284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Cover Page

Order ID : Q1583

Project ID : PVSC Monthly 2025

Client : Ardmore Chemical

Lab Sample Number	Client Sample Number
Q1583-01	EFF-WASTE WATER
Q1583-02	EFF-WASTE WATER

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: 3/18/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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DATA REPORTING QUALIFIERS- ORGANIC

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

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

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: **Q1583**

	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:** **03/18/2025**

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LAB CHRONICLE

OrderID:	Q1583	**OrderDate:**	3/14/2025 1:50:00 PM
Client:	Ardmore Chemical	**Project:**	PVSC Monthly 2025
Contact:	Michael Sharphouse	**Location:**	F11,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1583-02	**EFF-WASTE WATER**	**Water**			**03/14/25**			**03/14/25**
			SVOCMS Group1	625.1		03/17/25	03/18/25	

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Hit Summary Sheet
SW-846

SDG No.: Q1583

Client: Ardmore Chemical

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID :								
				0.000				
			Total Svoc :			**0.00**		
			Total Concentration:			**0.00**		

QC SUMMARY

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Surrogate Summary

SW-846

SDG No.: Q1583

Client: Ardmore Chemical

Analytical Method: 625.1

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB167171BL	PB167171BL	2-Fluorophenol	100	98.3	98		60	140
		Phenol-d6	100	92.3	92		60	140
		Nitrobenzene-d5	100	96.1	96		60	140
		2-Fluorobiphenyl	100	94.3	94		60	140
		2,4,6-Tribromophenol	100	83.2	83		60	140
		Terphenyl-d14	100	103	103		60	140
PB167171BS	PB167171BS	2-Fluorophenol	100	106	106		60	140
		Phenol-d6	100	103	103		60	140
		Nitrobenzene-d5	100	102	102		60	140
		2-Fluorobiphenyl	100	99.0	99		60	140
		2,4,6-Tribromophenol	100	104	104		60	140
		Terphenyl-d14	100	104	104		60	140
PB167171BSD	PB167171BSD	2-Fluorophenol	100	98.3	98		60	140
		Phenol-d6	100	92.8	93		60	140
		Nitrobenzene-d5	100	93.0	93		60	140
		2-Fluorobiphenyl	100	92.8	93		60	140
		2,4,6-Tribromophenol	100	94.4	94		60	140
		Terphenyl-d14	100	97.5	97		60	140
Q1583-02	EFF-WASTE WATER	2-Fluorophenol	100	49.1	49	*	60	140
		Phenol-d6	100	0	0	*	60	140
		Nitrobenzene-d5	100	87.5	88		60	140
		2-Fluorobiphenyl	100	76.5	77		60	140
		2,4,6-Tribromophenol	100	92.2	92		60	140
		Terphenyl-d14	100	95.8	96		60	140

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1583

Client: Ardmore Chemical

Analytical Method: 625.1 **DataFile:** BP024182.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB167171BS	n-Nitrosodimethylamine	50	45.7	ug/L	91				52	110	
	Phenol	50	50.8	ug/L	102				48	130	
	bis(2-Chloroethyl)ether	50	46.8	ug/L	94				52	130	
	2-Chlorophenol	50	49.2	ug/L	98				55	130	
	2,2-oxybis(1-Chloropropane)	50	48.6	ug/L	97				63	139	
	N-Nitroso-di-n-propylamine	50	47.6	ug/L	95				59	170	
	Hexachloroethane	50	46.8	ug/L	94				55	130	
	Nitrobenzene	50	47.7	ug/L	95				54	158	
	Isophorone	50	51.0	ug/L	102				52	180	
	2-Nitrophenol	50	48.9	ug/L	98				61	163	
	2,4-Dimethylphenol	50	65.3	ug/L	131		*		58	130	
	bis(2-Chloroethoxy)methane	50	47.8	ug/L	96				52	164	
	2,4-Dichlorophenol	50	51.0	ug/L	102				64	130	
	1,2,4-Trichlorobenzene	50	45.8	ug/L	92				44	142	
	Naphthalene	50	45.3	ug/L	91				70	130	
	Hexachlorobutadiene	50	46.2	ug/L	92				68	130	
	4-Chloro-3-methylphenol	50	50.7	ug/L	101				68	130	
	Hexachlorocyclopentadiene	100	170	ug/L	170		*		21	137	
	2,4,6-Trichlorophenol	50	50.7	ug/L	101				69	130	
	2-Chloronaphthalene	50	47.1	ug/L	94				70	130	
	Dimethylphthalate	50	48.5	ug/L	97				50	130	
	Acenaphthylene	50	51.2	ug/L	102				60	130	
	2,6-Dinitrotoluene	50	50.1	ug/L	100				68	137	
	Acenaphthene	50	47.3	ug/L	95				70	130	
	2,4-Dinitrophenol	100	130	ug/L	130				39	173	
	4-Nitrophenol	100	120	ug/L	120				35	130	
	2,4-Dinitrotoluene	50	53.3	ug/L	107				53	130	
	Diethylphthalate	50	48.4	ug/L	97				47	130	
	4-Chlorophenyl-phenylether	50	48.0	ug/L	96				57	145	
	Fluorene	50	48.4	ug/L	97				70	130	
	4,6-Dinitro-2-methylphenol	50	51.6	ug/L	103				56	130	
	N-Nitrosodiphenylamine	50	49.7	ug/L	99				63	100	
	Azobenzene	50	48.6	ug/L	97				58	105	
	4-Bromophenyl-phenylether	50	48.6	ug/L	97				70	130	
	Hexachlorobenzene	50	48.5	ug/L	97				38	142	
	Pentachlorophenol	100	110	ug/L	110				42	152	
	Phenanthrene	50	48.0	ug/L	96				67	130	
	Anthracene	50	50.7	ug/L	101				58	130	
	Di-n-butylphthalate	50	49.1	ug/L	98				52	130	
	Fluoranthene	50	48.2	ug/L	96				47	130	
	Benzidine	100	110	ug/L	110				10	133	
	Pyrene	50	48.9	ug/L	98				70	130	
	Butylbenzylphthalate	50	49.7	ug/L	99				43	140	
	3,3-Dichlorobenzidine	50	37.4	ug/L	75				18	213	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1583

Client: Ardmore Chemical

Analytical Method: 625.1 **DataFile:** BP024182.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB167171BS	Benzo(a)anthracene	50	48.5	ug/L	97				42	133	
	Chrysene	50	47.4	ug/L	95				44	140	
	bis(2-Ethylhexyl)phthalate	50	49.0	ug/L	98				43	137	
	Di-n-octyl phthalate	50	49.1	ug/L	98				21	132	
	Benzo(b)fluoranthene	50	48.7	ug/L	97				42	140	
	Benzo(k)fluoranthene	50	49.6	ug/L	99				25	146	
	Benzo(a)pyrene	50	52.6	ug/L	105				32	148	
	Indeno(1,2,3-cd)pyrene	50	49.0	ug/L	98				13	151	
	Dibenz(a,h)anthracene	50	48.9	ug/L	98				13	200	
	Benzo(g,h,i)perylene	50	45.3	ug/L	91				13	195	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1583

Client: Ardmore Chemical

Analytical Method: 625.1 **DataFile:** BP024183.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB167171BSD	n-Nitrosodimethylamine	50	42.2	ug/L	84	8			52	110	20
	Phenol	50	46.1	ug/L	92	10			48	130	20
	bis(2-Chloroethyl)ether	50	43.2	ug/L	86	8			52	130	20
	2-Chlorophenol	50	44.9	ug/L	90	9			55	130	20
	2,2-oxybis(1-Chloropropane)	50	44.7	ug/L	89	8			63	139	20
	N-Nitroso-di-n-propylamine	50	43.2	ug/L	86	10			59	170	20
	Hexachloroethane	50	43.1	ug/L	86	8			55	130	20
	Nitrobenzene	50	43.4	ug/L	87	9			54	158	20
	Isophorone	50	46.0	ug/L	92	10			52	180	20
	2-Nitrophenol	50	44.6	ug/L	89	9			61	163	20
	2,4-Dimethylphenol	50	58.2	ug/L	116	11			58	130	20
	bis(2-Chloroethoxy)methane	50	43.2	ug/L	86	10			52	164	20
	2,4-Dichlorophenol	50	46.2	ug/L	92	10			64	130	20
	1,2,4-Trichlorobenzene	50	42.0	ug/L	84	9			44	142	20
	Naphthalene	50	41.5	ug/L	83	9			70	130	20
	Hexachlorobutadiene	50	42.9	ug/L	86	7			68	130	20
	4-Chloro-3-methylphenol	50	44.8	ug/L	90	12			68	130	20
	Hexachlorocyclopentadiene	100	160	ug/L	160	6	*		21	137	20
	2,4,6-Trichlorophenol	50	46.6	ug/L	93	8			69	130	20
	2-Chloronaphthalene	50	44.2	ug/L	88	6			70	130	20
	Dimethylphthalate	50	44.1	ug/L	88	10			50	130	20
	Acenaphthylene	50	47.2	ug/L	94	8			60	130	20
	2,6-Dinitrotoluene	50	45.5	ug/L	91	10			68	137	20
	Acenaphthene	50	44.0	ug/L	88	7			70	130	20
	2,4-Dinitrophenol	100	120	ug/L	120	8			39	173	20
	4-Nitrophenol	100	110	ug/L	110	9			35	130	20
	2,4-Dinitrotoluene	50	49.1	ug/L	98	8			53	130	20
	Diethylphthalate	50	44.2	ug/L	88	9			47	130	20
	4-Chlorophenyl-phenylether	50	44.3	ug/L	89	8			57	145	20
	Fluorene	50	44.5	ug/L	89	8			70	130	20
	4,6-Dinitro-2-methylphenol	50	47.4	ug/L	95	8			56	130	20
	N-Nitrosodiphenylamine	50	46.0	ug/L	92	8			63	100	20
	Azobenzene	50	44.5	ug/L	89	9			58	105	20
	4-Bromophenyl-phenylether	50	43.8	ug/L	88	10			70	130	20
	Hexachlorobenzene	50	44.0	ug/L	88	10			38	142	20
	Pentachlorophenol	100	98.2	ug/L	98	11			42	152	20
	Phenanthrene	50	44.4	ug/L	89	8			67	130	20
	Anthracene	50	46.4	ug/L	93	9			58	130	20
	Di-n-butylphthalate	50	45.2	ug/L	90	8			52	130	20
	Fluoranthene	50	44.7	ug/L	89	8			47	130	20
	Benzidine	100	96.8	ug/L	97	13			10	133	20
	Pyrene	50	45.0	ug/L	90	8			70	130	20
	Butylbenzylphthalate	50	46.8	ug/L	94	6			43	140	20
	3,3-Dichlorobenzidine	50	35.1	ug/L	70	6			18	213	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1583

Client: Ardmore Chemical

Analytical Method: 625.1 **DataFile:** BP024183.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB167171BSD	Benzo(a)anthracene	50	45.8	ug/L	92	6			42	133	20
	Chrysene	50	44.1	ug/L	88	7			44	140	20
	bis(2-Ethylhexyl)phthalate	50	45.9	ug/L	92	7			43	137	20
	Di-n-octyl phthalate	50	45.1	ug/L	90	8			21	132	20
	Benzo(b)fluoranthene	50	43.9	ug/L	88	10			42	140	20
	Benzo(k)fluoranthene	50	46.8	ug/L	94	6			25	146	20
	Benzo(a)pyrene	50	48.3	ug/L	97	9			32	148	20
	Indeno(1,2,3-cd)pyrene	50	44.6	ug/L	89	9			13	151	20
	Dibenz(a,h)anthracene	50	44.7	ug/L	89	9			13	200	20
	Benzo(g,h,i)perylene	50	41.5	ug/L	83	9			13	195	20

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB167171BL

Lab Name: CHEMTECH Contract: ARDM01

Lab Code: CHEM Case No.: Q1583 SAS No.: Q1583 SDG NO.: Q1583

Lab File ID: BP024184.D Lab Sample ID: PB167171BL

Instrument ID: BNA_P Date Extracted: 03/17/2025

Matrix: (soil/water) Water Date Analyzed: 03/18/2025

Level: (low/med) LOW Time Analyzed: 13:10

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB167171BS	PB167171BS	BP024182.D	03/18/2025
PB167171BSD	PB167171BSD	BP024183.D	03/18/2025
EFF-WASTE WATER	Q1583-02	BP024185.D	03/18/2025

COMMENTS:

Alliance TECHNICAL GROUP
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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: ARDM01

Lab Code: CHEM SAS No.: Q1583 SDG NO.: Q1583

Lab File ID: BP024159.D DFTPP Injection Date: 03/12/2025

Instrument ID: BNA_P DFTPP Injection Time: 15:36

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	28.5
68	Less than 2.0% of mass 69	0.6 (1.6) 1
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	40.0 - 60.0% of mass 198	46.1
197	Less than 1.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 30.0% of mass 198	27.5
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	14.7
442	Greater than 40% of mass 198	94.8
443	17.0 - 23.0% of mass 442	18.4 (19.5) 2

1-Value is % mass 69 2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDICC2.5	SSTDICC2.5	BP024160.D	03/12/2025	16:17
SSTDICC005	SSTDICC005	BP024161.D	03/12/2025	16:57
SSTDICC010	SSTDICC010	BP024162.D	03/12/2025	17:38
SSTDICC020	SSTDICC020	BP024163.D	03/12/2025	18:19
SSTDICCC040	SSTDICCC040	BP024164.D	03/12/2025	19:00
SSTDICC050	SSTDICC050	BP024165.D	03/12/2025	19:41
SSTDICC060	SSTDICC060	BP024166.D	03/12/2025	20:21
SSTDICC080	SSTDICC080	BP024167.D	03/12/2025	21:02

Alliance TECHNICAL GROUP
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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: ARDM01

Lab Code: CHEM SAS No.: Q1583 SDG NO.: Q1583

Lab File ID: BP024178.D DFTPP Injection Date: 03/18/2025

Instrument ID: BNA_P DFTPP Injection Time: 09:05

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	30.0 - 60.0% of mass 198	29
68	Less than 2.0% of mass 69	0.5 (1.6) 1
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	40.0 - 60.0% of mass 198	47.4
197	Less than 1.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 30.0% of mass 198	27.5
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	14.8
442	Greater than 40% of mass 198	98.8
443	17.0 - 23.0% of mass 442	18.8 (19) 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	BP024179.D	03/18/2025	09:46
PB167171BS	PB167171BS	BP024182.D	03/18/2025	11:48
PB167171BSD	PB167171BSD	BP024183.D	03/18/2025	12:29
PB167171BL	PB167171BL	BP024184.D	03/18/2025	13:10
EFF-WASTE WATER	Q1583-02	BP024185.D	03/18/2025	13:57

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1583 SAS No.: Q1583 SDG NO.: Q1583

EPA Sample No.: SSTDCCC040 Date Analyzed: 03/18/2025

Lab File ID: BP024179.D Time Analyzed: 09:46

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	345886	7.769	1431680	10.55	884889	14.40
	UPPER LIMIT	691772	8.269	2863360	11.046	1769780	14.898
	LOWER LIMIT	172943	7.269	715840	10.046	442445	13.898
	EPA SAMPLE NO.						
01	PB167171BL	335947	7.77	1339280	10.55	801993	14.40
02	PB167171BS	336256	7.77	1366720	10.55	842343	14.40
03	PB167171BSD	342755	7.77	1386720	10.55	818395	14.41
04	EFF-WASTE WATER	457444	7.76	1832300	10.55	1103670	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: CHEMTECH

Lab Code: CHEM Case No.: Q1583 SAS No.: Q1583 SDG NO.: Q1583

EPA Sample No.: SSTDCCC040 Date Analyzed: 03/18/2025

Lab File ID: BP024179.D Time Analyzed: 09:46

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	1703420	17.21	1890510	21.663	2037050	25.068
	UPPER LIMIT	3406840	17.71	3781020	22.163	4074100	25.568
	LOWER LIMIT	851710	16.71	945255	21.163	1018530	24.568
	EPA SAMPLE NO.						
01	PB167171BL	1554230	17.20	1662990	21.65	1790930	25.06
02	PB167171BS	1608210	17.20	1705740	21.66	1768980	25.05
03	PB167171BSD	1574850	17.21	1673960	21.66	1743510	25.06
04	EFF-WASTE WATER	1992010	17.19	1940680	21.65	2196020	25.04

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: **BP024185.D**

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Report of Analysis

Client:	Ardmore Chemical	Date Collected:	03/14/25
Project:	PVSC Monthly 2025	Date Received:	03/14/25
Client Sample ID:	EFF-WASTE WATER	SDG No.:	Q1583
Lab Sample ID:	Q1583-02	Matrix:	Water
Analytical Method:	625.1	% Solid:	0
Sample Wt/Vol:	890 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
BP024185.D	1	03/17/25 09:15	03/18/25 13:57	PB167171

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
62-75-9	n-Nitrosodimethylamine	0.97	U	0.97	11.2	ug/L
108-95-2	Phenol	1.00	U	1.00	5.60	ug/L
111-44-4	bis(2-Chloroethyl)ether	0.91	U	0.91	5.60	ug/L
95-57-8	2-Chlorophenol	0.65	U	0.65	5.60	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.40	U	1.40	5.60	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.60	U	1.60	5.60	ug/L
67-72-1	Hexachloroethane	0.73	U	0.73	5.60	ug/L
98-95-3	Nitrobenzene	0.85	U	0.85	5.60	ug/L
78-59-1	Isophorone	0.84	U	0.84	5.60	ug/L
88-75-5	2-Nitrophenol	2.00	U	2.00	5.60	ug/L
105-67-9	2,4-Dimethylphenol	2.10	UQ	2.10	5.60	ug/L
111-91-1	bis(2-Chloroethoxy)methane	0.76	U	0.76	5.60	ug/L
120-83-2	2,4-Dichlorophenol	0.58	U	0.58	5.60	ug/L
120-82-1	1,2,4-Trichlorobenzene	0.61	U	0.61	5.60	ug/L
91-20-3	Naphthalene	0.56	U	0.56	5.60	ug/L
87-68-3	Hexachlorobutadiene	0.61	U	0.61	5.60	ug/L
59-50-7	4-Chloro-3-methylphenol	0.66	U	0.66	5.60	ug/L
77-47-4	Hexachlorocyclopentadiene	4.10	UQ	4.10	11.2	ug/L
88-06-2	2,4,6-Trichlorophenol	0.57	U	0.57	5.60	ug/L
91-58-7	2-Chloronaphthalene	0.69	U	0.69	5.60	ug/L
131-11-3	Dimethylphthalate	0.69	U	0.69	5.60	ug/L
208-96-8	Acenaphthylene	0.84	U	0.84	5.60	ug/L
606-20-2	2,6-Dinitrotoluene	1.00	U	1.00	5.60	ug/L
83-32-9	Acenaphthene	0.62	U	0.62	5.60	ug/L
51-28-5	2,4-Dinitrophenol	6.70	U	6.70	11.2	ug/L
100-02-7	4-Nitrophenol	2.70	U	2.70	11.2	ug/L
121-14-2	2,4-Dinitrotoluene	1.40	U	1.40	5.60	ug/L
84-66-2	Diethylphthalate	0.78	U	0.78	5.60	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.76	U	0.76	5.60	ug/L

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Report of Analysis

Client:	Ardmore Chemical	Date Collected:	03/14/25
Project:	PVSC Monthly 2025	Date Received:	03/14/25
Client Sample ID:	EFF-WASTE WATER	SDG No.:	Q1583
Lab Sample ID:	Q1583-02	Matrix:	Water
Analytical Method:	625.1	% Solid:	0
Sample Wt/Vol:	890 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
BP024185.D	1	03/17/25 09:15	03/18/25 13:57	PB167171

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
86-73-7	Fluorene	0.71	U	0.71	5.60	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.20	U	3.20	11.2	ug/L
86-30-6	n-Nitrosodiphenylamine	0.65	U	0.65	5.60	ug/L
103-33-3	Azobenzene	0.91	U	0.91	5.60	ug/L
101-55-3	4-Bromophenyl-phenylether	0.45	U	0.45	5.60	ug/L
118-74-1	Hexachlorobenzene	0.58	U	0.58	5.60	ug/L
87-86-5	Pentachlorophenol	1.80	U	1.80	11.2	ug/L
85-01-8	Phenanthrene	0.56	U	0.56	5.60	ug/L
120-12-7	Anthracene	0.69	U	0.69	5.60	ug/L
84-74-2	Di-n-butylphthalate	1.40	U	1.40	5.60	ug/L
206-44-0	Fluoranthene	0.92	U	0.92	5.60	ug/L
92-87-5	Benzidine	4.80	U	4.80	11.2	ug/L
129-00-0	Pyrene	0.56	U	0.56	5.60	ug/L
85-68-7	Butylbenzylphthalate	2.20	U	2.20	5.60	ug/L
91-94-1	3,3-Dichlorobenzidine	1.00	U	1.00	11.2	ug/L
56-55-3	Benzo(a)anthracene	0.51	U	0.51	5.60	ug/L
218-01-9	Chrysene	0.49	U	0.49	5.60	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.80	U	1.80	5.60	ug/L
117-84-0	Di-n-octyl phthalate	2.60	U	2.60	11.2	ug/L
205-99-2	Benzo(b)fluoranthene	0.55	U	0.55	5.60	ug/L
207-08-9	Benzo(k)fluoranthene	0.54	U	0.54	5.60	ug/L
50-32-8	Benzo(a)pyrene	0.62	U	0.62	5.60	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	0.66	U	0.66	5.60	ug/L
53-70-3	Dibenzo(a,h)anthracene	0.75	U	0.75	5.60	ug/L
191-24-2	Benzo(g,h,i)perylene	0.78	U	0.78	5.60	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	49.1	*	60 - 140	49%	SPK: 100
13127-88-3	Phenol-d6	0	*	60 - 140	0%	SPK: 100
4165-60-0	Nitrobenzene-d5	87.5		60 - 140	88%	SPK: 100
321-60-8	2-Fluorobiphenyl	76.5		60 - 140	77%	SPK: 100

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Report of Analysis

Client:	Ardmore Chemical	Date Collected:	03/14/25
Project:	PVSC Monthly 2025	Date Received:	03/14/25
Client Sample ID:	EFF-WASTE WATER	SDG No.:	Q1583
Lab Sample ID:	Q1583-02	Matrix:	Water
Analytical Method:	625.1	% Solid:	0
Sample Wt/Vol:	890 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
BP024185.D	1	03/17/25 09:15	03/18/25 13:57	PB167171

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	92.2		60 - 140	92%	SPK: 100
1718-51-0	Terphenyl-d14	95.8		60 - 140	96%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	457000	7.758			
1146-65-2	Naphthalene-d8	1830000	10.546			
15067-26-2	Acenaphthene-d10	1100000	14.393			
1517-22-2	Phenanthrene-d10	1990000	17.192			
1719-03-5	Chrysene-d12	1940000	21.645			
1520-96-3	Perylene-d12	2200000	25.039			

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\BP031825\
Data File : BP024185.D
Acq On : 18 Mar 2025 13:57
Operator : RC/JU
Sample : Q1583-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EFF-WASTE WATER

Quant Time: Mar 18 14:18:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.758	152	457444	20.000	ng	-0.01
21) Naphthalene-d8	10.546	136	1832298	20.000	ng	0.00
39) Acenaphthene-d10	14.393	164	1103670	20.000	ng	-0.01
64) Phenanthrene-d10	17.192	188	1992010	20.000	ng	-0.01
76) Chrysene-d12	21.645	240	1940679	20.000	ng	-0.01
86) Perylene-d12	25.039	264	2196024	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	1406191m	49.070	ng	0.00
7) Phenol-d6	0.000	99	0d	0.000	ng	
23) Nitrobenzene-d5	8.952	82	2842794	87.537	ng	0.03
42) 2,4,6-Tribromophenol	15.910	330	1282041	92.219	ng	0.00
45) 2-Fluorobiphenyl	13.004	172	5726243	76.504	ng	-0.01
79) Terphenyl-d14	19.916	244	9002320	95.754	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	10.228	122	9911000m	516.442	ng	

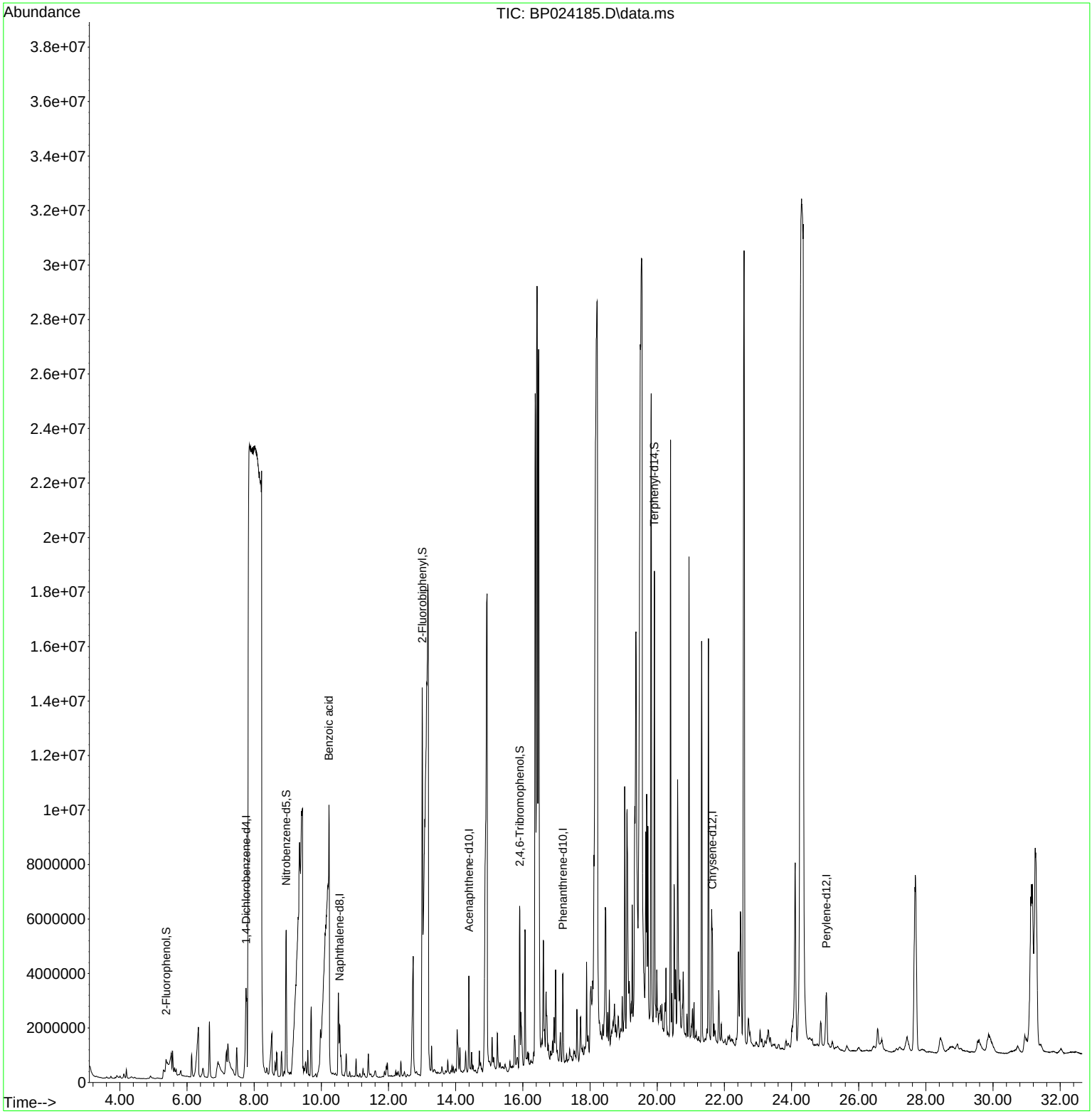
(#) = qualifier out of range (m) = manual integration (+) = signals summed

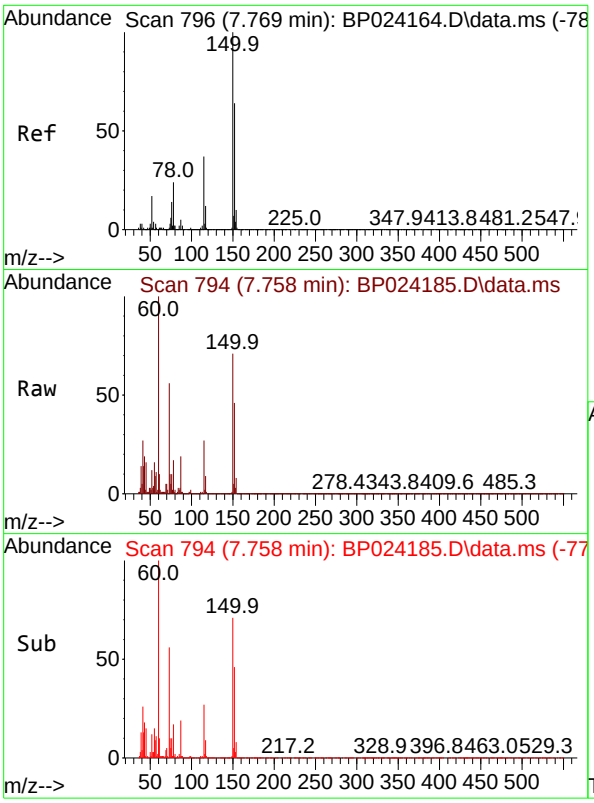
Sample Results: **BP024185.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031825\
Data File : BP024185.D
Acq On : 18 Mar 2025 13:57
Operator : RC/JU
Sample : Q1583-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EFF-WASTE WATER

Quant Time: Mar 18 14:18:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 2025
Response via : Initial Calibration



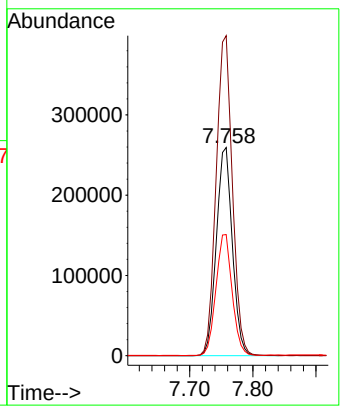


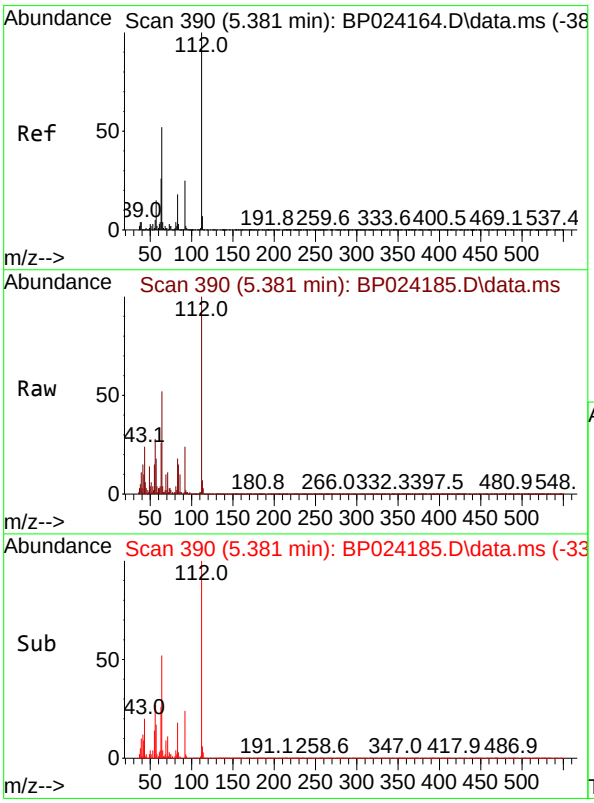
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.758 min Scan# 7
Delta R.T. -0.011 min
Lab File: BP024185.D
Acq: 18 Mar 2025 13:57

Instrument :
BNA_P
ClientSampleId :
EFF-WASTE WATER

Tgt Ion:152 Resp: 457444

Ion	Ratio	Lower	Upper
152	100		
150	153.8	125.5	188.3
115	58.2	46.3	69.5

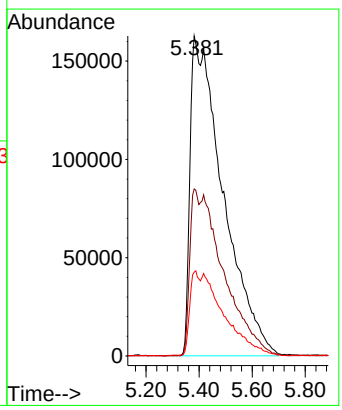


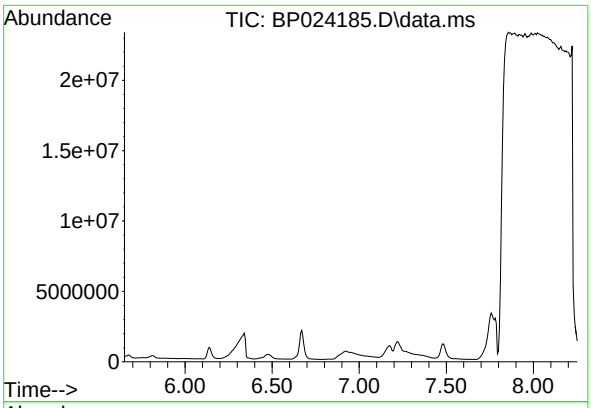


#5
2-Fluorophenol
Concen: 49.070 ng m
RT: 5.381 min Scan# 390
Delta R.T. 0.000 min
Lab File: BP024185.D
Acq: 18 Mar 2025 13:57

Tgt Ion:112 Resp: 1406191

Ion	Ratio	Lower	Upper
112	100		
64	52.2	41.3	61.9
63	26.2	20.6	31.0





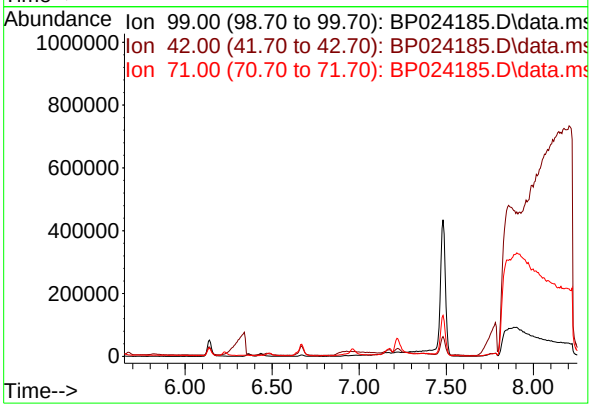
#7
Phenol-d6
Concen: 0.000 ng
Expected RT: 6.95 min

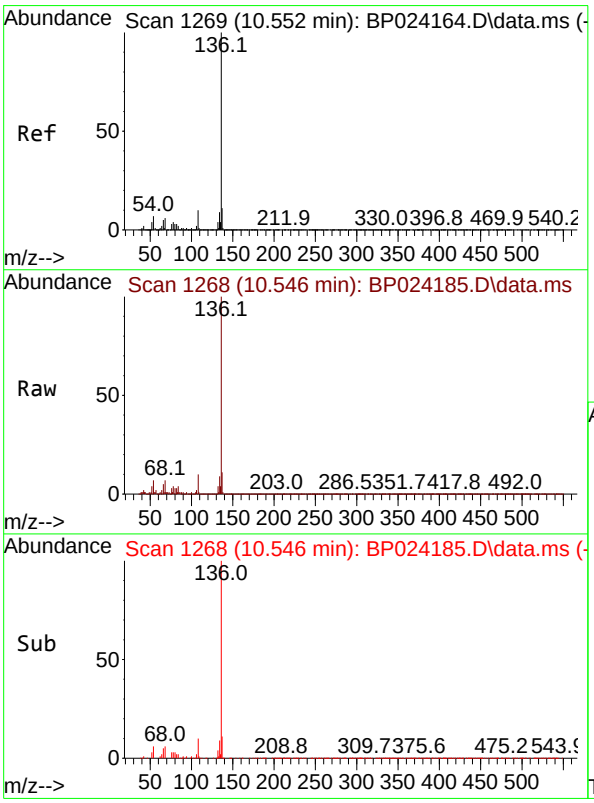
Lab File: BP024185.D
Acq: 18 Mar 2025 13:57

Instrument :
BNA_P
ClientSampleId :
EFF-WASTE WATER

Tgt Ion: 99

Sig	Exp Ratio
99	100
42	13.3
71	29.1

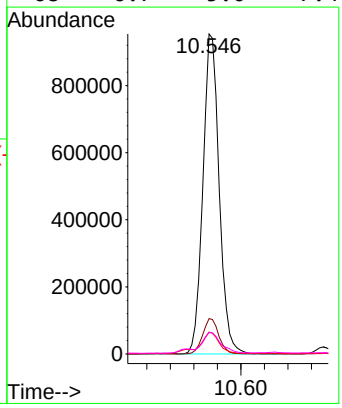


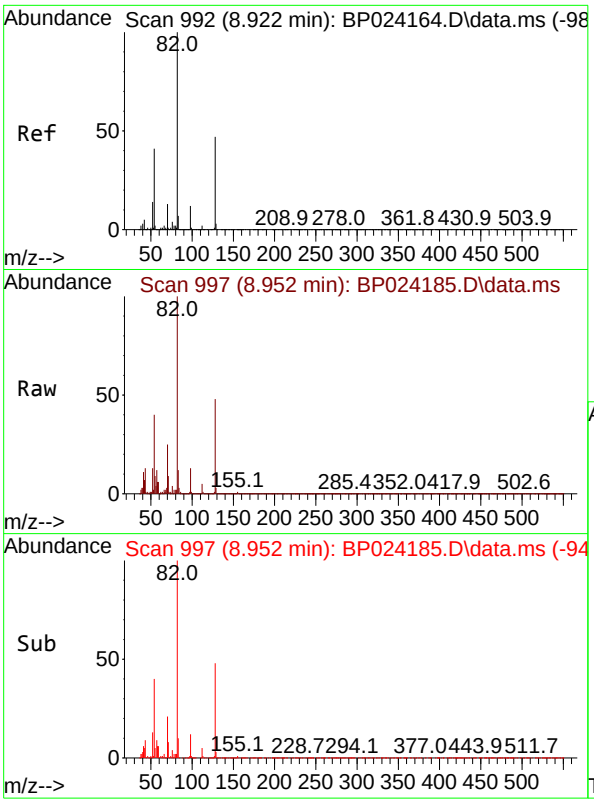


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.546 min Scan# 1268
Delta R.T. -0.006 min
Lab File: BP024185.D
Acq: 18 Mar 2025 13:57

Tgt Ion:136 Resp: 1832298

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	6.8	5.3	7.9
68	6.7	5.0	7.4



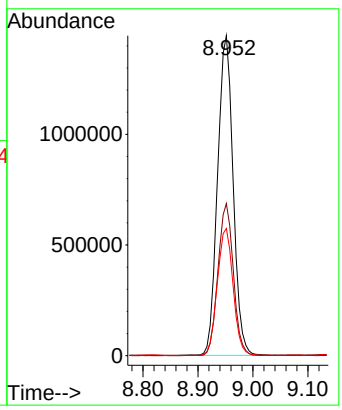


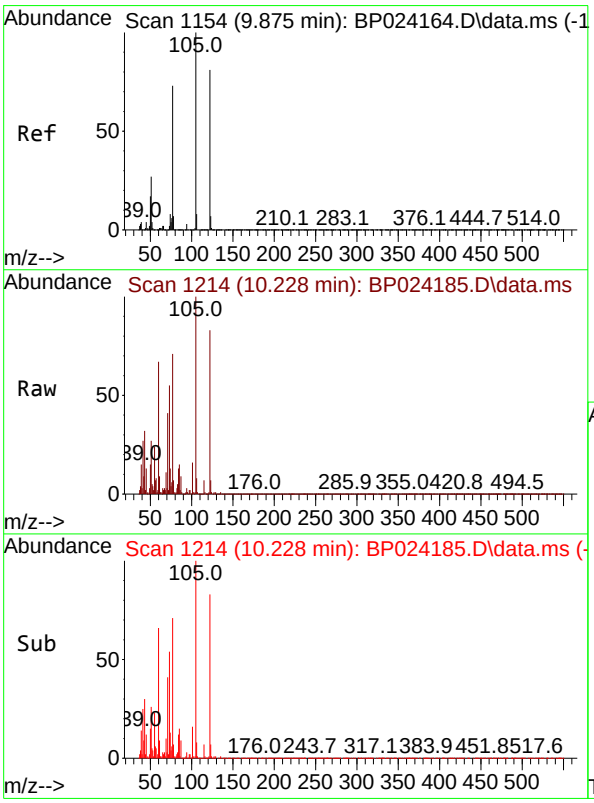
#23
Nitrobenzene-d5
Concen: 87.537 ng
RT: 8.952 min Scan# 9
Delta R.T. 0.029 min
Lab File: BP024185.D
Acq: 18 Mar 2025 13:57

