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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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LAB CHRONICLE

OrderID:	Q1456	**OrderDate:**	2/27/2025 12:51:00 PM
Client:	Ardmore Chemical	**Project:**	PVSC Monthly 2025
Contact:	Michael Sharphouse	**Location:**	H11,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1456-02	**EFF-WASTE WATER**	**Water**			**02/27/25**			**02/27/25**
			SVOCMS Group1	625.1		02/28/25	02/28/25	

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Hit Summary Sheet
SW-846

SDG No.: Q1456

Client: Ardmore Chemical

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID :	**EFF-WASTE WATER**							
Q1456-02	EFF-WASTE WATER	WATER	Phenol	3.200	J	1.1	5.7	ug/L
Q1456-02	EFF-WASTE WATER	WATER	Diethylphthalate	3.900	J	1.2	5.7	ug/L
Q1456-02	EFF-WASTE WATER	WATER	Pentachlorophenol	12.300		2.1	11.5	ug/L
Q1456-02	EFF-WASTE WATER	WATER	Di-n-butylphthalate	3.500	J	1.7	5.7	ug/L
			Total Svoc :	**22.90**				
			Total Concentration:	**22.90**				

QC SUMMARY

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Surrogate Summary

SW-846

SDG No.: Q1456

Client: Ardmore Chemical

Analytical Method: 625.1

Lab Sample ID	Client ID	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB166933BL	PB166933BL	2-Fluorophenol	100	102	102		60	140
		Phenol-d6	100	92.4	92		60	140
		Nitrobenzene-d5	100	109	109		60	140
		2-Fluorobiphenyl	100	116	116		60	140
		2,4,6-Tribromophenol	100	96.2	96		60	140
		Terphenyl-d14	100	130	130		60	140
PB166933BS	PB166933BS	2-Fluorophenol	100	97.6	98		60	140
		Phenol-d6	100	90.5	90		60	140
		Nitrobenzene-d5	100	102	102		60	140
		2-Fluorobiphenyl	100	107	107		60	140
		2,4,6-Tribromophenol	100	104	104		60	140
		Terphenyl-d14	100	106	106		60	140
PB166933BSD	PB166933BSD	2-Fluorophenol	100	93.3	93		60	140
		Phenol-d6	100	85.9	86		60	140
		Nitrobenzene-d5	100	100	100		60	140
		2-Fluorobiphenyl	100	105	105		60	140
		2,4,6-Tribromophenol	100	100	100		60	140
		Terphenyl-d14	100	105	105		60	140
Q1456-02	EFF-WASTE WATER	2-Fluorophenol	100	46.6	47	*	60	140
		Phenol-d6	100	28.9	29	*	60	140
		Nitrobenzene-d5	100	102	102		60	140
		2-Fluorobiphenyl	100	95.2	95		60	140
		2,4,6-Tribromophenol	100	124	124		60	140
		Terphenyl-d14	100	85.6	86		60	140

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1456

Client: Ardmore Chemical

Analytical Method: 625.1 **DataFile:** BM049678.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB166933BS	n-Nitrosodimethylamine	50	38.0	ug/L	76				52	110	
	Phenol	50	42.1	ug/L	84				48	130	
	bis(2-Chloroethyl)ether	50	41.1	ug/L	82				52	130	
	2-Chlorophenol	50	42.3	ug/L	85				55	130	
	2,2-oxybis(1-Chloropropane)	50	37.5	ug/L	75				63	139	
	N-Nitroso-di-n-propylamine	50	38.7	ug/L	77				59	170	
	Hexachloroethane	50	43.5	ug/L	87				55	130	
	Nitrobenzene	50	44.5	ug/L	89				54	158	
	Isophorone	50	41.6	ug/L	83				52	180	
	2-Nitrophenol	50	52.3	ug/L	105				61	163	
	2,4-Dimethylphenol	50	53.8	ug/L	108				58	130	
	bis(2-Chloroethoxy)methane	50	42.3	ug/L	85				52	164	
	2,4-Dichlorophenol	50	48.1	ug/L	96				64	130	
	1,2,4-Trichlorobenzene	50	46.6	ug/L	93				44	142	
	Naphthalene	50	42.3	ug/L	85				70	130	
	Hexachlorobutadiene	50	49.3	ug/L	99				68	130	
	4-Chloro-3-methylphenol	50	41.5	ug/L	83				68	130	
	Hexachlorocyclopentadiene	100	290	ug/L	290		*		21	137	
	2,4,6-Trichlorophenol	50	53.7	ug/L	107				69	130	
	2-Chloronaphthalene	50	46.4	ug/L	93				70	130	
	Dimethylphthalate	50	43.2	ug/L	86				50	130	
	Acenaphthylene	50	46.8	ug/L	94				60	130	
	2,6-Dinitrotoluene	50	50.6	ug/L	101				68	137	
	Acenaphthene	50	50.3	ug/L	101				70	130	
	2,4-Dinitrophenol	100	120	ug/L	120				39	173	
	4-Nitrophenol	100	110	ug/L	110				35	130	
	2,4-Dinitrotoluene	50	49.7	ug/L	99				53	130	
	Diethylphthalate	50	40.6	ug/L	81				47	130	
	4-Chlorophenyl-phenylether	50	44.1	ug/L	88				57	145	
	Fluorene	50	43.7	ug/L	87				70	130	
	4,6-Dinitro-2-methylphenol	50	65.6	ug/L	131		*		56	130	
	N-Nitrosodiphenylamine	50	46.4	ug/L	93				63	100	
	Azobenzene	50	37.6	ug/L	75				58	105	
	4-Bromophenyl-phenylether	50	46.3	ug/L	93				70	130	
	Hexachlorobenzene	50	45.4	ug/L	91				38	142	
	Pentachlorophenol	100	91.1	ug/L	91				42	152	
	Phenanthrene	50	46.0	ug/L	92				67	130	
	Anthracene	50	46.8	ug/L	94				58	130	
	Di-n-butylphthalate	50	40.5	ug/L	81				52	130	
	Fluoranthene	50	43.6	ug/L	87				47	130	
	Benzidine	100	130	ug/L	130				10	133	
	Pyrene	50	42.8	ug/L	86				70	130	
	Butylbenzylphthalate	50	44.6	ug/L	89				43	140	
	3,3-Dichlorobenzidine	50	39.6	ug/L	79				18	213	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1456

Client: Ardmore Chemical

Analytical Method: 625.1 **DataFile:** BM049678.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB166933BS	Benzo(a)anthracene	50	46.5	ug/L	93				42	133	
	Chrysene	50	45.9	ug/L	92				44	140	
	bis(2-Ethylhexyl)phthalate	50	41.3	ug/L	83				43	137	
	Di-n-octyl phthalate	50	40.1	ug/L	80				21	132	
	Benzo(b)fluoranthene	50	42.6	ug/L	85				42	140	
	Benzo(k)fluoranthene	50	45.8	ug/L	92				25	146	
	Benzo(a)pyrene	50	52.3	ug/L	105				32	148	
	Indeno(1,2,3-cd)pyrene	50	68.3	ug/L	137				13	151	
	Dibenz(a,h)anthracene	50	71.6	ug/L	143				13	200	
	Benzo(g,h,i)perylene	50	59.4	ug/L	119				13	195	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1456

Client: Ardmore Chemical

Analytical Method: 625.1 **DataFile:** BM049679.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB166933BSD	n-Nitrosodimethylamine	50	36.7	ug/L	73	3			52	110	20
	Phenol	50	39.9	ug/L	80	5			48	130	20
	bis(2-Chloroethyl)ether	50	39.2	ug/L	78	5			52	130	20
	2-Chlorophenol	50	40.4	ug/L	81	5			55	130	20
	2,2-oxybis(1-Chloropropane)	50	36.2	ug/L	72	4			63	139	20
	N-Nitroso-di-n-propylamine	50	36.5	ug/L	73	6			59	170	20
	Hexachloroethane	50	41.5	ug/L	83	5			55	130	20
	Nitrobenzene	50	43.3	ug/L	87	3			54	158	20
	Isophorone	50	41.1	ug/L	82	1			52	180	20
	2-Nitrophenol	50	52.0	ug/L	104	1			61	163	20
	2,4-Dimethylphenol	50	53.2	ug/L	106	1			58	130	20
	bis(2-Chloroethoxy)methane	50	41.7	ug/L	83	1			52	164	20
	2,4-Dichlorophenol	50	47.3	ug/L	95	2			64	130	20
	1,2,4-Trichlorobenzene	50	46.2	ug/L	92	1			44	142	20
	Naphthalene	50	41.6	ug/L	83	2			70	130	20
	Hexachlorobutadiene	50	49.1	ug/L	98	0			68	130	20
	4-Chloro-3-methylphenol	50	40.6	ug/L	81	2			68	130	20
	Hexachlorocyclopentadiene	100	280	ug/L	280	4	*		21	137	20
	2,4,6-Trichlorophenol	50	52.5	ug/L	105	2			69	130	20
	2-Chloronaphthalene	50	45.5	ug/L	91	2			70	130	20
	Dimethylphthalate	50	42.1	ug/L	84	3			50	130	20
	Acenaphthylene	50	45.4	ug/L	91	3			60	130	20
	2,6-Dinitrotoluene	50	49.4	ug/L	99	2			68	137	20
	Acenaphthene	50	48.7	ug/L	97	3			70	130	20
	2,4-Dinitrophenol	100	110	ug/L	110	9			39	173	20
	4-Nitrophenol	100	110	ug/L	110	0			35	130	20
	2,4-Dinitrotoluene	50	48.4	ug/L	97	3			53	130	20
	Diethylphthalate	50	39.5	ug/L	79	3			47	130	20
	4-Chlorophenyl-phenylether	50	43.0	ug/L	86	3			57	145	20
	Fluorene	50	42.6	ug/L	85	3			70	130	20
	4,6-Dinitro-2-methylphenol	50	64.3	ug/L	129	2			56	130	20
	N-Nitrosodiphenylamine	50	45.1	ug/L	90	3			63	100	20
	Azobenzene	50	36.4	ug/L	73	3			58	105	20
	4-Bromophenyl-phenylether	50	44.8	ug/L	90	3			70	130	20
	Hexachlorobenzene	50	44.1	ug/L	88	3			38	142	20
	Pentachlorophenol	100	87.5	ug/L	88	4			42	152	20
	Phenanthrene	50	44.5	ug/L	89	3			67	130	20
	Anthracene	50	45.2	ug/L	90	3			58	130	20
	Di-n-butylphthalate	50	39.2	ug/L	78	3			52	130	20
	Fluoranthene	50	42.3	ug/L	85	3			47	130	20
	Benzidine	100	120	ug/L	120	8			10	133	20
	Pyrene	50	42.2	ug/L	84	1			70	130	20
	Butylbenzylphthalate	50	43.9	ug/L	88	2			43	140	20
	3,3-Dichlorobenzidine	50	37.4	ug/L	75	6			18	213	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q1456

Client: Ardmore Chemical

Analytical Method: 625.1 **DataFile:** BM049679.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB166933BSD	Benzo(a)anthracene	50	45.4	ug/L	91	2			42	133	20
	Chrysene	50	44.8	ug/L	90	2			44	140	20
	bis(2-Ethylhexyl)phthalate	50	40.4	ug/L	81	2			43	137	20
	Di-n-octyl phthalate	50	38.6	ug/L	77	4			21	132	20
	Benzo(b)fluoranthene	50	41.9	ug/L	84	2			42	140	20
	Benzo(k)fluoranthene	50	44.7	ug/L	89	2			25	146	20
	Benzo(a)pyrene	50	51.2	ug/L	102	2			32	148	20
	Indeno(1,2,3-cd)pyrene	50	67.4	ug/L	135	1			13	151	20
	Dibenz(a,h)anthracene	50	70.2	ug/L	140	2			13	200	20
	Benzo(g,h,i)perylene	50	58.8	ug/L	118	1			13	195	20

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB166933BL

Lab Name: CHEMTECH Contract: ARDM01

Lab Code: CHEM Case No.: Q1456 SAS No.: Q1456 SDG NO.: Q1456

Lab File ID: BM049680.D Lab Sample ID: PB166933BL

Instrument ID: BNA_M Date Extracted: 02/28/2025

Matrix: (soil/water) Water Date Analyzed: 02/28/2025

Level: (low/med) LOW Time Analyzed: 15:52

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB166933BS	PB166933BS	BM049678.D	02/28/2025
PB166933BSD	PB166933BSD	BM049679.D	02/28/2025
EFF-WASTE WATER	Q1456-02	BM049681.D	02/28/2025

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.: Q1456 SDG NO.: Q1456

Lab File ID: BM049563.D DFTPP Injection Date: 02/05/2025

Instrument ID: BNA_M DFTPP Injection Time: 10:26

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	30.3
68	Less than 2.0% of mass 69	0.5 (1.6) 1
69	Mass 69 relative abundance	34.6
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	40.5
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
275	10.0 - 60.0% of mass 198	25.7
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	12.4
442	Greater than 50% of mass 198	78.9
443	15.0 - 24.0% of mass 442	14.9 (18.8) 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	BM049564.D	02/05/2025	11:05
SSTDICC005	SSTDICC005	BM049565.D	02/05/2025	11:44
SSTDICC010	SSTDICC010	BM049566.D	02/05/2025	12:23
SSTDICC020	SSTDICC020	BM049567.D	02/05/2025	13:02
SSTDICCC040	SSTDICCC040	BM049568.D	02/05/2025	13:40
SSTDICC050	SSTDICC050	BM049569.D	02/05/2025	14:19
SSTDICC060	SSTDICC060	BM049570.D	02/05/2025	14:58
SSTDICC080	SSTDICC080	BM049571.D	02/05/2025	15:38

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.: Q1456 SDG NO.: Q1456

Lab File ID: BM049674.D DFTPP Injection Date: 02/28/2025

Instrument ID: BNA_M DFTPP Injection Time: 09:17

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	32
68	Less than 2.0% of mass 69	0.6 (1.7) 1
69	Mass 69 relative abundance	37.4
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	42.6
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	24.1
365	Greater than 1% of mass 198	3.3
441	Present, but less than mass 443	10.2
442	Greater than 50% of mass 198	62.7
443	15.0 - 24.0% of mass 442	12.3 (19.7) 2

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

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BM049675.D	02/28/2025	10:38
PB166933BS	PB166933BS	BM049678.D	02/28/2025	14:33
PB166933BSD	PB166933BSD	BM049679.D	02/28/2025	15:12
PB166933BL	PB166933BL	BM049680.D	02/28/2025	15:52
EFF-WASTE WATER	Q1456-02	BM049681.D	02/28/2025	16:36

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: Q1456 SAS No.: Q1456 SDG NO.: Q1456

EPA Sample No.: SSTDCCC040 Date Analyzed: 02/28/2025

Lab File ID: BM049675.D Time Analyzed: 10:38

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	259599	7.804	912828	10.60	573813	14.45
	UPPER LIMIT	519198	8.304	1825660	11.104	1147630	14.945
	LOWER LIMIT	129800	7.304	456414	10.104	286907	13.945
	EPA SAMPLE NO.						
01	PB166933BS	268342	7.81	912905	10.60	538676	14.45
02	PB166933BL	267882	7.81	881999	10.60	497065	14.44
03	PB166933BSD	281345	7.80	926819	10.60	548450	14.45
04	EFF-WASTE WATER	262882	7.80	956753	10.60	659772	14.45

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.: Q1456 SAS No.: Q1456 SDG NO.: Q1456

EPA Sample No.: SSTDCCC040 Date Analyzed: 02/28/2025

Lab File ID: BM049675.D Time Analyzed: 10:38

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	1136900	17.186	1199040	21.421	1107920	24.433
	UPPER LIMIT	2273800	17.686	2398080	21.921	2215840	24.933
	LOWER LIMIT	568450	16.686	599520	20.921	553960	23.933
	EPA SAMPLE NO.						
01	PB166933BS	982355	17.19	942998	21.42	930406	24.43
02	PB166933BL	897905	17.18	738243	21.42	796061	24.43
03	PB166933BSD	998908	17.19	927156	21.42	893436	24.43
04	EFF-WASTE WATER	1424350	17.19	1790070	21.43	1614010	24.44

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: **BM049681.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:	02/27/25
Project:	PVSC Monthly 2025	Date Received:	02/27/25
Client Sample ID:	EFF-WASTE WATER	SDG No.:	Q1456
Lab Sample ID:	Q1456-02	Matrix:	Water
Analytical Method:	625.1	% Solid:	0
Sample Wt/Vol:	870 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
BM049681.D	1	02/28/25 08:40	02/28/25 16:36	PB166933

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
62-75-9	n-Nitrosodimethylamine	1.20	U	1.20	11.5	ug/L
108-95-2	Phenol	3.20	J	1.10	5.70	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.40	U	1.40	5.70	ug/L
95-57-8	2-Chlorophenol	0.82	U	0.82	5.70	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.60	U	1.60	5.70	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.70	U	1.70	5.70	ug/L
67-72-1	Hexachloroethane	1.20	U	1.20	5.70	ug/L
98-95-3	Nitrobenzene	1.50	U	1.50	5.70	ug/L
78-59-1	Isophorone	1.30	U	1.30	5.70	ug/L
88-75-5	2-Nitrophenol	2.30	U	2.30	5.70	ug/L
105-67-9	2,4-Dimethylphenol	1.70	U	1.70	5.70	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.20	U	1.20	5.70	ug/L
120-83-2	2,4-Dichlorophenol	1.00	U	1.00	5.70	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.30	U	1.30	5.70	ug/L
91-20-3	Naphthalene	1.20	U	1.20	5.70	ug/L
87-68-3	Hexachlorobutadiene	1.50	U	1.50	5.70	ug/L
59-50-7	4-Chloro-3-methylphenol	0.97	U	0.97	5.70	ug/L
77-47-4	Hexachlorocyclopentadiene	5.80	UQ	5.80	11.5	ug/L
88-06-2	2,4,6-Trichlorophenol	1.00	U	1.00	5.70	ug/L
91-58-7	2-Chloronaphthalene	1.10	U	1.10	5.70	ug/L
131-11-3	Dimethylphthalate	1.10	U	1.10	5.70	ug/L
208-96-8	Acenaphthylene	1.20	U	1.20	5.70	ug/L
606-20-2	2,6-Dinitrotoluene	1.40	U	1.40	5.70	ug/L
83-32-9	Acenaphthene	0.93	U	0.93	5.70	ug/L
51-28-5	2,4-Dinitrophenol	7.40	U	7.40	11.5	ug/L
100-02-7	4-Nitrophenol	2.30	U	2.30	11.5	ug/L
121-14-2	2,4-Dinitrotoluene	1.70	U	1.70	5.70	ug/L
84-66-2	Diethylphthalate	3.90	J	1.20	5.70	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.10	U	1.10	5.70	ug/L

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Ardmore Chemical	Date Collected:	02/27/25
Project:	PVSC Monthly 2025	Date Received:	02/27/25
Client Sample ID:	EFF-WASTE WATER	SDG No.:	Q1456
Lab Sample ID:	Q1456-02	Matrix:	Water
Analytical Method:	625.1	% Solid:	0
Sample Wt/Vol:	870 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
BM049681.D	1	02/28/25 08:40	02/28/25 16:36	PB166933

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
86-73-7	Fluorene	1.10	U	1.10	5.70	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.50	UQ	3.50	11.5	ug/L
86-30-6	n-Nitrosodiphenylamine	1.00	U	1.00	5.70	ug/L
103-33-3	Azobenzene	1.40	U	1.40	5.70	ug/L
101-55-3	4-Bromophenyl-phenylether	1.10	U	1.10	5.70	ug/L
118-74-1	Hexachlorobenzene	1.30	U	1.30	5.70	ug/L
87-86-5	Pentachlorophenol	12.3		2.10	11.5	ug/L
85-01-8	Phenanthrene	1.00	U	1.00	5.70	ug/L
120-12-7	Anthracene	1.20	U	1.20	5.70	ug/L
84-74-2	Di-n-butylphthalate	3.50	J	1.70	5.70	ug/L
206-44-0	Fluoranthene	1.50	U	1.50	5.70	ug/L
92-87-5	Benzidine	4.70	U	4.70	11.5	ug/L
129-00-0	Pyrene	1.20	U	1.20	5.70	ug/L
85-68-7	Butylbenzylphthalate	2.40	U	2.40	5.70	ug/L
91-94-1	3,3-Dichlorobenzidine	1.50	U	1.50	11.5	ug/L
56-55-3	Benzo(a)anthracene	1.10	U	1.10	5.70	ug/L
218-01-9	Chrysene	0.99	U	0.99	5.70	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	2.20	U	2.20	5.70	ug/L
117-84-0	Di-n-octyl phthalate	2.90	U	2.90	11.5	ug/L
205-99-2	Benzo(b)fluoranthene	1.30	U	1.30	5.70	ug/L
207-08-9	Benzo(k)fluoranthene	1.40	U	1.40	5.70	ug/L
50-32-8	Benzo(a)pyrene	1.90	U	1.90	5.70	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.20	U	1.20	5.70	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.30	U	1.30	5.70	ug/L
191-24-2	Benzo(g,h,i)perylene	1.40	U	1.40	5.70	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	46.6	*	60 - 140	47%	SPK: 100
13127-88-3	Phenol-d6	28.9	*	60 - 140	29%	SPK: 100
4165-60-0	Nitrobenzene-d5	102		60 - 140	102%	SPK: 100
321-60-8	2-Fluorobiphenyl	95.2		60 - 140	95%	SPK: 100

Raw Data: **BM049681.D**

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	Ardmore Chemical	Date Collected:	02/27/25
Project:	PVSC Monthly 2025	Date Received:	02/27/25
Client Sample ID:	EFF-WASTE WATER	SDG No.:	Q1456
Lab Sample ID:	Q1456-02	Matrix:	Water
Analytical Method:	625.1	% Solid:	0
Sample Wt/Vol:	870 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
BM049681.D	1	02/28/25 08:40	02/28/25 16:36	PB166933

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	124		60 - 140	124%	SPK: 100
1718-51-0	Terphenyl-d14	85.6		60 - 140	86%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	263000	7.804			
1146-65-2	Naphthalene-d8	957000	10.598			
15067-26-2	Acenaphthene-d10	660000	14.445			
1517-22-2	Phenanthrene-d10	1420000	17.186			
1719-03-5	Chrysene-d12	1790000	21.427			
1520-96-3	Perylene-d12	1610000	24.439			

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_M\Data\BM022825\
Data File : BM049681.D
Acq On : 28 Feb 2025 16:36
Operator : RC/JU
Sample : Q1456-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EFF-WASTE WATER

Quant Time: Feb 28 17:10:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 04:55:28 2025
Response via : Initial Calibration

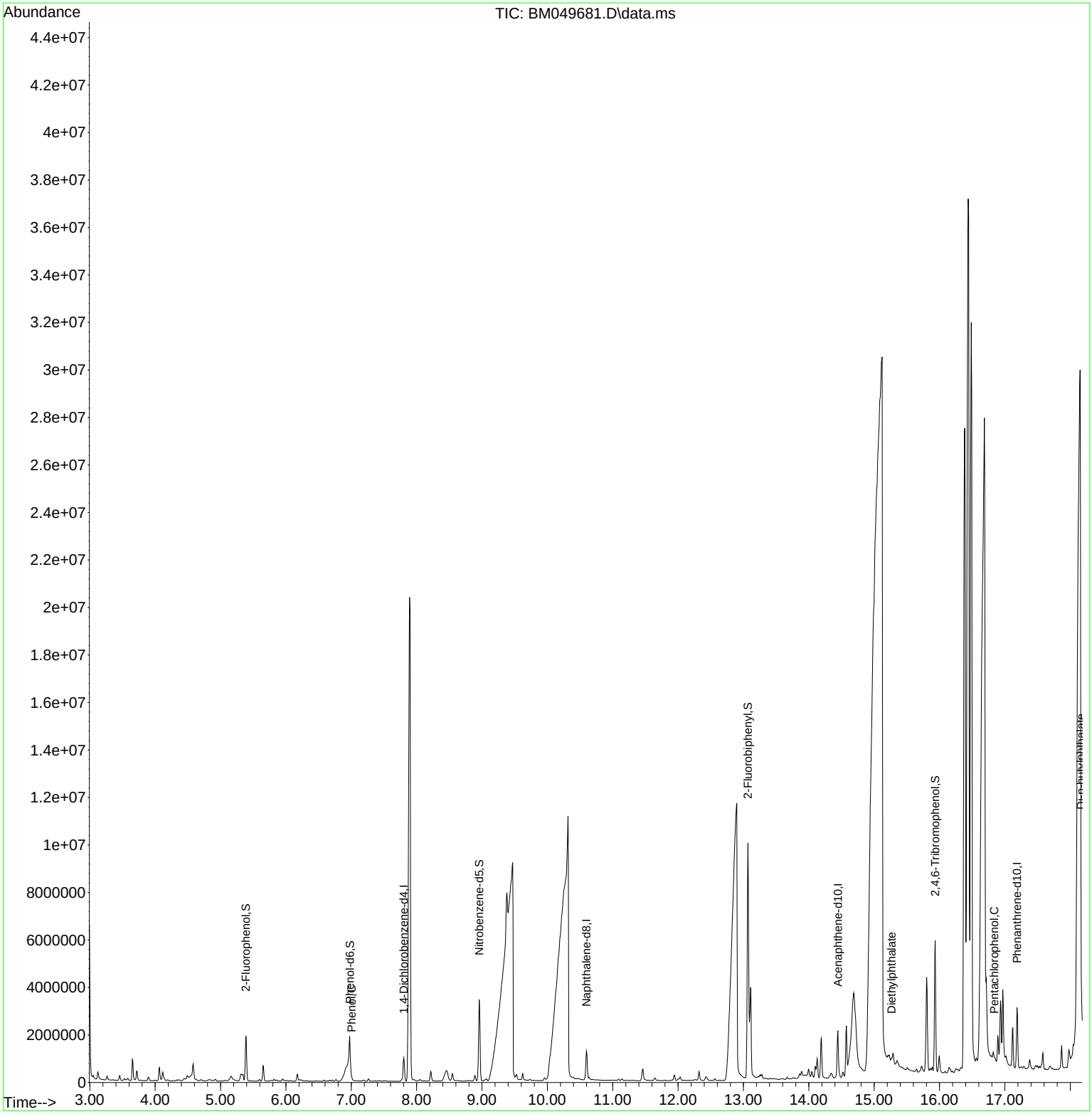
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	262882	20.000	ng	-0.02
21) Naphthalene-d8	10.598	136	956753	20.000	ng	-0.03
39) Acenaphthene-d10	14.445	164	659772	20.000	ng	-0.02
64) Phenanthrene-d10	17.186	188	1424347	20.000	ng	-0.02
76) Chrysene-d12	21.427	240	1790067	20.000	ng	-0.02
86) Perylene-d12	24.439	264	1614006	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	762276	46.630	ng	0.00
7) Phenol-d6	6.981	99	619987	28.948	ng	0.00
23) Nitrobenzene-d5	8.957	82	1904665	102.399	ng	-0.02
42) 2,4,6-Tribromophenol	15.933	330	972101	124.345	ng	-0.02
45) 2-Fluorobiphenyl	13.069	172	4847076	95.172	ng	-0.02
79) Terphenyl-d14	19.815	244	10036283	85.616	ng	-0.02
Target Compounds						Qvalue
10) Phenol	7.004	94	58662	2.781	ng	96
60) Diethylphthalate	15.269	149	160810	3.377	ng	98
70) Pentachlorophenol	16.839	266	42013	10.675	ng	96
74) Di-n-butylphthalate	18.163	149	274438	3.067	ng	97

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022825\
Data File : BM049681.D
Acq On : 28 Feb 2025 16:36
Operator : RC/JU
Sample : Q1456-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EFF-WASTE WATER

Quant Time: Feb 28 17:10:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 04:55:28 2025
Response via : Initial Calibration

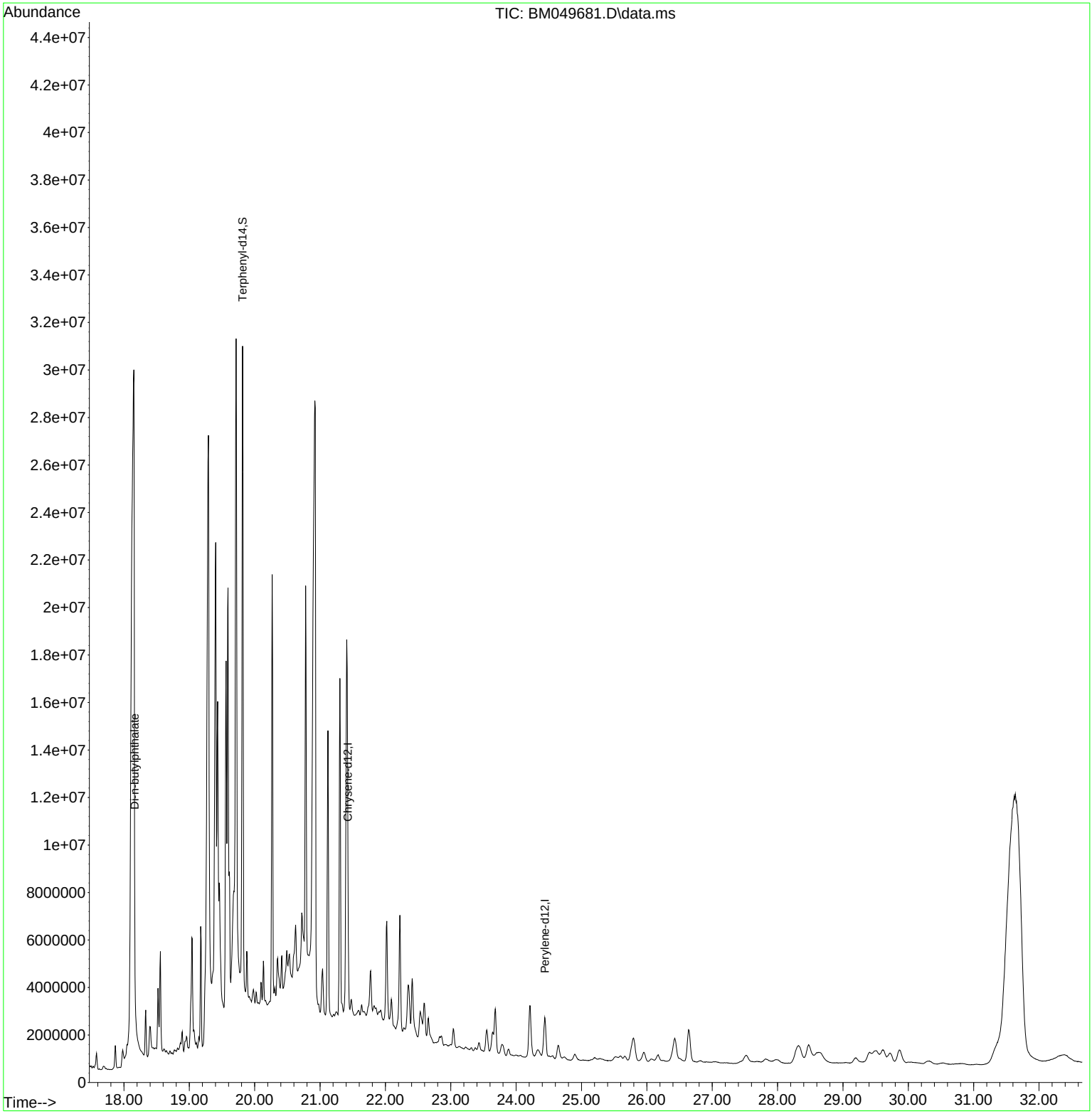


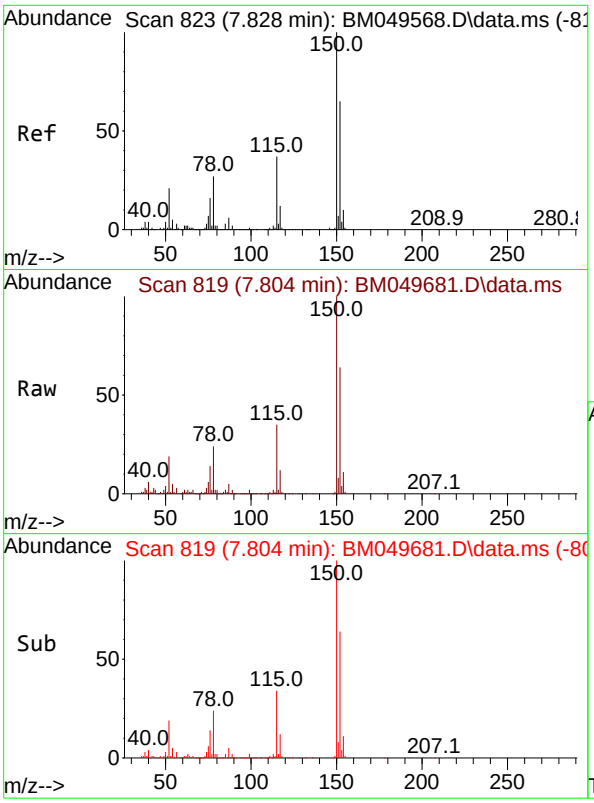
Sample Results: **BM049681.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022825\
Data File : BM049681.D
Acq On : 28 Feb 2025 16:36
Operator : RC/JU
Sample : Q1456-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EFF-WASTE WATER

Quant Time: Feb 28 17:10:56 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 04:55:28 2025
Response via : Initial Calibration



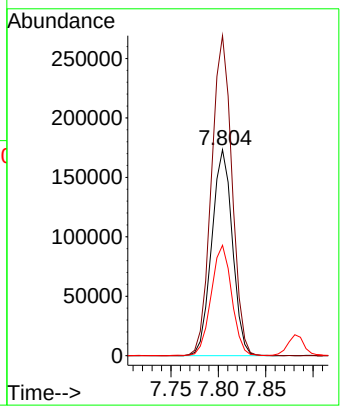


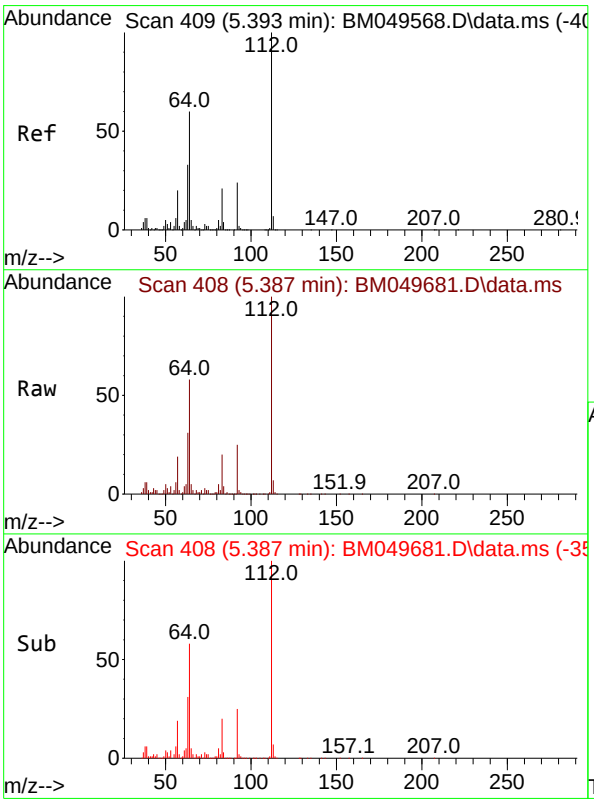
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.804 min Scan# 81
Delta R.T. -0.024 min
Lab File: BM049681.D
Acq: 28 Feb 2025 16:36

Instrument :
BNA_M
ClientSampleId :
EFF-WASTE WATER

Tgt Ion:152 Resp: 262882

Ion	Ratio	Lower	Upper
152	100		
150	155.4	122.6	184.0
115	53.6	45.4	68.0

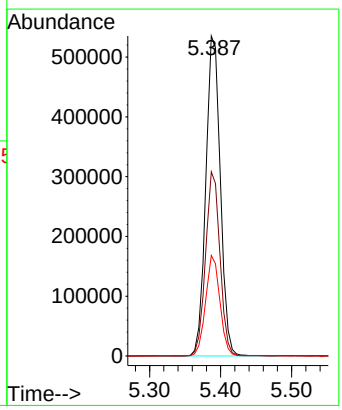


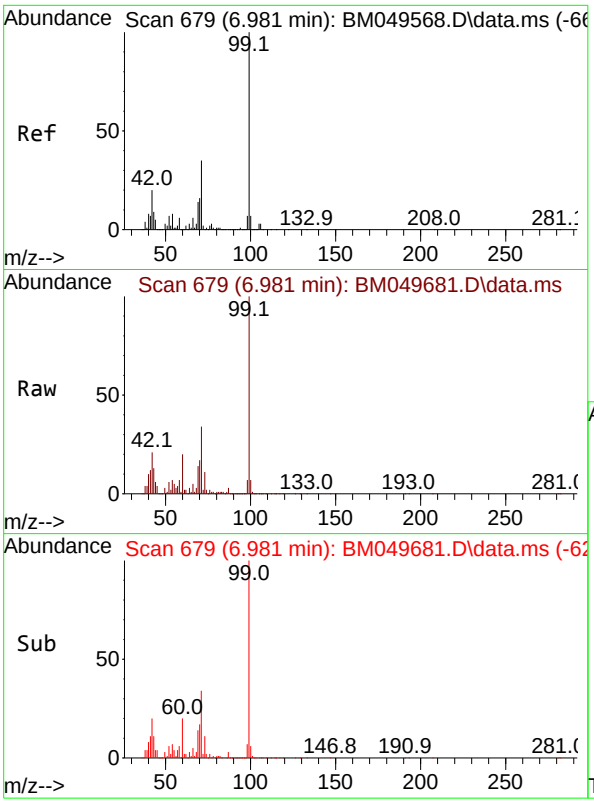


#5
2-Fluorophenol
Concen: 46.630 ng
RT: 5.387 min Scan# 408
Delta R.T. -0.006 min
Lab File: BM049681.D
Acq: 28 Feb 2025 16:36

Tgt Ion:112 Resp: 762276

Ion	Ratio	Lower	Upper
112	100		
64	57.6	47.8	71.8
63	31.4	26.2	39.4



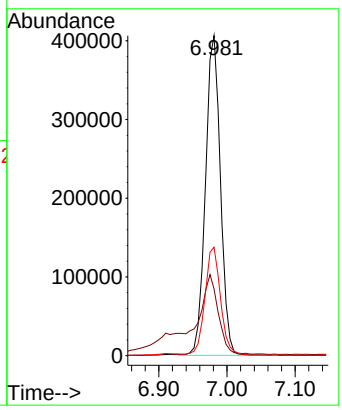


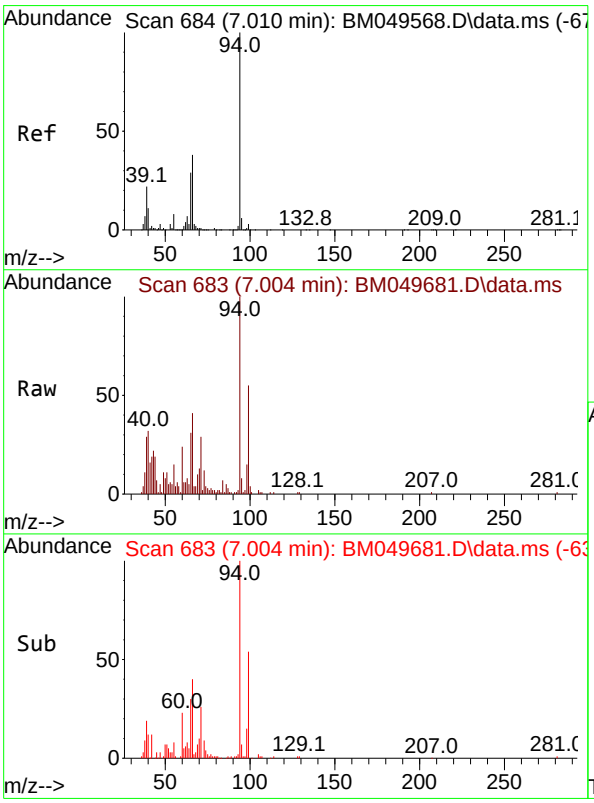
#7
Phenol-d6
Concen: 28.948 ng
RT: 6.981 min Scan# 6
Delta R.T. 0.000 min
Lab File: BM049681.D
Acq: 28 Feb 2025 16:36

Instrument :
BNA_M
ClientSampleId :
EFF-WASTE WATER

Tgt Ion: 99 Resp: 619987

Ion	Ratio	Lower	Upper
99	100		
42	20.9	16.0	24.0
71	33.9	27.8	41.6

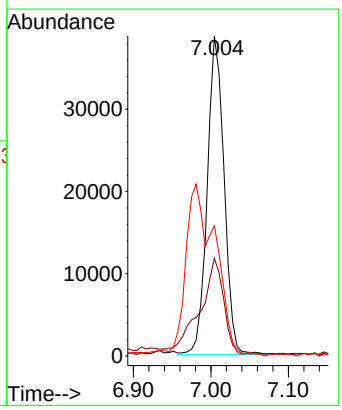


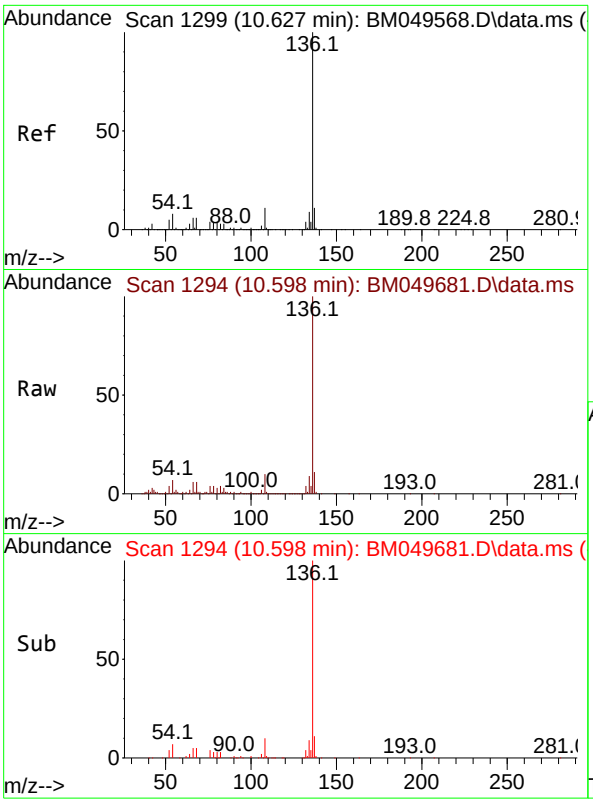


#10
Phenol
Concen: 2.781 ng
RT: 7.004 min Scan# 683
Delta R.T. -0.006 min
Lab File: BM049681.D
Acq: 28 Feb 2025 16:36

Tgt Ion: 94 Resp: 58662

Ion	Ratio	Lower	Upper
94	100		
65	30.6	9.3	49.3
66	40.7	17.7	57.7



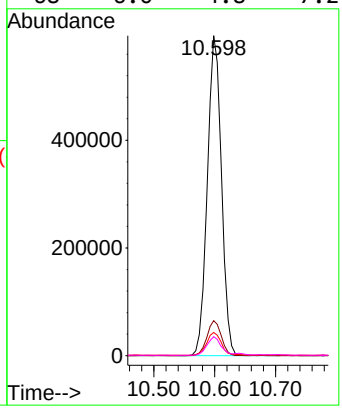


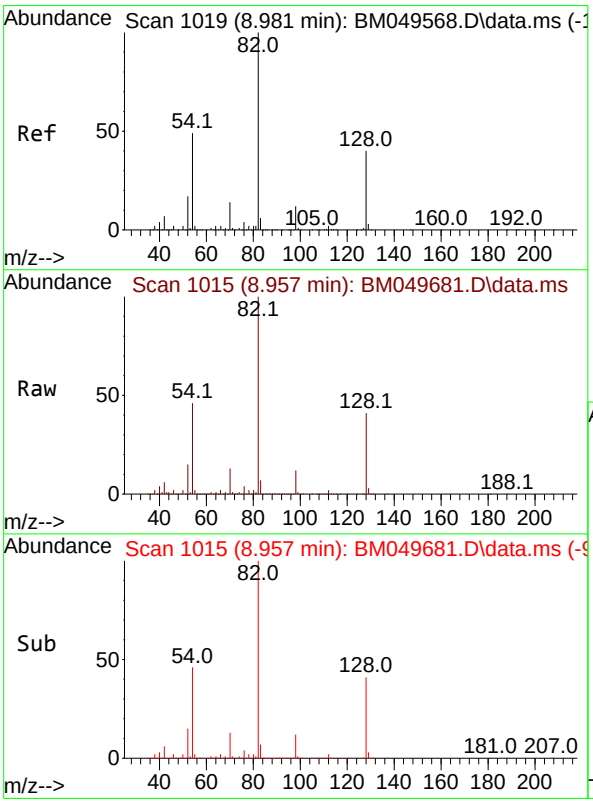
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.598 min Scan# 1
Delta R.T. -0.029 min
Lab File: BM049681.D
Acq: 28 Feb 2025 16:36

Instrument :
BNA_M
ClientSampleId :
EFF-WASTE WATER

Tgt Ion:136 Resp: 956753

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	7.2	6.6	10.0
68	6.0	4.8	7.2

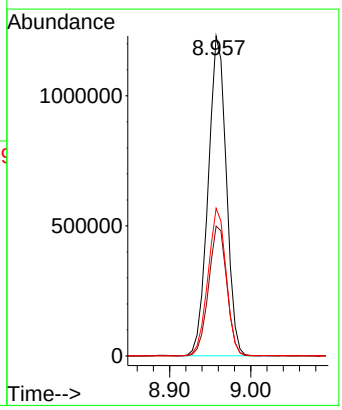


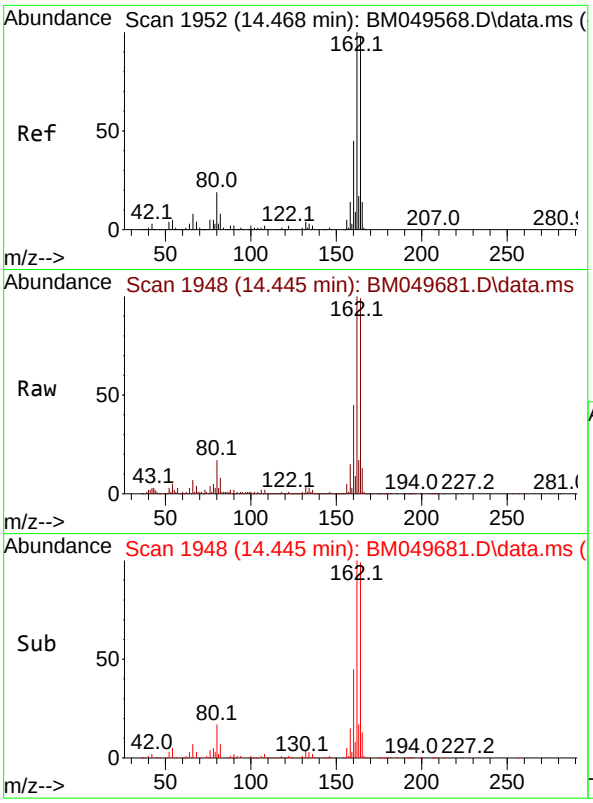


#23
Nitrobenzene-d5
Concen: 102.399 ng
RT: 8.957 min Scan# 1015
Delta R.T. -0.023 min
Lab File: BM049681.D
Acq: 28 Feb 2025 16:36

Tgt Ion: 82 Resp: 1904665

Ion	Ratio	Lower	Upper
82	100		
128	40.6	31.6	47.4
54	46.2	39.4	59.0



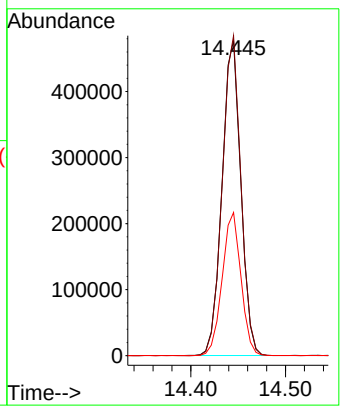


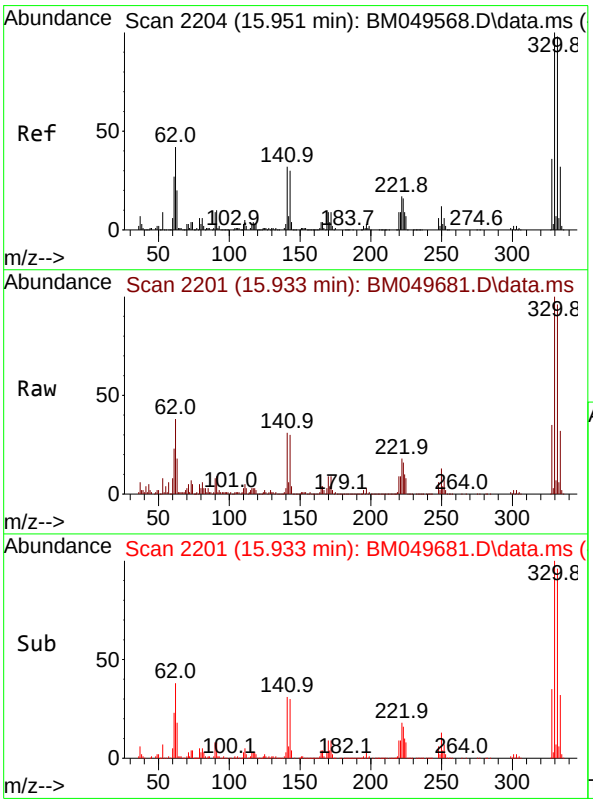
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.445 min Scan# 1
Delta R.T. -0.023 min
Lab File: BM049681.D
Acq: 28 Feb 2025 16:36

Instrument :
BNA_M
ClientSampleId :
EFF-WASTE WATER

Tgt Ion:164 Resp: 659772

Ion	Ratio	Lower	Upper
164	100		
162	101.5	81.4	122.0
160	45.4	36.2	54.4

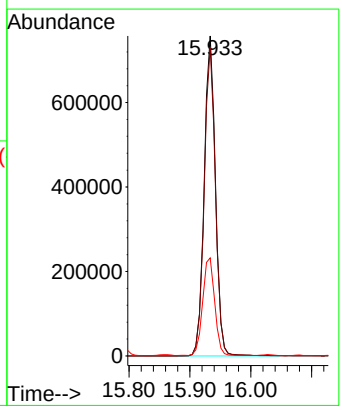


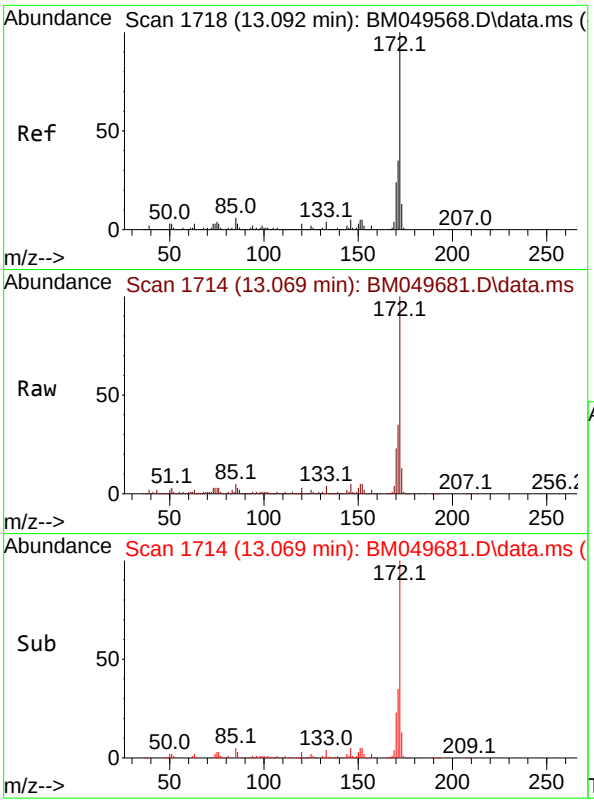


#42
2,4,6-Tribromophenol
Concen: 124.345 ng
RT: 15.933 min Scan# 2201
Delta R.T. -0.017 min
Lab File: BM049681.D
Acq: 28 Feb 2025 16:36

Tgt Ion:330 Resp: 972101

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.3	115.9
141	32.6	28.2	42.2



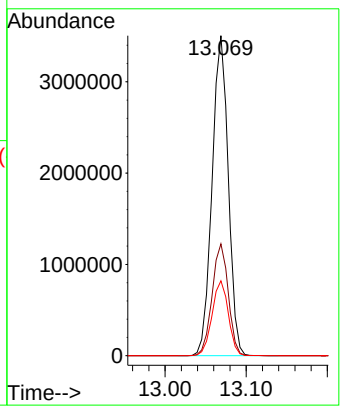


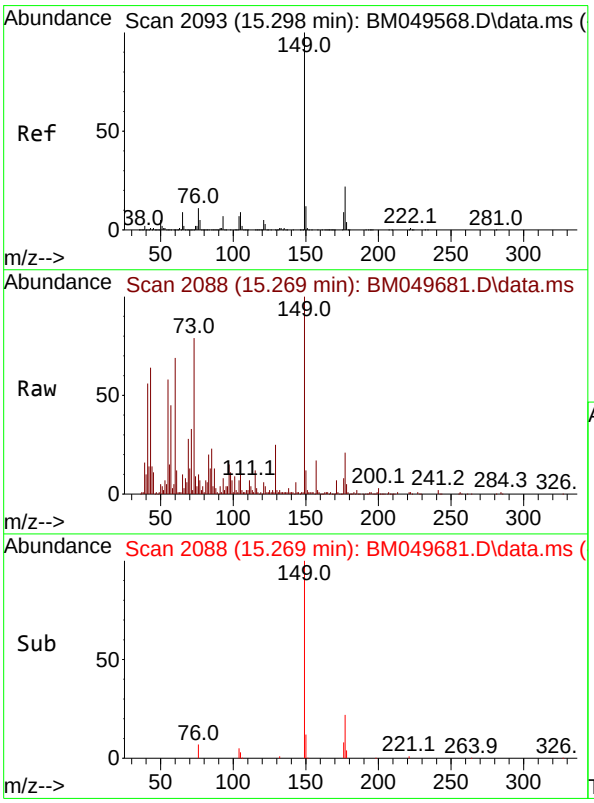
#45
2-Fluorobiphenyl
Concen: 95.172 ng
RT: 13.069 min Scan# 1
Delta R.T. -0.023 min
Lab File: BM049681.D
Acq: 28 Feb 2025 16:36

