

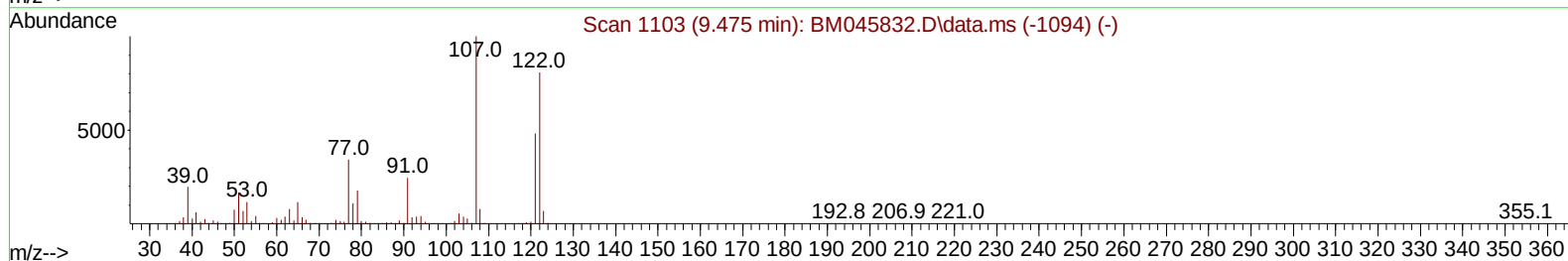
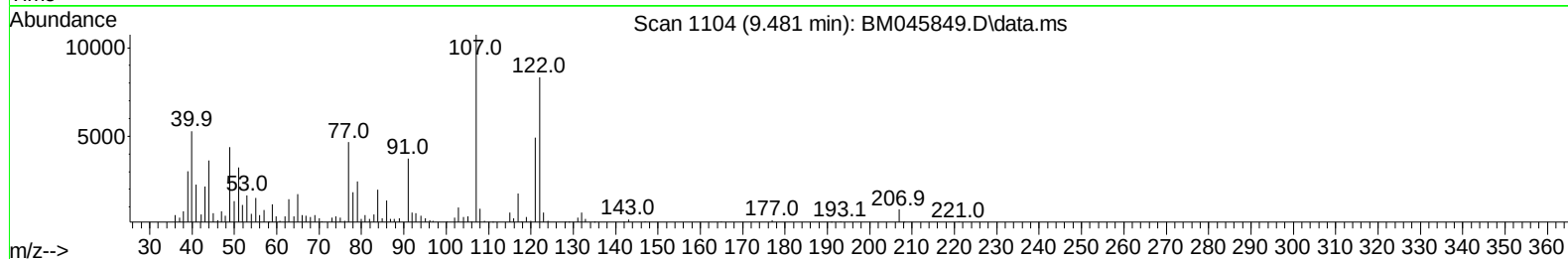
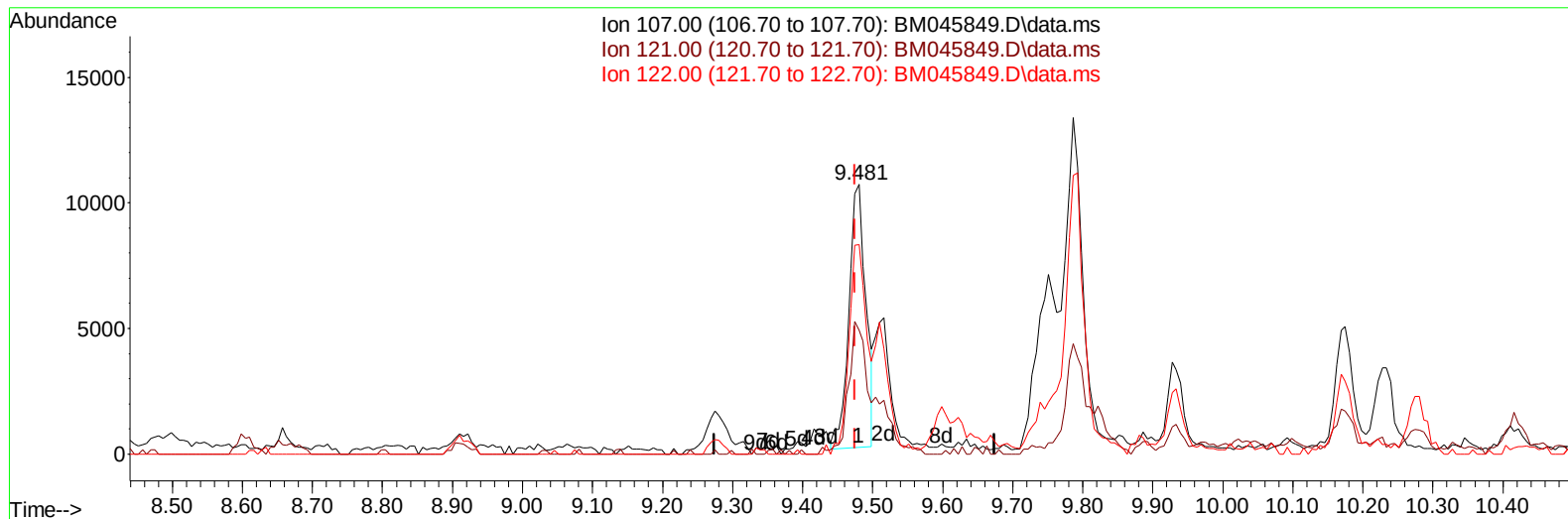
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
 Data File : BM045849.D
 Acq On : 05 Jun 2024 14:17
 Operator : MA/JU
 Sample : P2586-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4D15

Manual IntegrationsAPPROVED

Quant Time: Jun 06 01:11:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 31 13:01:11 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/06/2024
 Supervised By :mohammad ahmed 06/07/2024



TIC: BM045849.D\data.ms

(26) 2,4-Dimethylphenol

9.481min (+ 0.006) 0.99 ng/uL

response 17809

Ion	Exp%	Act%
107.00	100.00	100.00
121.00	46.70	45.89
122.00	78.90	77.62
0.00	0.00	0.00

