

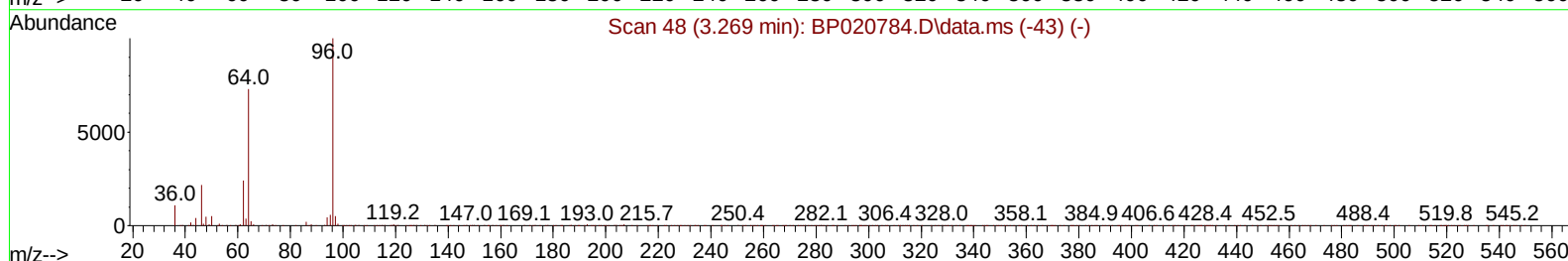
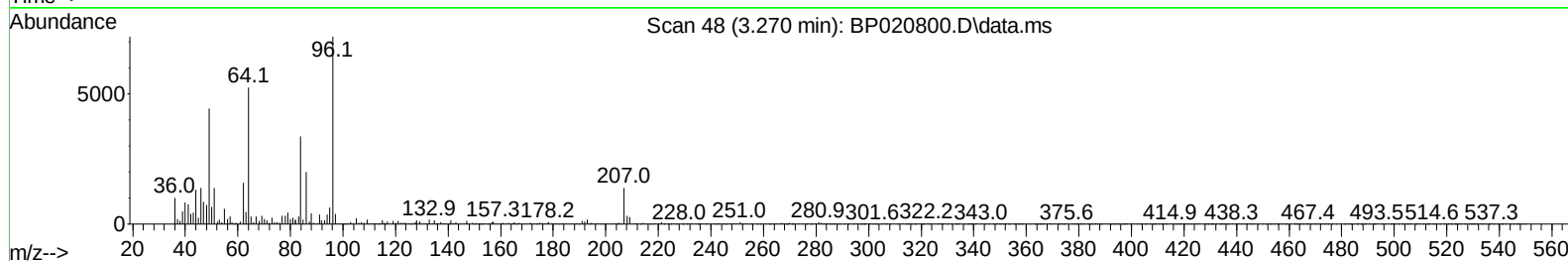
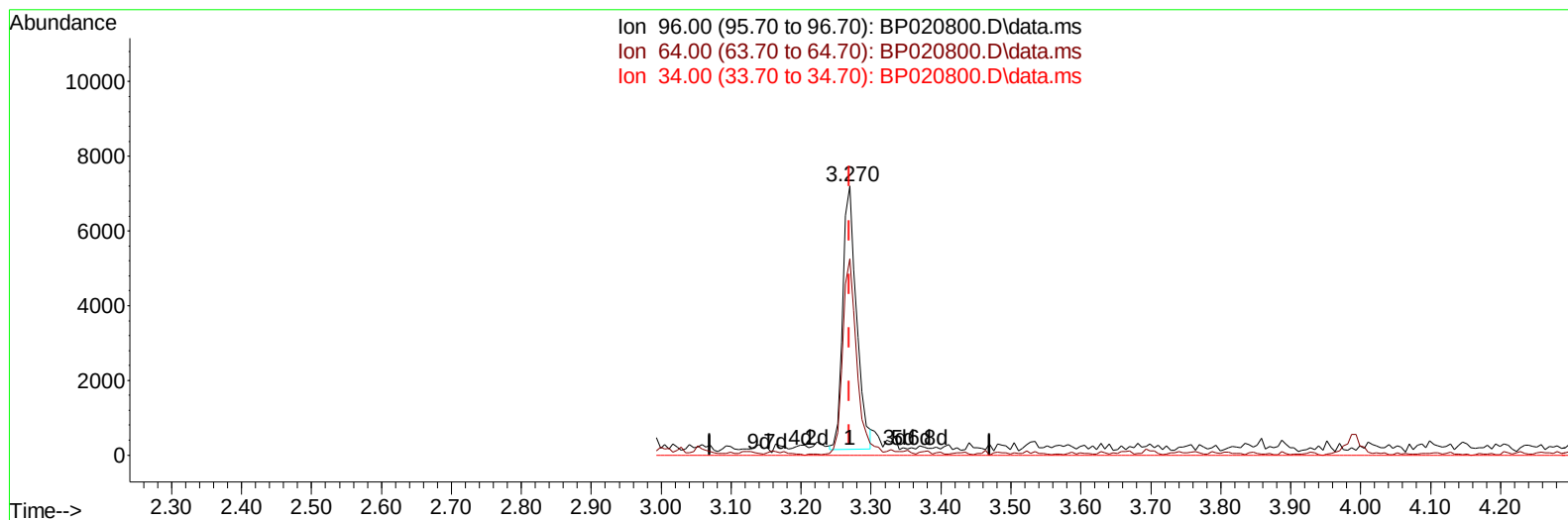
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070524\
 Data File : BP020800.D
 Acq On : 05 Jul 2024 23:45
 Operator : MA/JU
 Sample : P2964-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4CS2

