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Cover Page

Order ID : Q3098

Project ID : PVSC Monthly 2025

Client : Ardmore Chemical

Lab Sample Number	Client Sample Number
Q3098-01	EFF-WW
Q3098-02	Q3098-01MS
Q3098-03	Q3098-01MSD
Q3098-04	EFF-WW
Q3098-05	Q3098-04MS
Q3098-06	Q3098-04MSD

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: 9/22/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

284 Sheffield Street, Mountainside NJ 07092 Tel. 908-789-8900 Fax: 908-789-8922

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 #: **Q3098**

	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: **MAHESH PATEL** **Date:** **09/22/2025**

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LAB CHRONICLE

OrderID:	Q3098	**OrderDate:**	9/12/2025 3:10:00 PM
Client:	Ardmore Chemical	**Project:**	PVSC Monthly 2025
Contact:	Michael Sharphouse	**Location:**	D31,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3098-04	**EFF-WW**	**Water**			**09/12/25**			**09/12/25**
			SVOCMS Group1	625.1		09/17/25	09/19/25	

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Hit Summary Sheet
SW-846

SDG No.: Q3098

Client: Ardmore Chemical

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : EFF-WW								
Q3098-04	EFF-WW	WATER	Phenol	2.200	J	0.93	5.1	ug/L
Q3098-04	EFF-WW	WATER	2-Chlorophenol	2.600	J	0.59	5.1	ug/L
			Total Svoc :	**4.80**				
			Total Concentration:	**4.80**				

QC SUMMARY

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Surrogate Summary

SW-846

SDG No.: Q3098

Client: Ardmore Chemical

Analytical Method: 625.1

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB169718BL	PB169718BL	2-Fluorophenol	100	90.8	91		60	140
		Phenol-d6	100	83.2	83		60	140
		Nitrobenzene-d5	100	79.5	80		60	140
		2-Fluorobiphenyl	100	82.6	83		60	140
		2,4,6-Tribromophenol	100	76.7	77		60	140
		Terphenyl-d14	100	81.8	82		60	140
PB169718BS	PB169718BS	2-Fluorophenol	100	90.2	90		60	140
		Phenol-d6	100	85.9	86		60	140
		Nitrobenzene-d5	100	78.1	78		60	140
		2-Fluorobiphenyl	100	78.1	78		60	140
		2,4,6-Tribromophenol	100	82.1	82		60	140
		Terphenyl-d14	100	83.4	83		60	140
Q3098-04	EFF-WW	2-Fluorophenol	100	45.8	46	*	60	140
		Phenol-d6	100	28.0	28	*	60	140
		Nitrobenzene-d5	100	123	123		60	140
		2-Fluorobiphenyl	100	88.2	88		60	140
		2,4,6-Tribromophenol	100	88.5	89		60	140
		Terphenyl-d14	100	86.9	87		60	140
Q3098-05MS	EFF-WWMS	2-Fluorophenol	100	46.1	46	*	60	140
		Phenol-d6	100	29.3	29	*	60	140
		Nitrobenzene-d5	100	117	117		60	140
		2-Fluorobiphenyl	100	87.6	88		60	140
		2,4,6-Tribromophenol	100	86.8	87		60	140
		Terphenyl-d14	100	88.4	88		60	140
Q3098-06MSD	EFF-WWMSD	2-Fluorophenol	100	46.8	47	*	60	140
		Phenol-d6	100	29.2	29	*	60	140
		Nitrobenzene-d5	100	115	115		60	140
		2-Fluorobiphenyl	100	90.5	90		60	140
		2,4,6-Tribromophenol	100	88.1	88		60	140
		Terphenyl-d14	100	93.1	93		60	140

Alliance TECHNICAL GROUP
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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3098 **Analytical Method:** SW625.1

Client: Ardmore Chemical **DataFile:** BP025802.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q3098-05MS		**Client Sample ID: EFF-WWMS**									
n-Nitrosodimethylamine	51	0	22.4	ug/L	44				10	160	
Phenol	51	2.20	18.3	ug/L	32				5	120	
bis(2-Chloroethyl)ether	51	0	49.8	ug/L	98				12	158	
2-Chlorophenol	51	2.60	43.7	ug/L	81				23	134	
2,2-oxybis(1-Chloropropane)	51	0	48.5	ug/L	95				36	166	
N-Nitroso-di-n-propylamine	51	0	48.9	ug/L	96				1	230	
Hexachloroethane	51	0	44.4	ug/L	87				40	120	
Nitrobenzene	51	0	66.0	ug/L	129				35	180	
Isophorone	51	0	63.4	ug/L	124				21	196	
2-Nitrophenol	51	0	64.7	ug/L	127				29	182	
2,4-Dimethylphenol	51	0	58.6	ug/L	115				32	120	
bis(2-Chloroethoxy)methane	51	0	65.4	ug/L	128				33	184	
2,4-Dichlorophenol	51	0	58.3	ug/L	114				39	135	
1,2,4-Trichlorobenzene	51	0	55.3	ug/L	108				44	142	
Naphthalene	51	0	48.2	ug/L	95				21	133	
Hexachlorobutadiene	51	0	49.5	ug/L	97				24	120	
4-Chloro-3-methylphenol	51	0	53.7	ug/L	105				22	147	
Hexachlorocyclopentadiene	100	0	65.8	ug/L	66				10	218	
2,4,6-Trichlorophenol	51	0	51.0	ug/L	100				37	144	
2-Chloronaphthalene	51	0	51.1	ug/L	100				60	120	
Dimethylphthalate	51	0	48.9	ug/L	96				1	120	
Acenaphthylene	51	0	50.6	ug/L	99				33	145	
2,6-Dinitrotoluene	51	0	51.4	ug/L	101				50	158	
Acenaphthene	51	0	49.0	ug/L	96				47	145	
2,4-Dinitrophenol	100	0	89.4	ug/L	89				1	191	
4-Nitrophenol	100	0	31.1	ug/L	31				1	132	
2,4-Dinitrotoluene	51	0	49.0	ug/L	96				39	139	
Diethylphthalate	51	0	48.8	ug/L	96				1	120	
4-Chlorophenyl-phenylether	51	0	49.6	ug/L	97				25	158	
Fluorene	51	0	50.6	ug/L	99				59	121	
4,6-Dinitro-2-methylphenol	51	0	46.9	ug/L	92				1	181	
N-Nitrosodiphenylamine	51	0	39.1	ug/L	77				59	137	
Azobenzene	51	0	49.1	ug/L	96				70	124	
4-Bromophenyl-phenylether	51	0	51.3	ug/L	101				53	127	
Hexachlorobenzene	51	0	51.2	ug/L	100				1	152	
Pentachlorophenol	100	0	100	ug/L	100				14	176	
Phenanthrene	51	0	51.4	ug/L	101				54	120	
Anthracene	51	0	51.7	ug/L	101				27	133	
Di-n-butylphthalate	51	0	53.1	ug/L	104				1	120	
Fluoranthene	51	0	49.3	ug/L	97				26	137	
Benzidine	100	0	0	ug/L	0	*			10	159	
Pyrene	51	0	51.7	ug/L	101				52	120	
Butylbenzylphthalate	51	0	51.2	ug/L	100				1	152	
3,3-Dichlorobenzidine	51	0	0	ug/L	0	*			1	262	
Benzo(a)anthracene	51	0	52.6	ug/L	103				33	143	
Chrysene	51	0	51.5	ug/L	101				17	168	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3098 **Analytical Method:** SW625.1

Client: Ardmore Chemical **DataFile:** BP025802.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
bis(2-Ethylhexyl)phthalate	51	0	38.3	ug/L	75				8	158	
Di-n-octyl phthalate	51	0	57.0	ug/L	112				4	146	
Benzo(b)fluoranthene	51	0	53.9	ug/L	106				24	159	
Benzo(k)fluoranthene	51	0	52.2	ug/L	102				11	162	
Benzo(a)pyrene	51	0	51.6	ug/L	101				17	163	
Indeno(1,2,3-cd)pyrene	51	0	53.6	ug/L	105				1	171	
Dibenz(a,h)anthracene	51	0	53.9	ug/L	106				1	227	
Benzo(g,h,i)perylene	51	0	53.5	ug/L	105				1	219	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3098 **Analytical Method:** SW625.1

Client: Ardmore Chemical **DataFile:** BP025803.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: Q3098-06MSD		**Client Sample ID: EFF-WWMSD**									
n-Nitrosodimethylamine	51	0	22.1	ug/L	43		2		10	160	20
Phenol	51	2.20	18.0	ug/L	31		3		5	120	20
bis(2-Chloroethyl)ether	51	0	49.8	ug/L	98		0		12	158	20
2-Chlorophenol	51	2.60	43.1	ug/L	79		3		23	134	20
2,2-oxybis(1-Chloropropane)	51	0	47.6	ug/L	93		2		36	166	20
N-Nitroso-di-n-propylamine	51	0	47.9	ug/L	94		2		1	230	20
Hexachloroethane	51	0	44.9	ug/L	88		1		40	120	20
Nitrobenzene	51	0	65.6	ug/L	129		0		35	180	20
Isophorone	51	0	62.2	ug/L	122		2		21	196	20
2-Nitrophenol	51	0	63.9	ug/L	125		2		29	182	20
2,4-Dimethylphenol	51	0	58.2	ug/L	114		1		32	120	20
bis(2-Chloroethoxy)methane	51	0	64.5	ug/L	126		2		33	184	20
2,4-Dichlorophenol	51	0	58.1	ug/L	114		0		39	135	20
1,2,4-Trichlorobenzene	51	0	55.3	ug/L	108		0		44	142	20
Naphthalene	51	0	49.5	ug/L	97		2		21	133	20
Hexachlorobutadiene	51	0	51.0	ug/L	100		3		24	120	20
4-Chloro-3-methylphenol	51	0	52.7	ug/L	103		2		22	147	20
Hexachlorocyclopentadiene	100	0	54.5	ug/L	55		18		10	218	20
2,4,6-Trichlorophenol	51	0	51.9	ug/L	102		2		37	144	20
2-Chloronaphthalene	51	0	52.8	ug/L	104		4		60	120	20
Dimethylphthalate	51	0	49.5	ug/L	97		1		1	120	20
Acenaphthylene	51	0	50.7	ug/L	99		0		33	145	20
2,6-Dinitrotoluene	51	0	51.4	ug/L	101		0		50	158	20
Acenaphthene	51	0	50.5	ug/L	99		3		47	145	20
2,4-Dinitrophenol	100	0	89.1	ug/L	89		0		1	191	20
4-Nitrophenol	100	0	0	ug/L	0	*	200	*	1	132	20
2,4-Dinitrotoluene	51	0	49.3	ug/L	97		1		39	139	20
Diethylphthalate	51	0	49.6	ug/L	97		1		1	120	20
4-Chlorophenyl-phenylether	51	0	49.4	ug/L	97		0		25	158	20
Fluorene	51	0	49.9	ug/L	98		1		59	121	20
4,6-Dinitro-2-methylphenol	51	0	45.5	ug/L	89		3		1	181	20
N-Nitrosodiphenylamine	51	0	43.7	ug/L	86		11		59	137	20
Azobenzene	51	0	49.1	ug/L	96		0		70	124	20
4-Bromophenyl-phenylether	51	0	53.3	ug/L	105		4		53	127	20
Hexachlorobenzene	51	0	52.0	ug/L	102		2		1	152	20
Pentachlorophenol	100	0	100	ug/L	100		0		14	176	20
Phenanthrene	51	0	51.9	ug/L	102		1		54	120	20
Anthracene	51	0	51.9	ug/L	102		1		27	133	20
Di-n-butylphthalate	51	0	54.7	ug/L	107		3		1	120	20
Fluoranthene	51	0	50.4	ug/L	99		2		26	137	20
Benzidine	100	0	0	ug/L	0	*	0		10	159	20
Pyrene	51	0	53.3	ug/L	105		4		52	120	20
Butylbenzylphthalate	51	0	52.3	ug/L	103		3		1	152	20
3,3-Dichlorobenzidine	51	0	0	ug/L	0	*	0		1	262	20
Benzo(a)anthracene	51	0	52.6	ug/L	103		0		33	143	20
Chrysene	51	0	51.4	ug/L	101		0		17	168	20

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3098 **Analytical Method:** SW625.1

Client: Ardmore Chemical **DataFile:** BP025803.D

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
bis(2-Ethylhexyl)phthalate	51	0	32.8	ug/L	64		16		8	158	20
Di-n-octyl phthalate	51	0	56.5	ug/L	111		1		4	146	20
Benzo(b)fluoranthene	51	0	52.7	ug/L	103		3		24	159	20
Benzo(k)fluoranthene	51	0	52.7	ug/L	103		1		11	162	20
Benzo(a)pyrene	51	0	51.2	ug/L	100		1		17	163	20
Indeno(1,2,3-cd)pyrene	51	0	53.5	ug/L	105		0		1	171	20
Dibenz(a,h)anthracene	51	0	54.3	ug/L	106		0		1	227	20
Benzo(g,h,i)perylene	51	0	53.9	ug/L	106		1		1	219	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3098 **Analytical Method:** 625.1

Client: Ardmore Chemical **DataFile:** BP025787.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB169718BS	n-Nitrosodimethylamine	50	41.9	ug/L	84				52	110	
	Phenol	50	43.7	ug/L	87				48	130	
	bis(2-Chloroethyl)ether	50	42.6	ug/L	85				52	130	
	2-Chlorophenol	50	44.2	ug/L	88				55	130	
	2,2-oxybis(1-Chloropropane)	50	43.0	ug/L	86				63	139	
	N-Nitroso-di-n-propylamine	50	40.3	ug/L	81				59	170	
	Hexachloroethane	50	42.9	ug/L	86				55	130	
	Nitrobenzene	50	43.9	ug/L	88				54	158	
	Isophorone	50	41.3	ug/L	83				52	180	
	2-Nitrophenol	50	44.6	ug/L	89				61	163	
	2,4-Dimethylphenol	50	44.2	ug/L	88				58	130	
	bis(2-Chloroethoxy)methane	50	43.4	ug/L	87				52	164	
	2,4-Dichlorophenol	50	45.7	ug/L	91				64	130	
	1,2,4-Trichlorobenzene	50	43.0	ug/L	86				44	142	
	Naphthalene	50	42.6	ug/L	85				70	130	
	Hexachlorobutadiene	50	43.2	ug/L	86				68	130	
	4-Chloro-3-methylphenol	50	43.1	ug/L	86				68	130	
	Hexachlorocyclopentadiene	100	93.1	ug/L	93				21	137	
	2,4,6-Trichlorophenol	50	45.6	ug/L	91				69	130	
	2-Chloronaphthalene	50	43.1	ug/L	86				70	130	
	Dimethylphthalate	50	43.2	ug/L	86				50	130	
	Acenaphthylene	50	44.4	ug/L	89				60	130	
	2,6-Dinitrotoluene	50	44.7	ug/L	89				68	137	
	Acenaphthene	50	42.2	ug/L	84				70	130	
	2,4-Dinitrophenol	100	79.5	ug/L	80				39	173	
	4-Nitrophenol	100	77.3	ug/L	77				35	130	
	2,4-Dinitrotoluene	50	45.2	ug/L	90				53	130	
	Diethylphthalate	50	44.0	ug/L	88				47	130	
	4-Chlorophenyl-phenylether	50	42.1	ug/L	84				57	145	
	Fluorene	50	42.5	ug/L	85				70	130	
	4,6-Dinitro-2-methylphenol	50	44.9	ug/L	90				56	130	
	N-Nitrosodiphenylamine	50	45.0	ug/L	90				63	100	
	Azobenzene	50	44.7	ug/L	89				58	105	
	4-Bromophenyl-phenylether	50	43.3	ug/L	87				70	130	
	Hexachlorobenzene	50	43.7	ug/L	87				38	142	
	Pentachlorophenol	100	88.5	ug/L	89				42	152	
	Phenanthrene	50	43.7	ug/L	87				67	130	
	Anthracene	50	44.3	ug/L	89				58	130	
	Di-n-butylphthalate	50	46.9	ug/L	94				52	130	
	Fluoranthene	50	43.6	ug/L	87				47	130	
	Benzidine	100	50.1	ug/L	50				10	133	
	Pyrene	50	46.6	ug/L	93				70	130	
	Butylbenzylphthalate	50	49.6	ug/L	99				43	140	
	3,3-Dichlorobenzidine	50	31.4	ug/L	63				18	213	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3098 **Analytical Method:** 625.1

Client: Ardmore Chemical **DataFile:** BP025787.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB169718BS	Benzo(a)anthracene	50	44.7	ug/L	89				42	133	
	Chrysene	50	43.9	ug/L	88				44	140	
	bis(2-Ethylhexyl)phthalate	50	48.1	ug/L	96				43	137	
	Di-n-octyl phthalate	50	46.4	ug/L	93				21	132	
	Benzo(b)fluoranthene	50	45.9	ug/L	92				42	140	
	Benzo(k)fluoranthene	50	47.3	ug/L	95				25	146	
	Benzo(a)pyrene	50	45.5	ug/L	91				32	148	
	Indeno(1,2,3-cd)pyrene	50	46.6	ug/L	93				13	151	
	Dibenz(a,h)anthracene	50	46.9	ug/L	94				13	200	
	Benzo(g,h,i)perylene	50	47.8	ug/L	96				13	195	

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

Client ID: PB169718BL

Lab Name: Alliance | Contract: ARDM01

Lab Code: ACE | SDG NO.: Q3098

Lab File ID: BP025788.D | Lab Sample ID: PB169718BL

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

Matrix: (soil/water) Water | Date Analyzed: 09/18/2025

Level: (low/med) LOW | Time Analyzed: 19:28

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB169718BS	PB169718BS	BP025787.D	09/18/2025
EFF-WW	Q3098-04	BP025801.D	09/19/2025
EFF-WWMS	Q3098-05MS	BP025802.D	09/19/2025
EFF-WWMSD	Q3098-06MSD	BP025803.D	09/19/2025

COMMENTS:

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance — Contract: ARDM01

Lab Code: ACE — SDG NO.: Q3098

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

Instrument ID: BNA_P — DFTPP Injection Time: 08:09

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

1-Value is % mass 69

2-Value is % mass 442

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

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

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance — Contract: ARDM01

Lab Code: ACE — SDG NO.: Q3098

Lab File ID: BP025784.D — DFTPP Injection Date: 09/18/2025

Instrument ID: BNA_P — DFTPP Injection Time: 16:01

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
68	Less than 2.0% of mass 69	0.6 (1.7) 1
69	Mass 69 relative abundance	37
70	Less than 2.0% of mass 69	0.2 (0.5) 1
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
365	Greater than 1% of mass 198	3.4
441	Present, but less than mass 443	10.6
442	Greater than 50% of mass 198	68.4
443	15.0 - 24.0% of mass 442	13.3 (19.5) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BP025785.D	09/18/2025	17:24
PB169718BS	PB169718BS	BP025787.D	09/18/2025	18:46
PB169718BL	PB169718BL	BP025788.D	09/18/2025	19:28

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: Alliance — Contract: ARDM01

Lab Code: ACE — SDG NO.: Q3098

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

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

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

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BP025792.D	09/19/2025	10:12
EFF-WW	Q3098-04	BP025801.D	09/19/2025	16:28
EFF-WWMS	Q3098-05MS	BP025802.D	09/19/2025	17:09
EFF-WWMSD	Q3098-06MSD	BP025803.D	09/19/2025	17:51

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: Alliance

Lab Code: ACE SDG NO.: Q3098

Client ID : Date Analyzed:

Lab File ID: Time Analyzed:

Instrument ID: GC Column: ID: (mm)

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD						
UPPER LIMIT						
LOWER LIMIT						
EPA SAMPLE NO.						

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.: Q3098

Client ID: Date Analyzed:

Lab File ID: Time Analyzed:

Instrument ID: GC Column: ID: (mm)

	IS4 AREA #	RT #	IS5 AREA #	RT #	IS6 AREA #	RT #
12 HOUR STD						
UPPER LIMIT						
LOWER LIMIT						
EPA SAMPLE NO.						

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.: Q3098

Client ID : SSTDCCC040 Date Analyzed: 09/18/2025

Lab File ID: BP025785.D Time Analyzed: 17:24

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	161596	7.755	642758	10.52	424090	14.38
	UPPER LIMIT	323192	8.255	1285520	11.019	848180	14.878
	LOWER LIMIT	80798	7.255	321379	10.019	212045	13.878
	EPA SAMPLE NO.						
01	PB169718BL	153939	7.75	582617	10.52	356809	14.38
02	PB169718BS	175687	7.75	683598	10.52	444972	14.38

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.: Q3098

Client ID: SSTDCCC040 Date Analyzed: 09/18/2025

Lab File ID: BP025785.D Time Analyzed: 17:24

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	848599	17.184	860847	21.624	947272	24.983
	UPPER LIMIT	1697200	17.684	1721690	22.124	1894540	25.483
	LOWER LIMIT	424300	16.684	430424	21.124	473636	24.483
	EPA SAMPLE NO.						
01	PB169718BL	727748	17.19	788823	21.64	800132	25.00
02	PB169718BS	903856	17.18	880385	21.63	889184	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.: Q3098

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

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

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	182285	7.749	709982	10.51	456027	14.37
	UPPER LIMIT	364570	8.249	1419960	11.013	912054	14.866
	LOWER LIMIT	91142.5	7.249	354991	10.013	228014	13.866
	EPA SAMPLE NO.						
01	EFF-WW	178989	7.75	525343	10.52	428315	14.37
02	EFF-WWMS	174041	7.75	537202	10.52	439134	14.38
03	EFF-WWMSD	184711	7.75	565127	10.52	444962	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.: Q3098

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

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

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	907902	17.172	942075	21.619	1041360	24.971
	UPPER LIMIT	1815800	17.672	1884150	22.119	2082720	25.471
	LOWER LIMIT	453951	16.672	471038	21.119	520680	24.471
	EPA SAMPLE NO.						
01	EFF-WW	821856	17.17	847968	21.66	937917	24.99
02	EFF-WWMS	850250	17.18	848399	21.66	967662	24.98
03	EFF-WWMSD	865073	17.18	857648	21.66	965873	24.98

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

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

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

SAMPLE DATA

Raw Data: **BP025801.D**

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Report of Analysis

Client:	Ardmore Chemical	Date Collected:	09/12/25
Project:	PVSC Monthly 2025	Date Received:	09/12/25
Client Sample ID:	EFF-WW	SDG No.:	Q3098
Lab Sample ID:	Q3098-04	Matrix:	Water
Analytical Method:	625.1	% Solid:	0
Sample Wt/Vol:	980 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 :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025801.D	1	09/17/25 08:35	09/19/25 16:28	PB169718

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
62-75-9	n-Nitrosodimethylamine	0.88	U	0.88	10.2	ug/L
108-95-2	Phenol	2.20	J	0.93	5.10	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.83	U	0.83	5.10	ug/L
95-57-8	2-Chlorophenol	2.60	J	0.59	5.10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1.30	5.10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.40	U	1.40	5.10	ug/L
67-72-1	Hexachloroethane	0.66	U	0.66	5.10	ug/L
98-95-3	Nitrobenzene	0.78	U	0.78	5.10	ug/L
78-59-1	Isophorone	0.77	U	0.77	5.10	ug/L
88-75-5	2-Nitrophenol	1.80	U	1.80	5.10	ug/L
105-67-9	2,4-Dimethylphenol	1.90	U	1.90	5.10	ug/L
111-91-1	bis(2-Chloroethoxy)methane	0.69	U	0.69	5.10	ug/L
120-83-2	2,4-Dichlorophenol	0.53	U	0.53	5.10	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.55	U	0.55	5.10	ug/L
91-20-3	Naphthalene	0.51	U	0.51	5.10	ug/L
87-68-3	Hexachlorobutadiene	0.55	U	0.55	5.10	ug/L
59-50-7	4-Chloro-3-methylphenol	0.60	U	0.60	5.10	ug/L
77-47-4	Hexachlorocyclopentadiene	3.70	U	3.70	10.2	ug/L
88-06-2	2,4,6-Trichlorophenol	0.52	U	0.52	5.10	ug/L
91-58-7	2-Chloronaphthalene	0.62	U	0.62	5.10	ug/L
131-11-3	Dimethylphthalate	0.62	U	0.62	5.10	ug/L
208-96-8	Acenaphthylene	0.77	U	0.77	5.10	ug/L
606-20-2	2,6-Dinitrotoluene	0.94	U	0.94	5.10	ug/L
83-32-9	Acenaphthene	0.56	U	0.56	5.10	ug/L
51-28-5	2,4-Dinitrophenol	6.10	U	6.10	10.2	ug/L
100-02-7	4-Nitrophenol	2.40	U	2.40	10.2	ug/L
121-14-2	2,4-Dinitrotoluene	1.20	U	1.20	5.10	ug/L
84-66-2	Diethylphthalate	0.70	U	0.70	5.10	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.69	U	0.69	5.10	ug/L

Raw Data: **BP025801.D**

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Report of Analysis

Client:	Ardmore Chemical	Date Collected:	09/12/25
Project:	PVSC Monthly 2025	Date Received:	09/12/25
Client Sample ID:	EFF-WW	SDG No.:	Q3098
Lab Sample ID:	Q3098-04	Matrix:	Water
Analytical Method:	625.1	% Solid:	0
Sample Wt/Vol:	980 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 :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025801.D	1	09/17/25 08:35	09/19/25 16:28	PB169718

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
86-73-7	Fluorene	0.64	U	0.64	5.10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.90	U	2.90	10.2	ug/L
86-30-6	n-Nitrosodiphenylamine	0.59	U	0.59	5.10	ug/L
103-33-3	Azobenzene	0.83	U	0.83	5.10	ug/L
101-55-3	4-Bromophenyl-phenylether	0.41	U	0.41	5.10	ug/L
118-74-1	Hexachlorobenzene	0.53	U	0.53	5.10	ug/L
87-86-5	Pentachlorophenol	1.60	U	1.60	10.2	ug/L
85-01-8	Phenanthrene	0.51	U	0.51	5.10	ug/L
120-12-7	Anthracene	0.62	U	0.62	5.10	ug/L
84-74-2	Di-n-butylphthalate	1.20	U	1.20	5.10	ug/L
206-44-0	Fluoranthene	0.84	U	0.84	5.10	ug/L
92-87-5	Benzidine	4.40	U	4.40	10.2	ug/L
129-00-0	Pyrene	0.51	U	0.51	5.10	ug/L
85-68-7	Butylbenzylphthalate	2.00	U	2.00	5.10	ug/L
91-94-1	3,3-Dichlorobenzidine	0.95	U	0.95	10.2	ug/L
56-55-3	Benzo(a)anthracene	0.46	U	0.46	5.10	ug/L
218-01-9	Chrysene	0.45	U	0.45	5.10	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.60	U	1.60	5.10	ug/L
117-84-0	Di-n-octyl phthalate	2.40	U	2.40	10.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.50	U	0.50	5.10	ug/L
207-08-9	Benzo(k)fluoranthene	0.49	U	0.49	5.10	ug/L
50-32-8	Benzo(a)pyrene	0.56	U	0.56	5.10	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.60	U	0.60	5.10	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.68	U	0.68	5.10	ug/L
191-24-2	Benzo(g,h,i)perylene	0.70	U	0.70	5.10	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	45.8	*	60 - 140	46%	SPK: 100
13127-88-3	Phenol-d6	28.0	*	60 - 140	28%	SPK: 100
4165-60-0	Nitrobenzene-d5	123		60 - 140	123%	SPK: 100
321-60-8	2-Fluorobiphenyl	88.2		60 - 140	88%	SPK: 100

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Report of Analysis

Client:	Ardmore Chemical			Date Collected:	09/12/25
Project:	PVSC Monthly 2025			Date Received:	09/12/25
Client Sample ID:	EFF-WW			SDG No.:	Q3098
Lab Sample ID:	Q3098-04			Matrix:	Water
Analytical Method:	625.1			% Solid:	0
Sample Wt/Vol:	980	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 :	3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025801.D	1	09/17/25 08:35	09/19/25 16:28	PB169718

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	88.5		60 - 140	89%	SPK: 100
1718-51-0	Terphenyl-d14	86.9		60 - 140	87%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	179000	7.749			
1146-65-2	Naphthalene-d8	525000	10.519			
15067-26-2	Acenaphthene-d10	428000	14.372			
1517-22-2	Phenanthrene-d10	822000	17.172			
1719-03-5	Chrysene-d12	848000	21.66			
1520-96-3	Perylene-d12	938000	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\BP091925\
Data File : BP025801.D
Acq On : 19 Sep 2025 16:28
Operator : CG/JU
Sample : Q3098-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EFF-WW

Quant Time: Sep 19 16:55:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

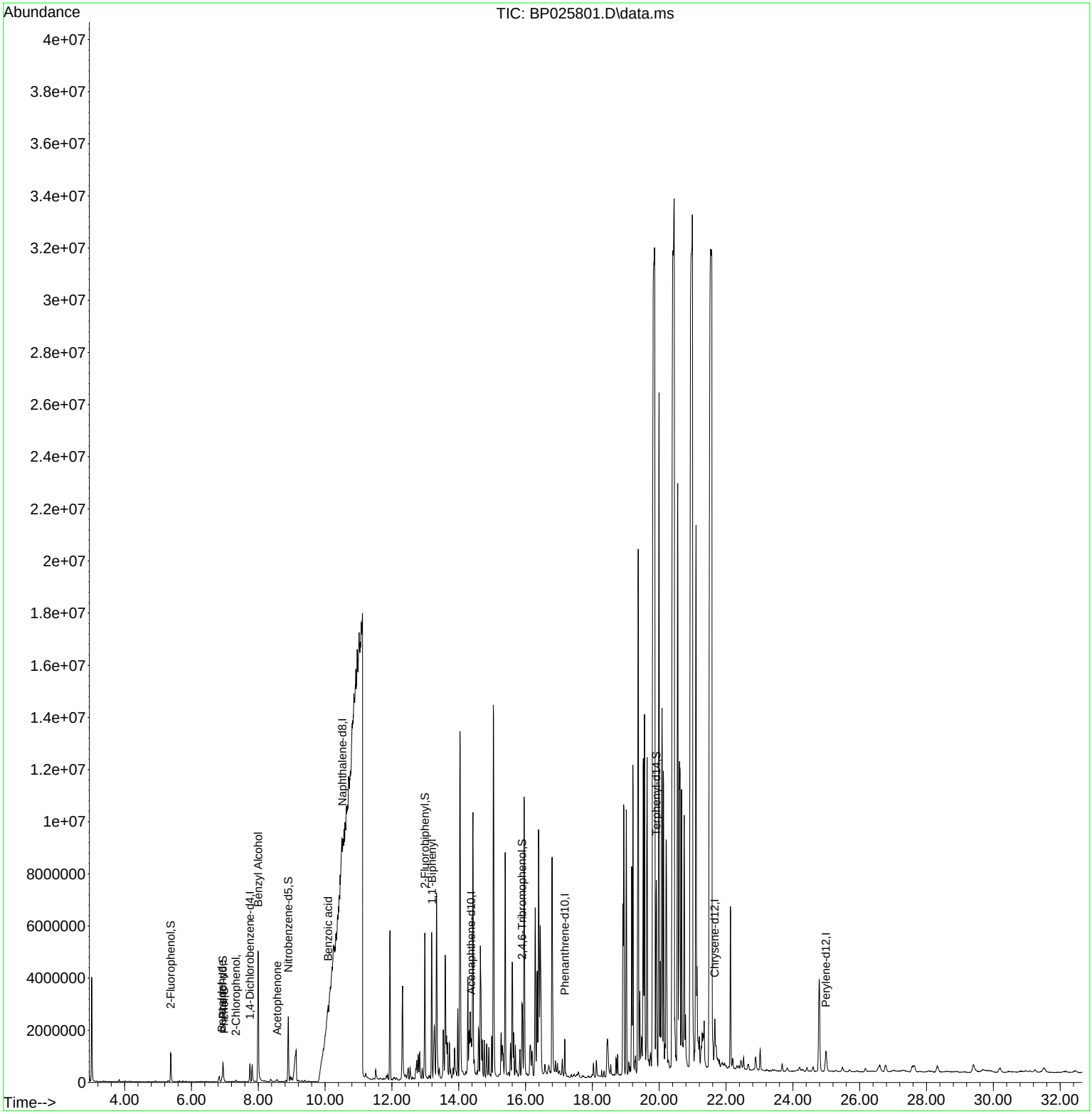
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.749	152	178989	20.000	ng		-0.01
21) Naphthalene-d8	10.519	136	525343	20.000	ng		0.00
39) Acenaphthene-d10	14.372	164	428315	20.000	ng		0.00
64) Phenanthrene-d10	17.172	188	821856	20.000	ng		-0.01
76) Chrysene-d12	21.660	240	847968	20.000	ng		0.02
86) Perylene-d12	24.989	264	937917	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.378	112	507983	45.794	ng		0.00
7) Phenol-d6	6.943	99	412208	27.957	ng		0.00
23) Nitrobenzene-d5	8.896	82	1459656	122.562	ng		0.00
42) 2,4,6-Tribromophenol	15.895	330	472927	88.524	ng		-0.01
45) 2-Fluorobiphenyl	12.984	172	2835892	88.160	ng		0.00
79) Terphenyl-d14	19.913	244	4098435	86.949	ng		0.00
Target Compounds							Qvalue
8) 2-Chlorophenol	7.331	128	31380	2.579	ng		97
9) Benzaldehyde	6.914	77	79282	8.971	ng		98
10) Phenol	6.972	94	33100	2.129	ng		93
15) Benzyl Alcohol	7.996	79	2048935	168.170	ng		99
22) Acetophenone	8.566	105	38643	2.753	ng	#	94
32) Benzoic acid	10.090	122	4537096	733.318	ng		99
46) 1,1'-Biphenyl	13.196	154	483957	15.394	ng		99

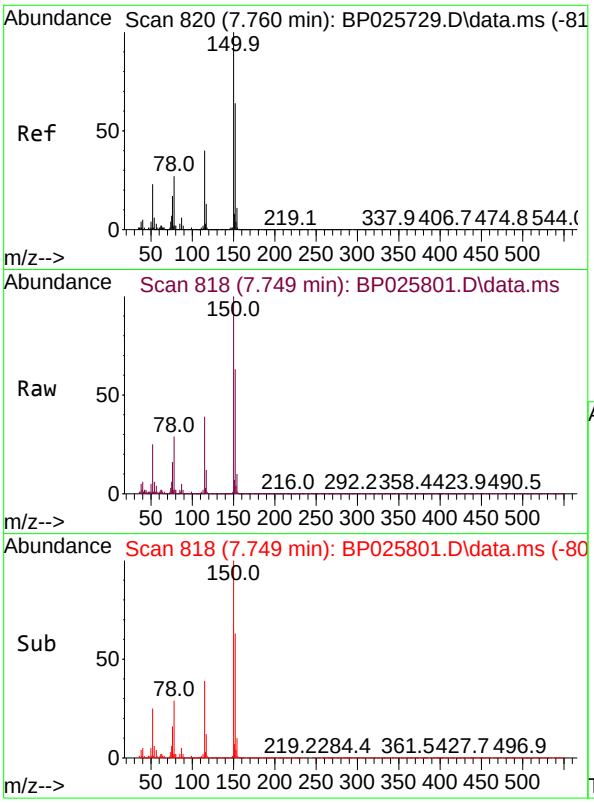
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
Data File : BP025801.D
Acq On : 19 Sep 2025 16:28
Operator : CG/JU
Sample : Q3098-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EFF-WW

Quant Time: Sep 19 16:55:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration



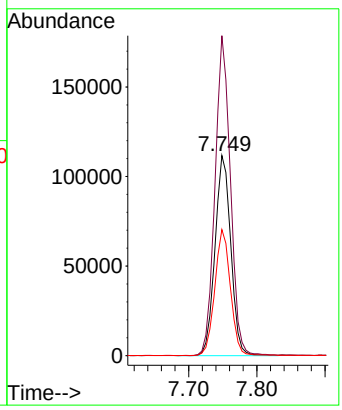


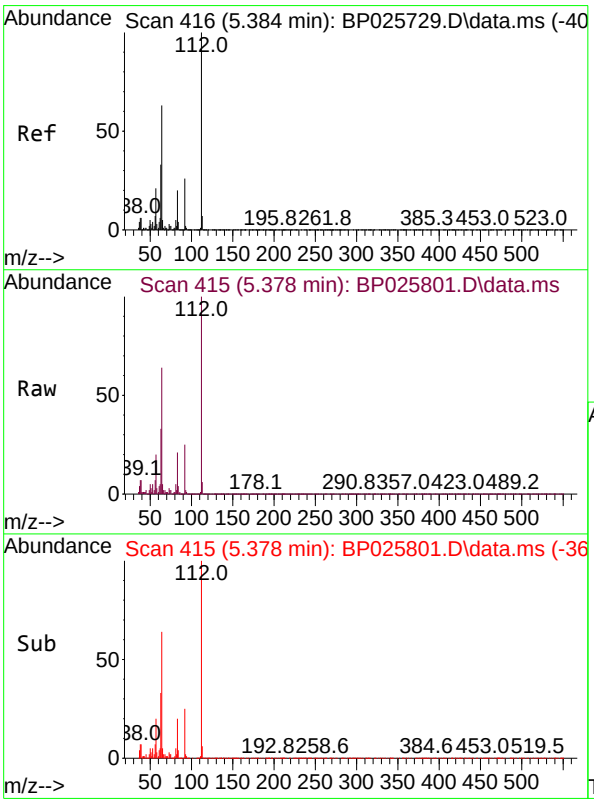
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.749 min Scan# 81
Delta R.T. -0.011 min
Lab File: BP025801.D
Acq: 19 Sep 2025 16:28

Instrument :
BNA_P
ClientSampleId :
EFF-WW

Tgt Ion:152 Resp: 178989

Ion	Ratio	Lower	Upper
152	100		
150	159.9	124.3	186.5
115	62.9	50.3	75.5

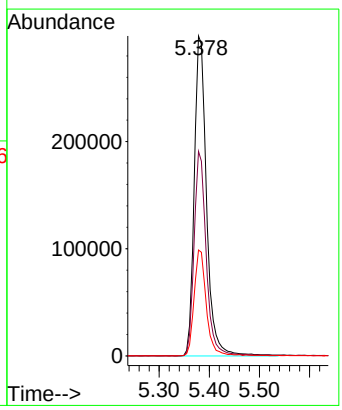


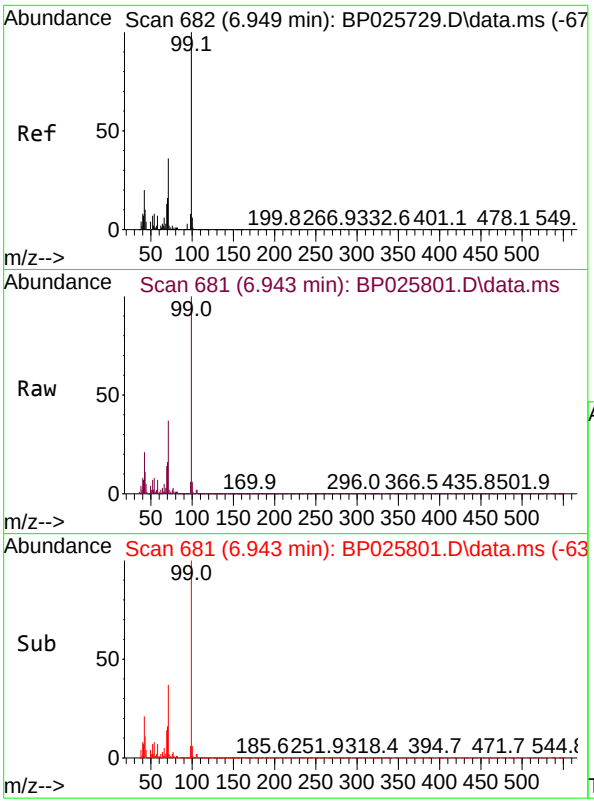


#5
2-Fluorophenol
Concen: 45.794 ng
RT: 5.378 min Scan# 415
Delta R.T. -0.006 min
Lab File: BP025801.D
Acq: 19 Sep 2025 16:28

Tgt Ion:112 Resp: 507983

Ion	Ratio	Lower	Upper
112	100		
64	63.9	50.2	75.4
63	33.1	26.7	40.1



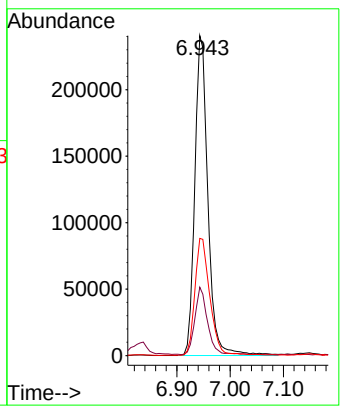


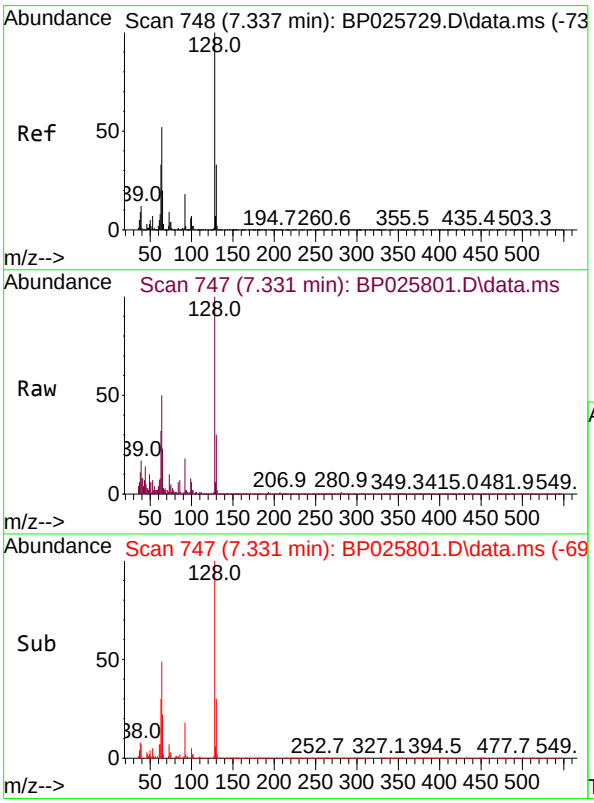
#7
Phenol-d6
Concen: 27.957 ng
RT: 6.943 min Scan# 68
Delta R.T. -0.006 min
Lab File: BP025801.D
Acq: 19 Sep 2025 16:28

Instrument :
BNA_P
ClientSampleId :
EFF-WW

Tgt Ion: 99 Resp: 412208

Ion	Ratio	Lower	Upper
99	100		
42	21.4	15.6	23.4
71	36.6	28.6	43.0

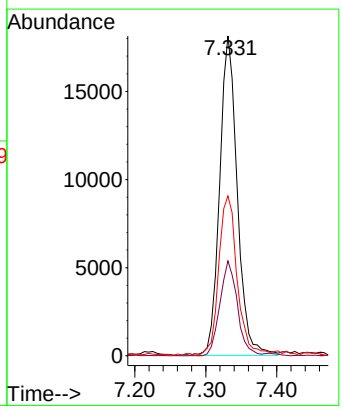


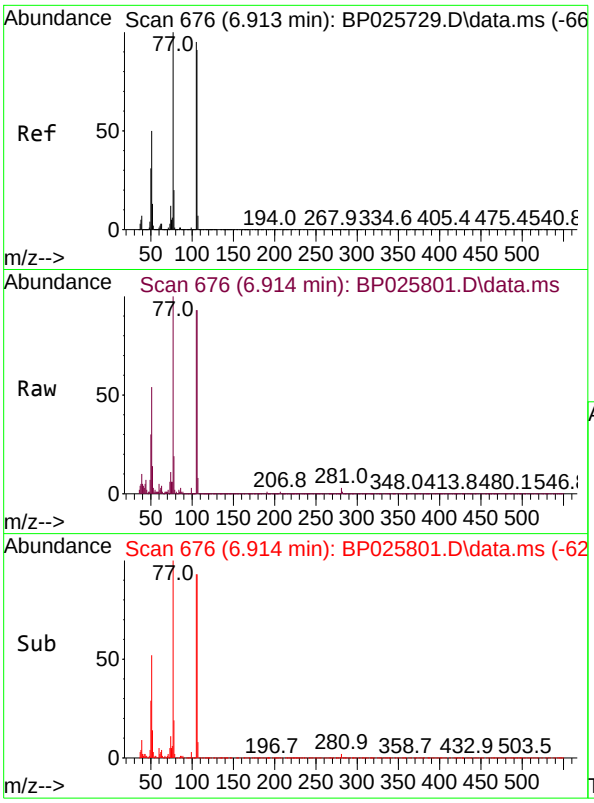


#8
2-Chlorophenol
Concen: 2.579 ng
RT: 7.331 min Scan# 747
Delta R.T. -0.006 min
Lab File: BP025801.D
Acq: 19 Sep 2025 16:28

Tgt Ion:128 Resp: 31380

Ion	Ratio	Lower	Upper
128	100		
130	29.7	12.6	52.6
64	50.0	31.6	71.6



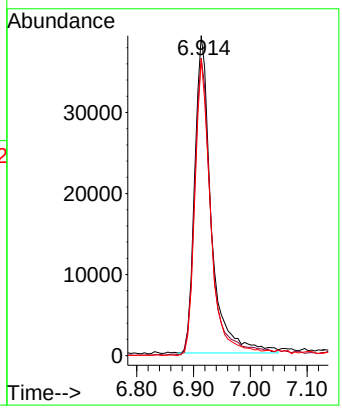


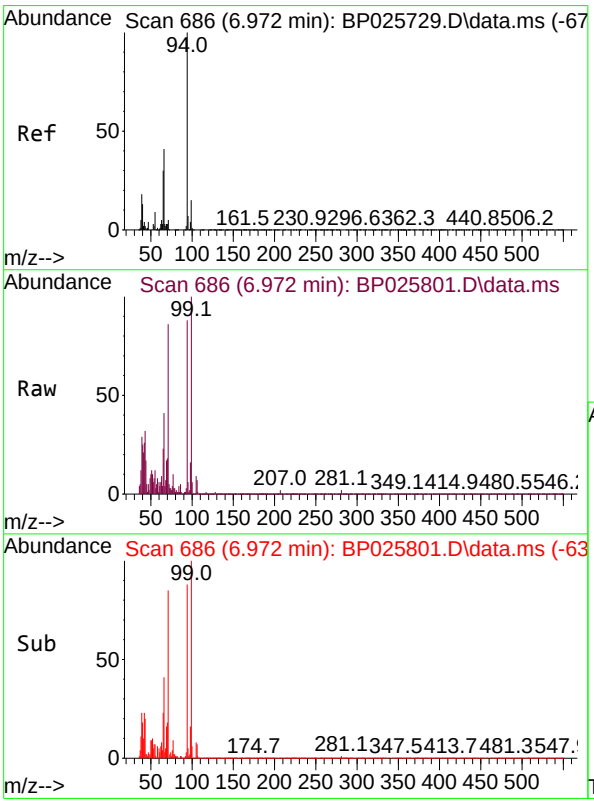
#9
Benzaldehyde
Concen: 8.971 ng
RT: 6.914 min Scan# 6
Delta R.T. 0.000 min
Lab File: BP025801.D
Acq: 19 Sep 2025 16:28

Instrument :
BNA_P
ClientSampleId :
EFF-WW

Tgt Ion: 77 Resp: 79282

Ion	Ratio	Lower	Upper
77	100		
105	93.0	75.2	115.2
106	92.7	71.3	111.3

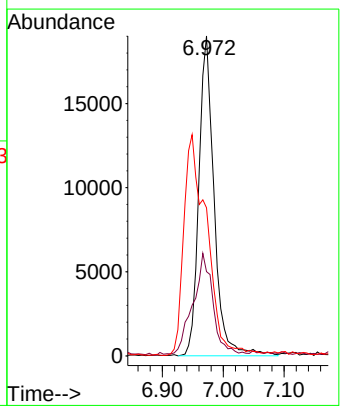


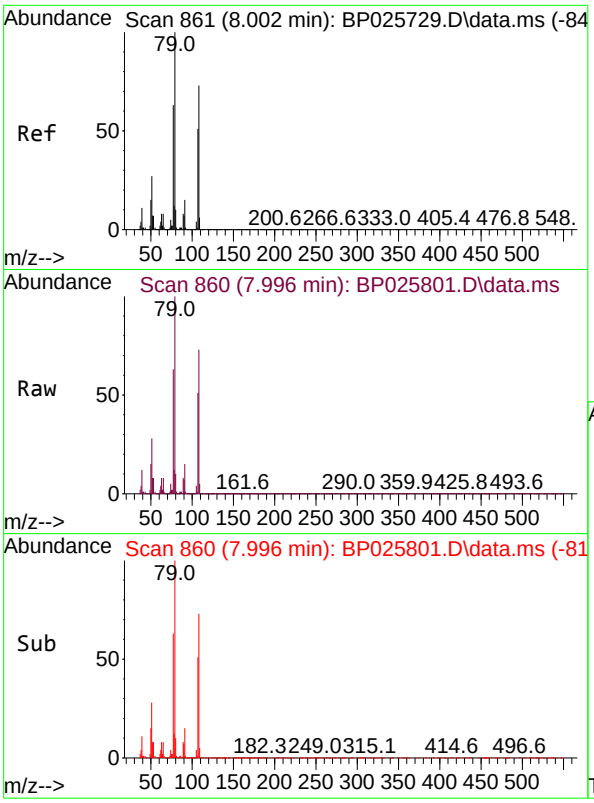


#10
Phenol
Concen: 2.129 ng
RT: 6.972 min Scan# 686
Delta R.T. 0.000 min
Lab File: BP025801.D
Acq: 19 Sep 2025 16:28

Tgt Ion: 94 Resp: 33100

Ion	Ratio	Lower	Upper
94	100		
65	26.3	10.2	50.2
66	46.3	21.4	61.4



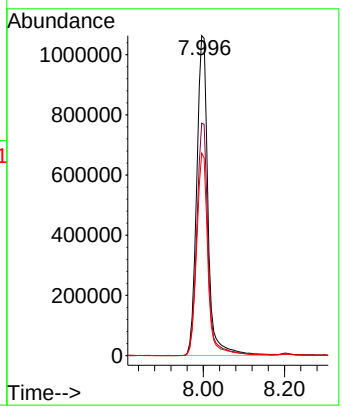


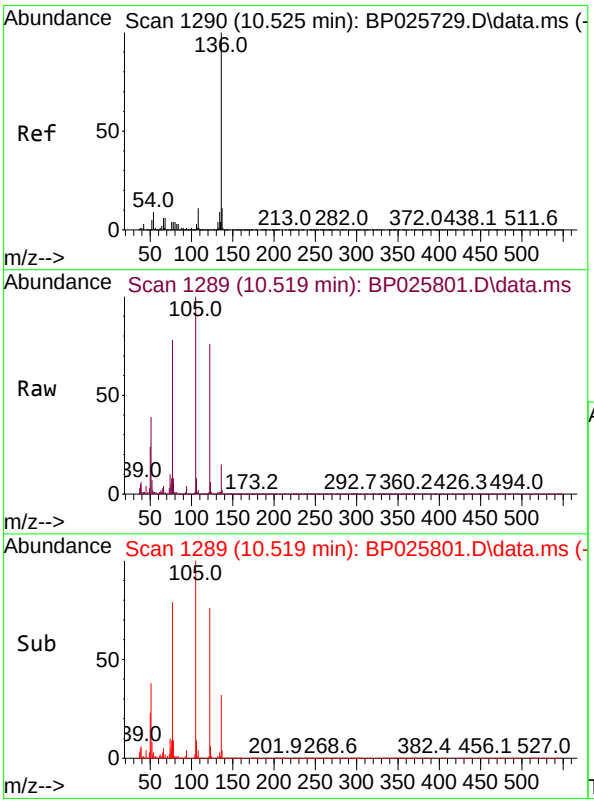
#15
Benzyl Alcohol
Concen: 168.170 ng
RT: 7.996 min Scan# 8
Delta R.T. -0.006 min
Lab File: BP025801.D
Acq: 19 Sep 2025 16:28

