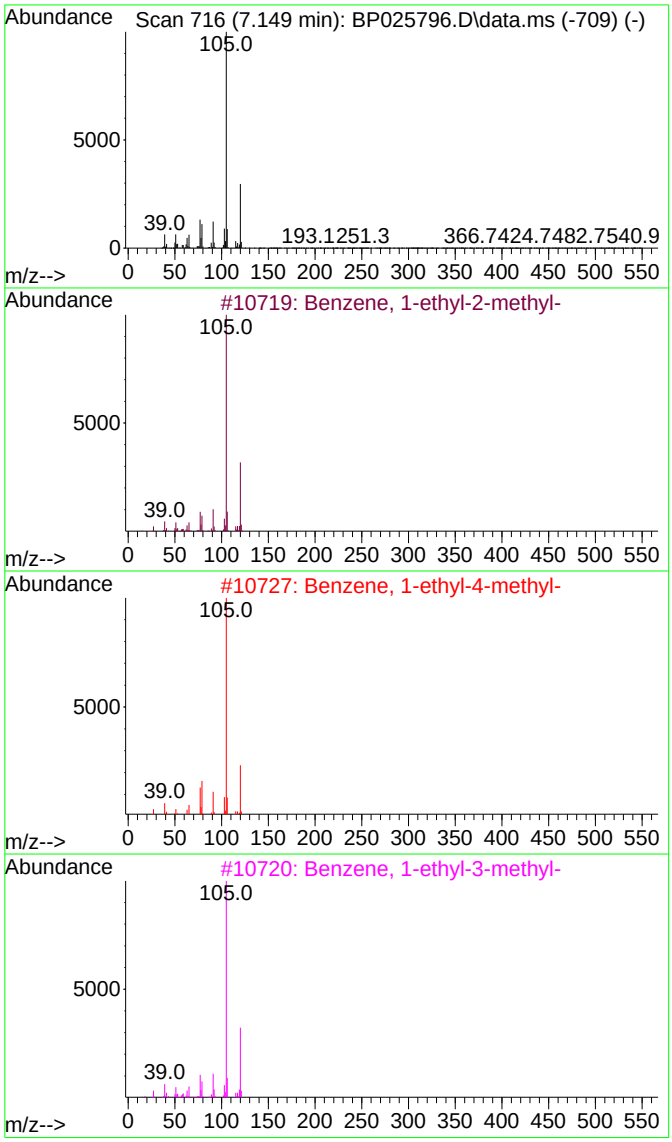
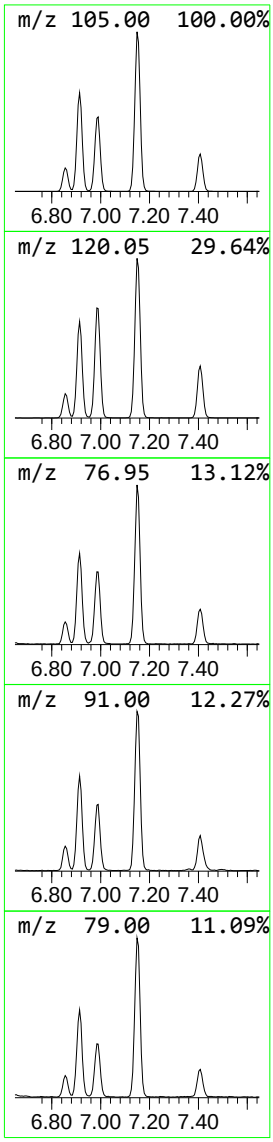
Peak Number 5 Benzene, 1-ethyl-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.149	75.20 ng	3830820	1,4-Dichlorobenzene-d4	7.749

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	94
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





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Sample : Q3108-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW2

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

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

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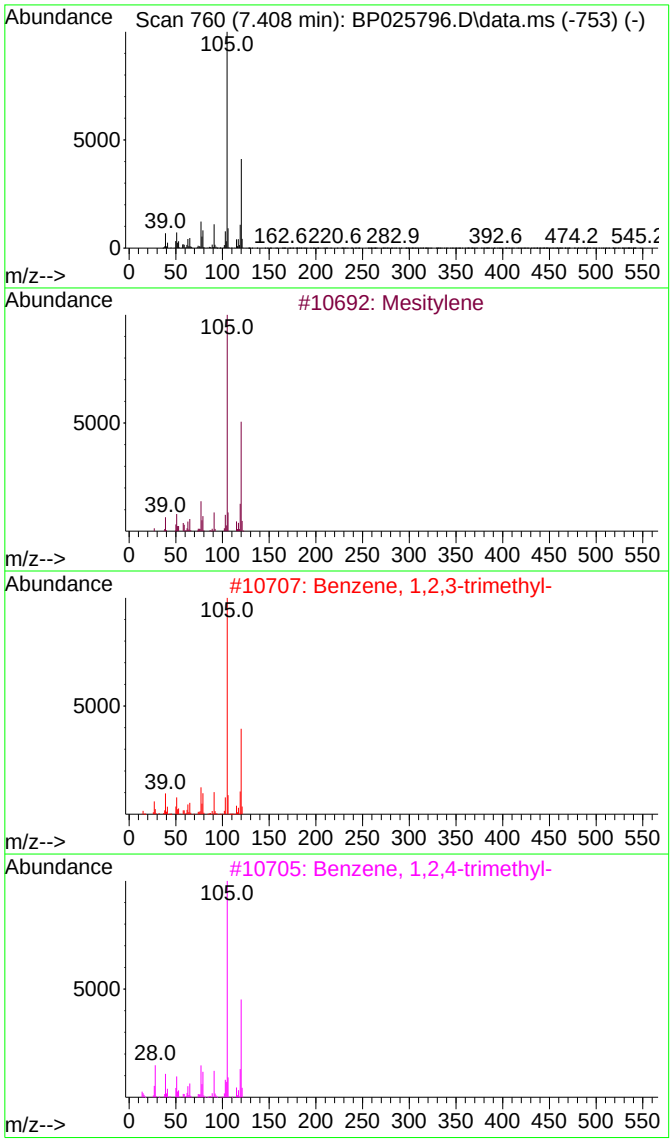
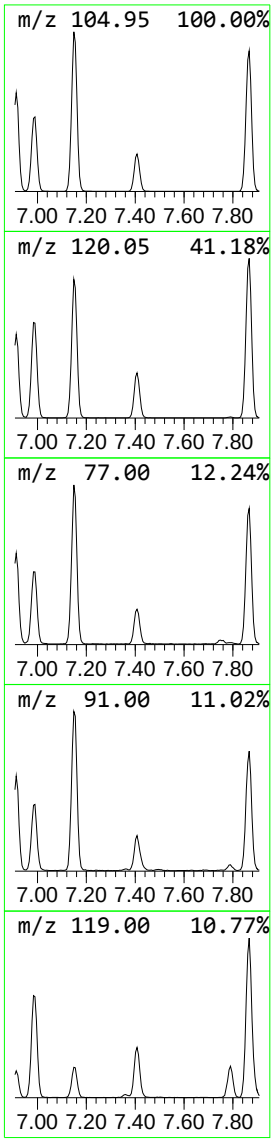
Peak Number 6 Benzene, 1,2,3-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.408	20.18 ng	1028050	1,4-Dichlorobenzene-d4	7.749

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90





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Operator : CG/JU
Sample : Q3108-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW2

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

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

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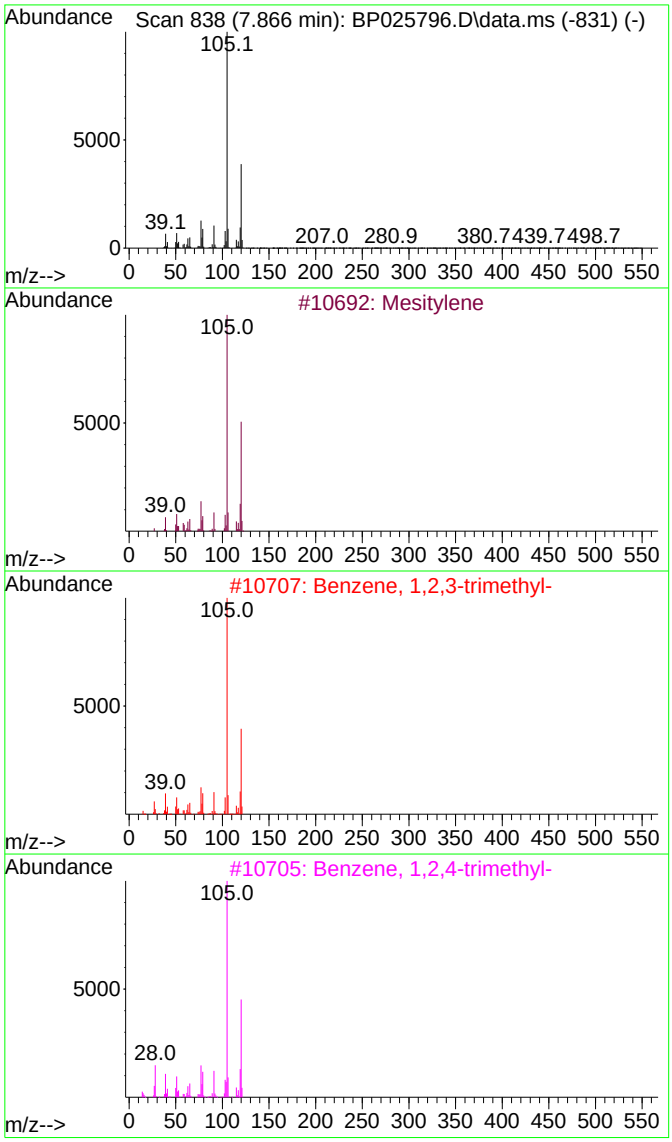
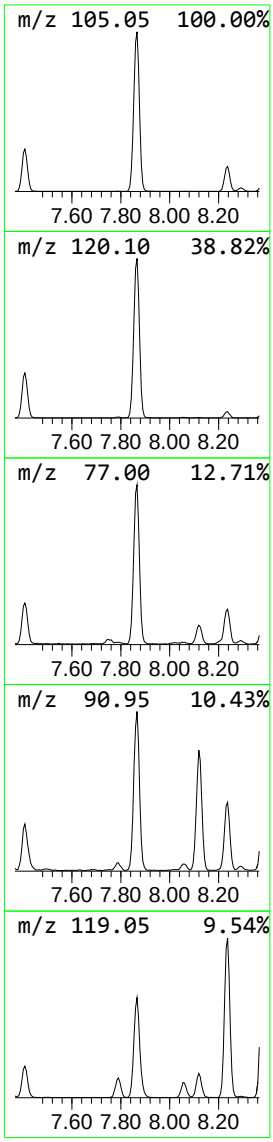
Peak Number 7 Benzene, 1,2,4-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.866	74.02 ng	3770560	1,4-Dichlorobenzene-d4	7.749

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	87





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Acq On : 19 Sep 2025 13:01
Operator : CG/JU
Sample : Q3108-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW2

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

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

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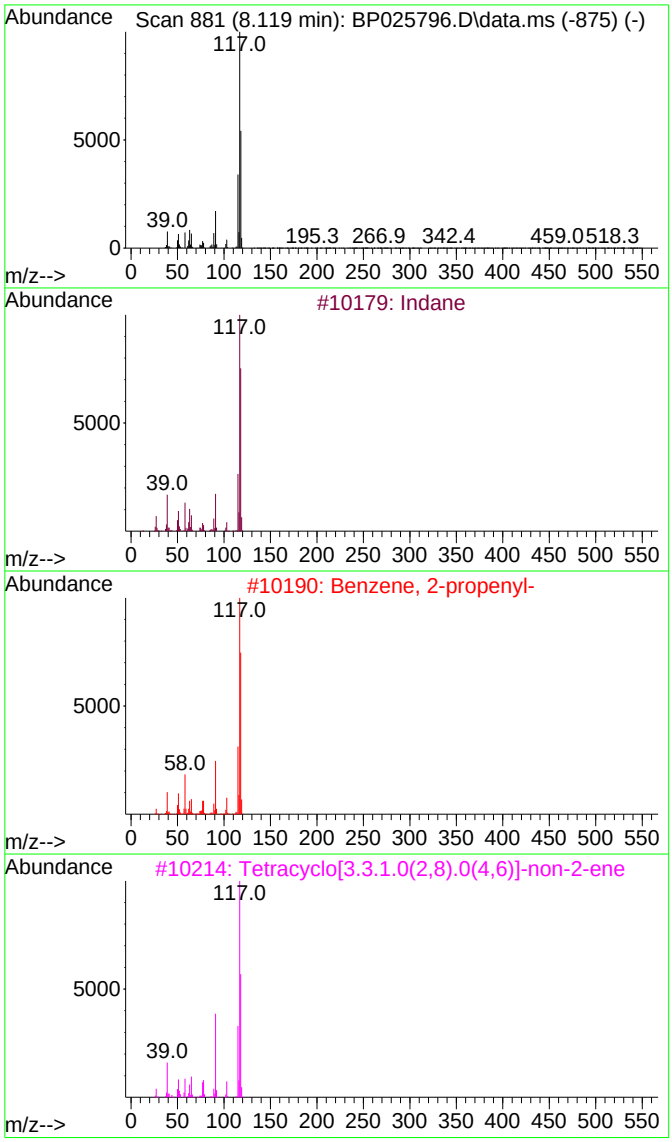
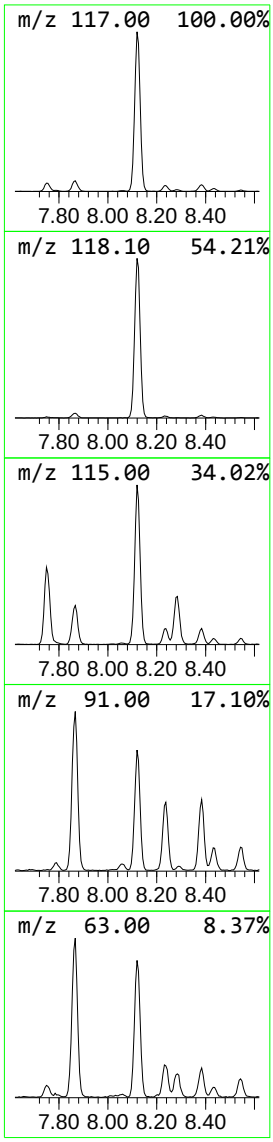
Peak Number 8 Indane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.119	37.19 ng	1894320	1,4-Dichlorobenzene-d4	7.749

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	91
2	Benzene, 2-propenyl-	118	C9H10	000300-57-2	72
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	72
4	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	60
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	59