Instrument :
BNA_M
ClientSampleId :
EFF-WASTE WATER

Tgt Ion:172 Resp: 4847076

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.0	42.0
170	23.4	19.0	28.4

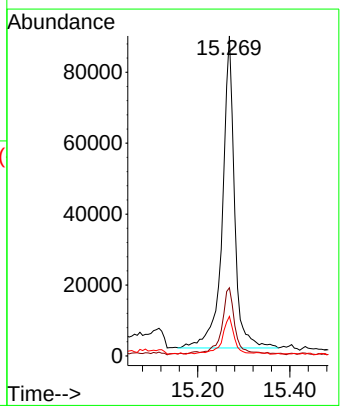


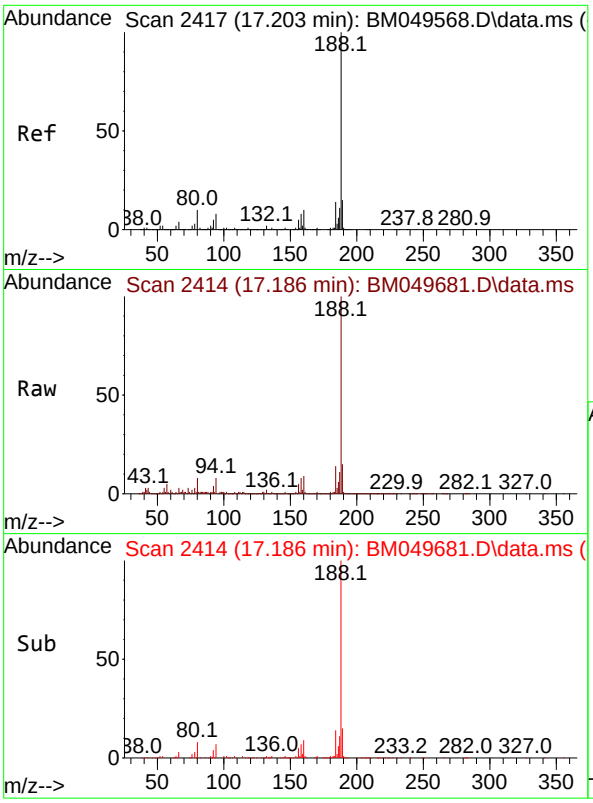


#60
Diethylphthalate
Concen: 3.377 ng
RT: 15.269 min Scan# 2088
Delta R.T. -0.029 min
Lab File: BM049681.D
Acq: 28 Feb 2025 16:36

Tgt Ion:149 Resp: 160810

Ion	Ratio	Lower	Upper
149	100		
177	21.3	18.0	27.0
150	12.3	9.7	14.5



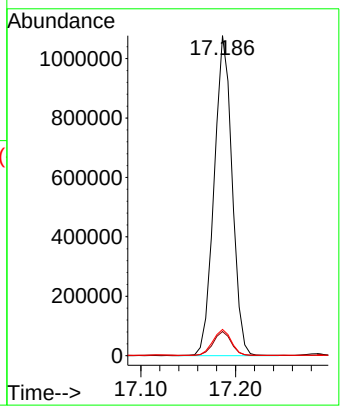


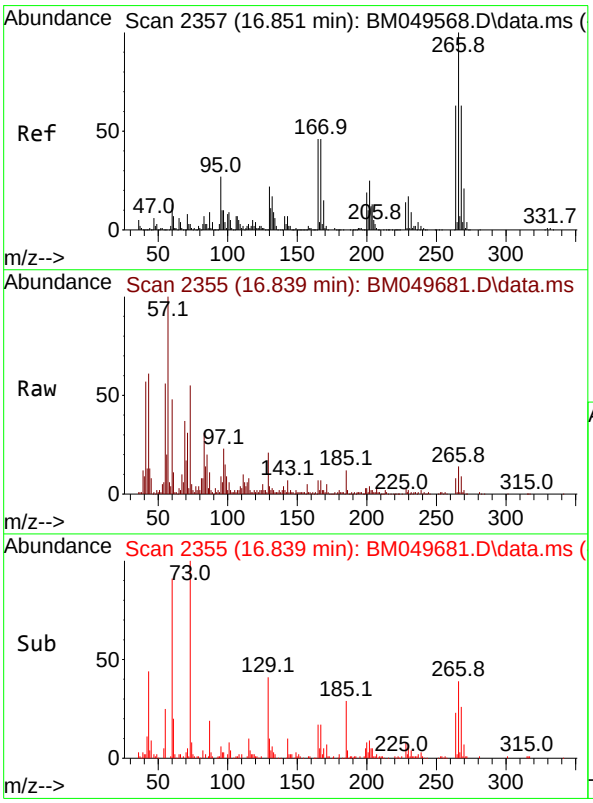
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.186 min Scan# 24
Delta R.T. -0.017 min
Lab File: BM049681.D
Acq: 28 Feb 2025 16:36

Instrument :
BNA_M
ClientSampleId :
EFF-WASTE WATER

Tgt Ion:188 Resp: 1424347

Ion	Ratio	Lower	Upper
188	100		
94	7.5	6.7	10.1
80	8.2	7.7	11.5

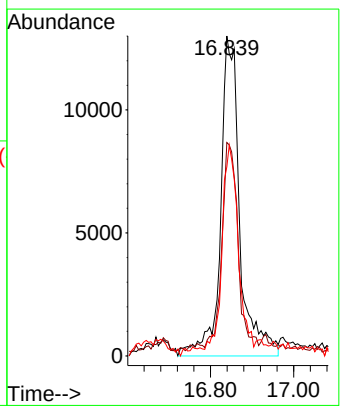


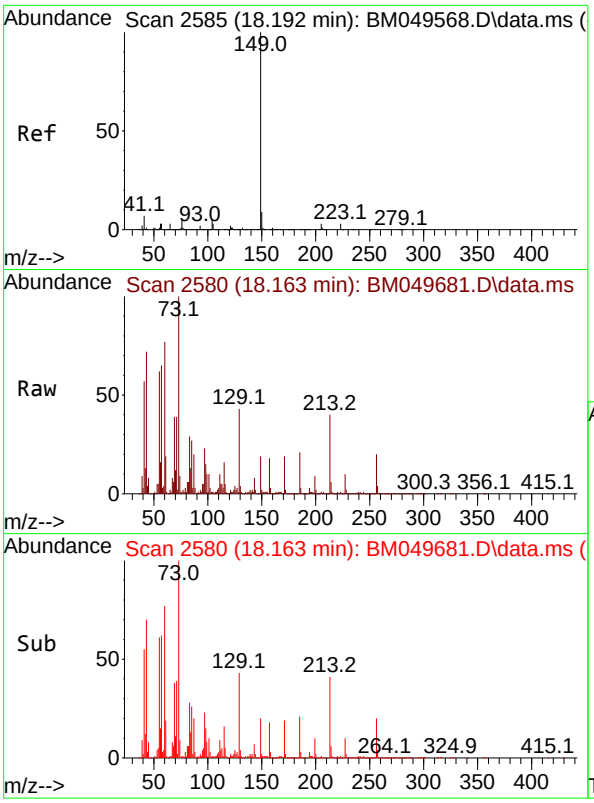


#70
Pentachlorophenol
Concen: 10.675 ng
RT: 16.839 min Scan# 2355
Delta R.T. -0.011 min
Lab File: BM049681.D
Acq: 28 Feb 2025 16:36

Tgt Ion:266 Resp: 42013

Ion	Ratio	Lower	Upper
266	100		
268	66.7	50.8	76.2
264	59.1	50.0	75.0



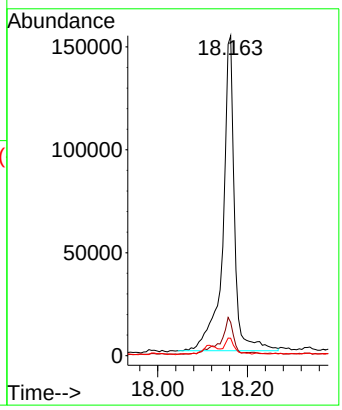


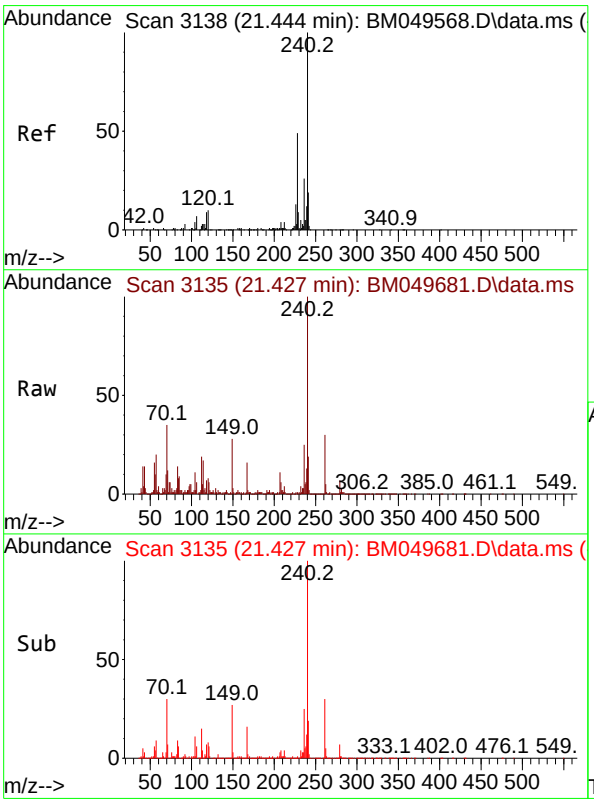
#74
Di-n-butylphthalate
Concen: 3.067 ng
RT: 18.163 min Scan# 2
Delta R.T. -0.029 min
Lab File: BM049681.D
Acq: 28 Feb 2025 16:36

Instrument :
BNA_M
ClientSampleId :
EFF-WASTE WATER

Tgt Ion:149 Resp: 274438

Ion	Ratio	Lower	Upper
149	100		
150	10.4	7.4	11.0
104	5.5	4.1	6.1

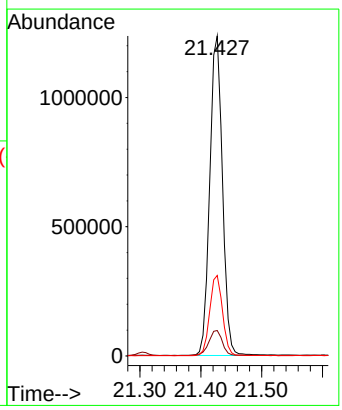


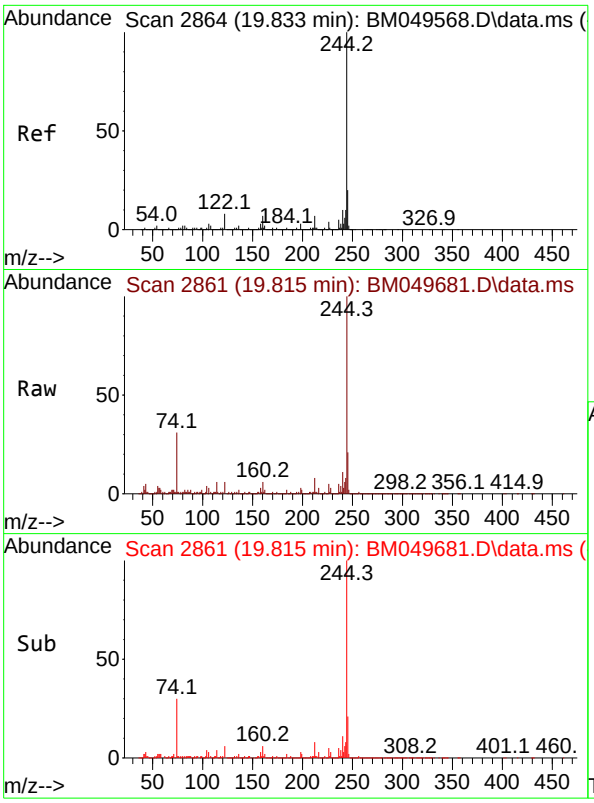


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.427 min Scan# 3135
Delta R.T. -0.017 min
Lab File: BM049681.D
Acq: 28 Feb 2025 16:36

Tgt Ion:240 Resp: 1790067

Ion	Ratio	Lower	Upper
240	100		
120	8.0	7.8	11.8
236	25.1	20.6	31.0



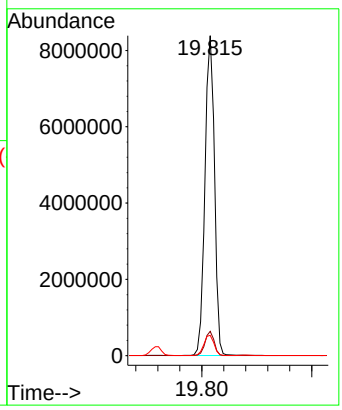


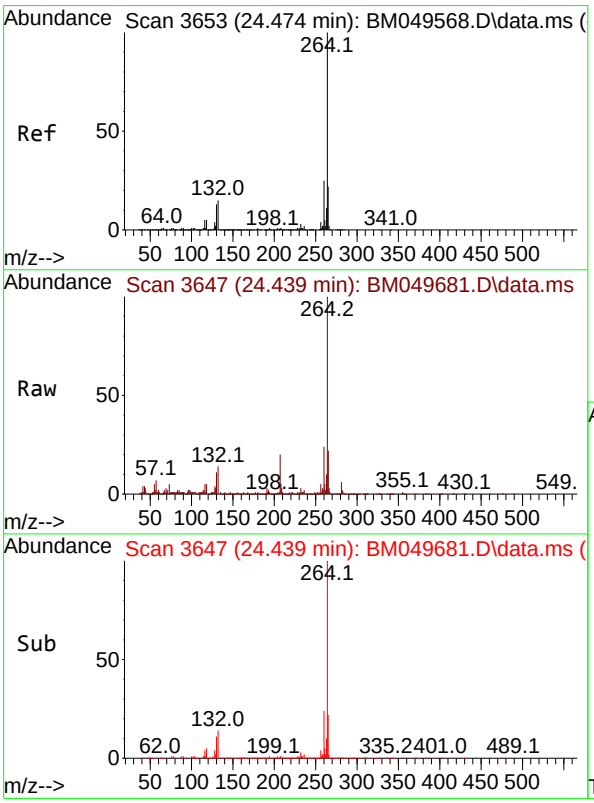
#79
Terphenyl-d14
Concen: 85.616 ng
RT: 19.815 min Scan# 2
Delta R.T. -0.017 min
Lab File: BM049681.D
Acq: 28 Feb 2025 16:36

Instrument :
BNA_M
ClientSampleId :
EFF-WASTE WATER

Tgt Ion:244 Resp:10036283

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.6
122	6.3	6.2	9.2

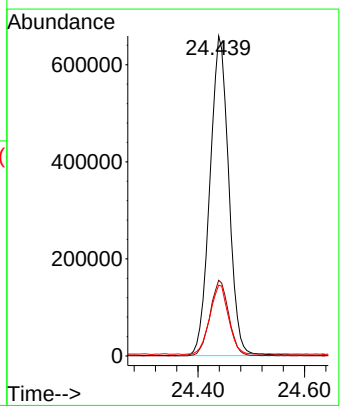




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.439 min Scan# 3647
Delta R.T. -0.035 min
Lab File: BM049681.D
Acq: 28 Feb 2025 16:36

Tgt Ion:264 Resp: 1614006

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.8	29.6
265	22.1	17.5	26.3



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.: Q1456 SAS No.: Q1456 SDG No.: Q1456

Instrument ID: BNA_M Calibration Date(s): 02/05/2025 02/05/2025

Calibration Time(s): 11:05 15:38

LAB FILE ID: RRF2.5 = BM049564.D RRF005 = BM049565.D RRF010 = BM049566.D
RRF020 = BM049567.D RRF040 = BM049568.D RRF050 = BM049569.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine		0.630	0.641	0.697	0.692	0.691	0.680	4.5
2-Fluorophenol		1.171	1.168	1.253	1.252	1.247	1.244	4.6
Phenol-d6		1.474	1.479	1.629	1.655	1.669	1.629	7.0
Phenol		1.491	1.489	1.615	1.618	1.622	1.605	5.4
bis(2-Chloroethyl)ether		1.234	1.241	1.319	1.308	1.309	1.298	3.4
2-Chlorophenol		1.136	1.182	1.240	1.256	1.267	1.242	5.1
2,2-oxybis(1-Chloropropane)		1.668	1.682	1.811	1.773	1.761	1.748	3.0
n-Nitroso-di-n-propylamine	0.961	0.989	1.006	1.096	1.107	1.105	1.067	6.6
Nitrobenzene-d5		0.341	0.348	0.387	0.397	0.404	0.389	8.5
Hexachloroethane		0.509	0.503	0.538	0.541	0.534	0.533	3.6
Nitrobenzene		0.340	0.348	0.381	0.387	0.387	0.378	6.5
Isophorone		0.645	0.651	0.706	0.711	0.715	0.701	5.5
2-Nitrophenol		0.080	0.085	0.106	0.123	0.129	0.116	23.2
2,4-Dimethylphenol		0.239	0.202	0.216	0.217	0.218	0.222	5.5
bis(2-Chloroethoxy)methane		0.426	0.424	0.453	0.457	0.454	0.452	4.5
2,4-Dichlorophenol		0.256	0.262	0.303	0.315	0.319	0.305	11.4
1,2,4-Trichlorobenzene		0.352	0.346	0.376	0.374	0.375	0.374	5.5
Naphthalene		0.987	0.975	1.051	1.061	1.063	1.055	5.6
Hexachlorobutadiene		0.205	0.207	0.219	0.224	0.228	0.224	6.9
4-Chloro-3-methylphenol		0.258	0.263	0.302	0.313	0.319	0.305	10.9
Hexachlorocyclopentadiene		0.124	0.132	0.157	0.176	0.181	0.168	18.9
2,4,6-Trichlorophenol		0.277	0.295	0.345	0.373	0.384	0.359	15.7
2-Fluorobiphenyl		1.306	1.342	1.473	1.594	1.623	1.544	11.4
2-Chloronaphthalene		1.071	1.089	1.163	1.198	1.197	1.180	6.8
Dimethylphthalate		1.330	1.320	1.405	1.442	1.461	1.436	6.6
Acenaphthylene		1.581	1.587	1.708	1.746	1.779	1.741	7.4
2,6-Dinitrotoluene		0.172	0.200	0.241	0.262	0.272	0.249	19.4
Acenaphthene		1.005	1.033	1.113	1.173	1.190	1.155	9.8
2,4-Dinitrophenol			0.030	0.042	0.057	0.063	0.060	36.8
4-Nitrophenol			0.148	0.184	0.218	0.226	0.213	19.0
2,4-Dinitrotoluene		0.179	0.213	0.283	0.332	0.347	0.304	27.3
Diethylphthalate		1.298	1.315	1.409	1.472	1.476	1.443	7.6
4-Chlorophenyl-phenylether		0.668	0.680	0.765	0.880	0.904	0.838	16.1
Fluorene		1.307	1.314	1.496	1.636	1.664	1.574	13.3

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.: Q1456 SAS No.: Q1456 SDG No.: Q1456

Instrument ID: BNA_M Calibration Date(s): 02/05/2025 02/05/2025

Calibration Time(s): 11:05 15:38

LAB FILE ID: RRF2.5 = BM049564.D RRF005 = BM049565.D RRF010 = BM049566.D
RRF020 = BM049567.D RRF040 = BM049568.D RRF050 = BM049569.D

COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
4,6-Dinitro-2-methylphenol			0.028	0.038	0.052	0.058	0.053	34.0
n-Nitrosodiphenylamine		0.552	0.563	0.617	0.640	0.647	0.631	9.3
Azobenzene		1.431	1.434	1.505	1.513	1.515	1.507	3.9
2,4,6-Tribromophenol			0.174	0.209	0.248	0.261	0.237	19.5
4-Bromophenyl-phenylether		0.198	0.202	0.219	0.235	0.242	0.232	11.9
Hexachlorobenzene		0.233	0.234	0.251	0.270	0.275	0.267	11.2
Pentachlorophenol			0.094	0.125	0.149	0.157	0.147	22.8
Phenanthrene		0.992	0.998	1.083	1.149	1.179	1.139	10.8
Anthracene		0.973	0.979	1.075	1.136	1.180	1.128	11.3
Di-n-butylphthalate		1.041	1.079	1.208	1.299	1.331	1.256	12.2
Fluoranthene		1.081	1.106	1.218	1.347	1.412	1.334	15.9
Benzidine		0.208	0.179	0.153	0.194	0.160	0.177	12.2
Pyrene		1.351	1.358	1.465	1.497	1.542	1.498	7.8
Terphenyl-d14		1.051	1.099	1.309	1.462	1.485	1.310	13.9
Butylbenzylphthalate		0.332	0.367	0.443	0.503	0.514	0.466	19.0
3,3-Dichlorobenzidine		0.306	0.330	0.359	0.383	0.382	0.365	9.8
Benzo(a)anthracene		1.190	1.197	1.311	1.370	1.404	1.355	9.8
Chrysene		1.108	1.134	1.226	1.295	1.317	1.270	9.5
Bis(2-ethylhexyl)phthalate		0.651	0.679	0.786	0.834	0.846	0.799	12.5
Di-n-octyl phthalate		1.010	1.067	1.224	1.315	1.342	1.260	13.4
Benzo(b)fluoranthene		1.138	1.158	1.273	1.397	1.429	1.376	14.6
Benzo(k)fluoranthene		1.102	1.104	1.253	1.333	1.418	1.336	15.0
Benzo(a)pyrene		0.896	0.924	1.022	1.103	1.137	1.090	14.3
Indeno(1,2,3-cd)pyrene		0.871	0.911	1.018	1.114	1.148	1.092	15.6
Dibenzo(a,h)anthracene		0.673	0.697	0.793	0.877	0.915	0.863	17.8
Benzo(g,h,i)perylene		0.793	0.824	0.919	0.986	1.004	0.964	13.3

All other compounds must meet a minimum RRF of 0.010.

Response Factor Report BNA_M

Method Path : Z:\svoasrv\HPCHEM1\BNA_M\Methods\
Method File : 8270-BM020525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Feb 06 04:55:28 2025
Response Via : Initial Calibration

Calibration Files
2.5 =BM049564.D 5 =BM049565.D 10 =BM049566.D 20 =BM049567.D 40 =BM049568.D 50 =BM049569.D 60 =BM049570.D 80 =BM0495
71.D

		Compound	2.5	5	10	20	40	50	60	80	Avg	%RSD
1)	I	1,4-Dichlorobenzen...	----------	ISTD	----------							
2)		1,4-Dioxane		0.506	0.518	0.548	0.518	0.512	0.532	0.527	0.523	2.72
3)		Pyridine		1.401	1.384	1.478	1.489	1.476	1.527	1.418	1.453	3.63
4)		n-Nitrosodimet...		0.630	0.641	0.697	0.692	0.691	0.705	0.703	0.680	4.54
5)	S	2-Fluorophenol		1.171	1.168	1.253	1.252	1.247	1.299	1.316	1.244	4.58
6)		Aniline		1.461	1.443	1.565	1.565	1.558	1.603	1.617	1.544	4.33
7)	S	Phenol-d6		1.474	1.479	1.629	1.655	1.669	1.732	1.768	1.629	7.02
8)		2-Chlorophenol		1.136	1.182	1.240	1.256	1.267	1.300	1.312	1.242	5.08
9)		Benzaldehyde		0.958	1.001	0.999	0.855	0.813	0.759	0.653	0.863	15.27
10)	C	Phenol		1.491	1.489	1.615	1.618	1.622	1.685	1.715	1.605	5.43
11)		bis(2-Chloroet...		1.234	1.241	1.319	1.308	1.309	1.337	1.341	1.298	3.35
12)		1,3-Dichlorobe...		1.403	1.383	1.466	1.444	1.443	1.476	1.476	1.441	2.52
13)	C	1,4-Dichlorobe...		1.414	1.402	1.470	1.462	1.461	1.494	1.503	1.458	2.58
14)		1,2-Dichlorobe...		1.356	1.339	1.426	1.424	1.415	1.446	1.449	1.408	3.06
15)		Benzyl Alcohol		1.031	1.023	1.119	1.160	1.169	1.206	1.227	1.134	7.10
16)		2,2'-oxybis(1-...		1.668	1.682	1.811	1.773	1.761	1.781	1.760	1.748	3.04
17)		2-Methylphenol		0.923	0.904	0.989	0.993	0.998	1.026	1.037	0.981	5.10
18)		Hexachloroethane		0.509	0.503	0.538	0.541	0.534	0.551	0.551	0.533	3.63
19)	P	n-Nitroso-di-n...	0.961	0.989	1.006	1.096	1.107	1.105	1.133	1.141	1.067	6.61
20)		3+4-Methylphenols		1.169	1.163	1.281	1.310	1.348	1.389	1.408	1.295	7.59
21)	I	Naphthalene-d8	----------	ISTD	----------							
22)		Acetophenone		0.501	0.501	0.538	0.544	0.547	0.562	0.578	0.539	5.40
23)	S	Nitrobenzene-d5		0.341	0.348	0.387	0.397	0.404	0.418	0.428	0.389	8.55
24)		Nitrobenzene		0.340	0.348	0.381	0.387	0.387	0.397	0.404	0.378	6.47
25)		Isophorone		0.645	0.651	0.706	0.711	0.715	0.732	0.748	0.701	5.55
26)	C	2-Nitrophenol		0.080	0.085	0.106	0.123	0.129	0.140	0.150	0.116	23.25
27)		2,4-Dimethylph...		0.239	0.202	0.216	0.217	0.218	0.226	0.234	0.222	5.53
28)		bis(2-Chloroet...		0.426	0.424	0.453	0.457	0.454	0.468	0.480	0.452	4.54
29)	C	2,4-Dichloroph...		0.256	0.262	0.303	0.315	0.319	0.334	0.349	0.305	11.39
30)		1,2,4-Trichlor...		0.352	0.346	0.376	0.374	0.375	0.391	0.405	0.374	5.47
31)		Naphthalene		0.987	0.975	1.051	1.061	1.063	1.106	1.141	1.055	5.61
32)		Benzoic acid			0.061	0.090	0.125	0.139	0.154	0.175	0.124	34.11
33)		4-Chloroaniline		0.371	0.367	0.394	0.396	0.399	0.412	0.425	0.395	5.27
34)	C	Hexachlorobuta...		0.205	0.207	0.219	0.224	0.228	0.239	0.247	0.224	6.91
35)		Caprolactam		0.076	0.085	0.091	0.096	0.098	0.100	0.105	0.093	10.49
36)	C	4-Chloro-3-met...		0.258	0.263	0.302	0.313	0.319	0.331	0.346	0.305	10.86
37)		2-Methylnaphth...		0.680	0.670	0.731	0.746	0.758	0.790	0.823	0.743	7.43
38)		1-Methylnaphth...		0.666	0.658	0.706	0.725	0.733	0.769	0.801	0.723	7.16

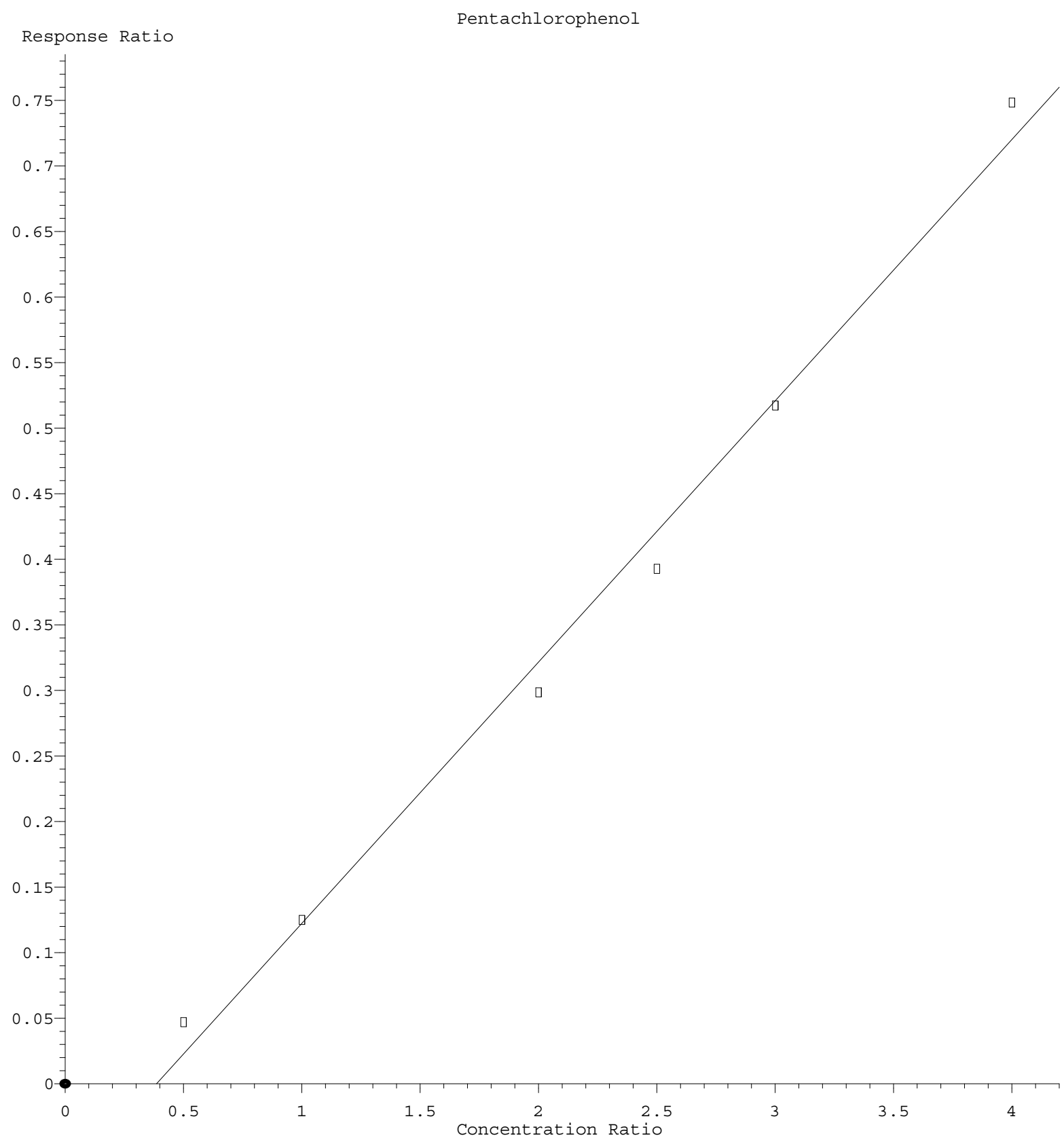
Method Path : Z:\svoasrv\HPCHEM1\BNA_M\Methods\
Method File : 8270-BM020525.M

39)	I	Acenaphthene-d10	----------ISTD----------								
40)		1,2,4,5-Tetrac...	0.576	0.576	0.630	0.669	0.680	0.720	0.752	0.658	10.28
41)	P	Hexachlorocycl...	0.124	0.132	0.157	0.176	0.181	0.196	0.209	0.168	18.90
42)	S	2,4,6-Tribromo...		0.174	0.209	0.248	0.261	0.293		0.237	19.51
43)	C	2,4,6-Trichlor...	0.277	0.295	0.345	0.373	0.384	0.407	0.430	0.359	15.68
44)		2,4,5-Trichlor...	0.289	0.333	0.380	0.412	0.427	0.447	0.473	0.394	16.52
45)	S	2-Fluorobiphenyl	1.306	1.342	1.473	1.594	1.623	1.708	1.761	1.544	11.38
46)		1,1'-Biphenyl	1.385	1.391	1.494	1.552	1.554	1.623	1.680	1.526	7.26
47)		2-Chloronaphth...	1.071	1.089	1.163	1.198	1.197	1.255	1.290	1.180	6.82
48)		2-Nitroaniline	0.188	0.209	0.259	0.293	0.298	0.318	0.331	0.271	20.16
49)		Acenaphthylene	1.581	1.587	1.708	1.746	1.779	1.856	1.928	1.741	7.43
50)		Dimethylphthalate	1.330	1.320	1.405	1.442	1.461	1.518	1.578	1.436	6.56
51)		2,6-Dinitrotol...	0.172	0.200	0.241	0.262	0.272	0.287	0.306	0.249	19.35
52)	C	Acenaphthene	1.005	1.033	1.113	1.173	1.190	1.259	1.315	1.155	9.81
53)		3-Nitroaniline	0.180	0.204	0.243	0.271	0.275	0.293	0.305	0.253	18.32
54)	P	2,4-Dinitrophenol		0.030	0.042	0.057	0.063	0.076	0.090	0.060	36.78
55)		Dibenzofuran	1.672	1.684	1.807	1.852	1.858	1.949	2.057	1.840	7.45
56)	P	4-Nitrophenol		0.148	0.184	0.218	0.226	0.244	0.259	0.213	19.05
57)		2,4-Dinitrotol...	0.179	0.213	0.283	0.332	0.347	0.375	0.401	0.304	27.26
58)		Fluorene	1.307	1.314	1.496	1.636	1.664	1.760	1.840	1.574	13.29
59)		2,3,4,6-Tetrac...	0.243	0.261	0.313	0.350	0.362	0.387	0.417	0.333	19.29
60)		Diethylphthalate	1.298	1.315	1.409	1.472	1.476	1.539	1.596	1.443	7.64
61)		4-Chlorophenyl...	0.668	0.680	0.765	0.880	0.904	0.957	1.009	0.838	16.06
62)		4-Nitroaniline	0.189	0.221	0.265	0.310	0.319	0.331	0.349	0.283	21.12
63)		Azobenzene	1.431	1.434	1.505	1.513	1.515	1.566	1.583	1.507	3.86
64)	I	Phenanthrene-d10	----------ISTD----------								
65)		4,6-Dinitro-2-...		0.028	0.038	0.052	0.058	0.067	0.076	0.053	33.97
66)	c	n-Nitrosodiphe...	0.552	0.563	0.617	0.640	0.647	0.689	0.706	0.631	9.28
67)		4-Bromophenyl-...	0.198	0.202	0.219	0.235	0.242	0.257	0.273	0.232	11.86
68)		Hexachlorobenzene	0.233	0.234	0.251	0.270	0.275	0.292	0.313	0.267	11.15
69)		Atrazine	0.164	0.173	0.188	0.188	0.195	0.202	0.202	0.187	7.70
70)	C	Pentachlorophenol		0.094	0.125	0.149	0.157	0.172	0.187	0.147	22.80
71)		Phenanthrene	0.992	0.998	1.083	1.149	1.179	1.266	1.308	1.139	10.81
72)		Anthracene	0.973	0.979	1.075	1.136	1.180	1.251	1.303	1.128	11.32
73)		Carbazole	0.905	0.931	0.971	0.991	1.001	1.049	1.082	0.990	6.28
74)		Di-n-butylphth...	1.041	1.079	1.208	1.299	1.331	1.398	1.441	1.256	12.24
75)	C	Fluoranthene	1.081	1.106	1.218	1.347	1.412	1.533	1.641	1.334	15.88
76)	I	Chrysene-d12	----------ISTD----------								
77)		Benzidine	0.208	0.179	0.153	0.194	0.160	0.155	0.191	0.177	12.16
78)		Pyrene	1.351	1.358	1.465	1.497	1.542	1.609	1.660	1.498	7.85
79)	S	Terphenyl-d14	1.051	1.099	1.309	1.462	1.485	1.489	1.272	1.310	13.89
80)		Butylbenzylpht...	0.332	0.367	0.443	0.503	0.514	0.537	0.566	0.466	19.00
81)		Benzo(a)anthra...	1.190	1.197	1.311	1.370	1.404	1.488	1.529	1.355	9.76
82)		3,3'-Dichlorob...	0.306	0.330	0.359	0.383	0.382	0.387	0.407	0.365	9.79
83)		Chrysene	1.108	1.134	1.226	1.295	1.317	1.376	1.433	1.270	9.49
84)		Bis(2-ethylhex...	0.651	0.679	0.786	0.834	0.846	0.883	0.913	0.799	12.47
85)	c	Di-n-octyl pht...	1.010	1.067	1.224	1.315	1.342	1.405	1.459	1.260	13.41

Method Path : Z:\svoasrv\HPCHEM1\BNA_M\Methods\
Method File : 8270-BM020525.M

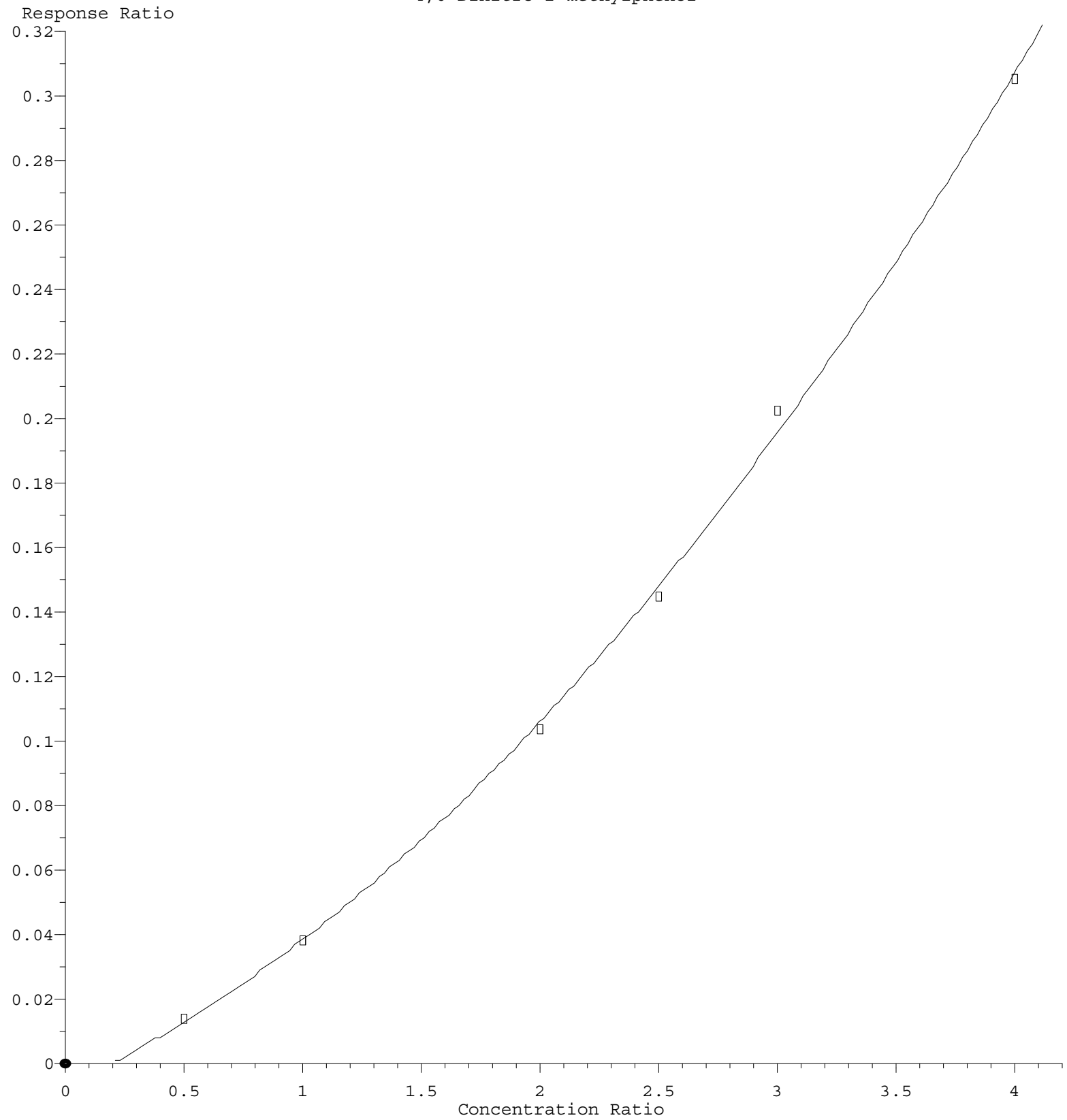
86)	I	Perylene-d12	----------ISTD----------							
87)		Indeno(1,2,3-c...	0.871	0.911	1.018	1.114	1.148	1.250	1.333	1.092	15.58
88)		Benzo(b)fluora...	1.138	1.158	1.273	1.397	1.429	1.552	1.683	1.376	14.63
89)		Benzo(k)fluora...	1.102	1.104	1.253	1.333	1.418	1.513	1.632	1.336	15.01
90)	C	Benzo(a)pyrene	0.896	0.924	1.022	1.103	1.137	1.228	1.322	1.090	14.26
91)		Dibenzo(a,h)an...	0.673	0.697	0.793	0.877	0.915	1.001	1.088	0.863	17.79
92)		Benzo(g,h,i)pe...	0.793	0.824	0.919	0.986	1.004	1.084	1.141	0.964	13.30

(#) = Out of Range

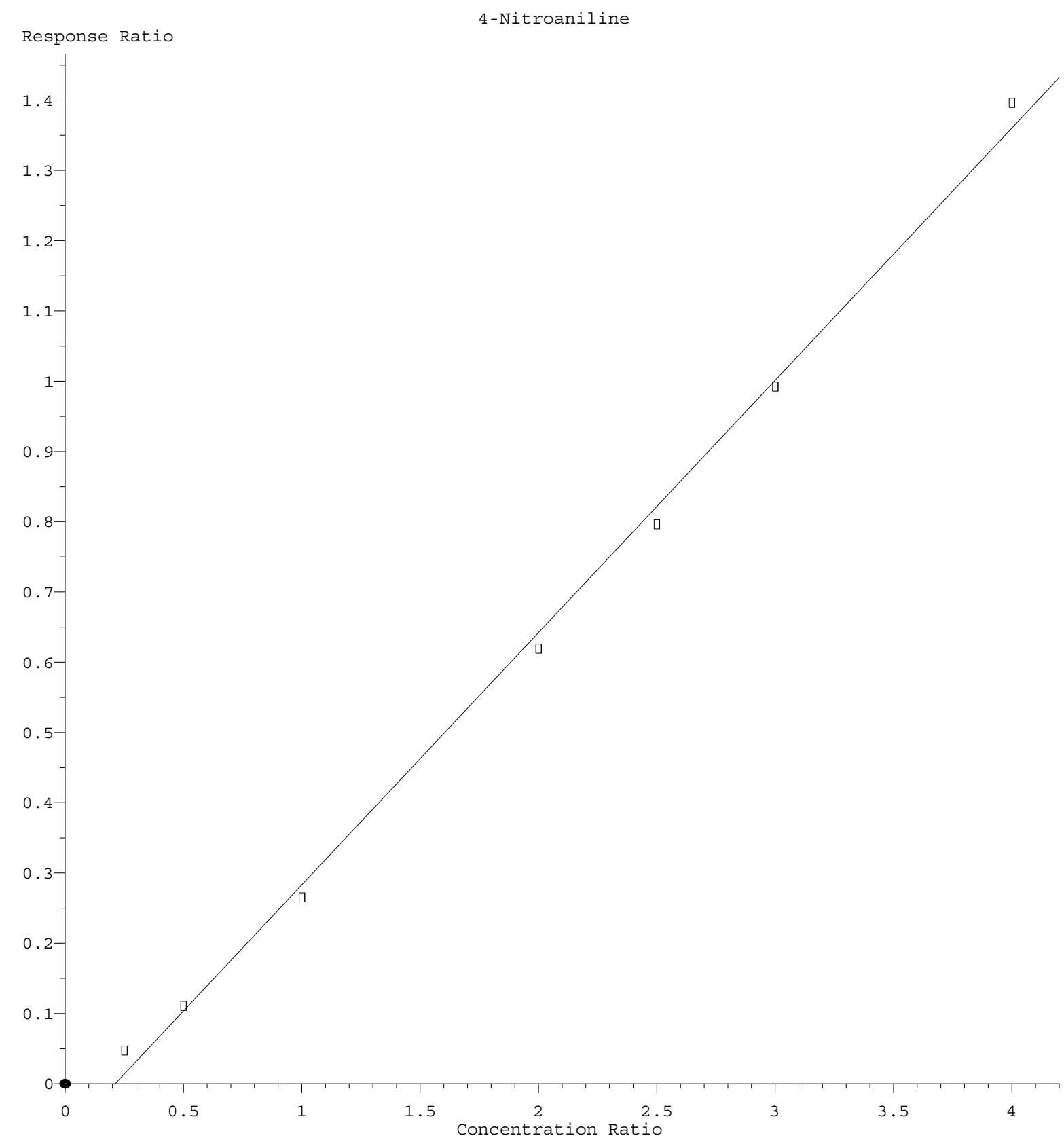


Response = 1.992e-001 * Amt - 7.682e-002
Coef of Det (r^2) = 0.991745 Curve Fit: Linear
Method Name: Z:\svoasrv\HPCHEM1\BNA M\Methods\8270-BM020525.M
Calibration Table Last Updated: Thu Feb 06 04:55:28 2025

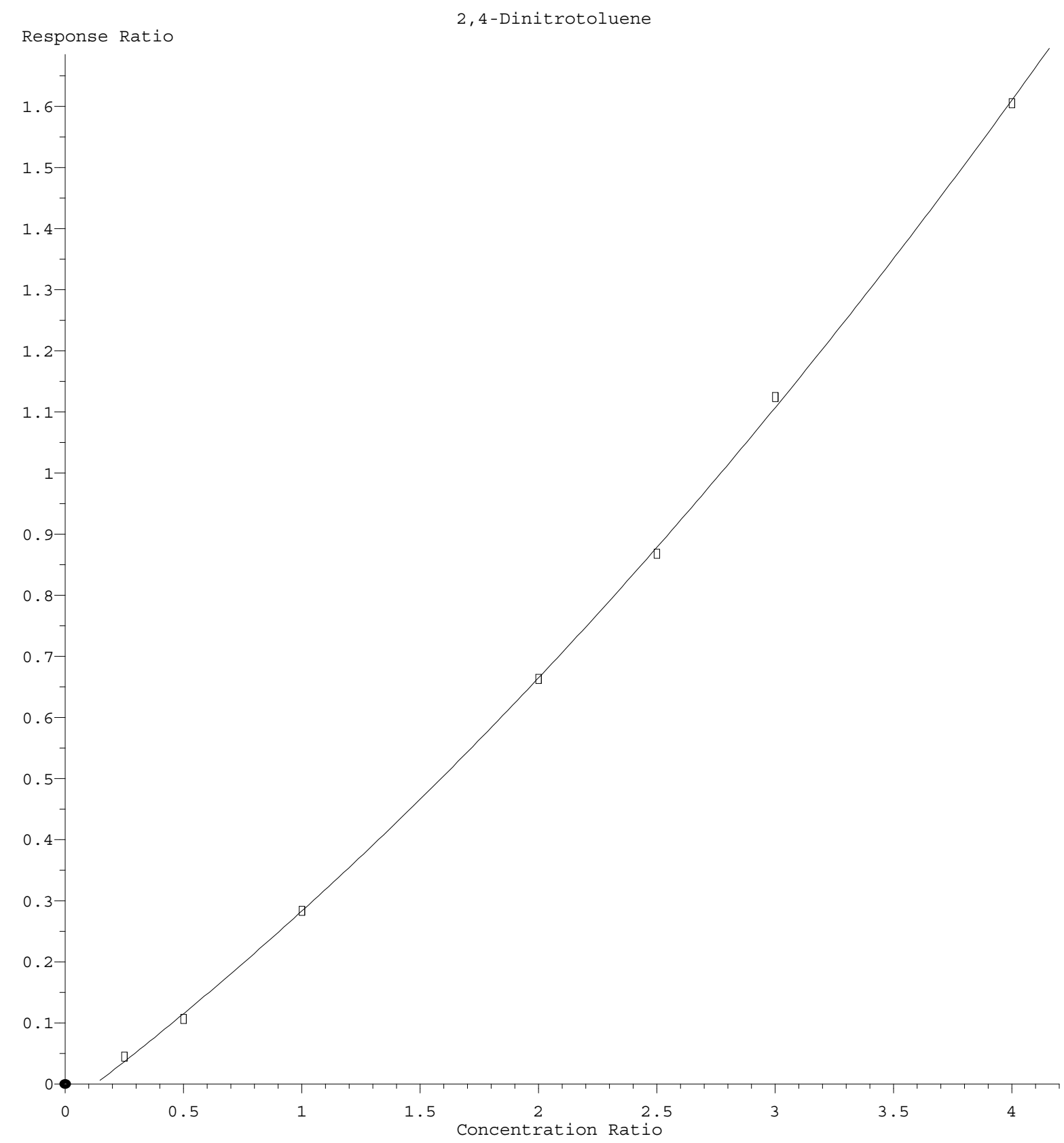
4,6-Dinitro-2-methylphenol



R = 1.103e-002 A*A + 3.448e-002 A - 7.088e-003
Coef of Det (r^2) = 0.998858 Curve Fit: Quadratic
Method Name: Z:\svoasrv\HPCHEM1\BNA M\Methods\8270-BM020525.M
Calibration Table Last Updated: Thu Feb 06 04:55:28 2025

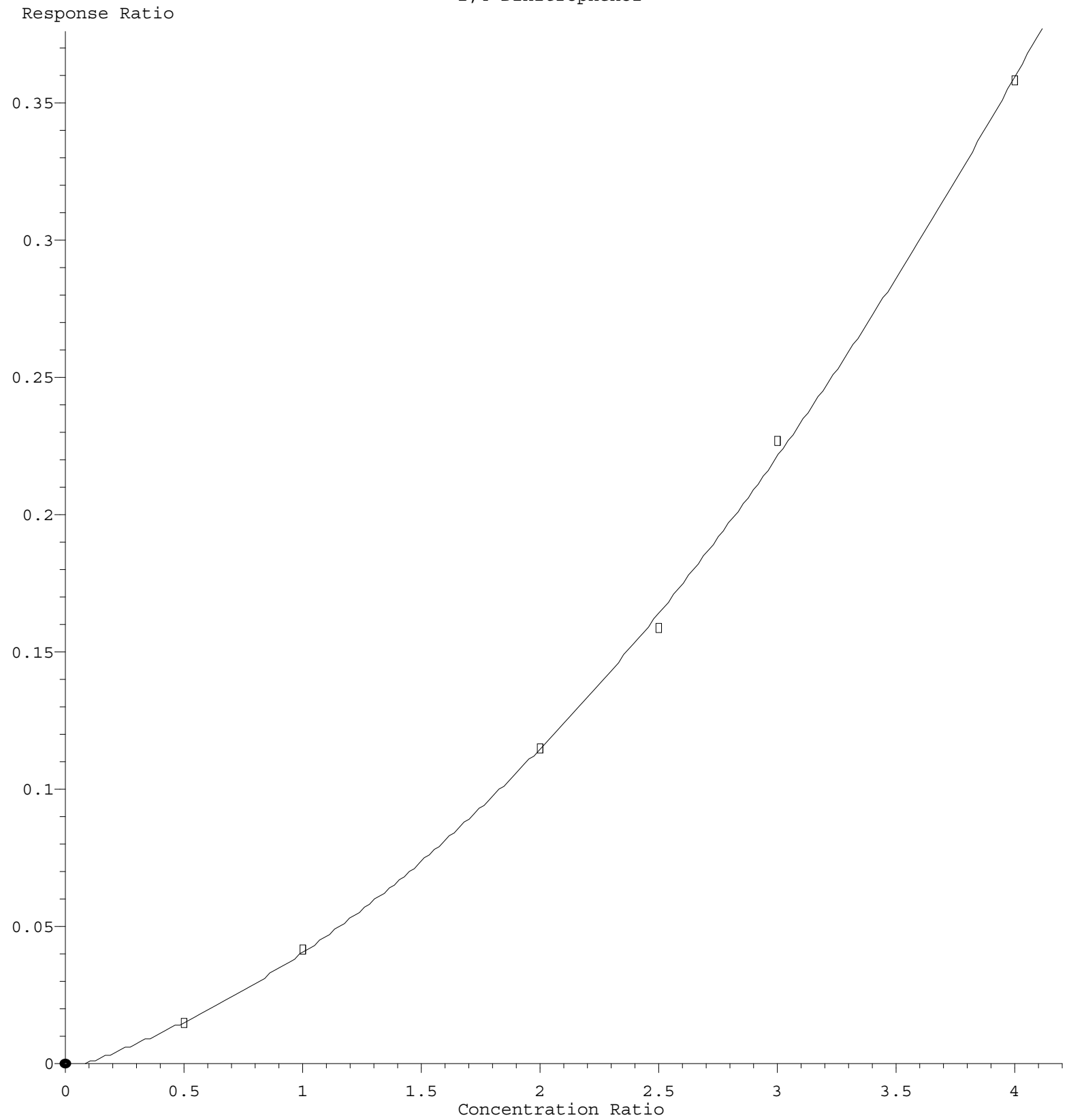


Response = 3.589e-001 * Amt - 7.556e-002
Coef of Det (r^2) = 0.997283 Curve Fit: Linear
Method Name: Z:\svoasrv\HPCHEM1\BNA M\Methods\8270-BM020525.M
Calibration Table Last Updated: Thu Feb 06 04:55:28 2025