Instrument :
BNA_P
ClientSampleId :
EFF-WW

Tgt Ion: 79 Resp: 2048935

Ion	Ratio	Lower	Upper
79	100		
108	72.6	58.7	88.1
77	63.3	50.2	75.2

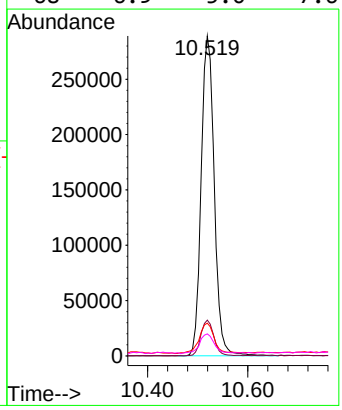


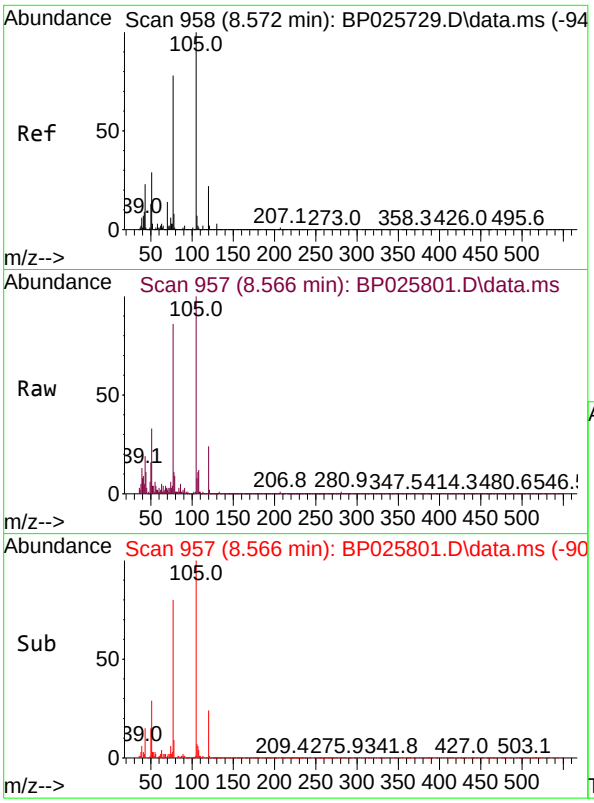


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.519 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BP025801.D
Acq: 19 Sep 2025 16:28

Tgt Ion:136 Resp: 525343

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	10.3	7.5	11.3
68	6.9	5.0	7.6



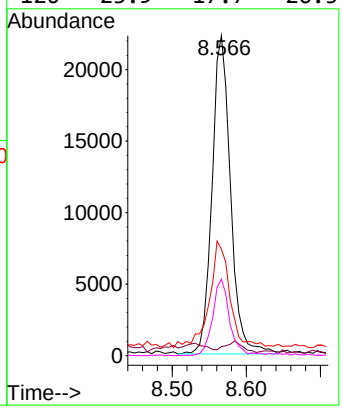


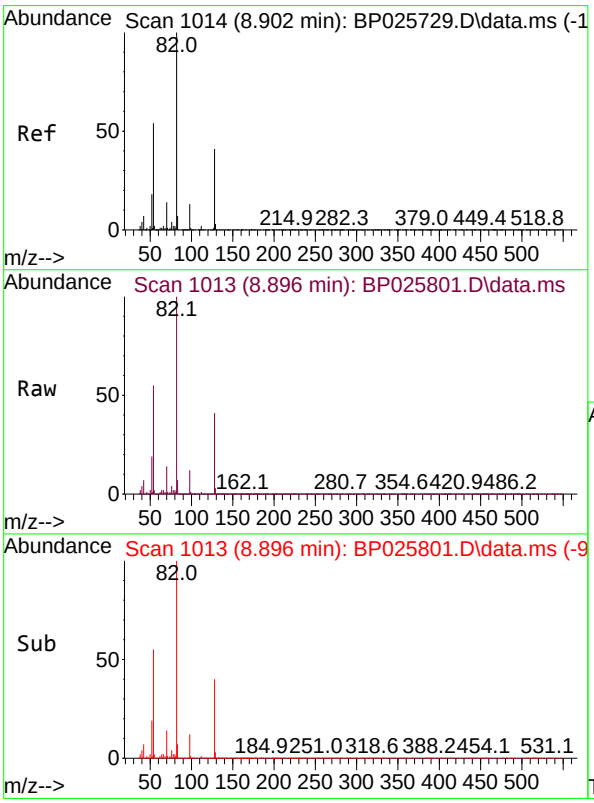
#22
Acetophenone
Concen: 2.753 ng
RT: 8.566 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP025801.D
Acq: 19 Sep 2025 16:28

Instrument :
BNA_P
ClientSampleId :
EFF-WW

Tgt Ion:105 Resp: 38643

Ion	Ratio	Lower	Upper
105	100		
71	2.8	1.8	2.8#
51	33.3	23.5	35.3
120	23.9	17.7	26.5

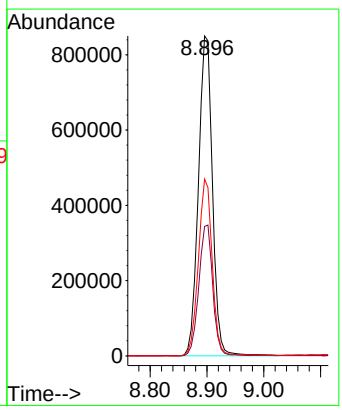


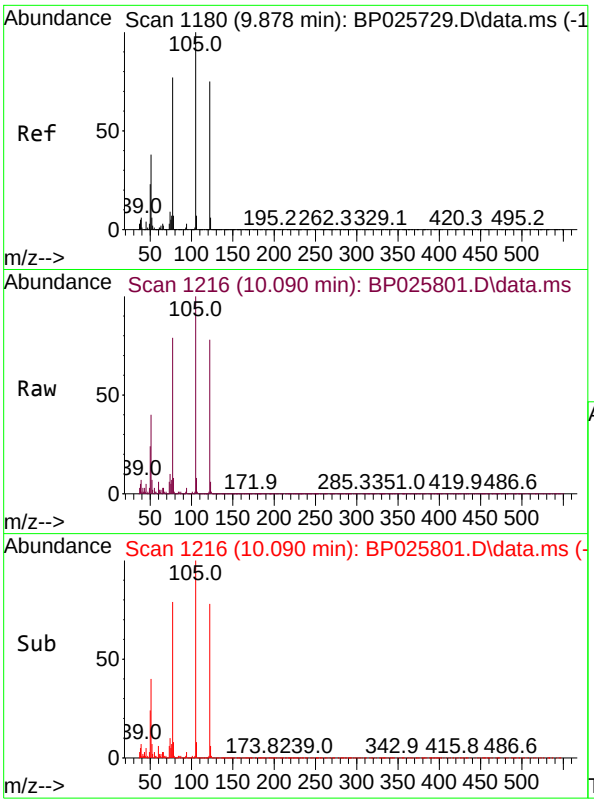


#23
Nitrobenzene-d5
Concen: 122.562 ng
RT: 8.896 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BP025801.D
Acq: 19 Sep 2025 16:28

Tgt Ion: 82 Resp: 1459656

Ion	Ratio	Lower	Upper
82	100		
128	40.5	32.9	49.3
54	55.3	43.4	65.2



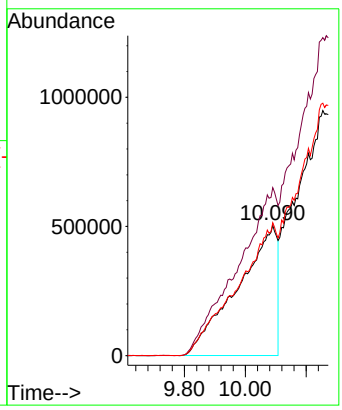


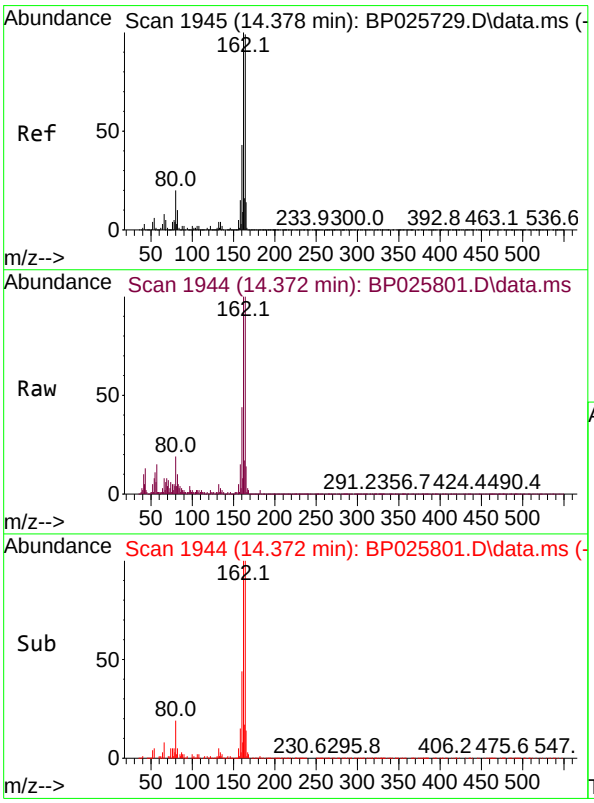
#32
Benzoic acid
Concen: 733.318 ng
RT: 10.090 min Scan# 11
Delta R.T. 0.212 min
Lab File: BP025801.D
Acq: 19 Sep 2025 16:28

Instrument :
BNA_P
ClientSampleId :
EFF-WW

Tgt Ion:122 Resp: 4537096

Ion	Ratio	Lower	Upper
122	100		
105	128.8	111.5	151.5
77	101.9	81.8	121.8

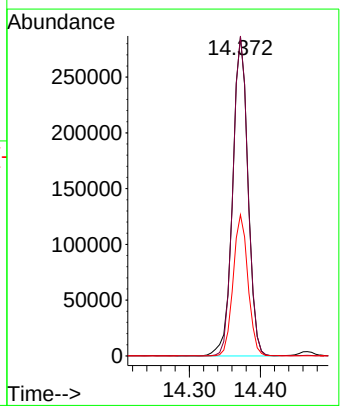


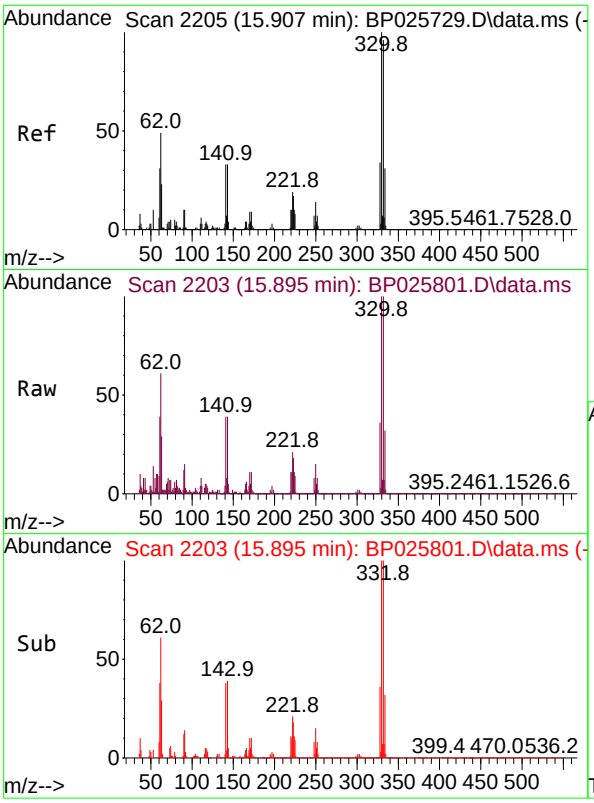


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.372 min Scan# 1944
Delta R.T. -0.006 min
Lab File: BP025801.D
Acq: 19 Sep 2025 16:28

Tgt Ion:164 Resp: 428315

Ion	Ratio	Lower	Upper
164	100		
162	100.3	80.6	120.8
160	44.2	35.0	52.6



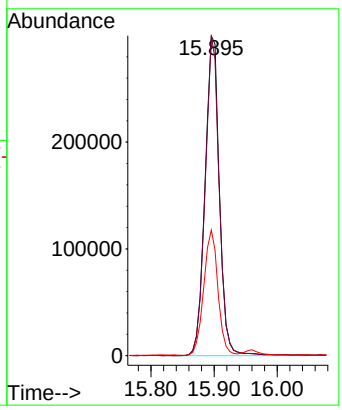


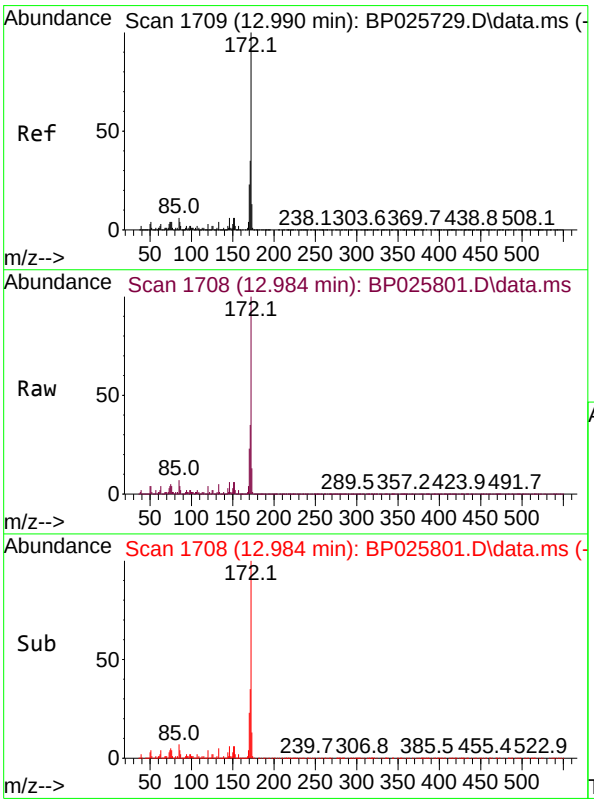
#42
2,4,6-Tribromophenol
Concen: 88.524 ng
RT: 15.895 min Scan# 2
Delta R.T. -0.012 min
Lab File: BP025801.D
Acq: 19 Sep 2025 16:28

Instrument :
BNA_P
ClientSampleId :
EFF-WW

Tgt Ion:330 Resp: 472927

Ion	Ratio	Lower	Upper
330	100		
332	97.8	76.9	115.3
141	38.7	31.0	46.4

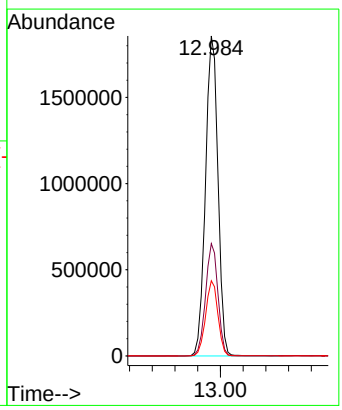


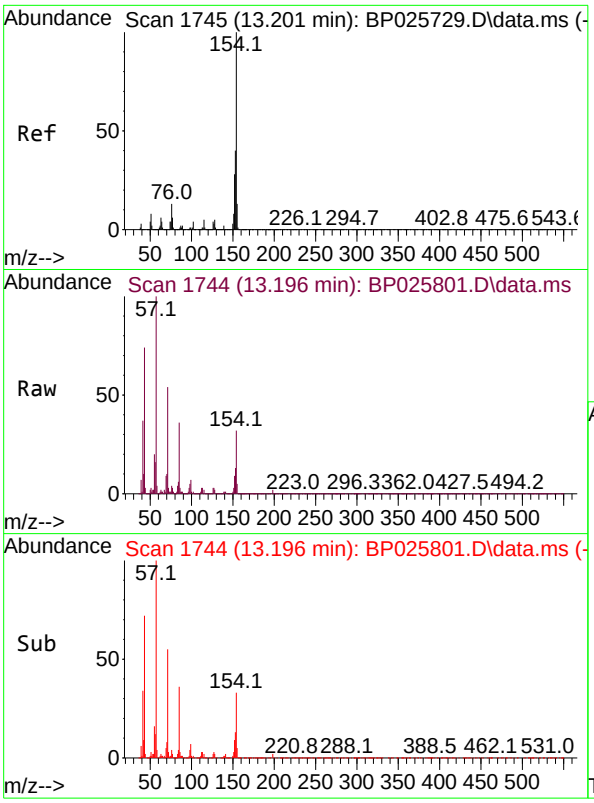


#45
2-Fluorobiphenyl
Concen: 88.160 ng
RT: 12.984 min Scan# 1708
Delta R.T. -0.006 min
Lab File: BP025801.D
Acq: 19 Sep 2025 16:28

Tgt Ion:172 Resp: 2835892

Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.8	41.6
170	23.5	18.6	27.8



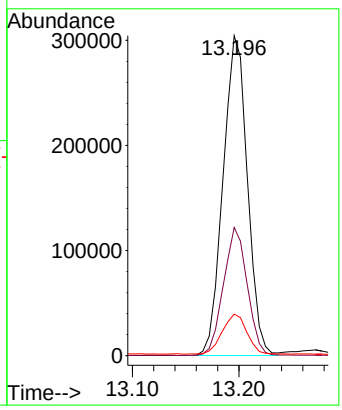


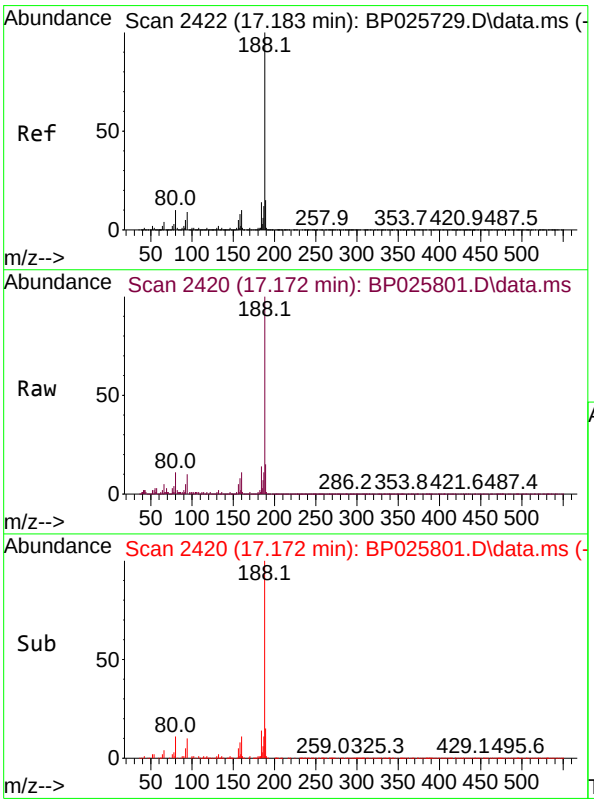
#46
1,1'-Biphenyl
Concen: 15.394 ng
RT: 13.196 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025801.D
Acq: 19 Sep 2025 16:28

Instrument :
BNA_P
ClientSampleId :
EFF-WW

Tgt Ion:154 Resp: 483957

Ion	Ratio	Lower	Upper
154	100		
153	40.0	19.7	59.7
76	13.0	0.0	33.3

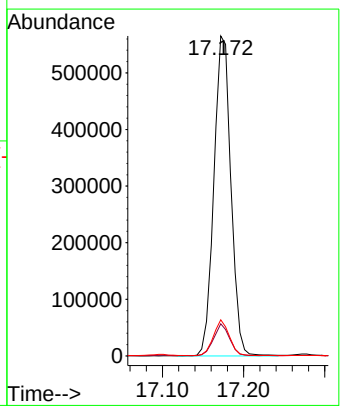


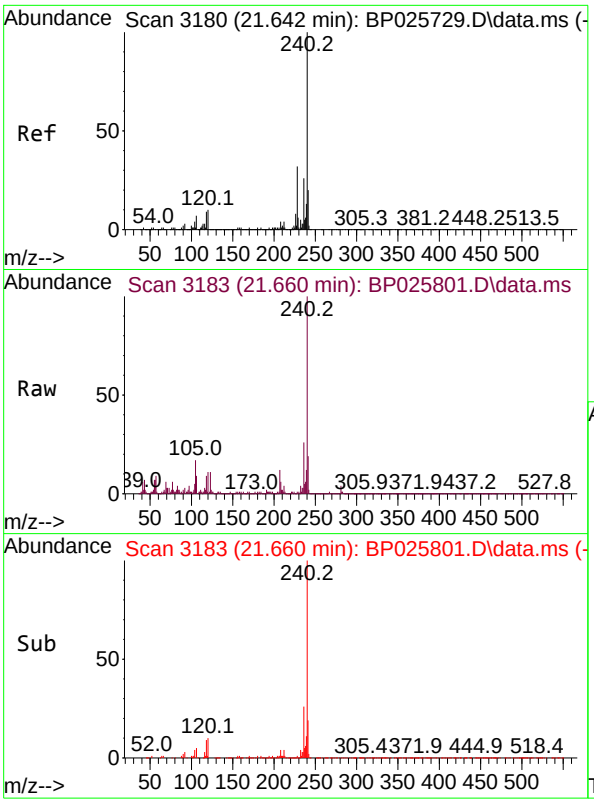


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.172 min Scan# 2420
Delta R.T. -0.012 min
Lab File: BP025801.D
Acq: 19 Sep 2025 16:28

Tgt Ion:188 Resp: 821856

Ion	Ratio	Lower	Upper
188	100		
94	10.0	7.4	11.0
80	11.3	7.7	11.5



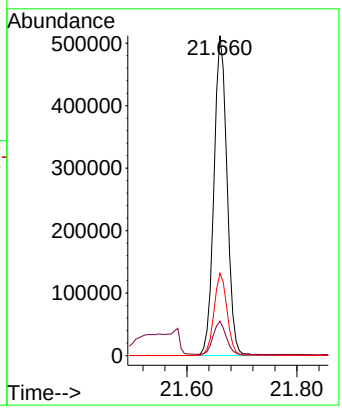


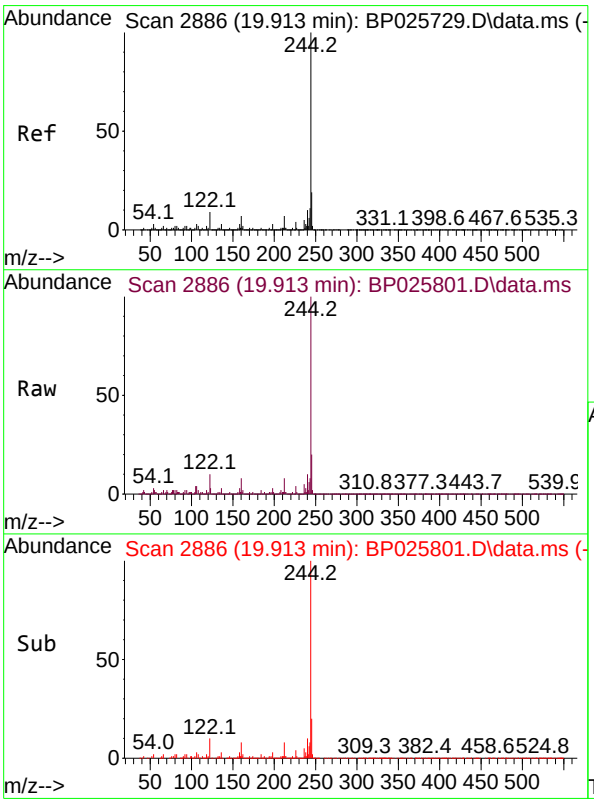
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.660 min Scan# 31
Delta R.T. 0.018 min
Lab File: BP025801.D
Acq: 19 Sep 2025 16:28

Instrument :
BNA_P
ClientSampleId :
EFF-WW

Tgt Ion:240 Resp: 847968

Ion	Ratio	Lower	Upper
240	100		
120	10.8	8.0	12.0
236	25.7	20.7	31.1

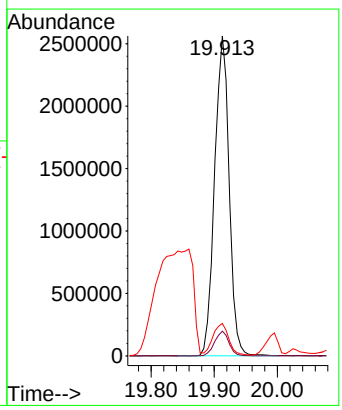


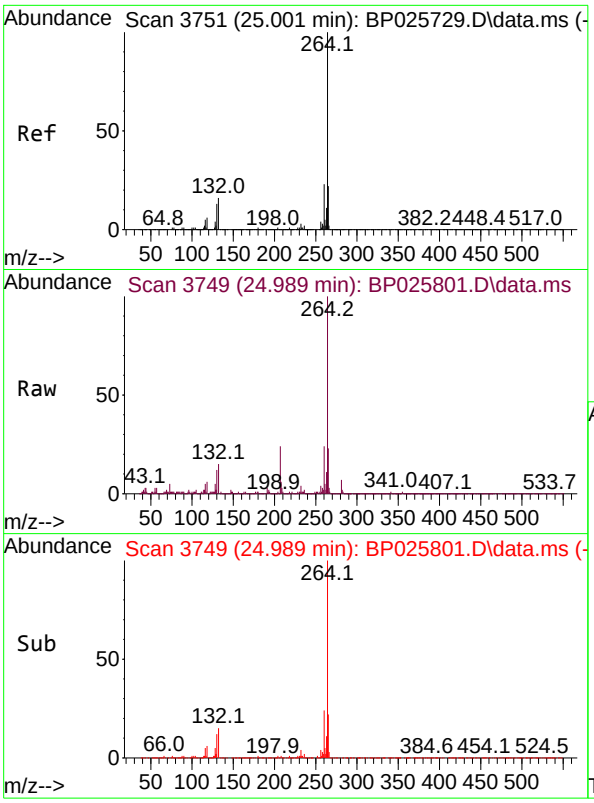


#79
Terphenyl-d14
Concen: 86.949 ng
RT: 19.913 min Scan# 2886
Delta R.T. 0.000 min
Lab File: BP025801.D
Acq: 19 Sep 2025 16:28

Tgt Ion:244 Resp: 4098435

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.9	8.9
122	10.1	7.1	10.7



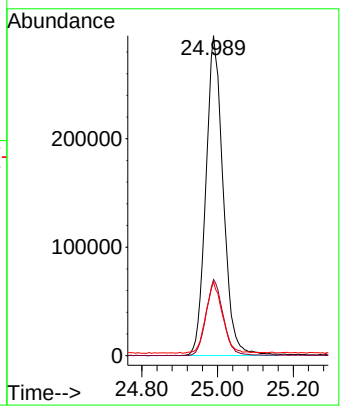


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.989 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP025801.D
Acq: 19 Sep 2025 16:28

Instrument :
BNA_P
ClientSampleId :
EFF-WW

Tgt Ion:264 Resp: 937917

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.3	27.5
265	23.0	17.3	25.9



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: ARDM01

Lab Code: ACE SDG No.: Q3098

Instrument ID: BNA_P Calibration Date(s): 09/11/2025 09/11/2025

Calibration Time(s): 08:56 15:20

LAB FILE ID: RRF2.5 = BP025725.D RRF005 = BP025726.D RRF010 = BP025727.D
RRF020 = BP025728.D RRF040 = BP025729.D RRF060 = BP025731.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF060	RRF	% RSD
n-Nitrosodimethylamine			0.639	0.715	0.721	0.652	0.676	5.3
2-Fluorophenol		1.139	1.123	1.320	1.362	1.238	1.240	7.2
Phenol-d6		1.391	1.460	1.793	1.861	1.658	1.648	10.3
Phenol		1.512	1.525	1.848	1.964	1.751	1.737	9.6
bis(2-Chloroethyl)ether		1.313	1.222	1.508	1.555	1.368	1.396	8.2
2-Chlorophenol		1.229	1.196	1.448	1.508	1.366	1.360	8.3
2,2-oxybis(1-Chloropropane)		2.241	2.133	2.476	2.493	2.164	2.283	6.5
n-Nitroso-di-n-propylamine	0.961	1.032	1.047	1.300	1.320	1.151	1.149	11.3
Nitrobenzene-d5		0.416	0.410	0.490	0.496	0.455	0.453	7.4
Hexachloroethane		0.603	0.557	0.633	0.647	0.588	0.602	5.2
Nitrobenzene		0.366	0.363	0.440	0.449	0.411	0.407	8.2
Isophorone		0.737	0.726	0.862	0.860	0.791	0.797	6.8
2-Nitrophenol		0.141	0.154	0.190	0.203	0.192	0.181	12.9
2,4-Dimethylphenol		0.263	0.286	0.345	0.356	0.320	0.317	10.2
bis(2-Chloroethoxy)methane		0.414	0.423	0.510	0.498	0.452	0.461	7.8
2,4-Dichlorophenol		0.267	0.270	0.339	0.349	0.327	0.316	10.7
1,2,4-Trichlorobenzene		0.355	0.335	0.377	0.378	0.346	0.356	4.6
Naphthalene		1.072	1.028	1.164	1.147	1.044	1.078	5.4
Hexachlorobutadiene		0.226	0.219	0.247	0.242	0.226	0.229	5.0
4-Chloro-3-methylphenol		0.328	0.338	0.406	0.414	0.377	0.377	8.7
Hexachlorocyclopentadiene			0.225	0.326	0.380	0.347	0.330	16.4
2,4,6-Trichlorophenol		0.340	0.354	0.435	0.445	0.409	0.398	9.9
2-Fluorobiphenyl		1.563	1.470	1.655	1.596	1.434	1.502	7.5
2-Chloronaphthalene		1.140	1.090	1.252	1.240	1.132	1.156	6.0
Dimethylphthalate		1.545	1.433	1.682	1.659	1.446	1.527	7.0
Acenaphthylene		1.877	1.791	2.095	2.058	1.871	1.915	6.1
2,6-Dinitrotoluene		0.286	0.291	0.353	0.358	0.330	0.324	8.6
Acenaphthene		1.129	1.052	1.207	1.195	1.055	1.104	6.8
2,4-Dinitrophenol			0.108	0.173	0.209	0.201	0.183	21.4
4-Nitrophenol			0.148	0.255	0.307	0.280	0.258	22.0
2,4-Dinitrotoluene		0.382	0.398	0.501	0.521	0.471	0.460	11.3
Diethylphthalate		1.573	1.472	1.697	1.644	1.473	1.549	6.0
4-Chlorophenyl-phenylether		0.755	0.699	0.791	0.769	0.681	0.721	7.1
Fluorene		1.485	1.382	1.579	1.546	1.350	1.431	7.5

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: ARDM01

Lab Code: ACE SDG No.: Q3098

Instrument ID: BNA_P Calibration Date(s): 09/11/2025 09/11/2025

Calibration Time(s): 08:56 15:20

LAB FILE ID: RRF2.5 = BP025725.D RRF005 = BP025726.D RRF010 = BP025727.D
RRF020 = BP025728.D RRF040 = BP025729.D RRF060 = BP025731.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF060	RRF	% RSD
4,6-Dinitro-2-methylphenol			0.093	0.135	0.151	0.137	0.133	15.1
n-Nitrosodiphenylamine		0.597	0.573	0.681	0.664	0.594	0.612	7.9
Azobenzene		1.421	1.383	1.648	1.643	1.468	1.498	7.3
2,4,6-Tribromophenol		0.227	0.227	0.270	0.277	0.249	0.249	7.7
4-Bromophenyl-phenylether		0.213	0.202	0.240	0.238	0.213	0.220	6.8
Hexachlorobenzene		0.243	0.230	0.266	0.261	0.236	0.245	5.8
Pentachlorophenol			0.132	0.168	0.179	0.161	0.162	9.8
Phenanthrene		1.163	1.095	1.247	1.213	1.065	1.135	7.0
Anthracene		1.120	1.086	1.280	1.237	1.107	1.151	7.4
Di-n-butylphthalate		1.232	1.213	1.468	1.438	1.281	1.313	8.0
Fluoranthene		1.387	1.294	1.511	1.447	1.293	1.361	7.0
Benzidine			0.523	0.537	0.653	0.578	0.576	9.5
Pyrene		1.307	1.243	1.444	1.430	1.308	1.335	5.7
Terphenyl-d14		1.133	1.093	1.198	1.177	1.054	1.112	5.8
Butylbenzylphthalate		0.519	0.511	0.636	0.647	0.587	0.585	9.0
3,3-Dichlorobenzidine			0.425	0.499	0.518	0.468	0.473	7.4
Benzo(a)anthracene		1.346	1.302	1.471	1.453	1.330	1.369	5.0
Chrysene		1.316	1.253	1.397	1.375	1.268	1.305	5.1
Bis(2-ethylhexyl)phthalate		0.800	0.781	0.930	0.945	0.857	0.856	7.3
Di-n-octyl phthalate			1.315	1.604	1.670	1.513	1.523	7.9
Benzo(b)fluoranthene		1.124	1.145	1.304	1.336	1.216	1.223	6.5
Benzo(k)fluoranthene		1.228	1.170	1.367	1.341	1.220	1.248	6.5
Benzo(a)pyrene		1.131	1.100	1.276	1.307	1.208	1.198	6.5
Indeno(1,2,3-cd)pyrene		1.340	1.334	1.533	1.596	1.485	1.454	7.0
Dibenzo(a,h)anthracene		1.116	1.075	1.254	1.297	1.208	1.190	6.8
Benzo(g,h,i)perylene		1.090	1.078	1.225	1.267	1.197	1.171	6.2

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-BP091225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Sep 11 16:45:04 2025
Response Via : Initial Calibration

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

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

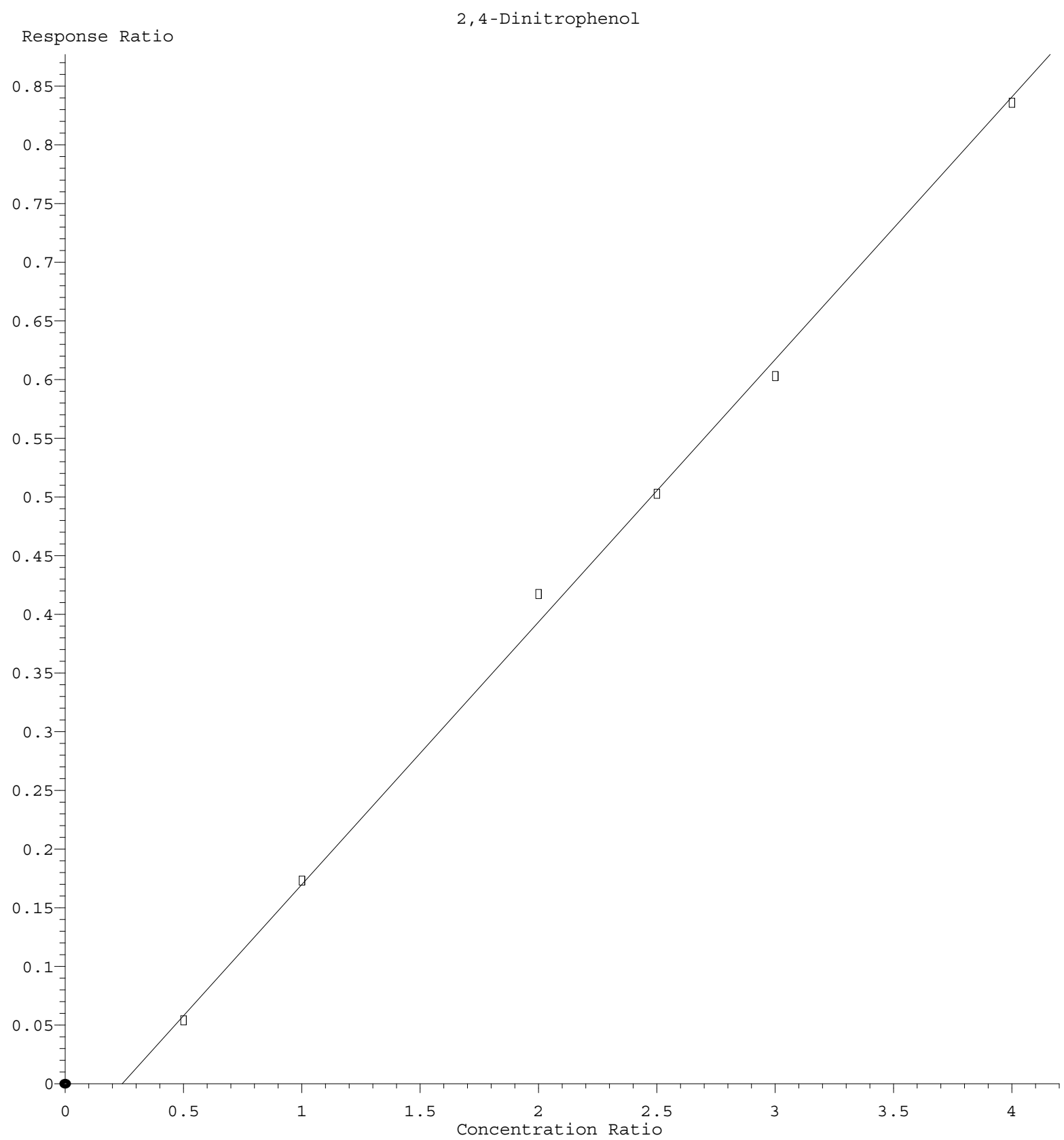
Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP091225.M

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

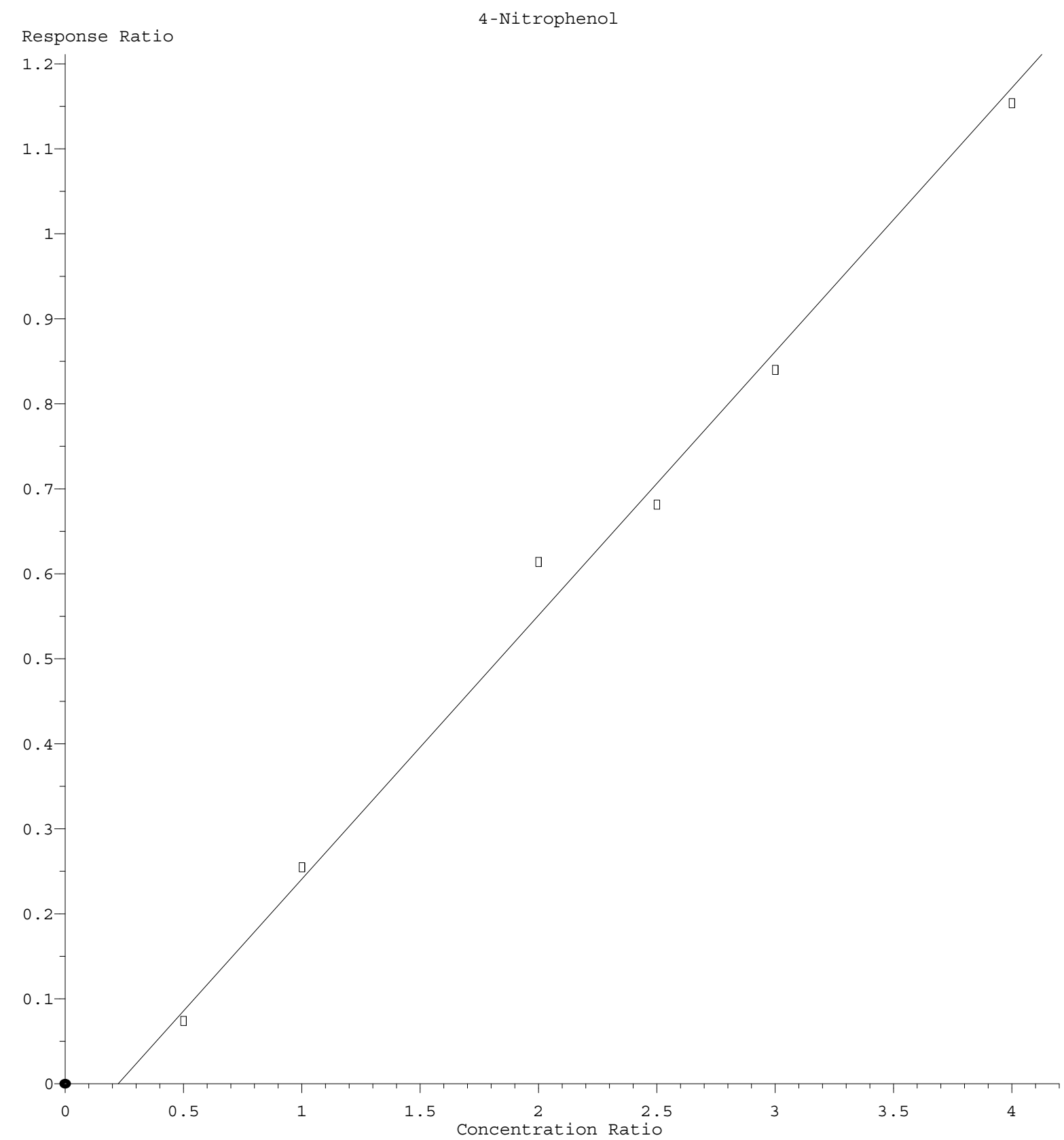
Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP091225.M

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

(#) = Out of Range



Response = 2.238e-001 * Amt - 5.399e-002
Coef of Det (r^2) = 0.998392 Curve Fit: wlr(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8270E-BP091225.M
Calibration Table Last Updated: Thu Sep 11 16:45:04 2025



Response = 3.103e-001 * Amt - 6.955e-002
Coef of Det (r^2) = 0.993923 Curve Fit: wlr(1/a)
Method Name: Z:\svoasrv\HPCHEM1\BNA P\Methods\8270E-BP091225.M
Calibration Table Last Updated: Thu Sep 11 16:45:04 2025

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025725.D
Acq On : 11 Sep 2025 08:56
Operator : CG/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

Quant Time: Sep 11 16:18:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:16:10 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.737	152	120353	20.000	ng	-0.02
21) Naphthalene-d8	10.513	136	495839	20.000	ng	-0.01
39) Acenaphthene-d10	14.372	164	354286	20.000	ng	0.00
64) Phenanthrene-d10	17.183	188	772731	20.000	ng	0.00
76) Chrysene-d12	21.624	240	878437	20.000	ng	-0.02
86) Perylene-d12	25.001	264	947867	20.000	ng	0.00
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...	8.549	70	14459m	2.116	ng	

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

ICAL Form

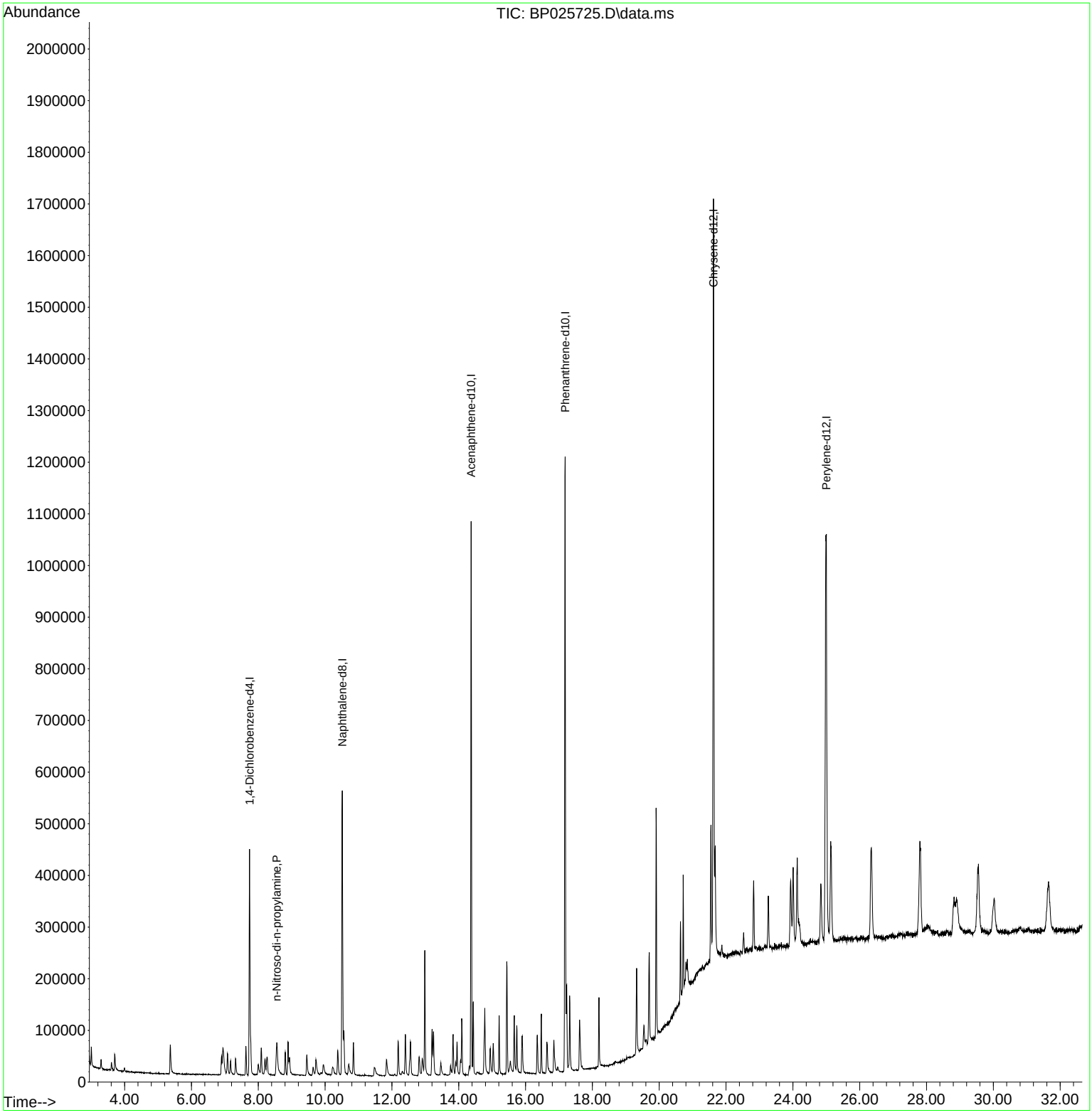
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025725.D
Acq On : 11 Sep 2025 08:56
Operator : CG/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 11 16:18:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:16:10 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025726.D
Acq On : 11 Sep 2025 09:37
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 11 16:19:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:16:10 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.760	152	118553	20.000	ng		0.00
21) Naphthalene-d8	10.531	136	483637	20.000	ng		0.00
39) Acenaphthene-d10	14.372	164	340469	20.000	ng		0.00
64) Phenanthrene-d10	17.184	188	730553	20.000	ng		0.00
76) Chrysene-d12	21.630	240	824671	20.000	ng		-0.01
86) Perylene-d12	24.995	264	899115	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.390	112	67503	9.187	ng		0.00
7) Phenol-d6	6.949	99	82479	8.446	ng		0.00
23) Nitrobenzene-d5	8.907	82	100673	9.182	ng		0.00
42) 2,4,6-Tribromophenol	15.907	330	38610	9.092	ng		0.00
45) 2-Fluorobiphenyl	12.990	172	266136	10.408	ng		0.00
79) Terphenyl-d14	19.901	244	466997	10.187	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.308	88	16745	5.430	ng		98
3) Pyridine	3.714	79	40793	4.804	ng		97
6) Aniline	7.096	93	58671	4.376	ng		96
8) 2-Chlorophenol	7.337	128	36433	4.520	ng		97
10) Phenol	6.978	94	44799	4.350	ng		98
11) bis(2-Chloroethyl)ether	7.184	93	38920	4.704	ng		94
12) 1,3-Dichlorobenzene	7.649	146	45950	5.009	ng		96
13) 1,4-Dichlorobenzene	7.796	146	45935	4.916	ng		99
14) 1,2-Dichlorobenzene	8.113	146	45308	4.991	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.272	45	66422	4.909	ng		94
17) 2-Methylphenol	8.208	107	28845	4.155	ng		97
18) Hexachloroethane	8.825	117	17883	5.010	ng		98
19) n-Nitroso-di-n-propyla...	8.555	70	30598	4.546	ng		100
22) Acetophenone	8.578	105	57314	4.434	ng	#	96
24) Nitrobenzene	8.949	77	44286	4.502	ng		98
25) Isophorone	9.466	82	89058	4.621	ng		98
26) 2-Nitrophenol	9.660	139	17076	3.910	ng		92
27) 2,4-Dimethylphenol	9.731	122	31764	4.146	ng		99
28) bis(2-Chloroethoxy)met...	9.954	93	50074	4.495	ng		96
29) 2,4-Dichlorophenol	10.219	162	32238	4.220	ng		92
30) 1,2,4-Trichlorobenzene	10.396	180	42918	4.985	ng		96
31) Naphthalene	10.584	128	129655	4.972	ng		100
33) 4-Chloroaniline	10.707	127	41517	3.820	ng		96
34) Hexachlorobutadiene	10.866	225	27333	4.932	ng		94
36) 4-Chloro-3-methylphenol	11.837	107	39611	4.350	ng		97
37) 2-Methylnaphthalene	12.190	142	80091	4.782	ng		98
38) 1-Methylnaphthalene	12.407	142	87800	4.916	ng		97
40) 1,2,4,5-Tetrachloroben...	12.566	216	50181	4.864	ng		99
43) 2,4,6-Trichlorophenol	12.819	196	28904	4.262	ng		95
44) 2,4,5-Trichlorophenol	12.901	196	31943	4.232	ng		96
46) 1,1'-Biphenyl	13.201	154	124080	4.965	ng		97
47) 2-Chloronaphthalene	13.248	162	97044	4.932	ng		96
48) 2-Nitroaniline	13.460	65	26322	4.013	ng		95
49) Acenaphthylene	14.095	152	159767	4.900	ng		99
50) Dimethylphthalate	13.831	163	131492	5.059	ng		99
51) 2,6-Dinitrotoluene	13.948	165	24324	4.417	ng	#	81

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025726.D
Acq On : 11 Sep 2025 09:37
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Quant Time: Sep 11 16:19:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:16:10 2025
Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
52) Acenaphthene	14.437	154	96066	5.109	ng		97
53) 3-Nitroaniline	14.301	138	22660	3.913	ng		94
55) Dibenzofuran	14.784	168	156097	5.094	ng		99
57) 2,4-Dinitrotoluene	14.748	165	32480	4.144	ng		90
58) Fluorene	15.442	166	126434	5.189	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.025	232	30771	4.525	ng		96
60) Diethylphthalate	15.213	149	133865	5.077	ng		98
61) 4-Chlorophenyl-phenyle...	15.437	204	64305	5.236	ng		96
62) 4-Nitroaniline	15.489	138	21996m	3.710	ng		
63) Azobenzene	15.737	77	120979	4.745	ng		97
66) n-Nitrosodiphenylamine	15.660	169	108999	4.875	ng		98
67) 4-Bromophenyl-phenylether	16.354	248	38933	4.851	ng		99
68) Hexachlorobenzene	16.472	284	44390	4.960	ng		98
69) Atrazine	16.642	200	39255	4.593	ng		96
71) Phenanthrene	17.225	178	212489	5.127	ng		99
72) Anthracene	17.325	178	204585	4.866	ng		99
73) Carbazole	17.619	167	181532	4.644	ng		99
74) Di-n-butylphthalate	18.195	149	225100	4.692	ng		100
75) Fluoranthene	19.319	202	253297	5.096	ng		100
78) Pyrene	19.701	202	269369	4.895	ng		99
80) Butylbenzylphthalate	20.630	149	107059	4.437	ng		99
81) Benzo(a)anthracene	21.607	228	277557	4.916	ng		99
83) Chrysene	21.683	228	271250	5.040	ng		99
84) Bis(2-ethylhexyl)phtha...	21.542	149	164937	4.673	ng		100
87) Indeno(1,2,3-cd)pyrene	28.801	276	301229	4.607	ng	#	89
88) Benzo(b)fluoranthene	23.913	252	252672	4.595	ng		98
89) Benzo(k)fluoranthene	23.983	252	275940	4.918	ng		100
90) Benzo(a)pyrene	24.824	252	254148	4.720	ng		98
91) Dibenzo(a,h)anthracene	28.877	278	250801	4.687	ng		98
92) Benzo(g,h,i)perylene	29.983	276	245079	4.657	ng		97