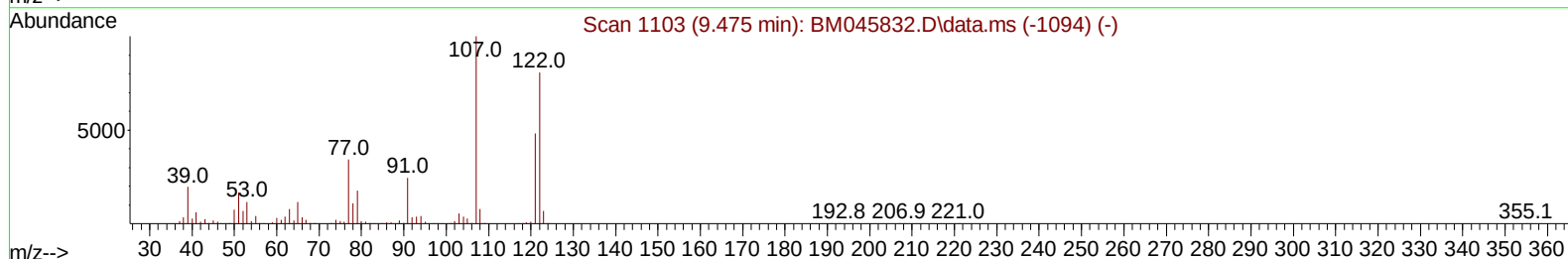
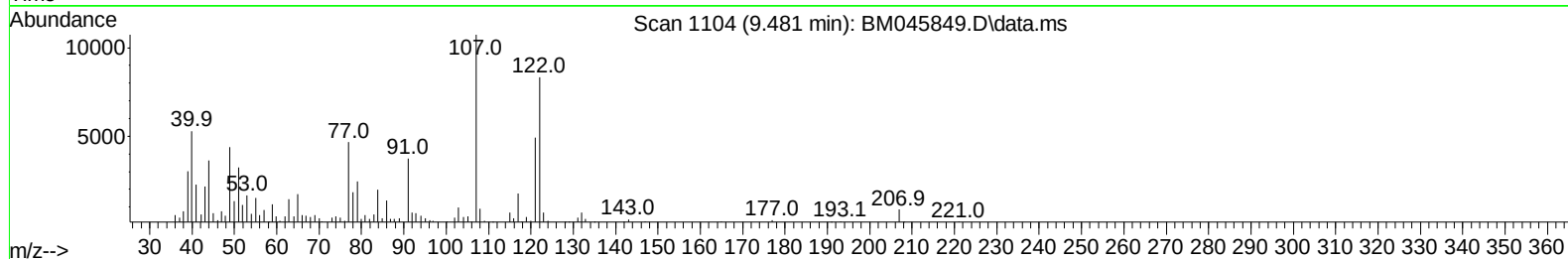
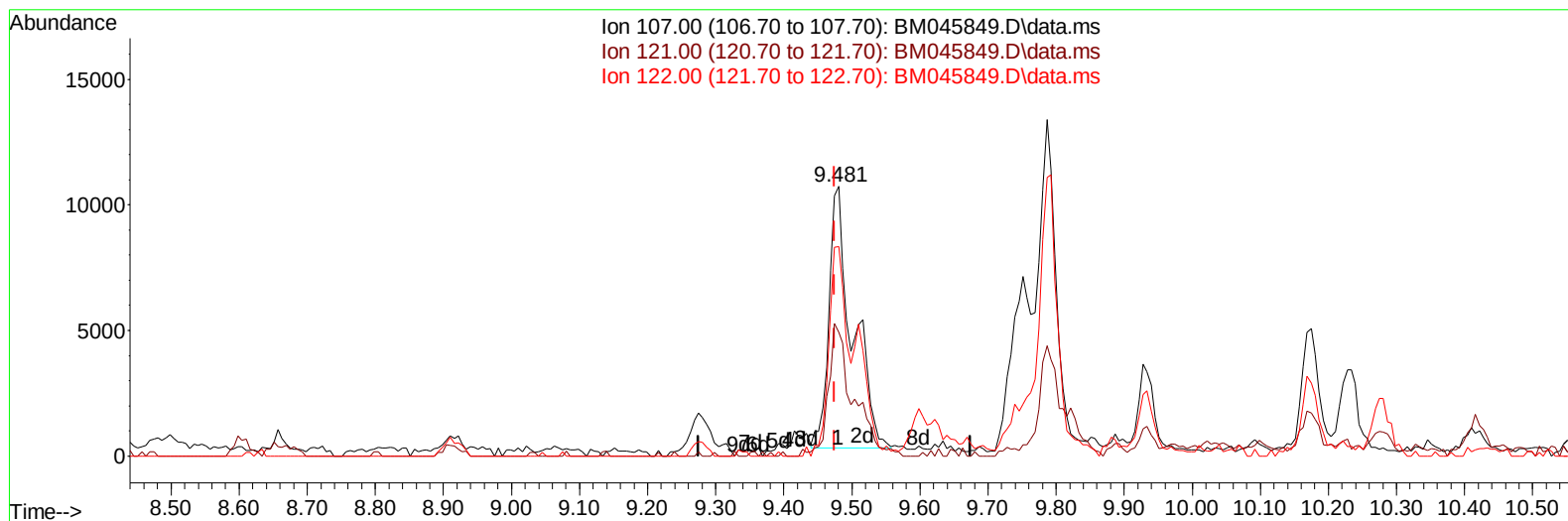
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
Data File : BM045849.D
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Operator : MA/JU
Sample : P2586-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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Manual IntegrationsAPPROVED

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QLast Update : Fri May 31 13:01:11 2024
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Supervised By :mohammad ahmed 06/07/2024



TIC: BM045849.D\data.ms

(26) 2,4-Dimethylphenol

9.481min (+ 0.006) 1.40 ng/ul m

response 25064

Ion	Exp%	Act%
107.00	100.00	100.00
121.00	46.70	45.89
122.00	78.90	77.62
0.00	0.00	0.00