Instrument :
BNA_P
ClientSampleId :
EFF-WASTE WATER

Tgt Ion: 82 Resp: 2842794

Ion	Ratio	Lower	Upper
82	100		
128	47.5	37.4	56.0
54	39.8	32.5	48.7

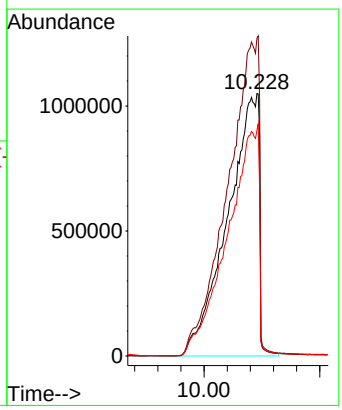


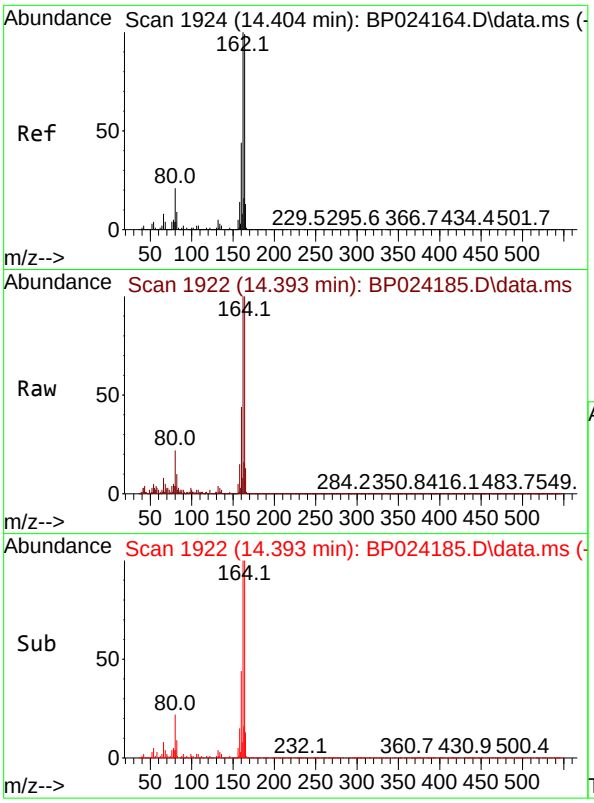


#32
Benzoic acid
Concen: 516.442 ng m
RT: 10.228 min Scan# 1214
Delta R.T. 0.353 min
Lab File: BP024185.D
Acq: 18 Mar 2025 13:57

Tgt Ion:122 Resp: 9911000

Ion	Ratio	Lower	Upper
122	100		
105	121.0	100.3	140.3
77	85.9	69.1	109.1



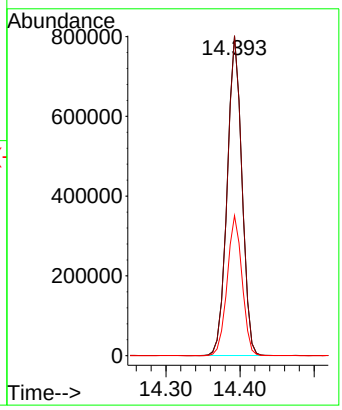


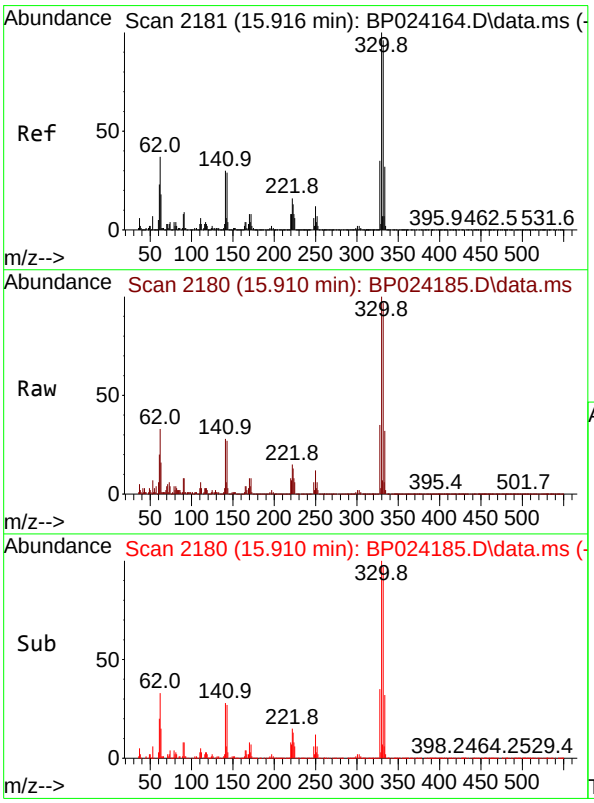
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.393 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024185.D
Acq: 18 Mar 2025 13:57

Instrument :
BNA_P
ClientSampleId :
EFF-WASTE WATER

Tgt Ion:164 Resp: 1103670

Ion	Ratio	Lower	Upper
164	100		
162	100.1	80.6	121.0
160	43.8	35.4	53.2

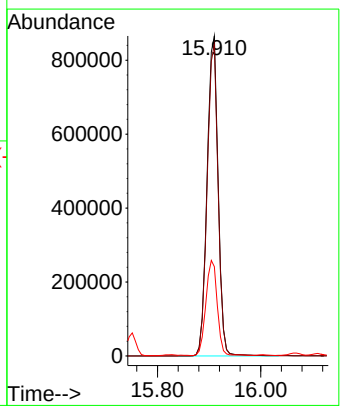


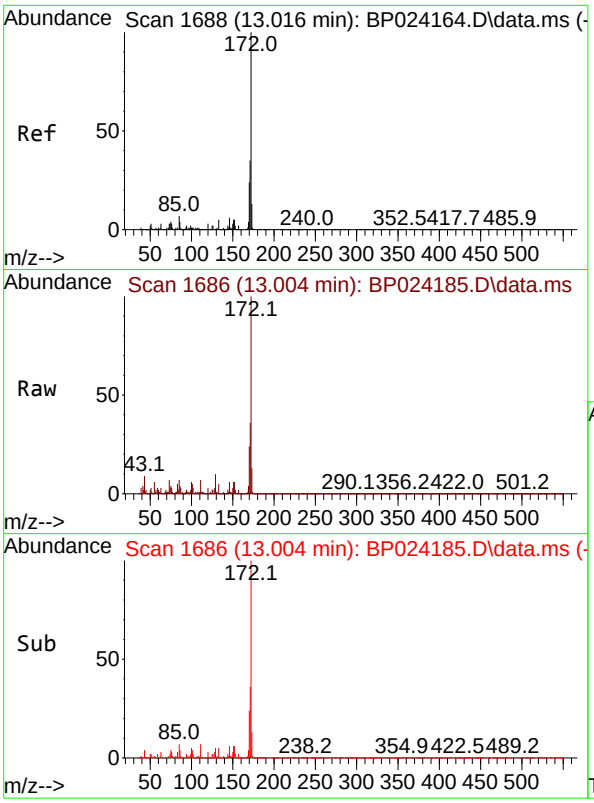


#42
2,4,6-Tribromophenol
Concen: 92.219 ng
RT: 15.910 min Scan# 2180
Delta R.T. -0.006 min
Lab File: BP024185.D
Acq: 18 Mar 2025 13:57

Tgt Ion:330 Resp: 1282041

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.6	116.4
141	30.7	25.0	37.6



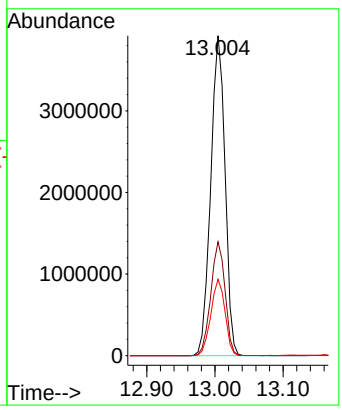


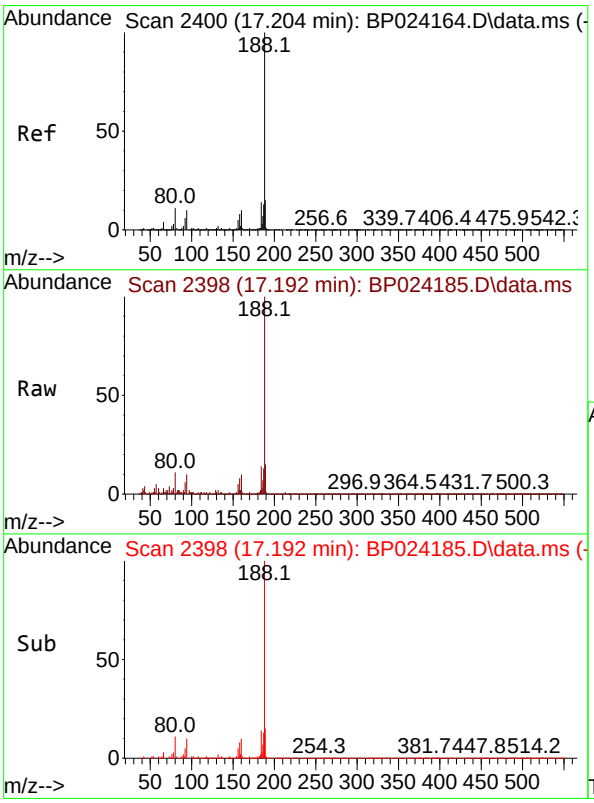
#45
2-Fluorobiphenyl
Concen: 76.504 ng
RT: 13.004 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP024185.D
Acq: 18 Mar 2025 13:57

Instrument :
BNA_P
ClientSampleId :
EFF-WASTE WATER

Tgt Ion:172 Resp: 5726243

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.3	42.5
170	23.9	19.0	28.4

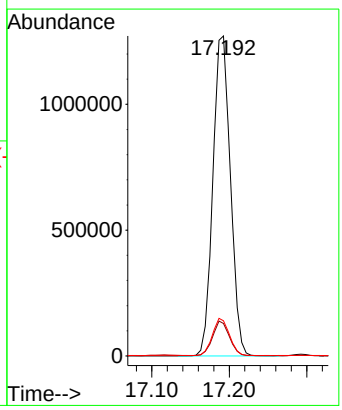


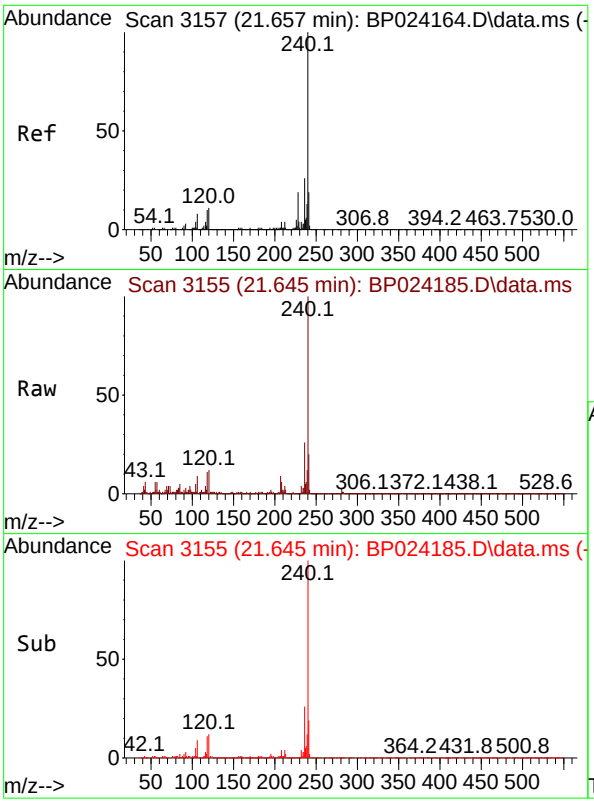


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.192 min Scan# 2398
Delta R.T. -0.012 min
Lab File: BP024185.D
Acq: 18 Mar 2025 13:57

Tgt Ion:188 Resp: 1992010

Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.1	12.1
80	11.0	8.9	13.3



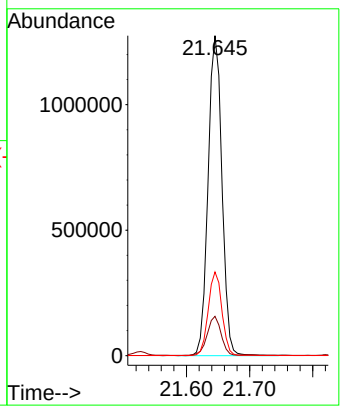


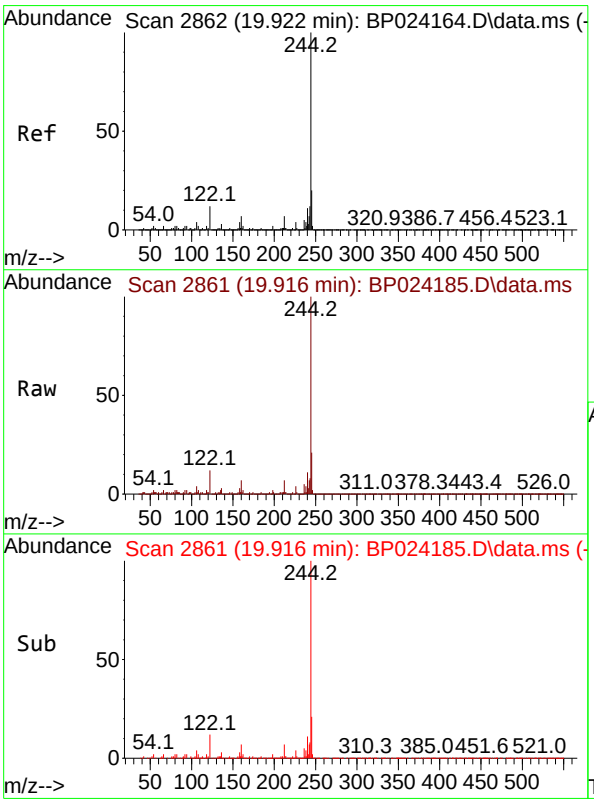
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.645 min Scan# 3
Delta R.T. -0.012 min
Lab File: BP024185.D
Acq: 18 Mar 2025 13:57

Instrument :
BNA_P
ClientSampleId :
EFF-WASTE WATER

Tgt Ion:240 Resp: 1940679

Ion	Ratio	Lower	Upper
240	100		
120	12.3	9.2	13.8
236	26.2	20.4	30.6

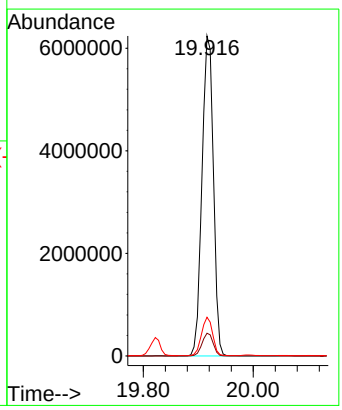


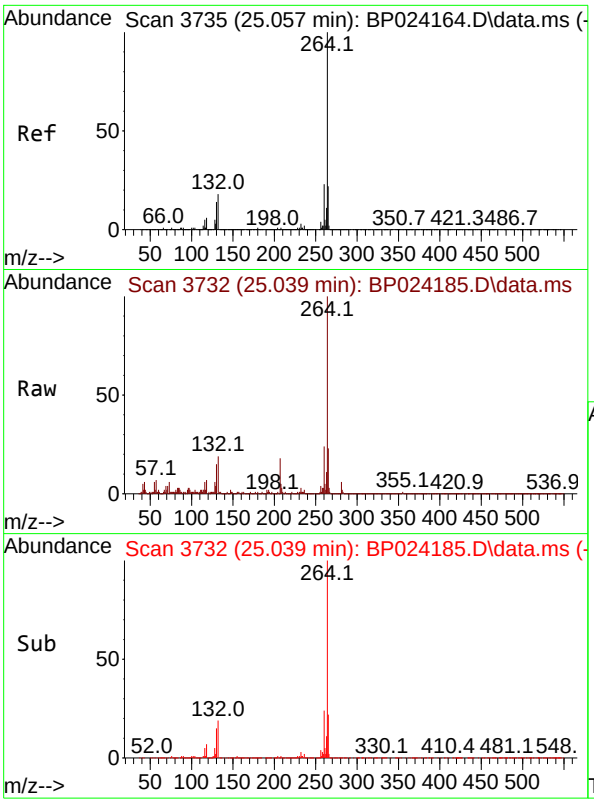


#79
Terphenyl-d14
Concen: 95.754 ng
RT: 19.916 min Scan# 2861
Delta R.T. -0.006 min
Lab File: BP024185.D
Acq: 18 Mar 2025 13:57

Tgt Ion:244 Resp: 9002320

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	12.1	9.6	14.4



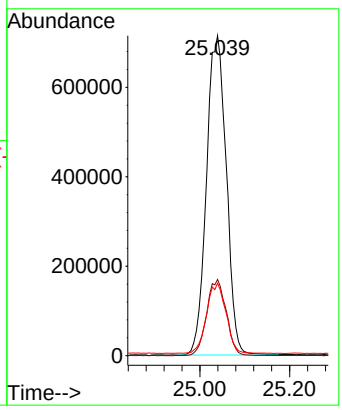


#86
Perylene-d12
Concen: 20.000 ng
RT: 25.039 min Scan# 3
Delta R.T. -0.018 min
Lab File: BP024185.D
Acq: 18 Mar 2025 13:57

Instrument :
BNA_P
ClientSampleId :
EFF-WASTE WATER

Tgt Ion:264 Resp: 2196024

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.5	27.7
265	22.6	17.7	26.5



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: CHEMTECH Contract: ARDM01

Lab Code: CHEM Case No.: Q1583 SAS No.: Q1583 SDG No.: Q1583

Instrument ID: BNA_P Calibration Date(s): 03/12/2025 03/12/2025

Calibration Time(s): 16:17 21:02

LAB FILE ID: RRF2.5 = BP024160.D RRF005 = BP024161.D RRF010 = BP024162.D
RRF020 = BP024163.D RRF040 = BP024164.D RRF050 = BP024165.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine		0.444	0.436	0.476	0.431	0.461	0.454	3.7
2-Fluorophenol		1.158	1.194	1.307	1.211	1.291	1.253	5.1
Phenol-d6		1.518	1.581	1.747	1.631	1.749	1.675	5.9
Phenol		1.579	1.632	1.754	1.628	1.744	1.691	4.5
bis(2-Chloroethyl)ether		1.286	1.317	1.407	1.273	1.341	1.334	3.5
2-Chlorophenol		1.257	1.310	1.413	1.306	1.391	1.353	4.5
2,2-oxybis(1-Chloropropane)		1.374	1.367	1.434	1.293	1.365	1.361	3.1
n-Nitroso-di-n-propylamine	0.869	0.910	0.956	1.048	0.962	1.026	0.972	6.2
Nitrobenzene-d5		0.330	0.338	0.366	0.351	0.362	0.354	4.3
Hexachloroethane		0.533	0.512	0.547	0.508	0.533	0.529	2.7
Nitrobenzene		0.330	0.336	0.362	0.341	0.355	0.350	3.9
Isophorone		0.532	0.562	0.631	0.602	0.635	0.608	7.3
2-Nitrophenol		0.126	0.141	0.167	0.171	0.182	0.167	14.9
2,4-Dimethylphenol		0.186	0.198	0.220	0.215	0.223	0.215	7.9
bis(2-Chloroethoxy)methane		0.414	0.418	0.438	0.418	0.429	0.427	2.5
2,4-Dichlorophenol		0.237	0.263	0.298	0.296	0.306	0.291	10.2
1,2,4-Trichlorobenzene		0.310	0.312	0.329	0.312	0.322	0.321	2.9
Naphthalene		1.041	1.037	1.099	1.029	1.069	1.060	2.4
Hexachlorobutadiene		0.177	0.178	0.187	0.180	0.187	0.185	3.4
4-Chloro-3-methylphenol		0.261	0.283	0.324	0.314	0.333	0.313	9.8
Hexachlorocyclopentadiene		0.169	0.189	0.214	0.212	0.220	0.208	10.6
2,4,6-Trichlorophenol		0.291	0.324	0.379	0.372	0.391	0.367	12.0
2-Fluorobiphenyl		1.364	1.358	1.420	1.319	1.335	1.356	2.4
2-Chloronaphthalene		1.108	1.100	1.180	1.095	1.115	1.130	3.0
Dimethylphthalate		1.351	1.349	1.459	1.358	1.417	1.399	3.3
Acenaphthylene		1.586	1.628	1.776	1.661	1.749	1.710	4.9
2,6-Dinitrotoluene		0.248	0.266	0.303	0.294	0.312	0.294	9.4
Acenaphthene		1.057	1.056	1.136	1.061	1.096	1.093	3.2
2,4-Dinitrophenol			0.108	0.146	0.160	0.179	0.156	20.0
4-Nitrophenol		0.187	0.218	0.271	0.277	0.299	0.266	17.4
2,4-Dinitrotoluene		0.295	0.334	0.400	0.394	0.423	0.389	14.2
Diethylphthalate		1.297	1.336	1.437	1.358	1.422	1.394	4.5
4-Chlorophenyl-phenylether		0.658	0.660	0.696	0.658	0.685	0.676	2.5
Fluorene		1.309	1.343	1.442	1.345	1.407	1.379	3.4

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: CHEMTECH Contract: ARDM01

Lab Code: CHEM Case No.: Q1583 SAS No.: Q1583 SDG No.: Q1583

Instrument ID: BNA_P Calibration Date(s): 03/12/2025 03/12/2025

Calibration Time(s): 16:17 21:02

LAB FILE ID: RRF2.5 = BP024160.D RRF005 = BP024161.D RRF010 = BP024162.D
RRF020 = BP024163.D RRF040 = BP024164.D RRF050 = BP024165.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
4,6-Dinitro-2-methylphenol			0.085	0.111	0.120	0.127	0.119	15.9
n-Nitrosodiphenylamine		0.564	0.583	0.629	0.600	0.617	0.607	4.3
Azobenzene		1.215	1.251	1.369	1.291	1.341	1.314	4.7
2,4,6-Tribromophenol		0.203	0.222	0.256	0.252	0.270	0.252	11.7
4-Bromophenyl-phenylether		0.206	0.207	0.222	0.217	0.224	0.220	4.6
Hexachlorobenzene		0.248	0.249	0.263	0.254	0.263	0.260	3.8
Pentachlorophenol		0.121	0.140	0.166	0.177	0.184	0.168	16.6
Phenanthrene		1.068	1.059	1.126	1.083	1.100	1.093	2.2
Anthracene		0.993	1.012	1.101	1.063	1.092	1.064	4.2
Di-n-butylphthalate		1.026	1.121	1.247	1.260	1.272	1.218	8.6
Fluoranthene		1.173	1.220	1.287	1.264	1.305	1.265	4.1
Benzidine		0.222	0.199	0.178	0.258	0.173	0.219	17.9
Pyrene		1.177	1.190	1.299	1.204	1.266	1.243	4.1
Terphenyl-d14		0.967	0.973	1.033	0.948	0.966	0.969	3.4
Butylbenzylphthalate		0.399	0.441	0.513	0.524	0.554	0.513	13.5
3,3-Dichlorobenzidine		0.340	0.369	0.429	0.428	0.434	0.417	10.9
Benzo(a)anthracene		1.194	1.194	1.291	1.208	1.261	1.243	3.5
Chrysene		1.185	1.159	1.224	1.158	1.212	1.195	2.4
Bis(2-ethylhexyl)phthalate		0.613	0.678	0.784	0.792	0.819	0.774	12.3
Di-n-octyl phthalate		0.922	1.033	1.224	1.272	1.357	1.240	16.0
Benzo(b)fluoranthene		1.103	1.116	1.258	1.190	1.244	1.206	5.9
Benzo(k)fluoranthene		1.092	1.136	1.213	1.130	1.203	1.180	5.1
Benzo(a)pyrene		0.953	0.959	1.065	1.029	1.094	1.049	6.8
Indeno(1,2,3-cd)pyrene		1.274	1.289	1.421	1.366	1.442	1.396	6.4
Dibenzo(a,h)anthracene		1.063	1.083	1.184	1.137	1.191	1.161	6.0
Benzo(g,h,i)perylene		1.097	1.107	1.199	1.154	1.202	1.180	5.4

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-BP031225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Mar 13 05:55:58 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BP024160.D 5 =BP024161.D 10 =BP024162.D 20 =BP024163.D 40 =BP024164.D 50 =BP024165.D 60 =BP024166.D 80 =BP0241
67.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------ISTD----------									
2)		1,4-Dioxane		0.503	0.499	0.518	0.469	0.496	0.498	0.493	0.497	2.93
3)		Pyridine		1.296	1.269	1.406	1.311	1.396	1.398	1.429	1.358	4.69
4)		n-Nitrosodimet...		0.444	0.436	0.476	0.431	0.461	0.466	0.461	0.454	3.66
5)	S	2-Fluorophenol		1.158	1.194	1.307	1.211	1.291	1.307	1.303	1.253	5.06
6)		Aniline		1.508	1.531	1.656	1.484	1.548	1.512	1.447	1.527	4.31
7)	S	Phenol-d6		1.518	1.581	1.747	1.631	1.749	1.754	1.748	1.675	5.86
8)		2-Chlorophenol		1.257	1.310	1.413	1.306	1.391	1.400	1.397	1.353	4.52
9)		Benzaldehyde		0.971	0.949	0.930	0.780	0.751	0.702	0.577	0.809	18.20
10)	C	Phenol		1.579	1.632	1.754	1.628	1.744	1.752	1.751	1.691	4.46
11)		bis(2-Chloroet...		1.286	1.317	1.407	1.273	1.341	1.358	1.356	1.334	3.45
12)		1,3-Dichlorobe...		1.466	1.448	1.522	1.387	1.477	1.471	1.445	1.459	2.79
13)	C	1,4-Dichlorobe...		1.507	1.474	1.562	1.413	1.493	1.503	1.479	1.490	3.01
14)		1,2-Dichlorobe...		1.446	1.426	1.494	1.358	1.435	1.440	1.411	1.430	2.85
15)		Benzyl Alcohol		0.934	0.966	1.096	1.042	1.122	1.126	1.139	1.061	7.77
16)		2,2'-oxybis(1-...		1.374	1.367	1.434	1.293	1.365	1.362	1.336	1.361	3.11
17)		2-Methylphenol		0.932	0.997	1.120	1.038	1.116	1.113	1.109	1.061	6.96
18)		Hexachloroethane		0.533	0.512	0.547	0.508	0.533	0.538	0.529	0.529	2.67
19)	P	n-Nitroso-di-n...	0.869	0.910	0.956	1.048	0.962	1.026	1.007	0.997	0.972	6.18
20)		3+4-Methylphenols		1.265	1.360	1.530	1.433	1.547	1.530	1.534	1.457	7.50
21)	I	Naphthalene-d8	----------ISTD----------									
22)		Acetophenone		0.483	0.490	0.531	0.496	0.508	0.519	0.512	0.506	3.37
23)	S	Nitrobenzene-d5		0.330	0.338	0.366	0.351	0.362	0.368	0.367	0.354	4.34
24)		Nitrobenzene		0.330	0.336	0.362	0.341	0.355	0.363	0.361	0.350	3.88
25)		Isophorone		0.532	0.562	0.631	0.602	0.635	0.642	0.649	0.608	7.33
26)	C	2-Nitrophenol		0.126	0.141	0.167	0.171	0.182	0.189	0.192	0.167	14.92
27)		2,4-Dimethylph...		0.186	0.198	0.220	0.215	0.223	0.229	0.232	0.215	7.94
28)		bis(2-Chloroet...		0.414	0.418	0.438	0.418	0.429	0.437	0.439	0.427	2.55
29)	C	2,4-Dichloroph...		0.237	0.263	0.298	0.296	0.306	0.314	0.319	0.291	10.21
30)		1,2,4-Trichlor...		0.310	0.312	0.329	0.312	0.322	0.331	0.331	0.321	2.94
31)		Naphthalene		1.041	1.037	1.099	1.029	1.069	1.078	1.069	1.060	2.38
32)		Benzoic acid			0.148	0.190	0.218	0.239	0.252		0.209	19.82
33)		4-Chloroaniline		0.344	0.356	0.397	0.377	0.394	0.389	0.398	0.379	5.63
34)	C	Hexachlorobuta...		0.177	0.178	0.187	0.180	0.187	0.192	0.191	0.185	3.36
35)		Caprolactam		0.072	0.079	0.097	0.097	0.107	0.104	0.111	0.095	15.56
36)	C	4-Chloro-3-met...		0.261	0.283	0.324	0.314	0.333	0.332	0.348	0.313	9.83
37)		2-Methylnaphth...		0.689	0.684	0.737	0.704	0.731	0.734	0.735	0.716	3.27
38)		1-Methylnaphth...		0.674	0.673	0.728	0.673	0.704	0.705	0.720	0.697	3.32

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP031225.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.548	0.560	0.596	0.558	0.580	0.608	0.596	0.578	3.98
41)	P	Hexachlorocycl...	0.169	0.189	0.214	0.212	0.220	0.234	0.222	0.208	10.65
42)	S	2,4,6-Tribromo...	0.203	0.222	0.256	0.252	0.270	0.275	0.285	0.252	11.69
43)	C	2,4,6-Trichlor...	0.291	0.324	0.379	0.372	0.391	0.409	0.406	0.367	11.98
44)		2,4,5-Trichlor...	0.331	0.362	0.414	0.409	0.422	0.439	0.443	0.403	10.23
45)	S	2-Fluorobiphenyl	1.364	1.358	1.420	1.319	1.335	1.367	1.332	1.356	2.44
46)		1,1'-Biphenyl	1.467	1.475	1.566	1.462	1.493	1.536	1.521	1.503	2.60
47)		2-Chloronaphth...	1.108	1.100	1.180	1.095	1.115	1.164	1.152	1.130	3.01
48)		2-Nitroaniline	0.228	0.252	0.300	0.292	0.311	0.317	0.324	0.289	12.34
49)		Acenaphthylene	1.586	1.628	1.776	1.661	1.749	1.789	1.784	1.710	4.91
50)		Dimethylphthalate	1.351	1.349	1.459	1.358	1.417	1.424	1.439	1.399	3.27
51)		2,6-Dinitrotol...	0.248	0.266	0.303	0.294	0.312	0.316	0.322	0.294	9.40
52)	C	Acenaphthene	1.057	1.056	1.136	1.061	1.096	1.123	1.121	1.093	3.18
53)		3-Nitroaniline	0.253	0.276	0.328	0.322	0.344	0.343	0.359	0.318	12.24
54)	P	2,4-Dinitrophenol		0.108	0.146	0.160	0.179	0.186		0.156	19.97
55)		Dibenzofuran	1.759	1.751	1.835	1.711	1.768	1.799	1.769	1.770	2.18
56)	P	4-Nitrophenol	0.187	0.218	0.271	0.277	0.299	0.296	0.312	0.266	17.41
57)		2,4-Dinitrotol...	0.295	0.334	0.400	0.394	0.423	0.431	0.446	0.389	14.19
58)		Fluorene	1.309	1.343	1.442	1.345	1.407	1.407	1.402	1.379	3.43
59)		2,3,4,6-Tetrac...	0.316	0.323	0.365	0.356	0.371	0.376	0.386	0.356	7.54
60)		Diethylphthalate	1.297	1.336	1.437	1.358	1.422	1.435	1.469	1.394	4.53
61)		4-Chlorophenyl...	0.658	0.660	0.696	0.658	0.685	0.689	0.690	0.676	2.53
62)		4-Nitroaniline	0.246	0.292	0.348	0.343	0.362	0.365	0.379	0.334	14.22
63)		Azobenzene	1.215	1.251	1.369	1.291	1.341	1.363	1.365	1.314	4.73
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.085	0.111	0.120	0.127	0.132	0.137	0.119	15.85
66)	c	n-Nitrosodiphe...	0.564	0.583	0.629	0.600	0.617	0.632	0.626	0.607	4.27
67)		4-Bromophenyl-...	0.206	0.207	0.222	0.217	0.224	0.229	0.231	0.220	4.60
68)		Hexachlorobenzene	0.248	0.249	0.263	0.254	0.263	0.270	0.272	0.260	3.76
69)		Atrazine	0.165	0.171	0.157	0.135	0.105			0.147	18.49
70)	C	Pentachlorophenol	0.121	0.140	0.166	0.177	0.184	0.190	0.197	0.168	16.61
71)		Phenanthrene	1.068	1.059	1.126	1.083	1.100	1.111	1.102	1.093	2.19
72)		Anthracene	0.993	1.012	1.101	1.063	1.092	1.090	1.098	1.064	4.16
73)		Carbazole	0.920	0.975	1.060	1.041	1.060	1.061	1.066	1.026	5.50
74)		Di-n-butylphth...	1.026	1.121	1.247	1.260	1.272	1.297	1.304	1.218	8.57
75)	C	Fluoranthene	1.173	1.220	1.287	1.264	1.305	1.298	1.312	1.265	4.07
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine	0.222	0.199	0.178	0.258	0.173	0.278	0.222	0.219	17.88
78)		Pyrene	1.177	1.190	1.299	1.204	1.266	1.293	1.274	1.243	4.12
79)	S	Terphenyl-d14	0.967	0.973	1.033	0.948	0.966	0.971	0.924	0.969	3.45
80)		Butylbenzylpht...	0.399	0.441	0.513	0.524	0.554	0.581	0.576	0.513	13.49
81)		Benzo(a)anthra...	1.194	1.194	1.291	1.208	1.261	1.285	1.271	1.243	3.47
82)		3,3'-Dichlorob...	0.340	0.369	0.429	0.428	0.434	0.467	0.450	0.417	10.94
83)		Chrysene	1.185	1.159	1.224	1.158	1.212	1.220	1.209	1.195	2.36
84)		Bis(2-ethylhex...	0.613	0.678	0.784	0.792	0.819	0.878	0.851	0.774	12.30
85)	c	Di-n-octyl pht...	0.922	1.033	1.224	1.272	1.357	1.435	1.433	1.240	15.95

Method Path : Z:\svoasrv\HPCHEM1\BNA_P\Methods\
Method File : 8270E-BP031225.M

86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	1.274	1.289	1.421	1.366	1.442	1.479	1.499	1.396	6.38
88)		Benzo(b)fluora...	1.103	1.116	1.258	1.190	1.244	1.266	1.264	1.206	5.85
89)		Benzo(k)fluora...	1.092	1.136	1.213	1.130	1.203	1.251	1.232	1.180	5.07
90)	C	Benzo(a)pyrene	0.953	0.959	1.065	1.029	1.094	1.119	1.122	1.049	6.77
91)		Dibenzo(a,h)an...	1.063	1.083	1.184	1.137	1.191	1.226	1.244	1.161	5.97
92)		Benzo(g,h,i)pe...	1.097	1.107	1.199	1.154	1.202	1.246	1.259	1.180	5.39

(#) = Out of Range

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
Data File : BP024160.D
Acq On : 12 Mar 2025 16:17
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Quant Time: Mar 13 04:04:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 04:01:12 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	323931	20.000	ng	0.00
21) Naphthalene-d8	10.546	136	1324397	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	805172	20.000	ng	0.00
64) Phenanthrene-d10	17.216	188	1551813	20.000	ng	0.01
76) Chrysene-d12	21.669	240	1615554	20.000	ng	0.01
86) Perylene-d12	25.074	264	1740877	20.000	ng	0.02
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...	8.569	70	35203	2.454	ng	98

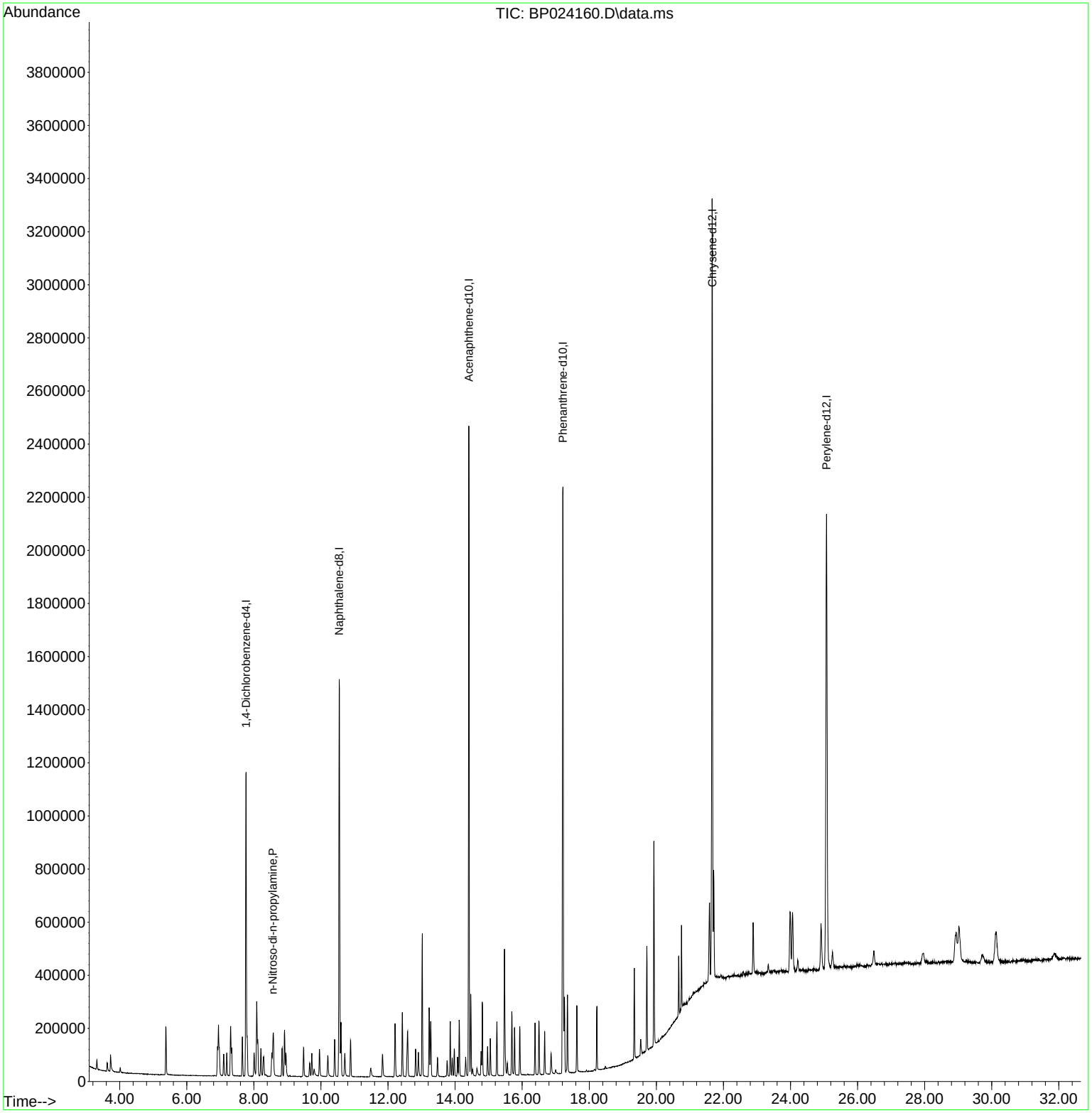
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
Data File : BP024160.D
Acq On : 12 Mar 2025 16:17
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC2.5