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

ICAL Form

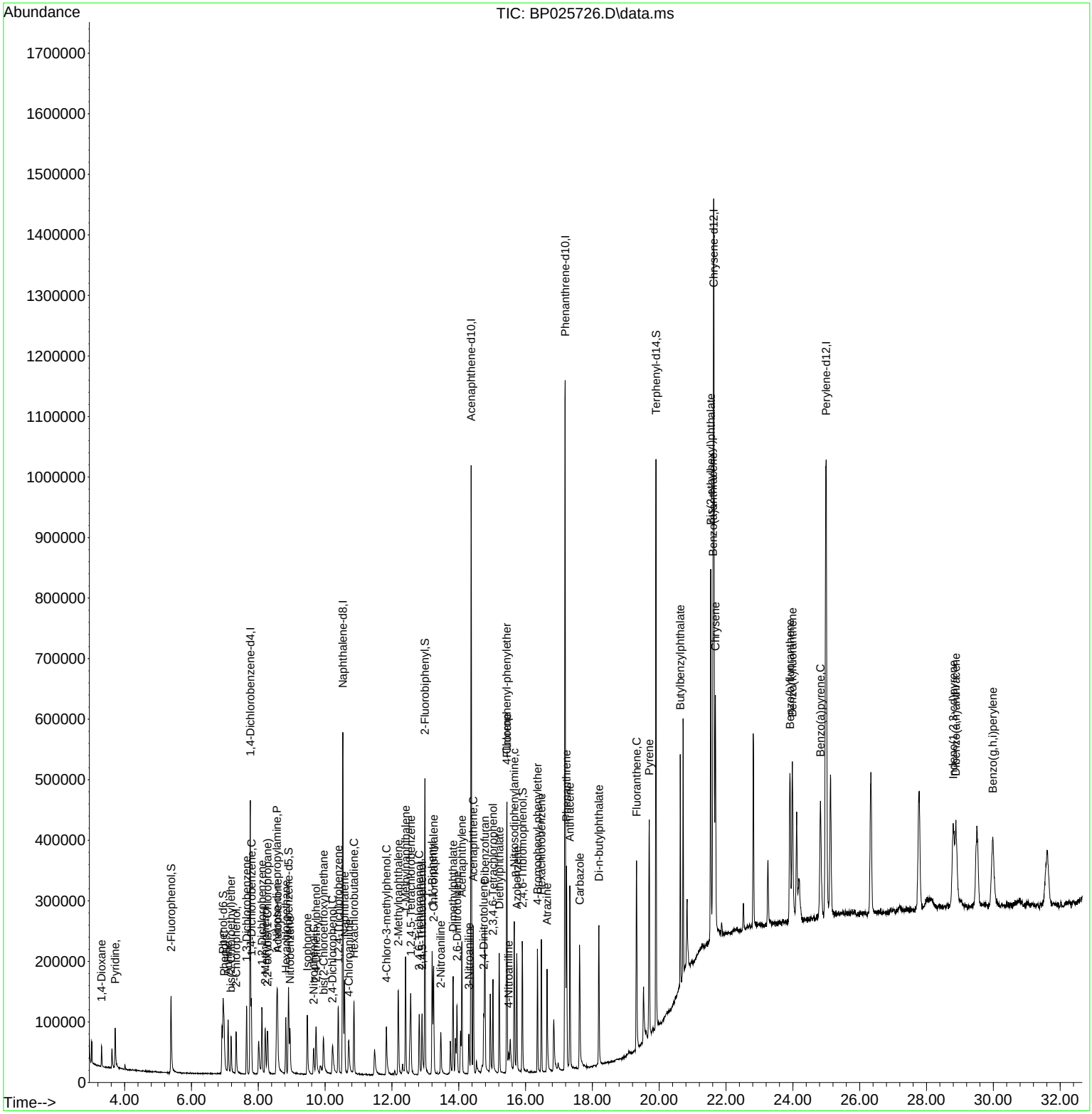
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025726.D
Acq On : 11 Sep 2025 09:37
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 11 16:19:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:16:10 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025727.D
Acq On : 11 Sep 2025 10:18
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 11 16:20:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:16:10 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.760	152	130279	20.000	ng		0.00
21) Naphthalene-d8	10.525	136	533074	20.000	ng		0.00
39) Acenaphthene-d10	14.366	164	373569	20.000	ng		-0.01
64) Phenanthrene-d10	17.183	188	783581	20.000	ng		0.00
76) Chrysene-d12	21.636	240	866064	20.000	ng		0.00
86) Perylene-d12	24.989	264	954952	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.390	112	146309	18.121	ng		0.00
7) Phenol-d6	6.949	99	190237	17.726	ng		0.00
23) Nitrobenzene-d5	8.902	82	218368	18.070	ng		0.00
42) 2,4,6-Tribromophenol	15.895	330	84835	18.207	ng		-0.01
45) 2-Fluorobiphenyl	12.984	172	548995	19.568	ng		0.00
79) Terphenyl-d14	19.907	244	946504	19.661	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.308	88	32347	9.545	ng		98
3) Pyridine	3.714	79	85764	9.191	ng		98
4) n-Nitrosodimethylamine	3.619	42	41618	9.452	ng		98
6) Aniline	7.096	93	129012	8.757	ng		98
8) 2-Chlorophenol	7.337	128	77937	8.799	ng		98
9) Benzaldehyde	6.913	77	67547m	10.513	ng		
10) Phenol	6.978	94	99362	8.781	ng		99
11) bis(2-Chloroethyl)ether	7.190	93	79609	8.756	ng		99
12) 1,3-Dichlorobenzene	7.649	146	94257	9.350	ng		98
13) 1,4-Dichlorobenzene	7.796	146	96090	9.357	ng		99
14) 1,2-Dichlorobenzene	8.107	146	93300	9.352	ng		99
15) Benzyl Alcohol	8.007	79	71103	8.018	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.278	45	138959	9.346	ng		98
17) 2-Methylphenol	8.207	107	67077	8.792	ng		99
18) Hexachloroethane	8.831	117	36252	9.242	ng		95
19) n-Nitroso-di-n-propyla...	8.554	70	68213	9.222	ng		98
20) 3+4-Methylphenols	8.537	107	88058	8.241	ng		99
22) Acetophenone	8.572	105	130184	9.138	ng	#	97
24) Nitrobenzene	8.943	77	96781	8.927	ng		97
25) Isophorone	9.466	82	193432	9.106	ng		98
26) 2-Nitrophenol	9.654	139	41028	8.524	ng		93
27) 2,4-Dimethylphenol	9.719	122	76321	9.038	ng		94
28) bis(2-Chloroethoxy)met...	9.937	93	112758	9.183	ng		99
29) 2,4-Dichlorophenol	10.207	162	71856	8.535	ng		96
30) 1,2,4-Trichlorobenzene	10.390	180	89376	9.419	ng		99
31) Naphthalene	10.572	128	274007	9.533	ng		99
32) Benzoic acid	9.837	122	45191m	7.198	ng		
33) 4-Chloroaniline	10.696	127	104287	8.705	ng		98
34) Hexachlorobutadiene	10.860	225	58279	9.541	ng		98
35) Caprolactam	11.466	113	28000m	8.645	ng		
36) 4-Chloro-3-methylphenol	11.825	107	90104	8.976	ng		97
37) 2-Methylnaphthalene	12.184	142	170398	9.230	ng		99
38) 1-Methylnaphthalene	12.401	142	184127	9.353	ng		97
40) 1,2,4,5-Tetrachloroben...	12.554	216	104709	9.250	ng		100
41) Hexachlorocyclopentadiene	12.531	237	42087	6.826	ng		94
43) 2,4,6-Trichlorophenol	12.807	196	66063	8.877	ng		98

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025727.D
Acq On : 11 Sep 2025 10:18
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

Quant Time: Sep 11 16:20:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:16:10 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.890	196	72578	8.763	ng		95
46) 1,1'-Biphenyl	13.195	154	256914	9.370	ng		99
47) 2-Chloronaphthalene	13.242	162	203648	9.432	ng		99
48) 2-Nitroaniline	13.454	65	61991	8.613	ng		97
49) Acenaphthylene	14.089	152	334623	9.354	ng		99
50) Dimethylphthalate	13.825	163	267725	9.387	ng		99
51) 2,6-Dinitrotoluene	13.942	165	54414	9.005	ng		99
52) Acenaphthene	14.437	154	196467	9.523	ng		100
53) 3-Nitroaniline	14.284	138	52642	8.285	ng		98
54) 2,4-Dinitrophenol	14.513	184	20208	9.658	ng		96
55) Dibenzofuran	14.778	168	327607	9.743	ng		99
56) 4-Nitrophenol	14.648	139	27599	9.243	ng		88
57) 2,4-Dinitrotoluene	14.748	165	74291	8.639	ng		99
58) Fluorene	15.436	166	258111	9.654	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.013	232	67402	9.034	ng		100
60) Diethylphthalate	15.213	149	274993	9.505	ng		100
61) 4-Chlorophenyl-phenyle...	15.431	204	130552	9.689	ng		98
62) 4-Nitroaniline	15.472	138	52570	8.082	ng		94
63) Azobenzene	15.731	77	258320	9.235	ng		99
65) 4,6-Dinitro-2-methylph...	15.536	198	36614	7.026	ng		94
66) n-Nitrosodiphenylamine	15.654	169	224671	9.369	ng		99
67) 4-Bromophenyl-phenylether	16.354	248	79245	9.206	ng		98
68) Hexachlorobenzene	16.472	284	90039	9.379	ng		99
69) Atrazine	16.636	200	82175	8.965	ng		98
70) Pentachlorophenol	16.836	266	51635	8.150	ng		93
71) Phenanthrene	17.230	178	429178	9.655	ng		99
72) Anthracene	17.325	178	425513	9.435	ng		98
73) Carbazole	17.607	167	390923	9.323	ng		99
74) Di-n-butylphthalate	18.189	149	475436	9.240	ng		99
75) Fluoranthene	19.319	202	507116	9.513	ng		100
77) Benzidine	19.525	184	226459	9.078	ng		100
78) Pyrene	19.689	202	538053	9.311	ng		98
80) Butylbenzylphthalate	20.636	149	221238	8.731	ng		95
81) Benzo(a)anthracene	21.613	228	563687	9.507	ng		100
82) 3,3'-Dichlorobenzidine	21.530	252	184095	8.980	ng		100
83) Chrysene	21.683	228	542537	9.599	ng		99
84) Bis(2-ethylhexyl)phtha...	21.542	149	338402	9.129	ng		100
85) Di-n-octyl phthalate	22.818	149	569524	8.637	ng		98
87) Indeno(1,2,3-cd)pyrene	28.789	276	637024	9.173	ng	#	85
88) Benzo(b)fluoranthene	23.918	252	546577	9.360	ng		99
89) Benzo(k)fluoranthene	23.989	252	558830	9.378	ng		99
90) Benzo(a)pyrene	24.830	252	525444	9.188	ng		99
91) Dibenzo(a,h)anthracene	28.871	278	513228	9.031	ng		97
92) Benzo(g,h,i)perylene	29.995	276	514884	9.213	ng		99

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

ICAL Form

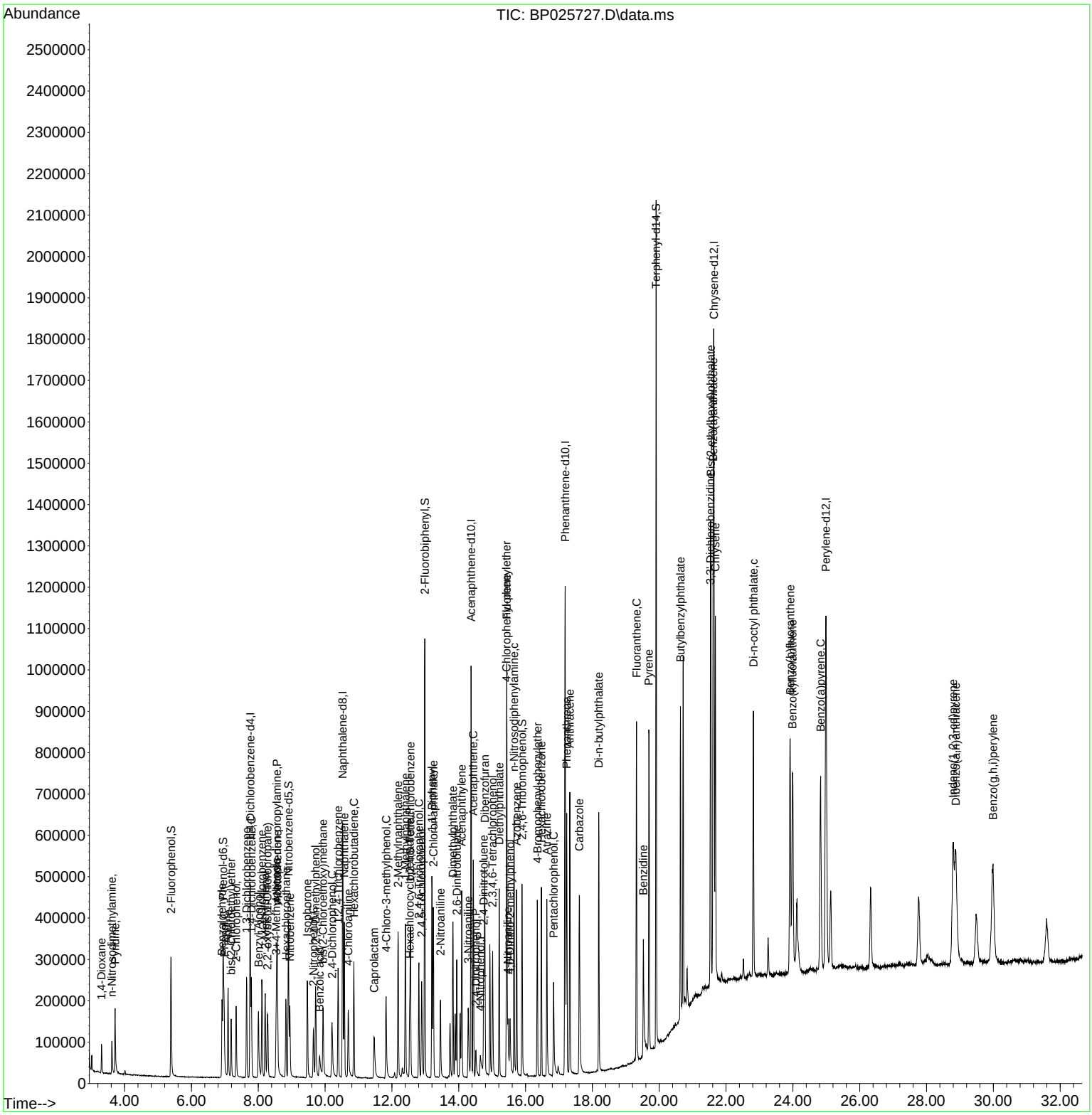
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025727.D
Acq On : 11 Sep 2025 10:18
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 11 16:20:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:16:10 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025728.D
Acq On : 11 Sep 2025 10:59
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

Quant Time: Sep 11 16:21:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:16:10 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.761	152	143999	20.000	ng		0.00
21) Naphthalene-d8	10.525	136	606294	20.000	ng		0.00
39) Acenaphthene-d10	14.378	164	418871	20.000	ng		0.00
64) Phenanthrene-d10	17.184	188	862789	20.000	ng		0.00
76) Chrysene-d12	21.630	240	931523	20.000	ng		-0.01
86) Perylene-d12	25.013	264	988151	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.384	112	380187	42.601	ng		0.00
7) Phenol-d6	6.943	99	516495	43.542	ng		0.00
23) Nitrobenzene-d5	8.902	82	594129	43.226	ng		0.00
42) 2,4,6-Tribromophenol	15.901	330	226554	43.363	ng		0.00
45) 2-Fluorobiphenyl	12.990	172	1386426	44.072	ng		0.00
79) Terphenyl-d14	19.901	244	2231186	43.089	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.308	88	80281	21.433	ng		99
3) Pyridine	3.708	79	219692	21.301	ng		98
4) n-Nitrosodimethylamine	3.614	42	103000	21.164	ng		100
6) Aniline	7.096	93	354574	21.775	ng		100
8) 2-Chlorophenol	7.337	128	208475	21.294	ng		99
9) Benzaldehyde	6.914	77	107710m	15.166	ng		
10) Phenol	6.972	94	266163	21.280	ng		98
11) bis(2-Chloroethyl)ether	7.190	93	217190	21.613	ng		97
12) 1,3-Dichlorobenzene	7.649	146	239289	21.475	ng		98
13) 1,4-Dichlorobenzene	7.790	146	244577	21.548	ng		97
14) 1,2-Dichlorobenzene	8.108	146	235224	21.333	ng		98
15) Benzyl Alcohol	8.002	79	205181	20.933	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.272	45	356609	21.700	ng		99
17) 2-Methylphenol	8.202	107	182618	21.655	ng		100
18) Hexachloroethane	8.825	117	91098	21.012	ng		99
19) n-Nitroso-di-n-propyla...	8.555	70	187222	22.899	ng		99
20) 3+4-Methylphenols	8.525	107	247752	20.978	ng		98
22) Acetophenone	8.572	105	353588	21.823	ng	#	98
24) Nitrobenzene	8.943	77	266699	21.629	ng		98
25) Isophorone	9.466	82	522705	21.636	ng		100
26) 2-Nitrophenol	9.649	139	115173	21.038	ng		99
27) 2,4-Dimethylphenol	9.713	122	208989	21.760	ng		99
28) bis(2-Chloroethoxy)met...	9.937	93	309508	22.163	ng		99
29) 2,4-Dichlorophenol	10.190	162	205319	21.441	ng		98
30) 1,2,4-Trichlorobenzene	10.390	180	228468	21.170	ng		97
31) Naphthalene	10.578	128	705465	21.579	ng		100
32) Benzoic acid	9.843	122	129745	18.170	ng		99
33) 4-Chloroaniline	10.690	127	296539	21.763	ng		99
34) Hexachlorobutadiene	10.860	225	149942	21.583	ng		99
35) Caprolactam	11.472	113	76940	20.887	ng		98
36) 4-Chloro-3-methylphenol	11.819	107	245998	21.548	ng		97
37) 2-Methylnaphthalene	12.184	142	459751	21.896	ng		98
38) 1-Methylnaphthalene	12.413	142	489270	21.851	ng		100
40) 1,2,4,5-Tetrachloroben...	12.554	216	273360	21.536	ng		100
41) Hexachlorocyclopentadiene	12.537	237	136556	19.753	ng		99
43) 2,4,6-Trichlorophenol	12.807	196	182331	21.851	ng		99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025728.D
Acq On : 11 Sep 2025 10:59
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

Quant Time: Sep 11 16:21:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:16:10 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.890	196	201778	21.728	ng		98
46) 1,1'-Biphenyl	13.207	154	669889	21.788	ng		99
47) 2-Chloronaphthalene	13.243	162	524481	21.665	ng		99
48) 2-Nitroaniline	13.460	65	174129	21.578	ng		99
49) Acenaphthylene	14.095	152	877353	21.873	ng		100
50) Dimethylphthalate	13.837	163	704532	22.031	ng		99
51) 2,6-Dinitrotoluene	13.948	165	147655	21.793	ng		99
52) Acenaphthene	14.443	154	505575	21.856	ng		99
53) 3-Nitroaniline	14.290	138	154856	21.735	ng		93
54) 2,4-Dinitrophenol	14.501	184	72511	20.292	ng		96
55) Dibenzofuran	14.790	168	823747	21.850	ng		98
56) 4-Nitrophenol	14.631	139	106678	20.895	ng		98
57) 2,4-Dinitrotoluene	14.754	165	209898	21.769	ng		93
58) Fluorene	15.442	166	661561	22.068	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.025	232	181997	21.756	ng		98
60) Diethylphthalate	15.213	149	710972	21.918	ng		98
61) 4-Chlorophenyl-phenyle...	15.431	204	331129	21.917	ng		99
62) 4-Nitroaniline	15.472	138	159664	21.891	ng		99
63) Azobenzene	15.737	77	690423	22.012	ng		99
65) 4,6-Dinitro-2-methylph...	15.537	198	116319	20.272	ng		96
66) n-Nitrosodiphenylamine	15.660	169	587714	22.259	ng		99
67) 4-Bromophenyl-phenylether	16.360	248	206823	21.820	ng		97
68) Hexachlorobenzene	16.472	284	229447	21.707	ng		94
69) Atrazine	16.642	200	223909	22.185	ng		98
70) Pentachlorophenol	16.831	266	145273	20.824	ng		98
71) Phenanthrene	17.231	178	1075795	21.981	ng		99
72) Anthracene	17.319	178	1104346	22.239	ng		99
73) Carbazole	17.601	167	1022406	22.146	ng		99
74) Di-n-butylphthalate	18.183	149	1266684	22.358	ng		99
75) Fluoranthene	19.319	202	1303398	22.205	ng		100
77) Benzidine	19.513	184	499919	18.631	ng		99
78) Pyrene	19.695	202	1345082	21.640	ng		99
80) Butylbenzylphthalate	20.636	149	592103	21.726	ng		97
81) Benzo(a)anthracene	21.607	228	1370258	21.486	ng		100
82) 3,3'-Dichlorobenzidine	21.536	252	464513	21.065	ng		99
83) Chrysene	21.683	228	1301547	21.410	ng		99
84) Bis(2-ethylhexyl)phtha...	21.548	149	866210	21.725	ng		99
85) Di-n-octyl phthalate	22.830	149	1493820	21.062	ng		100
87) Indeno(1,2,3-cd)pyrene	28.795	276	1514360	21.074	ng	#	85
88) Benzo(b)fluoranthene	23.924	252	1288073	21.316	ng		98
89) Benzo(k)fluoranthene	23.995	252	1351055	21.911	ng		98
90) Benzo(a)pyrene	24.830	252	1260461	21.300	ng		99
91) Dibenzo(a,h)anthracene	28.883	278	1238767	21.066	ng		99
92) Benzo(g,h,i)perylene	29.995	276	1210808	20.937	ng		99

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

ICAL Form

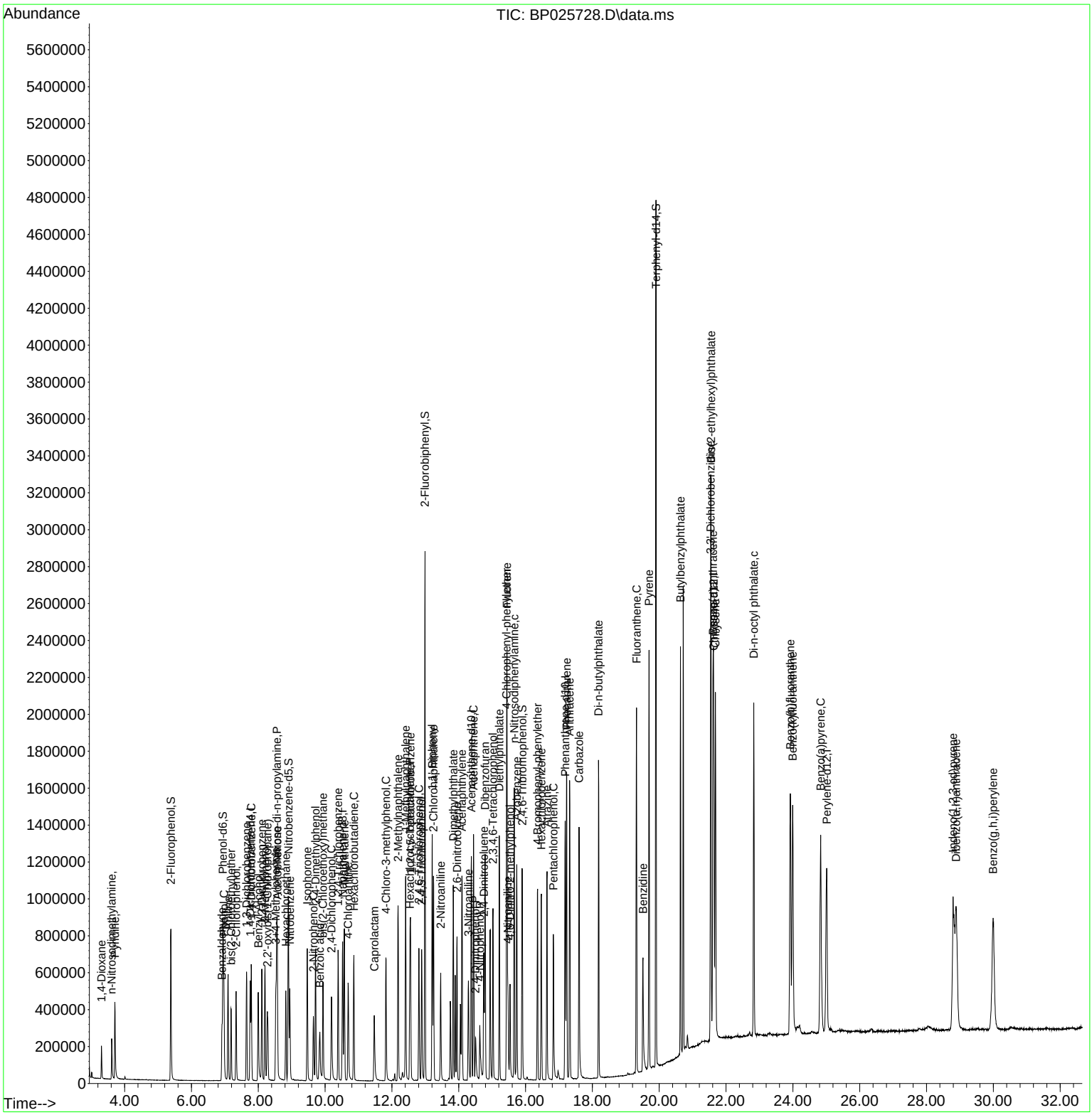
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025728.D
Acq On : 11 Sep 2025 10:59
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 11 16:21:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:16:10 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025729.D
Acq On : 11 Sep 2025 12:21
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 11 16:22:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:16:10 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.760	152	144640	20.000	ng	0.00
21) Naphthalene-d8	10.525	136	617318	20.000	ng	0.00
39) Acenaphthene-d10	14.378	164	418121	20.000	ng	0.00
64) Phenanthrene-d10	17.183	188	868840	20.000	ng	0.00
76) Chrysene-d12	21.630	240	926553	20.000	ng	-0.01
86) Perylene-d12	24.995	264	1000954	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	787836	87.888	ng	0.00
7) Phenol-d6	6.943	99	1076622	90.359	ng	0.00
23) Nitrobenzene-d5	8.902	82	1224870	87.524	ng	0.00
42) 2,4,6-Tribromophenol	15.895	330	462583	88.699	ng	-0.01
45) 2-Fluorobiphenyl	12.990	172	2669440	85.008	ng	0.00
79) Terphenyl-d14	19.901	244	4362586	84.704	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.308	88	157988	41.993	ng	99
3) Pyridine	3.708	79	452870	43.715	ng	98
4) n-Nitrosodimethylamine	3.614	42	208606	42.674	ng	98
6) Aniline	7.096	93	725768	44.373	ng	98
8) 2-Chlorophenol	7.331	128	436310	44.368	ng	99
9) Benzaldehyde	6.913	77	253178m	35.491	ng	
10) Phenol	6.972	94	568213	45.227	ng	99
11) bis(2-Chloroethyl)ether	7.190	93	449932	44.575	ng	99
12) 1,3-Dichlorobenzene	7.649	146	484132	43.256	ng	98
13) 1,4-Dichlorobenzene	7.796	146	488797	42.874	ng	100
14) 1,2-Dichlorobenzene	8.107	146	478270	43.182	ng	98
15) Benzyl Alcohol	8.002	79	436860	44.371	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.278	45	721206	43.691	ng	100
17) 2-Methylphenol	8.202	107	381511	45.040	ng	97
18) Hexachloroethane	8.825	117	187163	42.979	ng	96
19) n-Nitroso-di-n-propyla...	8.554	70	381756	46.485	ng	100
20) 3+4-Methylphenols	8.525	107	526118	44.351	ng	98
22) Acetophenone	8.572	105	726426	44.034	ng	99
24) Nitrobenzene	8.943	77	554186	44.142	ng	99
25) Isophorone	9.472	82	1061978	43.173	ng	100
26) 2-Nitrophenol	9.649	139	250189	44.885	ng	96
27) 2,4-Dimethylphenol	9.713	122	439626	44.957	ng	99
28) bis(2-Chloroethoxy)met...	9.937	93	615359	43.278	ng	99
29) 2,4-Dichlorophenol	10.190	162	430954	44.201	ng	99
30) 1,2,4-Trichlorobenzene	10.396	180	466981	42.499	ng	99
31) Naphthalene	10.578	128	1416256	42.548	ng	100
32) Benzoic acid	9.884	122	322344	44.337	ng	98
33) 4-Chloroaniline	10.684	127	629600	45.380	ng	99
34) Hexachlorobutadiene	10.860	225	299180	42.296	ng	98
35) Caprolactam	11.490	113	162983	43.455	ng	99
36) 4-Chloro-3-methylphenol	11.825	107	511595	44.012	ng	97
37) 2-Methylnaphthalene	12.184	142	922799	43.164	ng	99
38) 1-Methylnaphthalene	12.407	142	987208	43.302	ng	99
40) 1,2,4,5-Tetrachloroben...	12.560	216	551785	43.550	ng	100
41) Hexachlorocyclopentadiene	12.537	237	317811	46.055	ng	99
43) 2,4,6-Trichlorophenol	12.801	196	372542	44.726	ng	99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025729.D
Acq On : 11 Sep 2025 12:21
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 11 16:22:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:16:10 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.884	196	418700	45.167	ng		98
46) 1,1'-Biphenyl	13.207	154	1327491	43.254	ng		99
47) 2-Chloronaphthalene	13.242	162	1037016	42.913	ng		99
48) 2-Nitroaniline	13.454	65	366901	45.547	ng		97
49) Acenaphthylene	14.101	152	1721169	42.987	ng		100
50) Dimethylphthalate	13.837	163	1387323	43.460	ng		99
51) 2,6-Dinitrotoluene	13.948	165	299565	44.293	ng		99
52) Acenaphthene	14.442	154	998942	43.262	ng		99
53) 3-Nitroaniline	14.284	138	329431	46.320	ng		98
54) 2,4-Dinitrophenol	14.507	184	174477	42.110	ng		98
55) Dibenzofuran	14.784	168	1607411	42.712	ng		99
56) 4-Nitrophenol	14.619	139	256685	44.044	ng		98
57) 2,4-Dinitrotoluene	14.754	165	435664	45.264	ng		99
58) Fluorene	15.448	166	1292575	43.194	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.019	232	373358	44.710	ng		98
60) Diethylphthalate	15.219	149	1374845	42.459	ng		100
61) 4-Chlorophenyl-phenyle...	15.436	204	643036	42.637	ng		99
62) 4-Nitroaniline	15.472	138	338121	46.442	ng		100
63) Azobenzene	15.736	77	1373602	43.872	ng		99
65) 4,6-Dinitro-2-methylph...	15.536	198	261709	45.293	ng		94
66) n-Nitrosodiphenylamine	15.654	169	1153503	43.383	ng		99
67) 4-Bromophenyl-phenylether	16.348	248	413274	43.298	ng		99
68) Hexachlorobenzene	16.472	284	453064	42.564	ng		97
69) Atrazine	16.636	200	451179	44.392	ng		98
70) Pentachlorophenol	16.836	266	311192	44.297	ng		98
71) Phenanthrene	17.230	178	2106998	42.751	ng		100
72) Anthracene	17.319	178	2149009	42.974	ng		100
73) Carbazole	17.601	167	2037704	43.830	ng		99
74) Di-n-butylphthalate	18.189	149	2498531	43.793	ng		100
75) Fluoranthene	19.313	202	2514212	42.535	ng		99
77) Benzidine	19.501	184	1209219	45.307	ng		100
78) Pyrene	19.689	202	2650721	42.875	ng		99
80) Butylbenzylphthalate	20.636	149	1198520	44.213	ng		99
81) Benzo(a)anthracene	21.613	228	2693098	42.456	ng		100
82) 3,3'-Dichlorobenzidine	21.524	252	960752	43.803	ng		99
83) Chrysene	21.677	228	2548856	42.152	ng		100
84) Bis(2-ethylhexyl)phtha...	21.542	149	1750717	44.144	ng		99
85) Di-n-octyl phthalate	22.818	149	3094664	43.867	ng		100
87) Indeno(1,2,3-cd)pyrene	28.824	276	3195673	43.902	ng	#	83
88) Benzo(b)fluoranthene	23.930	252	2674118	43.687	ng		99
89) Benzo(k)fluoranthene	24.007	252	2685118	42.989	ng		99
90) Benzo(a)pyrene	24.836	252	2617139	43.660	ng		100
91) Dibenzo(a,h)anthracene	28.906	278	2596318	43.586	ng		99
92) Benzo(g,h,i)perylene	30.006	276	2536855	43.305	ng		99

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

ICAL Form

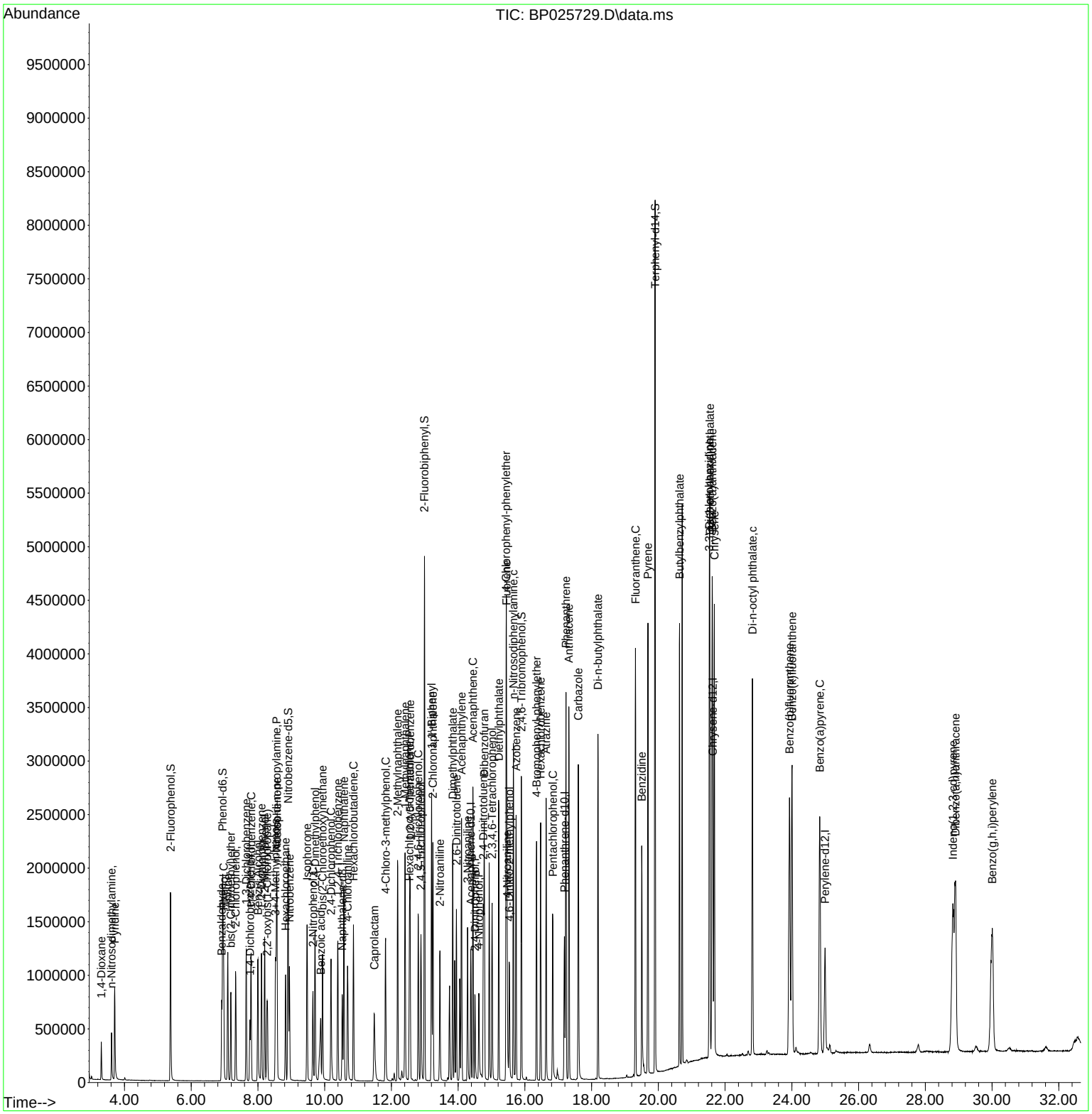
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025729.D
Acq On : 11 Sep 2025 12:21
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 11 16:22:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:16:10 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025731.D
Acq On : 11 Sep 2025 13:43
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Quant Time: Sep 11 16:25:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:16:10 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.754	152	144908	20.000	ng		0.00
21) Naphthalene-d8	10.531	136	594465	20.000	ng		0.00
39) Acenaphthene-d10	14.389	164	399973	20.000	ng		0.01
64) Phenanthrene-d10	17.189	188	829072	20.000	ng		0.00
76) Chrysene-d12	21.636	240	850069	20.000	ng		0.00
86) Perylene-d12	24.995	264	937177	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.384	112	1076648	119.885	ng		0.00
7) Phenol-d6	6.949	99	1441118	120.727	ng		0.00
23) Nitrobenzene-d5	8.907	82	1624115	120.514	ng		0.00
42) 2,4,6-Tribromophenol	15.901	330	596882	119.643	ng		0.00
45) 2-Fluorobiphenyl	12.995	172	3440852	114.546	ng		0.00
79) Terphenyl-d14	19.913	244	5375608	113.763	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.308	88	214449	56.894	ng		99
3) Pyridine	3.708	79	608506	58.630	ng		98
4) n-Nitrosodimethylamine	3.614	42	283590	57.906	ng		98
6) Aniline	7.090	93	984589	60.086	ng		99
8) 2-Chlorophenol	7.331	128	593699	60.261	ng		99
9) Benzaldehyde	6.913	77	468269	65.521	ng		98
10) Phenol	6.972	94	761185	60.475	ng		99
11) bis(2-Chloroethyl)ether	7.190	93	594817	58.820	ng		97
12) 1,3-Dichlorobenzene	7.649	146	647387	57.736	ng		98
13) 1,4-Dichlorobenzene	7.790	146	669205	58.590	ng		98
14) 1,2-Dichlorobenzene	8.107	146	645593	58.182	ng		99
15) Benzyl Alcohol	7.996	79	587082	59.518	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.278	45	940663	56.880	ng		100
17) 2-Methylphenol	8.207	107	515294	60.722	ng		99
18) Hexachloroethane	8.825	117	255454	58.553	ng		96
19) n-Nitroso-di-n-propyla...	8.560	70	500512	60.833	ng		99
20) 3+4-Methylphenols	8.531	107	706319	59.431	ng		99
22) Acetophenone	8.578	105	959504	60.398	ng	#	99
24) Nitrobenzene	8.949	77	732954	60.626	ng		98
25) Isophorone	9.472	82	1411439	59.586	ng		100
26) 2-Nitrophenol	9.654	139	341952	63.706	ng		96
27) 2,4-Dimethylphenol	9.713	122	571131	60.651	ng		99
28) bis(2-Chloroethoxy)met...	9.948	93	805869	58.855	ng		100
29) 2,4-Dichlorophenol	10.190	162	583539	62.152	ng		98
30) 1,2,4-Trichlorobenzene	10.396	180	617864	58.392	ng		99
31) Naphthalene	10.578	128	1861226	58.065	ng		99
32) Benzoic acid	9.901	122	457710	65.376	ng		100
33) 4-Chloroaniline	10.690	127	828517	62.014	ng		99
34) Hexachlorobutadiene	10.860	225	402426	59.079	ng		99
35) Caprolactam	11.495	113	213931	59.232	ng		98
36) 4-Chloro-3-methylphenol	11.819	107	672438	60.073	ng		97
37) 2-Methylnaphthalene	12.190	142	1207999	58.676	ng		98
38) 1-Methylnaphthalene	12.407	142	1271354	57.909	ng		99
40) 1,2,4,5-Tetrachloroben...	12.560	216	724963	59.814	ng		100
41) Hexachlorocyclopentadiene	12.537	237	416561	63.104	ng		99
43) 2,4,6-Trichlorophenol	12.807	196	490224	61.525	ng		99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025731.D
Acq On : 11 Sep 2025 13:43
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Quant Time: Sep 11 16:25:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:16:10 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.884	196	548795	61.887	ng		97
46) 1,1'-Biphenyl	13.201	154	1710115	58.250	ng		100
47) 2-Chloronaphthalene	13.248	162	1358189	58.754	ng		99
48) 2-Nitroaniline	13.460	65	481928	62.541	ng		97
49) Acenaphthylene	14.113	152	2244987	58.613	ng		99
50) Dimethylphthalate	13.836	163	1735637	56.838	ng		99
51) 2,6-Dinitrotoluene	13.960	165	395721	61.166	ng		98
52) Acenaphthene	14.454	154	1266404	57.334	ng		100
53) 3-Nitroaniline	14.295	138	428446	62.976	ng		98
54) 2,4-Dinitrophenol	14.513	184	241144	58.695	ng		99
55) Dibenzofuran	14.789	168	2062085	57.280	ng		99
56) 4-Nitrophenol	14.619	139	335924	58.606	ng		94
57) 2,4-Dinitrotoluene	14.760	165	564986	61.363	ng		98
58) Fluorene	15.448	166	1619859	56.587	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.025	232	471644	59.043	ng		100
60) Diethylphthalate	15.225	149	1767001	57.046	ng		100
61) 4-Chlorophenyl-phenyle...	15.442	204	817173	56.642	ng		99
62) 4-Nitroaniline	15.478	138	451315	64.802	ng		97
63) Azobenzene	15.742	77	1761607	58.817	ng		99
65) 4,6-Dinitro-2-methylph...	15.536	198	341390	61.918	ng		97
66) n-Nitrosodiphenylamine	15.660	169	1476982	58.214	ng		99
67) 4-Bromophenyl-phenylether	16.354	248	530862	58.285	ng		97
68) Hexachlorobenzene	16.483	284	586880	57.781	ng		95
69) Atrazine	16.642	200	563586	58.112	ng		97
70) Pentachlorophenol	16.836	266	400840	59.795	ng		100
71) Phenanthrene	17.230	178	2648539	56.316	ng		100
72) Anthracene	17.325	178	2753779	57.710	ng		100
73) Carbazole	17.607	167	2580907	58.177	ng		99
74) Di-n-butylphthalate	18.189	149	3187132	58.542	ng		100
75) Fluoranthene	19.313	202	3216943	57.034	ng		100
77) Benzidine	19.513	184	1473612	60.181	ng		99
78) Pyrene	19.689	202	3334872	58.794	ng		99
80) Butylbenzylphthalate	20.630	149	1497716	60.222	ng		98
81) Benzo(a)anthracene	21.613	228	3391233	58.272	ng		99
82) 3,3'-Dichlorobenzidine	21.530	252	1193448	59.308	ng		99
83) Chrysene	21.677	228	3234610	58.306	ng		100
84) Bis(2-ethylhexyl)phtha...	21.542	149	2185686	60.070	ng		99
85) Di-n-octyl phthalate	22.830	149	3857923	59.606	ng		100
87) Indeno(1,2,3-cd)pyrene	28.824	276	4176186	61.276	ng	#	85
88) Benzo(b)fluoranthene	23.930	252	3417862	59.638	ng		99
89) Benzo(k)fluoranthene	24.007	252	3431342	58.674	ng		100
90) Benzo(a)pyrene	24.848	252	3396800	60.523	ng		99
91) Dibenzo(a,h)anthracene	28.906	278	3396390	60.898	ng		99
92) Benzo(g,h,i)perylene	30.012	276	3366014	61.370	ng		99

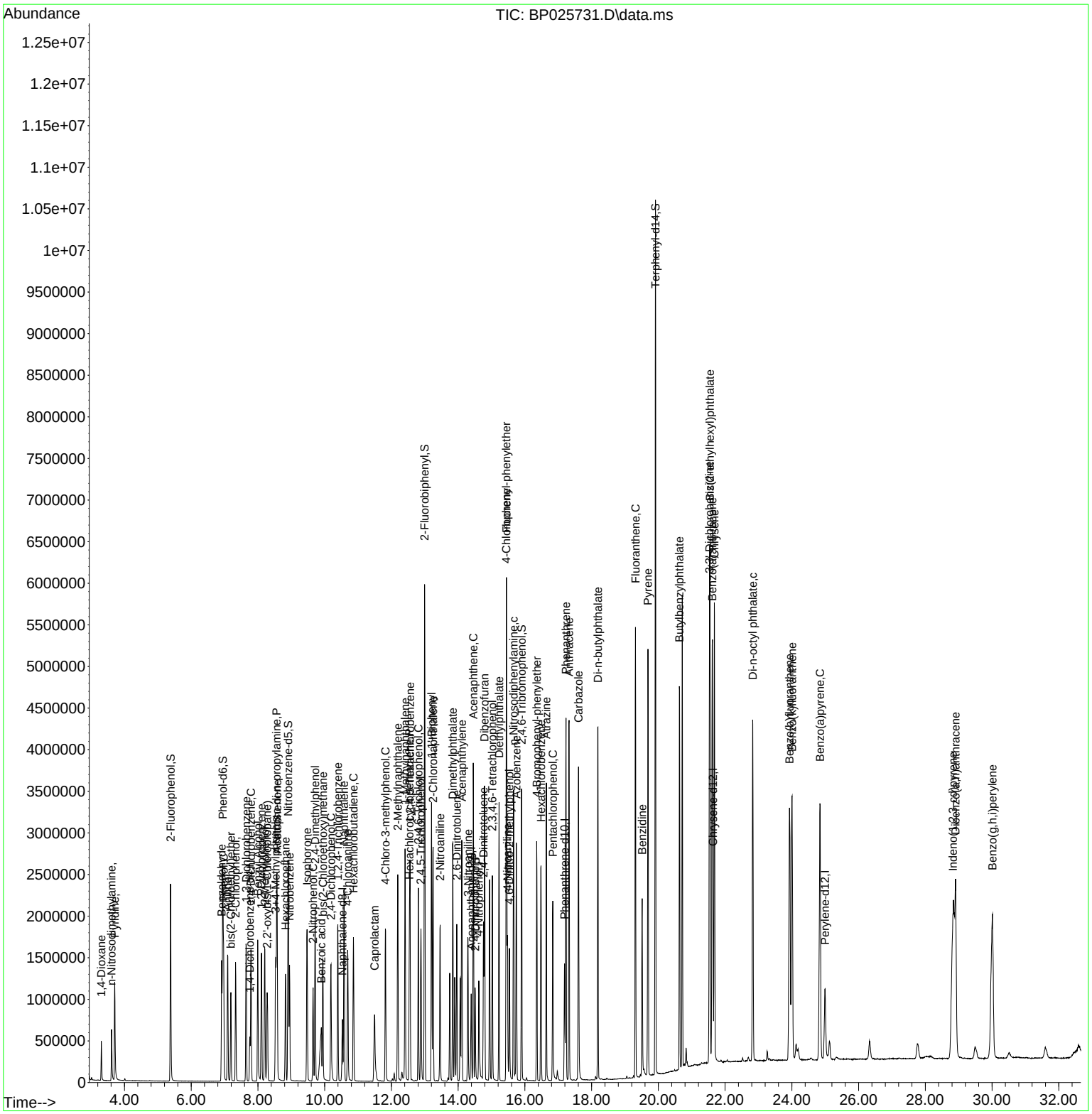
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025731.D
Acq On : 11 Sep 2025 13:43
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Quant Time: Sep 11 16:25:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:16:10 2025
Response via : Initial Calibration