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Sample : Q3108-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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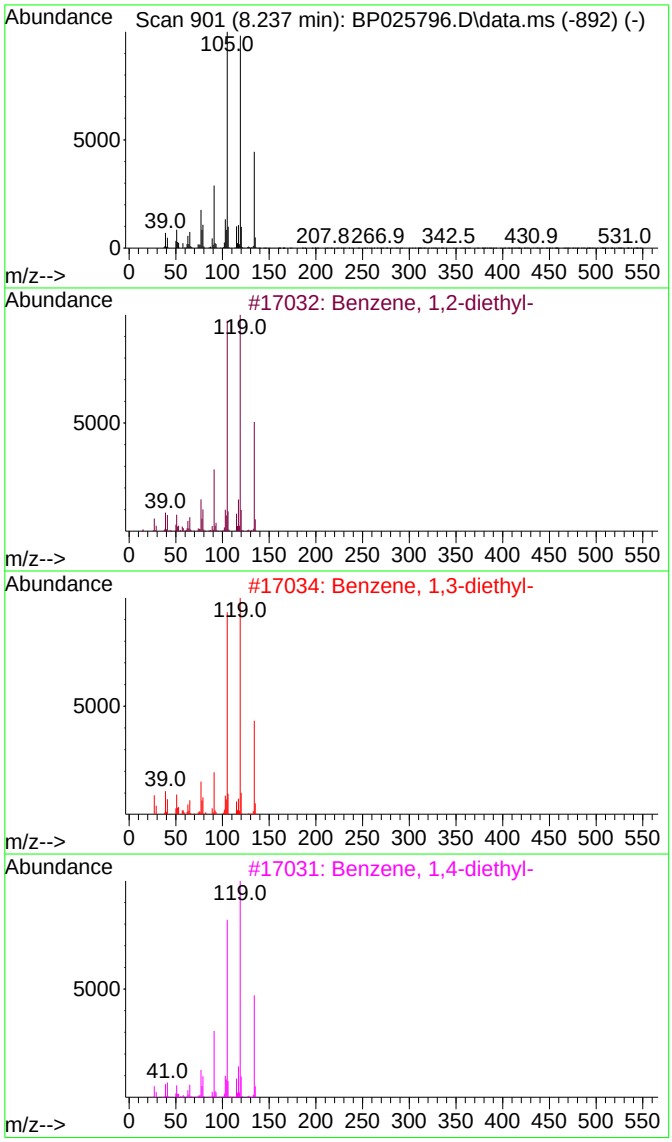
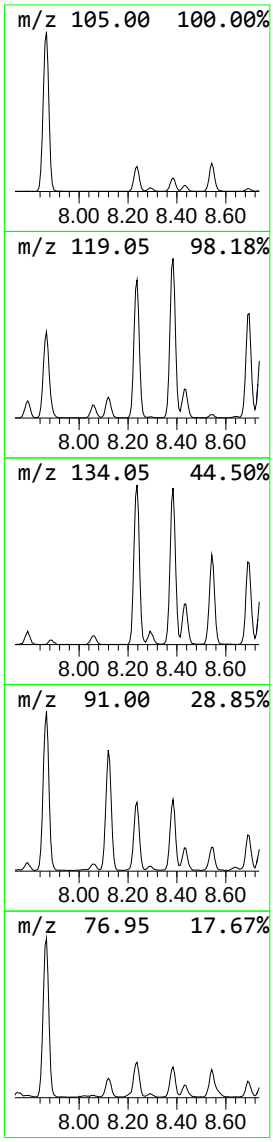
Peak Number 9 Benzene, 1,2-diethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.237	19.02 ng	969062	1,4-Dichlorobenzene-d4	7.749

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	96
2	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5	1,3,8-p-Menthatriene	134	C10H14	018368-95-1	83





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Sample : Q3108-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW2

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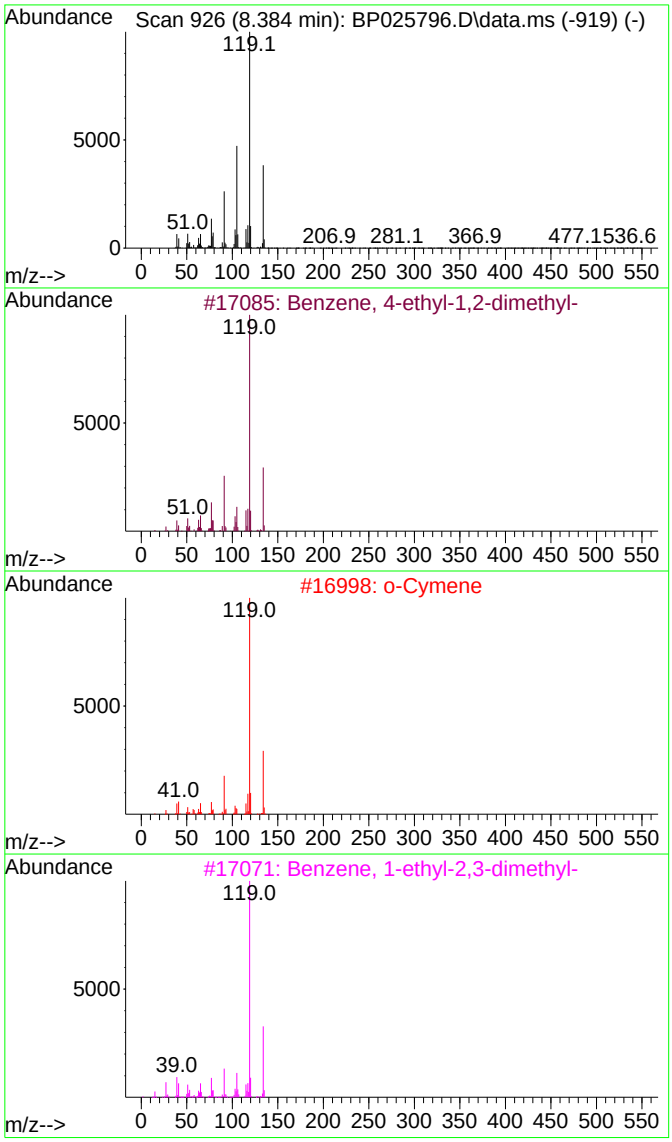
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

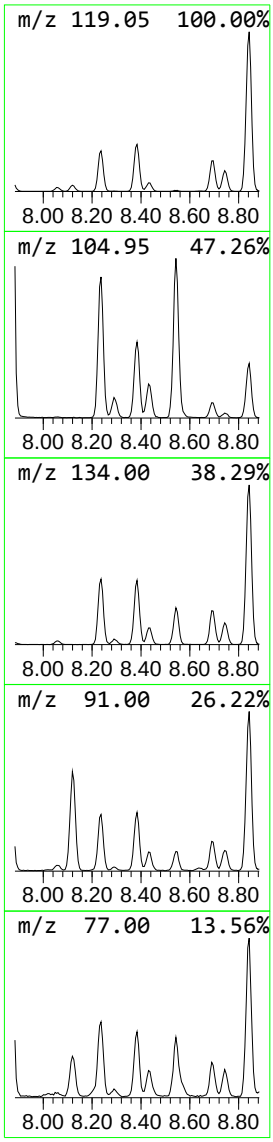
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.384	17.30 ng	881504	1,4-Dichlorobenzene-d4	7.749

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	95
2	o-Cymene	134	C10H14	000527-84-4	94
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91





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ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW2

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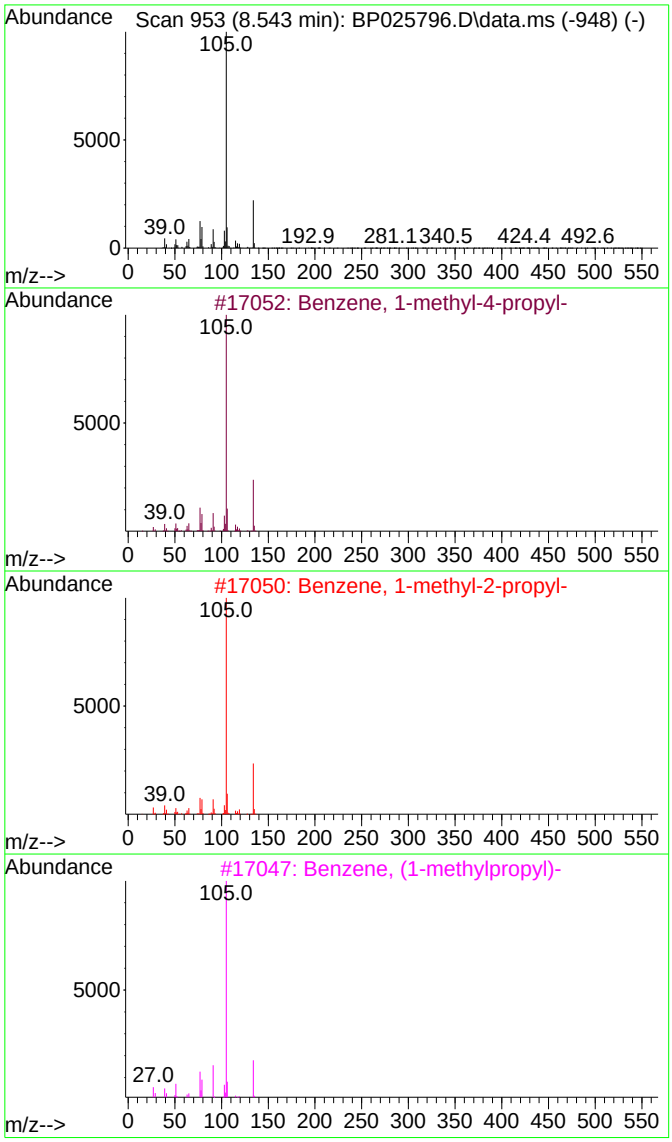
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

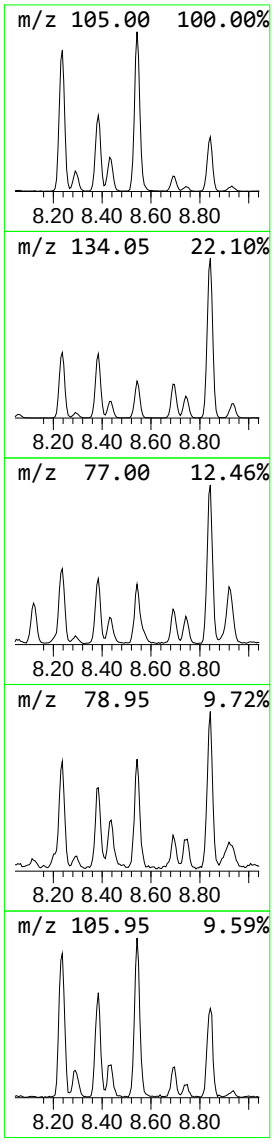
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, 1-methyl-4-propyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.543	10.91 ng	555593	1,4-Dichlorobenzene-d4	7.749

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	95
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	91
4	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	87
5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	86





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ALS Vial : 6 Sample Multiplier: 1

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BNA_P
ClientSampleId :
MW2

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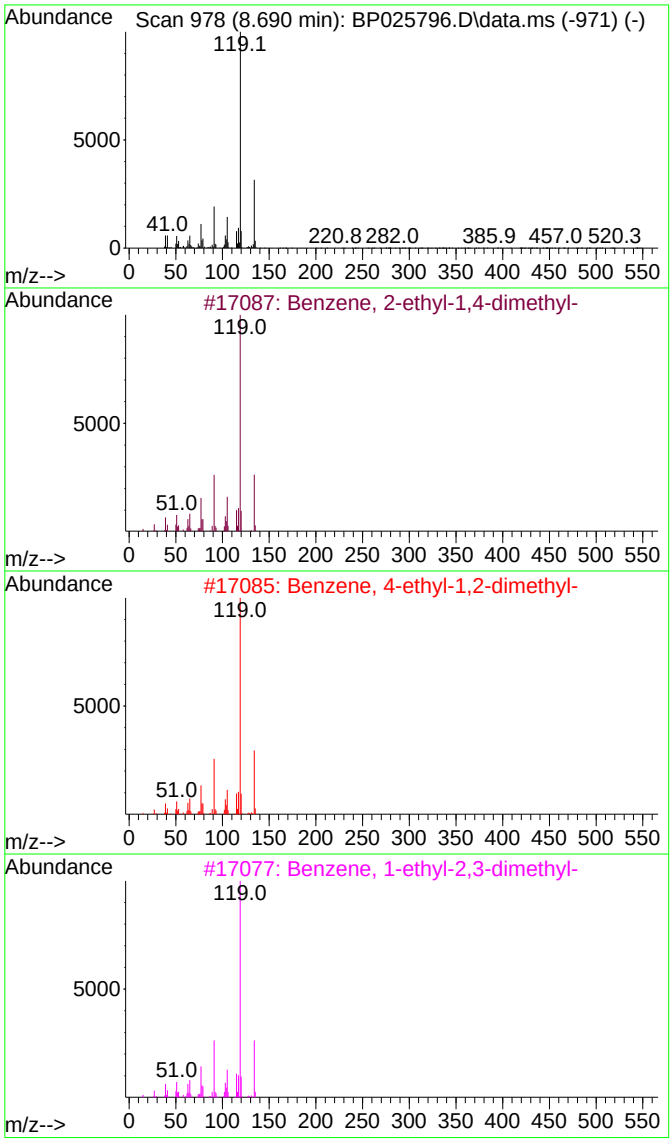
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

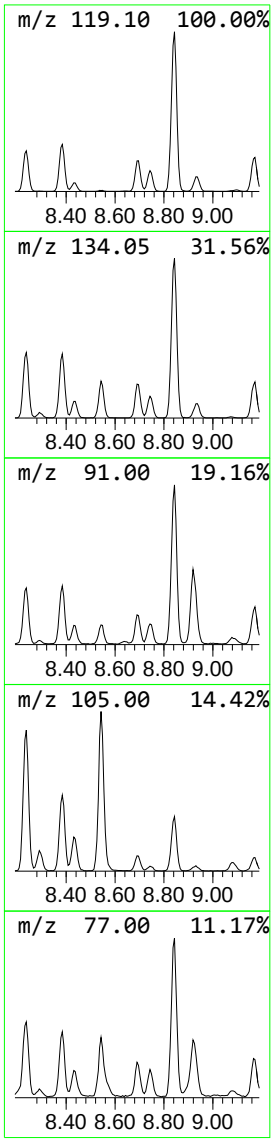
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.690	9.02 ng	459590	1,4-Dichlorobenzene-d4	7.749

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	96
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	95
4	o-Cymene	134	C10H14	000527-84-4	94
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
Data File : BP025796.D
Acq On : 19 Sep 2025 13:01
Operator : CG/JU
Sample : Q3108-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW2