Quant Time: Mar 13 04:04:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 04:01:12 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
Data File : BP024161.D
Acq On : 12 Mar 2025 16:57
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Quant Time: Mar 13 04:05:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 04:01:12 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.769	152	318045	20.000	ng		0.00
21) Naphthalene-d8	10.552	136	1309940	20.000	ng		0.00
39) Acenaphthene-d10	14.410	164	799469	20.000	ng		0.00
64) Phenanthrene-d10	17.222	188	1516956	20.000	ng		0.02
76) Chrysene-d12	21.669	240	1578855	20.000	ng		0.01
86) Perylene-d12	25.080	264	1694453	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.381	112	184089	9.032	ng		0.00
7) Phenol-d6	6.952	99	241350	9.213	ng		0.00
23) Nitrobenzene-d5	8.916	82	216074	9.202	ng		0.00
42) 2,4,6-Tribromophenol	15.934	330	81159	8.288	ng		0.02
45) 2-Fluorobiphenyl	13.016	172	545120	9.532	ng		0.00
79) Terphenyl-d14	19.951	244	763023	9.563	ng		0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.323	88	40006	5.003	ng		97
3) Pyridine	3.723	79	103023	4.956	ng		97
4) n-Nitrosodimethylamine	3.628	42	35306	4.788	ng	#	92
6) Aniline	7.105	93	119908	4.998	ng		100
8) 2-Chlorophenol	7.340	128	99927	4.632	ng		98
9) Benzaldehyde	6.922	77	77223m	6.456	ng		
10) Phenol	6.975	94	125574	4.767	ng		98
11) bis(2-Chloroethyl)ether	7.199	93	102214	4.926	ng		98
12) 1,3-Dichlorobenzene	7.664	146	116531	4.917	ng		100
13) 1,4-Dichlorobenzene	7.805	146	119798	4.998	ng		99
14) 1,2-Dichlorobenzene	8.122	146	114960	4.998	ng		99
15) Benzyl Alcohol	8.011	79	74252	4.630	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.287	45	109209	5.422	ng		98
17) 2-Methylphenol	8.216	107	74107	4.616	ng		96
18) Hexachloroethane	8.846	117	42376	4.909	ng		96
19) n-Nitroso-di-n-propyla...	8.569	70	72383	5.139	ng		98
20) 3+4-Methylphenols	8.540	107	100588	4.606	ng		98
22) Acetophenone	8.587	105	158185	4.699	ng	#	99
24) Nitrobenzene	8.958	77	108086	4.677	ng		96
25) Isophorone	9.487	82	174338	4.540	ng		100
26) 2-Nitrophenol	9.669	139	41305	3.880	ng		98
27) 2,4-Dimethylphenol	9.734	122	60843	4.354	ng		96
28) bis(2-Chloroethoxy)met...	9.957	93	135529	4.872	ng		99
29) 2,4-Dichlorophenol	10.205	162	77653	4.072	ng		99
30) 1,2,4-Trichlorobenzene	10.416	180	101518	4.646	ng		99
31) Naphthalene	10.599	128	340918	4.840	ng		99
33) 4-Chloroaniline	10.710	127	112776	4.545	ng		98
34) Hexachlorobutadiene	10.887	225	58080	4.589	ng		97
35) Caprolactam	11.475	113	23432	4.057	ng		95
36) 4-Chloro-3-methylphenol	11.840	107	85333	4.352	ng		99
37) 2-Methylnaphthalene	12.216	142	225485	4.817	ng		100
38) 1-Methylnaphthalene	12.434	142	220784	4.848	ng		99
40) 1,2,4,5-Tetrachloroben...	12.587	216	109528	4.459	ng		99
41) Hexachlorocyclopentadiene	12.569	237	33755	3.693	ng		100
43) 2,4,6-Trichlorophenol	12.822	196	58172	3.883	ng		98
44) 2,4,5-Trichlorophenol	12.904	196	66250	4.044	ng		98

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
Data File : BP024161.D
Acq On : 12 Mar 2025 16:57
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Quant Time: Mar 13 04:05:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 04:01:12 2025
Response via : Initial Calibration

	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46)	1,1'-Biphenyl	13.234	154	293289	4.721	ng	98
47)	2-Chloronaphthalene	13.275	162	221413	4.715	ng	98
48)	2-Nitroaniline	13.475	65	45667	4.117	ng	88
49)	Acenaphthylene	14.128	152	316902	4.580	ng	99
50)	Dimethylphthalate	13.857	163	270053	4.789	ng	100
51)	2,6-Dinitrotoluene	13.975	165	49593	4.317	ng	97
52)	Acenaphthene	14.475	154	211290	4.742	ng	99
53)	3-Nitroaniline	14.310	138	50611	4.129	ng	99
55)	Dibenzofuran	14.822	168	351651	4.858	ng	100
56)	4-Nitrophenol	14.645	139	37281	3.521	ng	93
57)	2,4-Dinitrotoluene	14.775	165	58882	3.946	ng	90
58)	Fluorene	15.481	166	261676	4.629	ng	99
59)	2,3,4,6-Tetrachlorophenol	15.045	232	63120	4.441	ng	98
60)	Diethylphthalate	15.251	149	259242	4.631	ng	98
61)	4-Chlorophenyl-phenyle...	15.481	204	131441	4.724	ng	99
62)	4-Nitroaniline	15.498	138	49239	3.871	ng	95
63)	Azobenzene	15.775	77	242768	4.628	ng	97
66)	n-Nitrosodiphenylamine	15.692	169	213927	4.522	ng	99
67)	4-Bromophenyl-phenylether	16.392	248	78309	4.597	ng	93
68)	Hexachlorobenzene	16.510	284	94130	4.696	ng	98
69)	Atrazine	16.669	200	62551	5.152	ng	98
70)	Pentachlorophenol	16.869	266	45885	3.525	ng	99
71)	Phenanthrene	17.263	178	404881	4.734	ng	99
72)	Anthracene	17.357	178	376601	4.595	ng	99
73)	Carbazole	17.634	167	349000	4.469	ng	99
74)	Di-n-butylphthalate	18.234	149	389057	4.270	ng	99
75)	Fluoranthene	19.351	202	444670	4.597	ng	97
77)	Benzidine	19.545	184	87777	4.562	ng	98
78)	Pyrene	19.722	202	464704	4.634	ng	99
80)	Butylbenzylphthalate	20.675	149	157601	4.101	ng	99
81)	Benzo(a)anthracene	21.651	228	471347	4.761	ng	99
82)	3,3'-Dichlorobenzidine	21.580	252	134146	4.336	ng	99
83)	Chrysene	21.722	228	467600	4.898	ng	99
84)	Bis(2-ethylhexyl)phtha...	21.598	149	242048	4.153	ng	99
85)	Di-n-octyl phthalate	22.898	149	363786	3.905	ng	98
87)	Indeno(1,2,3-cd)pyrene	28.945	276	539523	4.476	ng	97
88)	Benzo(b)fluoranthene	24.004	252	467406	4.344	ng	99
89)	Benzo(k)fluoranthene	24.069	252	462653	4.417	ng	99
90)	Benzo(a)pyrene	24.910	252	403692	4.421	ng	99
91)	Dibenzo(a,h)anthracene	29.015	278	450461	4.444	ng	98
92)	Benzo(g,h,i)perylene	30.133	276	464721	4.518	ng	99

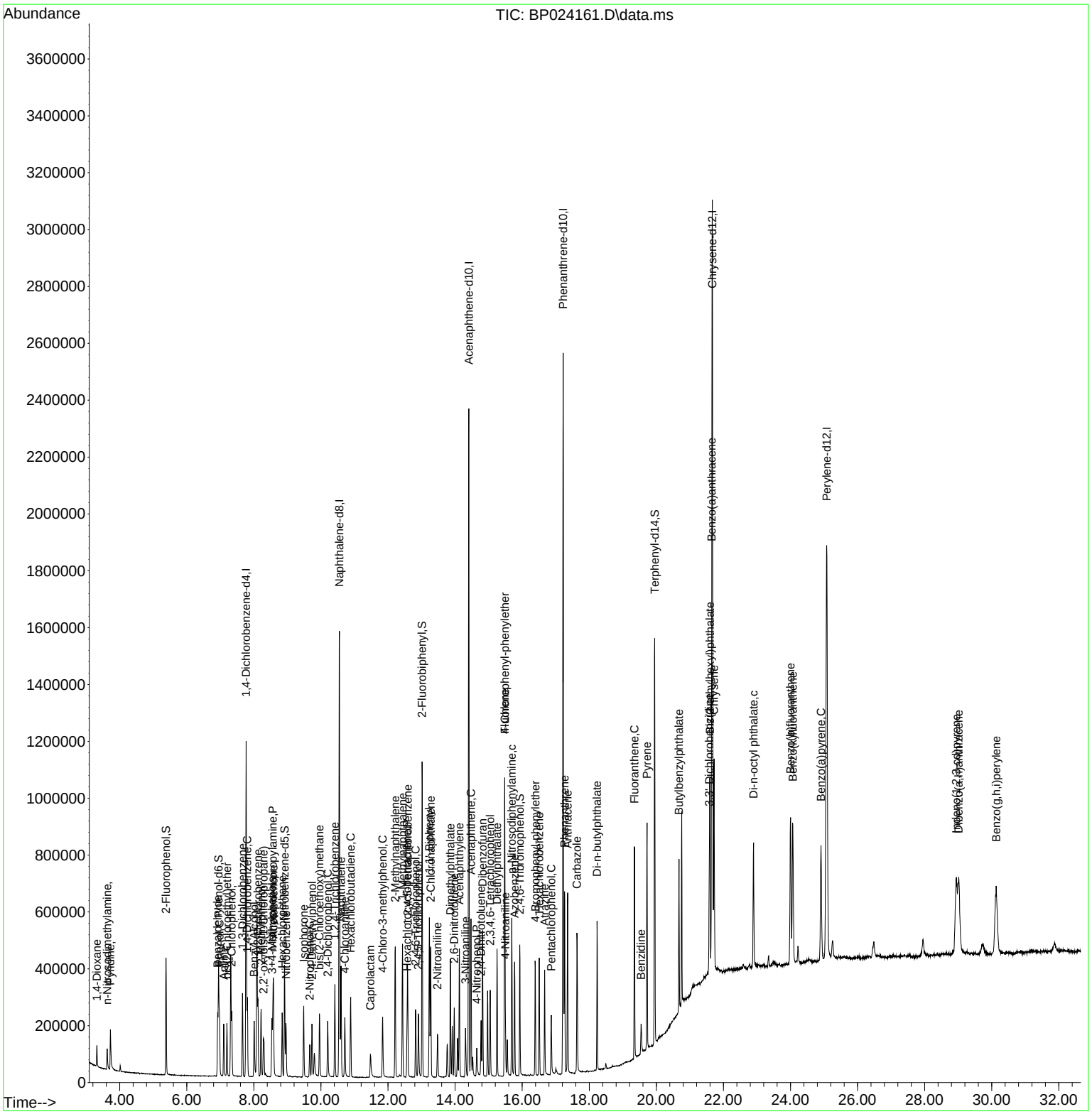
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
Data File : BP024161.D
Acq On : 12 Mar 2025 16:57
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Quant Time: Mar 13 04:05:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 04:01:12 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
Data File : BP024162.D
Acq On : 12 Mar 2025 17:38
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Quant Time: Mar 13 04:06:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 04:01:12 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.769	152	350891	20.000	ng		0.00
21) Naphthalene-d8	10.546	136	1459823	20.000	ng		0.00
39) Acenaphthene-d10	14.404	164	878356	20.000	ng		0.00
64) Phenanthrene-d10	17.210	188	1659965	20.000	ng		0.00
76) Chrysene-d12	21.680	240	1774754	20.000	ng		0.02
86) Perylene-d12	25.074	264	1895165	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.381	112	419093	18.636	ng		0.00
7) Phenol-d6	6.946	99	554588	19.188	ng		0.00
23) Nitrobenzene-d5	8.916	82	493399	18.856	ng		0.00
42) 2,4,6-Tribromophenol	15.916	330	195393	18.161	ng		0.00
45) 2-Fluorobiphenyl	13.010	172	1192744	18.984	ng		0.00
79) Terphenyl-d14	19.939	244	1726609	19.251	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.323	88	87630	9.934	ng		99
3) Pyridine	3.723	79	222685	9.709	ng		99
4) n-Nitrosodimethylamine	3.623	42	76580	9.413	ng	#	93
6) Aniline	7.105	93	268532	10.145	ng		99
8) 2-Chlorophenol	7.340	128	229815	9.655	ng		99
9) Benzaldehyde	6.922	77	166528	12.620	ng		99
10) Phenol	6.975	94	286246	9.849	ng		99
11) bis(2-Chloroethyl)ether	7.199	93	231087	10.095	ng		98
12) 1,3-Dichlorobenzene	7.658	146	254039	9.715	ng		99
13) 1,4-Dichlorobenzene	7.805	146	258553	9.777	ng		100
14) 1,2-Dichlorobenzene	8.122	146	250124	9.856	ng		100
15) Benzyl Alcohol	8.005	79	169563	9.584	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.293	45	239855	10.794	ng		99
17) 2-Methylphenol	8.211	107	174913	9.876	ng		99
18) Hexachloroethane	8.840	117	89894	9.439	ng		98
19) n-Nitroso-di-n-propyla...	8.563	70	167789	10.797	ng		98
20) 3+4-Methylphenols	8.534	107	238685	9.906	ng		97
22) Acetophenone	8.581	105	357738	9.536	ng	#	99
24) Nitrobenzene	8.958	77	245585	9.536	ng		96
25) Isophorone	9.481	82	410357	9.590	ng		100
26) 2-Nitrophenol	9.669	139	103123	8.692	ng		98
27) 2,4-Dimethylphenol	9.728	122	144292	9.265	ng		99
28) bis(2-Chloroethoxy)met...	9.957	93	304956	9.838	ng		99
29) 2,4-Dichlorophenol	10.199	162	192263	9.046	ng		99
30) 1,2,4-Trichlorobenzene	10.410	180	227800	9.355	ng		98
31) Naphthalene	10.599	128	756826	9.642	ng		99
32) Benzoic acid	9.816	122	108330	7.587	ng		94
33) 4-Chloroaniline	10.705	127	260033	9.404	ng		98
34) Hexachlorobutadiene	10.887	225	130104	9.224	ng		98
35) Caprolactam	11.481	113	57479	8.931	ng		96
36) 4-Chloro-3-methylphenol	11.840	107	206744	9.462	ng		98
37) 2-Methylnaphthalene	12.210	142	498967	9.564	ng		99
38) 1-Methylnaphthalene	12.434	142	491304	9.680	ng		100
40) 1,2,4,5-Tetrachloroben...	12.581	216	246009	9.116	ng		100
41) Hexachlorocyclopentadiene	12.557	237	82803	8.245	ng		100
43) 2,4,6-Trichlorophenol	12.822	196	142353	8.649	ng		100

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
Data File : BP024162.D
Acq On : 12 Mar 2025 17:38
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Quant Time: Mar 13 04:06:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 04:01:12 2025
Response via : Initial Calibration

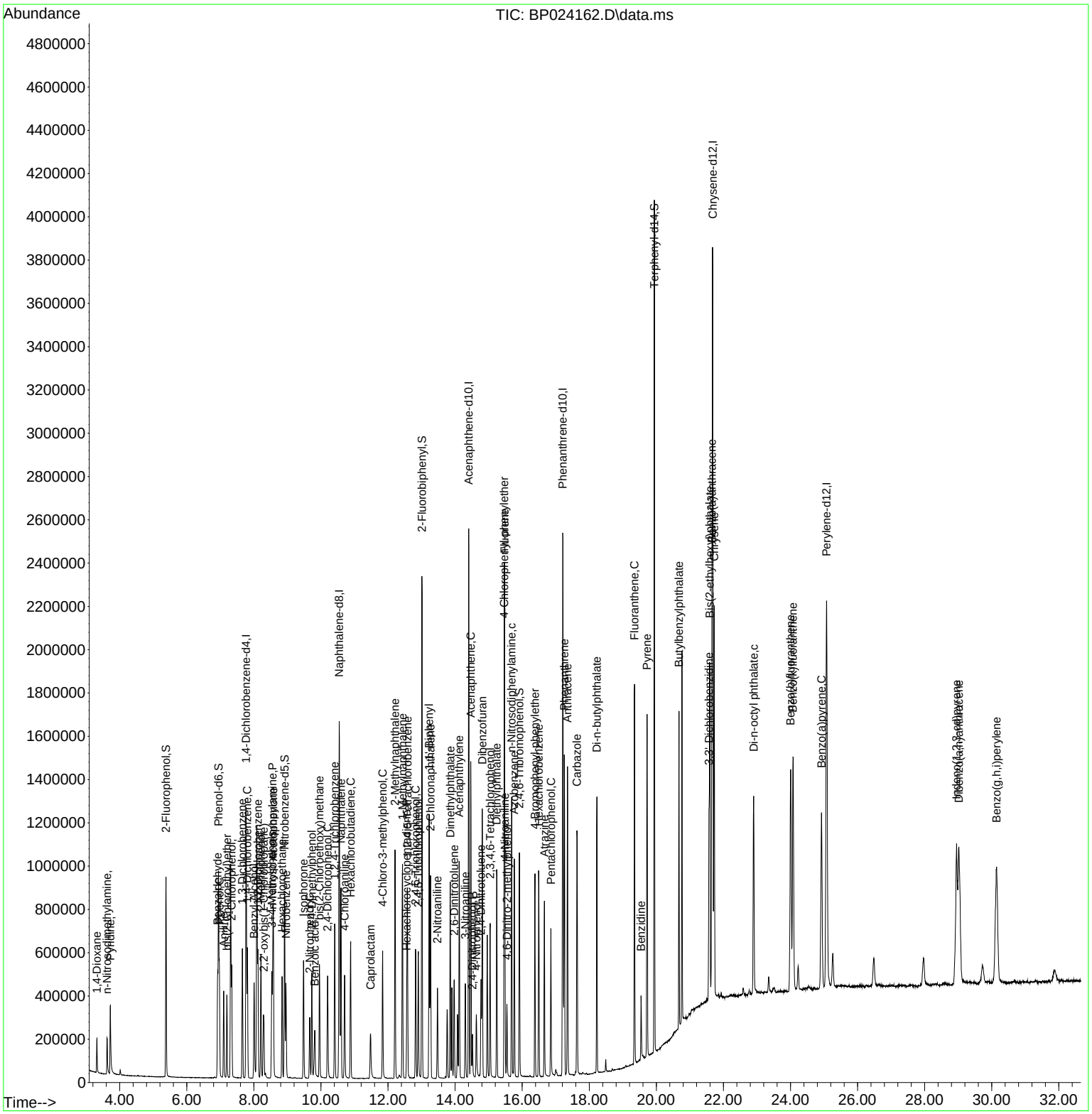
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.904	196	159135	8.841	ng		98
46) 1,1'-Biphenyl	13.228	154	647980	9.494	ng		99
47) 2-Chloronaphthalene	13.269	162	483199	9.365	ng		98
48) 2-Nitroaniline	13.475	65	110660	9.079	ng		94
49) Acenaphthylene	14.122	152	714937	9.405	ng		99
50) Dimethylphthalate	13.857	163	592520	9.563	ng		100
51) 2,6-Dinitrotoluene	13.975	165	116661	9.243	ng		95
52) Acenaphthene	14.469	154	463749	9.473	ng		99
53) 3-Nitroaniline	14.304	138	121229	9.001	ng		90
54) 2,4-Dinitrophenol	14.516	184	47409	7.053	ng		94
55) Dibenzofuran	14.810	168	769059	9.671	ng		99
56) 4-Nitrophenol	14.634	139	95936	8.246	ng		92
57) 2,4-Dinitrotoluene	14.775	165	146673	8.946	ng		93
58) Fluorene	15.475	166	589720	9.495	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.045	232	141666	9.071	ng		99
60) Diethylphthalate	15.240	149	586933	9.543	ng		100
61) 4-Chlorophenyl-phenyle...	15.463	204	289728	9.478	ng		99
62) 4-Nitroaniline	15.487	138	128152	9.169	ng		99
63) Azobenzene	15.763	77	549569	9.535	ng		97
65) 4,6-Dinitro-2-methylph...	15.545	198	70717	7.361	ng		92
66) n-Nitrosodiphenylamine	15.687	169	484111	9.352	ng		98
67) 4-Bromophenyl-phenylether	16.381	248	171620	9.207	ng		97
68) Hexachlorobenzene	16.492	284	206475	9.414	ng		98
69) Atrazine	16.663	200	142226	10.706	ng		99
70) Pentachlorophenol	16.857	266	116455	8.175	ng		100
71) Phenanthrene	17.257	178	878834	9.391	ng		99
72) Anthracene	17.351	178	839953	9.366	ng		99
73) Carbazole	17.634	167	809266	9.471	ng		99
74) Di-n-butylphthalate	18.228	149	930693	9.335	ng		99
75) Fluoranthene	19.351	202	1012600	9.566	ng		98
77) Benzidine	19.545	184	176282	8.151	ng		99
78) Pyrene	19.722	202	1056004	9.367	ng		99
80) Butylbenzylphthalate	20.675	149	390890	9.049	ng		99
81) Benzo(a)anthracene	21.657	228	1059397	9.520	ng		99
82) 3,3'-Dichlorobenzidine	21.569	252	327195	9.409	ng		99
83) Chrysene	21.727	228	1028579	9.585	ng		98
84) Bis(2-ethylhexyl)phtha...	21.592	149	601388	9.181	ng		99
85) Di-n-octyl phthalate	22.904	149	916941	8.757	ng		99
87) Indeno(1,2,3-cd)pyrene	28.951	276	1221650	9.061	ng	#	93
88) Benzo(b)fluoranthene	24.004	252	1057737	8.789	ng		99
89) Benzo(k)fluoranthene	24.074	252	1076560	9.190	ng		99
90) Benzo(a)pyrene	24.927	252	908542	8.896	ng		99
91) Dibenzo(a,h)anthracene	29.021	278	1026140	9.052	ng		99
92) Benzo(g,h,i)perylene	30.145	276	1049241	9.121	ng		99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
Data File : BP024162.D
Acq On : 12 Mar 2025 17:38
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Quant Time: Mar 13 04:06:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 04:01:12 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
Data File : BP024163.D
Acq On : 12 Mar 2025 18:19
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Quant Time: Mar 13 04:07:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 04:01:12 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.775	152	353514	20.000	ng		0.00
21) Naphthalene-d8	10.545	136	1479701	20.000	ng		0.00
39) Acenaphthene-d10	14.398	164	895871	20.000	ng		0.00
64) Phenanthrene-d10	17.204	188	1698224	20.000	ng		0.00
76) Chrysene-d12	21.657	240	1778727	20.000	ng		0.00
86) Perylene-d12	25.062	264	1914395	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.381	112	924270	40.796	ng		0.00
7) Phenol-d6	6.952	99	1235081	42.415	ng		0.00
23) Nitrobenzene-d5	8.916	82	1081750	40.785	ng		0.00
42) 2,4,6-Tribromophenol	15.922	330	459354	41.861	ng		0.00
45) 2-Fluorobiphenyl	13.016	172	2543735	39.695	ng		0.00
79) Terphenyl-d14	19.927	244	3676388	40.898	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.316	88	183072	20.599	ng		99
3) Pyridine	3.716	79	496891	21.504	ng		99
4) n-Nitrosodimethylamine	3.622	42	168162	20.517	ng		96
6) Aniline	7.104	93	585428	21.953	ng		99
8) 2-Chlorophenol	7.340	128	499424	20.827	ng		99
9) Benzaldehyde	6.922	77	328740	24.728	ng		99
10) Phenol	6.975	94	619974	21.173	ng		100
11) bis(2-Chloroethyl)ether	7.199	93	497357	21.565	ng		100
12) 1,3-Dichlorobenzene	7.663	146	537900	20.418	ng		99
13) 1,4-Dichlorobenzene	7.804	146	552358	20.733	ng		99
14) 1,2-Dichlorobenzene	8.122	146	528080	20.654	ng		99
15) Benzyl Alcohol	8.004	79	387410	21.735	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.287	45	506774	22.636	ng		97
17) 2-Methylphenol	8.210	107	395947	22.190	ng		99
18) Hexachloroethane	8.846	117	193543	20.172	ng		98
19) n-Nitroso-di-n-propyla...	8.569	70	370486	23.663	ng		100
20) 3+4-Methylphenols	8.534	107	541047	22.289	ng		98
22) Acetophenone	8.587	105	786239	20.677	ng	#	100
24) Nitrobenzene	8.963	77	535855	20.529	ng		99
25) Isophorone	9.487	82	933509	21.523	ng		99
26) 2-Nitrophenol	9.669	139	246943	20.534	ng		99
27) 2,4-Dimethylphenol	9.728	122	325916	20.646	ng		100
28) bis(2-Chloroethoxy)met...	9.957	93	648792	20.649	ng		100
29) 2,4-Dichlorophenol	10.204	162	440705	20.457	ng		99
30) 1,2,4-Trichlorobenzene	10.416	180	486293	19.702	ng		99
31) Naphthalene	10.598	128	1625925	20.436	ng		99
32) Benzoic acid	9.845	122	280702	19.396	ng		99
33) 4-Chloroaniline	10.704	127	588052	20.980	ng		99
34) Hexachlorobutadiene	10.887	225	276905	19.369	ng		98
35) Caprolactam	11.487	113	143023	21.924	ng		98
36) 4-Chloro-3-methylphenol	11.839	107	479996	21.674	ng		99
37) 2-Methylnaphthalene	12.210	142	1090957	20.630	ng		98
38) 1-Methylnaphthalene	12.434	142	1077045	20.936	ng		99
40) 1,2,4,5-Tetrachloroben...	12.581	216	533843	19.394	ng		100
41) Hexachlorocyclopentadiene	12.563	237	191514	18.697	ng		99
43) 2,4,6-Trichlorophenol	12.822	196	339357	20.216	ng		99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
Data File : BP024163.D
Acq On : 12 Mar 2025 18:19
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Quant Time: Mar 13 04:07:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 04:01:12 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.904	196	370561	20.184	ng		98
46) 1,1'-Biphenyl	13.228	154	1402874	20.152	ng		99
47) 2-Chloronaphthalene	13.269	162	1056861	20.083	ng		99
48) 2-Nitroaniline	13.469	65	268455	21.595	ng		98
49) Acenaphthylene	14.122	152	1590772	20.517	ng		100
50) Dimethylphthalate	13.857	163	1306638	20.677	ng		99
51) 2,6-Dinitrotoluene	13.969	165	271891	21.122	ng		97
52) Acenaphthene	14.469	154	1017503	20.379	ng		99
53) 3-Nitroaniline	14.304	138	293921	21.397	ng		97
54) 2,4-Dinitrophenol	14.516	184	130759	19.074	ng		99
55) Dibenzofuran	14.810	168	1643604	20.264	ng		99
56) 4-Nitrophenol	14.628	139	242843	20.466	ng		99
57) 2,4-Dinitrotoluene	14.769	165	358405	21.433	ng		97
58) Fluorene	15.469	166	1291744	20.392	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.039	232	326758	20.514	ng		99
60) Diethylphthalate	15.233	149	1287503	20.524	ng		99
61) 4-Chlorophenyl-phenyle...	15.469	204	623454	19.996	ng		99
62) 4-Nitroaniline	15.486	138	311347	21.841	ng		99
63) Azobenzene	15.763	77	1226441	20.864	ng		99
65) 4,6-Dinitro-2-methylph...	15.551	198	188346	19.162	ng		97
66) n-Nitrosodiphenylamine	15.680	169	1068735	20.181	ng		100
67) 4-Bromophenyl-phenylether	16.375	248	377534	19.797	ng		99
68) Hexachlorobenzene	16.498	284	447016	19.921	ng		96
69) Atrazine	16.657	200	265940	19.568	ng		99
70) Pentachlorophenol	16.851	266	282344	19.373	ng		99
71) Phenanthrene	17.251	178	1911548	19.965	ng		99
72) Anthracene	17.345	178	1870471	20.386	ng		100
73) Carbazole	17.622	167	1799842	20.589	ng		100
74) Di-n-butylphthalate	18.210	149	2118089	20.765	ng		100
75) Fluoranthene	19.327	202	2186012	20.186	ng		99
77) Benzidine	19.527	184	317361	14.642	ng		99
78) Pyrene	19.704	202	2310992	20.454	ng		100
80) Butylbenzylphthalate	20.657	149	912738	21.082	ng		99
81) Benzo(a)anthracene	21.639	228	2295776	20.583	ng		99
82) 3,3'-Dichlorobenzidine	21.557	252	762665	21.882	ng		100
83) Chrysene	21.704	228	2177924	20.250	ng		99
84) Bis(2-ethylhexyl)phtha...	21.574	149	1395096	21.249	ng		99
85) Di-n-octyl phthalate	22.874	149	2177750	20.752	ng		100
87) Indeno(1,2,3-cd)pyrene	28.939	276	2721144	19.980	ng	#	92
88) Benzo(b)fluoranthene	23.980	252	2407773	19.806	ng		100
89) Benzo(k)fluoranthene	24.051	252	2322149	19.624	ng		99
90) Benzo(a)pyrene	24.892	252	2038106	19.755	ng		99
91) Dibenzo(a,h)anthracene	28.997	278	2267016	19.797	ng		99
92) Benzo(g,h,i)perylene	30.127	276	2294574	19.746	ng		100

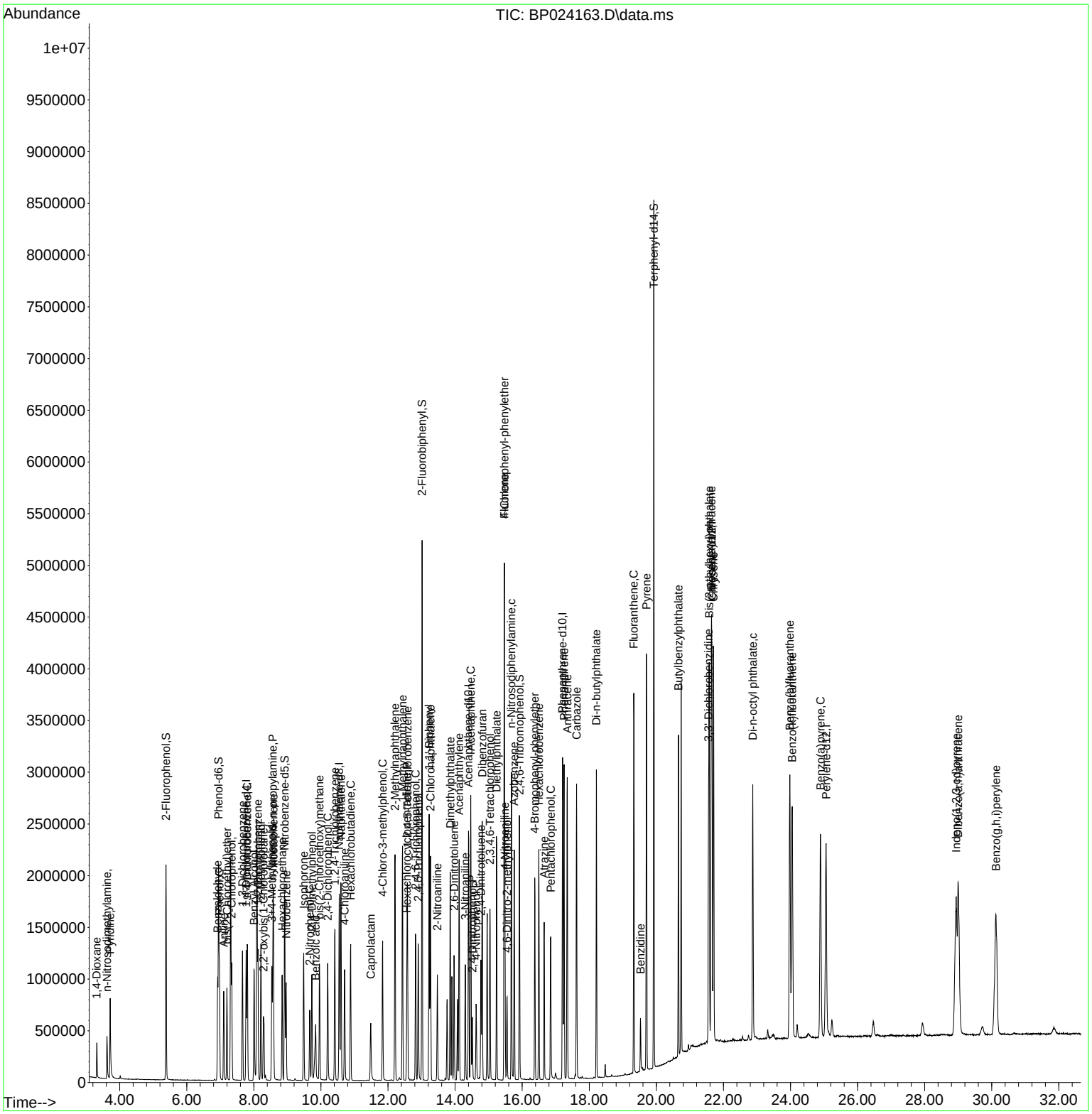
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
Data File : BP024163.D
Acq On : 12 Mar 2025 18:19
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Quant Time: Mar 13 04:07:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 04:01:12 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
Data File : BP024164.D
Acq On : 12 Mar 2025 19:00
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Quant Time: Mar 13 04:08:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 04:01:12 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	383350	20.000	ng	0.00
21) Naphthalene-d8	10.552	136	1538579	20.000	ng	0.00
39) Acenaphthene-d10	14.404	164	930584	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	1720919	20.000	ng	0.00
76) Chrysene-d12	21.657	240	1881172	20.000	ng	0.00
86) Perylene-d12	25.057	264	2043442	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	1856351	75.560	ng	0.00
7) Phenol-d6	6.952	99	2501405	79.217	ng	0.00
23) Nitrobenzene-d5	8.922	82	2157744	78.240	ng	0.00
42) 2,4,6-Tribromophenol	15.916	330	938209	82.309	ng	0.00
45) 2-Fluorobiphenyl	13.016	172	4911554	73.785	ng	0.00
79) Terphenyl-d14	19.922	244	7133778	75.038	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.323	88	359722	37.325	ng	100
3) Pyridine	3.717	79	1004903	40.105	ng	100
4) n-Nitrosodimethylamine	3.623	42	330244	37.156	ng	100
6) Aniline	7.111	93	1138144	39.358	ng	100
8) 2-Chlorophenol	7.346	128	1001335	38.507	ng	100
9) Benzaldehyde	6.922	77	597740	41.462	ng	100
10) Phenol	6.975	94	1248029	39.305	ng	100
11) bis(2-Chloroethyl)ether	7.199	93	976195	39.033	ng	100
12) 1,3-Dichlorobenzene	7.664	146	1063428	37.225	ng	100
13) 1,4-Dichlorobenzene	7.811	146	1083221	37.495	ng	100
14) 1,2-Dichlorobenzene	8.122	146	1041511	37.564	ng	100
15) Benzyl Alcohol	8.011	79	798656	41.320	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.305	45	991099	40.824	ng	100
17) 2-Methylphenol	8.216	107	795971	41.136	ng	100
18) Hexachloroethane	8.846	117	389110	37.399	ng	100
19) n-Nitroso-di-n-propyla...	8.575	70	737233	43.423	ng	100
20) 3+4-Methylphenols	8.540	107	1098375	41.727	ng	100
22) Acetophenone	8.587	105	1525122	38.574	ng	100
24) Nitrobenzene	8.963	77	1049347	38.662	ng	100
25) Isophorone	9.487	82	1853580	41.100	ng	100
26) 2-Nitrophenol	9.669	139	525614	42.034	ng	100
27) 2,4-Dimethylphenol	9.734	122	661755	40.316	ng	100
28) bis(2-Chloroethoxy)met...	9.963	93	1285698	39.353	ng	100
29) 2,4-Dichlorophenol	10.205	162	912137	40.720	ng	100
30) 1,2,4-Trichlorobenzene	10.416	180	960872	37.439	ng	100
31) Naphthalene	10.605	128	3167478	38.287	ng	100
32) Benzoic acid	9.875	122	670600	44.564	ng	100
33) 4-Chloroaniline	10.710	127	1159633	39.789	ng	100
34) Hexachlorobutadiene	10.893	225	553609	37.241	ng	100
35) Caprolactam	11.499	113	299017	44.083	ng	100
36) 4-Chloro-3-methylphenol	11.840	107	966642	41.977	ng	100
37) 2-Methylnaphthalene	12.210	142	2167502	39.419	ng	100
38) 1-Methylnaphthalene	12.434	142	2071946	38.734	ng	100
40) 1,2,4,5-Tetrachloroben...	12.587	216	1039275	36.348	ng	100
41) Hexachlorocyclopentadiene	12.563	237	395145	37.139	ng	100
43) 2,4,6-Trichlorophenol	12.828	196	692810	39.731	ng	100

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
Data File : BP024164.D
Acq On : 12 Mar 2025 19:00
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Quant Time: Mar 13 04:08:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 04:01:12 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.899	196	760360	39.872	ng	100
46) 1,1'-Biphenyl	13.228	154	2720465	37.621	ng	100
47) 2-Chloronaphthalene	13.269	162	2037284	37.269	ng	100
48) 2-Nitroaniline	13.475	65	543429	42.085	ng	100
49) Acenaphthylene	14.128	152	3091813	38.389	ng	100
50) Dimethylphthalate	13.857	163	2526732	38.493	ng	100
51) 2,6-Dinitrotoluene	13.975	165	546912	40.901	ng	100
52) Acenaphthene	14.469	154	1973969	38.061	ng	100
53) 3-Nitroaniline	14.310	138	599822	42.038	ng	100
54) 2,4-Dinitrophenol	14.522	184	297379	41.760	ng	100
55) Dibenzofuran	14.810	168	3184940	37.802	ng	100
56) 4-Nitrophenol	14.634	139	515335	41.811	ng	100
57) 2,4-Dinitrotoluene	14.775	165	732669	42.180	ng	100
58) Fluorene	15.469	166	2502924	38.039	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.040	232	662947	40.068	ng	100
60) Diethylphthalate	15.240	149	2527904	38.794	ng	100
61) 4-Chlorophenyl-phenyle...	15.463	204	1225168	37.829	ng	100
62) 4-Nitroaniline	15.487	138	638694	43.134	ng	100
63) Azobenzene	15.763	77	2401881	39.335	ng	100
65) 4,6-Dinitro-2-methylph...	15.551	198	412313	41.395	ng	100
66) n-Nitrosodiphenylamine	15.681	169	2063452	38.450	ng	100
67) 4-Bromophenyl-phenylether	16.375	248	745376	38.570	ng	100
68) Hexachlorobenzene	16.492	284	873989	38.435	ng	100
69) Atrazine	16.657	200	466258	33.855	ng	100
70) Pentachlorophenol	16.845	266	610729	41.352	ng	100
71) Phenanthrene	17.245	178	3727050	38.414	ng	100
72) Anthracene	17.339	178	3658135	39.344	ng	100
73) Carbazole	17.616	167	3584494	40.463	ng	100
74) Di-n-butylphthalate	18.210	149	4336969	41.958	ng	100
75) Fluoranthene	19.328	202	4349734	39.636	ng	100
77) Benzidine	19.522	184	968916	42.268	ng	100
78) Pyrene	19.704	202	4529960	37.911	ng	100
80) Butylbenzylphthalate	20.651	149	1972887	43.087	ng	100
81) Benzo(a)anthracene	21.633	228	4546432	38.542	ng	100
82) 3,3'-Dichlorobenzidine	21.551	252	1610565	43.694	ng	100
83) Chrysene	21.704	228	4356257	38.298	ng	100
84) Bis(2-ethylhexyl)phtha...	21.569	149	2980735	42.929	ng	100
85) Di-n-octyl phthalate	22.869	149	4786749	43.129	ng	100
87) Indeno(1,2,3-cd)pyrene	28.927	276	5583803	38.410	ng	100
88) Benzo(b)fluoranthene	23.980	252	4864855	37.490	ng	100
89) Benzo(k)fluoranthene	24.051	252	4618537	36.566	ng	100
90) Benzo(a)pyrene	24.892	252	4204610	38.180	ng	100
91) Dibenzo(a,h)anthracene	29.009	278	4646524	38.014	ng	100
92) Benzo(g,h,i)perylene	30.127	276	4714749	38.011	ng	100