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025732.D
Acq On : 11 Sep 2025 14:24
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Quant Time: Sep 11 16:26:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:16:10 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.761	152	156685	20.000	ng		0.00
21) Naphthalene-d8	10.531	136	657507	20.000	ng		0.00
39) Acenaphthene-d10	14.384	164	457251	20.000	ng		0.00
64) Phenanthrene-d10	17.189	188	963896	20.000	ng		0.00
76) Chrysene-d12	21.642	240	964091	20.000	ng		0.00
86) Perylene-d12	24.995	264	1072676	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.384	112	1519863	156.516	ng		0.00
7) Phenol-d6	6.949	99	2060064	159.607	ng		0.00
23) Nitrobenzene-d5	8.908	82	2312828	155.163	ng		0.00
42) 2,4,6-Tribromophenol	15.901	330	901504	158.067	ng		0.00
45) 2-Fluorobiphenyl	12.996	172	4820104	140.360	ng		0.00
79) Terphenyl-d14	19.913	244	7841805	146.328	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.308	88	293942	72.123	ng		100
3) Pyridine	3.708	79	864675	77.049	ng		97
4) n-Nitrosodimethylamine	3.614	42	406094	76.687	ng		100
6) Aniline	7.096	93	1418325	80.049	ng		99
8) 2-Chlorophenol	7.337	128	852861	80.059	ng		99
9) Benzaldehyde	6.914	77	614881	79.569	ng		100
10) Phenol	6.972	94	1090983	80.162	ng		99
11) bis(2-Chloroethyl)ether	7.190	93	855627	78.251	ng		98
12) 1,3-Dichlorobenzene	7.649	146	917305	75.659	ng		97
13) 1,4-Dichlorobenzene	7.796	146	935253	75.728	ng		99
14) 1,2-Dichlorobenzene	8.108	146	905715	75.489	ng		99
15) Benzyl Alcohol	8.002	79	865116	81.113	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.278	45	1365629	76.370	ng		99
17) 2-Methylphenol	8.208	107	747211	81.433	ng		100
18) Hexachloroethane	8.825	117	362679	76.881	ng		96
19) n-Nitroso-di-n-propyla...	8.560	70	721517	81.103	ng		99
20) 3+4-Methylphenols	8.531	107	1023340	79.634	ng		99
22) Acetophenone	8.572	105	1366991	77.798	ng	#	98
24) Nitrobenzene	8.949	77	1052990	78.746	ng		98
25) Isophorone	9.484	82	2070061	79.012	ng		100
26) 2-Nitrophenol	9.649	139	504228	84.931	ng		96
27) 2,4-Dimethylphenol	9.713	122	842469	80.887	ng		99
28) bis(2-Chloroethoxy)met...	9.937	93	1190837	78.631	ng		99
29) 2,4-Dichlorophenol	10.190	162	850329	81.883	ng		99
30) 1,2,4-Trichlorobenzene	10.390	180	902735	77.134	ng		99
31) Naphthalene	10.578	128	2657135	74.948	ng		99
32) Benzoic acid	9.925	122	680741	87.910	ng		98
33) 4-Chloroaniline	10.684	127	1237939	83.774	ng		98
34) Hexachlorobutadiene	10.866	225	571616	75.871	ng		100
35) Caprolactam	11.513	113	324639	81.266	ng		96
36) 4-Chloro-3-methylphenol	11.825	107	998570	80.654	ng		96
37) 2-Methylnaphthalene	12.190	142	1750889	76.891	ng		99
38) 1-Methylnaphthalene	12.407	142	1849786	76.178	ng		99
40) 1,2,4,5-Tetrachloroben...	12.554	216	1039713	75.038	ng		100
41) Hexachlorocyclopentadiene	12.537	237	641317	84.983	ng		98
43) 2,4,6-Trichlorophenol	12.807	196	725824	79.683	ng		99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025732.D
Acq On : 11 Sep 2025 14:24
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Quant Time: Sep 11 16:26:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:16:10 2025
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	12.884	196	806956	79.601	ng		97
46)	1,1'-Biphenyl	13.201	154	2497929	74.426	ng		100
47)	2-Chloronaphthalene	13.243	162	1962349	74.255	ng		98
48)	2-Nitroaniline	13.454	65	733091	83.218	ng		97
49)	Acenaphthylene	14.107	152	3311359	75.625	ng		99
50)	Dimethylphthalate	13.843	163	2615037	74.909	ng		99
51)	2,6-Dinitrotoluene	13.954	165	580821	78.530	ng		100
52)	Acenaphthene	14.443	154	1846398	73.121	ng		100
53)	3-Nitroaniline	14.290	138	649230	83.474	ng		100
54)	2,4-Dinitrophenol	14.507	184	382175	79.506	ng		93
55)	Dibenzofuran	14.790	168	2999483	72.882	ng		99
56)	4-Nitrophenol	14.625	139	527475	78.823	ng		98
57)	2,4-Dinitrotoluene	14.760	165	853243	81.062	ng		98
58)	Fluorene	15.454	166	2363617	72.225	ng		100
59)	2,3,4,6-Tetrachlorophenol	15.019	232	722846	79.155	ng		98
60)	Diethylphthalate	15.225	149	2678679	75.646	ng		100
61)	4-Chlorophenyl-phenyle...	15.442	204	1190470	72.181	ng		97
62)	4-Nitroaniline	15.472	138	667122	83.790	ng		99
63)	Azobenzene	15.742	77	2578205	75.299	ng		99
65)	4,6-Dinitro-2-methylph...	15.542	198	537070	83.783	ng		97
66)	n-Nitrosodiphenylamine	15.666	169	2109969	71.530	ng		100
67)	4-Bromophenyl-phenylether	16.354	248	792238	74.816	ng		97
68)	Hexachlorobenzene	16.478	284	892102	75.546	ng		96
69)	Atrazine	16.648	200	876809	77.763	ng		99
70)	Pentachlorophenol	16.837	266	629802	80.808	ng		98
71)	Phenanthrene	17.236	178	3960390	72.431	ng		100
72)	Anthracene	17.331	178	4027019	72.588	ng		100
73)	Carbazole	17.607	167	3852545	74.694	ng		99
74)	Di-n-butylphthalate	18.195	149	4705330	74.340	ng		100
75)	Fluoranthene	19.325	202	4786922	72.998	ng		100
77)	Benzidine	19.519	184	2065703	74.384	ng		100
78)	Pyrene	19.701	202	4911699	76.353	ng		100
80)	Butylbenzylphthalate	20.642	149	2268963	80.443	ng		98
81)	Benzo(a)anthracene	21.619	228	5031313	76.229	ng		100
82)	3,3'-Dichlorobenzidine	21.536	252	1705366	74.725	ng		99
83)	Chrysene	21.689	228	4667905	74.190	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.542	149	3154011	76.431	ng		100
85)	Di-n-octyl phthalate	22.824	149	5799888	79.012	ng		100
87)	Indeno(1,2,3-cd)pyrene	28.848	276	5948880	76.261	ng	#	84
88)	Benzo(b)fluoranthene	23.936	252	5088293	77.570	ng		99
89)	Benzo(k)fluoranthene	24.013	252	4938760	73.783	ng		99
90)	Benzo(a)pyrene	24.842	252	4896947	76.231	ng		99
91)	Dibenzo(a,h)anthracene	28.918	278	4903653	76.817	ng		98
92)	Benzo(g,h,i)perylene	30.036	276	4826771	76.886	ng		99

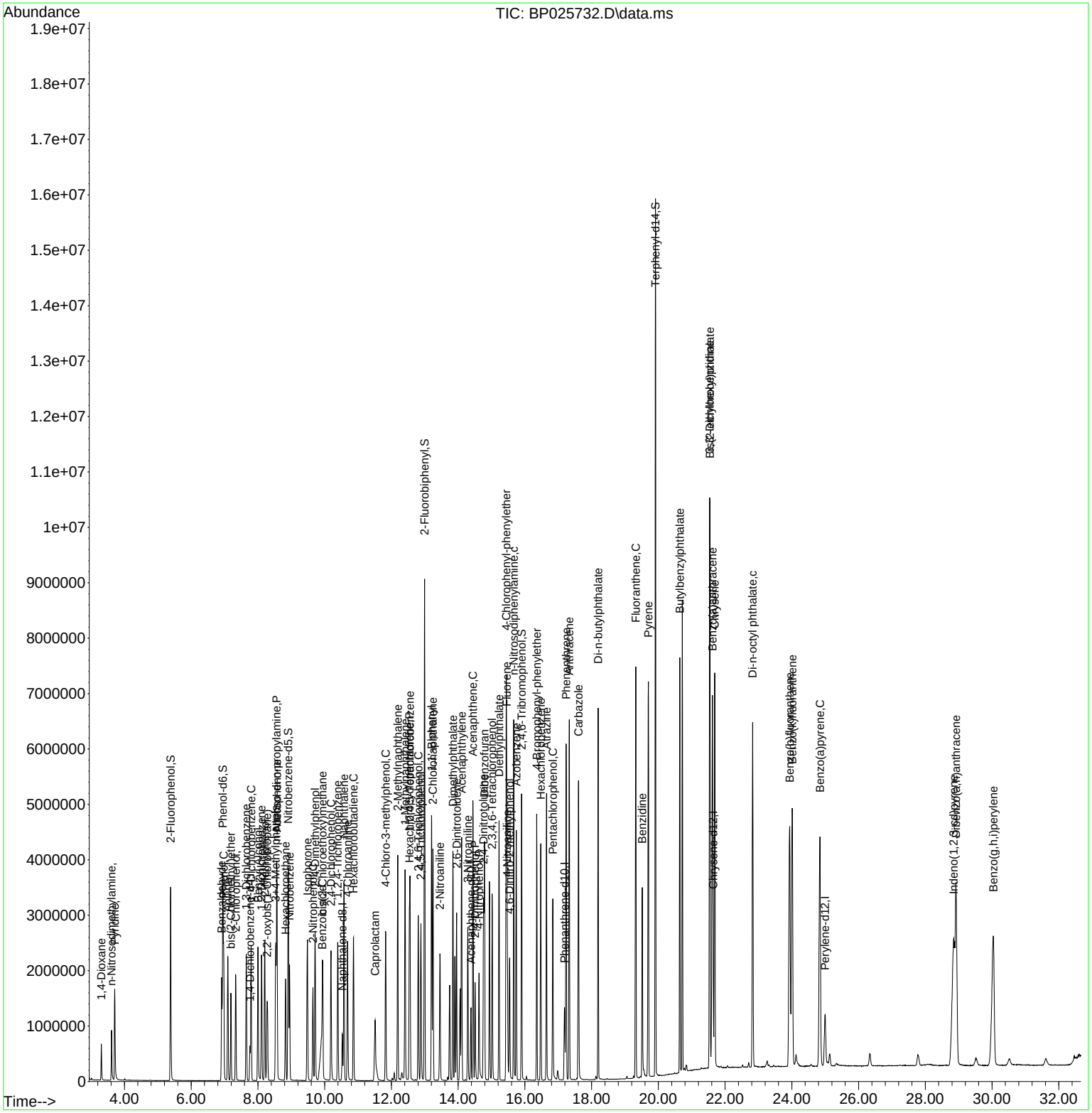
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025732.D
Acq On : 11 Sep 2025 14:24
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Quant Time: Sep 11 16:26:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:16:10 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025733.D
Acq On : 11 Sep 2025 15:20
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

Quant Time: Sep 11 16:27:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:16:10 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.719	152	132227	20.000	ng		-0.04
21) Naphthalene-d8	10.507	136	558379	20.000	ng		-0.02
39) Acenaphthene-d10	14.372	164	384529	20.000	ng		0.00
64) Phenanthrene-d10	17.178	188	764105	20.000	ng		0.00
76) Chrysene-d12	21.636	240	796095	20.000	ng		0.00
86) Perylene-d12	24.995	264	864239	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.343	112	847611	103.433	ng		-0.04
7) Phenol-d6	6.913	99	1140979	104.750	ng		-0.04
23) Nitrobenzene-d5	8.878	82	1303272	102.956	ng		-0.02
42) 2,4,6-Tribromophenol	15.895	330	480931	100.273	ng		-0.01
45) 2-Fluorobiphenyl	12.984	172	2843494	98.461	ng		0.00
79) Terphenyl-d14	19.907	244	4423580	99.962	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.290	88	169936	49.409	ng		99
3) Pyridine	3.684	79	483875	51.092	ng		98
4) n-Nitrosodimethylamine	3.590	42	224792	50.302	ng		100
6) Aniline	7.060	93	784152	52.443	ng		99
8) 2-Chlorophenol	7.296	128	466182	51.856	ng		100
9) Benzaldehyde	6.878	77	398852m	61.160	ng		
10) Phenol	6.937	94	601415	52.364	ng		98
11) bis(2-Chloroethyl)ether	7.155	93	475247	51.503	ng		97
12) 1,3-Dichlorobenzene	7.613	146	511619	50.003	ng		97
13) 1,4-Dichlorobenzene	7.760	146	525685	50.438	ng		100
14) 1,2-Dichlorobenzene	8.072	146	509835	50.354	ng		99
15) Benzyl Alcohol	7.960	79	466422	51.821	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.249	45	757264	50.182	ng		99
17) 2-Methylphenol	8.172	107	406974	52.557	ng		99
18) Hexachloroethane	8.796	117	201387	50.587	ng		96
19) n-Nitroso-di-n-propyla...	8.525	70	406549	54.152	ng		99
20) 3+4-Methylphenols	8.502	107	559714	51.612	ng		99
22) Acetophenone	8.543	105	767098	51.407	ng	#	98
24) Nitrobenzene	8.919	77	583136	51.351	ng		98
25) Isophorone	9.443	82	1138308	51.161	ng		100
26) 2-Nitrophenol	9.625	139	269275	53.408	ng		98
27) 2,4-Dimethylphenol	9.690	122	456881	51.654	ng		98
28) bis(2-Chloroethoxy)met...	9.919	93	661544	51.437	ng		99
29) 2,4-Dichlorophenol	10.160	162	470034	53.298	ng		99
30) 1,2,4-Trichlorobenzene	10.366	180	498270	50.132	ng		99
31) Naphthalene	10.560	128	1513087	50.255	ng		100
32) Benzoic acid	9.866	122	353386	53.738	ng		99
33) 4-Chloroaniline	10.672	127	666499	53.111	ng		99
34) Hexachlorobutadiene	10.837	225	316676	49.495	ng		99
35) Caprolactam	11.466	113	172043	50.713	ng		99
36) 4-Chloro-3-methylphenol	11.801	107	549567	52.269	ng		96
37) 2-Methylnaphthalene	12.172	142	974364	50.386	ng		99
38) 1-Methylnaphthalene	12.390	142	1019849	49.456	ng		98
40) 1,2,4,5-Tetrachloroben...	12.543	216	583660	50.090	ng		100
41) Hexachlorocyclopentadiene	12.525	237	337711	53.214	ng		99
43) 2,4,6-Trichlorophenol	12.790	196	393647	51.389	ng		99

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025733.D
Acq On : 11 Sep 2025 15:20
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

Quant Time: Sep 11 16:27:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:16:10 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.866	196	441307	51.765	ng		98
46) 1,1'-Biphenyl	13.190	154	1408553	49.905	ng		99
47) 2-Chloronaphthalene	13.237	162	1118909	50.347	ng		99
48) 2-Nitroaniline	13.448	65	383740	51.799	ng		94
49) Acenaphthylene	14.095	152	1830164	49.702	ng		100
50) Dimethylphthalate	13.831	163	1435428	48.895	ng		100
51) 2,6-Dinitrotoluene	13.948	165	316613	50.904	ng		98
52) Acenaphthene	14.442	154	1042525	49.094	ng		99
53) 3-Nitroaniline	14.284	138	343785	52.561	ng		96
54) 2,4-Dinitrophenol	14.507	184	193294	49.740	ng		96
55) Dibenzofuran	14.784	168	1697428	49.045	ng		98
56) 4-Nitrophenol	14.613	139	261984	48.388	ng		99
57) 2,4-Dinitrotoluene	14.748	165	465265	52.562	ng		95
58) Fluorene	15.436	166	1331644	48.387	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.013	232	388785	50.625	ng		100
60) Diethylphthalate	15.219	149	1459705	49.018	ng		99
61) 4-Chlorophenyl-phenyle...	15.436	204	676706	48.790	ng		99
62) 4-Nitroaniline	15.472	138	358915	53.605	ng		99
63) Azobenzene	15.731	77	1452024	50.428	ng		99
65) 4,6-Dinitro-2-methylph...	15.531	198	272418	53.609	ng		98
66) n-Nitrosodiphenylamine	15.654	169	1199673	51.304	ng		100
67) 4-Bromophenyl-phenylether	16.354	248	431960	51.458	ng		99
68) Hexachlorobenzene	16.472	284	474297	50.667	ng		96
69) Atrazine	16.636	200	458144	51.256	ng		97
70) Pentachlorophenol	16.825	266	318100	51.487	ng		98
71) Phenanthrene	17.219	178	2161060	49.858	ng		100
72) Anthracene	17.325	178	2260277	51.395	ng		100
73) Carbazole	17.595	167	2110925	51.629	ng		100
74) Di-n-butylphthalate	18.189	149	2558689	50.995	ng		100
75) Fluoranthene	19.313	202	2580366	49.638	ng		100
77) Benzidine	19.513	184	1255790	54.762	ng		100
78) Pyrene	19.695	202	2660397	50.083	ng		99
80) Butylbenzylphthalate	20.636	149	1209410	51.926	ng		100
81) Benzo(a)anthracene	21.613	228	2742275	50.315	ng		99
82) 3,3'-Dichlorobenzidine	21.536	252	971634	51.559	ng		99
83) Chrysene	21.683	228	2620241	50.434	ng		100
84) Bis(2-ethylhexyl)phtha...	21.542	149	1714419	50.312	ng		99
85) Di-n-octyl phthalate	22.824	149	3047268	50.273	ng		100
87) Indeno(1,2,3-cd)pyrene	28.836	276	3254187	51.778	ng	#	85
88) Benzo(b)fluoranthene	23.942	252	2704281	51.169	ng		99
89) Benzo(k)fluoranthene	24.007	252	2718438	50.407	ng		100
90) Benzo(a)pyrene	24.848	252	2637187	50.954	ng		99
91) Dibenzo(a,h)anthracene	28.900	278	2677885	52.067	ng		98
92) Benzo(g,h,i)perylene	30.024	276	2614577	51.692	ng		98

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

ICAL Form

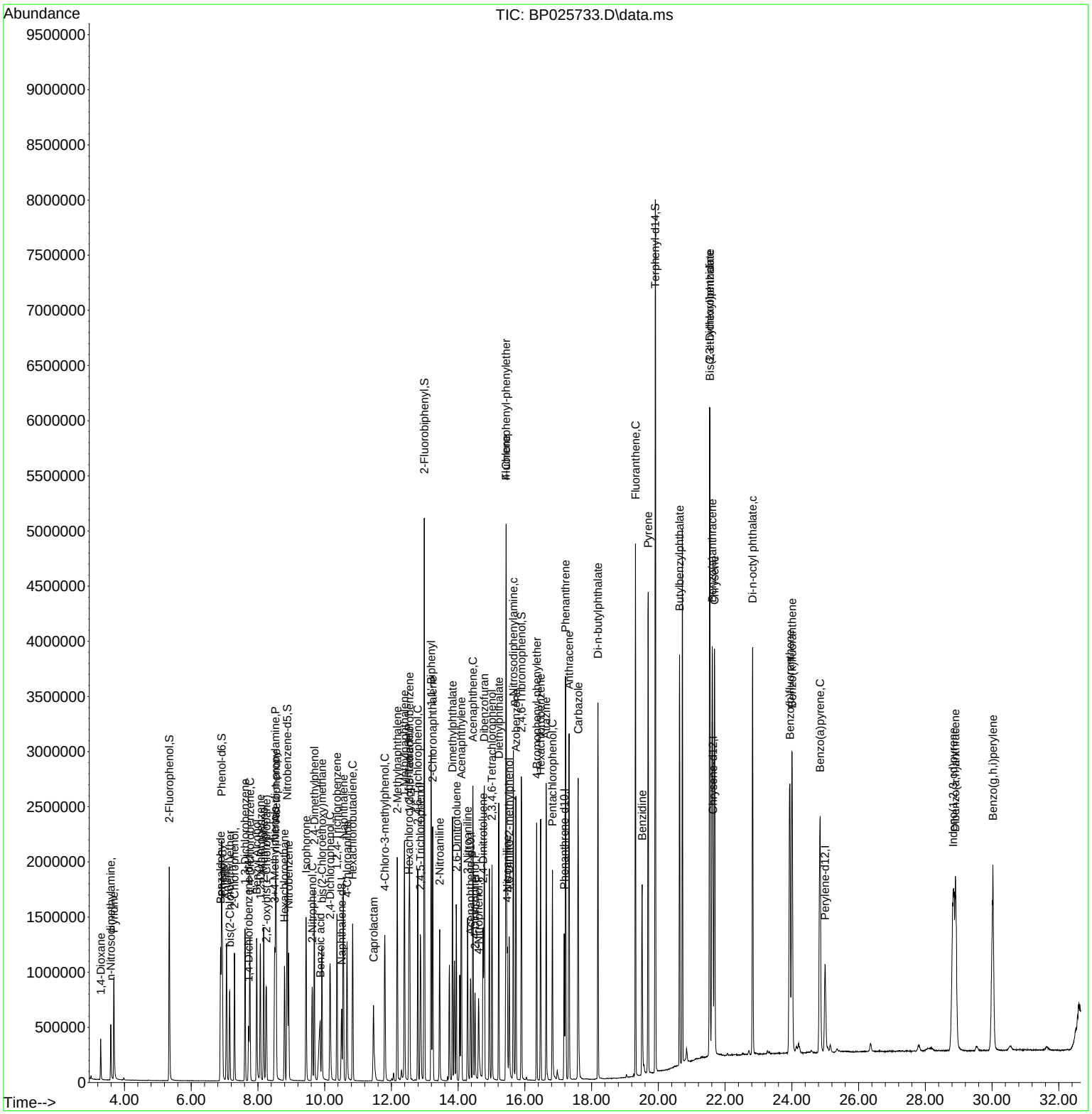
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025733.D
Acq On : 11 Sep 2025 15:20
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 11 16:27:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:16:10 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025734.D
Acq On : 11 Sep 2025 16:54
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP091225

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

Quant Time: Sep 11 17:15:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.754	152	124267	20.000	ng		0.00
21) Naphthalene-d8	10.525	136	536934	20.000	ng		0.00
39) Acenaphthene-d10	14.378	164	375383	20.000	ng		0.00
64) Phenanthrene-d10	17.183	188	771844	20.000	ng		0.00
76) Chrysene-d12	21.636	240	780297	20.000	ng		0.00
86) Perylene-d12	25.006	264	833580	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.372	112	602093	78.179	ng		-0.01
7) Phenol-d6	6.937	99	816056	79.719	ng		-0.01
23) Nitrobenzene-d5	8.895	82	840657	69.063	ng		0.00
42) 2,4,6-Tribromophenol	15.895	330	359192	76.715	ng		-0.01
45) 2-Fluorobiphenyl	12.989	172	1948137	69.102	ng		0.00
79) Terphenyl-d14	19.913	244	3054578	70.424	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.302	88	122286	37.832	ng		97
3) Pyridine	3.702	79	354452	39.824	ng		98
4) n-Nitrosodimethylamine	3.608	42	165978	39.520	ng		97
6) Aniline	7.084	93	582343	41.441	ng		99
8) 2-Chlorophenol	7.325	128	347453	41.125	ng		99
9) Benzaldehyde	6.907	77	259870m	42.354	ng		
10) Phenol	6.966	94	446406	41.357	ng		99
11) bis(2-Chloroethyl)ether	7.178	93	354776	40.910	ng		97
12) 1,3-Dichlorobenzene	7.643	146	388972	40.451	ng		99
13) 1,4-Dichlorobenzene	7.784	146	395520	40.380	ng		99
14) 1,2-Dichlorobenzene	8.101	146	380347	39.971	ng		98
15) Benzyl Alcohol	7.990	79	350290	41.411	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.266	45	582311	41.060	ng		100
17) 2-Methylphenol	8.196	107	307102	42.200	ng		99
18) Hexachloroethane	8.819	117	151554	40.508	ng		97
19) n-Nitroso-di-n-propyla...	8.548	70	312448	43.761	ng		99
20) 3+4-Methylphenols	8.519	107	419059	41.117	ng		99
22) Acetophenone	8.566	105	589415	41.077	ng	#	99
24) Nitrobenzene	8.937	77	442005	40.477	ng		98
25) Isophorone	9.466	82	867997	40.570	ng		99
26) 2-Nitrophenol	9.643	139	203715	42.019	ng		98
27) 2,4-Dimethylphenol	9.707	122	353536	41.566	ng		100
28) bis(2-Chloroethoxy)met...	9.931	93	506887	40.986	ng		100
29) 2,4-Dichlorophenol	10.184	162	351168	41.410	ng		99
30) 1,2,4-Trichlorobenzene	10.390	180	377799	39.530	ng		97
31) Naphthalene	10.572	128	1147015	39.618	ng		100
32) Benzoic acid	9.866	122	261084	41.287	ng		99
33) 4-Chloroaniline	10.690	127	511290	42.370	ng		99
34) Hexachlorobutadiene	10.854	225	240927	39.159	ng		100
35) Caprolactam	11.478	113	129656	39.662	ng		97
36) 4-Chloro-3-methylphenol	11.819	107	414385	40.986	ng		96
37) 2-Methylnaphthalene	12.184	142	751182	40.396	ng		98
38) 1-Methylnaphthalene	12.401	142	804402	40.566	ng		100
40) 1,2,4,5-Tetrachloroben...	12.554	216	455659	40.058	ng		100
41) Hexachlorocyclopentadiene	12.531	237	251065	40.525	ng		99
43) 2,4,6-Trichlorophenol	12.801	196	311792	41.695	ng		98

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025734.D
Acq On : 11 Sep 2025 16:54
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP091225

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025

Quant Time: Sep 11 17:15:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.878	196	335762	40.344	ng		98
46) 1,1'-Biphenyl	13.201	154	1121205	40.692	ng		100
47) 2-Chloronaphthalene	13.242	162	849751	39.167	ng		99
48) 2-Nitroaniline	13.454	65	296601	41.012	ng		99
49) Acenaphthylene	14.101	152	1431405	39.820	ng		100
50) Dimethylphthalate	13.836	163	1131460	39.480	ng		100
51) 2,6-Dinitrotoluene	13.948	165	245080	40.363	ng		98
52) Acenaphthene	14.454	154	808647	39.008	ng		99
53) 3-Nitroaniline	14.289	138	260323	40.770	ng		99
54) 2,4-Dinitrophenol	14.513	184	139609	38.055	ng		98
55) Dibenzofuran	14.783	168	1329616	39.353	ng		99
56) 4-Nitrophenol	14.619	139	192803	37.582	ng		96
57) 2,4-Dinitrotoluene	14.754	165	353669	40.928	ng		96
58) Fluorene	15.442	166	1043250	38.831	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.019	232	297719	39.712	ng		100
60) Diethylphthalate	15.219	149	1163950	40.039	ng		100
61) 4-Chlorophenyl-phenyle...	15.436	204	536069	39.592	ng		97
62) 4-Nitroaniline	15.466	138	272817	41.707	ng		99
63) Azobenzene	15.736	77	1114737	39.657	ng		99
65) 4,6-Dinitro-2-methylph...	15.536	198	204888	39.916	ng		97
66) n-Nitrosodiphenylamine	15.660	169	939618	39.780	ng		100
67) 4-Bromophenyl-phenylether	16.354	248	339813	40.075	ng		97
68) Hexachlorobenzene	16.472	284	375085	39.667	ng		97
69) Atrazine	16.642	200	364755	40.399	ng		99
70) Pentachlorophenol	16.836	266	248287	39.784	ng		99
71) Phenanthrene	17.224	178	1716732	39.210	ng		99
72) Anthracene	17.319	178	1778123	40.026	ng		100
73) Carbazole	17.601	167	1614641	39.095	ng		100
74) Di-n-butylphthalate	18.189	149	2015320	39.763	ng		100
75) Fluoranthene	19.324	202	2020319	38.475	ng		100
77) Benzidine	19.513	184	735659m	32.730	ng		
78) Pyrene	19.701	202	2122125	40.759	ng		99
80) Butylbenzylphthalate	20.636	149	950670	41.644	ng		98
81) Benzo(a)anthracene	21.612	228	2127849	39.832	ng		100
82) 3,3'-Dichlorobenzidine	21.542	252	705014	38.168	ng		99
83) Chrysene	21.689	228	2042185	40.103	ng		99
84) Bis(2-ethylhexyl)phtha...	21.548	149	1354255	40.547	ng		99
85) Di-n-octyl phthalate	22.836	149	2374831	39.973	ng		100
87) Indeno(1,2,3-cd)pyrene	28.836	276	2435714	40.180	ng	#	84
88) Benzo(b)fluoranthene	23.936	252	2038540	39.991	ng		99
89) Benzo(k)fluoranthene	24.006	252	2155908	41.447	ng		99
90) Benzo(a)pyrene	24.842	252	1988484	39.834	ng		99
91) Dibenzo(a,h)anthracene	28.900	278	2021392	40.748	ng		99
92) Benzo(g,h,i)perylene	30.018	276	1934037	39.644	ng		99

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

ICAL Form

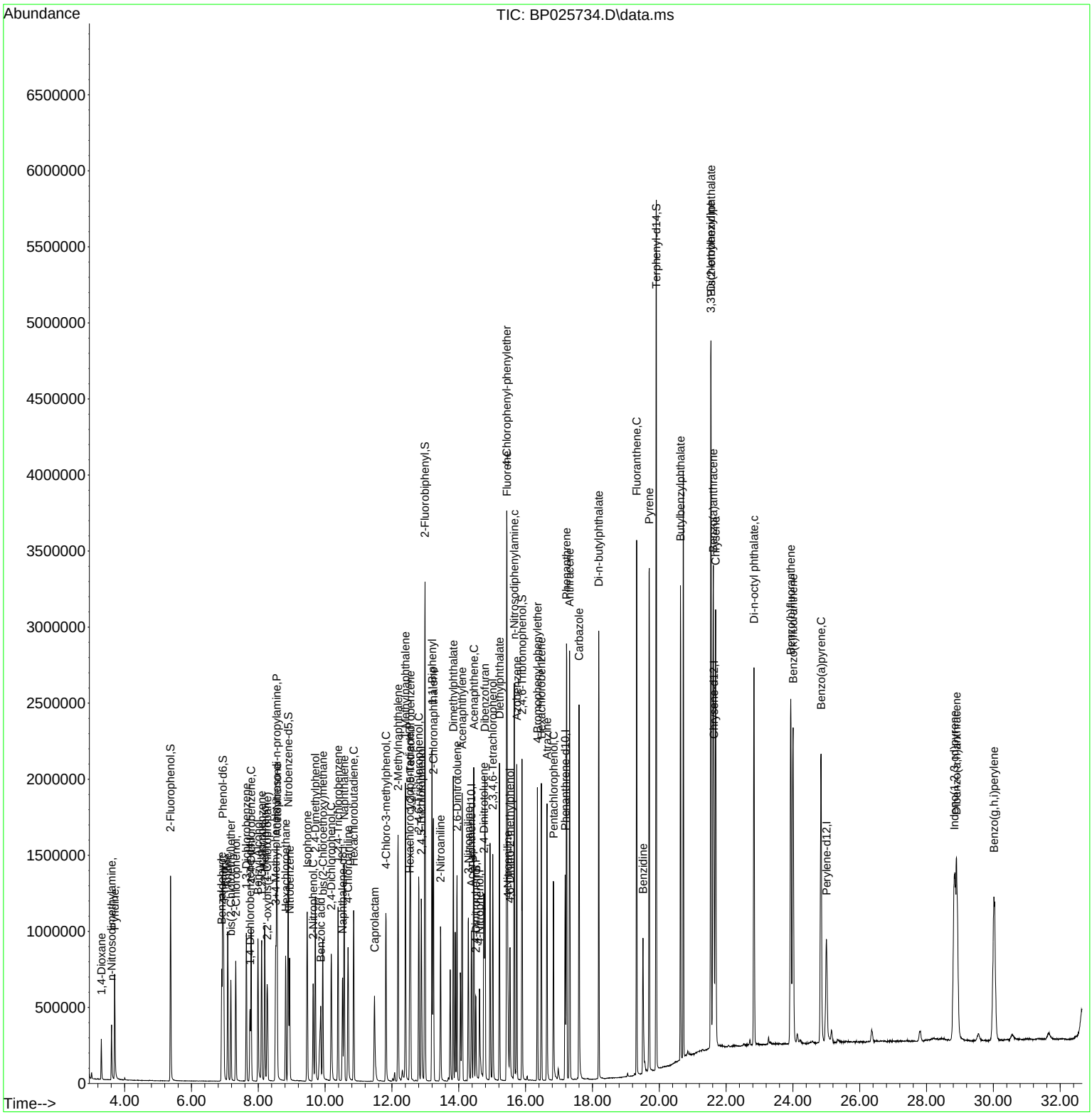
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025734.D
Acq On : 11 Sep 2025 16:54
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 11 17:15:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
ICVBP091225

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/12/2025
Supervised By :Jagrut Upadhyay 09/12/2025



Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025734.D
Acq On : 11 Sep 2025 16:54
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP091225

Quant Time: Sep 11 17:15:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

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	86	0.00
2		1,4-Dioxane	0.520	0.492	5.4	77	0.00
3		Pyridine	1.432	1.426	0.4	78	0.00
4		n-Nitrosodimethylamine	0.676	0.668	1.2	80	0.00
5	S	2-Fluorophenol	1.240	1.211	2.3	76	-0.01
6		Aniline	2.262	2.343	-3.6	80	-0.01
7	S	Phenol-d6	1.648	1.642	0.4	76	-0.01
8		2-Chlorophenol	1.360	1.398	-2.8	80	-0.01
9		Benzaldehyde	0.987	1.046	-6.0	103	0.00
10	C	Phenol	1.737	1.796	-3.4	79	0.00
11		bis(2-Chloroethyl)ether	1.396	1.427	-2.2	79	0.00
12		1,3-Dichlorobenzene	1.548	1.565	-1.1	80	0.00
13	C	1,4-Dichlorobenzene	1.576	1.591	-1.0	81	0.00
14		1,2-Dichlorobenzene	1.531	1.530	0.1	80	0.00
15		Benzyl Alcohol	1.361	1.409	-3.5	80	-0.01
16		2,2'-oxybis(1-Chloropropane	2.282	2.343	-2.7	81	-0.01
17		2-Methylphenol	1.171	1.236	-5.6	80	0.00
18		Hexachloroethane	0.602	0.610	-1.3	81	0.00
19	P	n-Nitroso-di-n-propylamine	1.149	1.257	-9.4	82	0.00
20		3+4-Methylphenols	1.640	1.686	-2.8	80	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	87	0.00
22		Acetophenone	0.534	0.549	-2.8	81	0.00
23	S	Nitrobenzene-d5	0.453	0.391	13.7	69	0.00
24		Nitrobenzene	0.407	0.412	-1.2	80	-0.01
25		Isophorone	0.797	0.808	-1.4	82	0.00
26	C	2-Nitrophenol	0.181	0.190	-5.0	81	0.00
27		2,4-Dimethylphenol	0.317	0.329	-3.8	80	0.00
28		bis(2-Chloroethoxy)methane	0.461	0.472	-2.4	82	-0.01
29	C	2,4-Dichlorophenol	0.316	0.327	-3.5	81	0.00
30		1,2,4-Trichlorobenzene	0.356	0.352	1.1	81	0.00
31		Naphthalene	1.078	1.068	0.9	81	0.00
32		Benzoic acid	0.236	0.243	-3.0	81	-0.01
33		4-Chloroaniline	0.449	0.476	-6.0	81	0.00
34	C	Hexachlorobutadiene	0.229	0.224	2.2	81	0.00
35		Caprolactam	0.122	0.121	0.8	80	0.00
36	C	4-Chloro-3-methylphenol	0.377	0.386	-2.4	81	0.00
37		2-Methylnaphthalene	0.693	0.700	-1.0	81	0.00
38		1-Methylnaphthalene	0.739	0.749	-1.4	81	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	90	0.00
40		1,2,4,5-Tetrachlorobenzene	0.606	0.607	-0.2	83	0.00
41	P	Hexachlorocyclopentadiene	0.330	0.334	-1.2	79	0.00
42	S	2,4,6-Tribromophenol	0.249	0.239	4.0	78	-0.01
43	C	2,4,6-Trichlorophenol	0.398	0.415	-4.3	84	0.00
44		2,4,5-Trichlorophenol	0.443	0.447	-0.9	80	0.00
45	S	2-Fluorobiphenyl	1.502	1.297	13.6	73	0.00
46		1,1'-Biphenyl	1.468	1.493	-1.7	84	0.00
47		2-Chloronaphthalene	1.156	1.132	2.1	82	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025734.D
Acq On : 11 Sep 2025 16:54
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP091225

Quant Time: Sep 11 17:15:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

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	0.385	0.395	-2.6	81	0.00
49		Acenaphthylene	1.915	1.907	0.4	83	0.00
50		Dimethylphthalate	1.527	1.507	1.3	82	0.00
51		2,6-Dinitrotoluene	0.324	0.326	-0.6	82	0.00
52	C	Acenaphthene	1.104	1.077	2.4	81	0.00
53		3-Nitroaniline	0.340	0.347	-2.1	79	0.00
54	P	2,4-Dinitrophenol	0.183	0.186	-1.6	80	0.00
55		Dibenzofuran	1.800	1.771	1.6	83	0.00
56	P	4-Nitrophenol	0.258	0.257	0.4	75	0.00
57		2,4-Dinitrotoluene	0.460	0.471	-2.4	81	0.00
58		Fluorene	1.431	1.390	2.9	81	-0.01
59		2,3,4,6-Tetrachlorophenol	0.399	0.397	0.5	80	0.00
60		Diethylphthalate	1.549	1.550	-0.1	85	0.00
61		4-Chlorophenyl-phenylether	0.721	0.714	1.0	83	0.00
62		4-Nitroaniline	0.349	0.363	-4.0	81	-0.01
63		Azobenzene	1.498	1.485	0.9	81	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	89	0.00
65		4,6-Dinitro-2-methylphenol	0.133	0.133	0.0	78	0.00
66	c	n-Nitrosodiphenylamine	0.612	0.609	0.5	81	0.00
67		4-Bromophenyl-phenylether	0.220	0.220	0.0	82	0.00
68		Hexachlorobenzene	0.245	0.243	0.8	83	0.00
69		Atrazine	0.234	0.236	-0.9	81	0.00
70	C	Pentachlorophenol	0.162	0.161	0.6	80	0.00
71		Phenanthrene	1.135	1.112	2.0	81	0.00
72		Anthracene	1.151	1.152	-0.1	83	0.00
73		Carbazole	1.070	1.046	2.2	79	0.00
74		Di-n-butylphthalate	1.313	1.306	0.5	81	0.00
75	C	Fluoranthene	1.361	1.309	3.8	80	0.01
76	I	Chrysene-d12	1.000	1.000	0.0	84	0.00
77		Benzidine	0.576	0.471	18.2	61	0.00
78		Pyrene	1.335	1.360	-1.9	80	0.01
79	S	Terphenyl-d14	1.112	0.979	12.0	70	0.00
80		Butylbenzylphthalate	0.585	0.609	-4.1	79	0.00
81		Benzo(a)anthracene	1.369	1.363	0.4	79	0.00
82		3,3'-Dichlorobenzidine	0.473	0.452	4.4	73	0.00
83		Chrysene	1.305	1.309	-0.3	80	0.00
84		Bis(2-ethylhexyl)phthalate	0.856	0.868	-1.4	77	0.00
85	c	Di-n-octyl phthalate	1.523	1.522	0.1	77	0.00
86	I	Perylene-d12	1.000	1.000	0.0	83	0.00
87		Indeno(1,2,3-cd)pyrene	1.454	1.461	-0.5	76	0.00
88		Benzo(b)fluoranthene	1.223	1.223	0.0	76	0.00
89		Benzo(k)fluoranthene	1.248	1.293	-3.6	80	0.00
90	C	Benzo(a)pyrene	1.198	1.193	0.4	76	0.00
91		Dibenzo(a,h)anthracene	1.190	1.212	-1.8	78	-0.02
92		Benzo(g,h,i)perylene	1.170	1.160	0.9	76	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025734.D
Acq On : 11 Sep 2025 16:54
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP091225

Quant Time: Sep 11 17:15:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

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

Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025734.D
Acq On : 11 Sep 2025 16:54
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP091225

Quant Time: Sep 11 17:15:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

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	86	0.00
2		1,4-Dioxane	40.000	37.832	5.4	77	0.00
3		Pyridine	40.000	39.824	0.4	78	0.00
4		n-Nitrosodimethylamine	40.000	39.520	1.2	80	0.00
5	S	2-Fluorophenol	80.000	78.179	2.3	76	-0.01
6		Aniline	40.000	41.441	-3.6	80	-0.01
7	S	Phenol-d6	80.000	79.719	0.4	76	-0.01
8		2-Chlorophenol	40.000	41.125	-2.8	80	-0.01
9		Benzaldehyde	40.000	42.354	-5.9	103	0.00
10	C	Phenol	40.000	41.357	-3.4	79	0.00
11		bis(2-Chloroethyl)ether	40.000	40.910	-2.3	79	0.00
12		1,3-Dichlorobenzene	40.000	40.451	-1.1	80	0.00
13	C	1,4-Dichlorobenzene	40.000	40.380	-1.0	81	0.00
14		1,2-Dichlorobenzene	40.000	39.971	0.1	80	0.00
15		Benzyl Alcohol	40.000	41.411	-3.5	80	-0.01
16		2,2'-oxybis(1-Chloropropane	40.000	41.060	-2.7	81	-0.01
17		2-Methylphenol	40.000	42.200	-5.5	80	0.00
18		Hexachloroethane	40.000	40.508	-1.3	81	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	43.761	-9.4	82	0.00
20		3+4-Methylphenols	40.000	41.117	-2.8	80	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	87	0.00
22		Acetophenone	40.000	41.077	-2.7	81	0.00
23	S	Nitrobenzene-d5	80.000	69.063	13.7	69	0.00
24		Nitrobenzene	40.000	40.477	-1.2	80	-0.01
25		Isophorone	40.000	40.570	-1.4	82	0.00
26	C	2-Nitrophenol	40.000	42.019	-5.0	81	0.00
27		2,4-Dimethylphenol	40.000	41.566	-3.9	80	0.00
28		bis(2-Chloroethoxy)methane	40.000	40.986	-2.5	82	-0.01
29	C	2,4-Dichlorophenol	40.000	41.410	-3.5	81	0.00
30		1,2,4-Trichlorobenzene	40.000	39.530	1.2	81	0.00
31		Naphthalene	40.000	39.618	1.0	81	0.00
32		Benzoic acid	40.000	41.287	-3.2	81	-0.01
33		4-Chloroaniline	40.000	42.370	-5.9	81	0.00
34	C	Hexachlorobutadiene	40.000	39.159	2.1	81	0.00
35		Caprolactam	40.000	39.662	0.8	80	0.00
36	C	4-Chloro-3-methylphenol	40.000	40.986	-2.5	81	0.00
37		2-Methylnaphthalene	40.000	40.396	-1.0	81	0.00
38		1-Methylnaphthalene	40.000	40.566	-1.4	81	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	90	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	40.058	-0.1	83	0.00
41	P	Hexachlorocyclopentadiene	40.000	40.525	-1.3	79	0.00
42	S	2,4,6-Tribromophenol	80.000	76.715	4.1	78	-0.01
43	C	2,4,6-Trichlorophenol	40.000	41.695	-4.2	84	0.00
44		2,4,5-Trichlorophenol	40.000	40.344	-0.9	80	0.00
45	S	2-Fluorobiphenyl	80.000	69.102	13.6	73	0.00
46		1,1'-Biphenyl	40.000	40.692	-1.7	84	0.00
47		2-Chloronaphthalene	40.000	39.167	2.1	82	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025734.D
Acq On : 11 Sep 2025 16:54
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP091225

Quant Time: Sep 11 17:15:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

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	41.012	-2.5	81	0.00
49		Acenaphthylene	40.000	39.820	0.4	83	0.00
50		Dimethylphthalate	40.000	39.480	1.3	82	0.00
51		2,6-Dinitrotoluene	40.000	40.363	-0.9	82	0.00
52	C	Acenaphthene	40.000	39.008	2.5	81	0.00
53		3-Nitroaniline	40.000	40.770	-1.9	79	0.00
54	P	2,4-Dinitrophenol	40.000	38.055	4.9	80	0.00
55		Dibenzofuran	40.000	39.353	1.6	83	0.00
56	P	4-Nitrophenol	40.000	37.582	6.0	75	0.00
57		2,4-Dinitrotoluene	40.000	40.928	-2.3	81	0.00
58		Fluorene	40.000	38.831	2.9	81	-0.01
59		2,3,4,6-Tetrachlorophenol	40.000	39.712	0.7	80	0.00
60		Diethylphthalate	40.000	40.039	-0.1	85	0.00
61		4-Chlorophenyl-phenylether	40.000	39.592	1.0	83	0.00
62		4-Nitroaniline	40.000	41.707	-4.3	81	-0.01
63		Azobenzene	40.000	39.657	0.9	81	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	89	0.00
65		4,6-Dinitro-2-methylphenol	40.000	39.916	0.2	78	0.00
66	c	n-Nitrosodiphenylamine	40.000	39.780	0.5	81	0.00
67		4-Bromophenyl-phenylether	40.000	40.075	-0.2	82	0.00
68		Hexachlorobenzene	40.000	39.667	0.8	83	0.00
69		Atrazine	40.000	40.399	-1.0	81	0.00
70	C	Pentachlorophenol	40.000	39.784	0.5	80	0.00
71		Phenanthrene	40.000	39.210	2.0	81	0.00
72		Anthracene	40.000	40.026	-0.1	83	0.00
73		Carbazole	40.000	39.095	2.3	79	0.00
74		Di-n-butylphthalate	40.000	39.763	0.6	81	0.00
75	C	Fluoranthene	40.000	38.475	3.8	80	0.01
76	I	Chrysene-d12	20.000	20.000	0.0	84	0.00
77		Benzidine	40.000	32.730	18.2	61	0.00
78		Pyrene	40.000	40.759	-1.9	80	0.01
79	S	Terphenyl-d14	80.000	70.424	12.0	70	0.00
80		Butylbenzylphthalate	40.000	41.644	-4.1	79	0.00
81		Benzo(a)anthracene	40.000	39.832	0.4	79	0.00
82		3,3'-Dichlorobenzidine	40.000	38.168	4.6	73	0.00
83		Chrysene	40.000	40.103	-0.3	80	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	40.547	-1.4	77	0.00
85	c	Di-n-octyl phthalate	40.000	39.973	0.1	77	0.00
86	I	Perylene-d12	20.000	20.000	0.0	83	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	40.180	-0.4	76	0.00
88		Benzo(b)fluoranthene	40.000	39.991	0.0	76	0.00
89		Benzo(k)fluoranthene	40.000	41.447	-3.6	80	0.00
90	C	Benzo(a)pyrene	40.000	39.834	0.4	76	0.00
91		Dibenzo(a,h)anthracene	40.000	40.748	-1.9	78	-0.02
92		Benzo(g,h,i)perylene	40.000	39.644	0.9	76	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025734.D
Acq On : 11 Sep 2025 16:54
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP091225

Quant Time: Sep 11 17:15:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

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: **BP025785.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: ARDM01

Lab Code: ACE SDG No.: Q3098

Instrument ID: BNA_P Calibration Date/Time: 09/18/2025 17:24

Lab File ID: BP025785.D Init. Calib. Date(s): 09/11/2025 09/11/2025

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
n-Nitrosodimethylamine	0.676	0.644		-4.7	
2-Fluorophenol	1.240	1.239		-0.1	
Phenol-d6	1.648	1.602		-2.8	
Phenol	1.737	1.692		-2.6	20.0
bis(2-Chloroethyl)ether	1.396	1.354		-3.0	
2-Chlorophenol	1.360	1.337		-1.7	
2,2-oxybis(1-Chloropropane)	2.283	2.249		-1.5	
n-Nitroso-di-n-propylamine	1.149	1.112	0.050	-3.2	
Nitrobenzene-d5	0.453	0.447		-1.3	
Hexachloroethane	0.602	0.584		-3.0	
Nitrobenzene	0.407	0.401		-1.5	
Isophorone	0.797	0.770		-3.4	
2-Nitrophenol	0.181	0.178		-1.7	20.0
2,4-Dimethylphenol	0.317	0.317		0.0	
bis(2-Chloroethoxy)methane	0.461	0.459		-0.4	
2,4-Dichlorophenol	0.316	0.313		-0.9	20.0
1,2,4-Trichlorobenzene	0.356	0.350		-1.7	
Naphthalene	1.078	1.041		-3.4	
Hexachlorobutadiene	0.229	0.223		-2.6	20.0
4-Chloro-3-methylphenol	0.377	0.359		-4.8	20.0
Hexachlorocyclopentadiene	0.330	0.318	0.050	-3.6	
2,4,6-Trichlorophenol	0.398	0.403		1.3	20.0
2-Fluorobiphenyl	1.502	1.449		-3.5	
2-Chloronaphthalene	1.156	1.121		-3.0	
Dimethylphthalate	1.527	1.474		-3.5	
Acenaphthylene	1.915	1.874		-2.1	
2,6-Dinitrotoluene	0.324	0.316		-2.5	
Acenaphthene	1.104	1.065		-3.5	20.0
2,4-Dinitrophenol	0.183	0.173	0.050	-5.5	
4-Nitrophenol	0.258	0.238	0.050	-7.8	
2,4-Dinitrotoluene	0.460	0.459		-0.2	
Diethylphthalate	1.549	1.500		-3.2	
4-Chlorophenyl-phenylether	0.721	0.686		-4.9	
Fluorene	1.431	1.376		-3.8	
4,6-Dinitro-2-methylphenol	0.133	0.132		-0.8	
n-Nitrosodiphenylamine	0.612	0.608		-0.7	20.0
Azobenzene	1.498	1.457		-2.7	
2,4,6-Tribromophenol	0.249	0.235		-5.6	
4-Bromophenyl-phenylether	0.220	0.218		-0.9	

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

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: Alliance Contract: ARDM01

Lab Code: ACE SDG No.: Q3098

Instrument ID: BNA_P Calibration Date/Time: 09/18/2025 17:24

Lab File ID: BP025785.D Init. Calib. Date(s): 09/11/2025 09/11/2025

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Hexachlorobenzene	0.245	0.238		-2.9	
Pentachlorophenol	0.162	0.154		-4.9	20.0
Phenanthrene	1.135	1.100		-3.1	
Anthracene	1.151	1.134		-1.5	
Di-n-butylphthalate	1.313	1.304		-0.7	
Fluoranthene	1.361	1.301		-4.4	20.0
Benzidine	0.576	0.751		30.4	
Pyrene	1.335	1.324		-0.8	
Terphenyl-d14	1.112	1.067		-4.0	
Butylbenzylphthalate	0.585	0.600		2.6	
3,3-Dichlorobenzidine	0.473	0.473		0.0	
Benzo(a)anthracene	1.369	1.318		-3.7	
Chrysene	1.305	1.295		-0.8	
Bis(2-ethylhexyl)phthalate	0.856	0.867		1.3	
Di-n-octyl phthalate	1.523	1.518		-0.3	20.0
Benzo(b)fluoranthene	1.223	1.218		-0.4	
Benzo(k)fluoranthene	1.248	1.214		-2.7	
Benzo(a)pyrene	1.198	1.167		-2.6	20.0
Indeno(1,2,3-cd)pyrene	1.454	1.438		-1.1	
Dibenzo(a,h)anthracene	1.190	1.173		-1.4	
Benzo(g,h,i)perylene	1.171	1.162		-0.8	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091825\
Data File : BP025785.D
Acq On : 18 Sep 2025 17:24
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Sep 18 18:22:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.755	152	161596	20.000	ng		0.00
21) Naphthalene-d8	10.519	136	642758	20.000	ng		0.00
39) Acenaphthene-d10	14.378	164	424090	20.000	ng		0.00
64) Phenanthrene-d10	17.184	188	848599	20.000	ng		0.00
76) Chrysene-d12	21.624	240	860847	20.000	ng		-0.02
86) Perylene-d12	24.983	264	947272	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.378	112	800845	79.965	ng		0.00
7) Phenol-d6	6.943	99	1035558	77.793	ng		0.00
23) Nitrobenzene-d5	8.896	82	1148164	78.796	ng		0.00
42) 2,4,6-Tribromophenol	15.895	330	399345	75.495	ng		-0.01
45) 2-Fluorobiphenyl	12.984	172	2457773	77.166	ng		0.00
79) Terphenyl-d14	19.907	244	3673999	76.779	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.308	88	166782	39.679	ng		98
3) Pyridine	3.708	79	448158	38.721	ng		99
4) n-Nitrosodimethylamine	3.614	42	207976	38.081	ng		100
6) Aniline	7.090	93	691454	37.839	ng		99
8) 2-Chlorophenol	7.331	128	432257	39.343	ng		99
9) Benzaldehyde	6.908	77	342055	42.871	ng		97
10) Phenol	6.966	94	546840	38.959	ng		98
11) bis(2-Chloroethyl)ether	7.184	93	437462	38.792	ng		96
12) 1,3-Dichlorobenzene	7.643	146	489237	39.126	ng		98
13) 1,4-Dichlorobenzene	7.790	146	488060	38.317	ng		99
14) 1,2-Dichlorobenzene	8.102	146	473697	38.282	ng		99
15) Benzyl Alcohol	7.990	79	410958	37.360	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.266	45	726842	39.412	ng		99
17) 2-Methylphenol	8.196	107	357230	37.749	ng		99
18) Hexachloroethane	8.819	117	188747	38.795	ng		94
19) n-Nitroso-di-n-propyla...	8.549	70	359451	38.715	ng		99
20) 3+4-Methylphenols	8.519	107	492145	37.134	ng		98
22) Acetophenone	8.566	105	678593	39.506	ng	#	100
24) Nitrobenzene	8.937	77	516096	39.481	ng		100
25) Isophorone	9.466	82	989557	38.637	ng		99
26) 2-Nitrophenol	9.643	139	229075	39.470	ng		97
27) 2,4-Dimethylphenol	9.707	122	408119	40.083	ng		100
28) bis(2-Chloroethoxy)met...	9.931	93	589506	39.818	ng		99
29) 2,4-Dichlorophenol	10.184	162	402364	39.635	ng		99
30) 1,2,4-Trichlorobenzene	10.390	180	450540	39.379	ng		97
31) Naphthalene	10.572	128	1338162	38.611	ng		100
32) Benzoic acid	9.872	122	286983	37.911	ng		95
33) 4-Chloroaniline	10.684	127	578146	40.022	ng		99
34) Hexachlorobutadiene	10.854	225	287235	39.000	ng		99
35) Caprolactam	11.478	113	145857	37.272	ng		97
36) 4-Chloro-3-methylphenol	11.819	107	462109	38.181	ng		98
37) 2-Methylnaphthalene	12.178	142	847762	38.084	ng		99
38) 1-Methylnaphthalene	12.407	142	906860	38.203	ng		99
40) 1,2,4,5-Tetrachloroben...	12.549	216	507285	39.474	ng		100
41) Hexachlorocyclopentadiene	12.531	237	269527	38.508	ng		99
43) 2,4,6-Trichlorophenol	12.801	196	341882	40.468	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091825\
Data File : BP025785.D
Acq On : 18 Sep 2025 17:24
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Sep 18 18:22:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