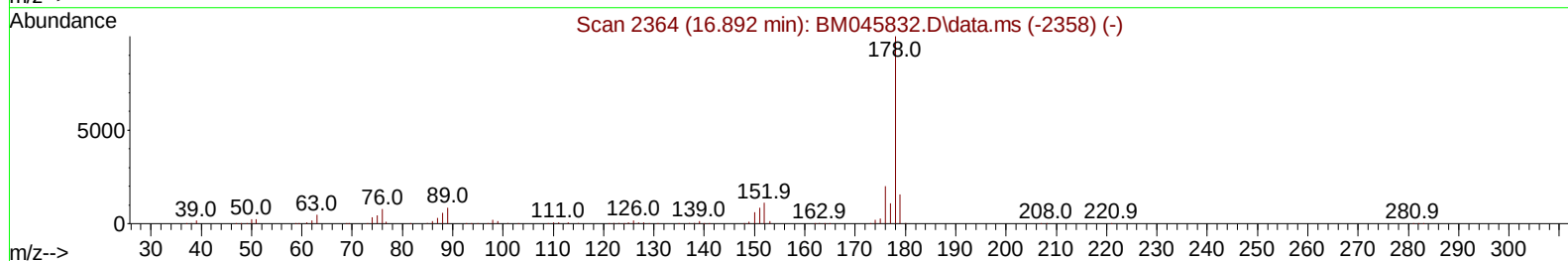
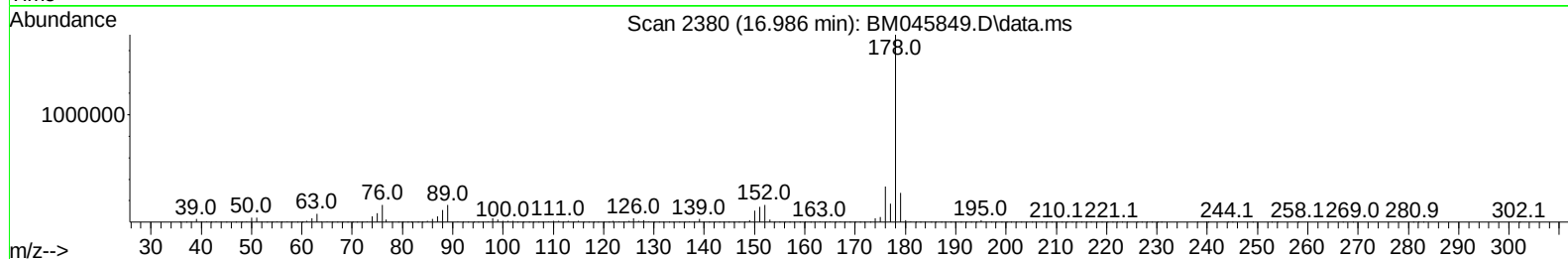
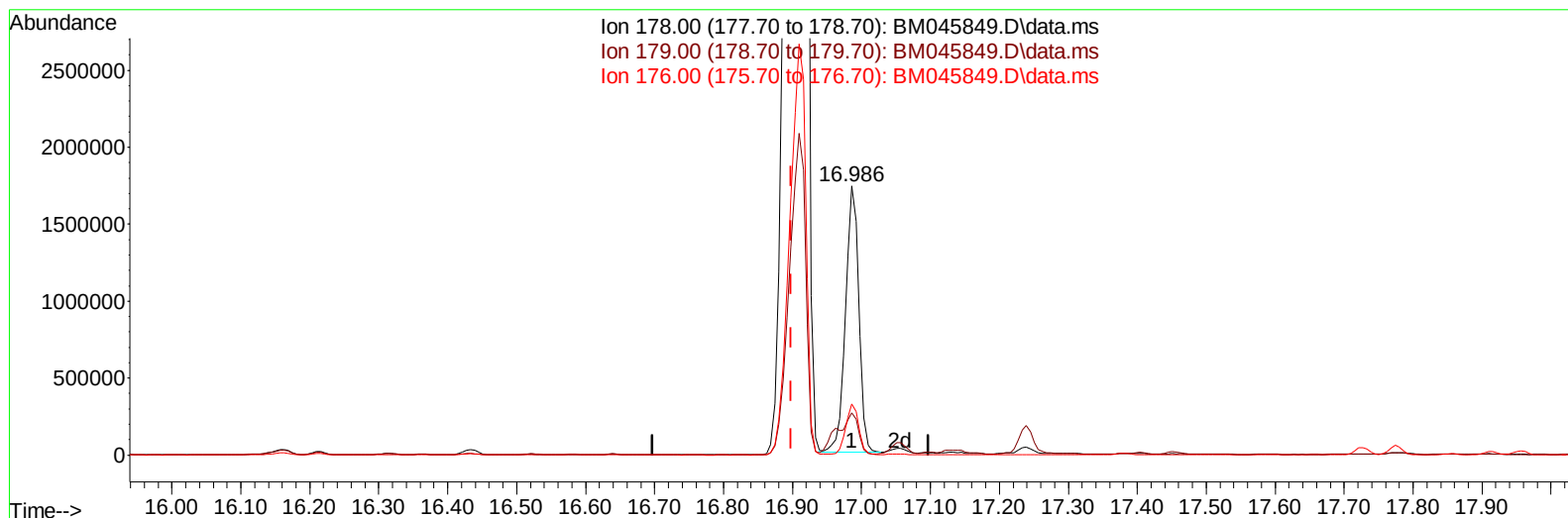
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
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TIC: BM045849.D\data.ms

(72) Phenanthrene

16.986min (+ 0.088) 45.66 ng/u1

response 2310177

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.50	15.77
176.00	19.10	19.00
0.00	0.00	0.00

