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Cover Page

Order ID : Q2921

Project ID : 120 Petro NJ

Client : G Environmental

Lab Sample Number	Client Sample Number
Q2921-01	MW1

I certify that the data package is in compliance with the terms and conditions of the contract,both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : _____

Date: 8/29/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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CASE NARRATIVE

G Environmental
Project Name: 120 Petro NJ
Project # N/A
Order ID # Q2921
Test Name: SVOCMS Group1

A. Number of Samples and Date of Receipt:
1 Water sample was received on 08/20/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: SVOCMS Group1. This data package contains results for SVOCMS Group1.

C. Analytical Techniques:
The samples were analyzed on instrument BNA_P using GC Column ZB-SemiVolatiles Guardian which is 30 meters, 0.25 mm ID, 0.5 um df, Catalog # 7HG-G027-17-GGA. The analysis of SVOCMS Group1 was based on method 8270E and extraction was done based on method 3510.

D. QA/ QC Samples:
The Holding Times were met for all analysis.

The Surrogate recoveries were met for all analysis except for MW-201-082025MS [Nitrobenzene-d5 - 148%], MW-201-082025MSD [Nitrobenzene-d5 - 149%]. As per SOP one base surrogate is allowed to fail, Therefor no further corrective action was taken.

The Internal Standards Areas were met for all analysis.
The Retention Times were met for all analysis.

The MS {Q2924-03MS} with File ID: BP025602.D recoveries met the requirements for all compounds except for 2,2-oxybis(1-Chloropropane)[33%], 2,4-Dichlorophenol[157%], 2,4-Dimethylphenol[147%], 2-Methylnaphthalene[-233%], 2-Nitrophenol[168%], 4-Chloro-3-methylphenol[149%], Acetophenone[170%], Hexachlorobutadiene[139%], Hexachloroethane[181%], Isophorone[159%], Naphthalene[-777%] and Nitrobenzene[167%]. Recovery failed for few compounds due to matrix interference , Therefor no further corrective action was taken.

The MSD {Q2924-04MSD} with File ID: BP025603.D recoveries met the requirements for all compounds except for 2,2-oxybis(1-Chloropropane)[35%], 2,4-Dichlorophenol[162%], 2,4-Dimethylphenol[149%], 2-Methylnaphthalene[-133%], 2-Nitrophenol[172%], 4-Chloro-3-methylphenol[151%], Acetophenone[172%],

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Hexachlorobutadiene[142%], Hexachloroethane[184%], Isophorone[162%], Naphthalene[-190%] and Nitrobenzene[169%]. Recovery failed for few compounds due to matrix interference , Therefor no further corrective action was taken.

The RPD for {Q2924-04MSD} with File ID: BP025603.D met criteria except for 2-Methylnaphthalene[55%], Naphthalene[121%]. RPD Failed due to result difference between MS and MSD, Therefor no further corrective action was taken.
The Blank Spike met requirements for all compounds.

The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements.

The Continuous Calibration File ID BP025561.D met the requirements except for 2,4-Dinitrophenol and Benzaldehyde. Compounds failed high and associated sample does not have hit for these compounds, Therefor no further corrective action was taken.

The Continuous Calibration File ID BP025579.D met the requirements except for 2,4-Dinitrophenol and Benzaldehyde. Compounds failed high and associated samples does not have hit for these compounds, Therefor no further corrective action was taken.

The Continuous Calibration File ID BP025596.D met the requirements except for 2,4-Dinitrophenol and Benzaldehyde. Compounds failed high and associated samples does not have hit for these compounds, Therefor no further corrective action was taken.
The Tuning criteria met requirements.

E. Additional Comments:
The Form 6 is not included in the data package because the Initial Calibration was performed using 7 points.
Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <20% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 20% for the Initial Calibration curve for SW-846 analysis.

F. Manual Integration Comments:
Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_____

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DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following " Results Qualifiers" are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10 U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the analyte was analyzed for, but not detected
J	Indicates an estimated value**.** This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This is flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as "12 B".
E	Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.
Q	Indicates the LCS did not meet the control limits requirements

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: **Q2921**

	Completed
For thorough review, the report must have the following:	
GENERAL:	
Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)	✓
Check chain-of-custody for proper relinquish/return of samples	✓
Is the chain of custody signed and complete	✓
Check internal chain-of-custody for proper relinquish/return of samples /sample extracts	✓
Collect information for each project id from server. Were all requirements followed	✓
COVER PAGE:	
Do numbers of samples correspond to the number of samples in the Chain of Custody on login page	✓
Do lab numbers and client Ids on cover page agree with the Chain of Custody	✓
CHAIN OF CUSTODY:	
Do requested analyses on Chain of Custody agree with form I results	✓
Do requested analyses on Chain of Custody agree with the log-in page	✓
Were the correct method log-in for analysis according to the Analytical Request and Chain of Castody	✓
Were the samples received within hold time	✓
Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle	✓
ANALYTICAL:	
Was method requirement followed?	✓
Was client requirement followed?	✓
Does the case narrative summarize all QC failure?	✓
All runlogs and manual integration are reviewed for requirements	✓
All manual calculations and /or hand notations verified	✓

QA Review Signature: **SOHIL JODHANI** **Date:** **08/29/2025**

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LAB CHRONICLE

OrderID:	Q2921	**OrderDate:**	8/20/2025 3:10:18 PM
Client:	G Environmental	**Project:**	120 Petro NJ
Contact:	Gary Landis	**Location:**	D11,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2921-01	**MW1**	**Water**			**08/20/25**			**08/20/25**
			SVOCMS Group1	8270E		08/22/25	08/27/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2921

Client: G Environmental

Sample ID	Client ID		Parameter		Concentration	C	MDL	RDL	Units
Client ID : MW1									
Q2921-01	MW1	WATER	2-Bromotetradecane	*	8.700	J	0	0	ug/L
Q2921-01	MW1	WATER	3-Ethyl-2,6,10-trimethylundecane	*	8.800	J	0	0	ug/L
Q2921-01	MW1	WATER	3-Methyl-4-(methoxycarbonyl)he:	*	25.100	J	0	0	ug/L
Q2921-01	MW1	WATER	Benzophenone	*	8.800	J	0	0	ug/L
Q2921-01	MW1	WATER	Butane, 2-methoxy-2-methyl-	*	91.500	J	0	0	ug/L
Q2921-01	MW1	WATER	Carbonic acid, eicosyl vinyl ester	*	25.600	J	0	0	ug/L
Q2921-01	MW1	WATER	Docosane	*	13.200	J	0	0	ug/L
Q2921-01	MW1	WATER	Eicosane	*	23.300	J	0	0	ug/L
Q2921-01	MW1	WATER	Heneicosane	*	12.300	J	0	0	ug/L
Q2921-01	MW1	WATER	Heptadecane	*	37.800	J	0	0	ug/L
Q2921-01	MW1	WATER	Heptadecane, 2,6,10,15-tetrameth	*	19.500	J	0	0	ug/L
Q2921-01	MW1	WATER	Hexadecane	*	24.100	J	0	0	ug/L
Q2921-01	MW1	WATER	Hexadecane, 2,6,10,14-tetramethy	*	9.000	J	0	0	ug/L
Q2921-01	MW1	WATER	n-Hexadecanoic acid	*	11.500	J	0	0	ug/L
Q2921-01	MW1	WATER	Nonadecane	*	28.500	J	0	0	ug/L
Q2921-01	MW1	WATER	Octadecane	*	30.600	J	0	0	ug/L
Q2921-01	MW1	WATER	Octane, 2,6-dimethyl-	*	42.000	J	0	0	ug/L
Q2921-01	MW1	WATER	Tetradecane	*	17.700	J	0	0	ug/L
Q2921-01	MW1	WATER	Tridecane	*	14.200	J	0	0	ug/L
Q2921-01	MW1	WATER	Tridecane, 2-methyl-	*	35.000	J	0	0	ug/L
			Total Tics :		**487.20**				
			Total Concentration:		**487.20**				

QC SUMMARY

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Surrogate Summary

SW-846

SDG No.: Q2921

Client: G Environmental

Analytical Method: 8270E

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB169362BL	PB169362BL	2-Fluorophenol	150	125	83		23	138
		Phenol-d6	150	120	80		10	134
		Nitrobenzene-d5	100	75.8	76		67	132
		2-Fluorobiphenyl	100	73.3	73		52	132
		2,4,6-Tribromophenol	150	123	82		44	137
		Terphenyl-d14	100	70.1	70		42	152
PB169362BS	PB169362BS	2-Fluorophenol	150	116	77		23	138
		Phenol-d6	150	113	75		10	134
		Nitrobenzene-d5	100	72.1	72		67	132
		2-Fluorobiphenyl	100	70.9	71		52	132
		2,4,6-Tribromophenol	150	119	80		44	137
		Terphenyl-d14	100	75.5	75		42	152
Q2921-01	MW1	2-Fluorophenol	150	74.7	50		23	138
		Phenol-d6	150	47.9	32		10	134
		Nitrobenzene-d5	100	78.6	79		67	132
		2-Fluorobiphenyl	100	79.0	79		52	132
		2,4,6-Tribromophenol	150	126	84		44	137
		Terphenyl-d14	100	69.4	69		42	152
Q2924-03MS	MW-201-082025MS	2-Fluorophenol	150	67.6	45		23	138
		Phenol-d6	150	41.4	28		10	134
		Nitrobenzene-d5	100	148	148	*	67	132
		2-Fluorobiphenyl	100	79.6	80		52	132
		2,4,6-Tribromophenol	150	138	92		44	137
		Terphenyl-d14	100	76.9	77		42	152
Q2924-04MSD	MW-201-082025MSD	2-Fluorophenol	150	67.4	45		23	138
		Phenol-d6	150	41.4	28		10	134
		Nitrobenzene-d5	100	149	149	*	67	132
		2-Fluorobiphenyl	100	78.1	78		52	132
		2,4,6-Tribromophenol	150	135	90		44	137
		Terphenyl-d14	100	76.2	76		42	152

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2921 **Analytical Method:** SW8270E

Client: G Environmental **DataFile:** BP025602.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID: Q2924-03MS		**Client Sample ID: MW-201-082025MS**									
Benzaldehyde	51.5	0	38.4	ug/L	75				10	137	
Phenol	51.5	0	16.0	ug/L	31				10	130	
bis(2-Chloroethyl)ether	51.5	0	44.3	ug/L	86				29	141	
2-Chlorophenol	51.5	0	39.6	ug/L	77				23	127	
2-Methylphenol	51.5	0	33.8	ug/L	66				60	131	
2,2-oxybis(1-Chloropropane)	51.5	0	17.1	ug/L	33	*			36	141	
Acetophenone	51.5	0	87.5	ug/L	170	*			31	164	
3+4-Methylphenols	51.5	10.0	40.9	ug/L	60				54	136	
N-Nitroso-di-n-propylamine	51.5	0	42.2	ug/L	82				36	147	
Hexachloroethane	51.5	0	93.2	ug/L	181	*			19	146	
Nitrobenzene	51.5	0	85.8	ug/L	167	*			62	112	
Isophorone	51.5	0	81.7	ug/L	159	*			39	146	
2-Nitrophenol	51.5	0	86.6	ug/L	168	*			30	148	
2,4-Dimethylphenol	51.5	0	75.6	ug/L	147	*			17	143	
bis(2-Chloroethoxy)methane	51.5	0	70.3	ug/L	137				39	143	
2,4-Dichlorophenol	51.5	0	80.6	ug/L	157	*			22	146	
Naphthalene	51.5	3100	2700	ug/L	-777	*			17	157	
4-Chloroaniline	51.5	0	28.5	ug/L	55				10	95	
Hexachlorobutadiene	51.5	0	71.5	ug/L	139	*			52	125	
Caprolactam	51.5	0	16.7	ug/L	32				10	130	
4-Chloro-3-methylphenol	51.5	0	76.5	ug/L	149	*			17	148	
2-Methylnaphthalene	51.5	920	800	ug/L	-233	*			38	146	
Hexachlorocyclopentadiene	100	0	79.7	ug/L	80				20	153	
2,4,6-Trichlorophenol	51.5	0	50.2	ug/L	97				78	112	
2,4,5-Trichlorophenol	51.5	0	49.4	ug/L	96				71	111	
1,1-Biphenyl	51.5	26.0	69.6	ug/L	85				38	154	
2-Chloronaphthalene	51.5	0	48.9	ug/L	95				41	145	
2-Nitroaniline	51.5	0	54.1	ug/L	105				39	151	
Dimethylphthalate	51.5	0	48.7	ug/L	95				42	147	
Acenaphthylene	51.5	160	190	ug/L	58				40	141	
2,6-Dinitrotoluene	51.5	0	51.4	ug/L	100				43	148	
3-Nitroaniline	51.5	0	31.7	ug/L	62				10	111	
Acenaphthene	51.5	8.70	54.7	ug/L	89				37	146	
2,4-Dinitrophenol	100	0	120	ug/L	120				14	167	
4-Nitrophenol	100	0	42.0	ug/L	42				10	130	
Dibenzofuran	51.5	4.00	51.3	ug/L	92				41	145	
2,4-Dinitrotoluene	51.5	0	53.3	ug/L	103				74	137	
Diethylphthalate	51.5	2.10	50.3	ug/L	94				41	148	
4-Chlorophenyl-phenylether	51.5	0	48.5	ug/L	94				38	149	
Fluorene	51.5	27.4	67.1	ug/L	77				39	144	
4-Nitroaniline	51.5	0	48.5	ug/L	94				27	138	
4,6-Dinitro-2-methylphenol	51.5	0	55.1	ug/L	107				32	175	
N-Nitrosodiphenylamine	51.5	0	51.1	ug/L	99				40	150	
4-Bromophenyl-phenylether	51.5	0	51.5	ug/L	100				42	151	
Hexachlorobenzene	51.5	0	52.5	ug/L	102				72	115	
Atrazine	51.5	0	47.8	ug/L	93				20	162	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2921 **Analytical Method:** SW8270E

Client: G Environmental **DataFile:** BP025602.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Pentachlorophenol	100	0	110	ug/L	110				52	162	
Phenanthrene	51.5	29.6	65.4	ug/L	70				40	147	
Anthracene	51.5	6.10	53.4	ug/L	92				41	146	
Carbazole	51.5	13.8	61.7	ug/L	93				37	154	
Di-n-butylphthalate	51.5	2.70	51.3	ug/L	94				40	151	
Fluoranthene	51.5	2.30	51.0	ug/L	95				42	146	
Pyrene	51.5	3.00	50.5	ug/L	92				41	149	
Butylbenzylphthalate	51.5	0	51.2	ug/L	99				39	155	
3,3-Dichlorobenzidine	51.5	0	41.5	ug/L	81				10	114	
Chrysene	51.5	0	50.0	ug/L	97				44	144	
bis(2-Ethylhexyl)phthalate	51.5	0	48.4	ug/L	94				33	160	
Di-n-octyl phthalate	51.5	0	51.0	ug/L	99				36	158	
Indeno(1,2,3-cd)pyrene	51.5	0	50.1	ug/L	97				30	166	
Dibenz(a,h)anthracene	51.5	0	51.0	ug/L	99				23	172	
1,2,4,5-Tetrachlorobenzene	51.5	0	50.1	ug/L	97				89	102	
1,4-Dioxane	51.5	0	21.2	ug/L	41				38	130	
2,3,4,6-Tetrachlorophenol	51.5	0	51.1	ug/L	99				91	111	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2921 **Analytical Method:** SW8270E

Client: G Environmental **DataFile:** BP025603.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q2924-04MSD		**Client Sample ID: MW-201-082025MSD**									
Benzaldehyde	52.6	0	37.7	ug/L	72		4		10	137	20
Phenol	52.6	0	16.4	ug/L	31		0		10	130	20
bis(2-Chloroethyl)ether	52.6	0	44.2	ug/L	84		2		29	141	20
2-Chlorophenol	52.6	0	39.6	ug/L	75		3		23	127	20
2-Methylphenol	52.6	0	34.5	ug/L	66		0		60	131	20
2,2-oxybis(1-Chloropropane)	52.6	0	18.4	ug/L	35	*	6		36	141	20
Acetophenone	52.6	0	90.6	ug/L	172	*	1		31	164	20
3+4-Methylphenols	52.6	10.0	41.7	ug/L	60		0		54	136	20
N-Nitroso-di-n-propylamine	52.6	0	43.2	ug/L	82		0		36	147	20
Hexachloroethane	52.6	0	96.9	ug/L	184	*	2		19	146	20
Nitrobenzene	52.6	0	89.1	ug/L	169	*	1		62	112	20
Isophorone	52.6	0	85.0	ug/L	162	*	2		39	146	20
2-Nitrophenol	52.6	0	90.4	ug/L	172	*	2		30	148	20
2,4-Dimethylphenol	52.6	0	78.4	ug/L	149	*	1		17	143	20
bis(2-Chloroethoxy)methane	52.6	0	75.2	ug/L	143		4		39	143	20
2,4-Dichlorophenol	52.6	0	85.1	ug/L	162	*	3		22	146	20
Naphthalene	52.6	3100	3000	ug/L	-190	*	121	*	17	157	20
4-Chloroaniline	52.6	0	31.3	ug/L	60		9		10	95	20
Hexachlorobutadiene	52.6	0	74.8	ug/L	142	*	2		52	125	20
Caprolactam	52.6	0	17.0	ug/L	32		0		10	130	20
4-Chloro-3-methylphenol	52.6	0	79.4	ug/L	151	*	1		17	148	20
2-Methylnaphthalene	52.6	920	850	ug/L	-133	*	55	*	38	146	20
Hexachlorocyclopentadiene	110	0	76.9	ug/L	70		13		20	153	20
2,4,6-Trichlorophenol	52.6	0	50.2	ug/L	95		2		78	112	20
2,4,5-Trichlorophenol	52.6	0	49.9	ug/L	95		1		71	111	20
1,1-Biphenyl	52.6	26.0	70.0	ug/L	84		1		38	154	20
2-Chloronaphthalene	52.6	0	48.9	ug/L	93		2		41	145	20
2-Nitroaniline	52.6	0	53.9	ug/L	102		3		39	151	20
Dimethylphthalate	52.6	0	47.8	ug/L	91		4		42	147	20
Acenaphthylene	52.6	160	190	ug/L	57		2		40	141	20
2,6-Dinitrotoluene	52.6	0	51.3	ug/L	98		2		43	148	20
3-Nitroaniline	52.6	0	32.4	ug/L	62		0		10	111	20
Acenaphthene	52.6	8.70	53.5	ug/L	85		5		37	146	20
2,4-Dinitrophenol	110	0	120	ug/L	109		10		14	167	20
4-Nitrophenol	110	0	42.7	ug/L	39		7		10	130	20
Dibenzofuran	52.6	4.00	51.2	ug/L	90		2		41	145	20
2,4-Dinitrotoluene	52.6	0	52.5	ug/L	100		3		74	137	20
Diethylphthalate	52.6	2.10	48.9	ug/L	89		5		41	148	20
4-Chlorophenyl-phenylether	52.6	0	48.5	ug/L	92		2		38	149	20
Fluorene	52.6	27.4	68.0	ug/L	77		0		39	144	20
4-Nitroaniline	52.6	0	49.4	ug/L	94		0		27	138	20
4,6-Dinitro-2-methylphenol	52.6	0	55.7	ug/L	106		1		32	175	20
N-Nitrosodiphenylamine	52.6	0	50.5	ug/L	96		3		40	150	20
4-Bromophenyl-phenylether	52.6	0	52.0	ug/L	99		1		42	151	20
Hexachlorobenzene	52.6	0	52.3	ug/L	99		3		72	115	20
Atrazine	52.6	0	48.5	ug/L	92		1		20	162	20

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2921 **Analytical Method:** SW8270E

Client: G Environmental **DataFile:** BP025603.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Pentachlorophenol	110	0	110	ug/L	100		10		52	162	20
Phenanthrene	52.6	29.6	67.2	ug/L	71		1		40	147	20
Anthracene	52.6	6.10	53.2	ug/L	90		2		41	146	20
Carbazole	52.6	13.8	63.5	ug/L	94		1		37	154	20
Di-n-butylphthalate	52.6	2.70	52.6	ug/L	95		1		40	151	20
Fluoranthene	52.6	2.30	51.6	ug/L	94		1		42	146	20
Pyrene	52.6	3.00	50.1	ug/L	90		2		41	149	20
Butylbenzylphthalate	52.6	0	52.0	ug/L	99		0		39	155	20
3,3-Dichlorobenzidine	52.6	0	43.4	ug/L	83		2		10	114	20
Chrysene	52.6	0	51.2	ug/L	97		0		44	144	20
bis(2-Ethylhexyl)phthalate	52.6	0	49.7	ug/L	94		0		33	160	20
Di-n-octyl phthalate	52.6	0	52.0	ug/L	99		0		36	158	20
Indeno(1,2,3-cd)pyrene	52.6	0	50.9	ug/L	97		0		30	166	20
Dibenz(a,h)anthracene	52.6	0	51.6	ug/L	98		1		23	172	20
1,2,4,5-Tetrachlorobenzene	52.6	0	49.8	ug/L	95		2		89	102	20
1,4-Dioxane	52.6	0	21.8	ug/L	41		0		38	130	20
2,3,4,6-Tetrachlorophenol	52.6	0	50.6	ug/L	96		3		91	111	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2921 **Analytical Method:** 8270E

Client: G Environmental **DataFile:** BP025581.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB169362BS	Benzaldehyde	50	22.9	ug/L	46				10	162	
	Phenol	50	41.7	ug/L	83				66	118	
	bis(2-Chloroethyl)ether	50	40.1	ug/L	80				62	103	
	2-Chlorophenol	50	41.6	ug/L	83				70	117	
	2-Methylphenol	50	41.0	ug/L	82				69	109	
	2,2-oxybis(1-Chloropropane)	50	39.7	ug/L	79				65	100	
	Acetophenone	50	39.8	ug/L	80				60	104	
	3+4-Methylphenols	50	39.8	ug/L	80				67	106	
	N-Nitroso-di-n-propylamine	50	36.5	ug/L	73				57	107	
	Hexachloroethane	50	40.3	ug/L	81				76	118	
	Nitrobenzene	50	41.1	ug/L	82				58	106	
	Isophorone	50	39.2	ug/L	78				61	102	
	2-Nitrophenol	50	42.7	ug/L	85				70	115	
	2,4-Dimethylphenol	50	42.3	ug/L	85				42	142	
	bis(2-Chloroethoxy)methane	50	40.1	ug/L	80				58	109	
	2,4-Dichlorophenol	50	43.3	ug/L	87				66	115	
	Naphthalene	50	39.7	ug/L	79				64	107	
	4-Chloroaniline	50	23.9	ug/L	48				10	85	
	Hexachlorobutadiene	50	40.8	ug/L	82				69	101	
	Caprolactam	50	39.6	ug/L	79				58	128	
	4-Chloro-3-methylphenol	50	42.3	ug/L	85				65	114	
	2-Methylnaphthalene	50	39.4	ug/L	79				64	107	
	Hexachlorocyclopentadiene	100	81.0	ug/L	81				36	160	
	2,4,6-Trichlorophenol	50	44.1	ug/L	88				61	110	
	2,4,5-Trichlorophenol	50	44.6	ug/L	89				70	106	
	1,1-Biphenyl	50	41.8	ug/L	84				72	98	
	2-Chloronaphthalene	50	40.9	ug/L	82				59	106	
	2-Nitroaniline	50	44.0	ug/L	88				73	114	
	Dimethylphthalate	50	41.0	ug/L	82				64	103	
	Acenaphthylene	50	40.9	ug/L	82				79	103	
	2,6-Dinitrotoluene	50	43.4	ug/L	87				64	110	
	3-Nitroaniline	50	31.2	ug/L	62				28	100	
	Acenaphthene	50	39.5	ug/L	79				59	113	
	2,4-Dinitrophenol	100	100	ug/L	100				36	166	
	4-Nitrophenol	100	82.1	ug/L	82				45	147	
	Dibenzofuran	50	40.2	ug/L	80				65	106	
	2,4-Dinitrotoluene	50	43.7	ug/L	87				60	115	
	Diethylphthalate	50	41.5	ug/L	83				63	105	
	4-Chlorophenyl-phenylether	50	40.1	ug/L	80				61	104	
	Fluorene	50	40.2	ug/L	80				64	107	
	4-Nitroaniline	50	41.1	ug/L	82				55	125	
	4,6-Dinitro-2-methylphenol	50	46.7	ug/L	93				62	132	
	N-Nitrosodiphenylamine	50	42.8	ug/L	86				61	109	
	4-Bromophenyl-phenylether	50	42.2	ug/L	84				73	103	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2921 **Analytical Method:** 8270E

Client: G Environmental **DataFile:** BP025581.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB169362BS	Hexachlorobenzene	50	42.0	ug/L	84				73	106	
	Atrazine	50	41.7	ug/L	83				76	120	
	Pentachlorophenol	100	86.9	ug/L	87				47	114	
	Phenanthrene	50	40.9	ug/L	82				62	109	
	Anthracene	50	41.4	ug/L	83				65	110	
	Carbazole	50	40.8	ug/L	82				62	106	
	Di-n-butylphthalate	50	41.6	ug/L	83				64	106	
	Fluoranthene	50	40.0	ug/L	80				64	110	
	Pyrene	50	43.4	ug/L	87				71	103	
	Butylbenzylphthalate	50	44.3	ug/L	89				61	105	
	3,3-Dichlorobenzidine	50	31.9	ug/L	64				43	108	
	Chrysene	50	41.7	ug/L	83				61	108	
	bis(2-Ethylhexyl)phthalate	50	42.7	ug/L	85				59	110	
	Di-n-octyl phthalate	50	43.7	ug/L	87				52	139	
	Indeno(1,2,3-cd)pyrene	50	41.4	ug/L	83				72	105	
	Dibenz(a,h)anthracene	50	41.8	ug/L	84				78	115	
	1,2,4,5-Tetrachlorobenzene	50	42.0	ug/L	84				72	101	
	1,4-Dioxane	50	34.9	ug/L	70				38	125	
	2,3,4,6-Tetrachlorophenol	50	43.0	ug/L	86				63	116	

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID: PB169362BL

Lab Name: Alliance | Contract: GENV01

Lab Code: ACE | SDG NO.: Q2921

Lab File ID: BP025562.D | Lab Sample ID: PB169362BL

Instrument ID: BNA_P | Date Extracted: 08/22/2025

Matrix: (soil/water) Water | Date Analyzed: 08/25/2025

Level: (low/med) LOW | Time Analyzed: 12:54

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB169362BS	PB169362BS	BP025581.D	08/26/2025
MW-201-082025MS	Q2924-03MS	BP025602.D	08/27/2025
MW-201-082025MSD	Q2924-04MSD	BP025603.D	08/27/2025
MW1	Q2921-01	BP025606.D	08/27/2025

COMMENTS:

Raw Data: **BP025390.D**

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q2921

Lab File ID: BP025390.D DFTPP Injection Date: 08/14/2025

Instrument ID: BNA_P DFTPP Injection Time: 10:30

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.4 (1.6) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.1 (0.4) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
365	Greater than 1% of mass 198	4.4
441	Present, but less than mass 443	81.3
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.2 (19.2) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BP025392.D	08/14/2025	12:33
SSTDICC005	SSTDICC005	BP025393.D	08/14/2025	13:15
SSTDICC010	SSTDICC010	BP025394.D	08/14/2025	13:56
SSTDICC020	SSTDICC020	BP025395.D	08/14/2025	14:38
SSTDICCC040	SSTDICCC040	BP025396.D	08/14/2025	15:19
SSTDICC050	SSTDICC050	BP025397.D	08/14/2025	16:01
SSTDICC060	SSTDICC060	BP025398.D	08/14/2025	16:42
SSTDICC080	SSTDICC080	BP025399.D	08/14/2025	17:24

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance — Contract: GENV01

Lab Code: ACE — SDG NO.: Q2921

Lab File ID: BP025560.D — DFTPP Injection Date: 08/25/2025

Instrument ID: BNA_P — DFTPP Injection Time: 10:24

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.7) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.1 (0.3) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	80.8
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.3 (19.3) 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	BP025561.D	08/25/2025	12:13
PB169362BL	PB169362BL	BP025562.D	08/25/2025	12:54

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance — Contract: GENV01

Lab Code: ACE — SDG NO.: Q2921

Lab File ID: BP025578.D — DFTPP Injection Date: 08/26/2025

Instrument ID: BNA_P — DFTPP Injection Time: 08:59

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.6) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.2 (0.6) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
365	Greater than 1% of mass 198	3.9
441	Present, but less than mass 443	78.3
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.6 (19.6) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BP025579.D	08/26/2025	10:21
PB169362BS	PB169362BS	BP025581.D	08/26/2025	11:44

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG NO.: Q2921

Lab File ID: BP025595.D DFTPP Injection Date: 08/27/2025

Instrument ID: BNA_P DFTPP Injection Time: 08:58

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.5 (1.7) 1
69	Mass 69 relative abundance	100
70	Less than 2.0% of mass 69	0.2 (0.6) 1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	79.2
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.6 (19.6) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BP025596.D	08/27/2025	09:39
MW-201-082025MS	Q2924-03MS	BP025602.D	08/27/2025	14:18
MW-201-082025MSD	Q2924-04MSD	BP025603.D	08/27/2025	15:00
MW1	Q2921-01	BP025606.D	08/27/2025	17:03

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2921

Client ID : SSTDCCC040 Date Analyzed: 08/25/2025

Lab File ID: BP025561.D Time Analyzed: 12:13

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	176050	7.766	715069	10.54	441846	14.39
	UPPER LIMIT	352100	8.266	1430140	11.037	883692	14.89
	LOWER LIMIT	88025	7.266	357535	10.037	220923	13.89
	EPA SAMPLE NO.						
01	PB169362BL	173347	7.78	665603	10.54	424932	14.39

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.: Q2921

Client ID: SSTDCCC040 Date Analyzed: 08/25/2025

Lab File ID: BP025561.D Time Analyzed: 12:13

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	900532	17.189	945335	21.63	1072630	25.001
	UPPER LIMIT	1801060	17.689	1890670	22.13	2145260	25.501
	LOWER LIMIT	450266	16.689	472668	21.13	536315	24.501
	EPA SAMPLE NO.						
01	PB169362BL	890876	17.19	1139400	21.63	1287990	25.00

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.: Q2921

Client ID : SSTDCCC040 Date Analyzed: 08/26/2025

Lab File ID: BP025579.D Time Analyzed: 10:21

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	235051	7.778	932609	10.55	572065	14.39
	UPPER LIMIT	470102	8.278	1865220	11.049	1144130	14.89
	LOWER LIMIT	117526	7.278	466305	10.049	286033	13.89
	EPA SAMPLE NO.						
01	PB169362BS	256194	7.78	1004580	10.55	636349	14.41

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.: Q2921

Client ID: SSTDCCC040 Date Analyzed: 08/26/2025

Lab File ID: BP025579.D Time Analyzed: 10:21

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	1130980	17.195	1110360	21.636	1292920	24.995
	UPPER LIMIT	2261960	17.695	2220720	22.136	2585840	25.495
	LOWER LIMIT	565490	16.695	555180	21.136	646460	24.495
	EPA SAMPLE NO.						
01	PB169362BS	1239650	17.20	1177570	21.63	1318340	24.99

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

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

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

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q2921

Client ID : SSTDCCC040 Date Analyzed: 08/27/2025

Lab File ID: BP025596.D Time Analyzed: 09:39

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	161611	7.778	681785	10.54	463868	14.40
	UPPER LIMIT	323222	8.278	1363570	11.043	927736	14.896
	LOWER LIMIT	80805.5	7.278	340893	10.043	231934	13.896
	EPA SAMPLE NO.						
01	MW1	180094	7.78	701721	10.54	421669	14.39
02	MW-201-082025MS	177033	7.78	389081	10.57	432672	14.39
03	MW-201-082025MSD	165573	7.78	358938	10.57	417829	14.40

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.: Q2921

Client ID: SSTDCCC040 Date Analyzed: 08/27/2025

Lab File ID: BP025596.D Time Analyzed: 09:39

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	978179	17.207	1036720	21.642	1177640	25.001
	UPPER LIMIT	1956360	17.707	2073440	22.142	2355280	25.501
	LOWER LIMIT	489090	16.707	518360	21.142	588820	24.501
	EPA SAMPLE NO.						
01	MW1	799345	17.20	913374	21.64	1064570	25.01
02	MW-201-082025MS	850262	17.19	903685	21.64	1056320	25.00
03	MW-201-082025MSD	814298	17.20	887974	21.64	1057490	25.01

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.

SAMPLE DATA

Raw Data: **BP025606.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:	08/20/25
Project:	120 Petro NJ	Date Received:	08/20/25
Client Sample ID:	MW1	SDG No.:	Q2921
Lab Sample ID:	Q2921-01	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	950 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
BP025606.D	1	08/22/25 10:34	08/27/25 17:03	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	4.10	U	4.10	10.5	ug/L
108-95-2	Phenol	0.96	U	0.96	5.30	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.85	U	0.85	5.30	ug/L
95-57-8	2-Chlorophenol	0.61	U	0.61	5.30	ug/L
95-48-7	2-Methylphenol	1.20	U	1.20	5.30	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1.30	5.30	ug/L
98-86-2	Acetophenone	0.78	U	0.78	5.30	ug/L
65794-96-9	3+4-Methylphenols	1.20	U	1.20	10.5	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.50	U	1.50	2.60	ug/L
67-72-1	Hexachloroethane	0.68	U	0.68	5.30	ug/L
98-95-3	Nitrobenzene	0.80	U	0.80	5.30	ug/L
78-59-1	Isophorone	0.79	U	0.79	5.30	ug/L
88-75-5	2-Nitrophenol	1.90	U	1.90	5.30	ug/L
105-67-9	2,4-Dimethylphenol	1.90	U	1.90	5.30	ug/L
111-91-1	bis(2-Chloroethoxy)methane	0.72	U	0.72	5.30	ug/L
120-83-2	2,4-Dichlorophenol	0.55	U	0.55	5.30	ug/L
91-20-3	Naphthalene	0.53	U	0.53	5.30	ug/L
106-47-8	4-Chloroaniline	0.88	U	0.88	5.30	ug/L
87-68-3	Hexachlorobutadiene	0.57	U	0.57	5.30	ug/L
105-60-2	Caprolactam	1.20	U	1.20	10.5	ug/L
59-50-7	4-Chloro-3-methylphenol	0.62	U	0.62	5.30	ug/L
91-57-6	2-Methylnaphthalene	0.59	U	0.59	5.30	ug/L
77-47-4	Hexachlorocyclopentadiene	3.80	U	3.80	10.5	ug/L
88-06-2	2,4,6-Trichlorophenol	0.54	U	0.54	5.30	ug/L
95-95-4	2,4,5-Trichlorophenol	0.65	U	0.65	5.30	ug/L
92-52-4	1,1-Biphenyl	0.56	U	0.56	5.30	ug/L
91-58-7	2-Chloronaphthalene	0.64	U	0.64	5.30	ug/L
88-74-4	2-Nitroaniline	1.30	U	1.30	5.30	ug/L
131-11-3	Dimethylphthalate	0.64	U	0.64	5.30	ug/L

Raw Data: **BP025606.D**

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Fax : 908 789 8922

Report of Analysis

Client:	G Environmental	Date Collected:	08/20/25
Project:	120 Petro NJ	Date Received:	08/20/25
Client Sample ID:	MW1	SDG No.:	Q2921
Lab Sample ID:	Q2921-01	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	950 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
BP025606.D	1	08/22/25 10:34	08/27/25 17:03	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	0.79	U	0.79	5.30	ug/L
606-20-2	2,6-Dinitrotoluene	0.97	U	0.97	5.30	ug/L
99-09-2	3-Nitroaniline	1.10	U	1.10	5.30	ug/L
83-32-9	Acenaphthene	0.58	U	0.58	5.30	ug/L
51-28-5	2,4-Dinitrophenol	6.30	U	6.30	10.5	ug/L
100-02-7	4-Nitrophenol	2.50	U	2.50	10.5	ug/L
132-64-9	Dibenzofuran	0.64	U	0.64	5.30	ug/L
121-14-2	2,4-Dinitrotoluene	1.30	U	1.30	5.30	ug/L
84-66-2	Diethylphthalate	0.73	U	0.73	5.30	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.72	U	0.72	5.30	ug/L
86-73-7	Fluorene	0.66	U	0.66	5.30	ug/L
100-01-6	4-Nitroaniline	1.60	U	1.60	5.30	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.00	U	3.00	10.5	ug/L
86-30-6	n-Nitrosodiphenylamine	0.61	U	0.61	5.30	ug/L
101-55-3	4-Bromophenyl-phenylether	0.42	U	0.42	5.30	ug/L
118-74-1	Hexachlorobenzene	0.55	U	0.55	5.30	ug/L
1912-24-9	Atrazine	1.10	U	1.10	5.30	ug/L
87-86-5	Pentachlorophenol	1.70	U	1.70	10.5	ug/L
85-01-8	Phenanthrene	0.53	U	0.53	5.30	ug/L
120-12-7	Anthracene	0.64	U	0.64	5.30	ug/L
86-74-8	Carbazole	0.76	U	0.76	5.30	ug/L
84-74-2	Di-n-butylphthalate	1.30	U	1.30	5.30	ug/L
206-44-0	Fluoranthene	0.86	U	0.86	5.30	ug/L
129-00-0	Pyrene	0.53	U	0.53	5.30	ug/L
85-68-7	Butylbenzylphthalate	2.00	U	2.00	5.30	ug/L
91-94-1	3,3-Dichlorobenzidine	0.98	U	0.98	10.5	ug/L
218-01-9	Chrysene	0.46	U	0.46	5.30	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.70	U	1.70	5.30	ug/L
117-84-0	Di-n-octyl phthalate	2.50	U	2.50	10.5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.62	U	0.62	5.30	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.71	U	0.71	5.30	ug/L

Raw Data: **BP025606.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:	08/20/25
Project:	120 Petro NJ	Date Received:	08/20/25
Client Sample ID:	MW1	SDG No.:	Q2921
Lab Sample ID:	Q2921-01	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	950 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
BP025606.D	1	08/22/25 10:34	08/27/25 17:03	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
95-94-3	1,2,4,5-Tetrachlorobenzene	0.55	U	0.55	5.30	ug/L
123-91-1	1,4-Dioxane	1.10	U	1.10	5.30	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.76	U	0.76	5.30	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	74.7		23 - 138	50%	SPK: 150
13127-88-3	Phenol-d6	47.9		10 - 134	32%	SPK: 150
4165-60-0	Nitrobenzene-d5	78.6		67 - 132	79%	SPK: 100
321-60-8	2-Fluorobiphenyl	79.0		52 - 132	79%	SPK: 100
118-79-6	2,4,6-Tribromophenol	126		44 - 137	84%	SPK: 150
1718-51-0	Terphenyl-d14	69.4		42 - 152	69%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	180000	7.778			
1146-65-2	Naphthalene-d8	702000	10.543			
15067-26-2	Acenaphthene-d10	422000	14.39			
1517-22-2	Phenanthrene-d10	799000	17.195			
1719-03-5	Chrysene-d12	913000	21.642			
1520-96-3	Perylene-d12	1060000	25.007			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	91.5	J		3.03	ug/L
000629-50-5	Tridecane	14.2	J		12.0	ug/L
000638-36-8	Hexadecane, 2,6,10,14-tetramethyl-	9.00	J		12.9	ug/L
000629-59-4	Tetradecane	17.7	J		13.2	ug/L
1000432-25-9	3-Ethyl-2,6,10-trimethylundecane	8.80	J		13.9	ug/L
000544-76-3	Hexadecane	24.1	J		14.3	ug/L
000629-94-7	Heneicosane	12.3	J		14.9	ug/L
1000382-54-3	Carbonic acid, eicosyl vinyl ester	25.6	J		15.3	ug/L
1010104-10-8	3-Methyl-4-(methoxycarbonyl)hexa-2	25.1	J		15.7	ug/L
000119-61-9	Benzophenone	8.80	J		15.8	ug/L
000629-78-7	Heptadecane	37.8	J		16.1	ug/L
002051-30-1	Octane, 2,6-dimethyl-	42.0	J		16.2	ug/L

Raw Data: **BP025606.D**

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Report of Analysis

Client:	G Environmental			Date Collected:	08/20/25
Project:	120 Petro NJ			Date Received:	08/20/25
Client Sample ID:	MW1			SDG No.:	Q2921
Lab Sample ID:	Q2921-01			Matrix:	Water
Analytical Method:	8270E			% Solid:	0
Sample Wt/Vol:	950	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
BP025606.D	1	08/22/25 10:34	08/27/25 17:03	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
000593-45-3	Octadecane	30.6	J		17.0	ug/L
001560-96-9	Tridecane, 2-methyl-	35.0	J		17.0	ug/L
074036-95-6	2-Bromotetradecane	8.70	J		17.6	ug/L
000629-92-5	Nonadecane	28.5	J		17.7	ug/L
000057-10-3	n-Hexadecanoic acid	11.5	J		18.1	ug/L
000112-95-8	Eicosane	23.3	J		18.4	ug/L
054833-48-6	Heptadecane, 2,6,10,15-tetramethyl	19.5	J		19.1	ug/L
000629-97-0	Docosane	13.2	J		19.7	ug/L

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

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025606.D
Acq On : 27 Aug 2025 17:03
Operator : CG/JU
Sample : Q2921-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW1

Quant Time: Aug 27 17:27:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

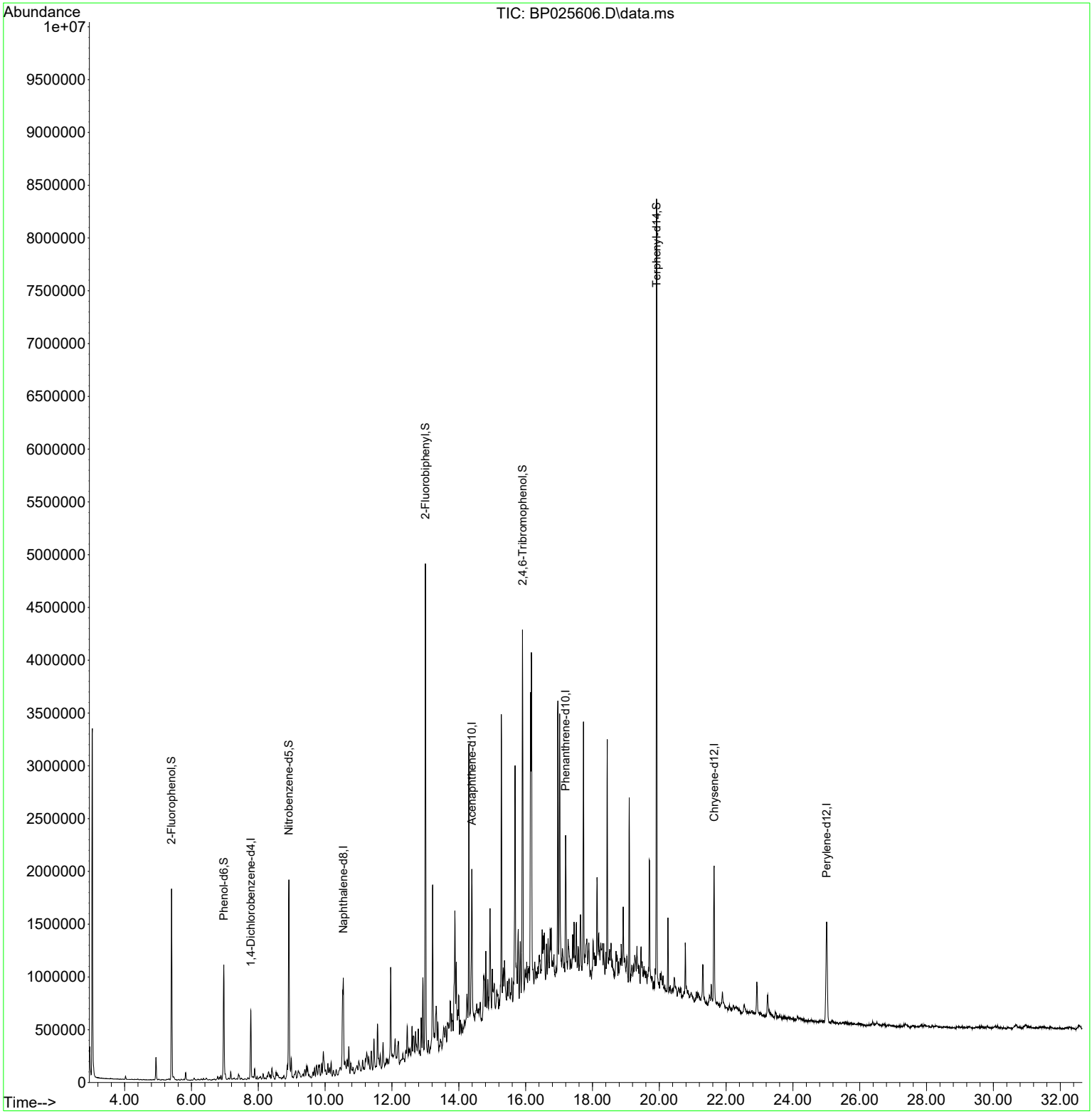
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.778	152	180094	20.000	ng	-0.02
21) Naphthalene-d8	10.543	136	701721	20.000	ng	-0.02
39) Acenaphthene-d10	14.390	164	421669	20.000	ng	-0.02
64) Phenanthrene-d10	17.195	188	799345	20.000	ng	0.00
76) Chrysene-d12	21.642	240	913374	20.000	ng	0.00
86) Perylene-d12	25.007	264	1064567	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.402	112	809629	74.658	ng	0.00
7) Phenol-d6	6.967	99	665952	47.898	ng	0.00
23) Nitrobenzene-d5	8.913	82	1089756	78.558	ng	-0.02
42) 2,4,6-Tribromophenol	15.907	330	712694	125.569	ng	0.00
45) 2-Fluorobiphenyl	13.002	172	2437054	78.988	ng	-0.02
79) Terphenyl-d14	19.919	244	3465681	69.421	ng	0.00
Target Compounds						Qvalue

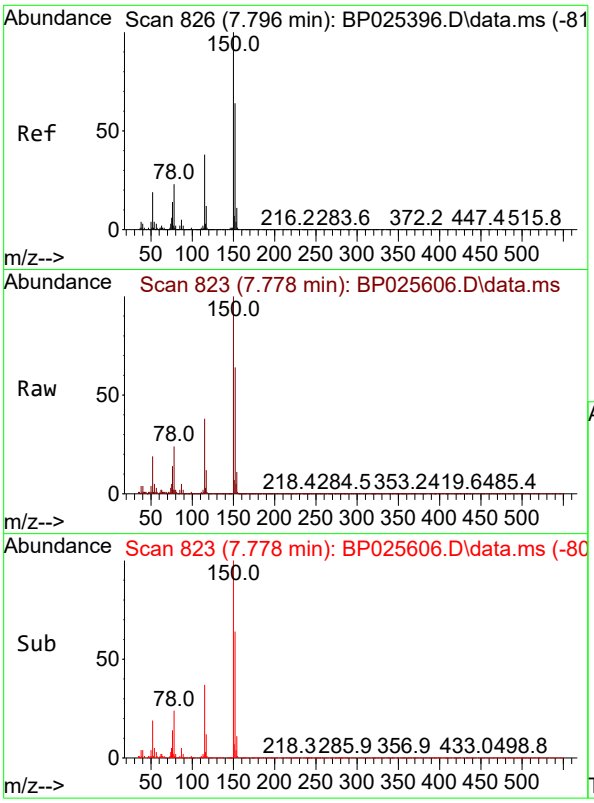
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025606.D
Acq On : 27 Aug 2025 17:03
Operator : CG/JU
Sample : Q2921-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW1

Quant Time: Aug 27 17:27:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration



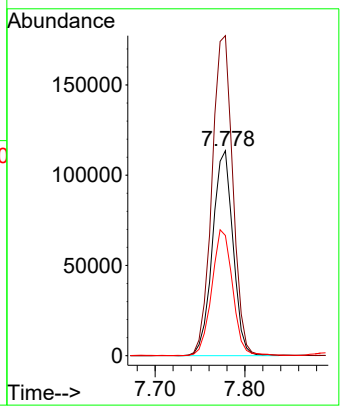


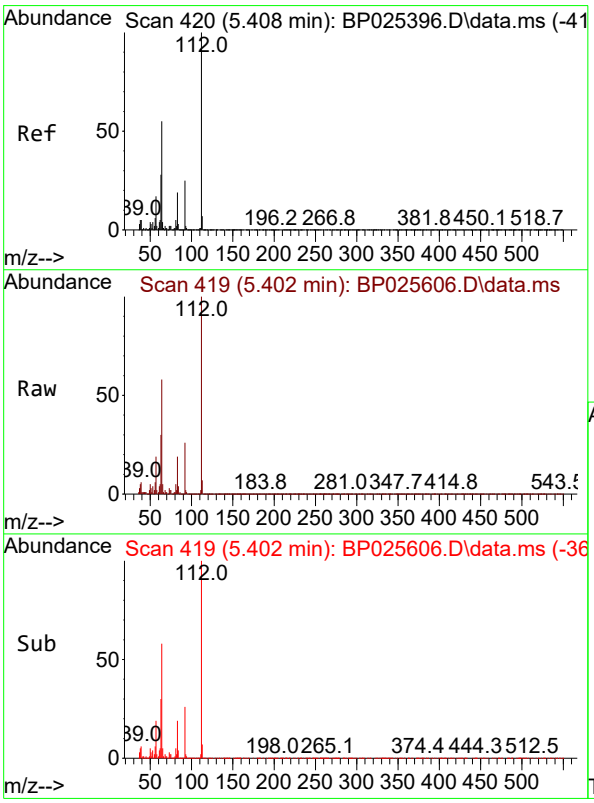
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.778 min Scan# 8
Delta R.T. -0.018 min
Lab File: BP025606.D
Acq: 27 Aug 2025 17:03

Instrument :
BNA_P
ClientSampleId :
MW1

Tgt Ion:152 Resp: 180094

Ion	Ratio	Lower	Upper
152	100		
150	156.2	125.9	188.9
115	58.6	48.5	72.7

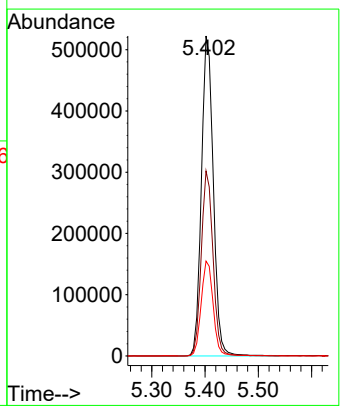


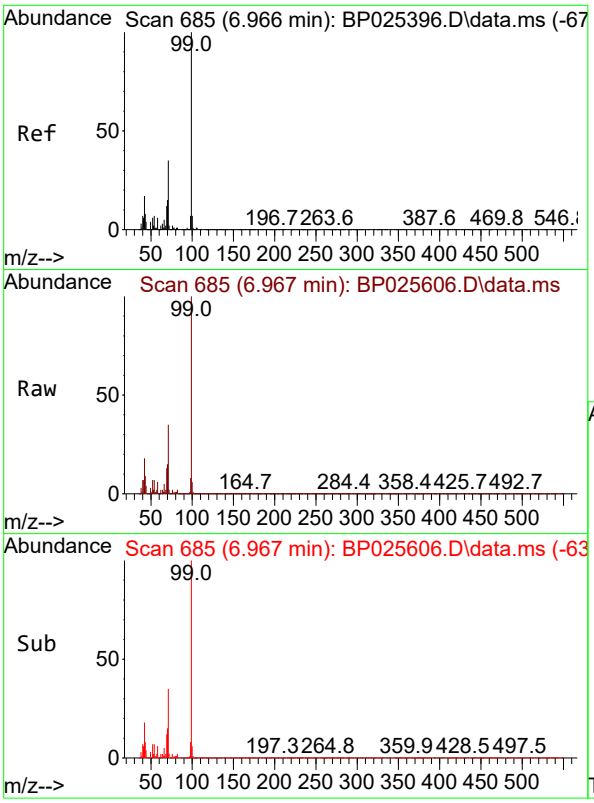


#5
2-Fluorophenol
Concen: 74.658 ng
RT: 5.402 min Scan# 419
Delta R.T. -0.006 min
Lab File: BP025606.D
Acq: 27 Aug 2025 17:03

Tgt Ion:112 Resp: 809629

Ion	Ratio	Lower	Upper
112	100		
64	57.8	43.8	65.8
63	29.6	22.7	34.1



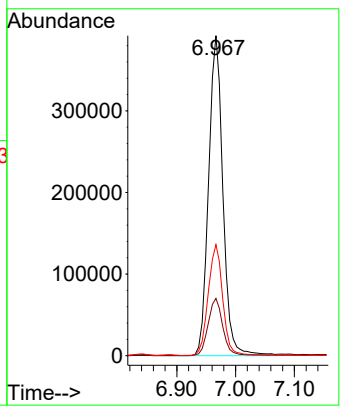


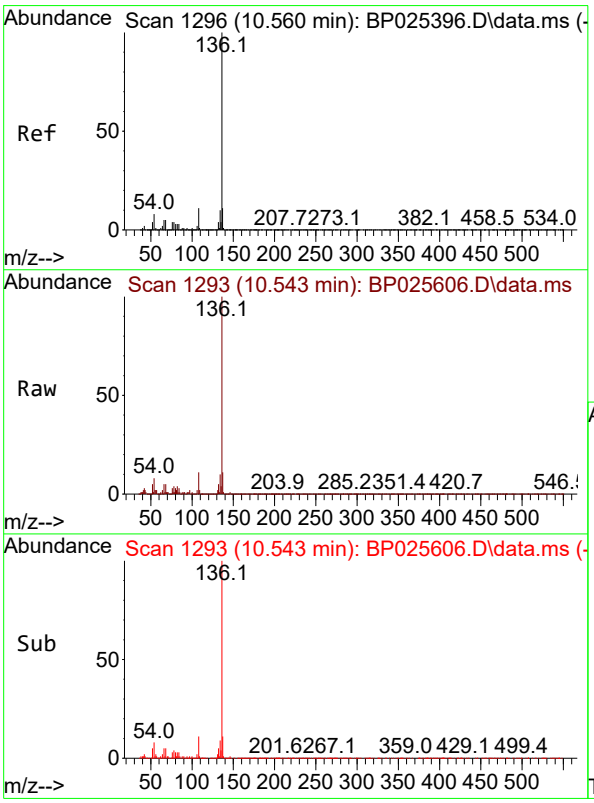
#7
Phenol-d6
Concen: 47.898 ng
RT: 6.967 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025606.D
Acq: 27 Aug 2025 17:03

Instrument :
BNA_P
ClientSampleId :
MW1

Tgt Ion: 99 Resp: 665952

Ion	Ratio	Lower	Upper
99	100		
42	17.9	13.7	20.5
71	34.7	28.2	42.4

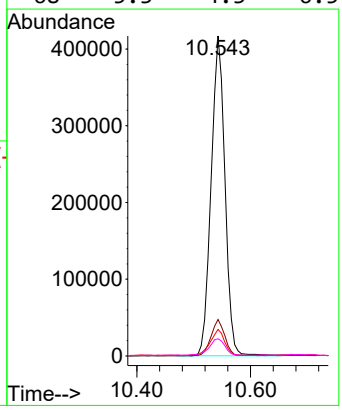


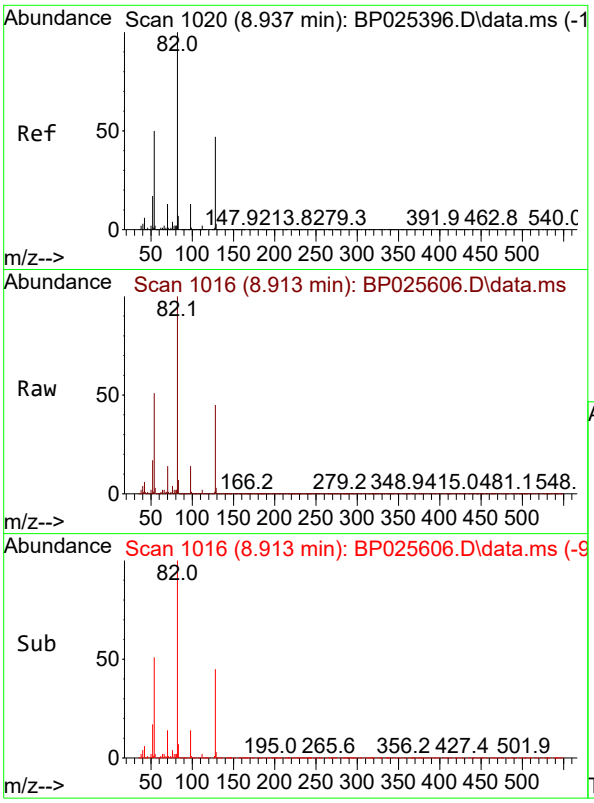


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.543 min Scan# 1293
Delta R.T. -0.017 min
Lab File: BP025606.D
Acq: 27 Aug 2025 17:03

Tgt Ion:136 Resp: 701721

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.2	13.8
54	8.3	6.0	9.0
68	5.3	4.3	6.5



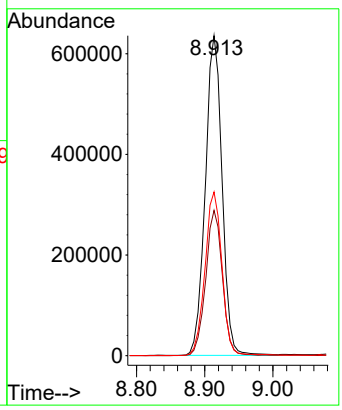


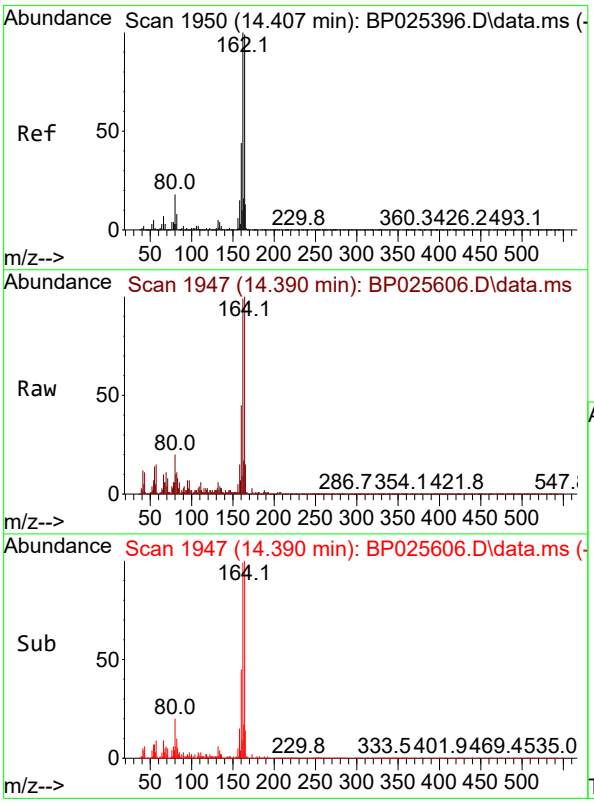
#23
Nitrobenzene-d5
Concen: 78.558 ng
RT: 8.913 min Scan# 1
Delta R.T. -0.023 min
Lab File: BP025606.D
Acq: 27 Aug 2025 17:03

Instrument :
BNA_P
ClientSampleId :
MW1

Tgt Ion: 82 Resp: 1089756

Ion	Ratio	Lower	Upper
82	100		
128	45.4	37.7	56.5
54	51.2	39.8	59.6

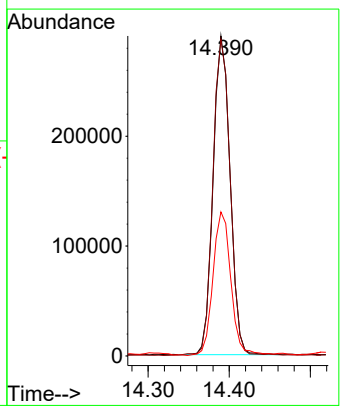


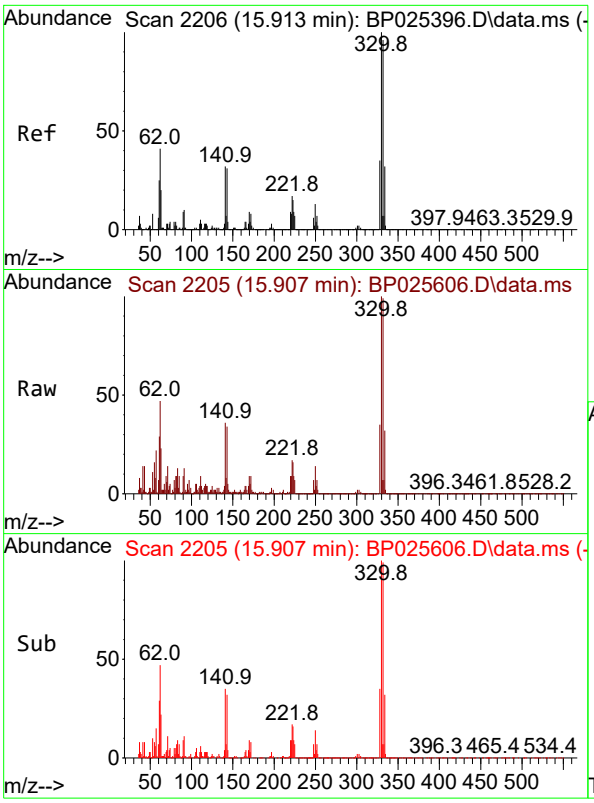


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.390 min Scan# 1947
Delta R.T. -0.017 min
Lab File: BP025606.D
Acq: 27 Aug 2025 17:03

Tgt Ion:164 Resp: 421669

Ion	Ratio	Lower	Upper
164	100		
162	99.0	81.0	121.6
160	45.0	35.4	53.2



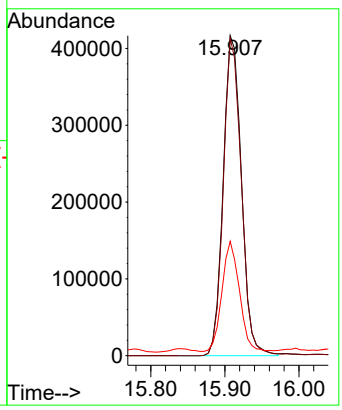


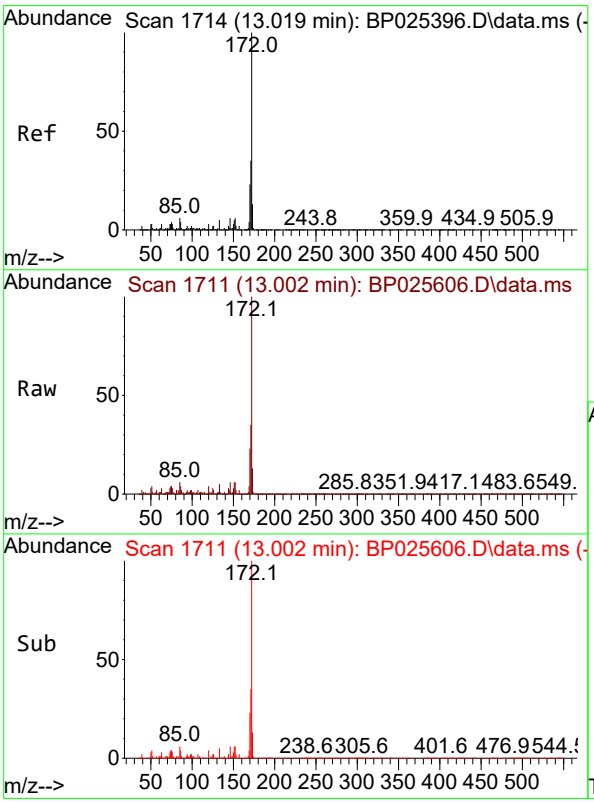
#42
2,4,6-Tribromophenol
Concen: 125.569 ng
RT: 15.907 min Scan# 2
Delta R.T. -0.006 min
Lab File: BP025606.D
Acq: 27 Aug 2025 17:03

Instrument :
BNA_P
ClientSampleId :
MW1

Tgt Ion:330 Resp: 712694

Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.3	115.9
141	32.8	26.6	39.8

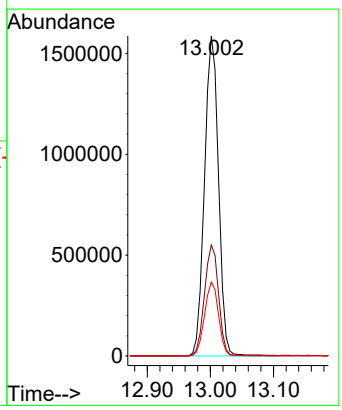


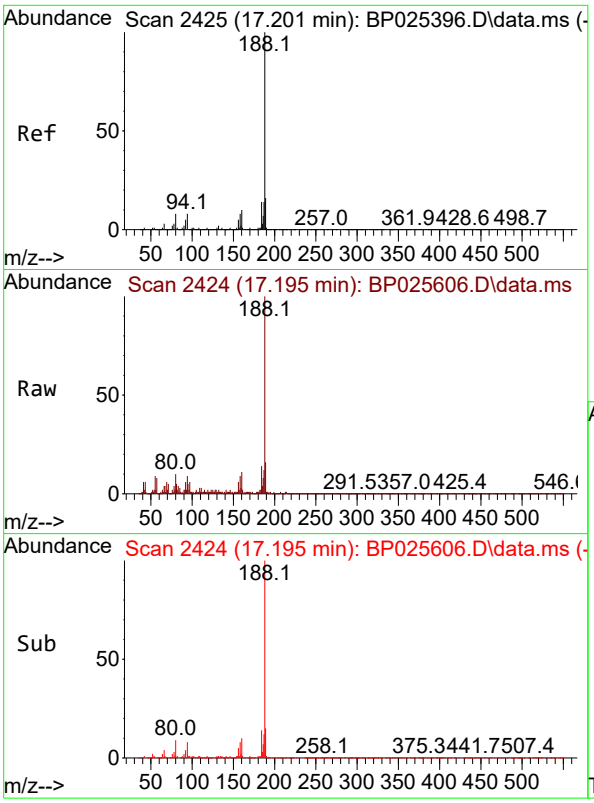


#45
2-Fluorobiphenyl
Concen: 78.988 ng
RT: 13.002 min Scan# 1711
Delta R.T. -0.017 min
Lab File: BP025606.D
Acq: 27 Aug 2025 17:03

Tgt Ion:172 Resp: 2437054

Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.1	42.1
170	23.1	18.6	28.0



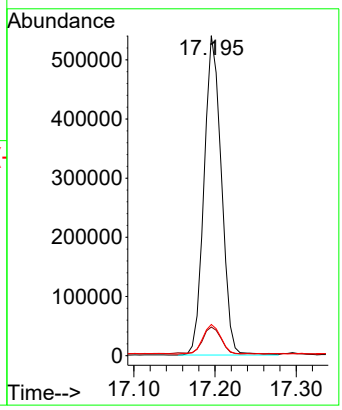


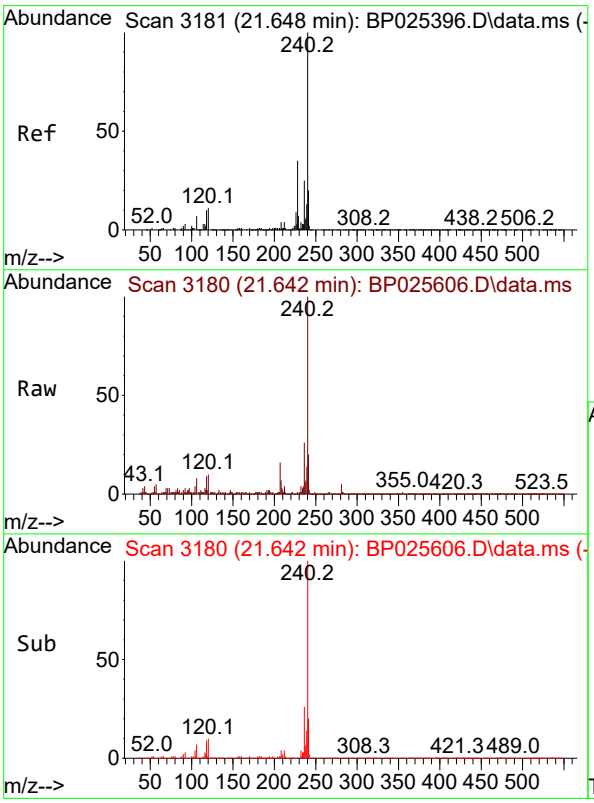
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.195 min Scan# 24
Delta R.T. -0.006 min
Lab File: BP025606.D
Acq: 27 Aug 2025 17:03

Instrument :
BNA_P
ClientSampleId :
MW1

Tgt Ion:188 Resp: 799345

Ion	Ratio	Lower	Upper
188	100		
94	9.0	6.6	10.0
80	9.8	6.7	10.1

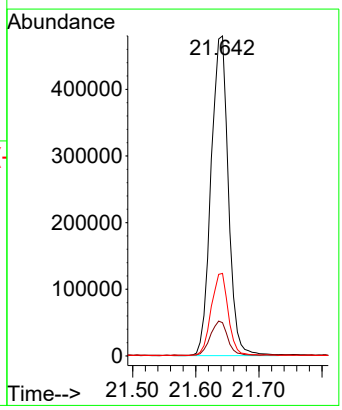


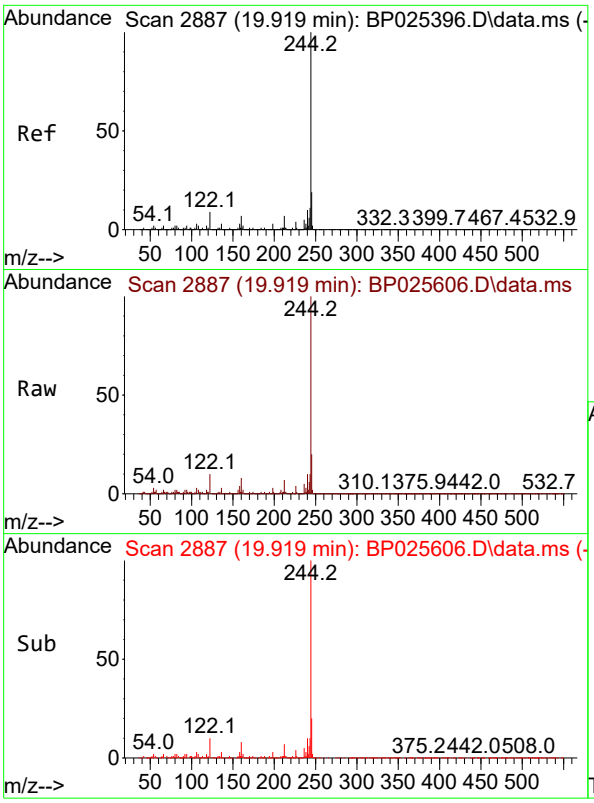


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.642 min Scan# 3180
Delta R.T. -0.006 min
Lab File: BP025606.D
Acq: 27 Aug 2025 17:03