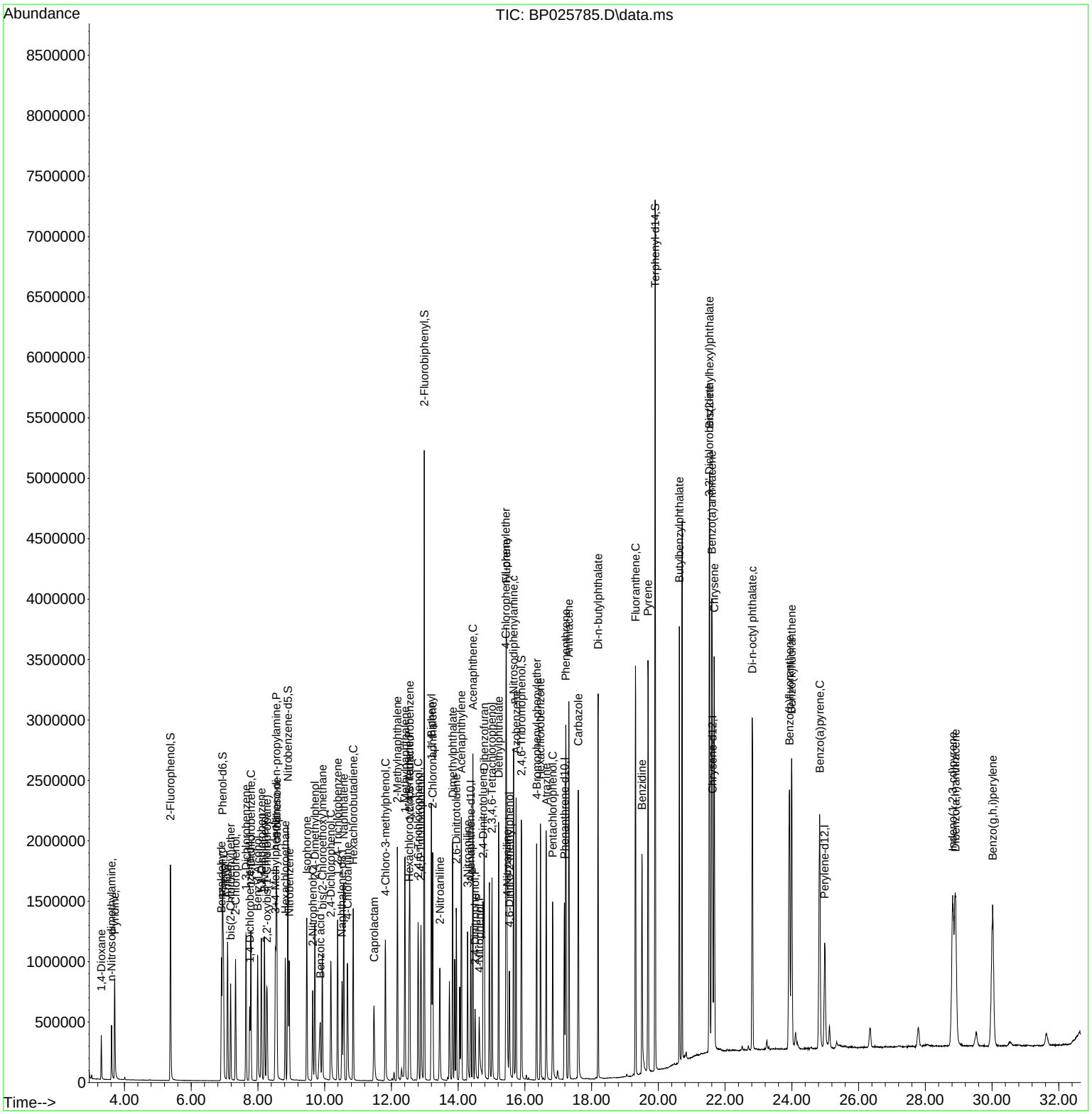
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.884	196	371044	39.463	ng		99
46) 1,1'-Biphenyl	13.196	154	1237452	39.753	ng		100
47) 2-Chloronaphthalene	13.237	162	950731	38.789	ng		99
48) 2-Nitroaniline	13.454	65	331446	40.566	ng		100
49) Acenaphthylene	14.095	152	1589514	39.140	ng		100
50) Dimethylphthalate	13.837	163	1249809	38.601	ng		99
51) 2,6-Dinitrotoluene	13.943	165	268109	39.084	ng		94
52) Acenaphthene	14.443	154	903547	38.580	ng		100
53) 3-Nitroaniline	14.284	138	284898	39.495	ng		95
54) 2,4-Dinitrophenol	14.507	184	146648	35.722	ng		96
55) Dibenzofuran	14.778	168	1480112	38.776	ng		100
56) 4-Nitrophenol	14.631	139	201908	35.164	ng		99
57) 2,4-Dinitrotoluene	14.748	165	388969	39.844	ng		98
58) Fluorene	15.442	166	1166847	38.443	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.013	232	325021	38.374	ng		99
60) Diethylphthalate	15.213	149	1271903	38.727	ng		99
61) 4-Chlorophenyl-phenyle...	15.431	204	581758	38.031	ng		99
62) 4-Nitroaniline	15.466	138	300383	40.647	ng		98
63) Azobenzene	15.737	77	1236085	38.924	ng		99
65) 4,6-Dinitro-2-methylph...	15.537	198	223973	39.687	ng		98
66) n-Nitrosodiphenylamine	15.660	169	1031718	39.729	ng		99
67) 4-Bromophenyl-phenylether	16.354	248	369203	39.603	ng		99
68) Hexachlorobenzene	16.466	284	403877	38.848	ng		99
69) Atrazine	16.642	200	386131	38.898	ng		98
70) Pentachlorophenol	16.831	266	262139	38.204	ng		96
71) Phenanthrene	17.225	178	1866075	38.766	ng		99
72) Anthracene	17.319	178	1924697	39.407	ng		100
73) Carbazole	17.601	167	1766262	38.898	ng		99
74) Di-n-butylphthalate	18.195	149	2213709	39.726	ng		100
75) Fluoranthene	19.313	202	2207227	38.232	ng		99
77) Benzidine	19.507	184	1292998	52.143	ng		99
78) Pyrene	19.689	202	2279377	39.683	ng		99
80) Butylbenzylphthalate	20.630	149	1032274	40.987	ng		100
81) Benzo(a)anthracene	21.601	228	2268518	38.492	ng		100
82) 3,3'-Dichlorobenzidine	21.524	252	815133	40.001	ng		99
83) Chrysene	21.672	228	2229581	39.686	ng		100
84) Bis(2-ethylhexyl)phtha...	21.530	149	1492666	40.510	ng		98
85) Di-n-octyl phthalate	22.813	149	2614261	39.886	ng		99
87) Indeno(1,2,3-cd)pyrene	28.818	276	2725067	39.558	ng	#	84
88) Benzo(b)fluoranthene	23.930	252	2306646	39.819	ng		99
89) Benzo(k)fluoranthene	23.995	252	2299999	38.910	ng		99
90) Benzo(a)pyrene	24.836	252	2211772	38.989	ng		100
91) Dibenzo(a,h)anthracene	28.906	278	2222886	39.432	ng		98
92) Benzo(g,h,i)perylene	30.018	276	2201360	39.708	ng		98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091825\
Data File : BP025785.D
Acq On : 18 Sep 2025 17:24
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Sep 18 18:22:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration



Sample Results: **BP025785.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091825\
Data File : BP025785.D
Acq On : 18 Sep 2025 17:24
Operator : CG/JU
Sample : SSTDCCC040
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Instrument :
BNA_P
LabSampleId :
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Quant Time: Sep 18 18:22:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

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	0.00
2		1,4-Dioxane	0.520	0.516	0.8	106	0.00
3		Pyridine	1.432	1.387	3.1	99	0.00
4		n-Nitrosodimethylamine	0.676	0.644	4.7	100	0.00
5	S	2-Fluorophenol	1.240	1.239	0.1	102	0.00
6		Aniline	2.262	2.139	5.4	95	0.00
7	S	Phenol-d6	1.648	1.602	2.8	96	0.00
8		2-Chlorophenol	1.360	1.337	1.7	99	0.00
9		Benzaldehyde	0.987	1.058	-7.2	135	0.00
10	C	Phenol	1.737	1.692	2.6	96	0.00
11		bis(2-Chloroethyl)ether	1.396	1.354	3.0	97	0.00
12		1,3-Dichlorobenzene	1.548	1.514	2.2	101	0.00
13	C	1,4-Dichlorobenzene	1.576	1.510	4.2	100	0.00
14		1,2-Dichlorobenzene	1.531	1.466	4.2	99	0.00
15		Benzyl Alcohol	1.361	1.272	6.5	94	-0.01
16		2,2'-oxybis(1-Chloropropane	2.282	2.249	1.4	101	-0.01
17		2-Methylphenol	1.171	1.105	5.6	94	0.00
18		Hexachloroethane	0.602	0.584	3.0	101	0.00
19	P	n-Nitroso-di-n-propylamine	1.149	1.112	3.2	94	0.00
20		3+4-Methylphenols	1.640	1.523	7.1	94	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	104	0.00
22		Acetophenone	0.534	0.528	1.1	93	0.00
23	S	Nitrobenzene-d5	0.453	0.447	1.3	94	0.00
24		Nitrobenzene	0.407	0.401	1.5	93	-0.01
25		Isophorone	0.797	0.770	3.4	93	0.00
26	C	2-Nitrophenol	0.181	0.178	1.7	92	0.00
27		2,4-Dimethylphenol	0.317	0.317	0.0	93	0.00
28		bis(2-Chloroethoxy)methane	0.461	0.459	0.4	96	-0.01
29	C	2,4-Dichlorophenol	0.316	0.313	0.9	93	0.00
30		1,2,4-Trichlorobenzene	0.356	0.350	1.7	96	0.00
31		Naphthalene	1.078	1.041	3.4	94	0.00
32		Benzoic acid	0.236	0.223	5.5	89	0.00
33		4-Chloroaniline	0.449	0.450	-0.2	92	0.00
34	C	Hexachlorobutadiene	0.229	0.223	2.6	96	0.00
35		Caprolactam	0.122	0.113	7.4	89	0.00
36	C	4-Chloro-3-methylphenol	0.377	0.359	4.8	90	0.00
37		2-Methylnaphthalene	0.693	0.659	4.9	92	0.00
38		1-Methylnaphthalene	0.739	0.705	4.6	92	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	101	0.00
40		1,2,4,5-Tetrachlorobenzene	0.606	0.598	1.3	92	0.00
41	P	Hexachlorocyclopentadiene	0.330	0.318	3.6	85	0.00
42	S	2,4,6-Tribromophenol	0.249	0.235	5.6	86	-0.01
43	C	2,4,6-Trichlorophenol	0.398	0.403	-1.3	92	0.00
44		2,4,5-Trichlorophenol	0.443	0.437	1.4	89	0.00
45	S	2-Fluorobiphenyl	1.502	1.449	3.5	92	0.00
46		1,1'-Biphenyl	1.468	1.459	0.6	93	0.00
47		2-Chloronaphthalene	1.156	1.121	3.0	92	-0.01

Sample Results: **BP025785.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091825\
Data File : BP025785.D
Acq On : 18 Sep 2025 17:24
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Sep 18 18:22:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

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	0.385	0.391	-1.6	90	0.00
49		Acenaphthylene	1.915	1.874	2.1	92	0.00
50		Dimethylphthalate	1.527	1.474	3.5	90	0.00
51		2,6-Dinitrotoluene	0.324	0.316	2.5	89	-0.01
52	C	Acenaphthene	1.104	1.065	3.5	90	-0.01
53		3-Nitroaniline	0.340	0.336	1.2	86	0.00
54	P	2,4-Dinitrophenol	0.183	0.173	5.5	84	0.00
55		Dibenzofuran	1.800	1.745	3.1	92	-0.01
56	P	4-Nitrophenol	0.258	0.238	7.8	79	0.01
57		2,4-Dinitrotoluene	0.460	0.459	0.2	89	0.00
58		Fluorene	1.431	1.376	3.8	90	-0.01
59		2,3,4,6-Tetrachlorophenol	0.399	0.383	4.0	87	-0.01
60		Diethylphthalate	1.549	1.500	3.2	93	0.00
61		4-Chlorophenyl-phenylether	0.721	0.686	4.9	90	-0.01
62		4-Nitroaniline	0.349	0.354	-1.4	89	-0.01
63		Azobenzene	1.498	1.457	2.7	90	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	98	0.00
65		4,6-Dinitro-2-methylphenol	0.133	0.132	0.8	86	0.00
66	c	n-Nitrosodiphenylamine	0.612	0.608	0.7	89	0.00
67		4-Bromophenyl-phenylether	0.220	0.218	0.9	89	0.00
68		Hexachlorobenzene	0.245	0.238	2.9	89	0.00
69		Atrazine	0.234	0.228	2.6	86	0.00
70	C	Pentachlorophenol	0.162	0.154	4.9	84	0.00
71		Phenanthrene	1.135	1.100	3.1	89	0.00
72		Anthracene	1.151	1.134	1.5	90	0.00
73		Carbazole	1.070	1.041	2.7	87	0.00
74		Di-n-butylphthalate	1.313	1.304	0.7	89	0.01
75	C	Fluoranthene	1.361	1.301	4.4	88	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	93	-0.02
77		Benzidine	0.576	0.751	-30.4#	107	0.00
78		Pyrene	1.335	1.324	0.8	86	0.00
79	S	Terphenyl-d14	1.112	1.067	4.0	84	0.00
80		Butylbenzylphthalate	0.585	0.600	-2.6	86	-0.01
81		Benzo(a)anthracene	1.369	1.318	3.7	84	-0.02
82		3,3'-Dichlorobenzidine	0.473	0.473	0.0	85	-0.01
83		Chrysene	1.305	1.295	0.8	87	-0.02
84		Bis(2-ethylhexyl)phthalate	0.856	0.867	-1.3	85	-0.02
85	c	Di-n-octyl phthalate	1.523	1.518	0.3	84	-0.02
86	I	Perylene-d12	1.000	1.000	0.0	95	-0.02
87		Indeno(1,2,3-cd)pyrene	1.454	1.438	1.1	85	-0.02
88		Benzo(b)fluoranthene	1.223	1.218	0.4	86	0.00
89		Benzo(k)fluoranthene	1.248	1.214	2.7	86	0.00
90	C	Benzo(a)pyrene	1.198	1.167	2.6	85	0.00
91		Dibenzo(a,h)anthracene	1.190	1.173	1.4	86	-0.01
92		Benzo(g,h,i)perylene	1.170	1.162	0.7	87	0.00

Sample Results: **BP025785.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091825\
Data File : BP025785.D
Acq On : 18 Sep 2025 17:24
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Sep 18 18:22:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

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: **BP025785.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091825\
Data File : BP025785.D
Acq On : 18 Sep 2025 17:24
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Sep 18 18:22:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

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	0.00
2		1,4-Dioxane	40.000	39.679	0.8	106	0.00
3		Pyridine	40.000	38.721	3.2	99	0.00
4		n-Nitrosodimethylamine	40.000	38.081	4.8	100	0.00
5	S	2-Fluorophenol	80.000	79.965	0.0	102	0.00
6		Aniline	40.000	37.839	5.4	95	0.00
7	S	Phenol-d6	80.000	77.793	2.8	96	0.00
8		2-Chlorophenol	40.000	39.343	1.6	99	0.00
9		Benzaldehyde	40.000	42.871	-7.2	135	0.00
10	C	Phenol	40.000	38.959	2.6	96	0.00
11		bis(2-Chloroethyl)ether	40.000	38.792	3.0	97	0.00
12		1,3-Dichlorobenzene	40.000	39.126	2.2	101	0.00
13	C	1,4-Dichlorobenzene	40.000	38.317	4.2	100	0.00
14		1,2-Dichlorobenzene	40.000	38.282	4.3	99	0.00
15		Benzyl Alcohol	40.000	37.360	6.6	94	-0.01
16		2,2'-oxybis(1-Chloropropane	40.000	39.412	1.5	101	-0.01
17		2-Methylphenol	40.000	37.749	5.6	94	0.00
18		Hexachloroethane	40.000	38.795	3.0	101	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	38.715	3.2	94	0.00
20		3+4-Methylphenols	40.000	37.134	7.2	94	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	104	0.00
22		Acetophenone	40.000	39.506	1.2	93	0.00
23	S	Nitrobenzene-d5	80.000	78.796	1.5	94	0.00
24		Nitrobenzene	40.000	39.481	1.3	93	-0.01
25		Isophorone	40.000	38.637	3.4	93	0.00
26	C	2-Nitrophenol	40.000	39.470	1.3	92	0.00
27		2,4-Dimethylphenol	40.000	40.083	-0.2	93	0.00
28		bis(2-Chloroethoxy)methane	40.000	39.818	0.5	96	-0.01
29	C	2,4-Dichlorophenol	40.000	39.635	0.9	93	0.00
30		1,2,4-Trichlorobenzene	40.000	39.379	1.6	96	0.00
31		Naphthalene	40.000	38.611	3.5	94	0.00
32		Benzoic acid	40.000	37.911	5.2	89	0.00
33		4-Chloroaniline	40.000	40.022	-0.1	92	0.00
34	C	Hexachlorobutadiene	40.000	39.000	2.5	96	0.00
35		Caprolactam	40.000	37.272	6.8	89	0.00
36	C	4-Chloro-3-methylphenol	40.000	38.181	4.5	90	0.00
37		2-Methylnaphthalene	40.000	38.084	4.8	92	0.00
38		1-Methylnaphthalene	40.000	38.203	4.5	92	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	101	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	39.474	1.3	92	0.00
41	P	Hexachlorocyclopentadiene	40.000	38.508	3.7	85	0.00
42	S	2,4,6-Tribromophenol	80.000	75.495	5.6	86	-0.01
43	C	2,4,6-Trichlorophenol	40.000	40.468	-1.2	92	0.00
44		2,4,5-Trichlorophenol	40.000	39.463	1.3	89	0.00
45	S	2-Fluorobiphenyl	80.000	77.166	3.5	92	0.00
46		1,1'-Biphenyl	40.000	39.753	0.6	93	0.00
47		2-Chloronaphthalene	40.000	38.789	3.0	92	-0.01

Sample Results: **BP025785.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091825\
Data File : BP025785.D
Acq On : 18 Sep 2025 17:24
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Sep 18 18:22:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

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	40.566	-1.4	90	0.00
49		Acenaphthylene	40.000	39.140	2.1	92	0.00
50		Dimethylphthalate	40.000	38.601	3.5	90	0.00
51		2,6-Dinitrotoluene	40.000	39.084	2.3	89	-0.01
52	C	Acenaphthene	40.000	38.580	3.6	90	-0.01
53		3-Nitroaniline	40.000	39.495	1.3	86	0.00
54	P	2,4-Dinitrophenol	40.000	35.722	10.7	84	0.00
55		Dibenzofuran	40.000	38.776	3.1	92	-0.01
56	P	4-Nitrophenol	40.000	35.164	12.1	79	0.01
57		2,4-Dinitrotoluene	40.000	39.844	0.4	89	0.00
58		Fluorene	40.000	38.443	3.9	90	-0.01
59		2,3,4,6-Tetrachlorophenol	40.000	38.374	4.1	87	-0.01
60		Diethylphthalate	40.000	38.727	3.2	93	0.00
61		4-Chlorophenyl-phenylether	40.000	38.031	4.9	90	-0.01
62		4-Nitroaniline	40.000	40.647	-1.6	89	-0.01
63		Azobenzene	40.000	38.924	2.7	90	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	98	0.00
65		4,6-Dinitro-2-methylphenol	40.000	39.687	0.8	86	0.00
66	c	n-Nitrosodiphenylamine	40.000	39.729	0.7	89	0.00
67		4-Bromophenyl-phenylether	40.000	39.603	1.0	89	0.00
68		Hexachlorobenzene	40.000	38.848	2.9	89	0.00
69		Atrazine	40.000	38.898	2.8	86	0.00
70	C	Pentachlorophenol	40.000	38.204	4.5	84	0.00
71		Phenanthrene	40.000	38.766	3.1	89	0.00
72		Anthracene	40.000	39.407	1.5	90	0.00
73		Carbazole	40.000	38.898	2.8	87	0.00
74		Di-n-butylphthalate	40.000	39.726	0.7	89	0.01
75	C	Fluoranthene	40.000	38.232	4.4	88	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	93	-0.02
77		Benzidine	40.000	52.143	-30.4#	107	0.00
78		Pyrene	40.000	39.683	0.8	86	0.00
79	S	Terphenyl-d14	80.000	76.779	4.0	84	0.00
80		Butylbenzylphthalate	40.000	40.987	-2.5	86	-0.01
81		Benzo(a)anthracene	40.000	38.492	3.8	84	-0.02
82		3,3'-Dichlorobenzidine	40.000	40.001	-0.0	85	-0.01
83		Chrysene	40.000	39.686	0.8	87	-0.02
84		Bis(2-ethylhexyl)phthalate	40.000	40.510	-1.3	85	-0.02
85	c	Di-n-octyl phthalate	40.000	39.886	0.3	84	-0.02
86	I	Perylene-d12	20.000	20.000	0.0	95	-0.02
87		Indeno(1,2,3-cd)pyrene	40.000	39.558	1.1	85	-0.02
88		Benzo(b)fluoranthene	40.000	39.819	0.5	86	0.00
89		Benzo(k)fluoranthene	40.000	38.910	2.7	86	0.00
90	C	Benzo(a)pyrene	40.000	38.989	2.5	85	0.00
91		Dibenzo(a,h)anthracene	40.000	39.432	1.4	86	-0.01
92		Benzo(g,h,i)perylene	40.000	39.708	0.7	87	0.00

Sample Results: **BP025785.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091825\
Data File : BP025785.D
Acq On : 18 Sep 2025 17:24
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Sep 18 18:22:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

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: **BP025792.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: ARDM01

Lab Code: ACE SDG No.: Q3098

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

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

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
n-Nitrosodimethylamine	0.676	0.654		-3.3	
2-Fluorophenol	1.240	1.228		-1.0	
Phenol-d6	1.648	1.562		-5.2	
Phenol	1.737	1.651		-5.0	20.0
bis(2-Chloroethyl)ether	1.396	1.332		-4.6	
2-Chlorophenol	1.360	1.310		-3.7	
2,2-oxybis(1-Chloropropane)	2.283	2.240		-1.9	
n-Nitroso-di-n-propylamine	1.149	1.058	0.050	-7.9	
Nitrobenzene-d5	0.453	0.446		-1.5	
Hexachloroethane	0.602	0.587		-2.5	
Nitrobenzene	0.407	0.402		-1.2	
Isophorone	0.797	0.758		-4.9	
2-Nitrophenol	0.181	0.183		1.1	20.0
2,4-Dimethylphenol	0.317	0.312		-1.6	
bis(2-Chloroethoxy)methane	0.461	0.460		-0.2	
2,4-Dichlorophenol	0.316	0.311		-1.6	20.0
1,2,4-Trichlorobenzene	0.356	0.349		-2.0	
Naphthalene	1.078	1.036		-3.9	
Hexachlorobutadiene	0.229	0.218		-4.8	20.0
4-Chloro-3-methylphenol	0.377	0.355		-5.8	20.0
Hexachlorocyclopentadiene	0.330	0.324	0.050	-1.8	
2,4,6-Trichlorophenol	0.398	0.404		1.5	20.0
2-Fluorobiphenyl	1.502	1.472		-2.0	
2-Chloronaphthalene	1.156	1.140		-1.4	
Dimethylphthalate	1.527	1.459		-4.5	
Acenaphthylene	1.915	1.848		-3.5	
2,6-Dinitrotoluene	0.324	0.327		0.9	
Acenaphthene	1.104	1.057		-4.3	20.0
2,4-Dinitrophenol	0.183	0.178	0.050	-2.7	
4-Nitrophenol	0.258	0.244	0.050	-5.4	
2,4-Dinitrotoluene	0.460	0.457		-0.7	
Diethylphthalate	1.549	1.476		-4.7	
4-Chlorophenyl-phenylether	0.721	0.669		-7.2	
Fluorene	1.431	1.343		-6.2	
4,6-Dinitro-2-methylphenol	0.133	0.134		0.8	
n-Nitrosodiphenylamine	0.612	0.616		0.7	20.0
Azobenzene	1.498	1.458		-2.7	
2,4,6-Tribromophenol	0.249	0.234		-6.0	
4-Bromophenyl-phenylether	0.220	0.220		0.0	

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: ARDM01

Lab Code: ACE SDG No.: Q3098

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

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

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Hexachlorobenzene	0.245	0.236		-3.7	
Pentachlorophenol	0.162	0.160		-1.2	20.0
Phenanthrene	1.135	1.108		-2.4	
Anthracene	1.151	1.139		-1.0	
Di-n-butylphthalate	1.313	1.304		-0.7	
Fluoranthene	1.361	1.339		-1.6	20.0
Benzidine	0.576	0.797		38.4	
Pyrene	1.335	1.325		-0.7	
Terphenyl-d14	1.112	1.080		-2.9	
Butylbenzylphthalate	0.585	0.598		2.2	
3,3-Dichlorobenzidine	0.473	0.476		0.6	
Benzo(a)anthracene	1.369	1.318		-3.7	
Chrysene	1.305	1.279		-2.0	
Bis(2-ethylhexyl)phthalate	0.856	0.864		0.9	
Di-n-octyl phthalate	1.523	1.524		0.1	20.0
Benzo(b)fluoranthene	1.223	1.214		-0.7	
Benzo(k)fluoranthene	1.248	1.232		-1.3	
Benzo(a)pyrene	1.198	1.179		-1.6	20.0
Indeno(1,2,3-cd)pyrene	1.454	1.449		-0.3	
Dibenzo(a,h)anthracene	1.190	1.182		-0.7	
Benzo(g,h,i)perylene	1.171	1.167		-0.3	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
Data File : BP025792.D
Acq On : 19 Sep 2025 10:12
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Sep 19 11:23:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.749	152	182285	20.000	ng	-0.01
21) Naphthalene-d8	10.513	136	709982	20.000	ng	-0.01
39) Acenaphthene-d10	14.366	164	456027	20.000	ng	-0.01
64) Phenanthrene-d10	17.172	188	907902	20.000	ng	-0.01
76) Chrysene-d12	21.619	240	942075	20.000	ng	-0.02
86) Perylene-d12	24.971	264	1041355	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.372	112	895085	79.231	ng	-0.01
7) Phenol-d6	6.937	99	1138627	75.828	ng	-0.01
23) Nitrobenzene-d5	8.890	82	1266219	78.670	ng	-0.01
42) 2,4,6-Tribromophenol	15.884	330	426036	74.900	ng	-0.02
45) 2-Fluorobiphenyl	12.978	172	2685022	78.397	ng	-0.01
79) Terphenyl-d14	19.895	244	4070528	77.731	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.308	88	189430	39.952	ng	99
3) Pyridine	3.702	79	505325	38.705	ng	99
4) n-Nitrosodimethylamine	3.614	42	238318	38.684	ng	97
6) Aniline	7.084	93	767229	37.221	ng	99
8) 2-Chlorophenol	7.325	128	477523	38.530	ng	100
9) Benzaldehyde	6.902	77	388347	43.148	ng	99
10) Phenol	6.960	94	601914	38.015	ng	99
11) bis(2-Chloroethyl)ether	7.178	93	485488	38.164	ng	98
12) 1,3-Dichlorobenzene	7.637	146	538870	38.204	ng	99
13) 1,4-Dichlorobenzene	7.784	146	547804	38.127	ng	99
14) 1,2-Dichlorobenzene	8.096	146	527776	37.811	ng	99
15) Benzyl Alcohol	7.990	79	447530	36.068	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.266	45	816681	39.257	ng	100
17) 2-Methylphenol	8.190	107	402565	37.711	ng	99
18) Hexachloroethane	8.813	117	214072	39.006	ng	96
19) n-Nitroso-di-n-propyla...	8.543	70	385866	36.843	ng	98
20) 3+4-Methylphenols	8.519	107	534905	35.779	ng	98
22) Acetophenone	8.560	105	742554	39.137	ng	98
24) Nitrobenzene	8.931	77	571100	39.552	ng	99
25) Isophorone	9.460	82	1075754	38.025	ng	100
26) 2-Nitrophenol	9.637	139	259273	40.443	ng	94
27) 2,4-Dimethylphenol	9.701	122	443153	39.403	ng	99
28) bis(2-Chloroethoxy)met...	9.925	93	653195	39.943	ng	99
29) 2,4-Dichlorophenol	10.178	162	441144	39.341	ng	99
30) 1,2,4-Trichlorobenzene	10.378	180	495786	39.231	ng	100
31) Naphthalene	10.560	128	1471643	38.441	ng	100
32) Benzoic acid	9.866	122	300739	35.967	ng	98
33) 4-Chloroaniline	10.678	127	623460	39.073	ng	98
34) Hexachlorobutadiene	10.843	225	310106	38.118	ng	99
35) Caprolactam	11.466	113	153394	35.486	ng	98
36) 4-Chloro-3-methylphenol	11.807	107	504088	37.706	ng	95
37) 2-Methylnaphthalene	12.172	142	927698	37.729	ng	99
38) 1-Methylnaphthalene	12.395	142	985022	37.567	ng	99
40) 1,2,4,5-Tetrachloroben...	12.543	216	553393	40.046	ng	99
41) Hexachlorocyclopentadiene	12.525	237	295205	39.223	ng	99
43) 2,4,6-Trichlorophenol	12.790	196	368519	40.566	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
Data File : BP025792.D
Acq On : 19 Sep 2025 10:12
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Sep 19 11:23:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

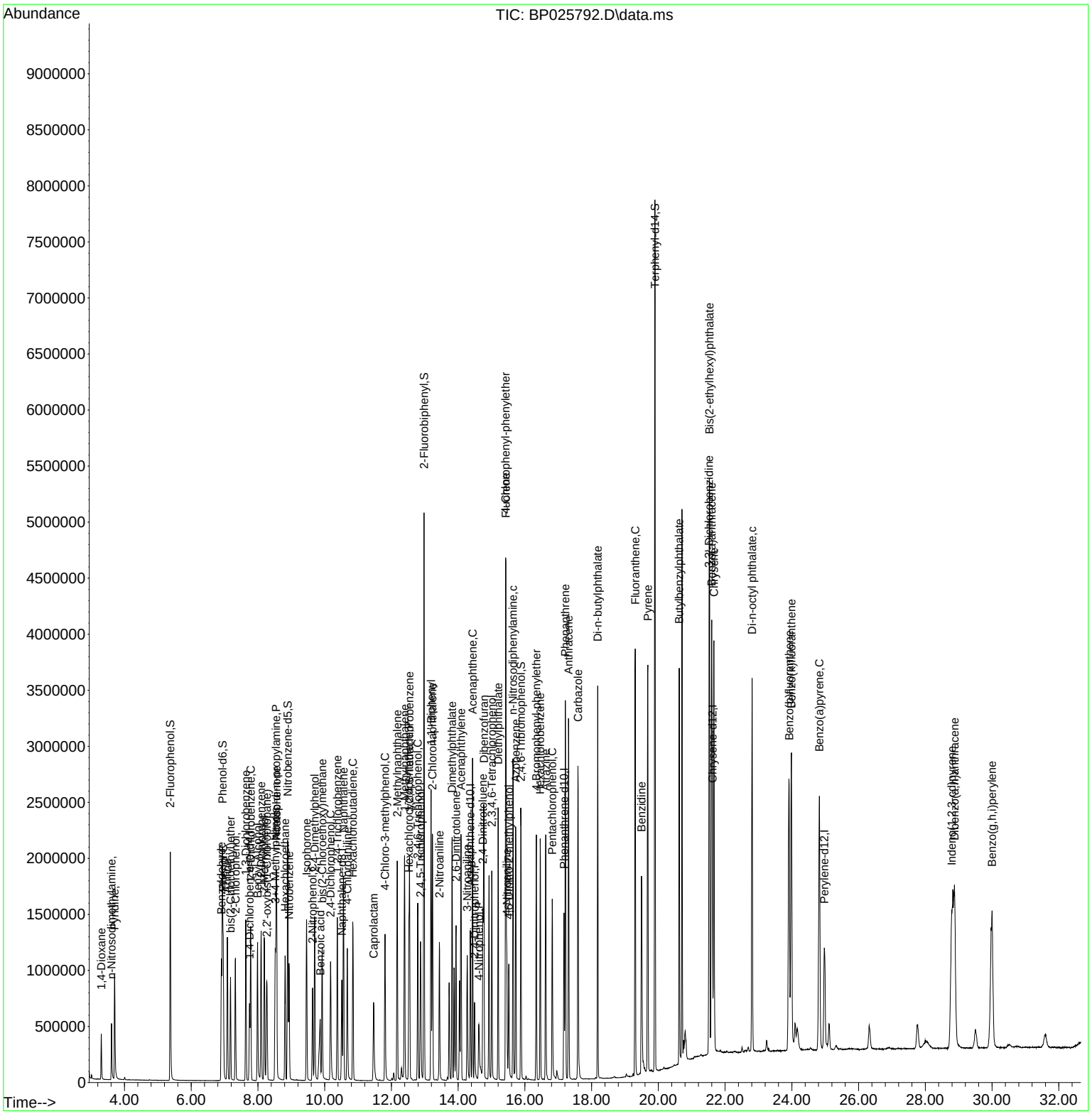
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.872	196	405133	40.071	ng		98
46) 1,1'-Biphenyl	13.190	154	1347926	40.269	ng		99
47) 2-Chloronaphthalene	13.231	162	1039390	39.436	ng		100
48) 2-Nitroaniline	13.437	65	353587	40.246	ng		99
49) Acenaphthylene	14.084	152	1685485	38.596	ng		100
50) Dimethylphthalate	13.819	163	1330258	38.208	ng		100
51) 2,6-Dinitrotoluene	13.937	165	298163	40.422	ng		98
52) Acenaphthene	14.431	154	964200	38.287	ng		99
53) 3-Nitroaniline	14.272	138	309286	39.873	ng		98
54) 2,4-Dinitrophenol	14.489	184	162528	36.669	ng		97
55) Dibenzofuran	14.772	168	1560894	38.029	ng		99
56) 4-Nitrophenol	14.619	139	222178	35.879	ng		96
57) 2,4-Dinitrotoluene	14.742	165	417167	39.739	ng		97
58) Fluorene	15.431	166	1225236	37.540	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.007	232	352862	38.744	ng		100
60) Diethylphthalate	15.201	149	1346248	38.120	ng		100
61) 4-Chlorophenyl-phenyle...	15.425	204	610122	37.092	ng		99
62) 4-Nitroaniline	15.460	138	320370	40.315	ng		96
63) Azobenzene	15.725	77	1329803	38.943	ng		99
65) 4,6-Dinitro-2-methylph...	15.519	198	242720	40.200	ng		94
66) n-Nitrosodiphenylamine	15.642	169	1119243	40.284	ng		99
67) 4-Bromophenyl-phenylether	16.342	248	399920	40.096	ng		99
68) Hexachlorobenzene	16.460	284	428979	38.568	ng		100
69) Atrazine	16.625	200	417777	39.337	ng		99
70) Pentachlorophenol	16.819	266	289989	39.503	ng		99
71) Phenanthrene	17.213	178	2011975	39.066	ng		99
72) Anthracene	17.307	178	2068305	39.581	ng		99
73) Carbazole	17.589	167	1911519	39.347	ng		99
74) Di-n-butylphthalate	18.183	149	2367988	39.719	ng		99
75) Fluoranthene	19.307	202	2431574	39.367	ng		100
77) Benzidine	19.495	184	1501103	55.316	ng		100
78) Pyrene	19.683	202	2496299	39.712	ng		99
80) Butylbenzylphthalate	20.624	149	1126336	40.866	ng		96
81) Benzo(a)anthracene	21.595	228	2483673	38.509	ng		100
82) 3,3'-Dichlorobenzidine	21.519	252	897608	40.250	ng		100
83) Chrysene	21.666	228	2409723	39.195	ng		99
84) Bis(2-ethylhexyl)phtha...	21.530	149	1628520	40.386	ng		98
85) Di-n-octyl phthalate	22.807	149	2871445	40.032	ng		99
87) Indeno(1,2,3-cd)pyrene	28.789	276	3017238	39.842	ng	#	75
88) Benzo(b)fluoranthene	23.918	252	2528190	39.701	ng		100
89) Benzo(k)fluoranthene	23.989	252	2565509	39.480	ng		100
90) Benzo(a)pyrene	24.824	252	2454556	39.359	ng		99
91) Dibenzo(a,h)anthracene	28.871	278	2462140	39.730	ng		98
92) Benzo(g,h,i)perylene	30.000	276	2431400	39.895	ng		97

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
Data File : BP025792.D
Acq On : 19 Sep 2025 10:12
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Sep 19 11:23:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration



Sample Results: **BP025792.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
Data File : BP025792.D
Acq On : 19 Sep 2025 10:12
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Sep 19 11:23:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

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	126	-0.01
2		1,4-Dioxane	40.000	39.952	0.1	120	0.00
3		Pyridine	40.000	38.705	3.2	112	0.00
4		n-Nitrosodimethylamine	40.000	38.684	3.3	114	0.00
5	S	2-Fluorophenol	80.000	79.231	1.0	114	-0.01
6		Aniline	40.000	37.221	6.9	106	-0.01
7	S	Phenol-d6	80.000	75.828	5.2	106	-0.01
8		2-Chlorophenol	40.000	38.530	3.7	109	-0.01
9		Benzaldehyde	40.000	43.148	-7.9	153	-0.01
10	C	Phenol	40.000	38.015	5.0	106	-0.01
11		bis(2-Chloroethyl)ether	40.000	38.164	4.6	108	0.00
12		1,3-Dichlorobenzene	40.000	38.204	4.5	111	-0.01
13	C	1,4-Dichlorobenzene	40.000	38.127	4.7	112	0.00
14		1,2-Dichlorobenzene	40.000	37.811	5.5	110	-0.01
15		Benzyl Alcohol	40.000	36.068	9.8	102	-0.01
16		2,2'-oxybis(1-Chloropropane	40.000	39.257	1.9	113	-0.01
17		2-Methylphenol	40.000	37.711	5.7	106	-0.01
18		Hexachloroethane	40.000	39.006	2.5	114	-0.01
19	P	n-Nitroso-di-n-propylamine	40.000	36.843	7.9	101	-0.01
20		3+4-Methylphenols	40.000	35.779	10.6	102	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	115	-0.01
22		Acetophenone	40.000	39.137	2.2	102	-0.01
23	S	Nitrobenzene-d5	80.000	78.670	1.7	103	-0.01
24		Nitrobenzene	40.000	39.552	1.1	103	-0.02
25		Isophorone	40.000	38.025	4.9	101	0.00
26	C	2-Nitrophenol	40.000	40.443	-1.1	104	-0.01
27		2,4-Dimethylphenol	40.000	39.403	1.5	101	-0.01
28		bis(2-Chloroethoxy)methane	40.000	39.943	0.1	106	-0.02
29	C	2,4-Dichlorophenol	40.000	39.341	1.6	102	0.00
30		1,2,4-Trichlorobenzene	40.000	39.231	1.9	106	-0.01
31		Naphthalene	40.000	38.441	3.9	104	-0.02
32		Benzoic acid	40.000	35.967	10.1	93	-0.01
33		4-Chloroaniline	40.000	39.073	2.3	99	-0.01
34	C	Hexachlorobutadiene	40.000	38.118	4.7	104	-0.02
35		Caprolactam	40.000	35.486	11.3	94	-0.02
36	C	4-Chloro-3-methylphenol	40.000	37.706	5.7	99	-0.01
37		2-Methylnaphthalene	40.000	37.729	5.7	101	-0.01
38		1-Methylnaphthalene	40.000	37.567	6.1	100	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	109	-0.01
40		1,2,4,5-Tetrachlorobenzene	40.000	40.046	-0.1	100	-0.01
41	P	Hexachlorocyclopentadiene	40.000	39.223	1.9	93	-0.01
42	S	2,4,6-Tribromophenol	80.000	74.900	6.4	92	-0.02
43	C	2,4,6-Trichlorophenol	40.000	40.566	-1.4	99	-0.02
44		2,4,5-Trichlorophenol	40.000	40.071	-0.2	97	-0.01
45	S	2-Fluorobiphenyl	80.000	78.397	2.0	101	-0.01
46		1,1'-Biphenyl	40.000	40.269	-0.7	102	-0.01
47		2-Chloronaphthalene	40.000	39.436	1.4	100	-0.02

Sample Results: **BP025792.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
Data File : BP025792.D
Acq On : 19 Sep 2025 10:12
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Sep 19 11:23:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

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	40.246	-0.6	96	-0.02
49		Acenaphthylene	40.000	38.596	3.5	98	-0.02
50		Dimethylphthalate	40.000	38.208	4.5	96	-0.02
51		2,6-Dinitrotoluene	40.000	40.422	-1.1	100	-0.02
52	C	Acenaphthene	40.000	38.287	4.3	97	-0.02
53		3-Nitroaniline	40.000	39.873	0.3	94	-0.02
54	P	2,4-Dinitrophenol	40.000	36.669	8.3	93	-0.02
55		Dibenzofuran	40.000	38.029	4.9	97	-0.02
56	P	4-Nitrophenol	40.000	35.879	10.3	87	0.00
57		2,4-Dinitrotoluene	40.000	39.739	0.7	96	-0.01
58		Fluorene	40.000	37.540	6.2	95	-0.02
59		2,3,4,6-Tetrachlorophenol	40.000	38.744	3.1	95	-0.02
60		Diethylphthalate	40.000	38.120	4.7	98	-0.02
61		4-Chlorophenyl-phenylether	40.000	37.092	7.3	95	-0.02
62		4-Nitroaniline	40.000	40.315	-0.8	95	-0.02
63		Azobenzene	40.000	38.943	2.6	97	-0.01
64	I	Phenanthrene-d10	20.000	20.000	0.0	104	-0.01
65		4,6-Dinitro-2-methylphenol	40.000	40.200	-0.5	93	-0.02
66	c	n-Nitrosodiphenylamine	40.000	40.284	-0.7	97	-0.01
67		4-Bromophenyl-phenylether	40.000	40.096	-0.2	97	-0.01
68		Hexachlorobenzene	40.000	38.568	3.6	95	-0.01
69		Atrazine	40.000	39.337	1.7	93	-0.01
70	C	Pentachlorophenol	40.000	39.503	1.2	93	-0.01
71		Phenanthrene	40.000	39.066	2.3	95	-0.01
72		Anthracene	40.000	39.581	1.0	96	-0.01
73		Carbazole	40.000	39.347	1.6	94	-0.01
74		Di-n-butylphthalate	40.000	39.719	0.7	95	0.00
75	C	Fluoranthene	40.000	39.367	1.6	97	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	102	-0.02
77		Benzidine	40.000	55.316	-38.3#	124	-0.01
78		Pyrene	40.000	39.712	0.7	94	0.00
79	S	Terphenyl-d14	80.000	77.731	2.8	93	-0.02
80		Butylbenzylphthalate	40.000	40.866	-2.2	94	-0.02
81		Benzo(a)anthracene	40.000	38.509	3.7	92	-0.02
82		3,3'-Dichlorobenzidine	40.000	40.250	-0.6	93	-0.02
83		Chrysene	40.000	39.195	2.0	95	-0.02
84		Bis(2-ethylhexyl)phthalate	40.000	40.386	-1.0	93	-0.02
85	c	Di-n-octyl phthalate	40.000	40.032	-0.1	93	-0.02
86	I	Perylene-d12	20.000	20.000	0.0	104	-0.03
87		Indeno(1,2,3-cd)pyrene	40.000	39.842	0.4	94	-0.05
88		Benzo(b)fluoranthene	40.000	39.701	0.7	95	-0.01
89		Benzo(k)fluoranthene	40.000	39.480	1.3	96	-0.01
90	C	Benzo(a)pyrene	40.000	39.359	1.6	94	-0.02
91		Dibenzo(a,h)anthracene	40.000	39.730	0.7	95	-0.05
92		Benzo(g,h,i)perylene	40.000	39.895	0.3	96	-0.01

Sample Results: **BP025792.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
Data File : BP025792.D
Acq On : 19 Sep 2025 10:12
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Sep 19 11:23:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

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

Sample Results: **BP025792.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
Data File : BP025792.D
Acq On : 19 Sep 2025 10:12
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Sep 19 11:23:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

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	126	-0.01
2		1,4-Dioxane	0.520	0.520	0.0	120	0.00
3		Pyridine	1.432	1.386	3.2	112	0.00
4		n-Nitrosodimethylamine	0.676	0.654	3.3	114	0.00
5	S	2-Fluorophenol	1.240	1.228	1.0	114	-0.01
6		Aniline	2.262	2.104	7.0	106	-0.01
7	S	Phenol-d6	1.648	1.562	5.2	106	-0.01
8		2-Chlorophenol	1.360	1.310	3.7	109	-0.01
9		Benzaldehyde	0.987	1.065	-7.9	153#	-0.01
10	C	Phenol	1.737	1.651	5.0	106	-0.01
11		bis(2-Chloroethyl)ether	1.396	1.332	4.6	108	0.00
12		1,3-Dichlorobenzene	1.548	1.478	4.5	111	-0.01
13	C	1,4-Dichlorobenzene	1.576	1.503	4.6	112	0.00
14		1,2-Dichlorobenzene	1.531	1.448	5.4	110	-0.01
15		Benzyl Alcohol	1.361	1.228	9.8	102	-0.01
16		2,2'-oxybis(1-Chloropropane	2.282	2.240	1.8	113	-0.01
17		2-Methylphenol	1.171	1.104	5.7	106	-0.01
18		Hexachloroethane	0.602	0.587	2.5	114	-0.01
19	P	n-Nitroso-di-n-propylamine	1.149	1.058	7.9	101	-0.01
20		3+4-Methylphenols	1.640	1.467	10.5	102	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	115	-0.01
22		Acetophenone	0.534	0.523	2.1	102	-0.01
23	S	Nitrobenzene-d5	0.453	0.446	1.5	103	-0.01
24		Nitrobenzene	0.407	0.402	1.2	103	-0.02
25		Isophorone	0.797	0.758	4.9	101	0.00
26	C	2-Nitrophenol	0.181	0.183	-1.1	104	-0.01
27		2,4-Dimethylphenol	0.317	0.312	1.6	101	-0.01
28		bis(2-Chloroethoxy)methane	0.461	0.460	0.2	106	-0.02
29	C	2,4-Dichlorophenol	0.316	0.311	1.6	102	0.00
30		1,2,4-Trichlorobenzene	0.356	0.349	2.0	106	-0.01
31		Naphthalene	1.078	1.036	3.9	104	-0.02
32		Benzoic acid	0.236	0.212	10.2	93	-0.01
33		4-Chloroaniline	0.449	0.439	2.2	99	-0.01
34	C	Hexachlorobutadiene	0.229	0.218	4.8	104	-0.02
35		Caprolactam	0.122	0.108	11.5	94	-0.02
36	C	4-Chloro-3-methylphenol	0.377	0.355	5.8	99	-0.01
37		2-Methylnaphthalene	0.693	0.653	5.8	101	-0.01
38		1-Methylnaphthalene	0.739	0.694	6.1	100	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	109	-0.01
40		1,2,4,5-Tetrachlorobenzene	0.606	0.607	-0.2	100	-0.01
41	P	Hexachlorocyclopentadiene	0.330	0.324	1.8	93	-0.01
42	S	2,4,6-Tribromophenol	0.249	0.234	6.0	92	-0.02
43	C	2,4,6-Trichlorophenol	0.398	0.404	-1.5	99	-0.02
44		2,4,5-Trichlorophenol	0.443	0.444	-0.2	97	-0.01
45	S	2-Fluorobiphenyl	1.502	1.472	2.0	101	-0.01
46		1,1'-Biphenyl	1.468	1.478	-0.7	102	-0.01
47		2-Chloronaphthalene	1.156	1.140	1.4	100	-0.02

Sample Results: **BP025792.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
Data File : BP025792.D
Acq On : 19 Sep 2025 10:12
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Sep 19 11:23:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

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	0.385	0.388	-0.8	96	-0.02
49		Acenaphthylene	1.915	1.848	3.5	98	-0.02
50		Dimethylphthalate	1.527	1.459	4.5	96	-0.02
51		2,6-Dinitrotoluene	0.324	0.327	-0.9	100	-0.02
52	C	Acenaphthene	1.104	1.057	4.3	97	-0.02
53		3-Nitroaniline	0.340	0.339	0.3	94	-0.02
54	P	2,4-Dinitrophenol	0.183	0.178	2.7	93	-0.02
55		Dibenzofuran	1.800	1.711	4.9	97	-0.02
56	P	4-Nitrophenol	0.258	0.244	5.4	87	0.00
57		2,4-Dinitrotoluene	0.460	0.457	0.7	96	-0.01
58		Fluorene	1.431	1.343	6.1	95	-0.02
59		2,3,4,6-Tetrachlorophenol	0.399	0.387	3.0	95	-0.02
60		Diethylphthalate	1.549	1.476	4.7	98	-0.02
61		4-Chlorophenyl-phenylether	0.721	0.669	7.2	95	-0.02
62		4-Nitroaniline	0.349	0.351	-0.6	95	-0.02
63		Azobenzene	1.498	1.458	2.7	97	-0.01
64	I	Phenanthrene-d10	1.000	1.000	0.0	104	-0.01
65		4,6-Dinitro-2-methylphenol	0.133	0.134	-0.8	93	-0.02
66	c	n-Nitrosodiphenylamine	0.612	0.616	-0.7	97	-0.01
67		4-Bromophenyl-phenylether	0.220	0.220	0.0	97	-0.01
68		Hexachlorobenzene	0.245	0.236	3.7	95	-0.01
69		Atrazine	0.234	0.230	1.7	93	-0.01
70	C	Pentachlorophenol	0.162	0.160	1.2	93	-0.01
71		Phenanthrene	1.135	1.108	2.4	95	-0.01
72		Anthracene	1.151	1.139	1.0	96	-0.01
73		Carbazole	1.070	1.053	1.6	94	-0.01
74		Di-n-butylphthalate	1.313	1.304	0.7	95	0.00
75	C	Fluoranthene	1.361	1.339	1.6	97	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	102	-0.02
77		Benzidine	0.576	0.797	-38.4#	124	-0.01
78		Pyrene	1.335	1.325	0.7	94	0.00
79	S	Terphenyl-d14	1.112	1.080	2.9	93	-0.02
80		Butylbenzylphthalate	0.585	0.598	-2.2	94	-0.02
81		Benzo(a)anthracene	1.369	1.318	3.7	92	-0.02
82		3,3'-Dichlorobenzidine	0.473	0.476	-0.6	93	-0.02
83		Chrysene	1.305	1.279	2.0	95	-0.02
84		Bis(2-ethylhexyl)phthalate	0.856	0.864	-0.9	93	-0.02
85	c	Di-n-octyl phthalate	1.523	1.524	-0.1	93	-0.02
86	I	Perylene-d12	1.000	1.000	0.0	104	-0.03
87		Indeno(1,2,3-cd)pyrene	1.454	1.449	0.3	94	-0.05
88		Benzo(b)fluoranthene	1.223	1.214	0.7	95	-0.01
89		Benzo(k)fluoranthene	1.248	1.232	1.3	96	-0.01
90	C	Benzo(a)pyrene	1.198	1.179	1.6	94	-0.02
91		Dibenzo(a,h)anthracene	1.190	1.182	0.7	95	-0.05
92		Benzo(g,h,i)perylene	1.170	1.167	0.3	96	-0.01