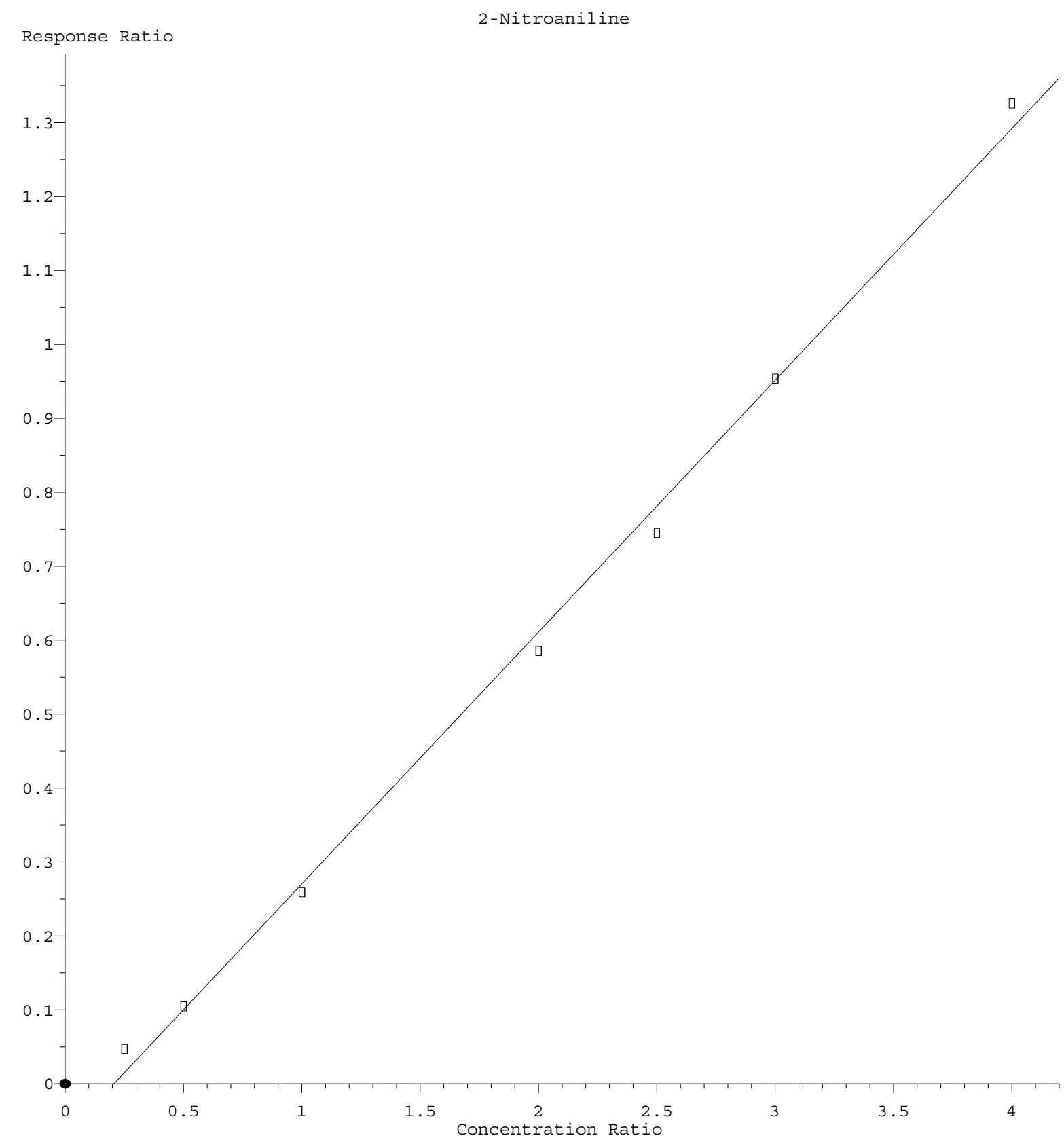


R = 3.041e-002 A*A + 2.904e-001 A - 3.770e-002
Coef of Det (r^2) = 0.999712 Curve Fit: Quadratic
Method Name: Z:\svoasrv\HPCHEM1\BNA M\Methods\8270-BM020525.M
Calibration Table Last Updated: Thu Feb 06 04:55:28 2025

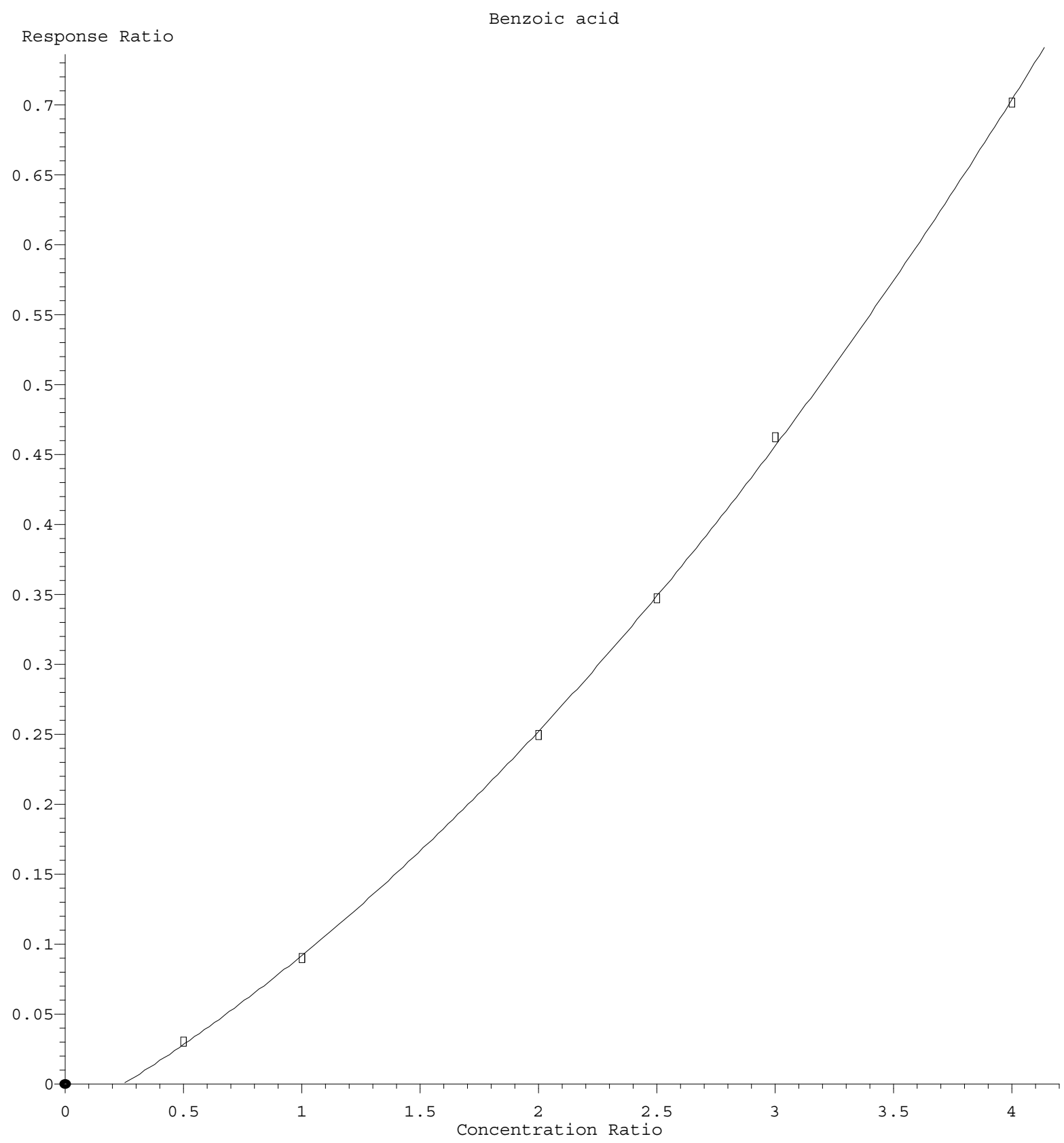
2,4-Dinitrophenol



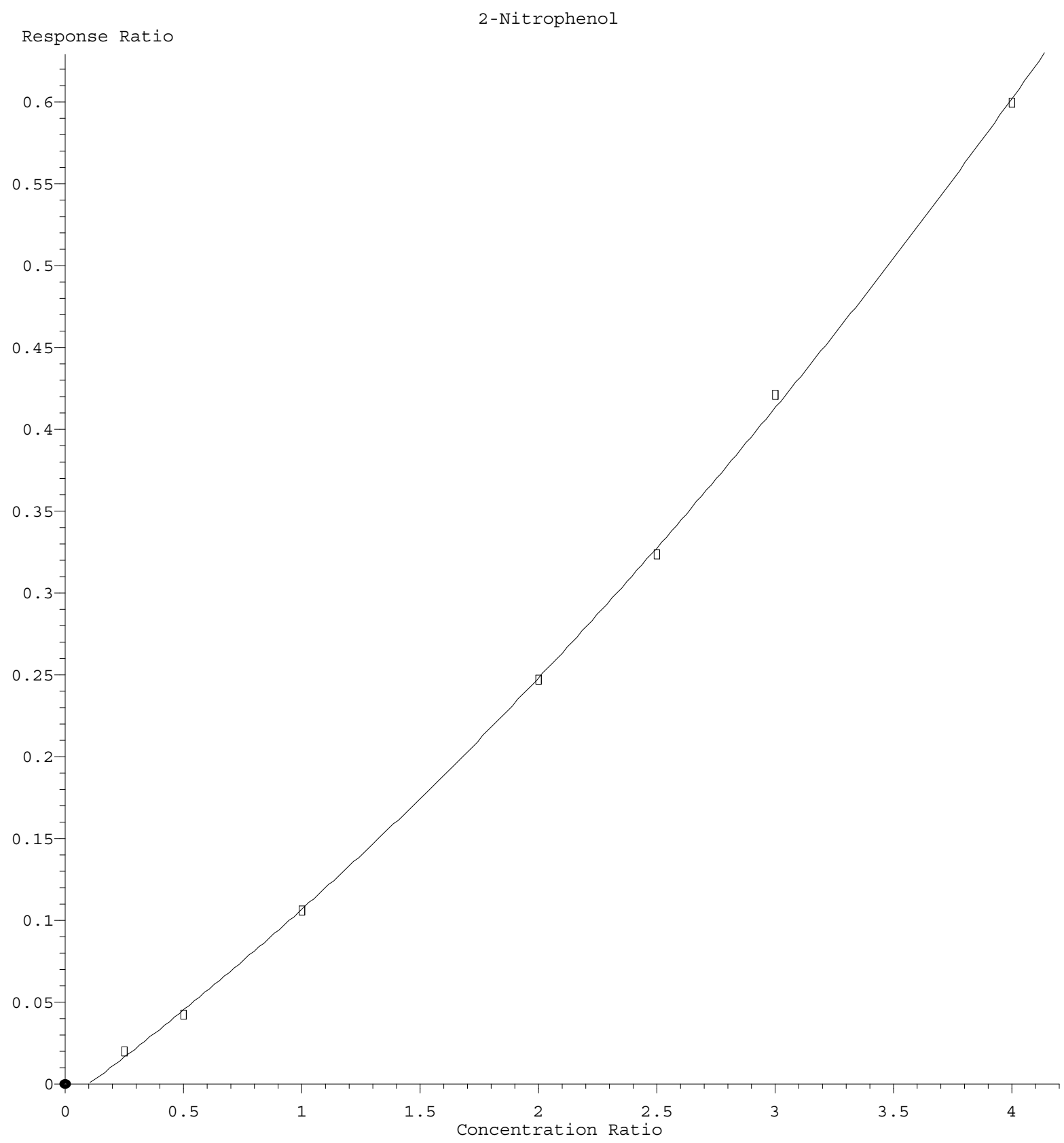
R = 1.595e-002 A*A + 2.658e-002 A - 2.128e-003
Coef of Det (r^2) = 0.999216 Curve Fit: Quadratic
Method Name: Z:\svoasrv\HPCHEM1\BNA M\Methods\8270-BM020525.M
Calibration Table Last Updated: Thu Feb 06 04:55:28 2025



Response = 3.405e-001 * Amt - 7.027e-002
Coef of Det (r^2) = 0.996783 Curve Fit: Linear
Method Name: Z:\svoasrv\HPCHEM1\BNA M\Methods\8270-BM020525.M
Calibration Table Last Updated: Thu Feb 06 04:55:28 2025



R = 2.184e-002 A*A + 9.471e-002 A - 2.458e-002
Coef of Det (r^2) = 0.999802 Curve Fit: Quadratic
Method Name: Z:\svoasrv\HPCHEM1\BNA M\Methods\8270-BM020525.M
Calibration Table Last Updated: Thu Feb 06 04:55:28 2025



R = 1.192e-002 A*A + 1.055e-001 A - 1.056e-002
Coef of Det (r^2) = 0.999613 Curve Fit: Quadratic
Method Name: Z:\svoasrv\HPCHEM1\BNA M\Methods\8270-BM020525.M
Calibration Table Last Updated: Thu Feb 06 04:55:28 2025

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020525\
Data File : BM049564.D
Acq On : 05 Feb 2025 11:05
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Quant Time: Feb 06 04:36:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 04:35:49 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	311523	20.000	ng	0.00
21) Naphthalene-d8	10.622	136	1140579	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	725144	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	1428221	20.000	ng	0.00
76) Chrysene-d12	21.445	240	1137855	20.000	ng	0.00
86) Perylene-d12	24.480	264	1031423	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0d	0.000	ng	
7) Phenol-d6	0.000	99	0d	0.000	ng	
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng	
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
79) Terphenyl-d14	0.000	244	0d	0.000	ng	
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	8.628	70	37404	2.251	ng	98

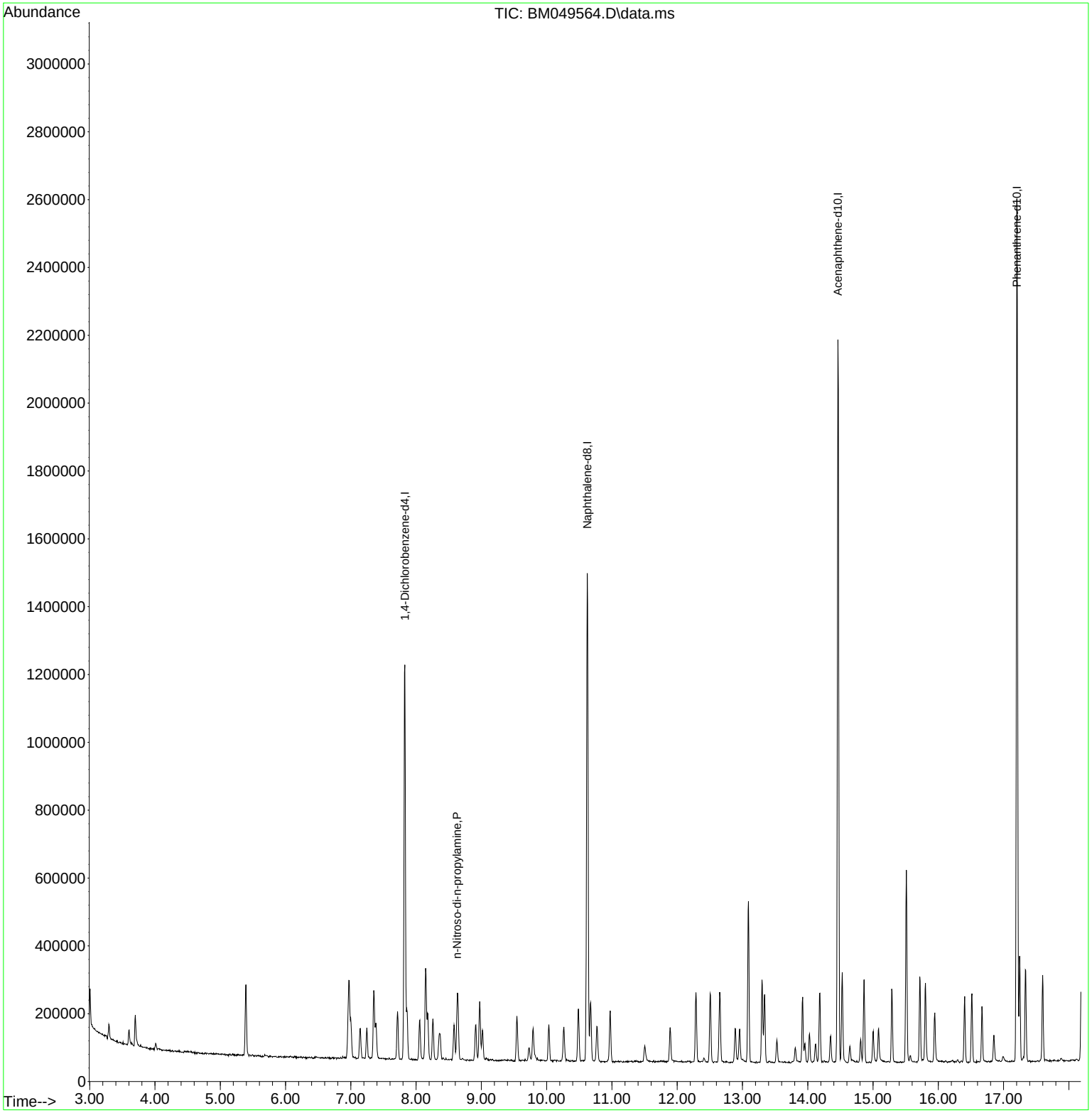
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020525\
Data File : BM049564.D
Acq On : 05 Feb 2025 11:05
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Quant Time: Feb 06 04:36:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 04:35:49 2025
Response via : Initial Calibration

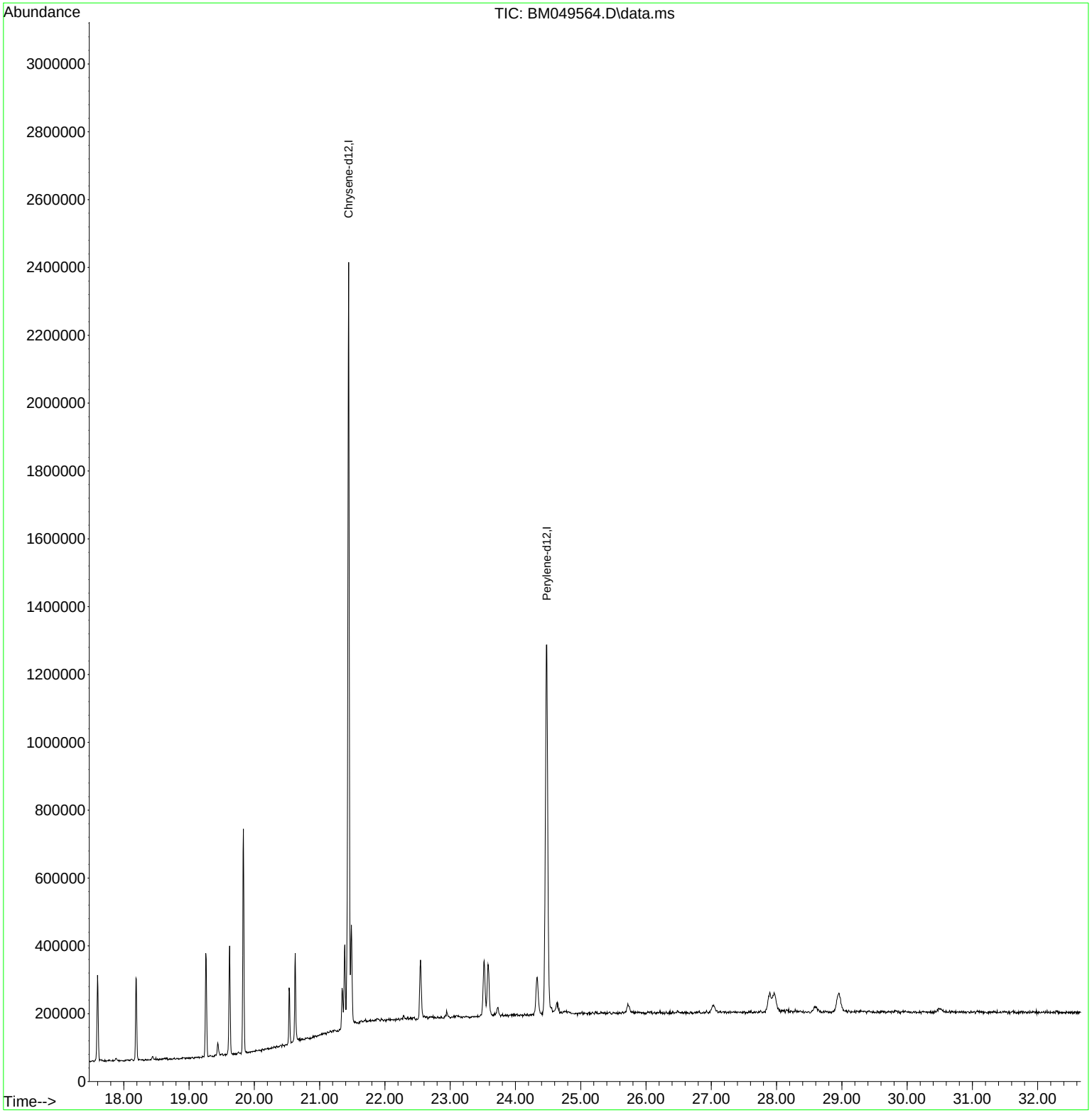


ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020525\
Data File : BM049564.D
Acq On : 05 Feb 2025 11:05
Operator : RC/JU
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC2.5

Quant Time: Feb 06 04:36:47 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 04:35:49 2025
Response via : Initial Calibration



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020525\
Data File : BM049565.D
Acq On : 05 Feb 2025 11:44
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Quant Time: Feb 06 04:37:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 04:35:49 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.828	152	281355	20.000	ng		0.00
21) Naphthalene-d8	10.622	136	1040421	20.000	ng		0.00
39) Acenaphthene-d10	14.463	164	663031	20.000	ng		0.00
64) Phenanthrene-d10	17.204	188	1282078	20.000	ng		0.00
76) Chrysene-d12	21.445	240	1050642	20.000	ng		0.00
86) Perylene-d12	24.474	264	939392	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.393	112	164670	9.412	ng		0.00
7) Phenol-d6	6.975	99	207416	9.049	ng		0.00
23) Nitrobenzene-d5	8.975	82	177204	8.761	ng		0.00
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng		
45) 2-Fluorobiphenyl	13.092	172	433007	8.460	ng		0.00
79) Terphenyl-d14	19.833	244	552192	8.026	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.293	88	35564	4.834	ng		95
3) Pyridine	3.693	79	98511	4.819	ng		96
4) n-Nitrosodimethylamine	3.599	42	44337	4.636	ng	#	96
6) Aniline	7.146	93	102752	4.730	ng		98
8) 2-Chlorophenol	7.387	128	79936	4.576	ng		96
9) Benzaldehyde	6.957	77	67388	5.552	ng		99
10) Phenol	7.004	94	104865	4.645	ng		97
11) bis(2-Chloroethyl)ether	7.246	93	86785	4.751	ng		96
12) 1,3-Dichlorobenzene	7.716	146	98691	4.867	ng		96
13) 1,4-Dichlorobenzene	7.863	146	99490	4.850	ng		99
14) 1,2-Dichlorobenzene	8.175	146	95387	4.816	ng		98
15) Benzyl Alcohol	8.057	79	72503	4.546	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.363	45	117291	4.770	ng		97
17) 2-Methylphenol	8.257	107	64889	4.700	ng		98
18) Hexachloroethane	8.910	117	35779	4.775	ng		96
19) n-Nitroso-di-n-propyla...	8.628	70	69534	4.632	ng		98
20) 3+4-Methylphenols	8.581	107	82241	4.513	ng		97
22) Acetophenone	8.640	105	130422	4.654	ng		98
24) Nitrobenzene	9.016	77	88390	4.498	ng		98
25) Isophorone	9.545	82	167818	4.600	ng		100
26) 2-Nitrophenol	9.734	139	20705	5.598	ng		97
27) 2,4-Dimethylphenol	9.792	122	62122	5.386	ng		96
28) bis(2-Chloroethoxy)met...	10.034	93	110852	4.718	ng		99
29) 2,4-Dichlorophenol	10.263	162	66638	4.195	ng		98
30) 1,2,4-Trichlorobenzene	10.486	180	91662	4.710	ng		98
31) Naphthalene	10.675	128	256675	4.678	ng		99
33) 4-Chloroaniline	10.769	127	96388	4.693	ng		99
34) Hexachlorobutadiene	10.975	225	53346	4.577	ng		98
35) Caprolactam	11.504	113	19856	4.097	ng		94
36) 4-Chloro-3-methylphenol	11.892	107	67154	4.239	ng		98
37) 2-Methylnaphthalene	12.286	142	176822	4.577	ng		99
38) 1-Methylnaphthalene	12.504	142	173149	4.606	ng		100
40) 1,2,4,5-Tetrachloroben...	12.657	216	95516	4.382	ng		99
41) Hexachlorocyclopentadiene	12.645	237	20613	3.704	ng		97
43) 2,4,6-Trichlorophenol	12.892	196	45994	3.866	ng		98
44) 2,4,5-Trichlorophenol	12.957	196	47890	3.663	ng		96

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020525\
Data File : BM049565.D
Acq On : 05 Feb 2025 11:44
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Quant Time: Feb 06 04:37:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 04:35:49 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.298	154	229625	4.540	ng		98
47) 2-Chloronaphthalene	13.339	162	177515	4.536	ng		98
48) 2-Nitroaniline	13.527	65	31147	6.886	ng		91
49) Acenaphthylene	14.186	152	262019	4.541	ng		99
50) Dimethylphthalate	13.922	163	220396	4.629	ng		99
51) 2,6-Dinitrotoluene	14.027	165	28514	3.461	ng		85
52) Acenaphthene	14.527	154	166637	4.351	ng		98
53) 3-Nitroaniline	14.351	138	29903	3.565	ng	#	91
55) Dibenzofuran	14.863	168	277206	4.545	ng		100
57) 2,4-Dinitrotoluene	14.810	165	29729	5.525	ng		88
58) Fluorene	15.510	166	216619	4.152	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.080	232	40263	3.646	ng		96
60) Diethylphthalate	15.292	149	215092	4.495	ng		99
61) 4-Chlorophenyl-phenyle...	15.510	204	110799	3.990	ng		92
62) 4-Nitroaniline	15.510	138	31375	6.847	ng	#	82
63) Azobenzene	15.804	77	237223	4.749	ng		98
66) n-Nitrosodiphenylamine	15.716	169	176950	4.376	ng		100
67) 4-Bromophenyl-phenylether	16.404	248	63592	4.269	ng		96
68) Hexachlorobenzene	16.516	284	74533	4.360	ng		96
69) Atrazine	16.668	200	52467	4.365	ng		99
71) Phenanthrene	17.245	178	318001	4.354	ng		99
72) Anthracene	17.339	178	311738	4.311	ng		99
73) Carbazole	17.598	167	289997	4.569	ng		98
74) Di-n-butylphthalate	18.186	149	333555	4.141	ng		99
75) Fluoranthene	19.262	202	346582	4.053	ng		99
77) Benzidine	19.439	184	54625	5.871	ng		99
78) Pyrene	19.621	202	354809	4.510	ng		98
80) Butylbenzylphthalate	20.539	149	87083	3.557	ng		99
81) Benzo(a)anthracene	21.427	228	312451	4.388	ng		99
82) 3,3'-Dichlorobenzidine	21.350	252	80259	4.189	ng		99
83) Chrysene	21.486	228	291003	4.362	ng		99
84) Bis(2-ethylhexyl)phtha...	21.386	149	171121	4.078	ng		99
85) Di-n-octyl phthalate	22.545	149	265303	4.007	ng		97
87) Indeno(1,2,3-cd)pyrene	27.891	276	204636	3.989	ng		99
88) Benzo(b)fluoranthene	23.521	252	267263	4.136	ng		98
89) Benzo(k)fluoranthene	23.580	252	258722	4.122	ng		99
90) Benzo(a)pyrene	24.333	252	210395	4.108	ng		98
91) Dibenzo(a,h)anthracene	27.968	278	157949	3.896	ng		98
92) Benzo(g,h,i)perylene	28.950	276	186220	4.111	ng		98

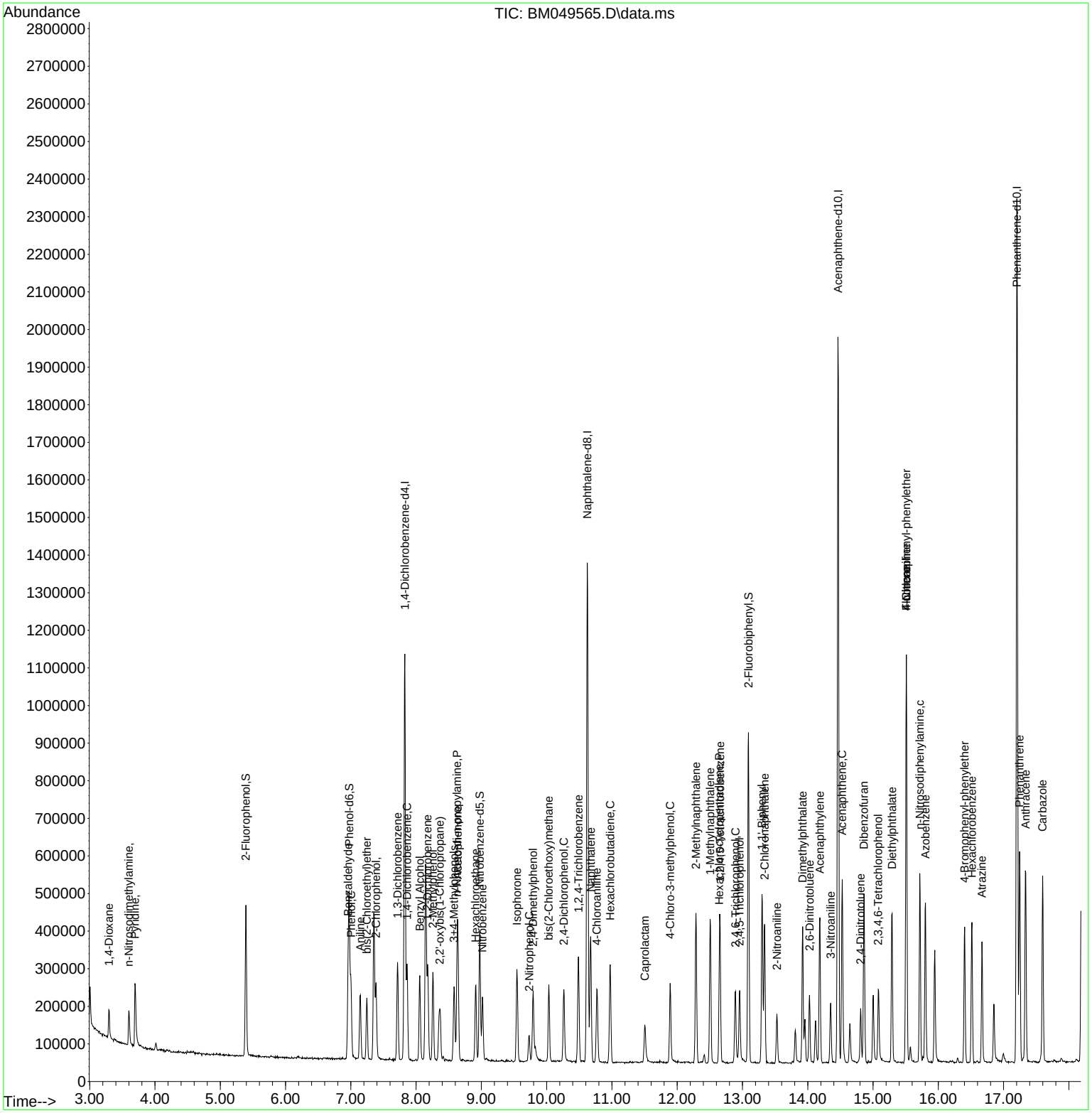
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020525\
Data File : BM049565.D
Acq On : 05 Feb 2025 11:44
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

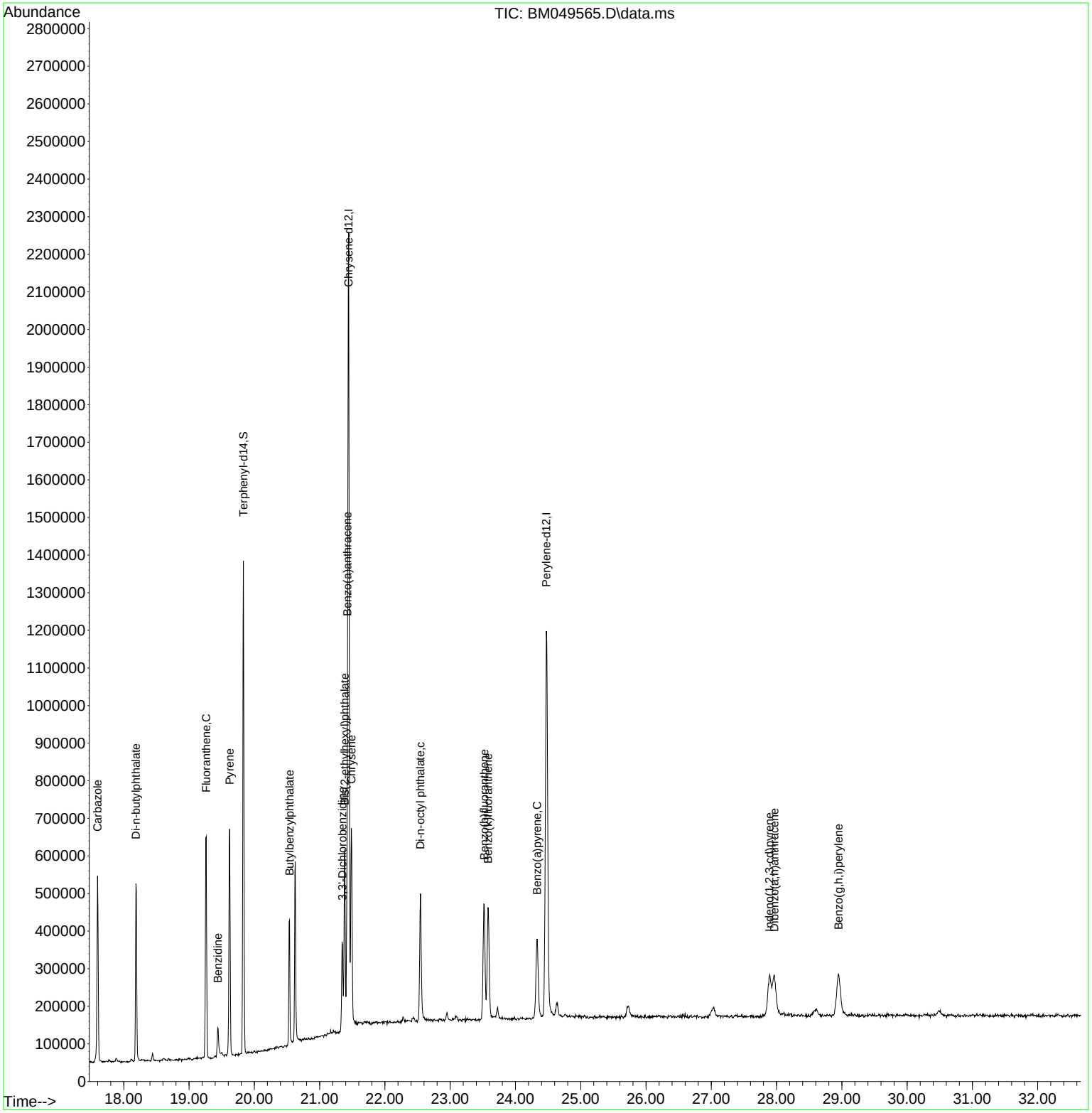
Quant Time: Feb 06 04:37:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 04:35:49 2025
Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020525\
Data File : BM049565.D
Acq On : 05 Feb 2025 11:44
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Quant Time: Feb 06 04:37:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 04:35:49 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020525\
Data File : BM049566.D
Acq On : 05 Feb 2025 12:23
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 06 04:38:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 04:35:49 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.828	152	265291	20.000	ng		0.00
21) Naphthalene-d8	10.622	136	979600	20.000	ng		0.00
39) Acenaphthene-d10	14.463	164	615655	20.000	ng		0.00
64) Phenanthrene-d10	17.204	188	1184451	20.000	ng		0.00
76) Chrysene-d12	21.445	240	997889	20.000	ng		0.00
86) Perylene-d12	24.474	264	906364	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.393	112	309964	18.789	ng		0.00
7) Phenol-d6	6.975	99	392393	18.155	ng		0.00
23) Nitrobenzene-d5	8.975	82	340923	17.901	ng		0.00
42) 2,4,6-Tribromophenol	15.945	330	107159	14.689	ng		0.00
45) 2-Fluorobiphenyl	13.092	172	826270	17.386	ng		0.00
79) Terphenyl-d14	19.833	244	1097017	16.787	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.293	88	68696	9.904	ng		99
3) Pyridine	3.693	79	183547	9.522	ng		99
4) n-Nitrosodimethylamine	3.599	42	85000	9.425	ng	#	97
6) Aniline	7.146	93	191418	9.344	ng		99
8) 2-Chlorophenol	7.387	128	156734	9.515	ng		98
9) Benzaldehyde	6.958	77	132810	11.605	ng		99
10) Phenol	7.005	94	197462	9.276	ng		98
11) bis(2-Chloroethyl)ether	7.246	93	164659	9.561	ng		96
12) 1,3-Dichlorobenzene	7.716	146	183398	9.592	ng		100
13) 1,4-Dichlorobenzene	7.863	146	186009	9.618	ng		99
14) 1,2-Dichlorobenzene	8.175	146	177668	9.514	ng		98
15) Benzyl Alcohol	8.058	79	135726	9.026	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.363	45	223048	9.621	ng		98
17) 2-Methylphenol	8.258	107	119860	9.208	ng		97
18) Hexachloroethane	8.910	117	66756	9.450	ng		98
19) n-Nitroso-di-n-propyla...	8.628	70	133422	9.427	ng		99
20) 3+4-Methylphenols	8.581	107	154283	8.979	ng		98
22) Acetophenone	8.640	105	245146	9.291	ng		97
24) Nitrobenzene	9.016	77	170525	9.216	ng		98
25) Isophorone	9.546	82	319062	9.290	ng		99
26) 2-Nitrophenol	9.734	139	41496	9.522	ng		95
27) 2,4-Dimethylphenol	9.793	122	98955	9.112	ng		98
28) bis(2-Chloroethoxy)met...	10.034	93	207556	9.383	ng		98
29) 2,4-Dichlorophenol	10.263	162	128353	8.582	ng		98
30) 1,2,4-Trichlorobenzene	10.487	180	169290	9.239	ng		99
31) Naphthalene	10.675	128	477795	9.248	ng		99
32) Benzoic acid	9.840	122	29710m	8.857	ng		
33) 4-Chloroaniline	10.769	127	179735	9.294	ng		99
34) Hexachlorobutadiene	10.975	225	101290	9.231	ng		97
35) Caprolactam	11.510	113	41743	9.149	ng		98
36) 4-Chloro-3-methylphenol	11.893	107	128855	8.639	ng		99
37) 2-Methylnaphthalene	12.287	142	328381	9.028	ng		98
38) 1-Methylnaphthalene	12.504	142	322289	9.106	ng		99
40) 1,2,4,5-Tetrachloroben...	12.657	216	177187	8.754	ng		97
41) Hexachlorocyclopentadiene	12.645	237	40634	7.863	ng		99
43) 2,4,6-Trichlorophenol	12.893	196	90905	8.230	ng		96

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020525\
Data File : BM049566.D
Acq On : 05 Feb 2025 12:23
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025

Quant Time: Feb 06 04:38:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 04:35:49 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.957	196	102400	8.436	ng		98
46) 1,1'-Biphenyl	13.298	154	428255	9.118	ng		99
47) 2-Chloronaphthalene	13.340	162	335172	9.224	ng		99
48) 2-Nitroaniline	13.528	65	64419	10.273	ng		96
49) Acenaphthylene	14.187	152	488402	9.115	ng		99
50) Dimethylphthalate	13.922	163	406284	9.189	ng		99
51) 2,6-Dinitrotoluene	14.028	165	61433	8.030	ng		90
52) Acenaphthene	14.528	154	317954	8.940	ng		99
53) 3-Nitroaniline	14.351	138	62821	8.065	ng	#	90
54) 2,4-Dinitrophenol	14.557	184	9118	9.840	ng		91
55) Dibenzofuran	14.863	168	518280	9.152	ng		99
56) 4-Nitrophenol	14.645	139	45702	6.960	ng		99
57) 2,4-Dinitrotoluene	14.816	165	65611	9.468	ng		96
58) Fluorene	15.510	166	404431	8.348	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.086	232	80243	7.825	ng		97
60) Diethylphthalate	15.292	149	404895	9.112	ng		100
61) 4-Chlorophenyl-phenyle...	15.510	204	209212	8.114	ng		92
62) 4-Nitroaniline	15.510	138	68143	10.378	ng		92
63) Azobenzene	15.804	77	441500	9.519	ng		99
65) 4,6-Dinitro-2-methylph...	15.575	198	16428	10.421	ng		95
66) n-Nitrosodiphenylamine	15.722	169	333184	8.920	ng		100
67) 4-Bromophenyl-phenylether	16.404	248	119812	8.707	ng		99
68) Hexachlorobenzene	16.516	284	138791	8.788	ng		98
69) Atrazine	16.669	200	102680	9.247	ng		96
70) Pentachlorophenol	16.851	266	55688	12.434	ng		98
71) Phenanthrene	17.245	178	591099	8.760	ng		99
72) Anthracene	17.339	178	579698	8.676	ng		99
73) Carbazole	17.598	167	551443	9.404	ng		99
74) Di-n-butylphthalate	18.186	149	638740	8.584	ng		99
75) Fluoranthene	19.257	202	654790	8.288	ng		99
77) Benzidine	19.445	184	89249	10.100	ng		98
78) Pyrene	19.621	202	677748	9.071	ng		99
80) Butylbenzylphthalate	20.533	149	183255	7.882	ng		98
81) Benzo(a)anthracene	21.427	228	596992	8.827	ng		99
82) 3,3'-Dichlorobenzidine	21.351	252	164591	9.044	ng		99
83) Chrysene	21.486	228	565999	8.933	ng		98
84) Bis(2-ethylhexyl)phtha...	21.380	149	338974	8.505	ng		99
85) Di-n-octyl phthalate	22.545	149	532319	8.466	ng		97
87) Indeno(1,2,3-cd)pyrene	27.892	276	412721	8.338	ng		98
88) Benzo(b)fluoranthene	23.515	252	524954	8.419	ng		99
89) Benzo(k)fluoranthene	23.580	252	500221	8.260	ng		99
90) Benzo(a)pyrene	24.333	252	418883	8.477	ng		99
91) Dibenzo(a,h)anthracene	27.962	278	315730	8.071	ng		97
92) Benzo(g,h,i)perylene	28.950	276	373381	8.544	ng		99

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

ICAL Form

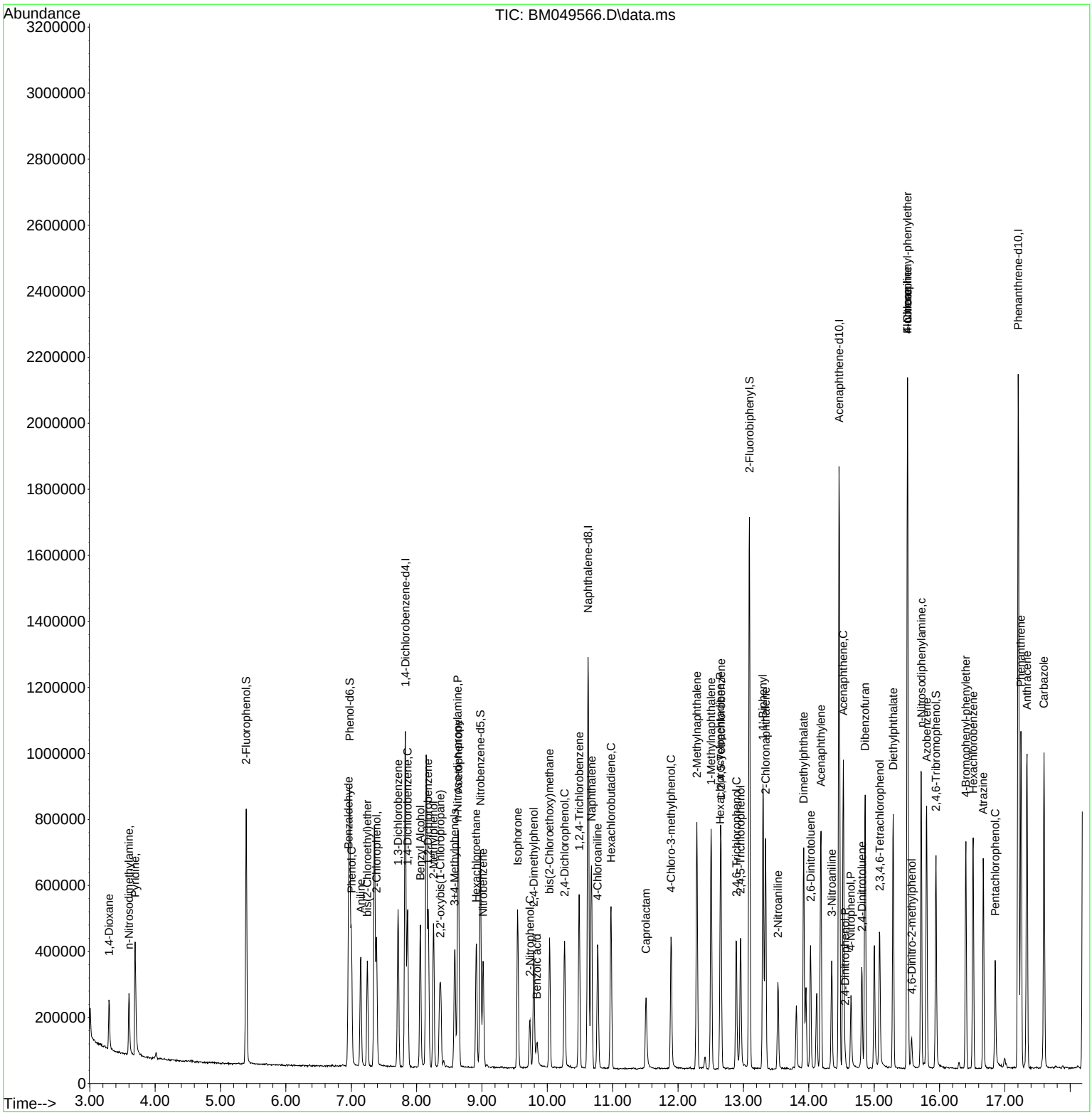
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020525\
Data File : BM049566.D
Acq On : 05 Feb 2025 12:23
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 06 04:38:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 04:35:49 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



ICAL Form

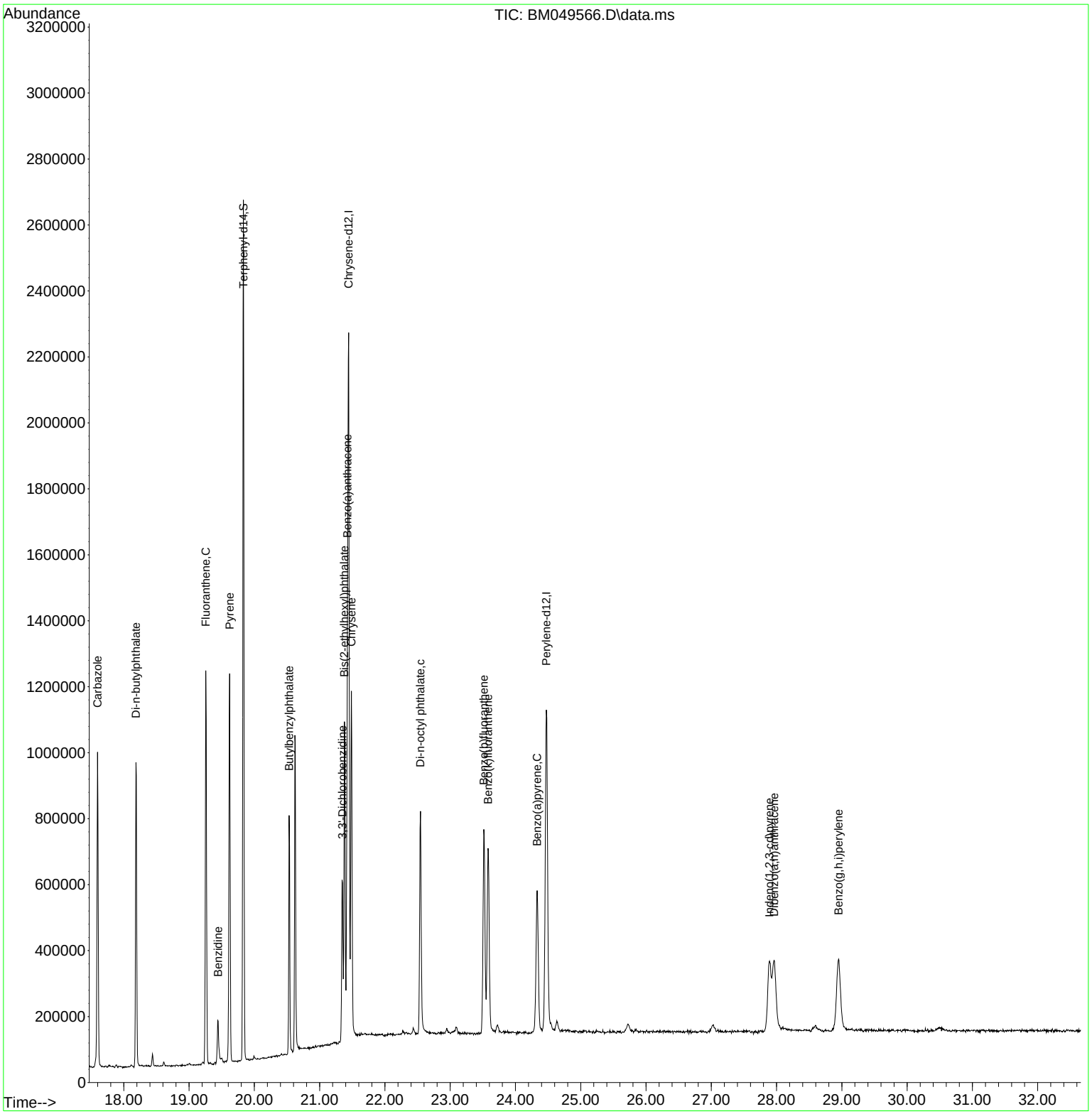
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020525\
Data File : BM049566.D
Acq On : 05 Feb 2025 12:23
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 06 04:38:30 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 04:35:49 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020525\
Data File : BM049567.D
Acq On : 05 Feb 2025 13:02
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025

Quant Time: Feb 06 04:39:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 04:35:49 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.828	152	267262	20.000	ng		0.00
21) Naphthalene-d8	10.622	136	996718	20.000	ng		0.00
39) Acenaphthene-d10	14.468	164	632433	20.000	ng		0.00
64) Phenanthrene-d10	17.203	188	1193545	20.000	ng		0.00
76) Chrysene-d12	21.444	240	1012796	20.000	ng		0.00
86) Perylene-d12	24.474	264	885452	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.392	112	669798	40.301	ng		0.00
7) Phenol-d6	6.981	99	870645	39.985	ng		0.00
23) Nitrobenzene-d5	8.975	82	770823	39.780	ng		0.00
42) 2,4,6-Tribromophenol	15.951	330	264315	35.271	ng		0.00
45) 2-Fluorobiphenyl	13.092	172	1863384	38.169	ng		0.00
79) Terphenyl-d14	19.833	244	2652480	39.993	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.293	88	146495	20.964	ng		100
3) Pyridine	3.687	79	394888	20.336	ng		98
4) n-Nitrosodimethylamine	3.598	42	186343	20.510	ng	#	99
6) Aniline	7.145	93	418153	20.262	ng		98
8) 2-Chlorophenol	7.386	128	331466	19.973	ng		99
9) Benzaldehyde	6.957	77	267081	23.166	ng		99
10) Phenol	7.004	94	431558	20.123	ng		98
11) bis(2-Chloroethyl)ether	7.245	93	352490	20.316	ng		96
12) 1,3-Dichlorobenzene	7.716	146	391859	20.343	ng		99
13) 1,4-Dichlorobenzene	7.863	146	392939	20.167	ng		99
14) 1,2-Dichlorobenzene	8.181	146	381055	20.254	ng		99
15) Benzyl Alcohol	8.057	79	299157	19.748	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.363	45	484046	20.724	ng		99
17) 2-Methylphenol	8.257	107	264395	20.162	ng		96
18) Hexachloroethane	8.916	117	143748	20.198	ng		97
19) n-Nitroso-di-n-propyla...	8.633	70	292946	20.545	ng		99
20) 3+4-Methylphenols	8.586	107	342307	19.774	ng		98
22) Acetophenone	8.645	105	535786	19.958	ng	#	99
24) Nitrobenzene	9.022	77	379824	20.175	ng		98
25) Isophorone	9.545	82	703530	20.132	ng		99
26) 2-Nitrophenol	9.733	139	105690	19.876	ng		97
27) 2,4-Dimethylphenol	9.792	122	215359	19.490	ng		99
28) bis(2-Chloroethoxy)met...	10.033	93	451058	20.040	ng		98
29) 2,4-Dichlorophenol	10.263	162	301725	19.828	ng		99
30) 1,2,4-Trichlorobenzene	10.486	180	374300	20.077	ng		100
31) Naphthalene	10.675	128	1047308	19.923	ng		99
32) Benzoic acid	9.869	122	89714m	18.245	ng		
33) 4-Chloroaniline	10.774	127	392387	19.942	ng		98
34) Hexachlorobutadiene	10.974	225	218549	19.575	ng		99
35) Caprolactam	11.522	113	90851	19.570	ng		96
36) 4-Chloro-3-methylphenol	11.892	107	300840	19.824	ng		98
37) 2-Methylnaphthalene	12.286	142	728402	19.681	ng		99
38) 1-Methylnaphthalene	12.510	142	703775	19.544	ng		99
40) 1,2,4,5-Tetrachloroben...	12.657	216	398720	19.175	ng		99
41) Hexachlorocyclopentadiene	12.645	237	99050	18.660	ng		98
43) 2,4,6-Trichlorophenol	12.892	196	218328	19.242	ng		98