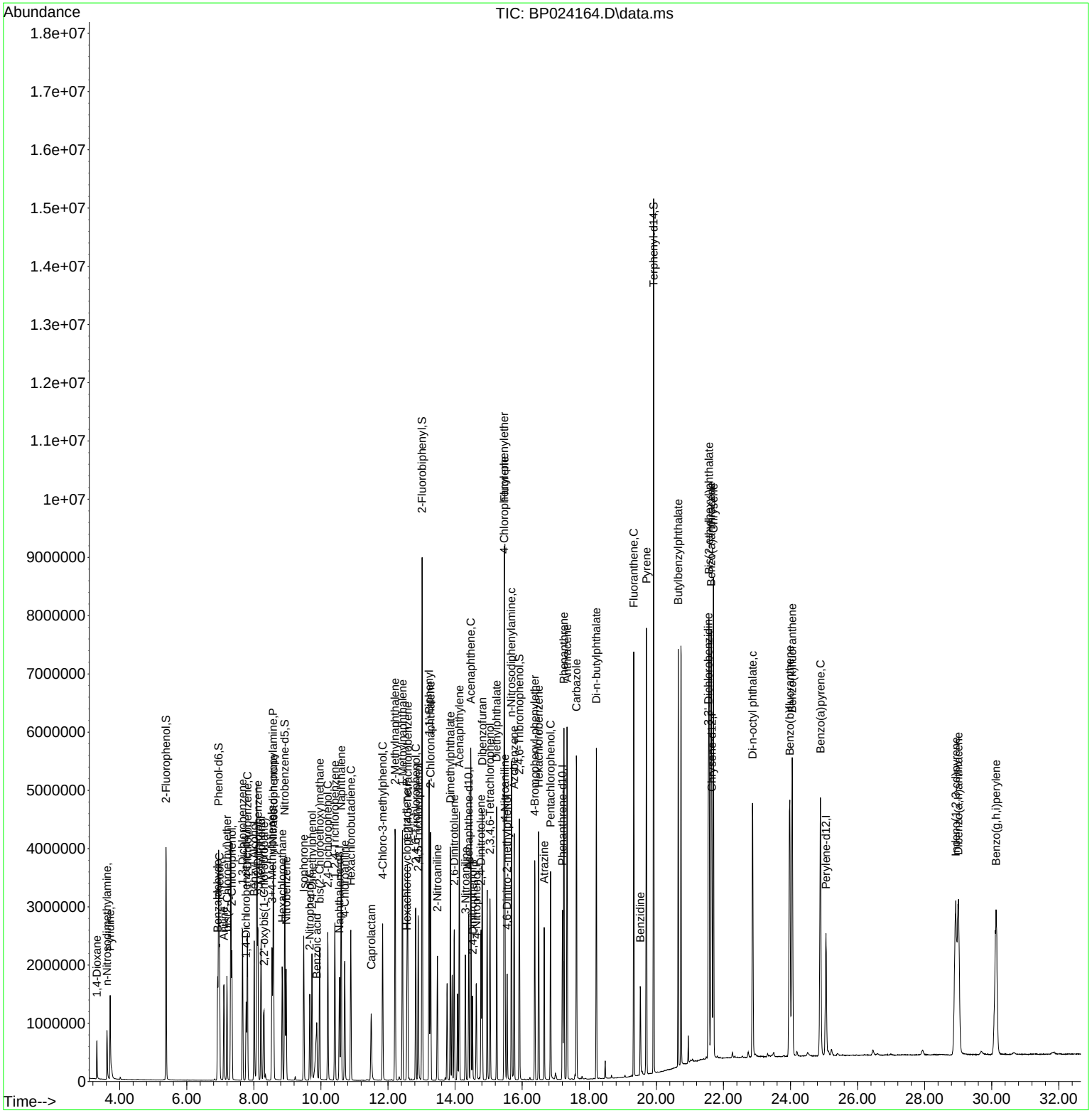
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
Data File : BP024164.D
Acq On : 12 Mar 2025 19:00
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICCC040

Quant Time: Mar 13 04:08:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 04:01:12 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
Data File : BP024165.D
Acq On : 12 Mar 2025 19:41
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Quant Time: Mar 13 04:09:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 04:01:12 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.775	152	362382	20.000	ng		0.00
21) Naphthalene-d8	10.551	136	1504882	20.000	ng		0.00
39) Acenaphthene-d10	14.410	164	918204	20.000	ng		0.00
64) Phenanthrene-d10	17.216	188	1730200	20.000	ng		0.01
76) Chrysene-d12	21.674	240	1856010	20.000	ng		0.02
86) Perylene-d12	25.086	264	2039908	20.000	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.381	112	2339783	100.747	ng		0.00
7) Phenol-d6	6.952	99	3169724	106.191	ng		0.00
23) Nitrobenzene-d5	8.928	82	2723412	100.962	ng		0.00
42) 2,4,6-Tribromophenol	15.928	330	1240173	110.267	ng		0.01
45) 2-Fluorobiphenyl	13.022	172	6129086	93.318	ng		0.00
79) Terphenyl-d14	19.945	244	8967575	95.606	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.316	88	449736	49.365	ng		100
3) Pyridine	3.716	79	1264797m	53.398	ng		
4) n-Nitrosodimethylamine	3.622	42	417922	49.741	ng		99
6) Aniline	7.110	93	1402509	51.307	ng		100
8) 2-Chlorophenol	7.346	128	1260095	51.262	ng		98
9) Benzaldehyde	6.922	77	680024	49.899	ng		99
10) Phenol	6.981	94	1580281	52.648	ng		98
11) bis(2-Chloroethyl)ether	7.199	93	1214752	51.383	ng		99
12) 1,3-Dichlorobenzene	7.663	146	1338137	49.552	ng		99
13) 1,4-Dichlorobenzene	7.810	146	1352373	49.520	ng		100
14) 1,2-Dichlorobenzene	8.122	146	1299613	49.586	ng		99
15) Benzyl Alcohol	8.010	79	1016261	55.621	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.299	45	1236313	53.871	ng		99
17) 2-Methylphenol	8.216	107	1010720	55.257	ng		100
18) Hexachloroethane	8.846	117	482437	49.052	ng		97
19) n-Nitroso-di-n-propyla...	8.575	70	929876	57.939	ng		99
20) 3+4-Methylphenols	8.540	107	1401754	56.333	ng		99
22) Acetophenone	8.587	105	1912289	49.450	ng	#	99
24) Nitrobenzene	8.969	77	1335288	50.299	ng		99
25) Isophorone	9.487	82	2389410	54.168	ng		100
26) 2-Nitrophenol	9.669	139	686089	56.096	ng		99
27) 2,4-Dimethylphenol	9.734	122	840657	52.362	ng		99
28) bis(2-Chloroethoxy)met...	9.963	93	1612977	50.476	ng		100
29) 2,4-Dichlorophenol	10.210	162	1152247	52.591	ng		98
30) 1,2,4-Trichlorobenzene	10.416	180	1212617	48.306	ng		99
31) Naphthalene	10.604	128	4020722	49.689	ng		100
32) Benzoic acid	9.893	122	900054	61.152	ng		99
33) 4-Chloroaniline	10.710	127	1481634	51.976	ng		99
34) Hexachlorobutadiene	10.893	225	703606	48.392	ng		99
35) Caprolactam	11.510	113	402356	60.646	ng		98
36) 4-Chloro-3-methylphenol	11.845	107	1251209	55.551	ng		100
37) 2-Methylnaphthalene	12.216	142	2749915	51.131	ng		100
38) 1-Methylnaphthalene	12.434	142	2647375	50.600	ng		99
40) 1,2,4,5-Tetrachloroben...	12.587	216	1331287	47.188	ng		100
41) Hexachlorocyclopentadiene	12.569	237	503901	47.999	ng		99
43) 2,4,6-Trichlorophenol	12.828	196	896606	52.112	ng		100

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
Data File : BP024165.D
Acq On : 12 Mar 2025 19:41
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Quant Time: Mar 13 04:09:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 04:01:12 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.904	196	969372	51.517	ng	99
46) 1,1'-Biphenyl	13.234	154	3427883	48.043	ng	100
47) 2-Chloronaphthalene	13.275	162	2559098	47.446	ng	99
48) 2-Nitroaniline	13.475	65	714343	56.066	ng	97
49) Acenaphthylene	14.128	152	4015684	50.533	ng	100
50) Dimethylphthalate	13.869	163	3252950	50.224	ng	100
51) 2,6-Dinitrotoluene	13.981	165	715171	54.206	ng	99
52) Acenaphthene	14.481	154	2516832	49.182	ng	99
53) 3-Nitroaniline	14.310	138	790217	56.128	ng	98
54) 2,4-Dinitrophenol	14.528	184	410616	58.439	ng	99
55) Dibenzofuran	14.816	168	4058172	48.816	ng	99
56) 4-Nitrophenol	14.639	139	685687	56.382	ng	98
57) 2,4-Dinitrotoluene	14.781	165	971087	56.659	ng	99
58) Fluorene	15.481	166	3230571	49.759	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.045	232	851401	52.152	ng	100
60) Diethylphthalate	15.251	149	3265289	50.786	ng	99
61) 4-Chlorophenyl-phenyle...	15.475	204	1572773	49.216	ng	99
62) 4-Nitroaniline	15.504	138	831169	56.889	ng	99
63) Azobenzene	15.769	77	3077821	51.085	ng	98
65) 4,6-Dinitro-2-methylph...	15.563	198	551280	55.051	ng	97
66) n-Nitrosodiphenylamine	15.686	169	2670636	49.497	ng	99
67) 4-Bromophenyl-phenylether	16.386	248	968698	49.858	ng	98
68) Hexachlorobenzene	16.510	284	1136445	49.709	ng	99
69) Atrazine	16.669	200	452391	32.672	ng	99
70) Pentachlorophenol	16.863	266	796545	53.644	ng	99
71) Phenanthrene	17.257	178	4759945	48.797	ng	100
72) Anthracene	17.351	178	4723119	50.526	ng	100
73) Carbazole	17.633	167	4585466	51.485	ng	100
74) Di-n-butylphthalate	18.222	149	5502824	52.951	ng	100
75) Fluoranthene	19.345	202	5644914	51.163	ng	99
77) Benzidine	19.539	184	804810	35.585	ng	99
78) Pyrene	19.727	202	5876091	49.843	ng	100
80) Butylbenzylphthalate	20.674	149	2571381	56.920	ng	99
81) Benzo(a)anthracene	21.657	228	5851357	50.277	ng	100
82) 3,3'-Dichlorobenzidine	21.580	252	2015249	55.414	ng	99
83) Chrysene	21.727	228	5625314	50.126	ng	100
84) Bis(2-ethylhexyl)phtha...	21.592	149	3802016	55.499	ng	100
85) Di-n-octyl phthalate	22.904	149	6298049	57.516	ng	100
87) Indeno(1,2,3-cd)pyrene	28.956	276	7354717	50.680	ng	99
88) Benzo(b)fluoranthene	24.004	252	6342083	48.959	ng	98
89) Benzo(k)fluoranthene	24.080	252	6136938	48.672	ng	99
90) Benzo(a)pyrene	24.927	252	5581393	50.770	ng	99
91) Dibenzo(a,h)anthracene	29.045	278	6072440	49.766	ng	99
92) Benzo(g,h,i)perylene	30.168	276	6130219	49.509	ng	99

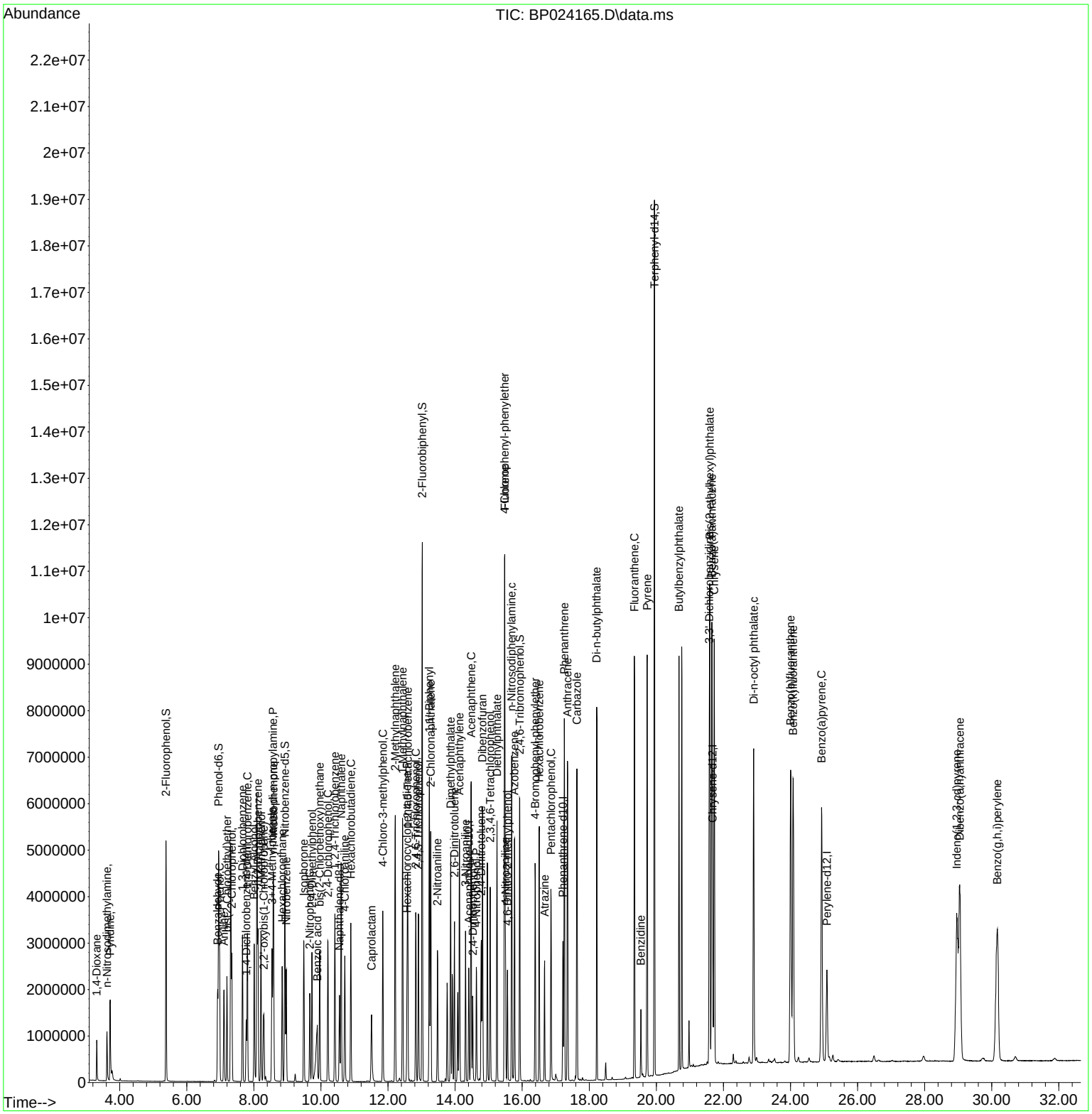
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
Data File : BP024165.D
Acq On : 12 Mar 2025 19:41
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC050

Quant Time: Mar 13 04:09:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 04:01:12 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
Data File : BP024166.D
Acq On : 12 Mar 2025 20:21
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Quant Time: Mar 13 04:09:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 04:01:12 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	394376	20.000	ng	0.00
21) Naphthalene-d8	10.552	136	1591612	20.000	ng	0.00
39) Acenaphthene-d10	14.404	164	936110	20.000	ng	0.00
64) Phenanthrene-d10	17.210	188	1759587	20.000	ng	0.00
76) Chrysene-d12	21.669	240	1817869	20.000	ng	0.01
86) Perylene-d12	25.074	264	2003229	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	3091896	122.332	ng	0.00
7) Phenol-d6	6.958	99	4151063	127.785	ng	0.00
23) Nitrobenzene-d5	8.922	82	3516139	123.247	ng	0.00
42) 2,4,6-Tribromophenol	15.922	330	1542341	134.511	ng	0.00
45) 2-Fluorobiphenyl	13.016	172	7675412	114.626	ng	0.00
79) Terphenyl-d14	19.933	244	10595349	115.330	ng	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.322	88	588784	59.385	ng	100
3) Pyridine	3.717	79	1653707m	64.153	ng	
4) n-Nitrosodimethylamine	3.622	42	551093	60.270	ng	99
6) Aniline	7.111	93	1788370	60.115	ng	99
8) 2-Chlorophenol	7.346	128	1656453	61.919	ng	99
9) Benzaldehyde	6.922	77	830475	55.995	ng	99
10) Phenol	6.981	94	2072585	63.448	ng	99
11) bis(2-Chloroethyl)ether	7.199	93	1606110	62.425	ng	99
12) 1,3-Dichlorobenzene	7.663	146	1740829	59.234	ng	100
13) 1,4-Dichlorobenzene	7.805	146	1778400	59.836	ng	100
14) 1,2-Dichlorobenzene	8.122	146	1703894	59.737	ng	100
15) Benzyl Alcohol	8.010	79	1332675	67.021	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.293	45	1610981	64.502	ng	99
17) 2-Methylphenol	8.210	107	1316438	66.132	ng	99
18) Hexachloroethane	8.846	117	636840	59.498	ng	96
19) n-Nitroso-di-n-propyla...	8.575	70	1191669	68.227	ng	99
20) 3+4-Methylphenols	8.540	107	1809984	66.838	ng	100
22) Acetophenone	8.587	105	2478568	60.600	ng	99
24) Nitrobenzene	8.963	77	1731589	61.673	ng	99
25) Isophorone	9.487	82	3063158	65.658	ng	100
26) 2-Nitrophenol	9.669	139	904714	69.941	ng	97
27) 2,4-Dimethylphenol	9.734	122	1095778	64.534	ng	99
28) bis(2-Chloroethoxy)met...	9.963	93	2086687	61.742	ng	99
29) 2,4-Dichlorophenol	10.204	162	1497152	64.609	ng	99
30) 1,2,4-Trichlorobenzene	10.416	180	1578453	59.453	ng	100
31) Naphthalene	10.604	128	5145859	60.129	ng	100
32) Benzoic acid	9.904	122	1203679	77.325	ng	98
33) 4-Chloroaniline	10.710	127	1859148	61.665	ng	99
34) Hexachlorobutadiene	10.887	225	918034	59.699	ng	98
35) Caprolactam	11.510	113	496683	70.784	ng	99
36) 4-Chloro-3-methylphenol	11.846	107	1582952	66.451	ng	98
37) 2-Methylnaphthalene	12.216	142	3504891	61.618	ng	100
38) 1-Methylnaphthalene	12.434	142	3364504	60.802	ng	100
40) 1,2,4,5-Tetrachloroben...	12.587	216	1707961	59.382	ng	100
41) Hexachlorocyclopentadiene	12.563	237	656781	61.365	ng	98
43) 2,4,6-Trichlorophenol	12.828	196	1148545	65.478	ng	100

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
Data File : BP024166.D
Acq On : 12 Mar 2025 20:21
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Quant Time: Mar 13 04:09:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 04:01:12 2025
Response via : Initial Calibration

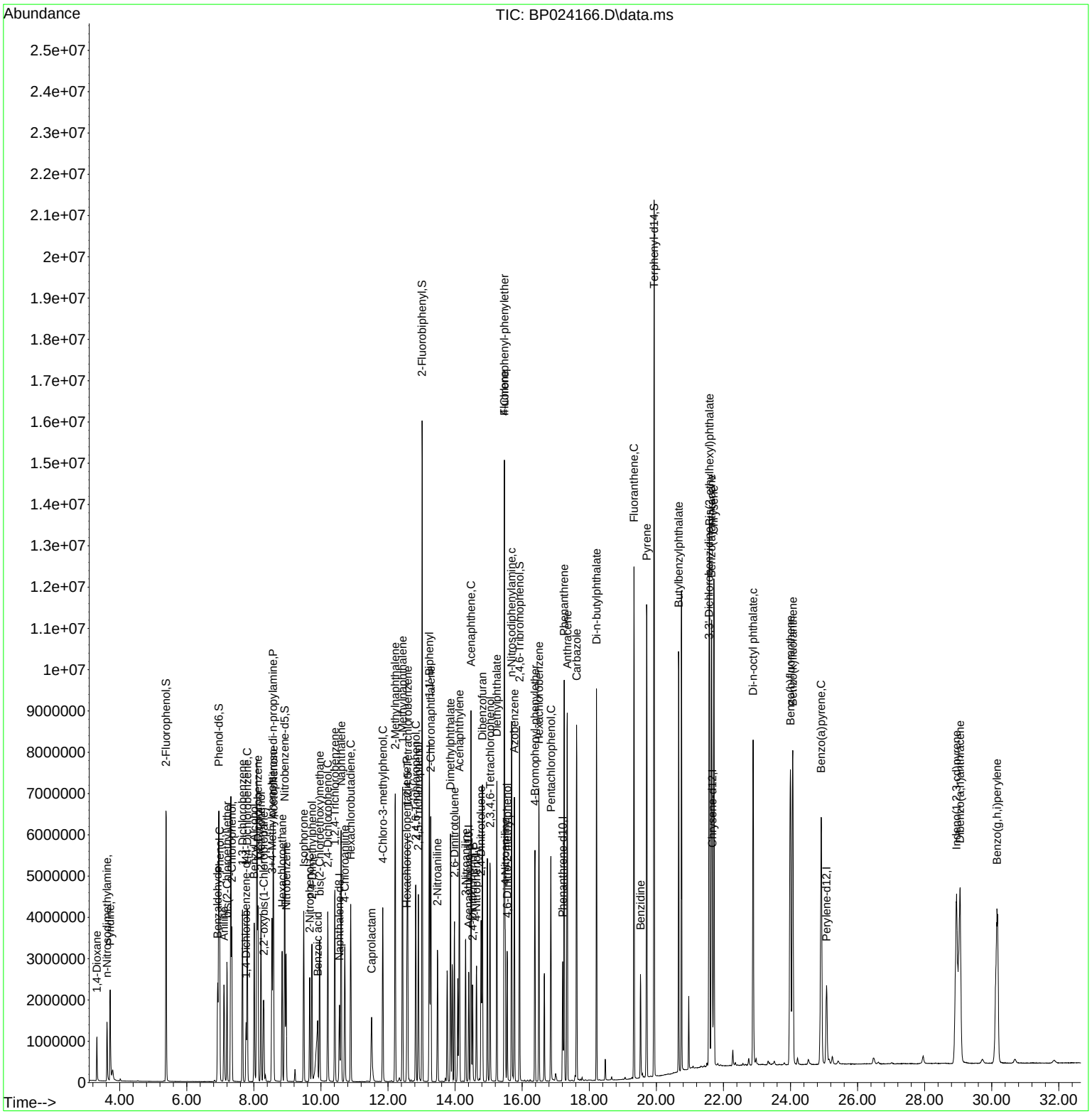
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.904	196	1233147	64.282	ng	99
46) 1,1'-Biphenyl	13.234	154	4312903	59.291	ng	99
47) 2-Chloronaphthalene	13.275	162	3269176	59.452	ng	100
48) 2-Nitroaniline	13.475	65	890207	68.533	ng	99
49) Acenaphthylene	14.128	152	5025011	62.024	ng	100
50) Dimethylphthalate	13.863	163	3997694	60.542	ng	100
51) 2,6-Dinitrotoluene	13.981	165	887706	65.996	ng	96
52) Acenaphthene	14.475	154	3153799	60.450	ng	99
53) 3-Nitroaniline	14.316	138	963434	67.123	ng	99
54) 2,4-Dinitrophenol	14.522	184	523590	73.093	ng	97
55) Dibenzofuran	14.816	168	5051493	59.602	ng	100
56) 4-Nitrophenol	14.640	139	831765	67.086	ng	99
57) 2,4-Dinitrotoluene	14.775	165	1211692	69.346	ng	98
58) Fluorene	15.469	166	3951671	59.702	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.045	232	1055860	63.439	ng	99
60) Diethylphthalate	15.245	149	4030341	61.486	ng	99
61) 4-Chlorophenyl-phenyle...	15.469	204	1934265	59.370	ng	100
62) 4-Nitroaniline	15.498	138	1025149	68.824	ng	98
63) Azobenzene	15.769	77	3829148	62.340	ng	98
65) 4,6-Dinitro-2-methylph...	15.557	198	698260	68.563	ng	93
66) n-Nitrosodiphenylamine	15.687	169	3334914	60.776	ng	100
67) 4-Bromophenyl-phenylether	16.381	248	1211468	61.311	ng	97
68) Hexachlorobenzene	16.498	284	1425714	61.320	ng	97
70) Pentachlorophenol	16.857	266	1002726	66.402	ng	100
71) Phenanthrene	17.251	178	5863198	59.103	ng	99
72) Anthracene	17.345	178	5754537	60.532	ng	100
73) Carbazole	17.622	167	5598533	61.810	ng	99
74) Di-n-butylphthalate	18.216	149	6844468	64.761	ng	100
75) Fluoranthene	19.333	202	6849338	61.042	ng	99
77) Benzidine	19.528	184	1518742	68.561	ng	100
78) Pyrene	19.710	202	7049649	61.052	ng	99
80) Butylbenzylphthalate	20.663	149	3170269	71.649	ng	99
81) Benzo(a)anthracene	21.645	228	7010330	61.500	ng	99
82) 3,3'-Dichlorobenzidine	21.569	252	2547922	71.531	ng	99
83) Chrysene	21.716	228	6653811	60.535	ng	99
84) Bis(2-ethylhexyl)phtha...	21.586	149	4788368	71.363	ng	98
85) Di-n-octyl phthalate	22.886	149	7825427	72.964	ng	100
87) Indeno(1,2,3-cd)pyrene	28.951	276	8887645m	62.364	ng	
88) Benzo(b)fluoranthene	23.998	252	7606878	59.798	ng	99
89) Benzo(k)fluoranthene	24.068	252	7515459	60.696	ng	99
90) Benzo(a)pyrene	24.915	252	6723161	62.275	ng	99
91) Dibenzo(a,h)anthracene	29.056	278	7370514	61.510	ng	99
92) Benzo(g,h,i)perylene	30.156	276	7489359	61.593	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
Data File : BP024166.D
Acq On : 12 Mar 2025 20:21
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Quant Time: Mar 13 04:09:55 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 04:01:12 2025
Response via : Initial Calibration



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
Data File : BP024167.D
Acq On : 12 Mar 2025 21:02
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Quant Time: Mar 13 04:10:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 04:01:12 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.769	152	364999	20.000	ng		0.00
21) Naphthalene-d8	10.551	136	1468727	20.000	ng		0.00
39) Acenaphthene-d10	14.404	164	888748	20.000	ng		0.00
64) Phenanthrene-d10	17.210	188	1690241	20.000	ng		0.00
76) Chrysene-d12	21.674	240	1785678	20.000	ng		0.02
86) Perylene-d12	25.080	264	1974592	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.381	112	3803317	162.591	ng		0.00
7) Phenol-d6	6.957	99	5104893	169.796	ng		0.00
23) Nitrobenzene-d5	8.922	82	4314346	163.878	ng		0.00
42) 2,4,6-Tribromophenol	15.922	330	2025211	186.035	ng		0.00
45) 2-Fluorobiphenyl	13.016	172	9471932	148.993	ng		0.00
79) Terphenyl-d14	19.939	244	13193577	146.201	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.317	88	719424	78.401	ng		99
3) Pyridine	3.716	79	2086180m	87.444	ng		
4) n-Nitrosodimethylamine	3.622	42	672598	79.479	ng		98
6) Aniline	7.110	93	2112268	76.717	ng		98
8) 2-Chlorophenol	7.346	128	2039550	82.376	ng		99
9) Benzaldehyde	6.922	77	842969	61.412	ng		98
10) Phenol	6.987	94	2556863	84.573	ng		99
11) bis(2-Chloroethyl)ether	7.199	93	1979282	83.121	ng		100
12) 1,3-Dichlorobenzene	7.663	146	2110081	77.577	ng		99
13) 1,4-Dichlorobenzene	7.810	146	2159502	78.507	ng		99
14) 1,2-Dichlorobenzene	8.122	146	2060216	78.042	ng		99
15) Benzyl Alcohol	8.010	79	1663098	90.370	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.299	45	1950889	84.398	ng		99
17) 2-Methylphenol	8.216	107	1619006	87.877	ng		99
18) Hexachloroethane	8.846	117	773060	78.037	ng		97
19) n-Nitroso-di-n-propyla...	8.575	70	1455297	90.027	ng		99
20) 3+4-Methylphenols	8.546	107	2240243	89.384	ng		98
22) Acetophenone	8.587	105	3007941	79.697	ng	#	99
24) Nitrobenzene	8.969	77	2118548	81.768	ng		98
25) Isophorone	9.493	82	3813082	88.570	ng		98
26) 2-Nitrophenol	9.669	139	1129770	94.646	ng		97
27) 2,4-Dimethylphenol	9.734	122	1361694	86.904	ng		99
28) bis(2-Chloroethoxy)met...	9.963	93	2576867	82.625	ng		100
29) 2,4-Dichlorophenol	10.204	162	1875825	87.724	ng		99
30) 1,2,4-Trichlorobenzene	10.416	180	1946046	79.431	ng		99
31) Naphthalene	10.604	128	6278869	79.507	ng		100
33) 4-Chloroaniline	10.716	127	2336710	83.990	ng		99
34) Hexachlorobutadiene	10.887	225	1124081	79.213	ng		99
35) Caprolactam	11.528	113	654999	101.156	ng		97
36) 4-Chloro-3-methylphenol	11.845	107	2042687	92.924	ng		99
37) 2-Methylnaphthalene	12.210	142	4316966	82.244	ng		99
38) 1-Methylnaphthalene	12.434	142	4227550	82.791	ng		99
40) 1,2,4,5-Tetrachloroben...	12.581	216	2120251	77.644	ng		100
41) Hexachlorocyclopentadiene	12.563	237	788854	77.633	ng		99
43) 2,4,6-Trichlorophenol	12.822	196	1443797	86.697	ng		99
44) 2,4,5-Trichlorophenol	12.904	196	1575527	86.506	ng		99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
Data File : BP024167.D
Acq On : 12 Mar 2025 21:02
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Quant Time: Mar 13 04:10:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 04:01:12 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.228	154	5406424	78.284	ng		99
47) 2-Chloronaphthalene	13.269	162	4094698	78.432	ng		100
48) 2-Nitroaniline	13.475	65	1150637	93.303	ng		98
49) Acenaphthylene	14.122	152	6343598	82.473	ng		99
50) Dimethylphthalate	13.857	163	5115780	81.603	ng		100
51) 2,6-Dinitrotoluene	13.975	165	1146015	89.740	ng		97
52) Acenaphthene	14.469	154	3985981	80.473	ng		99
53) 3-Nitroaniline	14.310	138	1277036	93.713	ng		98
55) Dibenzofuran	14.810	168	6287848	78.144	ng		99
56) 4-Nitrophenol	14.639	139	1110260	94.320	ng		99
57) 2,4-Dinitrotoluene	14.775	165	1584658	95.524	ng		97
58) Fluorene	15.469	166	4983161	79.298	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.045	232	1371535	86.797	ng		100
60) Diethylphthalate	15.245	149	5221159	83.898	ng		98
61) 4-Chlorophenyl-phenyle...	15.463	204	2453010	79.305	ng		99
62) 4-Nitroaniline	15.498	138	1346814	95.238	ng		95
63) Azobenzene	15.763	77	4851665	83.196	ng		99
65) 4,6-Dinitro-2-methylph...	15.557	198	924643	94.517	ng		97
66) n-Nitrosodiphenylamine	15.686	169	4231796	80.285	ng		99
67) 4-Bromophenyl-phenylether	16.381	248	1565037	82.455	ng		94
68) Hexachlorobenzene	16.498	284	1841149	82.437	ng		99
70) Pentachlorophenol	16.851	266	1334567	92.003	ng		100
71) Phenanthrene	17.251	178	7450840	78.188	ng		99
72) Anthracene	17.345	178	7420971	81.264	ng		99
73) Carbazole	17.628	167	7209600	82.862	ng		98
74) Di-n-butylphthalate	18.216	149	8819030	86.868	ng		99
75) Fluoranthene	19.339	202	8868502	82.280	ng		99
77) Benzidine	19.533	184	1583965	72.794	ng		100
78) Pyrene	19.722	202	9100075	80.230	ng		99
80) Butylbenzylphthalate	20.669	149	4117551	94.735	ng		97
81) Benzo(a)anthracene	21.657	228	9075269	81.050	ng		98
82) 3,3'-Dichlorobenzidine	21.574	252	3216378	91.925	ng		99
83) Chrysene	21.721	228	8635685	79.981	ng		99
84) Bis(2-ethylhexyl)phtha...	21.592	149	6077881	92.215	ng	#	98
85) Di-n-octyl phthalate	22.898	149	10239008	97.189	ng		100
87) Indeno(1,2,3-cd)pyrene	28.962	276	11842118	84.301	ng		100
88) Benzo(b)fluoranthene	24.004	252	9984031	79.623	ng		98
89) Benzo(k)fluoranthene	24.080	252	9728938	79.712	ng		98
90) Benzo(a)pyrene	24.921	252	8860063	83.259	ng		99
91) Dibenzo(a,h)anthracene	29.039	278	9828241	83.210	ng		98
92) Benzo(g,h,i)perylene	30.180	276	9940803	82.940	ng		98

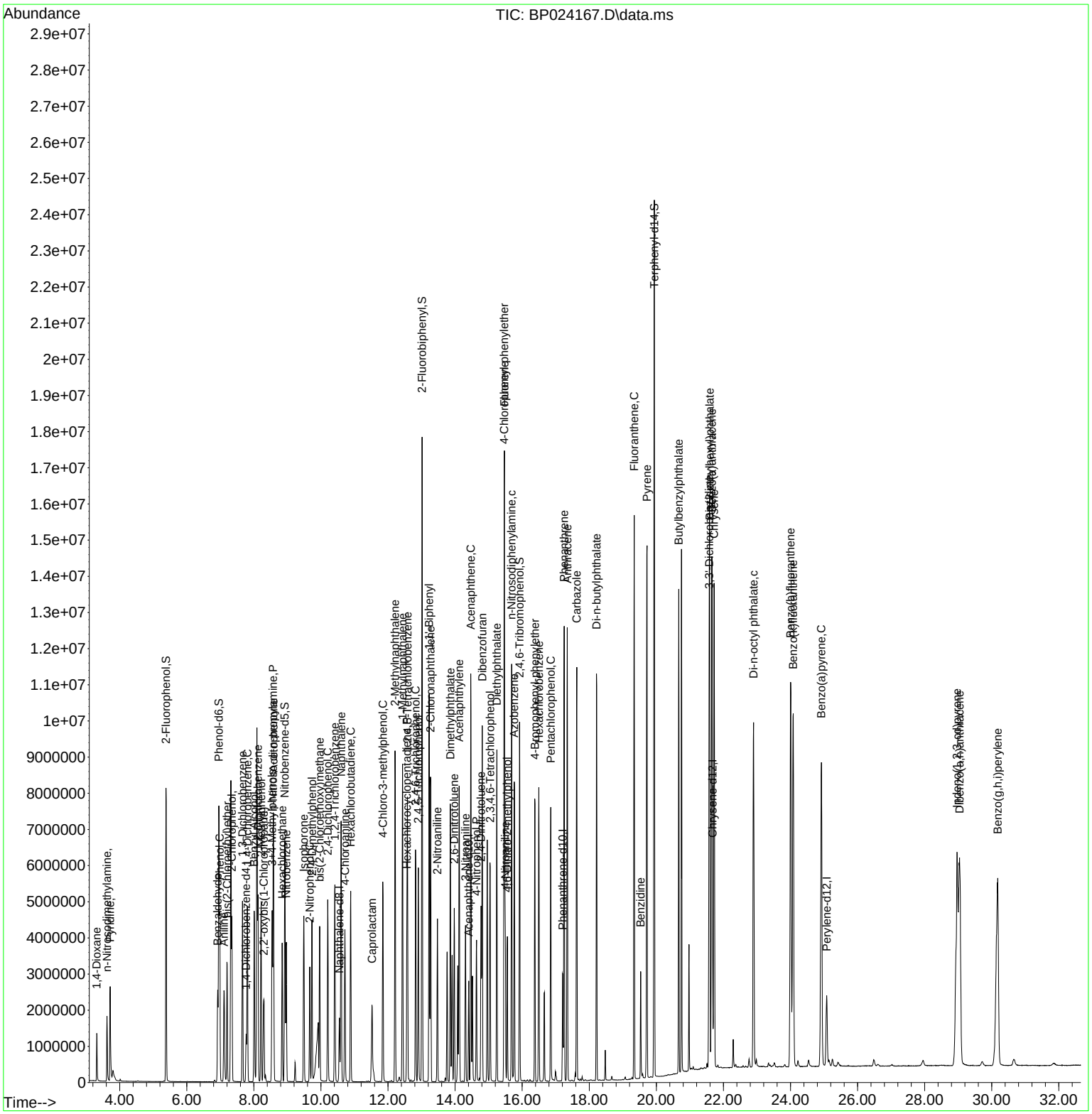
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
Data File : BP024167.D
Acq On : 12 Mar 2025 21:02
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Quant Time: Mar 13 04:10:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 04:01:12 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
Data File : BP024168.D
Acq On : 12 Mar 2025 21:43
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Quant Time: Mar 13 04:44:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 04:38:17 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	399821	20.000	ng	0.00
21) Naphthalene-d8	10.552	136	1631941	20.000	ng	0.00
39) Acenaphthene-d10	14.404	164	966525	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	1810172	20.000	ng	0.00
76) Chrysene-d12	21.669	240	1903114	20.000	ng	0.01
86) Perylene-d12	25.069	264	2127367	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	1959434	78.230	ng	0.00
7) Phenol-d6	6.952	99	2636154	78.704	ng	0.00
23) Nitrobenzene-d5	8.922	82	2274955	78.652	ng	0.00
42) 2,4,6-Tribromophenol	15.922	330	995466	81.766	ng	0.00
45) 2-Fluorobiphenyl	13.022	172	5105223	77.885	ng	0.00
79) Terphenyl-d14	19.933	244	7241807	78.549	ng	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.317	88	376087	37.880	ng	99
3) Pyridine	3.717	79	1050879	38.718	ng	99
4) n-Nitrosodimethylamine	3.623	42	350385	38.646	ng	98
6) Aniline	7.111	93	1202738	39.413	ng	100
8) 2-Chlorophenol	7.346	128	1059150	39.149	ng	100
9) Benzaldehyde	6.922	77	652848	40.389	ng	99
10) Phenol	6.981	94	1314283	38.869	ng	99
11) bis(2-Chloroethyl)ether	7.199	93	1018670	38.203	ng	99
12) 1,3-Dichlorobenzene	7.664	146	1118950	38.353	ng	99
13) 1,4-Dichlorobenzene	7.805	146	1130770	37.960	ng	99
14) 1,2-Dichlorobenzene	8.122	146	1089564	38.116	ng	100
15) Benzyl Alcohol	8.011	79	848187	39.999	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.299	45	1043834	38.356	ng	99
17) 2-Methylphenol	8.216	107	840413	39.636	ng	100
18) Hexachloroethane	8.846	117	407804	38.587	ng	98
19) n-Nitroso-di-n-propyla...	8.575	70	771380	39.697	ng	99
20) 3+4-Methylphenols	8.540	107	1154401	39.629	ng	100
22) Acetophenone	8.587	105	1593044	38.611	ng	100
24) Nitrobenzene	8.963	77	1114096	39.045	ng	99
25) Isophorone	9.487	82	1967247	39.677	ng	99
26) 2-Nitrophenol	9.669	139	570971	41.892	ng	98
27) 2,4-Dimethylphenol	9.734	122	697163	39.779	ng	98
28) bis(2-Chloroethoxy)met...	9.963	93	1346656	38.608	ng	100
29) 2,4-Dichlorophenol	10.205	162	961583	40.558	ng	99
30) 1,2,4-Trichlorobenzene	10.416	180	1002302	38.264	ng	99
31) Naphthalene	10.605	128	3306535	38.223	ng	100
32) Benzoic acid	9.881	122	745543	43.618	ng	98
33) 4-Chloroaniline	10.710	127	1222820	39.499	ng	100
34) Hexachlorobutadiene	10.887	225	585728	38.854	ng	98
35) Caprolactam	11.499	113	317484	40.859	ng	97
36) 4-Chloro-3-methylphenol	11.840	107	1015423	39.702	ng	99
37) 2-Methylnaphthalene	12.210	142	2265320	38.762	ng	99
38) 1-Methylnaphthalene	12.434	142	2209719	38.874	ng	99
40) 1,2,4,5-Tetrachloroben...	12.581	216	1089303	38.988	ng	100
41) Hexachlorocyclopentadiene	12.569	237	413181	41.026	ng	100
43) 2,4,6-Trichlorophenol	12.828	196	727105	40.950	ng	99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
Data File : BP024168.D
Acq On : 12 Mar 2025 21:43
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Quant Time: Mar 13 04:44:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 04:38:17 2025
Response via : Initial Calibration