Tgt Ion:240 Resp: 913374

Ion	Ratio	Lower	Upper
240	100		
120	10.4	8.9	13.3
236	25.8	19.8	29.8



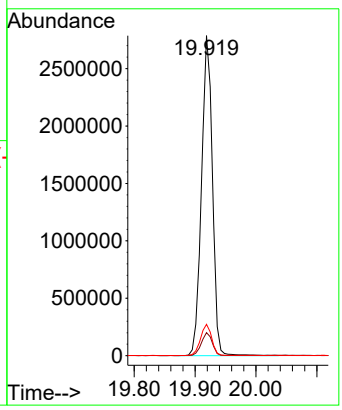


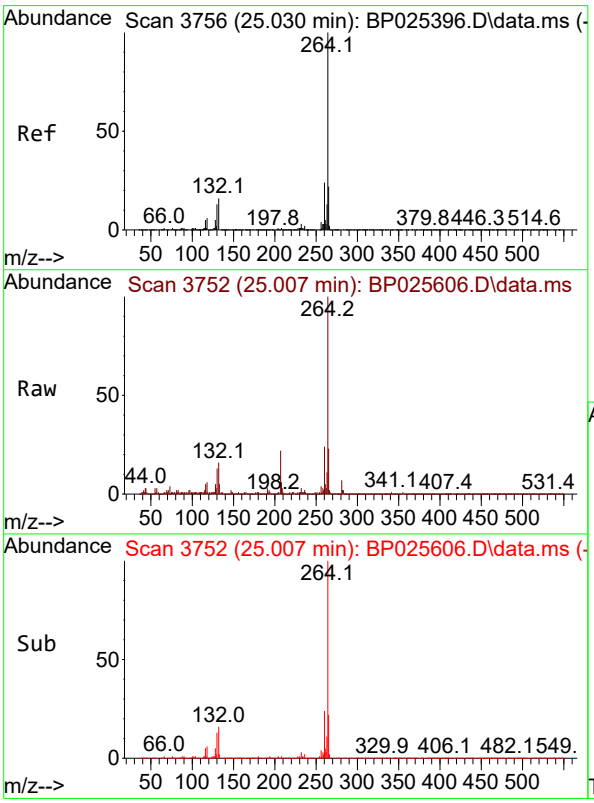
#79
Terphenyl-d14
Concen: 69.421 ng
RT: 19.919 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025606.D
Acq: 27 Aug 2025 17:03

Instrument :
BNA_P
ClientSampleId :
MW1

Tgt Ion:244 Resp: 3465681

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.6
122	9.8	7.4	11.2

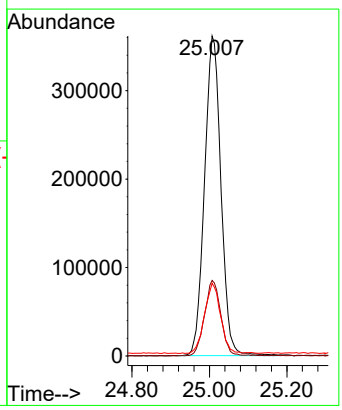




#86
Perylene-d12
Concen: 20.000 ng
RT: 25.007 min Scan# 3752
Delta R.T. -0.023 min
Lab File: BP025606.D
Acq: 27 Aug 2025 17:03

Tgt Ion:264 Resp: 1064567

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.3	28.9
265	22.7	17.4	26.0



Sample Results: **BP025606.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025606.D
Acq On : 27 Aug 2025 17:03
Operator : CG/JU
Sample : Q2921-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW1

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

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

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025606.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.031	10	16	32	rVB	3302817	4936566	53.90%	4.128%
2	4.937	334	340	349	rVB2	212669	319159	3.48%	0.267%
3	5.402	412	419	426	rBV	1810039	2779639	30.35%	2.324%
4	5.825	485	491	501	rVB	72455	127854	1.40%	0.107%
5	6.967	675	685	691	rBV	1089270	1925523	21.02%	1.610%
6	7.772	814	822	829	rBV	652513	1135930	12.40%	0.950%
7	7.890	837	842	850	rVB	97877	166909	1.82%	0.140%
8	8.408	925	930	937	rBV2	97599	213416	2.33%	0.178%
9	8.866	998	1008	1010	rBV2	130719	238126	2.60%	0.199%
10	8.913	1010	1016	1025	rVV	1879049	3371111	36.80%	2.819%
11	8.984	1025	1028	1033	rVB	180446	257160	2.81%	0.215%
12	9.113	1039	1050	1055	rBV9	67842	193829	2.12%	0.162%
13	9.196	1055	1064	1079	rBV5	67287	266426	2.91%	0.223%
14	9.396	1092	1098	1102	rBV2	63044	127799	1.40%	0.107%
15	9.443	1102	1106	1109	rVV	97052	153145	1.67%	0.128%
16	9.743	1151	1157	1163	rBV5	103921	222989	2.43%	0.186%
17	9.802	1163	1167	1170	rBV5	82207	143681	1.57%	0.120%
18	9.896	1176	1183	1187	rBV3	114361	197197	2.15%	0.165%
19	9.949	1187	1192	1200	rVV3	202675	492900	5.38%	0.412%
20	10.084	1210	1215	1219	rBV2	100121	149447	1.63%	0.125%
21	10.178	1227	1231	1237	rVB2	135720	225962	2.47%	0.189%
22	10.543	1282	1293	1299	rBV2	872109	2344477	25.60%	1.960%
23	10.660	1308	1313	1317	rBV	84611	142827	1.56%	0.119%
24	10.708	1317	1321	1327	rVB	256539	402027	4.39%	0.336%
25	10.766	1327	1331	1337	rBV3	100454	198539	2.17%	0.166%
26	10.949	1351	1362	1367	rBV9	71054	248330	2.71%	0.208%
27	11.007	1367	1372	1382	rVB4	95866	240649	2.63%	0.201%
28	11.119	1386	1391	1396	rBV3	92817	155082	1.69%	0.130%
29	11.207	1401	1406	1408	rBV2	107853	174575	1.91%	0.146%
30	11.243	1408	1412	1419	rVV6	143785	375278	4.10%	0.314%
31	11.302	1419	1422	1429	rVB3	119034	210825	2.30%	0.176%
32	11.384	1430	1436	1442	rVB3	180857	343137	3.75%	0.287%
33	11.460	1442	1449	1456	rBV2	298360	588670	6.43%	0.492%
34	11.566	1462	1467	1472	rBV	407668	690991	7.54%	0.578%
35	11.649	1477	1481	1487	rVB2	135882	237153	2.59%	0.198%
36	11.731	1490	1495	1503	rBV2	234544	426466	4.66%	0.357%

Sample Results: **BP025606.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025606.D
Acq On : 27 Aug 2025 17:03
Operator : CG/JU
Sample : Q2921-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW1

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

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

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.960	1525	1534	1541	rBV	912938	1582718	17.28%	1.323%
38	12.096	1552	1557	1562	rVB3	183445	340123	3.71%	0.284%
39	12.190	1566	1573	1578	rVB4	215289	525080	5.73%	0.439%
40	12.413	1606	1611	1614	rBV4	109979	225343	2.46%	0.188%
41	12.454	1614	1618	1623	rVB3	294787	491551	5.37%	0.411%
42	12.602	1639	1643	1646	rVB	239198	283236	3.09%	0.237%
43	12.643	1646	1650	1657	rVB5	156229	371528	4.06%	0.311%
44	12.707	1657	1661	1665	rBV3	199024	312392	3.41%	0.261%
45	12.790	1671	1675	1679	rVB	235146	368519	4.02%	0.308%
46	12.872	1685	1689	1694	rBV2	362920	553008	6.04%	0.462%
47	12.925	1694	1698	1703	rVV2	736351	1135919	12.40%	0.950%
48	13.002	1704	1711	1722	rVV	4647812	7237643	79.02%	6.052%
49	13.090	1722	1726	1732	rVB7	123798	212537	2.32%	0.178%
50	13.219	1742	1748	1755	rBV	1477767	2236805	24.42%	1.870%
51	13.325	1759	1766	1771	rVV3	393756	1018005	11.11%	0.851%
52	13.372	1771	1774	1779	rVB3	278756	406153	4.43%	0.340%
53	13.660	1820	1823	1824	rBV3	168055	182325	1.99%	0.152%
54	13.743	1834	1837	1842	rVB4	288391	485547	5.30%	0.406%
55	13.790	1842	1845	1848	rBV2	168119	230945	2.52%	0.193%
56	13.884	1858	1861	1865	rVB2	882173	1111445	12.13%	0.929%
57	13.925	1865	1868	1873	rVB	551510	681387	7.44%	0.570%
58	13.996	1878	1880	1884	rVB	373524	449674	4.91%	0.376%
59	14.043	1885	1888	1893	rVB5	127732	191201	2.09%	0.160%
60	14.243	1919	1922	1927	rVB5	225782	336692	3.68%	0.282%
61	14.301	1927	1932	1937	rBV	2595818	3042053	33.21%	2.544%
62	14.390	1940	1947	1956	rVB2	1390675	2659287	29.03%	2.223%
63	14.748	2004	2008	2009	rBV3	274244	362393	3.96%	0.303%
64	14.807	2015	2018	2024	rVB	536901	671463	7.33%	0.561%
65	14.937	2036	2040	2047	rVB3	942963	1556839	17.00%	1.302%
66	15.001	2048	2051	2054	rBV	345182	454975	4.97%	0.380%
67	15.272	2093	2097	2102	rVB	2639942	3233295	35.30%	2.703%
68	15.366	2111	2113	2124	rVB5	377323	687552	7.51%	0.575%
69	15.684	2161	2167	2172	rBV	2001607	3175674	34.67%	2.655%
70	15.778	2178	2183	2188	rVB3	656856	1111041	12.13%	0.929%
71	15.837	2189	2193	2198	rBV2	521502	867390	9.47%	0.725%
72	15.907	2199	2205	2213	rVB3	3423663	5798367	63.30%	4.848%
73	16.148	2241	2246	2248	rBV	2733473	4061971	44.35%	3.396%
74	16.172	2248	2250	2263	rVB	3141830	4508996	49.23%	3.770%
75	16.495	2301	2305	2308	rBV	391897	648377	7.08%	0.542%
76	16.625	2324	2327	2331	rBV	306368	385975	4.21%	0.323%

Sample Results: **BP025606.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025606.D
Acq On : 27 Aug 2025 17:03
Operator : CG/JU
Sample : Q2921-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW1

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

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

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	16.672	2332	2335	2341	rVV2	309813	473078	5.16%	0.396%
78	16.966	2380	2385	2389	rBV	2545380	3289676	35.92%	2.751%
79	17.019	2389	2394	2401	rVB	2360510	3761656	41.07%	3.145%
80	17.195	2420	2424	2433	rBV2	1296296	2262015	24.70%	1.891%
81	17.272	2435	2437	2439	rBV	211865	213461	2.33%	0.178%
82	17.448	2465	2467	2471	rVB2	341097	338947	3.70%	0.283%
83	17.519	2475	2479	2483	rVB2	431008	652448	7.12%	0.546%
84	17.642	2496	2500	2505	rVB2	508976	935195	10.21%	0.782%
85	17.731	2510	2515	2521	rVB	2292227	3059162	33.40%	2.558%
86	18.019	2561	2564	2568	rBV2	253081	423642	4.63%	0.354%
87	18.137	2580	2584	2589	rBV2	818903	1237507	13.51%	1.035%
88	18.442	2632	2636	2641	rBV	2149324	2499281	27.29%	2.090%
89	18.919	2715	2717	2722	rVB	529259	568855	6.21%	0.476%
90	19.101	2744	2748	2752	rVB	1728968	2096528	22.89%	1.753%
91	19.454	2804	2808	2812	rBV3	348883	610568	6.67%	0.511%
92	19.701	2847	2850	2858	rVB	1123570	1529533	16.70%	1.279%
93	19.878	2878	2880	2882	rBV2	183652	198362	2.17%	0.166%
94	19.919	2882	2887	2892	rVB	7403711	9159558	100.00%	7.659%
95	20.260	2941	2945	2949	rVB	708793	929648	10.15%	0.777%
96	20.778	3030	3033	3037	rBV	459201	549364	6.00%	0.459%
97	21.301	3119	3122	3128	rVB2	326196	558455	6.10%	0.467%
98	21.642	3174	3180	3190	rVB	1303946	2434731	26.58%	2.036%
99	22.919	3395	3397	3407	rVB3	297004	479652	5.24%	0.401%
100	25.007	3745	3752	3764	rVB	956550	2718909	29.68%	2.273%

Sum of corrected areas: 119599449

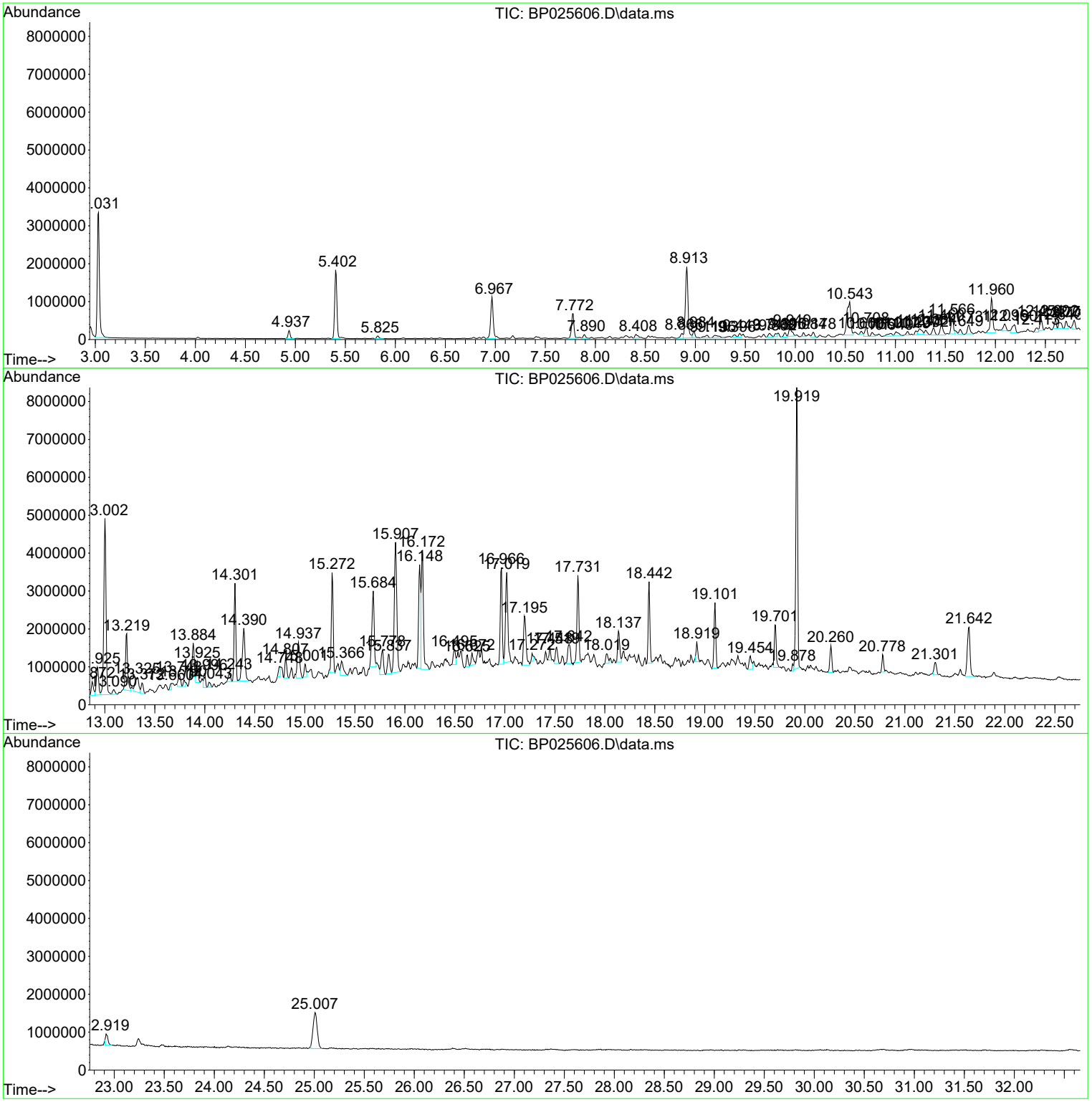
Sample Results: **BP025606.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025606.D
Acq On : 27 Aug 2025 17:03
Operator : CG/JU
Sample : Q2921-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025606.D
Acq On : 27 Aug 2025 17:03
Operator : CG/JU
Sample : Q2921-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW1

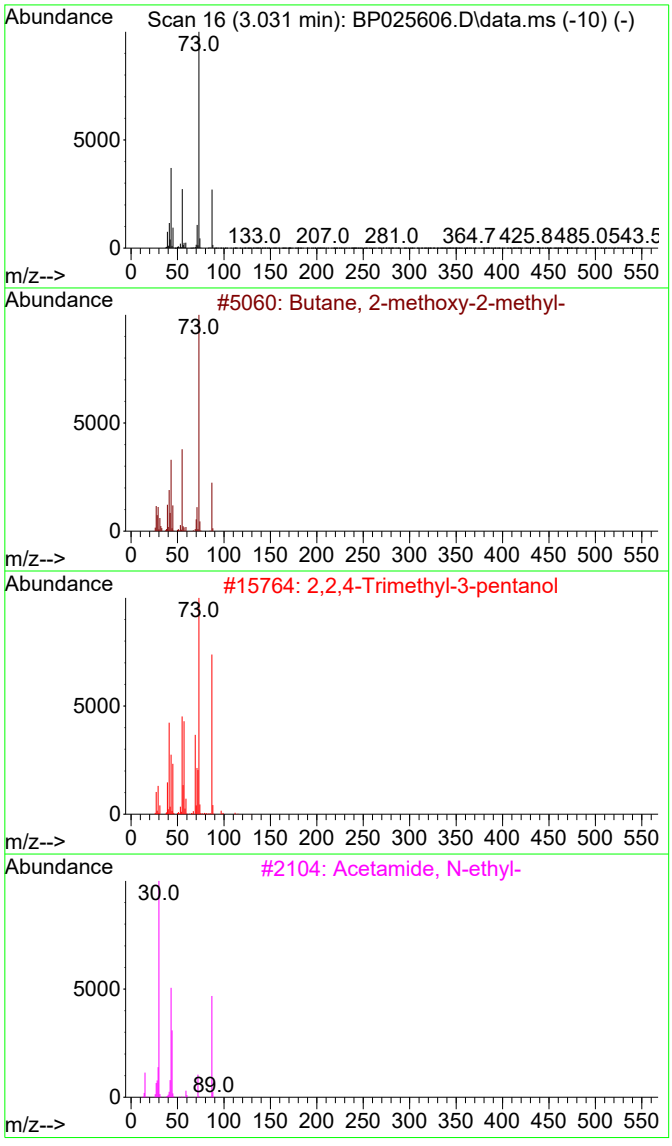
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

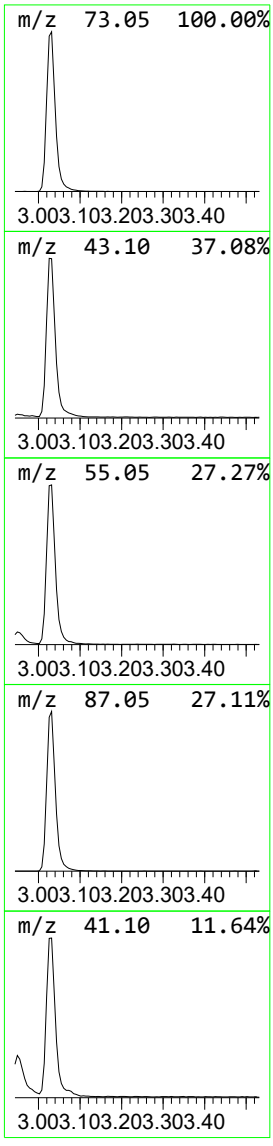
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.031	86.92 ng	4936570	1,4-Dichlorobenzene-d4	7.778

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
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Acq On : 27 Aug 2025 17:03
Operator : CG/JU
Sample : Q2921-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

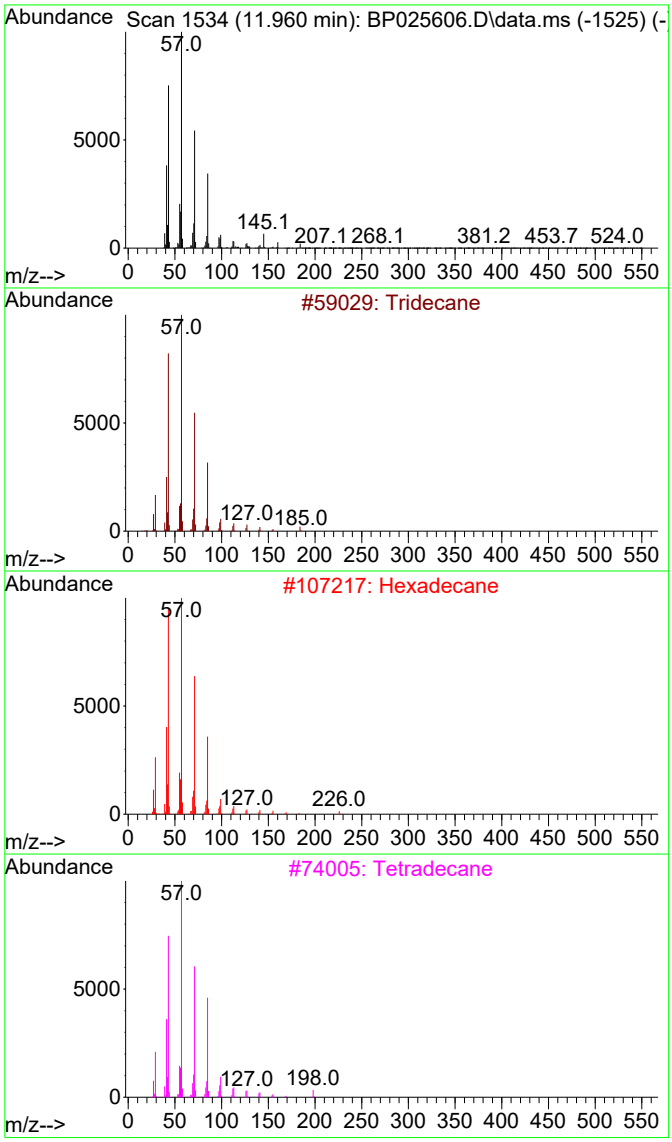
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

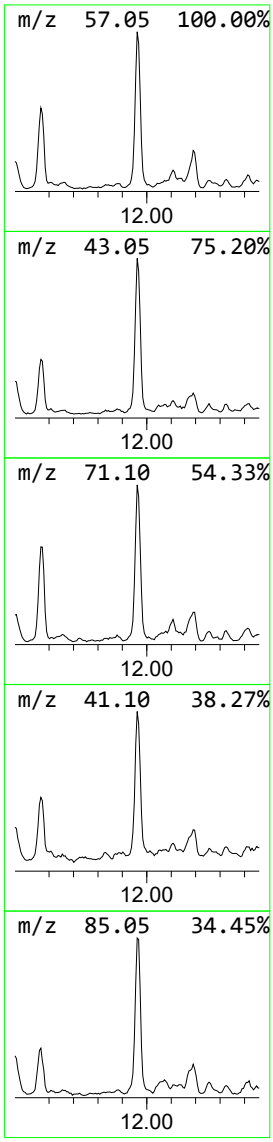
****

Peak Number 2 Tridecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.960	13.50 ng	1582720	Naphthalene-d8	10.543

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	95
2	Hexadecane	226	C16H34	000544-76-3	87
3	Tetradecane	198	C14H30	000629-59-4	86
4	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	86
5	Dodecane	170	C12H26	000112-40-3	86





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Sample : Q2921-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW1

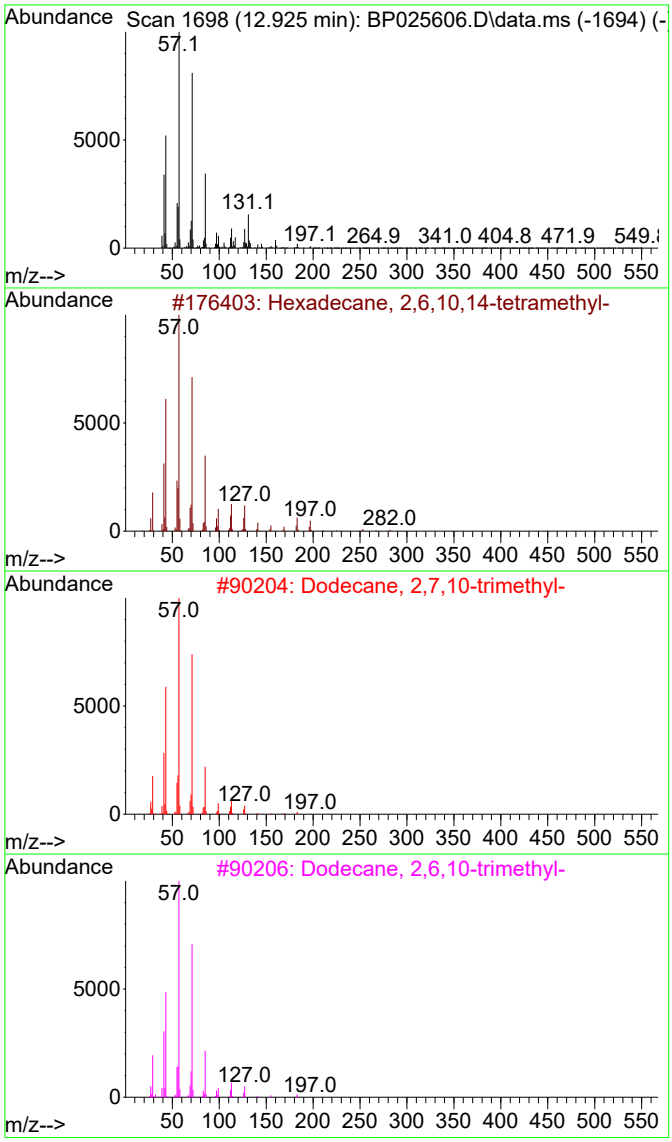
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

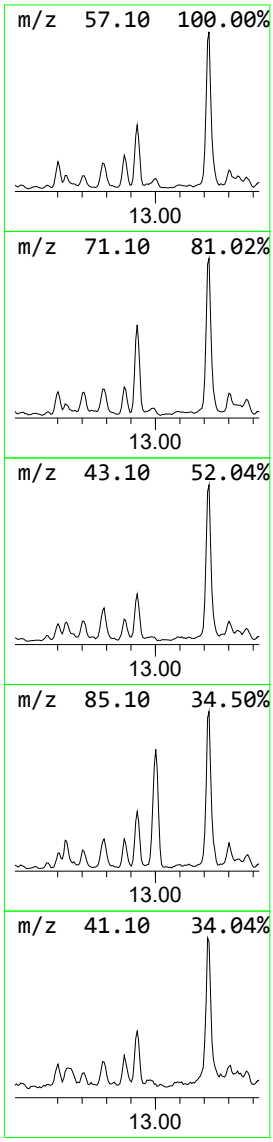
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Hexadecane, 2,6,10,14-tetra... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.925	8.54 ng	1135920	Acenaphthene-d10	14.390

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
3	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
5	Decane, 5-propyl-	184	C13H28	017312-62-8	64





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Sample : Q2921-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.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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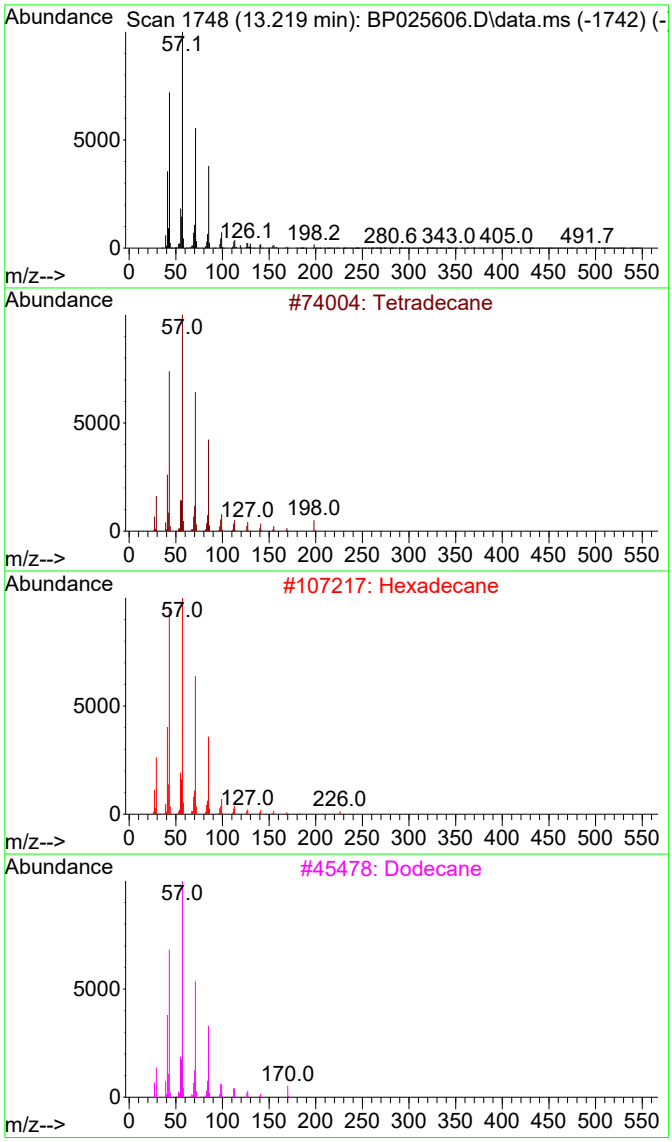
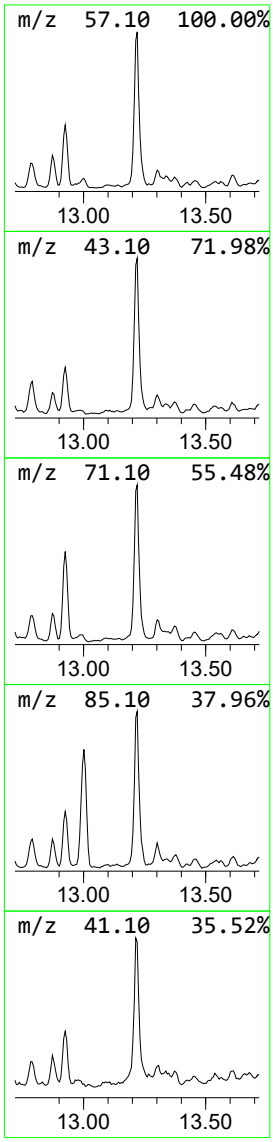
Peak Number 4 Tetradecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.219	16.82 ng	2236810	Acenaphthene-d10	14.390

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	96
2	Hexadecane	226	C16H34	000544-76-3	90
3	Dodecane	170	C12H26	000112-40-3	90
4	Undecane	156	C11H24	001120-21-4	90
5	Tridecane	184	C13H28	000629-50-5	90





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW1

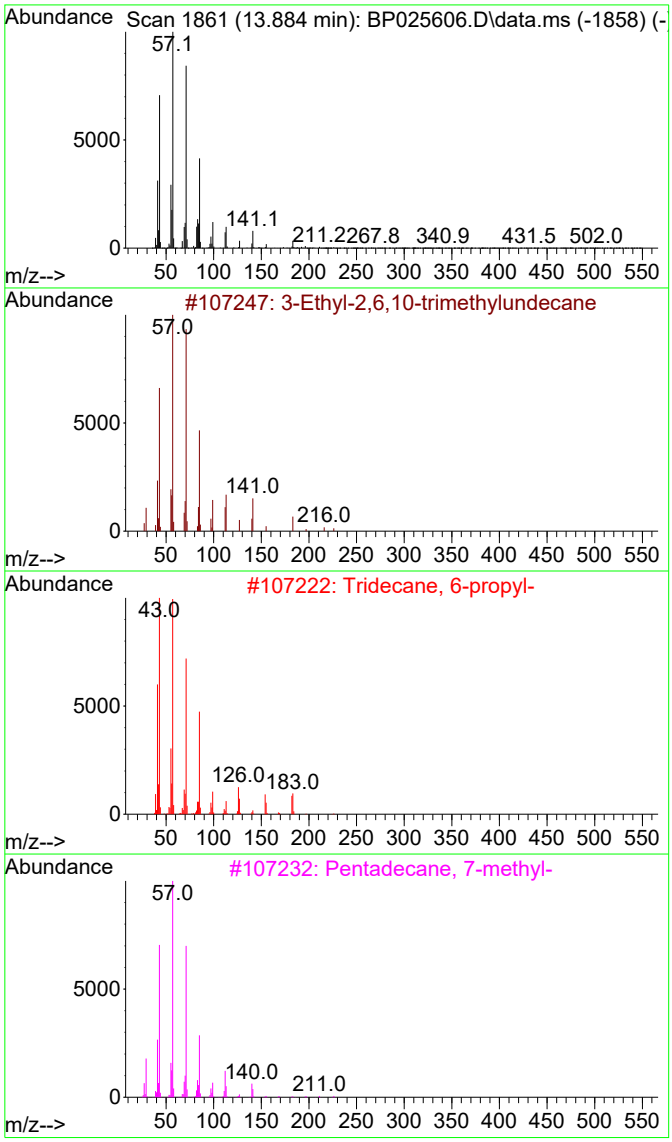
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

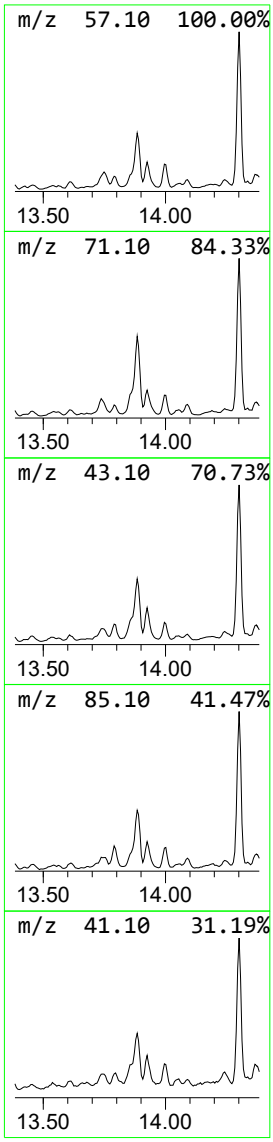
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 3-Ethyl-2,6,10-trimethylund... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.884	8.36 ng	1111450	Acenaphthene-d10	14.390

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	96
2	Tridecane, 6-propyl-	226	C16H34	055045-10-8	90
3	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	90
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86





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Operator : CG/JU
Sample : Q2921-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.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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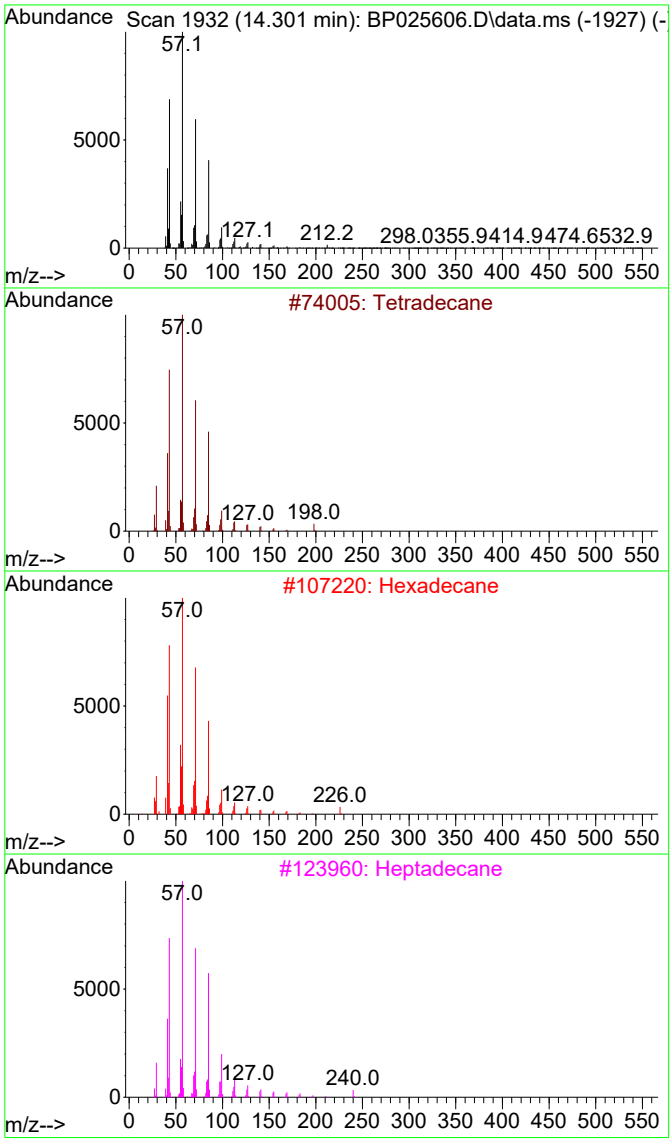
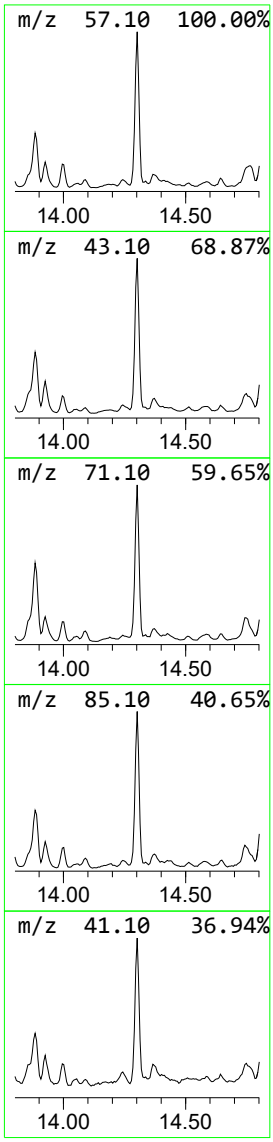
Peak Number 6 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.301	22.88 ng	3042050	Acenaphthene-d10	14.390

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	91
2	Hexadecane	226	C16H34	000544-76-3	91
3	Heptadecane	240	C17H36	000629-78-7	90
4	Tridecane, 4,8-dimethyl-	212	C15H32	055030-62-1	87
5	Nonadecane	268	C19H40	000629-92-5	86





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Sample : Q2921-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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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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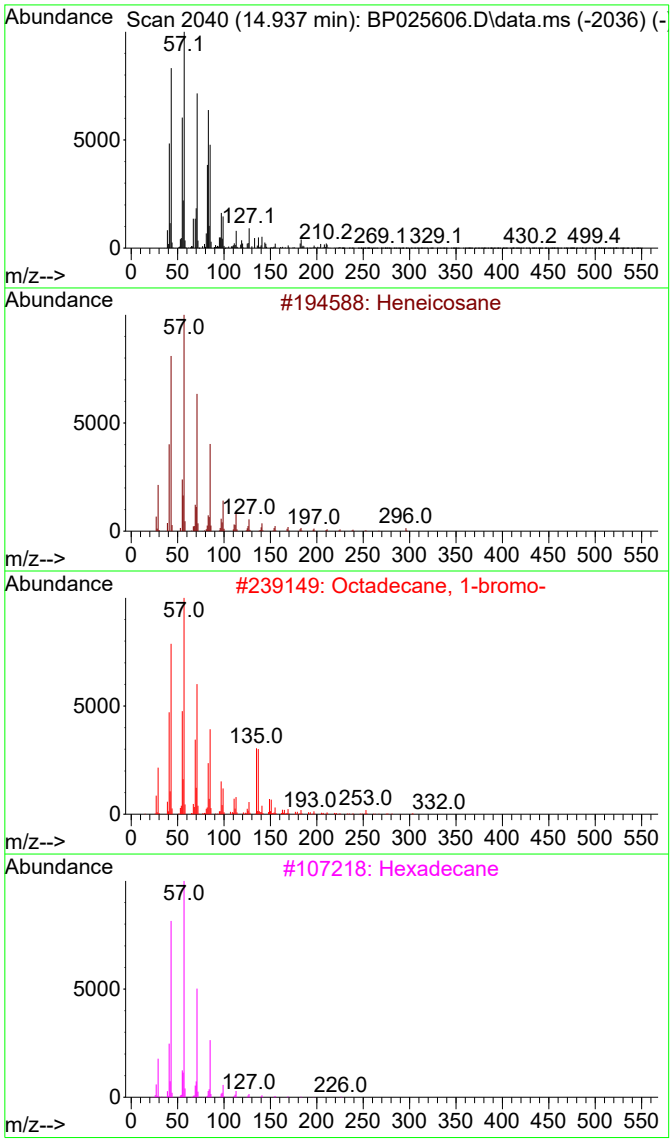
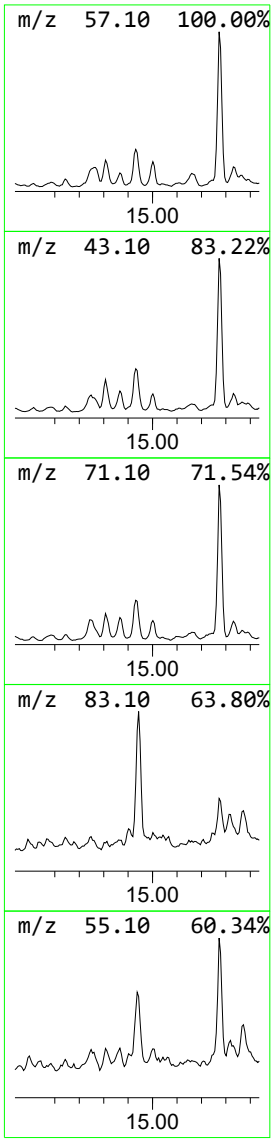
Peak Number 7 Heneicosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.937	11.71 ng	1556840	Acenaphthene-d10	14.390

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	58
2	Octadecane, 1-bromo-	332	C18H37Br	000112-89-0	58
3	Hexadecane	226	C16H34	000544-76-3	50
4	Nonadecane	268	C19H40	000629-92-5	49
5	Tetracosane	338	C24H50	000646-31-1	49





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Sample : Q2921-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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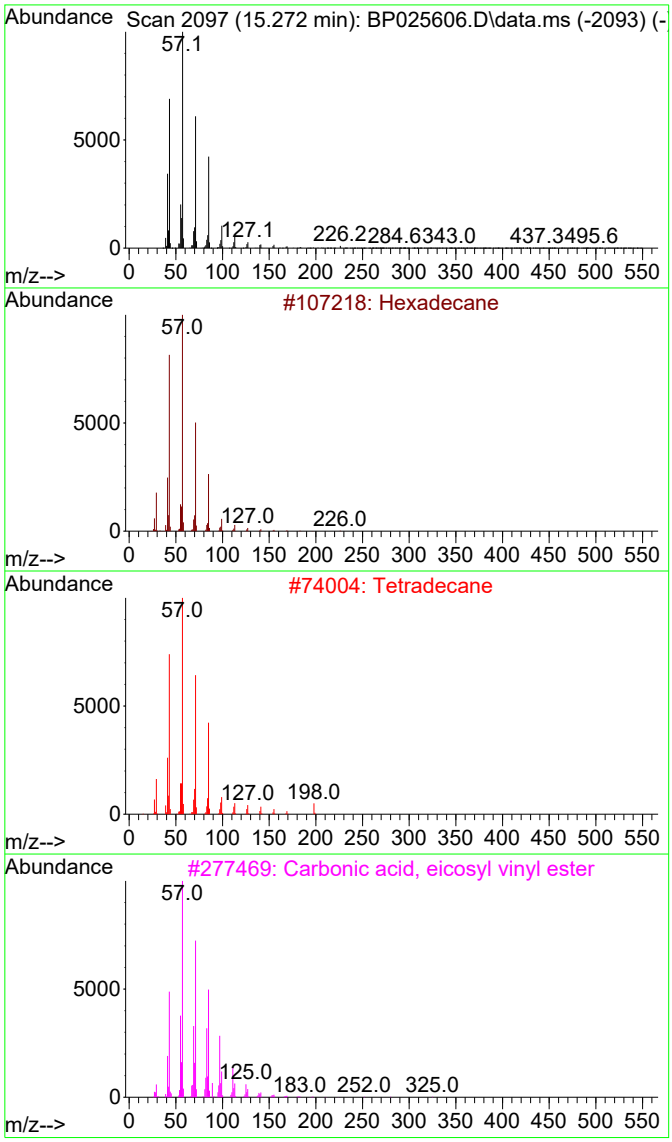
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

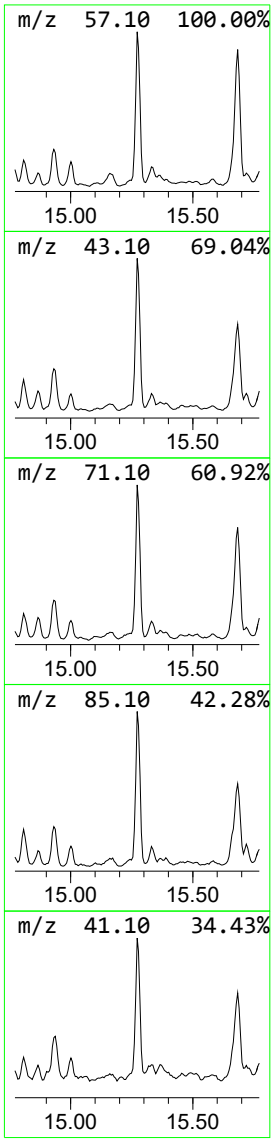
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Carbonic acid, eicosyl viny... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.272	24.32 ng	3233300	Acenaphthene-d10	14.390

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	97
2	Tetradecane	198	C14H30	000629-59-4	96
3	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	86
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
5	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	83





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Sample : Q2921-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW1

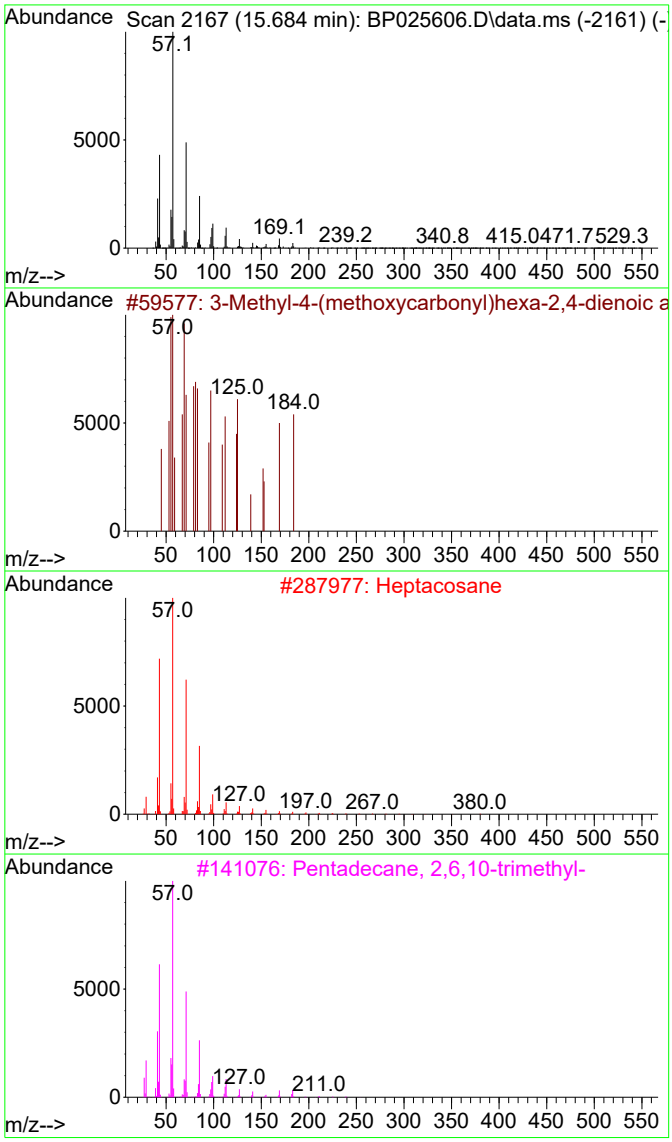
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

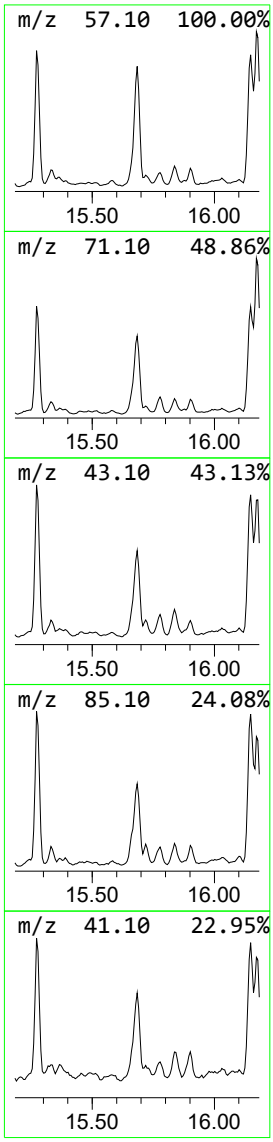
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 3-Methyl-4-(methoxycarbonyl... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.684	23.88 ng	3175670	Acenaphthene-d10	14.390

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methyl-4-(methoxycarbonyl)hexa...	184	C9H12O4	1010104-10-8	90
2	Heptacosane	380	C27H56	000593-49-7	80
3	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	76
4	Heneicosane	296	C21H44	000629-94-7	72
5	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	68





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Sample : Q2921-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.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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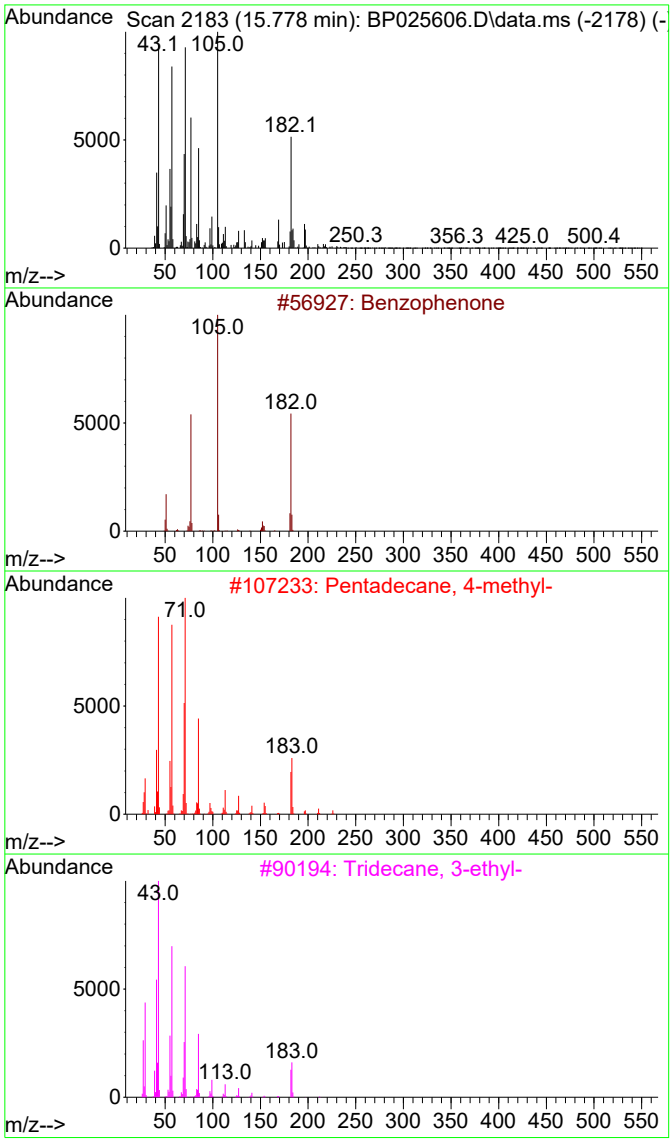
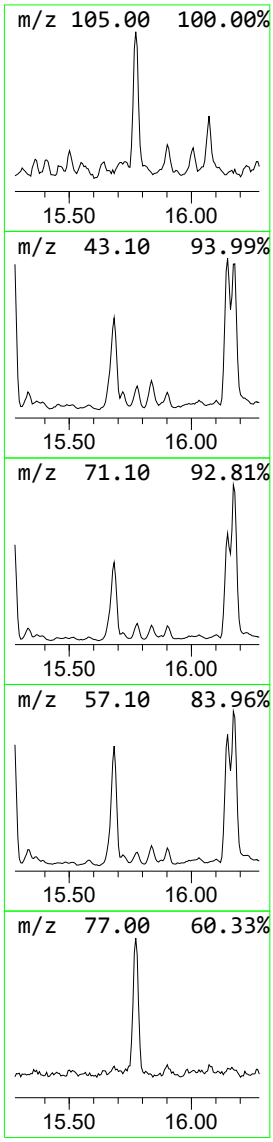
Peak Number 10 Benzophenone Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.778	8.36 ng	1111040	Acenaphthene-d10	14.390

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	91
2	Pentadecane, 4-methyl-	226	C16H34	002801-87-8	49
3	Tridecane, 3-ethyl-	212	C15H32	013286-73-2	49
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	45
5	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	42





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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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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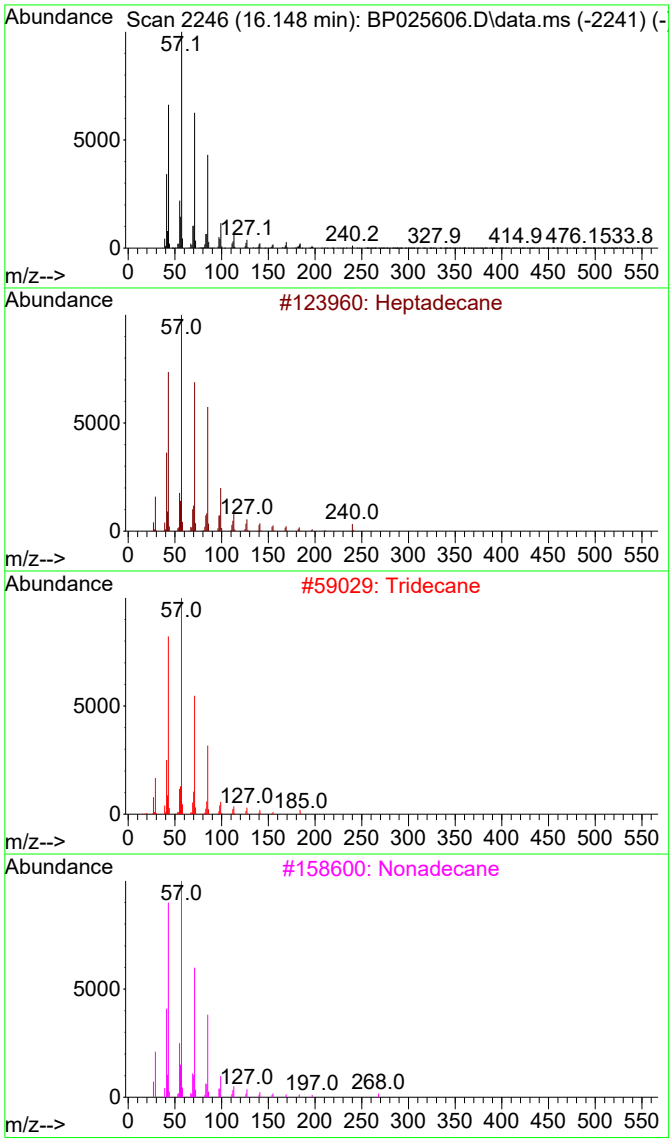
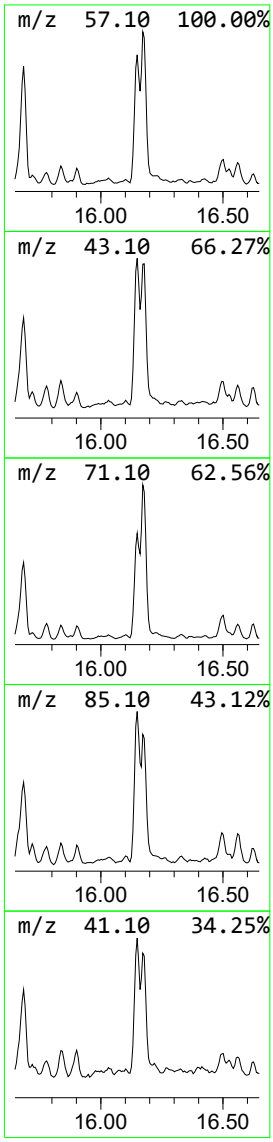
Peak Number 11 Heptadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.148	35.91 ng	4061970	Phenanthrene-d10	17.195

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	97
2	Tridecane	184	C13H28	000629-50-5	94
3	Nonadecane	268	C19H40	000629-92-5	91
4	Heneicosane	296	C21H44	000629-94-7	90
5	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	90





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW1

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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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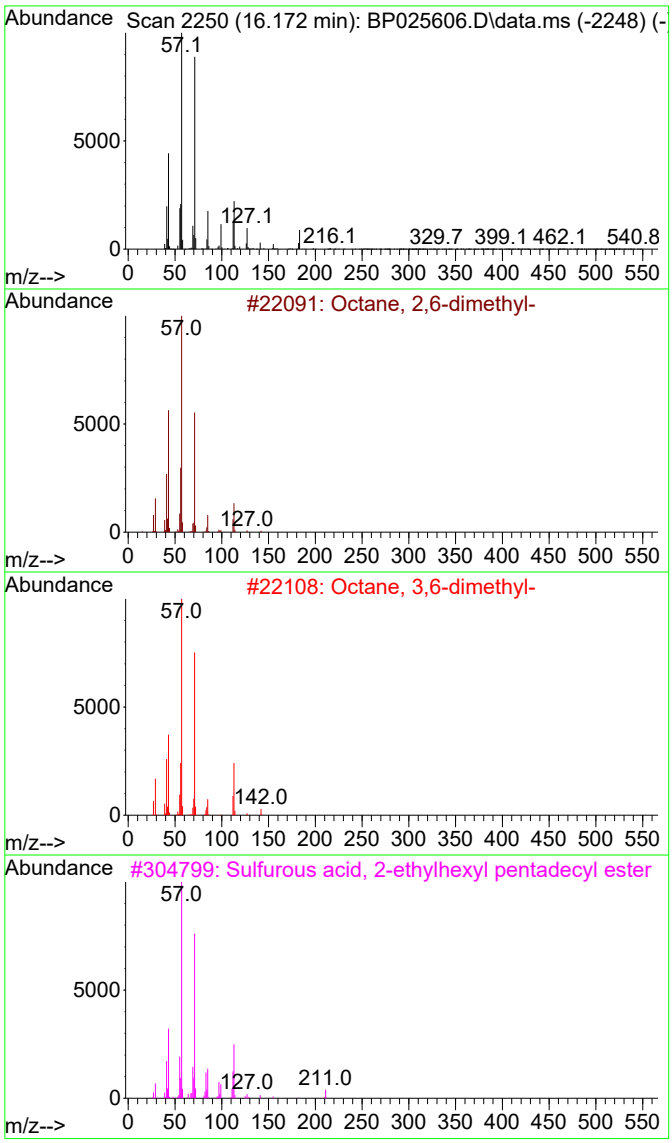
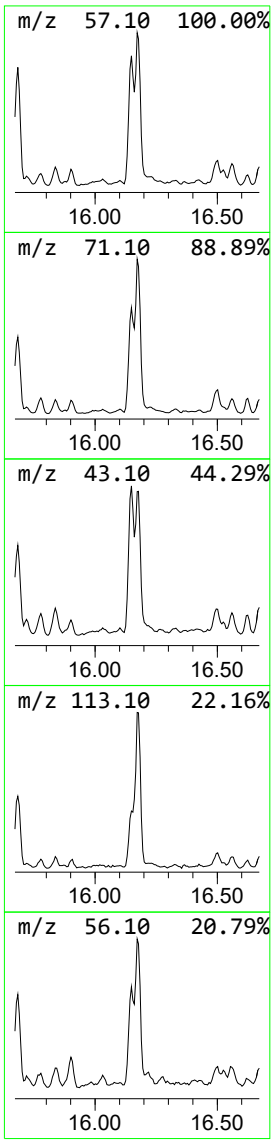
Peak Number 12 Octane, 2,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.172	39.87 ng	4509000	Phenanthrene-d10	17.195

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	87
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	74
3	Sulfurous acid, 2-ethylhexyl pen...	404	C23H48O3S	1000309-19-8	72
4	Sulfurous acid, 2-ethylhexyl hex...	418	C24H50O3S	1000309-19-9	72
5	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	72





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Operator : CG/JU
Sample : Q2921-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.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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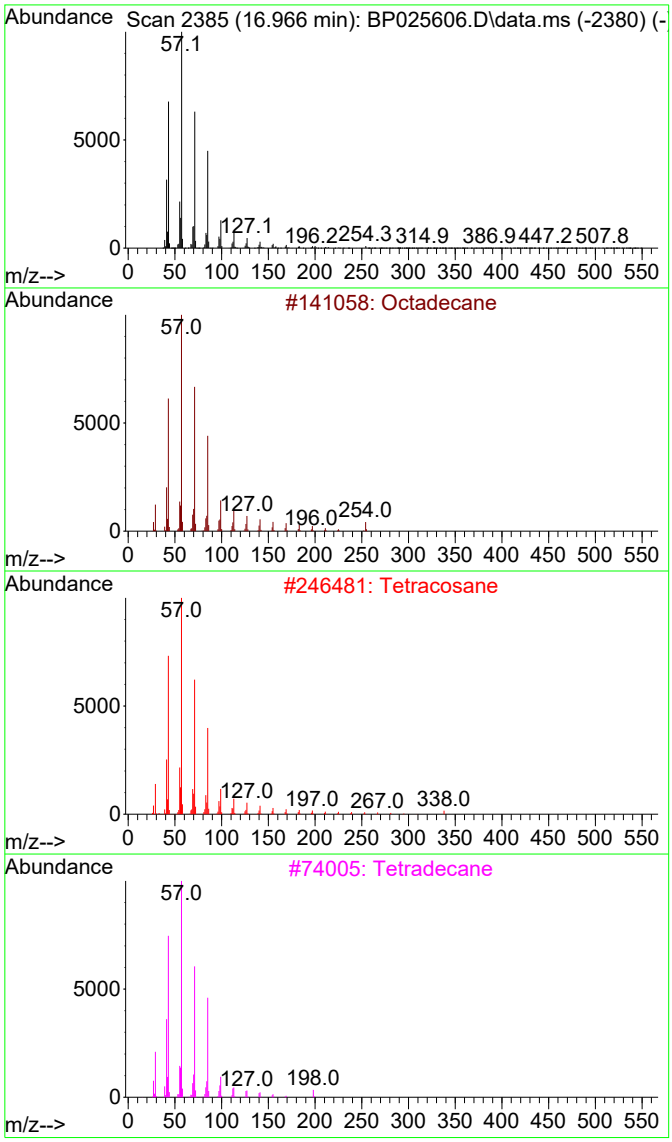
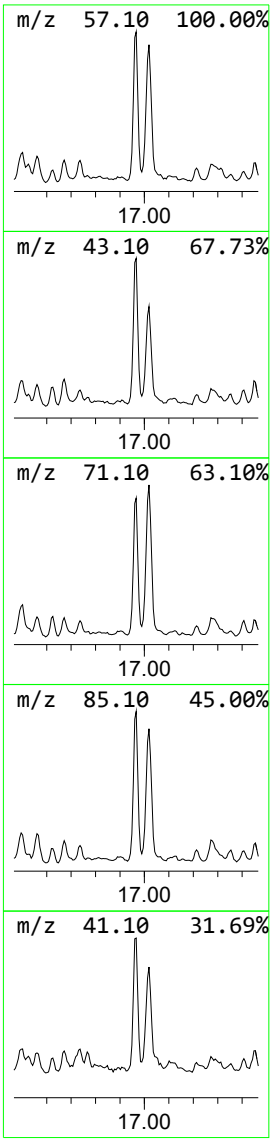
Peak Number 13 Octadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.966	29.09 ng	3289680	Phenanthrene-d10	17.195

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	94
2	Tetracosane	338	C24H50	000646-31-1	91
3	Tetradecane	198	C14H30	000629-59-4	91
4	Pentadecane	212	C15H32	000629-62-9	91
5	Dodecane	170	C12H26	000112-40-3	90





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Data File : BP025606.D
Acq On : 27 Aug 2025 17:03
Operator : CG/JU
Sample : Q2921-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

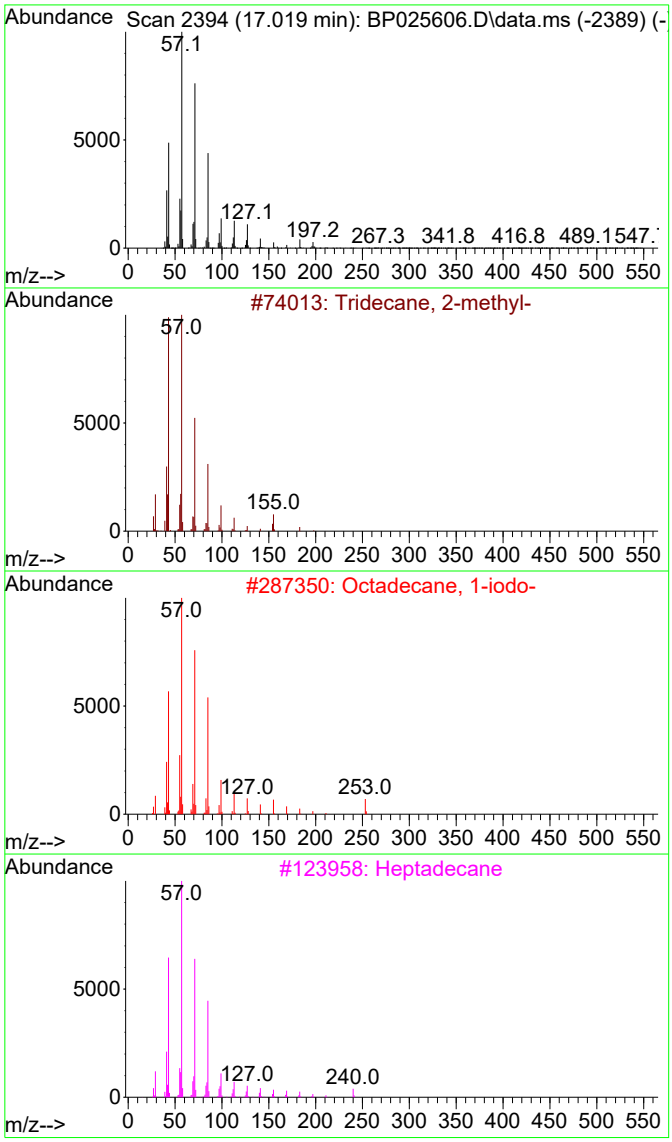
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

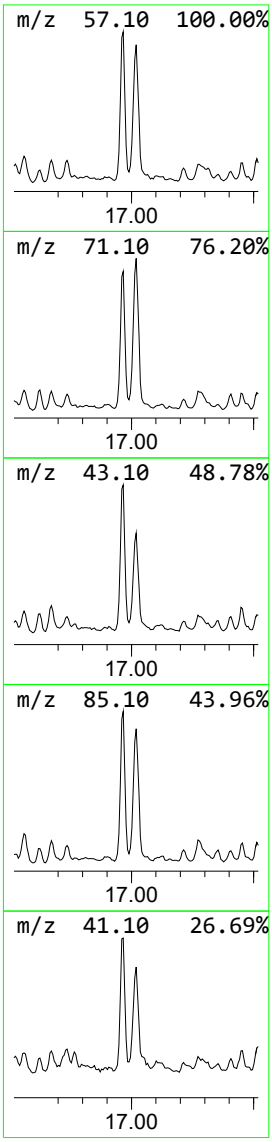
****

Peak Number 14 Tridecane, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.019	33.26 ng	3761660	Phenanthrene-d10	17.195

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 2-methyl-	198	C14H30	001560-96-9	90
2	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	90
3	Heptadecane	240	C17H36	000629-78-7	90
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
5	Hexadecane	226	C16H34	000544-76-3	87





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Operator : CG/JU
Sample : Q2921-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

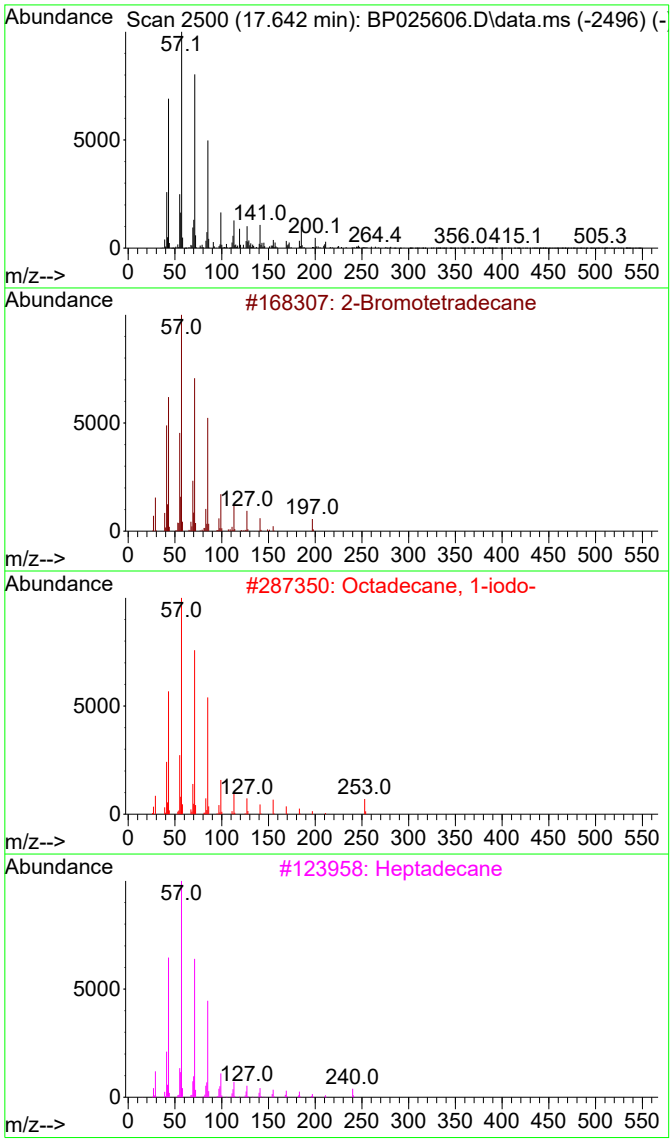
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

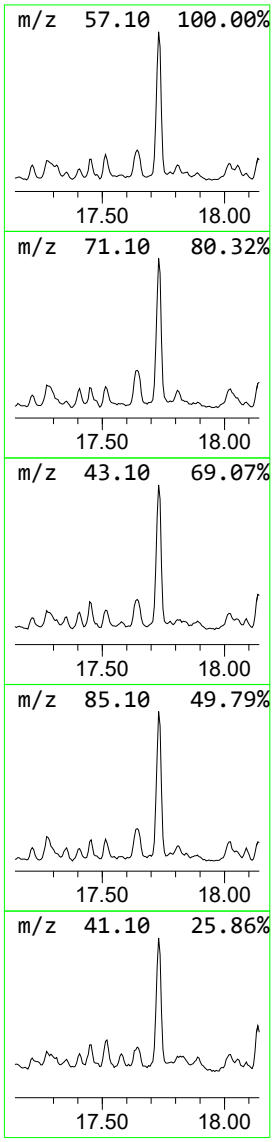
****

Peak Number 15 2-Bromotetradecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.642	8.27 ng	935195	Phenanthrene-d10	17.195

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromotetradecane	276	C14H29Br	074036-95-6	87
2	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	86
3	Heptadecane	240	C17H36	000629-78-7	86
4	Tetratetracontane	619	C44H90	007098-22-8	86
5	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	80





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Acq On : 27 Aug 2025 17:03
Operator : CG/JU
Sample : Q2921-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