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

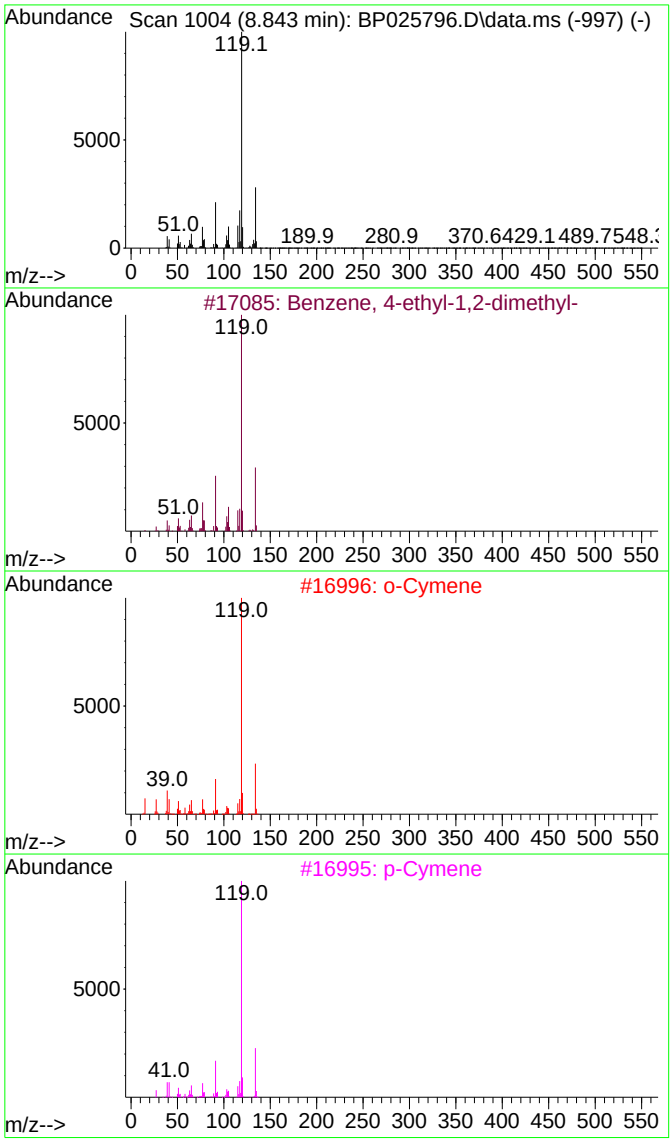
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

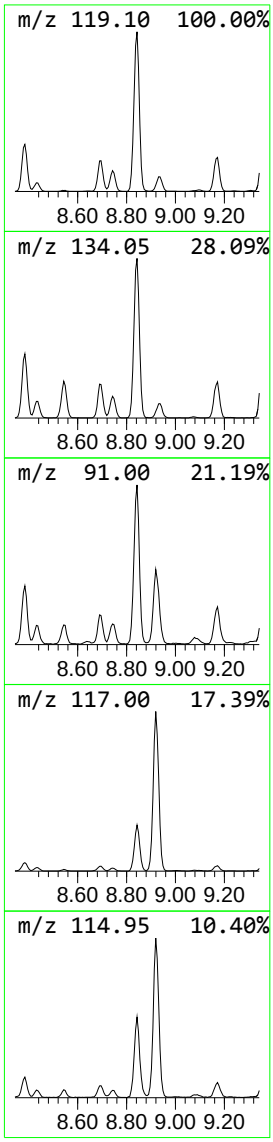
****

Peak Number 13 o-Cymene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.843	46.81 ng	2384290	1,4-Dichlorobenzene-d4	7.749

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	94
2	o-Cymene	134	C10H14	000527-84-4	94
3	p-Cymene	134	C10H14	000099-87-6	94
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
Data File : BP025796.D
Acq On : 19 Sep 2025 13:01
Operator : CG/JU
Sample : Q3108-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW2

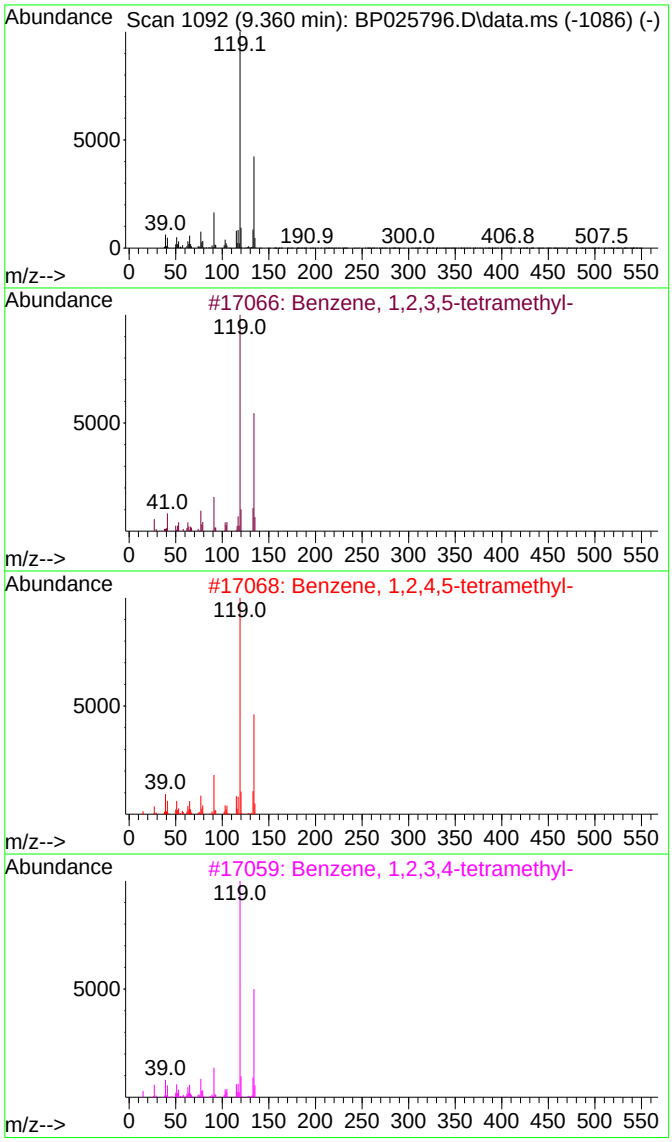
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

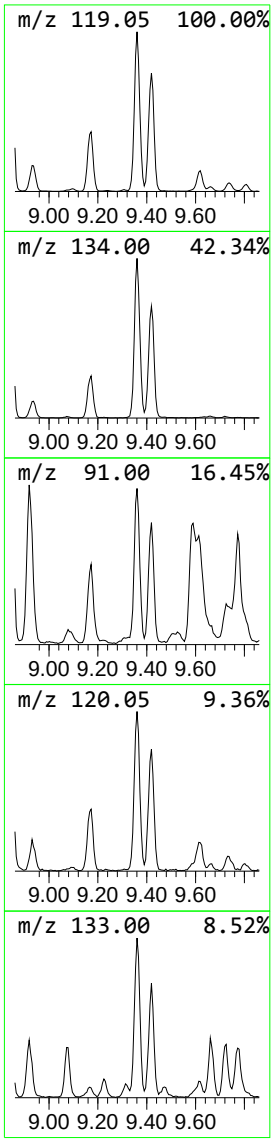
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, 1,2,3,5-tetramethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.360	12.97 ng	1185910	Naphthalene-d8	10.519

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	97
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
Data File : BP025796.D
Acq On : 19 Sep 2025 13:01
Operator : CG/JU
Sample : Q3108-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW2

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

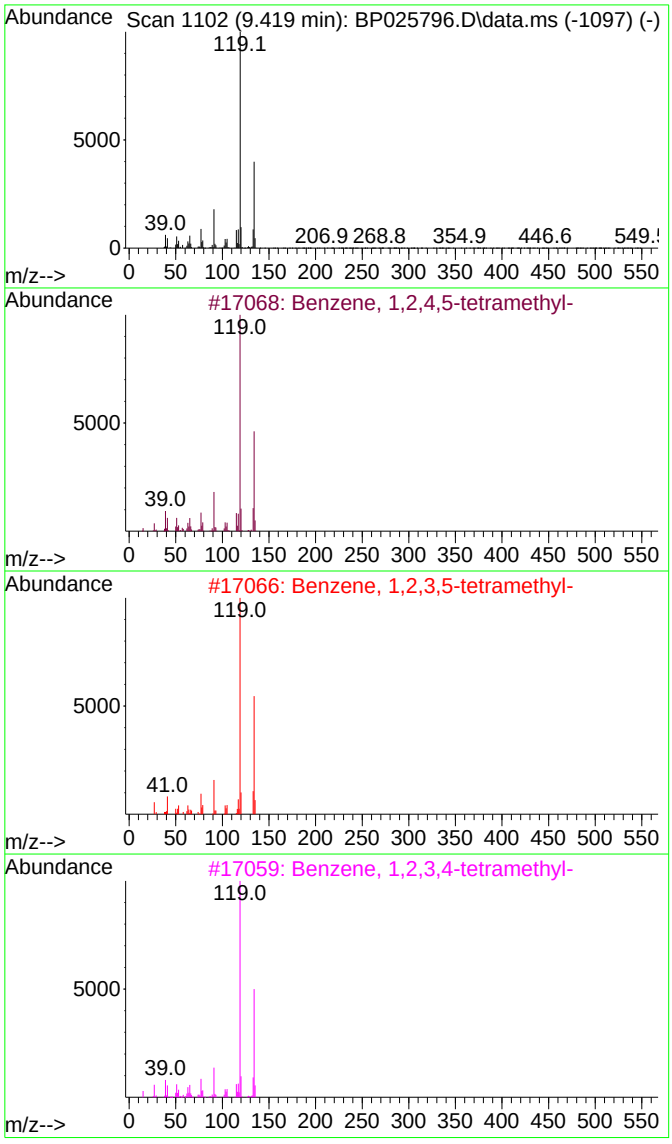
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

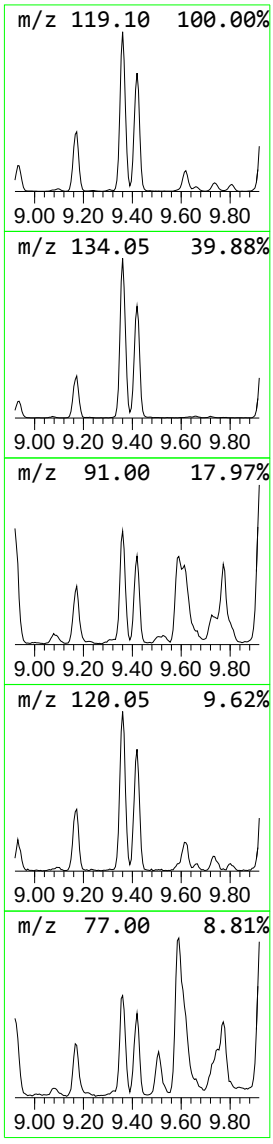
****

Peak Number 15 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.419	10.07 ng	920831	Naphthalene-d8	10.519

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
4	o-Cymene	134	C10H14	000527-84-4	95
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
Data File : BP025796.D
Acq On : 19 Sep 2025 13:01
Operator : CG/JU
Sample : Q3108-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW2

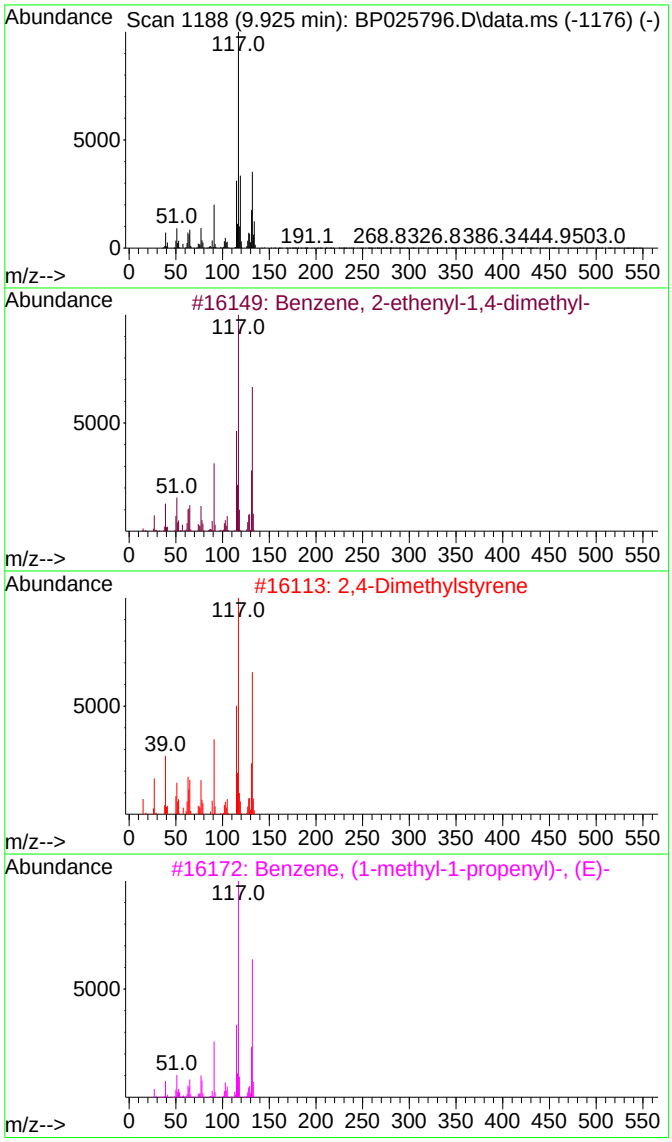
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

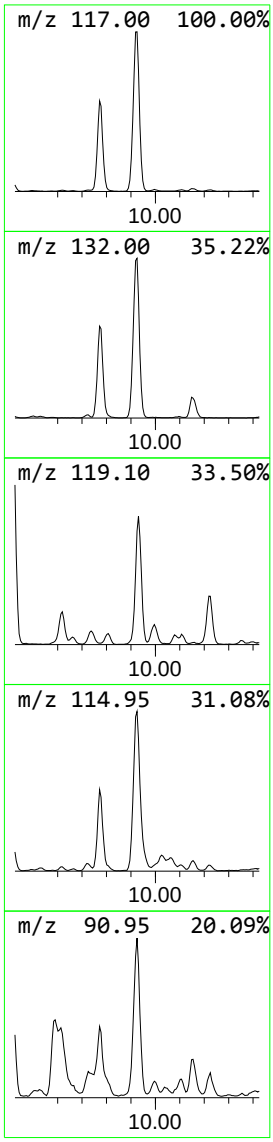
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.925	32.58 ng	2978540	Naphthalene-d8	10.519

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2	2,4-Dimethylstyrene	132	C10H12	002234-20-0	90
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	87
4	Benzene, 2-butenyl-	132	C10H12	001560-06-1	87
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
Data File : BP025796.D
Acq On : 19 Sep 2025 13:01
Operator : CG/JU
Sample : Q3108-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW2