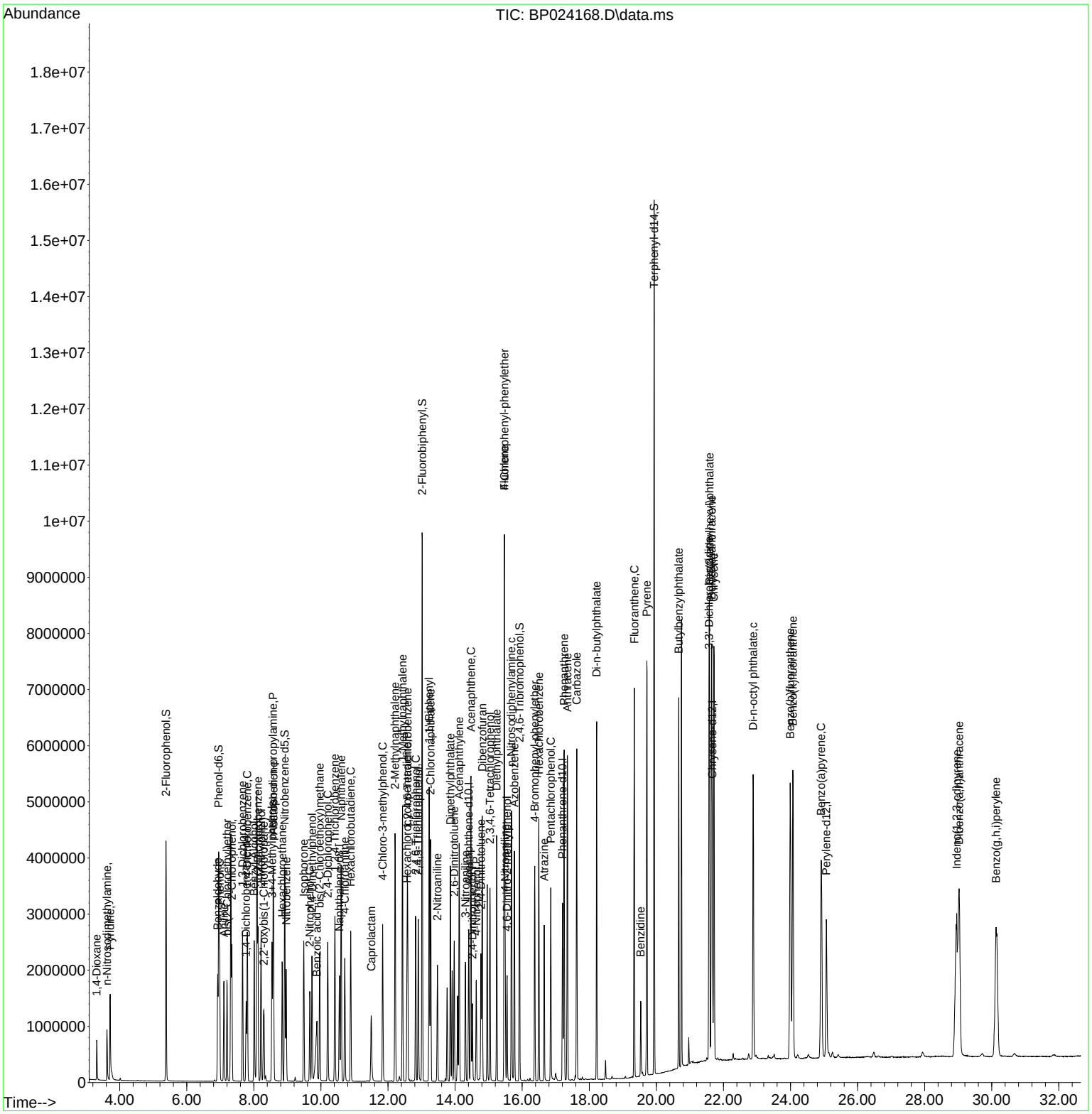
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.904	196	798076	40.985	ng	98
46) 1,1'-Biphenyl	13.228	154	2821370	38.846	ng	99
47) 2-Chloronaphthalene	13.269	162	2130879	39.006	ng	100
48) 2-Nitroaniline	13.475	65	574806	41.137	ng	99
49) Acenaphthylene	14.122	152	3245488	39.262	ng	100
50) Dimethylphthalate	13.863	163	2606961	38.548	ng	99
51) 2,6-Dinitrotoluene	13.975	165	563651	39.611	ng	98
52) Acenaphthene	14.475	154	2053476	38.881	ng	98
53) 3-Nitroaniline	14.310	138	625803	40.719	ng	99
54) 2,4-Dinitrophenol	14.516	184	322185	42.791	ng	98
55) Dibenzofuran	14.810	168	3273448	38.264	ng	100
56) 4-Nitrophenol	14.634	139	543119	42.293	ng	98
57) 2,4-Dinitrotoluene	14.769	165	772629	41.106	ng	99
58) Fluorene	15.469	166	2603595	39.061	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.040	232	685479	39.844	ng	100
60) Diethylphthalate	15.240	149	2595505	38.539	ng	100
61) 4-Chlorophenyl-phenyle...	15.469	204	1261005	38.572	ng	99
62) 4-Nitroaniline	15.493	138	664956	41.253	ng	99
63) Azobenzene	15.769	77	2497600	39.347	ng	99
65) 4,6-Dinitro-2-methylph...	15.551	198	434596	40.442	ng	95
66) n-Nitrosodiphenylamine	15.681	169	2156617	39.234	ng	99
67) 4-Bromophenyl-phenylether	16.375	248	772937	38.892	ng	98
68) Hexachlorobenzene	16.498	284	919105	39.073	ng	97
69) Atrazine	16.657	200	481443	36.287	ng	99
70) Pentachlorophenol	16.851	266	626146	41.161	ng	100
71) Phenanthrene	17.251	178	3795212	38.379	ng	99
72) Anthracene	17.351	178	3790779	39.358	ng	99
73) Carbazole	17.628	167	3684202	39.665	ng	100
74) Di-n-butylphthalate	18.222	149	4505984	40.866	ng	100
75) Fluoranthene	19.345	202	4467370	39.006	ng	99
77) Benzidine	19.534	184	827654	39.777	ng	99
78) Pyrene	19.716	202	4681182	39.565	ng	100
80) Butylbenzylphthalate	20.669	149	1991838	40.824	ng	98
81) Benzo(a)anthracene	21.651	228	4652183	39.318	ng	99
82) 3,3'-Dichlorobenzidine	21.569	252	1655655	41.750	ng	99
83) Chrysene	21.716	228	4393252	38.624	ng	99
84) Bis(2-ethylhexyl)phtha...	21.586	149	3060349	41.569	ng	99
85) Di-n-octyl phthalate	22.886	149	5007462	42.452	ng	100
87) Indeno(1,2,3-cd)pyrene	28.957	276	5699470	38.387	ng	100
88) Benzo(b)fluoranthene	23.992	252	4988392	38.891	ng	98
89) Benzo(k)fluoranthene	24.069	252	4803010	38.280	ng	99
90) Benzo(a)pyrene	24.916	252	4306060	38.607	ng	100
91) Dibenzo(a,h)anthracene	29.027	278	4752357	38.474	ng	99
92) Benzo(g,h,i)perylene	30.127	276	4782473m	38.087	ng	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
Data File : BP024168.D
Acq On : 12 Mar 2025 21:43
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Quant Time: Mar 13 04:44:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 04:38:17 2025
Response via : Initial Calibration



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
Data File : BP024168.D
Acq On : 12 Mar 2025 21:43
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Quant Time: Mar 13 04:44:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 04:38:17 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	104	0.00
2		1,4-Dioxane	0.497	0.470	5.4	105	0.00
3		Pyridine	1.358	1.314	3.2	105	0.00
4		n-Nitrosodimethylamine	0.454	0.438	3.5	106	0.00
5	S	2-Fluorophenol	1.253	1.225	2.2	106	0.00
6		Aniline	1.527	1.504	1.5	106	0.00
7	S	Phenol-d6	1.675	1.648	1.6	105	0.00
8		2-Chlorophenol	1.353	1.325	2.1	106	0.00
9		Benzaldehyde	0.809	0.816	-0.9	109	0.00
10	C	Phenol	1.691	1.644	2.8	105	0.00
11		bis(2-Chloroethyl)ether	1.334	1.274	4.5	104	0.00
12		1,3-Dichlorobenzene	1.459	1.399	4.1	105	0.00
13	C	1,4-Dichlorobenzene	1.490	1.414	5.1	104	0.00
14		1,2-Dichlorobenzene	1.430	1.363	4.7	105	0.00
15		Benzyl Alcohol	1.061	1.061	0.0	106	0.00
16		2,2'-oxybis(1-Chloropropane	1.361	1.305	4.1	105	0.00
17		2-Methylphenol	1.061	1.051	0.9	106	0.00
18		Hexachloroethane	0.529	0.510	3.6	105	0.00
19	P	n-Nitroso-di-n-propylamine	0.972	0.965	0.7	105	0.00
20		3+4-Methylphenols	1.457	1.444	0.9	105	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	106	0.00
22		Acetophenone	0.506	0.488	3.6	104	0.00
23	S	Nitrobenzene-d5	0.354	0.349	1.4	105	0.00
24		Nitrobenzene	0.350	0.341	2.6	106	0.00
25		Isophorone	0.608	0.603	0.8	106	0.00
26	C	2-Nitrophenol	0.167	0.175	-4.8	109	0.00
27		2,4-Dimethylphenol	0.215	0.214	0.5	105	0.00
28		bis(2-Chloroethoxy)methane	0.427	0.413	3.3	105	0.00
29	C	2,4-Dichlorophenol	0.291	0.295	-1.4	105	0.00
30		1,2,4-Trichlorobenzene	0.321	0.307	4.4	104	0.00
31		Naphthalene	1.060	1.013	4.4	104	0.00
32		Benzoic acid	0.209	0.228	-9.1	111	0.00
33		4-Chloroaniline	0.379	0.375	1.1	105	0.00
34	C	Hexachlorobutadiene	0.185	0.179	3.2	106	0.00
35		Caprolactam	0.095	0.097	-2.1	106	0.00
36	C	4-Chloro-3-methylphenol	0.313	0.311	0.6	105	0.00
37		2-Methylnaphthalene	0.716	0.694	3.1	105	0.00
38		1-Methylnaphthalene	0.697	0.677	2.9	107	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	104	0.00
40		1,2,4,5-Tetrachlorobenzene	0.578	0.564	2.4	105	0.00
41	P	Hexachlorocyclopentadiene	0.208	0.214	-2.9	105	0.00
42	S	2,4,6-Tribromophenol	0.252	0.257	-2.0	106	0.00
43	C	2,4,6-Trichlorophenol	0.367	0.376	-2.5	105	0.00
44		2,4,5-Trichlorophenol	0.403	0.413	-2.5	105	0.00
45	S	2-Fluorobiphenyl	1.356	1.321	2.6	104	0.00
46		1,1'-Biphenyl	1.503	1.460	2.9	104	0.00
47		2-Chloronaphthalene	1.130	1.102	2.5	105	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
Data File : BP024168.D
Acq On : 12 Mar 2025 21:43
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Quant Time: Mar 13 04:44:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 04:38:17 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	0.289	0.297	-2.8	106	0.00
49		Acenaphthylene	1.710	1.679	1.8	105	0.00
50		Dimethylphthalate	1.399	1.349	3.6	103	0.00
51		2,6-Dinitrotoluene	0.294	0.292	0.7	103	0.00
52	C	Acenaphthene	1.093	1.062	2.8	104	0.00
53		3-Nitroaniline	0.318	0.324	-1.9	104	0.00
54	P	2,4-Dinitrophenol	0.156	0.167	-7.1	108	0.00
55		Dibenzofuran	1.770	1.693	4.4	103	0.00
56	P	4-Nitrophenol	0.266	0.281	-5.6	105	0.00
57		2,4-Dinitrotoluene	0.389	0.400	-2.8	105	0.00
58		Fluorene	1.379	1.347	2.3	104	0.00
59		2,3,4,6-Tetrachlorophenol	0.356	0.355	0.3	103	0.00
60		Diethylphthalate	1.394	1.343	3.7	103	0.00
61		4-Chlorophenyl-phenylether	0.676	0.652	3.6	103	0.00
62		4-Nitroaniline	0.334	0.344	-3.0	104	0.00
63		Azobenzene	1.314	1.292	1.7	104	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	105	0.00
65		4,6-Dinitro-2-methylphenol	0.119	0.120	-0.8	105	0.00
66	c	n-Nitrosodiphenylamine	0.607	0.596	1.8	105	0.00
67		4-Bromophenyl-phenylether	0.220	0.213	3.2	104	0.00
68		Hexachlorobenzene	0.260	0.254	2.3	105	0.00
69		Atrazine	0.147	0.133	9.5	103	0.00
70	C	Pentachlorophenol	0.168	0.173	-3.0	103	0.00
71		Phenanthrene	1.093	1.048	4.1	102	0.00
72		Anthracene	1.064	1.047	1.6	104	0.01
73		Carbazole	1.026	1.018	0.8	103	0.01
74		Di-n-butylphthalate	1.218	1.245	-2.2	104	0.01
75	C	Fluoranthene	1.265	1.234	2.5	103	0.02
76	I	Chrysene-d12	1.000	1.000	0.0	101	0.01
77		Benzidine	0.219	0.217	0.9	85	0.01
78		Pyrene	1.243	1.230	1.0	103	0.01
79	S	Terphenyl-d14	0.969	0.951	1.9	102	0.01
80		Butylbenzylphthalate	0.513	0.523	-1.9	101	0.02
81		Benzo(a)anthracene	1.243	1.222	1.7	102	0.02
82		3,3'-Dichlorobenzidine	0.417	0.435	-4.3	103	0.02
83		Chrysene	1.195	1.154	3.4	101	0.01
84		Bis(2-ethylhexyl)phthalate	0.774	0.804	-3.9	103	0.02
85	c	Di-n-octyl phthalate	1.240	1.316	-6.1	105	0.02
86	I	Perylene-d12	1.000	1.000	0.0	104	0.01
87		Indeno(1,2,3-cd)pyrene	1.396	1.340	4.0	102	0.03
88		Benzo(b)fluoranthene	1.206	1.172	2.8	103	0.01
89		Benzo(k)fluoranthene	1.180	1.129	4.3	104	0.02
90	C	Benzo(a)pyrene	1.049	1.012	3.5	102	0.02
91		Dibenzo(a,h)anthracene	1.161	1.117	3.8	102	0.02
92		Benzo(g,h,i)perylene	1.180	1.124	4.7	101	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
Data File : BP024168.D
Acq On : 12 Mar 2025 21:43
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Quant Time: Mar 13 04:44:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 04:38:17 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\BP031225\
Data File : BP024168.D
Acq On : 12 Mar 2025 21:43
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Quant Time: Mar 13 04:44:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 04:38:17 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	104	0.00
2		1,4-Dioxane	40.000	37.880	5.3	105	0.00
3		Pyridine	40.000	38.718	3.2	105	0.00
4		n-Nitrosodimethylamine	40.000	38.646	3.4	106	0.00
5	S	2-Fluorophenol	80.000	78.230	2.2	106	0.00
6		Aniline	40.000	39.413	1.5	106	0.00
7	S	Phenol-d6	80.000	78.704	1.6	105	0.00
8		2-Chlorophenol	40.000	39.149	2.1	106	0.00
9		Benzaldehyde	40.000	40.389	-1.0	109	0.00
10	C	Phenol	40.000	38.869	2.8	105	0.00
11		bis(2-Chloroethyl)ether	40.000	38.203	4.5	104	0.00
12		1,3-Dichlorobenzene	40.000	38.353	4.1	105	0.00
13	C	1,4-Dichlorobenzene	40.000	37.960	5.1	104	0.00
14		1,2-Dichlorobenzene	40.000	38.116	4.7	105	0.00
15		Benzyl Alcohol	40.000	39.999	0.0	106	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	38.356	4.1	105	0.00
17		2-Methylphenol	40.000	39.636	0.9	106	0.00
18		Hexachloroethane	40.000	38.587	3.5	105	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	39.697	0.8	105	0.00
20		3+4-Methylphenols	40.000	39.629	0.9	105	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	106	0.00
22		Acetophenone	40.000	38.611	3.5	104	0.00
23	S	Nitrobenzene-d5	80.000	78.652	1.7	105	0.00
24		Nitrobenzene	40.000	39.045	2.4	106	0.00
25		Isophorone	40.000	39.677	0.8	106	0.00
26	C	2-Nitrophenol	40.000	41.892	-4.7	109	0.00
27		2,4-Dimethylphenol	40.000	39.779	0.6	105	0.00
28		bis(2-Chloroethoxy)methane	40.000	38.608	3.5	105	0.00
29	C	2,4-Dichlorophenol	40.000	40.558	-1.4	105	0.00
30		1,2,4-Trichlorobenzene	40.000	38.264	4.3	104	0.00
31		Naphthalene	40.000	38.223	4.4	104	0.00
32		Benzoic acid	40.000	43.618	-9.0	111	0.00
33		4-Chloroaniline	40.000	39.499	1.3	105	0.00
34	C	Hexachlorobutadiene	40.000	38.854	2.9	106	0.00
35		Caprolactam	40.000	40.859	-2.1	106	0.00
36	C	4-Chloro-3-methylphenol	40.000	39.702	0.7	105	0.00
37		2-Methylnaphthalene	40.000	38.762	3.1	105	0.00
38		1-Methylnaphthalene	40.000	38.874	2.8	107	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	104	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	38.988	2.5	105	0.00
41	P	Hexachlorocyclopentadiene	40.000	41.026	-2.6	105	0.00
42	S	2,4,6-Tribromophenol	80.000	81.766	-2.2	106	0.00
43	C	2,4,6-Trichlorophenol	40.000	40.950	-2.4	105	0.00
44		2,4,5-Trichlorophenol	40.000	40.985	-2.5	105	0.00
45	S	2-Fluorobiphenyl	80.000	77.885	2.6	104	0.00
46		1,1'-Biphenyl	40.000	38.846	2.9	104	0.00
47		2-Chloronaphthalene	40.000	39.006	2.5	105	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
Data File : BP024168.D
Acq On : 12 Mar 2025 21:43
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Quant Time: Mar 13 04:44:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 04:38:17 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	41.137	-2.8	106	0.00
49		Acenaphthylene	40.000	39.262	1.8	105	0.00
50		Dimethylphthalate	40.000	38.548	3.6	103	0.00
51		2,6-Dinitrotoluene	40.000	39.611	1.0	103	0.00
52	C	Acenaphthene	40.000	38.881	2.8	104	0.00
53		3-Nitroaniline	40.000	40.719	-1.8	104	0.00
54	P	2,4-Dinitrophenol	40.000	42.791	-7.0	108	0.00
55		Dibenzofuran	40.000	38.264	4.3	103	0.00
56	P	4-Nitrophenol	40.000	42.293	-5.7	105	0.00
57		2,4-Dinitrotoluene	40.000	41.106	-2.8	105	0.00
58		Fluorene	40.000	39.061	2.3	104	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	39.844	0.4	103	0.00
60		Diethylphthalate	40.000	38.539	3.7	103	0.00
61		4-Chlorophenyl-phenylether	40.000	38.572	3.6	103	0.00
62		4-Nitroaniline	40.000	41.253	-3.1	104	0.00
63		Azobenzene	40.000	39.347	1.6	104	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	105	0.00
65		4,6-Dinitro-2-methylphenol	40.000	40.442	-1.1	105	0.00
66	c	n-Nitrosodiphenylamine	40.000	39.234	1.9	105	0.00
67		4-Bromophenyl-phenylether	40.000	38.892	2.8	104	0.00
68		Hexachlorobenzene	40.000	39.073	2.3	105	0.00
69		Atrazine	40.000	36.287	9.3	103	0.00
70	C	Pentachlorophenol	40.000	41.161	-2.9	103	0.00
71		Phenanthrene	40.000	38.379	4.1	102	0.00
72		Anthracene	40.000	39.358	1.6	104	0.01
73		Carbazole	40.000	39.665	0.8	103	0.01
74		Di-n-butylphthalate	40.000	40.866	-2.2	104	0.01
75	C	Fluoranthene	40.000	39.006	2.5	103	0.02
76	I	Chrysene-d12	20.000	20.000	0.0	101	0.01
77		Benzidine	40.000	39.777	0.6	85	0.01
78		Pyrene	40.000	39.565	1.1	103	0.01
79	S	Terphenyl-d14	80.000	78.549	1.8	102	0.01
80		Butylbenzylphthalate	40.000	40.824	-2.1	101	0.02
81		Benzo(a)anthracene	40.000	39.318	1.7	102	0.02
82		3,3'-Dichlorobenzidine	40.000	41.750	-4.4	103	0.02
83		Chrysene	40.000	38.624	3.4	101	0.01
84		Bis(2-ethylhexyl)phthalate	40.000	41.569	-3.9	103	0.02
85	c	Di-n-octyl phthalate	40.000	42.452	-6.1	105	0.02
86	I	Perylene-d12	20.000	20.000	0.0	104	0.01
87		Indeno(1,2,3-cd)pyrene	40.000	38.387	4.0	102	0.03
88		Benzo(b)fluoranthene	40.000	38.891	2.8	103	0.01
89		Benzo(k)fluoranthene	40.000	38.280	4.3	104	0.02
90	C	Benzo(a)pyrene	40.000	38.607	3.5	102	0.02
91		Dibenzo(a,h)anthracene	40.000	38.474	3.8	102	0.02
92		Benzo(g,h,i)perylene	40.000	38.087	4.8	101	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
Data File : BP024168.D
Acq On : 12 Mar 2025 21:43
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
ICVBP031225

Quant Time: Mar 13 04:44:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 04:38:17 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

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: CHEMTECH Contract: ARDM01

Lab Code: CHEM Case No.: Q1583 SAS No.: Q1583 SDG No.: Q1583

Instrument ID: BNA_P Calibration Date/Time: 03/18/2025 09:46

Lab File ID: BP024179.D Init. Calib. Date(s): 03/12/2025 03/12/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 16:17 21:02

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
n-Nitrosodimethylamine	0.454	0.458		0.9	
2-Fluorophenol	1.253	1.217		-2.9	
Phenol-d6	1.675	1.667		-0.5	
Phenol	1.691	1.667		-1.4	20.0
bis(2-Chloroethyl)ether	1.334	1.303		-2.3	
2-Chlorophenol	1.353	1.312		-3.0	
2,2-oxybis(1-Chloropropane)	1.361	1.381		1.5	
n-Nitroso-di-n-propylamine	0.972	1.009	0.050	3.8	
Nitrobenzene-d5	0.354	0.354		0.0	
Hexachloroethane	0.529	0.513		-3.0	
Nitrobenzene	0.350	0.348		-0.6	
Isophorone	0.608	0.611		0.5	
2-Nitrophenol	0.167	0.167		0.0	20.0
2,4-Dimethylphenol	0.215	0.211		-1.9	
bis(2-Chloroethoxy)methane	0.427	0.426		-0.2	
2,4-Dichlorophenol	0.291	0.291		0.0	20.0
1,2,4-Trichlorobenzene	0.321	0.307		-4.4	
Naphthalene	1.060	1.026		-3.2	
Hexachlorobutadiene	0.185	0.177		-4.3	20.0
4-Chloro-3-methylphenol	0.313	0.322		2.9	20.0
Hexachlorocyclopentadiene	0.208	0.203	0.050	-2.4	
2,4,6-Trichlorophenol	0.367	0.359		-2.2	20.0
2-Fluorobiphenyl	1.356	1.320		-2.7	
2-Chloronaphthalene	1.130	1.087		-3.8	
Dimethylphthalate	1.399	1.368		-2.2	
Acenaphthylene	1.710	1.690		-1.2	
2,6-Dinitrotoluene	0.294	0.293		-0.3	
Acenaphthene	1.093	1.065		-2.6	20.0
2,4-Dinitrophenol	0.156	0.161	0.050	3.2	
4-Nitrophenol	0.266	0.281	0.050	5.6	
2,4-Dinitrotoluene	0.389	0.401		3.1	
Diethylphthalate	1.394	1.408		1.0	
4-Chlorophenyl-phenylether	0.676	0.671		-0.7	
Fluorene	1.379	1.385		0.4	
4,6-Dinitro-2-methylphenol	0.119	0.117		-1.7	
n-Nitrosodiphenylamine	0.607	0.600		-1.2	20.0
Azobenzene	1.314	1.353		3.0	
2,4,6-Tribromophenol	0.252	0.254		0.8	
4-Bromophenyl-phenylether	0.220	0.212		-3.6	

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: CHEMTECH Contract: ARDM01

Lab Code: CHEM Case No.: Q1583 SAS No.: Q1583 SDG No.: Q1583

Instrument ID: BNA_P Calibration Date/Time: 03/18/2025 09:46

Lab File ID: BP024179.D Init. Calib. Date(s): 03/12/2025 03/12/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 16:17 21:02

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Hexachlorobenzene	0.260	0.250		-3.8	
Pentachlorophenol	0.168	0.172		2.4	20.0
Phenanthrene	1.093	1.063		-2.7	
Anthracene	1.064	1.047		-1.6	
Di-n-butylphthalate	1.218	1.253		2.9	
Fluoranthene	1.265	1.284		1.5	20.0
Benzidine	0.219	0.345		57.5	
Pyrene	1.243	1.202		-3.3	
Terphenyl-d14	0.969	0.961		-0.8	
Butylbenzylphthalate	0.513	0.508		-1.0	
3,3-Dichlorobenzidine	0.417	0.422		1.2	
Benzo(a)anthracene	1.243	1.219		-1.9	
Chrysene	1.195	1.150		-3.8	
Bis(2-ethylhexyl)phthalate	0.774	0.793		2.5	
Di-n-octyl phthalate	1.240	1.245		0.4	20.0
Benzo(b)fluoranthene	1.206	1.185		-1.7	
Benzo(k)fluoranthene	1.180	1.161		-1.6	
Benzo(a)pyrene	1.049	1.027		-2.1	20.0
Indeno(1,2,3-cd)pyrene	1.396	1.357		-2.8	
Dibenzo(a,h)anthracene	1.161	1.123		-3.3	
Benzo(g,h,i)perylene	1.180	1.148		-2.7	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031825\
Data File : BP024179.D
Acq On : 18 Mar 2025 09:46
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Mar 18 11:07:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	345886	20.000	ng	0.00
21) Naphthalene-d8	10.546	136	1431681	20.000	ng	0.00
39) Acenaphthene-d10	14.398	164	884889	20.000	ng	0.00
64) Phenanthrene-d10	17.210	188	1703415	20.000	ng	0.00
76) Chrysene-d12	21.663	240	1890510	20.000	ng	0.00
86) Perylene-d12	25.068	264	2037052	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	1684007	77.718	ng	0.00
7) Phenol-d6	6.946	99	2306130	79.587	ng	0.00
23) Nitrobenzene-d5	8.916	82	2024575	79.786	ng	0.00
42) 2,4,6-Tribromophenol	15.922	330	900293	80.771	ng	0.00
45) 2-Fluorobiphenyl	13.016	172	4673436	77.875	ng	0.00
79) Terphenyl-d14	19.945	244	7265750	79.334	ng	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.317	88	330202	38.444	ng	98
3) Pyridine	3.711	79	934647	39.805	ng	98
4) n-Nitrosodimethylamine	3.617	42	317162	40.436	ng	95
6) Aniline	7.105	93	1062032	40.229	ng	98
8) 2-Chlorophenol	7.340	128	907280	38.764	ng	99
9) Benzaldehyde	6.916	77	467306	33.419	ng	97
10) Phenol	6.975	94	1153195	39.423	ng	100
11) bis(2-Chloroethyl)ether	7.193	93	901291	39.071	ng	98
12) 1,3-Dichlorobenzene	7.657	146	973406	38.567	ng	99
13) 1,4-Dichlorobenzene	7.799	146	987859	38.333	ng	98
14) 1,2-Dichlorobenzene	8.116	146	947345	38.308	ng	100
15) Benzyl Alcohol	8.005	79	737493	40.202	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.287	45	954998	40.563	ng	97
17) 2-Methylphenol	8.210	107	731525	39.881	ng	99
18) Hexachloroethane	8.840	117	355129	38.843	ng	99
19) n-Nitroso-di-n-propyla...	8.569	70	697909	41.517	ng	99
20) 3+4-Methylphenols	8.534	107	1007784	39.991	ng	99
22) Acetophenone	8.581	105	1428762	39.473	ng	99
24) Nitrobenzene	8.957	77	995161	39.755	ng	99
25) Isophorone	9.481	82	1748490	40.198	ng	100
26) 2-Nitrophenol	9.663	139	476963	39.890	ng	98
27) 2,4-Dimethylphenol	9.728	122	605571	39.386	ng	98
28) bis(2-Chloroethoxy)met...	9.957	93	1219055	39.838	ng	99
29) 2,4-Dichlorophenol	10.199	162	832852	40.042	ng	99
30) 1,2,4-Trichlorobenzene	10.410	180	878875	38.246	ng	100
31) Naphthalene	10.593	128	2938614	38.721	ng	100
32) Benzoic acid	9.869	122	599657	39.990	ng	98
33) 4-Chloroaniline	10.710	127	1095344	40.331	ng	100
34) Hexachlorobutadiene	10.881	225	506933	38.331	ng	99
35) Caprolactam	11.493	113	287697	42.205	ng	97
36) 4-Chloro-3-methylphenol	11.834	107	923366	41.152	ng	99
37) 2-Methylnaphthalene	12.210	142	2043085	39.849	ng	100
38) 1-Methylnaphthalene	12.428	142	1973244	39.570	ng	99
40) 1,2,4,5-Tetrachloroben...	12.581	216	970315	37.933	ng	100
41) Hexachlorocyclopentadiene	12.563	237	358938	38.928	ng	99
43) 2,4,6-Trichlorophenol	12.822	196	636076	39.128	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031825\
Data File : BP024179.D
Acq On : 18 Mar 2025 09:46
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Mar 18 11:07:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 2025
Response via : Initial Calibration

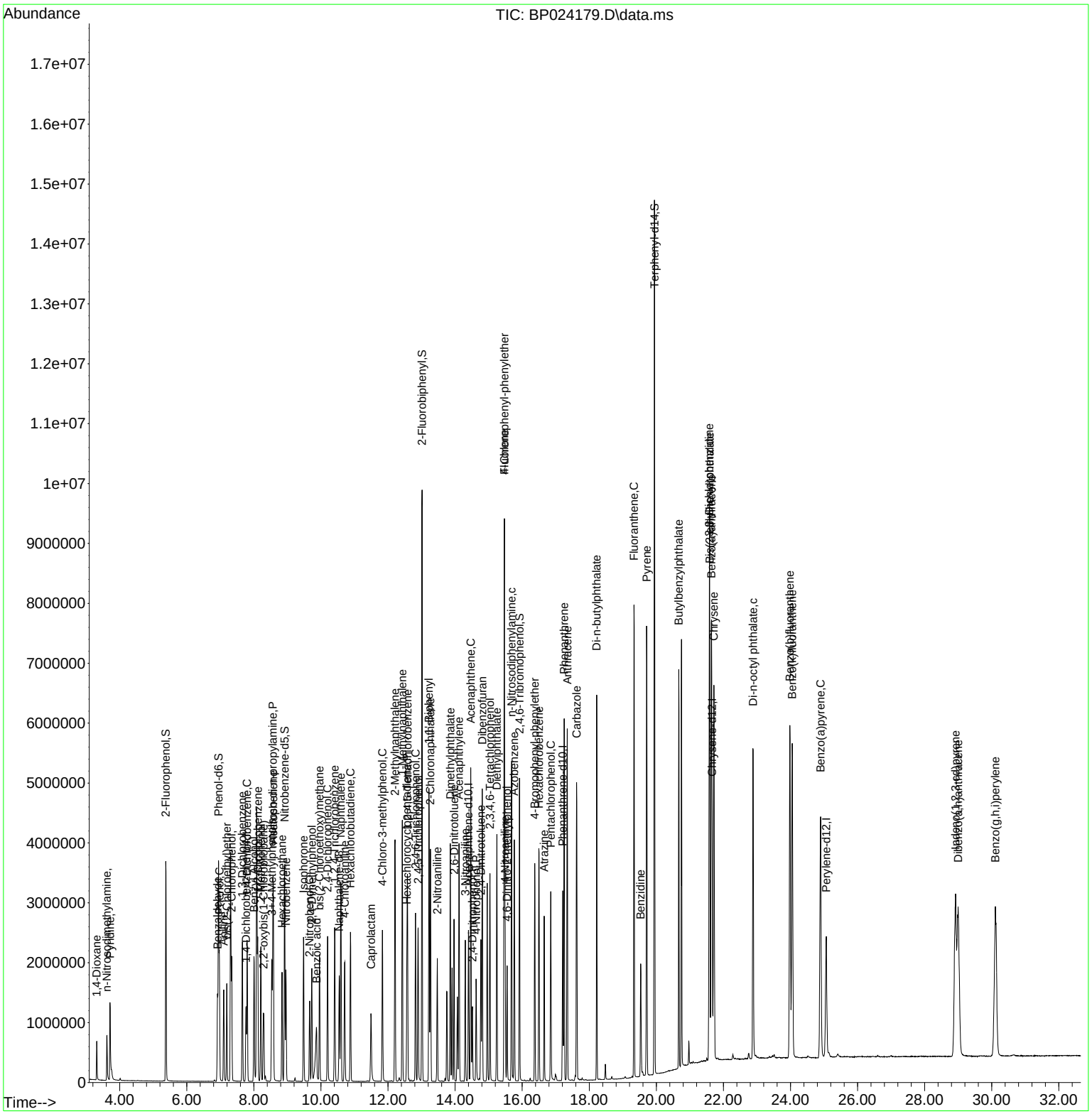
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.898	196	712074	39.942	ng	99
46) 1,1'-Biphenyl	13.222	154	2577343	38.760	ng	99
47) 2-Chloronaphthalene	13.263	162	1924571	38.479	ng	99
48) 2-Nitroaniline	13.469	65	532768	41.647	ng	95
49) Acenaphthylene	14.116	152	2990433	39.514	ng	100
50) Dimethylphthalate	13.857	163	2420348	39.090	ng	100
51) 2,6-Dinitrotoluene	13.969	165	518178	39.775	ng	95
52) Acenaphthene	14.469	154	1885077	38.985	ng	100
53) 3-Nitroaniline	14.304	138	585180	41.588	ng	96
54) 2,4-Dinitrophenol	14.516	184	285779	41.457	ng	94
55) Dibenzofuran	14.810	168	3081319	39.341	ng	100
56) 4-Nitrophenol	14.628	139	496832	42.258	ng	96
57) 2,4-Dinitrotoluene	14.769	165	708957	41.199	ng	98
58) Fluorene	15.469	166	2450487	40.155	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.039	232	625401	39.705	ng	99
60) Diethylphthalate	15.245	149	2492057	40.417	ng	99
61) 4-Chlorophenyl-phenyle...	15.469	204	1186961	39.656	ng	99
62) 4-Nitroaniline	15.492	138	622117	42.156	ng	99
63) Azobenzene	15.763	77	2394485	41.202	ng	98
65) 4,6-Dinitro-2-methylph...	15.551	198	398060	39.363	ng	99
66) n-Nitrosodiphenylamine	15.686	169	2043640	39.508	ng	99
67) 4-Bromophenyl-phenylether	16.375	248	720854	38.544	ng	98
68) Hexachlorobenzene	16.504	284	853222	38.545	ng	97
69) Atrazine	16.657	200	447764	35.864	ng	99
70) Pentachlorophenol	16.851	266	586080	40.942	ng	100
71) Phenanthrene	17.251	178	3622819	38.931	ng	100
72) Anthracene	17.345	178	3565540	39.340	ng	100
73) Carbazole	17.622	167	3515758	40.224	ng	100
74) Di-n-butylphthalate	18.222	149	4268189	41.136	ng	100
75) Fluoranthene	19.333	202	4375962	40.602	ng	99
77) Benzidine	19.533	184	1304135	63.094	ng	100
78) Pyrene	19.710	202	4545700	38.676	ng	100
80) Butylbenzylphthalate	20.669	149	1920845	39.631	ng	97
81) Benzo(a)anthracene	21.639	228	4608321	39.207	ng	99
82) 3,3'-Dichlorobenzidine	21.580	252	1596696	40.532	ng	99
83) Chrysene	21.716	228	4346749	38.470	ng	99
84) Bis(2-ethylhexyl)phtha...	21.592	149	2996619	40.975	ng	99
85) Di-n-octyl phthalate	22.886	149	4707992	40.179	ng	99
87) Indeno(1,2,3-cd)pyrene	28.921	276	5528343	38.885	ng	99
88) Benzo(b)fluoranthene	23.980	252	4829147	39.318	ng	99
89) Benzo(k)fluoranthene	24.051	252	4728060	39.354	ng	100
90) Benzo(a)pyrene	24.898	252	4184370	39.179	ng	99
91) Dibenzo(a,h)anthracene	28.998	278	4575949	38.688	ng	99
92) Benzo(g,h,i)perylene	30.109	276	4677397	38.902	ng	100

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031825\
Data File : BP024179.D
Acq On : 18 Mar 2025 09:46
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Mar 18 11:07:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 2025
Response via : Initial Calibration



Sample Results: **BP024179.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031825\
Data File : BP024179.D
Acq On : 18 Mar 2025 09:46
Operator : RC/JU
Sample : SSTDCCC040
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ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Mar 18 11:07:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 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	90	0.00
2		1,4-Dioxane	0.497	0.477	4.0	92	0.00
3		Pyridine	1.358	1.351	0.5	93	0.00
4		n-Nitrosodimethylamine	0.454	0.458	-0.9	96	0.00
5	S	2-Fluorophenol	1.253	1.217	2.9	91	0.00
6		Aniline	1.527	1.535	-0.5	93	0.00
7	S	Phenol-d6	1.675	1.667	0.5	92	0.00
8		2-Chlorophenol	1.353	1.312	3.0	91	0.00
9		Benzaldehyde	0.809	0.676	16.4	78	0.00
10	C	Phenol	1.691	1.667	1.4	92	0.00
11		bis(2-Chloroethyl)ether	1.334	1.303	2.3	92	0.00
12		1,3-Dichlorobenzene	1.459	1.407	3.6	92	0.00
13	C	1,4-Dichlorobenzene	1.490	1.428	4.2	91	-0.01
14		1,2-Dichlorobenzene	1.430	1.369	4.3	91	0.00
15		Benzyl Alcohol	1.061	1.066	-0.5	92	0.00
16		2,2'-oxybis(1-Chloropropane	1.361	1.381	-1.5	96	-0.02
17		2-Methylphenol	1.061	1.057	0.4	92	0.00
18		Hexachloroethane	0.529	0.513	3.0	91	0.00
19	P	n-Nitroso-di-n-propylamine	0.972	1.009	-3.8	95	0.00
20		3+4-Methylphenols	1.457	1.457	0.0	92	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	93	0.00
22		Acetophenone	0.506	0.499	1.4	94	0.00
23	S	Nitrobenzene-d5	0.354	0.354	0.0	94	0.00
24		Nitrobenzene	0.350	0.348	0.6	95	0.00
25		Isophorone	0.608	0.611	-0.5	94	0.00
26	C	2-Nitrophenol	0.167	0.167	0.0	91	0.00
27		2,4-Dimethylphenol	0.215	0.211	1.9	92	0.00
28		bis(2-Chloroethoxy)methane	0.427	0.426	0.2	95	0.00
29	C	2,4-Dichlorophenol	0.291	0.291	0.0	91	0.00
30		1,2,4-Trichlorobenzene	0.321	0.307	4.4	91	0.00
31		Naphthalene	1.060	1.026	3.2	93	-0.01
32		Benzoic acid	0.209	0.209	0.0	89	0.00
33		4-Chloroaniline	0.379	0.383	-1.1	94	0.00
34	C	Hexachlorobutadiene	0.185	0.177	4.3	92	-0.01
35		Caprolactam	0.095	0.100	-5.3	96	0.00
36	C	4-Chloro-3-methylphenol	0.313	0.322	-2.9	96	0.00
37		2-Methylnaphthalene	0.716	0.714	0.3	94	0.00
38		1-Methylnaphthalene	0.697	0.689	1.1	95	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	95	0.00
40		1,2,4,5-Tetrachlorobenzene	0.578	0.548	5.2	93	0.00
41	P	Hexachlorocyclopentadiene	0.208	0.203	2.4	91	0.00
42	S	2,4,6-Tribromophenol	0.252	0.254	-0.8	96	0.00
43	C	2,4,6-Trichlorophenol	0.367	0.359	2.2	92	0.00
44		2,4,5-Trichlorophenol	0.403	0.402	0.2	94	0.00
45	S	2-Fluorobiphenyl	1.356	1.320	2.7	95	0.00
46		1,1'-Biphenyl	1.503	1.456	3.1	95	0.00
47		2-Chloronaphthalene	1.130	1.087	3.8	94	0.00