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020525\
Data File : BM049567.D
Acq On : 05 Feb 2025 13:02
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025

Quant Time: Feb 06 04:39:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 04:35:49 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.957	196	240216	19.264	ng		98
46) 1,1'-Biphenyl	13.304	154	944857	19.584	ng		99
47) 2-Chloronaphthalene	13.339	162	735352	19.700	ng		99
48) 2-Nitroaniline	13.527	65	163843	19.343	ng		90
49) Acenaphthylene	14.186	152	1080460	19.630	ng		99
50) Dimethylphthalate	13.921	163	888790	19.569	ng		99
51) 2,6-Dinitrotoluene	14.027	165	152117	19.356	ng		95
52) Acenaphthene	14.527	154	703675	19.260	ng		97
53) 3-Nitroaniline	14.351	138	153537	19.188	ng	#	94
54) 2,4-Dinitrophenol	14.557	184	26287	20.396	ng		98
55) Dibenzofuran	14.862	168	1143077	19.649	ng		99
56) 4-Nitrophenol	14.651	139	116652	17.294	ng		94
57) 2,4-Dinitrotoluene	14.815	165	179291	20.024	ng		98
58) Fluorene	15.515	166	946085	19.011	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.086	232	197853	18.781	ng		99
60) Diethylphthalate	15.292	149	891126	19.523	ng		99
61) 4-Chlorophenyl-phenyle...	15.509	204	484076	18.275	ng		93
62) 4-Nitroaniline	15.509	138	167720	18.987	ng		93
63) Azobenzene	15.804	77	951557	19.973	ng		99
65) 4,6-Dinitro-2-methylph...	15.574	198	45583	19.920	ng		97
66) n-Nitrosodiphenylamine	15.721	169	736909	19.577	ng		99
67) 4-Bromophenyl-phenylether	16.404	248	261606	18.867	ng		97
68) Hexachlorobenzene	16.515	284	299051	18.791	ng		96
69) Atrazine	16.674	200	224415	20.056	ng		97
70) Pentachlorophenol	16.856	266	149079	20.254	ng		99
71) Phenanthrene	17.245	178	1292863	19.014	ng		100
72) Anthracene	17.339	178	1283192	19.059	ng		100
73) Carbazole	17.598	167	1159441	19.621	ng		100
74) Di-n-butylphthalate	18.192	149	1441290	19.222	ng		100
75) Fluoranthene	19.262	202	1454302	18.269	ng		100
77) Benzidine	19.445	184	154795	17.259	ng		98
78) Pyrene	19.621	202	1483386	19.561	ng		100
80) Butylbenzylphthalate	20.533	149	449025	19.028	ng		97
81) Benzo(a)anthracene	21.427	228	1327299	19.337	ng		100
82) 3,3'-Dichlorobenzidine	21.344	252	363874	19.700	ng		97
83) Chrysene	21.491	228	1241512	19.306	ng		100
84) Bis(2-ethylhexyl)phtha...	21.386	149	795741	19.671	ng		98
85) Di-n-octyl phthalate	22.544	149	1239401	19.420	ng		99
87) Indeno(1,2,3-cd)pyrene	27.891	276	901714	18.647	ng		100
88) Benzo(b)fluoranthene	23.521	252	1127317	18.507	ng		99
89) Benzo(k)fluoranthene	23.585	252	1109292	18.750	ng		100
90) Benzo(a)pyrene	24.332	252	904754	18.743	ng		99
91) Dibenzo(a,h)anthracene	27.962	278	702008	18.368	ng		97
92) Benzo(g,h,i)perylene	28.962	276	813472	19.054	ng		99

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

ICAL Form

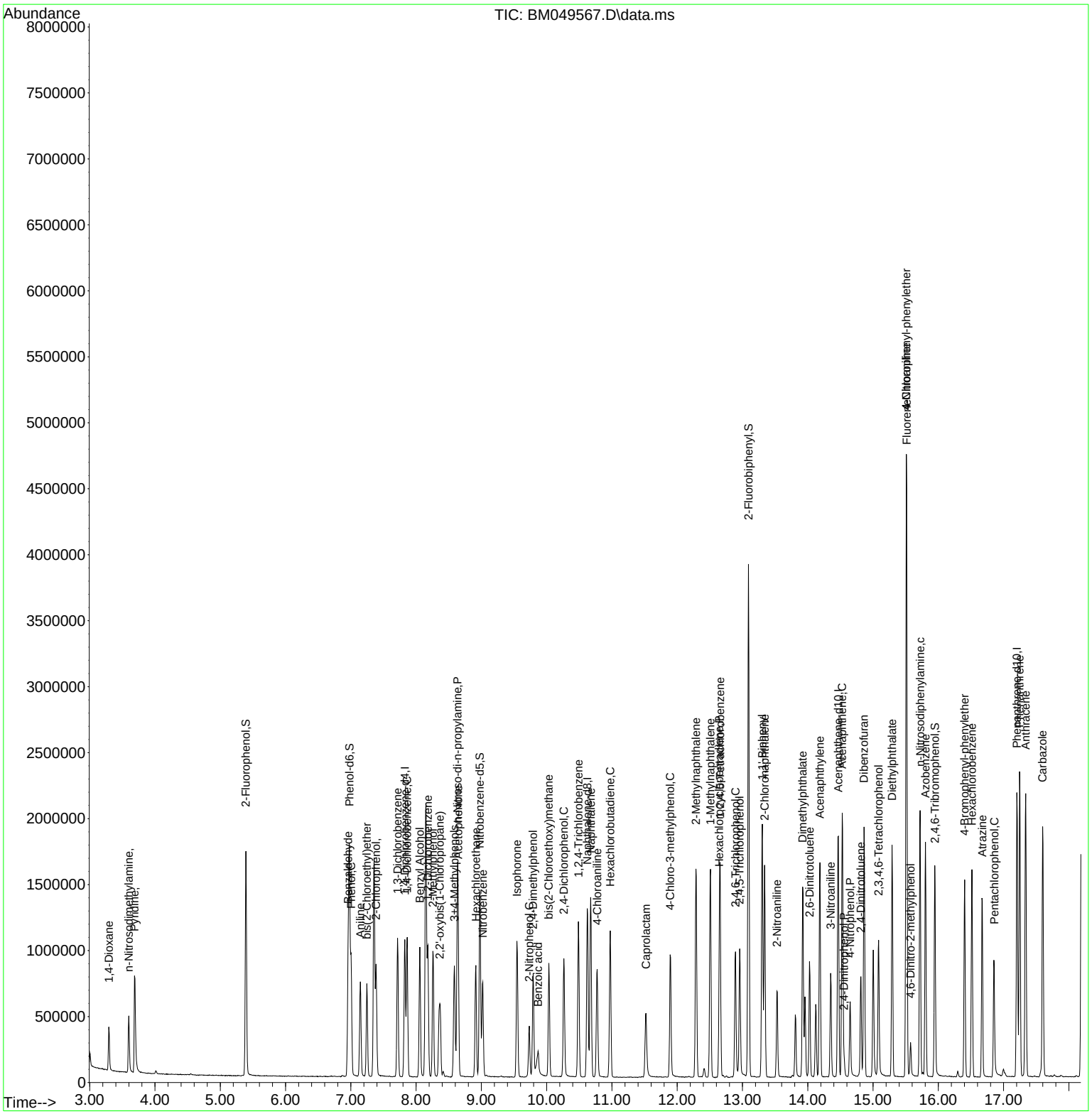
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020525\
Data File : BM049567.D
Acq On : 05 Feb 2025 13:02
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 06 04:39:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 04:35:49 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



ICAL Form

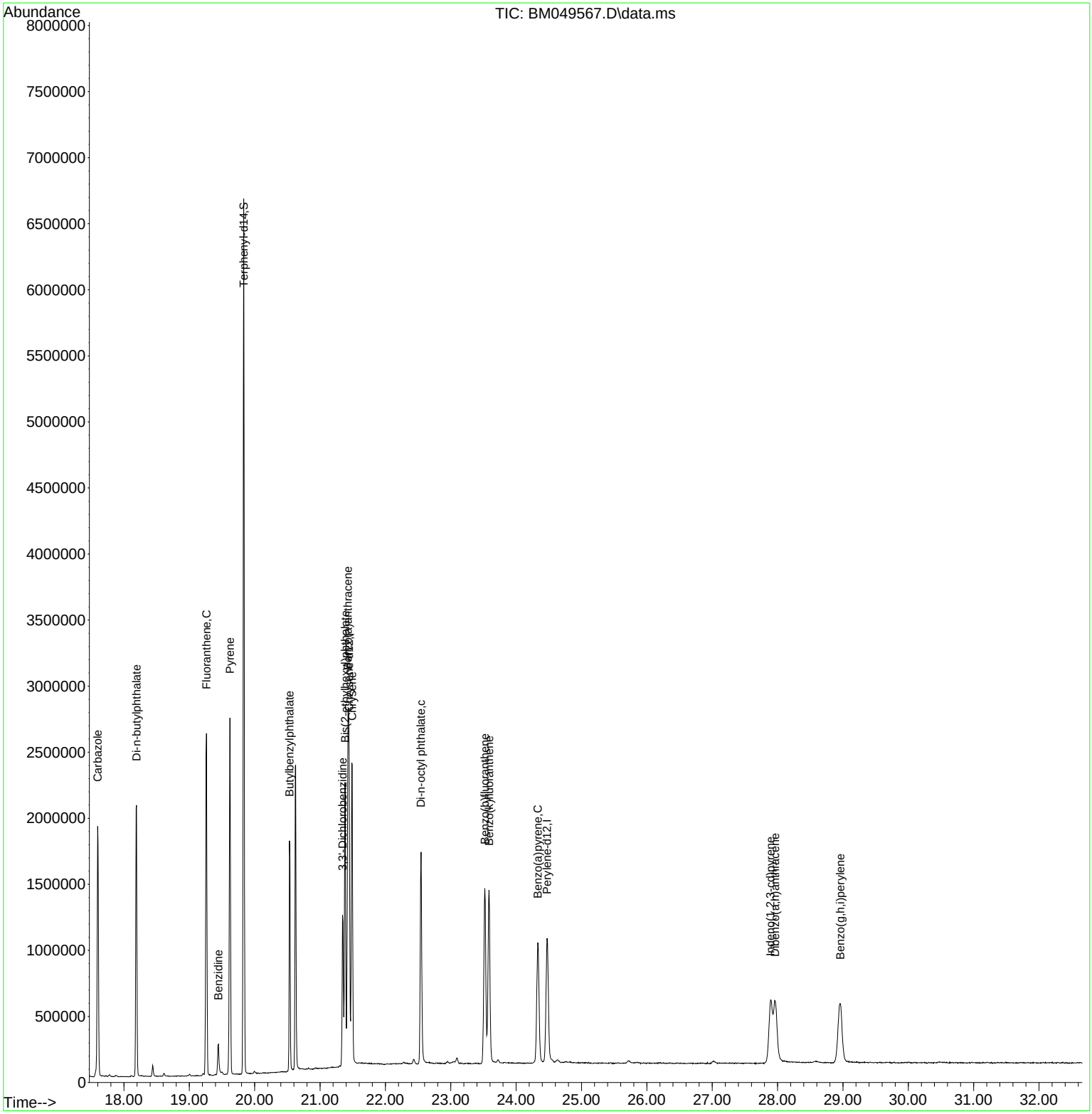
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020525\
Data File : BM049567.D
Acq On : 05 Feb 2025 13:02
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Feb 06 04:39:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 04:35:49 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020525\
Data File : BM049568.D
Acq On : 05 Feb 2025 13:40
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 06 04:40:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 04:35:49 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	262638	20.000	ng	0.00
21) Naphthalene-d8	10.627	136	983474	20.000	ng	0.00
39) Acenaphthene-d10	14.468	164	623292	20.000	ng	0.00
64) Phenanthrene-d10	17.203	188	1179756	20.000	ng	0.00
76) Chrysene-d12	21.444	240	1084901	20.000	ng	0.00
86) Perylene-d12	24.474	264	922995	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	1315306	80.534	ng	0.00
7) Phenol-d6	6.981	99	1738818	81.263	ng	0.00
23) Nitrobenzene-d5	8.981	82	1562797	81.737	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	618654	83.766	ng	0.00
45) 2-Fluorobiphenyl	13.092	172	3973036	82.576	ng	0.00
79) Terphenyl-d14	19.833	244	6343524	89.288	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	271886	39.593	ng	100
3) Pyridine	3.687	79	782251	40.993	ng	100
4) n-Nitrosodimethylamine	3.599	42	363504	40.714	ng	100
6) Aniline	7.145	93	821984	40.532	ng	100
8) 2-Chlorophenol	7.386	128	659861	40.462	ng	100
9) Benzaldehyde	6.957	77	449265	39.654	ng	100
10) Phenol	7.010	94	849933	40.328	ng	100
11) bis(2-Chloroethyl)ether	7.251	93	686896	40.286	ng	100
12) 1,3-Dichlorobenzene	7.716	146	758433	40.066	ng	100
13) 1,4-Dichlorobenzene	7.863	146	767846	40.103	ng	100
14) 1,2-Dichlorobenzene	8.181	146	747905	40.454	ng	100
15) Benzyl Alcohol	8.057	79	609449	40.940	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.357	45	931200	40.570	ng	100
17) 2-Methylphenol	8.263	107	521618	40.477	ng	100
18) Hexachloroethane	8.916	117	284407	40.665	ng	100
19) n-Nitroso-di-n-propyla...	8.633	70	581317	41.487	ng	100
20) 3+4-Methylphenols	8.586	107	688006	40.444	ng	100
22) Acetophenone	8.645	105	1069774	40.386	ng	100
24) Nitrobenzene	9.022	77	761228	40.979	ng	100
25) Isophorone	9.551	82	1399177	40.577	ng	100
26) 2-Nitrophenol	9.733	139	242913	39.860	ng	100
27) 2,4-Dimethylphenol	9.792	122	427539	39.213	ng	100
28) bis(2-Chloroethoxy)met...	10.039	93	899081	40.483	ng	100
29) 2,4-Dichlorophenol	10.269	162	620551	41.329	ng	100
30) 1,2,4-Trichlorobenzene	10.486	180	735389	39.976	ng	100
31) Naphthalene	10.675	128	2086201	40.221	ng	100
32) Benzoic acid	9.904	122	245395m	38.608	ng	
33) 4-Chloroaniline	10.775	127	779665	40.159	ng	100
34) Hexachlorobutadiene	10.975	225	439673	39.912	ng	100
35) Caprolactam	11.539	113	189541	41.378	ng	100
36) 4-Chloro-3-methylphenol	11.898	107	615126	41.080	ng	100
37) 2-Methylnaphthalene	12.286	142	1467687	40.189	ng	100
38) 1-Methylnaphthalene	12.510	142	1426558	40.149	ng	100
40) 1,2,4,5-Tetrachloroben...	12.657	216	834298	40.712	ng	100
41) Hexachlorocyclopentadiene	12.645	237	219814	42.017	ng	100
43) 2,4,6-Trichlorophenol	12.892	196	465560	41.632	ng	100

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020525\
Data File : BM049568.D
Acq On : 05 Feb 2025 13:40
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025

Quant Time: Feb 06 04:40:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 04:35:49 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.963	196	514154	41.838	ng	100
46) 1,1'-Biphenyl	13.304	154	1934491	40.685	ng	100
47) 2-Chloronaphthalene	13.339	162	1493208	40.589	ng	100
48) 2-Nitroaniline	13.533	65	364774	38.501	ng	100
49) Acenaphthylene	14.186	152	2176300	40.119	ng	100
50) Dimethylphthalate	13.927	163	1797319	40.153	ng	100
51) 2,6-Dinitrotoluene	14.033	165	327145	42.237	ng	100
52) Acenaphthene	14.533	154	1462200	40.609	ng	100
53) 3-Nitroaniline	14.357	138	337337	42.777	ng	100
54) 2,4-Dinitrophenol	14.557	184	71559	39.995	ng	100
55) Dibenzofuran	14.862	168	2308251	40.260	ng	100
56) 4-Nitrophenol	14.651	139	272026	40.921	ng	100
57) 2,4-Dinitrotoluene	14.815	165	413251	39.921	ng	100
58) Fluorene	15.515	166	2039859	41.590	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.086	232	436199	42.013	ng	100
60) Diethylphthalate	15.298	149	1834742	40.786	ng	100
61) 4-Chlorophenyl-phenyle...	15.515	204	1096995	42.022	ng	100
62) 4-Nitroaniline	15.515	138	385924	38.711	ng	100
63) Azobenzene	15.804	77	1886613	40.180	ng	100
65) 4,6-Dinitro-2-methylph...	15.580	198	122299	39.409	ng	100
66) n-Nitrosodiphenylamine	15.721	169	1509985	40.585	ng	100
67) 4-Bromophenyl-phenylether	16.404	248	554497	40.457	ng	100
68) Hexachlorobenzene	16.515	284	637429	40.521	ng	100
69) Atrazine	16.674	200	443956	40.141	ng	100
70) Pentachlorophenol	16.851	266	352136	37.682	ng	100
71) Phenanthrene	17.251	178	2710187	40.324	ng	100
72) Anthracene	17.339	178	2680831	40.284	ng	100
73) Carbazole	17.603	167	2338627	40.038	ng	100
74) Di-n-butylphthalate	18.192	149	3064558	41.349	ng	100
75) Fluoranthene	19.262	202	3177885	40.386	ng	100
77) Benzidine	19.439	184	421009	43.821	ng	100
78) Pyrene	19.621	202	3248912	39.995	ng	100
80) Butylbenzylphthalate	20.533	149	1091121	43.166	ng	100
81) Benzo(a)anthracene	21.427	228	2973182	40.437	ng	100
82) 3,3'-Dichlorobenzidine	21.350	252	830581	41.980	ng	100
83) Chrysene	21.491	228	2810101	40.793	ng	100
84) Bis(2-ethylhexyl)phtha...	21.380	149	1809550	41.759	ng	100
85) Di-n-octyl phthalate	22.544	149	2854286	41.752	ng	100
87) Indeno(1,2,3-cd)pyrene	27.903	276	2057162	40.811	ng	100
88) Benzo(b)fluoranthene	23.527	252	2578991	40.616	ng	100
89) Benzo(k)fluoranthene	23.585	252	2460333	39.894	ng	100
90) Benzo(a)pyrene	24.332	252	2036499	40.472	ng	100
91) Dibenzo(a,h)anthracene	27.968	278	1618260	40.620	ng	100
92) Benzo(g,h,i)perylene	28.967	276	1819587	40.887	ng	100

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

ICAL Form

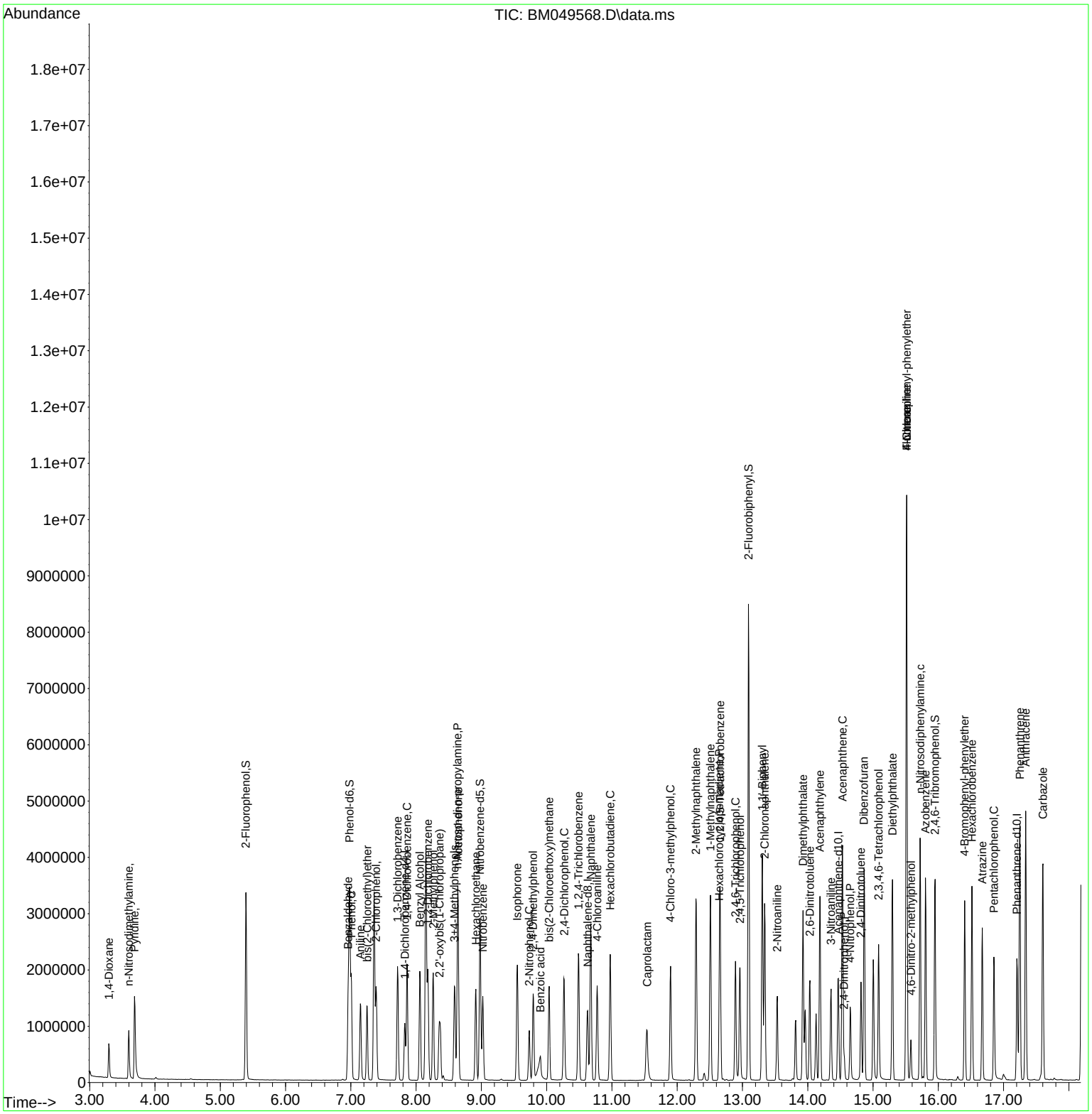
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020525\
Data File : BM049568.D
Acq On : 05 Feb 2025 13:40
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 06 04:40:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 04:35:49 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



ICAL Form

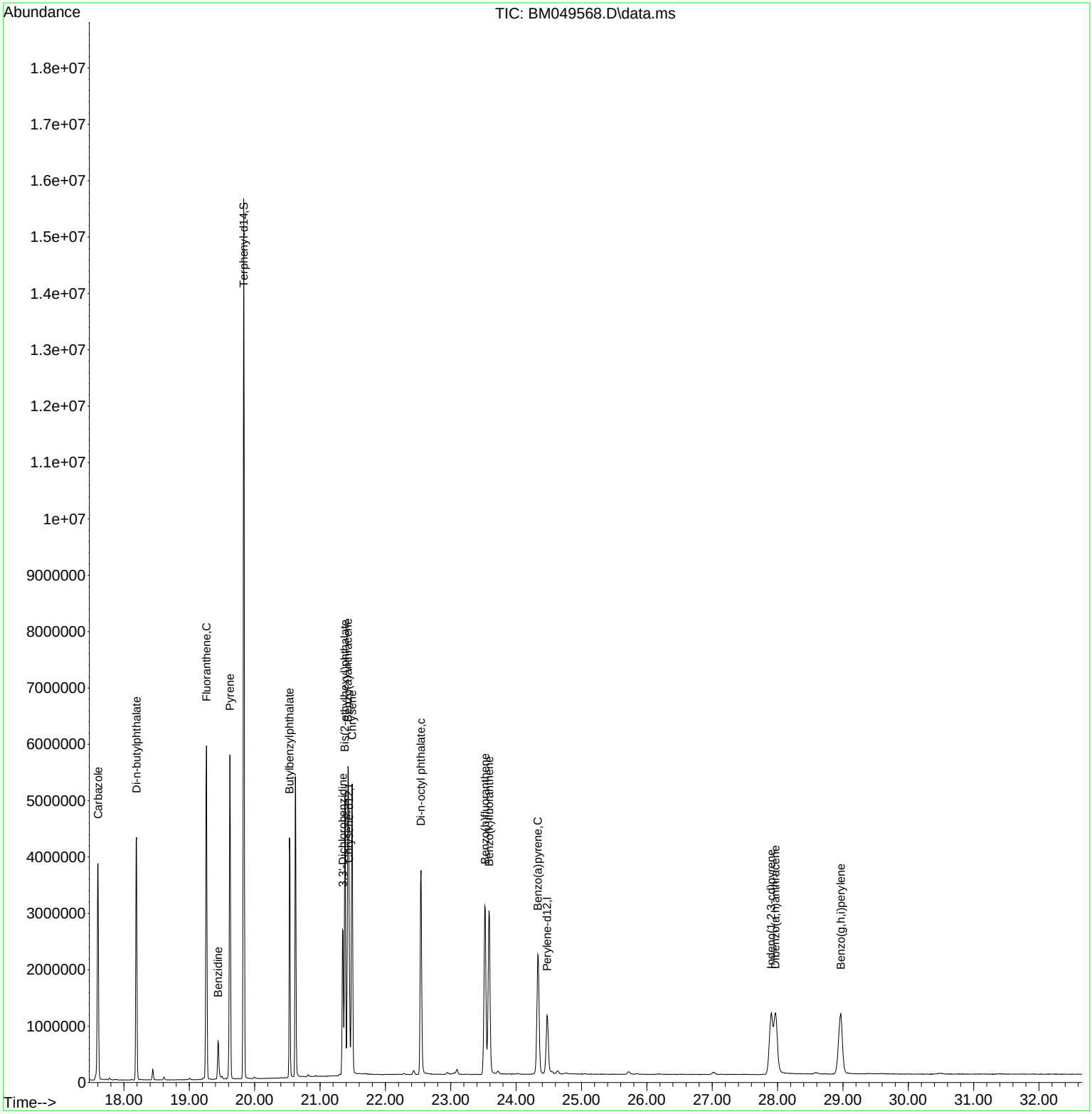
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020525\
Data File : BM049568.D
Acq On : 05 Feb 2025 13:40
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 06 04:40:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 04:35:49 2025
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/06/2025
Supervised By :mohammad ahmed 02/06/2025



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020525\
Data File : BM049569.D
Acq On : 05 Feb 2025 14:19
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Quant Time: Feb 06 04:40:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 04:35:49 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.828	152	259539	20.000	ng		0.00
21) Naphthalene-d8	10.627	136	969433	20.000	ng		0.00
39) Acenaphthene-d10	14.468	164	618657	20.000	ng		0.00
64) Phenanthrene-d10	17.204	188	1164880	20.000	ng		0.00
76) Chrysene-d12	21.444	240	1105052	20.000	ng		0.00
86) Perylene-d12	24.474	264	932296	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.393	112	1618253	100.266	ng		0.00
7) Phenol-d6	6.981	99	2165215	102.399	ng		0.00
23) Nitrobenzene-d5	8.981	82	1957730	103.876	ng		0.00
42) 2,4,6-Tribromophenol	15.951	330	807411	110.143	ng		0.00
45) 2-Fluorobiphenyl	13.092	172	5019238	105.102	ng		0.00
79) Terphenyl-d14	19.833	244	8207506	113.417	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.293	88	332135	48.944	ng		98
3) Pyridine	3.687	79	957936	50.799	ng		99
4) n-Nitrosodimethylamine	3.599	42	448227	50.803	ng		99
6) Aniline	7.151	93	1010696	50.432	ng		98
8) 2-Chlorophenol	7.392	128	821842	50.996	ng		99
9) Benzaldehyde	6.957	77	527515	47.116	ng		99
10) Phenol	7.010	94	1052347	50.529	ng		99
11) bis(2-Chloroethyl)ether	7.251	93	849291	50.406	ng		99
12) 1,3-Dichlorobenzene	7.716	146	936081	50.041	ng		97
13) 1,4-Dichlorobenzene	7.863	146	947957	50.100	ng		99
14) 1,2-Dichlorobenzene	8.181	146	918389	50.268	ng		99
15) Benzyl Alcohol	8.063	79	758462	51.558	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.363	45	1142663	50.378	ng		99
17) 2-Methylphenol	8.263	107	647530	50.848	ng		97
18) Hexachloroethane	8.916	117	346730	50.169	ng		100
19) n-Nitroso-di-n-propyla...	8.633	70	716715	51.761	ng		97
20) 3+4-Methylphenols	8.592	107	874916	52.045	ng		99
22) Acetophenone	8.645	105	1325012	50.746	ng	#	99
24) Nitrobenzene	9.022	77	937136	51.179	ng		100
25) Isophorone	9.551	82	1731660	50.947	ng		100
26) 2-Nitrophenol	9.733	139	313657	49.506	ng		98
27) 2,4-Dimethylphenol	9.798	122	529227	49.243	ng		98
28) bis(2-Chloroethoxy)met...	10.039	93	1100455	50.268	ng		97
29) 2,4-Dichlorophenol	10.269	162	771988	52.159	ng		99
30) 1,2,4-Trichlorobenzene	10.486	180	909586	50.162	ng		99
31) Naphthalene	10.675	128	2576896	50.401	ng		99
32) Benzoic acid	9.916	122	336600	49.044	ng		98
33) 4-Chloroaniline	10.775	127	967047	50.532	ng		99
34) Hexachlorobutadiene	10.975	225	551656	50.802	ng		99
35) Caprolactam	11.539	113	236645	52.410	ng		99
36) 4-Chloro-3-methylphenol	11.898	107	773447	52.401	ng		99
37) 2-Methylnaphthalene	12.292	142	1838099	51.061	ng		99
38) 1-Methylnaphthalene	12.510	142	1776752	50.729	ng		100
40) 1,2,4,5-Tetrachloroben...	12.657	216	1052168	51.728	ng		100
41) Hexachlorocyclopentadiene	12.651	237	279407	53.809	ng		98
43) 2,4,6-Trichlorophenol	12.892	196	593715	53.490	ng		98

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020525\
Data File : BM049569.D
Acq On : 05 Feb 2025 14:19
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Quant Time: Feb 06 04:40:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 04:35:49 2025
Response via : Initial Calibration

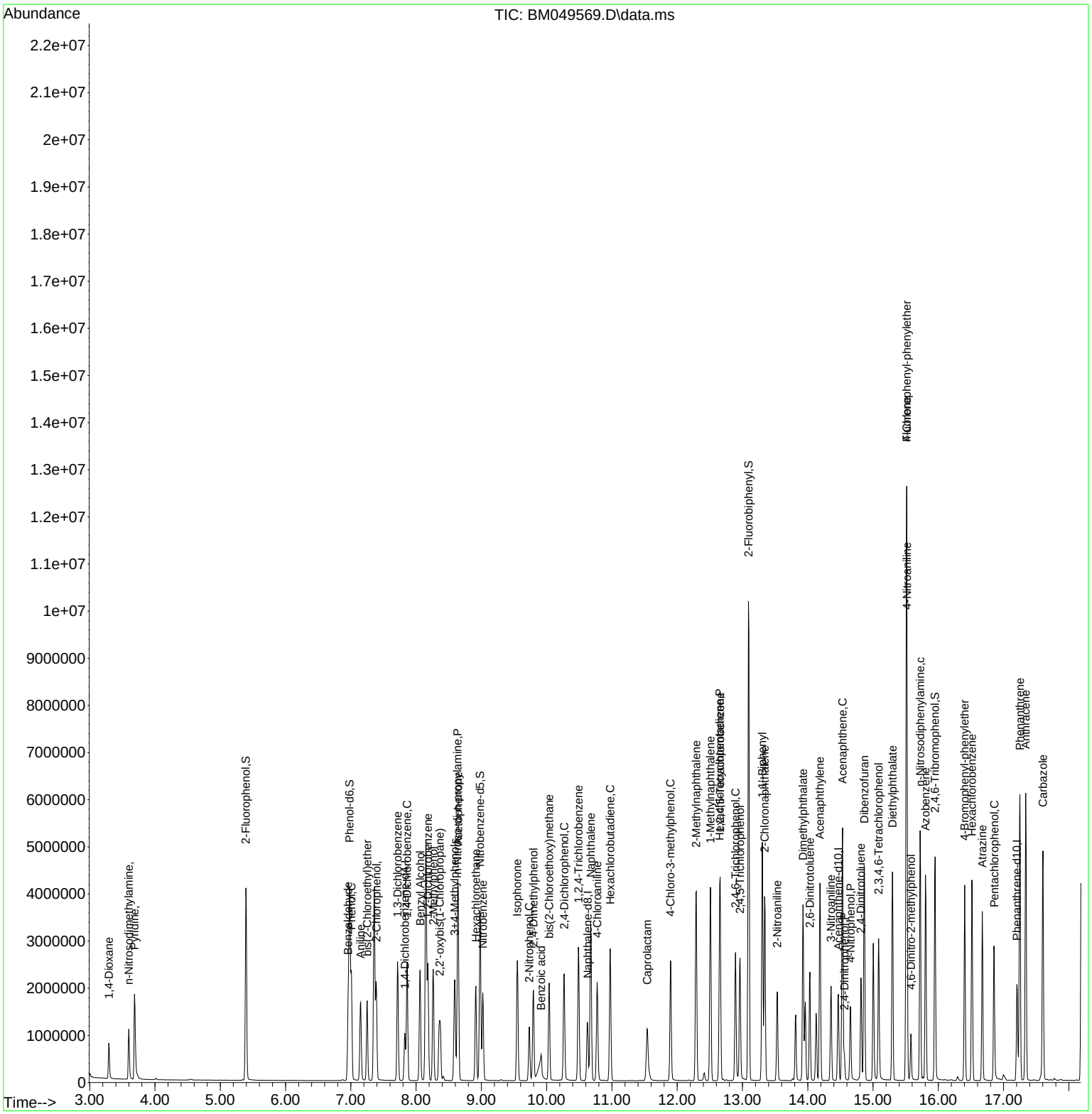
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.963	196	659761	54.089	ng		98
46) 1,1'-Biphenyl	13.304	154	2404063	50.939	ng		100
47) 2-Chloronaphthalene	13.339	162	1851977	50.719	ng		100
48) 2-Nitroaniline	13.533	65	460796	47.875	ng		100
49) Acenaphthylene	14.186	152	2750950	51.092	ng		99
50) Dimethylphthalate	13.927	163	2259688	50.861	ng		100
51) 2,6-Dinitrotoluene	14.033	165	420029	54.635	ng		99
52) Acenaphthene	14.533	154	1839973	51.484	ng		99
53) 3-Nitroaniline	14.357	138	426089	54.437	ng		99
54) 2,4-Dinitrophenol	14.563	184	98189	48.997	ng	#	78
55) Dibenzofuran	14.868	168	2872896	50.484	ng		100
56) 4-Nitrophenol	14.657	139	349130	52.913	ng		97
57) 2,4-Dinitrotoluene	14.815	165	536902	49.530	ng		98
58) Fluorene	15.515	166	2572888	52.851	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.086	232	560508	54.390	ng		99
60) Diethylphthalate	15.298	149	2283181	51.135	ng		99
61) 4-Chlorophenyl-phenyle...	15.515	204	1398144	53.960	ng		99
62) 4-Nitroaniline	15.521	138	492663	48.583	ng		97
63) Azobenzene	15.804	77	2342991	50.273	ng		100
65) 4,6-Dinitro-2-methylph...	15.580	198	168661	49.274	ng		98
66) n-Nitrosodiphenylamine	15.721	169	1884977	51.310	ng		100
67) 4-Bromophenyl-phenylether	16.404	248	704663	52.070	ng		98
68) Hexachlorobenzene	16.515	284	799542	51.475	ng		99
69) Atrazine	16.674	200	567824	51.996	ng		97
70) Pentachlorophenol	16.856	266	457457	47.142	ng		99
71) Phenanthrene	17.251	178	3434693	51.756	ng		100
72) Anthracene	17.339	178	3436598	52.300	ng		100
73) Carbazole	17.603	167	2916221	50.565	ng		100
74) Di-n-butylphthalate	18.192	149	3875230	52.955	ng		100
75) Fluoranthene	19.262	202	4111455	52.918	ng		99
77) Benzidine	19.445	184	443165	45.286	ng		98
78) Pyrene	19.621	202	4260329	51.489	ng		100
80) Butylbenzylphthalate	20.539	149	1419563	55.135	ng		94
81) Benzo(a)anthracene	21.427	228	3880081	51.809	ng		100
82) 3,3'-Dichlorobenzidine	21.350	252	1055048	52.352	ng		99
83) Chrysene	21.491	228	3639032	51.863	ng		100
84) Bis(2-ethylhexyl)phtha...	21.386	149	2337717	52.964	ng		99
85) Di-n-octyl phthalate	22.544	149	3708733	53.261	ng		99
87) Indeno(1,2,3-cd)pyrene	27.909	276	2674799	52.535	ng		100
88) Benzo(b)fluoranthene	23.527	252	3330472	51.928	ng		100
89) Benzo(k)fluoranthene	23.591	252	3304930	53.054	ng		99
90) Benzo(a)pyrene	24.338	252	2649793	52.134	ng		99
91) Dibenzo(a,h)anthracene	27.973	278	2131784	52.977	ng		98
92) Benzo(g,h,i)perylene	28.967	276	2339920	52.055	ng		100

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020525\
Data File : BM049569.D
Acq On : 05 Feb 2025 14:19
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Quant Time: Feb 06 04:40:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 04:35:49 2025
Response via : Initial Calibration

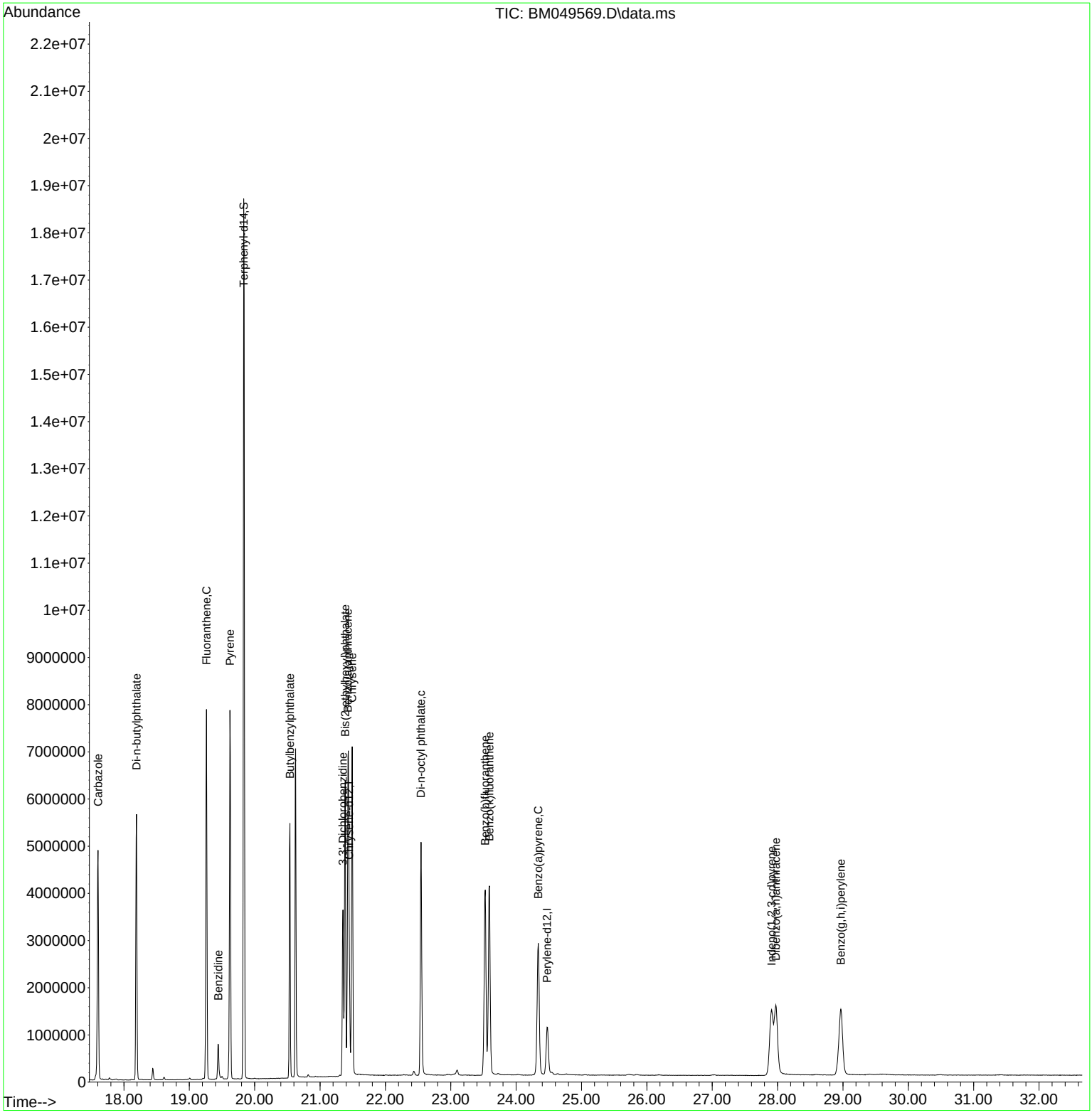


ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020525\
Data File : BM049569.D
Acq On : 05 Feb 2025 14:19
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Quant Time: Feb 06 04:40:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 04:35:49 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020525\
Data File : BM049570.D
Acq On : 05 Feb 2025 14:58
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Quant Time: Feb 06 04:41:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 04:35:49 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.828	152	261635	20.000	ng		0.00
21) Naphthalene-d8	10.628	136	971391	20.000	ng		0.00
39) Acenaphthene-d10	14.469	164	618462	20.000	ng		0.00
64) Phenanthrene-d10	17.210	188	1164611	20.000	ng		0.00
76) Chrysene-d12	21.445	240	1132403	20.000	ng		0.00
86) Perylene-d12	24.480	264	926026	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.393	112	2038411	125.287	ng		0.00
7) Phenol-d6	6.987	99	2719270	127.572	ng		0.00
23) Nitrobenzene-d5	8.981	82	2434266	128.900	ng		0.00
42) 2,4,6-Tribromophenol	15.951	330	1086269	148.230	ng		0.00
45) 2-Fluorobiphenyl	13.098	172	6338303	132.764	ng		0.00
79) Terphenyl-d14	19.833	244	10117181	136.430	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.293	88	417562	61.040	ng		100
3) Pyridine	3.687	79	1198421	63.042	ng		98
4) n-Nitrosodimethylamine	3.599	42	553563	62.239	ng		100
6) Aniline	7.151	93	1257983	62.269	ng		99
8) 2-Chlorophenol	7.393	128	1020217	62.798	ng		99
9) Benzaldehyde	6.963	77	596122	52.818	ng		97
10) Phenol	7.010	94	1322610	62.997	ng		100
11) bis(2-Chloroethyl)ether	7.251	93	1049352	61.780	ng		100
12) 1,3-Dichlorobenzene	7.716	146	1158517	61.436	ng		98
13) 1,4-Dichlorobenzene	7.863	146	1172598	61.477	ng		100
14) 1,2-Dichlorobenzene	8.181	146	1134645	61.608	ng		99
15) Benzyl Alcohol	8.063	79	946556	63.829	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.357	45	1397669	61.127	ng		100
17) 2-Methylphenol	8.263	107	805349	62.734	ng		99
18) Hexachloroethane	8.916	117	432749	62.113	ng		98
19) n-Nitroso-di-n-propyla...	8.639	70	889345	63.714	ng		98
20) 3+4-Methylphenols	8.592	107	1090230	64.333	ng		100
22) Acetophenone	8.645	105	1638735	62.634	ng	#	99
24) Nitrobenzene	9.022	77	1157718	63.098	ng		99
25) Isophorone	9.551	82	2133576	62.645	ng		100
26) 2-Nitrophenol	9.734	139	408973	60.890	ng		99
27) 2,4-Dimethylphenol	9.798	122	657612	61.065	ng		99
28) bis(2-Chloroethoxy)met...	10.039	93	1363833	62.174	ng		98
29) 2,4-Dichlorophenol	10.269	162	972997	65.608	ng		99
30) 1,2,4-Trichlorobenzene	10.486	180	1140312	62.759	ng		100
31) Naphthalene	10.675	128	3222711	62.905	ng		99
32) Benzoic acid	9.934	122	449135	60.088	ng		99
33) 4-Chloroaniline	10.775	127	1201211	62.641	ng		99
34) Hexachlorobutadiene	10.975	225	696721	64.032	ng		99
35) Caprolactam	11.551	113	292307	64.607	ng		99
36) 4-Chloro-3-methylphenol	11.898	107	963434	65.141	ng		99
37) 2-Methylnaphthalene	12.292	142	2300913	63.789	ng		99
38) 1-Methylnaphthalene	12.510	142	2241932	63.881	ng		99
40) 1,2,4,5-Tetrachloroben...	12.657	216	1334952	65.651	ng		99
41) Hexachlorocyclopentadiene	12.651	237	363379	70.002	ng		98
43) 2,4,6-Trichlorophenol	12.892	196	754692	68.015	ng		98

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020525\
Data File : BM049570.D
Acq On : 05 Feb 2025 14:58
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Quant Time: Feb 06 04:41:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 04:35:49 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.963	196	828431	67.938	ng		99
46) 1,1'-Biphenyl	13.304	154	3011389	63.828	ng		99
47) 2-Chloronaphthalene	13.339	162	2329169	63.808	ng		99
48) 2-Nitroaniline	13.533	65	589664	60.127	ng		99
49) Acenaphthylene	14.186	152	3444441	63.992	ng		99
50) Dimethylphthalate	13.927	163	2817395	63.434	ng		99
51) 2,6-Dinitrotoluene	14.033	165	533046	69.358	ng		99
52) Acenaphthene	14.533	154	2335450	65.368	ng		99
53) 3-Nitroaniline	14.357	138	543112	69.409	ng		100
54) 2,4-Dinitrophenol	14.563	184	140292	60.924	ng	#	78
55) Dibenzofuran	14.868	168	3615545	63.554	ng		99
56) 4-Nitrophenol	14.657	139	452050	68.533	ng		96
57) 2,4-Dinitrotoluene	14.821	165	695289	60.725	ng		93
58) Fluorene	15.515	166	3265838	67.106	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.086	232	717449	69.641	ng		98
60) Diethylphthalate	15.298	149	2854554	63.951	ng		100
61) 4-Chlorophenyl-phenyle...	15.515	204	1776049	68.566	ng		98
62) 4-Nitroaniline	15.521	138	613586	59.492	ng		97
63) Azobenzene	15.804	77	2905105	62.354	ng		99
65) 4,6-Dinitro-2-methylph...	15.580	198	235707	61.341	ng		97
66) n-Nitrosodiphenylamine	15.721	169	2408929	65.588	ng		99
67) 4-Bromophenyl-phenylether	16.404	248	897999	66.372	ng		99
68) Hexachlorobenzene	16.515	284	1019310	65.639	ng		99
69) Atrazine	16.674	200	704921	64.565	ng		96
70) Pentachlorophenol	16.857	266	602375	59.645	ng		99
71) Phenanthrene	17.251	178	4423420	66.671	ng		100
72) Anthracene	17.339	178	4372525	66.559	ng		100
73) Carbazole	17.604	167	3665434	63.570	ng		100
74) Di-n-butylphthalate	18.192	149	4884028	66.755	ng		100
75) Fluoranthene	19.262	202	5356301	68.956	ng		99
77) Benzidine	19.445	184	526463	52.499	ng		100
78) Pyrene	19.621	202	5467448	64.482	ng		99
80) Butylbenzylphthalate	20.539	149	1822716	69.083	ng		91
81) Benzo(a)anthracene	21.433	228	5054698	65.863	ng		100
82) 3,3'-Dichlorobenzidine	21.350	252	1313089	63.583	ng		100
83) Chrysene	21.492	228	4675833	65.030	ng		100
84) Bis(2-ethylhexyl)phtha...	21.380	149	2998277	66.289	ng		100
85) Di-n-octyl phthalate	22.544	149	4772040	66.876	ng		99
87) Indeno(1,2,3-cd)pyrene	27.909	276	3473188	68.678	ng		99
88) Benzo(b)fluoranthene	23.527	252	4312843	67.700	ng		100
89) Benzo(k)fluoranthene	23.591	252	4204462	67.952	ng		99
90) Benzo(a)pyrene	24.338	252	3412806	67.601	ng		99
91) Dibenzo(a,h)anthracene	27.974	278	2781271	69.585	ng		98
92) Benzo(g,h,i)perylene	28.973	276	3012226	67.465	ng		99

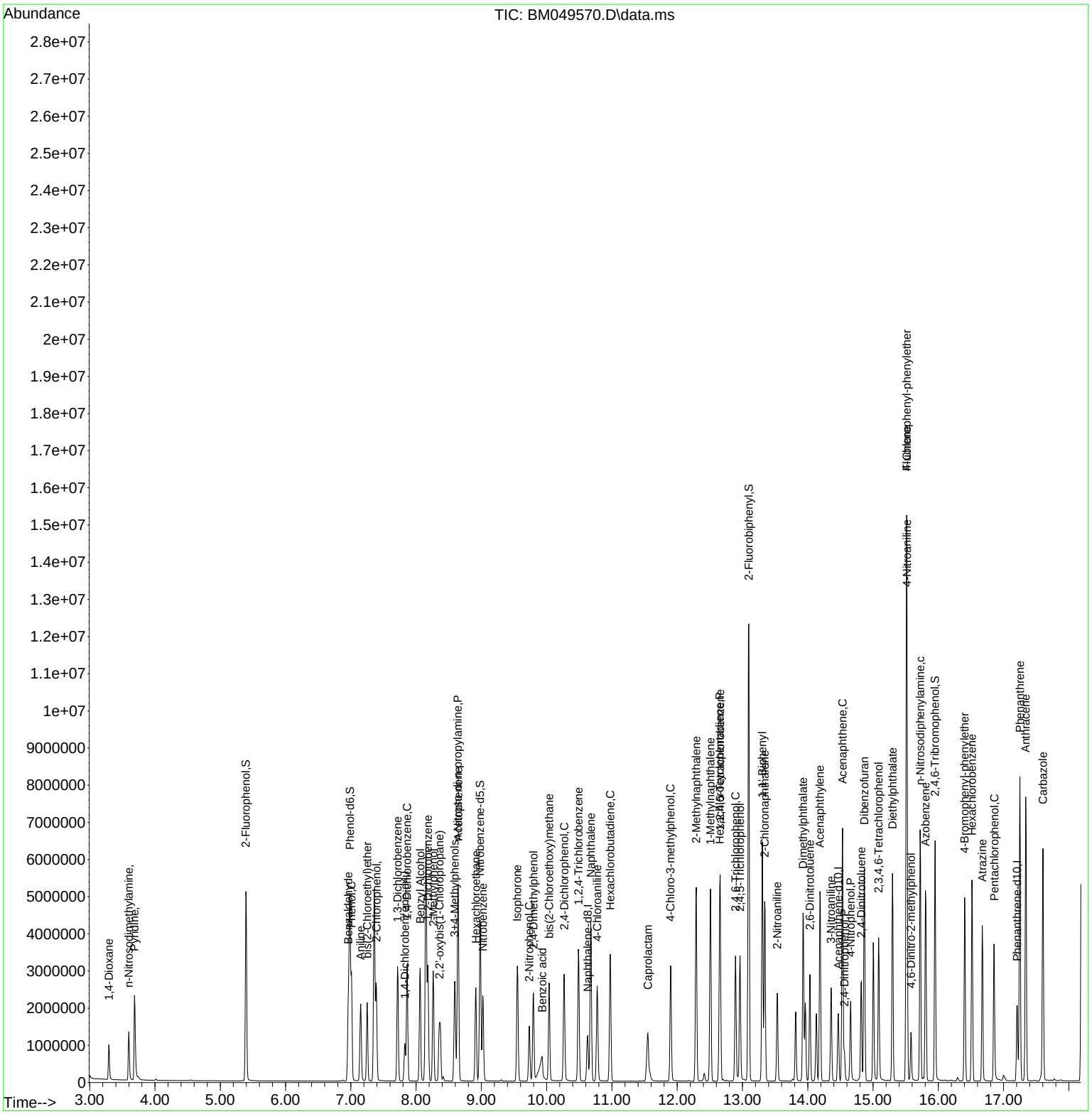
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020525\
Data File : BM049570.D
Acq On : 05 Feb 2025 14:58
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