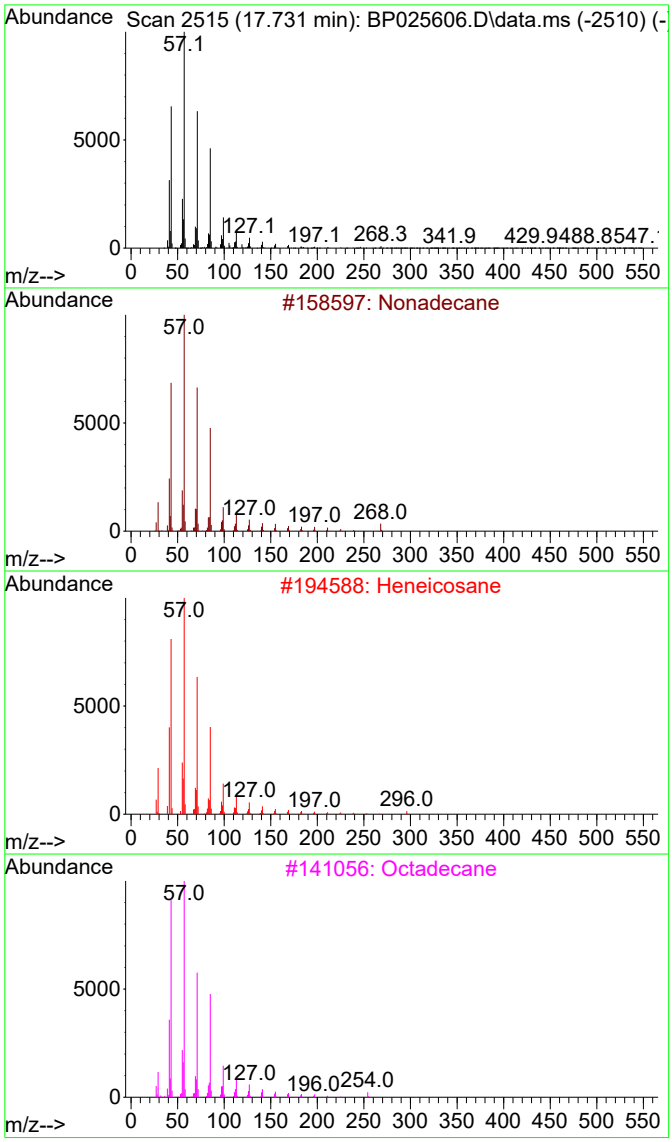
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

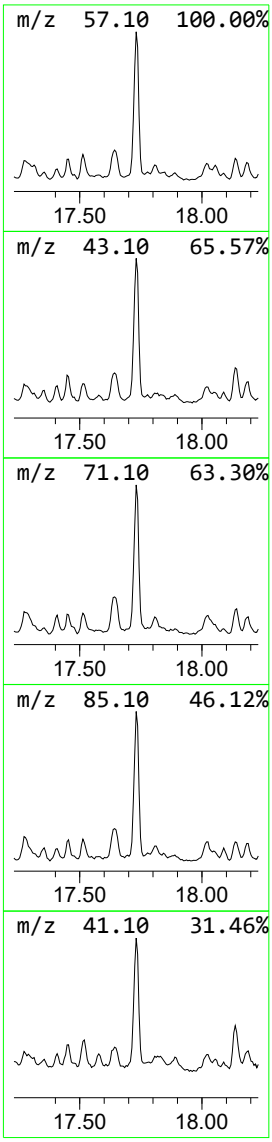
****

Peak Number 16 Nonadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.731	27.05 ng	3059160	Phenanthrene-d10	17.195

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	94
2	Heneicosane	296	C21H44	000629-94-7	91
3	Octadecane	254	C18H38	000593-45-3	91
4	Pentadecane	212	C15H32	000629-62-9	91
5	Heptacosane	380	C27H56	000593-49-7	91





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Acq On : 27 Aug 2025 17:03
Operator : CG/JU
Sample : Q2921-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW1

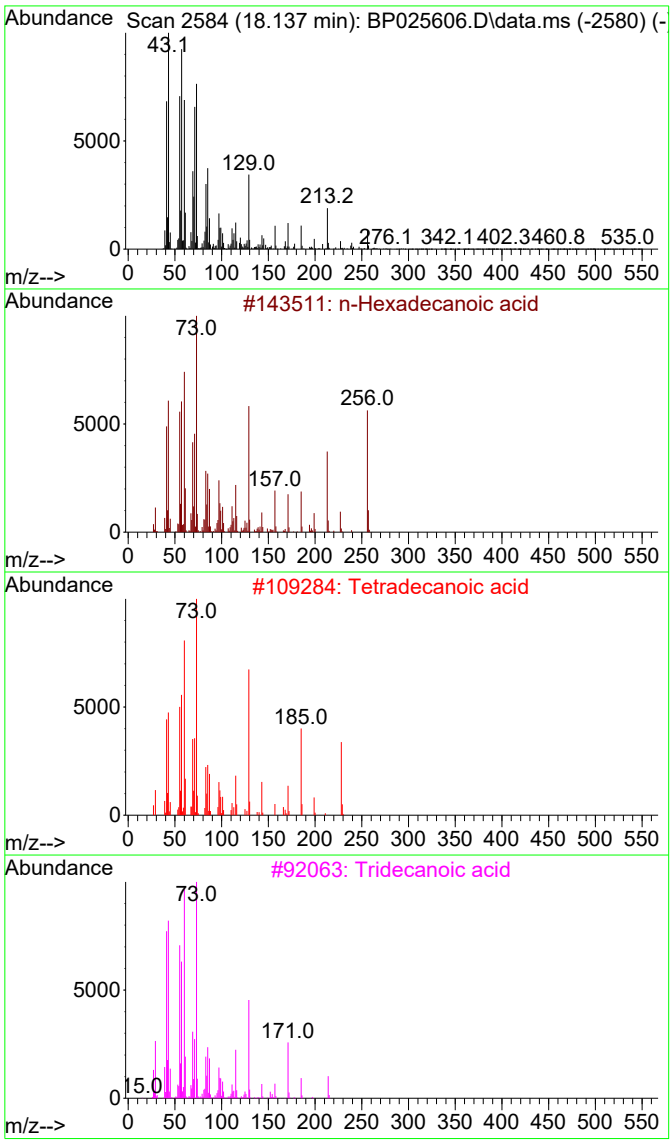
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

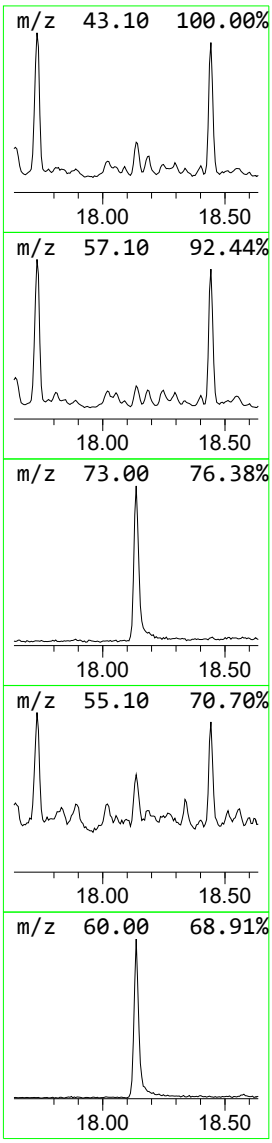
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 n-Hexadecanoic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.137	10.94 ng	1237510	Phenanthrene-d10	17.195

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	60
4	Octadecanoic acid	284	C18H36O2	000057-11-4	58
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	58





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Data File : BP025606.D
Acq On : 27 Aug 2025 17:03
Operator : CG/JU
Sample : Q2921-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.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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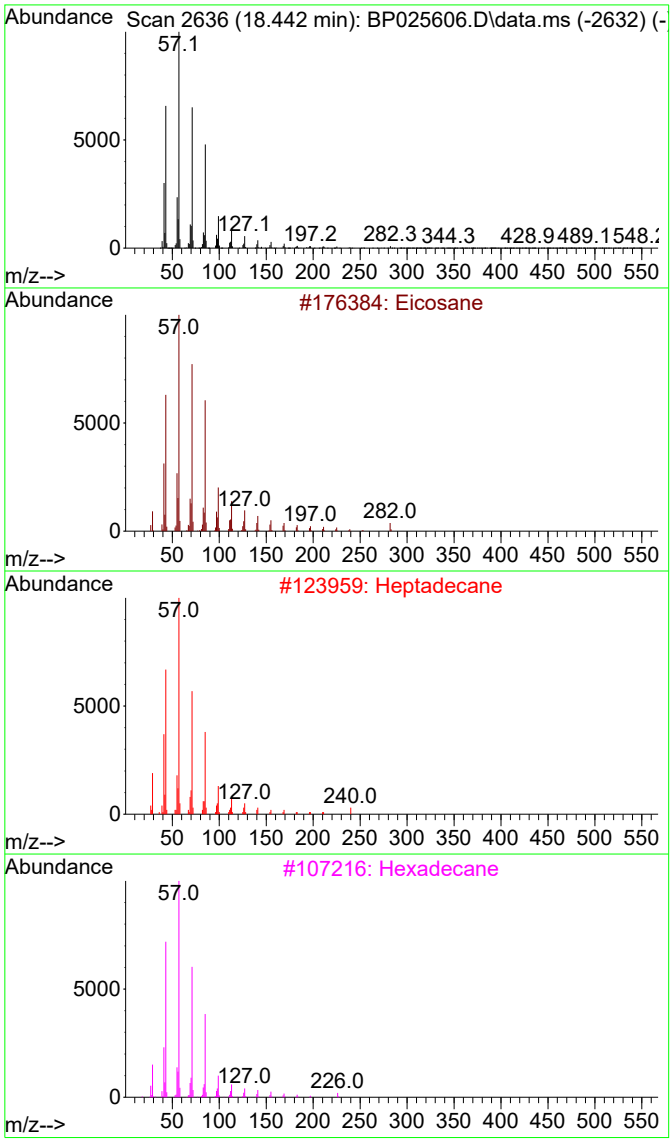
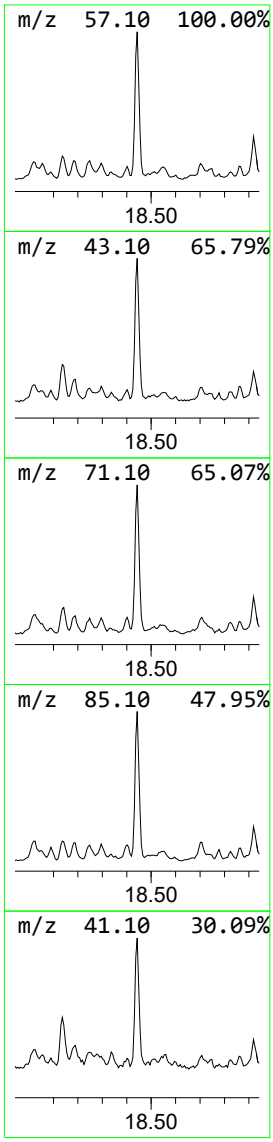
Peak Number 18 Eicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.442	22.10 ng	2499280	Phenanthrene-d10	17.195

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Heptadecane	240	C17H36	000629-78-7	91
3	Hexadecane	226	C16H34	000544-76-3	91
4	Octadecane	254	C18H38	000593-45-3	91
5	Tetracosane	338	C24H50	000646-31-1	91





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Acq On : 27 Aug 2025 17:03
Operator : CG/JU
Sample : Q2921-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW1

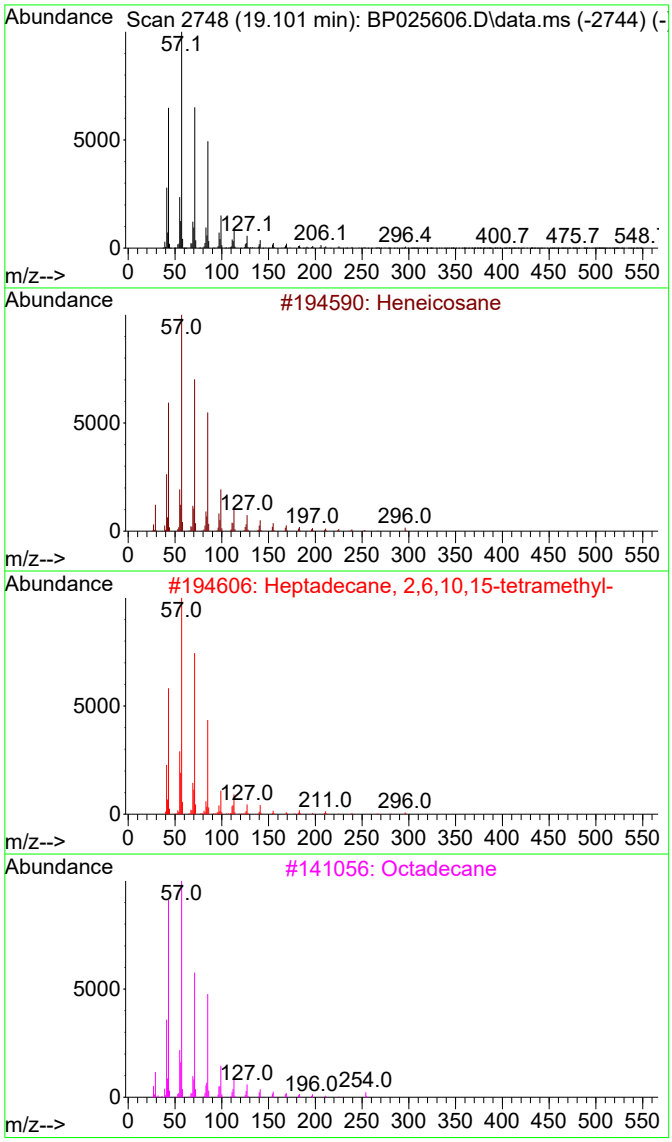
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

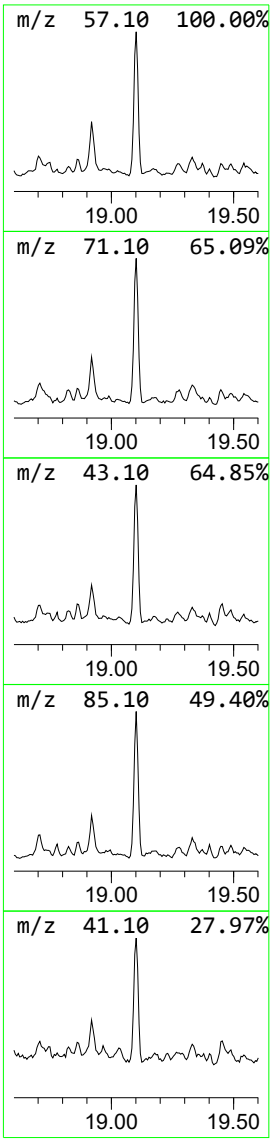
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Heptadecane, 2,6,10,15-tetr... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.101	18.54 ng	2096530	Phenanthrene-d10	17.195

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	98
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	92
3	Octadecane	254	C18H38	000593-45-3	91
4	Pentadecane	212	C15H32	000629-62-9	91
5	Tetracosane	338	C24H50	000646-31-1	91





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Acq On : 27 Aug 2025 17:03
Operator : CG/JU
Sample : Q2921-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.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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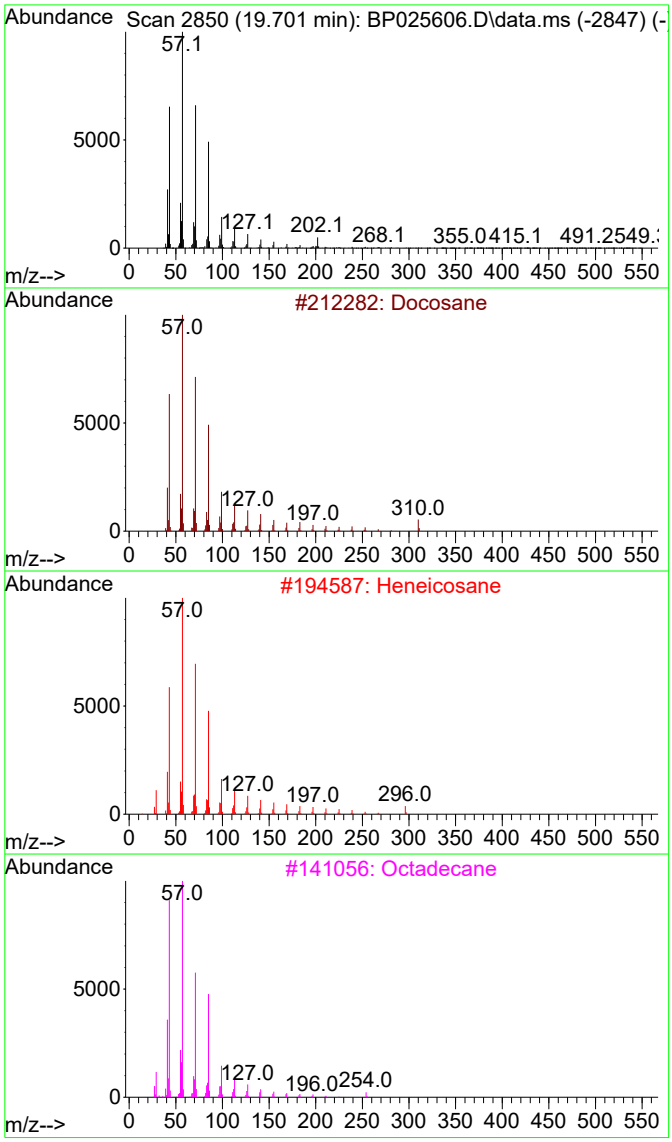
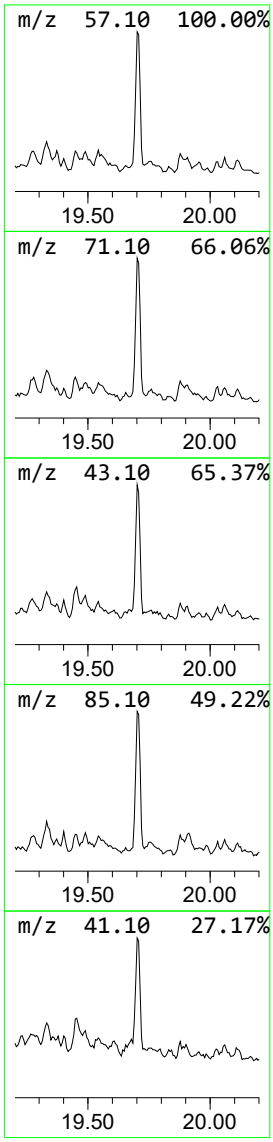
Peak Number 20 Docosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.701	12.56 ng	1529530	Chrysene-d12	21.642

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	97
2	Heneicosane	296	C21H44	000629-94-7	97
3	Octadecane	254	C18H38	000593-45-3	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Eicosane	282	C20H42	000112-95-8	90





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Acq On : 27 Aug 2025 17:03
Operator : CG/JU
Sample : Q2921-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.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
Butane, 2-metho...	3.031	86.9	ng	4936570	1	7.778	1135930	20.0
Tridecane	11.960	13.5	ng	1582720	2	10.543	2344480	20.0
Hexadecane, 2,6...	12.925	8.5	ng	1135920	3	14.390	2659290	20.0
Tetradecane	13.219	16.8	ng	2236810	3	14.390	2659290	20.0
3-Ethyl-2,6,10-...	13.884	8.4	ng	1111450	3	14.390	2659290	20.0
Hexadecane	14.301	22.9	ng	3042050	3	14.390	2659290	20.0
Heneicosane	14.937	11.7	ng	1556840	3	14.390	2659290	20.0
Carbonic acid, ...	15.272	24.3	ng	3233300	3	14.390	2659290	20.0
3-Methyl-4-(met...	15.684	23.9	ng	3175670	3	14.390	2659290	20.0
Benzophenone	15.778	8.4	ng	1111040	3	14.390	2659290	20.0
Heptadecane	16.148	35.9	ng	4061970	4	17.195	2262020	20.0
Octane, 2,6-dim...	16.172	39.9	ng	4509000	4	17.195	2262020	20.0
Octadecane	16.966	29.1	ng	3289680	4	17.195	2262020	20.0
Tridecane, 2-me...	17.019	33.3	ng	3761660	4	17.195	2262020	20.0
2-Bromotetradecane	17.642	8.3	ng	935195	4	17.195	2262020	20.0
Nonadecane	17.731	27.1	ng	3059160	4	17.195	2262020	20.0
n-Hexadecanoic ...	18.137	10.9	ng	1237510	4	17.195	2262020	20.0
Eicosane	18.442	22.1	ng	2499280	4	17.195	2262020	20.0
Heptadecane, 2,...	19.101	18.5	ng	2096530	4	17.195	2262020	20.0
Docosane	19.701	12.6	ng	1529530	5	21.642	2434730	20.0

CALIBRATION SUMMARY

Raw Data

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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q2921

Instrument ID: BNA_P Calibration Date(s): 08/14/2025 08/14/2025

Calibration Time(s): 12:33 17:24

LAB FILE ID: RRF2.5 = BP025392.D RRF005 = BP025393.D RRF010 = BP025394.D
RRF020 = BP025395.D RRF040 = BP025396.D RRF050 = BP025397.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorophenol		1.232	1.177	1.194	1.162	1.240	1.204	2.4
Benzaldehyde			0.987	0.956	1.366	1.262	1.082	17.1
Phenol-d6		1.483	1.467	1.533	1.513	1.641	1.544	4.2
Phenol		1.594	1.529	1.613	1.575	1.707	1.620	3.9
bis(2-Chloroethyl)ether		1.283	1.183	1.273	1.222	1.321	1.263	3.8
2-Chlorophenol		1.351	1.283	1.347	1.313	1.428	1.359	3.8
2-Methylphenol		1.075	1.030	1.123	1.107	1.198	1.125	5.4
2,2-oxybis(1-Chloropropane)		1.762	1.592	1.712	1.620	1.751	1.692	4.0
Acetophenone		0.515	0.487	0.506	0.485	0.523	0.502	3.0
3+4-Methylphenols			1.442	1.533	1.525	1.639	1.560	4.9
n-Nitroso-di-n-propylamine	1.014	1.066	0.959	1.056	0.992	1.053	1.023	3.7
Nitrobenzene-d5		0.395	0.376	0.392	0.383	0.419	0.395	3.7
Hexachloroethane		0.577	0.544	0.552	0.545	0.588	0.563	3.1
Nitrobenzene		0.350	0.342	0.348	0.344	0.375	0.353	3.2
Isophorone		0.734	0.672	0.700	0.674	0.730	0.700	3.7
2-Nitrophenol		0.167	0.163	0.177	0.181	0.197	0.181	7.4
2,4-Dimethylphenol		0.303	0.303	0.296	0.308	0.336	0.312	4.5
bis(2-Chloroethoxy)methane		0.443	0.407	0.425	0.407	0.439	0.423	3.6
2,4-Dichlorophenol		0.293	0.293	0.308	0.305	0.331	0.310	4.7
Naphthalene		1.069	1.020	1.037	1.000	1.087	1.040	3.1
4-Chloroaniline		0.453	0.435	0.447	0.452	0.492	0.459	4.2
Hexachlorobutadiene		0.222	0.205	0.211	0.205	0.218	0.211	3.1
Caprolactam			0.114	0.110	0.109	0.120	0.114	3.7
4-Chloro-3-methylphenol		0.366	0.335	0.347	0.346	0.373	0.355	3.9
2-Methylnaphthalene		0.716	0.653	0.678	0.652	0.700	0.676	3.7
Hexachlorocyclopentadiene			0.274	0.313	0.348	0.387	0.349	13.5
2,4,6-Trichlorophenol		0.368	0.364	0.381	0.382	0.421	0.390	5.6
2-Fluorobiphenyl		1.558	1.483	1.507	1.392	1.517	1.463	5.0
2,4,5-Trichlorophenol		0.417	0.385	0.424	0.424	0.457	0.427	5.5
1,1-Biphenyl		1.495	1.418	1.457	1.408	1.537	1.453	3.4
2-Chloronaphthalene		1.152	1.093	1.144	1.101	1.184	1.131	3.0
2-Nitroaniline		0.301	0.306	0.317	0.330	0.360	0.329	6.9
Dimethylphthalate		1.569	1.449	1.438	1.403	1.512	1.465	4.1
Acenaphthylene		1.907	1.806	1.848	1.806	1.992	1.871	3.6

All other compounds must meet a minimum RRF of 0.010.

Raw Data

Alliance TECHNICAL GROUP

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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q2921

Instrument ID: BNA_P Calibration Date(s): 08/14/2025 08/14/2025

Calibration Time(s): 12:33 17:24

LAB FILE ID: RRF2.5 = BP025392.D RRF005 = BP025393.D RRF010 = BP025394.D
RRF020 = BP025395.D RRF040 = BP025396.D RRF050 = BP025397.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2,6-Dinitrotoluene		0.297	0.287	0.302	0.309	0.331	0.309	4.9
3-Nitroaniline		0.318	0.329	0.337	0.342	0.384	0.347	6.6
Acenaphthene		1.149	1.082	1.100	1.041	1.155	1.098	3.9
2,4-Dinitrophenol			0.114	0.140	0.163	0.186	0.165	19.8
4-Nitrophenol			0.251	0.265	0.279	0.315	0.285	8.6
Dibenzofuran		1.820	1.711	1.737	1.677	1.811	1.736	3.4
2,4-Dinitrotoluene		0.404	0.407	0.431	0.438	0.479	0.440	6.6
Diethylphthalate		1.615	1.475	1.465	1.434	1.540	1.488	4.5
4-Chlorophenyl-phenylether		0.761	0.684	0.679	0.651	0.690	0.681	5.9
Fluorene		1.506	1.391	1.390	1.306	1.415	1.370	6.0
4-Nitroaniline		0.341	0.336	0.349	0.351	0.387	0.356	4.9
4,6-Dinitro-2-methylphenol			0.096	0.113	0.123	0.139	0.125	14.2
n-Nitrosodiphenylamine		0.636	0.603	0.607	0.591	0.634	0.610	3.0
2,4,6-Tribromophenol		0.266	0.259	0.267	0.263	0.286	0.269	3.4
4-Bromophenyl-phenylether		0.233	0.206	0.217	0.213	0.230	0.220	4.3
Hexachlorobenzene		0.264	0.253	0.254	0.242	0.264	0.255	3.1
Atrazine		0.229	0.226	0.228	0.218	0.240	0.228	2.7
Pentachlorophenol			0.135	0.154	0.157	0.177	0.161	9.8
Phenanthrene		1.162	1.101	1.111	1.040	1.135	1.099	3.9
Anthracene		1.161	1.124	1.133	1.079	1.175	1.122	3.4
Carbazole		1.079	1.052	1.074	1.007	1.111	1.057	3.3
Di-n-butylphthalate		1.345	1.255	1.332	1.244	1.374	1.300	3.9
Fluoranthene		1.370	1.323	1.348	1.228	1.361	1.311	4.1
Pyrene		1.398	1.261	1.287	1.274	1.320	1.300	4.0
Terphenyl-d14		1.249	1.100	1.097	1.045	1.100	1.093	7.2
Butylbenzylphthalate		0.589	0.557	0.592	0.579	0.614	0.589	3.6
3,3-Dichlorobenzidine			0.482	0.507	0.488	0.521	0.497	3.3
Chrysene		1.292	1.214	1.249	1.182	1.280	1.235	3.5
Bis(2-ethylhexyl)phthalate		0.907	0.826	0.874	0.831	0.901	0.867	3.7
Di-n-octyl phthalate			1.381	1.498	1.444	1.572	1.492	4.8
Indeno(1,2,3-cd)pyrene		1.454	1.385	1.440	1.411	1.569	1.467	4.4
Dibenzo(a,h)anthracene		1.180	1.125	1.179	1.156	1.290	1.199	4.6
1,2,4,5-Tetrachlorobenzene		0.578	0.559	0.585	0.560	0.610	0.578	3.0
1,4-Dioxane		0.520	0.464	0.475	0.445	0.479	0.472	5.1
2,3,4,6-Tetrachlorophenol		0.375	0.360	0.366	0.368	0.402	0.377	4.0

All other compounds must meet a minimum RRF of 0.010.

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

6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q2921

Instrument ID: BNA_P Calibration Date(s): 08/14/2025 08/14/2025

Calibration Time(s): 12:33 17:24

LAB FILE ID: RRF2.5 = BP025392.D RRF005 = BP025393.D RRF010 = BP025394.D
RRF020 = BP025395.D RRF040 = BP025396.D RRF050 = BP025397.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD

All other compounds must meet a minimum RRF of 0.010.

Response Factor Report MSBNA_P

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP081425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Aug 14 18:14:31 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BP025392.D 5 =BP025393.D 10 =BP025394.D 20 =BP025395.D 40 =BP025396.D 50 =BP025397.D 60 =BP025398.D 80 =BP0253
99.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------	ISTD	----------							
2)		1,4-Dioxane		0.520	0.464	0.475	0.445	0.479	0.462	0.458	0.472	5.07
3)		Pyridine		1.446	1.250	1.256	1.220	1.317	1.281	1.268	1.291	5.77
4)		n-Nitrosodimet...			0.515	0.512	0.511	0.559	0.555	0.541	0.532	4.13
5)	S	2-Fluorophenol		1.232	1.177	1.194	1.162	1.240	1.226	1.199	1.204	2.42
6)		Aniline		2.098	1.962	2.030	2.020	2.194	2.164	2.094	2.080	3.96
7)	S	Phenol-d6		1.483	1.467	1.533	1.513	1.641	1.609	1.563	1.544	4.16
8)		2-Chlorophenol		1.351	1.283	1.347	1.313	1.428	1.414	1.378	1.359	3.83
9)		Benzaldehyde			0.987	0.956	1.366	1.262	1.005	0.915	1.082	17.12
10)	C	Phenol		1.594	1.529	1.613	1.575	1.707	1.688	1.635	1.620	3.87
11)		bis(2-Chloroet...		1.283	1.183	1.273	1.222	1.321	1.303	1.255	1.263	3.78
12)		1,3-Dichlorobe...		1.532	1.433	1.503	1.443	1.555	1.530	1.493	1.499	3.07
13)	C	1,4-Dichlorobe...		1.587	1.490	1.527	1.467	1.596	1.544	1.510	1.532	3.12
14)		1,2-Dichlorobe...		1.558	1.430	1.491	1.431	1.533	1.487	1.449	1.483	3.35
15)		Benzyl Alcohol			1.138	1.205	1.193	1.287	1.289	1.250	1.227	4.83
16)		2,2'-oxybis(1-...		1.762	1.592	1.712	1.620	1.751	1.740	1.665	1.692	3.96
17)		2-Methylphenol		1.075	1.030	1.123	1.107	1.198	1.191	1.154	1.125	5.41
18)		Hexachloroethane		0.577	0.544	0.552	0.545	0.588	0.578	0.559	0.563	3.13
19)	P	n-Nitroso-di-n...	1.014	1.066	0.959	1.056	0.992	1.053	1.042	1.000	1.023	3.68
20)		3+4-Methylphenols			1.442	1.533	1.525	1.639	1.640	1.580	1.560	4.87
21)	I	Naphthalene-d8	----------	ISTD	----------							
22)		Acetophenone		0.515	0.487	0.506	0.485	0.523	0.506	0.488	0.502	2.96
23)	S	Nitrobenzene-d5		0.395	0.376	0.392	0.383	0.419	0.408	0.394	0.395	3.65
24)		Nitrobenzene		0.350	0.342	0.348	0.344	0.375	0.362	0.352	0.353	3.21
25)		Isophorone		0.734	0.672	0.700	0.674	0.730	0.709	0.680	0.700	3.70
26)	C	2-Nitrophenol		0.167	0.163	0.177	0.181	0.197	0.195	0.190	0.181	7.43
27)		2,4-Dimethylph...		0.303	0.303	0.296	0.308	0.336	0.325	0.313	0.312	4.46
28)		bis(2-Chloroet...		0.443	0.407	0.425	0.407	0.439	0.430	0.410	0.423	3.61
29)	C	2,4-Dichloroph...		0.293	0.293	0.308	0.305	0.331	0.324	0.314	0.310	4.71
30)		1,2,4-Trichlor...		0.357	0.329	0.335	0.327	0.354	0.344	0.332	0.340	3.61
31)		Naphthalene		1.069	1.020	1.037	1.000	1.087	1.052	1.011	1.040	3.06
32)		Benzoic acid			0.188	0.207	0.227	0.249	0.255	0.255	0.230	12.20
33)		4-Chloroaniline		0.453	0.435	0.447	0.452	0.492	0.478	0.458	0.459	4.19
34)	C	Hexachlorobuta...		0.222	0.205	0.211	0.205	0.218	0.213	0.207	0.211	3.05
35)		Caprolactam			0.114	0.110	0.109	0.120	0.116	0.113	0.114	3.67
36)	C	4-Chloro-3-met...		0.366	0.335	0.347	0.346	0.373	0.368	0.353	0.355	3.85
37)		2-Methylnaphth...		0.716	0.653	0.678	0.652	0.700	0.682	0.654	0.676	3.69
38)		1-Methylnaphth...		0.777	0.706	0.713	0.686	0.751	0.719	0.685	0.719	4.67

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP081425.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.578	0.559	0.585	0.560	0.610	0.581	0.571	0.578	3.00
41)	P	Hexachlorocycl...		0.274	0.313	0.348	0.387	0.388	0.383	0.349	13.46
42)	S	2,4,6-Tribromo...	0.266	0.259	0.267	0.263	0.286	0.275	0.268	0.269	3.39
43)	C	2,4,6-Trichlor...	0.368	0.364	0.381	0.382	0.421	0.408	0.405	0.390	5.56
44)		2,4,5-Trichlor...	0.417	0.385	0.424	0.424	0.457	0.448	0.437	0.427	5.52
45)	S	2-Fluorobiphenyl	1.558	1.483	1.507	1.392	1.517	1.435	1.351	1.463	5.04
46)		1,1'-Biphenyl	1.495	1.418	1.457	1.408	1.537	1.445	1.407	1.453	3.37
47)		2-Chloronaphth...	1.152	1.093	1.144	1.101	1.184	1.142	1.100	1.131	2.99
48)		2-Nitroaniline	0.301	0.306	0.317	0.330	0.360	0.351	0.341	0.329	6.85
49)		Acenaphthylene	1.907	1.806	1.848	1.806	1.992	1.907	1.832	1.871	3.63
50)		Dimethylphthalate	1.569	1.449	1.438	1.403	1.512	1.479	1.403	1.465	4.12
51)		2,6-Dinitrotol...	0.297	0.287	0.302	0.309	0.331	0.323	0.311	0.309	4.95
52)	C	Acenaphthene	1.149	1.082	1.100	1.041	1.155	1.106	1.056	1.098	3.93
53)		3-Nitroaniline	0.318	0.329	0.337	0.342	0.384	0.367	0.354	0.347	6.56
54)	P	2,4-Dinitrophenol		0.114	0.140	0.163	0.186	0.192	0.194	0.165	19.83
55)		Dibenzofuran	1.820	1.711	1.737	1.677	1.811	1.729	1.672	1.736	3.40
56)	P	4-Nitrophenol		0.251	0.265	0.279	0.315	0.304	0.298	0.285	8.56
57)		2,4-Dinitrotol...	0.404	0.407	0.431	0.438	0.479	0.471	0.454	0.440	6.61
58)		Fluorene	1.506	1.391	1.390	1.306	1.415	1.330	1.253	1.370	6.02
59)		2,3,4,6-Tetrac...	0.375	0.360	0.366	0.368	0.402	0.392	0.379	0.377	4.01
60)		Diethylphthalate	1.615	1.475	1.465	1.434	1.540	1.459	1.430	1.488	4.48
61)		4-Chlorophenyl...	0.761	0.684	0.679	0.651	0.690	0.671	0.634	0.681	5.91
62)		4-Nitroaniline	0.341	0.336	0.349	0.351	0.387	0.370	0.359	0.356	4.89
63)		Azobenzene	1.315	1.226	1.274	1.237	1.341	1.301	1.227	1.274	3.62
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.096	0.113	0.123	0.139	0.139	0.138	0.125	14.21
66)	c	n-Nitrosodiphe...	0.636	0.603	0.607	0.591	0.634	0.605	0.594	0.610	2.99
67)		4-Bromophenyl-...	0.233	0.206	0.217	0.213	0.230	0.223	0.218	0.220	4.34
68)		Hexachlorobenzene	0.264	0.253	0.254	0.242	0.264	0.257	0.251	0.255	3.06
69)		Atrazine	0.229	0.226	0.228	0.218	0.240	0.229	0.229	0.228	2.74
70)	C	Pentachlorophenol		0.135	0.154	0.157	0.177	0.171	0.172	0.161	9.76
71)		Phenanthrene	1.162	1.101	1.111	1.040	1.135	1.085	1.057	1.099	3.88
72)		Anthracene	1.161	1.124	1.133	1.079	1.175	1.101	1.080	1.122	3.37
73)		Carbazole	1.079	1.052	1.074	1.007	1.111	1.053	1.022	1.057	3.32
74)		Di-n-butylphth...	1.345	1.255	1.332	1.244	1.374	1.285	1.265	1.300	3.86
75)	C	Fluoranthene	1.370	1.323	1.348	1.228	1.361	1.286	1.258	1.311	4.13
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine		0.642	0.642	0.967	0.664	0.608	0.573	0.683	20.94
78)		Pyrene	1.398	1.261	1.287	1.274	1.320	1.319	1.241	1.300	4.00
79)	S	Terphenyl-d14	1.249	1.100	1.097	1.045	1.100	1.061	0.999	1.093	7.15
80)		Butylbenzylpht...	0.589	0.557	0.592	0.579	0.614	0.616	0.578	0.589	3.55
81)		Benzo(a)anthra...	1.384	1.302	1.313	1.268	1.359	1.333	1.275	1.319	3.21
82)		3,3'-Dichlorob...		0.482	0.507	0.488	0.521	0.506	0.480	0.497	3.31
83)		Chrysene	1.292	1.214	1.249	1.182	1.280	1.243	1.186	1.235	3.49
84)		Bis(2-ethylhex...	0.907	0.826	0.874	0.831	0.901	0.882	0.850	0.867	3.73
85)	c	Di-n-octyl pht...		1.381	1.498	1.444	1.572	1.563	1.491	1.492	4.84

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP081425.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.454	1.385	1.440	1.411	1.569	1.522	1.486	1.467	4.36
88)		Benzo(b)fluora...	1.203	1.126	1.171	1.134	1.250	1.197	1.175	1.179	3.60
89)		Benzo(k)fluora...	1.202	1.157	1.200	1.130	1.226	1.206	1.141	1.180	3.16
90)	C	Benzo(a)pyrene	1.139	1.093	1.150	1.108	1.219	1.185	1.141	1.148	3.77
91)		Dibenzo(a,h)an...	1.180	1.125	1.179	1.156	1.290	1.244	1.216	1.199	4.64
92)		Benzo(g,h,i)pe...	1.162	1.118	1.169	1.138	1.248	1.220	1.192	1.178	3.86

(#) = Out of Range

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025392.D
Acq On : 14 Aug 2025 12:33
Operator : CG/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Quant Time: Aug 14 17:51:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.790	152	140275	20.000	ng	0.00
21) Naphthalene-d8	10.566	136	567766	20.000	ng	0.00
39) Acenaphthene-d10	14.419	164	380728	20.000	ng	0.01
64) Phenanthrene-d10	17.213	188	796256	20.000	ng	0.01
76) Chrysene-d12	21.660	240	884747	20.000	ng	0.01
86) Perylene-d12	25.042	264	1005304	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.000	ng	
7) Phenol-d6	0.000	99	0d	0.000	ng	
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng	
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
79) Terphenyl-d14	0.000	244	0d	0.000	ng	
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	8.584	70	17781	2.476	ng	99

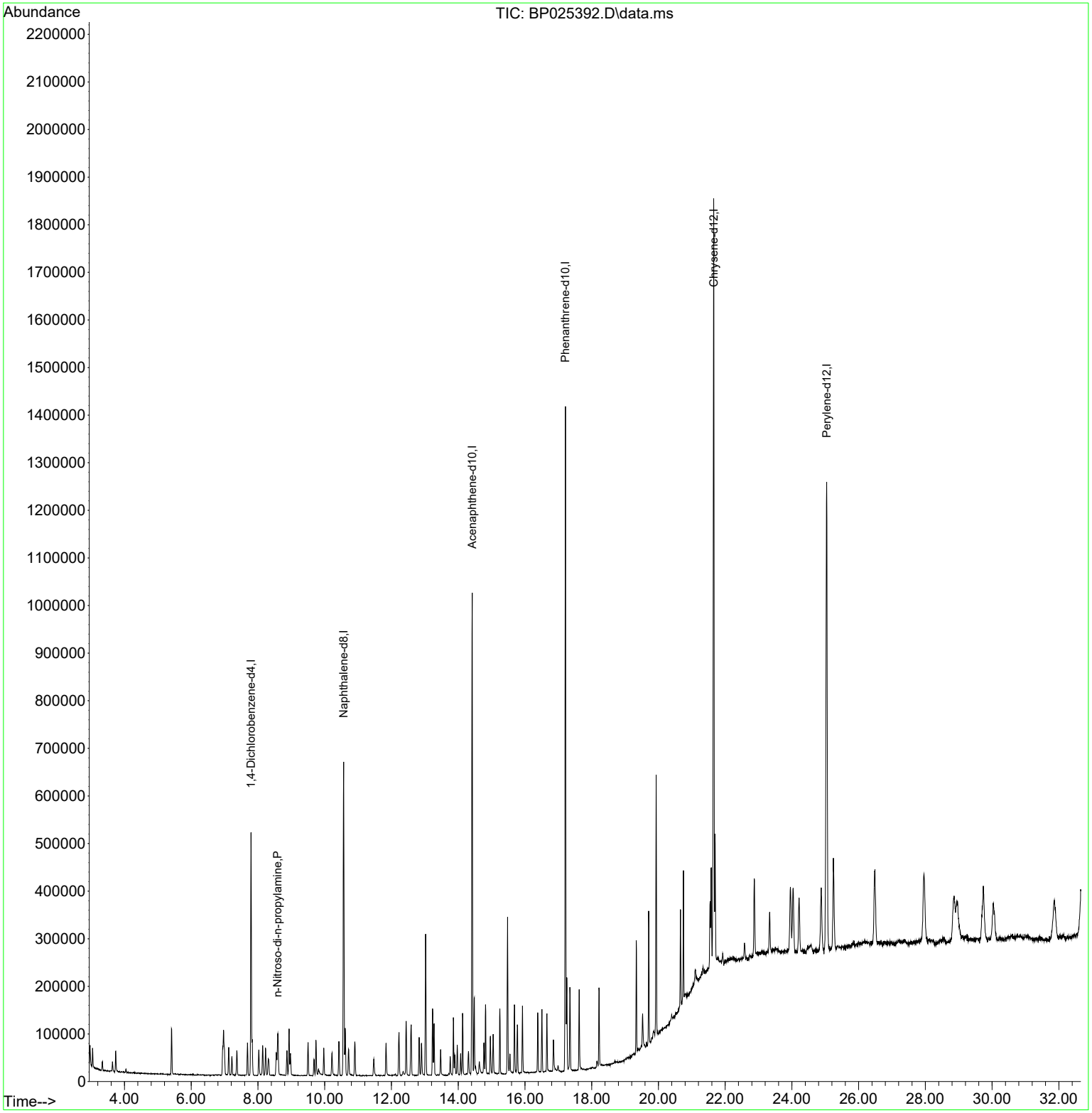
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025392.D
Acq On : 14 Aug 2025 12:33
Operator : CG/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Quant Time: Aug 14 17:51:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025393.D
Acq On : 14 Aug 2025 13:15
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

Quant Time: Aug 14 17:52:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.790	152	130958	20.000	ng		0.00
21) Naphthalene-d8	10.560	136	551384	20.000	ng		0.00
39) Acenaphthene-d10	14.401	164	392376	20.000	ng		0.00
64) Phenanthrene-d10	17.207	188	816331	20.000	ng		0.00
76) Chrysene-d12	21.654	240	858165	20.000	ng		0.00
86) Perylene-d12	25.036	264	963881	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.408	112	80645	10.227	ng		0.00
7) Phenol-d6	6.966	99	97106	9.605	ng		0.00
23) Nitrobenzene-d5	8.931	82	108814	9.983	ng		0.00
42) 2,4,6-Tribromophenol	15.913	330	52188	9.881	ng		0.00
45) 2-Fluorobiphenyl	13.019	172	305742	10.649	ng		0.00
79) Terphenyl-d14	19.925	244	536049	11.428	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.337	88	17016	5.509	ng		95
3) Pyridine	3.731	79	47347	5.600	ng		95
6) Aniline	7.119	93	68694	5.043	ng		100
8) 2-Chlorophenol	7.366	128	44217	4.969	ng		98
10) Phenol	6.990	94	52186	4.919	ng		98
11) bis(2-Chloroethyl)ether	7.219	93	41995	5.079	ng		98
12) 1,3-Dichlorobenzene	7.684	146	50146	5.111	ng		96
13) 1,4-Dichlorobenzene	7.825	146	51948	5.180	ng		97
14) 1,2-Dichlorobenzene	8.143	146	50995	5.253	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.313	45	57686	5.208	ng		98
17) 2-Methylphenol	8.225	107	35186	4.776	ng		96
18) Hexachloroethane	8.866	117	18905	5.127	ng		99
19) n-Nitroso-di-n-propyla...	8.584	70	34898	5.205	ng		95
22) Acetophenone	8.602	105	70986	5.134	ng	#	96
24) Nitrobenzene	8.972	77	48234	4.951	ng		99
25) Isophorone	9.496	82	101112	5.242	ng		98
26) 2-Nitrophenol	9.678	139	23020	4.605	ng		95
27) 2,4-Dimethylphenol	9.737	122	41790	4.861	ng		99
28) bis(2-Chloroethoxy)met...	9.972	93	61017	5.233	ng		98
29) 2,4-Dichlorophenol	10.213	162	40336	4.723	ng		94
30) 1,2,4-Trichlorobenzene	10.425	180	49237	5.259	ng		97
31) Naphthalene	10.613	128	147346	5.141	ng		99
33) 4-Chloroaniline	10.713	127	62452	4.933	ng		96
34) Hexachlorobutadiene	10.902	225	30559	5.241	ng		95
36) 4-Chloro-3-methylphenol	11.837	107	50515	5.154	ng		91
37) 2-Methylnaphthalene	12.219	142	98648	5.289	ng		97
38) 1-Methylnaphthalene	12.437	142	107044	5.397	ng		97
40) 1,2,4,5-Tetrachloroben...	12.590	216	56676	5.001	ng		100
43) 2,4,6-Trichlorophenol	12.831	196	36093	4.718	ng		95
44) 2,4,5-Trichlorophenol	12.901	196	40875	4.875	ng		95
46) 1,1'-Biphenyl	13.237	154	146651	5.146	ng		98
47) 2-Chloronaphthalene	13.272	162	113015	5.094	ng		99
48) 2-Nitroaniline	13.466	65	29527	4.568	ng		98
49) Acenaphthylene	14.125	152	187026	5.095	ng		99
50) Dimethylphthalate	13.860	163	153868	5.355	ng		99
51) 2,6-Dinitrotoluene	13.966	165	29088	4.803	ng		94

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025393.D
Acq On : 14 Aug 2025 13:15
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

Quant Time: Aug 14 17:52:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	14.472	154	112730m	5.232	ng	
53) 3-Nitroaniline	14.301	138	31224	4.583	ng	85
55) Dibenzofuran	14.813	168	178494	5.240	ng	99
57) 2,4-Dinitrotoluene	14.760	165	39658	4.590	ng	94
58) Fluorene	15.472	166	147760	5.497	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.037	232	36779	4.968	ng	99
60) Diethylphthalate	15.237	149	158426	5.426	ng	99
61) 4-Chlorophenyl-phenyle...	15.466	204	74636	5.583	ng	99
62) 4-Nitroaniline	15.478	138	33466	4.791	ng	90
63) Azobenzene	15.760	77	128978	5.159	ng	99
66) n-Nitrosodiphenylamine	15.678	169	129805	5.214	ng	97
67) 4-Bromophenyl-phenylether	16.378	248	47579	5.299	ng	98
68) Hexachlorobenzene	16.501	284	53940	5.183	ng	98
69) Atrazine	16.648	200	46750	5.015	ng	96
71) Phenanthrene	17.248	178	237107	5.287	ng	98
72) Anthracene	17.342	178	236938	5.174	ng	99
73) Carbazole	17.619	167	220112	5.103	ng	98
74) Di-n-butylphthalate	18.231	149	274467	5.172	ng	99
75) Fluoranthene	19.336	202	279497	5.225	ng	99
78) Pyrene	19.713	202	299922	5.377	ng	98
80) Butylbenzylphthalate	20.654	149	126321	4.997	ng	99
81) Benzo(a)anthracene	21.636	228	296847	5.245	ng	100
83) Chrysene	21.701	228	277175	5.229	ng	99
84) Bis(2-ethylhexyl)phtha...	21.583	149	194541	5.228	ng	97
87) Indeno(1,2,3-cd)pyrene	28.865	276	350414	4.956	ng	98
88) Benzo(b)fluoranthene	23.960	252	289797	5.099	ng	99
89) Benzo(k)fluoranthene	24.042	252	289556	5.091	ng	98
90) Benzo(a)pyrene	24.877	252	274440	4.960	ng	99
91) Dibenzo(a,h)anthracene	28.942	278	284440	4.924	ng	100
92) Benzo(g,h,i)perylene	30.036	276	279987	4.931	ng	97

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

ICAL Form

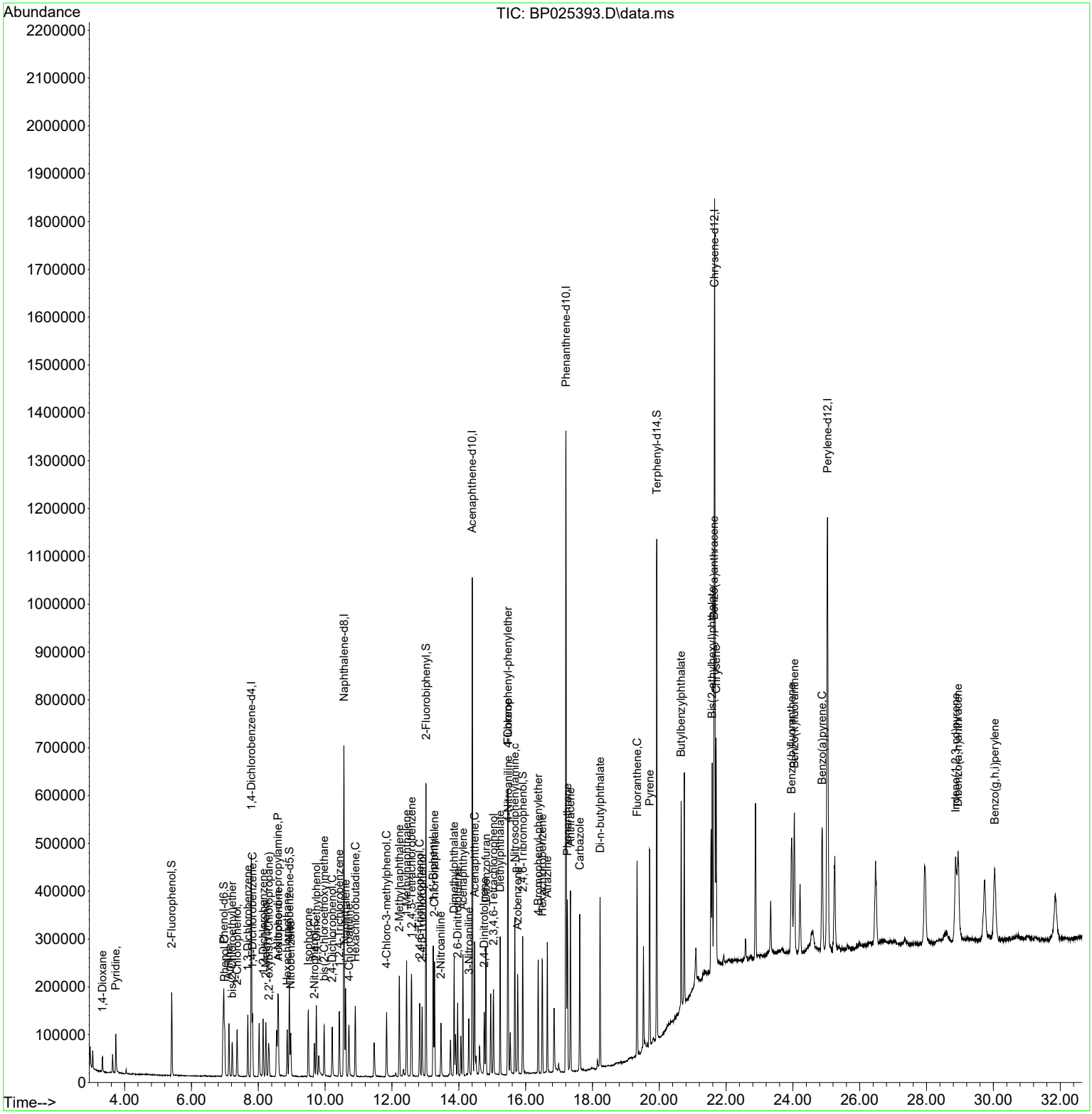
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025393.D
Acq On : 14 Aug 2025 13:15
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 14 17:52:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025394.D
Acq On : 14 Aug 2025 13:56
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 14 17:53:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.790	152	137852	20.000	ng		0.00
21) Naphthalene-d8	10.566	136	563995	20.000	ng		0.00
39) Acenaphthene-d10	14.407	164	383199	20.000	ng		0.00
64) Phenanthrene-d10	17.207	188	780940	20.000	ng		0.00
76) Chrysene-d12	21.648	240	860386	20.000	ng		0.00
86) Perylene-d12	25.036	264	980670	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.408	112	162289	19.551	ng		0.00
7) Phenol-d6	6.966	99	202204	19.000	ng		0.00
23) Nitrobenzene-d5	8.931	82	212236	19.036	ng		0.00
42) 2,4,6-Tribromophenol	15.919	330	99083	19.210	ng		0.00
45) 2-Fluorobiphenyl	13.019	172	568359	20.271	ng		0.00
79) Terphenyl-d14	19.924	244	946422	20.125	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.331	88	31948	9.826	ng		98
3) Pyridine	3.731	79	86156	9.681	ng		100
4) n-Nitrosodimethylamine	3.637	42	35519	9.681	ng	#	99
6) Aniline	7.125	93	135217	9.430	ng		99
8) 2-Chlorophenol	7.366	128	88413	9.439	ng		98
9) Benzaldehyde	6.943	77	68064m	9.129	ng		
10) Phenol	6.996	94	105394	9.438	ng		99
11) bis(2-Chloroethyl)ether	7.219	93	81541	9.368	ng		98
12) 1,3-Dichlorobenzene	7.684	146	98782	9.564	ng		98
13) 1,4-Dichlorobenzene	7.825	146	102729	9.731	ng		98
14) 1,2-Dichlorobenzene	8.143	146	98589	9.647	ng		98
15) Benzyl Alcohol	8.025	79	78411	9.273	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.313	45	109744	9.412	ng		99
17) 2-Methylphenol	8.231	107	70991	9.153	ng		98
18) Hexachloroethane	8.866	117	37473	9.654	ng		98
19) n-Nitroso-di-n-propyla...	8.584	70	66105	9.366	ng		99
20) 3+4-Methylphenols	8.549	107	99382	9.244	ng		97
22) Acetophenone	8.602	105	137361	9.712	ng	#	98
24) Nitrobenzene	8.972	77	96502	9.685	ng		97
25) Isophorone	9.502	82	189510	9.604	ng		99
26) 2-Nitrophenol	9.678	139	45860	8.968	ng		96
27) 2,4-Dimethylphenol	9.737	122	85465	9.718	ng		98
28) bis(2-Chloroethoxy)met...	9.972	93	114635	9.611	ng		99
29) 2,4-Dichlorophenol	10.213	162	82676	9.464	ng		97
30) 1,2,4-Trichlorobenzene	10.431	180	92664	9.676	ng		94
31) Naphthalene	10.613	128	287754	9.816	ng		99
32) Benzoic acid	9.825	122	53034m	8.188	ng		
33) 4-Chloroaniline	10.713	127	122647	9.472	ng		98
34) Hexachlorobutadiene	10.901	225	57821	9.695	ng		97
35) Caprolactam	11.472	113	32038	10.001	ng		93
36) 4-Chloro-3-methylphenol	11.837	107	94538	9.431	ng		97
37) 2-Methylnaphthalene	12.219	142	184172	9.654	ng		100
38) 1-Methylnaphthalene	12.437	142	199160	9.817	ng		97
40) 1,2,4,5-Tetrachloroben...	12.590	216	107104	9.678	ng		99
41) Hexachlorocyclopentadiene	12.572	237	52588	7.867	ng		97
43) 2,4,6-Trichlorophenol	12.831	196	69780	9.339	ng		97

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025394.D
Acq On : 14 Aug 2025 13:56
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

Quant Time: Aug 14 17:53:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.901	196	73744	9.006	ng	98
46) 1,1'-Biphenyl	13.237	154	271710	9.763	ng	98
47) 2-Chloronaphthalene	13.272	162	209419	9.666	ng	99
48) 2-Nitroaniline	13.466	65	58630	9.287	ng	97
49) Acenaphthylene	14.119	152	346021	9.652	ng	99
50) Dimethylphthalate	13.860	163	277701	9.896	ng	99
51) 2,6-Dinitrotoluene	13.972	165	54957	9.292	ng	96
52) Acenaphthene	14.472	154	207239m	9.848	ng	
53) 3-Nitroaniline	14.301	138	62991	9.466	ng	93
54) 2,4-Dinitrophenol	14.513	184	21748	6.886	ng	99
55) Dibenzofuran	14.807	168	327734	9.851	ng	100
56) 4-Nitrophenol	14.625	139	48103	8.797	ng	97
57) 2,4-Dinitrotoluene	14.766	165	77950	9.237	ng	100
58) Fluorene	15.472	166	266610	10.156	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.042	232	68931	9.533	ng	99
60) Diethylphthalate	15.242	149	282526	9.909	ng	98
61) 4-Chlorophenyl-phenyle...	15.466	204	131137	10.044	ng	99
62) 4-Nitroaniline	15.478	138	64375	9.437	ng	99
63) Azobenzene	15.766	77	234879	9.620	ng	98
65) 4,6-Dinitro-2-methylph...	15.542	198	37380	7.679	ng	97
66) n-Nitrosodiphenylamine	15.684	169	235344	9.883	ng	100
67) 4-Bromophenyl-phenylether	16.384	248	80373	9.358	ng	98
68) Hexachlorobenzene	16.501	284	98614	9.905	ng	96
69) Atrazine	16.660	200	88240	9.894	ng	98
70) Pentachlorophenol	16.854	266	52539	8.360	ng	97
71) Phenanthrene	17.248	178	429752	10.018	ng	99
72) Anthracene	17.348	178	438953	10.020	ng	100
73) Carbazole	17.619	167	410726	9.954	ng	99
74) Di-n-butylphthalate	18.219	149	490232	9.656	ng	99
75) Fluoranthene	19.330	202	516523	10.094	ng	99
77) Benzidine	19.525	184	276193	9.406	ng	99
78) Pyrene	19.707	202	542670	9.704	ng	100
80) Butylbenzylphthalate	20.660	149	239416	9.446	ng	98
81) Benzo(a)anthracene	21.624	228	560279	9.874	ng	99
82) 3,3'-Dichlorobenzidine	21.554	252	207153	9.686	ng	99
83) Chrysene	21.701	228	522411	9.831	ng	99
84) Bis(2-ethylhexyl)phtha...	21.583	149	355530	9.529	ng	99
85) Di-n-octyl phthalate	22.877	149	594195	9.259	ng	99
87) Indeno(1,2,3-cd)pyrene	28.853	276	678980m	9.438	ng	
88) Benzo(b)fluoranthene	23.954	252	552191	9.549	ng	99
89) Benzo(k)fluoranthene	24.018	252	567080	9.800	ng	98
90) Benzo(a)pyrene	24.854	252	535820	9.519	ng	99
91) Dibenzo(a,h)anthracene	28.959	278	551694	9.387	ng	99
92) Benzo(g,h,i)perylene	30.047	276	548117	9.489	ng	99

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

ICAL Form

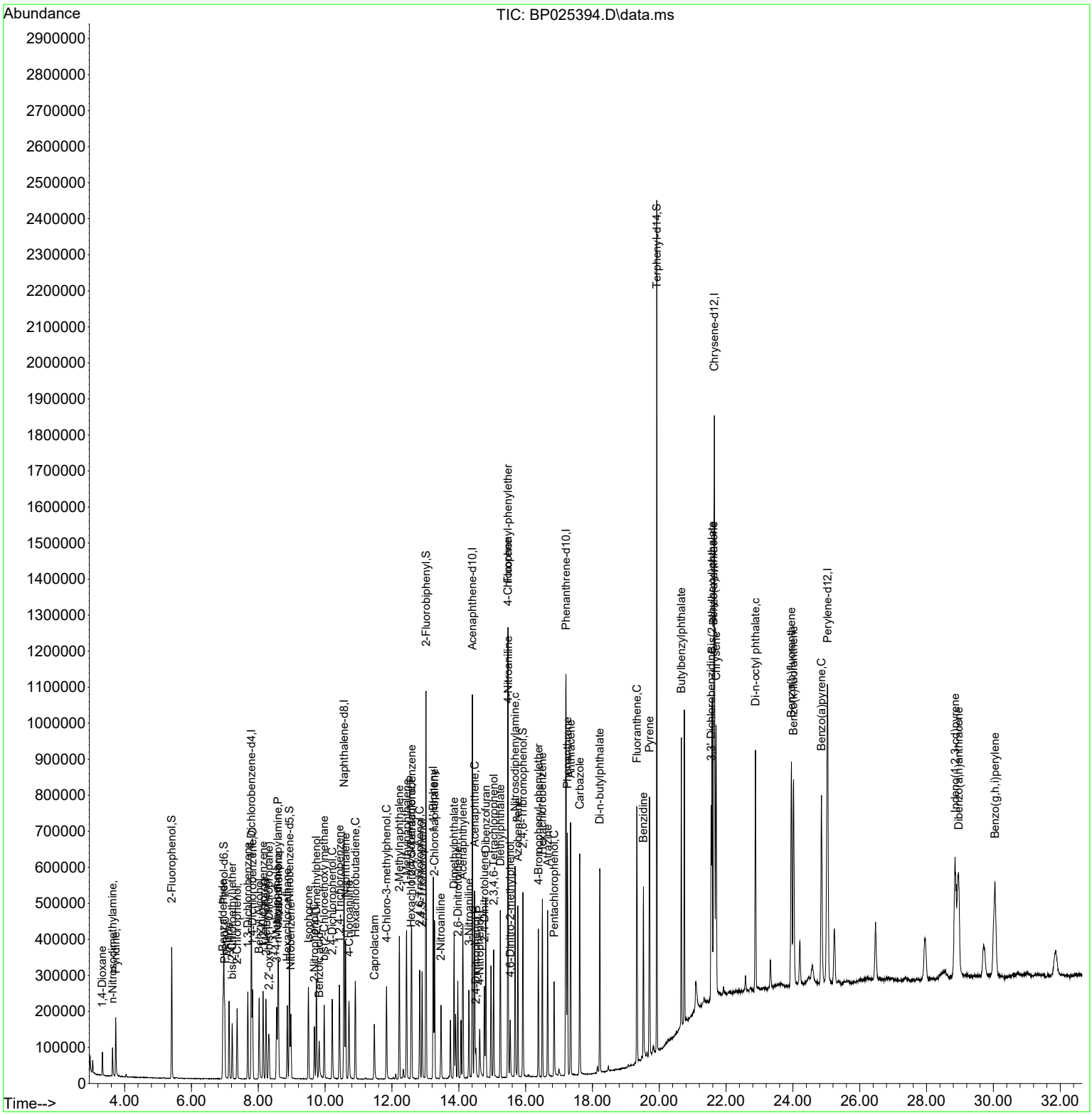
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025394.D
Acq On : 14 Aug 2025 13:56
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 14 17:53:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025395.D
Acq On : 14 Aug 2025 14:38
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

Quant Time: Aug 14 17:54:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.790	152	141721	20.000	ng		0.00
21) Naphthalene-d8	10.560	136	603797	20.000	ng		0.00
39) Acenaphthene-d10	14.413	164	399034	20.000	ng		0.00
64) Phenanthrene-d10	17.213	188	785736	20.000	ng		0.01
76) Chrysene-d12	21.654	240	852065	20.000	ng		0.00
86) Perylene-d12	25.036	264	958651	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.408	112	338568	39.674	ng		0.00
7) Phenol-d6	6.966	99	434388	39.702	ng		0.00
23) Nitrobenzene-d5	8.931	82	473937	39.706	ng		0.00
42) 2,4,6-Tribromophenol	15.925	330	212968	39.651	ng		0.01
45) 2-Fluorobiphenyl	13.025	172	1203064	41.205	ng		0.00
79) Terphenyl-d14	19.930	244	1869951	40.152	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.331	88	67276	20.126	ng		99
3) Pyridine	3.731	79	177948	19.450	ng		98
4) n-Nitrosodimethylamine	3.637	42	72627	19.255	ng	#	96
6) Aniline	7.125	93	287645	19.513	ng		99
8) 2-Chlorophenol	7.366	128	190858	19.819	ng		99
9) Benzaldehyde	6.937	77	135464	17.672	ng		99
10) Phenol	6.990	94	228580	19.910	ng		98
11) bis(2-Chloroethyl)ether	7.219	93	180390	20.159	ng		98
12) 1,3-Dichlorobenzene	7.684	146	213023	20.061	ng		99
13) 1,4-Dichlorobenzene	7.825	146	216400	19.938	ng		99
14) 1,2-Dichlorobenzene	8.143	146	211243	20.106	ng		99
15) Benzyl Alcohol	8.019	79	170736	19.640	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.307	45	242616	20.240	ng		99
17) 2-Methylphenol	8.225	107	159119	19.956	ng		98
18) Hexachloroethane	8.866	117	78205	19.597	ng		94
19) n-Nitroso-di-n-propyla...	8.584	70	149715	20.633	ng		97
20) 3+4-Methylphenols	8.543	107	217240	19.655	ng		98
22) Acetophenone	8.596	105	305812	20.196	ng		99
24) Nitrobenzene	8.972	77	210234	19.708	ng		100
25) Isophorone	9.496	82	422370	19.995	ng		99
26) 2-Nitrophenol	9.678	139	106805	19.509	ng		98
27) 2,4-Dimethylphenol	9.743	122	178534	18.963	ng		99
28) bis(2-Chloroethoxy)met...	9.972	93	256656	20.100	ng		99
29) 2,4-Dichlorophenol	10.207	162	186076	19.896	ng		99
30) 1,2,4-Trichlorobenzene	10.425	180	201995	19.702	ng		98
31) Naphthalene	10.613	128	625899	19.944	ng		99
32) Benzoic acid	9.843	122	124836m	18.004	ng		
33) 4-Chloroaniline	10.713	127	270158	19.489	ng		99
34) Hexachlorobutadiene	10.901	225	127593	19.983	ng		99
35) Caprolactam	11.484	113	66168	19.294	ng		95
36) 4-Chloro-3-methylphenol	11.837	107	209817	19.551	ng		97
37) 2-Methylnaphthalene	12.219	142	409613	20.057	ng		99
38) 1-Methylnaphthalene	12.443	142	430666	19.829	ng		100
40) 1,2,4,5-Tetrachloroben...	12.590	216	233523	20.263	ng		99
41) Hexachlorocyclopentadiene	12.572	237	124759	17.922	ng		98
43) 2,4,6-Trichlorophenol	12.831	196	152031	19.540	ng		99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025395.D
Acq On : 14 Aug 2025 14:38
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

Quant Time: Aug 14 17:54:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.901	196	169197	19.842	ng	98
46) 1,1'-Biphenyl	13.237	154	581464	20.064	ng	100
47) 2-Chloronaphthalene	13.272	162	456552	20.237	ng	98
48) 2-Nitroaniline	13.478	65	126433	19.233	ng	99
49) Acenaphthylene	14.137	152	737527	19.756	ng	99
50) Dimethylphthalate	13.866	163	573661	19.632	ng	100
51) 2,6-Dinitrotoluene	13.966	165	120693	19.597	ng	96
52) Acenaphthene	14.484	154	438852m	20.027	ng	
53) 3-Nitroaniline	14.301	138	134502	19.410	ng	97
54) 2,4-Dinitrophenol	14.519	184	55713	16.939	ng	98
55) Dibenzofuran	14.819	168	692966	20.002	ng	99
56) 4-Nitrophenol	14.619	139	105787	18.578	ng	98
57) 2,4-Dinitrotoluene	14.772	165	172020	19.576	ng	96
58) Fluorene	15.478	166	554647	20.289	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.048	232	145926	19.381	ng	99
60) Diethylphthalate	15.248	149	584590	19.689	ng	99
61) 4-Chlorophenyl-phenyle...	15.472	204	270949	19.929	ng	98
62) 4-Nitroaniline	15.478	138	139202	19.595	ng	100
63) Azobenzene	15.766	77	508563	20.004	ng	100
65) 4,6-Dinitro-2-methylph...	15.548	198	88992	18.169	ng	97
66) n-Nitrosodiphenylamine	15.684	169	477080	19.911	ng	99
67) 4-Bromophenyl-phenylether	16.389	248	170738	19.758	ng	97
68) Hexachlorobenzene	16.495	284	199410	19.906	ng	99
69) Atrazine	16.666	200	179513	20.006	ng	99
70) Pentachlorophenol	16.848	266	120958	19.128	ng	99
71) Phenanthrene	17.254	178	872890	20.223	ng	99
72) Anthracene	17.342	178	890292	20.198	ng	100
73) Carbazole	17.625	167	843970	20.328	ng	99
74) Di-n-butylphthalate	18.219	149	1046709	20.491	ng	100
75) Fluoranthene	19.342	202	1058912	20.567	ng	99
77) Benzidine	19.525	184	546647	18.799	ng	99
78) Pyrene	19.713	202	1096965	19.807	ng	99
80) Butylbenzylphthalate	20.666	149	504019	20.081	ng	97
81) Benzo(a)anthracene	21.630	228	1118590	19.906	ng	100
82) 3,3'-Dichlorobenzidine	21.548	252	432075	20.399	ng	100
83) Chrysene	21.707	228	1063898	20.216	ng	99
84) Bis(2-ethylhexyl)phtha...	21.577	149	744704	20.155	ng	99
85) Di-n-octyl phthalate	22.871	149	1276798	20.091	ng	100
87) Indeno(1,2,3-cd)pyrene	28.865	276	1380331m	19.627	ng	
88) Benzo(b)fluoranthene	23.948	252	1122408	19.855	ng	100
89) Benzo(k)fluoranthene	24.018	252	1150366	20.336	ng	100
90) Benzo(a)pyrene	24.854	252	1102804	20.041	ng	100
91) Dibenzo(a,h)anthracene	28.965	278	1130209	19.672	ng	98
92) Benzo(g,h,i)perylene	30.053	276	1120307	19.840	ng	99