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

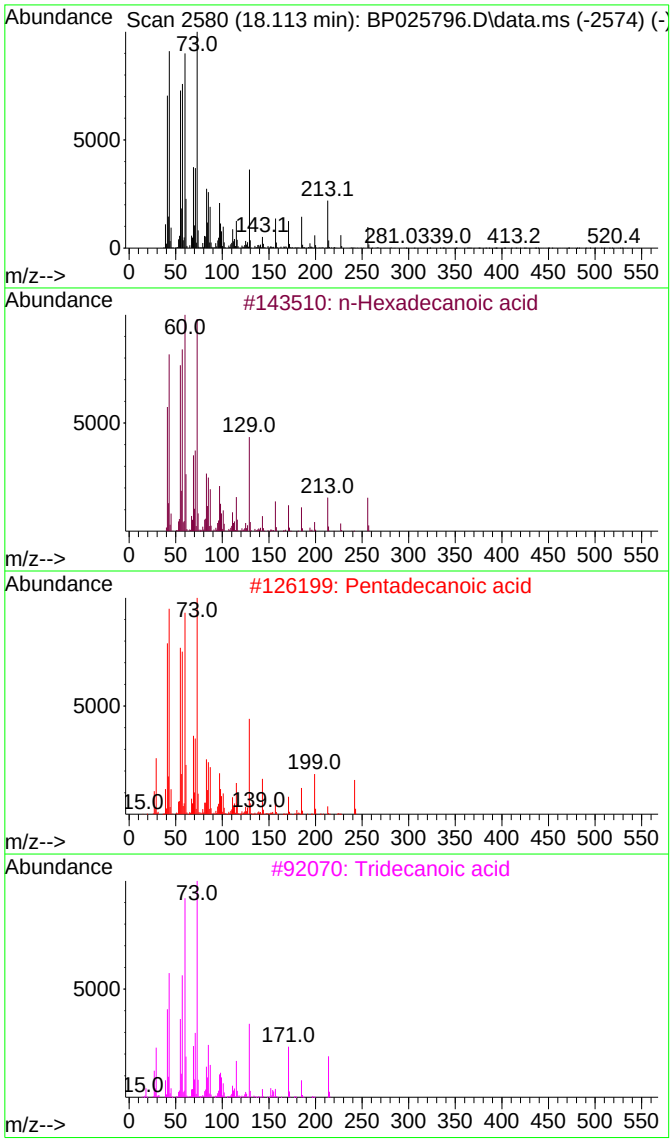
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

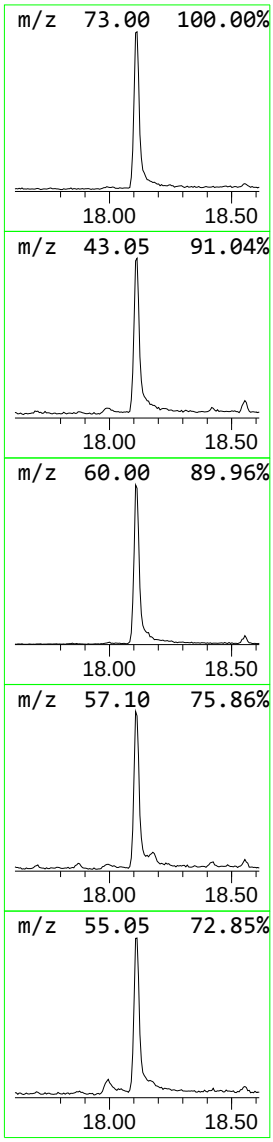
****

Peak Number 19 n-Hexadecanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.113	11.35 ng	1211280	Phenanthrene-d10	17.178

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	Tridecanoic acid	214	C13H26O2	000638-53-9	81
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
5	n-Decanoic acid	172	C10H20O2	000334-48-5	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
Data File : BP025796.D
Acq On : 19 Sep 2025 13:01
Operator : CG/JU
Sample : Q3108-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW2

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

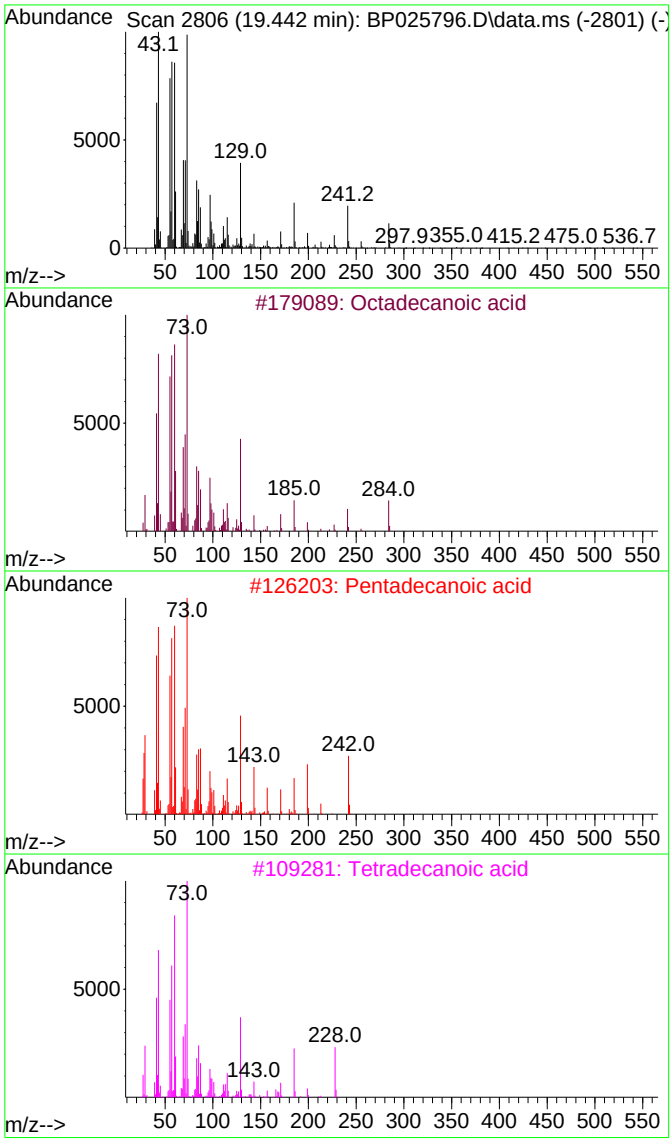
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

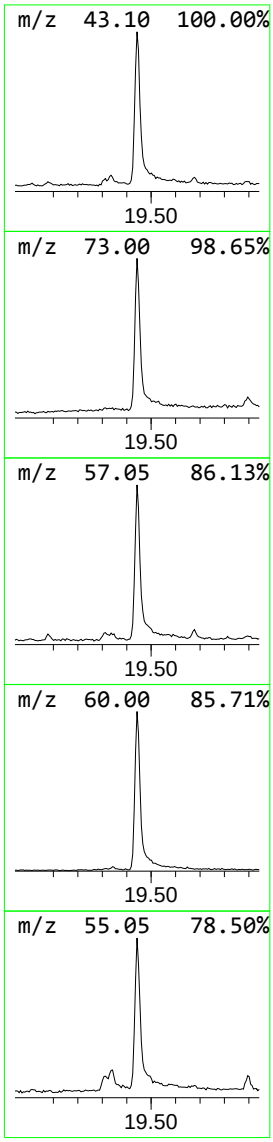
****

Peak Number 20 Octadecanoic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.442	9.40 ng	1133560	Chrysene-d12	21.624

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
4	Dodecanoic acid	200	C12H24O2	000143-07-7	59
5	n-Decanoic acid	172	C10H20O2	000334-48-5	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
Data File : BP025796.D
Acq On : 19 Sep 2025 13:01
Operator : CG/JU
Sample : Q3108-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW2

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

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1,3-di...	5.455	108.4	ng	5520310	1	7.749	1018810	20.0
unknown5.802	5.802	75.1	ng	3823980	1	7.749	1018810	20.0
Benzene, 1-ethy...	6.855	11.7	ng	597205	1	7.749	1018810	20.0
Benzene, 1-ethy...	7.149	75.2	ng	3830820	1	7.749	1018810	20.0
Benzene, 1,2,3-...	7.408	20.2	ng	1028050	1	7.749	1018810	20.0
Benzene, 1,2,4-...	7.866	74.0	ng	3770560	1	7.749	1018810	20.0
Indane	8.119	37.2	ng	1894320	1	7.749	1018810	20.0
Benzene, 1,2-di...	8.237	19.0	ng	969062	1	7.749	1018810	20.0
Benzene, 4-ethy...	8.384	17.3	ng	881504	1	7.749	1018810	20.0
Benzene, 1-meth...	8.543	10.9	ng	555593	1	7.749	1018810	20.0
Benzene, 2-ethy...	8.690	9.0	ng	459590	1	7.749	1018810	20.0
o-Cymene	8.843	46.8	ng	2384290	1	7.749	1018810	20.0
Benzene, 1,2,3,...	9.360	13.0	ng	1185910	2	10.519	1828520	20.0
Benzene, 1,2,4,...	9.419	10.1	ng	920831	2	10.519	1828520	20.0
Benzene, 2-ethe...	9.925	32.6	ng	2978540	2	10.519	1828520	20.0
n-Hexadecanoic ...	18.113	11.4	ng	1211280	4	17.178	2134180	20.0
Octadecanoic acid	19.442	9.4	ng	1133560	5	21.624	2412170	20.0

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

Instrument :
BNA_P
ClientSampleId :
PB169719BL

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

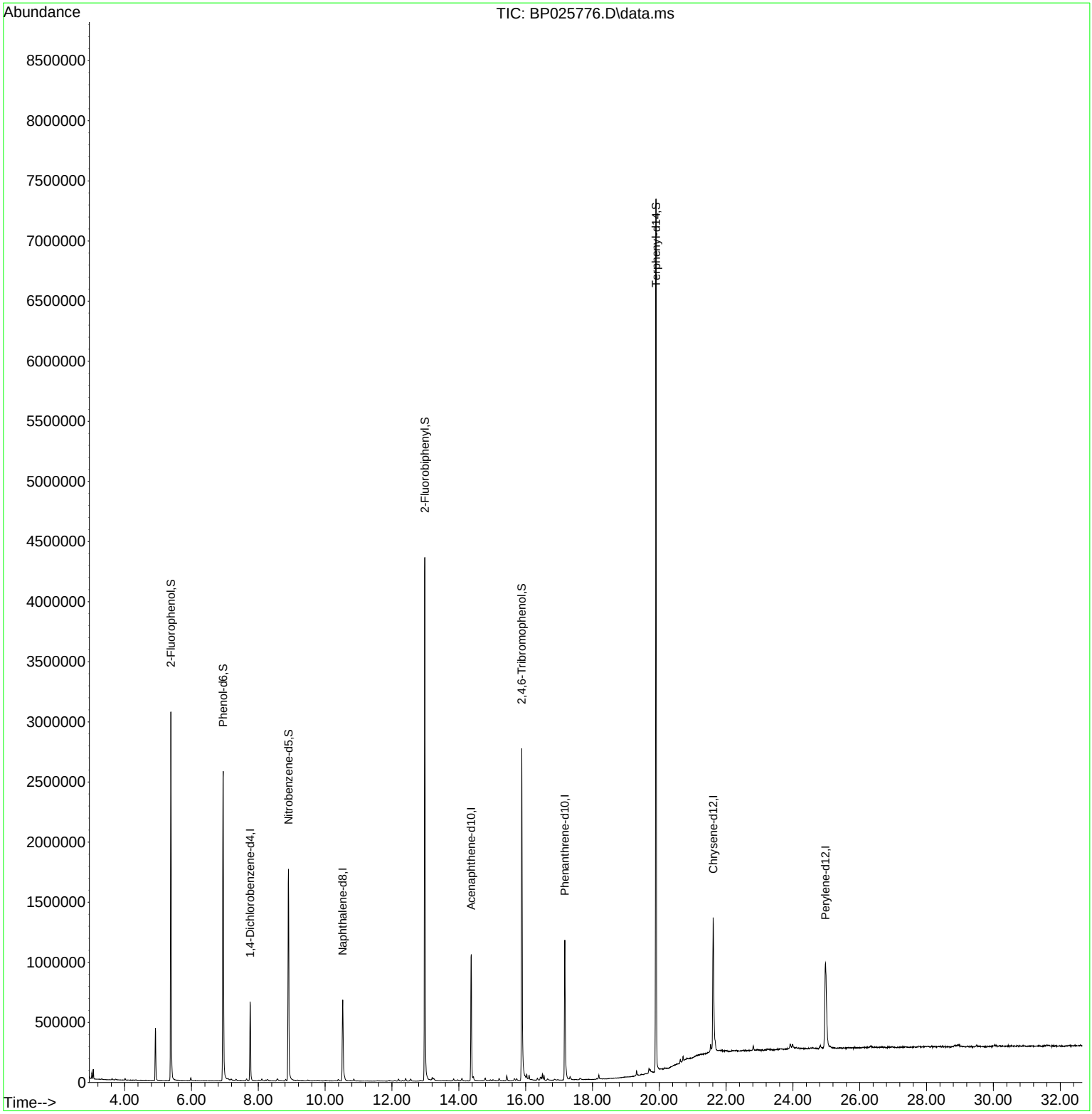
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.754	152	179386	20.000	ng	0.00
21) Naphthalene-d8	10.525	136	669415	20.000	ng	0.00
39) Acenaphthene-d10	14.372	164	415180	20.000	ng	0.00
64) Phenanthrene-d10	17.172	188	826588	20.000	ng	-0.01
76) Chrysene-d12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

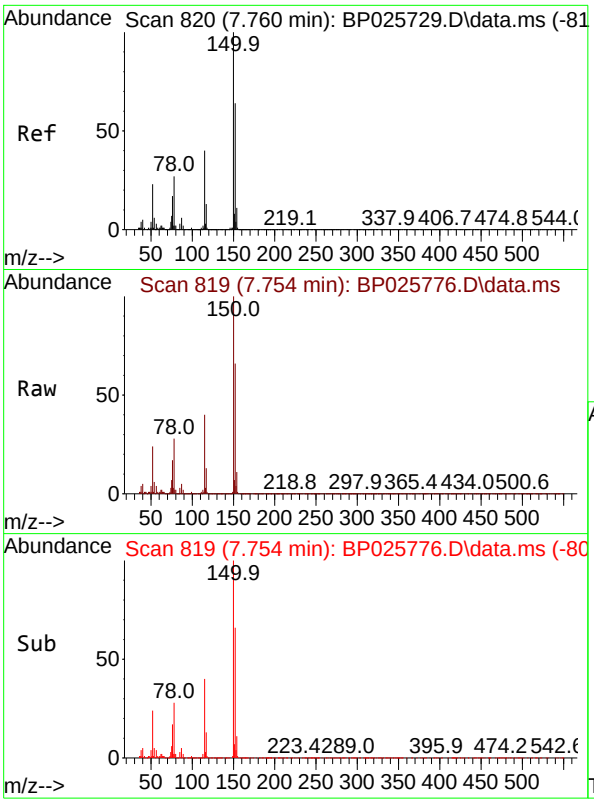
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