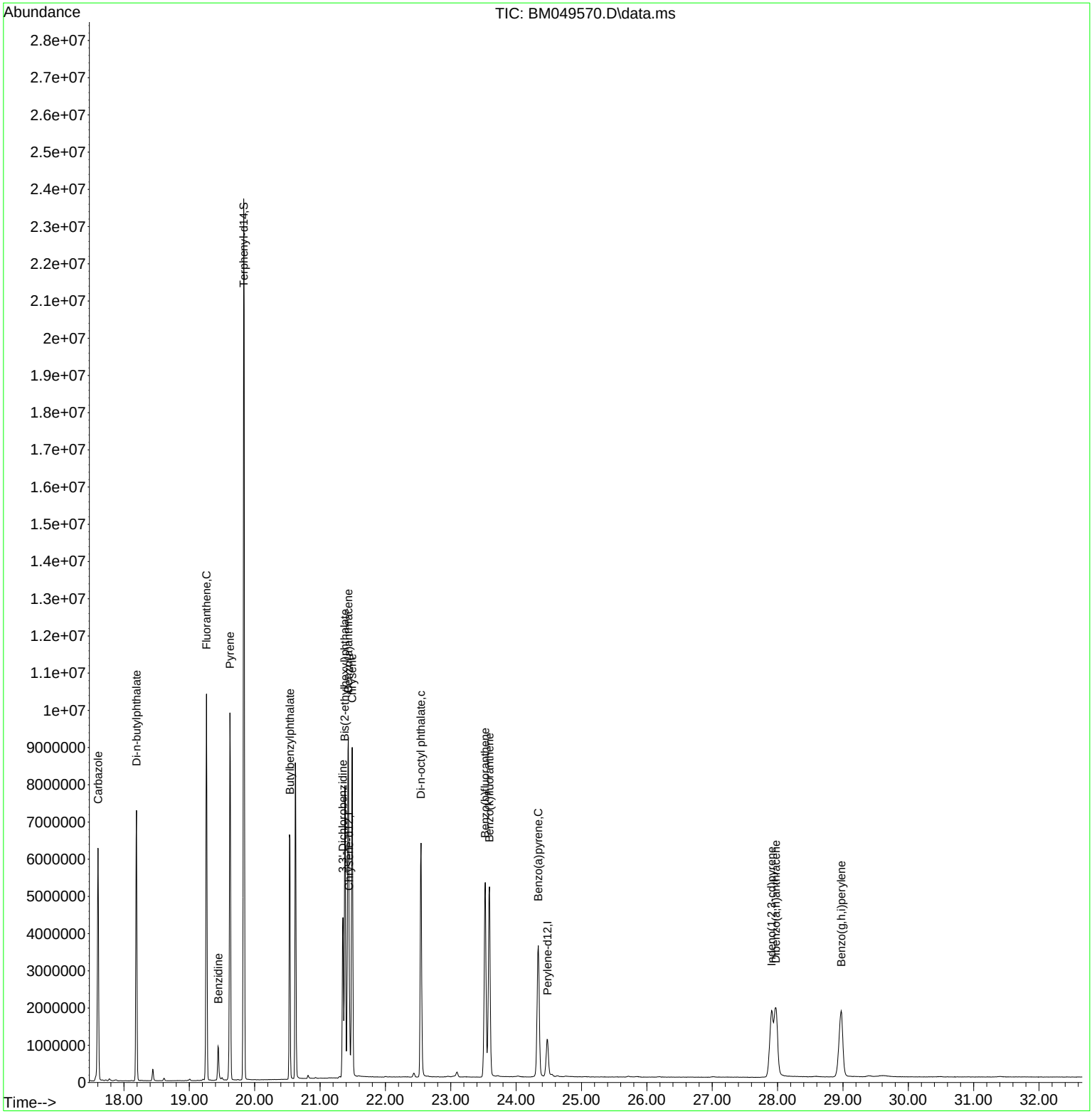
Quant Time: Feb 06 04:41:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 04:35:49 2025
Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020525\
Data File : BM049570.D
Acq On : 05 Feb 2025 14:58
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Quant Time: Feb 06 04:41:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 04:35:49 2025
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020525\
Data File : BM049571.D
Acq On : 05 Feb 2025 15:38
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Quant Time: Feb 06 04:42:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 04:35:49 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.828	152	257604	20.000	ng		0.00
21) Naphthalene-d8	10.628	136	945832	20.000	ng		0.00
39) Acenaphthene-d10	14.469	164	608084	20.000	ng		0.00
64) Phenanthrene-d10	17.210	188	1171197	20.000	ng		0.00
76) Chrysene-d12	21.445	240	1186820	20.000	ng		0.00
86) Perylene-d12	24.480	264	941272	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.399	112	2712955	169.356	ng		0.00
7) Phenol-d6	6.987	99	3642929	173.578	ng		0.00
23) Nitrobenzene-d5	8.987	82	3235513	175.957	ng		0.00
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng		
45) 2-Fluorobiphenyl	13.098	172	8568319	182.538	ng		0.00
79) Terphenyl-d14	19.833	244	12075411	155.370	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.293	88	543435	80.683	ng		99
3) Pyridine	3.687	79	1460974	78.056	ng		100
4) n-Nitrosodimethylamine	3.599	42	724118	82.690	ng		100
6) Aniline	7.151	93	1665695	83.740	ng		98
8) 2-Chlorophenol	7.393	128	1352152	84.533	ng		98
9) Benzaldehyde	6.963	77	672805	60.545	ng		99
10) Phenol	7.016	94	1767200	85.490	ng		99
11) bis(2-Chloroethyl)ether	7.251	93	1381943	82.635	ng		100
12) 1,3-Dichlorobenzene	7.716	146	1520917	81.916	ng		98
13) 1,4-Dichlorobenzene	7.863	146	1548394	82.449	ng		100
14) 1,2-Dichlorobenzene	8.181	146	1492951	82.331	ng		99
15) Benzyl Alcohol	8.063	79	1264088	86.575	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.363	45	1813838	80.569	ng		99
17) 2-Methylphenol	8.263	107	1068343	84.523	ng		98
18) Hexachloroethane	8.916	117	567891	82.786	ng		98
19) n-Nitroso-di-n-propyla...	8.640	70	1175380	85.524	ng		97
20) 3+4-Methylphenols	8.598	107	1450516	86.933	ng		97
22) Acetophenone	8.645	105	2188192	85.895	ng	#	99
24) Nitrobenzene	9.028	77	1529856	85.633	ng		97
25) Isophorone	9.557	82	2830553	85.355	ng		99
26) 2-Nitrophenol	9.734	139	567036	79.750	ng		99
27) 2,4-Dimethylphenol	9.798	122	884318	84.336	ng		98
28) bis(2-Chloroethoxy)met...	10.039	93	1815308	84.992	ng		98
29) 2,4-Dichlorophenol	10.269	162	1318702	91.321	ng		99
30) 1,2,4-Trichlorobenzene	10.487	180	1530870	86.531	ng		99
31) Naphthalene	10.675	128	4316119	86.524	ng		100
32) Benzoic acid	9.951	122	663599	80.081	ng		98
33) 4-Chloroaniline	10.775	127	1607588	86.098	ng		99
34) Hexachlorobutadiene	10.975	225	933686	88.129	ng		99
35) Caprolactam	11.563	113	397436	90.216	ng		97
36) 4-Chloro-3-methylphenol	11.904	107	1309139	90.907	ng		98
37) 2-Methylnaphthalene	12.292	142	3115266	88.699	ng		100
38) 1-Methylnaphthalene	12.510	142	3028775	88.634	ng		100
40) 1,2,4,5-Tetrachloroben...	12.657	216	1828233	91.444	ng		99
41) Hexachlorocyclopentadiene	12.651	237	508985	99.725	ng		98
43) 2,4,6-Trichlorophenol	12.892	196	1045121	95.796	ng		99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020525\
Data File : BM049571.D
Acq On : 05 Feb 2025 15:38
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Quant Time: Feb 06 04:42:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 04:35:49 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.963	196	1151455	96.040	ng		97
46) 1,1'-Biphenyl	13.304	154	4086791	88.100	ng		99
47) 2-Chloronaphthalene	13.339	162	3137702	87.424	ng		99
48) 2-Nitroaniline	13.533	65	806167	81.995	ng		100
49) Acenaphthylene	14.186	152	4689081	88.602	ng		99
50) Dimethylphthalate	13.933	163	3837859	87.885	ng		100
51) 2,6-Dinitrotoluene	14.033	165	745057	98.599	ng		98
52) Acenaphthene	14.533	154	3199464	91.080	ng		100
53) 3-Nitroaniline	14.363	138	742364	96.492	ng		98
54) 2,4-Dinitrophenol	14.563	184	217814	79.846	ng	#	81
55) Dibenzofuran	14.869	168	5002170	89.429	ng		98
56) 4-Nitrophenol	14.663	139	630774	97.261	ng		94
57) 2,4-Dinitrotoluene	14.822	165	976052	79.808	ng		91
58) Fluorene	15.516	166	4475141	93.525	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.086	232	1013413	100.048	ng		97
60) Diethylphthalate	15.304	149	3881235	88.436	ng		98
61) 4-Chlorophenyl-phenyle...	15.516	204	2453794	96.348	ng		96
62) 4-Nitroaniline	15.521	138	848945	82.002	ng		93
63) Azobenzene	15.804	77	3849184	84.028	ng		98
65) 4,6-Dinitro-2-methylph...	15.586	198	357542	79.677	ng		96
66) n-Nitrosodiphenylamine	15.727	169	3309294	89.595	ng		99
67) 4-Bromophenyl-phenylether	16.404	248	1276861	93.843	ng		98
68) Hexachlorobenzene	16.516	284	1465689	93.854	ng		97
69) Atrazine	16.674	200	948527	86.389	ng		99
70) Pentachlorophenol	16.857	266	876401	82.844	ng		99
71) Phenanthrene	17.251	178	6128608	91.852	ng		99
72) Anthracene	17.339	178	6103970	92.392	ng		99
73) Carbazole	17.604	167	5070773	87.449	ng		100
74) Di-n-butylphthalate	18.192	149	6750409	91.746	ng		99
75) Fluoranthene	19.262	202	7685563	98.386	ng		99
77) Benzidine	19.439	184	905218	86.130	ng		99
78) Pyrene	19.627	202	7880630	88.681	ng		99
80) Butylbenzylphthalate	20.539	149	2689295	97.254	ng	#	90
81) Benzo(a)anthracene	21.433	228	7258133	90.237	ng		99
82) 3,3'-Dichlorobenzidine	21.351	252	1933304	89.323	ng		100
83) Chrysene	21.492	228	6800529	90.244	ng		99
84) Bis(2-ethylhexyl)phtha...	21.380	149	4332190	91.389	ng		98
85) Di-n-octyl phthalate	22.545	149	6924127	92.587	ng		97
87) Indeno(1,2,3-cd)pyrene	27.915	276	5019064	97.638	ng		98
88) Benzo(b)fluoranthene	23.527	252	6337029	97.864	ng		99
89) Benzo(k)fluoranthene	23.597	252	6144354	97.695	ng		99
90) Benzo(a)pyrene	24.344	252	4976969	96.987	ng		99
91) Dibenzo(a,h)anthracene	27.979	278	4097321	100.851	ng		98
92) Benzo(g,h,i)perylene	28.985	276	4294912	94.635	ng		98

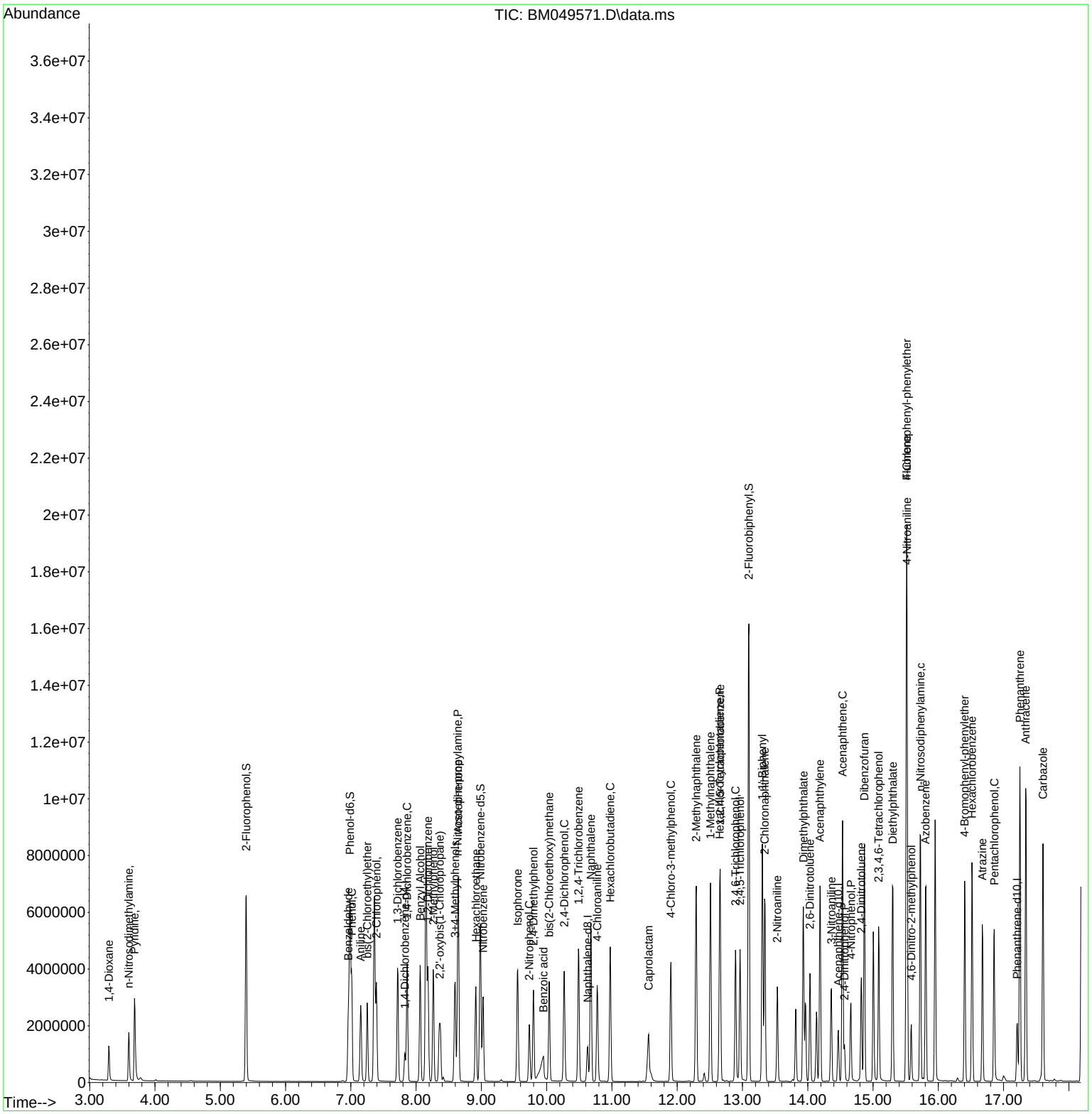
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020525\
Data File : BM049571.D
Acq On : 05 Feb 2025 15:38
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

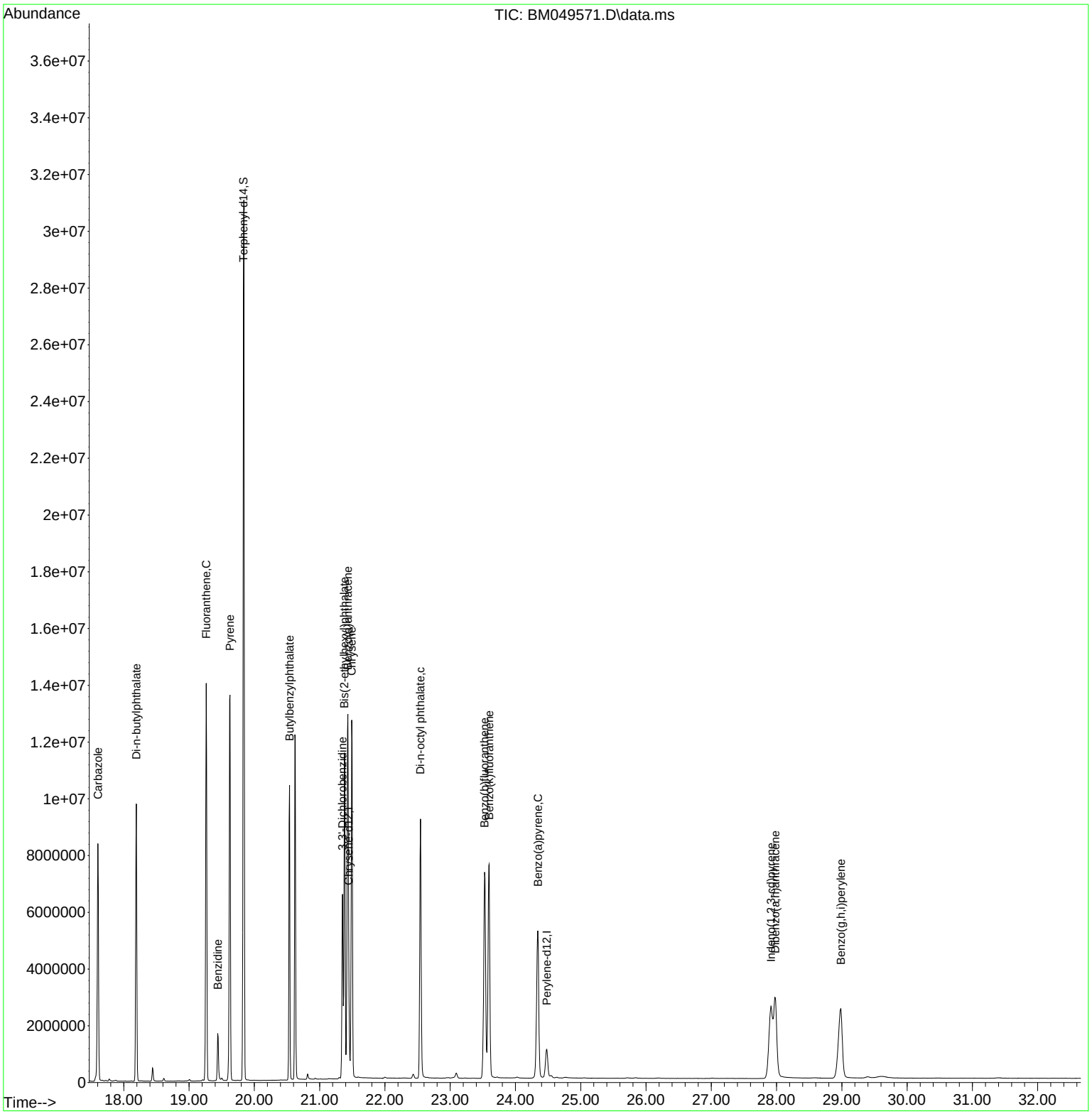
Quant Time: Feb 06 04:42:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 04:35:49 2025
Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020525\
Data File : BM049571.D
Acq On : 05 Feb 2025 15:38
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Quant Time: Feb 06 04:42:34 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 04:35:49 2025
Response via : Initial Calibration



ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020525\
Data File : BM049572.D
Acq On : 05 Feb 2025 16:18
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM020525

Quant Time: Feb 06 05:07:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 04:55:28 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	256491	20.000	ng	0.00
21) Naphthalene-d8	10.628	136	967841	20.000	ng	0.00
39) Acenaphthene-d10	14.463	164	609708	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	1152068	20.000	ng	0.00
76) Chrysene-d12	21.444	240	1095085	20.000	ng	0.00
86) Perylene-d12	24.474	264	905740	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	1307838	81.996	ng	0.00
7) Phenol-d6	6.981	99	1721202	82.368	ng	0.00
23) Nitrobenzene-d5	8.981	82	1566709	83.265	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	623140	86.253	ng	0.00
45) 2-Fluorobiphenyl	13.092	172	3874204	82.316	ng	0.00
79) Terphenyl-d14	19.833	244	6320264	88.133	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	269482	40.183	ng	99
3) Pyridine	3.687	79	768347	41.229	ng	99
4) n-Nitrosodimethylamine	3.599	42	359912	41.278	ng	97
6) Aniline	7.145	93	804546	40.623	ng	99
8) 2-Chlorophenol	7.387	128	651668	40.917	ng	98
9) Benzaldehyde	6.957	77	468834	42.373	ng	98
10) Phenol	7.010	94	840919	40.857	ng	100
11) bis(2-Chloroethyl)ether	7.245	93	675064	40.541	ng	96
12) 1,3-Dichlorobenzene	7.716	146	746836	40.399	ng	98
13) 1,4-Dichlorobenzene	7.863	146	758259	40.551	ng	100
14) 1,2-Dichlorobenzene	8.181	146	728862	40.369	ng	99
15) Benzyl Alcohol	8.057	79	603043	41.481	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.363	45	919920	41.039	ng	99
17) 2-Methylphenol	8.263	107	510810	40.589	ng	99
18) Hexachloroethane	8.916	117	277769	40.668	ng	98
19) n-Nitroso-di-n-propyla...	8.634	70	574871	42.011	ng	98
20) 3+4-Methylphenols	8.586	107	699323	42.094	ng	99
22) Acetophenone	8.645	105	1047072	40.167	ng	99
24) Nitrobenzene	9.022	77	751691	41.119	ng	99
25) Isophorone	9.551	82	1378012	40.609	ng	100
26) 2-Nitrophenol	9.733	139	250786	41.436	ng	99
27) 2,4-Dimethylphenol	9.792	122	418918	39.043	ng	97
28) bis(2-Chloroethoxy)met...	10.033	93	886261	40.551	ng	99
29) 2,4-Dichlorophenol	10.263	162	614668	41.598	ng	99
30) 1,2,4-Trichlorobenzene	10.486	180	725586	40.080	ng	100
31) Naphthalene	10.675	128	2035106	39.869	ng	98
32) Benzoic acid	9.904	122	258077	41.571	ng	96
33) 4-Chloroaniline	10.775	127	762320	39.900	ng	100
34) Hexachlorobutadiene	10.975	225	433381	39.976	ng	99
35) Caprolactam	11.533	113	188422	41.798	ng	98
36) 4-Chloro-3-methylphenol	11.898	107	608065	41.264	ng	98
37) 2-Methylnaphthalene	12.286	142	1434721	39.921	ng	99
38) 1-Methylnaphthalene	12.510	142	1379123	39.441	ng	100
40) 1,2,4,5-Tetrachloroben...	12.657	216	815132	40.662	ng	100
41) Hexachlorocyclopentadiene	12.645	237	206335	40.319	ng	97
43) 2,4,6-Trichlorophenol	12.892	196	469496	42.920	ng	99

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020525\
Data File : BM049572.D
Acq On : 05 Feb 2025 16:18
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM020525

Quant Time: Feb 06 05:07:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 04:55:28 2025
Response via : Initial Calibration

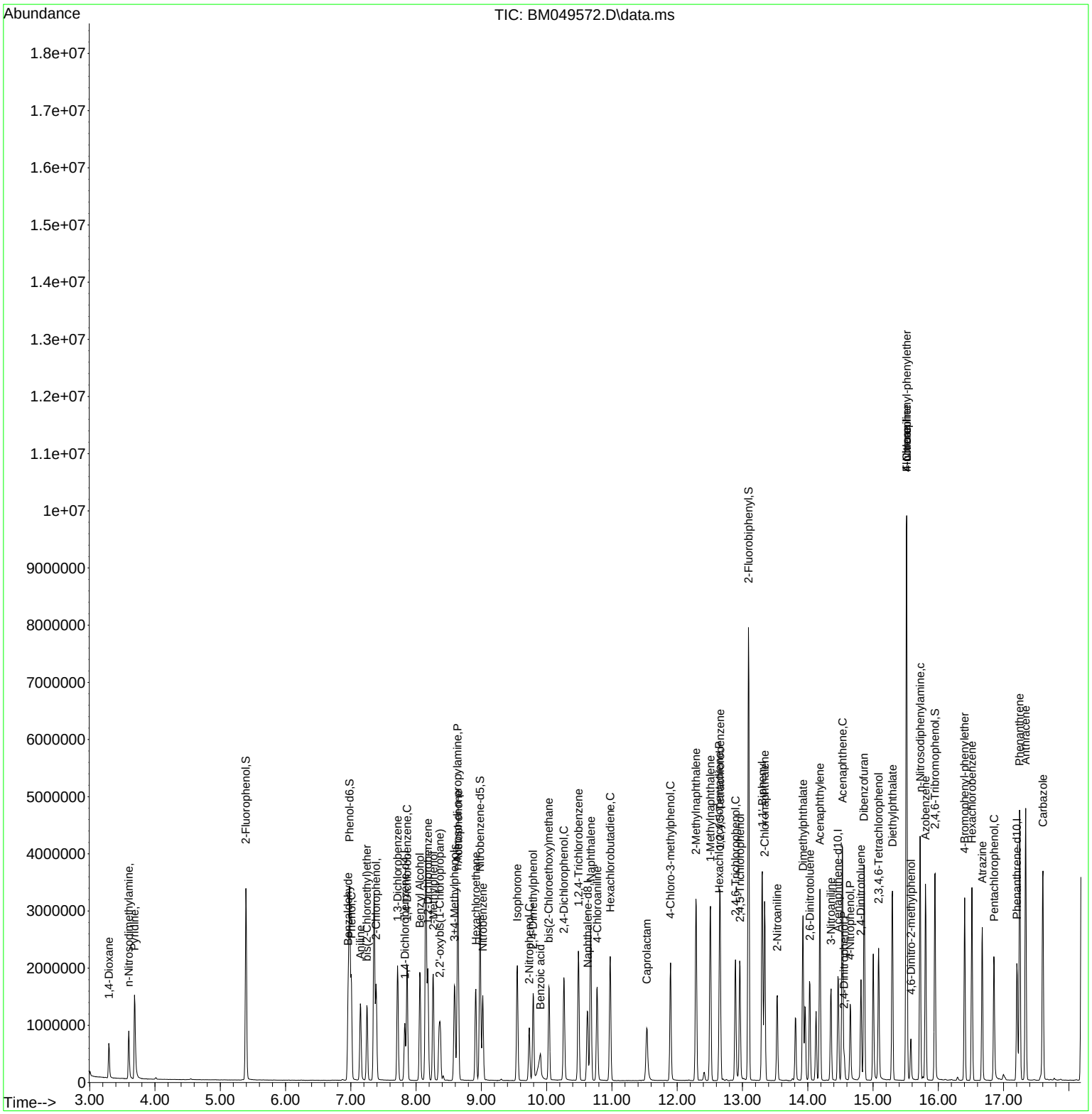
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.963	196	522588	43.472	ng	98
46) 1,1'-Biphenyl	13.304	154	1869073	40.185	ng	100
47) 2-Chloronaphthalene	13.339	162	1459356	40.553	ng	100
48) 2-Nitroaniline	13.533	65	371160	39.882	ng	100
49) Acenaphthylene	14.186	152	2134252	40.220	ng	100
50) Dimethylphthalate	13.927	163	1762822	40.260	ng	100
51) 2,6-Dinitrotoluene	14.033	165	330713	43.649	ng	96
52) Acenaphthene	14.533	154	1425538	40.473	ng	99
53) 3-Nitroaniline	14.357	138	338498	43.881	ng	100
54) 2,4-Dinitrophenol	14.557	184	75444	41.938	ng	95
55) Dibenzofuran	14.863	168	2245643	40.041	ng	100
56) 4-Nitrophenol	14.651	139	278869	42.885	ng	100
57) 2,4-Dinitrotoluene	14.815	165	424055	41.490	ng	98
58) Fluorene	15.515	166	1995832	41.599	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.086	232	430299	42.368	ng	100
60) Diethylphthalate	15.298	149	1785844	40.583	ng	100
61) 4-Chlorophenyl-phenyle...	15.515	204	1076429	42.153	ng	100
62) 4-Nitroaniline	15.515	138	390161	39.867	ng	99
63) Azobenzene	15.804	77	1832289	39.892	ng	99
65) 4,6-Dinitro-2-methylph...	15.580	198	129426	41.602	ng	99
66) n-Nitrosodiphenylamine	15.721	169	1478243	40.686	ng	99
67) 4-Bromophenyl-phenylether	16.404	248	541311	40.444	ng	98
68) Hexachlorobenzene	16.515	284	617797	40.217	ng	98
69) Atrazine	16.674	200	434970	40.274	ng	99
70) Pentachlorophenol	16.857	266	352186	38.406	ng	99
71) Phenanthrene	17.245	178	2651505	40.399	ng	99
72) Anthracene	17.339	178	2653789	40.836	ng	100
73) Carbazole	17.604	167	2301886	40.357	ng	99
74) Di-n-butylphthalate	18.192	149	2987491	41.278	ng	100
75) Fluoranthene	19.262	202	3132089	40.761	ng	100
77) Benzidine	19.439	184	391858	40.408	ng	100
78) Pyrene	19.621	202	3214407	39.202	ng	99
80) Butylbenzylphthalate	20.533	149	1065301	41.752	ng	99
81) Benzo(a)anthracene	21.427	228	2997142	40.384	ng	100
82) 3,3'-Dichlorobenzidine	21.350	252	830444	41.582	ng	99
83) Chrysene	21.492	228	2829227	40.689	ng	100
84) Bis(2-ethylhexyl)phtha...	21.380	149	1790345	40.932	ng	100
85) Di-n-octyl phthalate	22.544	149	2803532	40.628	ng	99
87) Indeno(1,2,3-cd)pyrene	27.903	276	2144458	43.353	ng	99
88) Benzo(b)fluoranthene	23.521	252	2603917	41.790	ng	99
89) Benzo(k)fluoranthene	23.586	252	2499507	41.301	ng	100
90) Benzo(a)pyrene	24.333	252	2074277	42.008	ng	99
91) Dibenzo(a,h)anthracene	27.968	278	1723104	44.076	ng	98
92) Benzo(g,h,i)perylene	28.968	276	1877969	43.003	ng	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020525\
Data File : BM049572.D
Acq On : 05 Feb 2025 16:18
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM020525

Quant Time: Feb 06 05:07:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 04:55:28 2025
Response via : Initial Calibration

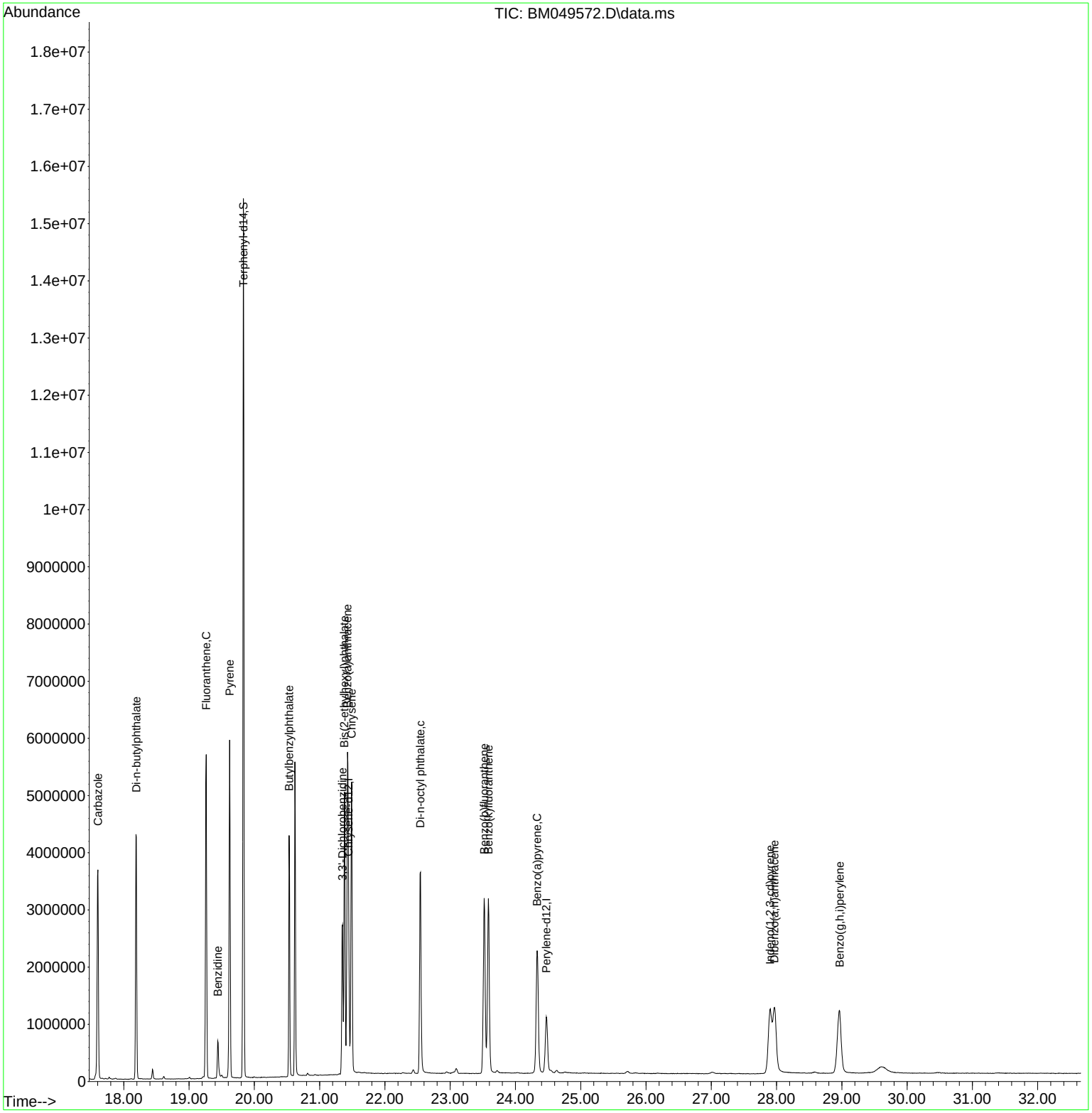


ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020525\
Data File : BM049572.D
Acq On : 05 Feb 2025 16:18
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM020525

Quant Time: Feb 06 05:07:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 04:55:28 2025
Response via : Initial Calibration



Evaluate Continuing Calibration Report

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020525\
Data File : BM049572.D
Acq On : 05 Feb 2025 16:18
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM020525

Quant Time: Feb 06 05:07:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 04:55:28 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	98	0.00
2		1,4-Dioxane	0.523	0.525	-0.4	99	0.00
3		Pyridine	1.453	1.498	-3.1	98	0.00
4		n-Nitrosodimethylamine	0.680	0.702	-3.2	99	0.00
5	S	2-Fluorophenol	1.244	1.275	-2.5	99	0.00
6		Aniline	1.544	1.568	-1.6	98	0.00
7	S	Phenol-d6	1.629	1.678	-3.0	99	0.00
8		2-Chlorophenol	1.242	1.270	-2.3	99	0.00
9		Benzaldehyde	0.863	0.914	-5.9	104	0.00
10	C	Phenol	1.605	1.639	-2.1	99	0.00
11		bis(2-Chloroethyl)ether	1.298	1.316	-1.4	98	0.00
12		1,3-Dichlorobenzene	1.441	1.456	-1.0	98	0.00
13	C	1,4-Dichlorobenzene	1.458	1.478	-1.4	99	0.00
14		1,2-Dichlorobenzene	1.408	1.421	-0.9	97	0.00
15		Benzyl Alcohol	1.134	1.176	-3.7	99	0.00
16		2,2'-oxybis(1-Chloropropane	1.748	1.793	-2.6	99	0.00
17		2-Methylphenol	0.981	0.996	-1.5	98	0.00
18		Hexachloroethane	0.533	0.541	-1.5	98	0.00
19	P	n-Nitroso-di-n-propylamine	1.067	1.121	-5.1	99	0.00
20		3+4-Methylphenols	1.295	1.363	-5.3	102	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	98	0.00
22		Acetophenone	0.539	0.541	-0.4	98	0.00
23	S	Nitrobenzene-d5	0.389	0.405	-4.1	100	0.00
24		Nitrobenzene	0.378	0.388	-2.6	99	0.00
25		Isophorone	0.701	0.712	-1.6	98	0.00
26	C	2-Nitrophenol	0.116	0.130	-12.1	103	0.00
27		2,4-Dimethylphenol	0.222	0.216	2.7	98	0.00
28		bis(2-Chloroethoxy)methane	0.452	0.458	-1.3	99	0.00
29	C	2,4-Dichlorophenol	0.305	0.318	-4.3	99	0.00
30		1,2,4-Trichlorobenzene	0.374	0.375	-0.3	99	0.00
31		Naphthalene	1.055	1.051	0.4	98	0.00
32		Benzoic acid	0.124	0.133	-7.3	105	0.00
33		4-Chloroaniline	0.395	0.394	0.3	98	0.00
34	C	Hexachlorobutadiene	0.224	0.224	0.0	99	0.00
35		Caprolactam	0.093	0.097	-4.3	99	0.00
36	C	4-Chloro-3-methylphenol	0.305	0.314	-3.0	99	0.00
37		2-Methylnaphthalene	0.743	0.741	0.3	98	0.00
38		1-Methylnaphthalene	0.723	0.712	1.5	97	0.00
39	I	Acenaphthene-d10	1.000	1.000	0.0	98	0.00
40		1,2,4,5-Tetrachlorobenzene	0.658	0.668	-1.5	98	0.00
41	P	Hexachlorocyclopentadiene	0.168	0.169	-0.6	94	0.00
42	S	2,4,6-Tribromophenol	0.237	0.256	-8.0	101	0.00
43	C	2,4,6-Trichlorophenol	0.359	0.385	-7.2	101	0.00
44		2,4,5-Trichlorophenol	0.394	0.429	-8.9	102	0.00
45	S	2-Fluorobiphenyl	1.544	1.589	-2.9	98	0.00
46		1,1'-Biphenyl	1.526	1.533	-0.5	97	0.00
47		2-Chloronaphthalene	1.180	1.197	-1.4	98	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020525\
Data File : BM049572.D
Acq On : 05 Feb 2025 16:18
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM020525

Quant Time: Feb 06 05:07:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 04:55:28 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	0.271	0.304	-12.2	102	0.00
49		Acenaphthylene	1.741	1.750	-0.5	98	0.00
50		Dimethylphthalate	1.436	1.446	-0.7	98	0.00
51		2,6-Dinitrotoluene	0.249	0.271	-8.8	101	0.00
52	C	Acenaphthene	1.155	1.169	-1.2	97	0.00
53		3-Nitroaniline	0.253	0.278	-9.9	100	0.00
54	P	2,4-Dinitrophenol	0.060	0.062	-3.3	105	0.00
55		Dibenzofuran	1.840	1.842	-0.1	97	0.00
56	P	4-Nitrophenol	0.213	0.229	-7.5	103	0.00
57		2,4-Dinitrotoluene	0.304	0.348	-14.5	103	0.00
58		Fluorene	1.574	1.637	-4.0	98	0.00
59		2,3,4,6-Tetrachlorophenol	0.333	0.353	-6.0	99	0.00
60		Diethylphthalate	1.443	1.465	-1.5	97	0.00
61		4-Chlorophenyl-phenylether	0.838	0.883	-5.4	98	0.00
62		4-Nitroaniline	0.283	0.320	-13.1	101	0.00
63		Azobenzene	1.507	1.503	0.3	97	0.00
64	I	Phenanthrene-d10	1.000	1.000	0.0	98	0.00
65		4,6-Dinitro-2-methylphenol	0.053	0.056	-5.7	106	0.00
66	c	n-Nitrosodiphenylamine	0.631	0.642	-1.7	98	0.00
67		4-Bromophenyl-phenylether	0.232	0.235	-1.3	98	0.00
68		Hexachlorobenzene	0.267	0.268	-0.4	97	0.00
69		Atrazine	0.187	0.189	-1.1	98	0.00
70	C	Pentachlorophenol	0.147	0.153	-4.1	100	0.00
71		Phenanthrene	1.139	1.151	-1.1	98	0.00
72		Anthracene	1.128	1.152	-2.1	99	0.00
73		Carbazole	0.990	0.999	-0.9	98	0.00
74		Di-n-butylphthalate	1.256	1.297	-3.3	97	0.00
75	C	Fluoranthene	1.334	1.359	-1.9	99	0.00
76	I	Chrysene-d12	1.000	1.000	0.0	101	0.00
77		Benzidine	0.177	0.179	-1.1	93	0.00
78		Pyrene	1.498	1.468	2.0	99	0.00
79	S	Terphenyl-d14	1.310	1.443	-10.2	100	0.00
80		Butylbenzylphthalate	0.466	0.486	-4.3	98	0.00
81		Benzo(a)anthracene	1.355	1.368	-1.0	101	0.00
82		3,3'-Dichlorobenzidine	0.365	0.379	-3.8	100	0.00
83		Chrysene	1.270	1.292	-1.7	101	0.00
84		Bis(2-ethylhexyl)phthalate	0.799	0.817	-2.3	99	0.00
85	c	Di-n-octyl phthalate	1.260	1.280	-1.6	98	0.00
86	I	Perylene-d12	1.000	1.000	0.0	98	0.00
87		Indeno(1,2,3-cd)pyrene	1.092	1.184	-8.4	104	0.00
88		Benzo(b)fluoranthene	1.376	1.437	-4.4	101	0.00
89		Benzo(k)fluoranthene	1.336	1.380	-3.3	102	0.00
90	C	Benzo(a)pyrene	1.090	1.145	-5.0	102	0.00
91		Dibenzo(a,h)anthracene	0.863	0.951	-10.2	106	0.00
92		Benzo(g,h,i)perylene	0.964	1.037	-7.6	103	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020525\
Data File : BM049572.D
Acq On : 05 Feb 2025 16:18
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM020525

Quant Time: Feb 06 05:07:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 04:55:28 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_M\Data\BM020525\
Data File : BM049572.D
Acq On : 05 Feb 2025 16:18
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM020525

Quant Time: Feb 06 05:07:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 04:55:28 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	98	0.00
2		1,4-Dioxane	40.000	40.183	-0.5	99	0.00
3		Pyridine	40.000	41.229	-3.1	98	0.00
4		n-Nitrosodimethylamine	40.000	41.278	-3.2	99	0.00
5	S	2-Fluorophenol	80.000	81.996	-2.5	99	0.00
6		Aniline	40.000	40.623	-1.6	98	0.00
7	S	Phenol-d6	80.000	82.368	-3.0	99	0.00
8		2-Chlorophenol	40.000	40.917	-2.3	99	0.00
9		Benzaldehyde	40.000	42.373	-5.9	104	0.00
10	C	Phenol	40.000	40.857	-2.1	99	0.00
11		bis(2-Chloroethyl)ether	40.000	40.541	-1.4	98	0.00
12		1,3-Dichlorobenzene	40.000	40.399	-1.0	98	0.00
13	C	1,4-Dichlorobenzene	40.000	40.551	-1.4	99	0.00
14		1,2-Dichlorobenzene	40.000	40.369	-0.9	97	0.00
15		Benzyl Alcohol	40.000	41.481	-3.7	99	0.00
16		2,2'-oxybis(1-Chloropropane	40.000	41.039	-2.6	99	0.00
17		2-Methylphenol	40.000	40.589	-1.5	98	0.00
18		Hexachloroethane	40.000	40.668	-1.7	98	0.00
19	P	n-Nitroso-di-n-propylamine	40.000	42.011	-5.0	99	0.00
20		3+4-Methylphenols	40.000	42.094	-5.2	102	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	98	0.00
22		Acetophenone	40.000	40.167	-0.4	98	0.00
23	S	Nitrobenzene-d5	80.000	83.265	-4.1	100	0.00
24		Nitrobenzene	40.000	41.119	-2.8	99	0.00
25		Isophorone	40.000	40.609	-1.5	98	0.00
26	C	2-Nitrophenol	40.000	41.436	-3.6	103	0.00
27		2,4-Dimethylphenol	40.000	39.043	2.4	98	0.00
28		bis(2-Chloroethoxy)methane	40.000	40.551	-1.4	99	0.00
29	C	2,4-Dichlorophenol	40.000	41.598	-4.0	99	0.00
30		1,2,4-Trichlorobenzene	40.000	40.080	-0.2	99	0.00
31		Naphthalene	40.000	39.869	0.3	98	0.00
32		Benzoic acid	40.000	41.571	-3.9	105	0.00
33		4-Chloroaniline	40.000	39.900	0.3	98	0.00
34	C	Hexachlorobutadiene	40.000	39.976	0.1	99	0.00
35		Caprolactam	40.000	41.798	-4.5	99	0.00
36	C	4-Chloro-3-methylphenol	40.000	41.264	-3.2	99	0.00
37		2-Methylnaphthalene	40.000	39.921	0.2	98	0.00
38		1-Methylnaphthalene	40.000	39.441	1.4	97	0.00
39	I	Acenaphthene-d10	20.000	20.000	0.0	98	0.00
40		1,2,4,5-Tetrachlorobenzene	40.000	40.662	-1.7	98	0.00
41	P	Hexachlorocyclopentadiene	40.000	40.319	-0.8	94	0.00
42	S	2,4,6-Tribromophenol	80.000	86.253	-7.8	101	0.00
43	C	2,4,6-Trichlorophenol	40.000	42.920	-7.3	101	0.00
44		2,4,5-Trichlorophenol	40.000	43.472	-8.7	102	0.00
45	S	2-Fluorobiphenyl	80.000	82.316	-2.9	98	0.00
46		1,1'-Biphenyl	40.000	40.185	-0.5	97	0.00
47		2-Chloronaphthalene	40.000	40.553	-1.4	98	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020525\
Data File : BM049572.D
Acq On : 05 Feb 2025 16:18
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM020525

Quant Time: Feb 06 05:07:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 04:55:28 2025
Response via : Initial Calibration

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

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48		2-Nitroaniline	40.000	39.882	0.3	102	0.00
49		Acenaphthylene	40.000	40.220	-0.5	98	0.00
50		Dimethylphthalate	40.000	40.260	-0.6	98	0.00
51		2,6-Dinitrotoluene	40.000	43.649	-9.1	101	0.00
52	C	Acenaphthene	40.000	40.473	-1.2	97	0.00
53		3-Nitroaniline	40.000	43.881	-9.7	100	0.00
54	P	2,4-Dinitrophenol	40.000	41.938	-4.8	105	0.00
55		Dibenzofuran	40.000	40.041	-0.1	97	0.00
56	P	4-Nitrophenol	40.000	42.885	-7.2	103	0.00
57		2,4-Dinitrotoluene	40.000	41.490	-3.7	103	0.00
58		Fluorene	40.000	41.599	-4.0	98	0.00
59		2,3,4,6-Tetrachlorophenol	40.000	42.368	-5.9	99	0.00
60		Diethylphthalate	40.000	40.583	-1.5	97	0.00
61		4-Chlorophenyl-phenylether	40.000	42.153	-5.4	98	0.00
62		4-Nitroaniline	40.000	39.867	0.3	101	0.00
63		Azobenzene	40.000	39.892	0.3	97	0.00
64	I	Phenanthrene-d10	20.000	20.000	0.0	98	0.00
65		4,6-Dinitro-2-methylphenol	40.000	41.602	-4.0	106	0.00
66	c	n-Nitrosodiphenylamine	40.000	40.686	-1.7	98	0.00
67		4-Bromophenyl-phenylether	40.000	40.444	-1.1	98	0.00
68		Hexachlorobenzene	40.000	40.217	-0.5	97	0.00
69		Atrazine	40.000	40.274	-0.7	98	0.00
70	C	Pentachlorophenol	40.000	38.406	4.0	100	0.00
71		Phenanthrene	40.000	40.399	-1.0	98	0.00
72		Anthracene	40.000	40.836	-2.1	99	0.00
73		Carbazole	40.000	40.357	-0.9	98	0.00
74		Di-n-butylphthalate	40.000	41.278	-3.2	97	0.00
75	C	Fluoranthene	40.000	40.761	-1.9	99	0.00
76	I	Chrysene-d12	20.000	20.000	0.0	101	0.00
77		Benzidine	40.000	40.408	-1.0	93	0.00
78		Pyrene	40.000	39.202	2.0	99	0.00
79	S	Terphenyl-d14	80.000	88.133	-10.2	100	0.00
80		Butylbenzylphthalate	40.000	41.752	-4.4	98	0.00
81		Benzo(a)anthracene	40.000	40.384	-1.0	101	0.00
82		3,3'-Dichlorobenzidine	40.000	41.582	-4.0	100	0.00
83		Chrysene	40.000	40.689	-1.7	101	0.00
84		Bis(2-ethylhexyl)phthalate	40.000	40.932	-2.3	99	0.00
85	c	Di-n-octyl phthalate	40.000	40.628	-1.6	98	0.00
86	I	Perylene-d12	20.000	20.000	0.0	98	0.00
87		Indeno(1,2,3-cd)pyrene	40.000	43.353	-8.4	104	0.00
88		Benzo(b)fluoranthene	40.000	41.790	-4.5	101	0.00
89		Benzo(k)fluoranthene	40.000	41.301	-3.3	102	0.00
90	C	Benzo(a)pyrene	40.000	42.008	-5.0	102	0.00
91		Dibenzo(a,h)anthracene	40.000	44.076	-10.2	106	0.00
92		Benzo(g,h,i)perylene	40.000	43.003	-7.5	103	0.00

ICAL Form

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020525\
Data File : BM049572.D
Acq On : 05 Feb 2025 16:18
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM020525

Quant Time: Feb 06 05:07:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 04:55:28 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.: Q1456 SAS No.: Q1456 SDG No.: Q1456

Instrument ID: BNA_M Calibration Date/Time: 02/28/2025 10:38

Lab File ID: BM049675.D Init. Calib. Date(s): 02/05/2025 02/05/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 11:05 15:38

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
n-Nitrosodimethylamine	0.680	0.622		-8.5	
2-Fluorophenol	1.244	1.231		-1.0	
Phenol-d6	1.629	1.599		-1.8	
Phenol	1.605	1.549		-3.5	20.0
bis(2-Chloroethyl)ether	1.298	1.240		-4.5	
2-Chlorophenol	1.242	1.230		-1.0	
2,2-oxybis(1-Chloropropane)	1.748	1.483		-15.2	
n-Nitroso-di-n-propylamine	1.067	0.988	0.050	-7.4	
Nitrobenzene-d5	0.389	0.406		4.4	
Hexachloroethane	0.533	0.516		-3.2	
Nitrobenzene	0.378	0.383		1.3	
Isophorone	0.701	0.650		-7.3	
2-Nitrophenol	0.116	0.157		35.3	20.0
2,4-Dimethylphenol	0.222	0.209		-5.9	
bis(2-Chloroethoxy)methane	0.452	0.446		-1.3	
2,4-Dichlorophenol	0.305	0.342		12.1	20.0
1,2,4-Trichlorobenzene	0.374	0.405		8.3	
Naphthalene	1.055	1.062		0.7	
Hexachlorobutadiene	0.224	0.246		9.8	20.0
4-Chloro-3-methylphenol	0.305	0.311		2.0	20.0
Hexachlorocyclopentadiene	0.168	0.267	0.050	58.9	
2,4,6-Trichlorophenol	0.359	0.433		20.6	20.0
2-Fluorobiphenyl	1.544	1.643		6.4	
2-Chloronaphthalene	1.180	1.224		3.7	
Dimethylphthalate	1.436	1.480		3.1	
Acenaphthylene	1.741	1.774		1.9	
2,6-Dinitrotoluene	0.249	0.299		20.1	
Acenaphthene	1.155	1.222		5.8	20.0
2,4-Dinitrophenol	0.060	0.125	0.050	108.3	
4-Nitrophenol	0.213	0.248	0.050	16.4	
2,4-Dinitrotoluene	0.304	0.402		32.2	
Diethylphthalate	1.443	1.455		0.8	
4-Chlorophenyl-phenylether	0.838	0.881		5.1	
Fluorene	1.574	1.634		3.8	
4,6-Dinitro-2-methylphenol	0.053	0.095		79.2	
n-Nitrosodiphenylamine	0.631	0.633		0.3	20.0
Azobenzene	1.507	1.401		-7.0	
2,4,6-Tribromophenol	0.237	0.270		13.9	
4-Bromophenyl-phenylether	0.232	0.236		1.7	

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.: Q1456 SAS No.: Q1456 SDG No.: Q1456

Instrument ID: BNA_M Calibration Date/Time: 02/28/2025 10:38

Lab File ID: BM049675.D Init. Calib. Date(s): 02/05/2025 02/05/2025

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): 11:05 15:38

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Hexachlorobenzene	0.267	0.264		-1.1	
Pentachlorophenol	0.147	0.164		11.6	20.0
Phenanthrene	1.139	1.165		2.3	
Anthracene	1.128	1.142		1.2	
Di-n-butylphthalate	1.256	1.243		-1.0	
Fluoranthene	1.334	1.435		7.6	20.0
Benzidine	0.177	0.331		87.0	
Pyrene	1.498	1.404		-6.3	
Terphenyl-d14	1.310	1.338		2.1	
Butylbenzylphthalate	0.466	0.481		3.2	
3,3-Dichlorobenzidine	0.365	0.460		26.0	
Benzo(a)anthracene	1.355	1.414		4.4	
Chrysene	1.270	1.319		3.9	
Bis(2-ethylhexyl)phthalate	0.799	0.812		1.6	
Di-n-octyl phthalate	1.260	1.175		-6.7	20.0
Benzo(b)fluoranthene	1.376	1.439		4.6	
Benzo(k)fluoranthene	1.336	1.391		4.1	
Benzo(a)pyrene	1.090	1.194		9.5	20.0
Indeno(1,2,3-cd)pyrene	1.092	1.470		34.6	
Dibenzo(a,h)anthracene	0.863	1.224		41.8	
Benzo(g,h,i)perylene	0.964	1.205		25.0	

All other compounds must meet a minimum RRF of 0.010.