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

ICAL Form

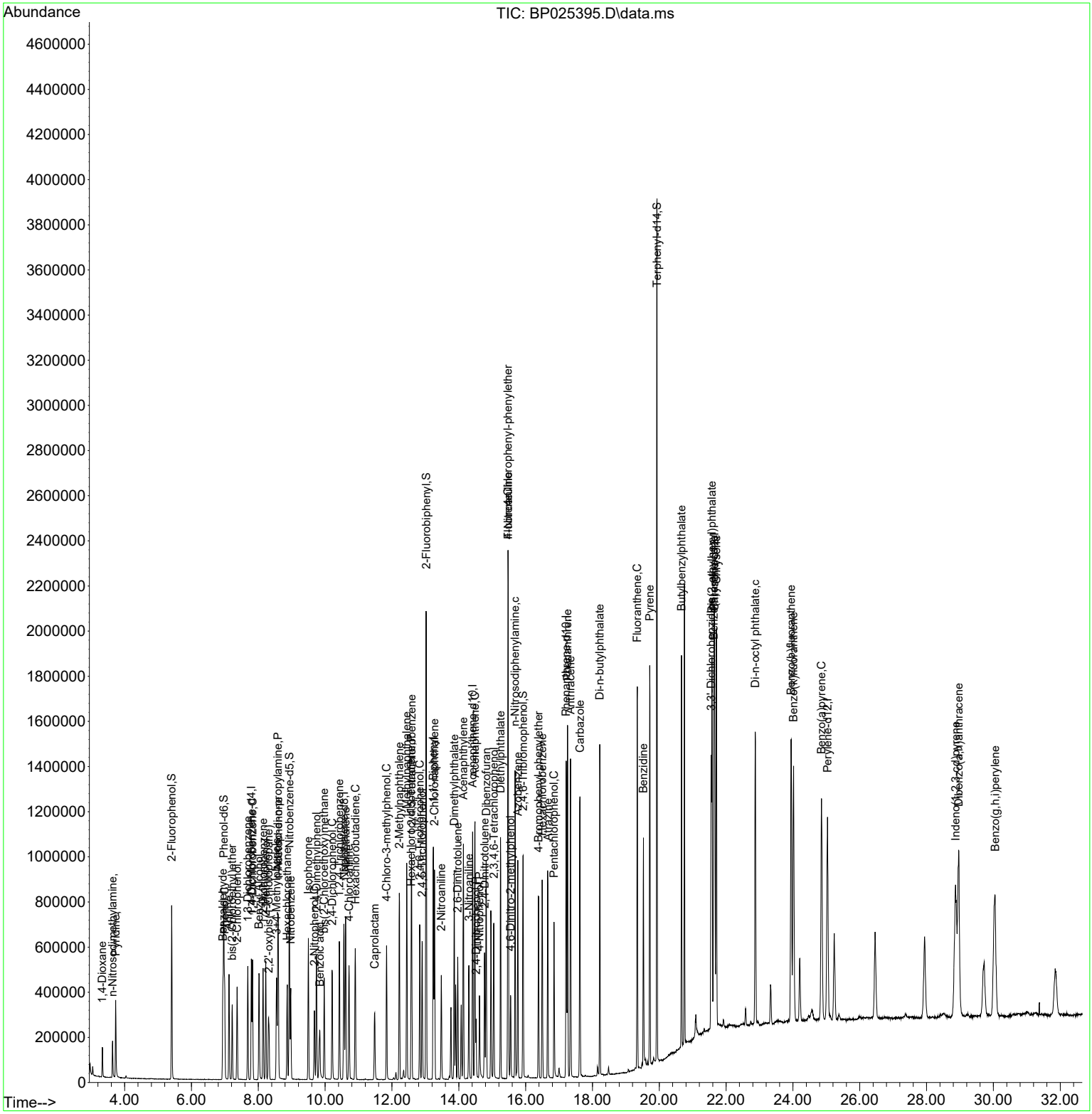
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025395.D
Acq On : 14 Aug 2025 14:38
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Aug 14 17:54:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025396.D
Acq On : 14 Aug 2025 15:19
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 14 17:55:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.796	152	157704	20.000	ng	0.00
21) Naphthalene-d8	10.560	136	663553	20.000	ng	0.00
39) Acenaphthene-d10	14.407	164	441110	20.000	ng	0.00
64) Phenanthrene-d10	17.201	188	884529	20.000	ng	0.00
76) Chrysene-d12	21.648	240	899207	20.000	ng	0.00
86) Perylene-d12	25.030	264	1022138	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	733191	77.209	ng	0.00
7) Phenol-d6	6.966	99	954285	78.381	ng	0.00
23) Nitrobenzene-d5	8.937	82	1015557	77.420	ng	0.00
42) 2,4,6-Tribromophenol	15.913	330	463783	78.112	ng	0.00
45) 2-Fluorobiphenyl	13.019	172	2456787	76.118	ng	0.00
79) Terphenyl-d14	19.919	244	3760236	76.508	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.337	88	140326	37.726	ng	100
3) Pyridine	3.731	79	384936	37.809	ng	100
4) n-Nitrosodimethylamine	3.637	42	161267	38.421	ng	100
6) Aniline	7.125	93	637156	38.842	ng	100
8) 2-Chlorophenol	7.366	128	414233	38.655	ng	100
9) Benzaldehyde	6.943	77	430704	50.493	ng	100
10) Phenol	6.996	94	496755	38.884	ng	100
11) bis(2-Chloroethyl)ether	7.219	93	385335	38.698	ng	100
12) 1,3-Dichlorobenzene	7.684	146	455200	38.523	ng	100
13) 1,4-Dichlorobenzene	7.831	146	462800	38.319	ng	100
14) 1,2-Dichlorobenzene	8.143	146	451306	38.602	ng	100
15) Benzyl Alcohol	8.025	79	376323	38.901	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.313	45	510991	38.308	ng	100
17) 2-Methylphenol	8.225	107	349313	39.369	ng	100
18) Hexachloroethane	8.866	117	171906	38.712	ng	100
19) n-Nitroso-di-n-propyla...	8.590	70	312773	38.737	ng	100
20) 3+4-Methylphenols	8.549	107	481148	39.121	ng	100
22) Acetophenone	8.601	105	644124	38.708	ng	100
24) Nitrobenzene	8.972	77	457175	38.997	ng	100
25) Isophorone	9.501	82	893987	38.510	ng	100
26) 2-Nitrophenol	9.678	139	239675	39.837	ng	100
27) 2,4-Dimethylphenol	9.743	122	408572	39.489	ng	100
28) bis(2-Chloroethoxy)met...	9.972	93	540282	38.502	ng	100
29) 2,4-Dichlorophenol	10.213	162	405233	39.427	ng	100
30) 1,2,4-Trichlorobenzene	10.425	180	434105	38.529	ng	100
31) Naphthalene	10.613	128	1326839	38.472	ng	100
32) Benzoic acid	9.872	122	301281	39.537	ng	100
33) 4-Chloroaniline	10.713	127	599466	39.350	ng	100
34) Hexachlorobutadiene	10.901	225	271549	38.700	ng	100
35) Caprolactam	11.495	113	145175	38.520	ng	100
36) 4-Chloro-3-methylphenol	11.837	107	459473	38.959	ng	100
37) 2-Methylnaphthalene	12.219	142	865427	38.559	ng	100
38) 1-Methylnaphthalene	12.437	142	909865	38.120	ng	100
40) 1,2,4,5-Tetrachloroben...	12.590	216	494141	38.787	ng	100
41) Hexachlorocyclopentadiene	12.572	237	307015	39.896	ng	100
43) 2,4,6-Trichlorophenol	12.825	196	337157	39.201	ng	100

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025396.D
Acq On : 14 Aug 2025 15:19
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

Quant Time: Aug 14 17:55:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.895	196	373880	39.664	ng	100
46) 1,1'-Biphenyl	13.231	154	1242247	38.777	ng	100
47) 2-Chloronaphthalene	13.272	162	970903	38.930	ng	100
48) 2-Nitroaniline	13.472	65	291341	40.092	ng	100
49) Acenaphthylene	14.125	152	1593636	38.617	ng	100
50) Dimethylphthalate	13.860	163	1237666	38.316	ng	100
51) 2,6-Dinitrotoluene	13.966	165	272750	40.061	ng	100
52) Acenaphthene	14.466	154	918569	37.921	ng	100
53) 3-Nitroaniline	14.301	138	301417	39.349	ng	100
54) 2,4-Dinitrophenol	14.507	184	144100	39.633	ng	100
55) Dibenzofuran	14.807	168	1479220	38.624	ng	100
56) 4-Nitrophenol	14.613	139	246542	39.168	ng	100
57) 2,4-Dinitrotoluene	14.766	165	386189	39.757	ng	100
58) Fluorene	15.466	166	1151825	38.115	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.036	232	324396	38.975	ng	100
60) Diethylphthalate	15.236	149	1264740	38.533	ng	100
61) 4-Chlorophenyl-phenyle...	15.460	204	574546	38.228	ng	100
62) 4-Nitroaniline	15.478	138	309740	39.443	ng	100
63) Azobenzene	15.754	77	1091004	38.820	ng	100
65) 4,6-Dinitro-2-methylph...	15.542	198	217153	39.384	ng	100
66) n-Nitrosodiphenylamine	15.678	169	1045170	38.749	ng	100
67) 4-Bromophenyl-phenylether	16.372	248	376864	38.739	ng	100
68) Hexachlorobenzene	16.489	284	428361	37.986	ng	100
69) Atrazine	16.654	200	386256	38.238	ng	100
70) Pentachlorophenol	16.842	266	278412	39.110	ng	100
71) Phenanthrene	17.242	178	1839191	37.851	ng	100
72) Anthracene	17.336	178	1908189	38.456	ng	100
73) Carbazole	17.613	167	1781890	38.125	ng	100
74) Di-n-butylphthalate	18.207	149	2201043	38.277	ng	100
75) Fluoranthene	19.324	202	2172758	37.488	ng	100
77) Benzidine	19.513	184	1738926	56.665	ng	100
78) Pyrene	19.701	202	2290461	39.189	ng	100
80) Butylbenzylphthalate	20.648	149	1041998	39.338	ng	100
81) Benzo(a)anthracene	21.630	228	2280774	38.460	ng	100
82) 3,3'-Dichlorobenzidine	21.542	252	877708	39.266	ng	100
83) Chrysene	21.695	228	2125866	38.278	ng	100
84) Bis(2-ethylhexyl)phtha...	21.583	149	1493804	38.310	ng	100
85) Di-n-octyl phthalate	22.871	149	2597558	38.730	ng	100
87) Indeno(1,2,3-cd)pyrene	28.865	276	2884713m	38.470	ng	
88) Benzo(b)fluoranthene	23.954	252	2318198	38.462	ng	100
89) Benzo(k)fluoranthene	24.030	252	2309091	38.285	ng	100
90) Benzo(a)pyrene	24.854	252	2265862	38.620	ng	100
91) Dibenzo(a,h)anthracene	28.953	278	2363840	38.589	ng	100
92) Benzo(g,h,i)perylene	30.059	276	2327292	38.654	ng	100

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

ICAL Form

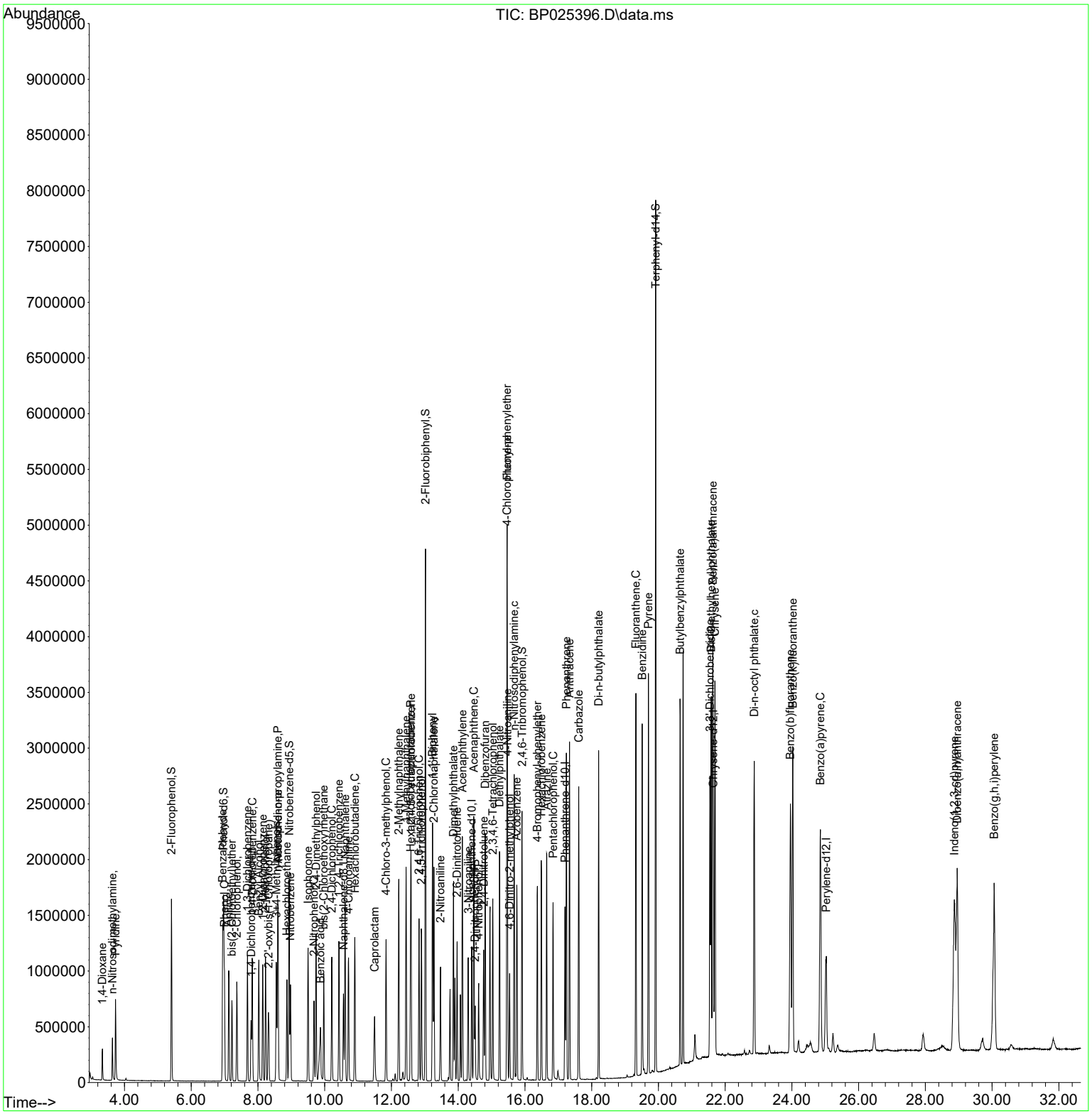
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025396.D
Acq On : 14 Aug 2025 15:19
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 14 17:55:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025397.D
Acq On : 14 Aug 2025 16:01
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 14 17:57:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.790	152	137945	20.000	ng	0.00
21) Naphthalene-d8	10.560	136	573916	20.000	ng	0.00
39) Acenaphthene-d10	14.407	164	376731	20.000	ng	0.00
64) Phenanthrene-d10	17.201	188	753705	20.000	ng	0.00
76) Chrysene-d12	21.648	240	801742	20.000	ng	0.00
86) Perylene-d12	25.036	264	918939	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	855256	102.963	ng	0.00
7) Phenol-d6	6.966	99	1131869	106.283	ng	0.00
23) Nitrobenzene-d5	8.937	82	1201601	105.910	ng	0.00
42) 2,4,6-Tribromophenol	15.913	330	539295	106.352	ng	0.00
45) 2-Fluorobiphenyl	13.019	172	2856639	103.632	ng	0.00
79) Terphenyl-d14	19.925	244	4409094	100.615	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.331	88	165184	50.769	ng	98
3) Pyridine	3.725	79	454022	50.983	ng	97
4) n-Nitrosodimethylamine	3.631	42	192837	52.524	ng	99
6) Aniline	7.125	93	756782	52.743	ng	100
8) 2-Chlorophenol	7.366	128	492570	52.550	ng	99
9) Benzaldehyde	6.943	77	435174	58.325	ng	97
10) Phenol	6.996	94	588764	52.687	ng	99
11) bis(2-Chloroethyl)ether	7.219	93	455697	52.320	ng	99
12) 1,3-Dichlorobenzene	7.684	146	536261	51.884	ng	99
13) 1,4-Dichlorobenzene	7.825	146	550541	52.113	ng	99
14) 1,2-Dichlorobenzene	8.143	146	528750	51.705	ng	99
15) Benzyl Alcohol	8.025	79	443889	52.458	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.319	45	603716	51.742	ng	99
17) 2-Methylphenol	8.225	107	412974	53.211	ng	98
18) Hexachloroethane	8.866	117	202672	52.178	ng	96
19) n-Nitroso-di-n-propyla...	8.590	70	363151	51.419	ng	98
20) 3+4-Methylphenols	8.549	107	565208	52.538	ng	99
22) Acetophenone	8.602	105	750308	52.131	ng	100
24) Nitrobenzene	8.978	77	537647	53.024	ng	98
25) Isophorone	9.502	82	1047736	52.182	ng	99
26) 2-Nitrophenol	9.678	139	282682	54.323	ng	98
27) 2,4-Dimethylphenol	9.737	122	481502	53.806	ng	97
28) bis(2-Chloroethoxy)met...	9.972	93	630027	51.909	ng	99
29) 2,4-Dichlorophenol	10.213	162	475406	53.478	ng	99
30) 1,2,4-Trichlorobenzene	10.431	180	507724	52.101	ng	99
31) Naphthalene	10.607	128	1560240	52.305	ng	100
32) Benzoic acid	9.884	122	357706	54.274	ng	96
33) 4-Chloroaniline	10.713	127	705562	53.548	ng	99
34) Hexachlorobutadiene	10.902	225	312163	51.436	ng	98
35) Caprolactam	11.502	113	172663	52.969	ng	94
36) 4-Chloro-3-methylphenol	11.843	107	534583	52.407	ng	100
37) 2-Methylnaphthalene	12.219	142	1003813	51.710	ng	99
38) 1-Methylnaphthalene	12.443	142	1076949	52.167	ng	99
40) 1,2,4,5-Tetrachloroben...	12.590	216	574152	52.769	ng	99
41) Hexachlorocyclopentadiene	12.572	237	364047	55.392	ng	98
43) 2,4,6-Trichlorophenol	12.831	196	396440	53.971	ng	99

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025397.D
Acq On : 14 Aug 2025 16:01
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

Quant Time: Aug 14 17:57:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.896	196	430061	53.421	ng	99
46) 1,1'-Biphenyl	13.231	154	1447968	52.922	ng	99
47) 2-Chloronaphthalene	13.272	162	1114922	52.344	ng	99
48) 2-Nitroaniline	13.472	65	338939	54.613	ng	98
49) Acenaphthylene	14.125	152	1875998	53.227	ng	100
50) Dimethylphthalate	13.860	163	1424127	51.622	ng	100
51) 2,6-Dinitrotoluene	13.966	165	312149	53.683	ng	97
52) Acenaphthene	14.472	154	1087721	52.577	ng	98
53) 3-Nitroaniline	14.301	138	362030	55.339	ng	99
54) 2,4-Dinitrophenol	14.507	184	175453	56.503	ng	98
55) Dibenzofuran	14.813	168	1705630	52.147	ng	99
56) 4-Nitrophenol	14.619	139	296227	55.103	ng	98
57) 2,4-Dinitrotoluene	14.766	165	450923	54.354	ng	97
58) Fluorene	15.466	166	1332448	51.627	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.043	232	378743	53.281	ng	99
60) Diethylphthalate	15.243	149	1450033	51.728	ng	99
61) 4-Chlorophenyl-phenyle...	15.466	204	650101	50.647	ng	99
62) 4-Nitroaniline	15.478	138	364030	54.278	ng	99
63) Azobenzene	15.760	77	1262576	52.602	ng	99
65) 4,6-Dinitro-2-methylph...	15.542	198	262126	55.792	ng	98
66) n-Nitrosodiphenylamine	15.678	169	1195077	51.997	ng	100
67) 4-Bromophenyl-phenylether	16.372	248	433740	52.325	ng	99
68) Hexachlorobenzene	16.495	284	497906	51.816	ng	97
69) Atrazine	16.654	200	451704	52.479	ng	98
70) Pentachlorophenol	16.842	266	332839	54.872	ng	97
71) Phenanthrene	17.248	178	2139431	51.673	ng	100
72) Anthracene	17.337	178	2214911	52.385	ng	100
73) Carbazole	17.613	167	2093175	52.559	ng	99
74) Di-n-butylphthalate	18.213	149	2589522	52.849	ng	99
75) Fluoranthene	19.325	202	2563702	51.910	ng	99
77) Benzidine	19.513	184	1330198	48.615	ng	99
78) Pyrene	19.701	202	2644850	50.754	ng	100
80) Butylbenzylphthalate	20.660	149	1231376	52.139	ng	98
81) Benzo(a)anthracene	21.630	228	2723006	51.499	ng	100
82) 3,3'-Dichlorobenzidine	21.548	252	1043476	52.357	ng	99
83) Chrysene	21.701	228	2565856	51.817	ng	99
84) Bis(2-ethylhexyl)phtha...	21.577	149	1805478	51.933	ng	100
85) Di-n-octyl phthalate	22.877	149	3150824	52.690	ng	100
87) Indeno(1,2,3-cd)pyrene	28.859	276	3604179m	53.463	ng	
88) Benzo(b)fluoranthene	23.960	252	2870971	52.982	ng	100
89) Benzo(k)fluoranthene	24.042	252	2817276	51.956	ng	99
90) Benzo(a)pyrene	24.877	252	2800880	53.100	ng	99
91) Dibenzo(a,h)anthracene	28.965	278	2962622	53.795	ng	98
92) Benzo(g,h,i)perylene	30.053	276	2866689m	52.960	ng	

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

ICAL Form

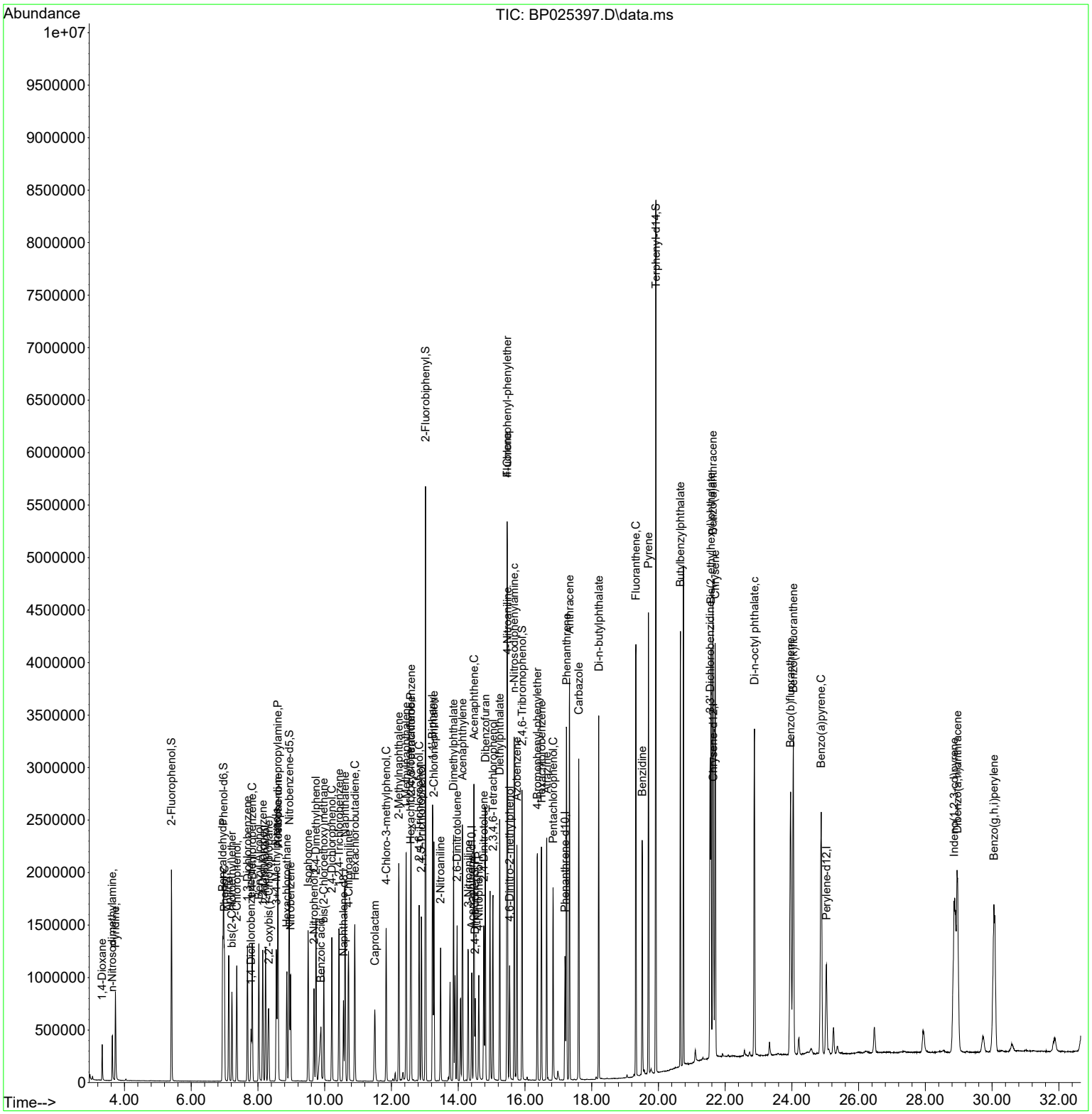
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025397.D
Acq On : 14 Aug 2025 16:01
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 14 17:57:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025398.D
Acq On : 14 Aug 2025 16:42
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Quant Time: Aug 14 17:58:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.790	152	162248	20.000	ng		0.00
21) Naphthalene-d8	10.566	136	693237	20.000	ng		0.00
39) Acenaphthene-d10	14.413	164	460439	20.000	ng		0.00
64) Phenanthrene-d10	17.213	188	923402	20.000	ng		0.01
76) Chrysene-d12	21.666	240	926019	20.000	ng		0.02
86) Perylene-d12	25.042	264	1081163	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.408	112	1193329	122.144	ng		0.00
7) Phenol-d6	6.972	99	1566626	125.072	ng		0.00
23) Nitrobenzene-d5	8.931	82	1698557	123.944	ng		0.00
42) 2,4,6-Tribromophenol	15.925	330	760738	122.748	ng		0.01
45) 2-Fluorobiphenyl	13.025	172	3963871	117.656	ng		0.00
79) Terphenyl-d14	19.930	244	5896004	116.490	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.337	88	225015	58.799	ng		99
3) Pyridine	3.731	79	623639	59.539	ng		97
4) n-Nitrosodimethylamine	3.637	42	269971	62.518	ng		100
6) Aniline	7.125	93	1053232	62.408	ng		99
8) 2-Chlorophenol	7.366	128	688094	62.413	ng		100
9) Benzaldehyde	6.943	77	489205	55.745	ng		97
10) Phenol	7.002	94	821863	62.530	ng		98
11) bis(2-Chloroethyl)ether	7.219	93	634374	61.925	ng		99
12) 1,3-Dichlorobenzene	7.684	146	744884	61.273	ng		99
13) 1,4-Dichlorobenzene	7.825	146	751354	60.469	ng		100
14) 1,2-Dichlorobenzene	8.143	146	723663	60.165	ng		99
15) Benzyl Alcohol	8.025	79	627198	63.019	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.313	45	846896	61.712	ng		99
17) 2-Methylphenol	8.225	107	579471	63.480	ng		99
18) Hexachloroethane	8.866	117	281129	61.535	ng		95
19) n-Nitroso-di-n-propyla...	8.590	70	507223	61.060	ng		98
20) 3+4-Methylphenols	8.555	107	798107	63.075	ng		96
22) Acetophenone	8.602	105	1051848	60.503	ng	#	99
24) Nitrobenzene	8.978	77	752762	61.461	ng		98
25) Isophorone	9.502	82	1475193	60.825	ng		99
26) 2-Nitrophenol	9.678	139	405821	64.564	ng		98
27) 2,4-Dimethylphenol	9.743	122	675186	62.463	ng		100
28) bis(2-Chloroethoxy)met...	9.972	93	894872	61.040	ng		99
29) 2,4-Dichlorophenol	10.213	162	673952	62.764	ng		99
30) 1,2,4-Trichlorobenzene	10.425	180	715954	60.823	ng		98
31) Naphthalene	10.613	128	2187912	60.722	ng		100
32) Benzoic acid	9.907	122	530609	66.651	ng		98
33) 4-Chloroaniline	10.713	127	993155	62.401	ng		99
34) Hexachlorobutadiene	10.901	225	442929	60.421	ng		100
35) Caprolactam	11.513	113	241521	61.340	ng		95
36) 4-Chloro-3-methylphenol	11.843	107	764338	62.033	ng		98
37) 2-Methylnaphthalene	12.219	142	1418882	60.511	ng		99
38) 1-Methylnaphthalene	12.437	142	1494304	59.925	ng		100
40) 1,2,4,5-Tetrachloroben...	12.590	216	802737	60.365	ng		100
41) Hexachlorocyclopentadiene	12.572	237	536440	66.784	ng		99
43) 2,4,6-Trichlorophenol	12.831	196	564165	62.841	ng		99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025398.D
Acq On : 14 Aug 2025 16:42
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Quant Time: Aug 14 17:58:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	12.901	196	619246	62.937	ng	97
46)	1,1'-Biphenyl	13.237	154	1996186	59.695	ng	99
47)	2-Chloronaphthalene	13.272	162	1577577	60.600	ng	99
48)	2-Nitroaniline	13.472	65	485429	63.996	ng	100
49)	Acenaphthylene	14.131	152	2634005	61.147	ng	99
50)	Dimethylphthalate	13.866	163	2042324	60.572	ng	99
51)	2,6-Dinitrotoluene	13.972	165	446520	62.831	ng	100
52)	Acenaphthene	14.478	154	1527191	60.399	ng	100
53)	3-Nitroaniline	14.301	138	506373	63.331	ng	96
54)	2,4-Dinitrophenol	14.519	184	265089	69.849	ng	98
55)	Dibenzofuran	14.819	168	2387933	59.734	ng	100
56)	4-Nitrophenol	14.625	139	419801	63.893	ng	99
57)	2,4-Dinitrotoluene	14.778	165	650054	64.112	ng	96
58)	Fluorene	15.478	166	1836972	58.236	ng	99
59)	2,3,4,6-Tetrachlorophenol	15.042	232	541317	62.307	ng	100
60)	Diethylphthalate	15.254	149	2015888	58.840	ng	99
61)	4-Chlorophenyl-phenyle...	15.472	204	926280	59.044	ng	99
62)	4-Nitroaniline	15.489	138	510438	62.272	ng	99
63)	Azobenzene	15.766	77	1796580	61.242	ng	99
65)	4,6-Dinitro-2-methylph...	15.554	198	385873	67.038	ng	98
66)	n-Nitrosodiphenylamine	15.684	169	1674806	59.478	ng	99
67)	4-Bromophenyl-phenylether	16.378	248	616767	60.731	ng	97
68)	Hexachlorobenzene	16.501	284	711778	60.461	ng	100
69)	Atrazine	16.666	200	633381	60.063	ng	99
70)	Pentachlorophenol	16.854	266	474276	63.820	ng	97
71)	Phenanthrene	17.260	178	3006132	59.263	ng	100
72)	Anthracene	17.342	178	3050794	58.895	ng	99
73)	Carbazole	17.625	167	2916606	59.776	ng	99
74)	Di-n-butylphthalate	18.219	149	3560427	59.310	ng	100
75)	Fluoranthene	19.342	202	3563798	58.899	ng	99
77)	Benzidine	19.525	184	1690432	53.489	ng	99
78)	Pyrene	19.713	202	3664453	60.883	ng	100
80)	Butylbenzylphthalate	20.660	149	1710246	62.697	ng	99
81)	Benzo(a)anthracene	21.648	228	3702064	60.619	ng	99
82)	3,3'-Dichlorobenzidine	21.554	252	1405597	61.062	ng	100
83)	Chrysene	21.707	228	3453736	60.387	ng	99
84)	Bis(2-ethylhexyl)phtha...	21.583	149	2450963	61.038	ng	100
85)	Di-n-octyl phthalate	22.883	149	4342211	62.869	ng	100
87)	Indeno(1,2,3-cd)pyrene	28.901	276	4937235	62.248	ng	96
88)	Benzo(b)fluoranthene	23.960	252	3883465	60.914	ng	99
89)	Benzo(k)fluoranthene	24.036	252	3912900	61.334	ng	99
90)	Benzo(a)pyrene	24.883	252	3845093	61.959	ng	99
91)	Dibenzo(a,h)anthracene	28.977	278	4035414	62.280	ng	98
92)	Benzo(g,h,i)perylene	30.083	276	3958545	62.159	ng	100

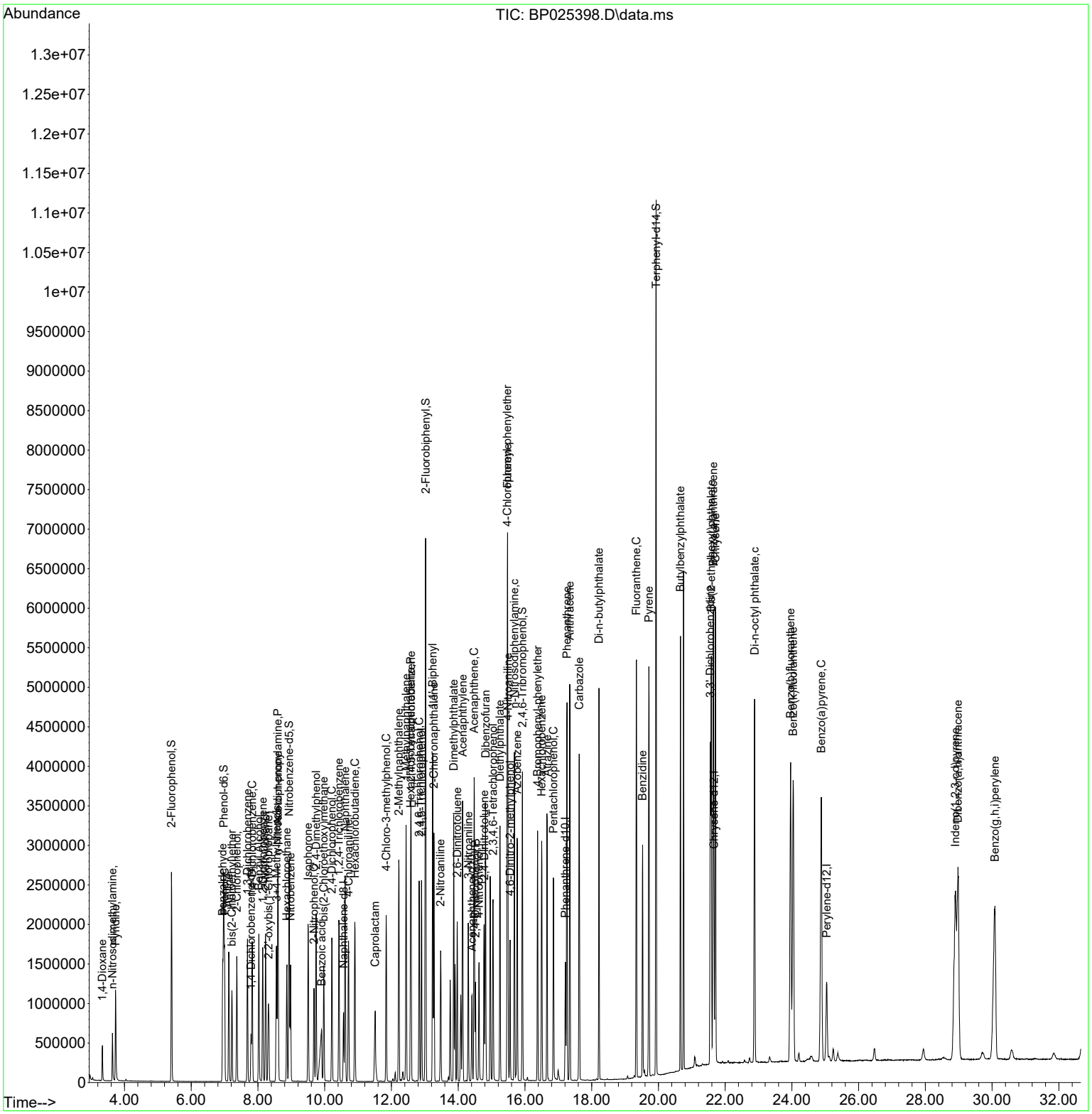
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025398.D
Acq On : 14 Aug 2025 16:42
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Quant Time: Aug 14 17:58:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025399.D
Acq On : 14 Aug 2025 17:24
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Quant Time: Aug 14 17:59:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.796	152	159148	20.000	ng	0.00
21) Naphthalene-d8	10.566	136	673018	20.000	ng	0.00
39) Acenaphthene-d10	14.401	164	436046	20.000	ng	0.00
64) Phenanthrene-d10	17.201	188	856946	20.000	ng	# 0.00
76) Chrysene-d12	21.660	240	888879	20.000	ng	0.01
86) Perylene-d12	25.030	264	1037707	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.408	112	1526166	159.254	ng	0.00
7) Phenol-d6	6.972	99	1989633	161.937	ng	0.00
23) Nitrobenzene-d5	8.937	82	2123522	159.609	ng	0.00
42) 2,4,6-Tribromophenol	15.913	330	936489	159.559	ng	0.00
45) 2-Fluorobiphenyl	13.019	172	4712591	147.705	ng	0.00
79) Terphenyl-d14	19.930	244	7103816	146.217	ng	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.337	88	291527	77.664	ng	99
3) Pyridine	3.731	79	807269	78.572	ng	97
4) n-Nitrosodimethylamine	3.637	42	344349	81.296	ng	99
6) Aniline	7.131	93	1333221	80.538	ng	100
8) 2-Chlorophenol	7.372	128	877073	81.104	ng	99
9) Benzaldehyde	6.943	77	582344	67.651	ng	98
10) Phenol	7.002	94	1040534	80.710	ng	98
11) bis(2-Chloroethyl)ether	7.219	93	798672	79.481	ng	99
12) 1,3-Dichlorobenzene	7.684	146	950596	79.718	ng	98
13) 1,4-Dichlorobenzene	7.825	146	961421	78.882	ng	99
14) 1,2-Dichlorobenzene	8.143	146	922658	78.203	ng	99
15) Benzyl Alcohol	8.031	79	795618	81.498	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.319	45	1059824	78.732	ng	99
17) 2-Methylphenol	8.225	107	734482	82.028	ng	100
18) Hexachloroethane	8.866	117	355791	79.395	ng	94
19) n-Nitroso-di-n-propyla...	8.596	70	636387	78.102	ng	99
20) 3+4-Methylphenols	8.555	107	1005632	81.023	ng	97
22) Acetophenone	8.607	105	1314548	77.886	ng	99
24) Nitrobenzene	8.978	77	947511	79.686	ng	99
25) Isophorone	9.507	82	1829675	77.708	ng	99
26) 2-Nitrophenol	9.678	139	511806	83.872	ng	99
27) 2,4-Dimethylphenol	9.743	122	842467	80.280	ng	100
28) bis(2-Chloroethoxy)met...	9.972	93	1103640	77.542	ng	99
29) 2,4-Dichlorophenol	10.213	162	844787	81.037	ng	99
30) 1,2,4-Trichlorobenzene	10.425	180	892771	78.123	ng	98
31) Naphthalene	10.613	128	2722703	77.835	ng	99
32) Benzoic acid	9.901	122	686791	88.861	ng	99
33) 4-Chloroaniline	10.713	127	1232431	79.761	ng	100
34) Hexachlorobutadiene	10.901	225	557922	78.393	ng	99
35) Caprolactam	11.519	113	302874	79.233	ng	95
36) 4-Chloro-3-methylphenol	11.843	107	949779	79.399	ng	99
37) 2-Methylnaphthalene	12.213	142	1761325	77.372	ng	99
38) 1-Methylnaphthalene	12.437	142	1844376	76.186	ng	99
40) 1,2,4,5-Tetrachloroben...	12.584	216	995064	79.014	ng	100
41) Hexachlorocyclopentadiene	12.572	237	668771	87.916	ng	99
43) 2,4,6-Trichlorophenol	12.825	196	706484	83.096	ng	98

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025399.D
Acq On : 14 Aug 2025 17:24
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

Quant Time: Aug 14 17:59:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.901	196	762861	81.870	ng	99
46) 1,1'-Biphenyl	13.231	154	2453536	77.476	ng	99
47) 2-Chloronaphthalene	13.272	162	1918120	77.804	ng	100
48) 2-Nitroaniline	13.472	65	594696	82.788	ng	96
49) Acenaphthylene	14.125	152	3194918	78.318	ng	100
50) Dimethylphthalate	13.860	163	2446951	76.632	ng	99
51) 2,6-Dinitrotoluene	13.972	165	542710	80.639	ng	99
52) Acenaphthene	14.472	154	1841448	76.902	ng	99
53) 3-Nitroaniline	14.301	138	618087	81.627	ng	100
54) 2,4-Dinitrophenol	14.507	184	339125	94.356	ng	100
55) Dibenzofuran	14.807	168	2915933	77.023	ng	99
56) 4-Nitrophenol	14.619	139	520294	83.618	ng	96
57) 2,4-Dinitrotoluene	14.766	165	791214	82.399	ng	99
58) Fluorene	15.466	166	2185593	73.164	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.031	232	661890	80.448	ng	100
60) Diethylphthalate	15.242	149	2494087	76.870	ng	100
61) 4-Chlorophenyl-phenyle...	15.460	204	1105157	74.388	ng	97
62) 4-Nitroaniline	15.484	138	626525	80.710	ng	97
63) Azobenzene	15.760	77	2139674	77.017	ng	99
65) 4,6-Dinitro-2-methylph...	15.542	198	472602	88.473	ng	93
66) n-Nitrosodiphenylamine	15.678	169	2034782	77.866	ng	100
67) 4-Bromophenyl-phenylether	16.372	248	745915	79.144	ng	98
68) Hexachlorobenzene	16.495	284	860051	78.721	ng	97
69) Atrazine	16.654	200	783533	80.064	ng	98
70) Pentachlorophenol	16.842	266	589673	85.502	ng	98
71) Phenanthrene	17.242	178	3623454	76.972	ng	99
72) Anthracene	17.336	178	3702277	77.014	ng	99
73) Carbazole	17.607	167	3503273	77.368	ng	99
74) Di-n-butylphthalate	18.219	149	4336701	77.844	ng	100
75) Fluoranthene	19.330	202	4313301	76.815	ng	99
77) Benzidine	19.525	184	2036246	67.124	ng	99
78) Pyrene	19.707	202	4410693	76.343	ng	99
80) Butylbenzylphthalate	20.660	149	2054404	78.460	ng	97
81) Benzo(a)anthracene	21.642	228	4532763	77.322	ng	100
82) 3,3'-Dichlorobenzidine	21.554	252	1705746	77.197	ng	100
83) Chrysene	21.707	228	4218161	76.835	ng	99
84) Bis(2-ethylhexyl)phtha...	21.583	149	3021891	78.400	ng	100
85) Di-n-octyl phthalate	22.877	149	5302080	79.974	ng	100
87) Indeno(1,2,3-cd)pyrene	28.895	276	6168570m	81.030	ng	
88) Benzo(b)fluoranthene	23.977	252	4876398	79.692	ng	100
89) Benzo(k)fluoranthene	24.054	252	4734637	77.323	ng	99
90) Benzo(a)pyrene	24.889	252	4735685	79.505	ng	99
91) Dibenzo(a,h)anthracene	28.983	278	5046260	81.142	ng	99
92) Benzo(g,h,i)perylene	30.106	276	4949477	80.973	ng	98

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

ICAL Form

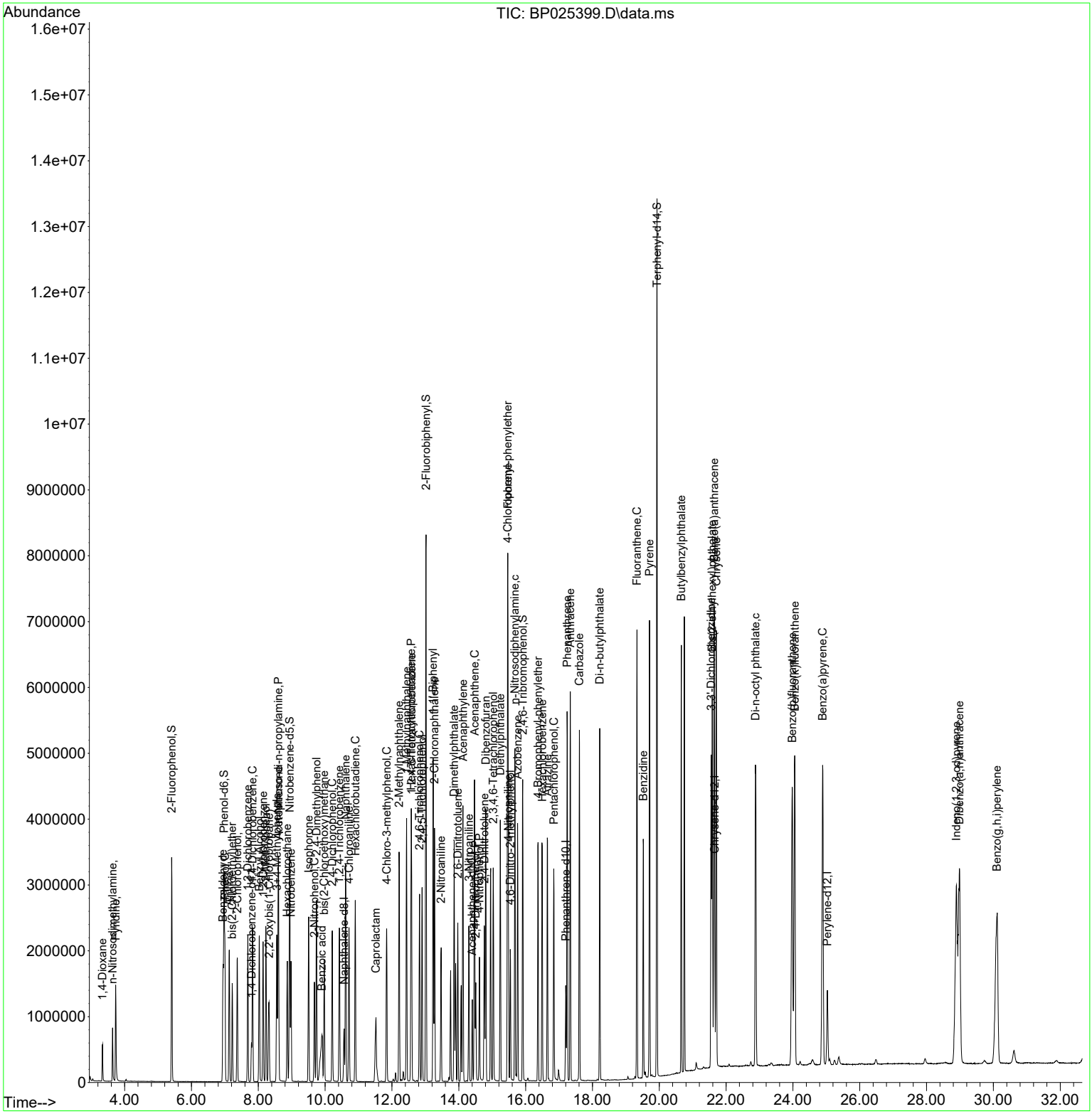
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025399.D
Acq On : 14 Aug 2025 17:24
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Aug 14 17:59:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 17:44:43 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025400.D
Acq On : 14 Aug 2025 18:05
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/15/2025
Supervised By :Jagrut Upadhyay 08/15/2025

Quant Time: Aug 14 18:24:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.790	152	174007	20.000	ng		0.00
21) Naphthalene-d8	10.566	136	750079	20.000	ng		0.00
39) Acenaphthene-d10	14.407	164	503239	20.000	ng		0.00
64) Phenanthrene-d10	17.213	188	1034378	20.000	ng		0.01
76) Chrysene-d12	21.654	240	1060337	20.000	ng		0.00
86) Perylene-d12	25.024	264	1200519	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.408	112	727486	69.430	ng		0.00
7) Phenol-d6	6.966	99	962695	71.663	ng		0.00
23) Nitrobenzene-d5	8.937	82	984441	66.391	ng		0.00
42) 2,4,6-Tribromophenol	15.919	330	484870	71.582	ng		0.00
45) 2-Fluorobiphenyl	13.025	172	2430828	66.016	ng		0.00
79) Terphenyl-d14	19.936	244	3848160	66.399	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.331	88	138687	33.792	ng		99
3) Pyridine	3.731	79	403298	35.901	ng		98
4) n-Nitrosodimethylamine	3.631	42	176521	38.115	ng		98
6) Aniline	7.125	93	690437	38.147	ng		99
8) 2-Chlorophenol	7.366	128	455230	38.501	ng		99
9) Benzaldehyde	6.943	77	321335	34.142	ng		96
10) Phenol	6.996	94	541123	38.388	ng		99
11) bis(2-Chloroethyl)ether	7.219	93	421318	38.348	ng		99
12) 1,3-Dichlorobenzene	7.684	146	492014	37.738	ng		100
13) 1,4-Dichlorobenzene	7.825	146	504919	37.890	ng		97
14) 1,2-Dichlorobenzene	8.143	146	487845	37.818	ng		99
15) Benzyl Alcohol	8.025	79	416544	39.025	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.319	45	563276	38.271	ng		99
17) 2-Methylphenol	8.225	107	380608	38.877	ng		100
18) Hexachloroethane	8.866	117	186691	38.103	ng		97
19) n-Nitroso-di-n-propyla...	8.590	70	340533	38.270	ng		99
20) 3+4-Methylphenols	8.549	107	524095	38.620	ng		99
22) Acetophenone	8.602	105	718869	38.216	ng	#	99
24) Nitrobenzene	8.978	77	494466	37.313	ng		98
25) Isophorone	9.501	82	993378	37.855	ng		99
26) 2-Nitrophenol	9.678	139	263348	38.722	ng		97
27) 2,4-Dimethylphenol	9.743	122	455078	38.910	ng		99
28) bis(2-Chloroethoxy)met...	9.972	93	599862	37.816	ng		99
29) 2,4-Dichlorophenol	10.213	162	449034	38.649	ng		98
30) 1,2,4-Trichlorobenzene	10.431	180	474183	37.231	ng		98
31) Naphthalene	10.613	128	1459279	37.431	ng		99
32) Benzoic acid	9.884	122	330207	38.242	ng		96
33) 4-Chloroaniline	10.713	127	655135	38.043	ng		99
34) Hexachlorobutadiene	10.901	225	293728	37.031	ng		98
35) Caprolactam	11.501	113	163211	38.310	ng		98
36) 4-Chloro-3-methylphenol	11.837	107	517126	38.789	ng		98
37) 2-Methylnaphthalene	12.219	142	960146	37.845	ng		99
38) 1-Methylnaphthalene	12.443	142	1012844	37.539	ng		99
40) 1,2,4,5-Tetrachloroben...	12.590	216	550777	37.895	ng		100
41) Hexachlorocyclopentadiene	12.572	237	351819	40.074	ng		100
43) 2,4,6-Trichlorophenol	12.831	196	382393	38.972	ng		98

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025400.D
Acq On : 14 Aug 2025 18:05
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP081425

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.901	196	420565	39.108	ng	99
46) 1,1'-Biphenyl	13.237	154	1376834	37.672	ng	99
47) 2-Chloronaphthalene	13.272	162	1072147	37.682	ng	99
48) 2-Nitroaniline	13.472	65	323995	39.081	ng	99
49) Acenaphthylene	14.125	152	1775899	37.720	ng	100
50) Dimethylphthalate	13.860	163	1406620	38.170	ng	100
51) 2,6-Dinitrotoluene	13.972	165	304562	39.211	ng	98
52) Acenaphthene	14.472	154	1018011m	36.837	ng	
53) 3-Nitroaniline	14.301	138	349791	40.027	ng	98
54) 2,4-Dinitrophenol	14.507	184	172743	41.646	ng	100
55) Dibenzofuran	14.813	168	1630744	37.324	ng	100
56) 4-Nitrophenol	14.619	139	284585	39.630	ng	99
57) 2,4-Dinitrotoluene	14.772	165	448143	40.439	ng	98
58) Fluorene	15.478	166	1275341	36.992	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.036	232	371715	39.147	ng	99
60) Diethylphthalate	15.242	149	1415787	37.810	ng	99
61) 4-Chlorophenyl-phenyle...	15.472	204	627477	36.596	ng	99
62) 4-Nitroaniline	15.484	138	346865	38.717	ng	99
63) Azobenzene	15.766	77	1235242	38.526	ng	99
65) 4,6-Dinitro-2-methylph...	15.548	198	256111	39.721	ng	99
66) n-Nitrosodiphenylamine	15.684	169	1174244	37.227	ng	100
67) 4-Bromophenyl-phenylether	16.378	248	422072	37.101	ng	96
68) Hexachlorobenzene	16.501	284	488749	37.062	ng	98
69) Atrazine	16.660	200	449555	38.057	ng	100
70) Pentachlorophenol	16.854	266	322435	38.733	ng	98
71) Phenanthrene	17.254	178	2070873	36.445	ng	99
72) Anthracene	17.342	178	2179669	37.563	ng	100
73) Carbazole	17.619	167	2028595	37.116	ng	100
74) Di-n-butylphthalate	18.225	149	2528547	37.602	ng	100
75) Fluoranthene	19.342	202	2540417	37.481	ng	99
77) Benzidine	19.519	184	1529656	42.271	ng	99
78) Pyrene	19.713	202	2577810	37.404	ng	99
80) Butylbenzylphthalate	20.660	149	1199445	38.401	ng	98
81) Benzo(a)anthracene	21.636	228	2583866	36.950	ng	99
82) 3,3'-Dichlorobenzidine	21.554	252	1002597	38.038	ng	99
83) Chrysene	21.701	228	2446197	37.353	ng	99
84) Bis(2-ethylhexyl)phtha...	21.583	149	1780746	38.729	ng	100
85) Di-n-octyl phthalate	22.877	149	2998528	37.915	ng	100
87) Indeno(1,2,3-cd)pyrene	28.877	276	3267965	37.119	ng	94
88) Benzo(b)fluoranthene	23.971	252	2616701	36.964	ng	100
89) Benzo(k)fluoranthene	24.042	252	2653905	37.464	ng	99
90) Benzo(a)pyrene	24.871	252	2560692	37.160	ng	100
91) Dibenzo(a,h)anthracene	28.948	278	2697336	37.490	ng	99
92) Benzo(g,h,i)perylene	30.089	276	2632085	37.216	ng	98

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

ICAL Form

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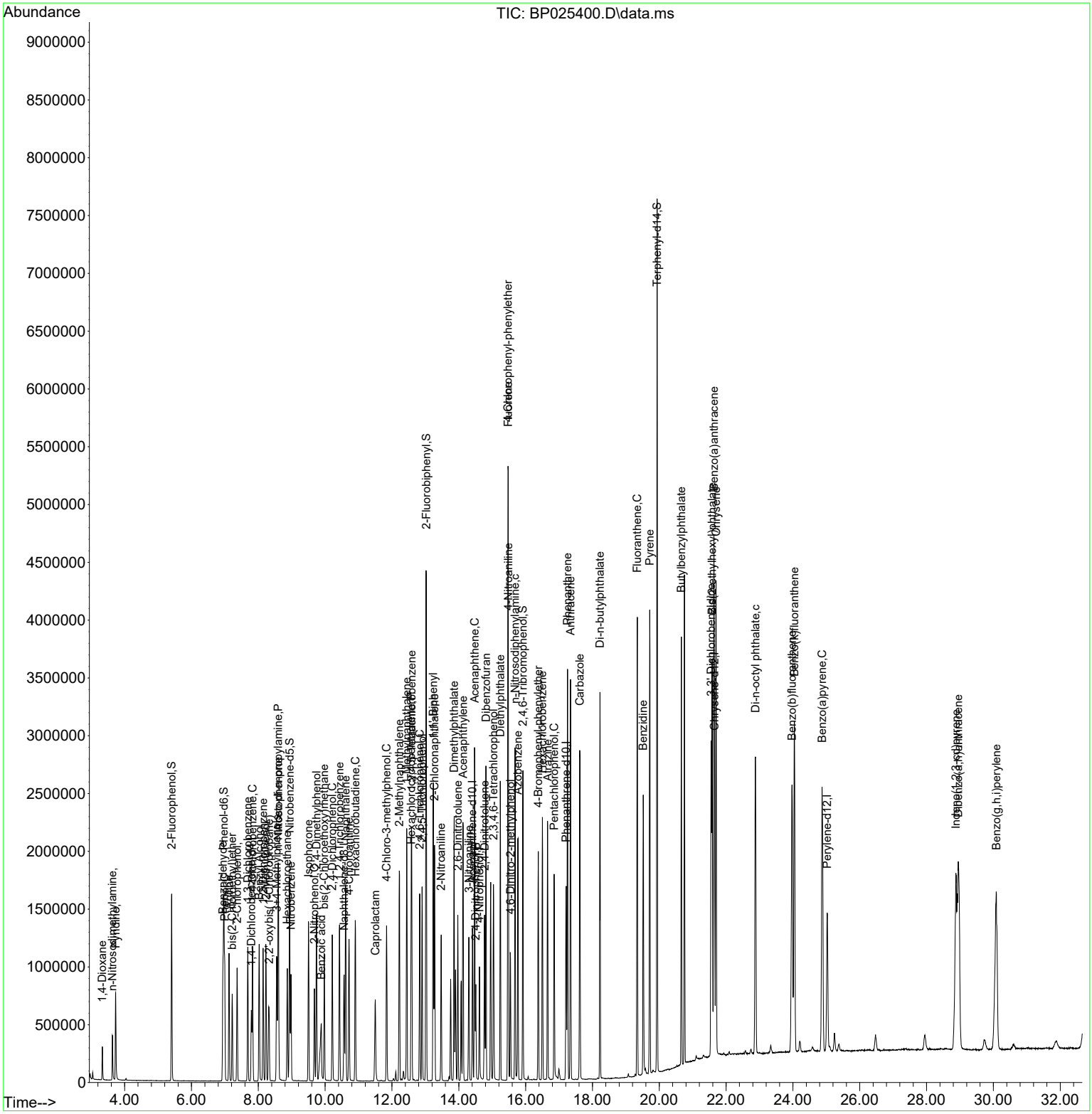

Evaluate Continuing Calibration Report

ICAL Form

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Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	110	0.00
2		1,4-Dioxane	0.472	0.399	15.5	99	0.00
3		Pyridine	1.291	1.159	10.2	105	0.00
4		n-Nitrosodimethylamine	0.532	0.507	4.7	109	0.00
5	S	2-Fluorophenol	1.204	1.045	13.2	99	0.00
6		Aniline	2.080	1.984	4.6	108	0.00
7	S	Phenol-d6	1.544	1.383	10.4	101	0.00
8		2-Chlorophenol	1.359	1.308	3.8	110	0.00
9		Benzaldehyde	1.082	0.923	14.7	75	0.00
10	C	Phenol	1.620	1.555	4.0	109	0.00
11		bis(2-Chloroethyl)ether	1.263	1.211	4.1	109	0.00
12		1,3-Dichlorobenzene	1.499	1.414	5.7	108	0.00
13	C	1,4-Dichlorobenzene	1.532	1.451	5.3	109	0.00
14		1,2-Dichlorobenzene	1.483	1.402	5.5	108	0.00
15		Benzyl Alcohol	1.227	1.197	2.4	111	0.00
16		2,2'-oxybis(1-Chloropropane	1.692	1.619	4.3	110	0.00
17		2-Methylphenol	1.125	1.094	2.8	109	0.00
18		Hexachloroethane	0.563	0.536	4.8	109	0.00
19	P	n-Nitroso-di-n-propylamine	1.023	0.979	4.3	109	0.00
20		3+4-Methylphenols	1.560	1.506	3.5	109	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	113	0.00
22		Acetophenone	0.502	0.479	4.6	112	0.00
23	S	Nitrobenzene-d5	0.395	0.328	17.0	97	0.00
24		Nitrobenzene	0.353	0.330	6.5	108	0.00
25		Isophorone	0.700	0.662	5.4	111	0.00
26	C	2-Nitrophenol	0.181	0.176	2.8	110	0.00
27		2,4-Dimethylphenol	0.312	0.303	2.9	111	0.00
28		bis(2-Chloroethoxy)methane	0.423	0.400	5.4	111	0.00
29	C	2,4-Dichlorophenol	0.310	0.299	3.5	111	0.00
30		1,2,4-Trichlorobenzene	0.340	0.316	7.1	109	0.00
31		Naphthalene	1.040	0.973	6.4	110	0.00
32		Benzoic acid	0.230	0.220	4.3	110	0.01
33		4-Chloroaniline	0.459	0.437	4.8	109	0.00
34	C	Hexachlorobutadiene	0.211	0.196	7.1	108	0.00
35		Caprolactam	0.114	0.109	4.4	112	0.00
36	C	4-Chloro-3-methylphenol	0.355	0.345	2.8	113	0.00
37		2-Methylnaphthalene	0.676	0.640	5.3	111	0.00
38		1-Methylnaphthalene	0.719	0.675	6.1	111	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	114	0.00
40		1,2,4,5-Tetrachlorobenzene	0.578	0.547	5.4	111	0.00
41	P	Hexachlorocyclopentadiene	0.349	0.350	-0.3	115	0.00
42	S	2,4,6-Tribromophenol	0.269	0.241	10.4	105	0.00
43	C	2,4,6-Trichlorophenol	0.390	0.380	2.6	113	0.00
44		2,4,5-Trichlorophenol	0.427	0.418	2.1	112	0.00
45	S	2-Fluorobiphenyl	1.463	1.208	17.4	99	0.00
46		1,1'-Biphenyl	1.453	1.368	5.8	111	0.00
47		2-Chloronaphthalene	1.131	1.065	5.8	110	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48		2-Nitroaniline	0.329	0.322	2.1	111	0.00
49		Acenaphthylene	1.871	1.764	5.7	111	0.00
50		Dimethylphthalate	1.465	1.398	4.6	114	0.00
51		2,6-Dinitrotoluene	0.309	0.303	1.9	112	0.00
52	C	Acenaphthene	1.098	1.011	7.9	111	0.00
53		3-Nitroaniline	0.347	0.348	-0.3	116	0.00
54	P	2,4-Dinitrophenol	0.165	0.172	-4.2	120	0.00
55		Dibenzofuran	1.736	1.620	6.7	110	0.00
56	P	4-Nitrophenol	0.285	0.283	0.7	115	0.00
57		2,4-Dinitrotoluene	0.440	0.445	-1.1	116	0.00
58		Fluorene	1.370	1.267	7.5	111	0.01
59		2,3,4,6-Tetrachlorophenol	0.377	0.369	2.1	115	0.00
60		Diethylphthalate	1.488	1.407	5.4	112	0.00
61		4-Chlorophenyl-phenylether	0.681	0.623	8.5	109	0.01
62		4-Nitroaniline	0.356	0.345	3.1	112	0.00
63		Azobenzene	1.274	1.227	3.7	113	0.01
64	I	Phenanthrene-d10	1.000	1.000	0.0	117	0.01
65		4,6-Dinitro-2-methylphenol	0.125	0.124	0.8	118	0.00
66	c	n-Nitrosodiphenylamine	0.610	0.568	6.9	112	0.00
67		4-Bromophenyl-phenylether	0.220	0.204	7.3	112	0.00
68		Hexachlorobenzene	0.255	0.236	7.5	114	0.01
69		Atrazine	0.228	0.217	4.8	116	0.00
70	C	Pentachlorophenol	0.161	0.156	3.1	116	0.01
71		Phenanthrene	1.099	1.001	8.9	113	0.01
72		Anthracene	1.122	1.054	6.1	114	0.00
73		Carbazole	1.057	0.981	7.2	114	0.00
74		Di-n-butylphthalate	1.300	1.222	6.0	115	0.02
75	C	Fluoranthene	1.311	1.228	6.3	117	0.02
76	I	Chrysene-d12	1.000	1.000	0.0	118	0.00
77		Benzidine	0.683	0.721	-5.6	88	0.00
78		Pyrene	1.300	1.216	6.5	113	0.01
79	S	Terphenyl-d14	1.093	0.907	17.0	102	0.02
80		Butylbenzylphthalate	0.589	0.566	3.9	115	0.01
81		Benzo(a)anthracene	1.319	1.218	7.7	113	0.00
82		3,3'-Dichlorobenzidine	0.497	0.473	4.8	114	0.01
83		Chrysene	1.235	1.153	6.6	115	0.00
84		Bis(2-ethylhexyl)phthalate	0.867	0.840	3.1	119	0.00
85	c	Di-n-octyl phthalate	1.492	1.414	5.2	115	0.00
86	I	Perylene-d12	1.000	1.000	0.0	117	0.00
87		Indeno(1,2,3-cd)pyrene	1.467	1.361	7.2	113	0.01
88		Benzo(b)fluoranthene	1.179	1.090	7.5	113	0.02
89		Benzo(k)fluoranthene	1.180	1.105	6.4	115	0.01
90	C	Benzo(a)pyrene	1.148	1.066	7.1	113	0.02
91		Dibenzo(a,h)anthracene	1.199	1.123	6.3	114	0.00
92		Benzo(g,h,i)perylene	1.178	1.096	7.0	113	0.03

ICAL Form

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Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

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		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	110	0.00
2		1,4-Dioxane	40.000	33.792	15.5	99	0.00
3		Pyridine	40.000	35.901	10.2	105	0.00
4		n-Nitrosodimethylamine	40.000	38.115	4.7	109	0.00
5	S	2-Fluorophenol	80.000	69.430	13.2	99	0.00
6		Aniline	40.000	38.147	4.6	108	0.00
7	S	Phenol-d6	80.000	71.663	10.4	101	0.00
8		2-Chlorophenol	40.000	38.501	3.7	110	0.00
9		Benzaldehyde	40.000	34.142	14.6	75	0.00
10	C	Phenol	40.000	38.388	4.0	109	0.00
11		bis(2-Chloroethyl)ether	40.000	38.348	4.1	109	0.00
12		1,3-Dichlorobenzene	40.000	37.738	5.7	108	0.00
13	C	1,4-Dichlorobenzene	40.000	37.890	5.3	109	0.00
14		1,2-Dichlorobenzene	40.000	37.818	5.5	108	0.00
15		Benzyl Alcohol	40.000	39.025	2.4	111	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	38.271	4.3	110	0.00
17		2-Methylphenol	40.000	38.877	2.8	109	0.00
18		Hexachloroethane	40.000	38.103	4.7	109	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	38.270	4.3	109	0.00
20		3+4-Methylphenols	40.000	38.620	3.5	109	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	113	0.00
22		Acetophenone	40.000	38.216	4.5	112	0.00
23	S	Nitrobenzene-d5	80.000	66.391	17.0	97	0.00
24		Nitrobenzene	40.000	37.313	6.7	108	0.00
25		Isophorone	40.000	37.855	5.4	111	0.00
26	C	2-Nitrophenol	40.000	38.722	3.2	110	0.00
27		2,4-Dimethylphenol	40.000	38.910	2.7	111	0.00
28		bis(2-Chloroethoxy)methane	40.000	37.816	5.5	111	0.00
29	C	2,4-Dichlorophenol	40.000	38.649	3.4	111	0.00
30		1,2,4-Trichlorobenzene	40.000	37.231	6.9	109	0.00
31		Naphthalene	40.000	37.431	6.4	110	0.00
32		Benzoic acid	40.000	38.242	4.4	110	0.01
33		4-Chloroaniline	40.000	38.043	4.9	109	0.00
34	C	Hexachlorobutadiene	40.000	37.031	7.4	108	0.00
35		Caprolactam	40.000	38.310	4.2	112	0.00
36	C	4-Chloro-3-methylphenol	40.000	38.789	3.0	113	0.00
37		2-Methylnaphthalene	40.000	37.845	5.4	111	0.00
38		1-Methylnaphthalene	40.000	37.539	6.2	111	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	114	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	37.895	5.3	111	0.00
41	P	Hexachlorocyclopentadiene	40.000	40.074	-0.2	115	0.00
42	S	2,4,6-Tribromophenol	80.000	71.582	10.5	105	0.00
43	C	2,4,6-Trichlorophenol	40.000	38.972	2.6	113	0.00
44		2,4,5-Trichlorophenol	40.000	39.108	2.2	112	0.00
45	S	2-Fluorobiphenyl	80.000	66.016	17.5	99	0.00
46		1,1'-Biphenyl	40.000	37.672	5.8	111	0.00
47		2-Chloronaphthalene	40.000	37.682	5.8	110	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025400.D
Acq On : 14 Aug 2025 18:05
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Quant Time: Aug 14 18:24:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48		2-Nitroaniline	40.000	39.081	2.3	111	0.00
49		Acenaphthylene	40.000	37.720	5.7	111	0.00
50		Dimethylphthalate	40.000	38.170	4.6	114	0.00
51		2,6-Dinitrotoluene	40.000	39.211	2.0	112	0.00
52	C	Acenaphthene	40.000	36.837	7.9	111	0.00
53		3-Nitroaniline	40.000	40.027	-0.1	116	0.00
54	P	2,4-Dinitrophenol	40.000	41.646	-4.1	120	0.00
55		Dibenzofuran	40.000	37.324	6.7	110	0.00
56	P	4-Nitrophenol	40.000	39.630	0.9	115	0.00
57		2,4-Dinitrotoluene	40.000	40.439	-1.1	116	0.00
58		Fluorene	40.000	36.992	7.5	111	0.01
59		2,3,4,6-Tetrachlorophenol	40.000	39.147	2.1	115	0.00
60		Diethylphthalate	40.000	37.810	5.5	112	0.00
61		4-Chlorophenyl-phenylether	40.000	36.596	8.5	109	0.01
62		4-Nitroaniline	40.000	38.717	3.2	112	0.00
63		Azobenzene	40.000	38.526	3.7	113	0.01
64	I	Phenanthrene-d10	20.000	20.000	0.0	117	0.01
65		4,6-Dinitro-2-methylphenol	40.000	39.721	0.7	118	0.00
66	c	n-Nitrosodiphenylamine	40.000	37.227	6.9	112	0.00
67		4-Bromophenyl-phenylether	40.000	37.101	7.2	112	0.00
68		Hexachlorobenzene	40.000	37.062	7.3	114	0.01
69		Atrazine	40.000	38.057	4.9	116	0.00
70	C	Pentachlorophenol	40.000	38.733	3.2	116	0.01
71		Phenanthrene	40.000	36.445	8.9	113	0.01
72		Anthracene	40.000	37.563	6.1	114	0.00
73		Carbazole	40.000	37.116	7.2	114	0.00
74		Di-n-butylphthalate	40.000	37.602	6.0	115	0.02
75	C	Fluoranthene	40.000	37.481	6.3	117	0.02
76	I	Chrysene-d12	20.000	20.000	0.0	118	0.00
77		Benzidine	40.000	42.271	-5.7	88	0.00
78		Pyrene	40.000	37.404	6.5	113	0.01
79	S	Terphenyl-d14	80.000	66.399	17.0	102	0.02
80		Butylbenzylphthalate	40.000	38.401	4.0	115	0.01
81		Benzo(a)anthracene	40.000	36.950	7.6	113	0.00
82		3,3'-Dichlorobenzidine	40.000	38.038	4.9	114	0.01
83		Chrysene	40.000	37.353	6.6	115	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	38.729	3.2	119	0.00
85	c	Di-n-octyl phthalate	40.000	37.915	5.2	115	0.00
86	I	Perylene-d12	20.000	20.000	0.0	117	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	37.119	7.2	113	0.01
88		Benzo(b)fluoranthene	40.000	36.964	7.6	113	0.02
89		Benzo(k)fluoranthene	40.000	37.464	6.3	115	0.01
90	C	Benzo(a)pyrene	40.000	37.160	7.1	113	0.02
91		Dibenzo(a,h)anthracene	40.000	37.490	6.3	114	0.00
92		Benzo(g,h,i)perylene	40.000	37.216	7.0	113	0.03

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025400.D
Acq On : 14 Aug 2025 18:05
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP081425

Quant Time: Aug 14 18:24:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Raw Data: **BP025561.D**

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q2921

Instrument ID: BNA_P Calibration Date/Time: 08/25/2025 12:13

Lab File ID: BP025561.D Init. Calib. Date(s): 08/14/2025 08/14/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:33 17:24