Sample Results: **BP025792.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
Data File : BP025792.D
Acq On : 19 Sep 2025 10:12
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Sep 19 11:23:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

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

QC SAMPLE DATA

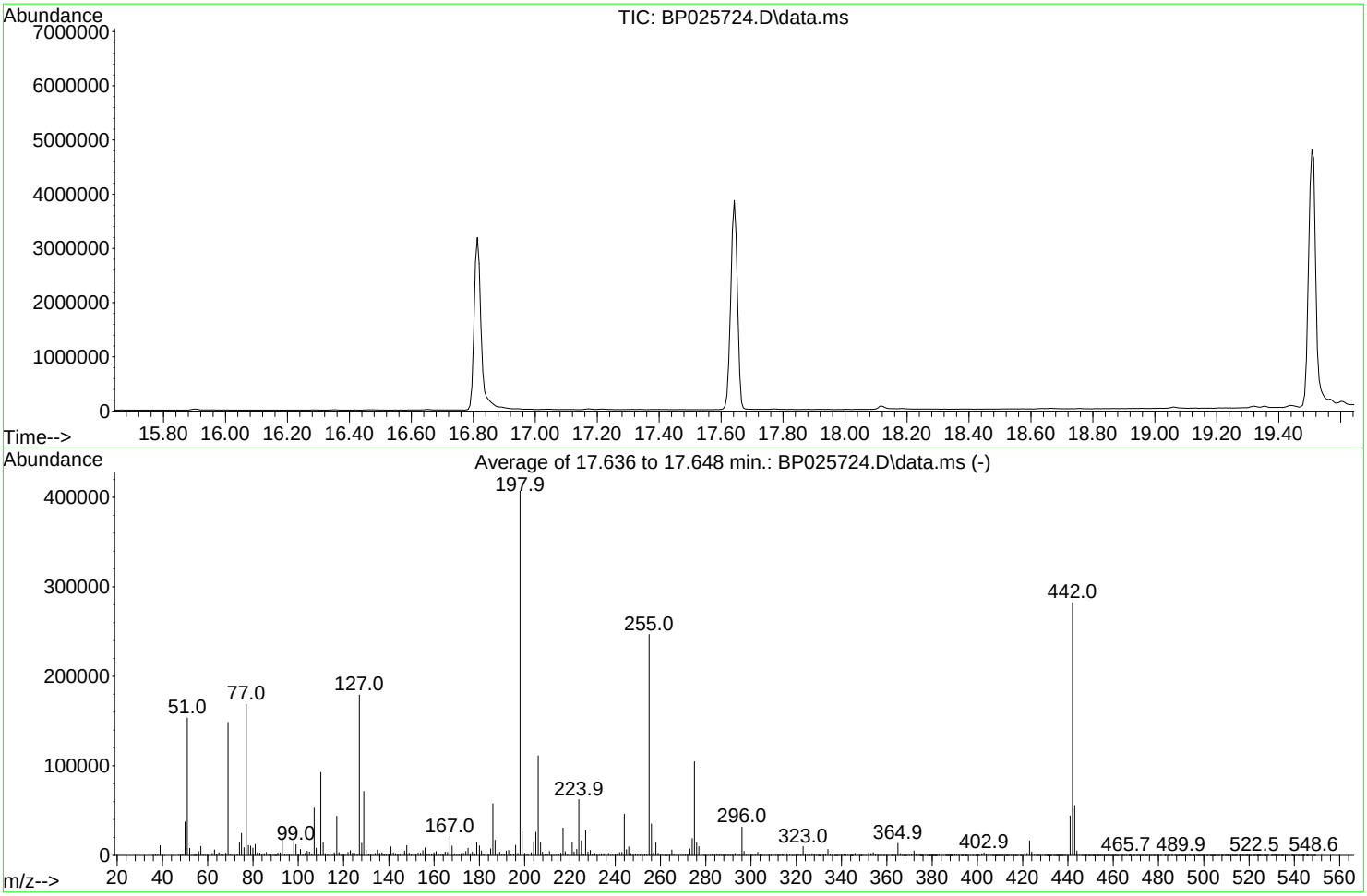
Sample Results: **BP025724.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025724.D
Acq On : 11 Sep 2025 08:09
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-BP091225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Sep 11 16:45:04 2025



AutoFind: Scans 2499, 2500, 2501; Background Corrected with Scan 2490

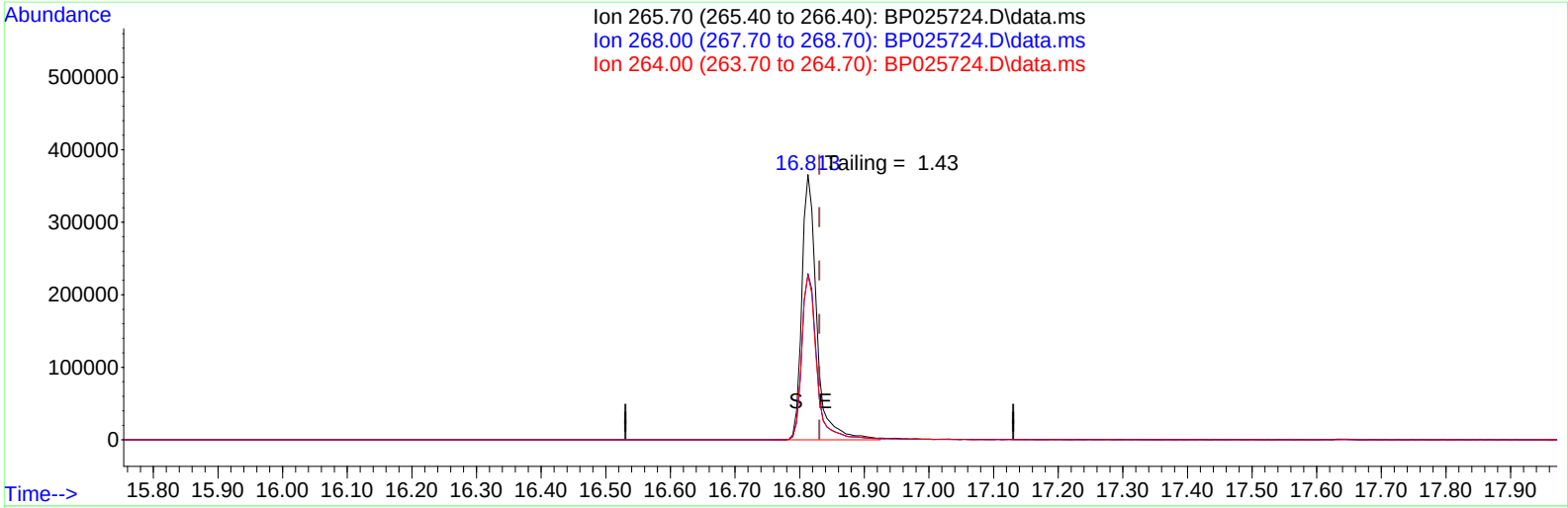
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.6	2392	PASS
69	69	100	100	100.0	148681	PASS
70	69	0.00	2	0.5	775	PASS
197	198	0.00	2	0.6	2274	PASS
198	198	100	100	100.0	407104	PASS
199	198	5	9	6.6	26775	PASS
365	198	1	100	3.3	13409	PASS
441	443	0.01	150	79.1	44067	PASS
442	442	100	100	100.0	282368	PASS
443	442	15	24	19.7	55680	PASS

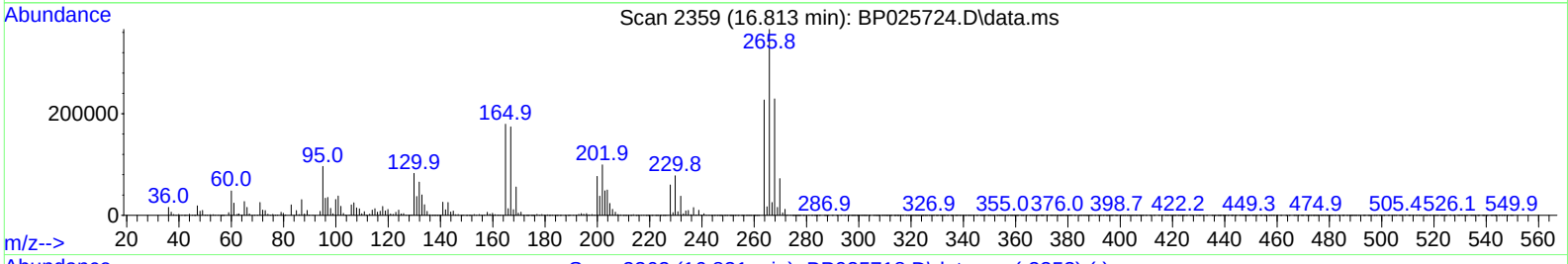
Sample Results: **BP025724.D**

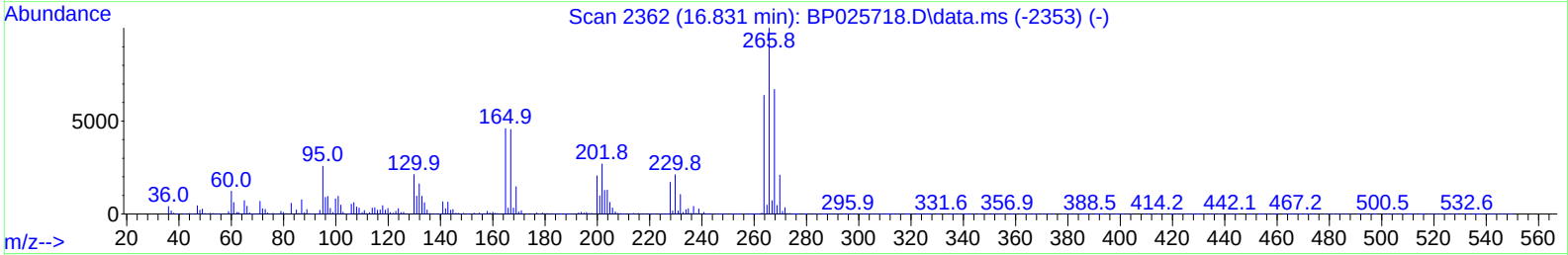
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025724.D
Acq On : 11 Sep 2025 08:09
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Sep 11 12:58:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 09:20:45 2025
Response via : Initial Calibration







TIC: BP025724.D\data.ms

(70) Pentachlorophenol (C)

16.813min (-0.018) 7217.81 ng

response 589827

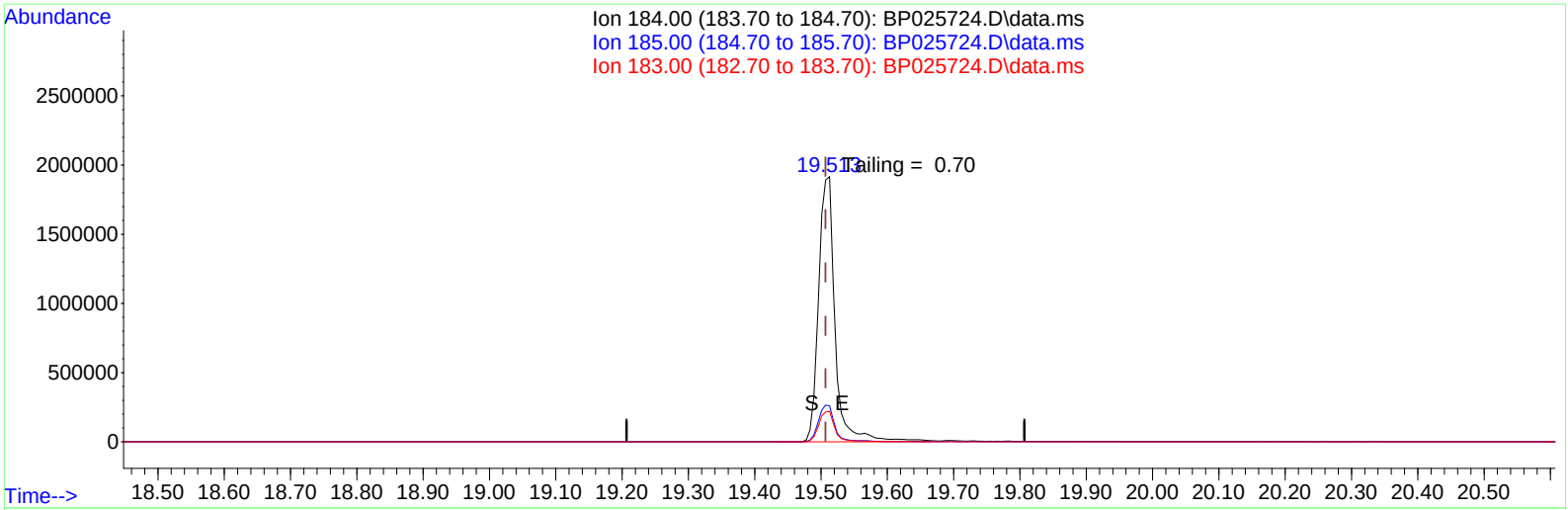
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	67.10	62.64
264.00	63.80	62.05
0.00	0.00	0.00

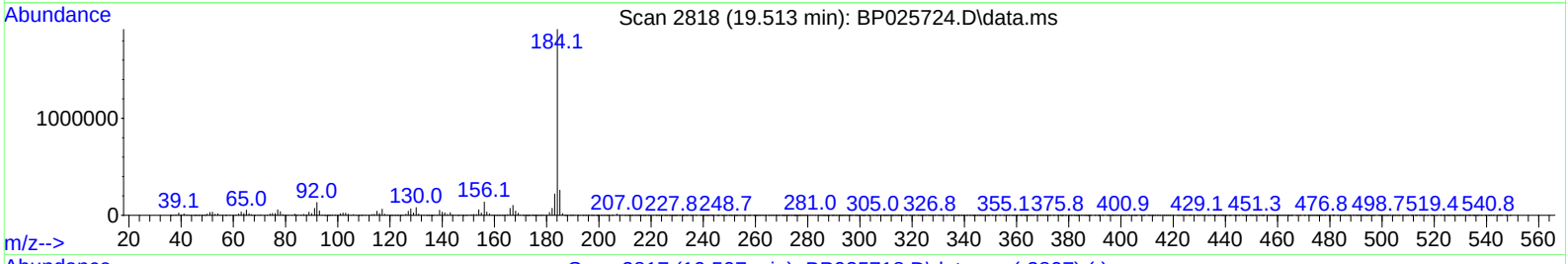
Sample Results: **BP025724.D**

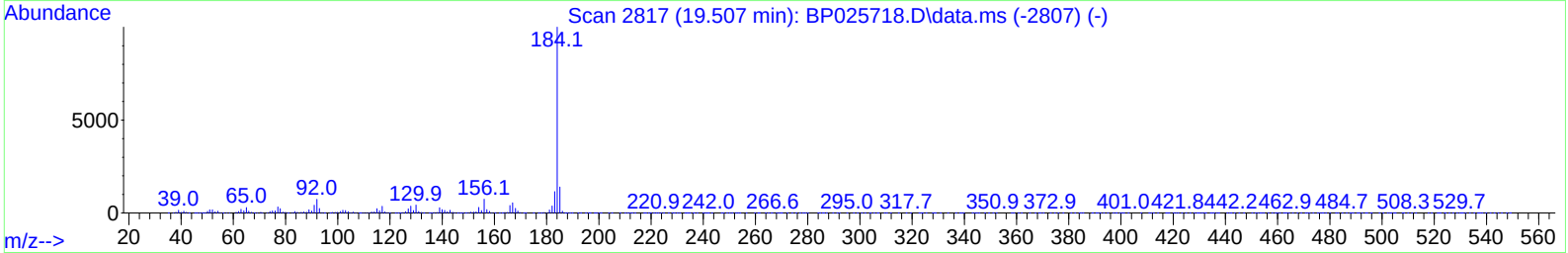
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091225\
Data File : BP025724.D
Acq On : 11 Sep 2025 08:09
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Sep 11 12:58:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 09:20:45 2025
Response via : Initial Calibration







TIC: BP025724.D\data.ms

(77) Benzidine

19.513min (+ 0.006) 4369.52 ng

response 3272403

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.00	13.55
183.00	11.50	11.52
0.00	0.00	0.00

DDT Breakdown

Date	Instrument Name	DFTPP Data File
9/12/2025	BNA_P	BP025724.D
Compound Name	**Response**	**Retention Time**
DDT	1712718	20.801
DDD	33235	20.342
DDE	3389	19.813
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
36624	1749342	2.09

Instrument :
BNA_P
ClientSampleId :
DFTPP

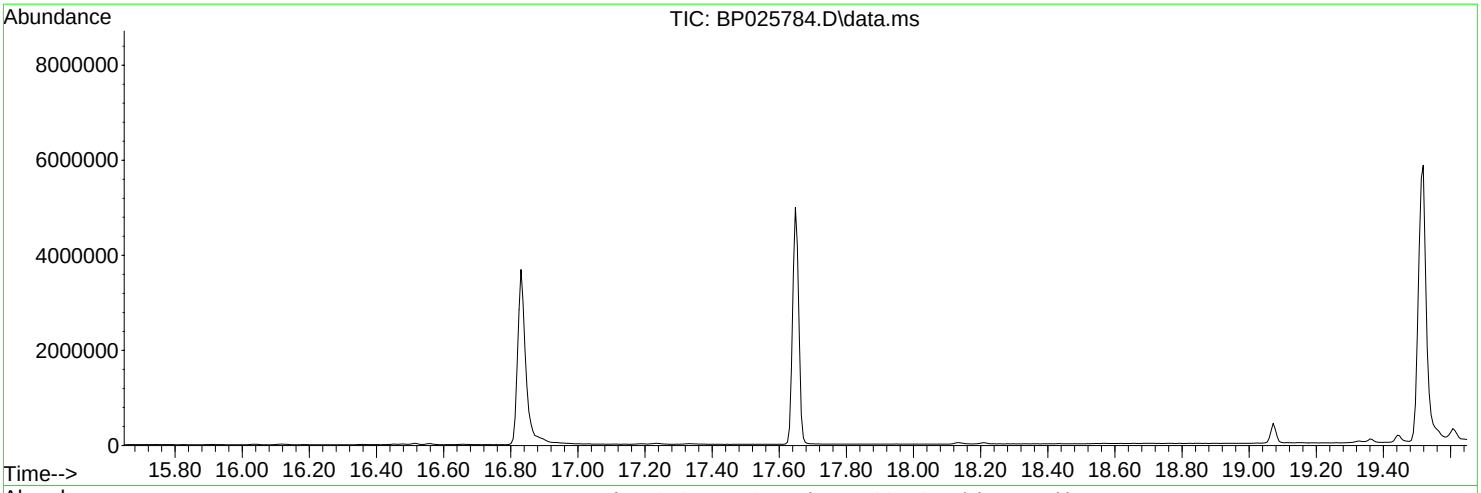
Sample Results: **BP025784.D**

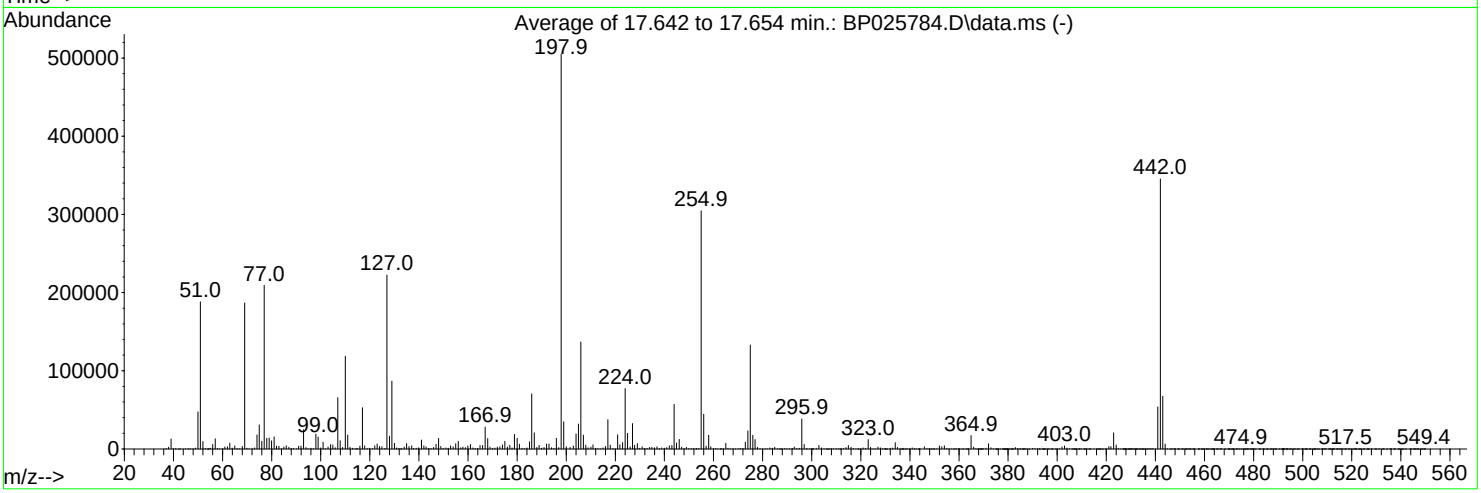
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091825\
Data File : BP025784.D
Acq On : 18 Sep 2025 16:01
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Integration File: rteint.p

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





AutoFind: Scans 2500, 2501, 2502; Background Corrected with Scan 2488

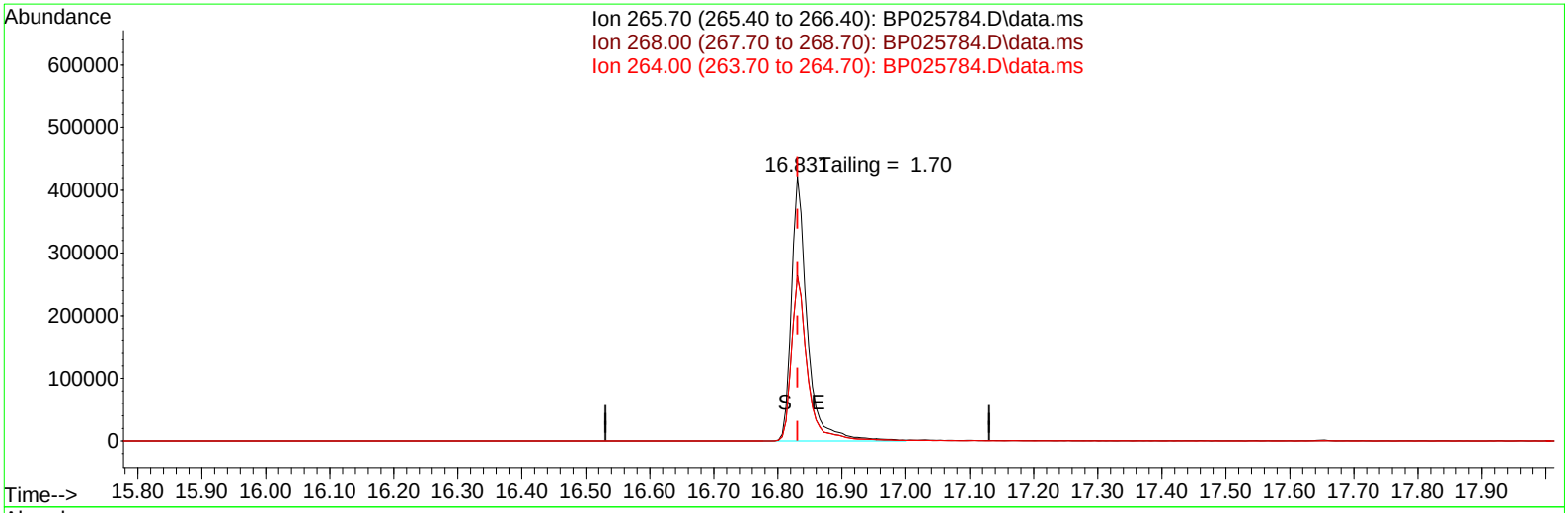
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.7	3125	PASS
69	69	100	100	100.0	186779	PASS
70	69	0.00	2	0.5	918	PASS
197	198	0.00	2	0.4	1837	PASS
198	198	100	100	100.0	505058	PASS
199	198	5	9	6.9	34667	PASS
365	198	1	100	3.4	17024	PASS
441	443	0.01	150	79.8	53688	PASS
442	442	100	100	100.0	345451	PASS
443	442	15	24	19.5	67317	PASS

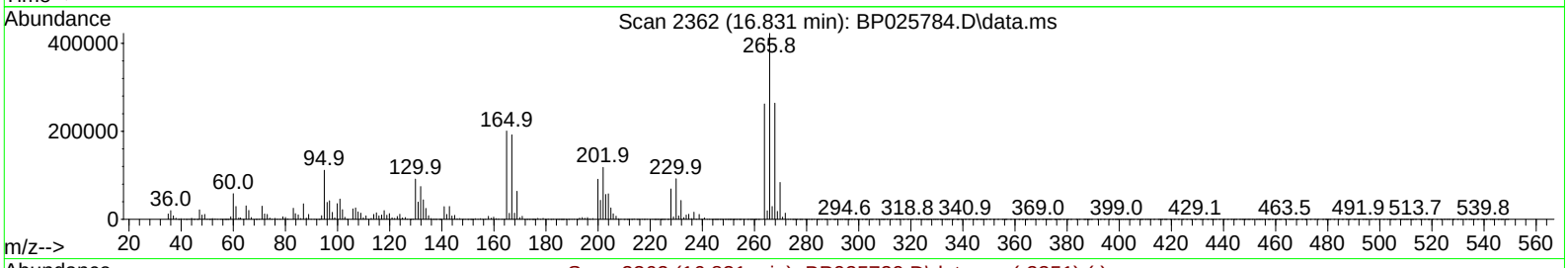
Sample Results: **BP025784.D**

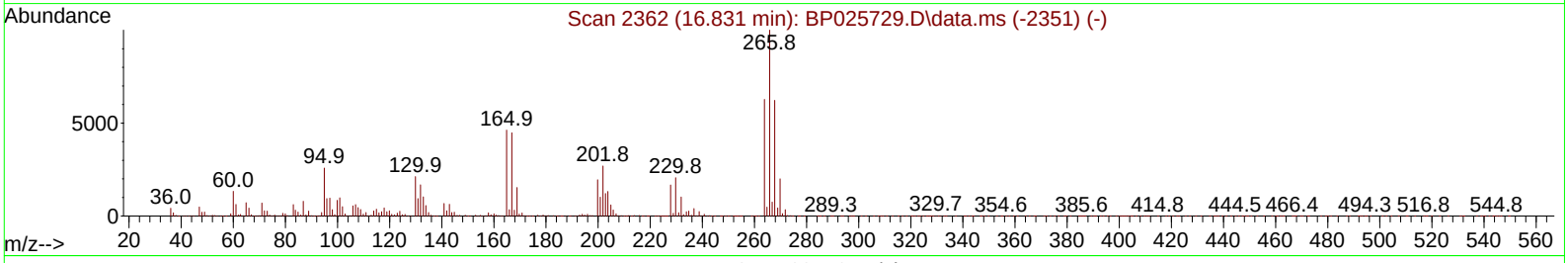
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091825\
Data File : BP025784.D
Acq On : 18 Sep 2025 16:01
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Sep 18 18:21:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration







TIC: BP025784.D\data.ms

(70) Pentachlorophenol (C)

16.831min (-0.000) 11114.00 ng

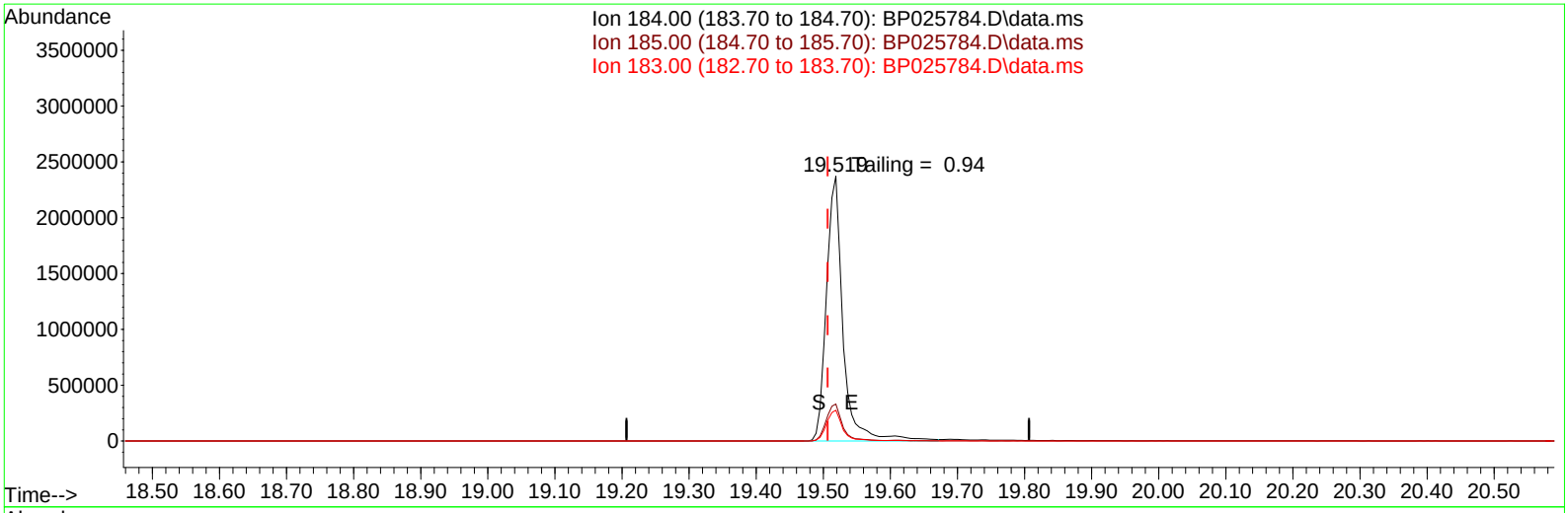
response 729339

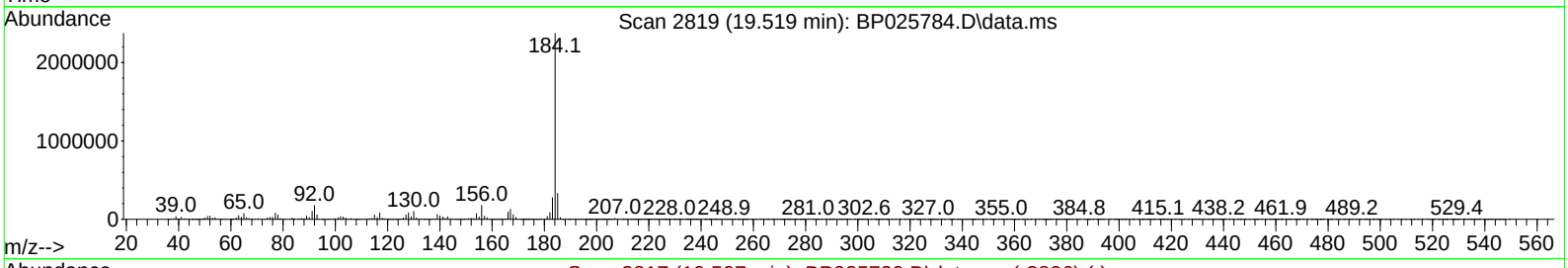
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	62.30	62.43
264.00	62.70	62.01
0.00	0.00	0.00

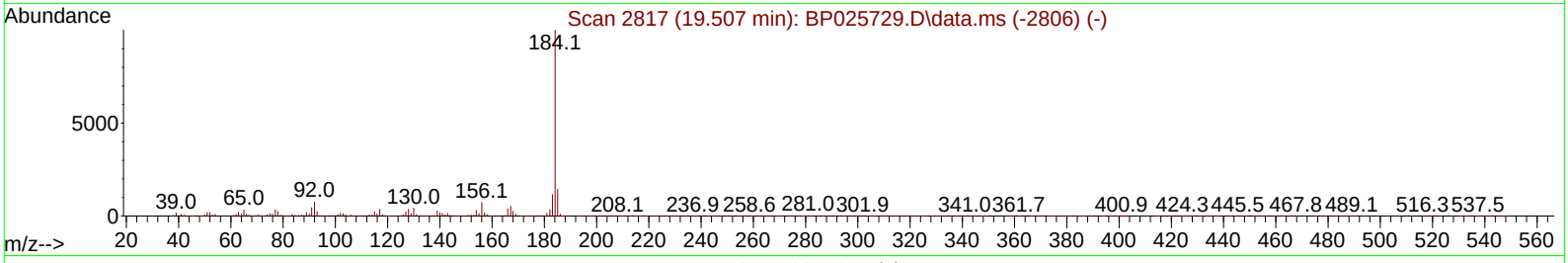
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091825\
Data File : BP025784.D
Acq On : 18 Sep 2025 16:01
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Sep 18 18:21:49 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration







TIC: BP025784.D\data.ms

(77) Benzidine

19.519min (+ 0.012) 12920.41 ng

response 3968149

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.40	13.97
183.00	11.50	11.62
0.00	0.00	0.00

DDT Breakdown

Date	Instrument Name	DFTPP Data File
9/18/2025	BNA_P	BP025784.D
Compound Name	**Response**	**Retention Time**
DDT	2084306	20.807
DDD	38082	20.348
DDE	1142	19.072
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
39224	2123530	1.85

Instrument :
BNA_P
ClientSampleId :
DFTPP

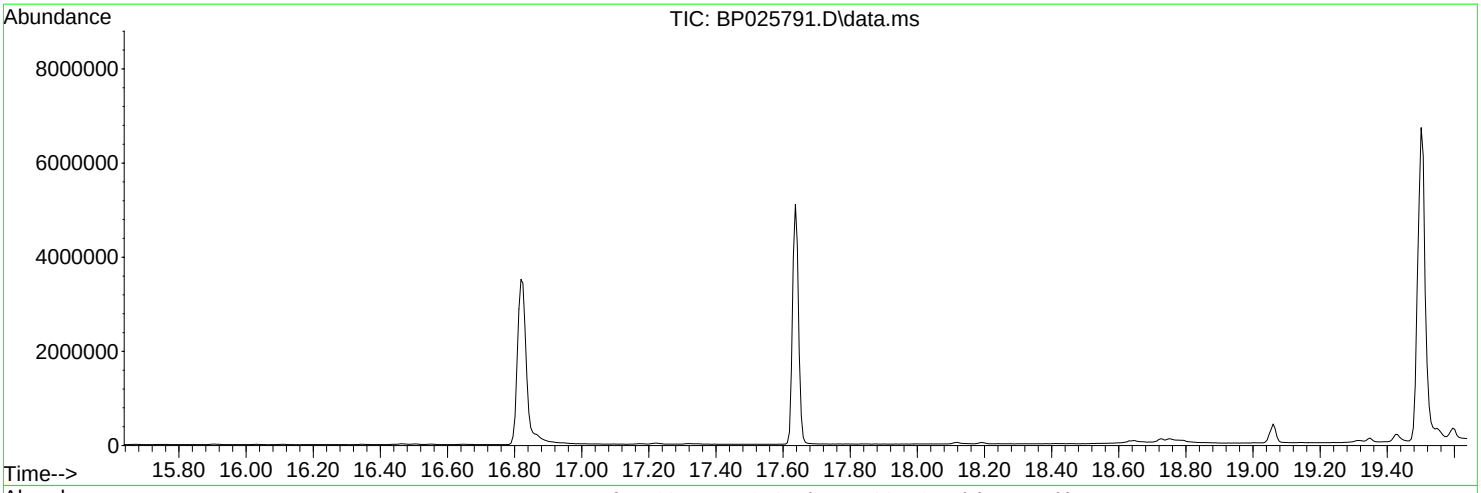
Sample Results: **BP025791.D**

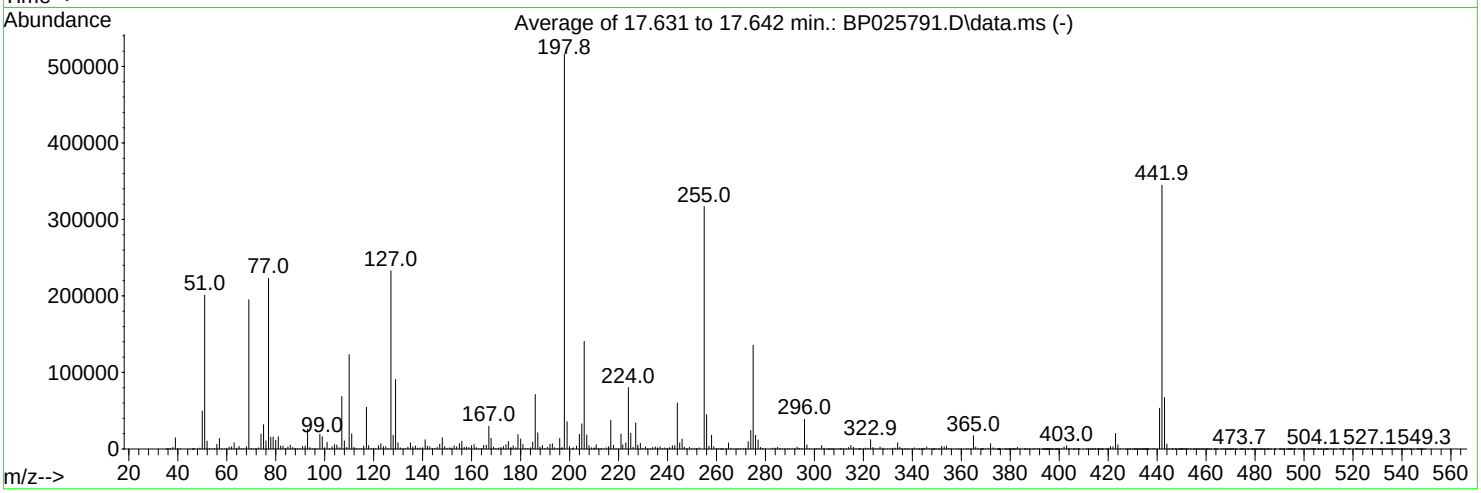
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
Data File : BP025791.D
Acq On : 19 Sep 2025 09:31
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Integration File: rteint.p

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





AutoFind: Scans 2498, 2499, 2500; Background Corrected with Scan 2486

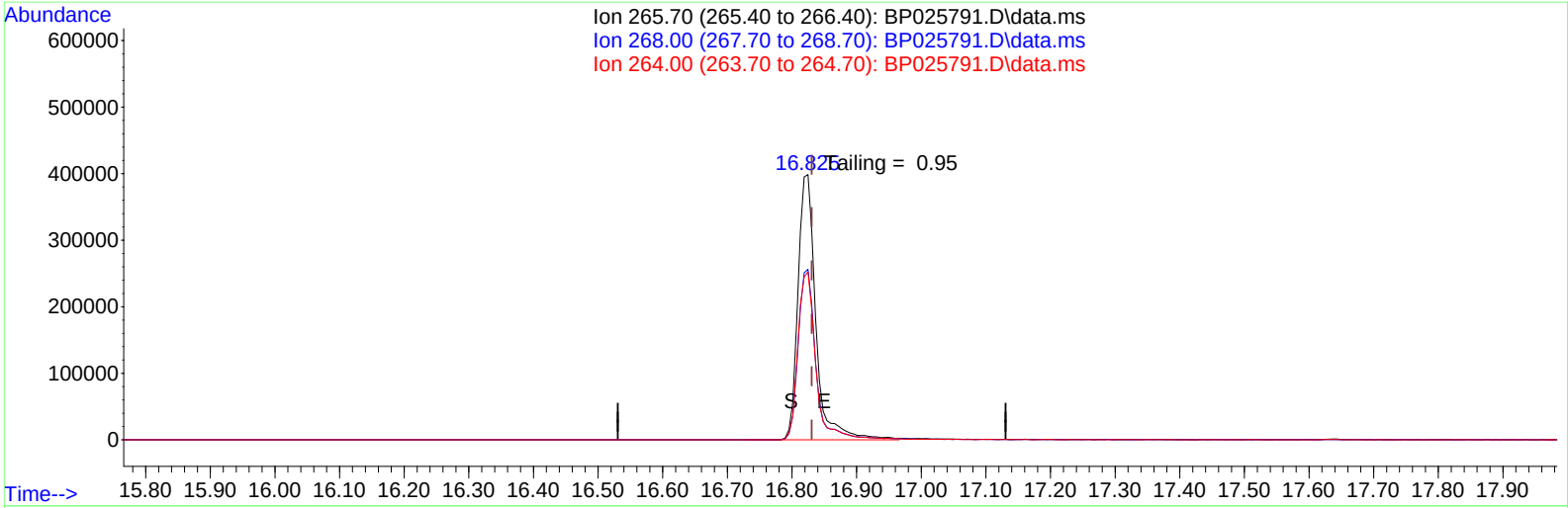
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
68	69	0.00	2	1.6	3128	PASS
69	69	100	100	100.0	195186	PASS
70	69	0.00	2	0.5	1034	PASS
197	198	0.00	2	0.4	1886	PASS
198	198	100	100	100.0	516192	PASS
199	198	5	9	6.9	35363	PASS
365	198	1	100	3.4	17349	PASS
441	443	0.01	150	79.2	53216	PASS
442	442	100	100	100.0	344742	PASS
443	442	15	24	19.5	67192	PASS

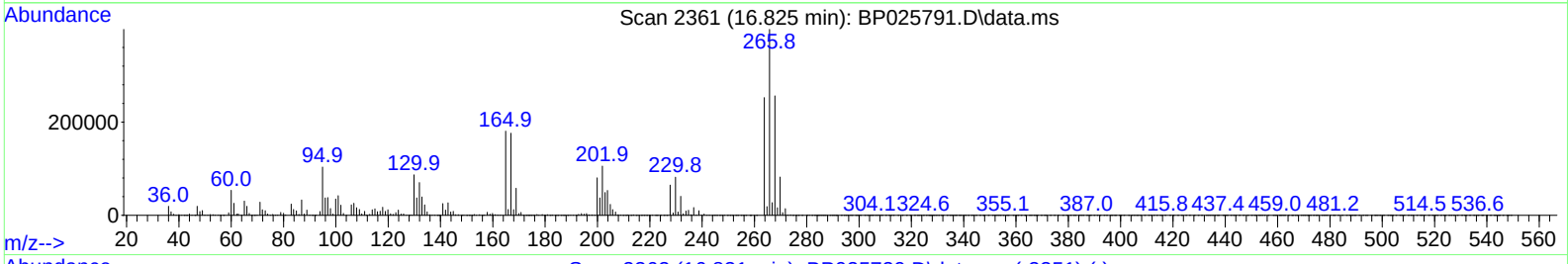
Sample Results: **BP025791.D**

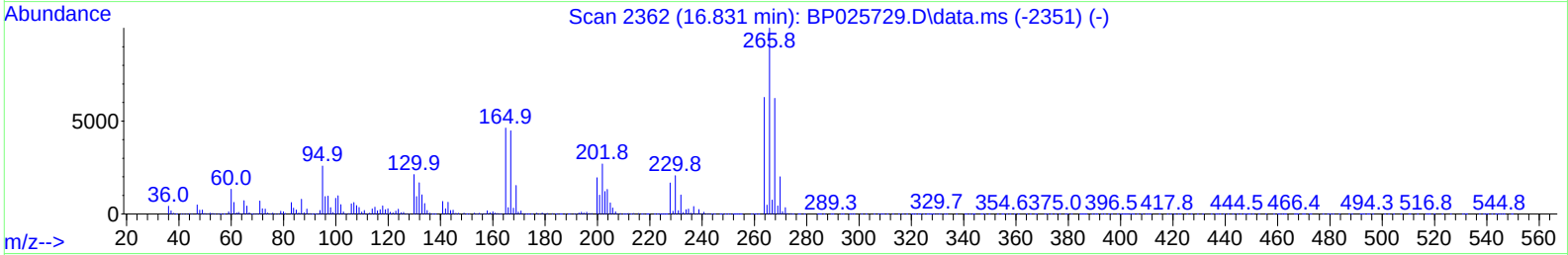
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
Data File : BP025791.D
Acq On : 19 Sep 2025 09:31
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Sep 19 11:12:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration







TIC: BP025791.D\data.ms

(70) Pentachlorophenol (C)

16.825min (-0.006) 12969.34 ng

response 772758

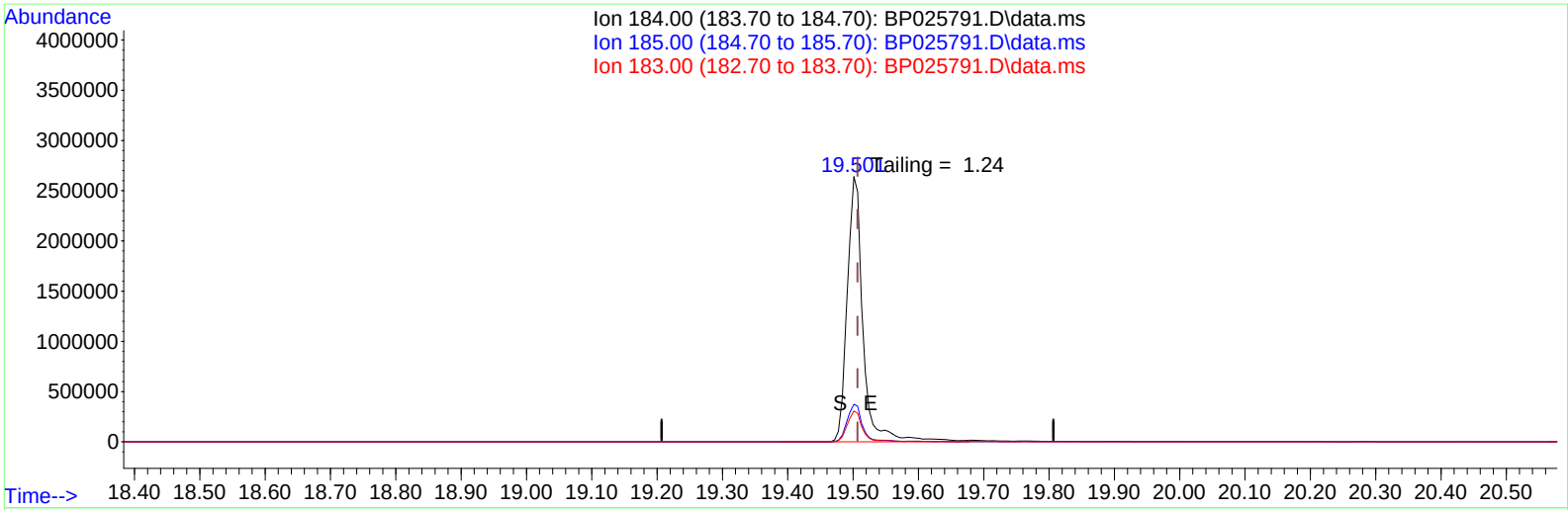
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	62.30	64.28
264.00	62.70	63.32
0.00	0.00	0.00

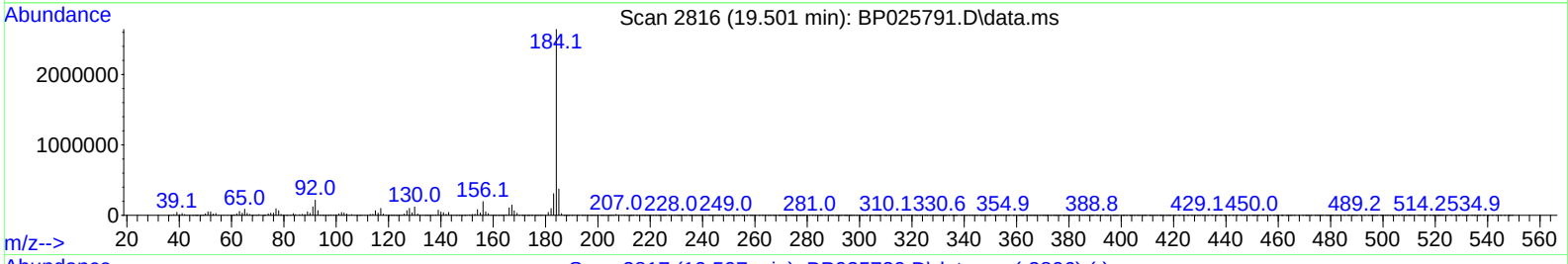
Sample Results: **BP025791.D**

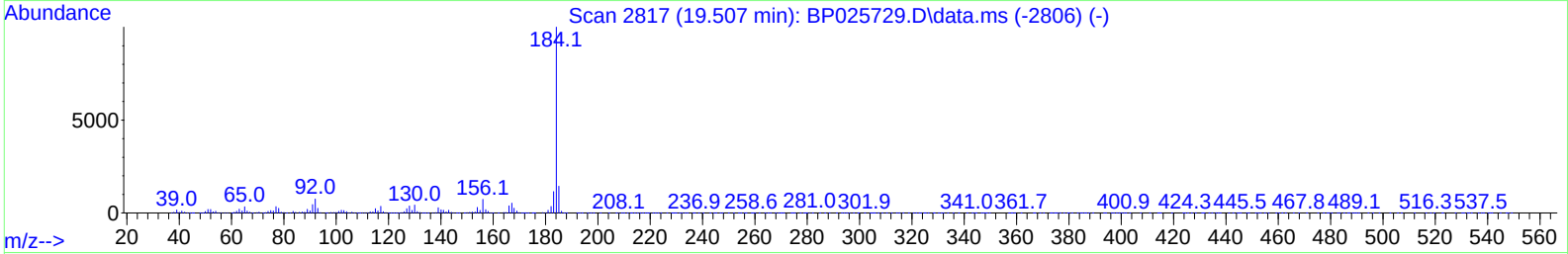
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
Data File : BP025791.D
Acq On : 19 Sep 2025 09:31
Operator : CG/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Sep 19 11:12:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration







TIC: BP025791.D\data.ms

(77) Benzidine

19.501min (-0.006) 14332.79 ng

response 4314810

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.40	14.17
183.00	11.50	11.63
0.00	0.00	0.00

DDT Breakdown

Date	Instrument Name	DFTPP Data File
9/19/2025	BNA_P	BP025791.D
Compound Name	**Response**	**Retention Time**
DDT	2212712	20.795
DDD	41408	20.336
DDE	8406	19.801
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
49814	2262526	2.20