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022825\
Data File : BM049675.D
Acq On : 28 Feb 2025 10:38
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: Feb 28 14:28:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 04:55:28 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.804	152	259599	20.000	ng		-0.02
21) Naphthalene-d8	10.604	136	912828	20.000	ng		-0.02
39) Acenaphthene-d10	14.445	164	573813	20.000	ng		-0.02
64) Phenanthrene-d10	17.186	188	1136896	20.000	ng		-0.02
76) Chrysene-d12	21.421	240	1199037	20.000	ng		-0.02
86) Perylene-d12	24.433	264	1107921	20.000	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.387	112	1278603	79.203	ng		0.00
7) Phenol-d6	6.981	99	1660618	78.517	ng		0.00
23) Nitrobenzene-d5	8.963	82	1484018	83.624	ng		-0.02
42) 2,4,6-Tribromophenol	15.933	330	618837	91.016	ng		-0.02
45) 2-Fluorobiphenyl	13.069	172	3771789	85.153	ng		-0.02
79) Terphenyl-d14	19.809	244	6417003	81.724	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.281	88	269891	39.762	ng		96
3) Pyridine	3.681	79	738075	39.131	ng		97
4) n-Nitrosodimethylamine	3.587	42	322716	36.569	ng		92
6) Aniline	7.134	93	746271	37.229	ng		95
8) 2-Chlorophenol	7.375	128	638386	39.603	ng		95
9) Benzaldehyde	6.940	77	466396	41.648	ng		99
10) Phenol	7.004	94	804367	38.613	ng		99
11) bis(2-Chloroethyl)ether	7.228	93	643631	38.191	ng		99
12) 1,3-Dichlorobenzene	7.693	146	745087	39.822	ng		97
13) 1,4-Dichlorobenzene	7.840	146	757865	40.045	ng		99
14) 1,2-Dichlorobenzene	8.157	146	725438	39.698	ng		98
15) Benzyl Alcohol	8.045	79	542581	36.875	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.340	45	770021	33.941	ng		96
17) 2-Methylphenol	8.251	107	483073	37.925	ng		99
18) Hexachloroethane	8.887	117	267898	38.753	ng		95
19) n-Nitroso-di-n-propyla...	8.616	70	512906	37.034	ng		94
20) 3+4-Methylphenols	8.581	107	659290	39.209	ng		99
22) Acetophenone	8.628	105	987177	40.152	ng	#	98
24) Nitrobenzene	9.004	77	698543	40.514	ng		98
25) Isophorone	9.534	82	1187001	37.088	ng		99
26) 2-Nitrophenol	9.716	139	287179	48.415	ng		96
27) 2,4-Dimethylphenol	9.781	122	380959	37.645	ng		99
28) bis(2-Chloroethoxy)met...	10.010	93	815045	39.540	ng		99
29) 2,4-Dichlorophenol	10.251	162	623628	44.748	ng		98
30) 1,2,4-Trichlorobenzene	10.463	180	738892	43.275	ng		99
31) Naphthalene	10.651	128	1937995	40.255	ng		99
32) Benzoic acid	9.910	122	345362m	52.862	ng		
33) 4-Chloroaniline	10.757	127	707070	39.238	ng		98
34) Hexachlorobutadiene	10.945	225	449059	43.918	ng		99
35) Caprolactam	11.539	113	159972	37.626	ng		92
36) 4-Chloro-3-methylphenol	11.892	107	567514	40.833	ng		95
37) 2-Methylnaphthalene	12.263	142	1376496	40.609	ng		100
38) 1-Methylnaphthalene	12.486	142	1343109	40.726	ng		99
40) 1,2,4,5-Tetrachloroben...	12.633	216	839163	44.480	ng		99
41) Hexachlorocyclopentadiene	12.622	237	306783	63.698	ng		98
43) 2,4,6-Trichlorophenol	12.875	196	497331	48.308	ng		99

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022825\
Data File : BM049675.D
Acq On : 28 Feb 2025 10:38
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: Feb 28 14:28:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 04:55:28 2025
Response via : Initial Calibration

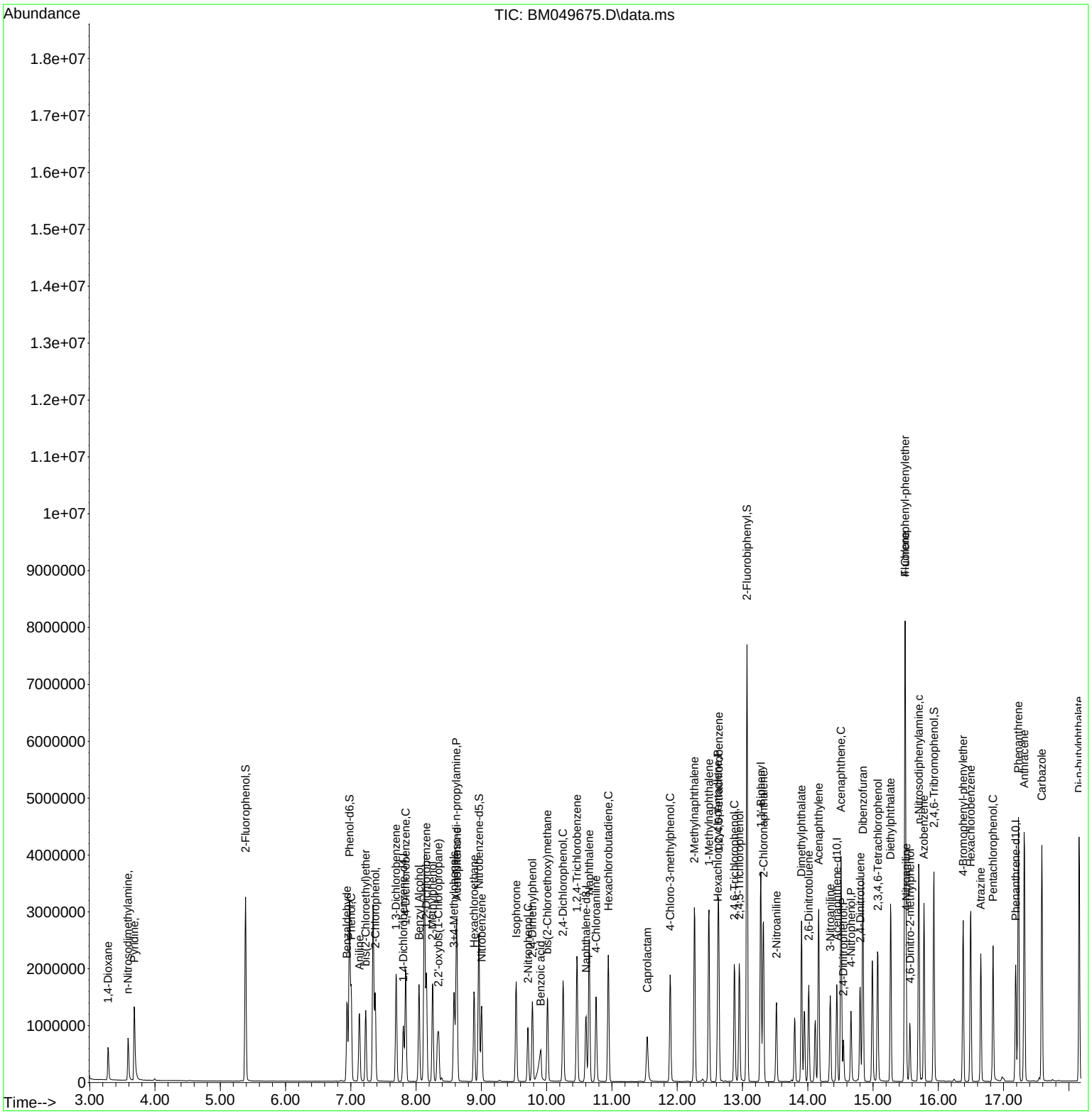
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.951	196	538560	47.603	ng		99
46) 1,1'-Biphenyl	13.280	154	1824428	41.679	ng		99
47) 2-Chloronaphthalene	13.322	162	1404647	41.475	ng		99
48) 2-Nitroaniline	13.522	65	349034	39.854	ng		94
49) Acenaphthylene	14.169	152	2035499	40.759	ng		99
50) Dimethylphthalate	13.904	163	1698253	41.212	ng		100
51) 2,6-Dinitrotoluene	14.016	165	343044	48.109	ng		93
52) Acenaphthene	14.510	154	1402645m	42.314	ng		
53) 3-Nitroaniline	14.345	138	346537	47.733	ng	#	94
54) 2,4-Dinitrophenol	14.545	184	143831	64.682	ng	#	75
55) Dibenzofuran	14.845	168	2205442	41.784	ng		98
56) 4-Nitrophenol	14.663	139	284453	46.480	ng		91
57) 2,4-Dinitrotoluene	14.804	165	461503	46.617	ng		87
58) Fluorene	15.492	166	1875201	41.530	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.074	232	452062	47.295	ng		97
60) Diethylphthalate	15.269	149	1670130	40.328	ng		99
61) 4-Chlorophenyl-phenyle...	15.492	204	1011199	42.076	ng		98
62) 4-Nitroaniline	15.510	138	386631	41.755	ng		99
63) Azobenzene	15.780	77	1607922	37.197	ng		97
65) 4,6-Dinitro-2-methylph...	15.569	198	215618	58.812	ng		86
66) n-Nitrosodiphenylamine	15.704	169	1439316	40.143	ng		99
67) 4-Bromophenyl-phenylether	16.380	248	536508	40.620	ng		96
68) Hexachlorobenzene	16.498	284	599620	39.554	ng		97
69) Atrazine	16.651	200	382428	35.881	ng		98
70) Pentachlorophenol	16.839	266	372513	40.611	ng		99
71) Phenanthrene	17.227	178	2649491	40.907	ng		100
72) Anthracene	17.315	178	2595955	40.479	ng		100
73) Carbazole	17.586	167	2467838	43.843	ng		99
74) Di-n-butylphthalate	18.157	149	2826619	39.576	ng		99
75) Fluoranthene	19.239	202	3262680	43.027	ng		100
77) Benzidine	19.421	184	793051	74.688	ng		100
78) Pyrene	19.604	202	3367059	37.504	ng		100
80) Butylbenzylphthalate	20.509	149	1154065	41.310	ng		91
81) Benzo(a)anthracene	21.403	228	3391339	41.734	ng		99
82) 3,3'-Dichlorobenzidine	21.327	252	1102893	50.437	ng		99
83) Chrysene	21.468	228	3163649	41.554	ng		100
84) Bis(2-ethylhexyl)phtha...	21.339	149	1946574	40.645	ng		99
85) Di-n-octyl phthalate	22.480	149	2817292	37.288	ng		95
87) Indeno(1,2,3-cd)pyrene	27.844	276	3257972	53.845	ng	#	96
88) Benzo(b)fluoranthene	23.486	252	3189592	41.848	ng		99
89) Benzo(k)fluoranthene	23.550	252	3081743	41.629	ng		99
90) Benzo(a)pyrene	24.297	252	2646088	43.809	ng		98
91) Dibenzo(a,h)anthracene	27.903	278	2712440	56.721	ng		97
92) Benzo(g,h,i)perylene	28.897	276	2669969	49.981	ng		98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022825\
Data File : BM049675.D
Acq On : 28 Feb 2025 10:38
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: Feb 28 14:28:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 04:55:28 2025
Response via : Initial Calibration

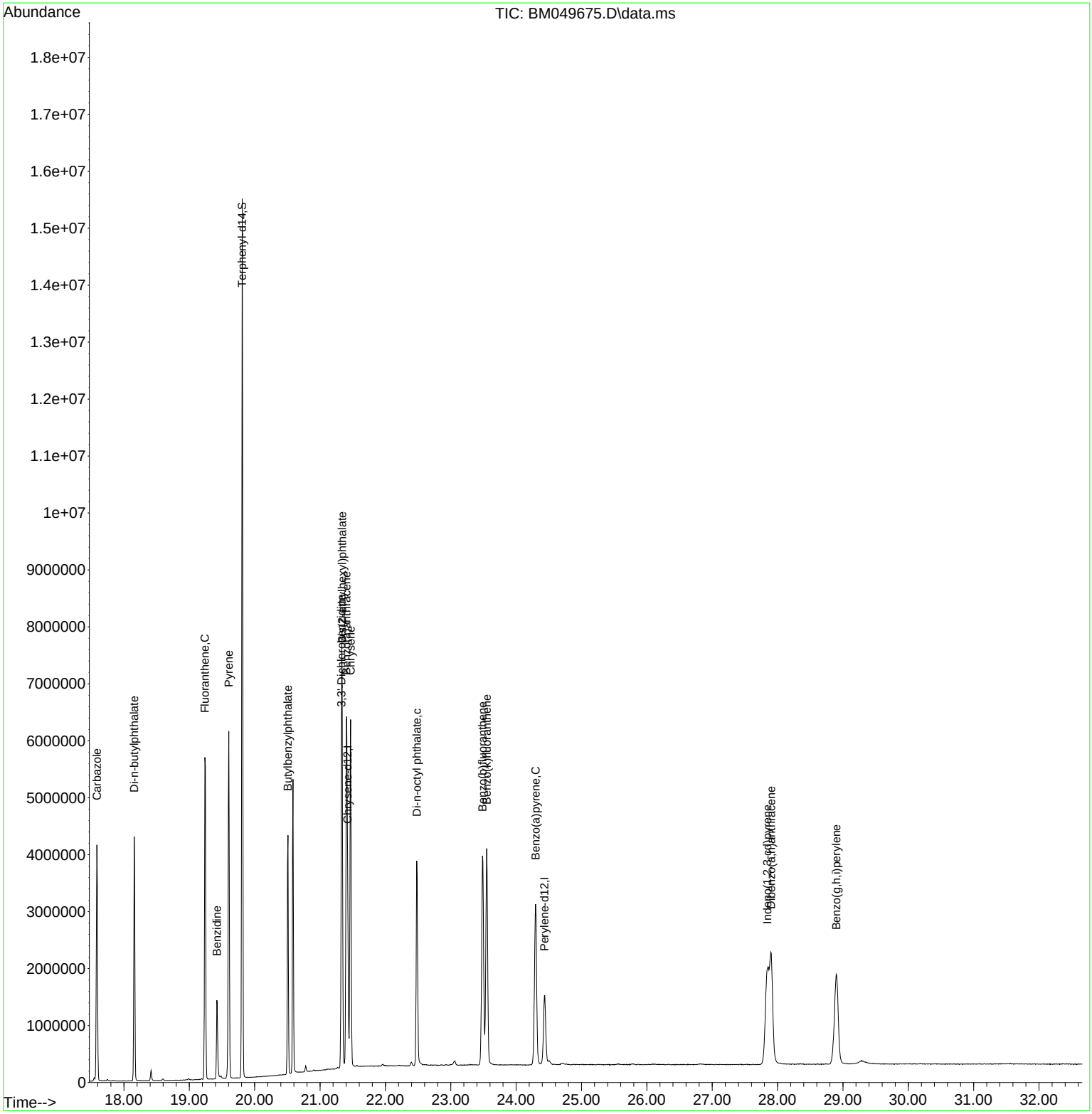


Sample Results: **BM049675.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022825\
Data File : BM049675.D
Acq On : 28 Feb 2025 10:38
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: Feb 28 14:28:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 04:55:28 2025
Response via : Initial Calibration



Sample Results: **BM049675.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022825\
Data File : BM049675.D
Acq On : 28 Feb 2025 10:38
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: Feb 28 14:28:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 04:55:28 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	99	-0.02
2		1,4-Dioxane	0.523	0.520	0.6	99	-0.01
3		Pyridine	1.453	1.422	2.1	94	0.00
4		n-Nitrosodimethylamine	0.680	0.622	8.5	89	-0.01
5	S	2-Fluorophenol	1.244	1.231	1.0	97	0.00
6		Aniline	1.544	1.437	6.9	91	-0.01
7	S	Phenol-d6	1.629	1.599	1.8	96	0.00
8		2-Chlorophenol	1.242	1.230	1.0	97	-0.01
9		Benzaldehyde	0.863	0.898	-4.1	104	-0.02
10	C	Phenol	1.605	1.549	3.5	95	0.00
11		bis(2-Chloroethyl)ether	1.298	1.240	4.5	94	-0.02
12		1,3-Dichlorobenzene	1.441	1.435	0.4	98	-0.02
13	C	1,4-Dichlorobenzene	1.458	1.460	-0.1	99	-0.02
14		1,2-Dichlorobenzene	1.408	1.397	0.8	97	-0.02
15		Benzyl Alcohol	1.134	1.045	7.8	89	-0.01
16		2,2'-oxybis(1-Chloropropane	1.748	1.483	15.2	83	-0.02
17		2-Methylphenol	0.981	0.930	5.2	93	-0.01
18		Hexachloroethane	0.533	0.516	3.2	94	-0.03
19	P	n-Nitroso-di-n-propylamine	1.067	0.988	7.4	88	-0.02
20		3+4-Methylphenols	1.295	1.270	1.9	96	0.00
21	I	Naphthalene-d8	1.000	1.000	0.0	93	-0.02
22		Acetophenone	0.539	0.541	-0.4	92	-0.02
23	S	Nitrobenzene-d5	0.389	0.406	-4.4	95	-0.02
24		Nitrobenzene	0.378	0.383	-1.3	92	-0.02
25		Isophorone	0.701	0.650	7.3	85	-0.02
26	C	2-Nitrophenol	0.116	0.157	-35.3#	118	-0.02
27		2,4-Dimethylphenol	0.222	0.209	5.9	89	-0.01
28		bis(2-Chloroethoxy)methane	0.452	0.446	1.3	91	-0.03
29	C	2,4-Dichlorophenol	0.305	0.342	-12.1	100	-0.02
30		1,2,4-Trichlorobenzene	0.374	0.405	-8.3	100	-0.02
31		Naphthalene	1.055	1.062	-0.7	93	-0.02
32		Benzoic acid	0.124	0.189	-52.4#	141	0.00
33		4-Chloroaniline	0.395	0.387	2.0	91	-0.02
34	C	Hexachlorobutadiene	0.224	0.246	-9.8	102	-0.03
35		Caprolactam	0.093	0.088	5.4	84	0.00
36	C	4-Chloro-3-methylphenol	0.305	0.311	-2.0	92	0.00
37		2-Methylnaphthalene	0.743	0.754	-1.5	94	-0.02
38		1-Methylnaphthalene	0.723	0.736	-1.8	94	-0.02
39	I	Acenaphthene-d10	1.000	1.000	0.0	92	-0.02
40		1,2,4,5-Tetrachlorobenzene	0.658	0.731	-11.1	101	-0.02
41	P	Hexachlorocyclopentadiene	0.168	0.267	-58.9#	140	-0.02
42	S	2,4,6-Tribromophenol	0.237	0.270	-13.9	100	-0.02
43	C	2,4,6-Trichlorophenol	0.359	0.433	-20.6#	107	-0.02
44		2,4,5-Trichlorophenol	0.394	0.469	-19.0	105	-0.01
45	S	2-Fluorobiphenyl	1.544	1.643	-6.4	95	-0.02
46		1,1'-Biphenyl	1.526	1.590	-4.2	94	-0.02
47		2-Chloronaphthalene	1.180	1.224	-3.7	94	-0.02

Sample Results: **BM049675.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022825\
Data File : BM049675.D
Acq On : 28 Feb 2025 10:38
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: Feb 28 14:28:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 04:55:28 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	0.271	0.304	-12.2	96	-0.01
49		Acenaphthylene	1.741	1.774	-1.9	94	-0.02
50		Dimethylphthalate	1.436	1.480	-3.1	94	-0.02
51		2,6-Dinitrotoluene	0.249	0.299	-20.1	105	-0.02
52	C	Acenaphthene	1.155	1.222	-5.8	96	-0.02
53		3-Nitroaniline	0.253	0.302	-19.4	103	-0.01
54	P	2,4-Dinitrophenol	0.060	0.125	-108.3#	201#	-0.01
55		Dibenzofuran	1.840	1.922	-4.5	96	-0.02
56	P	4-Nitrophenol	0.213	0.248	-16.4	105	0.01
57		2,4-Dinitrotoluene	0.304	0.402	-32.2#	112	-0.01
58		Fluorene	1.574	1.634	-3.8	92	-0.02
59		2,3,4,6-Tetrachlorophenol	0.333	0.394	-18.3	104	-0.01
60		Diethylphthalate	1.443	1.455	-0.8	91	-0.03
61		4-Chlorophenyl-phenylether	0.838	0.881	-5.1	92	-0.02
62		4-Nitroaniline	0.283	0.337	-19.1	100	0.00
63		Azobenzene	1.507	1.401	7.0	85	-0.02
64	I	Phenanthrene-d10	1.000	1.000	0.0	96	-0.02
65		4,6-Dinitro-2-methylphenol	0.053	0.095	-79.2#	176#	-0.01
66	c	n-Nitrosodiphenylamine	0.631	0.633	-0.3	95	-0.02
67		4-Bromophenyl-phenylether	0.232	0.236	-1.7	97	-0.02
68		Hexachlorobenzene	0.267	0.264	1.1	94	-0.02
69		Atrazine	0.187	0.168	10.2	86	-0.02
70	C	Pentachlorophenol	0.147	0.164	-11.6	106	-0.01
71		Phenanthrene	1.139	1.165	-2.3	98	-0.02
72		Anthracene	1.128	1.142	-1.2	97	-0.02
73		Carbazole	0.990	1.085	-9.6	106	-0.02
74		Di-n-butylphthalate	1.256	1.243	1.0	92	-0.04
75	C	Fluoranthene	1.334	1.435	-7.6	103	-0.02
76	I	Chrysene-d12	1.000	1.000	0.0	111	-0.02
77		Benzidine	0.177	0.331	-87.0#	188#	-0.02
78		Pyrene	1.498	1.404	6.3	104	-0.02
79	S	Terphenyl-d14	1.310	1.338	-2.1	101	-0.02
80		Butylbenzylphthalate	0.466	0.481	-3.2	106	-0.02
81		Benzo(a)anthracene	1.355	1.414	-4.4	114	-0.02
82		3,3'-Dichlorobenzidine	0.365	0.460	-26.0#	133	-0.02
83		Chrysene	1.270	1.319	-3.9	113	-0.02
84		Bis(2-ethylhexyl)phthalate	0.799	0.812	-1.6	108	-0.04
85	c	Di-n-octyl phthalate	1.260	1.175	6.7	99	-0.06
86	I	Perylene-d12	1.000	1.000	0.0	120	-0.04
87		Indeno(1,2,3-cd)pyrene	1.092	1.470	-34.6#	158#	-0.06
88		Benzo(b)fluoranthene	1.376	1.439	-4.6	124	-0.04
89		Benzo(k)fluoranthene	1.336	1.391	-4.1	125	-0.04
90	C	Benzo(a)pyrene	1.090	1.194	-9.5	130	-0.04
91		Dibenzo(a,h)anthracene	0.863	1.224	-41.8#	168#	-0.06
92		Benzo(g,h,i)perylene	0.964	1.205	-25.0#	147	-0.07

Sample Results: **BM049675.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022825\
Data File : BM049675.D
Acq On : 28 Feb 2025 10:38
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: Feb 28 14:28:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 04:55:28 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 = 2

Sample Results: **BM049675.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022825\
Data File : BM049675.D
Acq On : 28 Feb 2025 10:38
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
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Quant Time: Feb 28 14:28:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 04:55:28 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	99	-0.02
2		1,4-Dioxane	40.000	39.762	0.6	99	-0.01
3		Pyridine	40.000	39.131	2.2	94	0.00
4		n-Nitrosodimethylamine	40.000	36.569	8.6	89	-0.01
5	S	2-Fluorophenol	80.000	79.203	1.0	97	0.00
6		Aniline	40.000	37.229	6.9	91	-0.01
7	S	Phenol-d6	80.000	78.517	1.9	96	0.00
8		2-Chlorophenol	40.000	39.603	1.0	97	-0.01
9		Benzaldehyde	40.000	41.648	-4.1	104	-0.02
10	C	Phenol	40.000	38.613	3.5	95	0.00
11		bis(2-Chloroethyl)ether	40.000	38.191	4.5	94	-0.02
12		1,3-Dichlorobenzene	40.000	39.822	0.4	98	-0.02
13	C	1,4-Dichlorobenzene	40.000	40.045	-0.1	99	-0.02
14		1,2-Dichlorobenzene	40.000	39.698	0.8	97	-0.02
15		Benzyl Alcohol	40.000	36.875	7.8	89	-0.01
16		2,2'-oxybis(1-Chloropropane	40.000	33.941	15.1	83	-0.02
17		2-Methylphenol	40.000	37.925	5.2	93	-0.01
18		Hexachloroethane	40.000	38.753	3.1	94	-0.03
19	P	n-Nitroso-di-n-propylamine	40.000	37.034	7.4	88	-0.02
20		3+4-Methylphenols	40.000	39.209	2.0	96	0.00
21	I	Naphthalene-d8	20.000	20.000	0.0	93	-0.02
22		Acetophenone	40.000	40.152	-0.4	92	-0.02
23	S	Nitrobenzene-d5	80.000	83.624	-4.5	95	-0.02
24		Nitrobenzene	40.000	40.514	-1.3	92	-0.02
25		Isophorone	40.000	37.088	7.3	85	-0.02
26	C	2-Nitrophenol	40.000	48.415	-21.0#	118	-0.02
27		2,4-Dimethylphenol	40.000	37.645	5.9	89	-0.01
28		bis(2-Chloroethoxy)methane	40.000	39.540	1.2	91	-0.03
29	C	2,4-Dichlorophenol	40.000	44.748	-11.9	100	-0.02
30		1,2,4-Trichlorobenzene	40.000	43.275	-8.2	100	-0.02
31		Naphthalene	40.000	40.255	-0.6	93	-0.02
32		Benzoic acid	40.000	52.862	-32.2#	141	0.00
33		4-Chloroaniline	40.000	39.238	1.9	91	-0.02
34	C	Hexachlorobutadiene	40.000	43.918	-9.8	102	-0.03
35		Caprolactam	40.000	37.626	5.9	84	0.00
36	C	4-Chloro-3-methylphenol	40.000	40.833	-2.1	92	0.00
37		2-Methylnaphthalene	40.000	40.609	-1.5	94	-0.02
38		1-Methylnaphthalene	40.000	40.726	-1.8	94	-0.02
39	I	Acenaphthene-d10	20.000	20.000	0.0	92	-0.02
40		1,2,4,5-Tetrachlorobenzene	40.000	44.480	-11.2	101	-0.02
41	P	Hexachlorocyclopentadiene	40.000	63.698	-59.2#	140	-0.02
42	S	2,4,6-Tribromophenol	80.000	91.016	-13.8	100	-0.02
43	C	2,4,6-Trichlorophenol	40.000	48.308	-20.8#	107	-0.02
44		2,4,5-Trichlorophenol	40.000	47.603	-19.0	105	-0.01
45	S	2-Fluorobiphenyl	80.000	85.153	-6.4	95	-0.02
46		1,1'-Biphenyl	40.000	41.679	-4.2	94	-0.02
47		2-Chloronaphthalene	40.000	41.475	-3.7	94	-0.02

Sample Results: **BM049675.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022825\
Data File : BM049675.D
Acq On : 28 Feb 2025 10:38
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: Feb 28 14:28:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 04:55:28 2025
Response via : Initial Calibration

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

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
48		2-Nitroaniline	40.000	39.854	0.4	96	-0.01
49		Acenaphthylene	40.000	40.759	-1.9	94	-0.02
50		Dimethylphthalate	40.000	41.212	-3.0	94	-0.02
51		2,6-Dinitrotoluene	40.000	48.109	-20.3	105	-0.02
52	C	Acenaphthene	40.000	42.314	-5.8	96	-0.02
53		3-Nitroaniline	40.000	47.733	-19.3	103	-0.01
54	P	2,4-Dinitrophenol	40.000	64.682	-61.7#	201	-0.01
55		Dibenzofuran	40.000	41.784	-4.5	96	-0.02
56	P	4-Nitrophenol	40.000	46.480	-16.2	105	0.01
57		2,4-Dinitrotoluene	40.000	46.617	-16.5	112	-0.01
58		Fluorene	40.000	41.530	-3.8	92	-0.02
59		2,3,4,6-Tetrachlorophenol	40.000	47.295	-18.2	104	-0.01
60		Diethylphthalate	40.000	40.328	-0.8	91	-0.03
61		4-Chlorophenyl-phenylether	40.000	42.076	-5.2	92	-0.02
62		4-Nitroaniline	40.000	41.755	-4.4	100	0.00
63		Azobenzene	40.000	37.197	7.0	85	-0.02
64	I	Phenanthrene-d10	20.000	20.000	0.0	96	-0.02
65		4,6-Dinitro-2-methylphenol	40.000	58.812	-47.0#	176	-0.01
66	c	n-Nitrosodiphenylamine	40.000	40.143	-0.4	95	-0.02
67		4-Bromophenyl-phenylether	40.000	40.620	-1.5	97	-0.02
68		Hexachlorobenzene	40.000	39.554	1.1	94	-0.02
69		Atrazine	40.000	35.881	10.3	86	-0.02
70	C	Pentachlorophenol	40.000	40.611	-1.5	106	-0.01
71		Phenanthrene	40.000	40.907	-2.3	98	-0.02
72		Anthracene	40.000	40.479	-1.2	97	-0.02
73		Carbazole	40.000	43.843	-9.6	106	-0.02
74		Di-n-butylphthalate	40.000	39.576	1.1	92	-0.04
75	C	Fluoranthene	40.000	43.027	-7.6	103	-0.02
76	I	Chrysene-d12	20.000	20.000	0.0	111	-0.02
77		Benzidine	40.000	74.688	-86.7#	188	-0.02
78		Pyrene	40.000	37.504	6.2	104	-0.02
79	S	Terphenyl-d14	80.000	81.724	-2.2	101	-0.02
80		Butylbenzylphthalate	40.000	41.310	-3.3	106	-0.02
81		Benzo(a)anthracene	40.000	41.734	-4.3	114	-0.02
82		3,3'-Dichlorobenzidine	40.000	50.437	-26.1#	133	-0.02
83		Chrysene	40.000	41.554	-3.9	113	-0.02
84		Bis(2-ethylhexyl)phthalate	40.000	40.645	-1.6	108	-0.04
85	c	Di-n-octyl phthalate	40.000	37.288	6.8	99	-0.06
86	I	Perylene-d12	20.000	20.000	0.0	120	-0.04
87		Indeno(1,2,3-cd)pyrene	40.000	53.845	-34.6#	158	-0.06
88		Benzo(b)fluoranthene	40.000	41.848	-4.6	124	-0.04
89		Benzo(k)fluoranthene	40.000	41.629	-4.1	125	-0.04
90	C	Benzo(a)pyrene	40.000	43.809	-9.5	130	-0.04
91		Dibenzo(a,h)anthracene	40.000	56.721	-41.8#	168	-0.06
92		Benzo(g,h,i)perylene	40.000	49.981	-25.0	147	-0.07

Sample Results: **BM049675.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022825\
Data File : BM049675.D
Acq On : 28 Feb 2025 10:38
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
LabSampleId :
SSTDCCC040

Quant Time: Feb 28 14:28:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 04:55:28 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 = 2

QC SAMPLE DATA

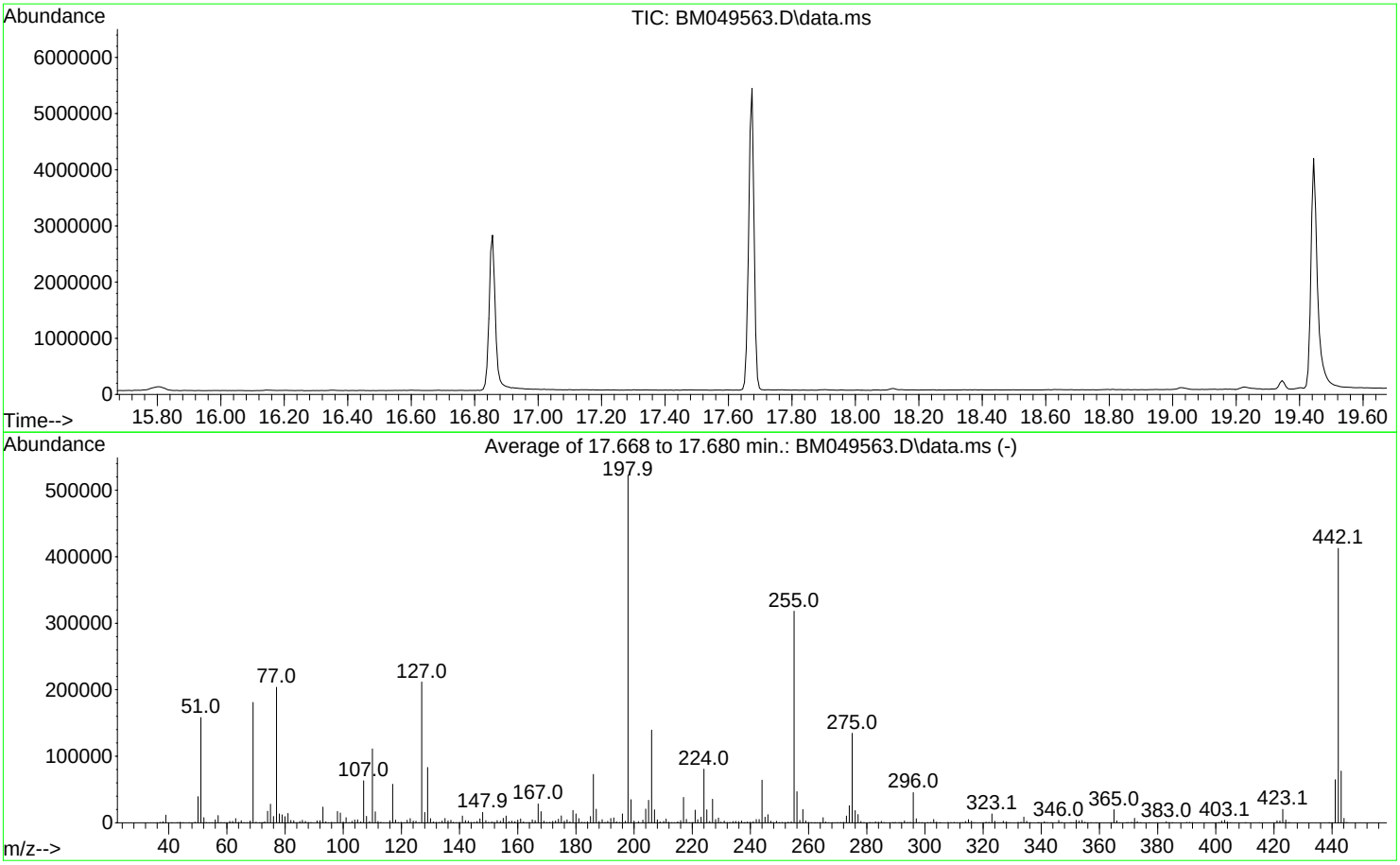
Sample Results: **BM049563.D**

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020525\
Data File : BM049563.D
Acq On : 05 Feb 2025 10:26
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Feb 06 04:55:28 2025



AutoFind: Scans 2496, 2497, 2498; Background Corrected with Scan 2489

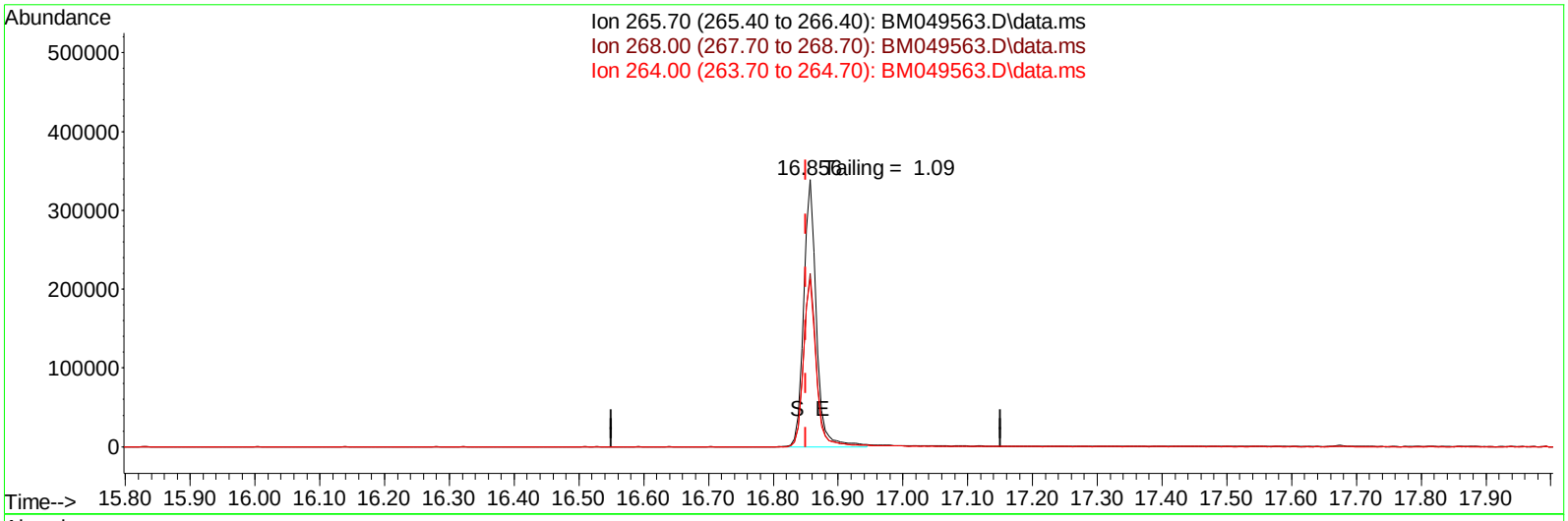
Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	30.3	158210	PASS
68	69	0.00	2	1.6	2839	PASS
69	198	0.00	100	34.6	181117	PASS
70	69	0.00	2	0.6	1001	PASS
127	198	10	80	40.5	211627	PASS
197	198	0.00	2	0.4	2343	PASS
198	198	100	100	100.0	522795	PASS
199	198	5	9	6.6	34765	PASS
275	198	10	60	25.7	134616	PASS
365	198	1	100	3.8	19722	PASS
441	198	0.01	100	12.4	64755	PASS
442	442	50	100	100.0	412437	PASS
443	442	15	24	18.8	77672	PASS

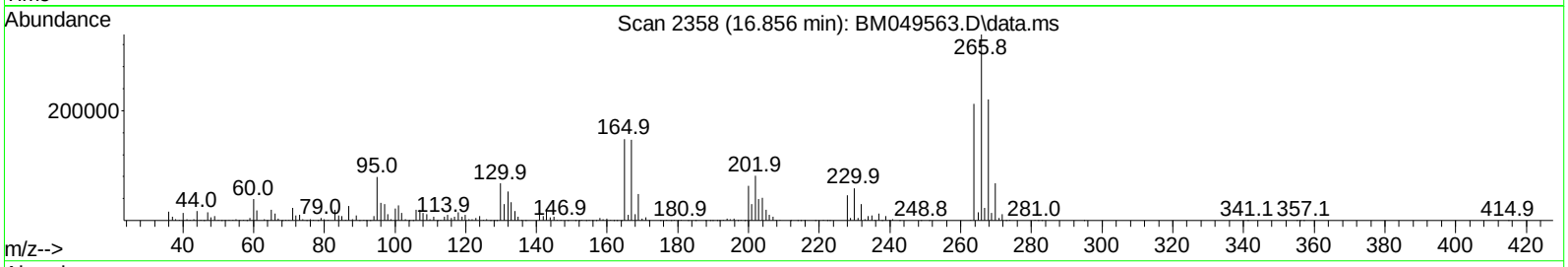
Sample Results: **BM049563.D**

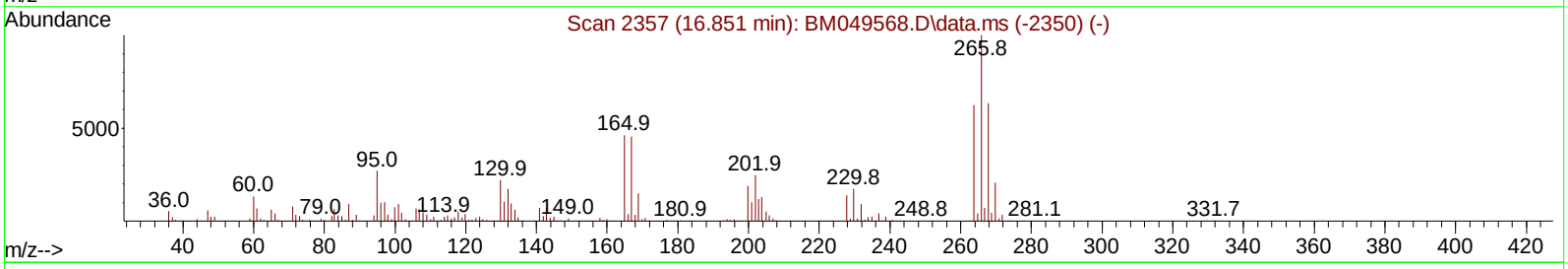
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020525\
Data File : BM049563.D
Acq On : 05 Feb 2025 10:26
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Quant Time: Feb 06 06:35:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 04:55:28 2025
Response via : Initial Calibration







TIC: BM049563.D\data.ms

(70) Pentachlorophenol (C)

16.856min (+ 0.006) 56928.85 ng

response 460911

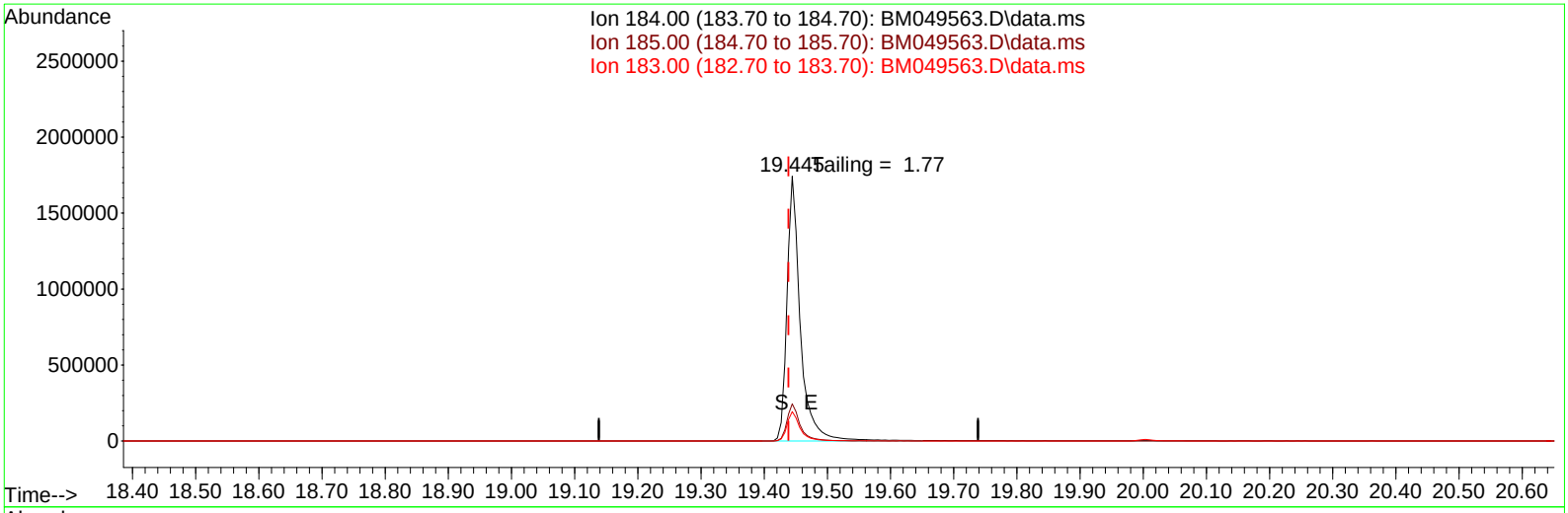
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.50	64.98
264.00	62.50	62.76
0.00	0.00	0.00

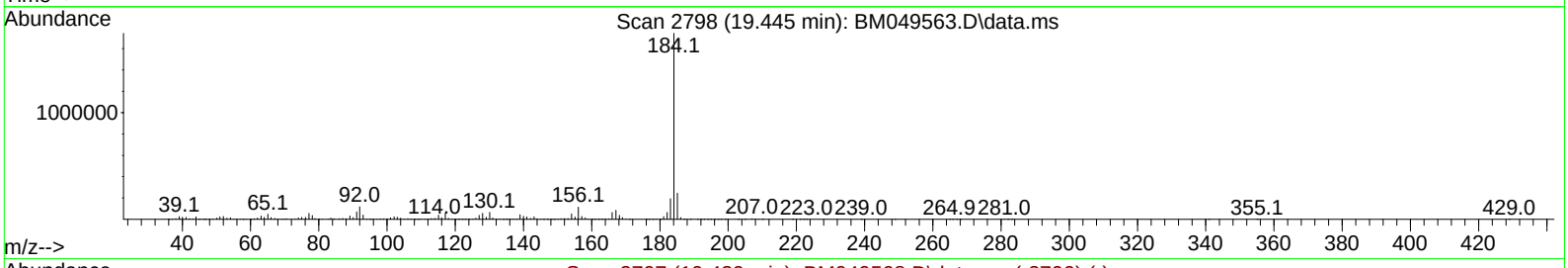
Sample Results: **BM049563.D**

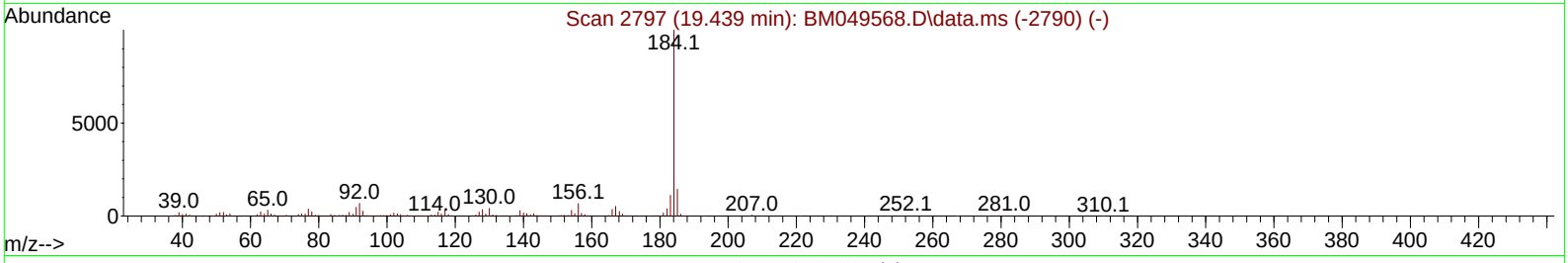
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020525\
Data File : BM049563.D
Acq On : 05 Feb 2025 10:26
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Quant Time: Feb 06 06:38:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 04:55:28 2025
Response via : Initial Calibration







TIC: BM049563.D\data.ms

(77) Benzidine

19.445min (+ 0.006) 1424537.65 ng

response 2573477

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.50	14.05
183.00	11.10	11.12
0.00	0.00	0.00

DDT Breakdown

Date	Instrument Name	DFTPP Data File
2/5/2025	BNA_M	BM049563.D
Compound Name	**Response**	**Retention Time**
DDT	1163468	20.691
DDD	33835	20.25
DDE	3736	19.75
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
37571	1201039	3.13

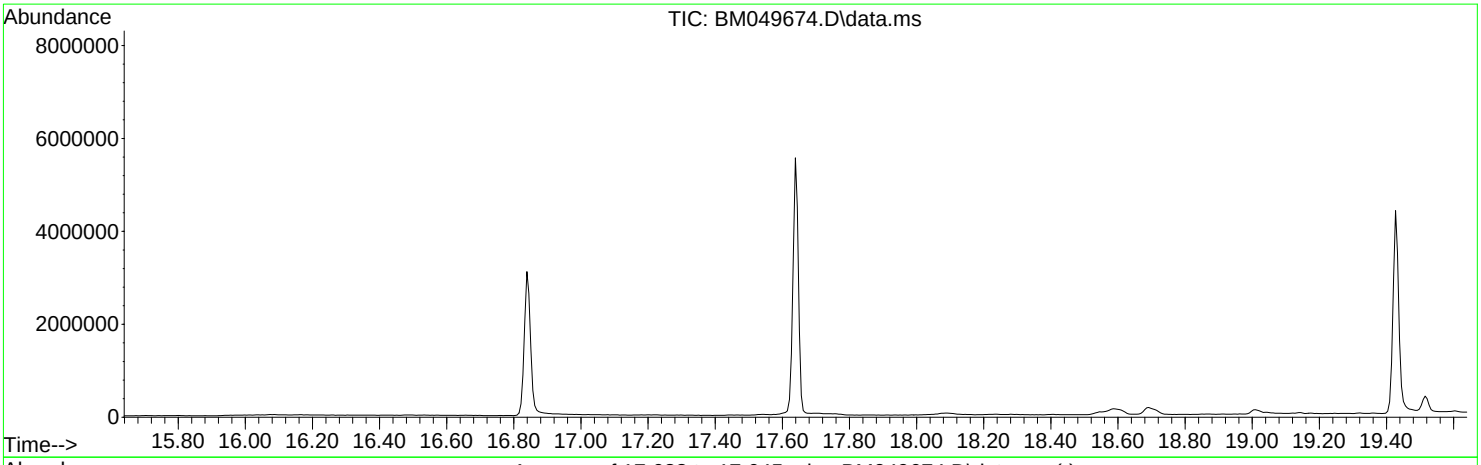
Sample Results: **BM049674.D**

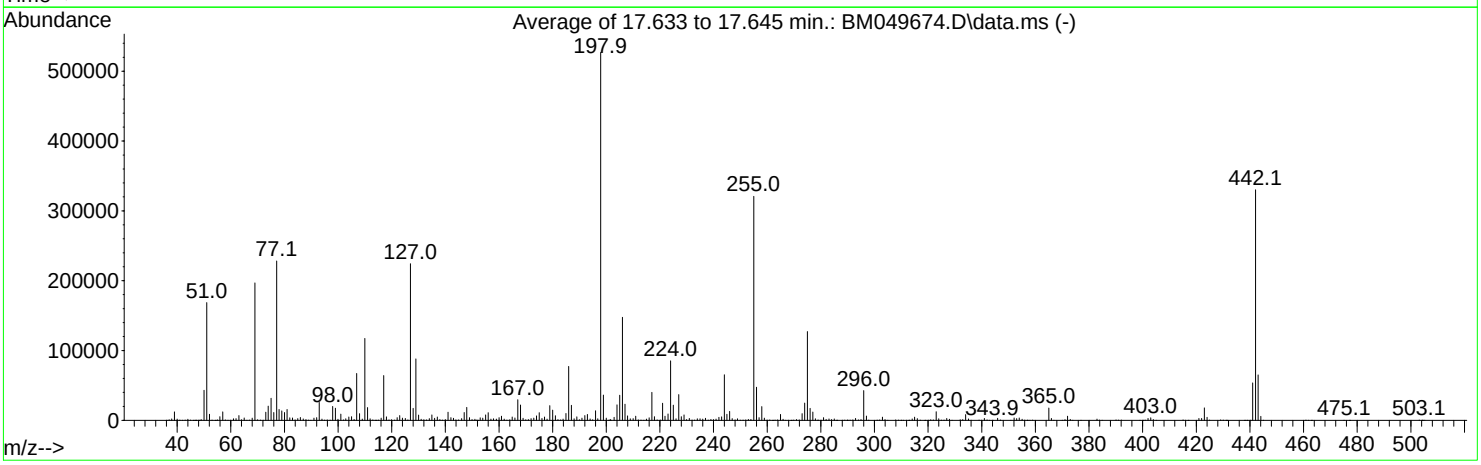
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022825\
Data File : BM049674.D
Acq On : 28 Feb 2025 09:17
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Integration File: rteint.p

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
Last Update : Thu Feb 06 04:55:28 2025





AutoFind: Scans 2490, 2491, 2492; Background Corrected with Scan 2483

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
51	198	10	80	32.0	168688	PASS
68	69	0.00	2	1.7	3318	PASS
69	198	0.00	100	37.4	196930	PASS
70	69	0.00	2	0.5	997	PASS
127	198	10	80	42.6	224235	PASS
197	198	0.00	2	0.4	2225	PASS
198	198	100	100	100.0	526805	PASS
199	198	5	9	6.9	36216	PASS
275	198	10	60	24.1	127184	PASS
365	198	1	100	3.3	17645	PASS
441	198	0.01	100	10.2	53744	PASS
442	442	50	100	100.0	330283	PASS
443	442	15	24	19.7	65032	PASS