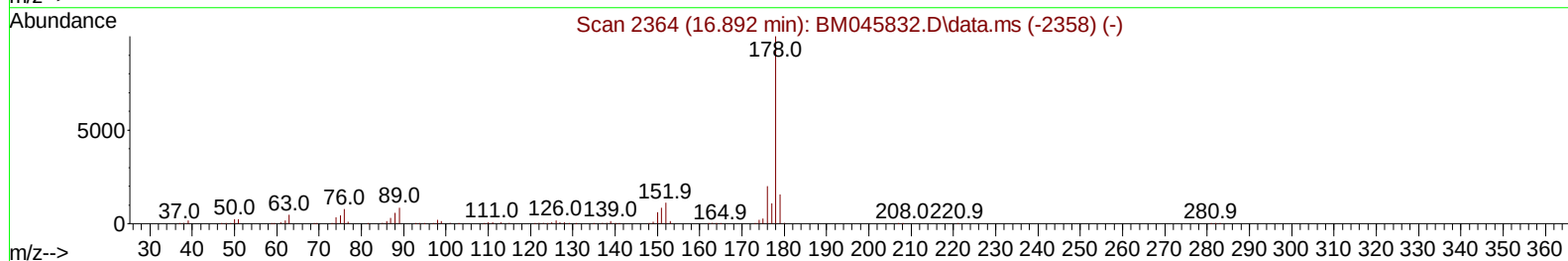
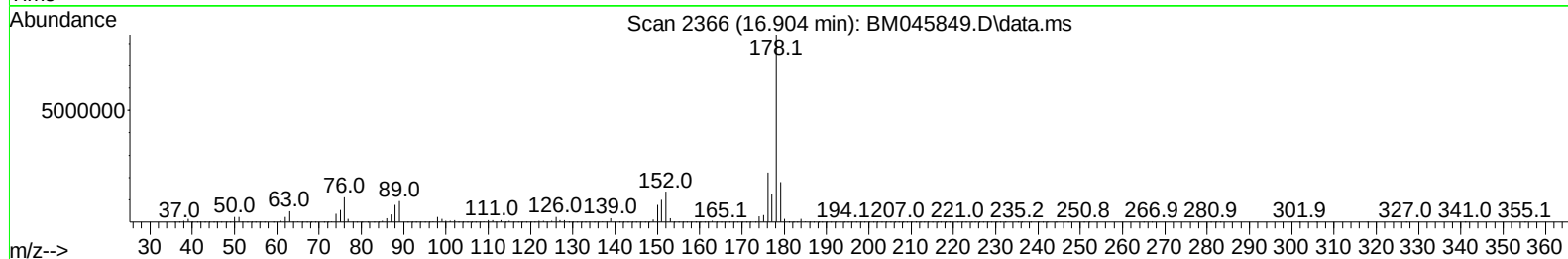
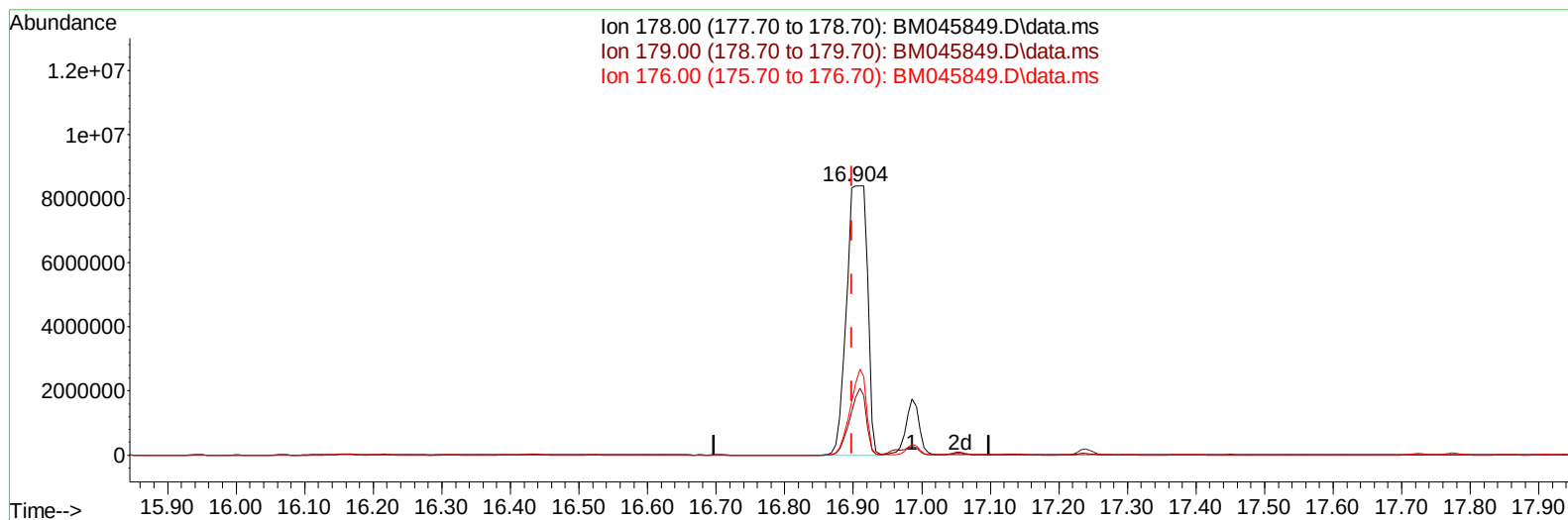
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
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TIC: BM045849.D\data.ms

(72) Phenanthrene

16.904min (+ 0.006) 351.65 ng/ul m

response 17790156

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.50	21.30#
176.00	19.10	26.57#
0.00	0.00	0.00