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.204	1.230		2.2	
Benzaldehyde	1.082	1.338		23.7	
Phenol-d6	1.544	1.578		2.2	
Phenol	1.620	1.637		1.0	20.0
bis(2-Chloroethyl)ether	1.263	1.249		-1.1	
2-Chlorophenol	1.359	1.362		0.2	
2-Methylphenol	1.125	1.108		-1.5	
2,2-oxybis(1-Chloropropane)	1.692	1.716		1.4	
Acetophenone	0.502	0.490		-2.4	
3+4-Methylphenols	1.560	1.501		-3.8	
n-Nitroso-di-n-propylamine	1.023	0.970	0.050	-5.2	
Nitrobenzene-d5	0.395	0.399		1.0	
Hexachloroethane	0.563	0.547		-2.8	
Nitrobenzene	0.353	0.358		1.4	
Isophorone	0.700	0.668		-4.6	
2-Nitrophenol	0.181	0.186		2.8	20.0
2,4-Dimethylphenol	0.312	0.304		-2.6	
bis(2-Chloroethoxy)methane	0.423	0.405		-4.3	
2,4-Dichlorophenol	0.310	0.306		-1.3	20.0
Naphthalene	1.040	1.011		-2.8	
4-Chloroaniline	0.459	0.446		-2.8	
Hexachlorobutadiene	0.211	0.197		-6.6	20.0
Caprolactam	0.114	0.111		-2.6	
4-Chloro-3-methylphenol	0.355	0.342		-3.7	20.0
2-Methylnaphthalene	0.676	0.636		-5.9	
Hexachlorocyclopentadiene	0.349	0.387	0.050	10.9	
2,4,6-Trichlorophenol	0.390	0.396		1.5	20.0
2-Fluorobiphenyl	1.463	1.453		-0.7	
2,4,5-Trichlorophenol	0.427	0.435		1.9	
1,1-Biphenyl	1.453	1.456		0.2	
2-Chloronaphthalene	1.131	1.146		1.3	
2-Nitroaniline	0.329	0.351		6.7	
Dimethylphthalate	1.465	1.428		-2.5	
Acenaphthylene	1.871	1.872		0.1	
2,6-Dinitrotoluene	0.309	0.318		2.9	
3-Nitroaniline	0.347	0.364		4.9	
Acenaphthene	1.098	1.074		-2.2	20.0
2,4-Dinitrophenol	0.165	0.220	0.050	33.3	
4-Nitrophenol	0.285	0.297	0.050	4.2	

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q2921

Instrument ID: BNA_P Calibration Date/Time: 08/25/2025 12:13

Lab File ID: BP025561.D Init. Calib. Date(s): 08/14/2025 08/14/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:33 17:24

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.736	1.714		-1.3	
2,4-Dinitrotoluene	0.440	0.461		4.8	
Diethylphthalate	1.488	1.451		-2.5	
4-Chlorophenyl-phenylether	0.681	0.659		-3.2	
Fluorene	1.370	1.353		-1.2	
4-Nitroaniline	0.356	0.380		6.7	
4,6-Dinitro-2-methylphenol	0.125	0.147		17.6	
n-Nitrosodiphenylamine	0.610	0.601		-1.5	20.0
2,4,6-Tribromophenol	0.269	0.270		0.4	
4-Bromophenyl-phenylether	0.220	0.213		-3.2	
Hexachlorobenzene	0.255	0.243		-4.7	
Atrazine	0.228	0.221		-3.1	
Pentachlorophenol	0.161	0.156		-3.1	20.0
Phenanthrene	1.099	1.083		-1.5	
Anthracene	1.122	1.113		-0.8	
Carbazole	1.057	1.061		0.4	
Di-n-butylphthalate	1.300	1.268		-2.5	
Fluoranthene	1.311	1.276		-2.7	20.0
Pyrene	1.300	1.273		-2.1	
Terphenyl-d14	1.093	1.041		-4.8	
Butylbenzylphthalate	0.589	0.574		-2.5	
3,3-Dichlorobenzidine	0.497	0.487		-2.0	
Chrysene	1.235	1.205		-2.4	
Bis(2-ethylhexyl)phthalate	0.867	0.799		-7.8	
Di-n-octyl phthalate	1.492	1.388		-7.0	20.0
Indeno(1,2,3-cd)pyrene	1.467	1.451		-1.1	
Dibenzo(a,h)anthracene	1.199	1.203		0.3	
1,2,4,5-Tetrachlorobenzene	0.578	0.586		1.4	
1,4-Dioxane	0.472	0.466		-1.3	20.0
2,3,4,6-Tetrachlorophenol	0.377	0.380		0.8	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082525\
Data File : BP025561.D
Acq On : 25 Aug 2025 12:13
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Aug 25 12:43:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.766	152	176050	20.000	ng		-0.03
21) Naphthalene-d8	10.537	136	715069	20.000	ng		-0.02
39) Acenaphthene-d10	14.390	164	441846	20.000	ng		-0.02
64) Phenanthrene-d10	17.189	188	900532	20.000	ng		#-0.01
76) Chrysene-d12	21.630	240	945335	20.000	ng		-0.02
86) Perylene-d12	25.001	264	1072626	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.384	112	866207	81.710	ng		-0.02
7) Phenol-d6	6.949	99	1111241	81.761	ng		-0.02
23) Nitrobenzene-d5	8.908	82	1142153	80.798	ng		-0.03
42) 2,4,6-Tribromophenol	15.901	330	477313	80.257	ng		-0.01
45) 2-Fluorobiphenyl	12.996	172	2568085	79.434	ng		-0.02
79) Terphenyl-d14	19.919	244	3938138	76.218	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.314	88	164004	39.496	ng		98
3) Pyridine	3.714	79	447513	39.375	ng		96
4) n-Nitrosodimethylamine	3.620	42	202647	43.249	ng		99
6) Aniline	7.096	93	730840	39.910	ng		99
8) 2-Chlorophenol	7.343	128	479663	40.097	ng		99
9) Benzaldehyde	6.914	77	471200	49.484	ng		97
10) Phenol	6.978	94	576274	40.408	ng		99
11) bis(2-Chloroethyl)ether	7.190	93	439926	39.577	ng		98
12) 1,3-Dichlorobenzene	7.661	146	522527	39.613	ng		99
13) 1,4-Dichlorobenzene	7.802	146	531141	39.395	ng		98
14) 1,2-Dichlorobenzene	8.113	146	511007	39.154	ng		99
15) Benzyl Alcohol	8.002	79	419439	38.840	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.290	45	604113	40.570	ng		98
17) 2-Methylphenol	8.208	107	390244	39.399	ng		99
18) Hexachloroethane	8.837	117	192610	38.854	ng		98
19) n-Nitroso-di-n-propyla...	8.560	70	341386	37.921	ng		97
20) 3+4-Methylphenols	8.531	107	528509	38.494	ng		96
22) Acetophenone	8.578	105	700808	39.080	ng	#	99
24) Nitrobenzene	8.949	77	511679	40.502	ng		99
25) Isophorone	9.472	82	954970	38.173	ng		99
26) 2-Nitrophenol	9.655	139	265575	40.961	ng		96
27) 2,4-Dimethylphenol	9.713	122	435257	39.037	ng		99
28) bis(2-Chloroethoxy)met...	9.943	93	579558	38.325	ng		99
29) 2,4-Dichlorophenol	10.190	162	438318	39.573	ng		98
30) 1,2,4-Trichlorobenzene	10.402	180	461861	38.039	ng		98
31) Naphthalene	10.584	128	1445521	38.894	ng		100
32) Benzoic acid	9.860	122	318836	38.733	ng		98
33) 4-Chloroaniline	10.690	127	637942	38.859	ng		99
34) Hexachlorobutadiene	10.872	225	282057	37.301	ng		99
35) Caprolactam	11.478	113	158398	39.001	ng		98
36) 4-Chloro-3-methylphenol	11.819	107	489418	38.508	ng		98
37) 2-Methylnaphthalene	12.190	142	909060	37.585	ng		100
38) 1-Methylnaphthalene	12.413	142	972421	37.806	ng		99
40) 1,2,4,5-Tetrachloroben...	12.566	216	517533	40.556	ng		99
41) Hexachlorocyclopentadiene	12.543	237	341951	44.362	ng		98
43) 2,4,6-Trichlorophenol	12.807	196	350304	40.662	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082525\
Data File : BP025561.D
Acq On : 25 Aug 2025 12:13
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Aug 25 12:43:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

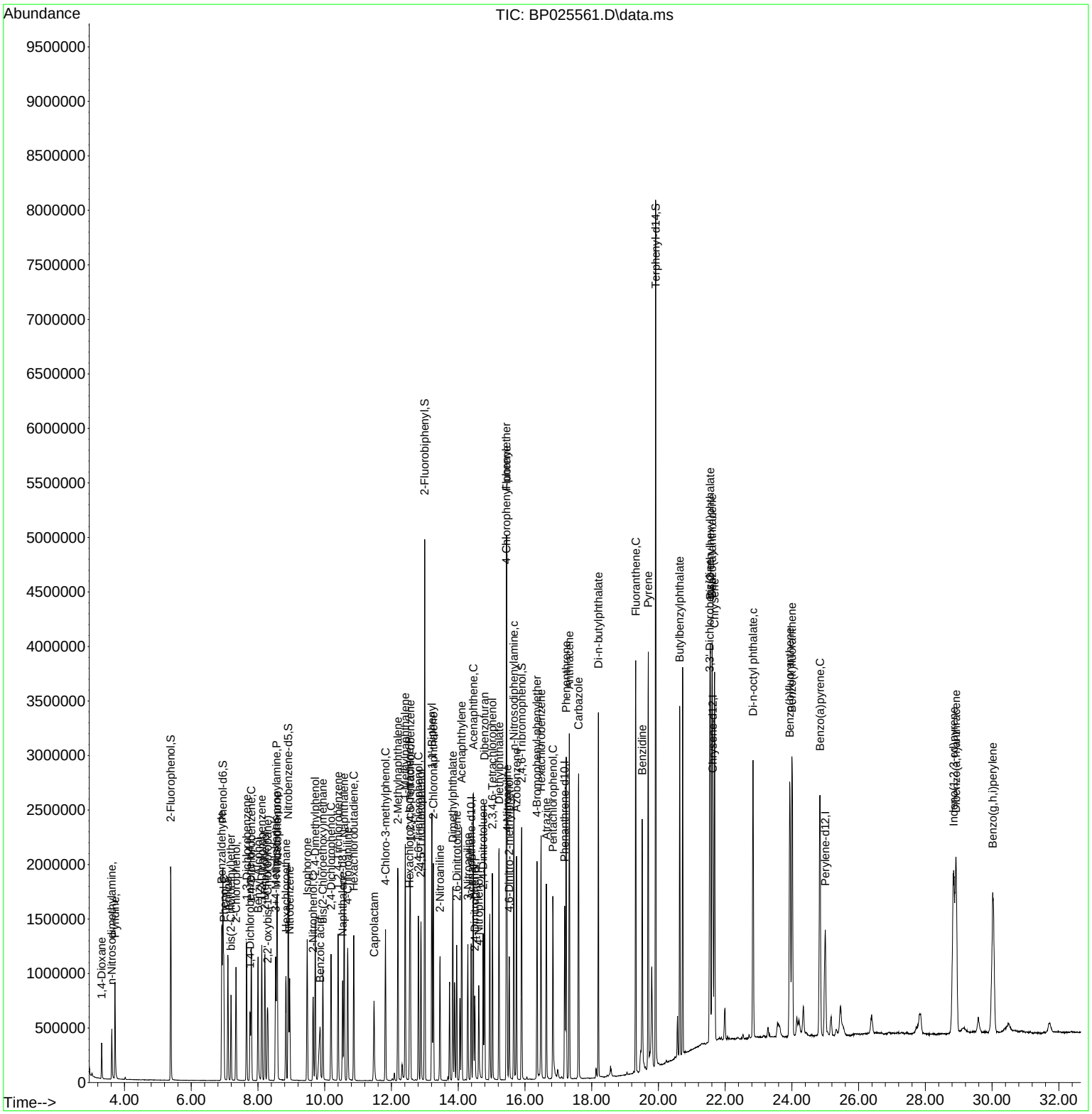
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.884	196	384419	40.714	ng		98
46) 1,1'-Biphenyl	13.213	154	1286448	40.089	ng		100
47) 2-Chloronaphthalene	13.254	162	1012747	40.540	ng		98
48) 2-Nitroaniline	13.454	65	310261	42.624	ng		97
49) Acenaphthylene	14.101	152	1654557	40.026	ng		100
50) Dimethylphthalate	13.837	163	1261530	38.989	ng		100
51) 2,6-Dinitrotoluene	13.954	165	280736	41.166	ng		99
52) Acenaphthene	14.454	154	949333	39.125	ng		100
53) 3-Nitroaniline	14.290	138	321796	41.940	ng		99
54) 2,4-Dinitrophenol	14.495	184	194290	53.348	ng		98
55) Dibenzofuran	14.790	168	1515005	39.493	ng		98
56) 4-Nitrophenol	14.619	139	262827	41.685	ng		97
57) 2,4-Dinitrotoluene	14.748	165	407706	41.902	ng		99
58) Fluorene	15.448	166	1195914	39.508	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.025	232	335646	40.260	ng		99
60) Diethylphthalate	15.225	149	1282145	38.998	ng		98
61) 4-Chlorophenyl-phenyle...	15.442	204	582242	38.676	ng		99
62) 4-Nitroaniline	15.466	138	335838	42.695	ng		96
63) Azobenzene	15.748	77	1144968	40.672	ng		98
65) 4,6-Dinitro-2-methylph...	15.531	198	263920	47.015	ng		93
66) n-Nitrosodiphenylamine	15.666	169	1082642	39.425	ng		99
67) 4-Bromophenyl-phenylether	16.360	248	383257	38.696	ng		95
68) Hexachlorobenzene	16.484	284	437353	38.094	ng		98
69) Atrazine	16.642	200	398927	38.790	ng		98
70) Pentachlorophenol	16.837	266	281026	38.776	ng		98
71) Phenanthrene	17.236	178	1950284	39.424	ng		99
72) Anthracene	17.331	178	2005437	39.697	ng		100
73) Carbazole	17.607	167	1910675	40.154	ng		99
74) Di-n-butylphthalate	18.201	149	2284164	39.016	ng		99
75) Fluoranthene	19.319	202	2298328	38.949	ng		100
77) Benzidine	19.513	184	1385115	42.933	ng		100
78) Pyrene	19.695	202	2407357	39.180	ng		99
80) Butylbenzylphthalate	20.636	149	1084601	38.948	ng		98
81) Benzo(a)anthracene	21.607	228	2424158	38.883	ng		100
82) 3,3'-Dichlorobenzidine	21.536	252	921505	39.214	ng		99
83) Chrysene	21.683	228	2278817	39.030	ng		99
84) Bis(2-ethylhexyl)phtha...	21.554	149	1511370	36.870	ng		100
85) Di-n-octyl phthalate	22.836	149	2624413	37.221	ng		98
87) Indeno(1,2,3-cd)pyrene	28.848	276	3113666	39.583	ng	#	88
88) Benzo(b)fluoranthene	23.936	252	2453244	38.787	ng		100
89) Benzo(k)fluoranthene	24.001	252	2502757	39.543	ng		99
90) Benzo(a)pyrene	24.842	252	2445905	39.726	ng		99
91) Dibenzo(a,h)anthracene	28.918	278	2581244	40.154	ng		98
92) Benzo(g,h,i)perylene	30.018	276	2517967	39.848	ng		99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082525\
Data File : BP025561.D
Acq On : 25 Aug 2025 12:13
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Aug 25 12:43:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration



Sample Results: **BP025561.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082525\
Data File : BP025561.D
Acq On : 25 Aug 2025 12:13
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Aug 25 12:43:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	112	-0.03
2		1,4-Dioxane	0.472	0.466	1.3	117	-0.02
3		Pyridine	1.291	1.271	1.5	116	-0.02
4		n-Nitrosodimethylamine	0.532	0.576	-8.3	126	-0.02
5	S	2-Fluorophenol	1.204	1.230	-2.2	118	-0.02
6		Aniline	2.080	2.076	0.2	115	-0.03
7	S	Phenol-d6	1.544	1.578	-2.2	116	-0.02
8		2-Chlorophenol	1.359	1.362	-0.2	116	-0.02
9		Benzaldehyde	1.082	1.338	-23.7	109	-0.03
10	C	Phenol	1.620	1.637	-1.0	116	-0.02
11		bis(2-Chloroethyl)ether	1.263	1.249	1.1	114	-0.03
12		1,3-Dichlorobenzene	1.499	1.484	1.0	115	-0.02
13	C	1,4-Dichlorobenzene	1.532	1.508	1.6	115	-0.03
14		1,2-Dichlorobenzene	1.483	1.451	2.2	113	-0.03
15		Benzyl Alcohol	1.227	1.191	2.9	111	-0.02
16		2,2'-oxybis(1-Chloropropane	1.692	1.716	-1.4	118	-0.02
17		2-Methylphenol	1.125	1.108	1.5	112	-0.02
18		Hexachloroethane	0.563	0.547	2.8	112	-0.03
19	P	n-Nitroso-di-n-propylamine	1.023	0.970	5.2	109	-0.03
20		3+4-Methylphenols	1.560	1.501	3.8	110	-0.02
21	I	Naphthalene-d8	1.000	1.000	0.0	108	-0.02
22		Acetophenone	0.502	0.490	2.4	109	-0.02
23	S	Nitrobenzene-d5	0.395	0.399	-1.0	112	-0.03
24		Nitrobenzene	0.353	0.358	-1.4	112	-0.02
25		Isophorone	0.700	0.668	4.6	107	-0.03
26	C	2-Nitrophenol	0.181	0.186	-2.8	111	-0.02
27		2,4-Dimethylphenol	0.312	0.304	2.6	107	-0.03
28		bis(2-Chloroethoxy)methane	0.423	0.405	4.3	107	-0.03
29	C	2,4-Dichlorophenol	0.310	0.306	1.3	108	-0.02
30		1,2,4-Trichlorobenzene	0.340	0.323	5.0	106	-0.02
31		Naphthalene	1.040	1.011	2.8	109	-0.03
32		Benzoic acid	0.230	0.223	3.0	106	-0.01
33		4-Chloroaniline	0.459	0.446	2.8	106	-0.02
34	C	Hexachlorobutadiene	0.211	0.197	6.6	104	-0.03
35		Caprolactam	0.114	0.111	2.6	109	-0.02
36	C	4-Chloro-3-methylphenol	0.355	0.342	3.7	107	-0.02
37		2-Methylnaphthalene	0.676	0.636	5.9	105	-0.03
38		1-Methylnaphthalene	0.719	0.680	5.4	107	-0.02
39	I	Acenaphthene-d10	1.000	1.000	0.0	100	-0.02
40		1,2,4,5-Tetrachlorobenzene	0.578	0.586	-1.4	105	-0.02
41	P	Hexachlorocyclopentadiene	0.349	0.387	-10.9	111	-0.03
42	S	2,4,6-Tribromophenol	0.269	0.270	-0.4	103	-0.01
43	C	2,4,6-Trichlorophenol	0.390	0.396	-1.5	104	-0.02
44		2,4,5-Trichlorophenol	0.427	0.435	-1.9	103	-0.01
45	S	2-Fluorobiphenyl	1.463	1.453	0.7	105	-0.02
46		1,1'-Biphenyl	1.453	1.456	-0.2	104	-0.02
47		2-Chloronaphthalene	1.131	1.146	-1.3	104	-0.02

Sample Results: **BP025561.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082525\
Data File : BP025561.D
Acq On : 25 Aug 2025 12:13
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Aug 25 12:43:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48		2-Nitroaniline	0.329	0.351	-6.7	106	-0.02
49		Acenaphthylene	1.871	1.872	-0.1	104	-0.02
50		Dimethylphthalate	1.465	1.428	2.5	102	-0.02
51		2,6-Dinitrotoluene	0.309	0.318	-2.9	103	-0.01
52	C	Acenaphthene	1.098	1.074	2.2	103	-0.01
53		3-Nitroaniline	0.347	0.364	-4.9	107	-0.01
54	P	2,4-Dinitrophenol	0.165	0.220	-33.3#	135	-0.01
55		Dibenzofuran	1.736	1.714	1.3	102	-0.02
56	P	4-Nitrophenol	0.285	0.297	-4.2	107	0.00
57		2,4-Dinitrotoluene	0.440	0.461	-4.8	106	-0.02
58		Fluorene	1.370	1.353	1.2	104	-0.02
59		2,3,4,6-Tetrachlorophenol	0.377	0.380	-0.8	103	-0.01
60		Diethylphthalate	1.488	1.451	2.5	101	-0.01
61		4-Chlorophenyl-phenylether	0.681	0.659	3.2	101	-0.02
62		4-Nitroaniline	0.356	0.380	-6.7	108	-0.01
63		Azobenzene	1.274	1.296	-1.7	105	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	102	-0.01
65		4,6-Dinitro-2-methylphenol	0.125	0.147	-17.6	122	-0.01
66	c	n-Nitrosodiphenylamine	0.610	0.601	1.5	104	-0.01
67		4-Bromophenyl-phenylether	0.220	0.213	3.2	102	-0.01
68		Hexachlorobenzene	0.255	0.243	4.7	102	0.00
69		Atrazine	0.228	0.221	3.1	103	-0.01
70	C	Pentachlorophenol	0.161	0.156	3.1	101	0.00
71		Phenanthrene	1.099	1.083	1.5	106	0.00
72		Anthracene	1.122	1.113	0.8	105	0.00
73		Carbazole	1.057	1.061	-0.4	107	0.00
74		Di-n-butylphthalate	1.300	1.268	2.5	104	0.00
75	C	Fluoranthene	1.311	1.276	2.7	106	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	105	-0.02
77		Benzidine	0.683	0.733	-7.3	80	0.00
78		Pyrene	1.300	1.273	2.1	105	0.00
79	S	Terphenyl-d14	1.093	1.041	4.8	105	0.00
80		Butylbenzylphthalate	0.589	0.574	2.5	104	-0.01
81		Benzo(a)anthracene	1.319	1.282	2.8	106	-0.02
82		3,3'-Dichlorobenzidine	0.497	0.487	2.0	105	0.00
83		Chrysene	1.235	1.205	2.4	107	-0.01
84		Bis(2-ethylhexyl)phthalate	0.867	0.799	7.8	101	-0.03
85	c	Di-n-octyl phthalate	1.492	1.388	7.0	101	-0.04
86	I	Perylene-d12	1.000	1.000	0.0	105	-0.03
87		Indeno(1,2,3-cd)pyrene	1.467	1.451	1.1	108	-0.02
88		Benzo(b)fluoranthene	1.179	1.144	3.0	106	-0.02
89		Benzo(k)fluoranthene	1.180	1.167	1.1	108	-0.03
90	C	Benzo(a)pyrene	1.148	1.140	0.7	108	-0.01
91		Dibenzo(a,h)anthracene	1.199	1.203	-0.3	109	-0.04
92		Benzo(g,h,i)perylene	1.178	1.174	0.3	108	-0.04

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082525\
Data File : BP025561.D
Acq On : 25 Aug 2025 12:13
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Aug 25 12:43:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Sample Results: **BP025561.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082525\
Data File : BP025561.D
Acq On : 25 Aug 2025 12:13
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Aug 25 12:43:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	112	-0.03
2		1,4-Dioxane	40.000	39.496	1.3	117	-0.02
3		Pyridine	40.000	39.375	1.6	116	-0.02
4		n-Nitrosodimethylamine	40.000	43.249	-8.1	126	-0.02
5	S	2-Fluorophenol	80.000	81.710	-2.1	118	-0.02
6		Aniline	40.000	39.910	0.2	115	-0.03
7	S	Phenol-d6	80.000	81.761	-2.2	116	-0.02
8		2-Chlorophenol	40.000	40.097	-0.2	116	-0.02
9		Benzaldehyde	40.000	49.484	-23.7	109	-0.03
10	C	Phenol	40.000	40.408	-1.0	116	-0.02
11		bis(2-Chloroethyl)ether	40.000	39.577	1.1	114	-0.03
12		1,3-Dichlorobenzene	40.000	39.613	1.0	115	-0.02
13	C	1,4-Dichlorobenzene	40.000	39.395	1.5	115	-0.03
14		1,2-Dichlorobenzene	40.000	39.154	2.1	113	-0.03
15		Benzyl Alcohol	40.000	38.840	2.9	111	-0.02
16		2,2'-oxybis(1-Chloropropane	40.000	40.570	-1.4	118	-0.02
17		2-Methylphenol	40.000	39.399	1.5	112	-0.02
18		Hexachloroethane	40.000	38.854	2.9	112	-0.03
19	P	n-Nitroso-di-n-propylamine	40.000	37.921	5.2	109	-0.03
20		3+4-Methylphenols	40.000	38.494	3.8	110	-0.02
21	I	Naphthalene-d8	20.000	20.000	0.0	108	-0.02
22		Acetophenone	40.000	39.080	2.3	109	-0.02
23	S	Nitrobenzene-d5	80.000	80.798	-1.0	112	-0.03
24		Nitrobenzene	40.000	40.502	-1.3	112	-0.02
25		Isophorone	40.000	38.173	4.6	107	-0.03
26	C	2-Nitrophenol	40.000	40.961	-2.4	111	-0.02
27		2,4-Dimethylphenol	40.000	39.037	2.4	107	-0.03
28		bis(2-Chloroethoxy)methane	40.000	38.325	4.2	107	-0.03
29	C	2,4-Dichlorophenol	40.000	39.573	1.1	108	-0.02
30		1,2,4-Trichlorobenzene	40.000	38.039	4.9	106	-0.02
31		Naphthalene	40.000	38.894	2.8	109	-0.03
32		Benzoic acid	40.000	38.733	3.2	106	-0.01
33		4-Chloroaniline	40.000	38.859	2.9	106	-0.02
34	C	Hexachlorobutadiene	40.000	37.301	6.7	104	-0.03
35		Caprolactam	40.000	39.001	2.5	109	-0.02
36	C	4-Chloro-3-methylphenol	40.000	38.508	3.7	107	-0.02
37		2-Methylnaphthalene	40.000	37.585	6.0	105	-0.03
38		1-Methylnaphthalene	40.000	37.806	5.5	107	-0.02
39	I	Acenaphthene-d10	20.000	20.000	0.0	100	-0.02
40		1,2,4,5-Tetrachlorobenzene	40.000	40.556	-1.4	105	-0.02
41	P	Hexachlorocyclopentadiene	40.000	44.362	-10.9	111	-0.03
42	S	2,4,6-Tribromophenol	80.000	80.257	-0.3	103	-0.01
43	C	2,4,6-Trichlorophenol	40.000	40.662	-1.7	104	-0.02
44		2,4,5-Trichlorophenol	40.000	40.714	-1.8	103	-0.01
45	S	2-Fluorobiphenyl	80.000	79.434	0.7	105	-0.02
46		1,1'-Biphenyl	40.000	40.089	-0.2	104	-0.02
47		2-Chloronaphthalene	40.000	40.540	-1.3	104	-0.02

Sample Results: **BP025561.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082525\
Data File : BP025561.D
Acq On : 25 Aug 2025 12:13
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Aug 25 12:43:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48		2-Nitroaniline	40.000	42.624	-6.6	106	-0.02
49		Acenaphthylene	40.000	40.026	-0.1	104	-0.02
50		Dimethylphthalate	40.000	38.989	2.5	102	-0.02
51		2,6-Dinitrotoluene	40.000	41.166	-2.9	103	-0.01
52	C	Acenaphthene	40.000	39.125	2.2	103	-0.01
53		3-Nitroaniline	40.000	41.940	-4.8	107	-0.01
54	P	2,4-Dinitrophenol	40.000	53.348	-33.4#	135	-0.01
55		Dibenzofuran	40.000	39.493	1.3	102	-0.02
56	P	4-Nitrophenol	40.000	41.685	-4.2	107	0.00
57		2,4-Dinitrotoluene	40.000	41.902	-4.8	106	-0.02
58		Fluorene	40.000	39.508	1.2	104	-0.02
59		2,3,4,6-Tetrachlorophenol	40.000	40.260	-0.6	103	-0.01
60		Diethylphthalate	40.000	38.998	2.5	101	-0.01
61		4-Chlorophenyl-phenylether	40.000	38.676	3.3	101	-0.02
62		4-Nitroaniline	40.000	42.695	-6.7	108	-0.01
63		Azobenzene	40.000	40.672	-1.7	105	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	102	-0.01
65		4,6-Dinitro-2-methylphenol	40.000	47.015	-17.5	122	-0.01
66	c	n-Nitrosodiphenylamine	40.000	39.425	1.4	104	-0.01
67		4-Bromophenyl-phenylether	40.000	38.696	3.3	102	-0.01
68		Hexachlorobenzene	40.000	38.094	4.8	102	0.00
69		Atrazine	40.000	38.790	3.0	103	-0.01
70	C	Pentachlorophenol	40.000	38.776	3.1	101	0.00
71		Phenanthrene	40.000	39.424	1.4	106	0.00
72		Anthracene	40.000	39.697	0.8	105	0.00
73		Carbazole	40.000	40.154	-0.4	107	0.00
74		Di-n-butylphthalate	40.000	39.016	2.5	104	0.00
75	C	Fluoranthene	40.000	38.949	2.6	106	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	105	-0.02
77		Benzidine	40.000	42.933	-7.3	80	0.00
78		Pyrene	40.000	39.180	2.1	105	0.00
79	S	Terphenyl-d14	80.000	76.218	4.7	105	0.00
80		Butylbenzylphthalate	40.000	38.948	2.6	104	-0.01
81		Benzo(a)anthracene	40.000	38.883	2.8	106	-0.02
82		3,3'-Dichlorobenzidine	40.000	39.214	2.0	105	0.00
83		Chrysene	40.000	39.030	2.4	107	-0.01
84		Bis(2-ethylhexyl)phthalate	40.000	36.870	7.8	101	-0.03
85	c	Di-n-octyl phthalate	40.000	37.221	6.9	101	-0.04
86	I	Perylene-d12	20.000	20.000	0.0	105	-0.03
87		Indeno(1,2,3-cd)pyrene	40.000	39.583	1.0	108	-0.02
88		Benzo(b)fluoranthene	40.000	38.787	3.0	106	-0.02
89		Benzo(k)fluoranthene	40.000	39.543	1.1	108	-0.03
90	C	Benzo(a)pyrene	40.000	39.726	0.7	108	-0.01
91		Dibenzo(a,h)anthracene	40.000	40.154	-0.4	109	-0.04
92		Benzo(g,h,i)perylene	40.000	39.848	0.4	108	-0.04

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082525\
Data File : BP025561.D
Acq On : 25 Aug 2025 12:13
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Aug 25 12:43:10 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Raw Data: **BP025579.D**

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q2921

Instrument ID: BNA_P Calibration Date/Time: 08/26/2025 10:21

Lab File ID: BP025579.D Init. Calib. Date(s): 08/14/2025 08/14/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:33 17:24

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.204	1.238		2.8	
Benzaldehyde	1.082	1.311		21.2	
Phenol-d6	1.544	1.536		-0.5	
Phenol	1.620	1.579		-2.5	20.0
bis(2-Chloroethyl)ether	1.263	1.232		-2.5	
2-Chlorophenol	1.359	1.354		-0.4	
2-Methylphenol	1.125	1.095		-2.7	
2,2-oxybis(1-Chloropropane)	1.692	1.682		-0.6	
Acetophenone	0.502	0.498		-0.8	
3+4-Methylphenols	1.560	1.460		-6.4	
n-Nitroso-di-n-propylamine	1.023	0.944	0.050	-7.7	
Nitrobenzene-d5	0.395	0.403		2.0	
Hexachloroethane	0.563	0.567		0.7	
Nitrobenzene	0.353	0.356		0.9	
Isophorone	0.700	0.679		-3.0	
2-Nitrophenol	0.181	0.189		4.4	20.0
2,4-Dimethylphenol	0.312	0.308		-1.3	
bis(2-Chloroethoxy)methane	0.423	0.409		-3.3	
2,4-Dichlorophenol	0.310	0.308		-0.6	20.0
Naphthalene	1.040	1.016		-2.3	
4-Chloroaniline	0.459	0.440		-4.1	
Hexachlorobutadiene	0.211	0.212		0.5	20.0
Caprolactam	0.114	0.106		-7.0	
4-Chloro-3-methylphenol	0.355	0.344		-3.1	20.0
2-Methylnaphthalene	0.676	0.650		-3.8	
Hexachlorocyclopentadiene	0.349	0.378	0.050	8.3	
2,4,6-Trichlorophenol	0.390	0.414		6.2	20.0
2-Fluorobiphenyl	1.463	1.454		-0.6	
2,4,5-Trichlorophenol	0.427	0.455		6.6	
1,1-Biphenyl	1.453	1.465		0.8	
2-Chloronaphthalene	1.131	1.145		1.2	
2-Nitroaniline	0.329	0.352		7.0	
Dimethylphthalate	1.465	1.457		-0.5	
Acenaphthylene	1.871	1.885		0.7	
2,6-Dinitrotoluene	0.309	0.317		2.6	
3-Nitroaniline	0.347	0.352		1.4	
Acenaphthene	1.098	1.071		-2.5	20.0
2,4-Dinitrophenol	0.165	0.206	0.050	24.8	
4-Nitrophenol	0.285	0.275	0.050	-3.5	

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q2921

Instrument ID: BNA_P Calibration Date/Time: 08/26/2025 10:21

Lab File ID: BP025579.D Init. Calib. Date(s): 08/14/2025 08/14/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:33 17:24

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.736	1.708		-1.6	
2,4-Dinitrotoluene	0.440	0.449		2.0	
Diethylphthalate	1.488	1.476		-0.8	
4-Chlorophenyl-phenylether	0.681	0.673		-1.2	
Fluorene	1.370	1.330		-2.9	
4-Nitroaniline	0.356	0.360		1.1	
4,6-Dinitro-2-methylphenol	0.125	0.142		13.6	
n-Nitrosodiphenylamine	0.610	0.600		-1.6	20.0
2,4,6-Tribromophenol	0.269	0.279		3.7	
4-Bromophenyl-phenylether	0.220	0.223		1.4	
Hexachlorobenzene	0.255	0.259		1.6	
Atrazine	0.228	0.224		-1.8	
Pentachlorophenol	0.161	0.160		-0.6	20.0
Phenanthrene	1.099	1.075		-2.2	
Anthracene	1.122	1.109		-1.2	
Carbazole	1.057	1.018		-3.7	
Di-n-butylphthalate	1.300	1.288		-0.9	
Fluoranthene	1.311	1.234		-5.9	20.0
Pyrene	1.300	1.297		-0.2	
Terphenyl-d14	1.093	1.098		0.5	
Butylbenzylphthalate	0.589	0.609		3.4	
3,3-Dichlorobenzidine	0.497	0.499		0.4	
Chrysene	1.235	1.223		-1.0	
Bis(2-ethylhexyl)phthalate	0.867	0.871		0.5	
Di-n-octyl phthalate	1.492	1.545		3.6	20.0
Indeno(1,2,3-cd)pyrene	1.467	1.442		-1.7	
Dibenzo(a,h)anthracene	1.199	1.179		-1.7	
1,2,4,5-Tetrachlorobenzene	0.578	0.600		3.8	
1,4-Dioxane	0.472	0.478		1.3	20.0
2,3,4,6-Tetrachlorophenol	0.377	0.382		1.3	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025579.D
Acq On : 26 Aug 2025 10:21
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Aug 26 11:32:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.778	152	235051	20.000	ng	-0.02
21) Naphthalene-d8	10.549	136	932609	20.000	ng	-0.01
39) Acenaphthene-d10	14.390	164	572065	20.000	ng	-0.02
64) Phenanthrene-d10	17.195	188	1130975	20.000	ng	0.00
76) Chrysene-d12	21.636	240	1110364	20.000	ng	-0.01
86) Perylene-d12	24.995	264	1292923	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.414	112	1163809	82.226	ng	0.00
7) Phenol-d6	6.972	99	1443988	79.575	ng	0.00
23) Nitrobenzene-d5	8.925	82	1502043	81.472	ng	-0.01
42) 2,4,6-Tribromophenol	15.913	330	639528	83.055	ng	0.00
45) 2-Fluorobiphenyl	13.001	172	3325998	79.459	ng	-0.02
79) Terphenyl-d14	19.919	244	4877631	80.370	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.337	88	224845	40.557	ng	98
3) Pyridine	3.731	79	602438	39.701	ng	97
4) n-Nitrosodimethylamine	3.637	42	257855	41.218	ng	99
6) Aniline	7.119	93	944949	38.650	ng	99
8) 2-Chlorophenol	7.361	128	636701	39.864	ng	98
9) Benzaldehyde	6.931	77	616270	48.474	ng	96
10) Phenol	7.002	94	742076	38.972	ng	98
11) bis(2-Chloroethyl)ether	7.208	93	578952	39.010	ng	96
12) 1,3-Dichlorobenzene	7.672	146	703964	39.972	ng	98
13) 1,4-Dichlorobenzene	7.814	146	707832	39.322	ng	99
14) 1,2-Dichlorobenzene	8.131	146	676716	38.836	ng	99
15) Benzyl Alcohol	8.019	79	549664	38.122	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.290	45	790859	39.779	ng	97
17) 2-Methylphenol	8.225	107	514974	38.941	ng	99
18) Hexachloroethane	8.849	117	266626	40.285	ng	97
19) n-Nitroso-di-n-propyla...	8.578	70	443913	36.932	ng	99
20) 3+4-Methylphenols	8.549	107	686414	37.445	ng	97
22) Acetophenone	8.590	105	929055	39.724	ng	98
24) Nitrobenzene	8.966	77	663698	40.281	ng	98
25) Isophorone	9.490	82	1265792	38.795	ng	100
26) 2-Nitrophenol	9.666	139	352539	41.691	ng	98
27) 2,4-Dimethylphenol	9.737	122	573582	39.443	ng	99
28) bis(2-Chloroethoxy)met...	9.960	93	763692	38.722	ng	98
29) 2,4-Dichlorophenol	10.213	162	573818	39.723	ng	99
30) 1,2,4-Trichlorobenzene	10.413	180	628899	39.714	ng	98
31) Naphthalene	10.602	128	1894368	39.081	ng	99
32) Benzoic acid	9.896	122	434436	40.466	ng	99
33) 4-Chloroaniline	10.702	127	820796	38.334	ng	99
34) Hexachlorobutadiene	10.884	225	394850	40.037	ng	98
35) Caprolactam	11.502	113	197954	37.371	ng	99
36) 4-Chloro-3-methylphenol	11.843	107	641625	38.708	ng	99
37) 2-Methylnaphthalene	12.207	142	1212709	38.444	ng	99
38) 1-Methylnaphthalene	12.419	142	1260933	37.588	ng	100
40) 1,2,4,5-Tetrachloroben...	12.572	216	686446	41.548	ng	100
41) Hexachlorocyclopentadiene	12.554	237	432234	43.311	ng	99
43) 2,4,6-Trichlorophenol	12.819	196	474193	42.513	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025579.D
Acq On : 26 Aug 2025 10:21
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Aug 26 11:32:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

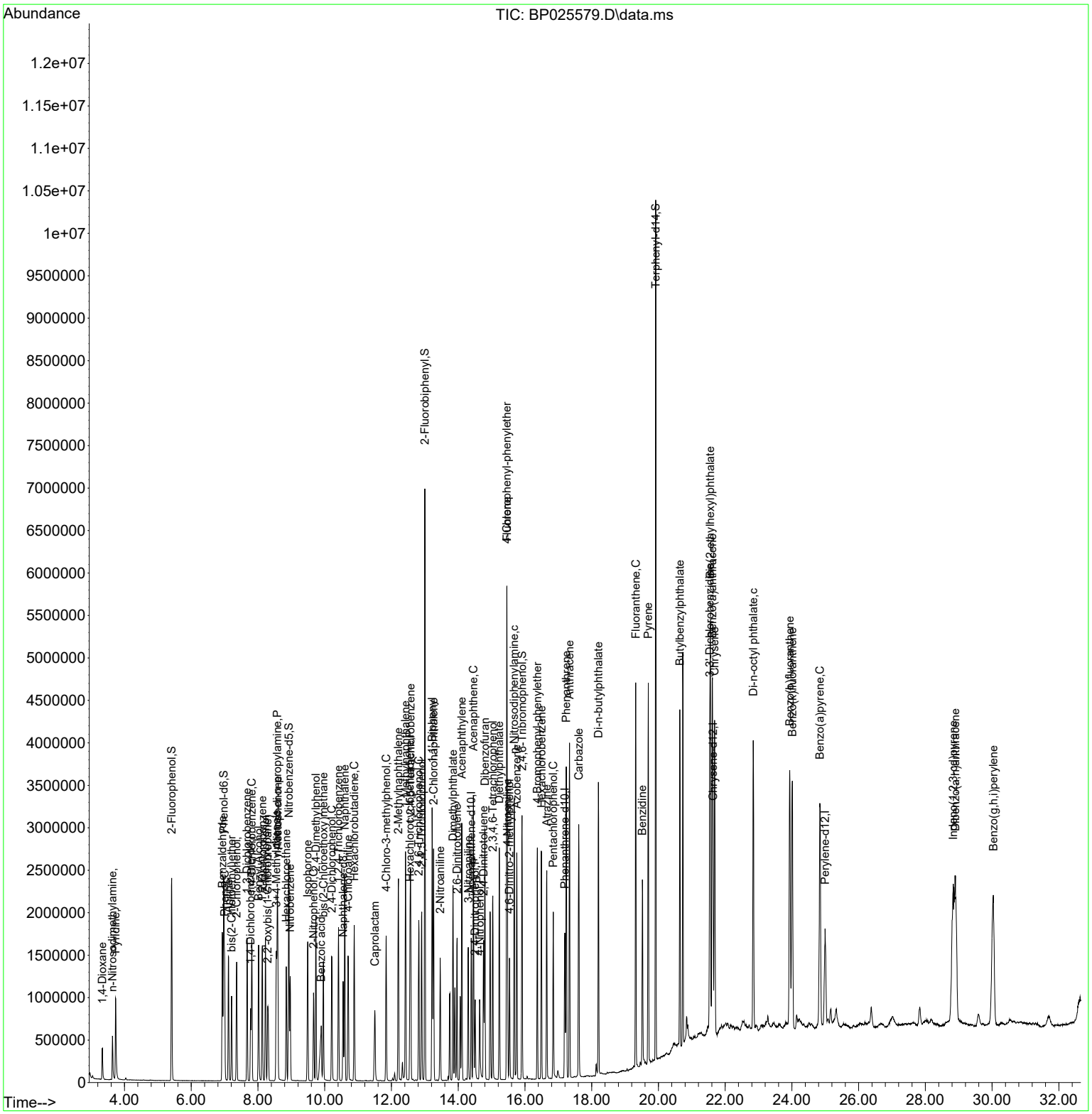
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.907	196	520069	42.543	ng	96
46) 1,1'-Biphenyl	13.219	154	1676486	40.352	ng	98
47) 2-Chloronaphthalene	13.260	162	1310530	40.519	ng	99
48) 2-Nitroaniline	13.460	65	402633	42.723	ng	99
49) Acenaphthylene	14.107	152	2156400	40.292	ng	99
50) Dimethylphthalate	13.843	163	1666999	39.793	ng	99
51) 2,6-Dinitrotoluene	13.966	165	362713	41.079	ng	98
52) Acenaphthene	14.454	154	1225216	39.001	ng	100
53) 3-Nitroaniline	14.301	138	403295	40.597	ng	97
54) 2,4-Dinitrophenol	14.507	184	235700	49.987	ng	99
55) Dibenzofuran	14.801	168	1954402	39.350	ng	98
56) 4-Nitrophenol	14.643	139	314549	38.533	ng	97
57) 2,4-Dinitrotoluene	14.760	165	514206	40.818	ng	99
58) Fluorene	15.460	166	1521365	38.819	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.037	232	437267	40.510	ng	99
60) Diethylphthalate	15.231	149	1688239	39.661	ng	99
61) 4-Chlorophenyl-phenyle...	15.454	204	769934	39.502	ng	99
62) 4-Nitroaniline	15.478	138	412280	40.483	ng	99
63) Azobenzene	15.754	77	1465800	40.216	ng	99
65) 4,6-Dinitro-2-methylph...	15.537	198	320151	45.412	ng	95
66) n-Nitrosodiphenylamine	15.678	169	1358091	39.379	ng	99
67) 4-Bromophenyl-phenylether	16.372	248	504211	40.536	ng	97
68) Hexachlorobenzene	16.495	284	584868	40.563	ng	95
69) Atrazine	16.654	200	507511	39.294	ng	98
70) Pentachlorophenol	16.848	266	362130	39.786	ng	97
71) Phenanthrene	17.237	178	2432486	39.153	ng	99
72) Anthracene	17.337	178	2509132	39.548	ng	100
73) Carbazole	17.613	167	2303052	38.538	ng	99
74) Di-n-butylphthalate	18.201	149	2913457	39.626	ng	99
75) Fluoranthene	19.319	202	2791668	37.670	ng	99
77) Benzidine	19.519	184	1444118	38.109	ng	100
78) Pyrene	19.695	202	2881100	39.921	ng	99
80) Butylbenzylphthalate	20.642	149	1352603	41.353	ng	99
81) Benzo(a)anthracene	21.613	228	2873936	39.246	ng	99
82) 3,3'-Dichlorobenzidine	21.536	252	1108523	40.161	ng	98
83) Chrysene	21.683	228	2716264	39.608	ng	99
84) Bis(2-ethylhexyl)phtha...	21.554	149	1934845	40.185	ng	99
85) Di-n-octyl phthalate	22.842	149	3430668	41.424	ng	99
87) Indeno(1,2,3-cd)pyrene	28.836	276	3727641	39.314	ng	94
88) Benzo(b)fluoranthene	23.936	252	2993424	39.263	ng	99
89) Benzo(k)fluoranthene	24.013	252	2949181	38.657	ng	99
90) Benzo(a)pyrene	24.836	252	2890050	38.942	ng	99
91) Dibenzo(a,h)anthracene	28.901	278	3048612	39.344	ng	99
92) Benzo(g,h,i)perylene	30.036	276	2965349	38.932	ng	98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025579.D
Acq On : 26 Aug 2025 10:21
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Aug 26 11:32:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration



Sample Results: **BP025579.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025579.D
Acq On : 26 Aug 2025 10:21
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Aug 26 11:32:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	149	-0.02
2		1,4-Dioxane	0.472	0.478	-1.3	160#	0.00
3		Pyridine	1.291	1.282	0.7	157#	0.00
4		n-Nitrosodimethylamine	0.532	0.549	-3.2	160#	0.00
5	S	2-Fluorophenol	1.204	1.238	-2.8	159#	0.00
6		Aniline	2.080	2.010	3.4	148	0.00
7	S	Phenol-d6	1.544	1.536	0.5	151#	0.00
8		2-Chlorophenol	1.359	1.354	0.4	154#	0.00
9		Benzaldehyde	1.082	1.311	-21.2	143	-0.01
10	C	Phenol	1.620	1.579	2.5	149	0.00
11		bis(2-Chloroethyl)ether	1.263	1.232	2.5	150#	-0.01
12		1,3-Dichlorobenzene	1.499	1.497	0.1	155#	-0.01
13	C	1,4-Dichlorobenzene	1.532	1.506	1.7	153#	-0.02
14		1,2-Dichlorobenzene	1.483	1.440	2.9	150	-0.01
15		Benzyl Alcohol	1.227	1.169	4.7	146	0.00
16		2,2'-oxybis(1-Chloropropane	1.692	1.682	0.6	155#	-0.02
17		2-Methylphenol	1.125	1.095	2.7	147	0.00
18		Hexachloroethane	0.563	0.567	-0.7	155#	-0.02
19	P	n-Nitroso-di-n-propylamine	1.023	0.944	7.7	142	-0.01
20		3+4-Methylphenols	1.560	1.460	6.4	143	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	141	-0.01
22		Acetophenone	0.502	0.498	0.8	144	-0.01
23	S	Nitrobenzene-d5	0.395	0.403	-2.0	148	-0.01
24		Nitrobenzene	0.353	0.356	-0.8	145	0.00
25		Isophorone	0.700	0.679	3.0	142	-0.01
26	C	2-Nitrophenol	0.181	0.189	-4.4	147	-0.01
27		2,4-Dimethylphenol	0.312	0.308	1.3	140	0.00
28		bis(2-Chloroethoxy)methane	0.423	0.409	3.3	141	-0.01
29	C	2,4-Dichlorophenol	0.310	0.308	0.6	142	0.00
30		1,2,4-Trichlorobenzene	0.340	0.337	0.9	145	-0.01
31		Naphthalene	1.040	1.016	2.3	143	-0.01
32		Benzoic acid	0.230	0.233	-1.3	144	0.02
33		4-Chloroaniline	0.459	0.440	4.1	137	-0.01
34	C	Hexachlorobutadiene	0.211	0.212	-0.5	145	-0.02
35		Caprolactam	0.114	0.106	7.0	136	0.00
36	C	4-Chloro-3-methylphenol	0.355	0.344	3.1	140	0.00
37		2-Methylnaphthalene	0.676	0.650	3.8	140	-0.01
38		1-Methylnaphthalene	0.719	0.676	6.0	139	-0.02
39	I	Acenaphthene-d10	1.000	1.000	0.0	130	-0.02
40		1,2,4,5-Tetrachlorobenzene	0.578	0.600	-3.8	139	-0.02
41	P	Hexachlorocyclopentadiene	0.349	0.378	-8.3	141	-0.02
42	S	2,4,6-Tribromophenol	0.269	0.279	-3.7	138	0.00
43	C	2,4,6-Trichlorophenol	0.390	0.414	-6.2	141	0.00
44		2,4,5-Trichlorophenol	0.427	0.455	-6.6	139	0.01
45	S	2-Fluorobiphenyl	1.463	1.454	0.6	135	-0.02
46		1,1'-Biphenyl	1.453	1.465	-0.8	135	-0.01
47		2-Chloronaphthalene	1.131	1.145	-1.2	135	-0.01

Sample Results: **BP025579.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025579.D
Acq On : 26 Aug 2025 10:21
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Aug 26 11:32:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48		2-Nitroaniline	0.329	0.352	-7.0	138	-0.01
49		Acenaphthylene	1.871	1.885	-0.7	135	-0.02
50		Dimethylphthalate	1.465	1.457	0.5	135	-0.02
51		2,6-Dinitrotoluene	0.309	0.317	-2.6	133	0.00
52	C	Acenaphthene	1.098	1.071	2.5	133	-0.01
53		3-Nitroaniline	0.347	0.352	-1.4	134	0.00
54	P	2,4-Dinitrophenol	0.165	0.206	-24.8	164#	0.00
55		Dibenzofuran	1.736	1.708	1.6	132	0.00
56	P	4-Nitrophenol	0.285	0.275	3.5	128	0.03
57		2,4-Dinitrotoluene	0.440	0.449	-2.0	133	0.00
58		Fluorene	1.370	1.330	2.9	132	0.00
59		2,3,4,6-Tetrachlorophenol	0.377	0.382	-1.3	135	0.00
60		Diethylphthalate	1.488	1.476	0.8	133	0.00
61		4-Chlorophenyl-phenylether	0.681	0.673	1.2	134	0.00
62		4-Nitroaniline	0.356	0.360	-1.1	133	0.00
63		Azobenzene	1.274	1.281	-0.5	134	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	128	0.00
65		4,6-Dinitro-2-methylphenol	0.125	0.142	-13.6	147	0.00
66	c	n-Nitrosodiphenylamine	0.610	0.600	1.6	130	0.00
67		4-Bromophenyl-phenylether	0.220	0.223	-1.4	134	0.00
68		Hexachlorobenzene	0.255	0.259	-1.6	137	0.00
69		Atrazine	0.228	0.224	1.8	131	0.00
70	C	Pentachlorophenol	0.161	0.160	0.6	130	0.00
71		Phenanthrene	1.099	1.075	2.2	132	0.00
72		Anthracene	1.122	1.109	1.2	131	0.00
73		Carbazole	1.057	1.018	3.7	129	0.00
74		Di-n-butylphthalate	1.300	1.288	0.9	132	0.00
75	C	Fluoranthene	1.311	1.234	5.9	128	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	123	-0.01
77		Benzidine	0.683	0.650	4.8	83	0.00
78		Pyrene	1.300	1.297	0.2	126	0.00
79	S	Terphenyl-d14	1.093	1.098	-0.5	130	0.00
80		Butylbenzylphthalate	0.589	0.609	-3.4	130	0.00
81		Benzo(a)anthracene	1.319	1.294	1.9	126	-0.02
82		3,3'-Dichlorobenzidine	0.497	0.499	-0.4	126	0.00
83		Chrysene	1.235	1.223	1.0	128	-0.01
84		Bis(2-ethylhexyl)phthalate	0.867	0.871	-0.5	130	-0.03
85	c	Di-n-octyl phthalate	1.492	1.545	-3.6	132	-0.03
86	I	Perylene-d12	1.000	1.000	0.0	126	-0.04
87		Indeno(1,2,3-cd)pyrene	1.467	1.442	1.7	129	-0.03
88		Benzo(b)fluoranthene	1.179	1.158	1.8	129	-0.02
89		Benzo(k)fluoranthene	1.180	1.141	3.3	128	-0.02
90	C	Benzo(a)pyrene	1.148	1.118	2.6	128	-0.02
91		Dibenzo(a,h)anthracene	1.199	1.179	1.7	129	-0.05
92		Benzo(g,h,i)perylene	1.178	1.147	2.6	127	-0.02

Sample Results: **BP025579.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025579.D
Acq On : 26 Aug 2025 10:21
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Aug 26 11:32:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Sample Results: **BP025579.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025579.D
Acq On : 26 Aug 2025 10:21
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Aug 26 11:32:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	149	-0.02
2		1,4-Dioxane	40.000	40.557	-1.4	160	0.00
3		Pyridine	40.000	39.701	0.7	157	0.00
4		n-Nitrosodimethylamine	40.000	41.218	-3.0	160	0.00
5	S	2-Fluorophenol	80.000	82.226	-2.8	159	0.00
6		Aniline	40.000	38.650	3.4	148	0.00
7	S	Phenol-d6	80.000	79.575	0.5	151	0.00
8		2-Chlorophenol	40.000	39.864	0.3	154	0.00
9		Benzaldehyde	40.000	48.474	-21.2	143	-0.01
10	C	Phenol	40.000	38.972	2.6	149	0.00
11		bis(2-Chloroethyl)ether	40.000	39.010	2.5	150	-0.01
12		1,3-Dichlorobenzene	40.000	39.972	0.1	155	-0.01
13	C	1,4-Dichlorobenzene	40.000	39.322	1.7	153	-0.02
14		1,2-Dichlorobenzene	40.000	38.836	2.9	150	-0.01
15		Benzyl Alcohol	40.000	38.122	4.7	146	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	39.779	0.6	155	-0.02
17		2-Methylphenol	40.000	38.941	2.6	147	0.00
18		Hexachloroethane	40.000	40.285	-0.7	155	-0.02
19	P	n-Nitroso-di-n-propylamine	40.000	36.932	7.7	142	-0.01
20		3+4-Methylphenols	40.000	37.445	6.4	143	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	141	-0.01
22		Acetophenone	40.000	39.724	0.7	144	-0.01
23	S	Nitrobenzene-d5	80.000	81.472	-1.8	148	-0.01
24		Nitrobenzene	40.000	40.281	-0.7	145	0.00
25		Isophorone	40.000	38.795	3.0	142	-0.01
26	C	2-Nitrophenol	40.000	41.691	-4.2	147	-0.01
27		2,4-Dimethylphenol	40.000	39.443	1.4	140	0.00
28		bis(2-Chloroethoxy)methane	40.000	38.722	3.2	141	-0.01
29	C	2,4-Dichlorophenol	40.000	39.723	0.7	142	0.00
30		1,2,4-Trichlorobenzene	40.000	39.714	0.7	145	-0.01
31		Naphthalene	40.000	39.081	2.3	143	-0.01
32		Benzoic acid	40.000	40.466	-1.2	144	0.02
33		4-Chloroaniline	40.000	38.334	4.2	137	-0.01
34	C	Hexachlorobutadiene	40.000	40.037	-0.1	145	-0.02
35		Caprolactam	40.000	37.371	6.6	136	0.00
36	C	4-Chloro-3-methylphenol	40.000	38.708	3.2	140	0.00
37		2-Methylnaphthalene	40.000	38.444	3.9	140	-0.01
38		1-Methylnaphthalene	40.000	37.588	6.0	139	-0.02
39	I	Acenaphthene-d10	20.000	20.000	0.0	130	-0.02
40		1,2,4,5-Tetrachlorobenzene	40.000	41.548	-3.9	139	-0.02
41	P	Hexachlorocyclopentadiene	40.000	43.311	-8.3	141	-0.02
42	S	2,4,6-Tribromophenol	80.000	83.055	-3.8	138	0.00
43	C	2,4,6-Trichlorophenol	40.000	42.513	-6.3	141	0.00
44		2,4,5-Trichlorophenol	40.000	42.543	-6.4	139	0.01
45	S	2-Fluorobiphenyl	80.000	79.459	0.7	135	-0.02
46		1,1'-Biphenyl	40.000	40.352	-0.9	135	-0.01
47		2-Chloronaphthalene	40.000	40.519	-1.3	135	-0.01

Sample Results: **BP025579.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025579.D
Acq On : 26 Aug 2025 10:21
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Aug 26 11:32:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48		2-Nitroaniline	40.000	42.723	-6.8	138	-0.01
49		Acenaphthylene	40.000	40.292	-0.7	135	-0.02
50		Dimethylphthalate	40.000	39.793	0.5	135	-0.02
51		2,6-Dinitrotoluene	40.000	41.079	-2.7	133	0.00
52	C	Acenaphthene	40.000	39.001	2.5	133	-0.01
53		3-Nitroaniline	40.000	40.597	-1.5	134	0.00
54	P	2,4-Dinitrophenol	40.000	49.987	-25.0	164	0.00
55		Dibenzofuran	40.000	39.350	1.6	132	0.00
56	P	4-Nitrophenol	40.000	38.533	3.7	128	0.03
57		2,4-Dinitrotoluene	40.000	40.818	-2.0	133	0.00
58		Fluorene	40.000	38.819	3.0	132	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	40.510	-1.3	135	0.00
60		Diethylphthalate	40.000	39.661	0.8	133	0.00
61		4-Chlorophenyl-phenylether	40.000	39.502	1.2	134	0.00
62		4-Nitroaniline	40.000	40.483	-1.2	133	0.00
63		Azobenzene	40.000	40.216	-0.5	134	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	128	0.00
65		4,6-Dinitro-2-methylphenol	40.000	45.412	-13.5	147	0.00
66	c	n-Nitrosodiphenylamine	40.000	39.379	1.6	130	0.00
67		4-Bromophenyl-phenylether	40.000	40.536	-1.3	134	0.00
68		Hexachlorobenzene	40.000	40.563	-1.4	137	0.00
69		Atrazine	40.000	39.294	1.8	131	0.00
70	C	Pentachlorophenol	40.000	39.786	0.5	130	0.00
71		Phenanthrene	40.000	39.153	2.1	132	0.00
72		Anthracene	40.000	39.548	1.1	131	0.00
73		Carbazole	40.000	38.538	3.7	129	0.00
74		Di-n-butylphthalate	40.000	39.626	0.9	132	0.00
75	C	Fluoranthene	40.000	37.670	5.8	128	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	123	-0.01
77		Benzidine	40.000	38.109	4.7	83	0.00
78		Pyrene	40.000	39.921	0.2	126	0.00
79	S	Terphenyl-d14	80.000	80.370	-0.5	130	0.00
80		Butylbenzylphthalate	40.000	41.353	-3.4	130	0.00
81		Benzo(a)anthracene	40.000	39.246	1.9	126	-0.02
82		3,3'-Dichlorobenzidine	40.000	40.161	-0.4	126	0.00
83		Chrysene	40.000	39.608	1.0	128	-0.01
84		Bis(2-ethylhexyl)phthalate	40.000	40.185	-0.5	130	-0.03
85	c	Di-n-octyl phthalate	40.000	41.424	-3.6	132	-0.03
86	I	Perylene-d12	20.000	20.000	0.0	126	-0.04
87		Indeno(1,2,3-cd)pyrene	40.000	39.314	1.7	129	-0.03
88		Benzo(b)fluoranthene	40.000	39.263	1.8	129	-0.02
89		Benzo(k)fluoranthene	40.000	38.657	3.4	128	-0.02
90	C	Benzo(a)pyrene	40.000	38.942	2.6	128	-0.02
91		Dibenzo(a,h)anthracene	40.000	39.344	1.6	129	-0.05
92		Benzo(g,h,i)perylene	40.000	38.932	2.7	127	-0.02

Sample Results: **BP025579.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025579.D
Acq On : 26 Aug 2025 10:21
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Aug 26 11:32:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Raw Data: **BP025596.D**

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q2921

Instrument ID: BNA_P Calibration Date/Time: 08/27/2025 09:39

Lab File ID: BP025596.D Init. Calib. Date(s): 08/14/2025 08/14/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:33 17:24

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Fluorophenol	1.204	1.204		0.0	
Benzaldehyde	1.082	1.320		22.0	
Phenol-d6	1.544	1.563		1.2	
Phenol	1.620	1.636		1.0	20.0
bis(2-Chloroethyl)ether	1.263	1.242		-1.7	
2-Chlorophenol	1.359	1.356		-0.2	
2-Methylphenol	1.125	1.127		0.2	
2,2-oxybis(1-Chloropropane)	1.692	1.723		1.8	
Acetophenone	0.502	0.496		-1.2	
3+4-Methylphenols	1.560	1.513		-3.0	
n-Nitroso-di-n-propylamine	1.023	1.032	0.050	0.9	
Nitrobenzene-d5	0.395	0.395		0.0	
Hexachloroethane	0.563	0.563		0.0	
Nitrobenzene	0.353	0.352		-0.3	
Isophorone	0.700	0.708		1.1	
2-Nitrophenol	0.181	0.187		3.3	20.0
2,4-Dimethylphenol	0.312	0.310		-0.6	
bis(2-Chloroethoxy)methane	0.423	0.417		-1.4	
2,4-Dichlorophenol	0.310	0.310		0.0	20.0
Naphthalene	1.040	1.018		-2.1	
4-Chloroaniline	0.459	0.458		-0.2	
Hexachlorobutadiene	0.211	0.206		-2.4	20.0
Caprolactam	0.114	0.121		6.1	
4-Chloro-3-methylphenol	0.355	0.363		2.3	20.0
2-Methylnaphthalene	0.676	0.657		-2.8	
Hexachlorocyclopentadiene	0.349	0.280	0.050	-19.8	
2,4,6-Trichlorophenol	0.390	0.385		-1.3	20.0
2-Fluorobiphenyl	1.463	1.415		-3.3	
2,4,5-Trichlorophenol	0.427	0.424		-0.7	
1,1-Biphenyl	1.453	1.400		-3.6	
2-Chloronaphthalene	1.131	1.094		-3.3	
2-Nitroaniline	0.329	0.360		9.4	
Dimethylphthalate	1.465	1.499		2.3	
Acenaphthylene	1.871	1.827		-2.4	
2,6-Dinitrotoluene	0.309	0.331		7.1	
3-Nitroaniline	0.347	0.364		4.9	
Acenaphthene	1.098	1.046		-4.7	20.0
2,4-Dinitrophenol	0.165	0.204	0.050	23.6	
4-Nitrophenol	0.285	0.275	0.050	-3.5	

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: GENV01

Lab Code: ACE SDG No.: Q2921

Instrument ID: BNA_P Calibration Date/Time: 08/27/2025 09:39

Lab File ID: BP025596.D Init. Calib. Date(s): 08/14/2025 08/14/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 12:33 17:24

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dibenzofuran	1.736	1.718		-1.0	
2,4-Dinitrotoluene	0.440	0.481		9.3	
Diethylphthalate	1.488	1.550		4.2	
4-Chlorophenyl-phenylether	0.681	0.690		1.3	
Fluorene	1.370	1.386		1.2	
4-Nitroaniline	0.356	0.391		9.8	
4,6-Dinitro-2-methylphenol	0.125	0.142		13.6	
n-Nitrosodiphenylamine	0.610	0.593		-2.8	20.0
2,4,6-Tribromophenol	0.269	0.296		10.0	
4-Bromophenyl-phenylether	0.220	0.217		-1.4	
Hexachlorobenzene	0.255	0.256		0.4	
Atrazine	0.228	0.234		2.6	
Pentachlorophenol	0.161	0.155		-3.7	20.0
Phenanthrene	1.099	1.066		-3.0	
Anthracene	1.122	1.113		-0.8	
Carbazole	1.057	1.047		-0.9	
Di-n-butylphthalate	1.300	1.367		5.2	
Fluoranthene	1.311	1.324		1.0	20.0
Pyrene	1.300	1.296		-0.3	
Terphenyl-d14	1.093	1.122		2.7	
Butylbenzylphthalate	0.589	0.630		7.0	
3,3-Dichlorobenzidine	0.497	0.494		-0.6	
Chrysene	1.235	1.231		-0.3	
Bis(2-ethylhexyl)phthalate	0.867	0.884		2.0	
Di-n-octyl phthalate	1.492	1.545		3.6	20.0
Indeno(1,2,3-cd)pyrene	1.467	1.427		-2.7	
Dibenzo(a,h)anthracene	1.199	1.176		-1.9	
1,2,4,5-Tetrachlorobenzene	0.578	0.565		-2.2	
1,4-Dioxane	0.472	0.463		-1.9	20.0
2,3,4,6-Tetrachlorophenol	0.377	0.394		4.5	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025596.D
Acq On : 27 Aug 2025 09:39
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Aug 27 10:55:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.778	152	161611	20.000	ng	-0.02
21) Naphthalene-d8	10.543	136	681785	20.000	ng	-0.02
39) Acenaphthene-d10	14.396	164	463868	20.000	ng	-0.01
64) Phenanthrene-d10	17.207	188	978179	20.000	ng	0.00
76) Chrysene-d12	21.642	240	1036724	20.000	ng	0.00
86) Perylene-d12	25.001	264	1177638	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.402	112	778278	79.975	ng	0.00
7) Phenol-d6	6.967	99	1010169	80.965	ng	0.00
23) Nitrobenzene-d5	8.919	82	1076213	79.850	ng	-0.02
42) 2,4,6-Tribromophenol	15.913	330	549909	88.074	ng	0.00
45) 2-Fluorobiphenyl	13.007	172	2624819	77.334	ng	-0.01
79) Terphenyl-d14	19.919	244	4654437	82.140	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.320	88	149495	39.219	ng	99
3) Pyridine	3.720	79	409189	39.220	ng	95
4) n-Nitrosodimethylamine	3.626	42	182771	42.492	ng	98
6) Aniline	7.114	93	676634	40.251	ng	97
8) 2-Chlorophenol	7.349	128	438161	39.900	ng	98
9) Benzaldehyde	6.931	77	426718	48.816	ng	97
10) Phenol	6.990	94	528849	40.395	ng	99
11) bis(2-Chloroethyl)ether	7.202	93	401542	39.351	ng	98
12) 1,3-Dichlorobenzene	7.666	146	477862	39.463	ng	99
13) 1,4-Dichlorobenzene	7.814	146	488238	39.448	ng	99
14) 1,2-Dichlorobenzene	8.125	146	472173	39.411	ng	99
15) Benzyl Alcohol	8.014	79	399160	40.264	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.296	45	556824	40.735	ng	100
17) 2-Methylphenol	8.219	107	364205	40.055	ng	99
18) Hexachloroethane	8.843	117	181852	39.962	ng	96
19) n-Nitroso-di-n-propyla...	8.572	70	333477	40.352	ng	99
20) 3+4-Methylphenols	8.543	107	488967	38.796	ng	100
22) Acetophenone	8.584	105	676704	39.578	ng	98
24) Nitrobenzene	8.961	77	479758	39.829	ng	98
25) Isophorone	9.484	82	965178	40.465	ng	98
26) 2-Nitrophenol	9.666	139	254434	41.159	ng	99
27) 2,4-Dimethylphenol	9.725	122	422400	39.733	ng	99
28) bis(2-Chloroethoxy)met...	9.955	93	568496	39.429	ng	100
29) 2,4-Dichlorophenol	10.208	162	422695	40.026	ng	99
30) 1,2,4-Trichlorobenzene	10.408	180	452737	39.108	ng	96
31) Naphthalene	10.590	128	1388192	39.174	ng	99
32) Benzoic acid	9.878	122	310275	39.533	ng	99
33) 4-Chloroaniline	10.702	127	625135	39.937	ng	98
34) Hexachlorobutadiene	10.878	225	280228	38.868	ng	98
35) Caprolactam	11.496	113	164315	42.433	ng	99
36) 4-Chloro-3-methylphenol	11.837	107	494469	40.805	ng	97
37) 2-Methylnaphthalene	12.202	142	895986	38.853	ng	99
38) 1-Methylnaphthalene	12.425	142	942809	38.444	ng	100
40) 1,2,4,5-Tetrachloroben...	12.572	216	524176	39.126	ng	99
41) Hexachlorocyclopentadiene	12.549	237	260051	32.135	ng	97
43) 2,4,6-Trichlorophenol	12.819	196	357566	39.534	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025596.D
Acq On : 27 Aug 2025 09:39
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Aug 27 10:55:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