Instrument :
BNA_P
ClientSampleId :
PB169719BL

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



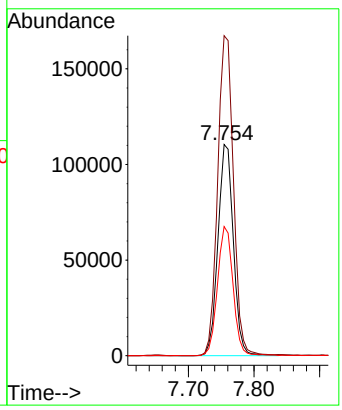


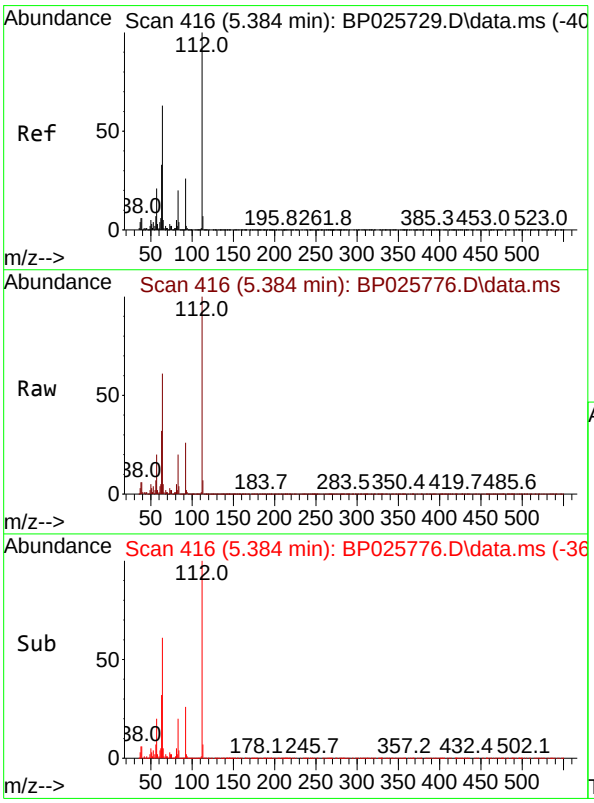
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.754 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025776.D
Acq: 17 Sep 2025 21:56

Instrument :
BNA_P
ClientSampleId :
PB169719BL

Tgt Ion:152 Resp: 179386

Ion	Ratio	Lower	Upper
152	100		
150	151.6	124.3	186.5
115	61.2	50.3	75.5

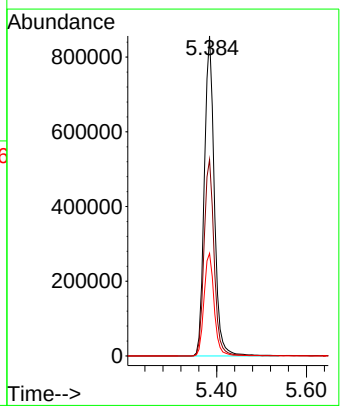


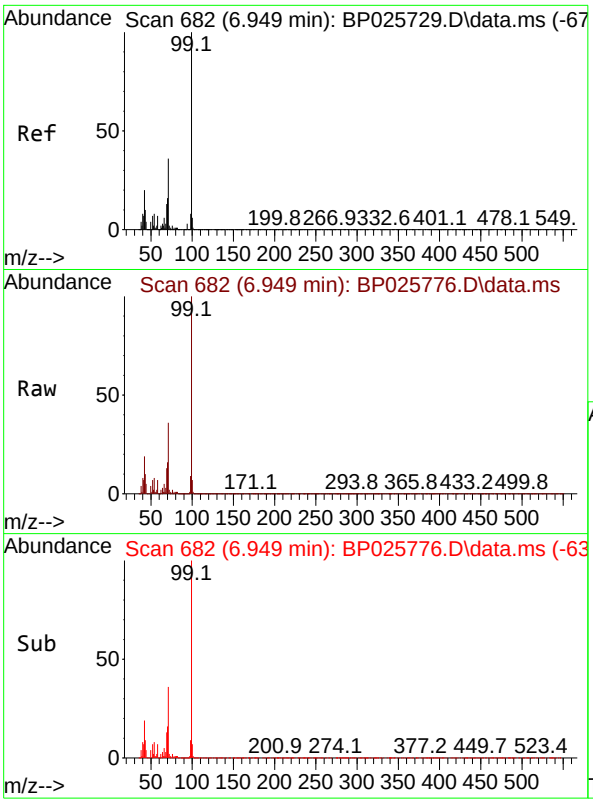


#5
2-Fluorophenol
Concen: 118.842 ng
RT: 5.384 min Scan# 416
Delta R.T. -0.000 min
Lab File: BP025776.D
Acq: 17 Sep 2025 21:56

Tgt Ion:112 Resp: 1321221

Ion	Ratio	Lower	Upper
112	100		
64	61.4	50.2	75.4
63	32.1	26.7	40.1



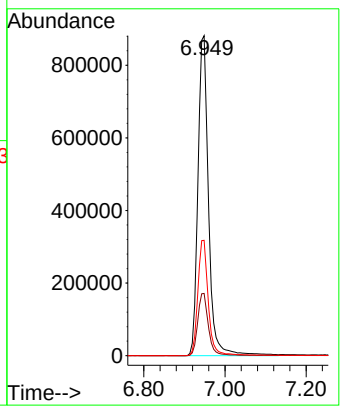


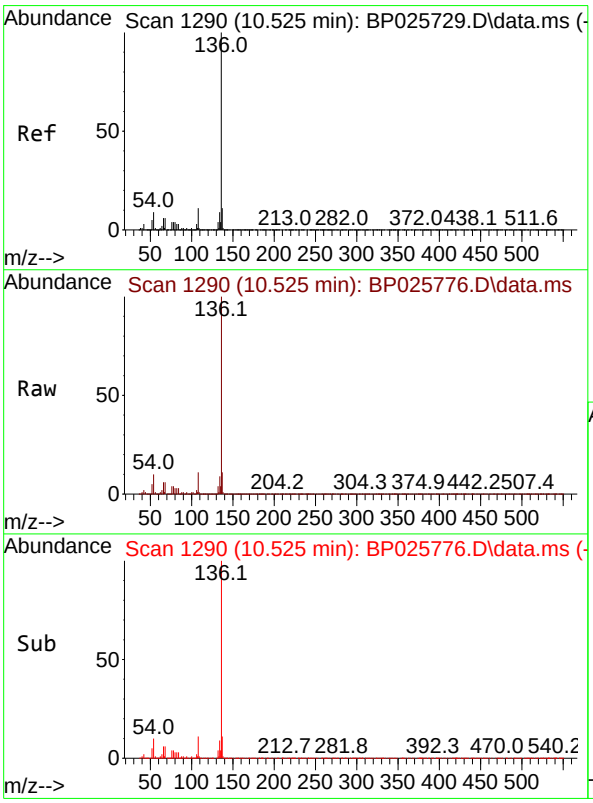
#7
Phenol-d6
Concen: 108.910 ng
RT: 6.949 min Scan# 6
Delta R.T. -0.000 min
Lab File: BP025776.D
Acq: 17 Sep 2025 21:56

Instrument :
BNA_P
ClientSampleId :
PB169719BL

Tgt Ion: 99 Resp: 1609379

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

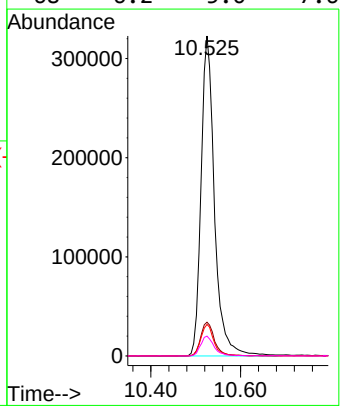


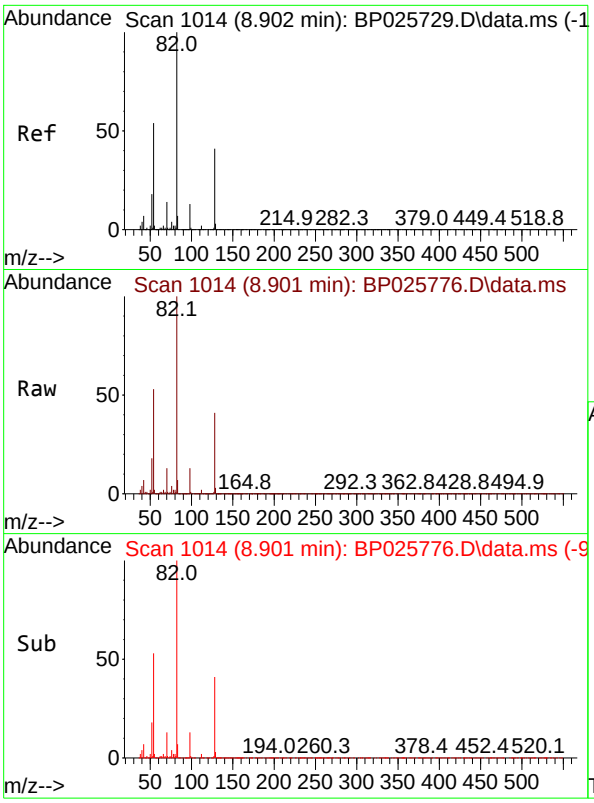


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.525 min Scan# 1290
Delta R.T. -0.000 min
Lab File: BP025776.D
Acq: 17 Sep 2025 21:56

Tgt Ion:136 Resp: 669415

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



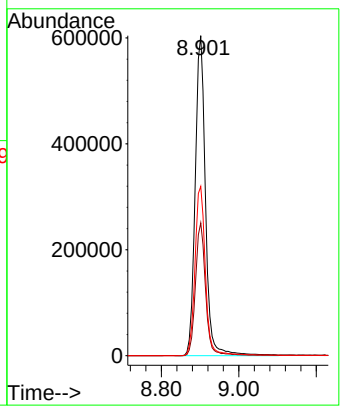


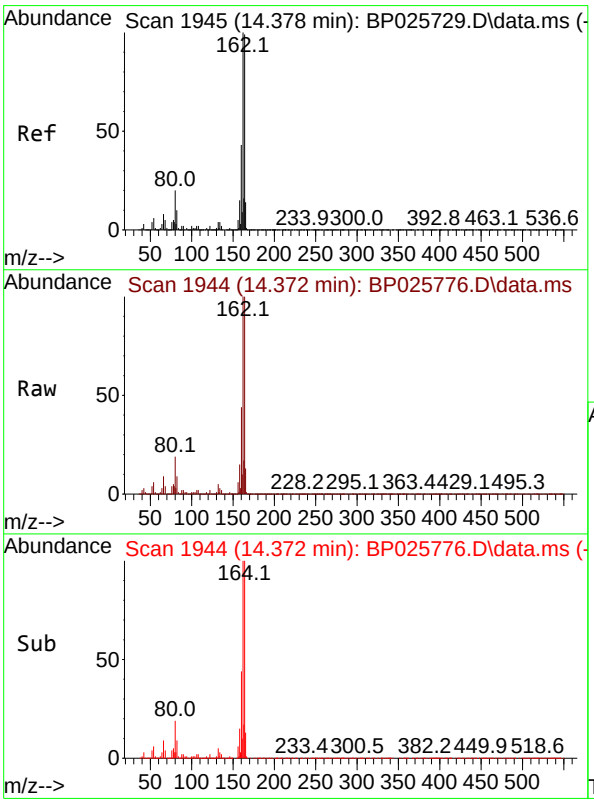
#23
Nitrobenzene-d5
Concen: 73.370 ng
RT: 8.901 min Scan# 1
Delta R.T. -0.000 min
Lab File: BP025776.D
Acq: 17 Sep 2025 21:56

Instrument :
BNA_P
ClientSampleId :
PB169719BL

Tgt Ion: 82 Resp: 1113438

Ion	Ratio	Lower	Upper
82	100		
128	41.5	32.9	49.3
54	52.9	43.4	65.2

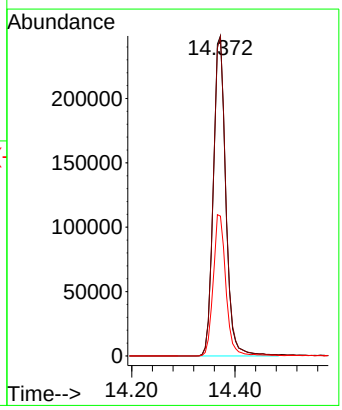


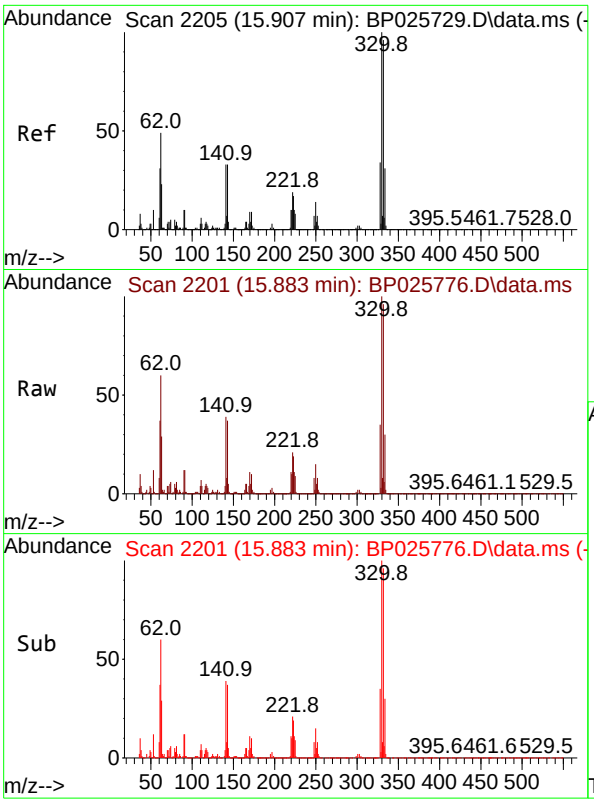


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.372 min Scan# 1944
Delta R.T. -0.006 min
Lab File: BP025776.D
Acq: 17 Sep 2025 21:56