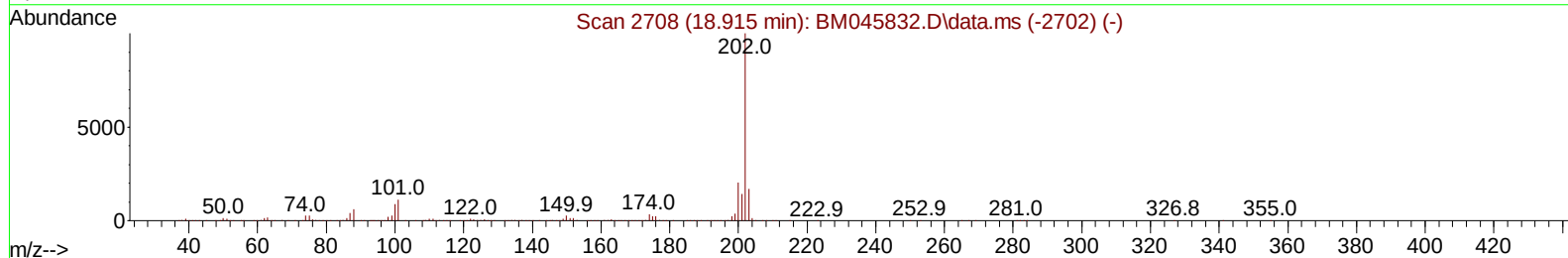
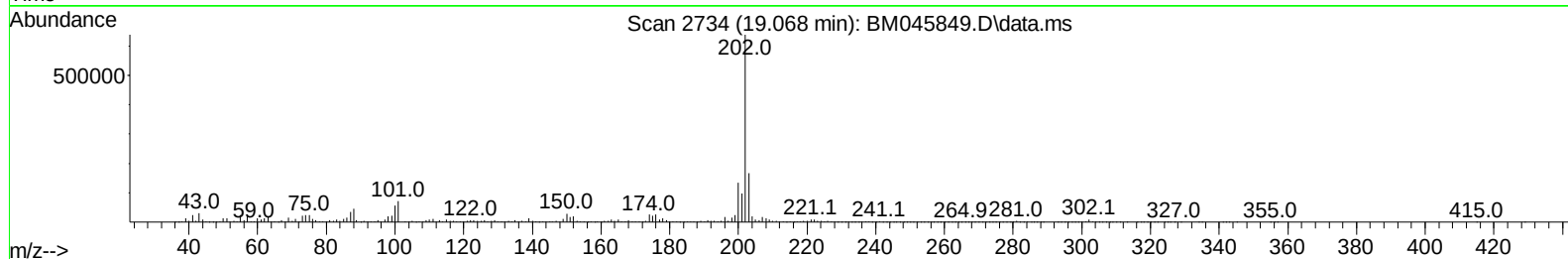
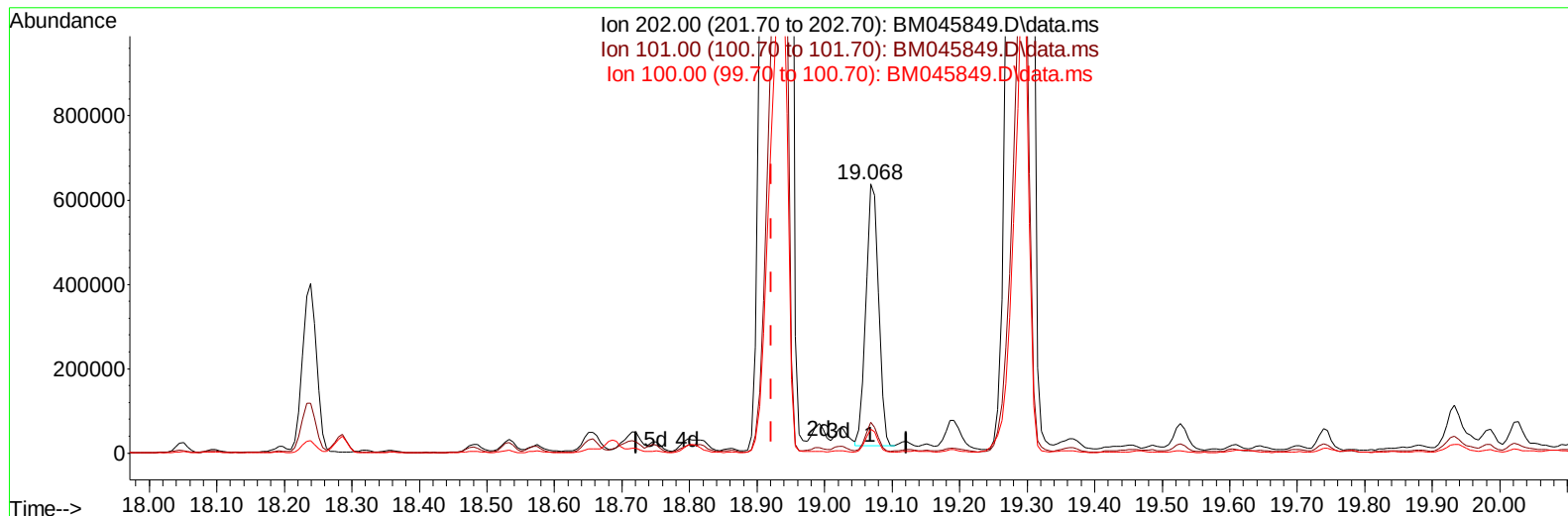
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ALS Vial : 5 Sample Multiplier: 1

Instrument :
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Manual IntegrationsAPPROVED

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TIC: BM045849.D\data.ms

(80) Fluoranthene

19.068min (+ 0.147) 15.79 ng/ul

response 814197

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.10	11.35
100.00	8.30	8.86
0.00	0.00	0.00