Instrument :
BNA_P
ClientSampleId :
DFTPP

Raw Data: **BP025788.D**

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

Report of Analysis

Client:	Ardmore Chemical	Date Collected:	
Project:	PVSC Monthly 2025	Date Received:	
Client Sample ID:	PB169718BL	SDG No.:	Q3098
Lab Sample ID:	PB169718BL	Matrix:	Water
Analytical Method:	625.1	% 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 :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025788.D	1	09/17/25 08:35	09/18/25 19:28	PB169718

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
62-75-9	n-Nitrosodimethylamine	0.86	U	0.86	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
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1.30	5.00	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.40	U	1.40	5.00	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
120-82-1	1,2,4-Trichlorobenzene	0.54	U	0.54	5.00	ug/L
91-20-3	Naphthalene	0.50	U	0.50	5.00	ug/L
87-68-3	Hexachlorobutadiene	0.54	U	0.54	5.00	ug/L
59-50-7	4-Chloro-3-methylphenol	0.59	U	0.59	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
91-58-7	2-Chloronaphthalene	0.61	U	0.61	5.00	ug/L
131-11-3	Dimethylphthalate	0.61	U	0.61	5.00	ug/L
208-96-8	Acenaphthylene	0.75	U	0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	0.92	U	0.92	5.00	ug/L
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
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

Raw Data: **BP025788.D**

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

Report of Analysis

Client:	Ardmore Chemical			Date Collected:	
Project:	PVSC Monthly 2025			Date Received:	
Client Sample ID:	PB169718BL			SDG No.:	Q3098
Lab Sample ID:	PB169718BL			Matrix:	Water
Analytical Method:	625.1			% 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 :	3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025788.D	1	09/17/25 08:35	09/18/25 19:28	PB169718

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
86-73-7	Fluorene	0.63	U	0.63	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
103-33-3	Azobenzene	0.81	U	0.81	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
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
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
92-87-5	Benzidine	4.30	U	4.30	10.0	ug/L
129-00-0	Pyrene	0.50	U	0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	1.90	U	1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	0.93	U	0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	0.45	U	0.45	5.00	ug/L
218-01-9	Chrysene	0.44	U	0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.60	U	1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	2.30	U	2.30	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	0.49	U	0.49	5.00	ug/L
207-08-9	Benzo(k)fluoranthene	0.48	U	0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	0.55	U	0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.59	U	0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.67	U	0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	0.69	U	0.69	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	90.8		60 - 140	91%	SPK: 100
13127-88-3	Phenol-d6	83.2		60 - 140	83%	SPK: 100
4165-60-0	Nitrobenzene-d5	79.5		60 - 140	80%	SPK: 100
321-60-8	2-Fluorobiphenyl	82.6		60 - 140	83%	SPK: 100

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

Report of Analysis

Client:	Ardmore Chemical			Date Collected:	
Project:	PVSC Monthly 2025			Date Received:	
Client Sample ID:	PB169718BL			SDG No.:	Q3098
Lab Sample ID:	PB169718BL			Matrix:	Water
Analytical Method:	625.1			% 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 :	3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025788.D	1	09/17/25 08:35	09/18/25 19:28	PB169718

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	76.7		60 - 140	77%	SPK: 100
1718-51-0	Terphenyl-d14	81.8		60 - 140	82%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	154000	7.754			
1146-65-2	Naphthalene-d8	583000	10.519			
15067-26-2	Acenaphthene-d10	357000	14.383			
1517-22-2	Phenanthrene-d10	728000	17.189			
1719-03-5	Chrysene-d12	789000	21.642			
1520-96-3	Perylene-d12	800000	25			

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\BP091825\
Data File : BP025788.D
Acq On : 18 Sep 2025 19:28
Operator : CG/JU
Sample : PB169718BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169718BL

Quant Time: Sep 19 03:56:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.754	152	153939	20.000	ng	0.00
21) Naphthalene-d8	10.519	136	582617	20.000	ng	0.00
39) Acenaphthene-d10	14.383	164	356809	20.000	ng	0.00
64) Phenanthrene-d10	17.189	188	727748	20.000	ng	0.00
76) Chrysene-d12	21.642	240	788823	20.000	ng	0.00
86) Perylene-d12	25.000	264	800132	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.378	112	866352	90.809	ng	0.00
7) Phenol-d6	6.943	99	1054979	83.194	ng	0.00
23) Nitrobenzene-d5	8.895	82	1050320	79.522	ng	0.00
42) 2,4,6-Tribromophenol	15.907	330	341536	76.741	ng	0.00
45) 2-Fluorobiphenyl	12.989	172	2212511	82.564	ng	0.00
79) Terphenyl-d14	19.907	244	3584883	81.757	ng	0.00
Target Compounds						Qvalue

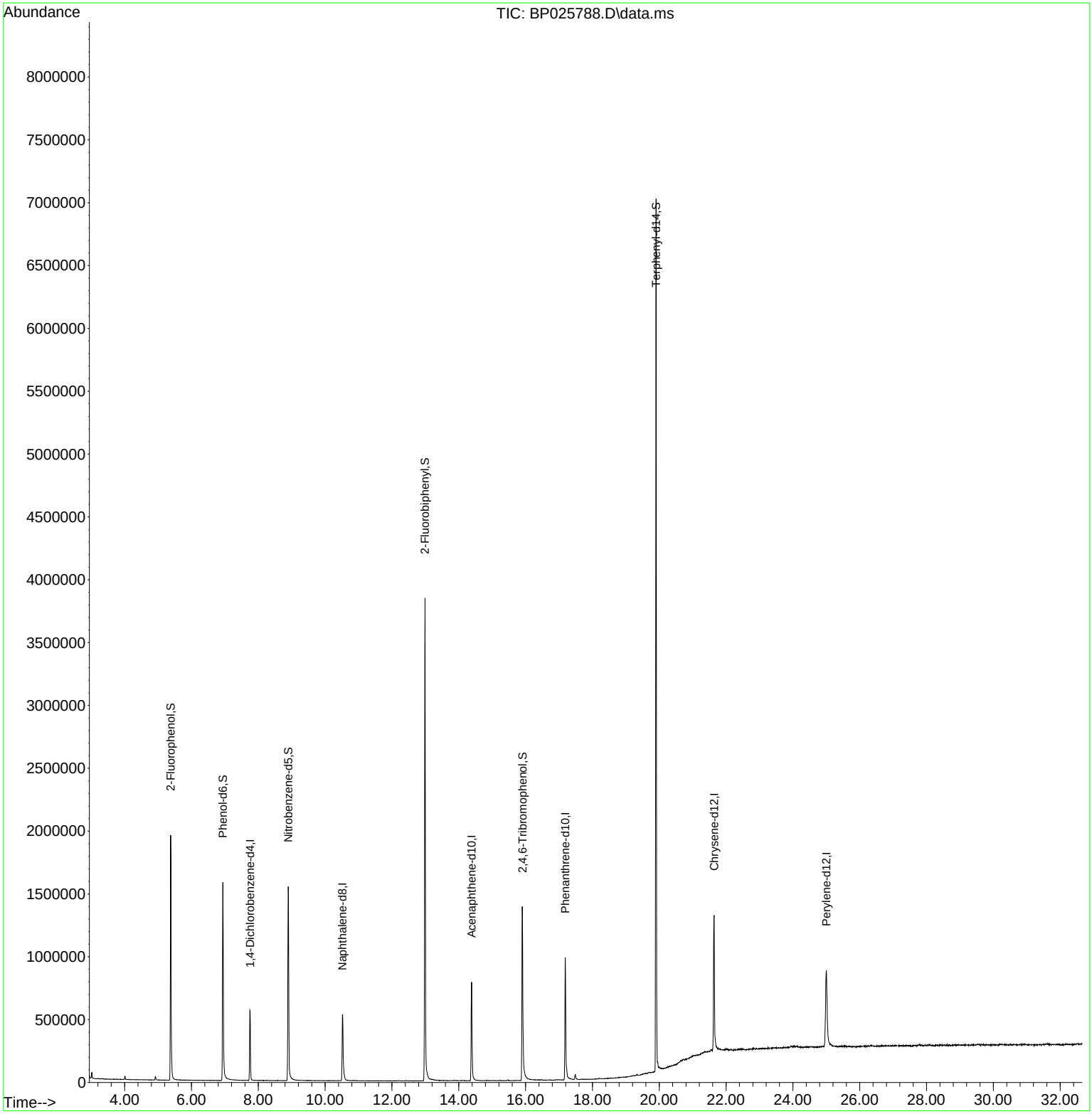
(#) = qualifier out of range (m) = manual integration (+) = signals summed

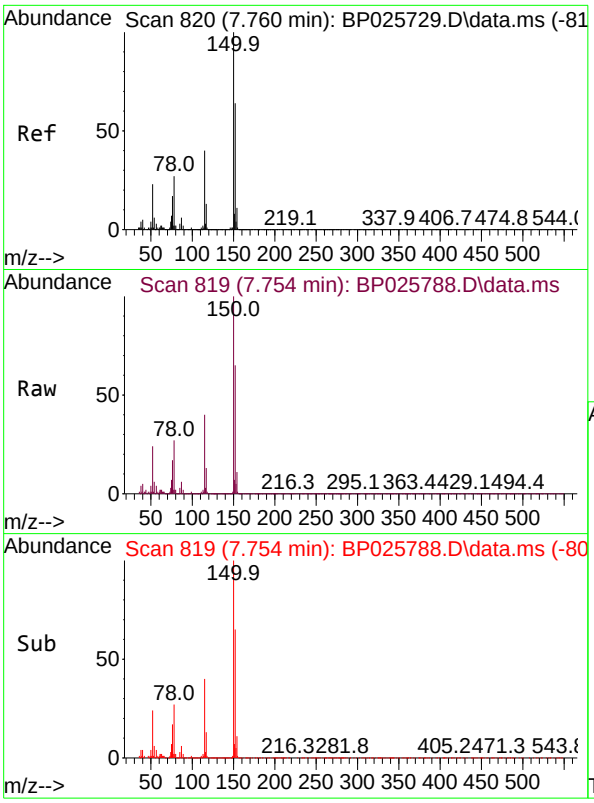
Sample Results: **BP025788.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091825\
Data File : BP025788.D
Acq On : 18 Sep 2025 19:28
Operator : CG/JU
Sample : PB169718BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169718BL

Quant Time: Sep 19 03:56:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration



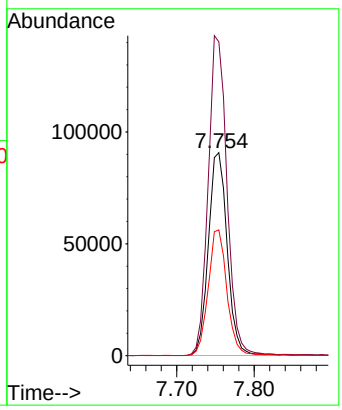


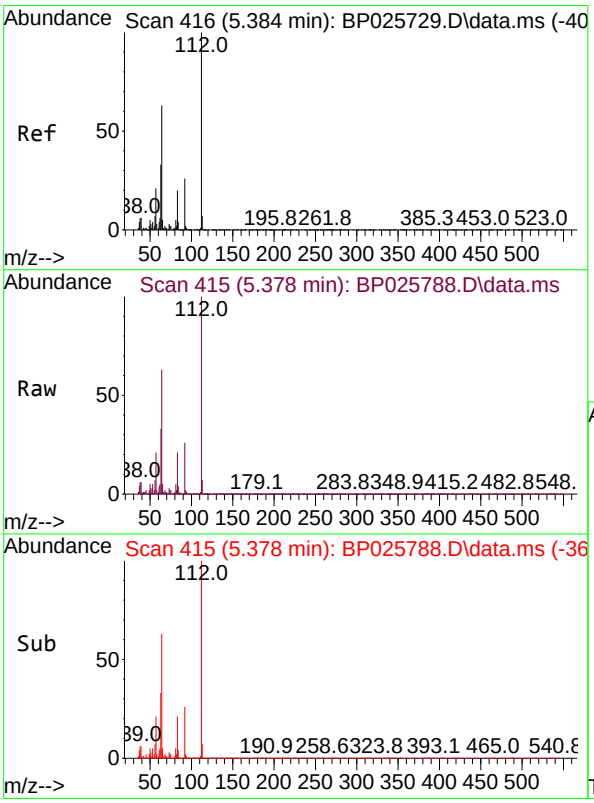
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.754 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP025788.D
Acq: 18 Sep 2025 19:28

Instrument :
BNA_P
ClientSampleId :
PB169718BL

Tgt Ion:152 Resp: 153939

Ion	Ratio	Lower	Upper
152	100		
150	154.6	124.3	186.5
115	61.9	50.3	75.5

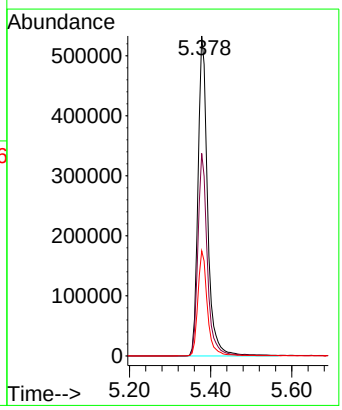


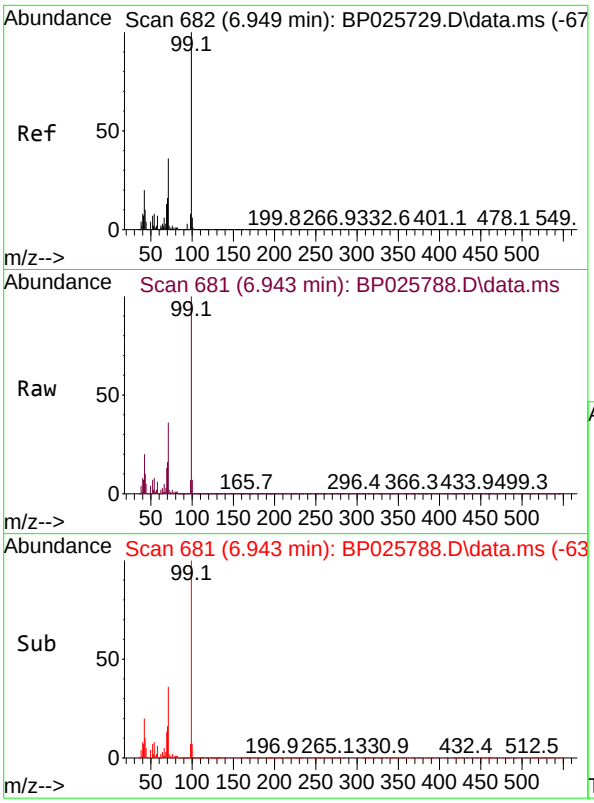


#5
2-Fluorophenol
Concen: 90.809 ng
RT: 5.378 min Scan# 415
Delta R.T. -0.006 min
Lab File: BP025788.D
Acq: 18 Sep 2025 19:28

Tgt Ion:112 Resp: 866352

Ion	Ratio	Lower	Upper
112	100		
64	63.3	50.2	75.4
63	32.8	26.7	40.1



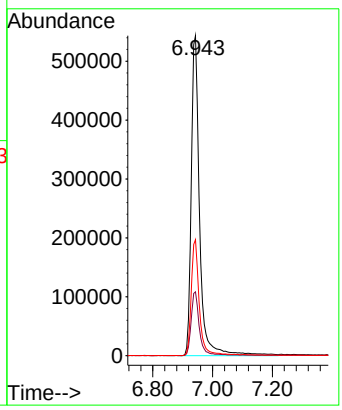


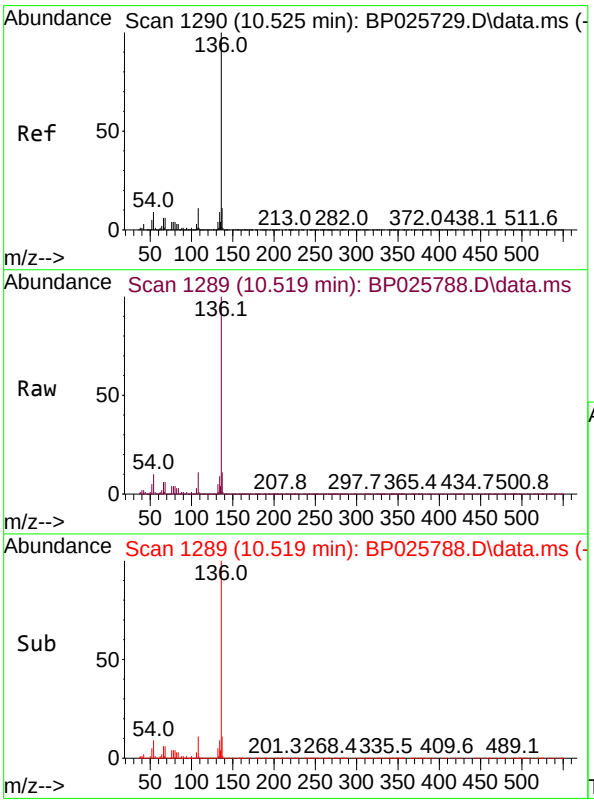
#7
Phenol-d6
Concen: 83.194 ng
RT: 6.943 min Scan# 68
Delta R.T. -0.006 min
Lab File: BP025788.D
Acq: 18 Sep 2025 19:28

Instrument :
BNA_P
ClientSampleId :
PB169718BL

Tgt Ion: 99 Resp: 1054979

Ion	Ratio	Lower	Upper
99	100		
42	19.9	15.6	23.4
71	36.2	28.6	43.0

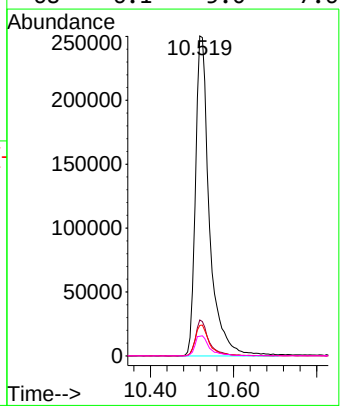


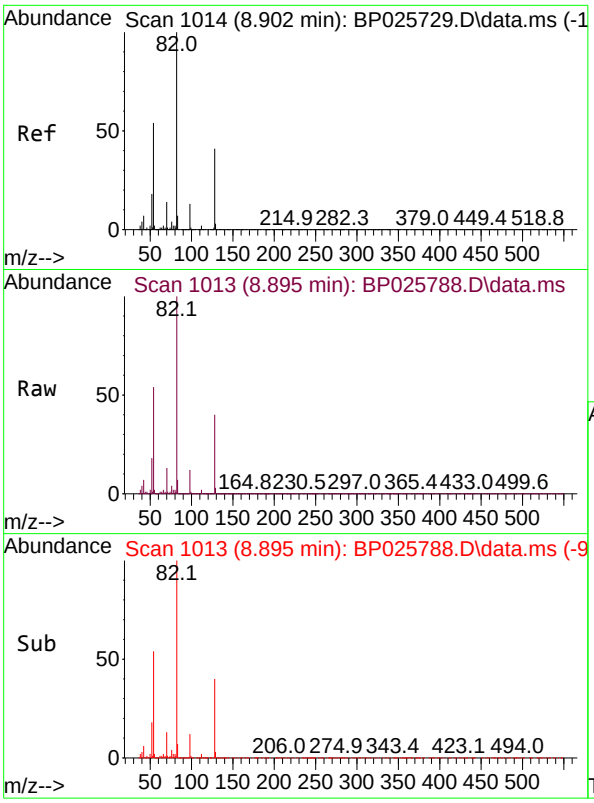


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.519 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BP025788.D
Acq: 18 Sep 2025 19:28

Tgt Ion:136 Resp: 582617

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	9.5	7.5	11.3
68	6.1	5.0	7.6



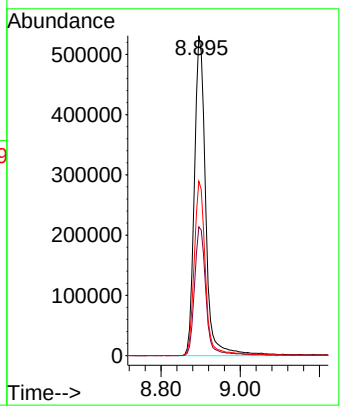


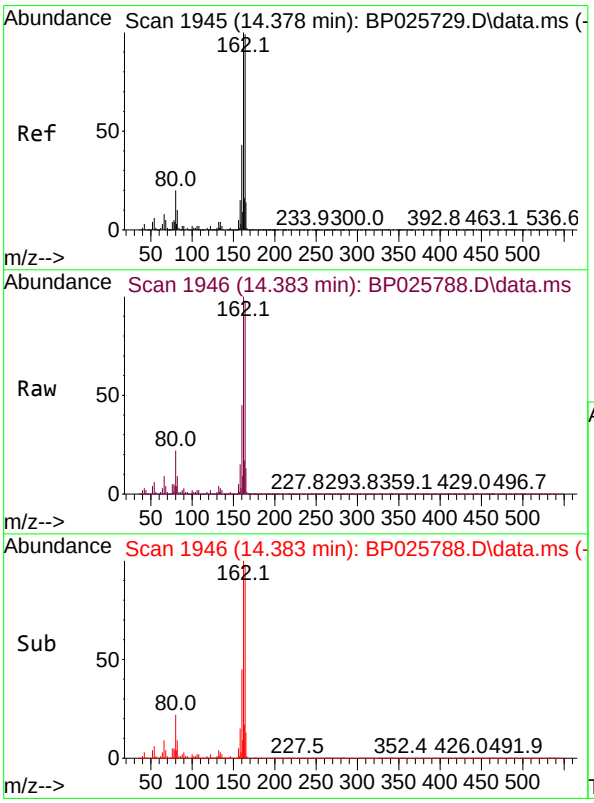
#23
Nitrobenzene-d5
Concen: 79.522 ng
RT: 8.895 min Scan# 1
Delta R.T. -0.006 min
Lab File: BP025788.D
Acq: 18 Sep 2025 19:28

Instrument :
BNA_P
ClientSampleId :
PB169718BL

Tgt Ion: 82 Resp: 1050320

Ion	Ratio	Lower	Upper
82	100		
128	40.2	32.9	49.3
54	54.5	43.4	65.2

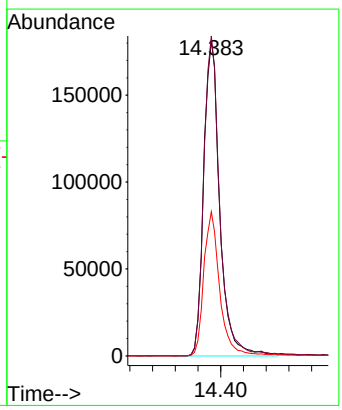


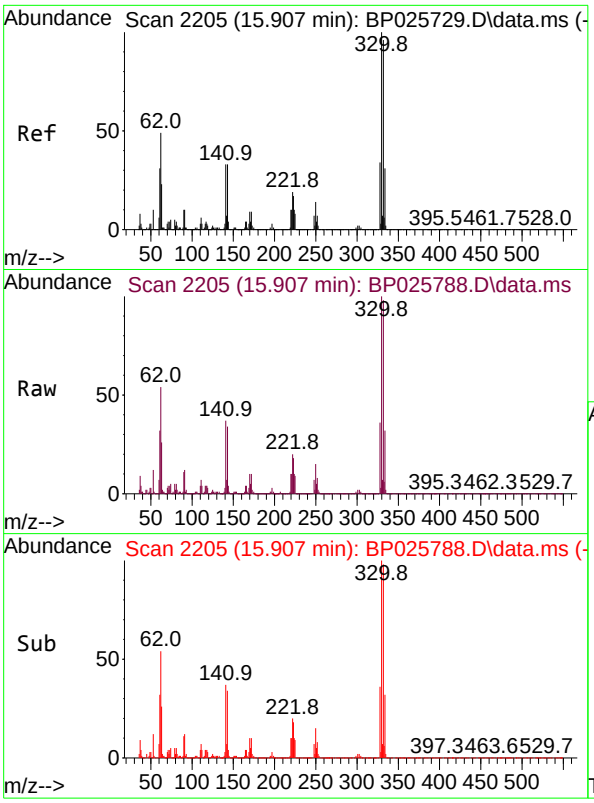


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.383 min Scan# 1946
Delta R.T. 0.006 min
Lab File: BP025788.D
Acq: 18 Sep 2025 19:28

Tgt Ion:164 Resp: 356809

Ion	Ratio	Lower	Upper
164	100		
162	101.6	80.6	120.8
160	45.8	35.0	52.6



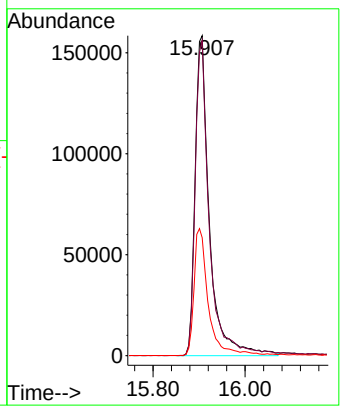


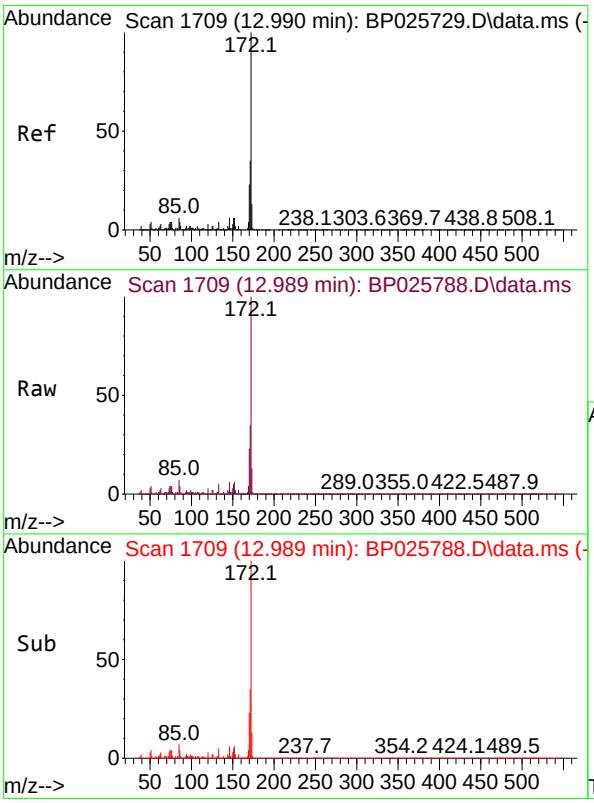
#42
2,4,6-Tribromophenol
Concen: 76.741 ng
RT: 15.907 min Scan# 2
Delta R.T. -0.000 min
Lab File: BP025788.D
Acq: 18 Sep 2025 19:28

Instrument :
BNA_P
ClientSampleId :
PB169718BL

Tgt Ion:330 Resp: 341536

Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.9	115.3
141	38.4	31.0	46.4

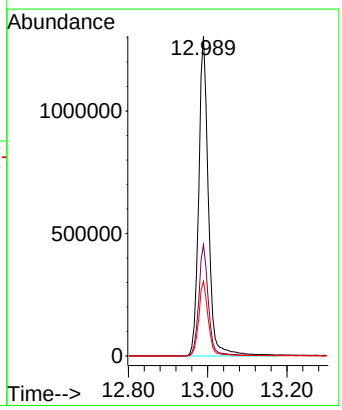


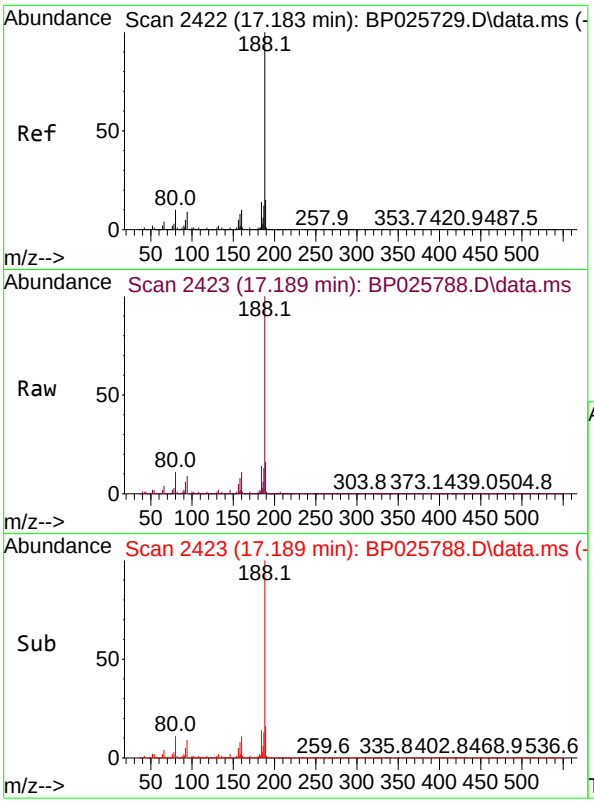


#45
2-Fluorobiphenyl
Concen: 82.564 ng
RT: 12.989 min Scan# 1709
Delta R.T. -0.000 min
Lab File: BP025788.D
Acq: 18 Sep 2025 19:28

Tgt Ion:172 Resp: 2212511

Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.8	41.6
170	23.3	18.6	27.8



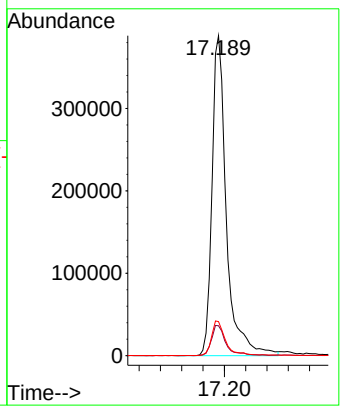


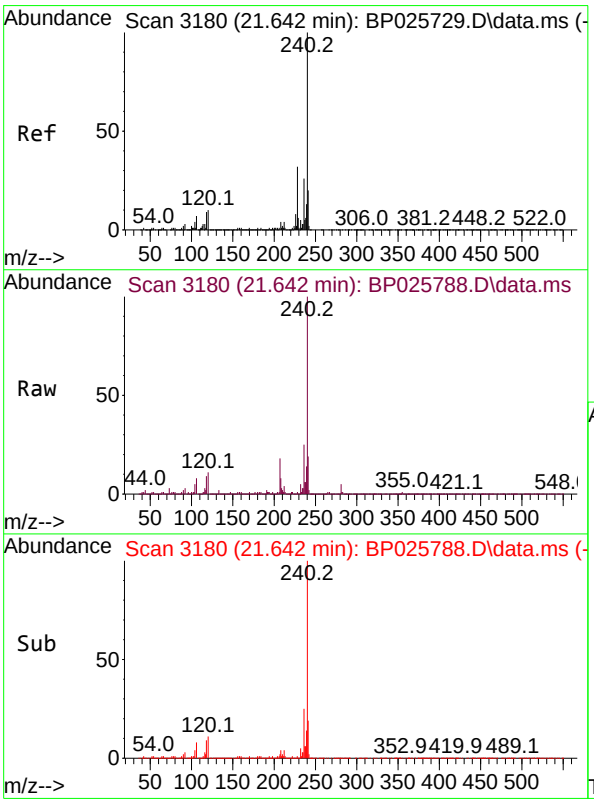
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.189 min Scan# 24
Delta R.T. 0.006 min
Lab File: BP025788.D
Acq: 18 Sep 2025 19:28

Instrument :
BNA_P
ClientSampleId :
PB169718BL

Tgt Ion:188 Resp: 727748

Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.4	11.0
80	10.6	7.7	11.5

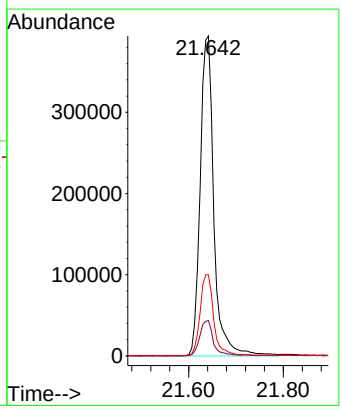


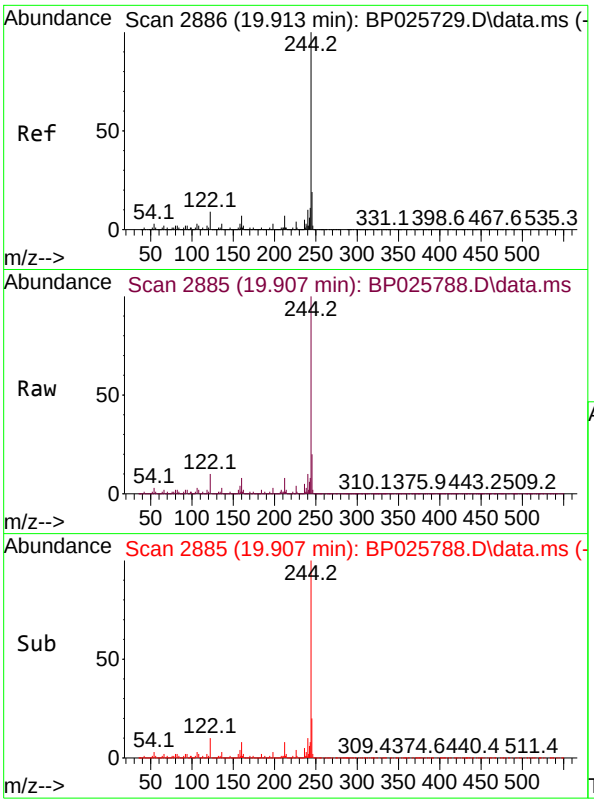


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.642 min Scan# 3180
Delta R.T. -0.000 min
Lab File: BP025788.D
Acq: 18 Sep 2025 19:28

Tgt Ion:240 Resp: 788823

Ion	Ratio	Lower	Upper
240	100		
120	11.1	8.0	12.0
236	25.3	20.7	31.1



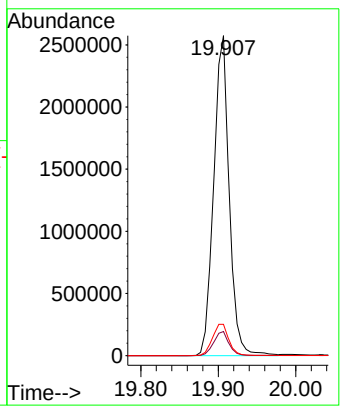


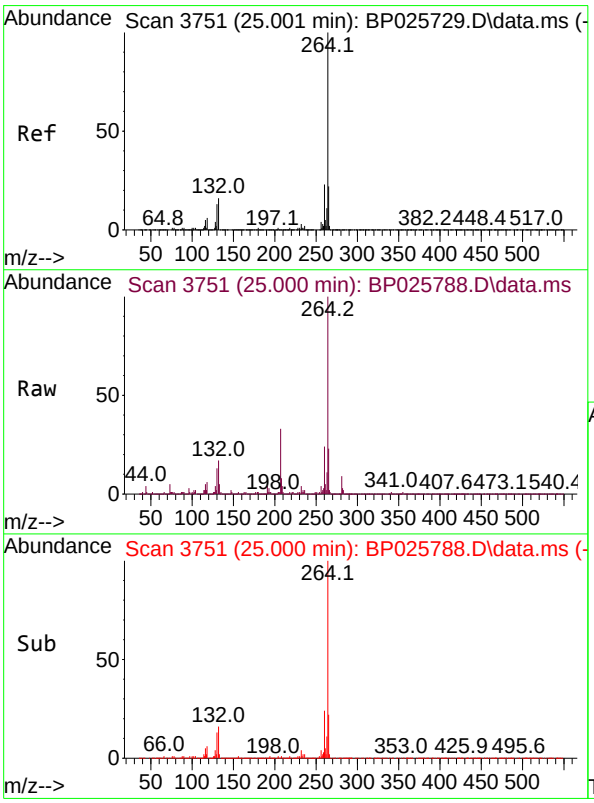
#79
Terphenyl-d14
Concen: 81.757 ng
RT: 19.907 min Scan# 28
Delta R.T. -0.006 min
Lab File: BP025788.D
Acq: 18 Sep 2025 19:28

Instrument :
BNA_P
ClientSampleId :
PB169718BL

Tgt Ion:244 Resp: 3584883

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.9	8.9
122	9.8	7.1	10.7

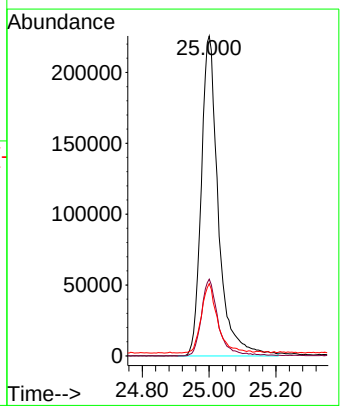




#86
Perylene-d12
Concen: 20.000 ng
RT: 25.000 min Scan# 3751
Delta R.T. -0.000 min
Lab File: BP025788.D
Acq: 18 Sep 2025 19:28

Tgt Ion:264 Resp: 800132

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.3	27.5
265	22.6	17.3	25.9



Raw Data: **BP025787.D**

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

Report of Analysis

Client:	Ardmore Chemical	Date Collected:	
Project:	PVSC Monthly 2025	Date Received:	
Client Sample ID:	PB169718BS	SDG No.:	Q3098
Lab Sample ID:	PB169718BS	Matrix:	Water
Analytical Method:	625.1	% 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 :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025787.D	1	09/17/25 08:35	09/18/25 18:46	PB169718

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
62-75-9	n-Nitrosodimethylamine	41.9		0.86	10.0	ug/L
108-95-2	Phenol	43.7		0.91	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	42.6		0.81	5.00	ug/L
95-57-8	2-Chlorophenol	44.2		0.58	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	43.0		1.30	5.00	ug/L
621-64-7	n-Nitroso-di-n-propylamine	40.3		1.40	5.00	ug/L
67-72-1	Hexachloroethane	42.9		0.65	5.00	ug/L
98-95-3	Nitrobenzene	43.9		0.76	5.00	ug/L
78-59-1	Isophorone	41.3		0.75	5.00	ug/L
88-75-5	2-Nitrophenol	44.6		1.80	5.00	ug/L
105-67-9	2,4-Dimethylphenol	44.2		1.90	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	43.4		0.68	5.00	ug/L
120-83-2	2,4-Dichlorophenol	45.7		0.52	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	43.0		0.54	5.00	ug/L
91-20-3	Naphthalene	42.6		0.50	5.00	ug/L
87-68-3	Hexachlorobutadiene	43.2		0.54	5.00	ug/L
59-50-7	4-Chloro-3-methylphenol	43.1		0.59	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	93.1	E	3.60	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	45.6		0.51	5.00	ug/L
91-58-7	2-Chloronaphthalene	43.1		0.61	5.00	ug/L
131-11-3	Dimethylphthalate	43.2		0.61	5.00	ug/L
208-96-8	Acenaphthylene	44.4		0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	44.7		0.92	5.00	ug/L
83-32-9	Acenaphthene	42.2		0.55	5.00	ug/L
51-28-5	2,4-Dinitrophenol	79.5		6.00	10.0	ug/L
100-02-7	4-Nitrophenol	77.3		2.40	10.0	ug/L
121-14-2	2,4-Dinitrotoluene	45.2		1.20	5.00	ug/L
84-66-2	Diethylphthalate	44.0		0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	42.1		0.68	5.00	ug/L

Raw Data: **BP025787.D**

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

Report of Analysis

Client:	Ardmore Chemical	Date Collected:	
Project:	PVSC Monthly 2025	Date Received:	
Client Sample ID:	PB169718BS	SDG No.:	Q3098
Lab Sample ID:	PB169718BS	Matrix:	Water
Analytical Method:	625.1	% 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 :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025787.D	1	09/17/25 08:35	09/18/25 18:46	PB169718

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
86-73-7	Fluorene	42.5		0.63	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	44.9		2.90	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	45.0		0.58	5.00	ug/L
103-33-3	Azobenzene	44.7		0.81	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	43.3		0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	43.7		0.52	5.00	ug/L
87-86-5	Pentachlorophenol	88.5	E	1.60	10.0	ug/L
85-01-8	Phenanthrene	43.7		0.50	5.00	ug/L
120-12-7	Anthracene	44.3		0.61	5.00	ug/L
84-74-2	Di-n-butylphthalate	46.9		1.20	5.00	ug/L
206-44-0	Fluoranthene	43.6		0.82	5.00	ug/L
92-87-5	Benzidine	50.1		4.30	10.0	ug/L
129-00-0	Pyrene	46.6		0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	49.6		1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	31.4		0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	44.7		0.45	5.00	ug/L
218-01-9	Chrysene	43.9		0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	48.1		1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	46.4		2.30	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	45.9		0.49	5.00	ug/L
207-08-9	Benzo(k)fluoranthene	47.3		0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	45.5		0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	46.6		0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	46.9		0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	47.8		0.69	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	90.2		60 - 140	90%	SPK: 100
13127-88-3	Phenol-d6	85.9		60 - 140	86%	SPK: 100
4165-60-0	Nitrobenzene-d5	78.1		60 - 140	78%	SPK: 100
321-60-8	2-Fluorobiphenyl	78.1		60 - 140	78%	SPK: 100

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

Report of Analysis

Client:	Ardmore Chemical			Date Collected:	
Project:	PVSC Monthly 2025			Date Received:	
Client Sample ID:	PB169718BS			SDG No.:	Q3098
Lab Sample ID:	PB169718BS			Matrix:	Water
Analytical Method:	625.1			% 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 :	3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025787.D	1	09/17/25 08:35	09/18/25 18:46	PB169718

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	82.1		60 - 140	82%	SPK: 100
1718-51-0	Terphenyl-d14	83.4		60 - 140	83%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	176000	7.749			
1146-65-2	Naphthalene-d8	684000	10.519			
15067-26-2	Acenaphthene-d10	445000	14.378			
1517-22-2	Phenanthrene-d10	904000	17.178			
1719-03-5	Chrysene-d12	880000	21.625			
1520-96-3	Perylene-d12	889000	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\BP091825\
Data File : BP025787.D
Acq On : 18 Sep 2025 18:46
Operator : CG/JU
Sample : PB169718BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169718BS

Quant Time: Sep 18 19:15:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.749	152	175687	20.000	ng	-0.01
21) Naphthalene-d8	10.519	136	683598	20.000	ng	0.00
39) Acenaphthene-d10	14.378	164	444972	20.000	ng	0.00
64) Phenanthrene-d10	17.178	188	903856	20.000	ng	0.00
76) Chrysene-d12	21.625	240	880385	20.000	ng	-0.02
86) Perylene-d12	24.989	264	889184	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.378	112	981838	90.174	ng	0.00
7) Phenol-d6	6.943	99	1243667	85.933	ng	0.00
23) Nitrobenzene-d5	8.896	82	1210547	78.114	ng	0.00
42) 2,4,6-Tribromophenol	15.895	330	455892	82.141	ng	-0.01
45) 2-Fluorobiphenyl	12.984	172	2609618	78.089	ng	0.00
79) Terphenyl-d14	19.895	244	4079526	83.361	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.308	88	162061	35.463	ng	99
3) Pyridine	3.708	79	449659	35.734	ng	99
4) n-Nitrosodimethylamine	3.614	42	248605	41.869	ng	99
6) Aniline	7.090	93	649758	32.706	ng	99
8) 2-Chlorophenol	7.331	128	528034	44.206	ng	99
9) Benzaldehyde	6.908	77	334019	38.506	ng	99
10) Phenol	6.972	94	666256	43.659	ng	98
11) bis(2-Chloroethyl)ether	7.184	93	522477	42.615	ng	99
12) 1,3-Dichlorobenzene	7.643	146	573450	42.182	ng	98
13) 1,4-Dichlorobenzene	7.784	146	582042	42.031	ng	99
14) 1,2-Dichlorobenzene	8.102	146	560576	41.669	ng	100
15) Benzyl Alcohol	7.990	79	482617	40.356	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.266	45	861769	42.980	ng	99
17) 2-Methylphenol	8.196	107	444254	43.179	ng	100
18) Hexachloroethane	8.819	117	226706	42.860	ng	98
19) n-Nitroso-di-n-propyla...	8.549	70	406731	40.293	ng	97
20) 3+4-Methylphenols	8.519	107	599405	41.599	ng	98
22) Acetophenone	8.566	105	866319	47.422	ng	98
24) Nitrobenzene	8.937	77	610863	43.939	ng	99
25) Isophorone	9.461	82	1125780	41.330	ng	100
26) 2-Nitrophenol	9.643	139	275390	44.616	ng	94
27) 2,4-Dimethylphenol	9.702	122	478233	44.164	ng	99
28) bis(2-Chloroethoxy)met...	9.931	93	683263	43.394	ng	99
29) 2,4-Dichlorophenol	10.184	162	493434	45.702	ng	100
30) 1,2,4-Trichlorobenzene	10.384	180	523130	42.992	ng	99
31) Naphthalene	10.572	128	1569174	42.571	ng	99
32) Benzoic acid	9.890	122	383250	47.603	ng	98
33) 4-Chloroaniline	10.684	127	417609	27.182	ng	99
34) Hexachlorobutadiene	10.855	225	338295	43.188	ng	100
35) Caprolactam	11.478	113	168475	40.480	ng	94
36) 4-Chloro-3-methylphenol	11.813	107	554902	43.109	ng	97
37) 2-Methylnaphthalene	12.184	142	1003915	42.405	ng	100
38) 1-Methylnaphthalene	12.402	142	1030842	40.832	ng	100
40) 1,2,4,5-Tetrachloroben...	12.549	216	646246	47.928	ng	99
41) Hexachlorocyclopentadiene	12.531	237	683562	93.080	ng	99
43) 2,4,6-Trichlorophenol	12.802	196	404085	45.586	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091825\
Data File : BP025787.D
Acq On : 18 Sep 2025 18:46
Operator : CG/JU
Sample : PB169718BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169718BS

Quant Time: Sep 18 19:15:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

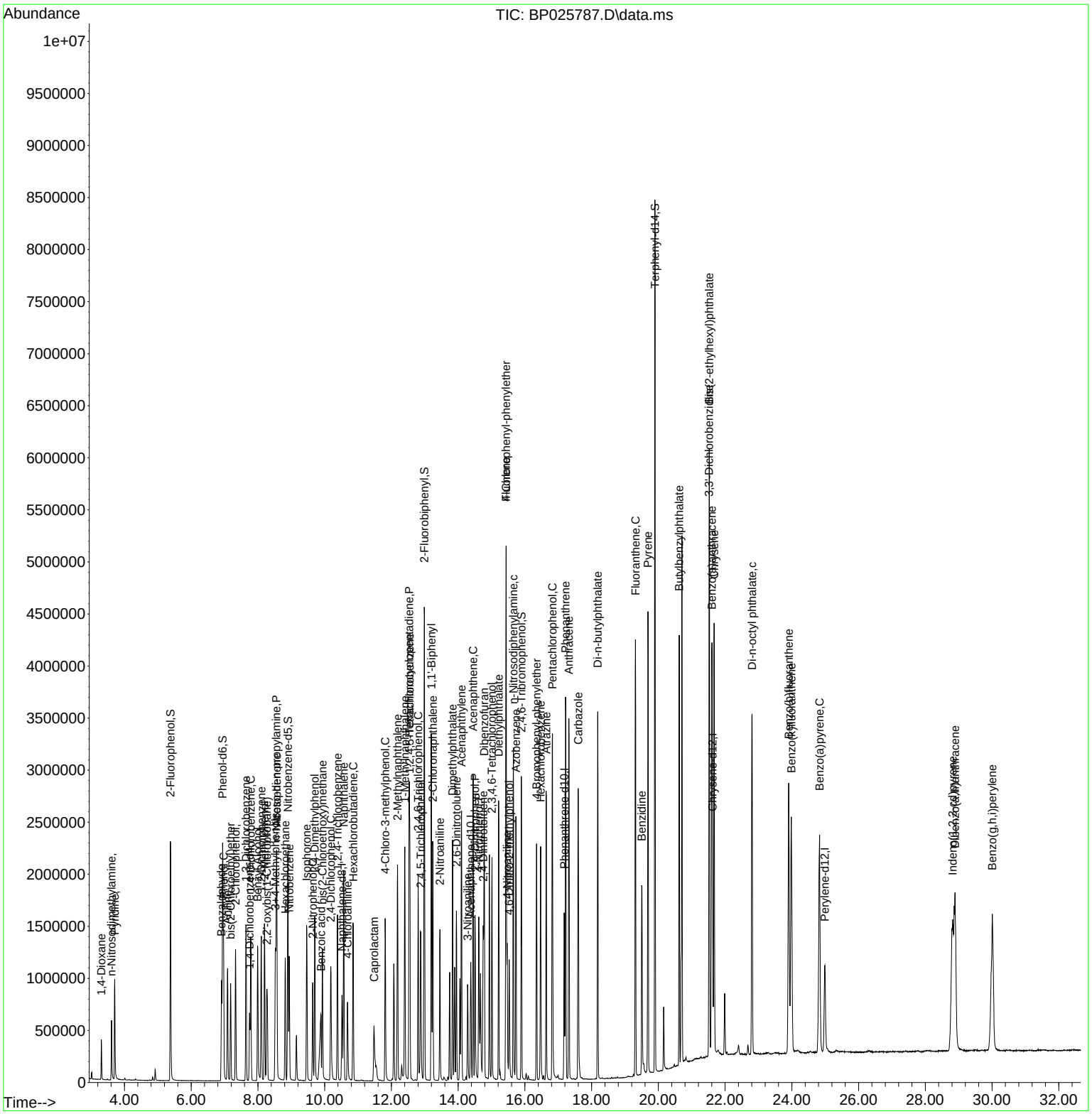
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.878	196	451422	45.759	ng		98
46) 1,1'-Biphenyl	13.196	154	1569030	48.040	ng		99
47) 2-Chloronaphthalene	13.243	162	1109421	43.139	ng		99
48) 2-Nitroaniline	13.454	65	387837	45.241	ng		96
49) Acenaphthylene	14.101	152	1892529	44.414	ng		100
50) Dimethylphthalate	13.831	163	1466209	43.159	ng		99
51) 2,6-Dinitrotoluene	13.949	165	321516	44.670	ng		98
52) Acenaphthene	14.448	154	1036364	42.174	ng		100
53) 3-Nitroaniline	14.284	138	238507	31.512	ng		95
54) 2,4-Dinitrophenol	14.507	184	371699	79.463	ng		98
55) Dibenzofuran	14.784	168	1684376	42.057	ng		100
56) 4-Nitrophenol	14.619	139	503133	77.349	ng		97
57) 2,4-Dinitrotoluene	14.754	165	463292	45.230	ng		96
58) Fluorene	15.437	166	1352289	42.462	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.013	232	395127	44.462	ng		100
60) Diethylphthalate	15.213	149	1514516	43.950	ng		100
61) 4-Chlorophenyl-phenyle...	15.437	204	675630	42.095	ng		99
62) 4-Nitroaniline	15.466	138	342971	44.232	ng		99
63) Azobenzene	15.731	77	1488800	44.682	ng		99
65) 4,6-Dinitro-2-methylph...	15.531	198	269957	44.911	ng		98
66) n-Nitrosodiphenylamine	15.654	169	1243888	44.970	ng		100
67) 4-Bromophenyl-phenylether	16.348	248	429869	43.292	ng		96
68) Hexachlorobenzene	16.472	284	483750	43.686	ng		98
69) Atrazine	16.642	200	479766	45.376	ng		97
70) Pentachlorophenol	16.825	266	647041	88.535	ng		98
71) Phenanthrene	17.219	178	2240152	43.692	ng		100
72) Anthracene	17.319	178	2303731	44.284	ng		100
73) Carbazole	17.595	167	2166748	44.800	ng		99
74) Di-n-butylphthalate	18.184	149	2780871	46.854	ng		100
75) Fluoranthene	19.313	202	2682922	43.631	ng		99
77) Benzidine	19.501	184	1269252	50.050	ng		100
78) Pyrene	19.689	202	2739124	46.628	ng		99
80) Butylbenzylphthalate	20.625	149	1278084	49.621	ng		98
81) Benzo(a)anthracene	21.601	228	2691728	44.659	ng		100
82) 3,3'-Dichlorobenzidine	21.519	252	653626	31.363	ng		99
83) Chrysene	21.672	228	2519965	43.860	ng		100
84) Bis(2-ethylhexyl)phtha...	21.525	149	1811796	48.079	ng		98
85) Di-n-octyl phthalate	22.807	149	3113326	46.446	ng		99
87) Indeno(1,2,3-cd)pyrene	28.818	276	3016277	46.646	ng	#	82
88) Benzo(b)fluoranthene	23.907	252	2497268	45.926	ng		99
89) Benzo(k)fluoranthene	23.983	252	2624889	47.307	ng		99
90) Benzo(a)pyrene	24.830	252	2421349	45.472	ng		100
91) Dibenzo(a,h)anthracene	28.889	278	2483752	46.938	ng		98
92) Benzo(g,h,i)perylene	30.006	276	2485050	47.753	ng		97