DDT Breakdown

Date	Instrument Name	DFTPP Data File
2/28/2025	BNA_M	BM049674.D
Compound Name	**Response**	**Retention Time**
DDT	1525583	20.668
DDD	20140	20.227
DDE	6448	19.721
SUM(DDD+DDE)	**SUM(DDT+DDD+DDE)**	**% Breakdown Of DDT**
26588	1552171	1.71

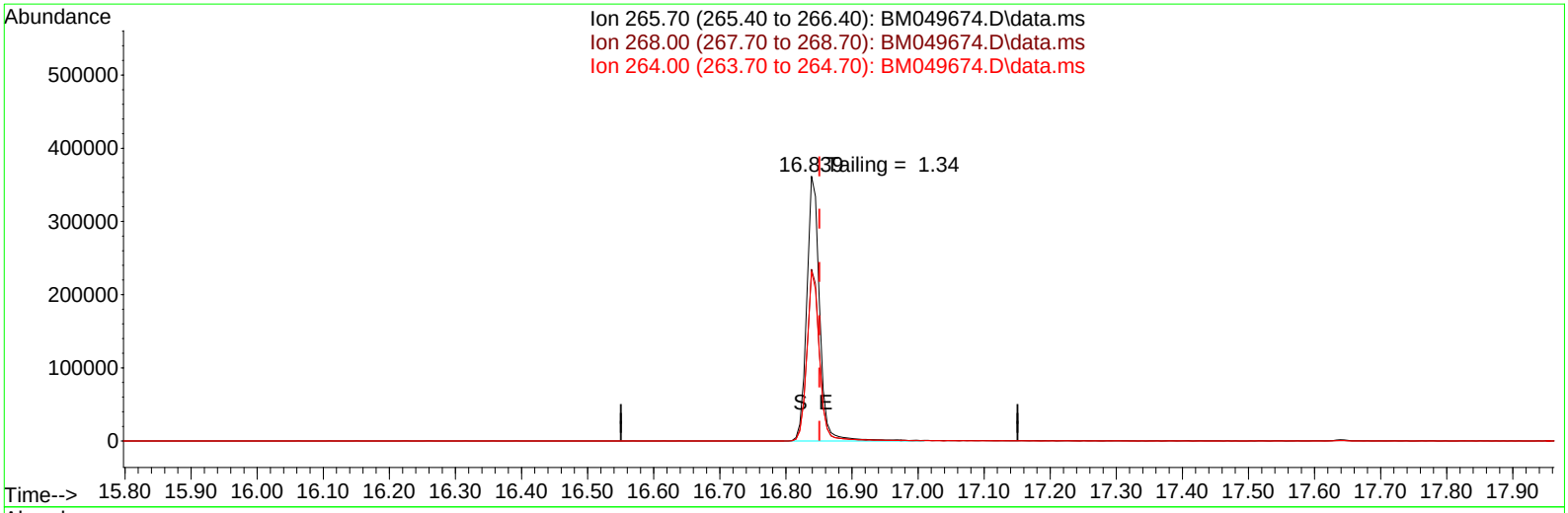
Instrument :
BNA_M
ClientSampleId :
DFTPP

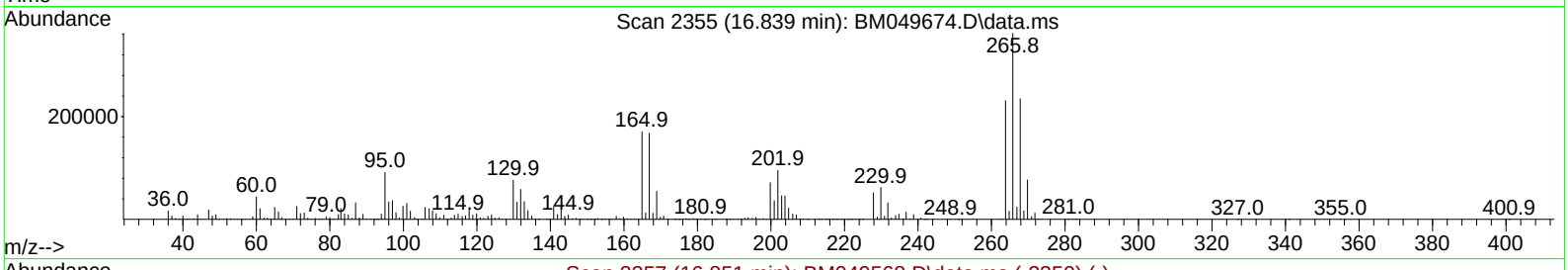
Sample Results: **BM049674.D**

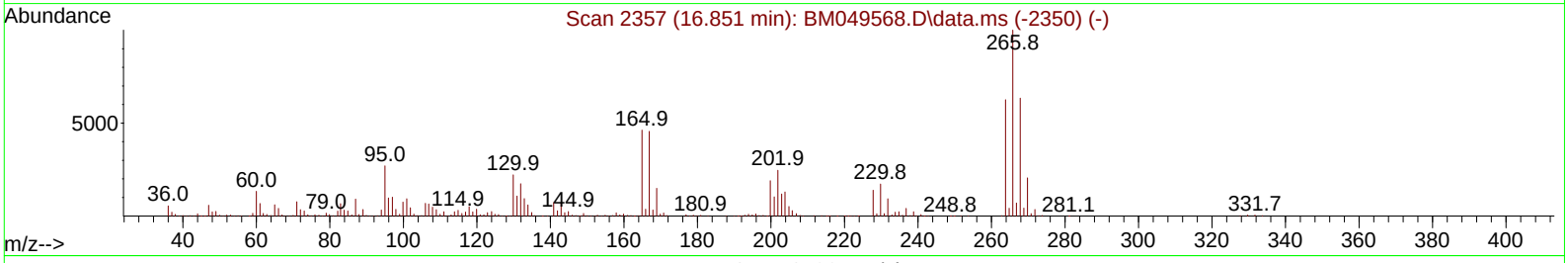
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022825\
Data File : BM049674.D
Acq On : 28 Feb 2025 09:17
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Quant Time: Feb 28 18:13:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 04:55:28 2025
Response via : Initial Calibration







TIC: BM049674.D\data.ms

(70) Pentachlorophenol (C)

16.839min (-0.012) 32194.44 ng

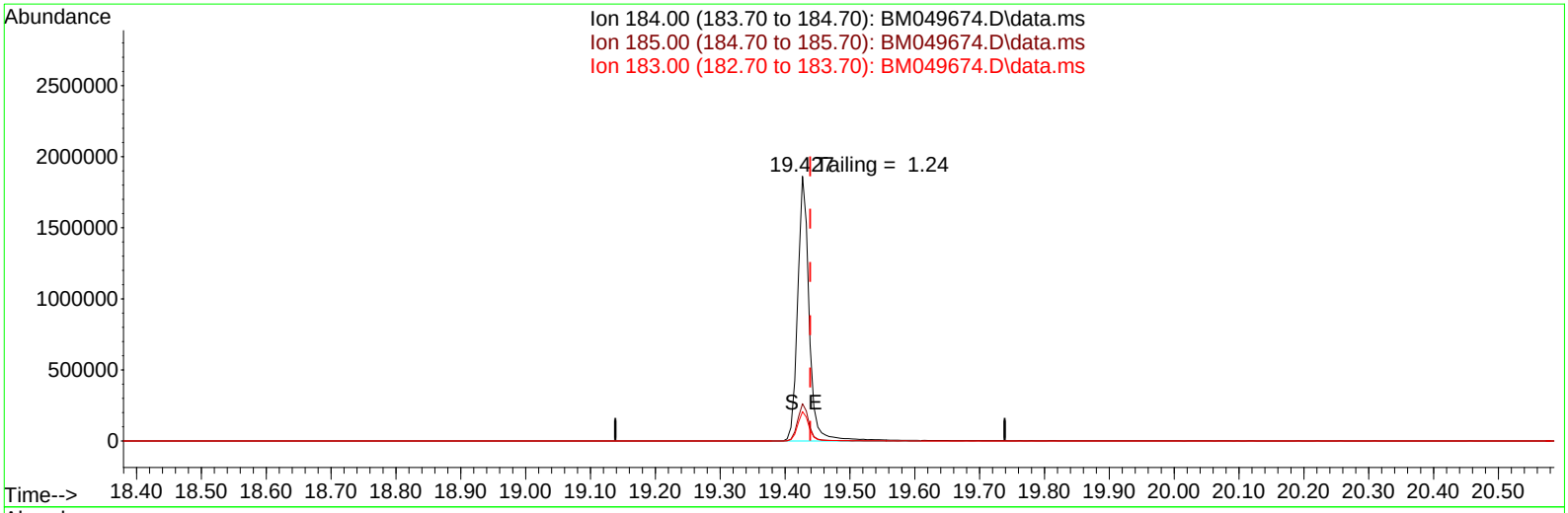
response 486633

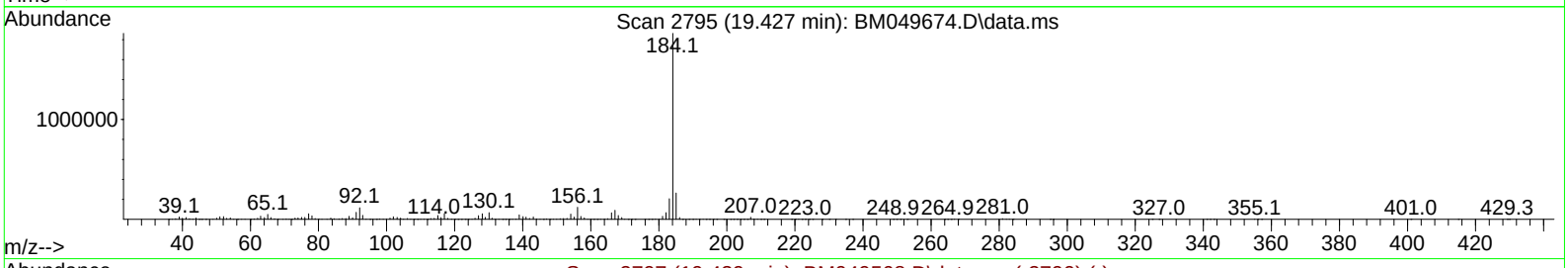
Ion	Exp%	Act%
265.70	100.00	100.00
268.00	63.50	64.87
264.00	62.50	63.84
0.00	0.00	0.00

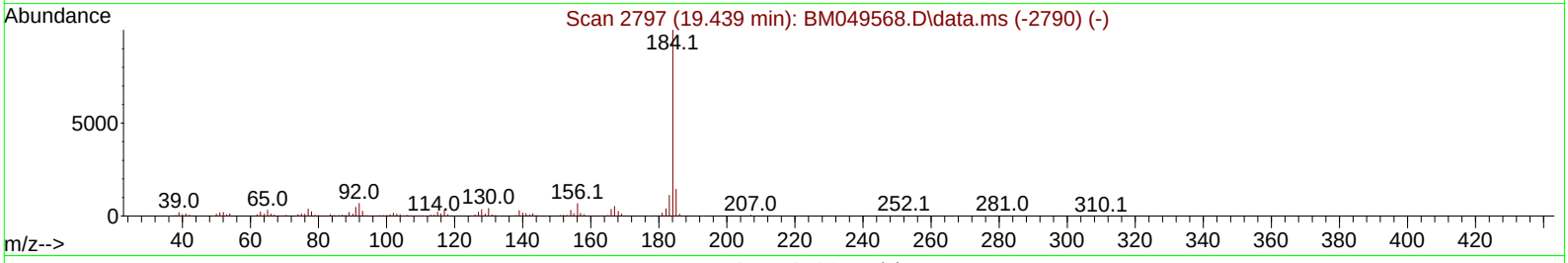
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022825\
Data File : BM049674.D
Acq On : 28 Feb 2025 09:17
Operator : RC/JU
Sample : DFTPP
Misc :
ALS Vial : 1 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DFTPP

Quant Time: Feb 28 18:13:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 04:55:28 2025
Response via : Initial Calibration







TIC: BM049674.D\data.ms

(77) Benzidine

19.427min (-0.012) 109569.14 ng

response 2304454

Ion	Exp%	Act%
184.00	100.00	100.00
185.00	14.50	14.11
183.00	11.10	11.11
0.00	0.00	0.00

Raw Data: **BM049680.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:	PB166933BL	SDG No.:	Q1456
Lab Sample ID:	PB166933BL	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
BM049680.D	1	02/28/25 08:40	02/28/25 15:52	PB166933

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
62-75-9	n-Nitrosodimethylamine	1.00	U	1.00	10.0	ug/L
108-95-2	Phenol	0.93	U	0.93	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.20	U	1.20	5.00	ug/L
95-57-8	2-Chlorophenol	0.71	U	0.71	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.40	U	1.40	5.00	ug/L
621-64-7	n-Nitroso-di-n-propylamine	1.50	U	1.50	5.00	ug/L
67-72-1	Hexachloroethane	1.00	U	1.00	5.00	ug/L
98-95-3	Nitrobenzene	1.30	U	1.30	5.00	ug/L
78-59-1	Isophorone	1.10	U	1.10	5.00	ug/L
88-75-5	2-Nitrophenol	2.00	U	2.00	5.00	ug/L
105-67-9	2,4-Dimethylphenol	1.50	U	1.50	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	1.00	U	1.00	5.00	ug/L
120-83-2	2,4-Dichlorophenol	0.88	U	0.88	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.10	U	1.10	5.00	ug/L
91-20-3	Naphthalene	1.00	U	1.00	5.00	ug/L
87-68-3	Hexachlorobutadiene	1.30	U	1.30	5.00	ug/L
59-50-7	4-Chloro-3-methylphenol	0.84	U	0.84	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	5.00	U	5.00	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	0.89	U	0.89	5.00	ug/L
91-58-7	2-Chloronaphthalene	0.97	U	0.97	5.00	ug/L
131-11-3	Dimethylphthalate	0.93	U	0.93	5.00	ug/L
208-96-8	Acenaphthylene	1.00	U	1.00	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	1.20	U	1.20	5.00	ug/L
83-32-9	Acenaphthene	0.81	U	0.81	5.00	ug/L
51-28-5	2,4-Dinitrophenol	6.40	U	6.40	10.0	ug/L
100-02-7	4-Nitrophenol	2.00	U	2.00	10.0	ug/L
121-14-2	2,4-Dinitrotoluene	1.50	U	1.50	5.00	ug/L
84-66-2	Diethylphthalate	1.00	U	1.00	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.98	U	0.98	5.00	ug/L

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

Report of Analysis

Client:	Ardmore Chemical			Date Collected:	
Project:	PVSC Monthly 2025			Date Received:	
Client Sample ID:	PB166933BL			SDG No.:	Q1456
Lab Sample ID:	PB166933BL			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
BM049680.D	1	02/28/25 08:40	02/28/25 15:52	PB166933

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
86-73-7	Fluorene	0.96	U	0.96	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.10	U	3.10	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	0.89	U	0.89	5.00	ug/L
103-33-3	Azobenzene	1.20	U	1.20	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	0.95	U	0.95	5.00	ug/L
118-74-1	Hexachlorobenzene	1.10	U	1.10	5.00	ug/L
87-86-5	Pentachlorophenol	1.90	U	1.90	10.0	ug/L
85-01-8	Phenanthrene	0.89	U	0.89	5.00	ug/L
120-12-7	Anthracene	1.10	U	1.10	5.00	ug/L
84-74-2	Di-n-butylphthalate	1.50	U	1.50	5.00	ug/L
206-44-0	Fluoranthene	1.30	U	1.30	5.00	ug/L
92-87-5	Benzidine	4.10	U	4.10	10.0	ug/L
129-00-0	Pyrene	1.10	U	1.10	5.00	ug/L
85-68-7	Butylbenzylphthalate	2.10	U	2.10	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	1.30	U	1.30	10.0	ug/L
56-55-3	Benzo(a)anthracene	0.94	U	0.94	5.00	ug/L
218-01-9	Chrysene	0.86	U	0.86	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.90	U	1.90	5.00	ug/L
117-84-0	Di-n-octyl phthalate	2.50	U	2.50	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	1.10	U	1.10	5.00	ug/L
207-08-9	Benzo(k)fluoranthene	1.20	U	1.20	5.00	ug/L
50-32-8	Benzo(a)pyrene	1.70	U	1.70	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.00	U	1.00	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.20	U	1.20	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	1.20	U	1.20	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	102		60 - 140	102%	SPK: 100
13127-88-3	Phenol-d6	92.4		60 - 140	92%	SPK: 100
4165-60-0	Nitrobenzene-d5	109		60 - 140	109%	SPK: 100
321-60-8	2-Fluorobiphenyl	116		60 - 140	116%	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:	PB166933BL			SDG No.:	Q1456
Lab Sample ID:	PB166933BL			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
BM049680.D	1	02/28/25 08:40	02/28/25 15:52	PB166933

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	96.2		60 - 140	96%	SPK: 100
1718-51-0	Terphenyl-d14	130		60 - 140	130%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	268000	7.805			
1146-65-2	Naphthalene-d8	882000	10.599			
15067-26-2	Acenaphthene-d10	497000	14.439			
1517-22-2	Phenanthrene-d10	898000	17.18			
1719-03-5	Chrysene-d12	738000	21.415			
1520-96-3	Perylene-d12	796000	24.433			

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_M\Data\BM022825\
Data File : BM049680.D
Acq On : 28 Feb 2025 15:52
Operator : RC/JU
Sample : PB166933BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB166933BL

Quant Time: Feb 28 16:39:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 04:55:28 2025
Response via : Initial Calibration

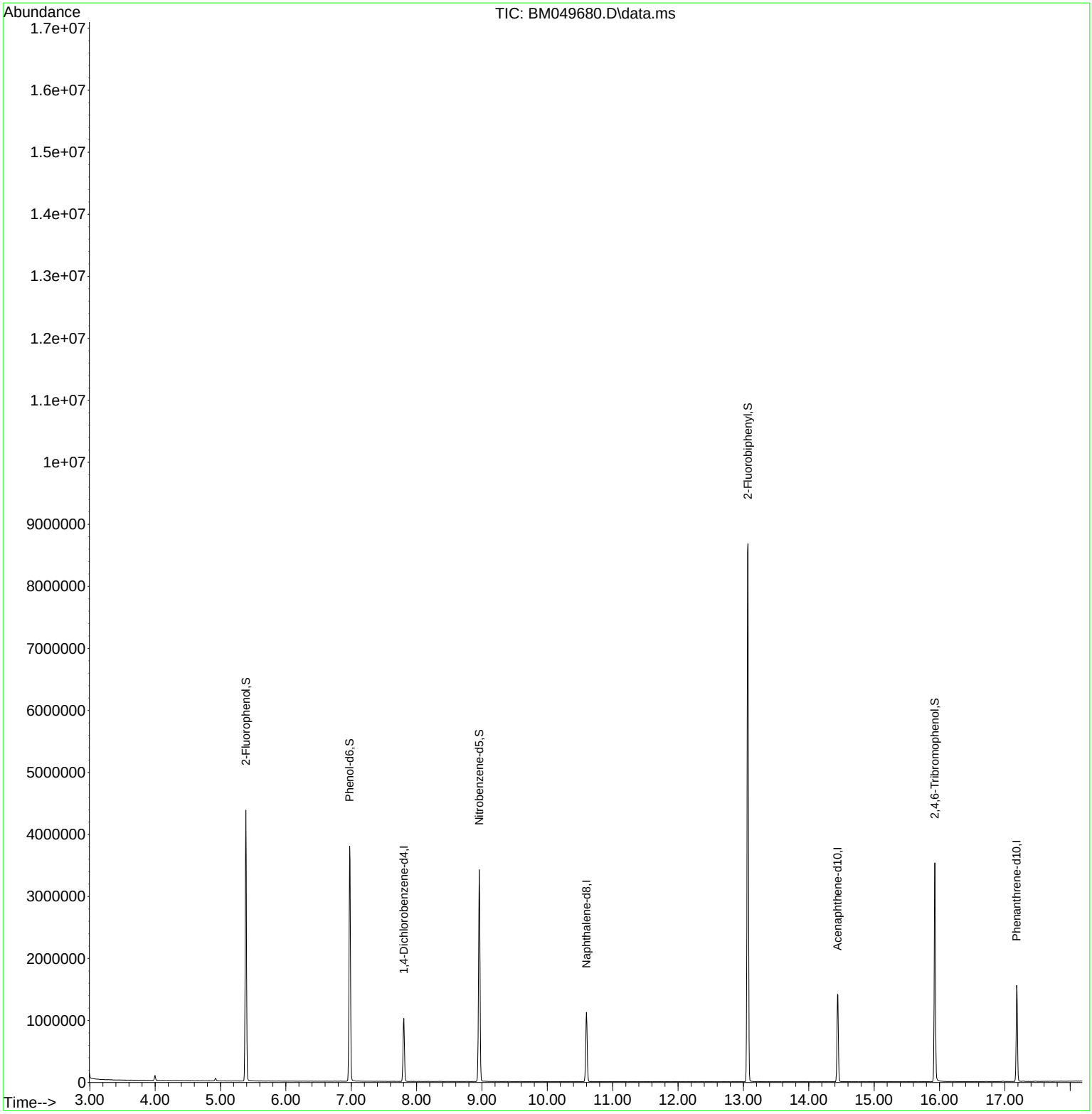
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	267882	20.000	ng	-0.02
21) Naphthalene-d8	10.599	136	881999	20.000	ng	-0.03
39) Acenaphthene-d10	14.439	164	497065	20.000	ng	-0.03
64) Phenanthrene-d10	17.180	188	897905	20.000	ng	-0.02
76) Chrysene-d12	21.415	240	738243	20.000	ng	-0.03
86) Perylene-d12	24.433	264	796061	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	1694874	101.743	ng	0.00
7) Phenol-d6	6.975	99	2016933	92.416	ng	0.00
23) Nitrobenzene-d5	8.957	82	1870101	109.062	ng	-0.02
42) 2,4,6-Tribromophenol	15.928	330	566821	96.238	ng	-0.02
45) 2-Fluorobiphenyl	13.069	172	4454073	116.082	ng	-0.02
79) Terphenyl-d14	19.810	244	6284003	129.983	ng	-0.02
Target Compounds						Qvalue

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022825\
Data File : BM049680.D
Acq On : 28 Feb 2025 15:52
Operator : RC/JU
Sample : PB166933BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB166933BL

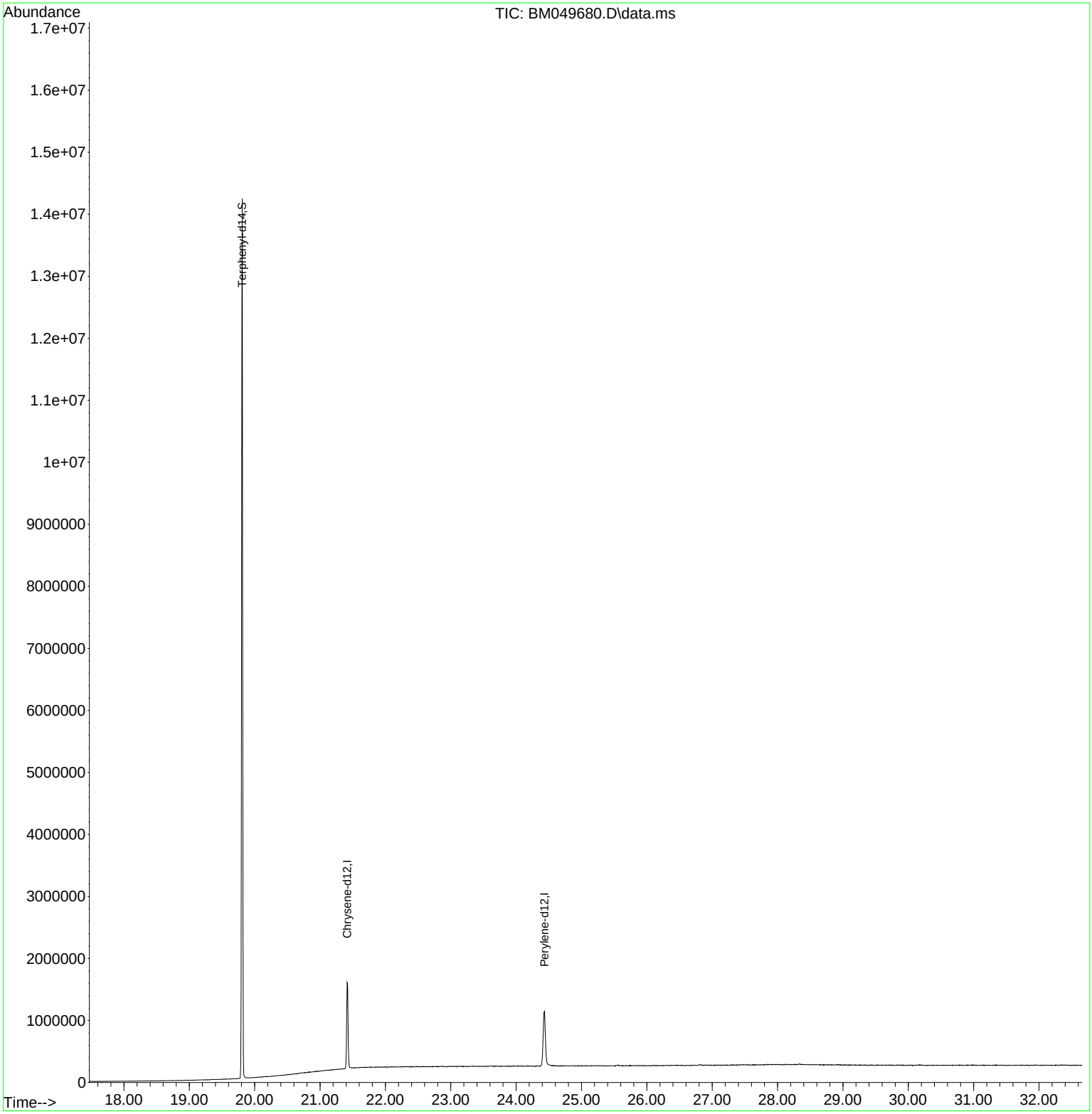
Quant Time: Feb 28 16:39:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 04:55:28 2025
Response via : Initial Calibration

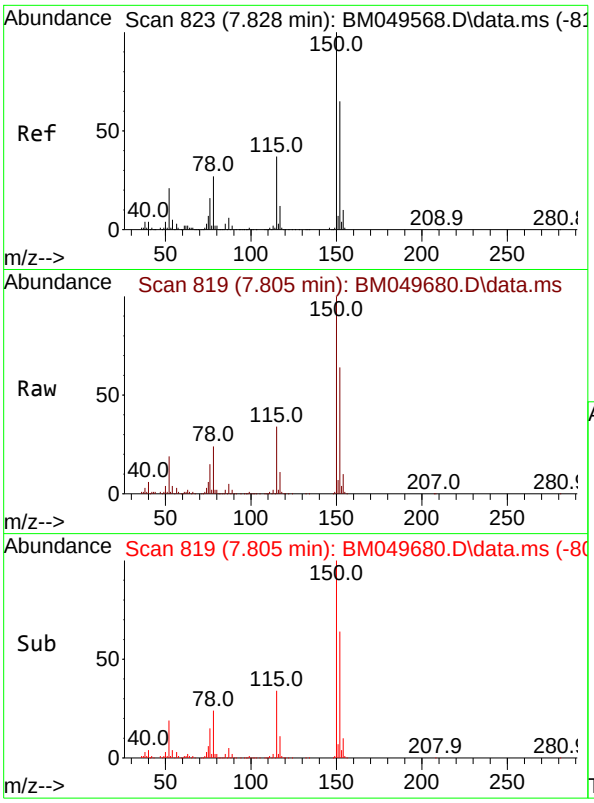


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022825\
Data File : BM049680.D
Acq On : 28 Feb 2025 15:52
Operator : RC/JU
Sample : PB166933BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB166933BL

Quant Time: Feb 28 16:39:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 04:55:28 2025
Response via : Initial Calibration



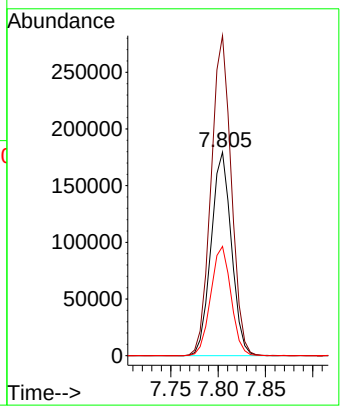


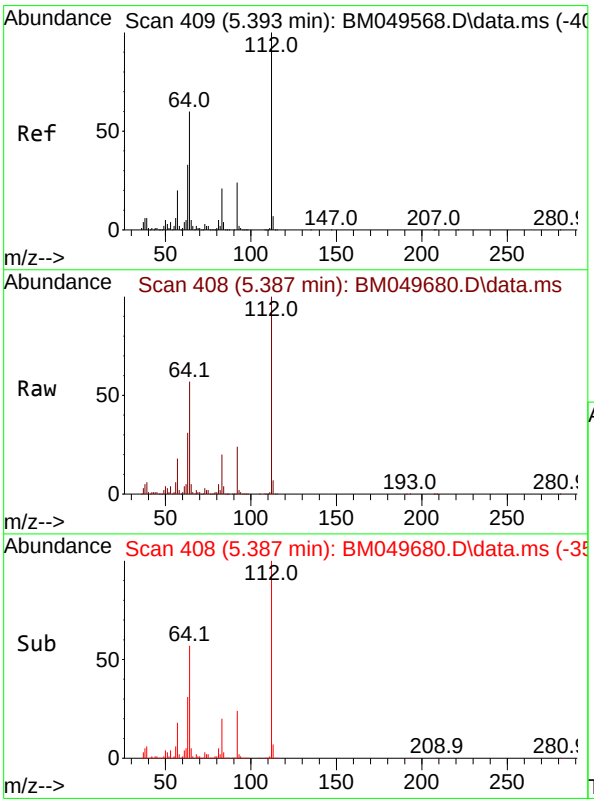
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.805 min Scan# 81
Delta R.T. -0.023 min
Lab File: BM049680.D
Acq: 28 Feb 2025 15:52

Instrument :
BNA_M
ClientSampleId :
PB166933BL

Tgt Ion:152 Resp: 267882

Ion	Ratio	Lower	Upper
152	100		
150	157.2	122.6	184.0
115	53.7	45.4	68.0

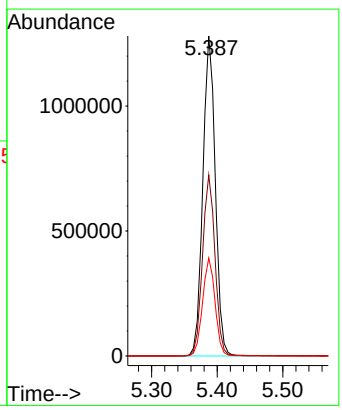


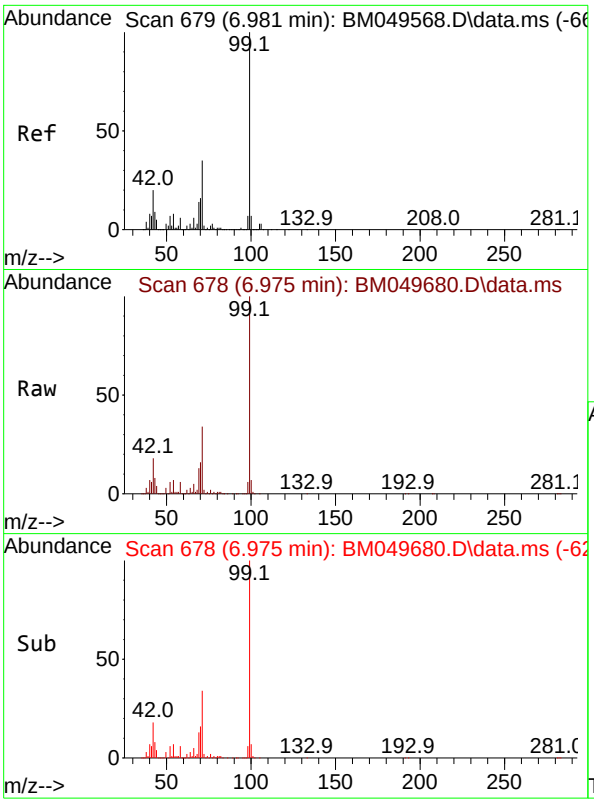


#5
2-Fluorophenol
Concen: 101.743 ng
RT: 5.387 min Scan# 408
Delta R.T. -0.005 min
Lab File: BM049680.D
Acq: 28 Feb 2025 15:52

Tgt Ion:112 Resp: 1694874

Ion	Ratio	Lower	Upper
112	100		
64	56.6	47.8	71.8
63	30.6	26.2	39.4



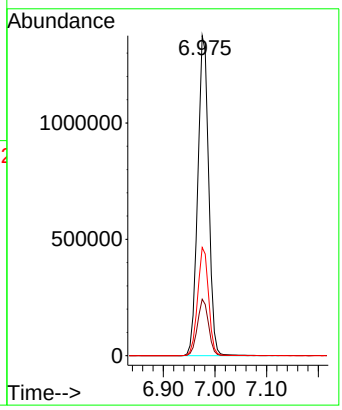


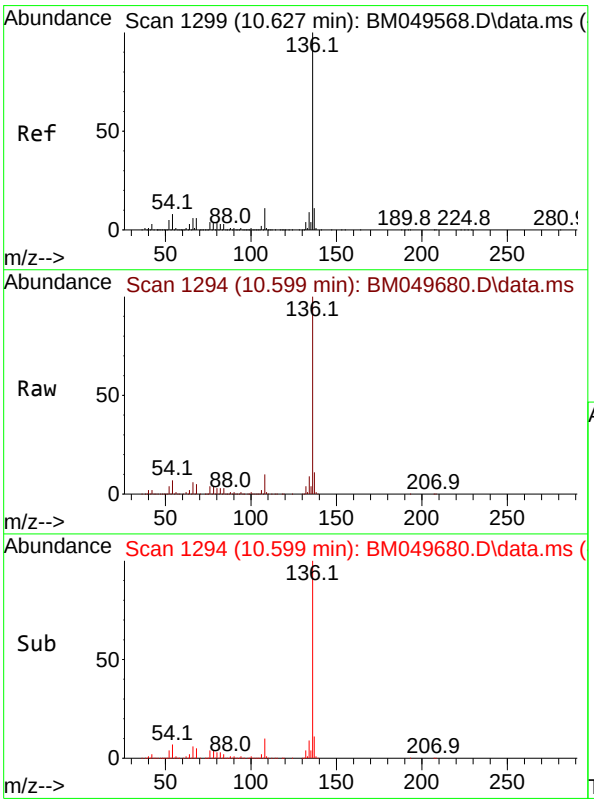
#7
Phenol-d6
Concen: 92.416 ng
RT: 6.975 min Scan# 6
Delta R.T. -0.005 min
Lab File: BM049680.D
Acq: 28 Feb 2025 15:52

Instrument :
BNA_M
ClientSampleId :
PB166933BL

Tgt Ion: 99 Resp: 2016933

Ion	Ratio	Lower	Upper
99	100		
42	17.7	16.0	24.0
71	33.8	27.8	41.6

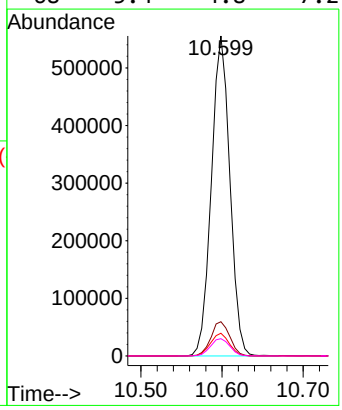


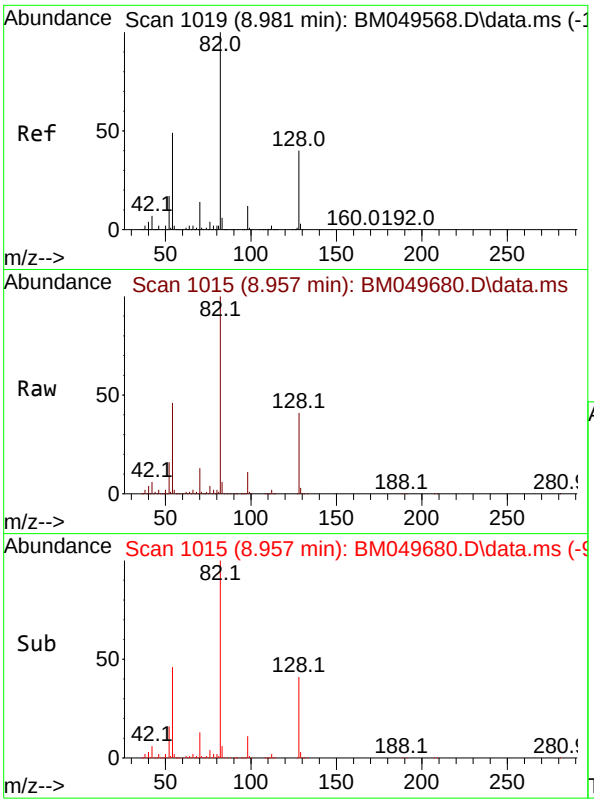


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.599 min Scan# 1294
Delta R.T. -0.029 min
Lab File: BM049680.D
Acq: 28 Feb 2025 15:52

Tgt Ion:136 Resp: 881999

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	7.1	6.6	10.0
68	5.4	4.8	7.2



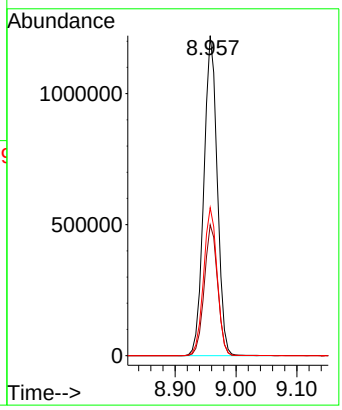


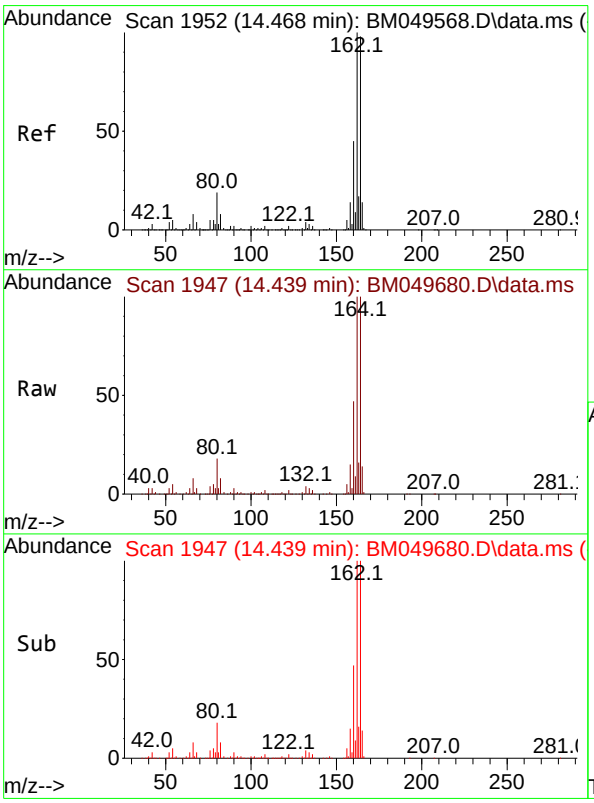
#23
Nitrobenzene-d5
Concen: 109.062 ng
RT: 8.957 min Scan# 1(
Delta R.T. -0.023 min
Lab File: BM049680.D
Acq: 28 Feb 2025 15:52

Instrument :
BNA_M
ClientSampleId :
PB166933BL

Tgt Ion: 82 Resp: 1870101

Ion	Ratio	Lower	Upper
82	100		
128	40.9	31.6	47.4
54	46.3	39.4	59.0

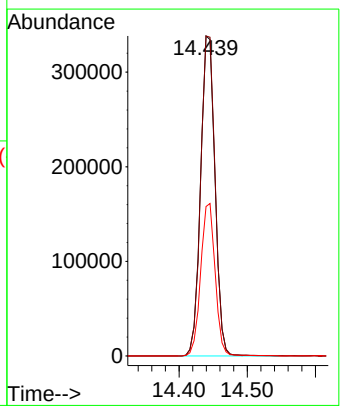


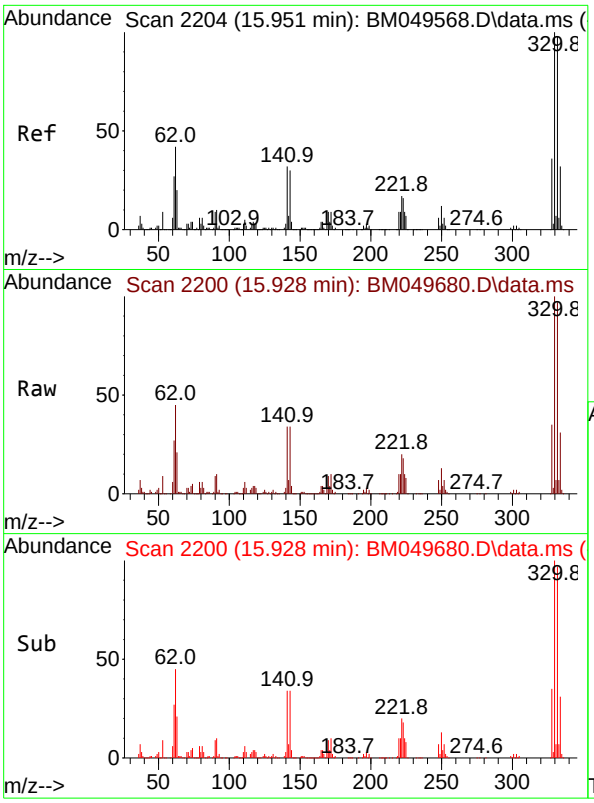


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.439 min Scan# 1947
Delta R.T. -0.029 min
Lab File: BM049680.D
Acq: 28 Feb 2025 15:52

Tgt Ion:164 Resp: 497065

Ion	Ratio	Lower	Upper
164	100		
162	100.0	81.4	122.0
160	46.7	36.2	54.4



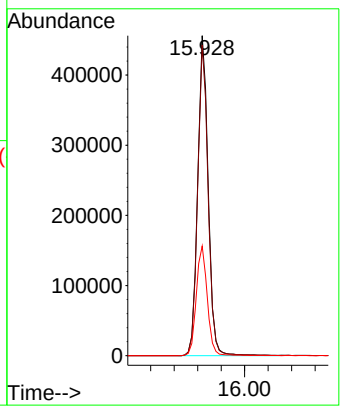


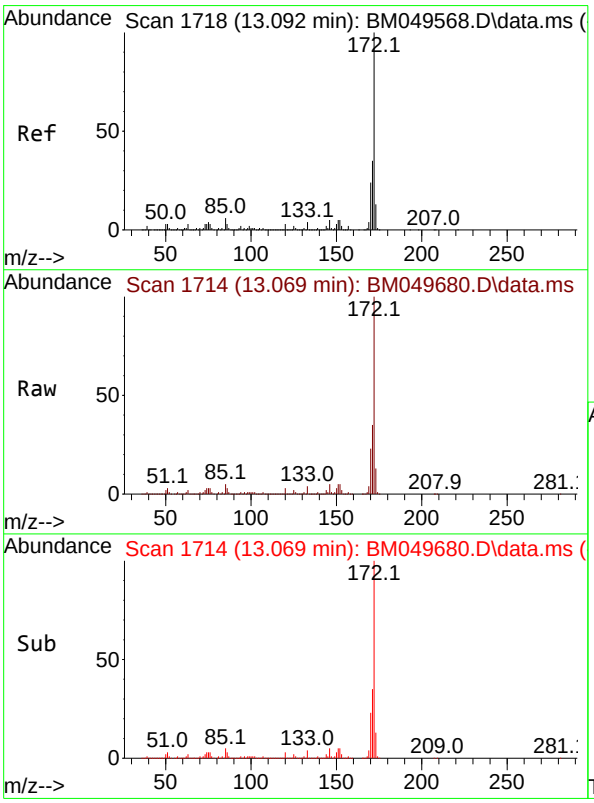
#42
2,4,6-Tribromophenol
Concen: 96.238 ng
RT: 15.928 min Scan# 2
Delta R.T. -0.023 min
Lab File: BM049680.D
Acq: 28 Feb 2025 15:52

Instrument :
BNA_M
ClientSampleId :
PB166933BL

Tgt Ion:330 Resp: 566821

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.3	115.9
141	35.8	28.2	42.2

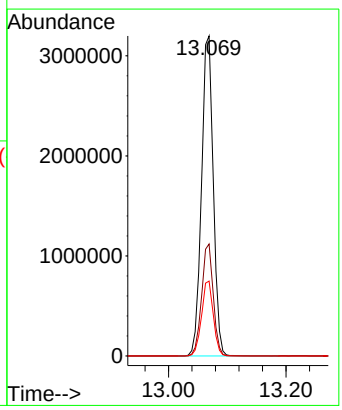


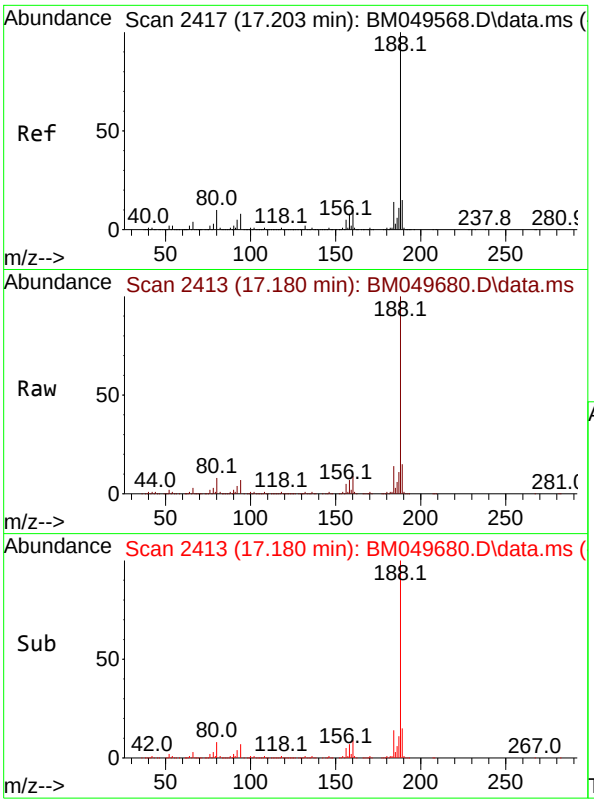


#45
2-Fluorobiphenyl
Concen: 116.082 ng
RT: 13.069 min Scan# 1714
Delta R.T. -0.023 min
Lab File: BM049680.D
Acq: 28 Feb 2025 15:52

Tgt Ion:172 Resp: 4454073

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.0	42.0
170	23.4	19.0	28.4



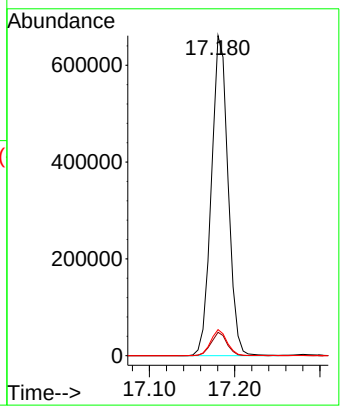


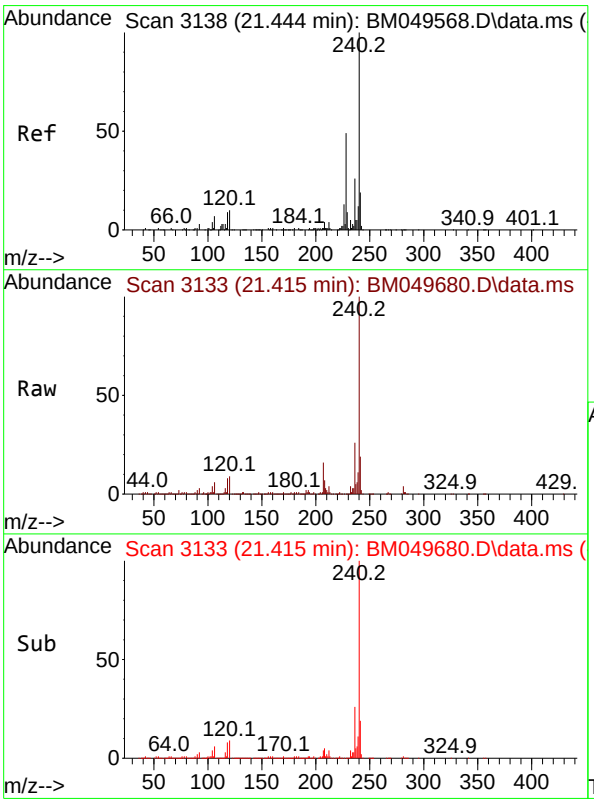
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.180 min Scan# 24
Delta R.T. -0.023 min
Lab File: BM049680.D
Acq: 28 Feb 2025 15:52

Instrument :
BNA_M
ClientSampleId :
PB166933BL

Tgt Ion:188 Resp: 897905

Ion	Ratio	Lower	Upper
188	100		
94	7.3	6.7	10.1
80	8.2	7.7	11.5

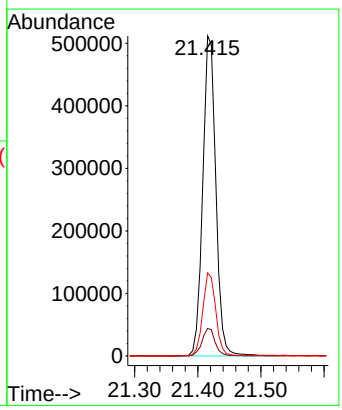


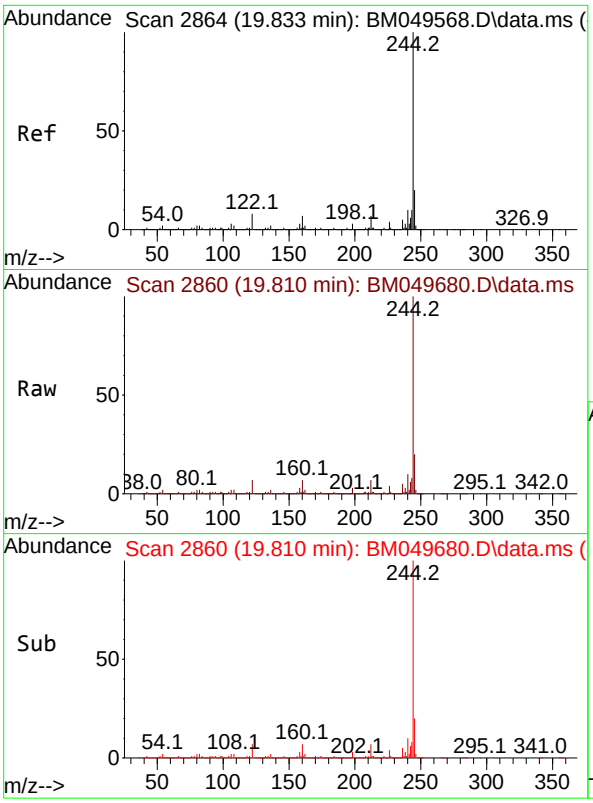


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.415 min Scan# 3133
Delta R.T. -0.029 min
Lab File: BM049680.D
Acq: 28 Feb 2025 15:52

Tgt Ion:240 Resp: 738243

Ion	Ratio	Lower	Upper
240	100		
120	8.6	7.8	11.8
236	26.0	20.6	31.0



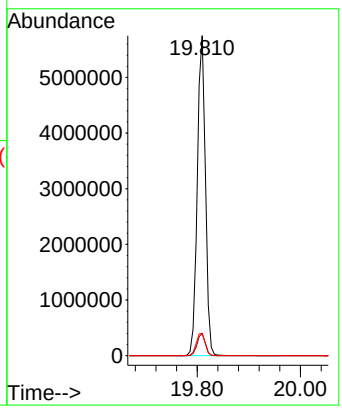


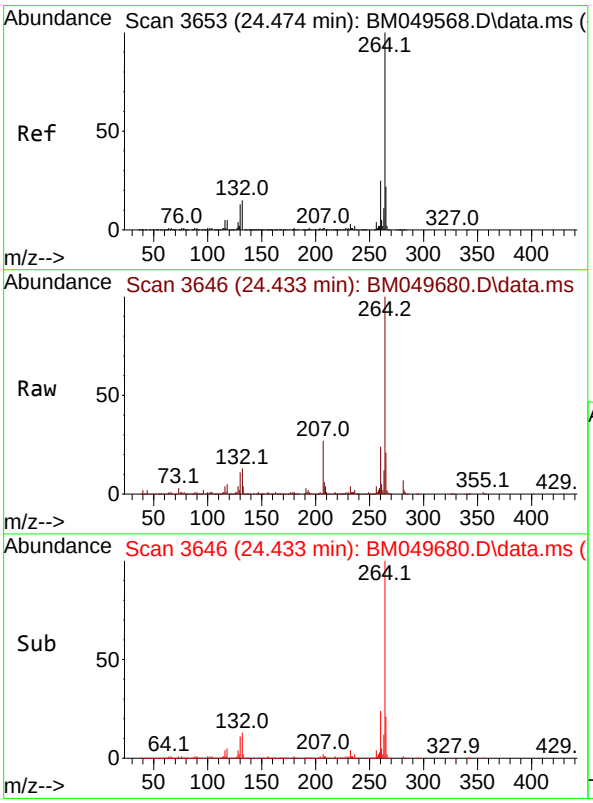
#79
Terphenyl-d14
Concen: 129.983 ng
RT: 19.810 min Scan# 2
Delta R.T. -0.023 min
Lab File: BM049680.D
Acq: 28 Feb 2025 15:52