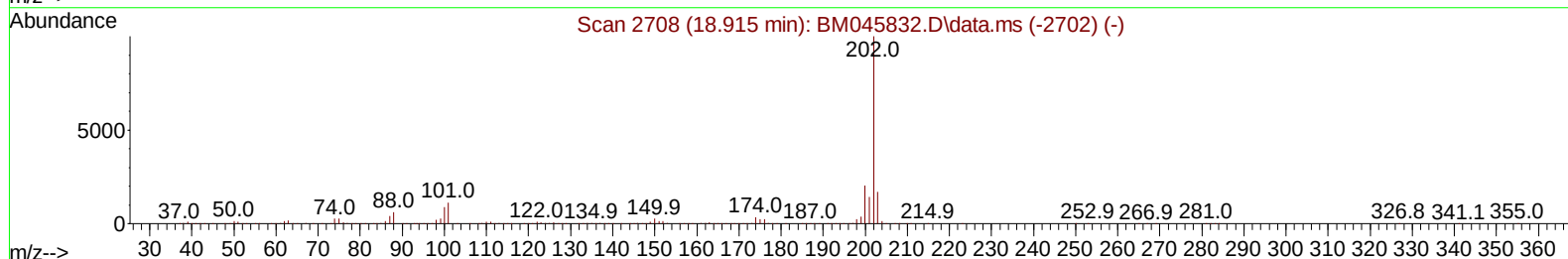
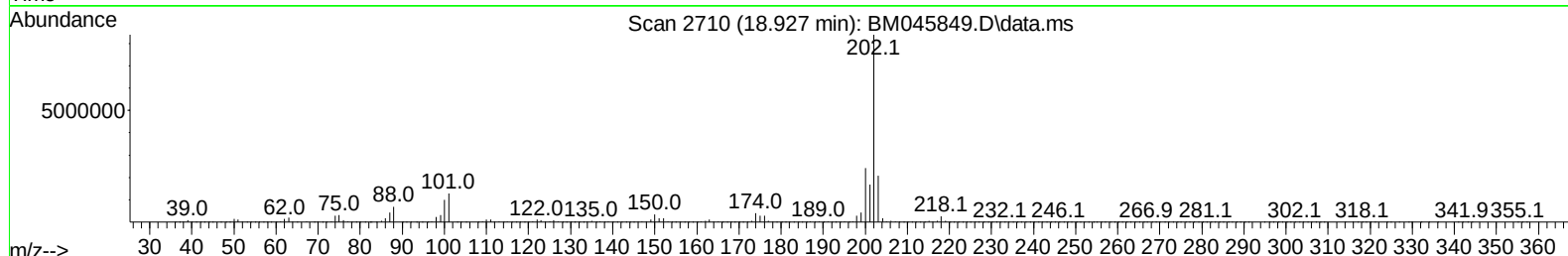
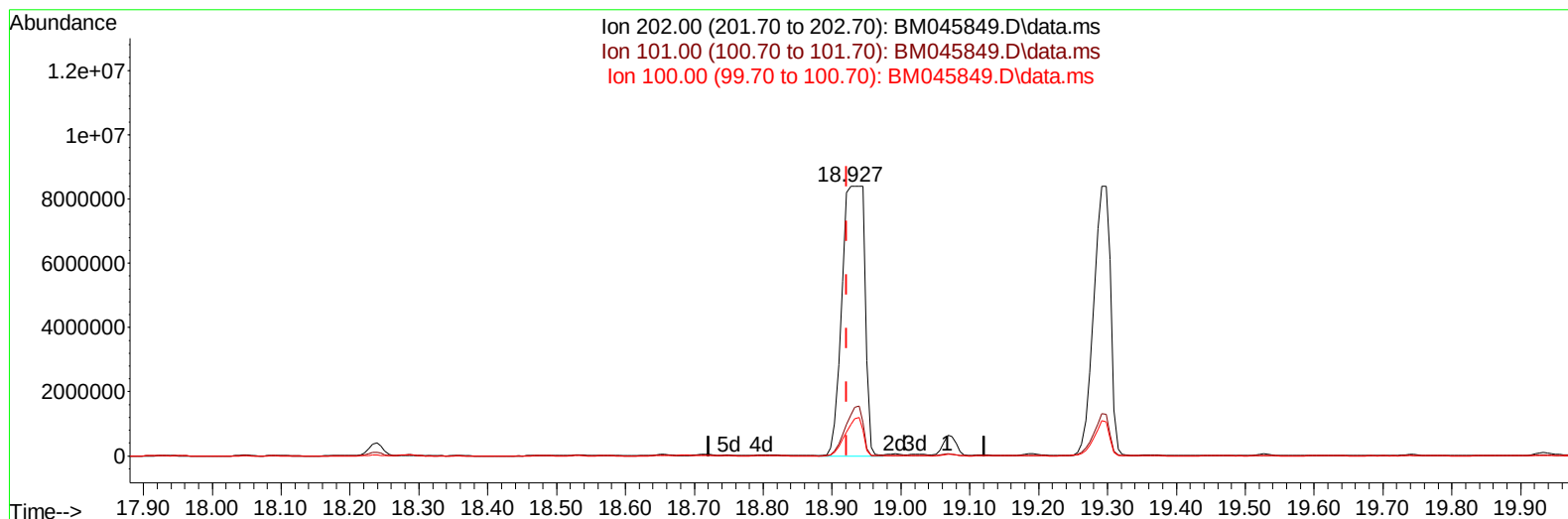
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
 Data File : BM045849.D
 Acq On : 05 Jun 2024 14:17
 Operator : MA/JU
 Sample : P2586-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4D15

Manual IntegrationsAPPROVED

Quant Time: Jun 06 01:11:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
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TIC: BM045849.D\data.ms

(80) Fluoranthene

18.927min (+ 0.006) 373.95 ng/ul m

response 19284285

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	11.10	15.31#
100.00	8.30	11.71#
0.00	0.00	0.00

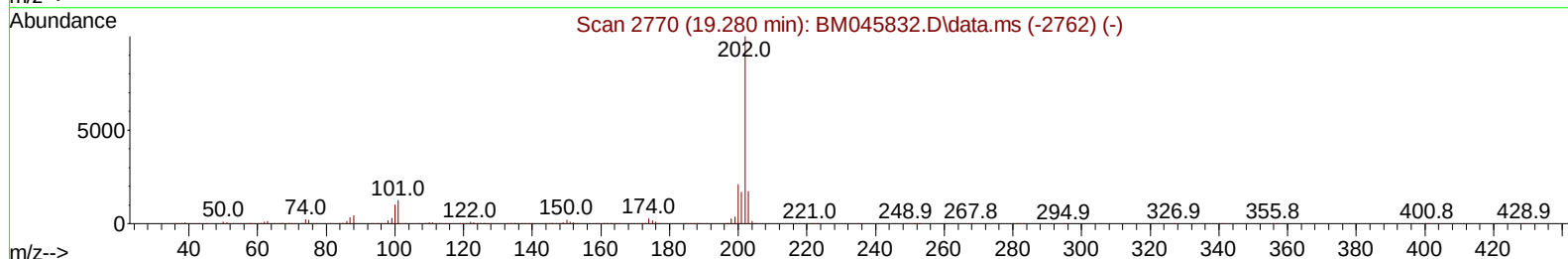
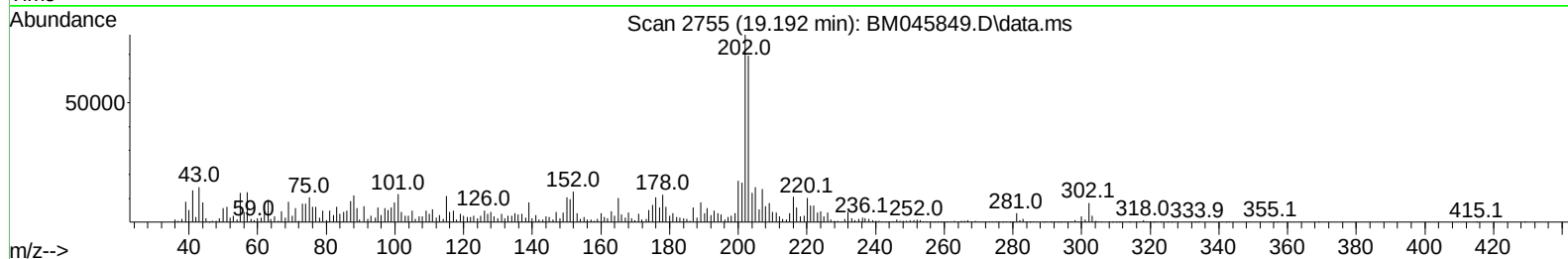
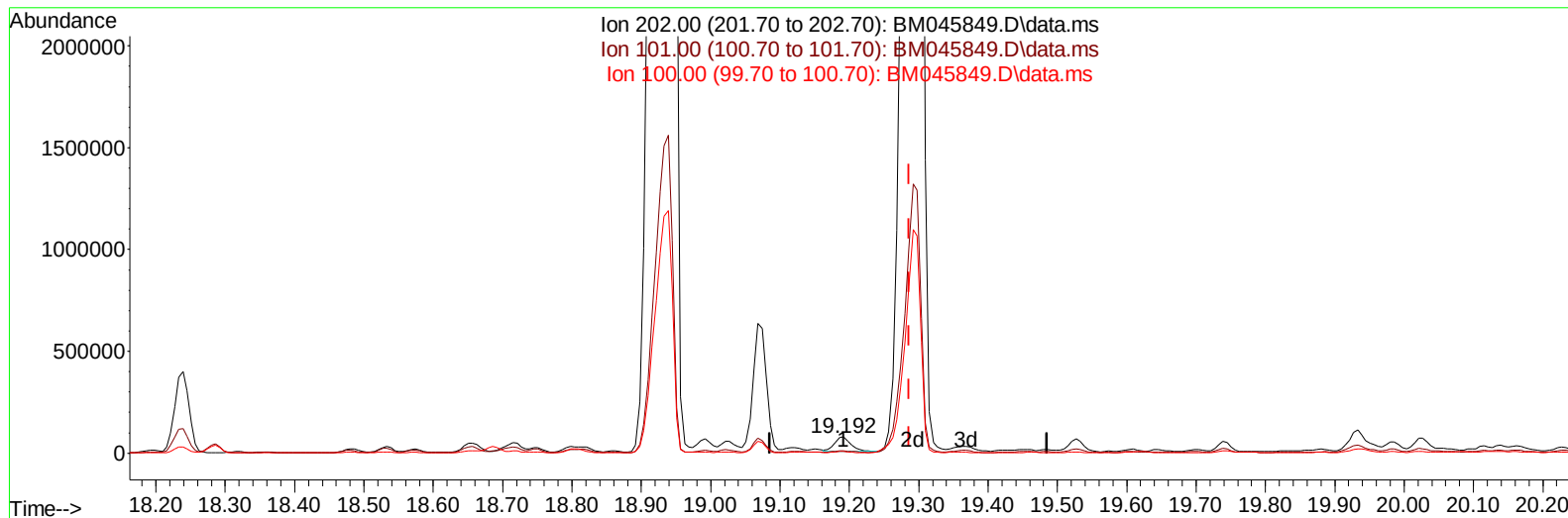
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 Data File : BM045849.D
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 Operator : MA/JU
 Sample : P2586-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4D15