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091825\
Data File : BP025787.D
Acq On : 18 Sep 2025 18:46
Operator : CG/JU
Sample : PB169718BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169718BS

Quant Time: Sep 18 19:15:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration



Raw Data: **BP025802.D**

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

Report of Analysis

Client:	Ardmore Chemical	Date Collected:	09/12/25
Project:	PVSC Monthly 2025	Date Received:	09/12/25
Client Sample ID:	EFF-WWMS	SDG No.:	Q3098
Lab Sample ID:	Q3098-05MS	Matrix:	Water
Analytical Method:	625.1	% Solid:	0
Sample Wt/Vol:	980 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 :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025802.D	1	09/17/25 08:35	09/19/25 17:09	PB169718

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
62-75-9	n-Nitrosodimethylamine	22.4		0.88	10.2	ug/L
108-95-2	Phenol	18.3		0.93	5.10	ug/L
111-44-4	bis(2-Chloroethyl)ether	49.8		0.83	5.10	ug/L
95-57-8	2-Chlorophenol	43.7		0.59	5.10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	48.5		1.30	5.10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	48.9		1.40	5.10	ug/L
67-72-1	Hexachloroethane	44.4		0.66	5.10	ug/L
98-95-3	Nitrobenzene	66.0		0.78	5.10	ug/L
78-59-1	Isophorone	63.4		0.77	5.10	ug/L
88-75-5	2-Nitrophenol	64.7		1.80	5.10	ug/L
105-67-9	2,4-Dimethylphenol	58.6		1.90	5.10	ug/L
111-91-1	bis(2-Chloroethoxy)methane	65.4		0.69	5.10	ug/L
120-83-2	2,4-Dichlorophenol	58.3		0.53	5.10	ug/L
120-82-1	1,2,4-Trichlorobenzene	55.3		0.55	5.10	ug/L
91-20-3	Naphthalene	48.2		0.51	5.10	ug/L
87-68-3	Hexachlorobutadiene	49.5		0.55	5.10	ug/L
59-50-7	4-Chloro-3-methylphenol	53.7		0.60	5.10	ug/L
77-47-4	Hexachlorocyclopentadiene	65.8		3.70	10.2	ug/L
88-06-2	2,4,6-Trichlorophenol	51.0		0.52	5.10	ug/L
91-58-7	2-Chloronaphthalene	51.1		0.62	5.10	ug/L
131-11-3	Dimethylphthalate	48.9		0.62	5.10	ug/L
208-96-8	Acenaphthylene	50.6		0.77	5.10	ug/L
606-20-2	2,6-Dinitrotoluene	51.4		0.94	5.10	ug/L
83-32-9	Acenaphthene	49.0		0.56	5.10	ug/L
51-28-5	2,4-Dinitrophenol	89.4	E	6.10	10.2	ug/L
100-02-7	4-Nitrophenol	31.1		2.40	10.2	ug/L
121-14-2	2,4-Dinitrotoluene	49.0		1.20	5.10	ug/L
84-66-2	Diethylphthalate	48.8		0.70	5.10	ug/L
7005-72-3	4-Chlorophenyl-phenylether	49.6		0.69	5.10	ug/L

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

Report of Analysis

Client:	Ardmore Chemical	Date Collected:	09/12/25
Project:	PVSC Monthly 2025	Date Received:	09/12/25
Client Sample ID:	EFF-WWMS	SDG No.:	Q3098
Lab Sample ID:	Q3098-05MS	Matrix:	Water
Analytical Method:	625.1	% Solid:	0
Sample Wt/Vol:	980 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 :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025802.D	1	09/17/25 08:35	09/19/25 17:09	PB169718

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
86-73-7	Fluorene	50.6		0.64	5.10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	46.9		2.90	10.2	ug/L
86-30-6	n-Nitrosodiphenylamine	39.1		0.59	5.10	ug/L
103-33-3	Azobenzene	49.1		0.83	5.10	ug/L
101-55-3	4-Bromophenyl-phenylether	51.3		0.41	5.10	ug/L
118-74-1	Hexachlorobenzene	51.2		0.53	5.10	ug/L
87-86-5	Pentachlorophenol	100	E	1.60	10.2	ug/L
85-01-8	Phenanthrene	51.4		0.51	5.10	ug/L
120-12-7	Anthracene	51.7		0.62	5.10	ug/L
84-74-2	Di-n-butylphthalate	53.1		1.20	5.10	ug/L
206-44-0	Fluoranthene	49.3		0.84	5.10	ug/L
92-87-5	Benzidine	4.40	U	4.40	10.2	ug/L
129-00-0	Pyrene	51.7		0.51	5.10	ug/L
85-68-7	Butylbenzylphthalate	51.2		2.00	5.10	ug/L
91-94-1	3,3-Dichlorobenzidine	0.95	U	0.95	10.2	ug/L
56-55-3	Benzo(a)anthracene	52.6		0.46	5.10	ug/L
218-01-9	Chrysene	51.5		0.45	5.10	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	38.3		1.60	5.10	ug/L
117-84-0	Di-n-octyl phthalate	57.0		2.40	10.2	ug/L
205-99-2	Benzo(b)fluoranthene	53.9		0.50	5.10	ug/L
207-08-9	Benzo(k)fluoranthene	52.2		0.49	5.10	ug/L
50-32-8	Benzo(a)pyrene	51.6		0.56	5.10	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	53.6		0.60	5.10	ug/L
53-70-3	Dibenzo(a,h)anthracene	53.9		0.68	5.10	ug/L
191-24-2	Benzo(g,h,i)perylene	53.5		0.70	5.10	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	46.1	*	60 - 140	46%	SPK: 100
13127-88-3	Phenol-d6	29.3	*	60 - 140	29%	SPK: 100
4165-60-0	Nitrobenzene-d5	117		60 - 140	117%	SPK: 100
321-60-8	2-Fluorobiphenyl	87.6		60 - 140	88%	SPK: 100

Raw Data: **BP025802.D**

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

Report of Analysis

Client:	Ardmore Chemical	Date Collected:	09/12/25
Project:	PVSC Monthly 2025	Date Received:	09/12/25
Client Sample ID:	EFF-WWMS	SDG No.:	Q3098
Lab Sample ID:	Q3098-05MS	Matrix:	Water
Analytical Method:	625.1	% Solid:	0
Sample Wt/Vol:	980 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 :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025802.D	1	09/17/25 08:35	09/19/25 17:09	PB169718

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	86.8		60 - 140	87%	SPK: 100
1718-51-0	Terphenyl-d14	88.4		60 - 140	88%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	174000	7.749			
1146-65-2	Naphthalene-d8	537000	10.519			
15067-26-2	Acenaphthene-d10	439000	14.378			
1517-22-2	Phenanthrene-d10	850000	17.183			
1719-03-5	Chrysene-d12	848000	21.66			
1520-96-3	Perylene-d12	968000	24.983			

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

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
Data File : BP025802.D
Acq On : 19 Sep 2025 17:09
Operator : CG/JU
Sample : Q3098-05MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EFF-WWMS

Quant Time: Sep 19 17:32:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.749	152	174041	20.000	ng		-0.01
21) Naphthalene-d8	10.519	136	537202	20.000	ng		0.00
39) Acenaphthene-d10	14.378	164	439134	20.000	ng		0.00
64) Phenanthrene-d10	17.183	188	850250	20.000	ng		0.00
76) Chrysene-d12	21.660	240	848399	20.000	ng		0.02
86) Perylene-d12	24.983	264	967662	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.384	112	496771	46.056	ng		0.00
7) Phenol-d6	6.943	99	419989	29.294	ng		0.00
23) Nitrobenzene-d5	8.890	82	1419772	116.581	ng		-0.01
42) 2,4,6-Tribromophenol	15.907	330	475172	86.753	ng		0.00
45) 2-Fluorobiphenyl	12.990	172	2888404	87.580	ng		0.00
79) Terphenyl-d14	19.913	244	4167395	88.367	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.308	88	89166	19.696	ng		98
3) Pyridine	3.708	79	276362	22.170	ng		99
4) n-Nitrosodimethylamine	3.608	42	129091	21.947	ng	#	99
6) Aniline	7.090	93	110414	5.610	ng		96
8) 2-Chlorophenol	7.325	128	507183	42.862	ng		98
9) Benzaldehyde	6.907	77	81730	9.511	ng		99
10) Phenol	6.972	94	271408	17.953	ng		97
11) bis(2-Chloroethyl)ether	7.178	93	593150	48.836	ng		98
12) 1,3-Dichlorobenzene	7.637	146	586603	43.558	ng		99
13) 1,4-Dichlorobenzene	7.784	146	605096	44.109	ng		99
14) 1,2-Dichlorobenzene	8.096	146	594426	44.603	ng		100
15) Benzyl Alcohol	8.002	79	2535423	214.015	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.260	45	944591	47.557	ng		99
17) 2-Methylphenol	8.196	107	367323	36.040	ng		100
18) Hexachloroethane	8.813	117	228209	43.552	ng		98
19) n-Nitroso-di-n-propyla...	8.543	70	478898	47.891	ng		99
20) 3+4-Methylphenols	8.519	107	434978	30.473	ng		99
22) Acetophenone	8.560	105	1058841	73.756	ng	#	100
24) Nitrobenzene	8.931	77	706978	64.710	ng		100
25) Isophorone	9.460	82	1330286	62.146	ng		99
26) 2-Nitrophenol	9.637	139	307415	63.376	ng		95
27) 2,4-Dimethylphenol	9.713	122	488726	57.432	ng		100
28) bis(2-Chloroethoxy)met...	9.925	93	793527	64.131	ng	#	98
29) 2,4-Dichlorophenol	10.190	162	484991	57.162	ng		98
30) 1,2,4-Trichlorobenzene	10.384	180	518439	54.218	ng		99
31) Naphthalene	10.566	128	1367354	47.205	ng		99
32) Benzoic acid	10.060	122	3583161	566.351	ng		100
33) 4-Chloroaniline	10.696	127	6523	0.540	ng	#	1
34) Hexachlorobutadiene	10.854	225	298418	48.480	ng		99
36) 4-Chloro-3-methylphenol	11.837	107	532430	52.635	ng		95
37) 2-Methylnaphthalene	12.184	142	1165776	62.661	ng		98
38) 1-Methylnaphthalene	12.413	142	1215607	61.272	ng		99
40) 1,2,4,5-Tetrachloroben...	12.560	216	763606	57.384	ng		100
41) Hexachlorocyclopentadiene	12.537	237	467279	64.475	ng		99
43) 2,4,6-Trichlorophenol	12.813	196	437248	49.983	ng		98
44) 2,4,5-Trichlorophenol	12.895	196	466320	47.897	ng		98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
Data File : BP025802.D
Acq On : 19 Sep 2025 17:09
Operator : CG/JU
Sample : Q3098-05MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EFF-WWMS

Quant Time: Sep 19 17:32:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

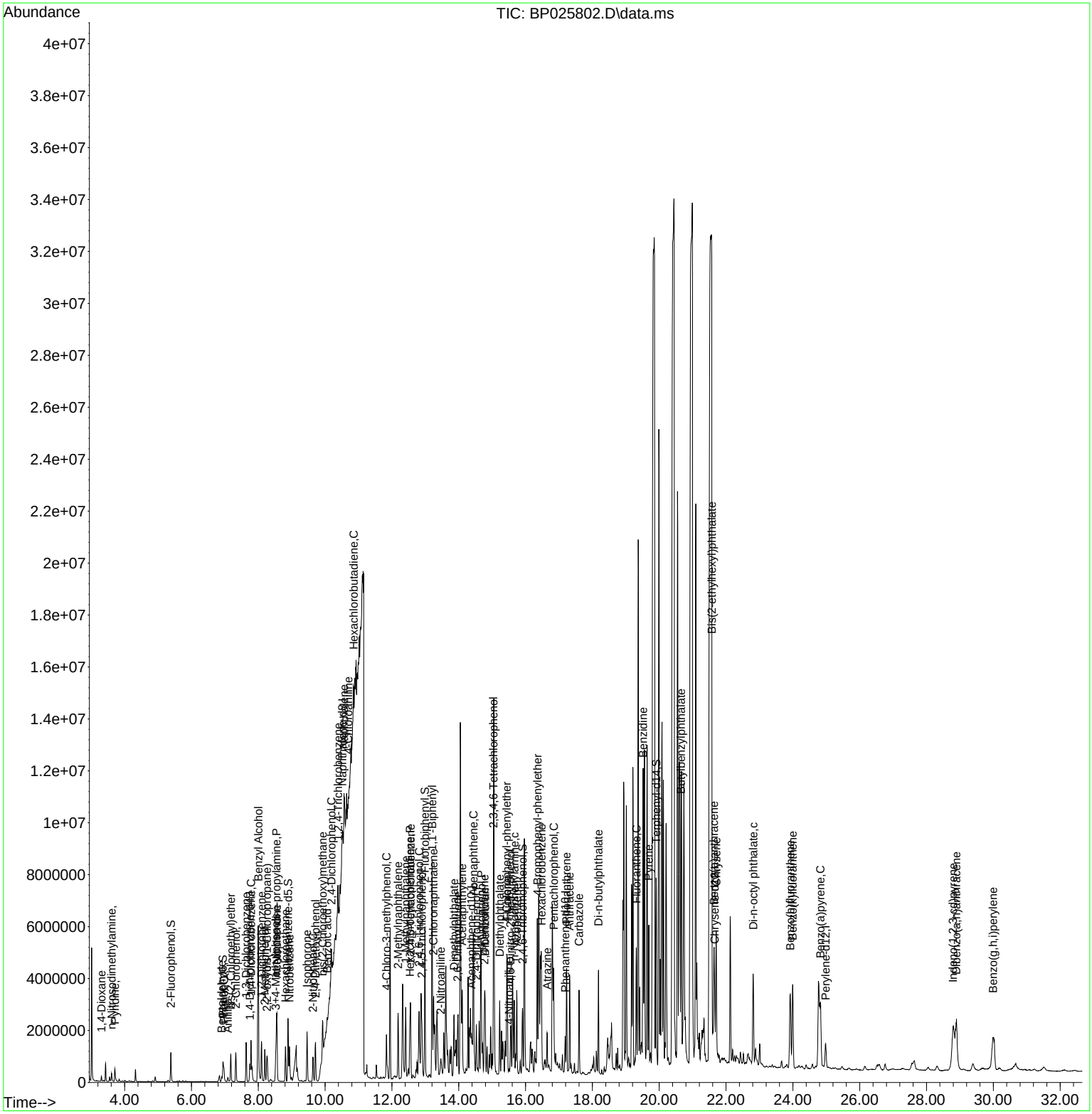
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.207	154	2147399	66.622	ng		99
47) 2-Chloronaphthalene	13.242	162	1272189	50.126	ng		100
48) 2-Nitroaniline	13.466	65	292696	34.596	ng		99
49) Acenaphthylene	14.101	152	2086312	49.613	ng		99
50) Dimethylphthalate	13.860	163	1605018	47.873	ng		100
51) 2,6-Dinitrotoluene	13.966	165	358016	50.403	ng		98
52) Acenaphthene	14.442	154	1163775	47.989	ng		99
54) 2,4-Dinitrophenol	14.525	184	406771	87.591	ng		94
55) Dibenzofuran	14.789	168	1914052	48.427	ng		98
56) 4-Nitrophenol	14.678	139	177397	30.516	ng		92
57) 2,4-Dinitrotoluene	14.766	165	485324	48.010	ng		97
58) Fluorene	15.448	166	1558683	49.594	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.036	232	380861	43.426	ng		97
60) Diethylphthalate	15.225	149	1626089	47.815	ng		99
61) 4-Chlorophenyl-phenyle...	15.436	204	769665	48.592	ng		99
62) 4-Nitroaniline	15.507	138	26155	3.418	ng		97
63) Azobenzene	15.736	77	1582270	48.118	ng		99
65) 4,6-Dinitro-2-methylph...	15.548	198	259761	45.939	ng		96
66) n-Nitrosodiphenylamine	15.666	169	998224	38.364	ng		99
67) 4-Bromophenyl-phenylether	16.354	248	469230	50.235	ng		99
68) Hexachlorobenzene	16.478	284	522636	50.174	ng		94
69) Atrazine	16.648	200	290196	29.177	ng		97
70) Pentachlorophenol	16.842	266	686857	99.909	ng		98
71) Phenanthrene	17.225	178	2429261	50.367	ng		99
72) Anthracene	17.319	178	2481487	50.708	ng		99
73) Carbazole	17.601	167	2158072	47.434	ng		100
74) Di-n-butylphthalate	18.183	149	2905306	52.036	ng		100
75) Fluoranthene	19.313	202	2793295	48.290	ng		99
77) Benzidine	19.513	184	3079	0.126	ng	#	1
78) Pyrene	19.689	202	2868572	50.673	ng		99
80) Butylbenzylphthalate	20.654	149	1245165	50.165	ng		97
81) Benzo(a)anthracene	21.636	228	2994245	51.552	ng		100
83) Chrysene	21.707	228	2792423	50.434	ng		100
84) Bis(2-ethylhexyl)phtha...	21.577	149	1362087	37.508	ng	#	99
85) Di-n-octyl phthalate	22.813	149	3609449	55.877	ng		98
87) Indeno(1,2,3-cd)pyrene	28.795	276	3692973	52.479	ng	#	87
88) Benzo(b)fluoranthene	23.924	252	3127073	52.845	ng		99
89) Benzo(k)fluoranthene	23.995	252	3088553	51.149	ng		99
90) Benzo(a)pyrene	24.824	252	2928022	50.527	ng		99
91) Dibenzo(a,h)anthracene	28.895	278	3040589	52.801	ng		99
92) Benzo(g,h,i)perylene	29.994	276	2967778	52.404	ng		100

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
Data File : BP025802.D
Acq On : 19 Sep 2025 17:09
Operator : CG/JU
Sample : Q3098-05MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EFF-WWMS

Quant Time: Sep 19 17:32:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration



Raw Data: **BP025803.D**

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

Report of Analysis

Client:	Ardmore Chemical	Date Collected:	09/12/25
Project:	PVSC Monthly 2025	Date Received:	09/12/25
Client Sample ID:	EFF-WWMSD	SDG No.:	Q3098
Lab Sample ID:	Q3098-06MSD	Matrix:	Water
Analytical Method:	625.1	% Solid:	0
Sample Wt/Vol:	980 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 :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025803.D	1	09/17/25 08:35	09/19/25 17:51	PB169718

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
62-75-9	n-Nitrosodimethylamine	22.1		0.88	10.2	ug/L
108-95-2	Phenol	18.0		0.93	5.10	ug/L
111-44-4	bis(2-Chloroethyl)ether	49.8		0.83	5.10	ug/L
95-57-8	2-Chlorophenol	43.1		0.59	5.10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	47.6		1.30	5.10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	47.9		1.40	5.10	ug/L
67-72-1	Hexachloroethane	44.9		0.66	5.10	ug/L
98-95-3	Nitrobenzene	65.6		0.78	5.10	ug/L
78-59-1	Isophorone	62.2		0.77	5.10	ug/L
88-75-5	2-Nitrophenol	63.9		1.80	5.10	ug/L
105-67-9	2,4-Dimethylphenol	58.2		1.90	5.10	ug/L
111-91-1	bis(2-Chloroethoxy)methane	64.5		0.69	5.10	ug/L
120-83-2	2,4-Dichlorophenol	58.1		0.53	5.10	ug/L
120-82-1	1,2,4-Trichlorobenzene	55.3		0.55	5.10	ug/L
91-20-3	Naphthalene	49.5		0.51	5.10	ug/L
87-68-3	Hexachlorobutadiene	51.0		0.55	5.10	ug/L
59-50-7	4-Chloro-3-methylphenol	52.7		0.60	5.10	ug/L
77-47-4	Hexachlorocyclopentadiene	54.5		3.70	10.2	ug/L
88-06-2	2,4,6-Trichlorophenol	51.9		0.52	5.10	ug/L
91-58-7	2-Chloronaphthalene	52.8		0.62	5.10	ug/L
131-11-3	Dimethylphthalate	49.5		0.62	5.10	ug/L
208-96-8	Acenaphthylene	50.7		0.77	5.10	ug/L
606-20-2	2,6-Dinitrotoluene	51.4		0.94	5.10	ug/L
83-32-9	Acenaphthene	50.5		0.56	5.10	ug/L
51-28-5	2,4-Dinitrophenol	89.1	E	6.10	10.2	ug/L
100-02-7	4-Nitrophenol	2.40	U	2.40	10.2	ug/L
121-14-2	2,4-Dinitrotoluene	49.3		1.20	5.10	ug/L
84-66-2	Diethylphthalate	49.6		0.70	5.10	ug/L
7005-72-3	4-Chlorophenyl-phenylether	49.4		0.69	5.10	ug/L

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

Report of Analysis

Client:	Ardmore Chemical	Date Collected:	09/12/25
Project:	PVSC Monthly 2025	Date Received:	09/12/25
Client Sample ID:	EFF-WWMSD	SDG No.:	Q3098
Lab Sample ID:	Q3098-06MSD	Matrix:	Water
Analytical Method:	625.1	% Solid:	0
Sample Wt/Vol:	980 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 :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025803.D	1	09/17/25 08:35	09/19/25 17:51	PB169718

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
86-73-7	Fluorene	49.9		0.64	5.10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	45.5		2.90	10.2	ug/L
86-30-6	n-Nitrosodiphenylamine	43.7		0.59	5.10	ug/L
103-33-3	Azobenzene	49.1		0.83	5.10	ug/L
101-55-3	4-Bromophenyl-phenylether	53.3		0.41	5.10	ug/L
118-74-1	Hexachlorobenzene	52.0		0.53	5.10	ug/L
87-86-5	Pentachlorophenol	100	E	1.60	10.2	ug/L
85-01-8	Phenanthrene	51.9		0.51	5.10	ug/L
120-12-7	Anthracene	51.9		0.62	5.10	ug/L
84-74-2	Di-n-butylphthalate	54.7		1.20	5.10	ug/L
206-44-0	Fluoranthene	50.4		0.84	5.10	ug/L
92-87-5	Benzidine	4.40	U	4.40	10.2	ug/L
129-00-0	Pyrene	53.3		0.51	5.10	ug/L
85-68-7	Butylbenzylphthalate	52.3		2.00	5.10	ug/L
91-94-1	3,3-Dichlorobenzidine	0.95	U	0.95	10.2	ug/L
56-55-3	Benzo(a)anthracene	52.6		0.46	5.10	ug/L
218-01-9	Chrysene	51.4		0.45	5.10	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	32.8		1.60	5.10	ug/L
117-84-0	Di-n-octyl phthalate	56.5		2.40	10.2	ug/L
205-99-2	Benzo(b)fluoranthene	52.7		0.50	5.10	ug/L
207-08-9	Benzo(k)fluoranthene	52.7		0.49	5.10	ug/L
50-32-8	Benzo(a)pyrene	51.2		0.56	5.10	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	53.5		0.60	5.10	ug/L
53-70-3	Dibenzo(a,h)anthracene	54.3		0.68	5.10	ug/L
191-24-2	Benzo(g,h,i)perylene	53.9		0.70	5.10	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	46.8	*	60 - 140	47%	SPK: 100
13127-88-3	Phenol-d6	29.2	*	60 - 140	29%	SPK: 100
4165-60-0	Nitrobenzene-d5	115		60 - 140	115%	SPK: 100
321-60-8	2-Fluorobiphenyl	90.5		60 - 140	90%	SPK: 100

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

Report of Analysis

Client:	Ardmore Chemical	Date Collected:	09/12/25
Project:	PVSC Monthly 2025	Date Received:	09/12/25
Client Sample ID:	EFF-WWMSD	SDG No.:	Q3098
Lab Sample ID:	Q3098-06MSD	Matrix:	Water
Analytical Method:	625.1	% Solid:	0
Sample Wt/Vol:	980 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 :	3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025803.D	1	09/17/25 08:35	09/19/25 17:51	PB169718

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	88.1		60 - 140	88%	SPK: 100
1718-51-0	Terphenyl-d14	93.1		60 - 140	93%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	185000	7.749			
1146-65-2	Naphthalene-d8	565000	10.519			
15067-26-2	Acenaphthene-d10	445000	14.39			
1517-22-2	Phenanthrene-d10	865000	17.184			
1719-03-5	Chrysene-d12	858000	21.66			
1520-96-3	Perylene-d12	966000	24.983			

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

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
Data File : BP025803.D
Acq On : 19 Sep 2025 17:51
Operator : CG/JU
Sample : Q3098-06MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Sep 19 18:15:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
EFF-WWMSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli

09/22/2025
Supervised By :Jagrut Upadhyay

09/22/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.749	152	184711	20.000	ng		-0.01
21) Naphthalene-d8	10.519	136	565127	20.000	ng		0.00
39) Acenaphthene-d10	14.390	164	444962	20.000	ng		0.01
64) Phenanthrene-d10	17.184	188	865073	20.000	ng		0.00
76) Chrysene-d12	21.660	240	857648	20.000	ng		0.02
86) Perylene-d12	24.983	264	965873	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.384	112	535272	46.759	ng		0.00
7) Phenol-d6	6.955	99	444921	29.241	ng		0.00
23) Nitrobenzene-d5	8.896	82	1473067	114.980	ng		0.00
42) 2,4,6-Tribromophenol	15.907	330	488929	88.095	ng		0.00
45) 2-Fluorobiphenyl	12.990	172	3023364	90.471	ng		0.00
79) Terphenyl-d14	19.919	244	4436918	93.068	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.308	88	96316	20.047	ng		99
3) Pyridine	3.708	79	288606	21.815	ng		99
4) n-Nitrosodimethylamine	3.608	42	135190	21.656	ng	#	99
6) Aniline	7.096	93	84754	4.058	ng		98
8) 2-Chlorophenol	7.337	128	530640	42.254	ng		99
9) Benzaldehyde	6.914	77	73361	8.044	ng		97
10) Phenol	6.984	94	283454	17.667	ng		99
11) bis(2-Chloroethyl)ether	7.178	93	628524	48.760	ng		98
12) 1,3-Dichlorobenzene	7.643	146	632320	44.240	ng		98
13) 1,4-Dichlorobenzene	7.784	146	645102	44.309	ng		100
14) 1,2-Dichlorobenzene	8.096	146	626067	44.264	ng		99
15) Benzyl Alcohol	8.002	79	2632292	209.357	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.266	45	982362	46.601	ng		99
17) 2-Methylphenol	8.208	107	382177	35.331	ng		100
18) Hexachloroethane	8.813	117	244719	44.005	ng		97
19) n-Nitroso-di-n-propyla...	8.549	70	498595	46.981	ng		99
20) 3+4-Methylphenols	8.531	107	453076	29.908	ng		98
22) Acetophenone	8.566	105	1098032	72.706	ng	#	99
24) Nitrobenzene	8.937	77	738975	64.297	ng		98
25) Isophorone	9.466	82	1373511	60.995	ng		99
26) 2-Nitrophenol	9.643	139	319639	62.640	ng		95
27) 2,4-Dimethylphenol	9.713	122	510524	57.029	ng		97
28) bis(2-Chloroethoxy)met...	9.931	93	822806	63.211	ng		98
29) 2,4-Dichlorophenol	10.196	162	508566	56.978	ng		99
30) 1,2,4-Trichlorobenzene	10.384	180	544730	54.153	ng		99
31) Naphthalene	10.572	128	1476820	48.465	ng		99
32) Benzoic acid	10.002	122	1622864m	243.833	ng		
33) 4-Chloroaniline	10.572	127	192987	15.195	ng	#	39
34) Hexachlorobutadiene	10.855	225	323915	50.021	ng		99
36) 4-Chloro-3-methylphenol	11.843	107	549210	51.611	ng		98
37) 2-Methylnaphthalene	12.178	142	1214466	62.052	ng		97
38) 1-Methylnaphthalene	12.401	142	1254753	60.120	ng		99
40) 1,2,4,5-Tetrachloroben...	12.554	216	806077	59.782	ng		99
41) Hexachlorocyclopentadiene	12.531	237	392316	53.423	ng		99
43) 2,4,6-Trichlorophenol	12.807	196	450690	50.845	ng		97
44) 2,4,5-Trichlorophenol	12.901	196	493249	50.000	ng		97

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
Data File : BP025803.D
Acq On : 19 Sep 2025 17:51
Operator : CG/JU
Sample : Q3098-06MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EFF-WWMSD

Quant Time: Sep 19 18:15:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Rahul Chavli
09/22/2025
Supervised By :Jagrut Upadhyay
09/22/2025

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46)	1,1'-Biphenyl	13.196	154	2206867	67.570	ng		99
47)	2-Chloronaphthalene	13.243	162	1331602	51.780	ng		99
48)	2-Nitroaniline	13.466	65	314781	36.720	ng		97
49)	Acenaphthylene	14.107	152	2116676	49.676	ng		100
50)	Dimethylphthalate	13.843	163	1647148	48.486	ng		99
51)	2,6-Dinitrotoluene	13.966	165	362407	50.353	ng		99
52)	Acenaphthene	14.454	154	1216202	49.494	ng		100
54)	2,4-Dinitrophenol	14.519	184	410954	87.347	ng		98
55)	Dibenzofuran	14.795	168	1939268	48.422	ng		99
57)	2,4-Dinitrotoluene	14.772	165	495220	48.348	ng		96
58)	Fluorene	15.454	166	1556173	48.865	ng		100
59)	2,3,4,6-Tetrachlorophenol	15.031	232	419034	47.153	ng	#	97
60)	Diethylphthalate	15.225	149	1674858	48.604	ng		99
61)	4-Chlorophenyl-phenyle...	15.443	204	777733	48.458	ng		98
62)	4-Nitroaniline	15.519	138	11143	1.437	ng		80
63)	Azobenzene	15.742	77	1604121	48.144	ng		99
65)	4,6-Dinitro-2-methylph...	15.542	198	256482	44.582	ng		98
66)	n-Nitrosodiphenylamine	15.666	169	1134616	42.859	ng		100
67)	4-Bromophenyl-phenylether	16.354	248	496295	52.222	ng		99
68)	Hexachlorobenzene	16.478	284	540381	50.988	ng		96
69)	Atrazine	16.648	200	308025	30.439	ng		97
70)	Pentachlorophenol	16.854	266	708781	101.331	ng		98
71)	Phenanthrene	17.231	178	2493542	50.814	ng		99
72)	Anthracene	17.325	178	2530300	50.820	ng		99
73)	Carbazole	17.613	167	2373817	51.282	ng		99
74)	Di-n-butylphthalate	18.184	149	3045301	53.609	ng		100
75)	Fluoranthene	19.313	202	2906347	49.383	ng		100
77)	Benzidine	19.531	184	3105	0.126	ng	#	1
78)	Pyrene	19.689	202	2988865	52.228	ng		99
80)	Butylbenzylphthalate	20.648	149	1286580	51.275	ng		97
81)	Benzo(a)anthracene	21.642	228	3024857	51.517	ng		99
83)	Chrysene	21.707	228	2817783	50.343	ng		100
84)	Bis(2-ethylhexyl)phtha...	21.583	149	1180398	32.155	ng	#	96
85)	Di-n-octyl phthalate	22.813	149	3614728	55.355	ng		100
87)	Indeno(1,2,3-cd)pyrene	28.812	276	3683008	52.434	ng	#	84
88)	Benzo(b)fluoranthene	23.924	252	3052639	51.683	ng		99
89)	Benzo(k)fluoranthene	23.995	252	3113749	51.662	ng		100
90)	Benzo(a)pyrene	24.824	252	2900102	50.138	ng		99
91)	Dibenzo(a,h)anthracene	28.877	278	3060380	53.243	ng		98
92)	Benzo(g,h,i)perylene	30.001	276	2984469	52.797	ng		99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
Data File : BP025803.D
Acq On : 19 Sep 2025 17:51
Operator : CG/JU
Sample : Q3098-06MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Sep 19 18:15:58 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
EFF-WWMSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli

09/22/2025
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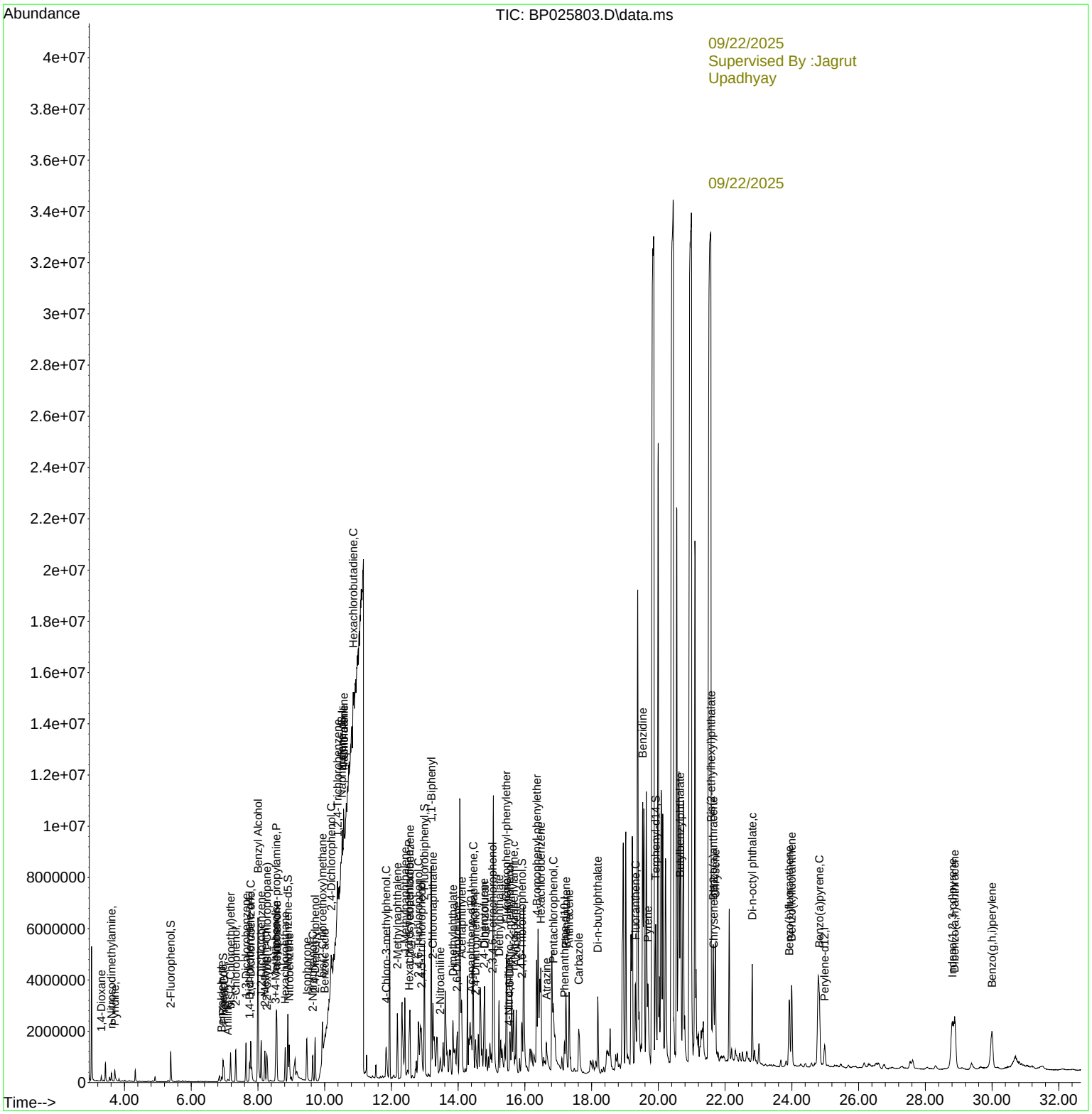
09/22/2025



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

Manual Integration Report

Sequence:	BP091225	Instrument	BNA_p

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

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Manual Integration Report

Sequence:	BP091225	Instrument	BNA_p

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

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

Manual Integration Report

Sequence:	BP091825	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BP025779.D	Benzaldehyde	Rahul	9/19/2025 8:48:32 AM	Jagrut	9/19/2025 10:14:17 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BP091925	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q3098-06MSD	BP025803.D	Benzoic acid	Rahul	9/22/2025 8:48:05 AM	Jagrut	9/22/2025 10:06:12 AM	Peak Integrated by Software

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 # BP091225

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

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

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

M : Manual Integration

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

Daily Analysis Runlog For Sequence/QCBatch ID # BP091825

Review By	Rahul	Review On	9/19/2025 8:49:17 AM				
Supervise By	Jagrut	Supervise On	9/19/2025 10:16:21 AM				
SubDirectory	BP091825	HP Acquire Method	BNA_P		HP Processing Method	BP091225	

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

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP025778.D	18 Sep 2025 08:53	CG/JU	Ok
2	SSTDCCC040	BP025779.D	18 Sep 2025 10:15	CG/JU	Ok,M
3	PB169718BL	BP025780.D	18 Sep 2025 11:15	CG/JU	Ok
4	Q3015-06	BP025781.D	18 Sep 2025 13:03	CG/JU	Dilution
5	Q3015-06DL	BP025782.D	18 Sep 2025 13:57	CG/JU	Ok,M
6	SSTDCCC040	BP025783.D	18 Sep 2025 15:07	CG/JU	Ok
7	DFTPP	BP025784.D	18 Sep 2025 16:01	CG/JU	Ok
8	SSTDCCC040	BP025785.D	18 Sep 2025 17:24	CG/JU	Ok
9	PB169731TB	BP025786.D	18 Sep 2025 18:05	CG/JU	Ok
10	PB169718BS	BP025787.D	18 Sep 2025 18:46	CG/JU	Ok
11	PB169718BL	BP025788.D	18 Sep 2025 19:28	CG/JU	Ok
12	PB169740BL	BP025789.D	18 Sep 2025 20:09	CG/JU	Ok
13	PB169740BS	BP025790.D	18 Sep 2025 20:50	CG/JU	Ok

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 # BP091925

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

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

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

M : Manual Integration

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

Daily Analysis Runlog For Sequence/QCBatch ID # BP091225

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

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

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

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 # BP091225

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

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

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

M : Manual Integration

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 # BP091825

Review By	Rahul	Review On	9/19/2025 8:49:17 AM		
Supervise By	Jagrut	Supervise On	9/19/2025 10:16:21 AM		
SubDirectory	BP091825	HP Acquire Method	BNA_P	HP Processing Method	BP091225

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

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP025778.D	18 Sep 2025 08:53		CG/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP025779.D	18 Sep 2025 10:15		CG/JU	Ok,M
3	PB169718BL	PB169718BL	BP025780.D	18 Sep 2025 11:15		CG/JU	Ok
4	Q3015-06	WP0925-PT-ACIDS-WP	BP025781.D	18 Sep 2025 13:03	P E Sample - Need 5X dilution	CG/JU	Dilution
5	Q3015-06DL	WP0925-PT-ACIDS-WP	BP025782.D	18 Sep 2025 13:57		CG/JU	Ok,M
6	SSTDCCC040	SSTDCCC040EC	BP025783.D	18 Sep 2025 15:07		CG/JU	Ok
7	DFTPP	DFTPP	BP025784.D	18 Sep 2025 16:01		CG/JU	Ok
8	SSTDCCC040	SSTDCCC040	BP025785.D	18 Sep 2025 17:24		CG/JU	Ok
9	PB169731TB	PB169731TB	BP025786.D	18 Sep 2025 18:05		CG/JU	Ok
10	PB169718BS	PB169718BS	BP025787.D	18 Sep 2025 18:46		CG/JU	Ok
11	PB169718BL	PB169718BL	BP025788.D	18 Sep 2025 19:28		CG/JU	Ok
12	PB169740BL	PB169740BL	BP025789.D	18 Sep 2025 20:09		CG/JU	Ok
13	PB169740BS	PB169740BS	BP025790.D	18 Sep 2025 20:50		CG/JU	Ok

M : Manual Integration

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Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP091925

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

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

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP025791.D	19 Sep 2025 09:31		CG/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP025792.D	19 Sep 2025 10:12		CG/JU	Ok
3	PB169731TB	PB169731TB	BP025793.D	19 Sep 2025 10:53		CG/JU	Ok
4	PB169672BS	PB169672BS	BP025794.D	19 Sep 2025 11:34		CG/JU	Ok,M
5	Q3103-01	TW-WTS-14	BP025795.D	19 Sep 2025 12:20		CG/JU	Ok
6	Q3108-01	MW2	BP025796.D	19 Sep 2025 13:01		CG/JU	Ok
7	Q3083-03	MW3S	BP025797.D	19 Sep 2025 13:43	Parameter list not updated on login page	CG/JU	Ok
8	Q3117-02	7211986-357	BP025798.D	19 Sep 2025 14:24		CG/JU	Ok
9	Q3117-02MS	7211986-357MS	BP025799.D	19 Sep 2025 15:05		CG/JU	Ok
10	Q3117-02MSD	7211986-357MSD	BP025800.D	19 Sep 2025 15:47		CG/JU	Ok
11	Q3098-04	EFF-WW	BP025801.D	19 Sep 2025 16:28	Surrogate Fail	CG/JU	Ok
12	Q3098-05MS	EFF-WWMS	BP025802.D	19 Sep 2025 17:09		CG/JU	Ok
13	Q3098-06MSD	EFF-WWMSD	BP025803.D	19 Sep 2025 17:51		CG/JU	Ok,M
14	Q3133-03	VNJ-222	BP025804.D	19 Sep 2025 18:32		CG/JU	Ok,M
15	Q3133-03MS	VNJ-222MS	BP025805.D	19 Sep 2025 19:14		CG/JU	Ok
16	Q3133-03MSD	VNJ-222MSD	BP025806.D	19 Sep 2025 19:55		CG/JU	Ok
17	Q3126-01	OK-01-091725	BP025807.D	19 Sep 2025 20:37	Need Further 2X Dilution	CG/JU	Dilution

M : Manual Integration

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB169718

SOP ID:	M625.1-BNA-21				
Clean Up SOP #:	N/A			**Extraction Start Date :**	09/17/2025
Matrix :	Water			**Extraction Start Time :**	08:35
Weigh By:	N/A	**Extraction By:**	RJ	**Extraction End Date :**	09/17/2025
Balance check:	N/A	**Filter By:**	RJ	**Extraction End Time :**	13:45
Balance ID:	N/A	**pH Meter ID:**	N/A	**Concentration By:**	EH
pH Strip Lot#:	E3953	**Hood ID:**	4,6,7	**Supervisor By :**	ritesh

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

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	50/100 PPM	SP6865
Surrogate	1.0ML	100 PPM	SP6759
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

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

1.5 ML Vial lot# 2210443. pH Adjusted<2 with 1:1 H2SO4 & >11 with10N NaOH.

KD Bath ID:	Water bath -01	**Envap ID:**	NEVAP-02
KD Bath Temperature:	60 °C	**Envap Temperature:**	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
9/17/25	RJ (Ext. lab)	RC/SVOC
13:50	**Preparation Group**	**Analysis Group**

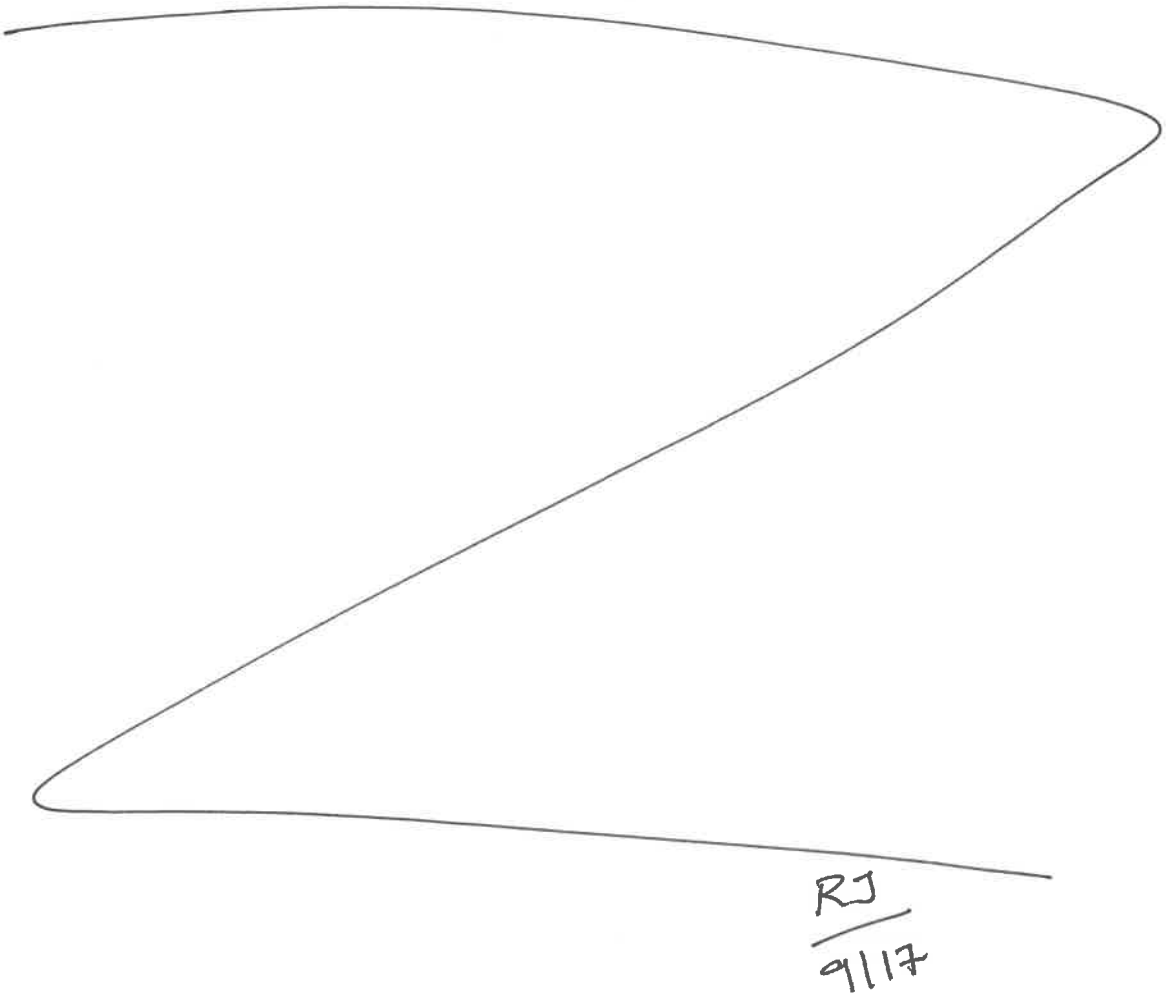
Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB169718

Analytical Method: M625.1-BNA-21 **Concentration Date:** 09/17/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB169718BL	SBLK718	SVOCMS Group1	1000	6	ritesh	Evelyn	1			SEP-1
PB169718BS	SLCS718	SVOCMS Group1	1000	6	ritesh	Evelyn	1			2
Q3015-04	WP0925-PT-BN-WP	SVOCMS Group1	1000	6	ritesh	Evelyn	1			3
Q3015-07	WP0925-PT-ACIDS-WP	SVOCMS Group2	1000	6	ritesh	Evelyn	1			4
Q3098-04	EFF-WW	SVOCMS Group1	980	6	ritesh	Evelyn	1	C		5
Q3098-05	Q3098-04MS	SVOCMS Group1	980	6	ritesh	Evelyn	1	B		6
Q3098-06	Q3098-04MSD	SVOCMS Group1	980	6	ritesh	Evelyn	1	B		7



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

169718 8:35

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3098 **WorkList ID :** 191904 **Department :** Extraction **Date :** 09-17-2025 08:30:18

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3015-04	WP0925-PT-BN-WP	Water	SVOCMS Group1	Cool 4 deg C	ALLI03	QA Of	09/02/2025	625.1
Q3015-07	WP0925-PT-ACIDS-WP	Water	SVOCMS Group2	Cool 4 deg C	ALLI03	QA Of	09/02/2025	625.1
Q3098-04	EFF-WW	Water	SVOCMS Group1	Cool 4 deg C	ARDM01	D31	09/12/2025	625.1
Q3098-05	Q3098-04MS	Water	SVOCMS Group1	Cool 4 deg C	ARDM01	D31	09/12/2025	625.1
Q3098-06	Q3098-04MSD	Water	SVOCMS Group1	Cool 4 deg C	ARDM01	D31	09/12/2025	625.1

Date/Time 9/17/25 8:30
Raw Sample Received by: RJ (EXT-Lab)
Raw Sample Relinquished by: SM

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

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. Q3098
COC Number 2045908

CLIENT INFORMATION (REPORT TO BE SENT TO:)

COMPANY: ARDMORE
ADDRESS: 29 RIVERSIDE AVE BLG #14
CITY Newark NJ STATE: ZIP: 07104
ATTENTION: MIKE SHANAHAN
PHONE: 973 481 2406 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME:
PROJECT NO.: LOCATION:
PROJECT MANAGER:
e-mail:
PHONE: FAX:

CLIENT BILLING INFORMATION

BILL TO: PO#:
ADDRESS:
CITY STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): _____ DAYS*
EDD: STAND 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
- ☐ EDD FORMAT

ANALYSIS

1: VOA 2: C-N 3: 8260 4: BOD/TSS 5: METALS 6: 7: 8: 9:

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
1.	WASTE WATER	WW		X	9/12/25	2:00 PM		X	X								
2.	WASTE WATER	WW	X		9/12/25	2:00 PM				X	X	X					
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

← Specify Preservatives
A-HCl D-NaOH
B-HN03 E-ICE
C-H2SO4 F-OTHER

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

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1. [signature]	9/12/25 2:00	1. [signature]
2.		2.
3.		3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 4.9°C °C
Comments: METALS LEAD, ZINC, COPPER, MERCURY CADMIUM, NICKEL

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.
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255425
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312

QA Control Code: A2070148

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3098 ARDM01
Client Name : Ardmore Chemical
Client Contact : Michael Sharphouse
Invoice Name : Ardmore Chemical
Invoice Contact : Michael Sharphouse

Order Date : 9/12/2025 3:10:00 PM
Project Name : PVSC Monthly 2025
Receive DateTime : 9/12/2025 3:00:00 PM
Purchase Order :

Project Mgr :
Report Type : Level 1
EDD Type : NONE
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3098-01	EFF-WW	Water	09/12/2025	14:00					
					VOC-PP		624.1		10 Bus. Days
Q3098-02	Q3098-01MS	Water	09/12/2025	14:00					
					VOC-PP		624.1		10 Bus. Days
Q3098-03	Q3098-01MSD	Water	09/12/2025	14:00					
					VOC-PP		624.1		10 Bus. Days

Relinguished By :
Date / Time : 9/12/25 1525

Received By :
Date / Time : 09/12/25 15:25

R & H 5

Storage Area : VOA Refridgerator Room