Instrument :
BNA_M
ClientSampleId :
PB166933BL

Tgt Ion:244 Resp: 6284003

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.6
122	7.0	6.2	9.2

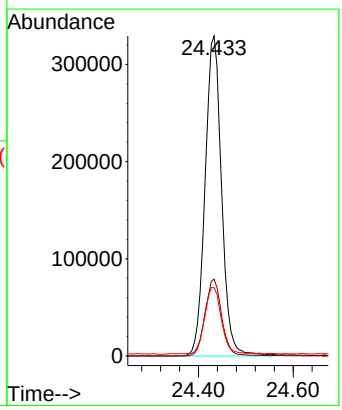




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.433 min Scan# 3646
Delta R.T. -0.041 min
Lab File: BM049680.D
Acq: 28 Feb 2025 15:52

Tgt Ion:264 Resp: 796061

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.8	29.6
265	21.3	17.5	26.3



Raw Data: **BM049678.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:	PB166933BS	SDG No.:	Q1456
Lab Sample ID:	PB166933BS	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
BM049678.D	1	02/28/25 08:40	02/28/25 14:33	PB166933

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
62-75-9	n-Nitrosodimethylamine	38.0		1.00	10.0	ug/L
108-95-2	Phenol	42.1		0.93	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	41.1		1.20	5.00	ug/L
95-57-8	2-Chlorophenol	42.3		0.71	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	37.5		1.40	5.00	ug/L
621-64-7	n-Nitroso-di-n-propylamine	38.7		1.50	5.00	ug/L
67-72-1	Hexachloroethane	43.5		1.00	5.00	ug/L
98-95-3	Nitrobenzene	44.5		1.30	5.00	ug/L
78-59-1	Isophorone	41.6		1.10	5.00	ug/L
88-75-5	2-Nitrophenol	52.3		2.00	5.00	ug/L
105-67-9	2,4-Dimethylphenol	53.8		1.50	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	42.3		1.00	5.00	ug/L
120-83-2	2,4-Dichlorophenol	48.1		0.88	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	46.6		1.10	5.00	ug/L
91-20-3	Naphthalene	42.3		1.00	5.00	ug/L
87-68-3	Hexachlorobutadiene	49.3		1.30	5.00	ug/L
59-50-7	4-Chloro-3-methylphenol	41.5		0.84	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	290	E	5.00	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	53.7		0.89	5.00	ug/L
91-58-7	2-Chloronaphthalene	46.4		0.97	5.00	ug/L
131-11-3	Dimethylphthalate	43.2		0.93	5.00	ug/L
208-96-8	Acenaphthylene	46.8		1.00	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	50.6		1.20	5.00	ug/L
83-32-9	Acenaphthene	50.3		0.81	5.00	ug/L
51-28-5	2,4-Dinitrophenol	120	E	6.40	10.0	ug/L
100-02-7	4-Nitrophenol	110	E	2.00	10.0	ug/L
121-14-2	2,4-Dinitrotoluene	49.7		1.50	5.00	ug/L
84-66-2	Diethylphthalate	40.6		1.00	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	44.1		0.98	5.00	ug/L

Raw Data: **BM049678.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:	PB166933BS	SDG No.:	Q1456
Lab Sample ID:	PB166933BS	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
BM049678.D	1	02/28/25 08:40	02/28/25 14:33	PB166933

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
86-73-7	Fluorene	43.7		0.96	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	65.6		3.10	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	46.4		0.89	5.00	ug/L
103-33-3	Azobenzene	37.6		1.20	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	46.3		0.95	5.00	ug/L
118-74-1	Hexachlorobenzene	45.4		1.10	5.00	ug/L
87-86-5	Pentachlorophenol	91.1	E	1.90	10.0	ug/L
85-01-8	Phenanthrene	46.0		0.89	5.00	ug/L
120-12-7	Anthracene	46.8		1.10	5.00	ug/L
84-74-2	Di-n-butylphthalate	40.5		1.50	5.00	ug/L
206-44-0	Fluoranthene	43.6		1.30	5.00	ug/L
92-87-5	Benzidine	130	E	4.10	10.0	ug/L
129-00-0	Pyrene	42.8		1.10	5.00	ug/L
85-68-7	Butylbenzylphthalate	44.6		2.10	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	39.6		1.30	10.0	ug/L
56-55-3	Benzo(a)anthracene	46.5		0.94	5.00	ug/L
218-01-9	Chrysene	45.9		0.86	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	41.3		1.90	5.00	ug/L
117-84-0	Di-n-octyl phthalate	40.1		2.50	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	42.6		1.10	5.00	ug/L
207-08-9	Benzo(k)fluoranthene	45.8		1.20	5.00	ug/L
50-32-8	Benzo(a)pyrene	52.3		1.70	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	68.3		1.00	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	71.6		1.20	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	59.4		1.20	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	97.6		60 - 140	98%	SPK: 100
13127-88-3	Phenol-d6	90.5		60 - 140	90%	SPK: 100
4165-60-0	Nitrobenzene-d5	102		60 - 140	102%	SPK: 100
321-60-8	2-Fluorobiphenyl	107		60 - 140	107%	SPK: 100

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Fax : 908 789 8922

Report of Analysis

Client:	Ardmore Chemical			Date Collected:	
Project:	PVSC Monthly 2025			Date Received:	
Client Sample ID:	PB166933BS			SDG No.:	Q1456
Lab Sample ID:	PB166933BS			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
BM049678.D	1	02/28/25 08:40	02/28/25 14:33	PB166933

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	106		60 - 140	106%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	268000	7.805			
1146-65-2	Naphthalene-d8	913000	10.599			
15067-26-2	Acenaphthene-d10	539000	14.445			
1517-22-2	Phenanthrene-d10	982000	17.186			
1719-03-5	Chrysene-d12	943000	21.421			
1520-96-3	Perylene-d12	930000	24.433			

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_M\Data\BM022825\
Data File : BM049678.D
Acq On : 28 Feb 2025 14:33
Operator : RC/JU
Sample : PB166933BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB166933BS

Quant Time: Feb 28 15:32:14 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 04:55:28 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	268342	20.000	ng	-0.02
21) Naphthalene-d8	10.599	136	912905	20.000	ng	-0.03
39) Acenaphthene-d10	14.445	164	538676	20.000	ng	-0.02
64) Phenanthrene-d10	17.186	188	982355	20.000	ng	-0.02
76) Chrysene-d12	21.421	240	942998	20.000	ng	-0.02
86) Perylene-d12	24.433	264	930406	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	1628736	97.605	ng	0.00
7) Phenol-d6	6.981	99	1977924	90.473	ng	0.00
23) Nitrobenzene-d5	8.963	82	1807684	101.853	ng	-0.02
42) 2,4,6-Tribromophenol	15.933	330	660737	103.517	ng	-0.02
45) 2-Fluorobiphenyl	13.069	172	4446509	106.933	ng	-0.02
79) Terphenyl-d14	19.810	244	6546627	106.013	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.281	88	289204	41.219	ng	95
3) Pyridine	3.681	79	712932	36.566	ng	95
4) n-Nitrosodimethylamine	3.587	42	346808	38.018	ng	89
6) Aniline	7.128	93	654862	31.605	ng	96
8) 2-Chlorophenol	7.375	128	705320	42.330	ng	96
9) Benzaldehyde	6.940	77	274895	23.747	ng	97
10) Phenol	7.005	94	905870	42.069	ng	99
11) bis(2-Chloroethyl)ether	7.228	93	716064	41.104	ng	99
12) 1,3-Dichlorobenzene	7.693	146	848684	43.881	ng	97
13) 1,4-Dichlorobenzene	7.840	146	856950	43.805	ng	98
14) 1,2-Dichlorobenzene	8.157	146	816031	43.201	ng	98
15) Benzyl Alcohol	8.046	79	590465	38.822	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.328	45	879783m	37.515	ng	
17) 2-Methylphenol	8.257	107	556214	42.245	ng	95
18) Hexachloroethane	8.887	117	310675	43.477	ng	96
19) n-Nitroso-di-n-propyla...	8.610	70	554050	38.701	ng	94
20) 3+4-Methylphenols	8.581	107	739342	42.537	ng	98
22) Acetophenone	8.622	105	1177810	47.901	ng	98
24) Nitrobenzene	8.999	77	767415	44.505	ng	99
25) Isophorone	9.528	82	1331200	41.590	ng	99
26) 2-Nitrophenol	9.710	139	316616	52.308	ng	97
27) 2,4-Dimethylphenol	9.781	122	544352	53.787	ng	98
28) bis(2-Chloroethoxy)met...	10.010	93	871668	42.283	ng	99
29) 2,4-Dichlorophenol	10.251	162	670709	48.122	ng	98
30) 1,2,4-Trichlorobenzene	10.463	180	795190	46.568	ng	98
31) Naphthalene	10.651	128	2037164	42.311	ng	100
32) Benzoic acid	9.910	122	358826	54.252	ng	99
33) 4-Chloroaniline	10.757	127	331031	18.369	ng	98
34) Hexachlorobutadiene	10.946	225	504382	49.325	ng	99
35) Caprolactam	11.540	113	176189	41.437	ng	91
36) 4-Chloro-3-methylphenol	11.893	107	576986	41.511	ng	95
37) 2-Methylnaphthalene	12.263	142	1384744	40.849	ng	100
38) 1-Methylnaphthalene	12.481	142	1346549	40.827	ng	99
40) 1,2,4,5-Tetrachloroben...	12.634	216	1046148	59.068	ng	99
41) Hexachlorocyclopentadiene	12.622	237	1300090	287.547	ng	98
43) 2,4,6-Trichlorophenol	12.875	196	519100	53.712	ng	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022825\
Data File : BM049678.D
Acq On : 28 Feb 2025 14:33
Operator : RC/JU
Sample : PB166933BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB166933BS

Quant Time: Feb 28 15:32:14 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 04:55:28 2025
Response via : Initial Calibration

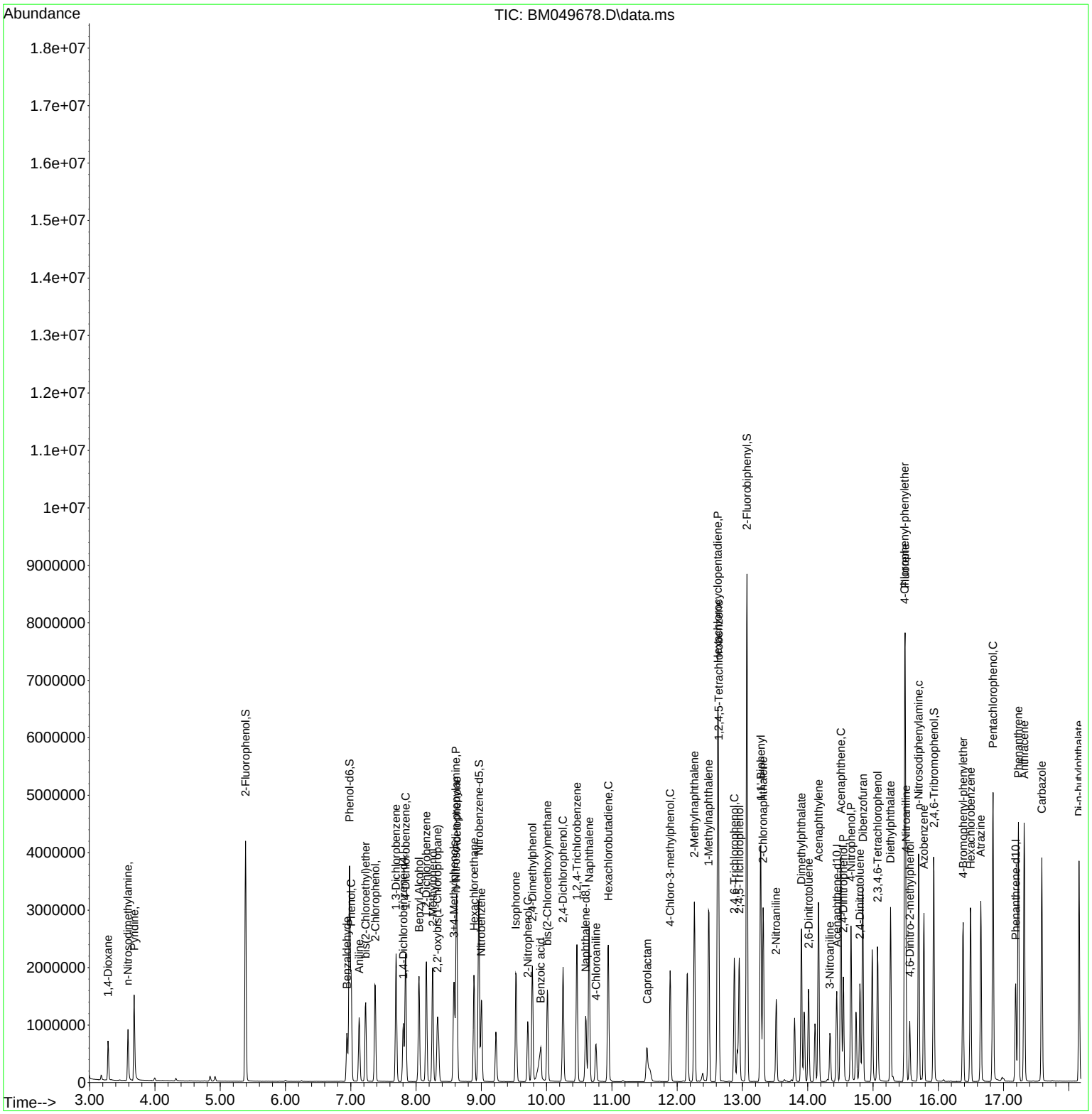
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.951	196	562485	52.960	ng		97
46) 1,1'-Biphenyl	13.281	154	2096514	51.019	ng		98
47) 2-Chloronaphthalene	13.316	162	1474025	46.362	ng		99
48) 2-Nitroaniline	13.516	65	355890	42.932	ng		98
49) Acenaphthylene	14.169	152	2192096	46.758	ng		98
50) Dimethylphthalate	13.904	163	1670447	43.181	ng		100
51) 2,6-Dinitrotoluene	14.016	165	338880	50.625	ng		89
52) Acenaphthene	14.510	154	1564633m	50.280	ng		
53) 3-Nitroaniline	14.339	138	192148	28.193	ng	#	97
54) 2,4-Dinitrophenol	14.545	184	366816	115.277	ng	#	73
55) Dibenzofuran	14.845	168	2139633	43.181	ng		98
56) 4-Nitrophenol	14.663	139	631980	110.002	ng		93
57) 2,4-Dinitrotoluene	14.798	165	469749	49.720	ng		92
58) Fluorene	15.492	166	1853371	43.724	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.069	232	458599	51.108	ng		95
60) Diethylphthalate	15.269	149	1580275	40.647	ng		99
61) 4-Chlorophenyl-phenyle...	15.486	204	995696	44.133	ng		99
62) 4-Nitroaniline	15.504	138	351385	40.558	ng		97
63) Azobenzene	15.781	77	1527745	37.648	ng		96
65) 4,6-Dinitro-2-methylph...	15.563	198	220506	65.568	ng		90
66) n-Nitrosodiphenylamine	15.698	169	1437704	46.407	ng		100
67) 4-Bromophenyl-phenylether	16.380	248	528445	46.304	ng		96
68) Hexachlorobenzene	16.498	284	594929	45.419	ng		97
69) Atrazine	16.651	200	536347	58.239	ng		99
70) Pentachlorophenol	16.839	266	815419	91.054	ng		99
71) Phenanthrene	17.227	178	2574399	46.001	ng		100
72) Anthracene	17.316	178	2591267	46.762	ng		100
73) Carbazole	17.586	167	2283771	46.956	ng		100
74) Di-n-butylphthalate	18.157	149	2500669	40.521	ng		100
75) Fluoranthene	19.239	202	2856890	43.603	ng		100
77) Benzidine	19.421	184	1073962	128.606	ng		100
78) Pyrene	19.604	202	3024177	42.830	ng		100
80) Butylbenzylphthalate	20.510	149	979209	44.568	ng		91
81) Benzo(a)anthracene	21.404	228	2968954	46.456	ng		100
82) 3,3'-Dichlorobenzidine	21.327	252	681339	39.619	ng		99
83) Chrysene	21.468	228	2749637	45.922	ng		100
84) Bis(2-ethylhexyl)phtha...	21.339	149	1554380	41.268	ng		97
85) Di-n-octyl phthalate	22.480	149	2382624	40.097	ng		95
87) Indeno(1,2,3-cd)pyrene	27.839	276	3469819	68.288	ng		98
88) Benzo(b)fluoranthene	23.486	252	2723996	42.558	ng		100
89) Benzo(k)fluoranthene	23.551	252	2848186	45.815	ng		99
90) Benzo(a)pyrene	24.298	252	2654276	52.329	ng		98
91) Dibenzo(a,h)anthracene	27.903	278	2874892	71.588	ng		98
92) Benzo(g,h,i)perylene	28.903	276	2663202	59.367	ng		98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022825\
Data File : BM049678.D
Acq On : 28 Feb 2025 14:33
Operator : RC/JU
Sample : PB166933BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB166933BS

Quant Time: Feb 28 15:32:14 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 04:55:28 2025
Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022825\
Data File : BM049678.D
Acq On : 28 Feb 2025 14:33
Operator : RC/JU
Sample : PB166933BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB166933BS

Quant Time: Feb 28 15:32:14 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 04:55:28 2025
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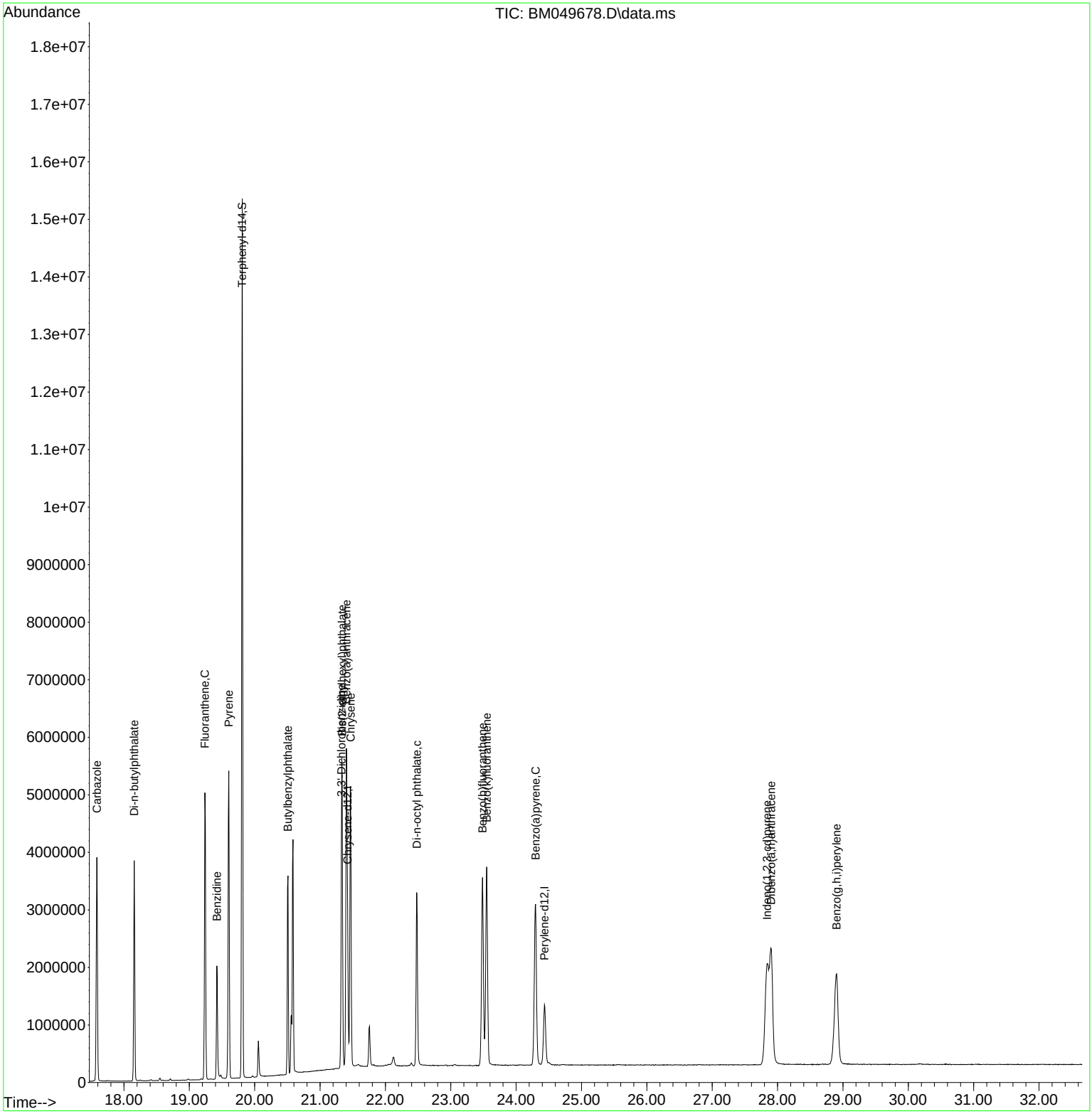

Raw Data: **BM049679.D**

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:	PB166933BSD	SDG No.:	Q1456
Lab Sample ID:	PB166933BSD	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
BM049679.D	1	02/28/25 08:40	02/28/25 15:12	PB166933

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
62-75-9	n-Nitrosodimethylamine	36.7		1.00	10.0	ug/L
108-95-2	Phenol	39.9		0.93	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	39.2		1.20	5.00	ug/L
95-57-8	2-Chlorophenol	40.4		0.71	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	36.2		1.40	5.00	ug/L
621-64-7	n-Nitroso-di-n-propylamine	36.5		1.50	5.00	ug/L
67-72-1	Hexachloroethane	41.5		1.00	5.00	ug/L
98-95-3	Nitrobenzene	43.3		1.30	5.00	ug/L
78-59-1	Isophorone	41.1		1.10	5.00	ug/L
88-75-5	2-Nitrophenol	52.0		2.00	5.00	ug/L
105-67-9	2,4-Dimethylphenol	53.2		1.50	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	41.7		1.00	5.00	ug/L
120-83-2	2,4-Dichlorophenol	47.3		0.88	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	46.2		1.10	5.00	ug/L
91-20-3	Naphthalene	41.6		1.00	5.00	ug/L
87-68-3	Hexachlorobutadiene	49.1		1.30	5.00	ug/L
59-50-7	4-Chloro-3-methylphenol	40.6		0.84	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	280	E	5.00	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	52.5		0.89	5.00	ug/L
91-58-7	2-Chloronaphthalene	45.5		0.97	5.00	ug/L
131-11-3	Dimethylphthalate	42.1		0.93	5.00	ug/L
208-96-8	Acenaphthylene	45.4		1.00	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	49.4		1.20	5.00	ug/L
83-32-9	Acenaphthene	48.7		0.81	5.00	ug/L
51-28-5	2,4-Dinitrophenol	110	E	6.40	10.0	ug/L
100-02-7	4-Nitrophenol	110	E	2.00	10.0	ug/L
121-14-2	2,4-Dinitrotoluene	48.4		1.50	5.00	ug/L
84-66-2	Diethylphthalate	39.5		1.00	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	43.0		0.98	5.00	ug/L

Alliance TECHNICAL GROUP
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Fax : 908 789 8922

Report of Analysis

Client:	Ardmore Chemical			Date Collected:	
Project:	PVSC Monthly 2025			Date Received:	
Client Sample ID:	PB166933BSD			SDG No.:	Q1456
Lab Sample ID:	PB166933BSD			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
BM049679.D	1	02/28/25 08:40	02/28/25 15:12	PB166933

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
86-73-7	Fluorene	42.6		0.96	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	64.3		3.10	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	45.1		0.89	5.00	ug/L
103-33-3	Azobenzene	36.4		1.20	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	44.8		0.95	5.00	ug/L
118-74-1	Hexachlorobenzene	44.1		1.10	5.00	ug/L
87-86-5	Pentachlorophenol	87.5	E	1.90	10.0	ug/L
85-01-8	Phenanthrene	44.5		0.89	5.00	ug/L
120-12-7	Anthracene	45.2		1.10	5.00	ug/L
84-74-2	Di-n-butylphthalate	39.2		1.50	5.00	ug/L
206-44-0	Fluoranthene	42.3		1.30	5.00	ug/L
92-87-5	Benzidine	120	E	4.10	10.0	ug/L
129-00-0	Pyrene	42.2		1.10	5.00	ug/L
85-68-7	Butylbenzylphthalate	43.9		2.10	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	37.4		1.30	10.0	ug/L
56-55-3	Benzo(a)anthracene	45.4		0.94	5.00	ug/L
218-01-9	Chrysene	44.8		0.86	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	40.4		1.90	5.00	ug/L
117-84-0	Di-n-octyl phthalate	38.6		2.50	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	41.9		1.10	5.00	ug/L
207-08-9	Benzo(k)fluoranthene	44.7		1.20	5.00	ug/L
50-32-8	Benzo(a)pyrene	51.2		1.70	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	67.4		1.00	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	70.2		1.20	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	58.8		1.20	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	93.3		60 - 140	93%	SPK: 100
13127-88-3	Phenol-d6	85.9		60 - 140	86%	SPK: 100
4165-60-0	Nitrobenzene-d5	100		60 - 140	100%	SPK: 100
321-60-8	2-Fluorobiphenyl	105		60 - 140	105%	SPK: 100

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Report of Analysis

Client:	Ardmore Chemical			Date Collected:	
Project:	PVSC Monthly 2025			Date Received:	
Client Sample ID:	PB166933BSD			SDG No.:	Q1456
Lab Sample ID:	PB166933BSD			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
BM049679.D	1	02/28/25 08:40	02/28/25 15:12	PB166933

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	100		60 - 140	100%	SPK: 100
1718-51-0	Terphenyl-d14	105		60 - 140	105%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	281000	7.804			
1146-65-2	Naphthalene-d8	927000	10.598			
15067-26-2	Acenaphthene-d10	548000	14.445			
1517-22-2	Phenanthrene-d10	999000	17.186			
1719-03-5	Chrysene-d12	927000	21.421			
1520-96-3	Perylene-d12	893000	24.432			

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_M\Data\BM022825\
Data File : BM049679.D
Acq On : 28 Feb 2025 15:12
Operator : RC/JU
Sample : PB166933BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB166933BSD

Quant Time: Feb 28 16:06:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 04:55:28 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.804	152	281345	20.000	ng		-0.02
21) Naphthalene-d8	10.598	136	926819	20.000	ng		-0.03
39) Acenaphthene-d10	14.445	164	548450	20.000	ng		-0.02
64) Phenanthrene-d10	17.186	188	998908	20.000	ng		-0.02
76) Chrysene-d12	21.421	240	927156	20.000	ng		-0.02
86) Perylene-d12	24.432	264	893436	20.000	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.387	112	1632853	93.329	ng		0.00
7) Phenol-d6	6.981	99	1968922	85.899	ng		0.00
23) Nitrobenzene-d5	8.963	82	1805531	100.205	ng		-0.02
42) 2,4,6-Tribromophenol	15.933	330	650408	100.083	ng		-0.02
45) 2-Fluorobiphenyl	13.069	172	4464726	105.458	ng		-0.02
79) Terphenyl-d14	19.809	244	6382615	105.123	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.281	88	293019	39.833	ng		97
3) Pyridine	3.681	79	711598	34.811	ng		94
4) n-Nitrosodimethylamine	3.587	42	350812	36.680	ng		92
6) Aniline	7.128	93	620720	28.573	ng		98
8) 2-Chlorophenol	7.375	128	705821	40.402	ng		96
9) Benzaldehyde	6.939	77	276883	22.814	ng		98
10) Phenol	7.004	94	900437	39.884	ng		99
11) bis(2-Chloroethyl)ether	7.228	93	716779	39.244	ng		98
12) 1,3-Dichlorobenzene	7.692	146	863154	42.566	ng		97
13) 1,4-Dichlorobenzene	7.839	146	866316	42.237	ng		99
14) 1,2-Dichlorobenzene	8.157	146	828201	41.818	ng		98
15) Benzyl Alcohol	8.045	79	591582	37.097	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.328	45	889430m	36.174	ng		
17) 2-Methylphenol	8.251	107	553929	40.127	ng		95
18) Hexachloroethane	8.886	117	310809	41.486	ng		95
19) n-Nitroso-di-n-propyla...	8.616	70	547590	36.482	ng		94
20) 3+4-Methylphenols	8.581	107	734098	40.284	ng		98
22) Acetophenone	8.628	105	1179166	47.236	ng	#	98
24) Nitrobenzene	9.004	77	758551	43.331	ng		96
25) Isophorone	9.533	82	1336128	41.117	ng		98
26) 2-Nitrophenol	9.710	139	318891	51.980	ng		96
27) 2,4-Dimethylphenol	9.780	122	546415	53.180	ng		99
28) bis(2-Chloroethoxy)met...	10.010	93	872108	41.669	ng		98
29) 2,4-Dichlorophenol	10.251	162	669808	47.336	ng		97
30) 1,2,4-Trichlorobenzene	10.463	180	800846	46.195	ng		98
31) Naphthalene	10.651	128	2035267	41.637	ng		99
32) Benzoic acid	9.910	122	376312m	55.461	ng		
33) 4-Chloroaniline	10.757	127	302224	16.518	ng		99
34) Hexachlorobutadiene	10.945	225	509695	49.096	ng		98
35) Caprolactam	11.533	113	173510	40.194	ng		91
36) 4-Chloro-3-methylphenol	11.892	107	573430	40.636	ng		96
37) 2-Methylnaphthalene	12.263	142	1382877	40.182	ng		99
38) 1-Methylnaphthalene	12.486	142	1345628	40.186	ng		99
40) 1,2,4,5-Tetrachloroben...	12.633	216	1045997	58.007	ng		99
41) Hexachlorocyclopentadiene	12.621	237	1307807	284.099	ng		98
43) 2,4,6-Trichlorophenol	12.874	196	516299	52.470	ng		98

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022825\
Data File : BM049679.D
Acq On : 28 Feb 2025 15:12
Operator : RC/JU
Sample : PB166933BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB166933BSD

Quant Time: Feb 28 16:06:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 04:55:28 2025
Response via : Initial Calibration

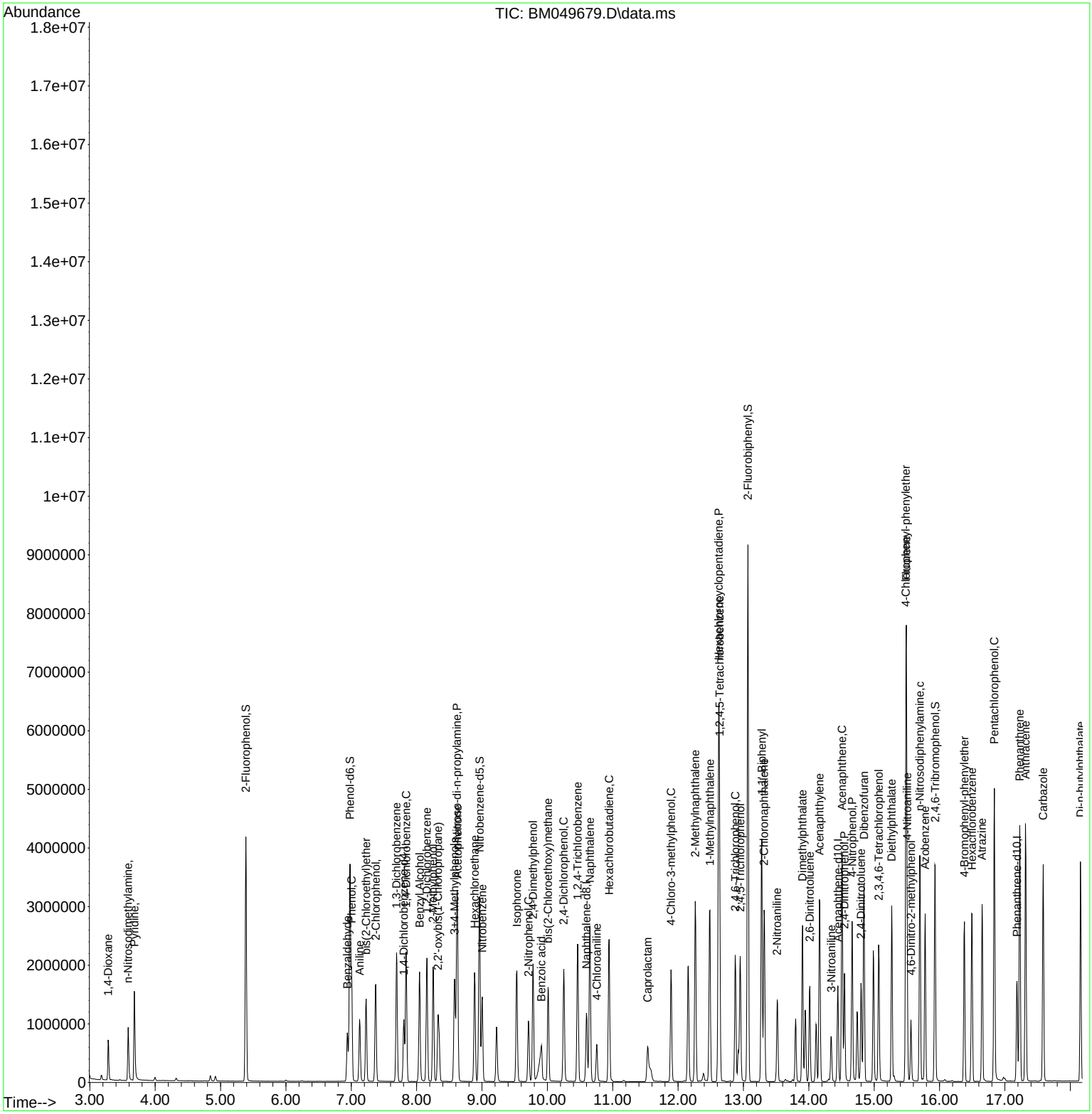
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.951	196	560687	51.850	ng		96
46) 1,1'-Biphenyl	13.280	154	2092734	50.019	ng		99
47) 2-Chloronaphthalene	13.316	162	1472675	45.494	ng		98
48) 2-Nitroaniline	13.516	65	354357	42.076	ng		97
49) Acenaphthylene	14.163	152	2164861	45.354	ng		99
50) Dimethylphthalate	13.904	163	1656482	42.057	ng		100
51) 2,6-Dinitrotoluene	14.015	165	336511	49.375	ng		89
52) Acenaphthene	14.510	154	1543924m	48.730	ng		
53) 3-Nitroaniline	14.345	138	180410	25.999	ng	#	95
54) 2,4-Dinitrophenol	14.545	184	367278	114.200	ng	#	72
55) Dibenzofuran	14.845	168	2120997	42.043	ng		98
56) 4-Nitrophenol	14.663	139	617670	105.596	ng		92
57) 2,4-Dinitrotoluene	14.798	165	462718	48.429	ng		90
58) Fluorene	15.492	166	1838140	42.592	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.068	232	449861	49.241	ng		95
60) Diethylphthalate	15.268	149	1562473	39.473	ng		100
61) 4-Chlorophenyl-phenyle...	15.486	204	988503	43.034	ng		98
62) 4-Nitroaniline	15.504	138	344609	39.221	ng		98
63) Azobenzene	15.780	77	1504557	36.416	ng		96
65) 4,6-Dinitro-2-methylph...	15.562	198	217520	64.303	ng		91
66) n-Nitrosodiphenylamine	15.698	169	1420690	45.098	ng		99
67) 4-Bromophenyl-phenylether	16.380	248	520131	44.820	ng		96
68) Hexachlorobenzene	16.498	284	587890	44.138	ng		97
69) Atrazine	16.651	200	531126	56.717	ng		98
70) Pentachlorophenol	16.839	266	793670	87.487	ng		99
71) Phenanthrene	17.227	178	2532660	44.505	ng		100
72) Anthracene	17.315	178	2546464	45.192	ng		100
73) Carbazole	17.586	167	2220071	44.890	ng		99
74) Di-n-butylphthalate	18.156	149	2456904	39.152	ng		100
75) Fluoranthene	19.239	202	2817946	42.296	ng		99
77) Benzidine	19.421	184	985607	120.042	ng		100
78) Pyrene	19.603	202	2928062	42.178	ng		100
80) Butylbenzylphthalate	20.509	149	948123	43.890	ng		90
81) Benzo(a)anthracene	21.403	228	2852577	45.397	ng		100
82) 3,3'-Dichlorobenzidine	21.327	252	632840	37.427	ng		100
83) Chrysene	21.468	228	2638247	44.815	ng		100
84) Bis(2-ethylhexyl)phtha...	21.339	149	1496790	40.418	ng		99
85) Di-n-octyl phthalate	22.480	149	2255480	38.606	ng		95
87) Indeno(1,2,3-cd)pyrene	27.838	276	3286841	67.364	ng	#	96
88) Benzo(b)fluoranthene	23.485	252	2572685	41.858	ng		99
89) Benzo(k)fluoranthene	23.550	252	2669819	44.723	ng		98
90) Benzo(a)pyrene	24.297	252	2492512	51.173	ng	#	98
91) Dibenzo(a,h)anthracene	27.897	278	2706817	70.192	ng		97
92) Benzo(g,h,i)perylene	28.897	276	2534427	58.834	ng		97

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022825\
Data File : BM049679.D
Acq On : 28 Feb 2025 15:12
Operator : RC/JU
Sample : PB166933BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB166933BSD

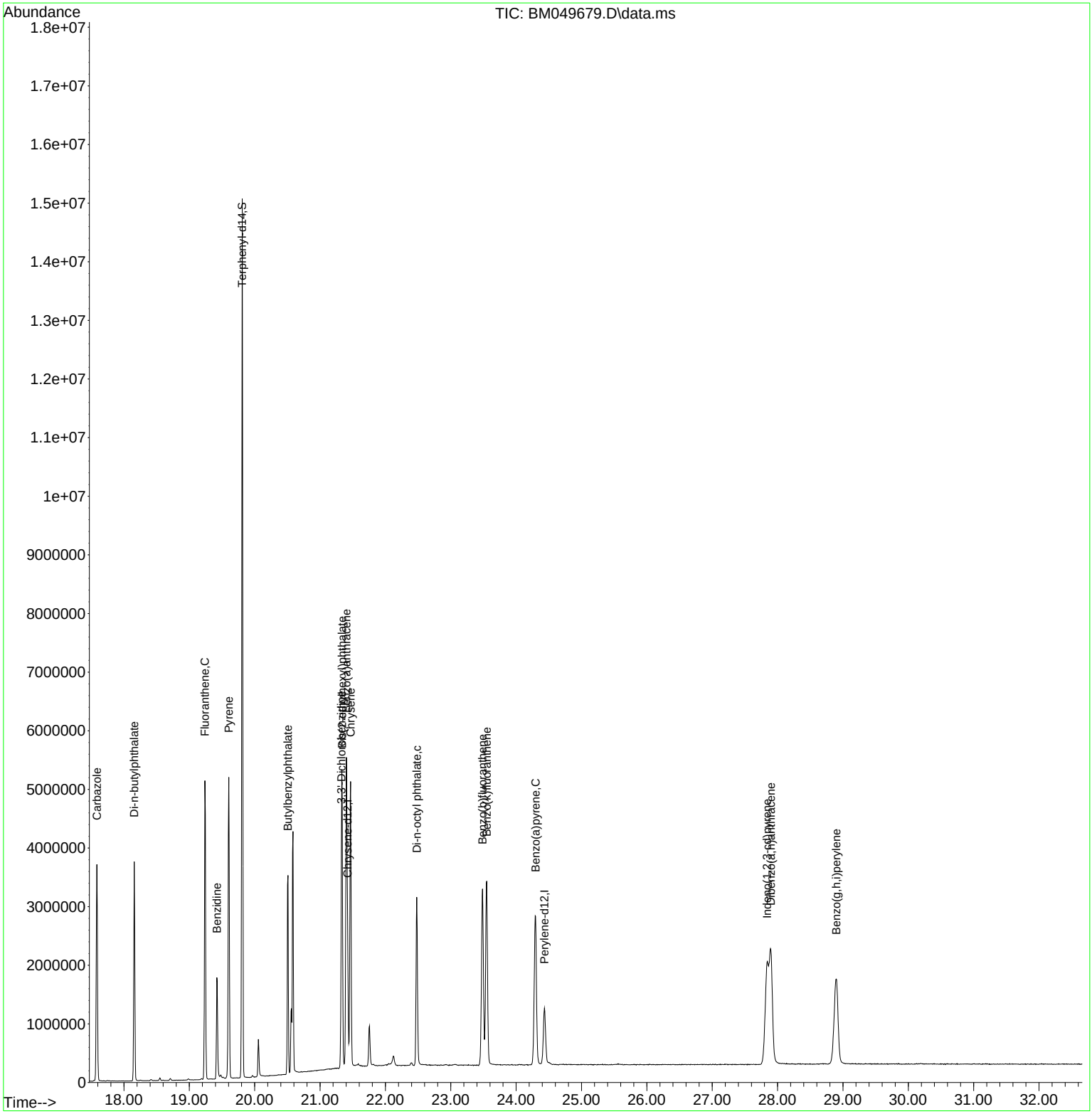
Quant Time: Feb 28 16:06:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 04:55:28 2025
Response via : Initial Calibration



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022825\
Data File : BM049679.D
Acq On : 28 Feb 2025 15:12
Operator : RC/JU
Sample : PB166933BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB166933BSD

Quant Time: Feb 28 16:06:41 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 04:55:28 2025
Response via : Initial Calibration



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Manual Integration Report

Sequence:	BM020525	Instrument	BNA_m

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDICC010	BM049566.D	Benzoic acid	yogesh	2/6/2025 7:48:32 AM	mohammad	2/6/2025 8:39:38 AM	Peak Integrated by Software
SSTDICC020	BM049567.D	Benzoic acid	yogesh	2/6/2025 7:48:35 AM	mohammad	2/6/2025 8:39:38 AM	Peak Integrated by Software
SSTDICCC040	BM049568.D	Benzoic acid	yogesh	2/6/2025 7:48:38 AM	mohammad	2/6/2025 8:39:38 AM	Peak Integrated by Software

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Manual Integration Report

Sequence:	BM022825	Instrument	BNA_m

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
SSTDCCC040	BM049675.D	Acenaphthene	anahy	3/3/2025 3:25:24 PM	Jagrut	3/3/2025 3:43:34 PM	Peak Integrated by Software
SSTDCCC040	BM049675.D	Benzoic acid	anahy	3/3/2025 3:25:24 PM	Jagrut	3/3/2025 3:43:34 PM	Peak Integrated by Software
PB166933BS	BM049678.D	2,2"-oxybis(1-Chloropro pane)	anahy	3/3/2025 3:33:25 PM	Jagrut	3/3/2025 3:43:38 PM	Peak Integrated by Software
PB166933BS	BM049678.D	Acenaphthene	anahy	3/3/2025 3:33:25 PM	Jagrut	3/3/2025 3:43:38 PM	Peak Integrated by Software
PB166933BSD	BM049679.D	2,2"-oxybis(1-Chloropro pane)	anahy	3/3/2025 3:34:39 PM	Jagrut	3/3/2025 3:43:41 PM	Peak Integrated by Software
PB166933BSD	BM049679.D	Acenaphthene	anahy	3/3/2025 3:34:39 PM	Jagrut	3/3/2025 3:43:41 PM	Peak Integrated by Software
PB166933BSD	BM049679.D	Benzoic acid	anahy	3/3/2025 3:34:39 PM	Jagrut	3/3/2025 3:43:41 PM	Peak Integrated by Software

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Fax : 908 789 8922

Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QCBatch ID # BM020525

Review By	yogesh	Review On	2/6/2025 7:48:48 AM				
Supervise By	mohammad	Supervise On	2/6/2025 8:39:38 AM				
SubDirectory	BM020525	HP Acquire Method	BNA_M		HP Processing Method	bm020525	

STD. NAME	STD REF.#
Tune/Reschk	SP6717
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12650,10ul/1000ul sample
ICV/I.BLK	SP6686
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	DFTPP	BM049563.D	05 Feb 2025 10:26	RC/JU	Ok
2	SSTDICC2.5	BM049564.D	05 Feb 2025 11:05	RC/JU	Ok
3	SSTDICC005	BM049565.D	05 Feb 2025 11:44	RC/JU	Ok
4	SSTDICC010	BM049566.D	05 Feb 2025 12:23	RC/JU	Ok,M
5	SSTDICC020	BM049567.D	05 Feb 2025 13:02	RC/JU	Ok,M
6	SSTDICCC040	BM049568.D	05 Feb 2025 13:40	RC/JU	Ok,M
7	SSTDICC050	BM049569.D	05 Feb 2025 14:19	RC/JU	Ok
8	SSTDICC060	BM049570.D	05 Feb 2025 14:58	RC/JU	Ok
9	SSTDICC080	BM049571.D	05 Feb 2025 15:38	RC/JU	Ok
10	SSTDICV040	BM049572.D	05 Feb 2025 16:18	RC/JU	Ok
11	PB166318TB	BM049573.D	05 Feb 2025 17:41	RC/JU	Not Ok

M : Manual Integration

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Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QCBatch ID # BM022825

Review By	anahy	Review On	3/3/2025 3:42:34 PM				
Supervise By	Jagrut	Supervise On	3/3/2025 3:44:06 PM				
SubDirectory	BM022825	HP Acquire Method	BNA_M		HP Processing Method	bm020525	

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	BM049674.D	28 Feb 2025 09:17	RC/JU	Ok
2	SSTDCCC040	BM049675.D	28 Feb 2025 10:38	RC/JU	Ok,M
3	PB166930BL	BM049676.D	28 Feb 2025 13:15	RC/JU	Ok
4	PB166930BS	BM049677.D	28 Feb 2025 13:54	RC/JU	Ok,M
5	PB166933BS	BM049678.D	28 Feb 2025 14:33	RC/JU	Ok,M
6	PB166933BSD	BM049679.D	28 Feb 2025 15:12	RC/JU	Ok,M
7	PB166933BL	BM049680.D	28 Feb 2025 15:52	RC/JU	Ok
8	Q1456-02	BM049681.D	28 Feb 2025 16:36	RC/JU	Ok
9	Q1458-01	BM049682.D	28 Feb 2025 17:15	RC/JU	Ok,M
10	Q1458-01MS	BM049683.D	28 Feb 2025 17:55	RC/JU	Ok,M
11	Q1458-01MSD	BM049684.D	28 Feb 2025 18:34	RC/JU	Ok,M
12	Q1457-01	BM049685.D	28 Feb 2025 19:13	RC/JU	Ok

M : Manual Integration

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

Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QCBatch ID # BM020525

Review By	yogesh	Review On	2/6/2025 7:48:48 AM		
Supervise By	mohammad	Supervise On	2/6/2025 8:39:38 AM		
SubDirectory	BM020525	HP Acquire Method	BNA_M	HP Processing Method	bm020525

STD. NAME	STD REF.#
Tune/Reschk	SP6717
Initial Calibration Stds	SP6722,SP6723,SP6724,SP6725,SP6726,SP6727,SP6728,SP6729
CCC	SP6725
Internal Standard/PEM	S12650,10ul/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	BM049563.D	05 Feb 2025 10:26		RC/JU	Ok
2	SSTDICC2.5	SSTDICC2.5	BM049564.D	05 Feb 2025 11:05		RC/JU	Ok
3	SSTDICC005	SSTDICC005	BM049565.D	05 Feb 2025 11:44	Compound #32,42,54,56,65,70 removed from 5ppm	RC/JU	Ok
4	SSTDICC010	SSTDICC010	BM049566.D	05 Feb 2025 12:23		RC/JU	Ok,M
5	SSTDICC020	SSTDICC020	BM049567.D	05 Feb 2025 13:02	Compound #48,62,70 Kept on LR and Compound #26,32,54,57,65, Kept on QR	RC/JU	Ok,M
6	SSTDICCC040	SSTDICCC040	BM049568.D	05 Feb 2025 13:40	The Calibration is Good For 8270 DOD and good for 625.1 Method	RC/JU	Ok,M
7	SSTDICC050	SSTDICC050	BM049569.D	05 Feb 2025 14:19		RC/JU	Ok
8	SSTDICC060	SSTDICC060	BM049570.D	05 Feb 2025 14:58		RC/JU	Ok
9	SSTDICC080	SSTDICC080	BM049571.D	05 Feb 2025 15:38	Compound #42 removed from 80ppm	RC/JU	Ok
10	SSTDICV040	ICVBM020525	BM049572.D	05 Feb 2025 16:18		RC/JU	Ok
11	PB166318TB	PB166318TB	BM049573.D	05 Feb 2025 17:41	Analyzed for Contamination check.	RC/JU	Not Ok

M : Manual Integration

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Instrument ID: BNA_M

Daily Analysis Runlog For Sequence/QCBatch ID # BM022825

Review By	anahy	Review On	3/3/2025 3:42:34 PM		
Supervise By	Jagrut	Supervise On	3/3/2025 3:44:06 PM		
SubDirectory	BM022825	HP Acquire Method	BNA_M	HP Processing Method	bm020525

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	BM049674.D	28 Feb 2025 09:17		RC/JU	Ok
2	SSTDCCC040	SSTDCCC040	BM049675.D	28 Feb 2025 10:38		RC/JU	Ok,M
3	PB166930BL	PB166930BL	BM049676.D	28 Feb 2025 13:15		RC/JU	Ok
4	PB166930BS	PB166930BS	BM049677.D	28 Feb 2025 13:54		RC/JU	Ok,M
5	PB166933BS	PB166933BS	BM049678.D	28 Feb 2025 14:33		RC/JU	Ok,M
6	PB166933BSD	PB166933BSD	BM049679.D	28 Feb 2025 15:12		RC/JU	Ok,M
7	PB166933BL	PB166933BL	BM049680.D	28 Feb 2025 15:52		RC/JU	Ok
8	Q1456-02	EFF-WASTE WATER	BM049681.D	28 Feb 2025 16:36	Surrogates failed.	RC/JU	Ok
9	Q1458-01	SP-SOIL	BM049682.D	28 Feb 2025 17:15		RC/JU	Ok,M
10	Q1458-01MS	SP-SOILMS	BM049683.D	28 Feb 2025 17:55		RC/JU	Ok,M
11	Q1458-01MSD	SP-SOILMSD	BM049684.D	28 Feb 2025 18:34		RC/JU	Ok,M
12	Q1457-01	HR-0-02272025	BM049685.D	28 Feb 2025 19:13		RC/JU	Ok

M : Manual Integration

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB166933

SOP ID:	M625.1-BNA-20				
Clean Up SOP #:	N/A			**Extraction Start Date :**	02/28/2025
Matrix :	Water			**Extraction Start Time :**	08:40
Weigh By:	N/A	**Extraction By:**	RS	**Extraction End Date :**	02/28/2025
Balance check:	N/A	**Filter By:**	RS	**Extraction End Time :**	13:30
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	E3874
Baked Na2SO4	N/A	EP2581
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
2/28/25	RS (EH lab)	RC/SVOC
13:35	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB166933

Analytical Method: M625.1-BNA-20 **Concentration Date:** 02/28/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB166933BL	SBLK933	SVOCMS Group1	1000	6	RUPESH	ritesh	1			SEP-1
PB166933BS	SLCS933	SVOCMS Group1	1000	6	RUPESH	ritesh	1			2
PB166933BSD	SLCSD933	SVOCMS Group1	1000	6	RUPESH	ritesh	1			3
Q1456-02	EFF-WASTE WATER	SVOCMS Group1	870	6	RUPESH	ritesh	1	C		4

RS
2/28

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

166933
8460

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q1456 **WorkList ID :** 187962 **Department :** Extraction **Date :** 02-28-2025 08:35:25

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1456-02	EFF-WASTE WATER	Water	SVOCMS Group1	Cool 4 deg C	ARDM01	H11	02/27/2025	625.1

Date/Time 2/28/25 8:35
Raw Sample Received by: RJ (EXL 0460)
Raw Sample Relinquished by: CP

Date/Time 2/28/25 9:00
Raw Sample Received by: CP
Raw Sample Relinquished by: RJ (EXL 0460)

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. Q1456
QUOTE NO.
COC Number 2041675

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: Ardmore
ADDRESS: 29 Riverside Ave Bldg #14
CITY Newark STATE: NJ ZIP: 07104
ATTENTION: Michael Sharphouse
PHONE: 973 481-2400 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) 3-DAY 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

PRESERVATIVES

COMMENTS

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

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			X	2/27/25	9:15		X	X								
2.	EFF Wash Water		X		2/27/25	9:00-9:15				X	X	X					
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

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

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	12:15 PM	1. Albert Sharphouse
2. Albert Sharphouse	13:30 2-27-25	2.
3.	13:35	3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 2.1 °C
Comments: METALS LEAD ZINC
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

CHEMTECH 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

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q1456 ARDM01
Client Name : Ardmore Chemical
Client Contact : Michael Sharphouse
Invoice Name : Ardmore Chemical
Invoice Contact : Michael Sharphouse

Order Date : 2/27/2025 12:51:00 PM
Project Name : PVSC Monthly 2025
Receive DateTime : 2/27/2025 12:00:00 AM
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
Q1456-01	EFF-WASTE WATER	Water	02/27/2025	~~00:00~~ 09:15	VOC-PP		624.1		3 Bus. Days

Relinguished By : CR
Date / Time : 2-27-25 1340

Received By :
Date / Time : 2-27-25 ~~13:40~~ 13:35

Storage Area : **VOA Refridgerator Room**