Manual IntegrationsAPPROVED

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TIC: BM045849.D\data.ms

(82) Pyrene

19.192min (-0.094) 2.21 ng/u1

response 116844

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.10	15.25
100.00	10.70	10.56
0.00	0.00	0.00

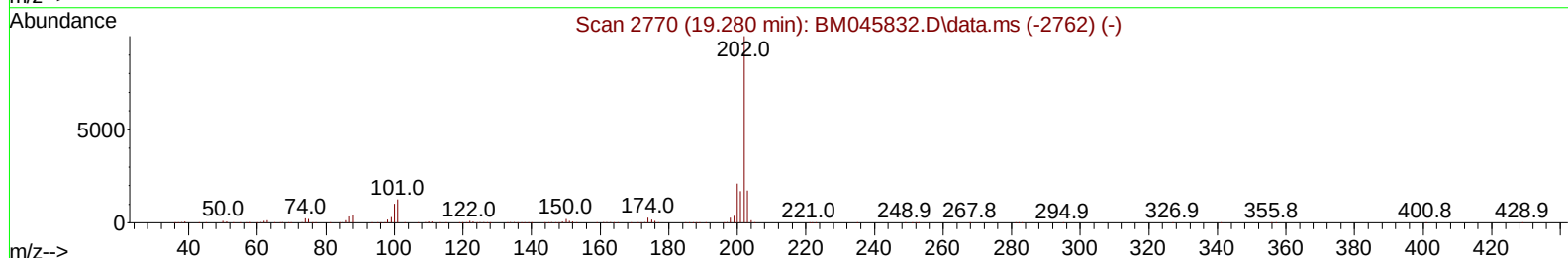
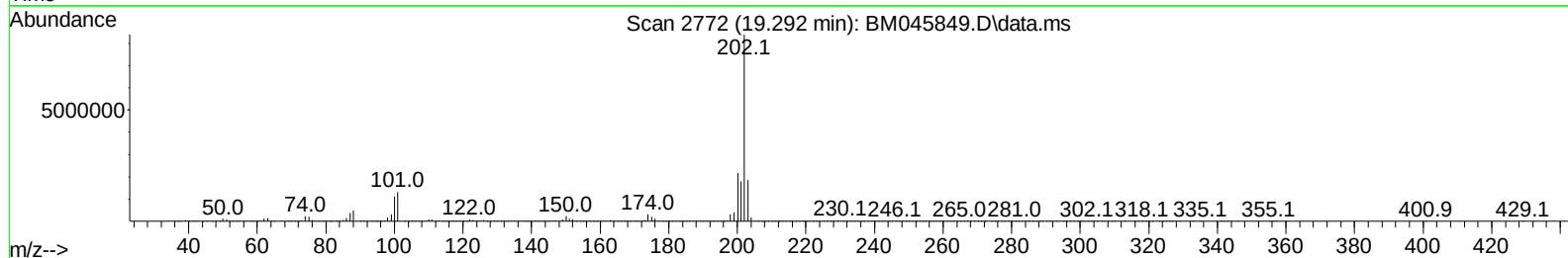
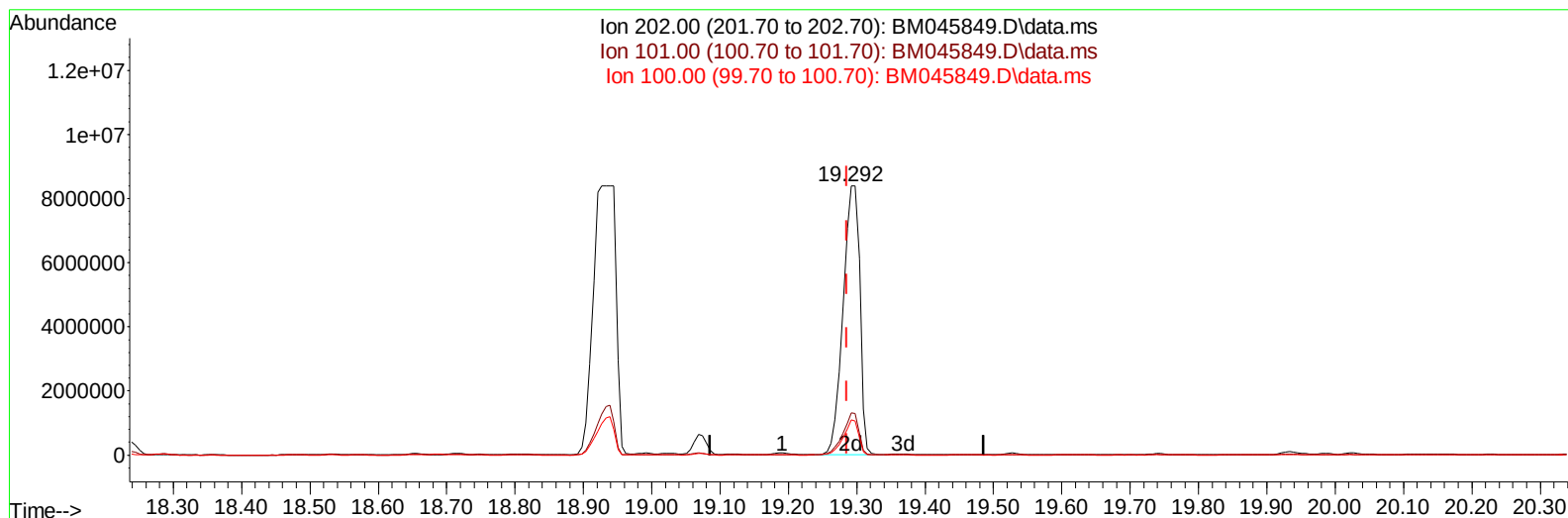
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Data File : BM045849.D
Acq On : 05 Jun 2024 14:17
Operator : MA/JU
Sample : P2586-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D15