Sample Results: **BP024179.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031825\
Data File : BP024179.D
Acq On : 18 Mar 2025 09:46
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Mar 18 11:07:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 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	0.289	0.301	-4.2	98	0.00
49		Acenaphthylene	1.710	1.690	1.2	97	-0.01
50		Dimethylphthalate	1.399	1.368	2.2	96	0.00
51		2,6-Dinitrotoluene	0.294	0.293	0.3	95	0.00
52	C	Acenaphthene	1.093	1.065	2.6	95	0.00
53		3-Nitroaniline	0.318	0.331	-4.1	98	0.00
54	P	2,4-Dinitrophenol	0.156	0.161	-3.2	96	0.00
55		Dibenzofuran	1.770	1.741	1.6	97	0.00
56	P	4-Nitrophenol	0.266	0.281	-5.6	96	0.00
57		2,4-Dinitrotoluene	0.389	0.401	-3.1	97	0.00
58		Fluorene	1.379	1.385	-0.4	98	0.00
59		2,3,4,6-Tetrachlorophenol	0.356	0.353	0.8	94	0.00
60		Diethylphthalate	1.394	1.408	-1.0	99	0.00
61		4-Chlorophenyl-phenylether	0.676	0.671	0.7	97	0.00
62		4-Nitroaniline	0.334	0.352	-5.4	97	0.00
63		Azobenzene	1.314	1.353	-3.0	100	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	99	0.00
65		4,6-Dinitro-2-methylphenol	0.119	0.117	1.7	97	0.00
66	c	n-Nitrosodiphenylamine	0.607	0.600	1.2	99	0.00
67		4-Bromophenyl-phenylether	0.220	0.212	3.6	97	0.00
68		Hexachlorobenzene	0.260	0.250	3.8	98	0.01
69		Atrazine	0.147	0.131	10.9	96	0.00
70	C	Pentachlorophenol	0.168	0.172	-2.4	96	0.00
71		Phenanthrene	1.093	1.063	2.7	97	0.00
72		Anthracene	1.064	1.047	1.6	97	0.00
73		Carbazole	1.026	1.032	-0.6	98	0.00
74		Di-n-butylphthalate	1.218	1.253	-2.9	98	0.01
75	C	Fluoranthene	1.265	1.284	-1.5	101	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	100	0.00
77		Benzidine	0.219	0.345	-57.5#	135	0.01
78		Pyrene	1.243	1.202	3.3	100	0.00
79	S	Terphenyl-d14	0.969	0.961	0.8	102	0.02
80		Butylbenzylphthalate	0.513	0.508	1.0	97	0.02
81		Benzo(a)anthracene	1.243	1.219	1.9	101	0.00
82		3,3'-Dichlorobenzidine	0.417	0.422	-1.2	99	0.03
83		Chrysene	1.195	1.150	3.8	100	0.01
84		Bis(2-ethylhexyl)phthalate	0.774	0.793	-2.5	101	0.02
85	c	Di-n-octyl phthalate	1.240	1.245	-0.4	98	0.02
86	I	Perylene-d12	1.000	1.000	0.0	100	0.01
87		Indeno(1,2,3-cd)pyrene	1.396	1.357	2.8	99	0.00
88		Benzo(b)fluoranthene	1.206	1.185	1.7	99	0.00
89		Benzo(k)fluoranthene	1.180	1.161	1.6	102	0.00
90	C	Benzo(a)pyrene	1.049	1.027	2.1	100	0.00
91		Dibenzo(a,h)anthracene	1.161	1.123	3.3	98	-0.01
92		Benzo(g,h,i)perylene	1.180	1.148	2.7	99	-0.02

Sample Results: **BP024179.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031825\
Data File : BP024179.D
Acq On : 18 Mar 2025 09:46
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Mar 18 11:07:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 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: **BP024179.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031825\
Data File : BP024179.D
Acq On : 18 Mar 2025 09:46
Operator : RC/JU
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Instrument :
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Response via : Initial Calibration

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

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	1,4-Dichlorobenzene-d4	20.000	20.000	0.0	90	0.00
2		1,4-Dioxane	40.000	38.444	3.9	92	0.00
3		Pyridine	40.000	39.805	0.5	93	0.00
4		n-Nitrosodimethylamine	40.000	40.436	-1.1	96	0.00
5	S	2-Fluorophenol	80.000	77.718	2.9	91	0.00
6		Aniline	40.000	40.229	-0.6	93	0.00
7	S	Phenol-d6	80.000	79.587	0.5	92	0.00
8		2-Chlorophenol	40.000	38.764	3.1	91	0.00
9		Benzaldehyde	40.000	33.419	16.5	78	0.00
10	C	Phenol	40.000	39.423	1.4	92	0.00
11		bis(2-Chloroethyl)ether	40.000	39.071	2.3	92	0.00
12		1,3-Dichlorobenzene	40.000	38.567	3.6	92	0.00
13	C	1,4-Dichlorobenzene	40.000	38.333	4.2	91	-0.01
14		1,2-Dichlorobenzene	40.000	38.308	4.2	91	0.00
15		Benzyl Alcohol	40.000	40.202	-0.5	92	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	40.563	-1.4	96	-0.02
17		2-Methylphenol	40.000	39.881	0.3	92	0.00
18		Hexachloroethane	40.000	38.843	2.9	91	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	41.517	-3.8	95	0.00
20		3+4-Methylphenols	40.000	39.991	0.0	92	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	93	0.00
22		Acetophenone	40.000	39.473	1.3	94	0.00
23	S	Nitrobenzene-d5	80.000	79.786	0.3	94	0.00
24		Nitrobenzene	40.000	39.755	0.6	95	0.00
25		Isophorone	40.000	40.198	-0.5	94	0.00
26	C	2-Nitrophenol	40.000	39.890	0.3	91	0.00
27		2,4-Dimethylphenol	40.000	39.386	1.5	92	0.00
28		bis(2-Chloroethoxy)methane	40.000	39.838	0.4	95	0.00
29	C	2,4-Dichlorophenol	40.000	40.042	-0.1	91	0.00
30		1,2,4-Trichlorobenzene	40.000	38.246	4.4	91	0.00
31		Naphthalene	40.000	38.721	3.2	93	-0.01
32		Benzoic acid	40.000	39.990	0.0	89	0.00
33		4-Chloroaniline	40.000	40.331	-0.8	94	0.00
34	C	Hexachlorobutadiene	40.000	38.331	4.2	92	-0.01
35		Caprolactam	40.000	42.205	-5.5	96	0.00
36	C	4-Chloro-3-methylphenol	40.000	41.152	-2.9	96	0.00
37		2-Methylnaphthalene	40.000	39.849	0.4	94	0.00
38		1-Methylnaphthalene	40.000	39.570	1.1	95	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	95	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	37.933	5.2	93	0.00
41	P	Hexachlorocyclopentadiene	40.000	38.928	2.7	91	0.00
42	S	2,4,6-Tribromophenol	80.000	80.771	-1.0	96	0.00
43	C	2,4,6-Trichlorophenol	40.000	39.128	2.2	92	0.00
44		2,4,5-Trichlorophenol	40.000	39.942	0.1	94	0.00
45	S	2-Fluorobiphenyl	80.000	77.875	2.7	95	0.00
46		1,1'-Biphenyl	40.000	38.760	3.1	95	0.00
47		2-Chloronaphthalene	40.000	38.479	3.8	94	0.00

Sample Results: **BP024179.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031825\
Data File : BP024179.D
Acq On : 18 Mar 2025 09:46
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Mar 18 11:07:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 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	41.647	-4.1	98	0.00
49		Acenaphthylene	40.000	39.514	1.2	97	-0.01
50		Dimethylphthalate	40.000	39.090	2.3	96	0.00
51		2,6-Dinitrotoluene	40.000	39.775	0.6	95	0.00
52	C	Acenaphthene	40.000	38.985	2.5	95	0.00
53		3-Nitroaniline	40.000	41.588	-4.0	98	0.00
54	P	2,4-Dinitrophenol	40.000	41.457	-3.6	96	0.00
55		Dibenzofuran	40.000	39.341	1.6	97	0.00
56	P	4-Nitrophenol	40.000	42.258	-5.6	96	0.00
57		2,4-Dinitrotoluene	40.000	41.199	-3.0	97	0.00
58		Fluorene	40.000	40.155	-0.4	98	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	39.705	0.7	94	0.00
60		Diethylphthalate	40.000	40.417	-1.0	99	0.00
61		4-Chlorophenyl-phenylether	40.000	39.656	0.9	97	0.00
62		4-Nitroaniline	40.000	42.156	-5.4	97	0.00
63		Azobenzene	40.000	41.202	-3.0	100	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	99	0.00
65		4,6-Dinitro-2-methylphenol	40.000	39.363	1.6	97	0.00
66	c	n-Nitrosodiphenylamine	40.000	39.508	1.2	99	0.00
67		4-Bromophenyl-phenylether	40.000	38.544	3.6	97	0.00
68		Hexachlorobenzene	40.000	38.545	3.6	98	0.01
69		Atrazine	40.000	35.864	10.3	96	0.00
70	C	Pentachlorophenol	40.000	40.942	-2.4	96	0.00
71		Phenanthrene	40.000	38.931	2.7	97	0.00
72		Anthracene	40.000	39.340	1.6	97	0.00
73		Carbazole	40.000	40.224	-0.6	98	0.00
74		Di-n-butylphthalate	40.000	41.136	-2.8	98	0.01
75	C	Fluoranthene	40.000	40.602	-1.5	101	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	100	0.00
77		Benzidine	40.000	63.094	-57.7#	135	0.01
78		Pyrene	40.000	38.676	3.3	100	0.00
79	S	Terphenyl-d14	80.000	79.334	0.8	102	0.02
80		Butylbenzylphthalate	40.000	39.631	0.9	97	0.02
81		Benzo(a)anthracene	40.000	39.207	2.0	101	0.00
82		3,3'-Dichlorobenzidine	40.000	40.532	-1.3	99	0.03
83		Chrysene	40.000	38.470	3.8	100	0.01
84		Bis(2-ethylhexyl)phthalate	40.000	40.975	-2.4	101	0.02
85	c	Di-n-octyl phthalate	40.000	40.179	-0.4	98	0.02
86	I	Perylene-d12	20.000	20.000	0.0	100	0.01
87		Indeno(1,2,3-cd)pyrene	40.000	38.885	2.8	99	0.00
88		Benzo(b)fluoranthene	40.000	39.318	1.7	99	0.00
89		Benzo(k)fluoranthene	40.000	39.354	1.6	102	0.00
90	C	Benzo(a)pyrene	40.000	39.179	2.1	100	0.00
91		Dibenzo(a,h)anthracene	40.000	38.688	3.3	98	-0.01
92		Benzo(g,h,i)perylene	40.000	38.902	2.7	99	-0.02

Sample Results: **BP024179.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031825\
Data File : BP024179.D
Acq On : 18 Mar 2025 09:46
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
LabSampleId :
SSTDCCC040

Quant Time: Mar 18 11:07:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 2025
Response via : Initial Calibration

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

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

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

QC SAMPLE DATA

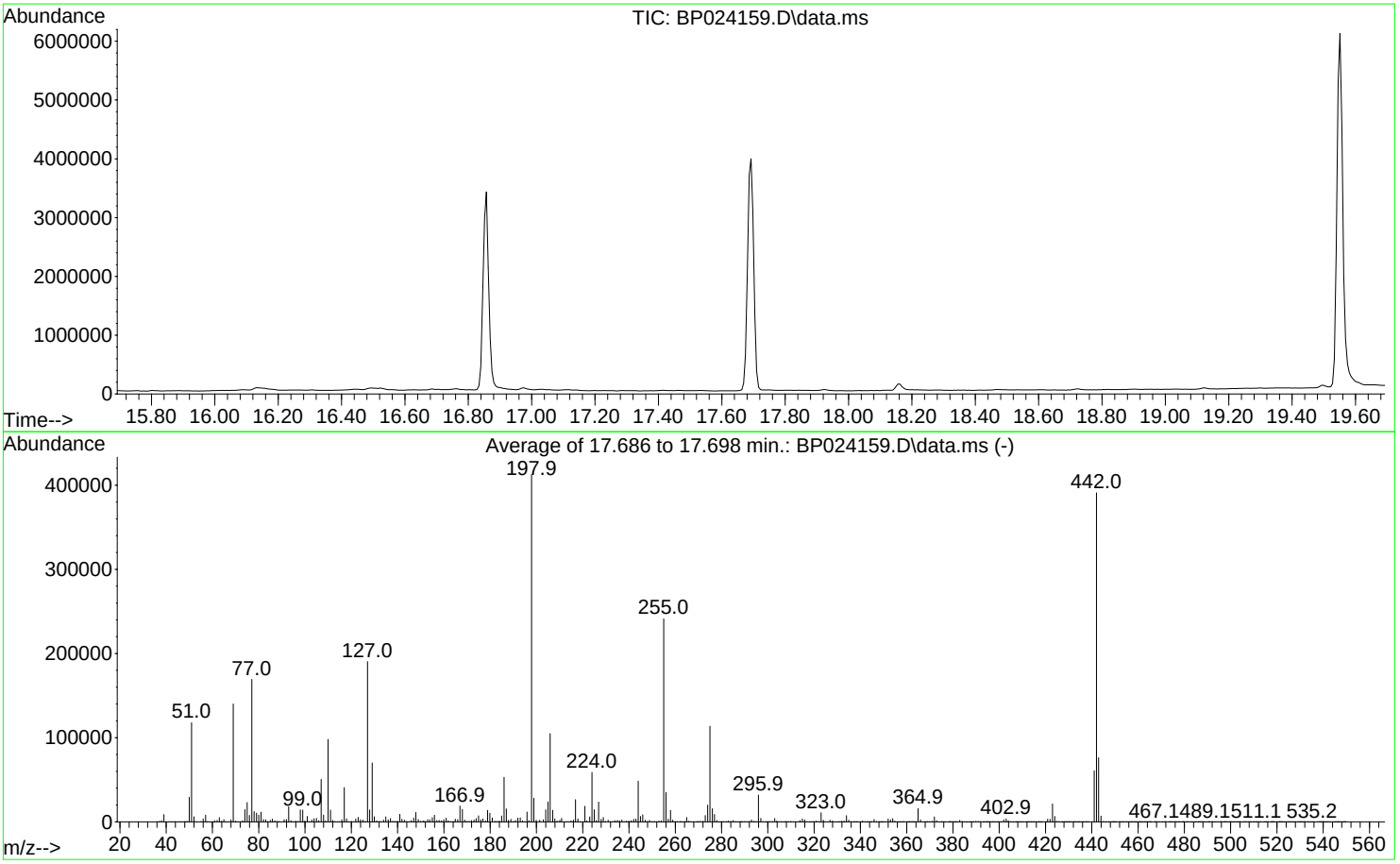
Sample Results: **BP024159.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
Data File : BP024159.D
Acq On : 12 Mar 2025 15:36
Operator : RC/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-BP031225.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Mar 13 05:55:58 2025



AutoFind: Scans 2482, 2483, 2484; Background Corrected with Scan 2472

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	28.5	117822	PASS
68	69	0.00	2	1.6	2280	PASS
69	198	0.00	100	33.9	139938	PASS
70	69	0.00	2	0.6	822	PASS
127	198	10	80	46.1	190399	PASS
197	198	0.00	2	0.4	1468	PASS
198	198	100	100	100.0	412716	PASS
199	198	5	9	6.8	28114	PASS
275	198	10	60	27.5	113624	PASS
365	198	1	100	3.8	15804	PASS
441	198	0.01	100	14.7	60679	PASS
442	442	100	100	100.0	391061	PASS
443	442	15	24	19.5	76081	PASS

DDT Breakdown

Date	Instrument Name	DFTPP Data File
3/12/2025	BNA_P	BP024159.D
Compound Name	**Response**	**Retention Time**
DDT	1535436	20.851
DDD	16722	20.439
DDE	443	19.827
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
17165	1552601	1.11

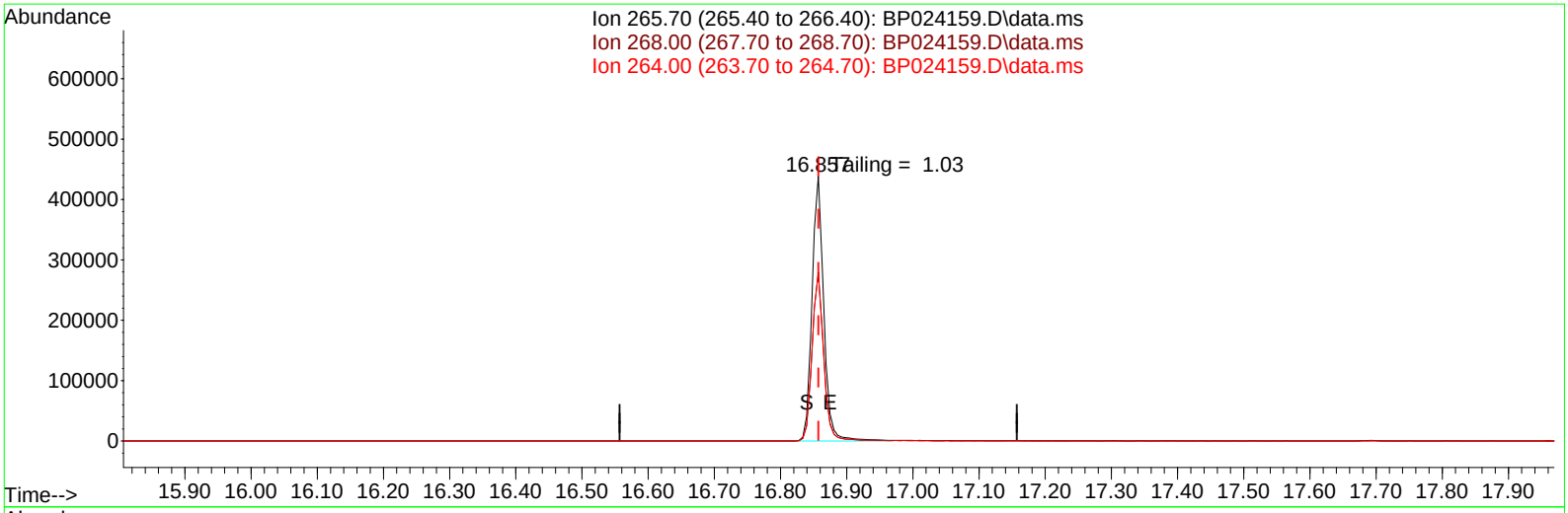
Instrument :
BNA_P
ClientSampleId :
DFTPP

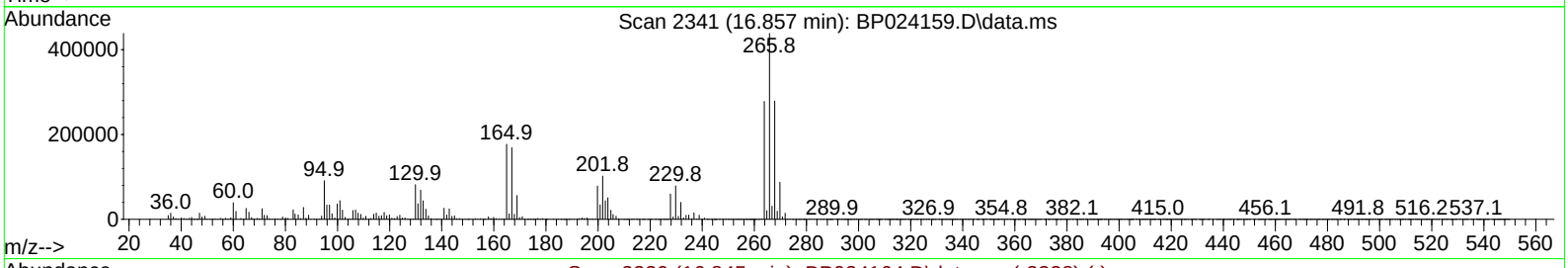
Sample Results: **BP024159.D**

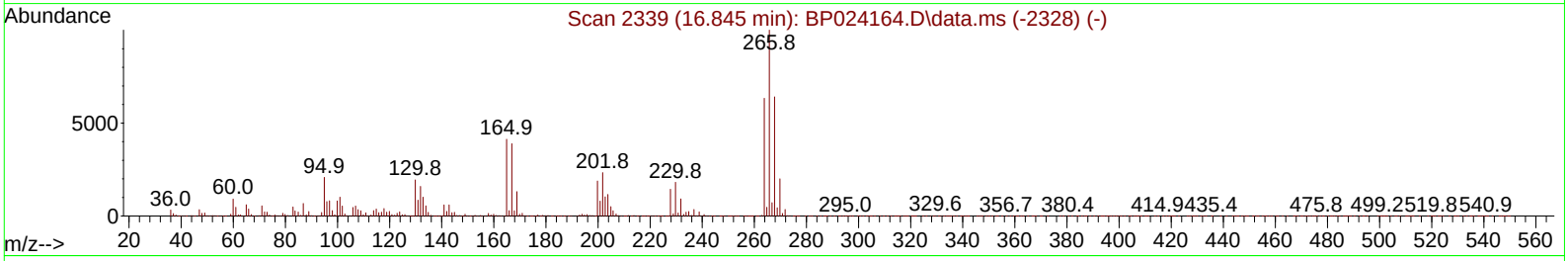
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
Data File : BP024159.D
Acq On : 12 Mar 2025 15:36
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Mar 13 05:56:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 2025
Response via : Initial Calibration







TIC: BP024159.D\data.ms

(70) Pentachlorophenol (C)

16.857min (0.000) 4607317.61 ng

response 542052

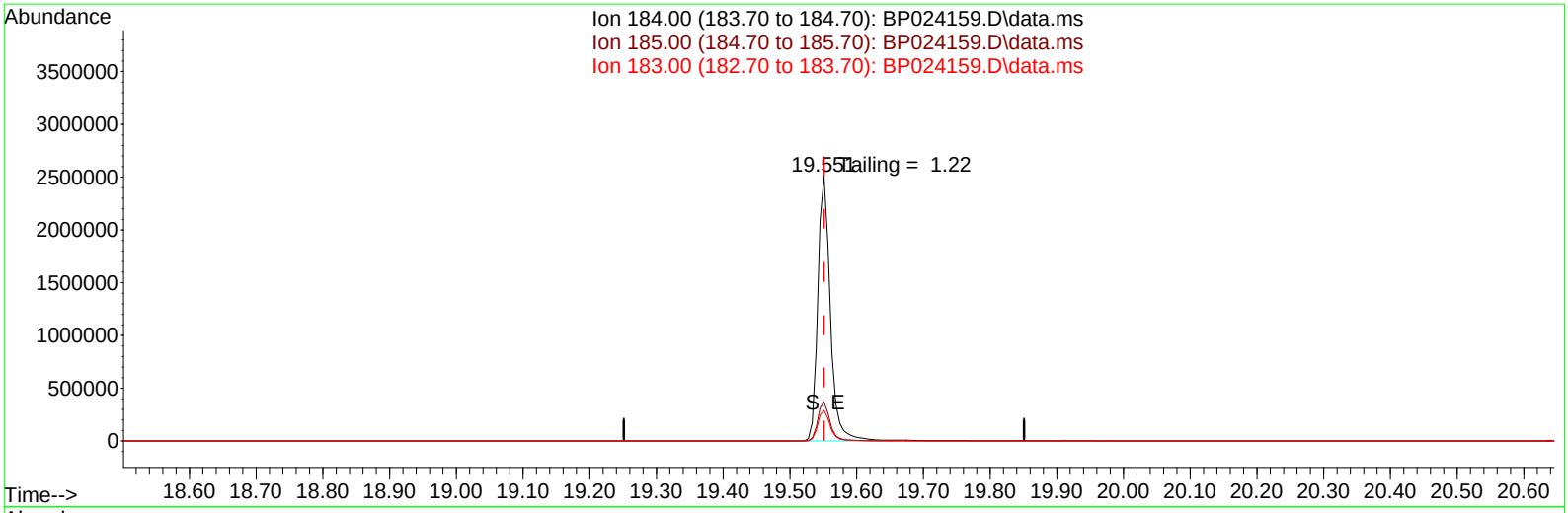
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	64.10	63.56
264.00	63.30	63.37
0.00	0.00	0.00

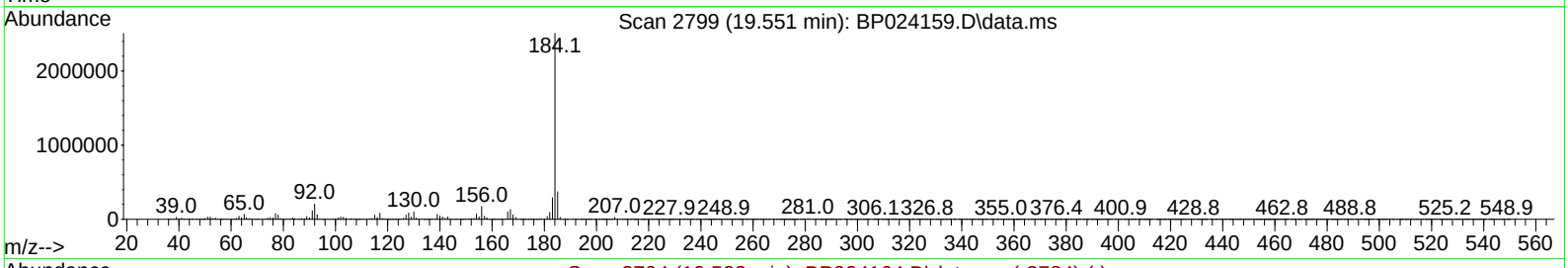
Sample Results: **BP024159.D**

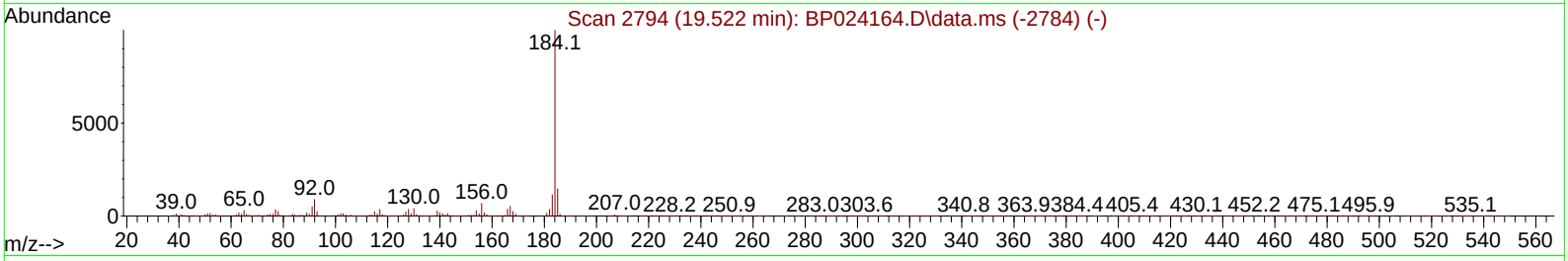
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031225\
Data File : BP024159.D
Acq On : 12 Mar 2025 15:36
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Mar 13 05:56:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 2025
Response via : Initial Calibration







TIC: BP024159.D\data.ms

(77) Benzidine

19.551min (0.000) 3117449.49 ng

response 3272103

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.70	14.81
183.00	11.40	11.59
0.00	0.00	0.00

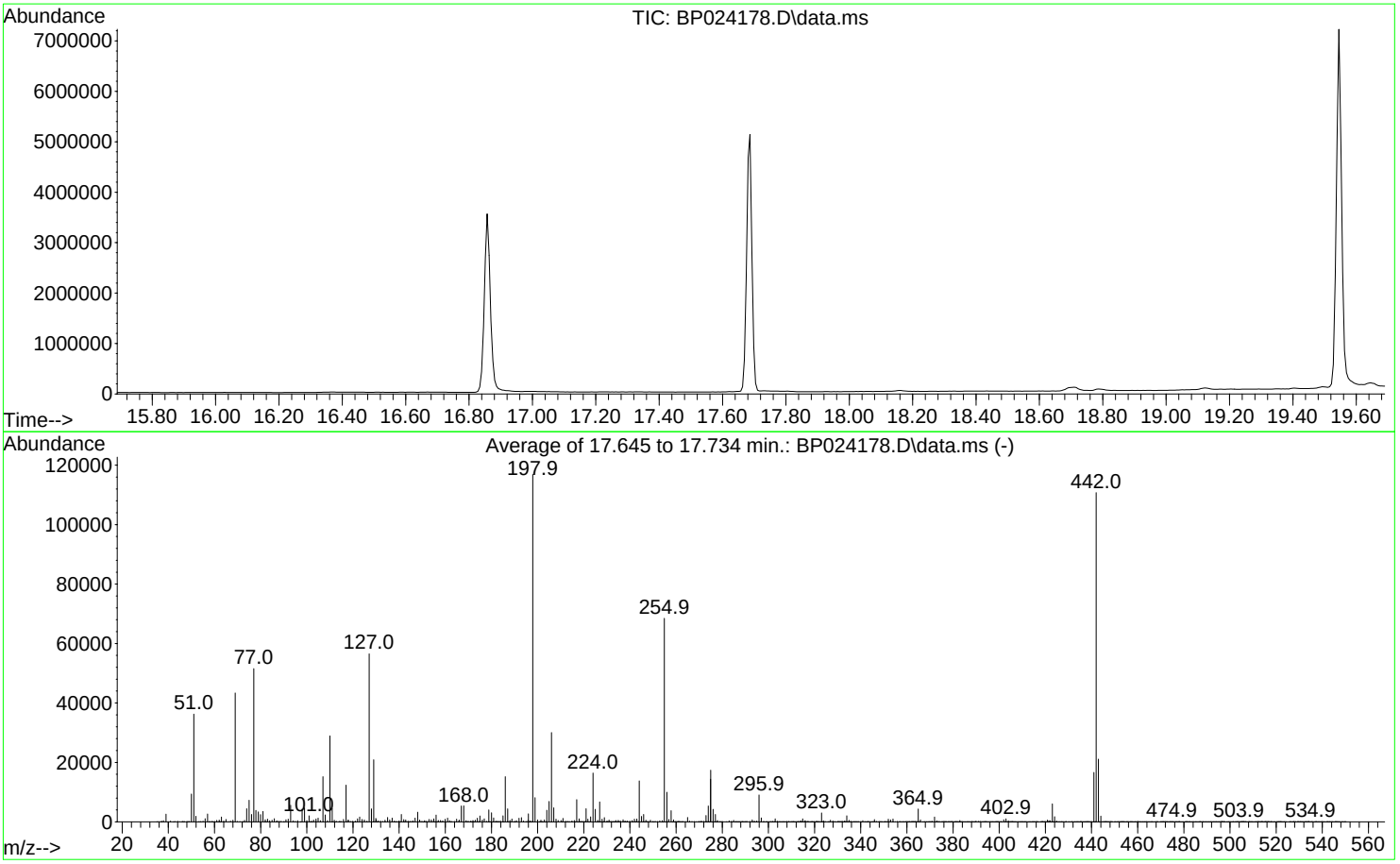
Sample Results: **BP024178.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031825\
Data File : BP024178.D
Acq On : 18 Mar 2025 09:05
Operator : RC/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\625.1-Tune.M
Title : D
Last Update : Wed Oct 07 11:38:17 2020



AutoFind: Averaged scan 2475 to 2490; Bkg corrected with scan 2474

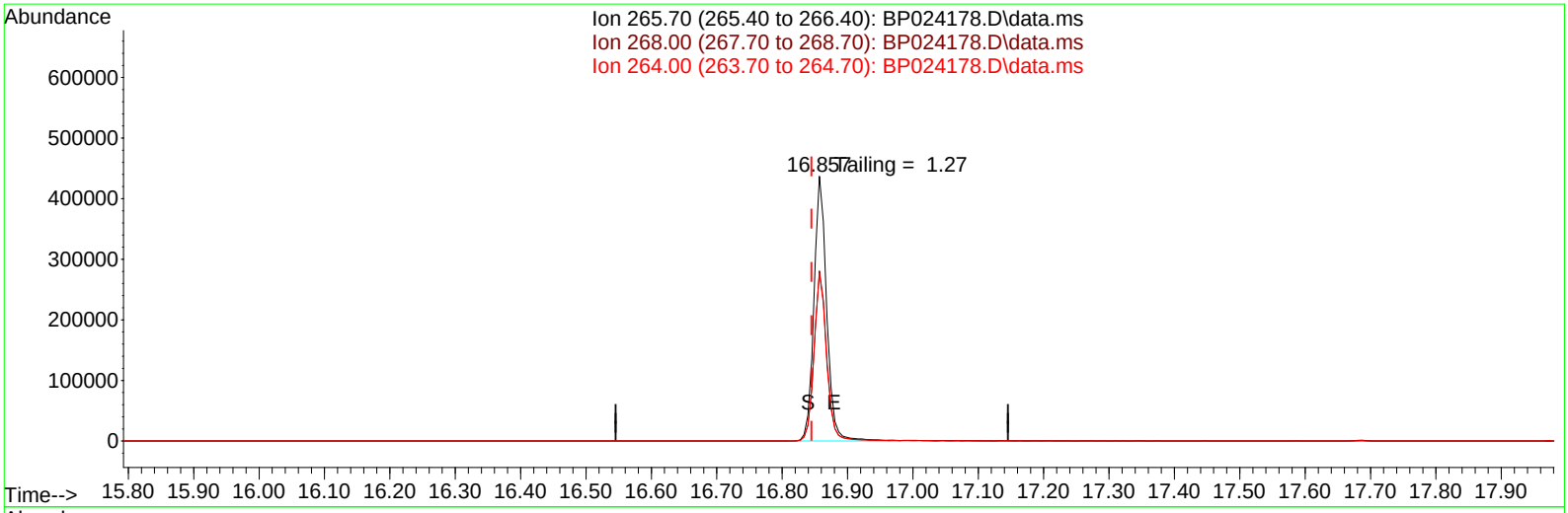
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	30	60	31.0	36256	PASS
68	69	0.00	2	1.3	585	PASS
69	69	100	100	100.0	43346	PASS
70	69	0.00	2	0.4	167	PASS
127	198	40	60	48.4	56551	PASS
197	198	0.00	1	0.2	289	PASS
198	198	100	100	100.0	116867	PASS
199	198	5	9	6.9	8120	PASS
275	198	10	30	14.9	17386	PASS
365	198	1	100	3.7	4317	PASS
441	443	0.01	100	78.8	16620	PASS
442	198	40	100	94.8	110745	PASS
443	442	17	23	19.1	21104	PASS

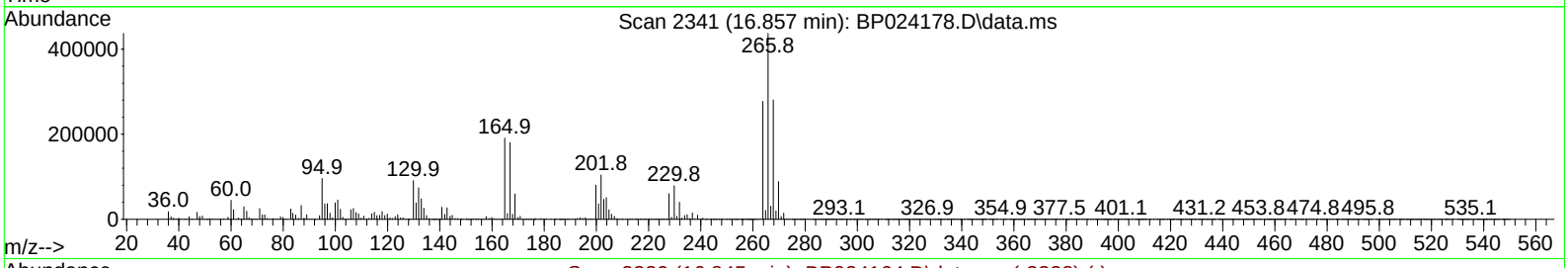
Sample Results: **BP024178.D**

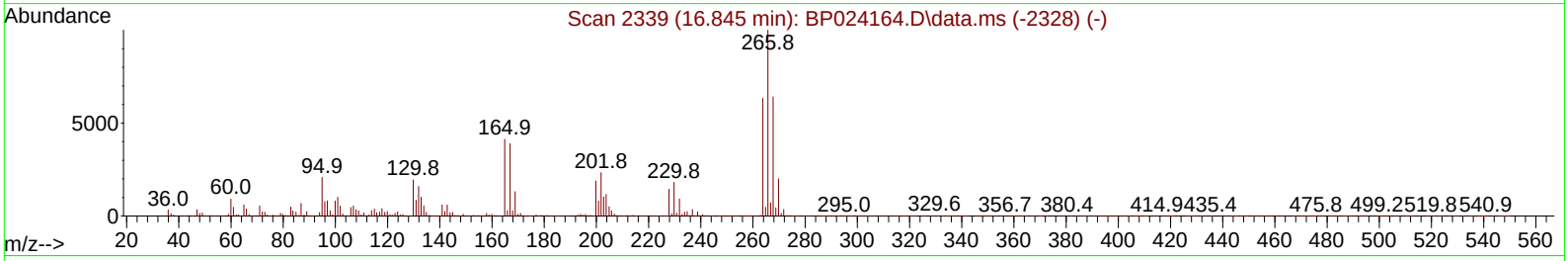
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031825\
Data File : BP024178.D
Acq On : 18 Mar 2025 09:05
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Mar 18 11:07:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 2025
Response via : Initial Calibration







TIC: BP024178.D\data.ms

(70) Pentachlorophenol (C)

16.857min (+ 0.012) 196786.88 ng

response 593684

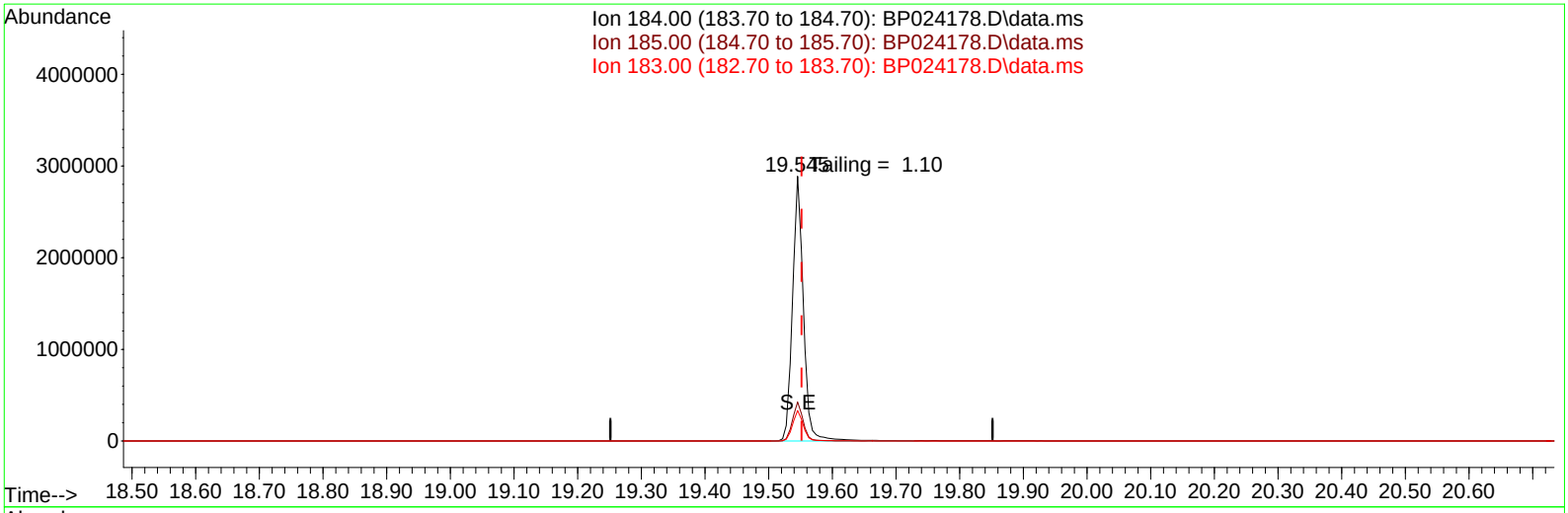
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	64.10	64.20
264.00	63.30	63.44
0.00	0.00	0.00