Tgt Ion:164 Resp: 415180

Ion	Ratio	Lower	Upper
164	100		
162	99.9	80.6	120.8
160	43.7	35.0	52.6



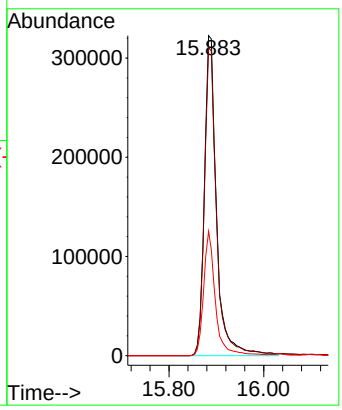


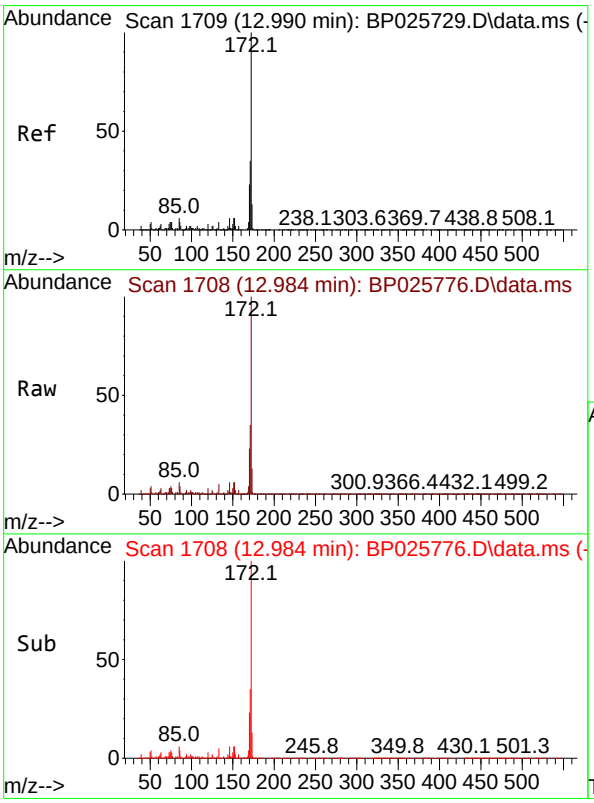
#42
2,4,6-Tribromophenol
Concen: 111.003 ng
RT: 15.883 min Scan# 2
Delta R.T. -0.024 min
Lab File: BP025776.D
Acq: 17 Sep 2025 21:56

Instrument :
BNA_P
ClientSampleId :
PB169719BL

Tgt Ion:330 Resp: 574835

Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.9	115.3
141	37.6	31.0	46.4

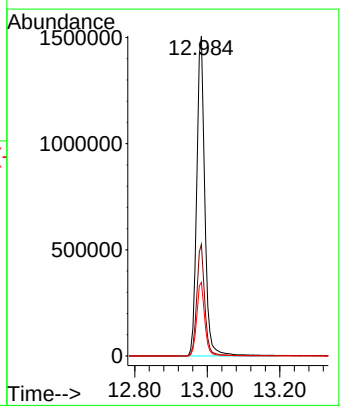


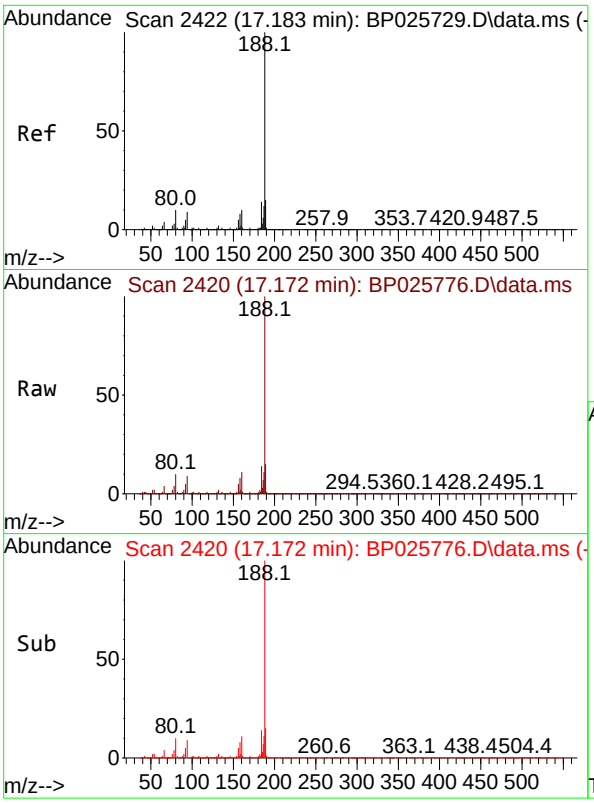


#45
2-Fluorobiphenyl
Concen: 75.112 ng
RT: 12.984 min Scan# 1708
Delta R.T. -0.006 min
Lab File: BP025776.D
Acq: 17 Sep 2025 21:56

Tgt Ion:172 Resp: 2342096

Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.8	41.6
170	23.0	18.6	27.8



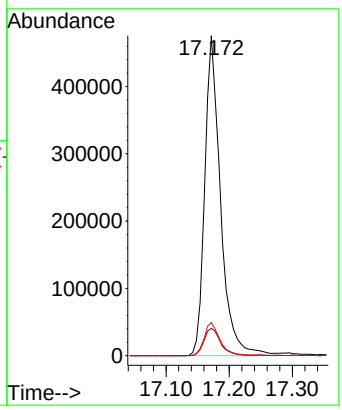


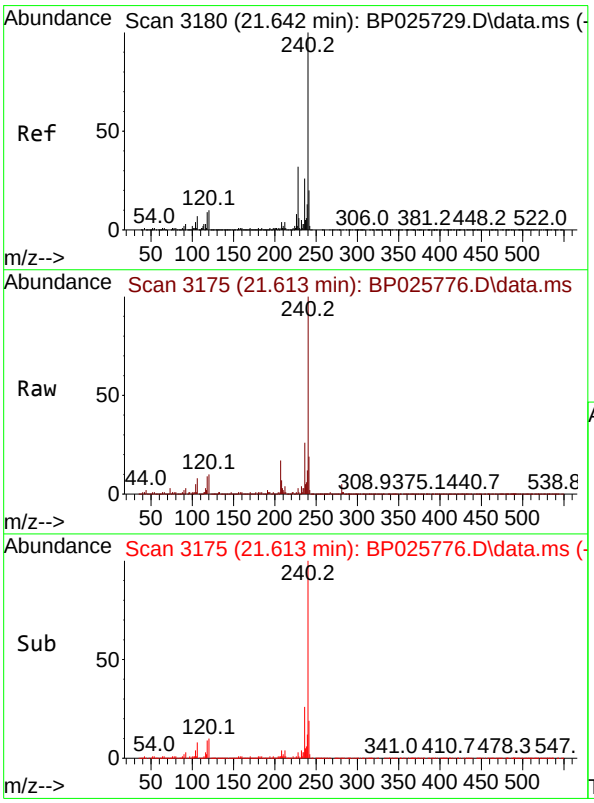
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.172 min Scan# 24
Delta R.T. -0.012 min
Lab File: BP025776.D
Acq: 17 Sep 2025 21:56

Instrument :
BNA_P
ClientSampleId :
PB169719BL

Tgt Ion:188 Resp: 826588

Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.4	11.0
80	10.3	7.7	11.5

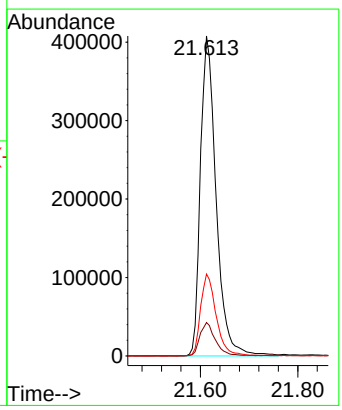


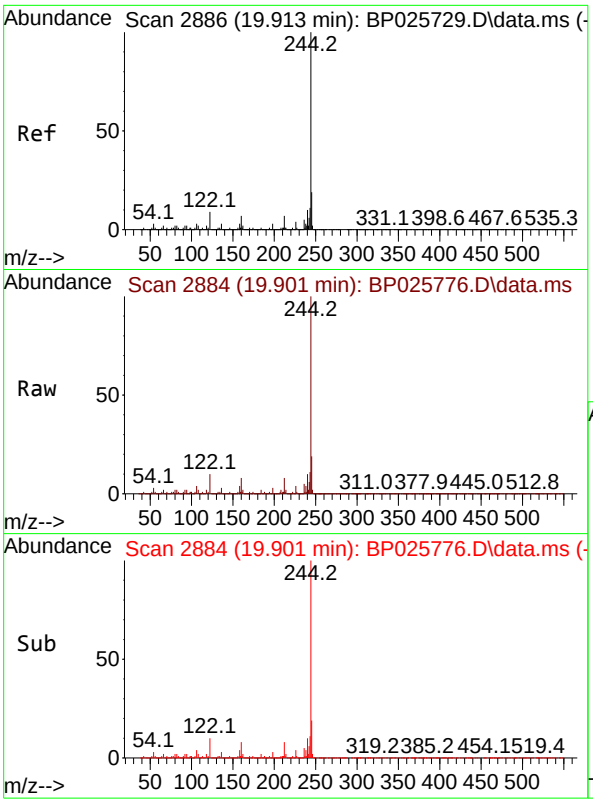


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.613 min Scan# 3175
Delta R.T. -0.030 min
Lab File: BP025776.D
Acq: 17 Sep 2025 21:56

Tgt Ion:240 Resp: 912511

Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.0	12.0
236	25.6	20.7	31.1



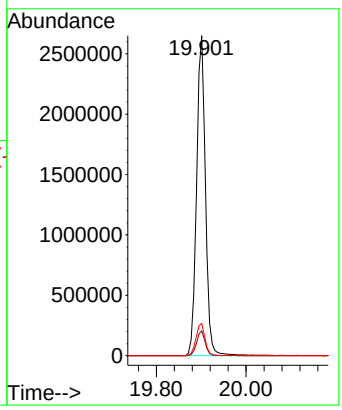


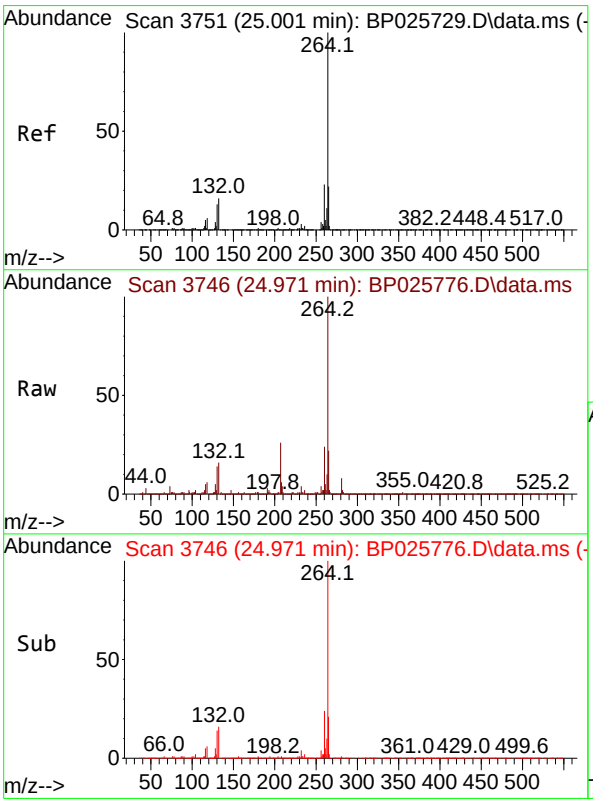
#79
Terphenyl-d14
Concen: 71.718 ng
RT: 19.901 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025776.D
Acq: 17 Sep 2025 21:56

Instrument :
BNA_P
ClientSampleId :
PB169719BL

Tgt Ion:244 Resp: 3637790

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.9	8.9
122	10.0	7.1	10.7

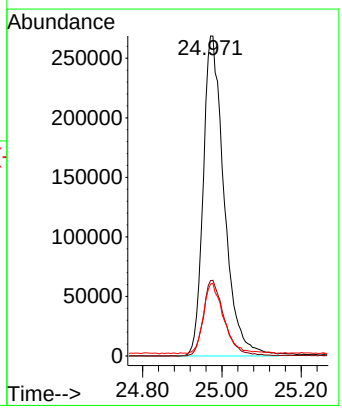




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.971 min Scan# 3746
Delta R.T. -0.030 min
Lab File: BP025776.D
Acq: 17 Sep 2025 21:56

Tgt Ion:264 Resp: 985422

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.3	27.5
265	22.5	17.3	25.9



Sample Results: **BP025776.D**

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

Instrument :
BNA_P
ClientSampleId :
PB169719BL

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON 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_P\Methods\8270E-BP091225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025778.D\data.ms

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

Sum of corrected areas: 46384755

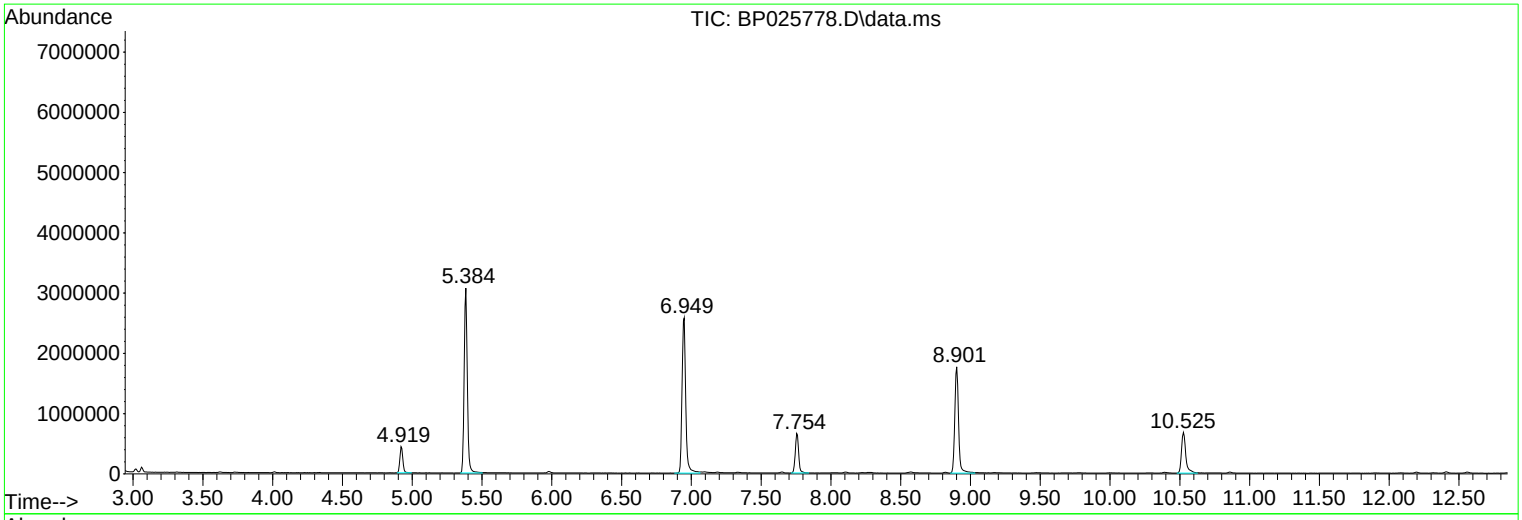
Sample Results: **BP025776.D**

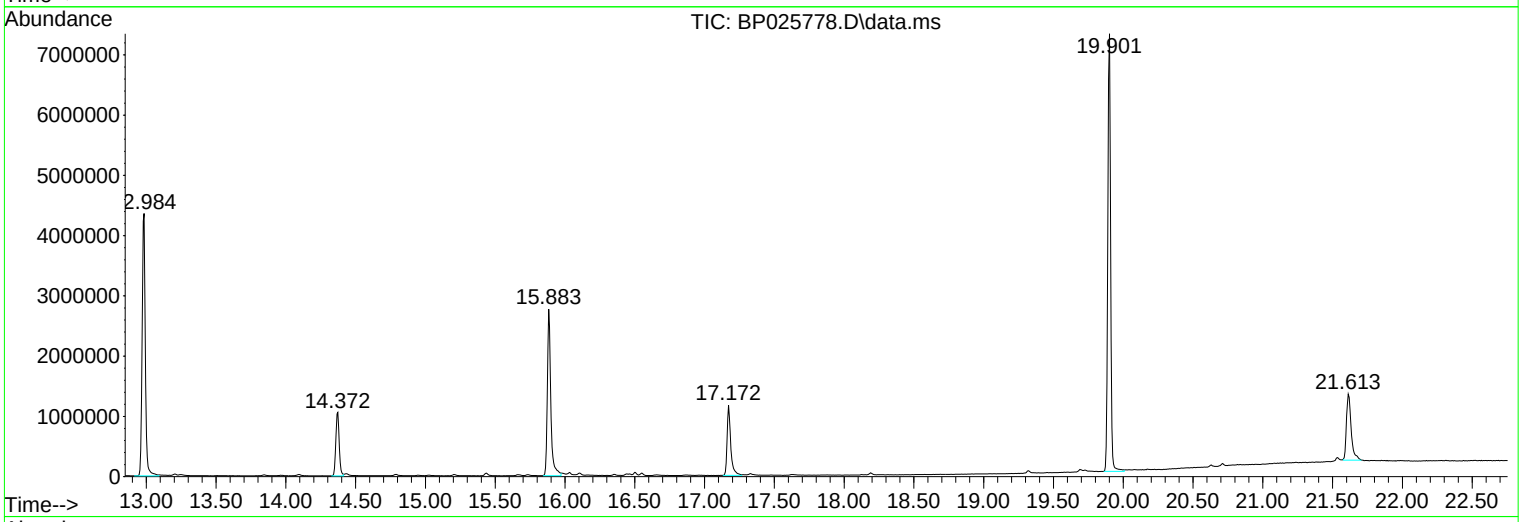
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091725\
Data File : BP025776.D
Acq On : 17 Sep 2025 21:56
Operator : CG/JU
Sample : PB169719BL
Misc :
ALS Vial : 13 Sample Multiplier: 1