Manual IntegrationsAPPROVED

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TIC: BM045849.D\data.ms

(82) Pyrene

19.292min (+ 0.006) 269.79 ng/ul m

response 14294420

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.10	15.75#
100.00	10.70	13.10#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
 Data File : BM045849.D
 Acq On : 05 Jun 2024 14:17
 Operator : MA/JU
 Sample : P2586-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4D15

Manual IntegrationsAPPROVED

Quant Time: Jun 06 01:31:57 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 31 13:01:11 2024
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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.463	152		254987	20.000	ng/ul	0.00
20) Naphthalene-d8	10.228	136		1020139	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.104	164		569542	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.857	188		960130	20.000	ng/ul	0.00
79) Chrysene-d12	21.074	240		684017	20.000	ng/ul	0.00
88) Perylene-d12	23.791	264		826418	20.000	ng/ul	# 0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.052	96		30985	4.711	ng/uL	0.00
4) Pyridine-d5	0.000	84		0d	0.000	ng/ul	
7) Phenol-d5	6.722	99		712026	32.870	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.828	67		493935	31.754	ng/ul	0.00
11) 2-Chlorophenol-d4	7.028	132		573383	35.436	ng/ul	0.00
15) 4-Methylphenol-d8	8.234	113		538296	32.892	ng/ul	0.00
21) Nitrobenzene-d5	8.628	128		284196	35.631	ng/ul	0.00
24) 2-Nitrophenol-d4	9.339	143		307600	38.105	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.886	165		529981	35.011	ng/ul	0.00
31) 4-Chloroaniline-d4	10.416	131		267112	12.750	ng/ul	0.00
46) Dimethylphthalate-d6	13.551	166		1433666	36.360	ng/ul	0.00
49) Acenaphthylene-d8	13.798	160		1637021	35.753	ng/ul	0.00
54) 4-Nitrophenol-d4	14.410	143		141484	16.627	ng/ul	0.00
60) Fluorene-d10	15.104	176		1146981	34.099	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.251	200		91929	18.750	ng/ul	0.00
73) Anthracene-d10	16.951	188		1459392	34.965	ng/ul	0.00
81) Pyrene-d10	19.256	212		1408370	33.108	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.615	264		1053312	27.271	ng/ul	0.01
Target Compounds							
						Qvalue	
8) Phenol	6.746	94		31300	1.393	ng/ul#	82
18) 4-Methylphenol	8.298	108		37512	2.204	ng/ul	94
26) 2,4-Dimethylphenol	9.481	107		25064m	1.400	ng/ul	
30) Naphthalene	10.275	128		1466985	26.967	ng/ul	99
36) 2-Methylnaphthalene	11.898	142		531026	14.740	ng/ul	100
37) 1-Methylnaphthalene	12.122	142		472668	13.123	ng/ul	100
43) 1,1'-Biphenyl	12.939	154		169519	4.012	ng/ul	99
50) Acenaphthylene	13.827	152		1507390	28.446	ng/ul	100
52) Acenaphthene	14.169	153		688119	19.459	ng/ul	98
56) Dibenzofuran	14.510	168		1318372	27.646	ng/ul	100
61) Fluorene	15.163	166		1014237	26.396	ng/ul	98
72) Phenanthrene	16.904	178		17790156m	351.651	ng/ul	
74) Anthracene	16.986	178		2310177	45.717	ng/ul	99
77) Carbazole	17.274	167		2856116	66.241	ng/ul	98
80) Fluoranthene	18.927	202		19284285m	373.951	ng/ul	
82) Pyrene	19.292	202		14294420m	269.790	ng/ul	
85) Benzo(a)anthracene	21.056	228		5401948	114.376	ng/ul	94
87) Chrysene	21.115	228		7272751	166.456	ng/ul	97
90) Benzo(b)fluoranthene	22.962	252		7773458	153.059	ng/ul	99
91) Benzo(k)fluoranthene	23.003	252		2523374	50.869	ng/ul	96
93) Benzo(a)pyrene	23.674	252		2423307	54.300	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.809	276		2178057	44.690	ng/ul	99
95) Dibenzo(a,h)anthracene	26.838	278		724661	18.799	ng/ul	94

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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)
96) Benzo(g,h,i)perylene	27.738	276		270631	6.305	ng/ul	97

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

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