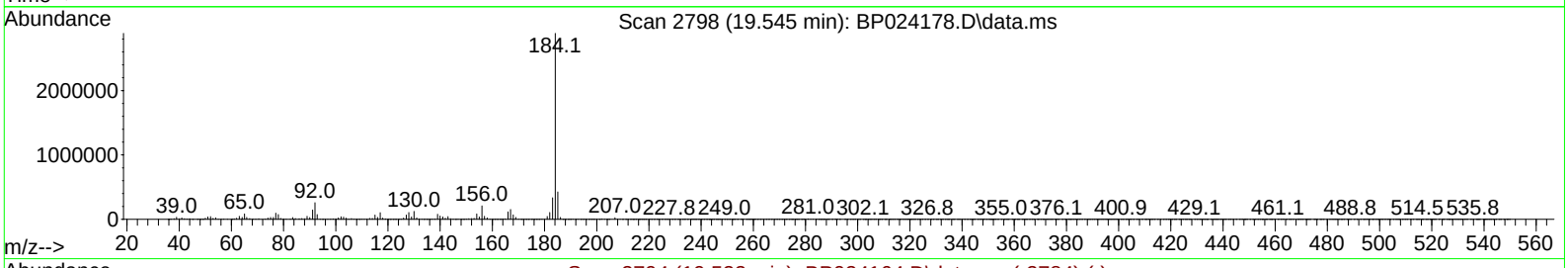
Sample Results: **BP024178.D**

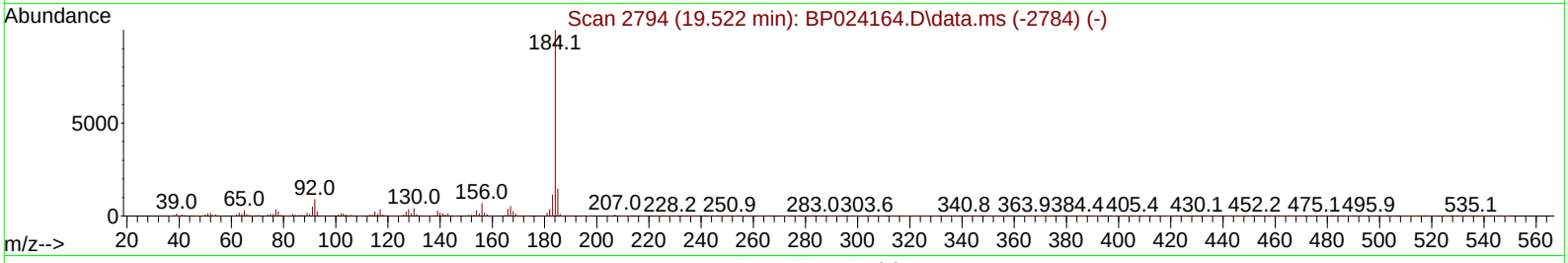
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031825\
Data File : BP024178.D
Acq On : 18 Mar 2025 09:05
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DFTPP

Quant Time: Mar 18 14:43:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 2025
Response via : Initial Calibration







TIC: BP024178.D\data.ms

(77) Benzidine

19.545min (-0.006) 19199.87 ng

response 3449621

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.70	14.74
183.00	11.40	11.55
0.00	0.00	0.00

DDT Breakdown

Date	Instrument Name	DFTPP Data File
3/18/2025	BNA_P	BP024178.D
Compound Name	**Response**	**Retention Time**
DDT	1637732	20.845
DDD	20127	20.439
DDE	2174	19.851
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
22301	1660033	1.34

Instrument :
BNA_P
ClientSampleId :
DFTPP

Raw Data: **BP024184.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:	PB167171BL	SDG No.:	Q1583
Lab Sample ID:	PB167171BL	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
BP024184.D	1	03/17/25 09:15	03/18/25 13:10	PB167171

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: **BP024184.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:	PB167171BL	SDG No.:	Q1583
Lab Sample ID:	PB167171BL	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
BP024184.D	1	03/17/25 09:15	03/18/25 13:10	PB167171

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	98.3		60 - 140	98%	SPK: 100
13127-88-3	Phenol-d6	92.3		60 - 140	92%	SPK: 100
4165-60-0	Nitrobenzene-d5	96.1		60 - 140	96%	SPK: 100
321-60-8	2-Fluorobiphenyl	94.3		60 - 140	94%	SPK: 100

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Report of Analysis

Client:	Ardmore Chemical			Date Collected:	
Project:	PVSC Monthly 2025			Date Received:	
Client Sample ID:	PB167171BL			SDG No.:	Q1583
Lab Sample ID:	PB167171BL			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
BP024184.D	1	03/17/25 09:15	03/18/25 13:10	PB167171

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	83.2		60 - 140	83%	SPK: 100
1718-51-0	Terphenyl-d14	103		60 - 140	103%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	336000	7.769			
1146-65-2	Naphthalene-d8	1340000	10.552			
15067-26-2	Acenaphthene-d10	802000	14.398			
1517-22-2	Phenanthrene-d10	1550000	17.204			
1719-03-5	Chrysene-d12	1660000	21.651			
1520-96-3	Perylene-d12	1790000	25.057			

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\BP031825\
Data File : BP024184.D
Acq On : 18 Mar 2025 13:10
Operator : RC/JU
Sample : PB167171BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB167171BL

Quant Time: Mar 18 13:35:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 2025
Response via : Initial Calibration

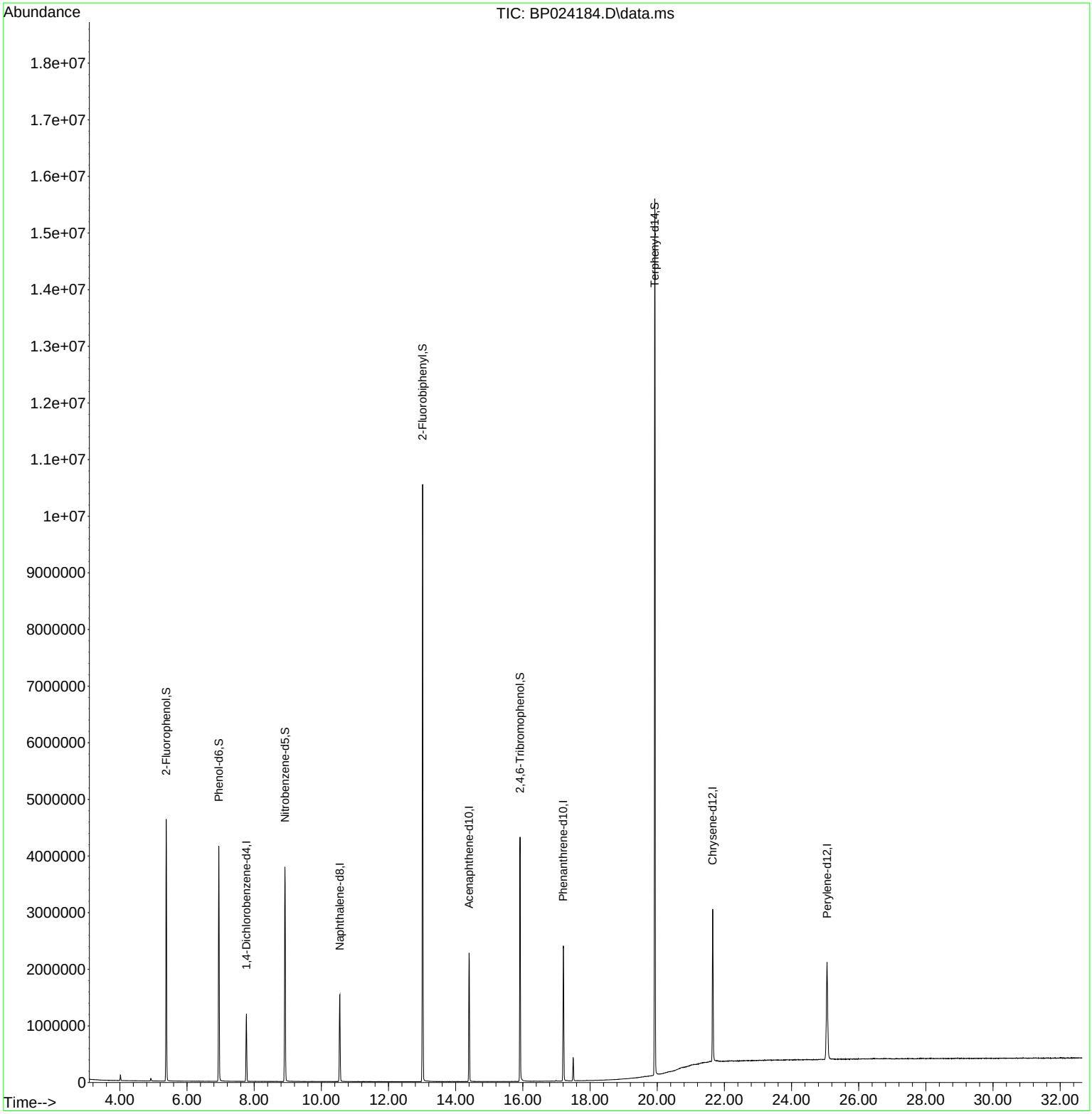
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	335947	20.000	ng	0.00
21) Naphthalene-d8	10.552	136	1339284	20.000	ng	0.00
39) Acenaphthene-d10	14.398	164	801993	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	1554225	20.000	ng	0.00
76) Chrysene-d12	21.651	240	1662991	20.000	ng	0.00
86) Perylene-d12	25.057	264	1790932	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	2068351	98.280	ng	0.00
7) Phenol-d6	6.946	99	2596384	92.255	ng	0.00
23) Nitrobenzene-d5	8.916	82	2282220	96.145	ng	0.00
42) 2,4,6-Tribromophenol	15.916	330	840478	83.198	ng	0.00
45) 2-Fluorobiphenyl	13.016	172	5128452	94.291	ng	0.00
79) Terphenyl-d14	19.928	244	8304556	103.082	ng	0.00
Target Compounds						Qvalue

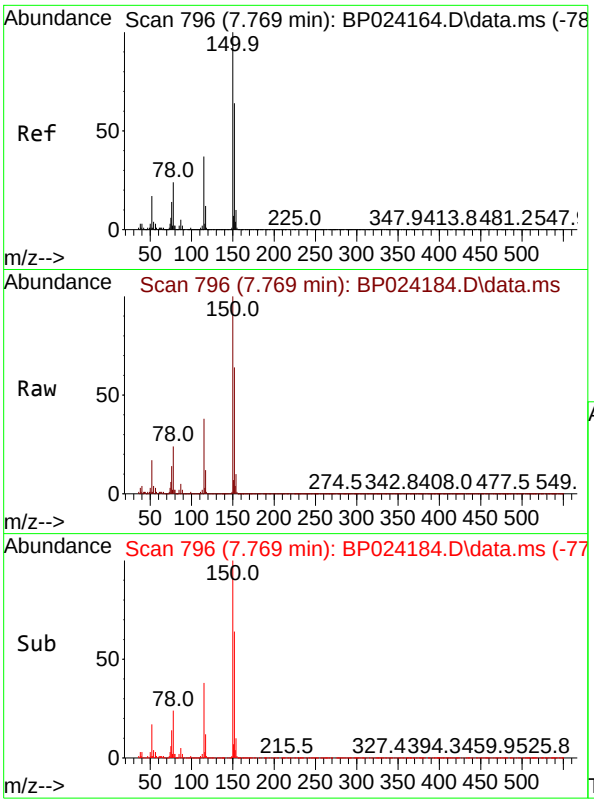
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031825\
Data File : BP024184.D
Acq On : 18 Mar 2025 13:10
Operator : RC/JU
Sample : PB167171BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB167171BL

Quant Time: Mar 18 13:35:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 2025
Response via : Initial Calibration



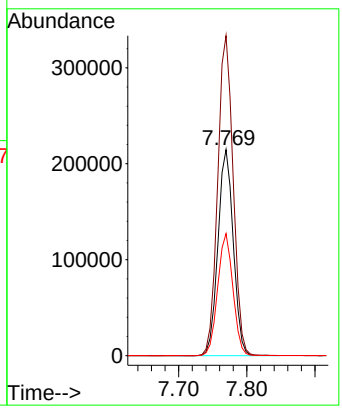


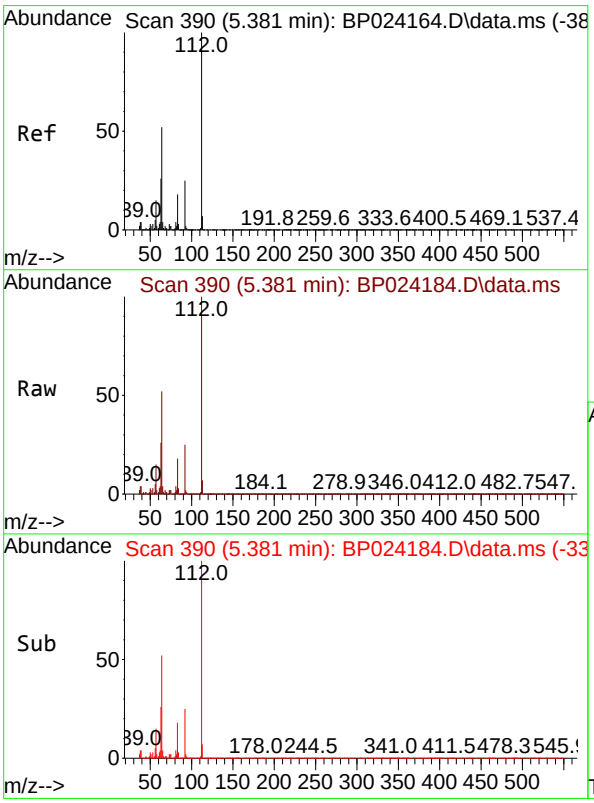
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 7
Delta R.T. 0.000 min
Lab File: BP024184.D
Acq: 18 Mar 2025 13:10

Instrument :
BNA_P
ClientSampleId :
PB167171BL

Tgt Ion:152 Resp: 335947

Ion	Ratio	Lower	Upper
152	100		
150	155.2	125.5	188.3
115	59.3	46.3	69.5

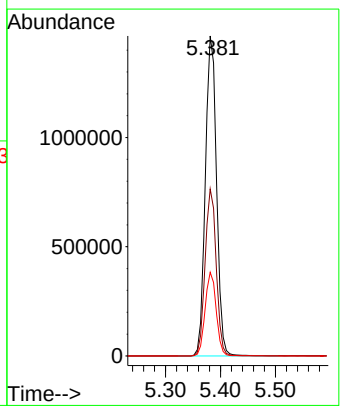


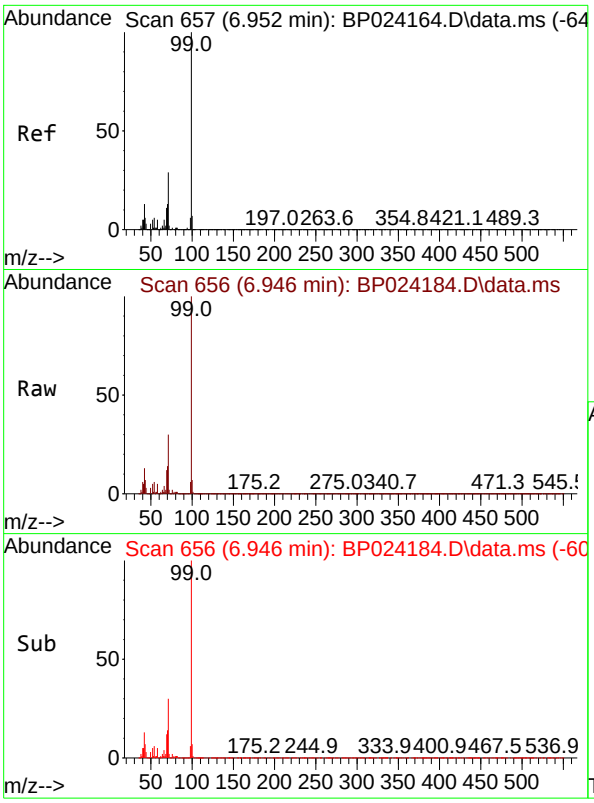


#5
2-Fluorophenol
Concen: 98.280 ng
RT: 5.381 min Scan# 390
Delta R.T. 0.000 min
Lab File: BP024184.D
Acq: 18 Mar 2025 13:10

Tgt Ion:112 Resp: 2068351

Ion	Ratio	Lower	Upper
112	100		
64	52.2	41.3	61.9
63	26.2	20.6	31.0



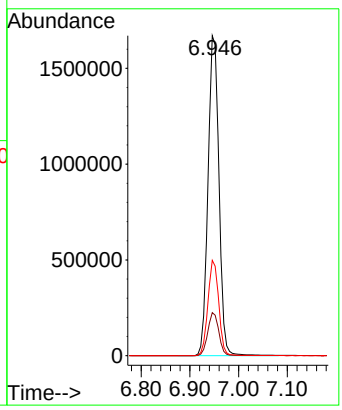


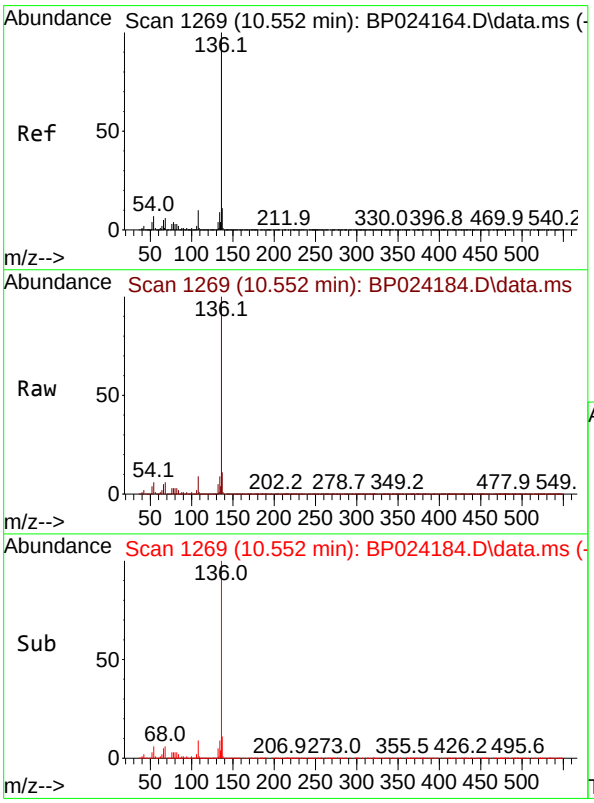
#7
Phenol-d6
Concen: 92.255 ng
RT: 6.946 min Scan# 6
Delta R.T. -0.006 min
Lab File: BP024184.D
Acq: 18 Mar 2025 13:10

Instrument :
BNA_P
ClientSampleId :
PB167171BL

Tgt Ion: 99 Resp: 2596384

Ion	Ratio	Lower	Upper
99	100		
42	13.5	10.6	16.0
71	29.8	23.3	34.9

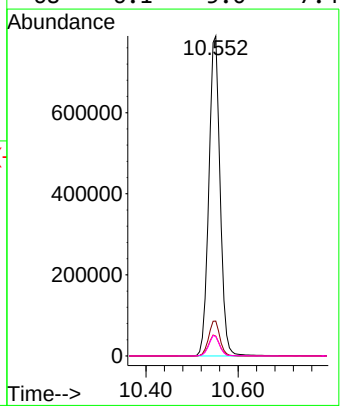


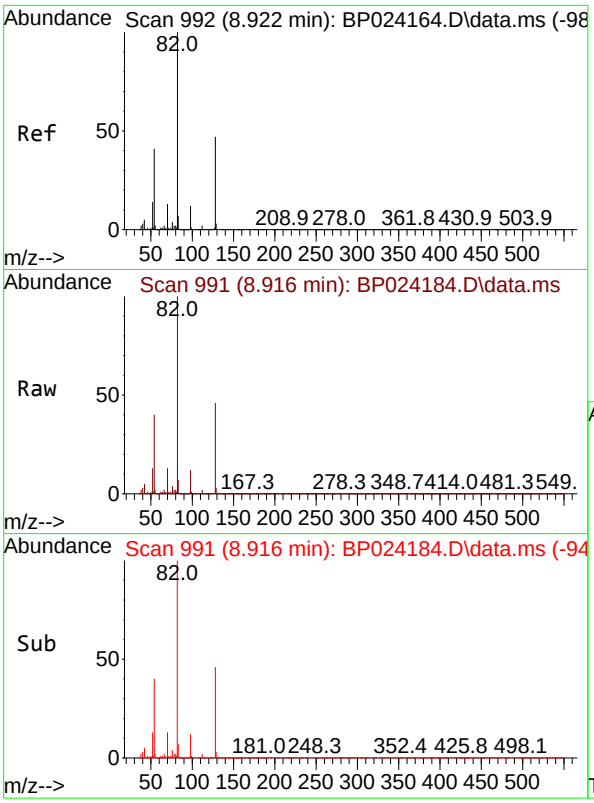


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.552 min Scan# 1269
Delta R.T. 0.000 min
Lab File: BP024184.D
Acq: 18 Mar 2025 13:10

Tgt Ion:136 Resp: 1339284

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	6.2	5.3	7.9
68	6.1	5.0	7.4



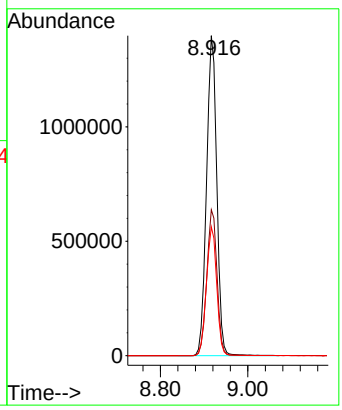


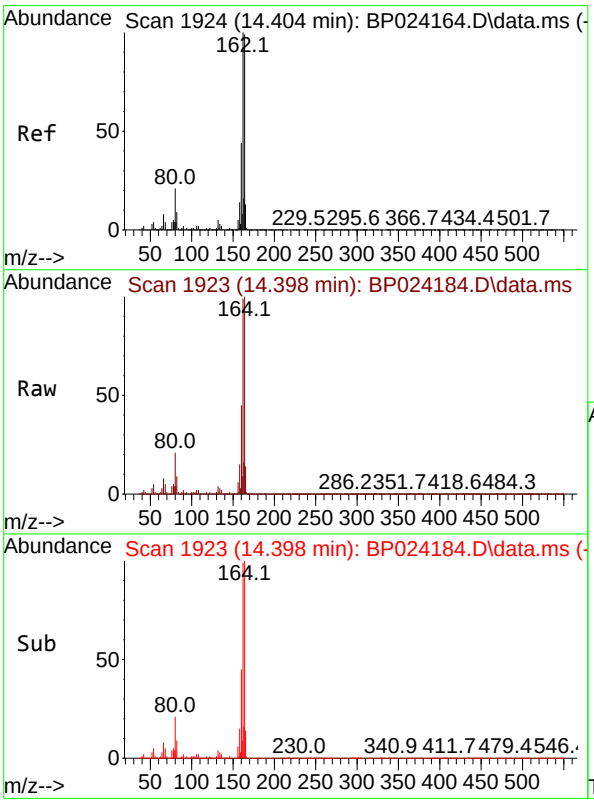
#23
Nitrobenzene-d5
Concen: 96.145 ng
RT: 8.916 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP024184.D
Acq: 18 Mar 2025 13:10

Instrument :
BNA_P
ClientSampleId :
PB167171BL

Tgt Ion: 82 Resp: 2282220

Ion	Ratio	Lower	Upper
82	100		
128	45.6	37.4	56.0
54	40.2	32.5	48.7

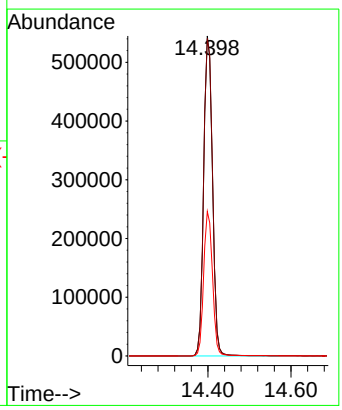


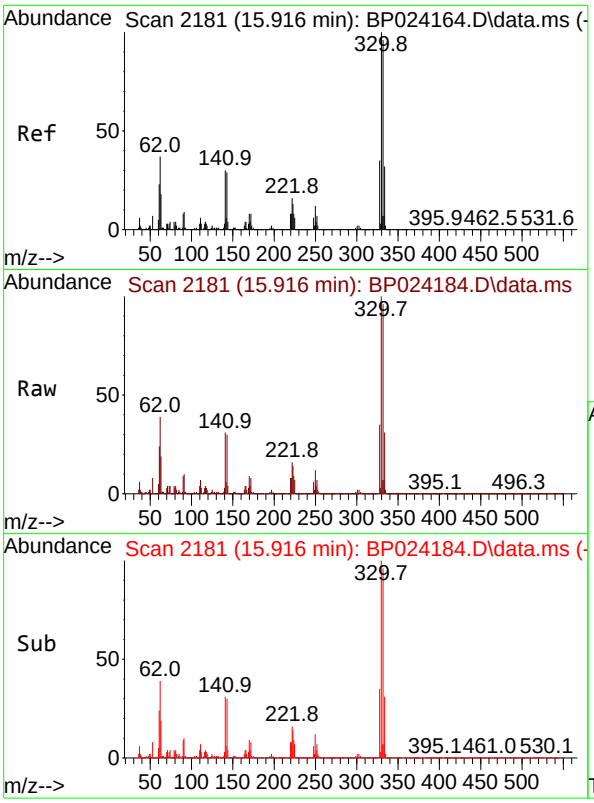


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.398 min Scan# 1923
Delta R.T. -0.006 min
Lab File: BP024184.D
Acq: 18 Mar 2025 13:10

Tgt Ion:164 Resp: 801993

Ion	Ratio	Lower	Upper
164	100		
162	99.2	80.6	121.0
160	45.1	35.4	53.2



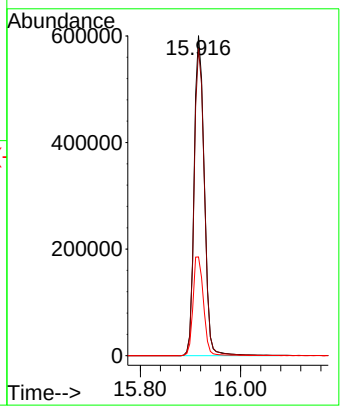


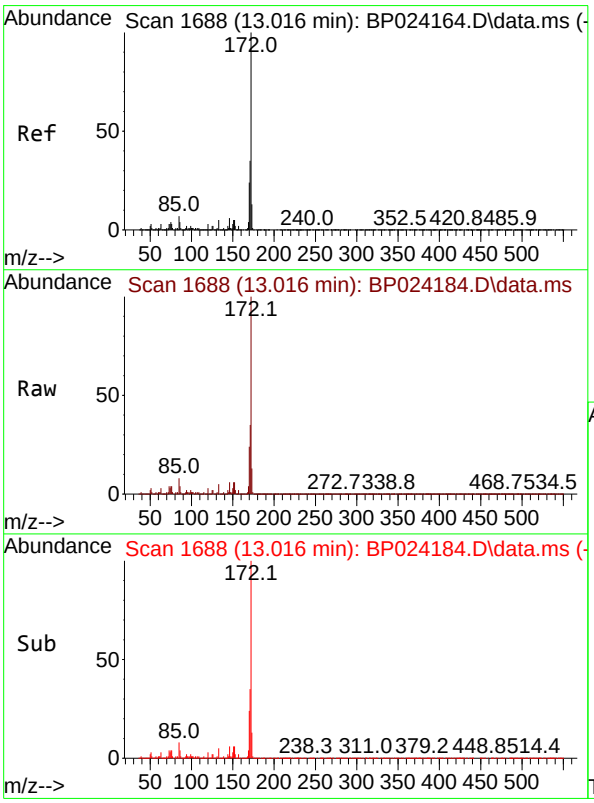
#42
2,4,6-Tribromophenol
Concen: 83.198 ng
RT: 15.916 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP024184.D
Acq: 18 Mar 2025 13:10

Instrument :
BNA_P
ClientSampleId :
PB167171BL

Tgt Ion:330 Resp: 840478

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.6	116.4
141	32.0	25.0	37.6

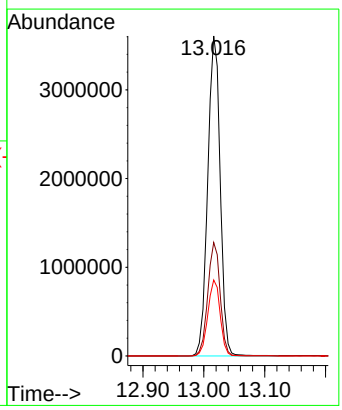


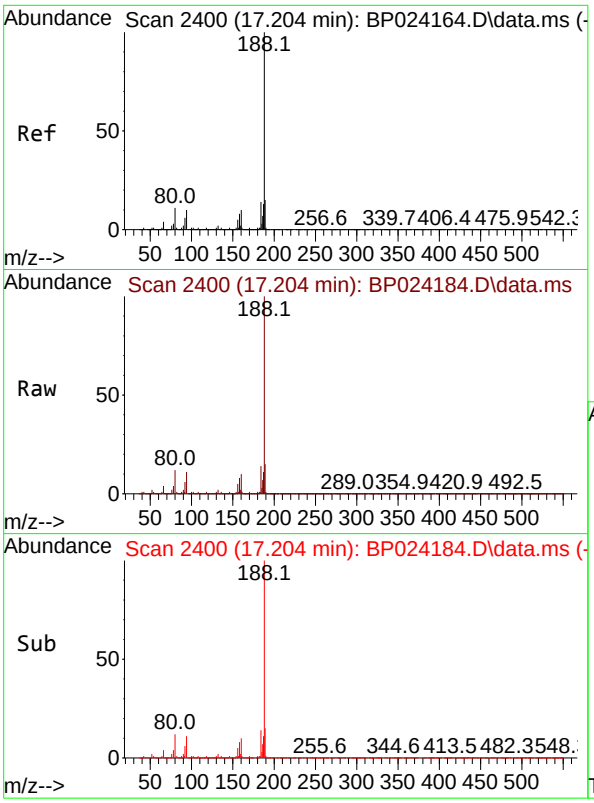


#45
2-Fluorobiphenyl
Concen: 94.291 ng
RT: 13.016 min Scan# 1688
Delta R.T. 0.000 min
Lab File: BP024184.D
Acq: 18 Mar 2025 13:10

Tgt Ion:172 Resp: 5128452

Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.3	42.5
170	23.8	19.0	28.4



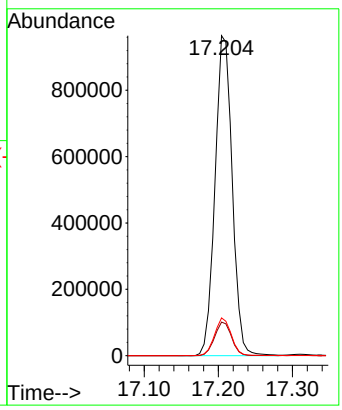


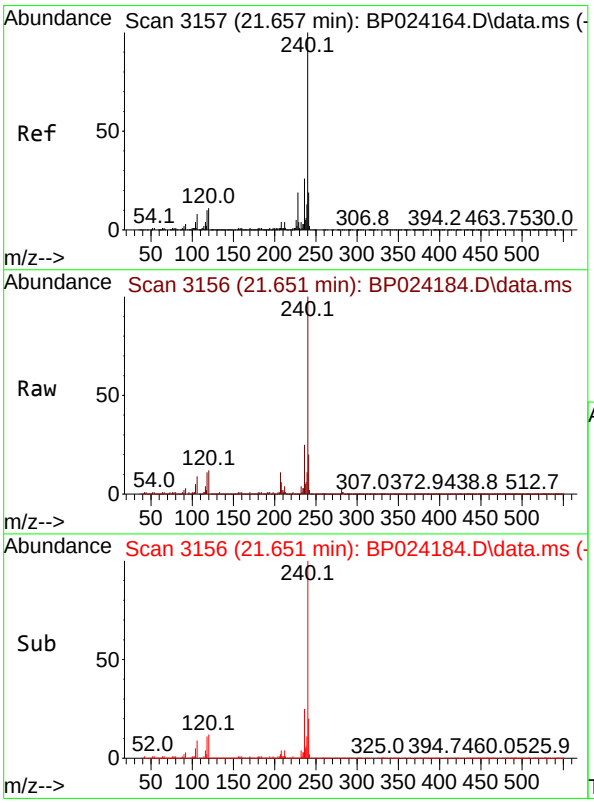
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.204 min Scan# 24
Delta R.T. 0.000 min
Lab File: BP024184.D
Acq: 18 Mar 2025 13:10

Instrument :
BNA_P
ClientSampleId :
PB167171BL

Tgt Ion:188 Resp: 1554225

Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.1	12.1
80	11.8	8.9	13.3

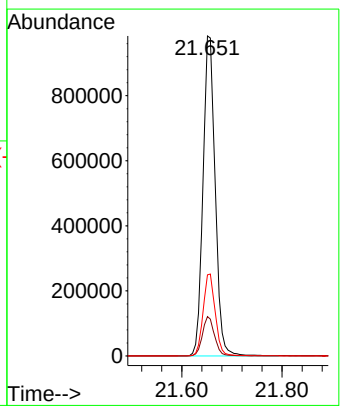


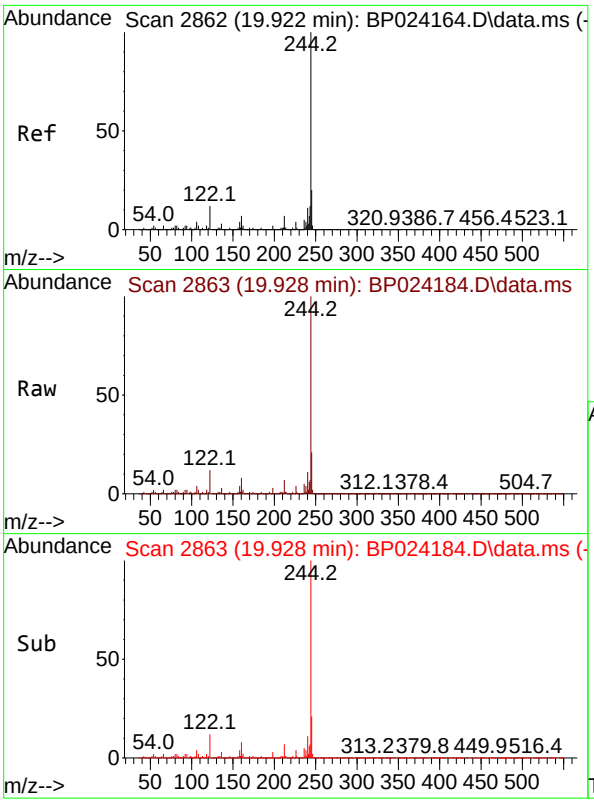


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.651 min Scan# 3156
Delta R.T. -0.006 min
Lab File: BP024184.D
Acq: 18 Mar 2025 13:10

Tgt Ion:240 Resp: 1662991

Ion	Ratio	Lower	Upper
240	100		
120	12.3	9.2	13.8
236	25.4	20.4	30.6



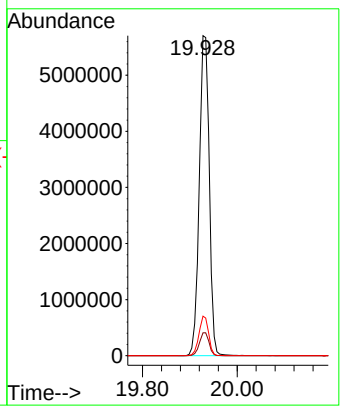


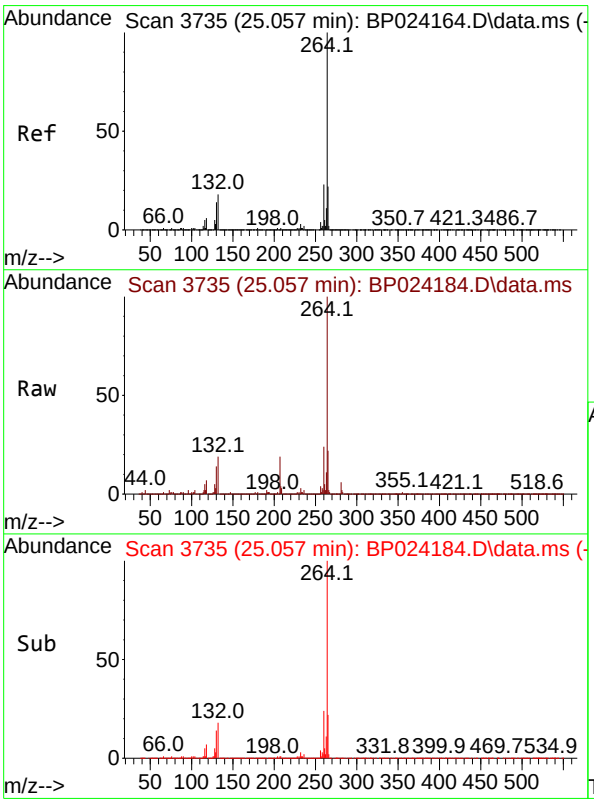
#79
Terphenyl-d14
Concen: 103.082 ng
RT: 19.928 min Scan# 2
Delta R.T. 0.006 min
Lab File: BP024184.D
Acq: 18 Mar 2025 13:10

Instrument :
BNA_P
ClientSampleId :
PB167171BL

Tgt Ion:244 Resp: 8304556

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.7	8.5
122	12.3	9.6	14.4

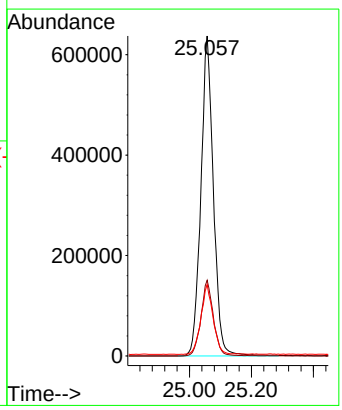




#86
Perylene-d12
Concen: 20.000 ng
RT: 25.057 min Scan# 3735
Delta R.T. 0.000 min
Lab File: BP024184.D
Acq: 18 Mar 2025 13:10

Tgt Ion:264 Resp: 1790932

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.5	27.7
265	22.3	17.7	26.5



Raw Data: **BP024182.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:	PB167171BS	SDG No.:	Q1583
Lab Sample ID:	PB167171BS	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
BP024182.D	1	03/17/25 09:15	03/18/25 11:48	PB167171

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
62-75-9	n-Nitrosodimethylamine	45.7		0.86	10.0	ug/L
108-95-2	Phenol	50.8		0.91	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	46.8		0.81	5.00	ug/L
95-57-8	2-Chlorophenol	49.2		0.58	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	48.6		1.30	5.00	ug/L
621-64-7	n-Nitroso-di-n-propylamine	47.6		1.40	5.00	ug/L
67-72-1	Hexachloroethane	46.8		0.65	5.00	ug/L
98-95-3	Nitrobenzene	47.7		0.76	5.00	ug/L
78-59-1	Isophorone	51.0		0.75	5.00	ug/L
88-75-5	2-Nitrophenol	48.9		1.80	5.00	ug/L
105-67-9	2,4-Dimethylphenol	65.3		1.90	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	47.8		0.68	5.00	ug/L
120-83-2	2,4-Dichlorophenol	51.0		0.52	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	45.8		0.54	5.00	ug/L
91-20-3	Naphthalene	45.3		0.50	5.00	ug/L
87-68-3	Hexachlorobutadiene	46.2		0.54	5.00	ug/L
59-50-7	4-Chloro-3-methylphenol	50.7		0.59	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	170	E	3.60	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	50.7		0.51	5.00	ug/L
91-58-7	2-Chloronaphthalene	47.1		0.61	5.00	ug/L
131-11-3	Dimethylphthalate	48.5		0.61	5.00	ug/L
208-96-8	Acenaphthylene	51.2		0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	50.1		0.92	5.00	ug/L
83-32-9	Acenaphthene	47.3		0.55	5.00	ug/L
51-28-5	2,4-Dinitrophenol	130	E	6.00	10.0	ug/L
100-02-7	4-Nitrophenol	120	E	2.40	10.0	ug/L
121-14-2	2,4-Dinitrotoluene	53.3		1.20	5.00	ug/L
84-66-2	Diethylphthalate	48.4		0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	48.0		0.68	5.00	ug/L

Raw Data: **BP024182.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:	PB167171BS	SDG No.:	Q1583
Lab Sample ID:	PB167171BS	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
BP024182.D	1	03/17/25 09:15	03/18/25 11:48	PB167171