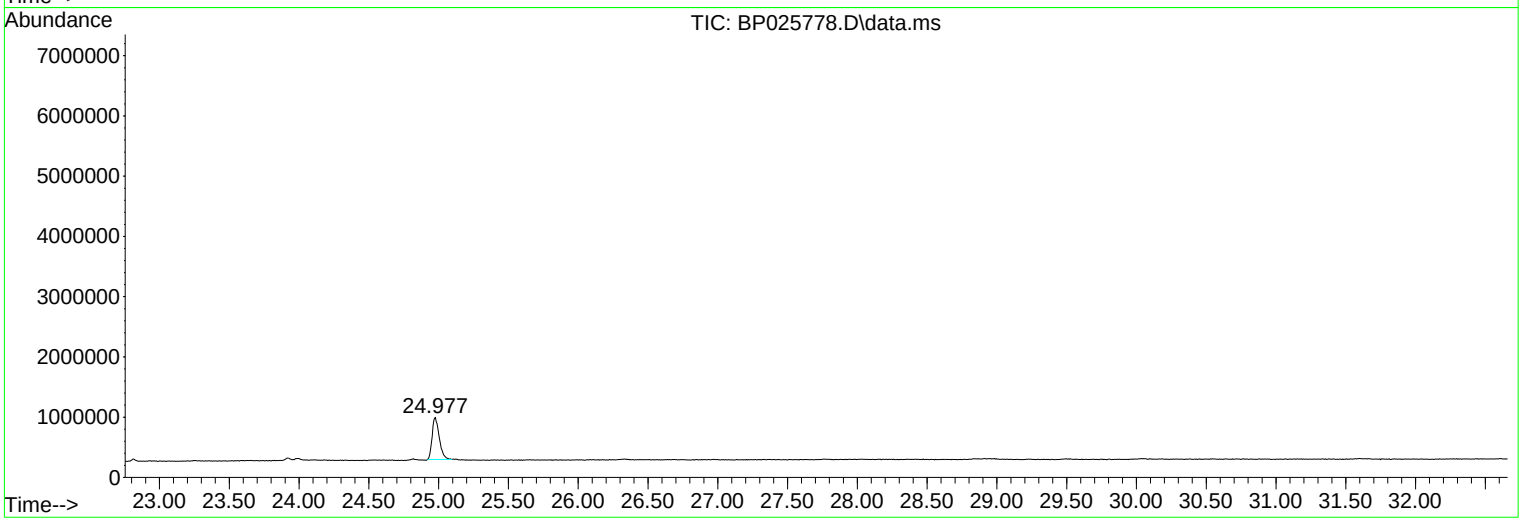
Instrument :
BNA_P
ClientSampleId :
PB169719BL

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

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







Library Search Compound Report

Sample Results: **BP025776.D**

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

Instrument :
BNA_P
ClientSampleId :
PB169719BL

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

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

No Library Search Compounds Detected
****

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

Instrument :
BNA_P
ClientSampleId :
PB169719BL

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

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc

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

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

Instrument :
BNA_P
ClientSampleId :
PB169719BS

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.755	152	164300	20.000	ng		0.00
21) Naphthalene-d8	10.519	136	643426	20.000	ng		0.00
39) Acenaphthene-d10	14.372	164	416776	20.000	ng		0.00
64) Phenanthrene-d10	17.172	188	849137	20.000	ng		-0.01
76) Chrysene-d12	21.624	240	847157	20.000	ng		-0.02
86) Perylene-d12	24.971	264	873039	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.384	112	1178875	115.774	ng		0.00
7) Phenol-d6	6.943	99	1479877	109.342	ng		0.00
23) Nitrobenzene-d5	8.896	82	1006405	68.995	ng		0.00
42) 2,4,6-Tribromophenol	15.889	330	585396	112.610	ng		-0.02
45) 2-Fluorobiphenyl	12.984	172	2158045	68.945	ng		0.00
79) Terphenyl-d14	19.901	244	3418819	72.601	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.314	88	135923	31.805	ng		99
3) Pyridine	3.708	79	382452	32.500	ng		99
4) n-Nitrosodimethylamine	3.614	42	204632	36.852	ng		99
6) Aniline	7.090	93	471572	25.382	ng		100
8) 2-Chlorophenol	7.331	128	434808	38.924	ng		100
9) Benzaldehyde	6.907	77	238499	29.400	ng		99
10) Phenol	6.972	94	552387	38.706	ng		99
11) bis(2-Chloroethyl)ether	7.184	93	427685	37.301	ng		96
12) 1,3-Dichlorobenzene	7.649	146	478704	37.653	ng		97
13) 1,4-Dichlorobenzene	7.790	146	489997	37.836	ng		99
14) 1,2-Dichlorobenzene	8.102	146	467804	37.183	ng		100
15) Benzyl Alcohol	7.996	79	397237	35.519	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.266	45	691145	36.860	ng		100
17) 2-Methylphenol	8.196	107	365386	37.975	ng		99
18) Hexachloroethane	8.819	117	183140	37.023	ng		97
19) n-Nitroso-di-n-propyla...	8.549	70	338007	35.806	ng		99
20) 3+4-Methylphenols	8.519	107	488522	36.254	ng		99
22) Acetophenone	8.560	105	698464	40.621	ng	#	99
24) Nitrobenzene	8.937	77	498625	38.105	ng		97
25) Isophorone	9.460	82	925880	36.113	ng		99
26) 2-Nitrophenol	9.643	139	226790	39.036	ng		95
27) 2,4-Dimethylphenol	9.707	122	397240	38.974	ng		98
28) bis(2-Chloroethoxy)met...	9.931	93	566916	38.253	ng		100
29) 2,4-Dichlorophenol	10.184	162	412664	40.608	ng		100
30) 1,2,4-Trichlorobenzene	10.384	180	439123	38.342	ng		99
31) Naphthalene	10.572	128	1302186	37.533	ng		100
32) Benzoic acid	9.872	122	303703	40.078	ng		97
33) 4-Chloroaniline	10.684	127	293810	20.318	ng		99
34) Hexachlorobutadiene	10.854	225	285624	38.741	ng		99
35) Caprolactam	11.478	113	141780m	36.192	ng		
36) 4-Chloro-3-methylphenol	11.819	107	463277	38.238	ng		97
37) 2-Methylnaphthalene	12.178	142	838936	37.649	ng		99
38) 1-Methylnaphthalene	12.395	142	860734	36.222	ng		99
40) 1,2,4,5-Tetrachloroben...	12.548	216	524326	41.516	ng		99
41) Hexachlorocyclopentadiene	12.531	237	522921	76.023	ng		99
43) 2,4,6-Trichlorophenol	12.795	196	341500	41.132	ng		99

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

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

Instrument :
BNA_P
ClientSampleId :
PB169719BS

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

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

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

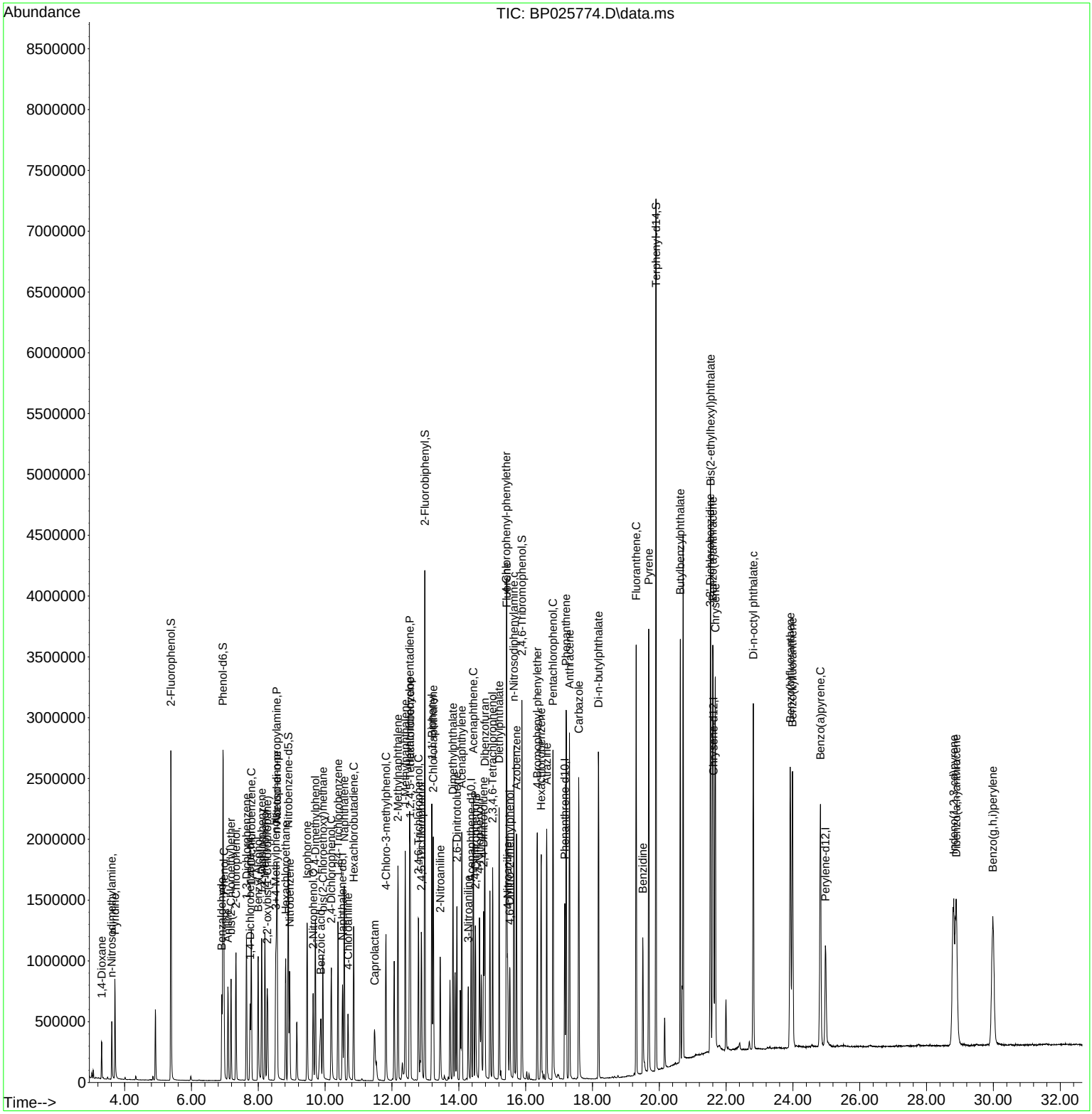
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091725\
Data File : BP025774.D
Acq On : 17 Sep 2025 20:35
Operator : CG/JU
Sample : PB169719BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

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

Instrument :
BNA_P
ClientSampleId :
PB169719BS

Manual Integrations APPROVED

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



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

Instrument :
BNA_P
ClientSampleId :
PB169719BSD

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.755	152	164703	20.000	ng	0.00
21) Naphthalene-d8	10.525	136	637233	20.000	ng	0.00
39) Acenaphthene-d10	14.372	164	413759	20.000	ng	0.00
64) Phenanthrene-d10	17.178	188	845328	20.000	ng	0.00
76) Chrysene-d12	21.630	240	850188	20.000	ng	-0.01
86) Perylene-d12	24.983	264	857103	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	1187548	116.341	ng	0.00
7) Phenol-d6	6.943	99	1497740	110.391	ng	0.00
23) Nitrobenzene-d5	8.902	82	1008718	69.826	ng	0.00
42) 2,4,6-Tribromophenol	15.889	330	585379	113.428	ng	-0.02
45) 2-Fluorobiphenyl	12.984	172	2172930	69.926	ng	0.00
79) Terphenyl-d14	19.901	244	3437645	72.740	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.314	88	140155	32.715	ng	99
3) Pyridine	3.708	79	388608	32.942	ng	98
4) n-Nitrosodimethylamine	3.614	42	205369	36.894	ng	98
6) Aniline	7.090	93	488835	26.246	ng	98
8) 2-Chlorophenol	7.331	128	437783	39.095	ng	99
9) Benzaldehyde	6.913	77	242697	29.844	ng	99
10) Phenol	6.972	94	558256	39.022	ng	99
11) bis(2-Chloroethyl)ether	7.184	93	437619	38.074	ng	98
12) 1,3-Dichlorobenzene	7.649	146	481264	37.762	ng	98
13) 1,4-Dichlorobenzene	7.790	146	493735	38.032	ng	99
14) 1,2-Dichlorobenzene	8.102	146	473440	37.539	ng	98
15) Benzyl Alcohol	7.996	79	399861	35.666	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.272	45	695251	36.988	ng	100
17) 2-Methylphenol	8.202	107	367765	38.129	ng	99
18) Hexachloroethane	8.819	117	188643	38.042	ng	98
19) n-Nitroso-di-n-propyla...	8.549	70	344161	36.369	ng	99
20) 3+4-Methylphenols	8.525	107	497913	36.860	ng	99
22) Acetophenone	8.566	105	694903	40.806	ng	99
24) Nitrobenzene	8.943	77	503635	38.862	ng	98
25) Isophorone	9.466	82	935933	36.860	ng	99
26) 2-Nitrophenol	9.649	139	232236	40.362	ng	94
27) 2,4-Dimethylphenol	9.713	122	397141	39.343	ng	99
28) bis(2-Chloroethoxy)met...	9.937	93	561954	38.287	ng	99
29) 2,4-Dichlorophenol	10.184	162	406578	40.397	ng	98
30) 1,2,4-Trichlorobenzene	10.390	180	442026	38.970	ng	99
31) Naphthalene	10.572	128	1308580	38.084	ng	99
32) Benzoic acid	9.878	122	310336	41.351	ng	96
33) 4-Chloroaniline	10.684	127	288398	20.138	ng	99
34) Hexachlorobutadiene	10.860	225	282532	38.694	ng	99
35) Caprolactam	11.478	113	142021	36.606	ng	98
36) 4-Chloro-3-methylphenol	11.819	107	464577	38.718	ng	97
37) 2-Methylnaphthalene	12.184	142	830855	37.648	ng	98
38) 1-Methylnaphthalene	12.401	142	874135	37.144	ng	100
40) 1,2,4,5-Tetrachloroben...	12.548	216	519332	41.421	ng	99
41) Hexachlorocyclopentadiene	12.531	237	525022	76.885	ng	99
43) 2,4,6-Trichlorophenol	12.801	196	336607	40.838	ng	99