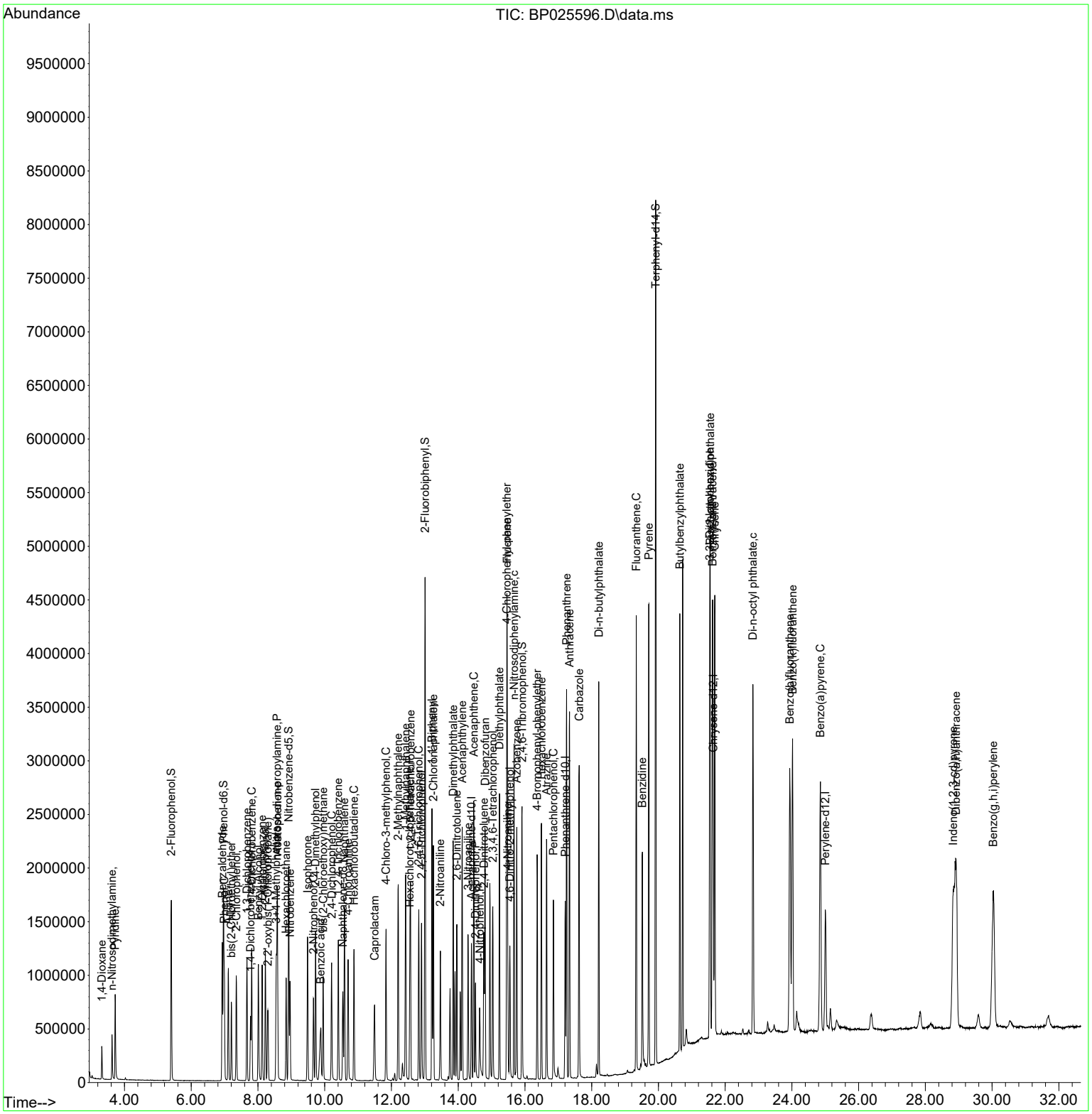
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.902	196	392969	39.644	ng		98
46) 1,1'-Biphenyl	13.213	154	1299218	38.565	ng		99
47) 2-Chloronaphthalene	13.254	162	1015269	38.712	ng		99
48) 2-Nitroaniline	13.466	65	333661	43.663	ng		98
49) Acenaphthylene	14.119	152	1694793	39.053	ng		99
50) Dimethylphthalate	13.849	163	1390228	40.927	ng		99
51) 2,6-Dinitrotoluene	13.960	165	307211	42.909	ng		98
52) Acenaphthene	14.466	154	970444	38.097	ng		100
53) 3-Nitroaniline	14.296	138	338029	41.964	ng		94
54) 2,4-Dinitrophenol	14.519	184	189053	49.446	ng		98
55) Dibenzofuran	14.807	168	1594000	39.579	ng		99
56) 4-Nitrophenol	14.643	139	254738	38.484	ng		96
57) 2,4-Dinitrotoluene	14.772	165	446620	43.722	ng		99
58) Fluorene	15.466	166	1285799	40.461	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.037	232	365135	41.718	ng		100
60) Diethylphthalate	15.237	149	1438280	41.670	ng		99
61) 4-Chlorophenyl-phenyle...	15.454	204	640441	40.522	ng		98
62) 4-Nitroaniline	15.484	138	362298	43.872	ng		98
63) Azobenzene	15.754	77	1264906	42.799	ng		99
65) 4,6-Dinitro-2-methylph...	15.548	198	277206	45.462	ng		93
66) n-Nitrosodiphenylamine	15.672	169	1160960	38.921	ng		99
67) 4-Bromophenyl-phenylether	16.366	248	425056	39.510	ng		98
68) Hexachlorobenzene	16.495	284	501785	40.236	ng		96
69) Atrazine	16.648	200	458294	41.026	ng		99
70) Pentachlorophenol	16.854	266	303401	38.540	ng		98
71) Phenanthrene	17.248	178	2085730	38.815	ng		99
72) Anthracene	17.337	178	2177823	39.688	ng		100
73) Carbazole	17.625	167	2047731	39.618	ng		99
74) Di-n-butylphthalate	18.213	149	2675162	42.068	ng		99
75) Fluoranthene	19.336	202	2590880	40.422	ng		99
77) Benzidine	19.519	184	1317371	37.234	ng		99
78) Pyrene	19.713	202	2686396	39.867	ng		99
80) Butylbenzylphthalate	20.642	149	1305936	42.763	ng		99
81) Benzo(a)anthracene	21.619	228	2693701	39.398	ng		100
82) 3,3'-Dichlorobenzidine	21.536	252	1024594	39.757	ng		98
83) Chrysene	21.689	228	2553149	39.874	ng		99
84) Bis(2-ethylhexyl)phtha...	21.554	149	1832953	40.773	ng		99
85) Di-n-octyl phthalate	22.830	149	3203052	41.423	ng		98
87) Indeno(1,2,3-cd)pyrene	28.836	276	3360807	38.915	ng	#	80
88) Benzo(b)fluoranthene	23.936	252	2744704	39.525	ng		100
89) Benzo(k)fluoranthene	24.019	252	2754230	39.635	ng		99
90) Benzo(a)pyrene	24.854	252	2682309	39.681	ng		99
91) Dibenzo(a,h)anthracene	28.918	278	2770600	39.257	ng		99
92) Benzo(g,h,i)perylene	30.030	276	2704833	38.988	ng		100

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025596.D
Acq On : 27 Aug 2025 09:39
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Aug 27 10:55:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration



Sample Results: **BP025596.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025596.D
Acq On : 27 Aug 2025 09:39
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Quant Time: Aug 27 10:55:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	102	-0.02
2		1,4-Dioxane	0.472	0.463	1.9	107	-0.02
3		Pyridine	1.291	1.266	1.9	106	-0.01
4		n-Nitrosodimethylamine	0.532	0.565	-6.2	113	-0.01
5	S	2-Fluorophenol	1.204	1.204	0.0	106	0.00
6		Aniline	2.080	2.093	-0.6	106	-0.01
7	S	Phenol-d6	1.544	1.563	-1.2	106	0.00
8		2-Chlorophenol	1.359	1.356	0.2	106	-0.02
9		Benzaldehyde	1.082	1.320	-22.0	99	-0.01
10	C	Phenol	1.620	1.636	-1.0	106	0.00
11		bis(2-Chloroethyl)ether	1.263	1.242	1.7	104	-0.02
12		1,3-Dichlorobenzene	1.499	1.478	1.4	105	-0.02
13	C	1,4-Dichlorobenzene	1.532	1.511	1.4	105	-0.02
14		1,2-Dichlorobenzene	1.483	1.461	1.5	105	-0.02
15		Benzyl Alcohol	1.227	1.235	-0.7	106	-0.01
16		2,2'-oxybis(1-Chloropropane	1.692	1.723	-1.8	109	-0.02
17		2-Methylphenol	1.125	1.127	-0.2	104	0.00
18		Hexachloroethane	0.563	0.563	0.0	106	-0.02
19	P	n-Nitroso-di-n-propylamine	1.023	1.032	-0.9	107	-0.02
20		3+4-Methylphenols	1.560	1.513	3.0	102	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	103	-0.02
22		Acetophenone	0.502	0.496	1.2	105	-0.02
23	S	Nitrobenzene-d5	0.395	0.395	0.0	106	-0.02
24		Nitrobenzene	0.353	0.352	0.3	105	-0.01
25		Isophorone	0.700	0.708	-1.1	108	-0.02
26	C	2-Nitrophenol	0.181	0.187	-3.3	106	-0.01
27		2,4-Dimethylphenol	0.312	0.310	0.6	103	-0.02
28		bis(2-Chloroethoxy)methane	0.423	0.417	1.4	105	-0.02
29	C	2,4-Dichlorophenol	0.310	0.310	0.0	104	0.00
30		1,2,4-Trichlorobenzene	0.340	0.332	2.4	104	-0.02
31		Naphthalene	1.040	1.018	2.1	105	-0.02
32		Benzoic acid	0.230	0.228	0.9	103	0.00
33		4-Chloroaniline	0.459	0.458	0.2	104	-0.01
34	C	Hexachlorobutadiene	0.211	0.206	2.4	103	-0.02
35		Caprolactam	0.114	0.121	-6.1	113	0.00
36	C	4-Chloro-3-methylphenol	0.355	0.363	-2.3	108	0.00
37		2-Methylnaphthalene	0.676	0.657	2.8	104	-0.02
38		1-Methylnaphthalene	0.719	0.691	3.9	104	-0.01
39	I	Acenaphthene-d10	1.000	1.000	0.0	105	-0.01
40		1,2,4,5-Tetrachlorobenzene	0.578	0.565	2.2	106	-0.02
41	P	Hexachlorocyclopentadiene	0.349	0.280	19.8	85	-0.02
42	S	2,4,6-Tribromophenol	0.269	0.296	-10.0	119	0.00
43	C	2,4,6-Trichlorophenol	0.390	0.385	1.3	106	0.00
44		2,4,5-Trichlorophenol	0.427	0.424	0.7	105	0.00
45	S	2-Fluorobiphenyl	1.463	1.415	3.3	107	-0.01
46		1,1'-Biphenyl	1.453	1.400	3.6	105	-0.02
47		2-Chloronaphthalene	1.131	1.094	3.3	105	-0.02

Sample Results: **BP025596.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025596.D
Acq On : 27 Aug 2025 09:39
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Aug 27 10:55:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
48		2-Nitroaniline	0.329	0.360	-9.4	115	0.00
49		Acenaphthylene	1.871	1.827	2.4	106	0.00
50		Dimethylphthalate	1.465	1.499	-2.3	112	-0.01
51		2,6-Dinitrotoluene	0.309	0.331	-7.1	113	0.00
52	C	Acenaphthene	1.098	1.046	4.7	106	0.00
53		3-Nitroaniline	0.347	0.364	-4.9	112	0.00
54	P	2,4-Dinitrophenol	0.165	0.204	-23.6	131	0.01
55		Dibenzofuran	1.736	1.718	1.0	108	0.00
56	P	4-Nitrophenol	0.285	0.275	3.5	103	0.03
57		2,4-Dinitrotoluene	0.440	0.481	-9.3	116	0.00
58		Fluorene	1.370	1.386	-1.2	112	0.00
59		2,3,4,6-Tetrachlorophenol	0.377	0.394	-4.5	113	0.00
60		Diethylphthalate	1.488	1.550	-4.2	114	0.00
61		4-Chlorophenyl-phenylether	0.681	0.690	-1.3	111	0.00
62		4-Nitroaniline	0.356	0.391	-9.8	117	0.00
63		Azobenzene	1.274	1.363	-7.0	116	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	111	0.00
65		4,6-Dinitro-2-methylphenol	0.125	0.142	-13.6	128	0.00
66	c	n-Nitrosodiphenylamine	0.610	0.593	2.8	111	0.00
67		4-Bromophenyl-phenylether	0.220	0.217	1.4	113	0.00
68		Hexachlorobenzene	0.255	0.256	-0.4	117	0.00
69		Atrazine	0.228	0.234	-2.6	119	0.00
70	C	Pentachlorophenol	0.161	0.155	3.7	109	0.01
71		Phenanthrene	1.099	1.066	3.0	113	0.00
72		Anthracene	1.122	1.113	0.8	114	0.00
73		Carbazole	1.057	1.047	0.9	115	0.01
74		Di-n-butylphthalate	1.300	1.367	-5.2	122	0.00
75	C	Fluoranthene	1.311	1.324	-1.0	119	0.01
76	I	Chrysene-d12	1.000	1.000	0.0	115	0.00
77		Benzidine	0.683	0.635	7.0	76	0.00
78		Pyrene	1.300	1.296	0.3	117	0.01
79	S	Terphenyl-d14	1.093	1.122	-2.7	124	0.00
80		Butylbenzylphthalate	0.589	0.630	-7.0	125	0.00
81		Benzo(a)anthracene	1.319	1.299	1.5	118	-0.01
82		3,3'-Dichlorobenzidine	0.497	0.494	0.6	117	0.00
83		Chrysene	1.235	1.231	0.3	120	0.00
84		Bis(2-ethylhexyl)phthalate	0.867	0.884	-2.0	123	-0.03
85	c	Di-n-octyl phthalate	1.492	1.545	-3.6	123	-0.04
86	I	Perylene-d12	1.000	1.000	0.0	115	-0.03
87		Indeno(1,2,3-cd)pyrene	1.467	1.427	2.7	117	-0.03
88		Benzo(b)fluoranthene	1.179	1.165	1.2	118	-0.02
89		Benzo(k)fluoranthene	1.180	1.169	0.9	119	-0.01
90	C	Benzo(a)pyrene	1.148	1.139	0.8	118	0.00
91		Dibenzo(a,h)anthracene	1.199	1.176	1.9	117	-0.04
92		Benzo(g,h,i)perylene	1.178	1.148	2.5	116	-0.03

Sample Results: **BP025596.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025596.D
Acq On : 27 Aug 2025 09:39
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Aug 27 10:55:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

Sample Results: **BP025596.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025596.D
Acq On : 27 Aug 2025 09:39
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Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	102	-0.02
2		1,4-Dioxane	40.000	39.219	2.0	107	-0.02
3		Pyridine	40.000	39.220	2.0	106	-0.01
4		n-Nitrosodimethylamine	40.000	42.492	-6.2	113	-0.01
5	S	2-Fluorophenol	80.000	79.975	0.0	106	0.00
6		Aniline	40.000	40.251	-0.6	106	-0.01
7	S	Phenol-d6	80.000	80.965	-1.2	106	0.00
8		2-Chlorophenol	40.000	39.900	0.3	106	-0.02
9		Benzaldehyde	40.000	48.816	-22.0	99	-0.01
10	C	Phenol	40.000	40.395	-1.0	106	0.00
11		bis(2-Chloroethyl)ether	40.000	39.351	1.6	104	-0.02
12		1,3-Dichlorobenzene	40.000	39.463	1.3	105	-0.02
13	C	1,4-Dichlorobenzene	40.000	39.448	1.4	105	-0.02
14		1,2-Dichlorobenzene	40.000	39.411	1.5	105	-0.02
15		Benzyl Alcohol	40.000	40.264	-0.7	106	-0.01
16		2,2'-oxybis(1-Chloropropane	40.000	40.735	-1.8	109	-0.02
17		2-Methylphenol	40.000	40.055	-0.1	104	0.00
18		Hexachloroethane	40.000	39.962	0.1	106	-0.02
19	P	n-Nitroso-di-n-propylamine	40.000	40.352	-0.9	107	-0.02
20		3+4-Methylphenols	40.000	38.796	3.0	102	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	103	-0.02
22		Acetophenone	40.000	39.578	1.1	105	-0.02
23	S	Nitrobenzene-d5	80.000	79.850	0.2	106	-0.02
24		Nitrobenzene	40.000	39.829	0.4	105	-0.01
25		Isophorone	40.000	40.465	-1.2	108	-0.02
26	C	2-Nitrophenol	40.000	41.159	-2.9	106	-0.01
27		2,4-Dimethylphenol	40.000	39.733	0.7	103	-0.02
28		bis(2-Chloroethoxy)methane	40.000	39.429	1.4	105	-0.02
29	C	2,4-Dichlorophenol	40.000	40.026	-0.1	104	0.00
30		1,2,4-Trichlorobenzene	40.000	39.108	2.2	104	-0.02
31		Naphthalene	40.000	39.174	2.1	105	-0.02
32		Benzoic acid	40.000	39.533	1.2	103	0.00
33		4-Chloroaniline	40.000	39.937	0.2	104	-0.01
34	C	Hexachlorobutadiene	40.000	38.868	2.8	103	-0.02
35		Caprolactam	40.000	42.433	-6.1	113	0.00
36	C	4-Chloro-3-methylphenol	40.000	40.805	-2.0	108	0.00
37		2-Methylnaphthalene	40.000	38.853	2.9	104	-0.02
38		1-Methylnaphthalene	40.000	38.444	3.9	104	-0.01
39	I	Acenaphthene-d10	20.000	20.000	0.0	105	-0.01
40		1,2,4,5-Tetrachlorobenzene	40.000	39.126	2.2	106	-0.02
41	P	Hexachlorocyclopentadiene	40.000	32.135	19.7	85	-0.02
42	S	2,4,6-Tribromophenol	80.000	88.074	-10.1	119	0.00
43	C	2,4,6-Trichlorophenol	40.000	39.534	1.2	106	0.00
44		2,4,5-Trichlorophenol	40.000	39.644	0.9	105	0.00
45	S	2-Fluorobiphenyl	80.000	77.334	3.3	107	-0.01
46		1,1'-Biphenyl	40.000	38.565	3.6	105	-0.02
47		2-Chloronaphthalene	40.000	38.712	3.2	105	-0.02

Sample Results: **BP025596.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025596.D
Acq On : 27 Aug 2025 09:39
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Aug 27 10:55:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48		2-Nitroaniline	40.000	43.663	-9.2	115	0.00
49		Acenaphthylene	40.000	39.053	2.4	106	0.00
50		Dimethylphthalate	40.000	40.927	-2.3	112	-0.01
51		2,6-Dinitrotoluene	40.000	42.909	-7.3	113	0.00
52	C	Acenaphthene	40.000	38.097	4.8	106	0.00
53		3-Nitroaniline	40.000	41.964	-4.9	112	0.00
54	P	2,4-Dinitrophenol	40.000	49.446	-23.6	131	0.01
55		Dibenzofuran	40.000	39.579	1.1	108	0.00
56	P	4-Nitrophenol	40.000	38.484	3.8	103	0.03
57		2,4-Dinitrotoluene	40.000	43.722	-9.3	116	0.00
58		Fluorene	40.000	40.461	-1.2	112	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	41.718	-4.3	113	0.00
60		Diethylphthalate	40.000	41.670	-4.2	114	0.00
61		4-Chlorophenyl-phenylether	40.000	40.522	-1.3	111	0.00
62		4-Nitroaniline	40.000	43.872	-9.7	117	0.00
63		Azobenzene	40.000	42.799	-7.0	116	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	111	0.00
65		4,6-Dinitro-2-methylphenol	40.000	45.462	-13.7	128	0.00
66	c	n-Nitrosodiphenylamine	40.000	38.921	2.7	111	0.00
67		4-Bromophenyl-phenylether	40.000	39.510	1.2	113	0.00
68		Hexachlorobenzene	40.000	40.236	-0.6	117	0.00
69		Atrazine	40.000	41.026	-2.6	119	0.00
70	C	Pentachlorophenol	40.000	38.540	3.7	109	0.01
71		Phenanthrene	40.000	38.815	3.0	113	0.00
72		Anthracene	40.000	39.688	0.8	114	0.00
73		Carbazole	40.000	39.618	1.0	115	0.01
74		Di-n-butylphthalate	40.000	42.068	-5.2	122	0.00
75	C	Fluoranthene	40.000	40.422	-1.1	119	0.01
76	I	Chrysene-d12	20.000	20.000	0.0	115	0.00
77		Benzidine	40.000	37.234	6.9	76	0.00
78		Pyrene	40.000	39.867	0.3	117	0.01
79	S	Terphenyl-d14	80.000	82.140	-2.7	124	0.00
80		Butylbenzylphthalate	40.000	42.763	-6.9	125	0.00
81		Benzo(a)anthracene	40.000	39.398	1.5	118	-0.01
82		3,3'-Dichlorobenzidine	40.000	39.757	0.6	117	0.00
83		Chrysene	40.000	39.874	0.3	120	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	40.773	-1.9	123	-0.03
85	c	Di-n-octyl phthalate	40.000	41.423	-3.6	123	-0.04
86	I	Perylene-d12	20.000	20.000	0.0	115	-0.03
87		Indeno(1,2,3-cd)pyrene	40.000	38.915	2.7	117	-0.03
88		Benzo(b)fluoranthene	40.000	39.525	1.2	118	-0.02
89		Benzo(k)fluoranthene	40.000	39.635	0.9	119	-0.01
90	C	Benzo(a)pyrene	40.000	39.681	0.8	118	0.00
91		Dibenzo(a,h)anthracene	40.000	39.257	1.9	117	-0.04
92		Benzo(g,h,i)perylene	40.000	38.988	2.5	116	-0.03

Sample Results: **BP025596.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025596.D
Acq On : 27 Aug 2025 09:39
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Aug 27 10:55:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 25% Max. Rel. Area : 150%

Compound	Amount	Calc.	%Dev	Area%	Dev(min)

(#) = Out of Range SPCC's out = 0 CCC's out = 0

QC SAMPLE DATA

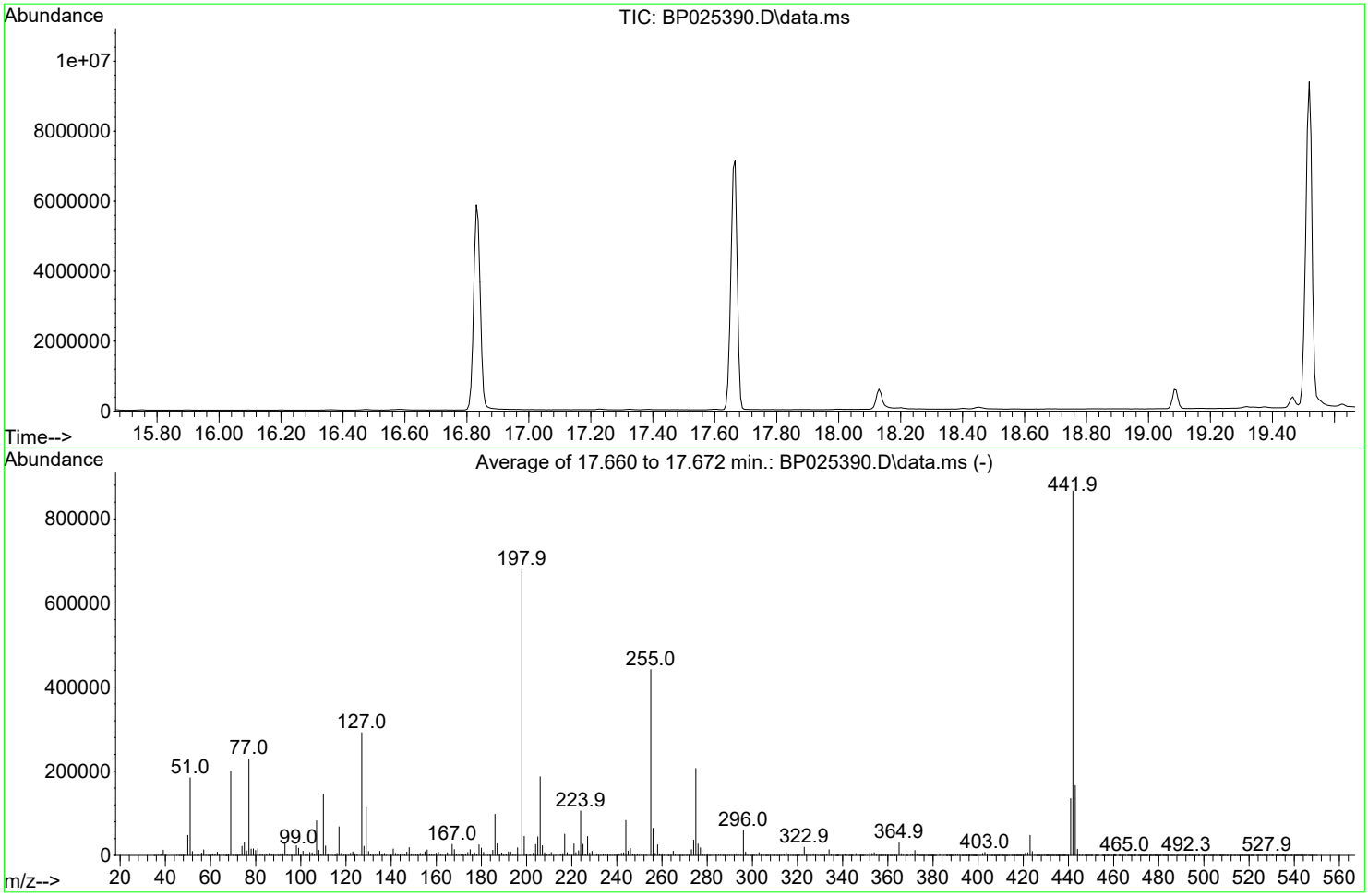
Sample Results: **BP025390.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025390.D
Acq On : 14 Aug 2025 10:30
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Aug 14 18:14:31 2025



AutoFind: Scans 2503, 2504, 2505; Background Corrected with Scan 2494

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.6	3290	PASS
69	69	100	100	100.0	199967	PASS
70	69	0.00	2	0.4	716	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	680138	PASS
199	198	5	9	6.7	45247	PASS
365	198	1	100	4.4	29981	PASS
441	443	0.01	150	81.3	135091	PASS
442	442	100	100	100.0	866023	PASS
443	442	15	24	19.2	166133	PASS

DDT Breakdown

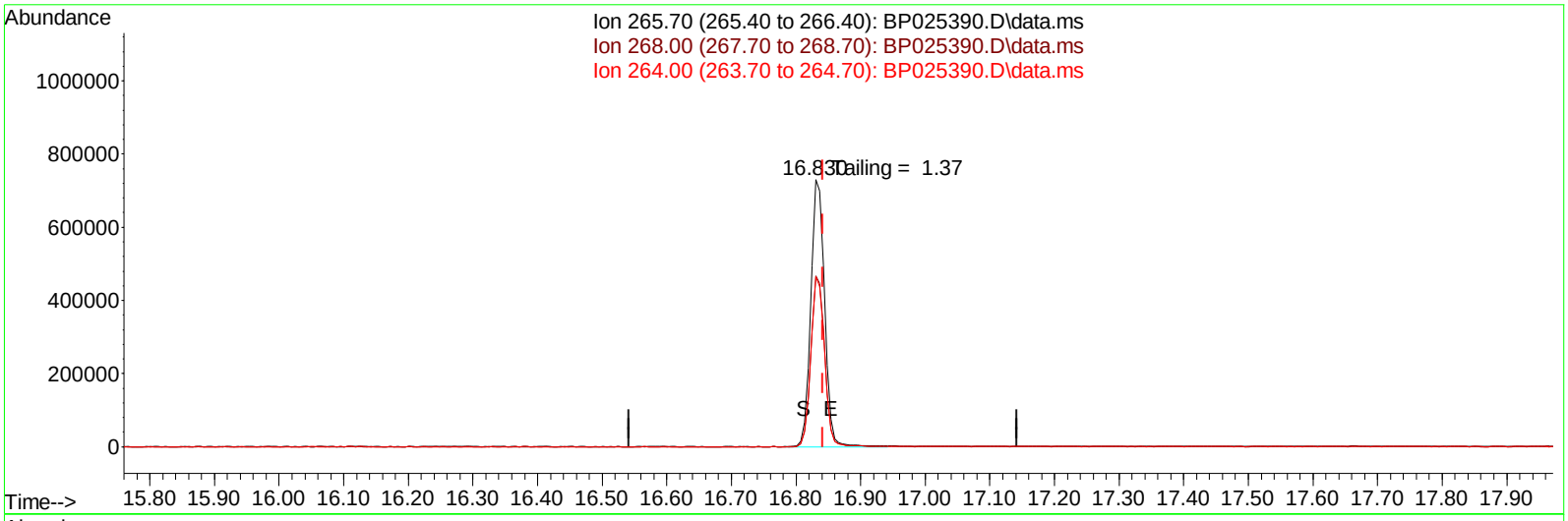
Date	Instrument Name	DFTPP Data File
8/14/2025	BNA_P	BP025390.D
Compound Name	**Response**	**Retention Time**
DDT	2976098	20.818
DDD	52170	20.407
DDE	9165	19.824
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
61335	3037433	2.02

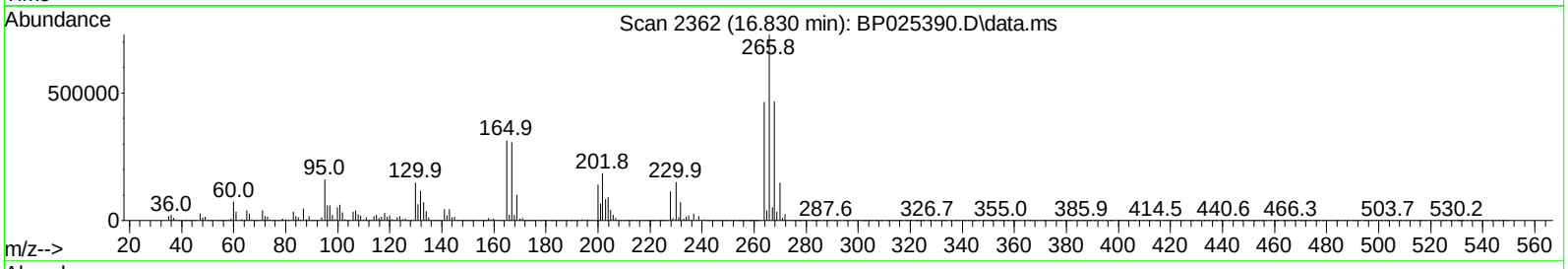
Instrument :
BNA_P
ClientSampleId :
DFTPP

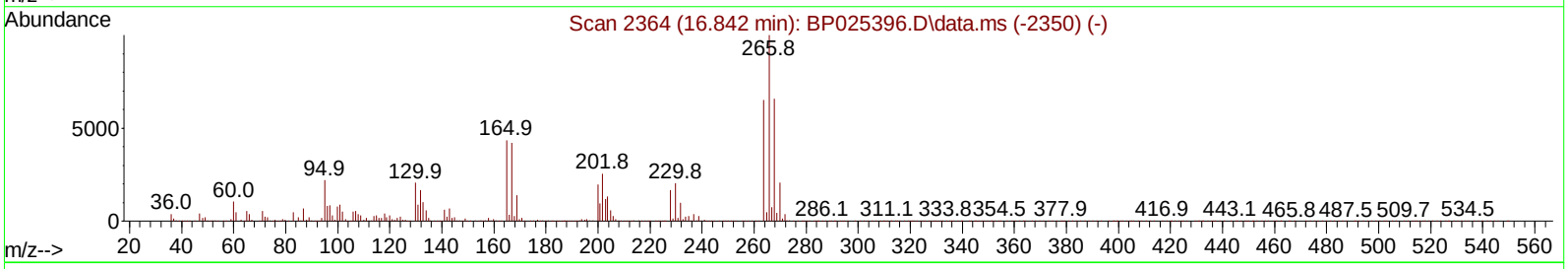
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025390.D
Acq On : 14 Aug 2025 10:30
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Aug 14 18:17:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration







TIC: BP025390.D\data.ms

(70) Pentachlorophenol (C)

16.830min (-0.012) 61985.64 ng

response 1096483

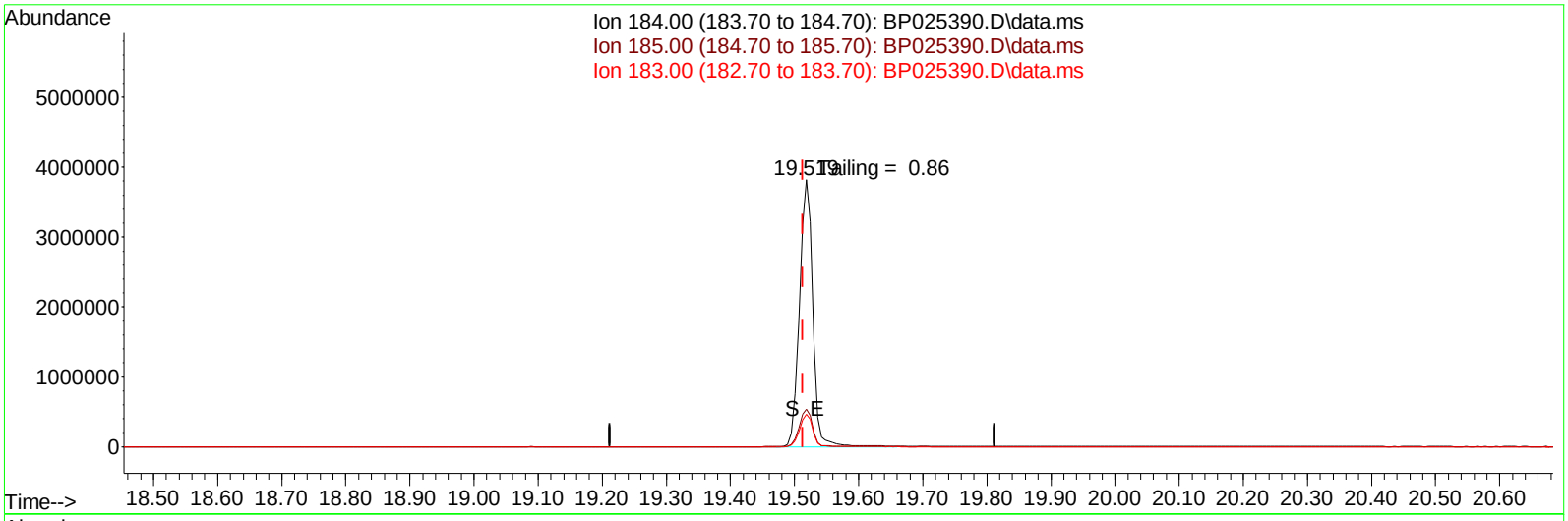
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	65.80	64.04
264.00	65.00	63.79
0.00	0.00	0.00

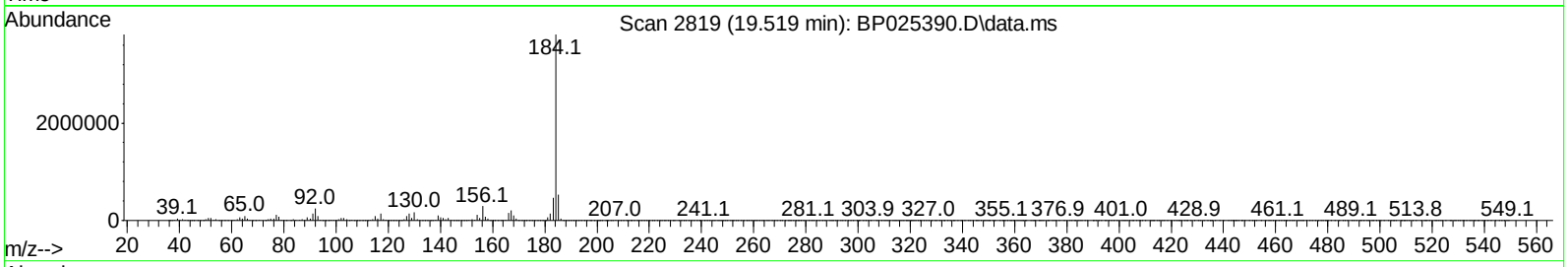
Sample Results: **BP025390.D**

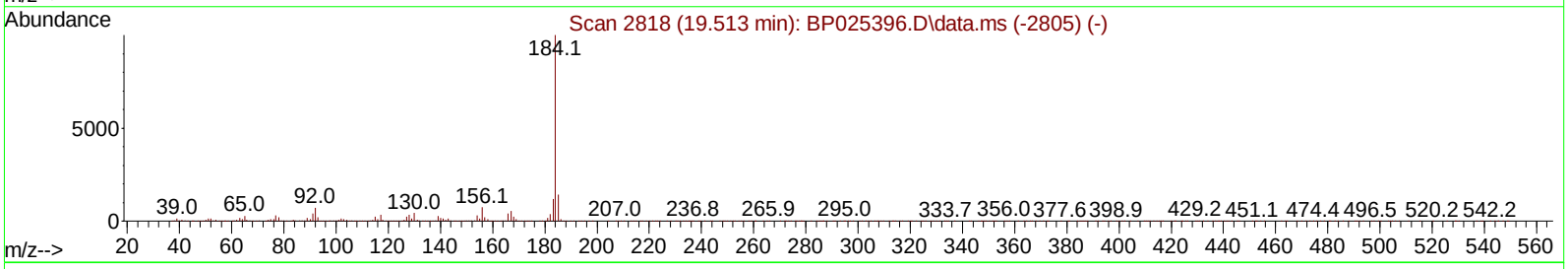
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081425\
Data File : BP025390.D
Acq On : 14 Aug 2025 10:30
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Aug 14 18:17:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration







TIC: BP025390.D\data.ms

(77) Benzidine

19.519min (+ 0.006) 64482.34 ng

response 5499416

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.40	14.03
183.00	11.80	12.10
0.00	0.00	0.00

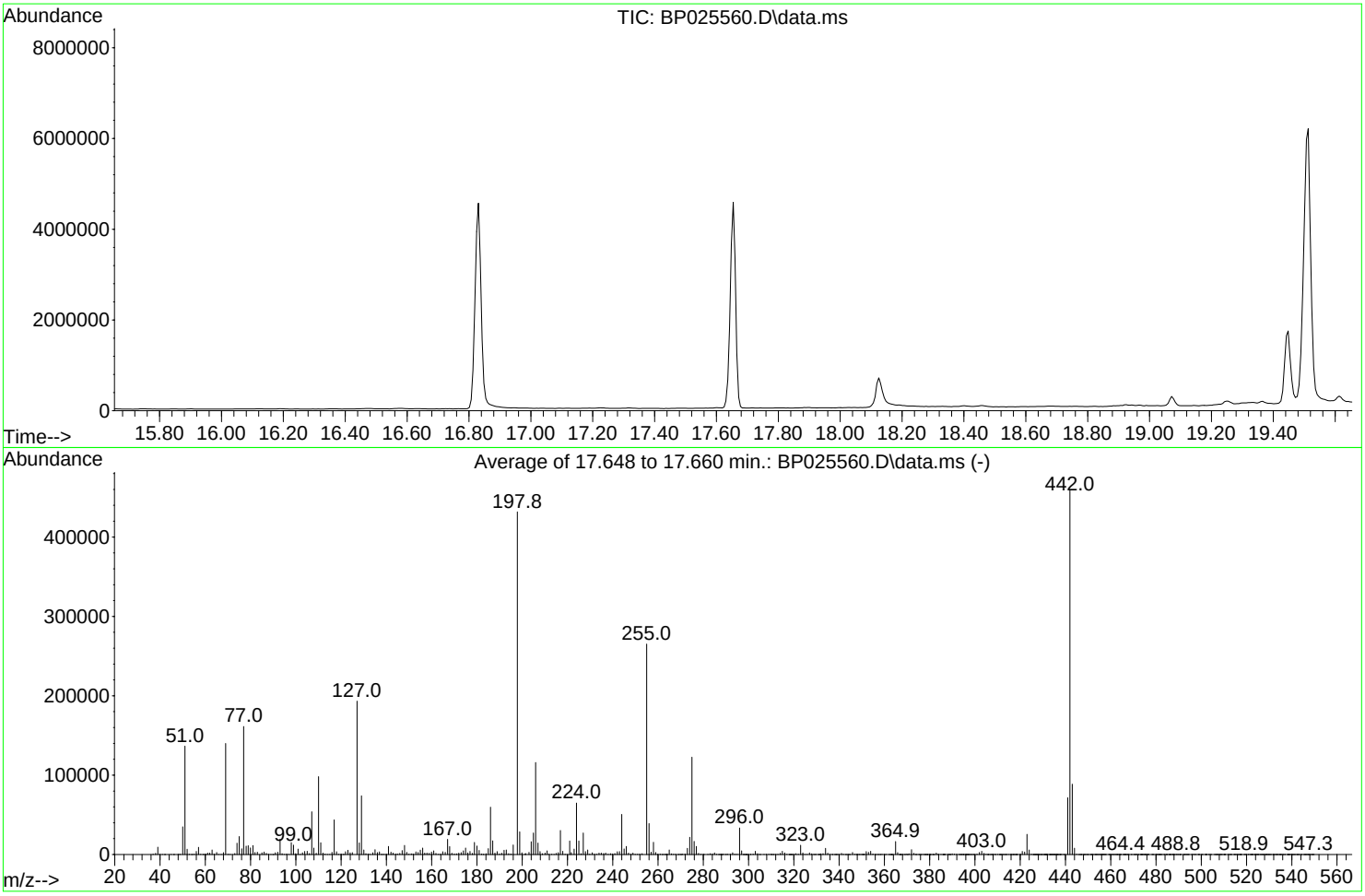
Sample Results: **BP025560.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082525\
Data File : BP025560.D
Acq On : 25 Aug 2025 10:24
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Aug 14 18:14:31 2025



AutoFind: Scans 2501, 2502, 2503; Background Corrected with Scan 2491

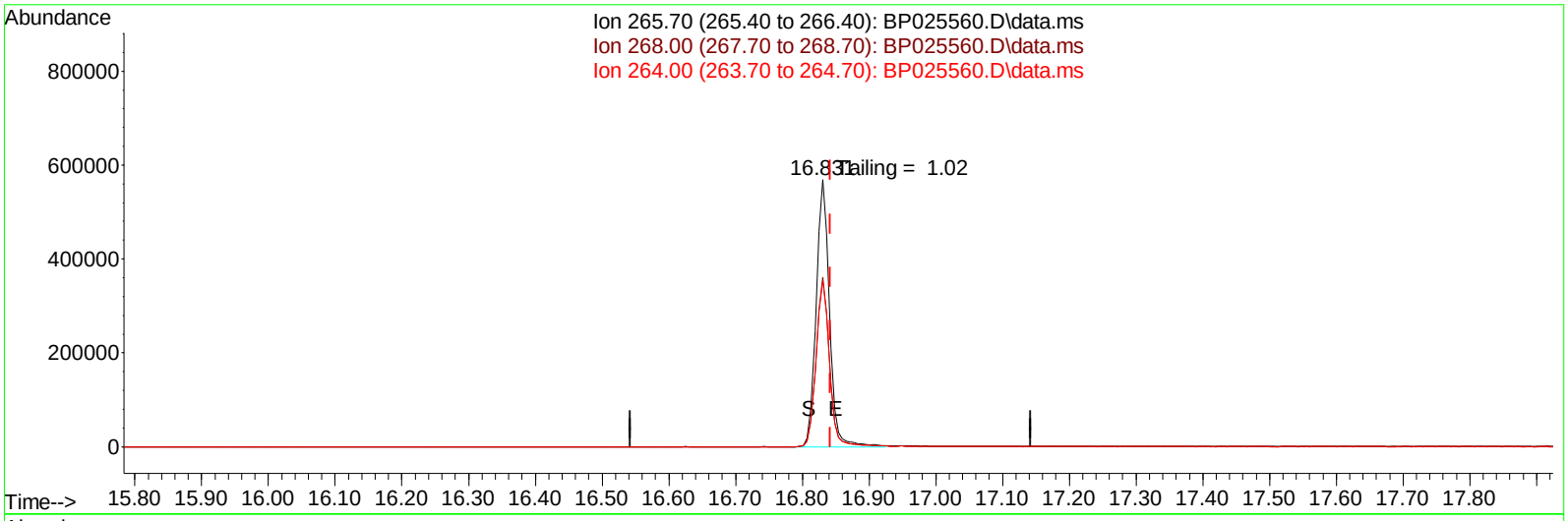
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.7	2382	PASS
69	69	100	100	100.0	139943	PASS
70	69	0.00	2	0.3	445	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	431644	PASS
199	198	5	9	6.6	28690	PASS
365	198	1	100	3.8	16344	PASS
441	443	0.01	150	80.8	71635	PASS
442	442	100	100	100.0	458603	PASS
443	442	15	24	19.3	88643	PASS

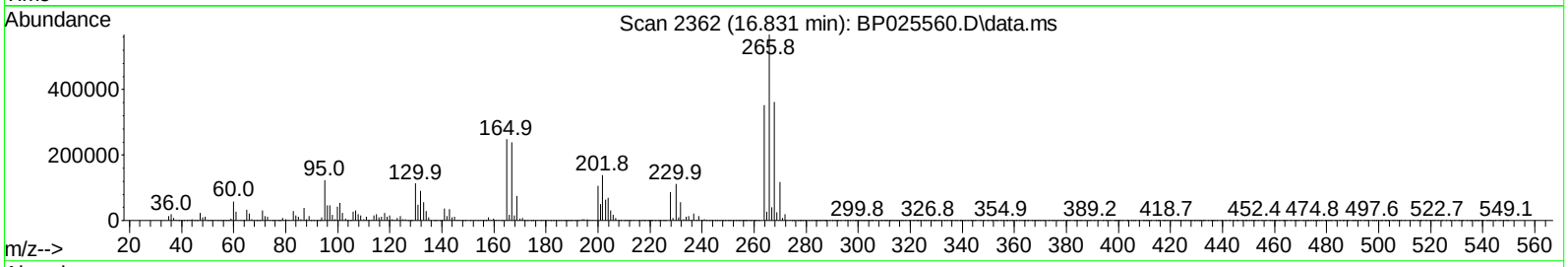
Sample Results: **BP025560.D**

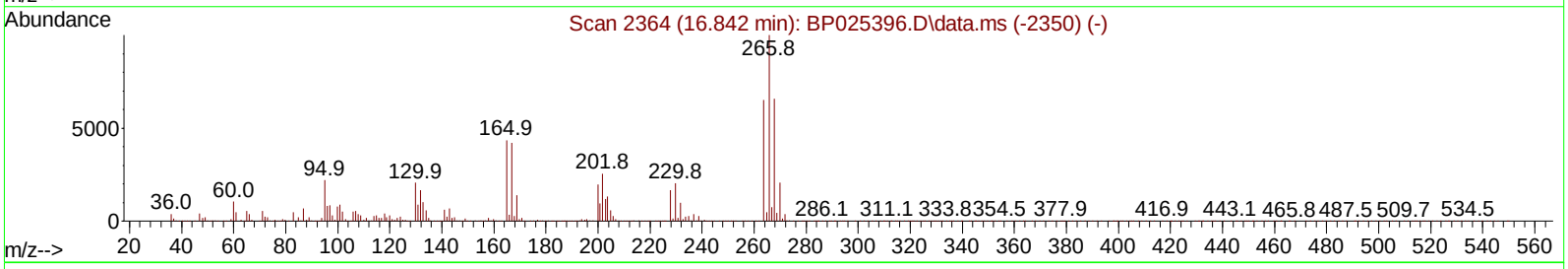
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082525\
Data File : BP025560.D
Acq On : 25 Aug 2025 10:24
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Aug 25 12:41:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration







TIC: BP025560.D\data.ms

(70) Pentachlorophenol (C)

16.831min (-0.012) 30402.24 ng

response 788586

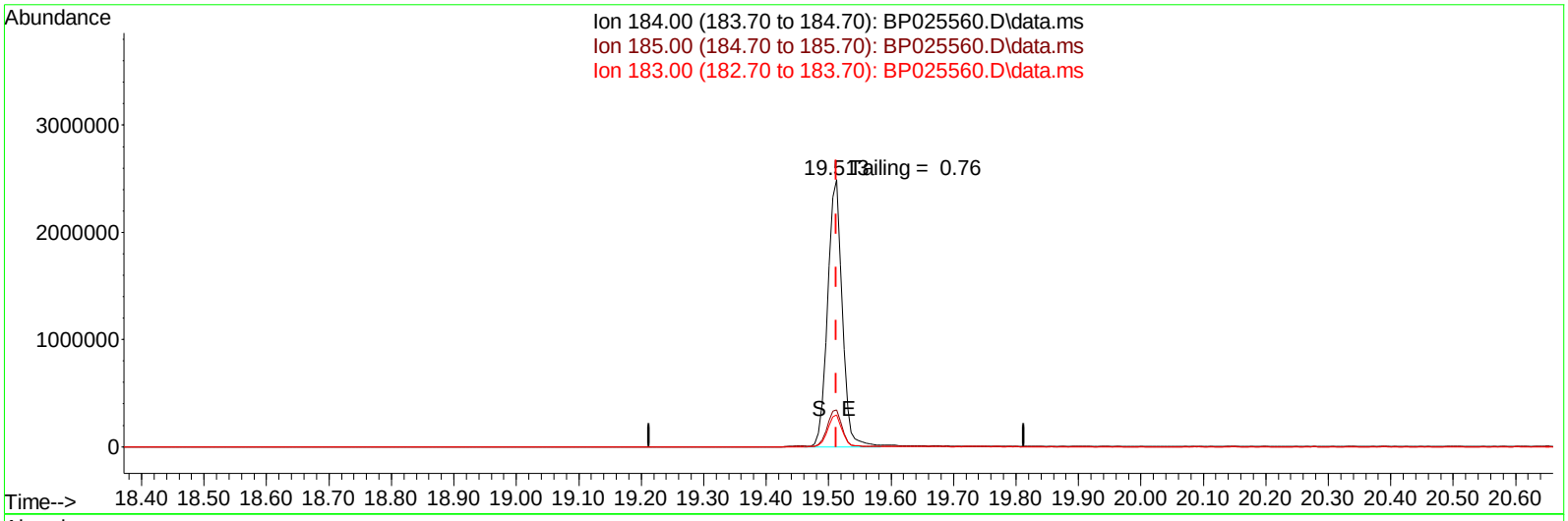
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	65.80	63.60
264.00	65.00	62.15
0.00	0.00	0.00

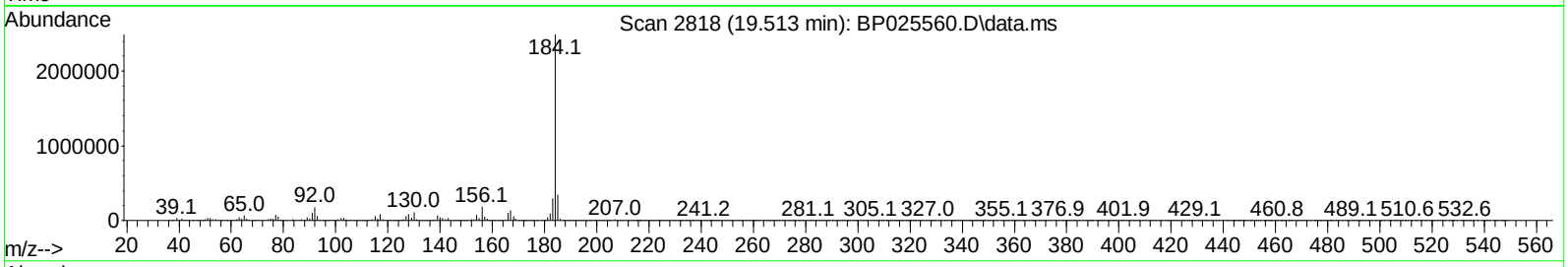
Sample Results: **BP025560.D**

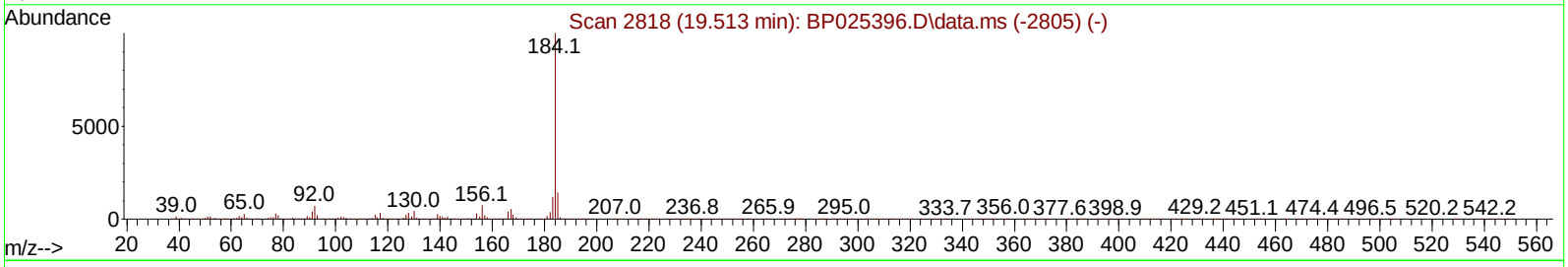
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082525\
Data File : BP025560.D
Acq On : 25 Aug 2025 10:24
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Aug 25 12:41:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration







TIC: BP025560.D\data.ms

(77) Benzidine

19.513min (+ 0.000) 18802.33 ng

response 4079827

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.40	13.93
183.00	11.80	12.00
0.00	0.00	0.00

DDT Breakdown

Date	Instrument Name	DFTPP Data File
8/25/2025	BNA_P	BP025560.D
Compound Name	**Response**	**Retention Time**
DDT	2097133	20.807
DDD	38651	20.342
DDE	4733	19.819
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
43384	2140517	2.03

Instrument :
BNA_P
ClientSampleId :
DFTPP

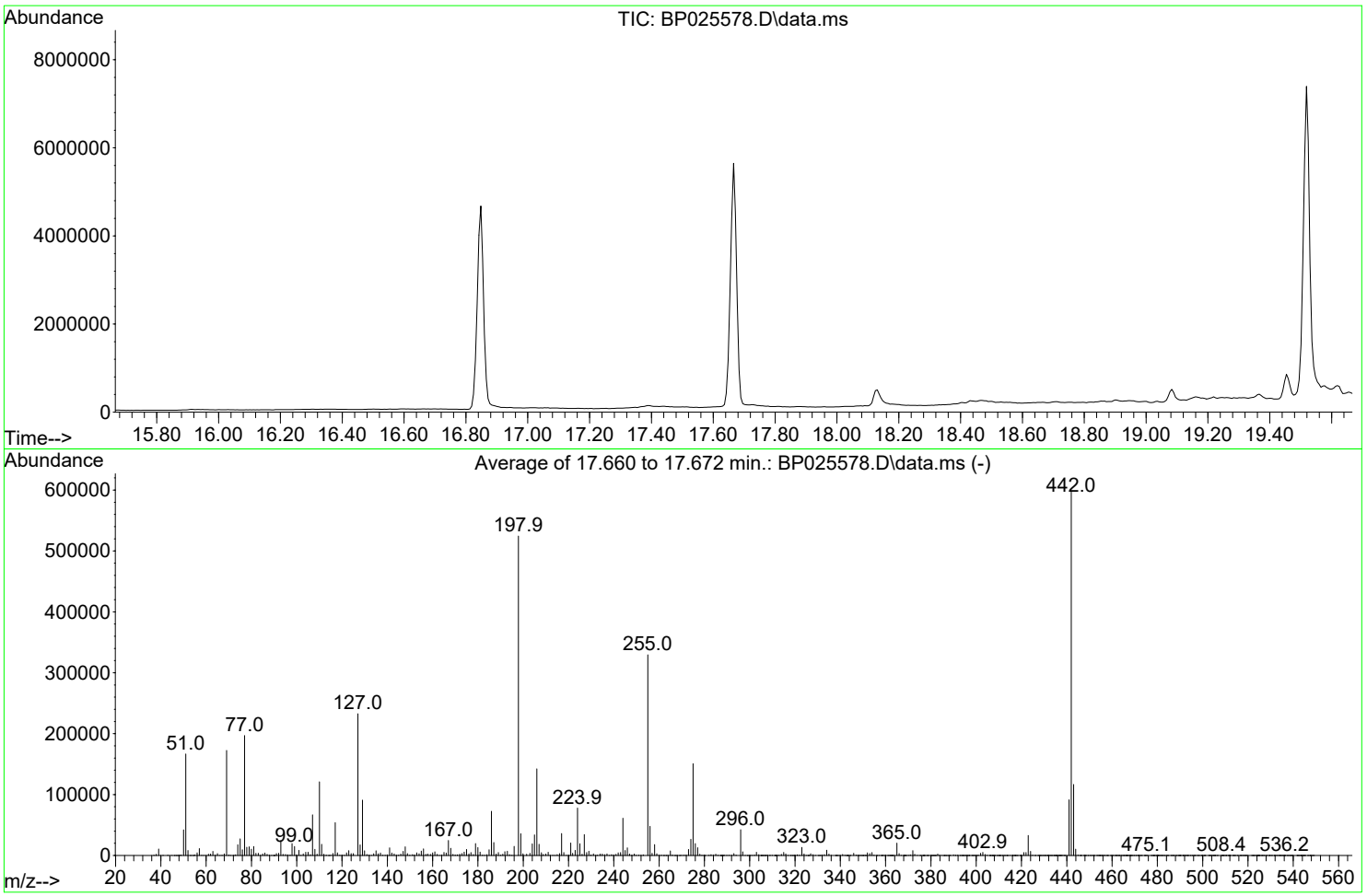
Sample Results: **BP025578.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025578.D
Acq On : 26 Aug 2025 08:59
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Aug 14 18:14:31 2025



AutoFind: Scans 2503, 2504, 2505; Background Corrected with Scan 2493

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.6	2756	PASS
69	69	100	100	100.0	172546	PASS
70	69	0.00	2	0.6	1035	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	524501	PASS
199	198	5	9	6.8	35733	PASS
365	198	1	100	3.9	20440	PASS
441	443	0.01	150	78.3	91453	PASS
442	442	100	100	100.0	597035	PASS
443	442	15	24	19.6	116747	PASS

DDT Breakdown

Date	Instrument Name	DFTPP Data File
8/26/2025	BNA_P	BP025578.D
Compound Name	**Response**	**Retention Time**
DDT	2136201	20.813
DDD	101241	20.354
DDE	5903	19.819
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
107144	2243345	4.78

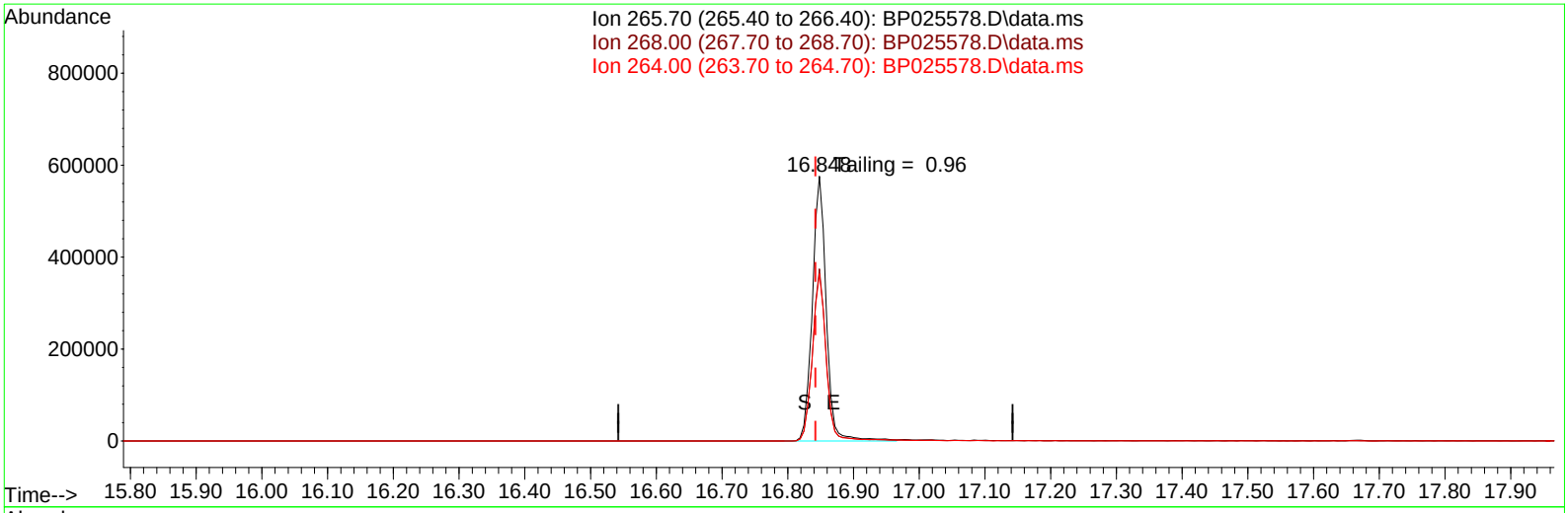
Instrument :
BNA_P
ClientSampleId :
DFTPP

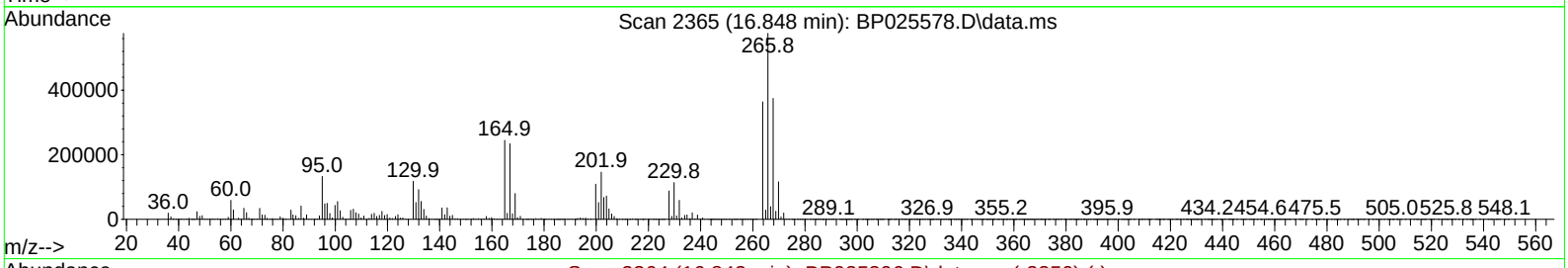
Sample Results: **BP025578.D**

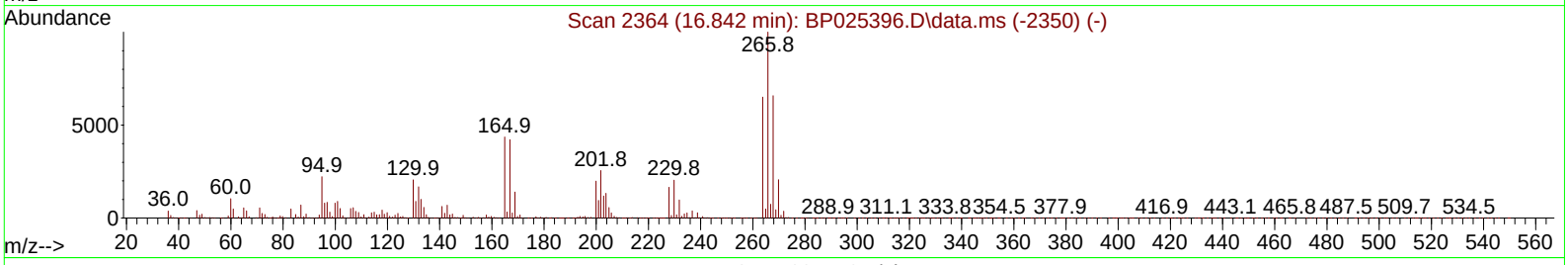
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025578.D
Acq On : 26 Aug 2025 08:59
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Aug 26 09:35:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration







TIC: BP025578.D\data.ms

(70) Pentachlorophenol (C)

16.848min (+ 0.006) 901788.49 ng

response 849129

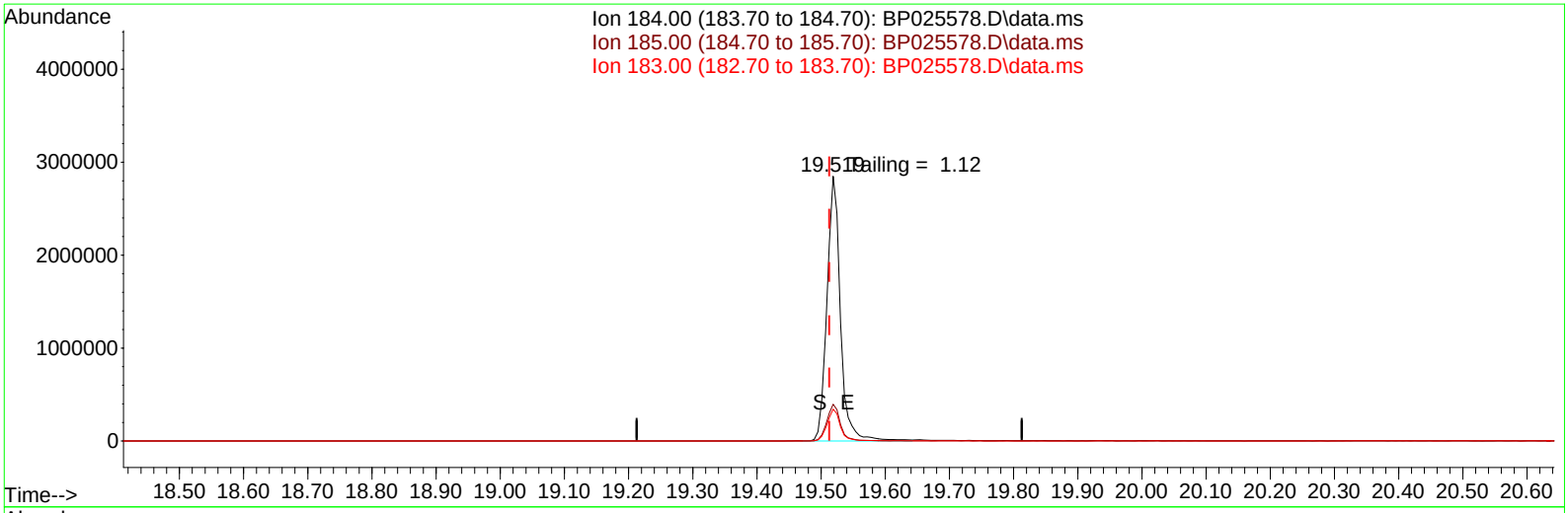
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	65.80	64.98
264.00	65.00	63.17
0.00	0.00	0.00

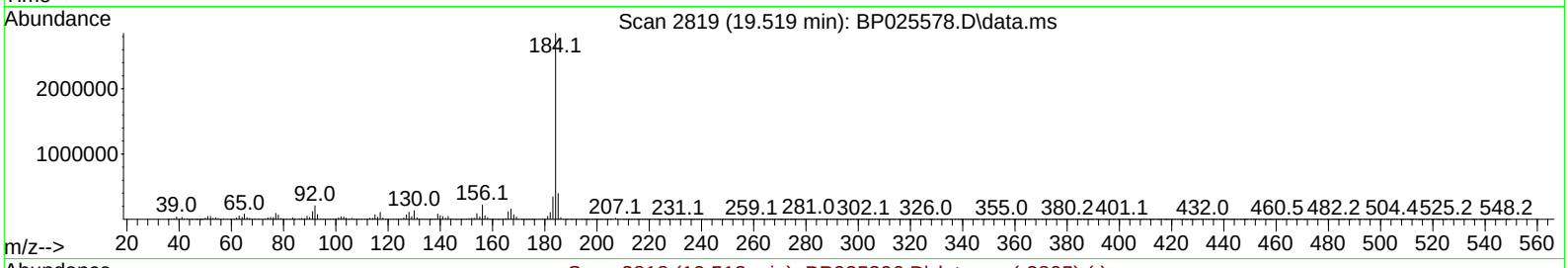
Sample Results: **BP025578.D**

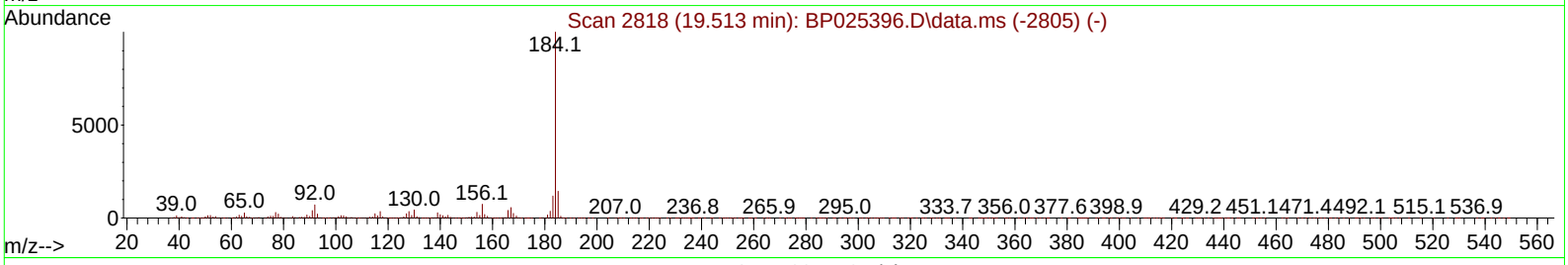
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025578.D
Acq On : 26 Aug 2025 08:59
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Aug 26 09:35:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration







TIC: BP025578.D\data.ms

(77) Benzidine

19.519min (+ 0.006) 262076.27 ng

response 4167956

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.40	13.88
183.00	11.80	12.08
0.00	0.00	0.00

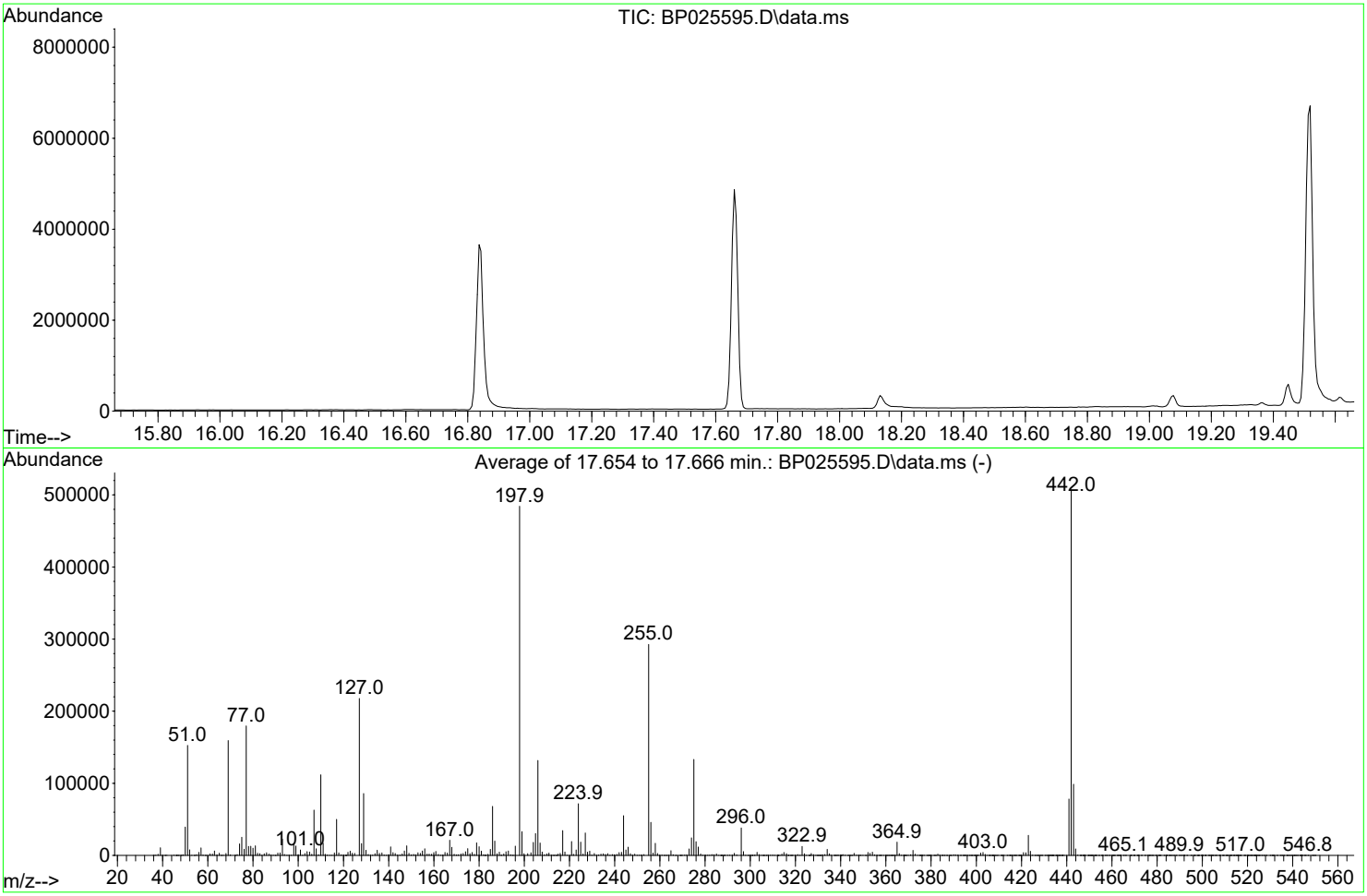
Sample Results: **BP025595.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025595.D
Acq On : 27 Aug 2025 08:58
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Aug 14 18:14:31 2025



AutoFind: Scans 2502, 2503, 2504; Background Corrected with Scan 2495

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.7	2647	PASS
69	69	100	100	100.0	159279	PASS
70	69	0.00	2	0.6	914	PASS
197	198	0.00	2	0.0	0	PASS
198	198	100	100	100.0	484263	PASS
199	198	5	9	6.8	33059	PASS
365	198	1	100	3.8	18407	PASS
441	443	0.01	150	79.2	78301	PASS
442	442	100	100	100.0	505318	PASS
443	442	15	24	19.6	98803	PASS

DDT Breakdown

Date	Instrument Name	DFTPP Data File
8/27/2025	BNA_P	BP025595.D
Compound Name	**Response**	**Retention Time**
DDT	2242813	20.807
DDD	65606	20.342
DDE	9202	19.819
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
74808	2317621	3.23