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
86-73-7	Fluorene	48.4		0.63	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	51.6		2.90	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	49.7		0.58	5.00	ug/L
103-33-3	Azobenzene	48.6		0.81	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	48.6		0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	48.5		0.52	5.00	ug/L
87-86-5	Pentachlorophenol	110	E	1.60	10.0	ug/L
85-01-8	Phenanthrene	48.0		0.50	5.00	ug/L
120-12-7	Anthracene	50.7		0.61	5.00	ug/L
84-74-2	Di-n-butylphthalate	49.1		1.20	5.00	ug/L
206-44-0	Fluoranthene	48.2		0.82	5.00	ug/L
92-87-5	Benzidine	110	E	4.30	10.0	ug/L
129-00-0	Pyrene	48.9		0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	49.7		1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	37.4		0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	48.5		0.45	5.00	ug/L
218-01-9	Chrysene	47.4		0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	49.0		1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	49.1		2.30	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	48.7		0.49	5.00	ug/L
207-08-9	Benzo(k)fluoranthene	49.6		0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	52.6		0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	49.0		0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	48.9		0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	45.3		0.69	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	106		60 - 140	106%	SPK: 100
13127-88-3	Phenol-d6	103		60 - 140	103%	SPK: 100
4165-60-0	Nitrobenzene-d5	102		60 - 140	102%	SPK: 100
321-60-8	2-Fluorobiphenyl	99.0		60 - 140	99%	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:	PB167171BS	SDG No.:	Q1583
Lab Sample ID:	PB167171BS	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
BP024182.D	1	03/17/25 09:15	03/18/25 11:48	PB167171

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	104		60 - 140	104%	SPK: 100
1718-51-0	Terphenyl-d14	104		60 - 140	104%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	336000	7.769			
1146-65-2	Naphthalene-d8	1370000	10.546			
15067-26-2	Acenaphthene-d10	842000	14.404			
1517-22-2	Phenanthrene-d10	1610000	17.204			
1719-03-5	Chrysene-d12	1710000	21.657			
1520-96-3	Perylene-d12	1770000	25.051			

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\BP031825\
Data File : BP024182.D
Acq On : 18 Mar 2025 11:48
Operator : RC/JU
Sample : PB167171BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB167171BS

Quant Time: Mar 18 12:35:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	336256	20.000	ng	0.00
21) Naphthalene-d8	10.546	136	1366720	20.000	ng	0.00
39) Acenaphthene-d10	14.404	164	842343	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	1608205	20.000	ng	0.00
76) Chrysene-d12	21.657	240	1705744	20.000	ng	0.00
86) Perylene-d12	25.051	264	1768980	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	2239768	106.327	ng	0.00
7) Phenol-d6	6.952	99	2889504	102.576	ng	0.00
23) Nitrobenzene-d5	8.922	82	2460728	101.584	ng	0.00
42) 2,4,6-Tribromophenol	15.922	330	1105833	104.222	ng	0.00
45) 2-Fluorobiphenyl	13.010	172	5657411	99.033	ng	0.00
79) Terphenyl-d14	19.922	244	8591304	103.969	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.323	88	367764	44.044	ng	99
3) Pyridine	3.717	79	886489	38.835	ng	100
4) n-Nitrosodimethylamine	3.623	42	348591	45.716	ng	98
6) Aniline	7.105	93	1117176	43.529	ng	99
8) 2-Chlorophenol	7.340	128	1119766	49.213	ng	100
9) Benzaldehyde	6.922	77	284779	20.949	ng	97
10) Phenol	6.981	94	1443988	50.778	ng	99
11) bis(2-Chloroethyl)ether	7.199	93	1050206	46.831	ng	99
12) 1,3-Dichlorobenzene	7.658	146	1137783	46.371	ng	99
13) 1,4-Dichlorobenzene	7.805	146	1157565	46.205	ng	99
14) 1,2-Dichlorobenzene	8.122	146	1118189	46.511	ng	100
15) Benzyl Alcohol	8.011	79	902343	50.597	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.287	45	1112846	48.622	ng	98
17) 2-Methylphenol	8.216	107	931886	52.259	ng	99
18) Hexachloroethane	8.840	117	415668	46.766	ng	100
19) n-Nitroso-di-n-propyla...	8.569	70	778394	47.631	ng	100
20) 3+4-Methylphenols	8.540	107	1270966	51.878	ng	98
22) Acetophenone	8.581	105	1767983	51.166	ng	100
24) Nitrobenzene	8.963	77	1140344	47.720	ng	99
25) Isophorone	9.481	82	2116347	50.967	ng	100
26) 2-Nitrophenol	9.669	139	557597	48.850	ng	98
27) 2,4-Dimethylphenol	9.728	122	958746	65.320	ng	99
28) bis(2-Chloroethoxy)met...	9.963	93	1397511	47.841	ng	100
29) 2,4-Dichlorophenol	10.199	162	1013236	51.031	ng	99
30) 1,2,4-Trichlorobenzene	10.410	180	1003790	45.758	ng	99
31) Naphthalene	10.599	128	3278998	45.260	ng	100
32) Benzoic acid	9.881	122	801484	55.991	ng	99
33) 4-Chloroaniline	10.710	127	725075	27.966	ng	100
34) Hexachlorobutadiene	10.887	225	582714	46.155	ng	99
35) Caprolactam	11.499	113	380311	58.443	ng	99
36) 4-Chloro-3-methylphenol	11.840	107	1086557	50.727	ng	99
37) 2-Methylnaphthalene	12.210	142	2199107	44.931	ng	100
38) 1-Methylnaphthalene	12.428	142	2162348	45.423	ng	100
40) 1,2,4,5-Tetrachloroben...	12.581	216	1247209	51.221	ng	99
41) Hexachlorocyclopentadiene	12.563	237	1531261	174.459	ng	99
43) 2,4,6-Trichlorophenol	12.828	196	784882	50.720	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031825\
Data File : BP024182.D
Acq On : 18 Mar 2025 11:48
Operator : RC/JU
Sample : PB167171BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB167171BS

Quant Time: Mar 18 12:35:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 2025
Response via : Initial Calibration

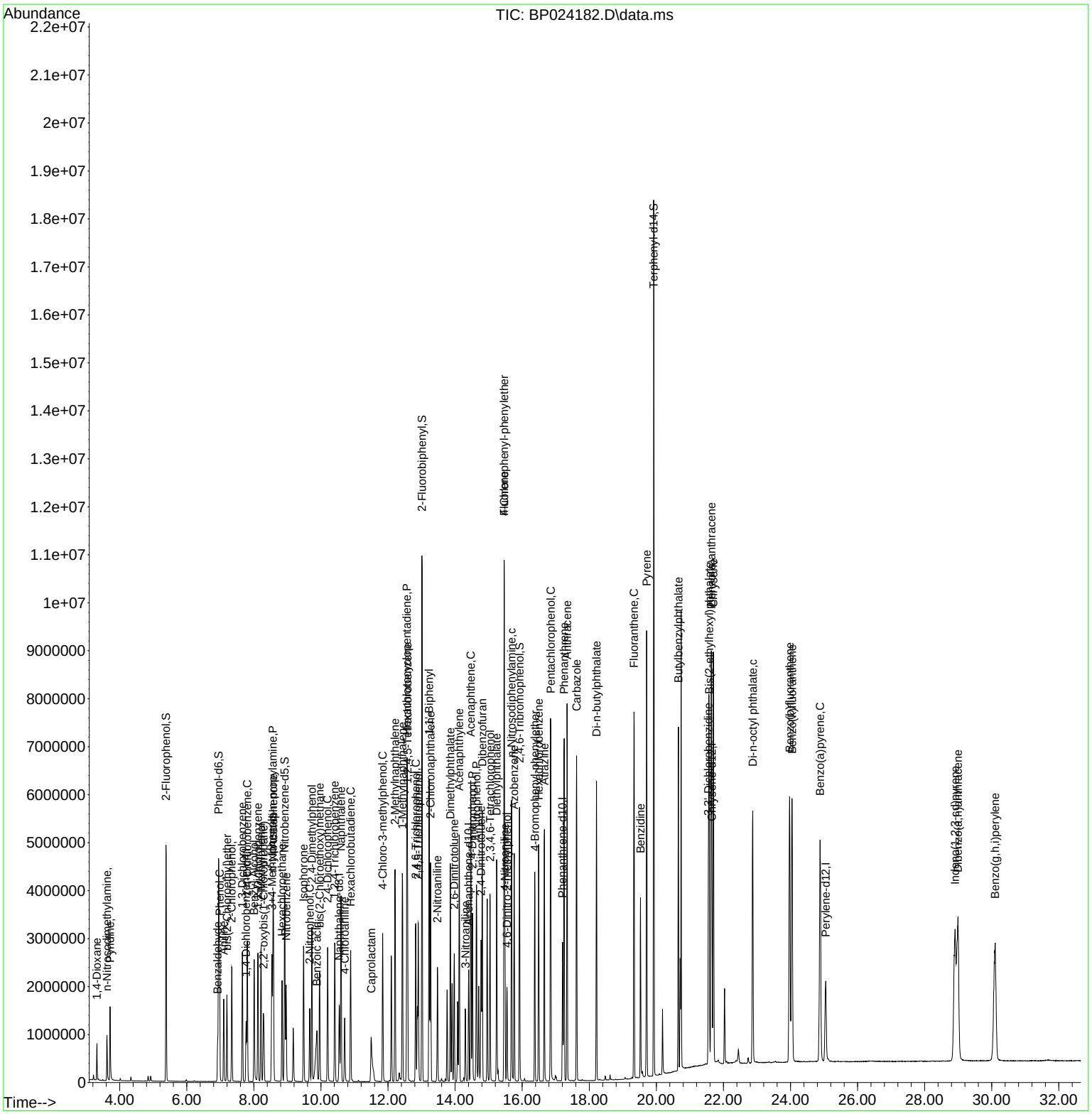
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.904	196	863959	50.909	ng	99
46) 1,1'-Biphenyl	13.228	154	3248502	51.321	ng	99
47) 2-Chloronaphthalene	13.269	162	2241425	47.078	ng	99
48) 2-Nitroaniline	13.475	65	639752	52.535	ng	98
49) Acenaphthylene	14.122	152	3686747	51.176	ng	99
50) Dimethylphthalate	13.857	163	2857415	48.480	ng	100
51) 2,6-Dinitrotoluene	13.975	165	620806	50.060	ng	98
52) Acenaphthene	14.469	154	2175211	47.258	ng	100
53) 3-Nitroaniline	14.310	138	407380	30.415	ng	99
54) 2,4-Dinitrophenol	14.516	184	838682	127.811	ng	96
55) Dibenzofuran	14.810	168	3420060	45.871	ng	99
56) 4-Nitrophenol	14.640	139	1310189	117.066	ng	99
57) 2,4-Dinitrotoluene	14.775	165	873666	53.334	ng	98
58) Fluorene	15.463	166	2814312	48.446	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.045	232	747197	49.834	ng	99
60) Diethylphthalate	15.240	149	2837973	48.352	ng	99
61) 4-Chlorophenyl-phenyle...	15.463	204	1366572	47.963	ng	99
62) 4-Nitroaniline	15.487	138	689313	49.068	ng	99
63) Azobenzene	15.763	77	2690454	48.633	ng	100
65) 4,6-Dinitro-2-methylph...	15.551	198	492199	51.554	ng	98
66) n-Nitrosodiphenylamine	15.687	169	2425582	49.668	ng	99
67) 4-Bromophenyl-phenylether	16.381	248	858874	48.643	ng	94
68) Hexachlorobenzene	16.492	284	1014465	48.543	ng	97
69) Atrazine	16.663	200	935704	79.382	ng	98
70) Pentachlorophenol	16.851	266	1464057	108.331	ng	99
71) Phenanthrene	17.251	178	4220737	48.042	ng	100
72) Anthracene	17.339	178	4340500	50.726	ng	100
73) Carbazole	17.622	167	4111261	49.822	ng	100
74) Di-n-butylphthalate	18.216	149	4806920	49.070	ng	100
75) Fluoranthene	19.333	202	4904746	48.203	ng	100
77) Benzidine	19.528	184	1966066	105.421	ng	100
78) Pyrene	19.710	202	5187079	48.914	ng	100
80) Butylbenzylphthalate	20.657	149	2174384	49.722	ng	96
81) Benzo(a)anthracene	21.639	228	5141996	48.486	ng	100
82) 3,3'-Dichlorobenzidine	21.551	252	1331069	37.449	ng	99
83) Chrysene	21.698	228	4836892	47.444	ng	100
84) Bis(2-ethylhexyl)phtha...	21.575	149	3236314	49.045	ng	99
85) Di-n-octyl phthalate	22.874	149	5196175	49.149	ng	100
87) Indeno(1,2,3-cd)pyrene	28.909	276	6054359m	49.039	ng	
88) Benzo(b)fluoranthene	23.974	252	5195002	48.707	ng	98
89) Benzo(k)fluoranthene	24.045	252	5171208	49.565	ng	99
90) Benzo(a)pyrene	24.880	252	4874580	52.558	ng	99
91) Dibenzo(a,h)anthracene	28.992	278	5022005	48.893	ng	98
92) Benzo(g,h,i)perylene	30.103	276	4725360	45.257	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031825\
Data File : BP024182.D
Acq On : 18 Mar 2025 11:48
Operator : RC/JU
Sample : PB167171BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB167171BS

Quant Time: Mar 18 12:35:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 2025
Response via : Initial Calibration



Raw Data: **BP024183.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:	PB167171BSD	SDG No.:	Q1583
Lab Sample ID:	PB167171BSD	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
BP024183.D	1	03/17/25 09:15	03/18/25 12:29	PB167171

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
62-75-9	n-Nitrosodimethylamine	42.2		0.86	10.0	ug/L
108-95-2	Phenol	46.1		0.91	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	43.2		0.81	5.00	ug/L
95-57-8	2-Chlorophenol	44.9		0.58	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	44.7		1.30	5.00	ug/L
621-64-7	n-Nitroso-di-n-propylamine	43.2		1.40	5.00	ug/L
67-72-1	Hexachloroethane	43.1		0.65	5.00	ug/L
98-95-3	Nitrobenzene	43.4		0.76	5.00	ug/L
78-59-1	Isophorone	46.0		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	58.2		1.90	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	43.2		0.68	5.00	ug/L
120-83-2	2,4-Dichlorophenol	46.2		0.52	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	42.0		0.54	5.00	ug/L
91-20-3	Naphthalene	41.5		0.50	5.00	ug/L
87-68-3	Hexachlorobutadiene	42.9		0.54	5.00	ug/L
59-50-7	4-Chloro-3-methylphenol	44.8		0.59	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	160	E	3.60	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	46.6		0.51	5.00	ug/L
91-58-7	2-Chloronaphthalene	44.2		0.61	5.00	ug/L
131-11-3	Dimethylphthalate	44.1		0.61	5.00	ug/L
208-96-8	Acenaphthylene	47.2		0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	45.5		0.92	5.00	ug/L
83-32-9	Acenaphthene	44.0		0.55	5.00	ug/L
51-28-5	2,4-Dinitrophenol	120	E	6.00	10.0	ug/L
100-02-7	4-Nitrophenol	110	E	2.40	10.0	ug/L
121-14-2	2,4-Dinitrotoluene	49.1		1.20	5.00	ug/L
84-66-2	Diethylphthalate	44.2		0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	44.3		0.68	5.00	ug/L

Raw Data: **BP024183.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:	PB167171BSD	SDG No.:	Q1583
Lab Sample ID:	PB167171BSD	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
BP024183.D	1	03/17/25 09:15	03/18/25 12:29	PB167171

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
86-73-7	Fluorene	44.5		0.63	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	47.4		2.90	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	46.0		0.58	5.00	ug/L
103-33-3	Azobenzene	44.5		0.81	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	43.8		0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	44.0		0.52	5.00	ug/L
87-86-5	Pentachlorophenol	98.2	E	1.60	10.0	ug/L
85-01-8	Phenanthrene	44.4		0.50	5.00	ug/L
120-12-7	Anthracene	46.4		0.61	5.00	ug/L
84-74-2	Di-n-butylphthalate	45.2		1.20	5.00	ug/L
206-44-0	Fluoranthene	44.7		0.82	5.00	ug/L
92-87-5	Benzidine	96.8	E	4.30	10.0	ug/L
129-00-0	Pyrene	45.0		0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	46.8		1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	35.1		0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	45.8		0.45	5.00	ug/L
218-01-9	Chrysene	44.1		0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	45.9		1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	45.1		2.30	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	43.9		0.49	5.00	ug/L
207-08-9	Benzo(k)fluoranthene	46.8		0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	48.3		0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	44.6		0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	44.7		0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	41.5		0.69	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	98.3		60 - 140	98%	SPK: 100
13127-88-3	Phenol-d6	92.8		60 - 140	93%	SPK: 100
4165-60-0	Nitrobenzene-d5	93.0		60 - 140	93%	SPK: 100
321-60-8	2-Fluorobiphenyl	92.8		60 - 140	93%	SPK: 100

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Report of Analysis

Client:	Ardmore Chemical	Date Collected:	
Project:	PVSC Monthly 2025	Date Received:	
Client Sample ID:	PB167171BSD	SDG No.:	Q1583
Lab Sample ID:	PB167171BSD	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
BP024183.D	1	03/17/25 09:15	03/18/25 12:29	PB167171

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	94.4		60 - 140	94%	SPK: 100
1718-51-0	Terphenyl-d14	97.5		60 - 140	97%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	343000	7.769			
1146-65-2	Naphthalene-d8	1390000	10.546			
15067-26-2	Acenaphthene-d10	818000	14.41			
1517-22-2	Phenanthrene-d10	1570000	17.21			
1719-03-5	Chrysene-d12	1670000	21.663			
1520-96-3	Perylene-d12	1740000	25.063			

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\BP031825\
Data File : BP024183.D
Acq On : 18 Mar 2025 12:29
Operator : RC/JU
Sample : PB167171BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB167171BSD

Quant Time: Mar 18 12:49:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.769	152	342755	20.000	ng		0.00
21) Naphthalene-d8	10.546	136	1386722	20.000	ng		0.00
39) Acenaphthene-d10	14.410	164	818395	20.000	ng		0.00
64) Phenanthrene-d10	17.210	188	1574850	20.000	ng		0.00
76) Chrysene-d12	21.663	240	1673955	20.000	ng		0.00
86) Perylene-d12	25.063	264	1743513	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.387	112	2109735	98.255	ng		0.00
7) Phenol-d6	6.952	99	2664511	92.796	ng		0.00
23) Nitrobenzene-d5	8.916	82	2285427	92.986	ng		0.00
42) 2,4,6-Tribromophenol	15.928	330	972987	94.385	ng		0.01
45) 2-Fluorobiphenyl	13.010	172	5149836	92.786	ng		0.00
79) Terphenyl-d14	19.928	244	7903257	97.458	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.323	88	343452	40.352	ng		99
3) Pyridine	3.717	79	842752	36.219	ng		99
4) n-Nitrosodimethylamine	3.623	42	327621	42.151	ng		99
6) Aniline	7.105	93	1045934	39.981	ng		98
8) 2-Chlorophenol	7.340	128	1040474	44.861	ng		98
9) Benzaldehyde	6.916	77	266574	19.238	ng		97
10) Phenol	6.981	94	1334981	46.055	ng		99
11) bis(2-Chloroethyl)ether	7.199	93	986557	43.158	ng		99
12) 1,3-Dichlorobenzene	7.658	146	1078909	43.137	ng		99
13) 1,4-Dichlorobenzene	7.805	146	1096250	42.928	ng		99
14) 1,2-Dichlorobenzene	8.116	146	1056909	43.129	ng		100
15) Benzyl Alcohol	8.011	79	841307	46.280	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.287	45	1043710	44.736	ng		97
17) 2-Methylphenol	8.216	107	860244	47.326	ng		100
18) Hexachloroethane	8.840	117	390461	43.097	ng		98
19) n-Nitroso-di-n-propyla...	8.569	70	719491	43.192	ng		100
20) 3+4-Methylphenols	8.540	107	1168446	46.789	ng		98
22) Acetophenone	8.581	105	1638604	46.738	ng	#	100
24) Nitrobenzene	8.958	77	1052713	43.418	ng		99
25) Isophorone	9.487	82	1938731	46.016	ng		99
26) 2-Nitrophenol	9.663	139	516921	44.633	ng		99
27) 2,4-Dimethylphenol	9.728	122	866102	58.157	ng		100
28) bis(2-Chloroethoxy)met...	9.957	93	1280388	43.199	ng		100
29) 2,4-Dichlorophenol	10.199	162	930193	46.172	ng		99
30) 1,2,4-Trichlorobenzene	10.410	180	934549	41.987	ng		100
31) Naphthalene	10.599	128	3051963	41.518	ng		100
32) Benzoic acid	9.875	122	693572	47.753	ng		99
33) 4-Chloroaniline	10.704	127	649602	24.694	ng		99
34) Hexachlorobutadiene	10.881	225	549988	42.934	ng		98
35) Caprolactam	11.493	113	339239	51.379	ng		99
36) 4-Chloro-3-methylphenol	11.840	107	974278	44.829	ng		98
37) 2-Methylnaphthalene	12.204	142	2033708	40.952	ng		100
38) 1-Methylnaphthalene	12.428	142	1968954	40.764	ng		99
40) 1,2,4,5-Tetrachloroben...	12.581	216	1142125	48.278	ng		99
41) Hexachlorocyclopentadiene	12.563	237	1403416	164.572	ng		99
43) 2,4,6-Trichlorophenol	12.822	196	700729	46.607	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031825\
Data File : BP024183.D
Acq On : 18 Mar 2025 12:29
Operator : RC/JU
Sample : PB167171BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB167171BSD

Quant Time: Mar 18 12:49:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 2025
Response via : Initial Calibration

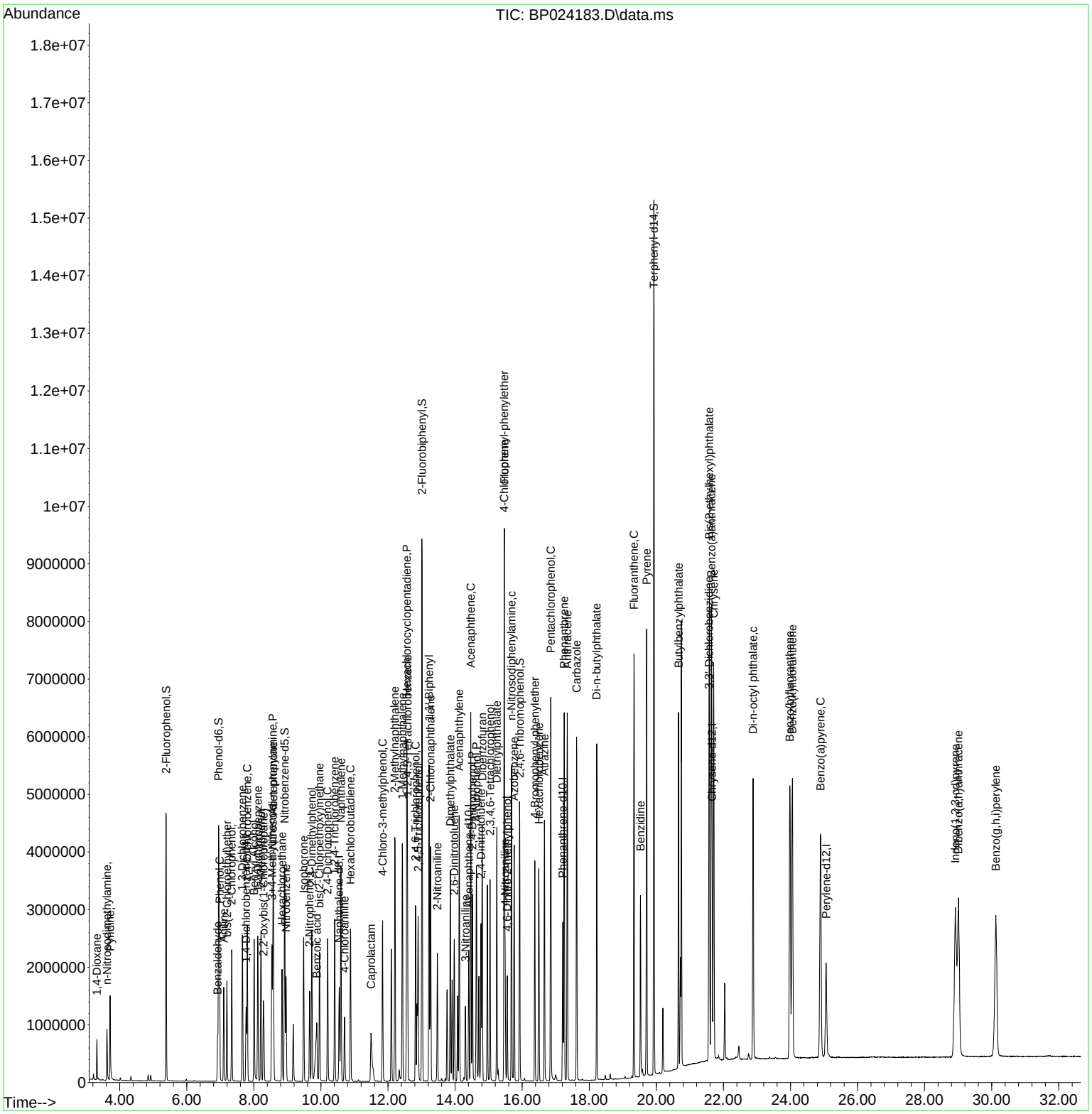
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.899	196	767218	46.531	ng	98
46) 1,1'-Biphenyl	13.228	154	2944997	47.887	ng	99
47) 2-Chloronaphthalene	13.269	162	2044262	44.193	ng	99
48) 2-Nitroaniline	13.469	65	571533	48.307	ng	94
49) Acenaphthylene	14.122	152	3301536	47.170	ng	100
50) Dimethylphthalate	13.857	163	2525828	44.108	ng	100
51) 2,6-Dinitrotoluene	13.975	165	548291	45.506	ng	99
52) Acenaphthene	14.469	154	1969345	44.037	ng	99
53) 3-Nitroaniline	14.310	138	378357	29.074	ng	98
54) 2,4-Dinitrophenol	14.516	184	737117	115.620	ng	95
55) Dibenzofuran	14.810	168	3055341	42.178	ng	99
56) 4-Nitrophenol	14.634	139	1166869	107.311	ng	97
57) 2,4-Dinitrotoluene	14.775	165	781794	49.122	ng	96
58) Fluorene	15.469	166	2510994	44.490	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.045	232	657760	45.153	ng	99
60) Diethylphthalate	15.245	149	2522009	44.226	ng	99
61) 4-Chlorophenyl-phenyle...	15.463	204	1225154	44.258	ng	99
62) 4-Nitroaniline	15.492	138	620361	45.452	ng	99
63) Azobenzene	15.763	77	2389125	44.450	ng	100
65) 4,6-Dinitro-2-methylph...	15.557	198	443037	47.387	ng	97
66) n-Nitrosodiphenylamine	15.687	169	2197871	45.959	ng	99
67) 4-Bromophenyl-phenylether	16.381	248	758063	43.843	ng	96
68) Hexachlorobenzene	16.498	284	901194	44.036	ng	100
69) Atrazine	16.663	200	841186	72.875	ng	99
70) Pentachlorophenol	16.851	266	1299107	98.161	ng	99
71) Phenanthrene	17.251	178	3819730	44.398	ng	100
72) Anthracene	17.345	178	3889813	46.422	ng	100
73) Carbazole	17.622	167	3704990	45.849	ng	100
74) Di-n-butylphthalate	18.222	149	4340190	45.244	ng	100
75) Fluoranthene	19.333	202	4451462	44.675	ng	99
77) Benzidine	19.528	184	1772037	96.822	ng	100
78) Pyrene	19.710	202	4688032	45.048	ng	100
80) Butylbenzylphthalate	20.663	149	2009480	46.823	ng	97
81) Benzo(a)anthracene	21.639	228	4761637	45.752	ng	100
82) 3,3'-Dichlorobenzidine	21.569	252	1224003	35.091	ng	99
83) Chrysene	21.710	228	4408586	44.064	ng	99
84) Bis(2-ethylhexyl)phtha...	21.580	149	2974684	45.937	ng	100
85) Di-n-octyl phthalate	22.886	149	4680673	45.114	ng	100
87) Indeno(1,2,3-cd)pyrene	28.915	276	5430687m	44.630	ng	
88) Benzo(b)fluoranthene	23.980	252	4617611	43.926	ng	98
89) Benzo(k)fluoranthene	24.057	252	4812755	46.803	ng	99
90) Benzo(a)pyrene	24.892	252	4414434	48.292	ng	100
91) Dibenzo(a,h)anthracene	29.009	278	4522494	44.673	ng	100
92) Benzo(g,h,i)perylene	30.121	276	4266672	41.460	ng	98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031825\
Data File : BP024183.D
Acq On : 18 Mar 2025 12:29
Operator : RC/JU
Sample : PB167171BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB167171BSD

Quant Time: Mar 18 12:49:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 13 05:55:58 2025
Response via : Initial Calibration



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

Manual Integration Report

Sequence:	BP031225	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC005	BP024161.D	Benzaldehyde	anahy	3/13/2025 11:10:33 AM	Jagrut	3/13/2025 11:45:04 AM	Peak Integrated by Software
SSTDICC050	BP024165.D	Pyridine	anahy	3/13/2025 11:11:20 AM	Jagrut	3/13/2025 11:45:07 AM	Peak Integrated by Software
SSTDICC060	BP024166.D	Indeno(1,2,3-cd)pyrene	anahy	3/13/2025 11:38:58 AM	Jagrut	3/13/2025 11:45:09 AM	Peak Integrated by Software
SSTDICC060	BP024166.D	Pyridine	anahy	3/13/2025 11:38:58 AM	Jagrut	3/13/2025 11:45:09 AM	Peak Integrated by Software
SSTDICC080	BP024167.D	Pyridine	anahy	3/13/2025 11:39:57 AM	Jagrut	3/13/2025 11:45:11 AM	Peak Integrated by Software
SSTDICV040	BP024168.D	Benzo(g,h,i)perylene	anahy	3/13/2025 11:40:49 AM	Jagrut	3/13/2025 11:45:14 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BP031825	Instrument	BNA_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB167171BS	BP024182.D	Indeno(1,2,3-cd)pyrene	anahy	3/19/2025 9:13:15 AM			Peak Integrated by Software
PB167171BSD	BP024183.D	Indeno(1,2,3-cd)pyrene	anahy	3/19/2025 9:13:58 AM			Peak Integrated by Software
Q1583-02	BP024185.D	2-Fluorophenol	anahy	3/19/2025 9:14:54 AM			Peak Integrated by Software
Q1583-02	BP024185.D	Benzoic acid	anahy	3/19/2025 9:14:54 AM			Peak Integrated by Software

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Fax : 908 789 8922

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP031225

Review By	anahy	Review On	3/13/2025 11:41:15 AM				
Supervise By	Jagrut	Supervise On	3/17/2025 4:44:19 PM				
SubDirectory	BP031225	HP Acquire Method	BNA_P		HP Processing Method	bp031225	

STD. NAME	STD REF.#
Tune/Reschk	SP6717
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12653,10ul/1000ul sample
ICV/I.BLK	SP6686
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP024159.D	12 Mar 2025 15:36	RC/JU	Ok
2	SSTDICC2.5	BP024160.D	12 Mar 2025 16:17	RC/JU	Ok
3	SSTDICC005	BP024161.D	12 Mar 2025 16:57	RC/JU	Ok,M
4	SSTDICC010	BP024162.D	12 Mar 2025 17:38	RC/JU	Ok
5	SSTDICC020	BP024163.D	12 Mar 2025 18:19	RC/JU	Ok
6	SSTDICCC040	BP024164.D	12 Mar 2025 19:00	RC/JU	Ok
7	SSTDICC050	BP024165.D	12 Mar 2025 19:41	RC/JU	Ok,M
8	SSTDICC060	BP024166.D	12 Mar 2025 20:21	RC/JU	Ok,M
9	SSTDICC080	BP024167.D	12 Mar 2025 21:02	RC/JU	Ok,M
10	SSTDICV040	BP024168.D	12 Mar 2025 21:43	RC/JU	Ok,M
11	PB167078BL	BP024169.D	12 Mar 2025 22:24	RC/JU	Ok

M : Manual Integration

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Fax : 908 789 8922

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP031825

Review By	anahy	Review On	3/19/2025 9:19:50 AM		
Supervise By		Supervise On			
SubDirectory	BP031825	HP Acquire Method	BNA_P	HP Processing Method	bp031225

STD. NAME	STD REF.#
Tune/Reschk	SP6717
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12655,10ul/1000ul sample
ICV/I.BLK	SP6686
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BP024178.D	18 Mar 2025 09:05	RC/JU	Ok
2	SSTDCCC040	BP024179.D	18 Mar 2025 09:46	RC/JU	Ok
3	PB167157BL	BP024180.D	18 Mar 2025 10:26	RC/JU	Ok
4	PB167157BS	BP024181.D	18 Mar 2025 11:07	RC/JU	Ok
5	PB167171BS	BP024182.D	18 Mar 2025 11:48	RC/JU	Ok,NS
6	PB167171BSD	BP024183.D	18 Mar 2025 12:29	RC/JU	Ok,NS
7	PB167171BL	BP024184.D	18 Mar 2025 13:10	RC/JU	Ok
8	Q1583-02	BP024185.D	18 Mar 2025 13:57	RC/JU	Ok,NS

M : Manual Integration

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Fax : 908 789 8922

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP031225

Review By	anahy	Review On	3/13/2025 11:41:15 AM		
Supervise By	Jagrut	Supervise On	3/17/2025 4:44:19 PM		
SubDirectory	BP031225	HP Acquire Method	BNA_P	HP Processing Method	bp031225

STD. NAME	STD REF.#
Tune/Reschk	SP6717
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12653,10ul/1000ul sample
ICV/I.BLK	SP6686
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP024159.D	12 Mar 2025 15:36		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BP024160.D	12 Mar 2025 16:17		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BP024161.D	12 Mar 2025 16:57	Compound #32,54,65 removed from 5ppm	RC/JU	Ok,M
4	SSTDICC010	SSTDICC010	BP024162.D	12 Mar 2025 17:38		RC/JU	Ok
5	SSTDICC020	SSTDICC020	BP024163.D	12 Mar 2025 18:19		RC/JU	Ok
6	SSTDICCC040	SSTDICCC040	BP024164.D	12 Mar 2025 19:00	This calibration is good for 8270E and 8270E DOD methods	RC/JU	Ok
7	SSTDICC050	SSTDICC050	BP024165.D	12 Mar 2025 19:41		RC/JU	Ok,M
8	SSTDICC060	SSTDICC060	BP024166.D	12 Mar 2025 20:21	Compound #69 Removed from 60PPM	RC/JU	Ok,M
9	SSTDICC080	SSTDICC080	BP024167.D	12 Mar 2025 21:02	Compound #32,54,69 Removed from 80PPM	RC/JU	Ok,M
10	SSTDICV040	ICVBP031225	BP024168.D	12 Mar 2025 21:43		RC/JU	Ok,M
11	PB167078BL	PB167078BL	BP024169.D	12 Mar 2025 22:24		RC/JU	Ok

M : Manual Integration

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

Instrument ID: BNA_P

Daily Analysis Runlog For Sequence/QCBatch ID # BP031825

Review By	anahy	Review On	3/19/2025 9:19:50 AM		
Supervise By		Supervise On			
SubDirectory	BP031825	HP Acquire Method	BNA_P	HP Processing Method	bp031225

STD. NAME	STD REF.#
Tune/Reschk	SP6717
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12655,10ul/1000ul sample
ICV/I.BLK	SP6686
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	DFTPP	DFTPP	BP024178.D	18 Mar 2025 09:05		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BP024179.D	18 Mar 2025 09:46		RC/JU	Ok
3	PB167157BL	PB167157BL	BP024180.D	18 Mar 2025 10:26		RC/JU	Ok
4	PB167157BS	PB167157BS	BP024181.D	18 Mar 2025 11:07		RC/JU	Ok
5	PB167171BS	PB167171BS	BP024182.D	18 Mar 2025 11:48		RC/JU	Ok,NS
6	PB167171BSD	PB167171BSD	BP024183.D	18 Mar 2025 12:29		RC/JU	Ok,NS
7	PB167171BL	PB167171BL	BP024184.D	18 Mar 2025 13:10		RC/JU	Ok
8	Q1583-02	EFF-WASTE WATER	BP024185.D	18 Mar 2025 13:57	Surrogate Fail	RC/JU	Ok,NS

M : Manual Integration

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB167171

SOP ID:	M625.1-BNA-20				
Clean Up SOP #:	N/A			**Extraction Start Date :**	03/17/2025
Matrix :	Water			**Extraction Start Time :**	09:15
Weigh By:	N/A	**Extraction By:**	RS	**Extraction End Date :**	03/17/2025
Balance check:	N/A	**Filter By:**	RS	**Extraction End Time :**	14:15
Balance ID:	N/A	**pH Meter ID:**	N/A	**Concentration By:**	EH
pH Strip Lot#:	E3574	**Hood ID:**	4,6,7	**Supervisor By :**	RUPESH

Extraction Method: ☑ Seperatory Funnel ☐ Continious Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☐ Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	50/100 PPM	SP6720
Surrogate	1.0ML	100 PPM	SP6640
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	E3904
Baked Na2SO4	N/A	EP2593
10N NaoH	N/A	EP2559
H2SO4 1:1	N/A	EP2565
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# 2210673. 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
3/17/25	RS (BCA-lab)	Rel SVOC
16:20	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB167171

Analytical Method: M625.1-BNA-20

Concentration Date: 03/17/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB167171BL	SBLK171	SVOCMS Group1	1000	6	RUPESH	ritesh	1			SEP-1
PB167171BS	SLCS171	SVOCMS Group1	1000	6	RUPESH	ritesh	1			2
PB167171BSD	SLCSD171	SVOCMS Group1	1000	6	RUPESH	ritesh	1			3
Q1583-02	EFF-WASTE WATER	SVOCMS Group1	890	6	RUPESH	ritesh	1	C		4

RJ
3/17

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

167174
9:15

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q1583 **WorkList ID :** 188318 **Department :** Extraction **Date :** 03-17-2025 08:37:23

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1583-02	EFF-WASTE WATER	Water	SVOCMS Group1	Cool 4 deg C	ARDM01	F11	03/14/2025	625.1

Date/Time 3/17/25 9:10
Raw Sample Received by: RS (FSA-Lab)
Raw Sample Relinquished by: AL SM

Date/Time 3/17/25 9:50
Raw Sample Received by: AL SM
Raw Sample Relinquished by: RS (FSA-Lab)

SHIPPING DOCUMENTS

CHEMTECH
CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 • Fax (908) 789-8922
www.chemtech.net

CHEMTECH PROJECT NO. Q1583
QUOTE NO.
COC Number 2041674

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: ARDMORE INC
ADDRESS: 29 RIVERSIDE Ave Bldg #4
CITY Newark NJ STATE: ZIP: 07104
ATTENTION: MICHAEL Sharphouse
PHONE: 973 481 2406 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: PVSC Monthly 2025
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): STANDARD DAYS*
EDD: _____ DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS DAYS

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 CN
3 SVOA
4 BOD/TSS
5 METALS
6
7
8
9

CHEMTECH 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.	EFF WASTE WATER	WW		X	3/19/25	9:45 AM		X	X								pH 12
2.	EFF WASTE WATER	WW	X		3/19/25	9:00 - 9:10				X	X	X					pH 1.9
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

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

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

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	3/19/25 10 AM	1. Albert Sharphouse
2.	3-19-25 1345	2.
3.		3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 2.1-C °C
Comments: METALS ZINC LEAD COPPER, Mercury Nickle Ed
IR Gun #1

Page ____ of ____

CLIENT: ☐ Hand Delivered ☐ Other _____
CHEMTECH: ☐ Picked Up ☐ Field Sampling

Shipment Complete ☐ YES ☐ NO

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

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

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488

QA Control Code: A2070148

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q1583 ARDM01
Client Name : Ardmore Chemical
Client Contact : Michael Sharphouse
Invoice Name : Ardmore Chemical
Invoice Contact : Michael Sharphouse

Order Date : 3/14/2025 1:50:00 PM
Project Name : PVSC Monthly 2025
Receive DateTime : 3/14/2025 1:45:00 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
Q1583-01	EFF-WASTE WATER	Water	03/14/2025	09:45					
					VOC-PP		624.1		10 Bus. Days

Relinguished By : OP
Date / Time : 3-14-25 14:05

Received By : [signature]
Date / Time : 3.14.25 14:05

Storage Area : VOA Refridgerator Room