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

Instrument :
BNA_P
ClientSampleId :
PB169719BSD

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

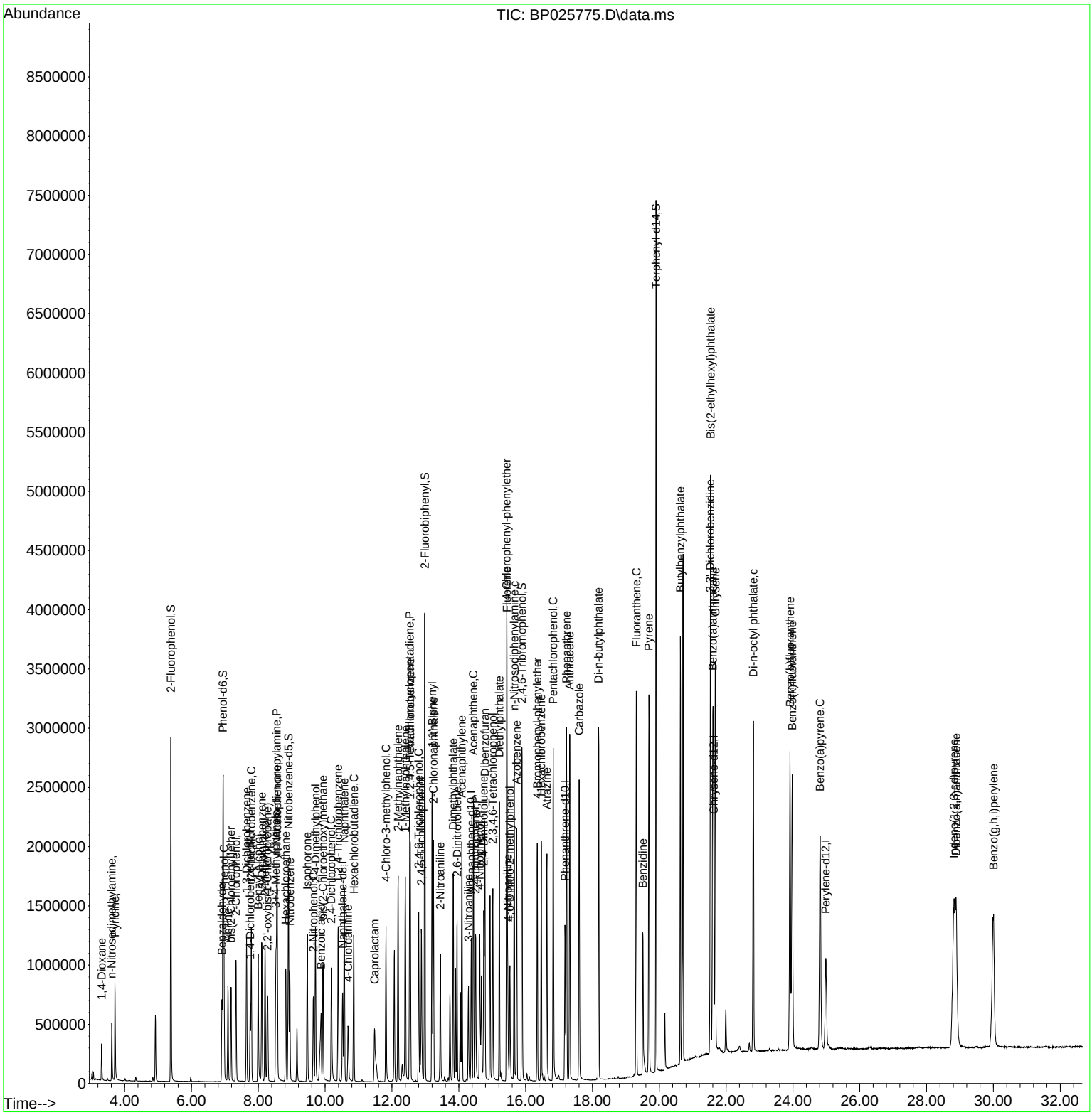
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.878	196	363764	39.655	ng		99
46) 1,1'-Biphenyl	13.201	154	1256026	41.357	ng		99
47) 2-Chloronaphthalene	13.243	162	927183	38.773	ng		98
48) 2-Nitroaniline	13.448	65	320953	40.263	ng		98
49) Acenaphthylene	14.090	152	1573291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

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

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

Instrument :
BNA_P
ClientSampleId :
PB169719BSD

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



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

Manual Integration Report

Sequence:	BP091225	Instrument	BNA_p

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

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Manual Integration Report

Sequence:	BP091225	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

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

Manual Integration Report

Sequence:	BP091725	Instrument	BNA_p

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

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

Manual Integration Report

Sequence:	BP091925	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

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

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP091225

Review By	Rahul	Review On	9/12/2025 10:23:37 AM				
Supervise By	Jagrut	Supervise On	9/12/2025 11:49:47 AM				
SubDirectory	BP091225	HP Acquire Method	BNA_P		HP Processing Method	BP091225	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13174,10ul/1000ul sample
ICV/I.BLK	SP6796
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

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

M : Manual Integration

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

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP091725

Review By	Rahul	Review On	9/18/2025 1:34:08 PM				
Supervise By	Jagrut	Supervise On	9/18/2025 5:22:36 PM				
SubDirectory	BP091725	HP Acquire Method	BNA_P		HP Processing Method	BP091225	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13175,10ul/1000ul sample
ICV/I.BLK	SP6796
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

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

M : Manual Integration

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

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP091925

Review By	Rahul	Review On	9/22/2025 8:48:31 AM				
Supervise By	Jagrut	Supervise On	9/22/2025 10:06:31 AM				
SubDirectory	BP091925	HP Acquire Method	BNA_P		HP Processing Method	BP091225	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13175,10ul/1000ul sample
ICV/I.BLK	SP6796
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

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

M : Manual Integration

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

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP091225

Review By	Rahul	Review On	9/12/2025 10:23:37 AM		
Supervise By	Jagrut	Supervise On	9/12/2025 11:49:47 AM		
SubDirectory	BP091225	HP Acquire Method	BNA_P	HP Processing Method	BP091225

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13174,10ul/1000ul sample
ICV/I.BLK	SP6796
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

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

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Fax : 908 789 8922

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP091225

Review By	Rahul	Review On	9/12/2025 10:23:37 AM		
Supervise By	Jagrut	Supervise On	9/12/2025 11:49:47 AM		
SubDirectory	BP091225	HP Acquire Method	BNA_P	HP Processing Method	BP091225

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13174,10ul/1000ul sample
ICV/I.BLK	SP6796
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

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

M : Manual Integration

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP091725

Review By	Rahul	Review On	9/18/2025 1:34:08 PM		
Supervise By	Jagrut	Supervise On	9/18/2025 5:22:36 PM		
SubDirectory	BP091725	HP Acquire Method	BNA_P	HP Processing Method	BP091225

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13175,10ul/1000ul sample
ICV/I.BLK	SP6796
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

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

M : Manual Integration

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP091925

Review By	Rahul	Review On	9/22/2025 8:48:31 AM		
Supervise By	Jagrut	Supervise On	9/22/2025 10:06:31 AM		
SubDirectory	BP091925	HP Acquire Method	BNA_P	HP Processing Method	BP091225

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13175,10ul/1000ul sample
ICV/I.BLK	SP6796
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

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

M : Manual Integration

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB169719

SOP ID:	M3510C,3580A-Extraction SVOC-21				
Clean Up SOP #:	N/A			**Extraction Start Date :**	09/17/2025
Matrix :	Water			**Extraction Start Time :**	09:05
Weigh By:	N/A	**Extraction By:**	RJ	**Extraction End Date :**	09/17/2025
Balance check:	N/A	**Filter By:**	RJ	**Extraction End Time :**	14:15
Balance ID:	N/A	**pH Meter ID:**	N/A	**Concentration By:**	EH
pH Strip Lot#:	E3953	**Hood ID:**	4,6,7	**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	EP2639
H2SO4 1:1	N/A	EP2610
10N NaoH	N/A	EP2609
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

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

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

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
9/17/25	RJ (Ext-lab)	RC/SVOC
14:20	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

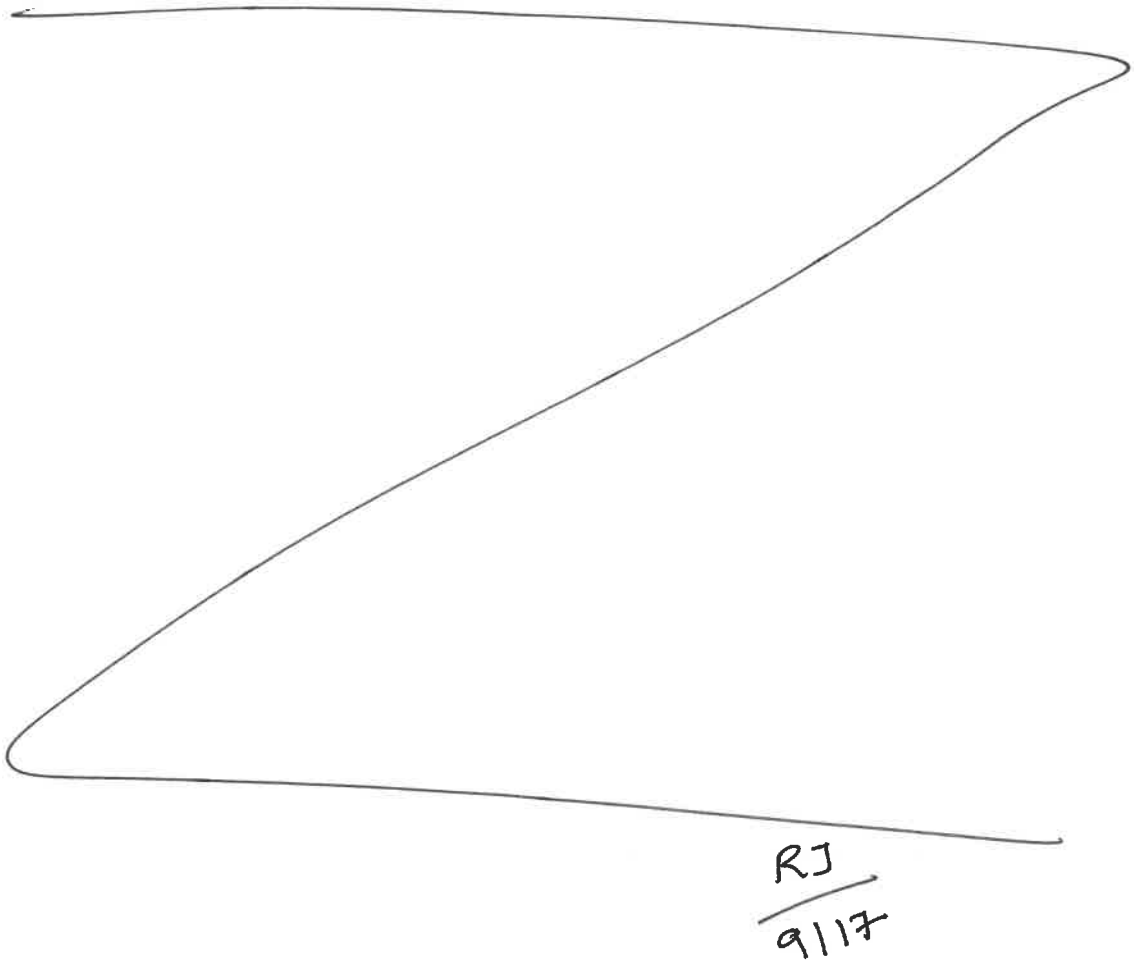
EXTRACTION LOGPAGE

PrepBatch ID : PB169719

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

Concentration Date: 09/17/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB169719BL	SBLK719	SVOCMS Group2	1000	6	ritesh	Evelyn	1			SEP-1
PB169719BS	SLCS719	SVOCMS Group2	1000	6	ritesh	Evelyn	1			2
PB169719BSD	SLCSD719	SVOCMS Group2	1000	6	ritesh	Evelyn	1			3
Q3015-03	WP0925-PT-BN-WP	SVOCMS Group1	1000	6	ritesh	Evelyn	1			4
Q3015-06	WP0925-PT-ACIDS-WP	SVOCMS Group2	1000	6	ritesh	Evelyn	1			5
Q3015-22	WP0925-RR-TRIAZINE-WP	SVOCMS Group6	1000	6	ritesh	Evelyn	1			6
Q3083-03	MW3S	SVOCMS Group2	1000	6	ritesh	Evelyn	1	F		7
Q3103-01	TW-WTS-14	SVOCMS Group4	1000	6	ritesh	Evelyn	1	D		8
Q3108-01	MW2	SVOCMS Group1	1000	6	ritesh	Evelyn	1	C		9



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

169715 9:05

WORKLIST(Hardcopy Internal Chain)

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

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

Date/Time 9/17/25 9:00
Raw Sample Received by: RJ (EZL-Lab)
Raw Sample Relinquished by: SM

Date/Time 9/17/25 9:30
Raw Sample Received by: SM
Raw Sample Relinquished by: RJ (EZL-Lab)

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LAB CHRONICLE

OrderID:	Q3108	**OrderDate:**	9/16/2025 10:59:00 AM
Client:	G Environmental	**Project:**	61 Laurel Street
Contact:	Gary Landis	**Location:**	A11,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3108-01	**MW2**	**Water**			**09/15/25**			**09/16/25**
			SVOCMS Group1	8270E		09/17/25	09/19/25	