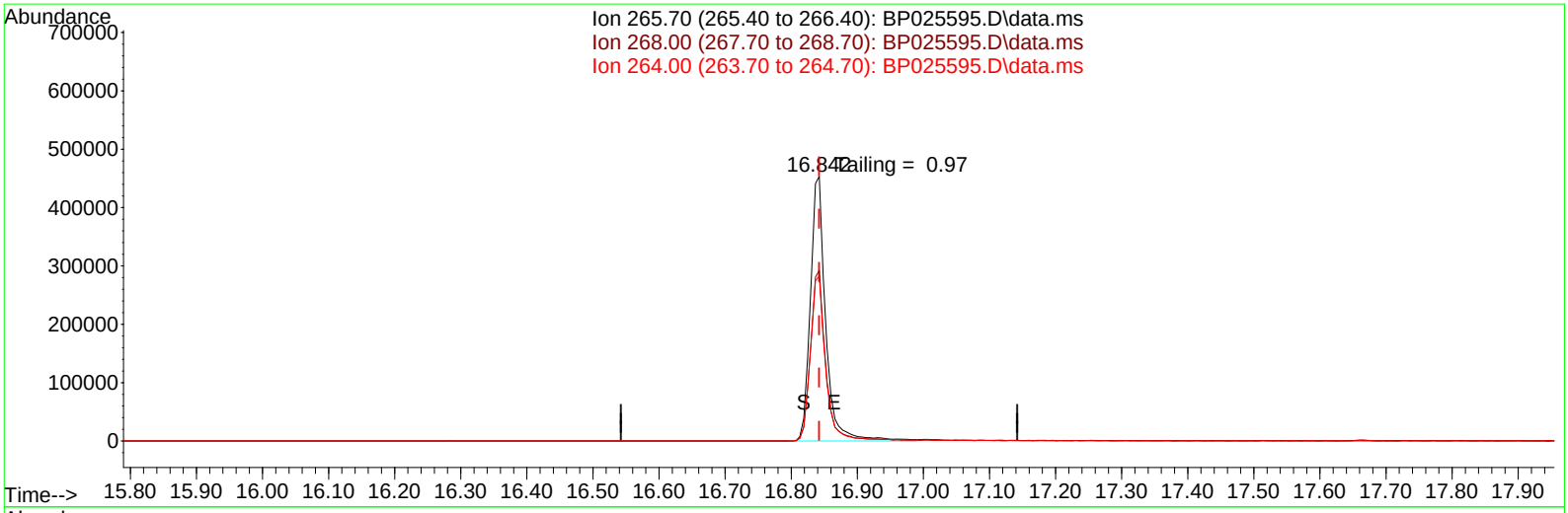
Instrument :
BNA_P
ClientSampleId :
DFTPP

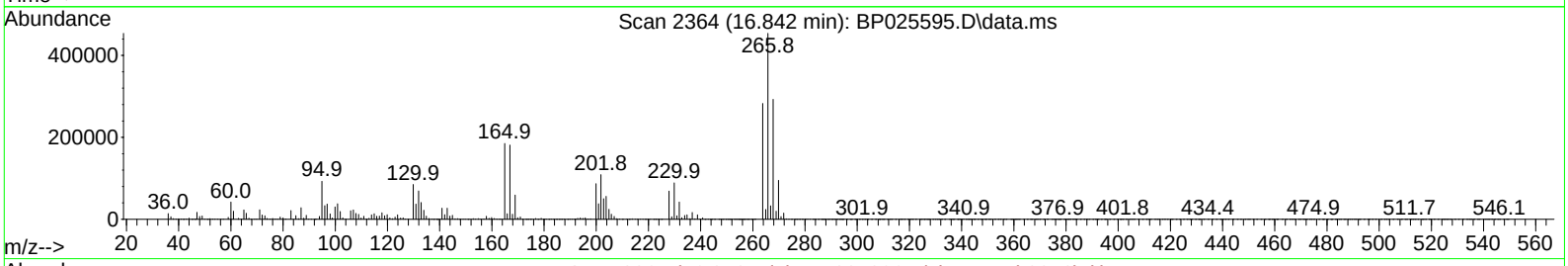
Sample Results: **BP025595.D**

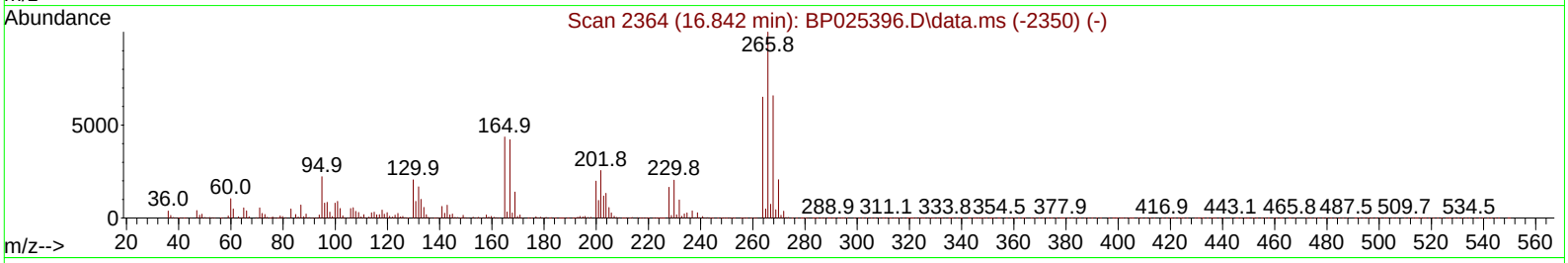
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025595.D
Acq On : 27 Aug 2025 08:58
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Aug 27 16:26:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration







TIC: BP025595.D\data.ms

(70) Pentachlorophenol (C)

16.842min (+ 0.000) 1966640.70 ng

response 728058

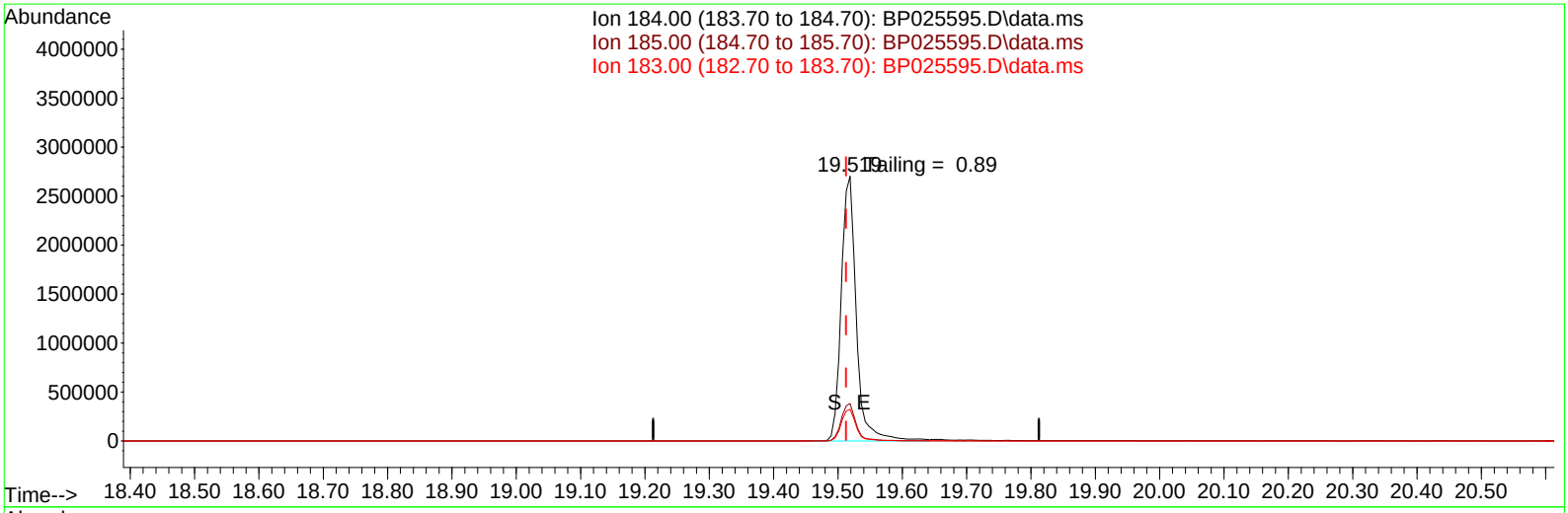
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	65.80	64.47
264.00	65.00	62.33
0.00	0.00	0.00

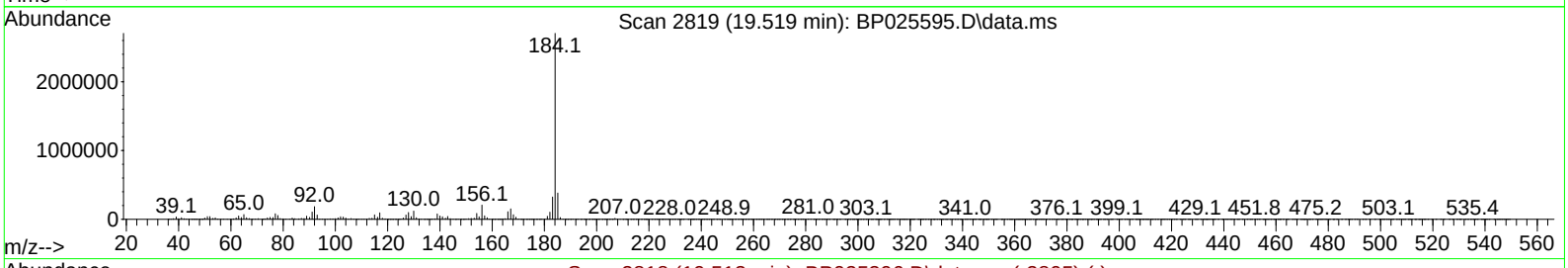
Sample Results: **BP025595.D**

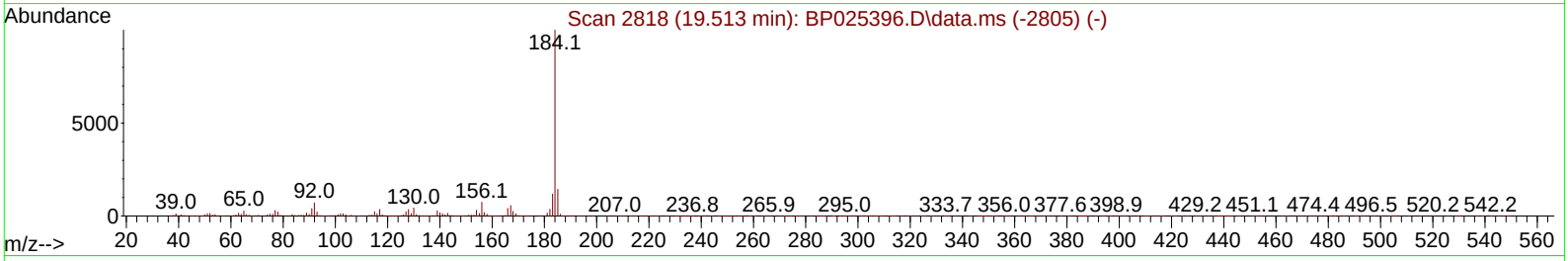
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025595.D
Acq On : 27 Aug 2025 08:58
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Aug 27 16:26:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration







TIC: BP025595.D\data.ms

(77) Benzidine

19.519min (+ 0.006) 862145.80 ng

response 4384060

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.40	14.17
183.00	11.80	11.99
0.00	0.00	0.00

Raw Data: **BP025562.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:	120 Petro NJ			Date Received:	
Client Sample ID:	PB169362BL			SDG No.:	Q2921
Lab Sample ID:	PB169362BL			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
BP025562.D	1	08/22/25 10:34	08/25/25 12:54	PB169362

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

Raw Data: **BP025562.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:	120 Petro NJ	Date Received:	
Client Sample ID:	PB169362BL	SDG No.:	Q2921
Lab Sample ID:	PB169362BL	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
BP025562.D	1	08/22/25 10:34	08/25/25 12:54	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	0.75	U	0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	0.92	U	0.92	5.00	ug/L
99-09-2	3-Nitroaniline	1.10	U	1.10	5.00	ug/L
83-32-9	Acenaphthene	0.55	U	0.55	5.00	ug/L
51-28-5	2,4-Dinitrophenol	6.00	U	6.00	10.0	ug/L
100-02-7	4-Nitrophenol	2.40	U	2.40	10.0	ug/L
132-64-9	Dibenzofuran	0.61	U	0.61	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	1.20	U	1.20	5.00	ug/L
84-66-2	Diethylphthalate	0.69	U	0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.68	U	0.68	5.00	ug/L
86-73-7	Fluorene	0.63	U	0.63	5.00	ug/L
100-01-6	4-Nitroaniline	1.50	U	1.50	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.90	U	2.90	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	0.58	U	0.58	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	0.40	U	0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	0.52	U	0.52	5.00	ug/L
1912-24-9	Atrazine	1.00	U	1.00	5.00	ug/L
87-86-5	Pentachlorophenol	1.60	U	1.60	10.0	ug/L
85-01-8	Phenanthrene	0.50	U	0.50	5.00	ug/L
120-12-7	Anthracene	0.61	U	0.61	5.00	ug/L
86-74-8	Carbazole	0.72	U	0.72	5.00	ug/L
84-74-2	Di-n-butylphthalate	1.20	U	1.20	5.00	ug/L
206-44-0	Fluoranthene	0.82	U	0.82	5.00	ug/L
129-00-0	Pyrene	0.50	U	0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	1.90	U	1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	0.93	U	0.93	10.0	ug/L
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

Raw Data: **BP025562.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:	120 Petro NJ			Date Received:			
Client Sample ID:	PB169362BL			SDG No.:	Q2921		
Lab Sample ID:	PB169362BL			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
BP025562.D	1	08/22/25 10:34	08/25/25 12:54	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
95-94-3	1,2,4,5-Tetrachlorobenzene	0.52	U	0.52	5.00	ug/L
123-91-1	1,4-Dioxane	1.00	U	1.00	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.72	U	0.72	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	125		23 - 138	83%	SPK: 150
13127-88-3	Phenol-d6	120		10 - 134	80%	SPK: 150
4165-60-0	Nitrobenzene-d5	75.8		67 - 132	76%	SPK: 100
321-60-8	2-Fluorobiphenyl	73.3		52 - 132	73%	SPK: 100
118-79-6	2,4,6-Tribromophenol	123		44 - 137	82%	SPK: 150
1718-51-0	Terphenyl-d14	70.1		42 - 152	70%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	173000	7.778			
1146-65-2	Naphthalene-d8	666000	10.543			
15067-26-2	Acenaphthene-d10	425000	14.389			
1517-22-2	Phenanthrene-d10	891000	17.189			
1719-03-5	Chrysene-d12	1140000	21.63			
1520-96-3	Perylene-d12	1290000	25.001			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	7.70	A		4.94	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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082525\
Data File : BP025562.D
Acq On : 25 Aug 2025 12:54
Operator : CG/JU
Sample : PB169362BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169362BL

Quant Time: Aug 25 13:15:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.778	152	173347	20.000	ng	-0.02
21) Naphthalene-d8	10.543	136	665603	20.000	ng	-0.02
39) Acenaphthene-d10	14.389	164	424932	20.000	ng	-0.02
64) Phenanthrene-d10	17.189	188	890876	20.000	ng	#-0.01
76) Chrysene-d12	21.630	240	1139399	20.000	ng	-0.02
86) Perylene-d12	25.001	264	1287992	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.402	112	1305735	125.092	ng	0.00
7) Phenol-d6	6.960	99	1606270	120.026	ng	0.00
23) Nitrobenzene-d5	8.919	82	997167	75.784	ng	-0.02
42) 2,4,6-Tribromophenol	15.913	330	703438	122.987	ng	0.00
45) 2-Fluorobiphenyl	13.001	172	2279423	73.312	ng	-0.02
79) Terphenyl-d14	19.907	244	4365584	70.100	ng	-0.01
Target Compounds						Qvalue

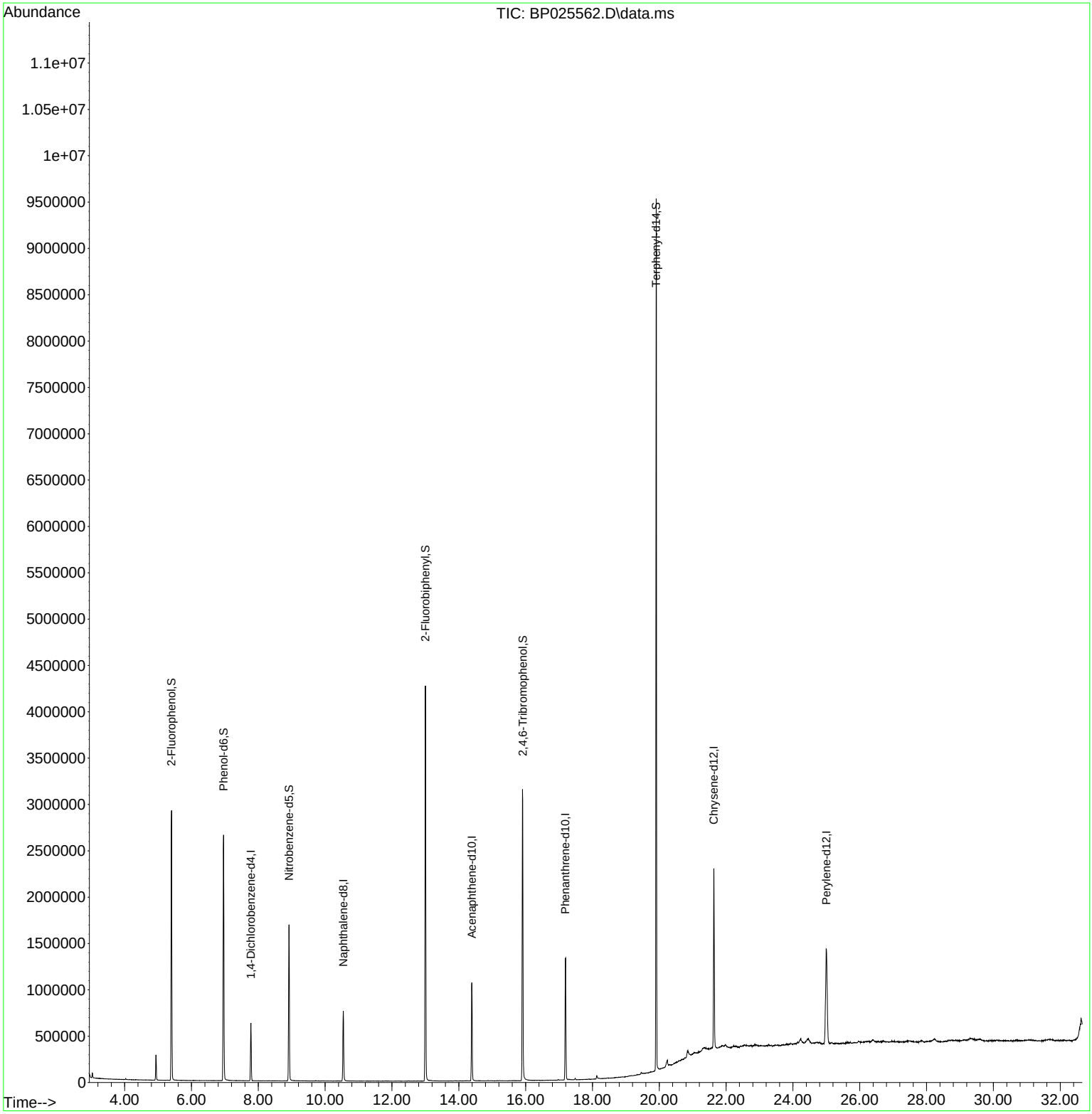
(#) = qualifier out of range (m) = manual integration (+) = signals summed

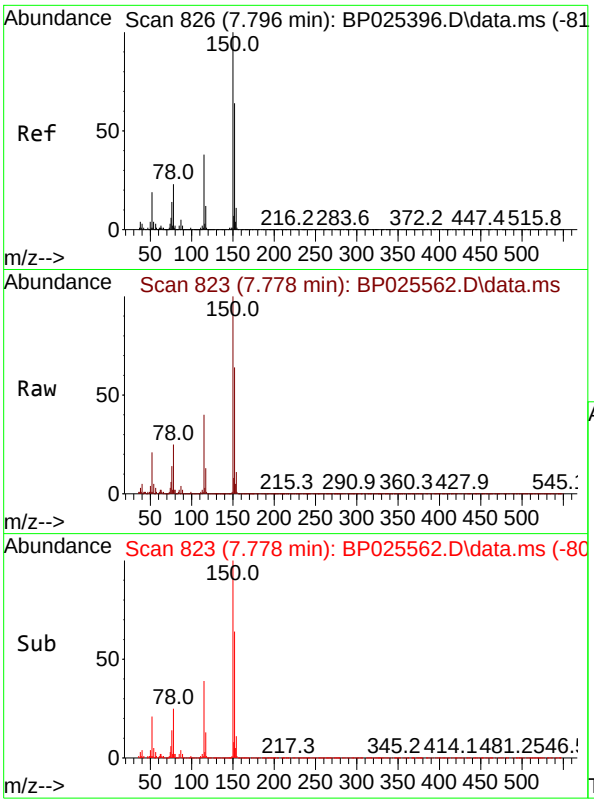
Sample Results: **BP025562.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082525\
Data File : BP025562.D
Acq On : 25 Aug 2025 12:54
Operator : CG/JU
Sample : PB169362BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169362BL

Quant Time: Aug 25 13:15:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration



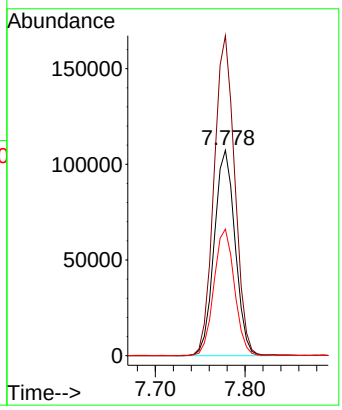


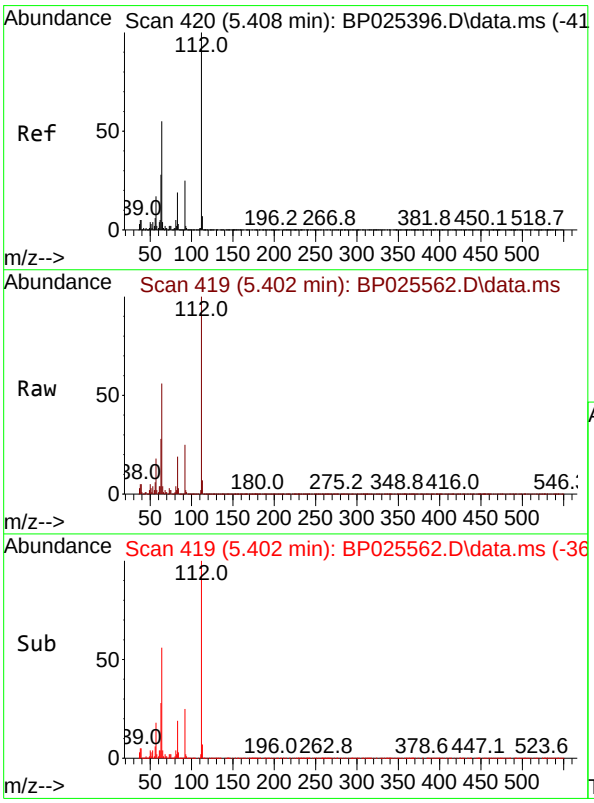
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.778 min Scan# 8
Delta R.T. -0.018 min
Lab File: BP025562.D
Acq: 25 Aug 2025 12:54

Instrument :
BNA_P
ClientSampleId :
PB169362BL

Tgt Ion:152 Resp: 173347

Ion	Ratio	Lower	Upper
152	100		
150	155.7	125.9	188.9
115	61.6	48.5	72.7

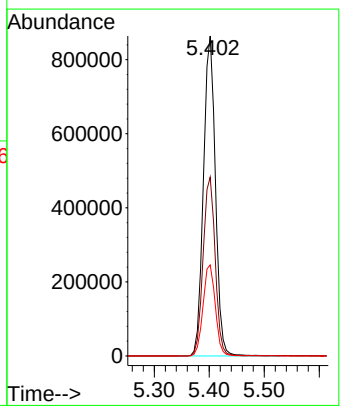


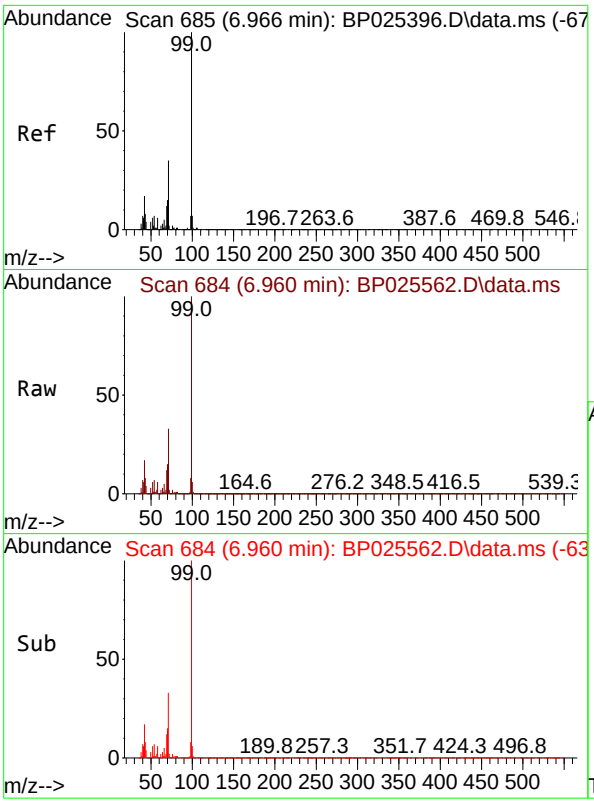


#5
2-Fluorophenol
Concen: 125.092 ng
RT: 5.402 min Scan# 419
Delta R.T. -0.006 min
Lab File: BP025562.D
Acq: 25 Aug 2025 12:54

Tgt Ion:112 Resp: 1305735

Ion	Ratio	Lower	Upper
112	100		
64	55.9	43.8	65.8
63	28.5	22.7	34.1



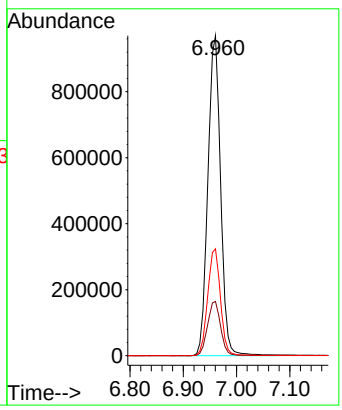


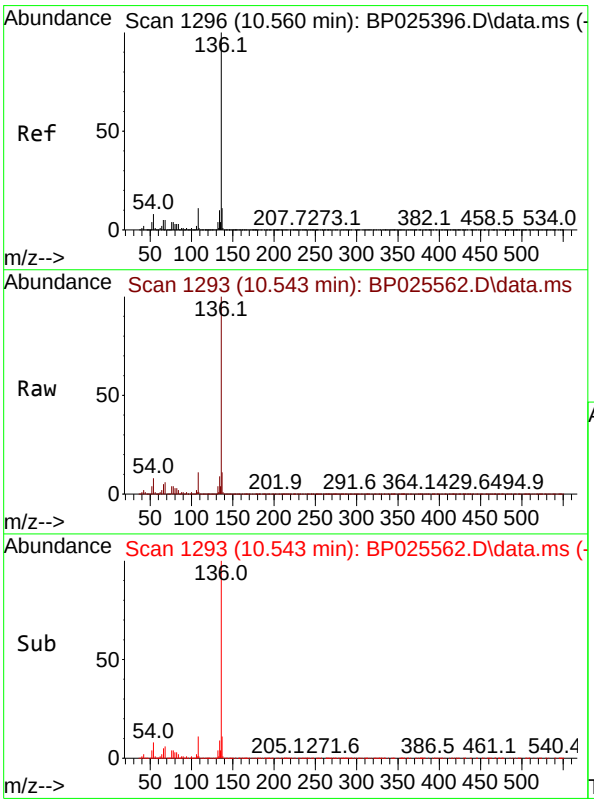
#7
Phenol-d6
Concen: 120.026 ng
RT: 6.960 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP025562.D
Acq: 25 Aug 2025 12:54

Instrument :
BNA_P
ClientSampleId :
PB169362BL

Tgt Ion: 99 Resp: 1606270

Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.7	20.5
71	33.4	28.2	42.4

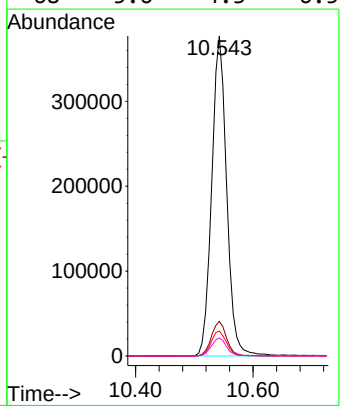


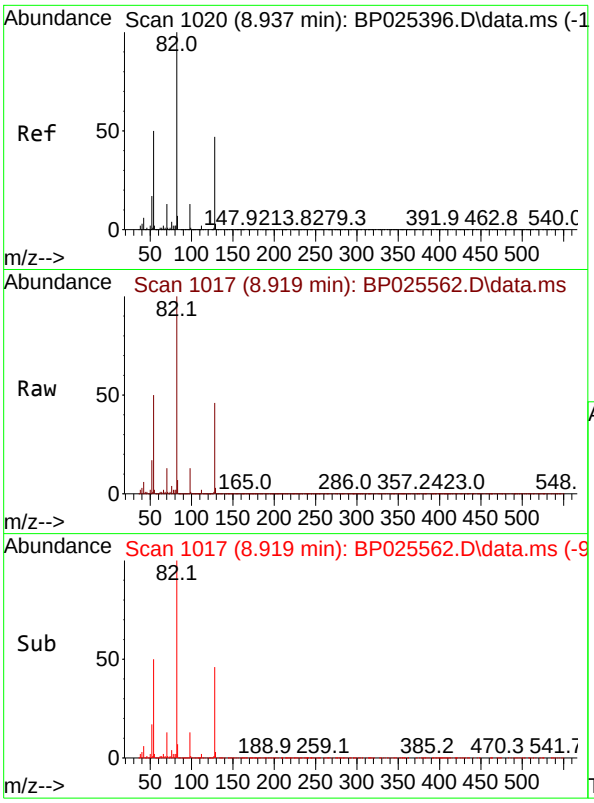


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.543 min Scan# 1293
Delta R.T. -0.018 min
Lab File: BP025562.D
Acq: 25 Aug 2025 12:54

Tgt Ion:136 Resp: 665603

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	7.8	6.0	9.0
68	5.6	4.3	6.5



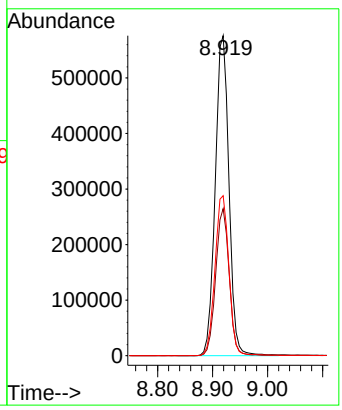


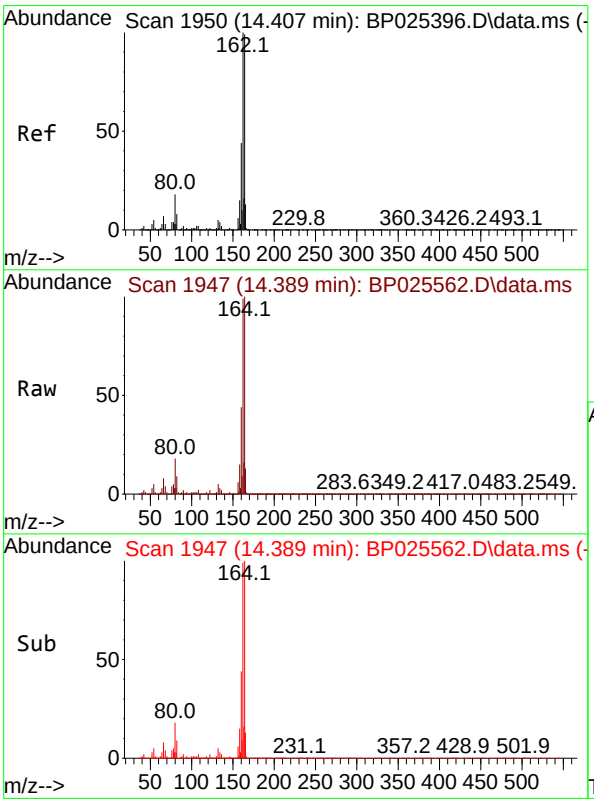
#23
Nitrobenzene-d5
Concen: 75.784 ng
RT: 8.919 min Scan# 1
Delta R.T. -0.018 min
Lab File: BP025562.D
Acq: 25 Aug 2025 12:54

Instrument :
BNA_P
ClientSampleId :
PB169362BL

Tgt Ion: 82 Resp: 997167

Ion	Ratio	Lower	Upper
82	100		
128	46.0	37.7	56.5
54	50.0	39.8	59.6

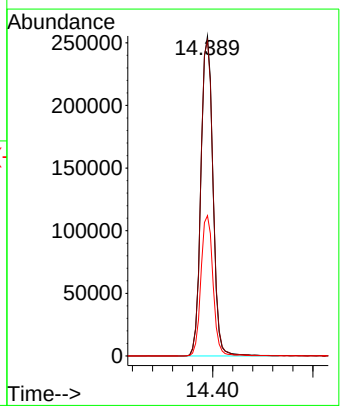


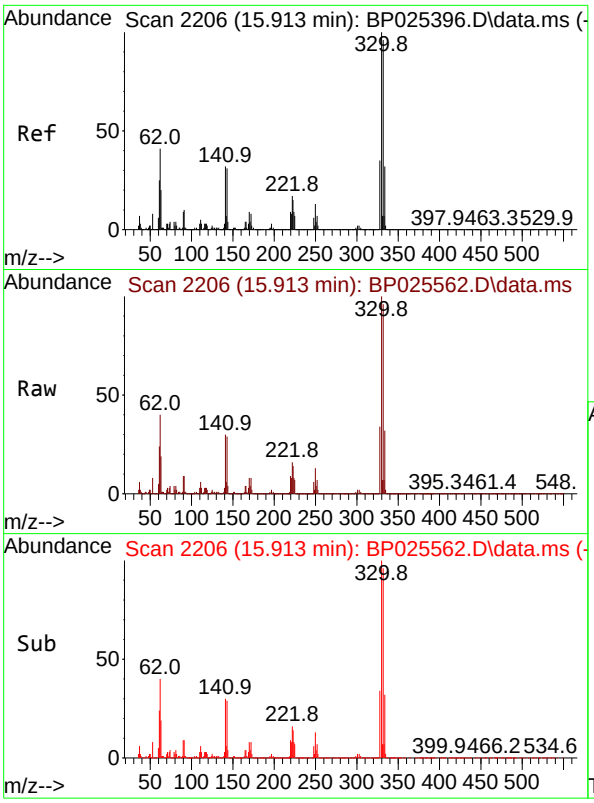


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.389 min Scan# 1947
Delta R.T. -0.018 min
Lab File: BP025562.D
Acq: 25 Aug 2025 12:54

Tgt Ion:164 Resp: 424932

Ion	Ratio	Lower	Upper
164	100		
162	98.6	81.0	121.6
160	43.8	35.4	53.2



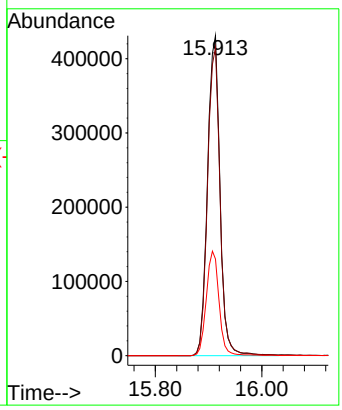


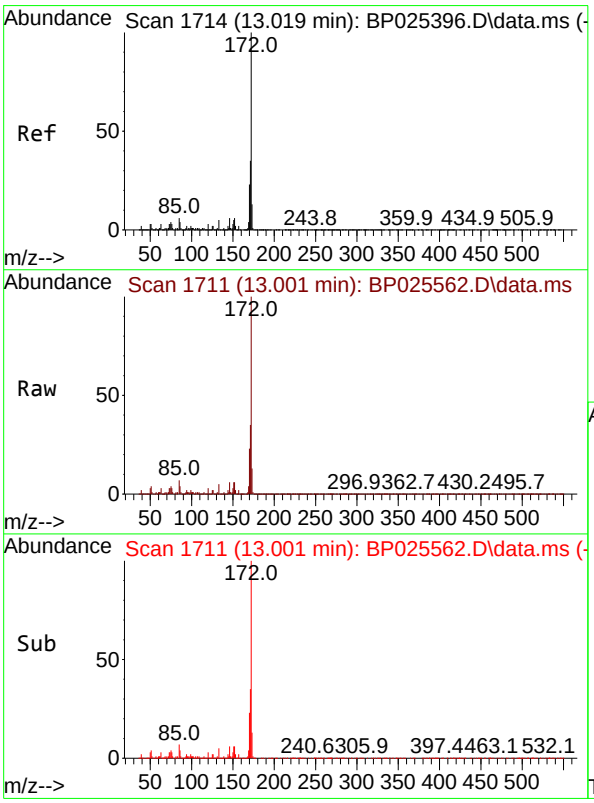
#42
2,4,6-Tribromophenol
Concen: 122.987 ng
RT: 15.913 min Scan# 2
Delta R.T. 0.000 min
Lab File: BP025562.D
Acq: 25 Aug 2025 12:54

Instrument :
BNA_P
ClientSampleId :
PB169362BL

Tgt Ion:330 Resp: 703438

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.3	115.9
141	33.4	26.6	39.8

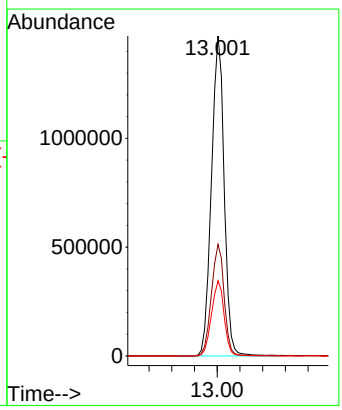


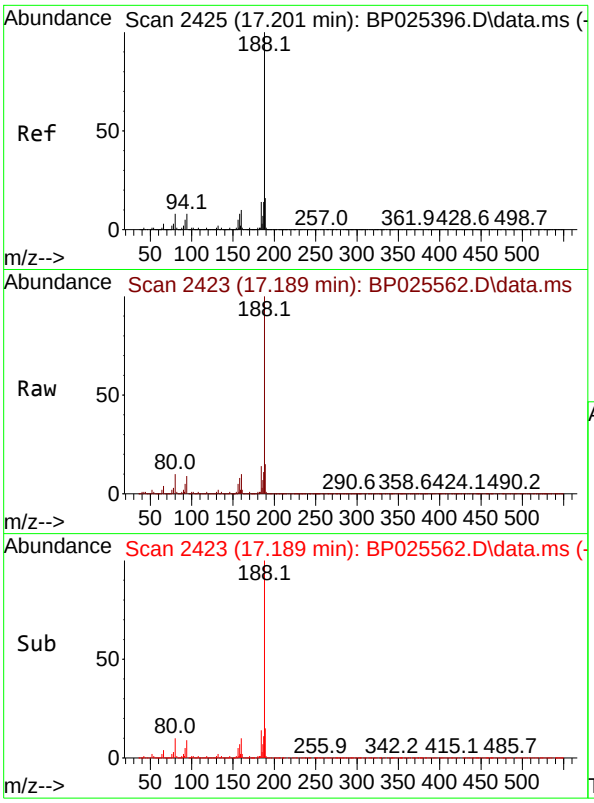


#45
2-Fluorobiphenyl
Concen: 73.312 ng
RT: 13.001 min Scan# 1711
Delta R.T. -0.018 min
Lab File: BP025562.D
Acq: 25 Aug 2025 12:54

Tgt Ion:172 Resp: 2279423

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.1	42.1
170	23.5	18.6	28.0



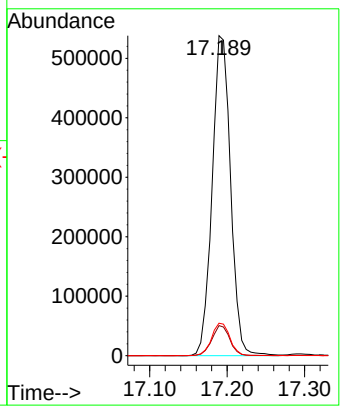


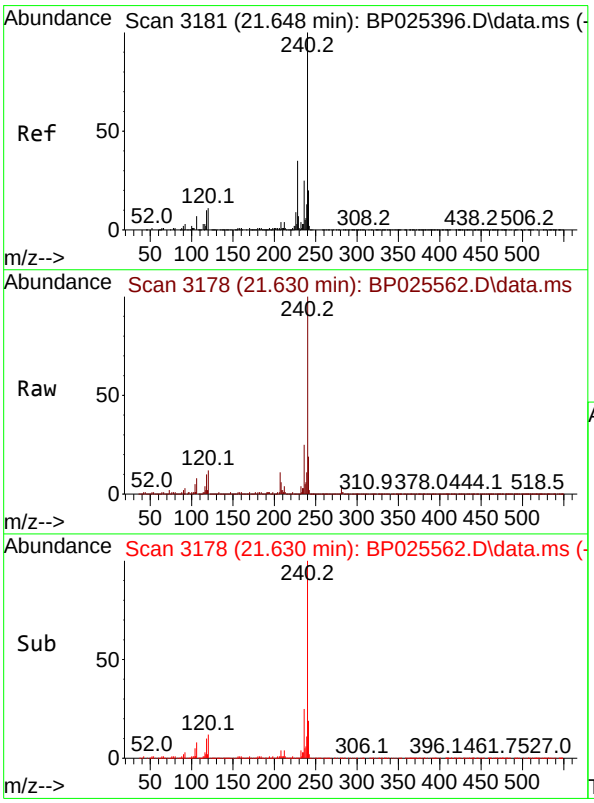
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.189 min Scan# 24
Delta R.T. -0.012 min
Lab File: BP025562.D
Acq: 25 Aug 2025 12:54

Instrument :
BNA_P
ClientSampleId :
PB169362BL

Tgt Ion:188 Resp: 890876

Ion	Ratio	Lower	Upper
188	100		
94	9.4	6.6	10.0
80	10.2	6.7	10.1#

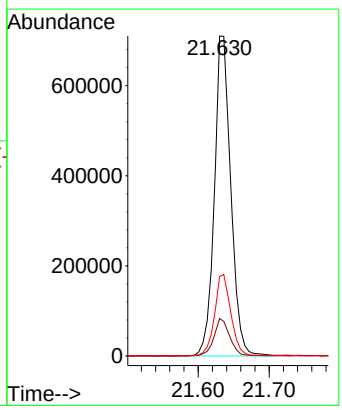


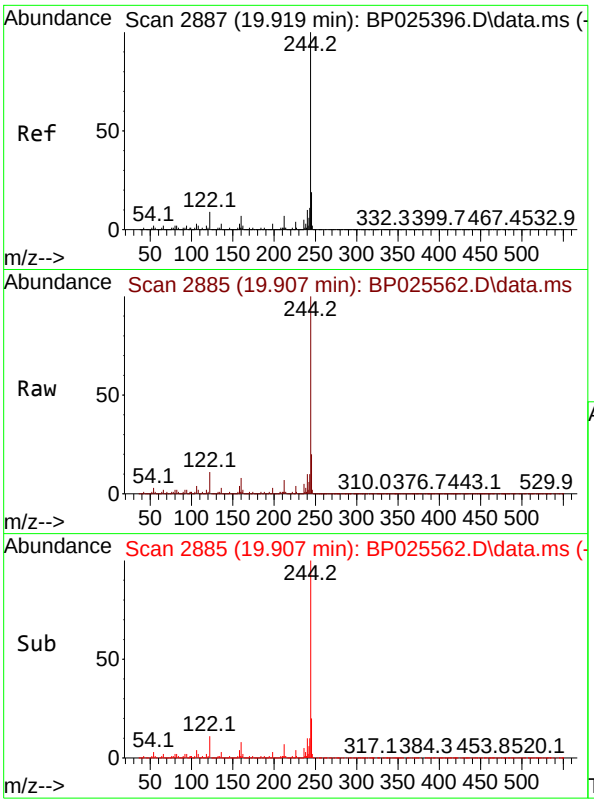


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.630 min Scan# 3178
Delta R.T. -0.018 min
Lab File: BP025562.D
Acq: 25 Aug 2025 12:54

Tgt Ion:240 Resp: 1139399

Ion	Ratio	Lower	Upper
240	100		
120	11.7	8.9	13.3
236	24.9	19.8	29.8



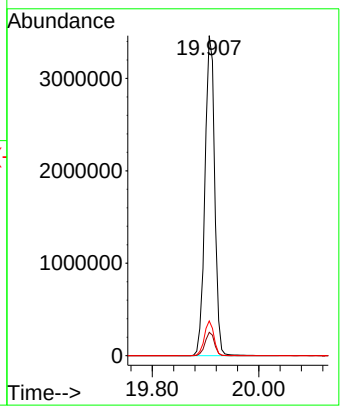


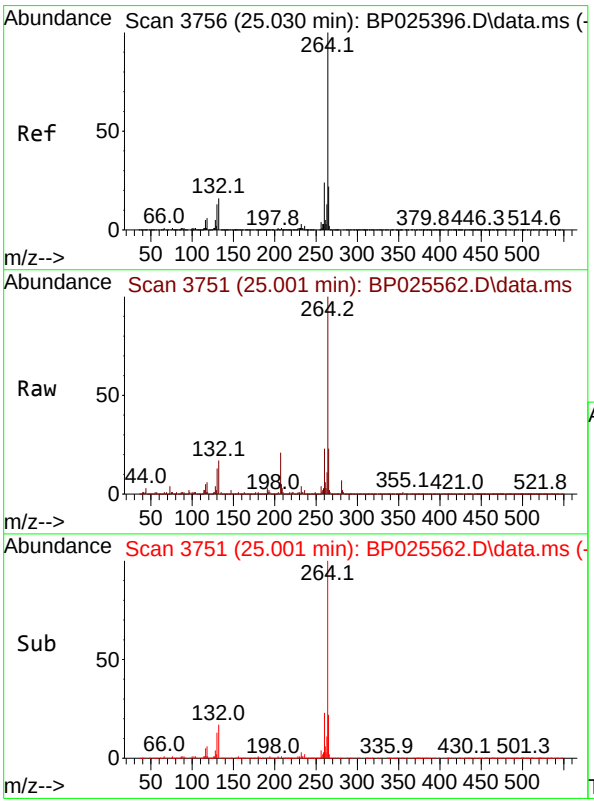
#79
Terphenyl-d14
Concen: 70.100 ng
RT: 19.907 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025562.D
Acq: 25 Aug 2025 12:54

Instrument :
BNA_P
ClientSampleId :
PB169362BL

Tgt Ion:244 Resp: 4365584

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.6
122	10.9	7.4	11.2

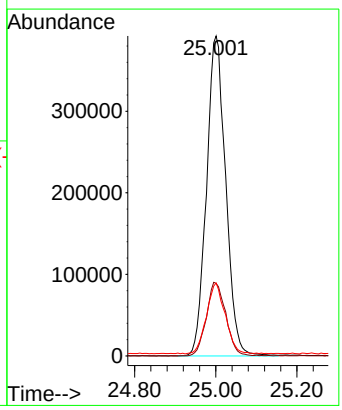




#86
Perylene-d12
Concen: 20.000 ng
RT: 25.001 min Scan# 3751
Delta R.T. -0.029 min
Lab File: BP025562.D
Acq: 25 Aug 2025 12:54

Tgt Ion:264 Resp: 1287992

Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.3	28.9
265	22.8	17.4	26.0



Sample Results: **BP025562.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082525\
Data File : BP025562.D
Acq On : 25 Aug 2025 12:54
Operator : CG/JU
Sample : PB169362BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169362BL

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-BP081425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025562.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.937	334	340	349	rBV	274048	385712	3.26%	0.792%
2	5.402	412	419	431	rBV	2910782	4425282	37.38%	9.085%
3	6.960	676	684	699	rBV	2650857	4451825	37.60%	9.139%
4	7.778	814	823	830	rBV	622696	996709	8.42%	2.046%
5	8.919	1008	1017	1031	rBV	1686610	2946761	24.89%	6.050%
6	10.543	1283	1293	1304	rBV	757756	1350823	11.41%	2.773%
7	13.001	1703	1711	1726	rBV	4265384	6557684	55.39%	13.463%
8	14.389	1939	1947	1962	rBV	1060124	1793337	15.15%	3.682%
9	15.907	2196	2205	2228	rBV	3145653	5351311	45.20%	10.986%
10	17.195	2416	2424	2437	rBV2	1317090	2227676	18.82%	4.573%
11	19.907	2879	2885	2898	rBV	9406868	11839617	100.00%	24.306%
12	21.630	3173	3178	3190	rVB	1930449	3042992	25.70%	6.247%
13	24.995	3742	3750	3765	rVB	1019950	3340202	28.21%	6.857%

Sum of corrected areas: 48709931

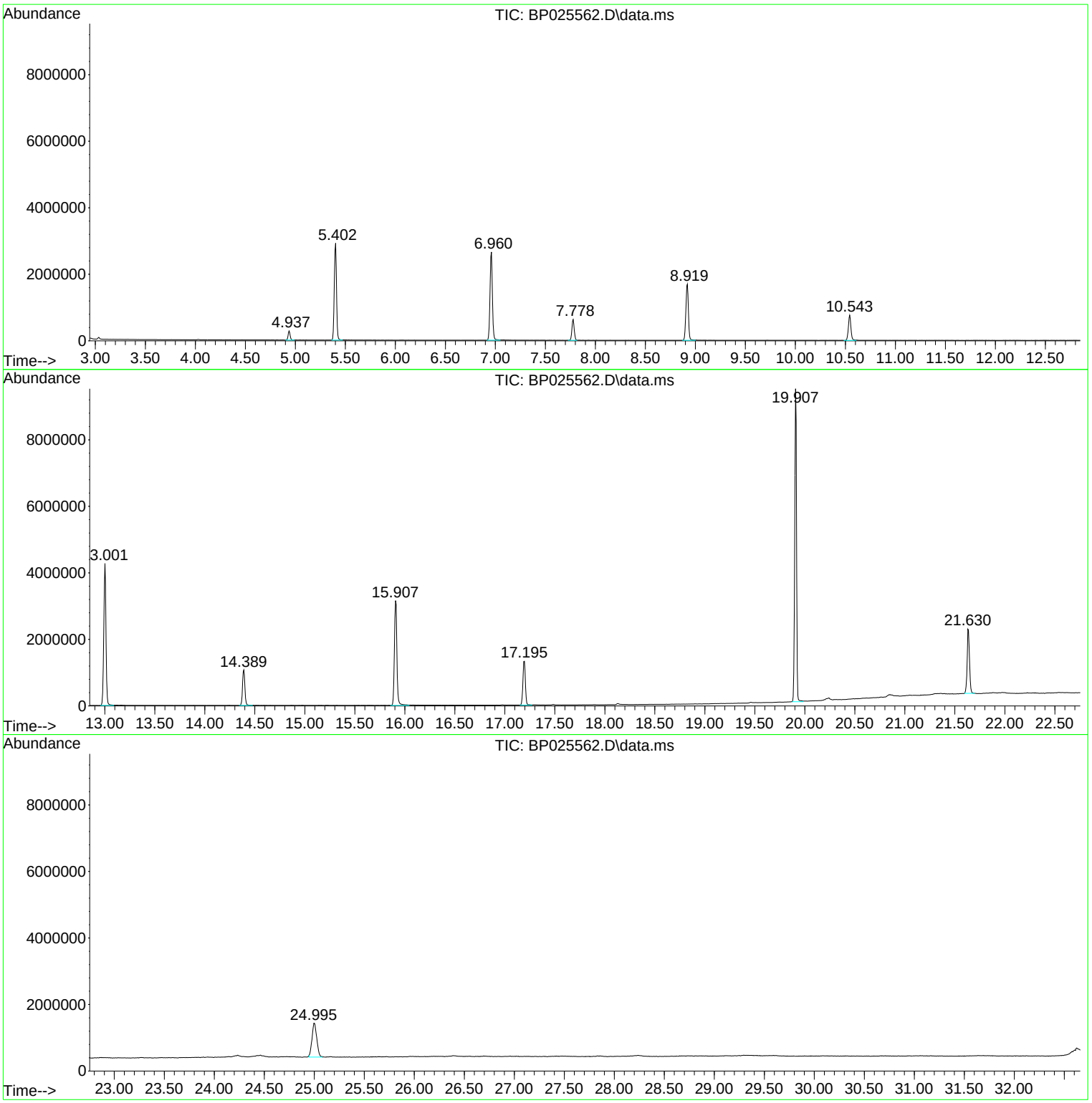
Sample Results: **BP025562.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082525\
Data File : BP025562.D
Acq On : 25 Aug 2025 12:54
Operator : CG/JU
Sample : PB169362BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169362BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082525\
Data File : BP025562.D
Acq On : 25 Aug 2025 12:54
Operator : CG/JU
Sample : PB169362BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169362BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

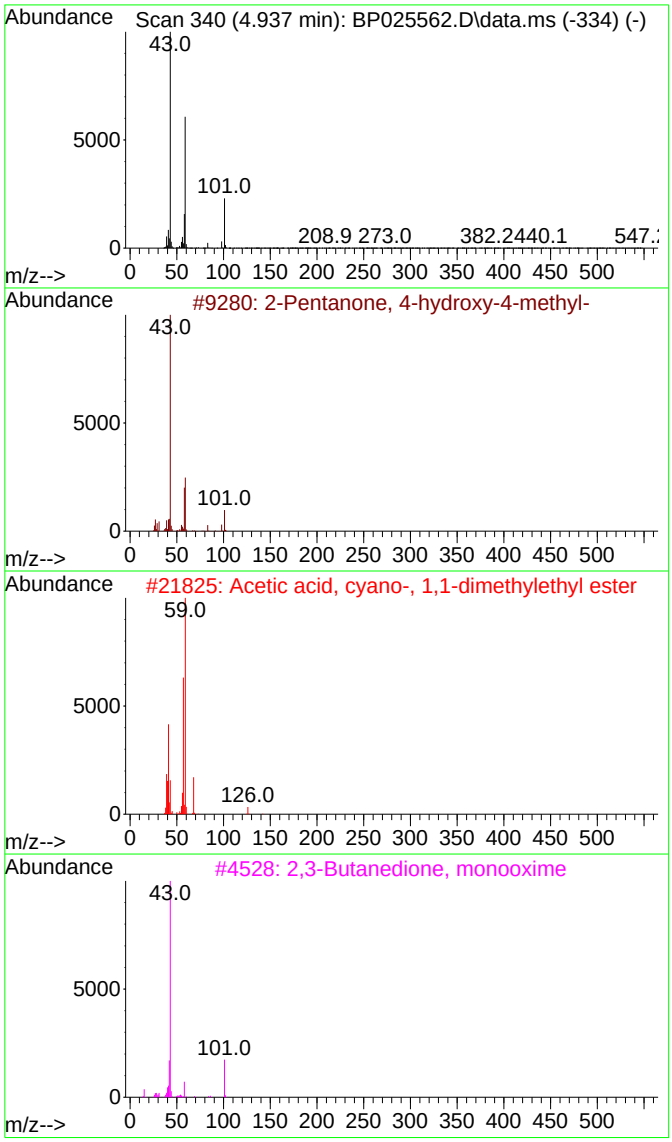
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

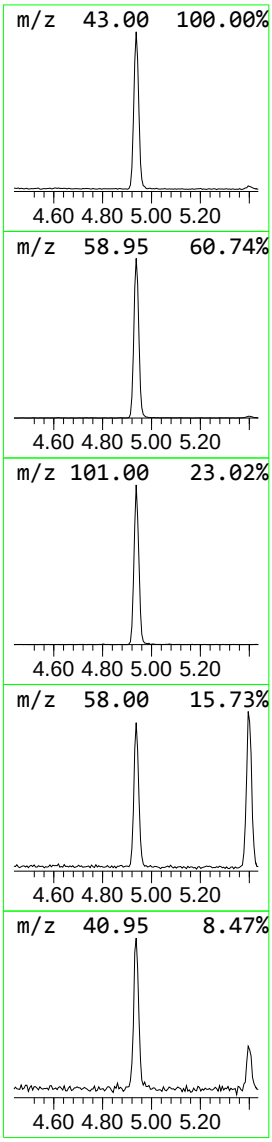
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.937	7.74 ng	385712	1,4-Dichlorobenzene-d4	7.778

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Sample Results: **BP025562.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082525\
Data File : BP025562.D
Acq On : 25 Aug 2025 12:54
Operator : CG/JU
Sample : PB169362BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169362BL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	4.937	7.7	ng	385712	1	7.778	996709	20.0

Raw Data: **BP025581.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:	120 Petro NJ	Date Received:	
Client Sample ID:	PB169362BS	SDG No.:	Q2921
Lab Sample ID:	PB169362BS	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
BP025581.D	1	08/22/25 10:34	08/26/25 11:44	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	22.9		3.90	10.0	ug/L
108-95-2	Phenol	41.7		0.91	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	40.1		0.81	5.00	ug/L
95-57-8	2-Chlorophenol	41.6		0.58	5.00	ug/L
95-48-7	2-Methylphenol	41.0		1.10	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	39.7		1.30	5.00	ug/L
98-86-2	Acetophenone	39.8		0.74	5.00	ug/L
65794-96-9	3+4-Methylphenols	39.8		1.10	10.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	36.5		1.40	2.50	ug/L
67-72-1	Hexachloroethane	40.3		0.65	5.00	ug/L
98-95-3	Nitrobenzene	41.1		0.76	5.00	ug/L
78-59-1	Isophorone	39.2		0.75	5.00	ug/L
88-75-5	2-Nitrophenol	42.7		1.80	5.00	ug/L
105-67-9	2,4-Dimethylphenol	42.3		1.90	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	40.1		0.68	5.00	ug/L
120-83-2	2,4-Dichlorophenol	43.3		0.52	5.00	ug/L
91-20-3	Naphthalene	39.7		0.50	5.00	ug/L
106-47-8	4-Chloroaniline	23.9		0.84	5.00	ug/L
87-68-3	Hexachlorobutadiene	40.8		0.54	5.00	ug/L
105-60-2	Caprolactam	39.6		1.10	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	42.3		0.59	5.00	ug/L
91-57-6	2-Methylnaphthalene	39.4		0.56	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	81.0	E	3.60	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	44.1		0.51	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	44.6		0.62	5.00	ug/L
92-52-4	1,1-Biphenyl	41.8		0.53	5.00	ug/L
91-58-7	2-Chloronaphthalene	40.9		0.61	5.00	ug/L
88-74-4	2-Nitroaniline	44.0		1.30	5.00	ug/L
131-11-3	Dimethylphthalate	41.0		0.61	5.00	ug/L

Raw Data: **BP025581.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:	120 Petro NJ	Date Received:	
Client Sample ID:	PB169362BS	SDG No.:	Q2921
Lab Sample ID:	PB169362BS	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
BP025581.D	1	08/22/25 10:34	08/26/25 11:44	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	40.9		0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	43.4		0.92	5.00	ug/L
99-09-2	3-Nitroaniline	31.2		1.10	5.00	ug/L
83-32-9	Acenaphthene	39.5		0.55	5.00	ug/L
51-28-5	2,4-Dinitrophenol	100	E	6.00	10.0	ug/L
100-02-7	4-Nitrophenol	82.1	E	2.40	10.0	ug/L
132-64-9	Dibenzofuran	40.2		0.61	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	43.7		1.20	5.00	ug/L
84-66-2	Diethylphthalate	41.5		0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	40.1		0.68	5.00	ug/L
86-73-7	Fluorene	40.2		0.63	5.00	ug/L
100-01-6	4-Nitroaniline	41.1		1.50	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	46.7		2.90	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	42.8		0.58	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	42.2		0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	42.0		0.52	5.00	ug/L
1912-24-9	Atrazine	41.7		1.00	5.00	ug/L
87-86-5	Pentachlorophenol	86.9	E	1.60	10.0	ug/L
85-01-8	Phenanthrene	40.9		0.50	5.00	ug/L
120-12-7	Anthracene	41.4		0.61	5.00	ug/L
86-74-8	Carbazole	40.8		0.72	5.00	ug/L
84-74-2	Di-n-butylphthalate	41.6		1.20	5.00	ug/L
206-44-0	Fluoranthene	40.0		0.82	5.00	ug/L
129-00-0	Pyrene	43.4		0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	44.3		1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	31.9		0.93	10.0	ug/L
218-01-9	Chrysene	41.7		0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	42.7		1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	43.7		2.30	10.0	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	41.4		0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	41.8		0.67	5.00	ug/L

Raw Data: **BP025581.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:	120 Petro NJ			Date Received:	
Client Sample ID:	PB169362BS			SDG No.:	Q2921
Lab Sample ID:	PB169362BS			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
BP025581.D	1	08/22/25 10:34	08/26/25 11:44	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
95-94-3	1,2,4,5-Tetrachlorobenzene	42.0		0.52	5.00	ug/L
123-91-1	1,4-Dioxane	34.9		1.00	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	43.0		0.72	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	116		23 - 138	77%	SPK: 150
13127-88-3	Phenol-d6	113		10 - 134	75%	SPK: 150
4165-60-0	Nitrobenzene-d5	72.1		67 - 132	72%	SPK: 100
321-60-8	2-Fluorobiphenyl	70.9		52 - 132	71%	SPK: 100
118-79-6	2,4,6-Tribromophenol	119		44 - 137	80%	SPK: 150
1718-51-0	Terphenyl-d14	75.5		42 - 152	75%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	256000	7.778			
1146-65-2	Naphthalene-d8	1000000	10.549			
15067-26-2	Acenaphthene-d10	636000	14.407			
1517-22-2	Phenanthrene-d10	1240000	17.195			
1719-03-5	Chrysene-d12	1180000	21.63			
1520-96-3	Perylene-d12	1320000	24.989			

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025581.D
Acq On : 26 Aug 2025 11:44
Operator : CG/JU
Sample : PB169362BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169362BS

Quant Time: Aug 26 12:07:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.778	152	256194	20.000	ng		-0.02
21) Naphthalene-d8	10.549	136	1004578	20.000	ng		-0.01
39) Acenaphthene-d10	14.407	164	636349	20.000	ng		0.00
64) Phenanthrene-d10	17.195	188	1239646	20.000	ng		0.00
76) Chrysene-d12	21.630	240	1177566	20.000	ng		-0.02
86) Perylene-d12	24.989	264	1318341	20.000	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.414	112	1791887	116.154	ng		0.00
7) Phenol-d6	6.972	99	2226832	112.588	ng		0.00
23) Nitrobenzene-d5	8.925	82	1431478	72.082	ng		-0.01
42) 2,4,6-Tribromophenol	15.919	330	1021885	119.305	ng		0.00
45) 2-Fluorobiphenyl	13.013	172	3299304	70.859	ng		0.00
79) Terphenyl-d14	19.919	244	4858385	75.484	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.331	88	211063	34.929	ng		98
3) Pyridine	3.726	79	587186	35.502	ng		97
4) n-Nitrosodimethylamine	3.631	42	280989	41.209	ng		97
6) Aniline	7.114	93	795779	29.862	ng		97
8) 2-Chlorophenol	7.355	128	723872	41.581	ng		98
9) Benzaldehyde	6.931	77	317953	22.945	ng		97
10) Phenol	7.002	94	864737	41.666	ng		99
11) bis(2-Chloroethyl)ether	7.208	93	648453	40.087	ng		99
12) 1,3-Dichlorobenzene	7.672	146	767314	39.973	ng		100
13) 1,4-Dichlorobenzene	7.814	146	784585	39.989	ng		99
14) 1,2-Dichlorobenzene	8.125	146	755735	39.791	ng		99
15) Benzyl Alcohol	8.014	79	617462	39.290	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.302	45	860354	39.703	ng		100
17) 2-Methylphenol	8.231	107	591057	41.006	ng		99
18) Hexachloroethane	8.855	117	291012	40.340	ng		95
19) n-Nitroso-di-n-propyla...	8.578	70	477539	36.451	ng		99
20) 3+4-Methylphenols	8.555	107	794684	39.774	ng		99
22) Acetophenone	8.596	105	1002924	39.810	ng	#	99
24) Nitrobenzene	8.966	77	730033	41.133	ng		99
25) Isophorone	9.490	82	1378210	39.215	ng		98
26) 2-Nitrophenol	9.666	139	389055	42.713	ng		97
27) 2,4-Dimethylphenol	9.737	122	662704	42.307	ng		99
28) bis(2-Chloroethoxy)met...	9.961	93	850880	40.052	ng		99
29) 2,4-Dichlorophenol	10.208	162	673024	43.252	ng		98
30) 1,2,4-Trichlorobenzene	10.413	180	685300	40.176	ng		99
31) Naphthalene	10.602	128	2075445	39.749	ng		99
32) Benzoic acid	9.908	122	524790	45.380	ng		98
33) 4-Chloroaniline	10.708	127	551600	23.916	ng		99
34) Hexachlorobutadiene	10.878	225	433221	40.781	ng		100
35) Caprolactam	11.502	113	225808	39.576	ng		97
36) 4-Chloro-3-methylphenol	11.843	107	755078	42.289	ng		98
37) 2-Methylnaphthalene	12.207	142	1339301	39.416	ng		98
38) 1-Methylnaphthalene	12.425	142	1381572	38.233	ng		99
40) 1,2,4,5-Tetrachloroben...	12.578	216	771235	41.964	ng		99
41) Hexachlorocyclopentadiene	12.560	237	899638	81.039	ng		99
43) 2,4,6-Trichlorophenol	12.819	196	546655	44.058	ng		98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025581.D
Acq On : 26 Aug 2025 11:44
Operator : CG/JU
Sample : PB169362BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169362BS

Quant Time: Aug 26 12:07:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

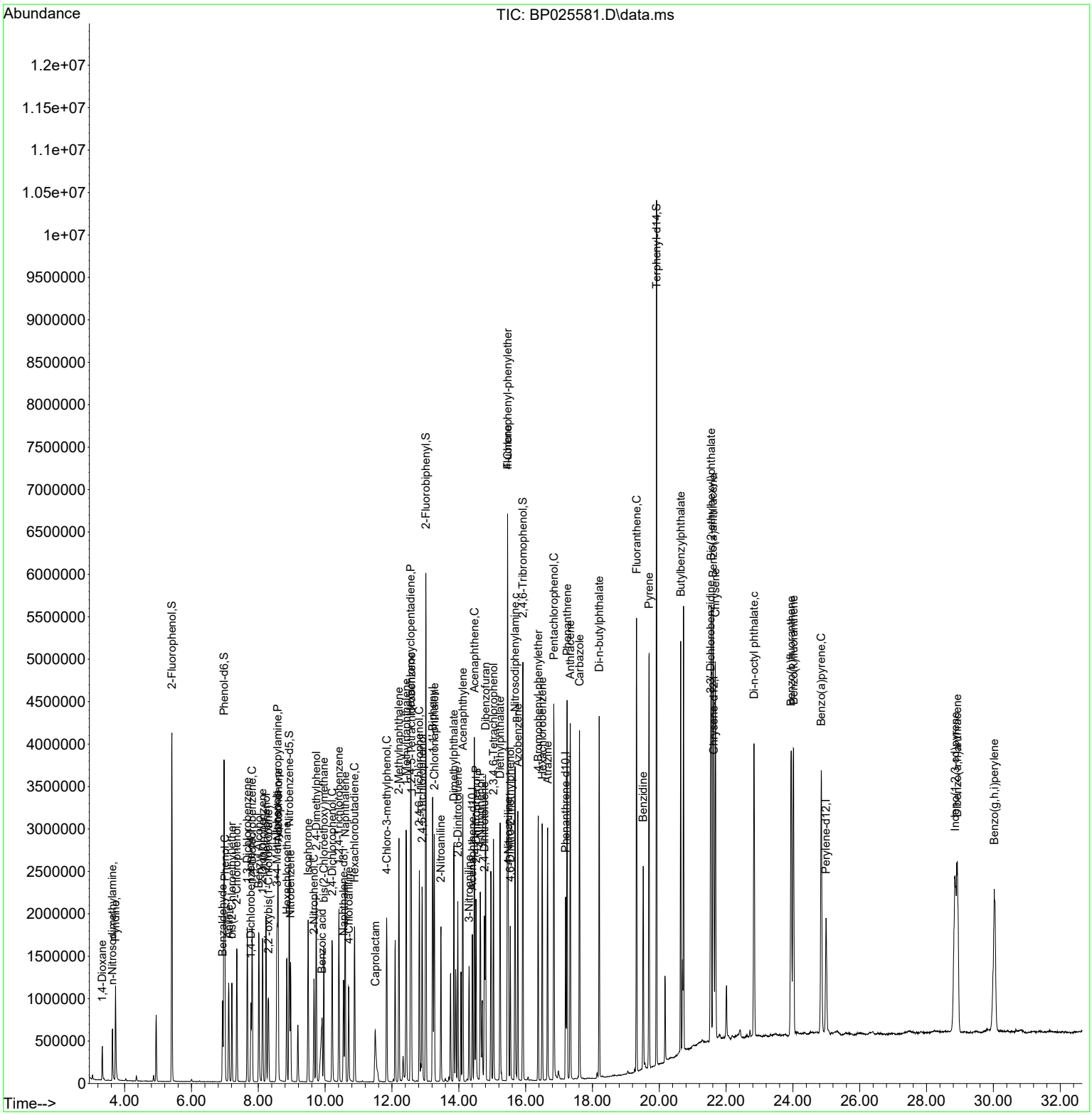
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.902	196	606774	44.621	ng		99
46) 1,1'-Biphenyl	13.219	154	1931665	41.797	ng		99
47) 2-Chloronaphthalene	13.266	162	1472263	40.921	ng		99
48) 2-Nitroaniline	13.466	65	461040	43.979	ng		98
49) Acenaphthylene	14.119	152	2435658	40.912	ng		100
50) Dimethylphthalate	13.854	163	1911307	41.016	ng		100
51) 2,6-Dinitrotoluene	13.972	165	426287	43.402	ng		99
52) Acenaphthene	14.466	154	1380494	39.505	ng		98
53) 3-Nitroaniline	14.307	138	345007	31.221	ng		97
54) 2,4-Dinitrophenol	14.519	184	533837	101.778	ng		95
55) Dibenzofuran	14.801	168	2222480	40.227	ng		99
56) 4-Nitrophenol	14.643	139	745489	82.098	ng		95
57) 2,4-Dinitrotoluene	14.766	165	611705	43.652	ng		96
58) Fluorene	15.460	166	1754062	40.236	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.037	232	516718	43.035	ng		99
60) Diethylphthalate	15.237	149	1963954	41.478	ng		99
61) 4-Chlorophenyl-phenyle...	15.460	204	869582	40.107	ng		99
62) 4-Nitroaniline	15.484	138	465461	41.087	ng		98
63) Azobenzene	15.766	77	1705622	42.069	ng		99
65) 4,6-Dinitro-2-methylph...	15.543	198	360561	46.660	ng		97
66) n-Nitrosodiphenylamine	15.684	169	1617614	42.792	ng		99
67) 4-Bromophenyl-phenylether	16.378	248	576012	42.249	ng		100
68) Hexachlorobenzene	16.495	284	664199	42.026	ng		98
69) Atrazine	16.660	200	590609	41.719	ng		100
70) Pentachlorophenol	16.843	266	866823	86.886	ng		96
71) Phenanthrene	17.242	178	2783407	40.874	ng		99
72) Anthracene	17.337	178	2880596	41.423	ng		100
73) Carbazole	17.613	167	2673601	40.817	ng		100
74) Di-n-butylphthalate	18.201	149	3353500	41.612	ng		99
75) Fluoranthene	19.319	202	3247240	39.976	ng		99
77) Benzidine	19.519	184	1596713	39.731	ng		99
78) Pyrene	19.695	202	3319660	43.373	ng		99
80) Butylbenzylphthalate	20.642	149	1537154	44.314	ng		99
81) Benzo(a)anthracene	21.607	228	3274508	42.164	ng		99
82) 3,3'-Dichlorobenzidine	21.536	252	934179	31.914	ng		99
83) Chrysene	21.678	228	3029858	41.659	ng		99
84) Bis(2-ethylhexyl)phtha...	21.554	149	2179550	42.684	ng		100
85) Di-n-octyl phthalate	22.836	149	3839151	43.711	ng		99
87) Indeno(1,2,3-cd)pyrene	28.854	276	4001108	41.384	ng	#	95
88) Benzo(b)fluoranthene	23.948	252	3243383	41.722	ng		99
89) Benzo(k)fluoranthene	24.019	252	3250836	41.789	ng		99
90) Benzo(a)pyrene	24.848	252	3144868	41.559	ng		99
91) Dibenzo(a,h)anthracene	28.918	278	3304493	41.824	ng		98
92) Benzo(g,h,i)perylene	30.024	276	3213416	41.376	ng		99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025581.D
Acq On : 26 Aug 2025 11:44
Operator : CG/JU
Sample : PB169362BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169362BS

Quant Time: Aug 26 12:07:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration



Raw Data: **BP025602.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:	08/20/25
Project:	120 Petro NJ	Date Received:	08/20/25
Client Sample ID:	MW-201-082025MS	SDG No.:	Q2921
Lab Sample ID:	Q2924-03MS	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	970 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
BP025602.D	1	08/22/25 10:34	08/27/25 14:18	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	38.4		4.00	10.3	ug/L
108-95-2	Phenol	16.0		0.94	5.20	ug/L
111-44-4	bis(2-Chloroethyl)ether	44.3		0.84	5.20	ug/L
95-57-8	2-Chlorophenol	39.6		0.60	5.20	ug/L
95-48-7	2-Methylphenol	33.8		1.20	5.20	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	17.1		1.30	5.20	ug/L
98-86-2	Acetophenone	87.5	E	0.76	5.20	ug/L
65794-96-9	3+4-Methylphenols	40.9		1.10	10.3	ug/L
621-64-7	n-Nitroso-di-n-propylamine	42.2		1.50	2.60	ug/L
67-72-1	Hexachloroethane	93.2	E	0.67	5.20	ug/L
98-95-3	Nitrobenzene	85.8	E	0.78	5.20	ug/L
78-59-1	Isophorone	81.7		0.77	5.20	ug/L
88-75-5	2-Nitrophenol	86.6	E	1.80	5.20	ug/L
105-67-9	2,4-Dimethylphenol	75.6		1.90	5.20	ug/L
111-91-1	bis(2-Chloroethoxy)methane	70.3		0.70	5.20	ug/L
120-83-2	2,4-Dichlorophenol	80.6		0.54	5.20	ug/L
91-20-3	Naphthalene	2700	E	0.52	5.20	ug/L
106-47-8	4-Chloroaniline	28.5		0.87	5.20	ug/L
87-68-3	Hexachlorobutadiene	71.5		0.56	5.20	ug/L
105-60-2	Caprolactam	16.7		1.20	10.3	ug/L
59-50-7	4-Chloro-3-methylphenol	76.5		0.61	5.20	ug/L
91-57-6	2-Methylnaphthalene	800	E	0.58	5.20	ug/L
77-47-4	Hexachlorocyclopentadiene	79.7		3.70	10.3	ug/L
88-06-2	2,4,6-Trichlorophenol	50.2		0.53	5.20	ug/L
95-95-4	2,4,5-Trichlorophenol	49.4		0.64	5.20	ug/L
92-52-4	1,1-Biphenyl	69.6		0.55	5.20	ug/L
91-58-7	2-Chloronaphthalene	48.9		0.63	5.20	ug/L
88-74-4	2-Nitroaniline	54.1		1.30	5.20	ug/L
131-11-3	Dimethylphthalate	48.7		0.63	5.20	ug/L

Raw Data: **BP025602.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:	08/20/25
Project:	120 Petro NJ	Date Received:	08/20/25
Client Sample ID:	MW-201-082025MS	SDG No.:	Q2921
Lab Sample ID:	Q2924-03MS	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	970 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
BP025602.D	1	08/22/25 10:34	08/27/25 14:18	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	190	E	0.77	5.20	ug/L
606-20-2	2,6-Dinitrotoluene	51.4		0.95	5.20	ug/L
99-09-2	3-Nitroaniline	31.7		1.10	5.20	ug/L
83-32-9	Acenaphthene	54.7		0.57	5.20	ug/L
51-28-5	2,4-Dinitrophenol	120	E	6.20	10.3	ug/L
100-02-7	4-Nitrophenol	42.0		2.50	10.3	ug/L
132-64-9	Dibenzofuran	51.3		0.63	5.20	ug/L
121-14-2	2,4-Dinitrotoluene	53.3		1.30	5.20	ug/L
84-66-2	Diethylphthalate	50.3		0.71	5.20	ug/L
7005-72-3	4-Chlorophenyl-phenylether	48.5		0.70	5.20	ug/L
86-73-7	Fluorene	67.1		0.65	5.20	ug/L
100-01-6	4-Nitroaniline	48.5		1.50	5.20	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	55.1		3.00	10.3	ug/L
86-30-6	n-Nitrosodiphenylamine	51.1		0.60	5.20	ug/L
101-55-3	4-Bromophenyl-phenylether	51.5		0.41	5.20	ug/L
118-74-1	Hexachlorobenzene	52.5		0.54	5.20	ug/L
1912-24-9	Atrazine	47.8		1.00	5.20	ug/L
87-86-5	Pentachlorophenol	110	E	1.60	10.3	ug/L
85-01-8	Phenanthrene	65.4		0.52	5.20	ug/L
120-12-7	Anthracene	53.4		0.63	5.20	ug/L
86-74-8	Carbazole	61.7		0.74	5.20	ug/L
84-74-2	Di-n-butylphthalate	51.3		1.30	5.20	ug/L
206-44-0	Fluoranthene	51.0		0.85	5.20	ug/L
129-00-0	Pyrene	50.5		0.52	5.20	ug/L
85-68-7	Butylbenzylphthalate	51.2		2.00	5.20	ug/L
91-94-1	3,3-Dichlorobenzidine	41.5		0.96	10.3	ug/L
218-01-9	Chrysene	50.0		0.45	5.20	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	48.4		1.60	5.20	ug/L
117-84-0	Di-n-octyl phthalate	51.0		2.40	10.3	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	50.1		0.61	5.20	ug/L
53-70-3	Dibenzo(a,h)anthracene	51.0		0.69	5.20	ug/L

Raw Data: **BP025602.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:	08/20/25
Project:	120 Petro NJ	Date Received:	08/20/25
Client Sample ID:	MW-201-082025MS	SDG No.:	Q2921
Lab Sample ID:	Q2924-03MS	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	970 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
BP025602.D	1	08/22/25 10:34	08/27/25 14:18	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
95-94-3	1,2,4,5-Tetrachlorobenzene	50.1		0.54	5.20	ug/L
123-91-1	1,4-Dioxane	21.2		1.00	5.20	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	51.1		0.74	5.20	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	67.6		23 - 138	45%	SPK: 150
13127-88-3	Phenol-d6	41.4		10 - 134	28%	SPK: 150
4165-60-0	Nitrobenzene-d5	148	*	67 - 132	148%	SPK: 100
321-60-8	2-Fluorobiphenyl	79.6		52 - 132	80%	SPK: 100
118-79-6	2,4,6-Tribromophenol	138		44 - 137	92%	SPK: 150
1718-51-0	Terphenyl-d14	76.9		42 - 152	77%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	177000	7.784			
1146-65-2	Naphthalene-d8	389000	10.566			
15067-26-2	Acenaphthene-d10	433000	14.389			
1517-22-2	Phenanthrene-d10	850000	17.189			
1719-03-5	Chrysene-d12	904000	21.636			
1520-96-3	Perylene-d12	1060000	25.001			

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025602.D
Acq On : 27 Aug 2025 14:18
Operator : CG/JU
Sample : Q2924-03MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 27 14:56:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
MW-201-082025MS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/28/2025
Supervised By :Jagrut Upadhyay 08/28/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.784	152	177033	20.000	ng		-0.01
21) Naphthalene-d8	10.566	136	389081m	20.000	ng		0.00
39) Acenaphthene-d10	14.389	164	432672	20.000	ng		-0.02
64) Phenanthrene-d10	17.189	188	850262	20.000	ng		-0.01
76) Chrysene-d12	21.636	240	903685	20.000	ng		-0.01
86) Perylene-d12	25.001	264	1056322	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.413	112	720276	67.567	ng		0.00
7) Phenol-d6	6.972	99	565271	41.360	ng		0.00
23) Nitrobenzene-d5	8.925	82	1139805	148.189	ng		-0.01
42) 2,4,6-Tribromophenol	15.907	330	802398	137.779	ng		0.00
45) 2-Fluorobiphenyl	13.001	172	2521559	79.649	ng		-0.02
79) Terphenyl-d14	19.919	244	3799180	76.917	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.325	88	86034	20.604	ng		97
3) Pyridine	3.725	79	216603	18.952	ng		96
4) n-Nitrosodimethylamine	3.631	42	114731	24.350	ng	#	94
6) Aniline	7.119	93	435007	23.623	ng		97
8) 2-Chlorophenol	7.360	128	461645	38.376	ng		100
9) Benzaldehyde	6.937	77	356363	37.216	ng	#	1
10) Phenol	7.002	94	223179	15.562	ng		85
11) bis(2-Chloroethyl)ether	7.213	93	480450	42.982	ng	#	82
12) 1,3-Dichlorobenzene	7.672	146	447780	33.758	ng		98
13) 1,4-Dichlorobenzene	7.819	146	456562	33.675	ng		100
14) 1,2-Dichlorobenzene	8.131	146	451271	34.385	ng		100
15) Benzyl Alcohol	8.043	79	330762	30.458	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.325	45	248133	16.571	ng	#	56
17) 2-Methylphenol	8.249	107	326777	32.808	ng		99
18) Hexachloroethane	8.866	117	450683	90.410	ng	#	55
19) n-Nitroso-di-n-propyla...	8.578	70	370268	40.900	ng		99
20) 3+4-Methylphenols	8.549	107	547488	39.655	ng		99
22) Acetophenone	8.596	105	828397	84.900	ng		98
24) Nitrobenzene	8.966	77	572174	83.237	ng		99
25) Isophorone	9.513	82	1078122	79.204	ng		99
26) 2-Nitrophenol	9.672	139	296181	83.956	ng		98
27) 2,4-Dimethylphenol	9.749	122	445083	73.364	ng		100
28) bis(2-Chloroethoxy)met...	9.990	93	561312	68.218	ng		97
29) 2,4-Dichlorophenol	10.231	162	471453	78.228	ng		97
30) 1,2,4-Trichlorobenzene	10.443	180	497208	75.260	ng		98
31) Naphthalene	10.607	128	53384471m	2639.830	ng		
32) Benzoic acid	9.872	122	137031	30.594	ng		95
33) 4-Chloroaniline	10.707	127	246679m	27.615	ng		
34) Hexachlorobutadiene	10.890	225	285321	69.347	ng		98
35) Caprolactam	11.513	113	35758	16.181	ng		90
36) 4-Chloro-3-methylphenol	11.837	107	513005	74.182	ng		95
37) 2-Methylnaphthalene	12.213	142	10166437	772.505	ng		97
38) 1-Methylnaphthalene	12.431	142	7289723	520.863	ng		99
40) 1,2,4,5-Tetrachloroben...	12.572	216	607380	48.606	ng		99
41) Hexachlorocyclopentadiene	12.554	237	583510	77.305	ng		99
43) 2,4,6-Trichlorophenol	12.813	196	410669	48.679	ng		99

Sample Results: **BP025602.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025602.D
Acq On : 27 Aug 2025 14:18
Operator : CG/JU
Sample : Q2924-03MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 27 14:56:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
MW-201-082025MS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/28/2025
Supervised By :Jagrut Upadhyay 08/28/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.901	196	442682	47.879	ng	97
46) 1,1'-Biphenyl	13.219	154	2122145	67.534	ng	99
47) 2-Chloronaphthalene	13.260	162	1159450	47.397	ng	99
48) 2-Nitroaniline	13.460	65	373967	52.466	ng	99
49) Acenaphthylene	14.113	152	7330044	181.084	ng	98
50) Dimethylphthalate	13.842	163	1497485	47.263	ng	99
51) 2,6-Dinitrotoluene	13.966	165	332758	49.828	ng	96
52) Acenaphthene	14.454	154	1259575	53.012	ng	100
53) 3-Nitroaniline	14.295	138	230882	30.729	ng	98
54) 2,4-Dinitrophenol	14.507	184	407573	114.285	ng	99
55) Dibenzofuran	14.789	168	1868479	49.740	ng	100
56) 4-Nitrophenol	14.648	139	251770	40.778	ng	96
57) 2,4-Dinitrotoluene	14.760	165	492932	51.735	ng	98
58) Fluorene	15.454	166	1929806	65.105	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.031	232	404723m	49.575	ng	
60) Diethylphthalate	15.225	149	1570718	48.789	ng	99
61) 4-Chlorophenyl-phenyle...	15.448	204	693292	47.029	ng	99
62) 4-Nitroaniline	15.472	138	362177	47.020	ng	97
63) Azobenzene	15.754	77	1380374	50.074	ng	97
65) 4,6-Dinitro-2-methylph...	15.536	198	283344	53.460	ng	94
66) n-Nitrosodiphenylamine	15.672	169	1286193	49.606	ng	99
67) 4-Bromophenyl-phenylether	16.372	248	467298	49.971	ng	99
68) Hexachlorobenzene	16.483	284	552050	50.927	ng	98
69) Atrazine	16.654	200	450342	46.379	ng	98
70) Pentachlorophenol	16.836	266	715400	104.547	ng	98
71) Phenanthrene	17.236	178	2961334	63.401	ng	100
72) Anthracene	17.336	178	2472023	51.827	ng	100
73) Carbazole	17.607	167	2687128	59.810	ng	100
74) Di-n-butylphthalate	18.201	149	2751702	49.782	ng	100
75) Fluoranthene	19.319	202	2756444	49.475	ng	99
77) Benzidine	19.524	184	778981	25.258	ng	99
78) Pyrene	19.695	202	2876336	48.970	ng	99
80) Butylbenzylphthalate	20.648	149	1322126	49.666	ng	98
81) Benzo(a)anthracene	21.618	228	2864079	48.056	ng	100
82) 3,3'-Dichlorobenzidine	21.542	252	904366	40.258	ng	99
83) Chrysene	21.689	228	2708735	48.532	ng	99
84) Bis(2-ethylhexyl)phtha...	21.554	149	1840824	46.976	ng	99
85) Di-n-octyl phthalate	22.842	149	3331848	49.432	ng	99
87) Indeno(1,2,3-cd)pyrene	28.853	276	3764445m	48.595	ng	
88) Benzo(b)fluoranthene	23.948	252	3022805	48.529	ng	99
89) Benzo(k)fluoranthene	24.018	252	2971189	47.668	ng	99
90) Benzo(a)pyrene	24.854	252	2898626	47.806	ng	99
91) Dibenzo(a,h)anthracene	28.936	278	3130465	49.450	ng	98
92) Benzo(g,h,i)perylene	30.047	276	3028218	48.663	ng	99

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

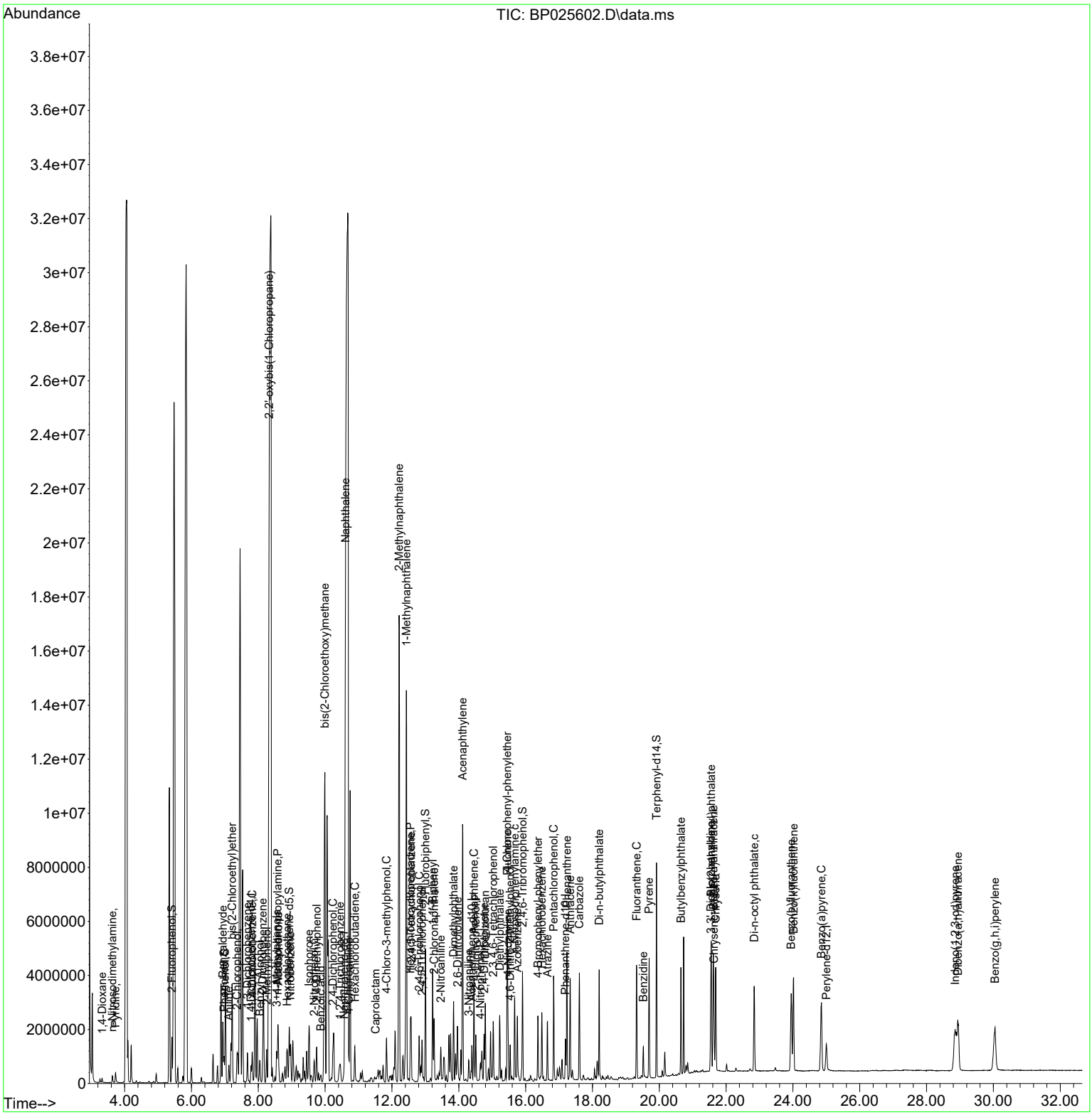
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025602.D
Acq On : 27 Aug 2025 14:18
Operator : CG/JU
Sample : Q2924-03MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Aug 27 14:56:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
MW-201-082025MS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/28/2025
Supervised By :Jagrut Upadhyay 08/28/2025



Raw Data: **BP025603.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:	08/20/25
Project:	120 Petro NJ	Date Received:	08/20/25
Client Sample ID:	MW-201-082025MSD	SDG No.:	Q2921
Lab Sample ID:	Q2924-04MSD	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	950 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
BP025603.D	1	08/22/25 10:34	08/27/25 15:00	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	37.7		4.10	10.5	ug/L
108-95-2	Phenol	16.4		0.96	5.30	ug/L
111-44-4	bis(2-Chloroethyl)ether	44.2		0.85	5.30	ug/L
95-57-8	2-Chlorophenol	39.6		0.61	5.30	ug/L
95-48-7	2-Methylphenol	34.5		1.20	5.30	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	18.4		1.30	5.30	ug/L
98-86-2	Acetophenone	90.6	E	0.78	5.30	ug/L
65794-96-9	3+4-Methylphenols	41.7		1.20	10.5	ug/L
621-64-7	n-Nitroso-di-n-propylamine	43.2		1.50	2.60	ug/L
67-72-1	Hexachloroethane	96.9	E	0.68	5.30	ug/L
98-95-3	Nitrobenzene	89.1	E	0.80	5.30	ug/L
78-59-1	Isophorone	85.0	E	0.79	5.30	ug/L
88-75-5	2-Nitrophenol	90.4	E	1.90	5.30	ug/L
105-67-9	2,4-Dimethylphenol	78.4		1.90	5.30	ug/L
111-91-1	bis(2-Chloroethoxy)methane	75.2		0.72	5.30	ug/L
120-83-2	2,4-Dichlorophenol	85.1	E	0.55	5.30	ug/L
91-20-3	Naphthalene	3000	E	0.53	5.30	ug/L
106-47-8	4-Chloroaniline	31.3		0.88	5.30	ug/L
87-68-3	Hexachlorobutadiene	74.8		0.57	5.30	ug/L
105-60-2	Caprolactam	17.0		1.20	10.5	ug/L
59-50-7	4-Chloro-3-methylphenol	79.4		0.62	5.30	ug/L
91-57-6	2-Methylnaphthalene	850	E	0.59	5.30	ug/L
77-47-4	Hexachlorocyclopentadiene	76.9		3.80	10.5	ug/L
88-06-2	2,4,6-Trichlorophenol	50.2		0.54	5.30	ug/L
95-95-4	2,4,5-Trichlorophenol	49.9		0.65	5.30	ug/L
92-52-4	1,1-Biphenyl	70.0		0.56	5.30	ug/L
91-58-7	2-Chloronaphthalene	48.9		0.64	5.30	ug/L
88-74-4	2-Nitroaniline	53.9		1.30	5.30	ug/L
131-11-3	Dimethylphthalate	47.8		0.64	5.30	ug/L

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:	08/20/25
Project:	120 Petro NJ	Date Received:	08/20/25
Client Sample ID:	MW-201-082025MSD	SDG No.:	Q2921
Lab Sample ID:	Q2924-04MSD	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	950 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
BP025603.D	1	08/22/25 10:34	08/27/25 15:00	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
208-96-8	Acenaphthylene	190	E	0.79	5.30	ug/L
606-20-2	2,6-Dinitrotoluene	51.3		0.97	5.30	ug/L
99-09-2	3-Nitroaniline	32.4		1.10	5.30	ug/L
83-32-9	Acenaphthene	53.5		0.58	5.30	ug/L
51-28-5	2,4-Dinitrophenol	120	E	6.30	10.5	ug/L
100-02-7	4-Nitrophenol	42.7		2.50	10.5	ug/L
132-64-9	Dibenzofuran	51.2		0.64	5.30	ug/L
121-14-2	2,4-Dinitrotoluene	52.5		1.30	5.30	ug/L
84-66-2	Diethylphthalate	48.9		0.73	5.30	ug/L
7005-72-3	4-Chlorophenyl-phenylether	48.5		0.72	5.30	ug/L
86-73-7	Fluorene	68.0		0.66	5.30	ug/L
100-01-6	4-Nitroaniline	49.4		1.60	5.30	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	55.7		3.00	10.5	ug/L
86-30-6	n-Nitrosodiphenylamine	50.5		0.61	5.30	ug/L
101-55-3	4-Bromophenyl-phenylether	52.0		0.42	5.30	ug/L
118-74-1	Hexachlorobenzene	52.3		0.55	5.30	ug/L
1912-24-9	Atrazine	48.5		1.10	5.30	ug/L
87-86-5	Pentachlorophenol	110	E	1.70	10.5	ug/L
85-01-8	Phenanthrene	67.2		0.53	5.30	ug/L
120-12-7	Anthracene	53.2		0.64	5.30	ug/L
86-74-8	Carbazole	63.5		0.76	5.30	ug/L
84-74-2	Di-n-butylphthalate	52.6		1.30	5.30	ug/L
206-44-0	Fluoranthene	51.6		0.86	5.30	ug/L
129-00-0	Pyrene	50.1		0.53	5.30	ug/L
85-68-7	Butylbenzylphthalate	52.0		2.00	5.30	ug/L
91-94-1	3,3-Dichlorobenzidine	43.4		0.98	10.5	ug/L
218-01-9	Chrysene	51.2		0.46	5.30	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	49.7		1.70	5.30	ug/L
117-84-0	Di-n-octyl phthalate	52.0		2.50	10.5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	50.9		0.62	5.30	ug/L
53-70-3	Dibenzo(a,h)anthracene	51.6		0.71	5.30	ug/L

Raw Data: **BP025603.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:	08/20/25
Project:	120 Petro NJ	Date Received:	08/20/25
Client Sample ID:	MW-201-082025MSD	SDG No.:	Q2921
Lab Sample ID:	Q2924-04MSD	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	950 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
BP025603.D	1	08/22/25 10:34	08/27/25 15:00	PB169362

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
95-94-3	1,2,4,5-Tetrachlorobenzene	49.8		0.55	5.30	ug/L
123-91-1	1,4-Dioxane	21.8		1.10	5.30	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	50.6		0.76	5.30	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	67.4		23 - 138	45%	SPK: 150
13127-88-3	Phenol-d6	41.4		10 - 134	28%	SPK: 150
4165-60-0	Nitrobenzene-d5	149	*	67 - 132	149%	SPK: 100
321-60-8	2-Fluorobiphenyl	78.1		52 - 132	78%	SPK: 100
118-79-6	2,4,6-Tribromophenol	135		44 - 137	90%	SPK: 150
1718-51-0	Terphenyl-d14	76.2		42 - 152	76%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	166000	7.778			
1146-65-2	Naphthalene-d8	359000	10.566			
15067-26-2	Acenaphthene-d10	418000	14.401			
1517-22-2	Phenanthrene-d10	814000	17.201			
1719-03-5	Chrysene-d12	888000	21.636			
1520-96-3	Perylene-d12	1060000	25.007			

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025603.D
Acq On : 27 Aug 2025 15:00
Operator : CG/JU
Sample : Q2924-04MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 27 15:23:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
MW-201-082025MSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/28/2025
Supervised By :Jagrut Upadhyay 08/28/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.778	152	165573	20.000	ng		-0.02
21) Naphthalene-d8	10.566	136	358938m	20.000	ng		0.00
39) Acenaphthene-d10	14.401	164	417829	20.000	ng		0.00
64) Phenanthrene-d10	17.201	188	814298	20.000	ng		0.00
76) Chrysene-d12	21.636	240	887974	20.000	ng		-0.01
86) Perylene-d12	25.007	264	1057493	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.414	112	671751	67.377	ng		0.00
7) Phenol-d6	6.972	99	529341	41.411	ng		0.00
23) Nitrobenzene-d5	8.925	82	1058184	149.131	ng		-0.01
42) 2,4,6-Tribromophenol	15.913	330	757775	134.739	ng		0.00
45) 2-Fluorobiphenyl	13.007	172	2386494	78.060	ng		-0.01
79) Terphenyl-d14	19.919	244	3697065	76.174	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.320	88	80709	20.667	ng		99
3) Pyridine	3.725	79	202156	18.912	ng		95
4) n-Nitrosodimethylamine	3.631	42	105107	23.851	ng		96
6) Aniline	7.113	93	412121	23.929	ng		97
8) 2-Chlorophenol	7.360	128	422887	37.587	ng		97
9) Benzaldehyde	6.931	77	320616	35.801	ng	#	1
10) Phenol	6.996	94	209480	15.618	ng		89
11) bis(2-Chloroethyl)ether	7.213	93	438912	41.984	ng	#	81
12) 1,3-Dichlorobenzene	7.672	146	417263	33.634	ng		98
13) 1,4-Dichlorobenzene	7.813	146	431205	34.006	ng		98
14) 1,2-Dichlorobenzene	8.131	146	424297	34.567	ng		99
15) Benzyl Alcohol	8.037	79	309179	30.441	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.319	45	244473	17.457	ng	#	57
17) 2-Methylphenol	8.243	107	305694	32.816	ng		98
18) Hexachloroethane	8.866	117	429233	92.067	ng	#	53
19) n-Nitroso-di-n-propyla...	8.578	70	347670	41.062	ng		99
20) 3+4-Methylphenols	8.543	107	511394	39.604	ng		99
22) Acetophenone	8.590	105	774732	86.068	ng		98
24) Nitrobenzene	8.966	77	536503	84.602	ng		98
25) Isophorone	9.507	82	1014281	80.771	ng		98
26) 2-Nitrophenol	9.672	139	279469	85.872	ng		99
27) 2,4-Dimethylphenol	9.749	122	417062	74.518	ng		97
28) bis(2-Chloroethoxy)met...	9.984	93	542429	71.459	ng		97
29) 2,4-Dichlorophenol	10.231	162	449299	80.812	ng		99
30) 1,2,4-Trichlorobenzene	10.443	180	470127	77.137	ng		98
31) Naphthalene	10.607	128	53257232m	2854.698	ng		
32) Benzoic acid	9.872	122	130466	31.575	ng		99
33) 4-Chloroaniline	10.713	127	245084m	29.741	ng		
34) Hexachlorobutadiene	10.884	225	269655	71.043	ng		97
35) Caprolactam	11.507	113	33012	16.193	ng		92
36) 4-Chloro-3-methylphenol	11.837	107	481225	75.431	ng		91
37) 2-Methylnaphthalene	12.219	142	9833822	809.982	ng		97
38) 1-Methylnaphthalene	12.431	142	6970742	539.898	ng		99
40) 1,2,4,5-Tetrachloroben...	12.572	216	570448	47.272	ng		99
41) Hexachlorocyclopentadiene	12.554	237	532370	73.036	ng		99
43) 2,4,6-Trichlorophenol	12.819	196	388583	47.698	ng		99

Sample Results: **BP025603.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025603.D
Acq On : 27 Aug 2025 15:00
Operator : CG/JU
Sample : Q2924-04MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 27 15:23:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
MW-201-082025MSD

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 08/28/2025
Supervised By :Jagrut Upadhyay 08/28/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.901	196	423357	47.415	ng		97
46) 1,1'-Biphenyl	13.219	154	2017741	66.493	ng		99
47) 2-Chloronaphthalene	13.260	162	1096677	46.423	ng		98
48) 2-Nitroaniline	13.466	65	352640	51.231	ng		99
49) Acenaphthylene	14.125	152	6895606	176.403	ng		99
50) Dimethylphthalate	13.842	163	1390812	45.456	ng		99
51) 2,6-Dinitrotoluene	13.960	165	314131	48.710	ng		92
52) Acenaphthene	14.466	154	1167251	50.872	ng		100
53) 3-Nitroaniline	14.295	138	223346	30.782	ng		94
54) 2,4-Dinitrophenol	14.513	184	383271	111.288	ng		98
55) Dibenzofuran	14.807	168	1764171	48.631	ng		98
56) 4-Nitrophenol	14.642	139	241694	40.537	ng		92
57) 2,4-Dinitrotoluene	14.766	165	458819	49.866	ng		96
58) Fluorene	15.460	166	1850230	64.638	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.037	232	379145	48.091	ng		99
60) Diethylphthalate	15.231	149	1443076	46.416	ng		100
61) 4-Chlorophenyl-phenyle...	15.460	204	655680	46.058	ng		96
62) 4-Nitroaniline	15.484	138	349130	46.936	ng		95
63) Azobenzene	15.754	77	1311741	49.274	ng		98
65) 4,6-Dinitro-2-methylph...	15.548	198	268592	52.915	ng		96
66) n-Nitrosodiphenylamine	15.666	169	1192328	48.017	ng		100
67) 4-Bromophenyl-phenylether	16.366	248	442265	49.383	ng		95
68) Hexachlorobenzene	16.489	284	516257	49.728	ng		98
69) Atrazine	16.654	200	428690	46.099	ng		99
70) Pentachlorophenol	16.848	266	659376	100.616	ng		97
71) Phenanthrene	17.242	178	2855159	63.828	ng		99
72) Anthracene	17.336	178	2308905	50.545	ng		99
73) Carbazole	17.619	167	2594549	60.300	ng		99
74) Di-n-butylphthalate	18.207	149	2643612	49.938	ng		100
75) Fluoranthene	19.325	202	2617503	49.056	ng		99
77) Benzidine	19.513	184	785899	25.933	ng		100
78) Pyrene	19.701	202	2744373	47.550	ng		100
80) Butylbenzylphthalate	20.636	149	1291637	49.379	ng		98
81) Benzo(a)anthracene	21.619	228	2778578	47.447	ng		99
82) 3,3'-Dichlorobenzidine	21.530	252	910515	41.249	ng		99
83) Chrysene	21.683	228	2668181	48.651	ng		99
84) Bis(2-ethylhexyl)phtha...	21.554	149	1818319	47.223	ng		100
85) Di-n-octyl phthalate	22.836	149	3269105	49.360	ng		99
87) Indeno(1,2,3-cd)pyrene	28.836	276	3751770	48.377	ng	#	91
88) Benzo(b)fluoranthene	23.948	252	2986627	47.895	ng		98
89) Benzo(k)fluoranthene	24.024	252	2942937	47.163	ng		99
90) Benzo(a)pyrene	24.854	252	2870696	47.293	ng		99
91) Dibenzo(a,h)anthracene	28.924	278	3109637	49.066	ng		98
92) Benzo(g,h,i)perylene	30.042	276	2995786	48.088	ng		98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082725\
Data File : BP025603.D
Acq On : 27 Aug 2025 15:00
Operator : CG/JU
Sample : Q2924-04MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Aug 27 15:23:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
MW-201-082025MSD

Manual Integrations APPROVED

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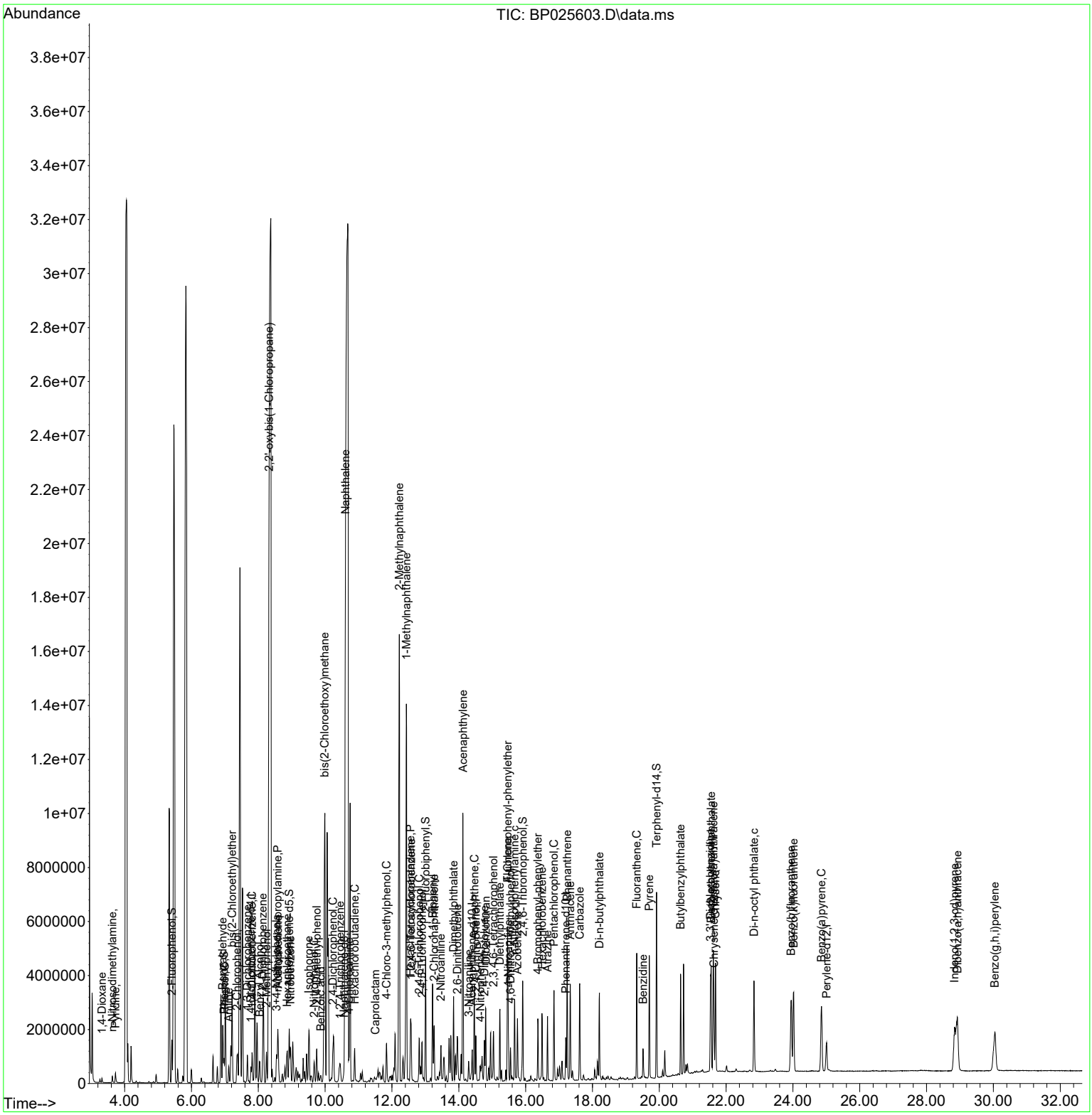
Supervised By :Jagrut Upadhyay 08/28/2025



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

Manual Integration Report

Sequence:	BP081425	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BP025393.D	Acenaphthene	Rahul	8/15/2025 9:34:57 AM	Jagrut	8/15/2025 12:49:22 PM	Peak Integrated by Software
SSTDICC010	BP025394.D	Acenaphthene	Rahul	8/15/2025 9:34:54 AM	Jagrut	8/15/2025 12:49:24 PM	Peak Integrated by Software
SSTDICC010	BP025394.D	Benzaldehyde	Rahul	8/15/2025 9:34:54 AM	Jagrut	8/15/2025 12:49:24 PM	Peak Integrated by Software
SSTDICC010	BP025394.D	Benzoic acid	Rahul	8/15/2025 9:34:54 AM	Jagrut	8/15/2025 12:49:24 PM	Peak Integrated by Software
SSTDICC010	BP025394.D	Indeno(1,2,3-cd)pyrene	Rahul	8/15/2025 9:34:54 AM	Jagrut	8/15/2025 12:49:24 PM	Peak Integrated by Software
SSTDICC020	BP025395.D	Acenaphthene	Rahul	8/15/2025 9:34:49 AM	Jagrut	8/15/2025 12:49:27 PM	Peak Integrated by Software
SSTDICC020	BP025395.D	Benzoic acid	Rahul	8/15/2025 9:34:49 AM	Jagrut	8/15/2025 12:49:27 PM	Peak Integrated by Software
SSTDICC020	BP025395.D	Indeno(1,2,3-cd)pyrene	Rahul	8/15/2025 9:34:49 AM	Jagrut	8/15/2025 12:49:27 PM	Peak Integrated by Software
SSTDICCC040	BP025396.D	Indeno(1,2,3-cd)pyrene	Rahul	8/15/2025 9:34:47 AM	Jagrut	8/15/2025 12:49:30 PM	Peak Integrated by Software
SSTDICC050	BP025397.D	Benzo(g,h,i)perylene	Rahul	8/15/2025 9:34:43 AM	Jagrut	8/15/2025 12:49:33 PM	Peak Integrated by Software
SSTDICC050	BP025397.D	Indeno(1,2,3-cd)pyrene	Rahul	8/15/2025 9:34:43 AM	Jagrut	8/15/2025 12:49:33 PM	Peak Integrated by Software
SSTDICC080	BP025399.D	Indeno(1,2,3-cd)pyrene	Rahul	8/15/2025 9:34:40 AM	Jagrut	8/15/2025 12:49:36 PM	Peak Integrated by Software
SSTDICV040	BP025400.D	Acenaphthene	Rahul	8/15/2025 9:34:38 AM	Jagrut	8/15/2025 12:49:39 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BP081425	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BP025403.D	Indeno(1,2,3-cd)pyrene	Rahul	8/15/2025 9:34:33 AM	Jagrut	8/15/2025 12:49:44 PM	Peak Integrated by Software
SSTDCCC040	BP025405.D	Indeno(1,2,3-cd)pyrene	Rahul	8/15/2025 9:34:31 AM	Jagrut	8/15/2025 12:49:46 PM	Peak Integrated by Software
SSTDCCC040	BP025420.D	Acenaphthene	Rahul	8/15/2025 12:47:42 PM	Jagrut	8/15/2025 12:48:50 PM	Peak Integrated by Software
SSTDCCC040	BP025420.D	Indeno(1,2,3-cd)pyrene	Rahul	8/15/2025 12:47:42 PM	Jagrut	8/15/2025 12:48:50 PM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BP082525	Instrument	BNA_p

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

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Manual Integration Report

Sequence:	bp082625	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:	BP082725	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q2924-03MS	BP025602.D	2,3,4,6-Tetrachlorophenol	Rahul	8/28/2025 8:28:48 AM	Jagrut	8/28/2025 1:39:19 PM	Peak Integrated by Software
Q2924-03MS	BP025602.D	4-Chloroaniline	Rahul	8/28/2025 8:28:48 AM	Jagrut	8/28/2025 1:39:19 PM	Peak Integrated by Software
Q2924-03MS	BP025602.D	Indeno(1,2,3-cd)pyrene	Rahul	8/28/2025 8:28:48 AM	Jagrut	8/28/2025 1:39:19 PM	Peak Integrated by Software
Q2924-03MS	BP025602.D	Naphthalene	Rahul	8/28/2025 8:28:48 AM	Jagrut	8/28/2025 1:39:19 PM	Peak Integrated by Software
Q2924-03MS	BP025602.D	Naphthalene-d8	Rahul	8/28/2025 8:28:48 AM	Jagrut	8/28/2025 1:39:19 PM	Peak Integrated by Software
Q2924-04MSD	BP025603.D	4-Chloroaniline	Rahul	8/28/2025 8:28:51 AM	Jagrut	8/28/2025 1:39:22 PM	Peak Integrated by Software
Q2924-04MSD	BP025603.D	Naphthalene	Rahul	8/28/2025 8:28:51 AM	Jagrut	8/28/2025 1:39:22 PM	Peak Integrated by Software
Q2924-04MSD	BP025603.D	Naphthalene-d8	Rahul	8/28/2025 8:28:51 AM	Jagrut	8/28/2025 1:39:22 PM	Peak Integrated by Software

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 # BP081425

Review By	Rahul	Review On	8/15/2025 9:35:16 AM		
Supervise By	Jagrut	Supervise On	8/15/2025 3:48:12 PM		
SubDirectory	BP081425	HP Acquire Method	BNA_P	HP Processing Method	bp081425

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13170,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP025390.D	14 Aug 2025 10:30	CG/JU	Ok
2	SSTDCCC040	BP025391.D	14 Aug 2025 11:52	CG/JU	Not Ok
3	SSTDICC2.5	BP025392.D	14 Aug 2025 12:33	CG/JU	Ok
4	SSTDICC005	BP025393.D	14 Aug 2025 13:15	CG/JU	Ok,M
5	SSTDICC010	BP025394.D	14 Aug 2025 13:56	CG/JU	Ok,M
6	SSTDICC020	BP025395.D	14 Aug 2025 14:38	CG/JU	Ok,M
7	SSTDICCC040	BP025396.D	14 Aug 2025 15:19	CG/JU	Ok,M
8	SSTDICC050	BP025397.D	14 Aug 2025 16:01	CG/JU	Ok,M
9	SSTDICC060	BP025398.D	14 Aug 2025 16:42	CG/JU	Ok
10	SSTDICC080	BP025399.D	14 Aug 2025 17:24	CG/JU	Ok,M
11	SSTDICV040	BP025400.D	14 Aug 2025 18:05	CG/JU	Ok,M
12	PB169200TB	BP025401.D	14 Aug 2025 19:28	CG/JU	Ok
13	PB169210BS	BP025402.D	14 Aug 2025 20:10	CG/JU	Ok,M
14	SSTDCCC040	BP025403.D	14 Aug 2025 20:51	CG/JU	Ok,M
15	DFTPP	BP025404.D	14 Aug 2025 22:14	CG/JU	Ok
16	SSTDCCC040	BP025405.D	14 Aug 2025 22:56	CG/JU	Ok,M
17	PB169228BL	BP025406.D	14 Aug 2025 23:37	CG/JU	Ok
18	PB169228BS	BP025407.D	15 Aug 2025 00:18	CG/JU	Ok,M
19	Q2820-10	BP025408.D	15 Aug 2025 01:00	CG/JU	Ok
20	Q2820-11	BP025409.D	15 Aug 2025 01:41	CG/JU	Ok
21	Q2820-21	BP025410.D	15 Aug 2025 02:22	CG/JU	ReRun

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP081425

Review By	Rahul	Review On	8/15/2025 9:35:16 AM		
Supervise By	Jagrut	Supervise On	8/15/2025 3:48:12 PM		
SubDirectory	BP081425	HP Acquire Method	BNA_P	HP Processing Method	bp081425

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13170,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2820-22	BP025411.D	15 Aug 2025 03:03	CG/JU	ReRun
23	Q2820-14	BP025412.D	15 Aug 2025 03:45	CG/JU	Ok
24	Q2820-16	BP025413.D	15 Aug 2025 04:26	CG/JU	Ok
25	Q2820-17	BP025414.D	15 Aug 2025 05:07	CG/JU	Ok
26	Q2820-17MS	BP025415.D	15 Aug 2025 05:48	CG/JU	Ok,M
27	Q2820-17MSD	BP025416.D	15 Aug 2025 06:29	CG/JU	Ok,M
28	Q2820-18	BP025417.D	15 Aug 2025 07:10	CG/JU	Ok
29	Q2820-19	BP025418.D	15 Aug 2025 07:51	CG/JU	ReRun
30	Q2820-20	BP025419.D	15 Aug 2025 08:32	CG/JU	ReRun
31	SSTDCCC040	BP025420.D	15 Aug 2025 09:13	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 # BP082525

Review By	Rahul	Review On	8/26/2025 10:26:59 AM		
Supervise By	Jagrut	Supervise On	8/26/2025 12:54:30 PM		
SubDirectory	BP082525	HP Acquire Method	BNA_P	HP Processing Method	bp081425

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13173,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP025560.D	25 Aug 2025 10:24	CG/JU	Ok
2	SSTDCCC040	BP025561.D	25 Aug 2025 12:13	CG/JU	Ok
3	PB169362BL	BP025562.D	25 Aug 2025 12:54	CG/JU	Ok
4	SP6865	BP025563.D	25 Aug 2025 13:36	CG/JU	Ok
5	Q2933-04	BP025564.D	25 Aug 2025 14:21	CG/JU	Ok
6	Q2933-04MS	BP025565.D	25 Aug 2025 15:02	CG/JU	Ok
7	Q2933-04MSD	BP025566.D	25 Aug 2025 15:43	CG/JU	Ok
8	Q2932-05	BP025567.D	25 Aug 2025 16:25	CG/JU	Ok
9	Q2933-02	BP025568.D	25 Aug 2025 17:06	CG/JU	Ok
10	Q2909-02	BP025569.D	25 Aug 2025 17:48	CG/JU	Ok,M
11	Q2909-02MS	BP025570.D	25 Aug 2025 18:29	CG/JU	Ok,M
12	Q2909-02MSD	BP025571.D	25 Aug 2025 19:11	CG/JU	Ok,M
13	Q2932-01	BP025572.D	25 Aug 2025 19:52	CG/JU	Ok
14	Q2949-01	BP025573.D	25 Aug 2025 20:33	CG/JU	Ok
15	Q2941-01	BP025574.D	25 Aug 2025 21:14	CG/JU	Ok,M
16	Q2947-01	BP025575.D	25 Aug 2025 21:55	CG/JU	Ok,M
17	Q2932-03	BP025576.D	25 Aug 2025 22:37	CG/JU	Not Ok
18	Q2947-03	BP025577.D	25 Aug 2025 23:18	CG/JU	Not 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 # BP082625

Review By	Rahul	Review On	8/27/2025 9:27:24 AM				
Supervise By	Jagrut	Supervise On	8/27/2025 11:38:38 AM				
SubDirectory	BP082625	HP Acquire Method	BNA_P		HP Processing Method	bp081425	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13173,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP025578.D	26 Aug 2025 08:59	CG/JU	Ok
2	SSTDCCC040	BP025579.D	26 Aug 2025 10:21	CG/JU	Ok
3	PB169325TB	BP025580.D	26 Aug 2025 11:02	CG/JU	Ok
4	PB169362BS	BP025581.D	26 Aug 2025 11:44	CG/JU	Ok
5	Q2941-02	BP025582.D	26 Aug 2025 12:29	CG/JU	Ok
6	Q2924-05DL	BP025583.D	26 Aug 2025 13:10	CG/JU	Dilution
7	Q2932-03	BP025584.D	26 Aug 2025 13:51	CG/JU	Ok,M
8	Q2926-01	BP025585.D	26 Aug 2025 14:33	CG/JU	Ok
9	Q2924-05DL2	BP025586.D	26 Aug 2025 15:14	CG/JU	Ok
10	Q2940-01	BP025587.D	26 Aug 2025 15:55	CG/JU	Ok
11	Q2924-08	BP025588.D	26 Aug 2025 16:37	CG/JU	Ok
12	Q2924-09	BP025589.D	26 Aug 2025 17:18	CG/JU	Ok
13	Q2924-06	BP025590.D	26 Aug 2025 17:59	CG/JU	Ok
14	Q2936-02	BP025591.D	26 Aug 2025 18:41	CG/JU	Dilution
15	Q2947-03	BP025592.D	26 Aug 2025 19:22	CG/JU	Ok,M
16	Q2892-02	BP025593.D	26 Aug 2025 20:03	CG/JU	Ok
17	Q2928-01	BP025594.D	26 Aug 2025 20:44	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 # BP082725

Review By	Rahul	Review On	8/28/2025 8:32:26 AM				
Supervise By	Jagrut	Supervise On	8/28/2025 1:40:30 PM				
SubDirectory	BP082725	HP Acquire Method	BNA_P		HP Processing Method	bp081425	

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13173,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP025595.D	27 Aug 2025 08:58	CG/JU	Ok
2	SSTDCCC040	BP025596.D	27 Aug 2025 09:39	CG/JU	Ok
3	PB169370BL	BP025597.D	27 Aug 2025 10:20	CG/JU	Ok
4	PB169370BS	BP025598.D	27 Aug 2025 11:01	CG/JU	Ok
5	PB169382BL	BP025599.D	27 Aug 2025 11:42	CG/JU	Ok
6	PB169382BS	BP025600.D	27 Aug 2025 12:23	CG/JU	Ok
7	Q2924-02	BP025601.D	27 Aug 2025 13:37	CG/JU	Dilution
8	Q2924-03MS	BP025602.D	27 Aug 2025 14:18	CG/JU	Ok,M
9	Q2924-04MSD	BP025603.D	27 Aug 2025 15:00	CG/JU	Ok,M
10	Q2936-02DL	BP025604.D	27 Aug 2025 15:41	CG/JU	Dilution
11	Q2936-02DL2	BP025605.D	27 Aug 2025 16:22	CG/JU	Ok
12	Q2921-01	BP025606.D	27 Aug 2025 17:03	CG/JU	Ok
13	Q2924-02DL	BP025607.D	27 Aug 2025 17:44	CG/JU	Dilution
14	Q2924-02DL2	BP025608.D	27 Aug 2025 18:26	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 # BP081425

Review By	Rahul	Review On	8/15/2025 9:35:16 AM		
Supervise By	Jagrut	Supervise On	8/15/2025 3:48:12 PM		
SubDirectory	BP081425	HP Acquire Method	BNA_P	HP Processing Method	bp081425

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13170,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP025390.D	14 Aug 2025 10:30		CG/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP025391.D	14 Aug 2025 11:52	A Fresh Calibration is required.	CG/JU	Not Ok
3	SSTDICC2.5	SSTDICC2.5	BP025392.D	14 Aug 2025 12:33		CG/JU	Ok
4	SSTDICC005	SSTDICC005	BP025393.D	14 Aug 2025 13:15		CG/JU	Ok,M
5	SSTDICC010	SSTDICC010	BP025394.D	14 Aug 2025 13:56		CG/JU	Ok,M
6	SSTDICC020	SSTDICC020	BP025395.D	14 Aug 2025 14:38		CG/JU	Ok,M
7	SSTDICCC040	SSTDICCC040	BP025396.D	14 Aug 2025 15:19	Benzidine failed in the Calibration Method.	CG/JU	Ok,M
8	SSTDICC050	SSTDICC050	BP025397.D	14 Aug 2025 16:01		CG/JU	Ok,M
9	SSTDICC060	SSTDICC060	BP025398.D	14 Aug 2025 16:42		CG/JU	Ok
10	SSTDICC080	SSTDICC080	BP025399.D	14 Aug 2025 17:24		CG/JU	Ok,M
11	SSTDICV040	ICVBP081425	BP025400.D	14 Aug 2025 18:05		CG/JU	Ok,M
12	PB169200TB	PB169200TB	BP025401.D	14 Aug 2025 19:28		CG/JU	Ok
13	PB169210BS	PB169210BS	BP025402.D	14 Aug 2025 20:10		CG/JU	Ok,M
14	SSTDCCC040	SSTDCCC040EC	BP025403.D	14 Aug 2025 20:51		CG/JU	Ok,M
15	DFTPP	DFTPP	BP025404.D	14 Aug 2025 22:14		CG/JU	Ok
16	SSTDCCC040	SSTDCCC040	BP025405.D	14 Aug 2025 22:56		CG/JU	Ok,M
17	PB169228BL	PB169228BL	BP025406.D	14 Aug 2025 23:37		CG/JU	Ok

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Fax : 908 789 8922

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP081425

Review By	Rahul	Review On	8/15/2025 9:35:16 AM		
Supervise By	Jagrut	Supervise On	8/15/2025 3:48:12 PM		
SubDirectory	BP081425	HP Acquire Method	BNA_P	HP Processing Method	bp081425

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13170,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

18	PB169228BS	PB169228BS	BP025407.D	15 Aug 2025 00:18		CG/JU	Ok,M
19	Q2820-10	SOIL-DUP-2	BP025408.D	15 Aug 2025 01:00		CG/JU	Ok
20	Q2820-11	10PC-W	BP025409.D	15 Aug 2025 01:41		CG/JU	Ok
21	Q2820-21	22M-N	BP025410.D	15 Aug 2025 02:22	Surrogate Fail	CG/JU	ReRun
22	Q2820-22	22M-W	BP025411.D	15 Aug 2025 03:03	Surrogate Fail	CG/JU	ReRun
23	Q2820-14	10P-E	BP025412.D	15 Aug 2025 03:45		CG/JU	Ok
24	Q2820-16	10P-N	BP025413.D	15 Aug 2025 04:26		CG/JU	Ok
25	Q2820-17	88H-E	BP025414.D	15 Aug 2025 05:07		CG/JU	Ok
26	Q2820-17MS	88H-EMS	BP025415.D	15 Aug 2025 05:48		CG/JU	Ok,M
27	Q2820-17MSD	88H-EMSD	BP025416.D	15 Aug 2025 06:29		CG/JU	Ok,M
28	Q2820-18	88H-N	BP025417.D	15 Aug 2025 07:10		CG/JU	Ok
29	Q2820-19	88H-W	BP025418.D	15 Aug 2025 07:51	Surrogate fail	CG/JU	ReRun
30	Q2820-20	88H-S	BP025419.D	15 Aug 2025 08:32	Surrogate Fail	CG/JU	ReRun
31	SSTDCCC040	SSTDCCC040EC	BP025420.D	15 Aug 2025 09:13		CG/JU	Ok,M

M : Manual Integration

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP082525

Review By	Rahul	Review On	8/26/2025 10:26:59 AM		
Supervise By	Jagrut	Supervise On	8/26/2025 12:54:30 PM		
SubDirectory	BP082525	HP Acquire Method	BNA_P	HP Processing Method	bp081425

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13173,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP025560.D	25 Aug 2025 10:24		CG/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP025561.D	25 Aug 2025 12:13		CG/JU	Ok
3	PB169362BL	PB169362BL	BP025562.D	25 Aug 2025 12:54		CG/JU	Ok
4	SP6865	SP6865	BP025563.D	25 Aug 2025 13:36		CG/JU	Ok
5	Q2933-04	29-SEPTIC	BP025564.D	25 Aug 2025 14:21		CG/JU	Ok
6	Q2933-04MS	29-SEPTICMS	BP025565.D	25 Aug 2025 15:02		CG/JU	Ok
7	Q2933-04MSD	29-SEPTICMSD	BP025566.D	25 Aug 2025 15:43		CG/JU	Ok
8	Q2932-05	ARS20-0002-CONCRE	BP025567.D	25 Aug 2025 16:25		CG/JU	Ok
9	Q2933-02	25-SEPTIC	BP025568.D	25 Aug 2025 17:06		CG/JU	Ok
10	Q2909-02	4065	BP025569.D	25 Aug 2025 17:48	Internal Standard Fail	CG/JU	Ok,M
11	Q2909-02MS	4065MS	BP025570.D	25 Aug 2025 18:29	Internal Standard Fail	CG/JU	Ok,M
12	Q2909-02MSD	4065MSD	BP025571.D	25 Aug 2025 19:11	Internal standard fail	CG/JU	Ok,M
13	Q2932-01	ARS20-0009	BP025572.D	25 Aug 2025 19:52		CG/JU	Ok
14	Q2949-01	367	BP025573.D	25 Aug 2025 20:33		CG/JU	Ok
15	Q2941-01	SOIL-COMP(1-2)	BP025574.D	25 Aug 2025 21:14		CG/JU	Ok,M
16	Q2947-01	291	BP025575.D	25 Aug 2025 21:55		CG/JU	Ok,M
17	Q2932-03	ARS20-0002-SOIL	BP025576.D	25 Aug 2025 22:37	Out of tune time	CG/JU	Not Ok
18	Q2947-03	235	BP025577.D	25 Aug 2025 23:18	Out of tune time	CG/JU	Not Ok

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP082525

Review By	Rahul	Review On	8/26/2025 10:26:59 AM		
Supervise By	Jagrut	Supervise On	8/26/2025 12:54:30 PM		
SubDirectory	BP082525	HP Acquire Method	BNA_P	HP Processing Method	bp081425

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13173,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

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 # BP082625

Review By	Rahul	Review On	8/27/2025 9:27:24 AM		
Supervise By	Jagrut	Supervise On	8/27/2025 11:38:38 AM		
SubDirectory	BP082625	HP Acquire Method	BNA_P	HP Processing Method	bp081425

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13173,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP025578.D	26 Aug 2025 08:59		CG/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP025579.D	26 Aug 2025 10:21		CG/JU	Ok
3	PB169325TB	PB169325TB	BP025580.D	26 Aug 2025 11:02		CG/JU	Ok
4	PB169362BS	PB169362BS	BP025581.D	26 Aug 2025 11:44		CG/JU	Ok
5	Q2941-02	SOIL-COMP(1-2)	BP025582.D	26 Aug 2025 12:29		CG/JU	Ok
6	Q2924-05DL	MW-2B-082025DL	BP025583.D	26 Aug 2025 13:10	Need 2X further Dilution	CG/JU	Dilution
7	Q2932-03	ARS20-0002-SOIL	BP025584.D	26 Aug 2025 13:51	Internal Standard Fail	CG/JU	Ok,M
8	Q2926-01	TR-04-08212025	BP025585.D	26 Aug 2025 14:33		CG/JU	Ok
9	Q2924-05DL2	MW-2B-082025DL2	BP025586.D	26 Aug 2025 15:14		CG/JU	Ok
10	Q2940-01	COMP(1-6)	BP025587.D	26 Aug 2025 15:55		CG/JU	Ok
11	Q2924-08	MW-16A-082025	BP025588.D	26 Aug 2025 16:37		CG/JU	Ok
12	Q2924-09	MW-16C-082025	BP025589.D	26 Aug 2025 17:18		CG/JU	Ok
13	Q2924-06	MW-2A-082025	BP025590.D	26 Aug 2025 17:59		CG/JU	Ok
14	Q2936-02	MW-19B-082125	BP025591.D	26 Aug 2025 18:41	Need 20X Dilution, Then decide further dilution.	CG/JU	Dilution
15	Q2947-03	235	BP025592.D	26 Aug 2025 19:22		CG/JU	Ok,M
16	Q2892-02	1-FLOOR-NORTH-EAS	BP025593.D	26 Aug 2025 20:03		CG/JU	Ok
17	Q2928-01	27-BELL	BP025594.D	26 Aug 2025 20:44		CG/JU	Ok,M

M : Manual Integration

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Fax : 908 789 8922

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP082725

Review By	Rahul	Review On	8/28/2025 8:32:26 AM		
Supervise By	Jagrut	Supervise On	8/28/2025 1:40:30 PM		
SubDirectory	BP082725	HP Acquire Method	BNA_P	HP Processing Method	bp081425

STD. NAME	STD REF.#
Tune/Reschk	SP6757
Initial Calibration Stds	SP6833,SP6834,SP6835,SP6836,SP6837,SP6838,SP6839,SP6840
CCC	SP6836
Internal Standard/PEM	S13173,10ul/1000ul sample
ICV/I.BLK	SP6770
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP025595.D	27 Aug 2025 08:58		CG/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP025596.D	27 Aug 2025 09:39		CG/JU	Ok
3	PB169370BL	PB169370BL	BP025597.D	27 Aug 2025 10:20		CG/JU	Ok
4	PB169370BS	PB169370BS	BP025598.D	27 Aug 2025 11:01		CG/JU	Ok
5	PB169382BL	PB169382BL	BP025599.D	27 Aug 2025 11:42		CG/JU	Ok
6	PB169382BS	PB169382BS	BP025600.D	27 Aug 2025 12:23		CG/JU	Ok
7	Q2924-02	MW-201-082025	BP025601.D	27 Aug 2025 13:37	Need 20X dilution then decide further dilution	CG/JU	Dilution
8	Q2924-03MS	MW-201-082025MS	BP025602.D	27 Aug 2025 14:18		CG/JU	Ok,M
9	Q2924-04MSD	MW-201-082025MSD	BP025603.D	27 Aug 2025 15:00		CG/JU	Ok,M
10	Q2936-02DL	MW-19B-082125DL	BP025604.D	27 Aug 2025 15:41	Need further 5X dilution	CG/JU	Dilution
11	Q2936-02DL2	MW-19B-082125DL2	BP025605.D	27 Aug 2025 16:22		CG/JU	Ok
12	Q2921-01	MW1	BP025606.D	27 Aug 2025 17:03		CG/JU	Ok
13	Q2924-02DL	MW-201-082025DL	BP025607.D	27 Aug 2025 17:44	Need further 10X dilution	CG/JU	Dilution
14	Q2924-02DL2	MW-201-082025DL2	BP025608.D	27 Aug 2025 18:26		CG/JU	Ok

M : Manual Integration

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB169362

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

Clean Up SOP #: N/A

Matrix : Water

Weigh By: N/A

Balance check: N/A

Balance ID: N/A

pH Strip Lot#: E3953

Extraction By: RS

Filter By: RJ

pH Meter ID: N/A

Hood ID: 4,5,6,7

Extraction Start Date : 08/22/2025

Extraction Start Time : 10:34

Extraction End Date : 08/22/2025

Extraction End Time : 15:45

Concentration By: EH

Supervisor By : RUPESH

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

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	50/100 PPM	SP6849
Surrogate	1.0ML	100/150 PPM	SP6852
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	E3964
Baked Na2SO4	N/A	EP2632
H2SO4 1:1	N/A	EP2610
10N NaoH	N/A	EP2609
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

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

KD Bath ID: WATER BATH-1,2

KD Bath Temperature: 60 °C

Envap ID: NE VAP-02

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
8/22/25	RS (Ext-Lab)	RC/SVOC
15:50	Preparation Group	Analysis Group

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB169362

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

Concentration Date: 08/22/2025

Sample ID	Client Sample ID	Test	g /mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB169362BL	SBLK362	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1			SEP-1
PB169362BS	SLCS362	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1			2
Q2921-01	MW1	SVOCMS Group1	950	6	RUPESH	ritesh	1	C		3
Q2924-01	MW-10C-082025	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1	C		4
Q2924-02	MW-201-082025	SVOC-TCL BNA -20	950	6	RUPESH	ritesh	1	C		5
Q2924-03	Q2924-02MS	SVOC-TCL BNA -20	970	6	RUPESH	ritesh	1	C		6
Q2924-04	Q2924-02MSD	SVOC-TCL BNA -20	950	6	RUPESH	ritesh	1	C		7
Q2924-05	MW-2B-082025	SVOC-TCL BNA -20	960	6	RUPESH	ritesh	1	C		8
Q2924-06	MW-2A-082025	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1	C		9
Q2924-07	MW-18C-082025	SVOC-TCL BNA -20	990	6	RUPESH	ritesh	1	C		10
Q2924-08	MW-16A-082025	SVOC-TCL BNA -20	910	6	RUPESH	ritesh	1	C		11
Q2924-09	MW-16C-082025	SVOC-TCL BNA -20	940	6	RUPESH	ritesh	1	C		12
Q2924-10	MW-8A-082025	SVOC-TCL BNA -20	930	6	RUPESH	ritesh	1	C		13
Q2924-11	FB-01-082025	SVOC-TCL BNA -20	960	6	RUPESH	ritesh	1	C		14
Q2934-01	ENV-SW01	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1	F		15
Q2934-02	ENV-SW02	SVOC-TCL BNA -20	990	6	RUPESH	ritesh	1	F		16
Q2934-03	ENV-SW03	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1	F		SEP-1
Q2934-04	ENV-SW04	SVOC-TCL BNA -20	1000	6	RUPESH	ritesh	1	F		2
Q2936-01	MW-19A-082125	SVOC-TCL BNA -20	850	6	RUPESH	ritesh	1	C		3
Q2936-02	MW-19B-082125	SVOC-TCL BNA -20	900	6	RUPESH	ritesh	1	C		4
Q2936-03	MW-19C-082125	SVOC-TCL BNA -20	940	6	RUPESH	ritesh	1	C		5
Q2936-04	FB-02-082125	SVOC-TCL BNA -20	950	6	RUPESH	ritesh	1	C		6

RS 8/22

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

169362
10:34

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2924 **WorkList ID :** 191429 **Department :** Extraction **Date :** 08-22-2025 10:22:28

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2921-01	MW1	Water	SVOCMS Group1	Cool 4 deg C	GENV01	D11	08/20/2025	8270E
Q2924-01	MW-10C-082025	Water	SVOC-TCL BNA -20	Cool 4 deg C	AECO02	J23	08/20/2025	8270E
Q2924-02	MW-201-082025	Water	SVOC-TCL BNA -20	Cool 4 deg C	AECO02	J23	08/20/2025	8270E
Q2924-03	Q2924-02MS	Water	SVOC-TCL BNA -20	Cool 4 deg C	AECO02	J23	08/20/2025	8270E
Q2924-04	Q2924-02MSD	Water	SVOC-TCL BNA -20	Cool 4 deg C	AECO02	J23	08/20/2025	8270E
Q2924-05	MW-2B-082025	Water	SVOC-TCL BNA -20	Cool 4 deg C	AECO02	J23	08/20/2025	8270E
Q2924-06	MW-2A-082025	Water	SVOC-TCL BNA -20	Cool 4 deg C	AECO02	J23	08/20/2025	8270E
Q2924-07	MW-18C-082025	Water	SVOC-TCL BNA -20	Cool 4 deg C	AECO02	J23	08/20/2025	8270E
Q2924-08	MW-16A-082025	Water	SVOC-TCL BNA -20	Cool 4 deg C	AECO02	J23	08/20/2025	8270E
Q2924-09	MW-16C-082025	Water	SVOC-TCL BNA -20	Cool 4 deg C	AECO02	J23	08/20/2025	8270E
Q2924-10	MW-8A-082025	Water	SVOC-TCL BNA -20	Cool 4 deg C	AECO02	J23	08/20/2025	8270E
Q2924-11	FB-01-082025	Water	SVOC-TCL BNA -20	Cool 4 deg C	AECO02	J23	08/20/2025	8270E
Q2934-01	ENV-SW01	Water	SVOC-TCL BNA -20	Cool 4 deg C	PORT06	D41	08/21/2025	8270E
Q2934-02	ENV-SW02	Water	SVOC-TCL BNA -20	Cool 4 deg C	PORT06	D41	08/21/2025	8270E
Q2934-03	ENV-SW03	Water	SVOC-TCL BNA -20	Cool 4 deg C	PORT06	D41	08/21/2025	8270E
Q2934-04	ENV-SW04	Water	SVOC-TCL BNA -20	Cool 4 deg C	PORT06	D41	08/21/2025	8270E
Q2936-01	MW-19A-082125	Water	SVOC-TCL BNA -20	Cool 4 deg C	AECO02	D31	08/21/2025	8270E
Q2936-02	MW-19B-082125	Water	SVOC-TCL BNA -20	Cool 4 deg C	AECO02	D31	08/21/2025	8270E
Q2936-03	MW-19C-082125	Water	SVOC-TCL BNA -20	Cool 4 deg C	AECO02	D31	08/21/2025	8270E
Q2936-04	FB-02-082125	Water	SVOC-TCL BNA -20	Cool 4 deg C	AECO02	D31	08/21/2025	8270E

Date/Time 8/22/25 10:30
Raw Sample Received by: RS (EXT (acb)
Raw Sample Relinquished by:

Date/Time 8/22/25 11:15
Raw Sample Received by:
Raw Sample Relinquished by: RS (EXT-(acb)

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 · Fax (908) 789-8922
www.chemtech.net

ALLIANCE PROJECT NO.
QUOTE NO. Q2921
COC Number 2047513

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: GECP INC
ADDRESS: 8 CARRIAGE
CITY Succasunna STATE NJ ZIP 07876
ATTENTION:
PHONE: FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: 120 Retro
PROJECT NO.: LOCATION: NJ
PROJECT MANAGER: GL
e-mail:
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: GECP INC PO#:
ADDRESS: 8 CARRIAGE Lane
CITY Succasunna NJ STATE: NJ ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): STANDARD DAYS*
EDD: _____ DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

- ☐ Level 1 (Results Only)
- ☐ Level 2 (Results + QC)
- ☐ Level 3 (Results + QC + Raw Data)
- ☐ Level 4 (QC + Full Raw Data)
- ☒ NJ Reduced
- ☐ US EPA CLP
- ☐ NYS ASP A
- ☐ NYS ASP B
- ☐ Other Excel, pdf
- ☒ EDD FORMAT NJDEP

ANALYSIS

1: TCL VOC + 15
3: TCL BN + 15 (No Low Level BNs)

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
								HCl		ICE							← Specify Preservatives
1.	MW1	GW		X	8/20/25	1345	4	X		X							A-HCl D-NaOH B-HN03 E-ICE C-H2SO4 F-OTHER
2.																	
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	8/20/25 1500	1.
2.		2.
3.		3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 1.9 °C
Comments: FR. Cont 1

Page _____ of

CLIENT: ☐ Hand Delivered ☐ Other

Shipment Complete ☐ YES ☐ NO

WHITE - ALLIANCE COPY FOR RETURN TO CLIENT YELLOW - ALLIANCE COPY PINK - SAMPLER COPY

284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2921 GENV01
Client Name : G Environmental
Client Contact : Gary Landis
Invoice Name : G Environmental
Invoice Contact : Gary Landis

Order Date : 8/20/2025 3:10:18 PM
Project Name : 120 Petro
Receive DateTime : 8/20/2025 3:09:00 PM
Purchase Order :

Project Mgr :
Report Type : NJ Reduced
EDD Type : HAZ/EXCEL
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q2921-01	MW1	Water	08/20/2025	13:45					
					VOCMS Group1		8260-Low		10 Bus. Days

Relinguished By : CP
Date / Time : 8/20/25 15:25

Received By : [signature]
Date / Time : 08/20/25 15:25

Storage Area : VOA Refridgerator Room