Manual IntegrationsAPPROVED

Quant Time: Jul 06 00:10:55 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 03 15:01:56 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/08/2024
 Supervised By :mohammad ahmed 07/08/2024



TIC: BP020800.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.270min (+ 0.000) 1.99 ng/uL

response 9708

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	73.90	72.91
34.00	0.00	0.00
0.00	0.00	0.00

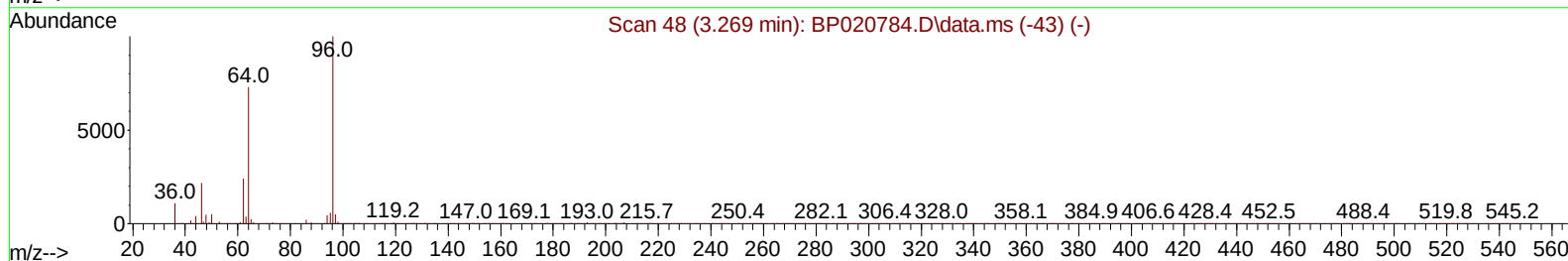
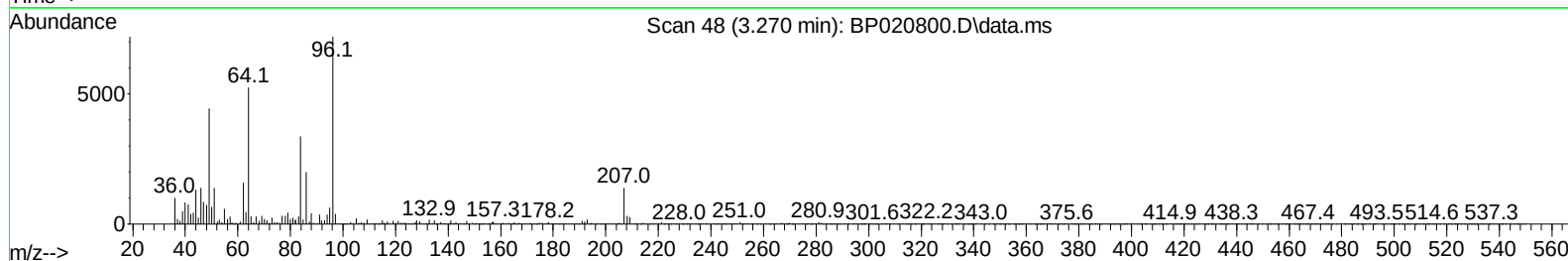
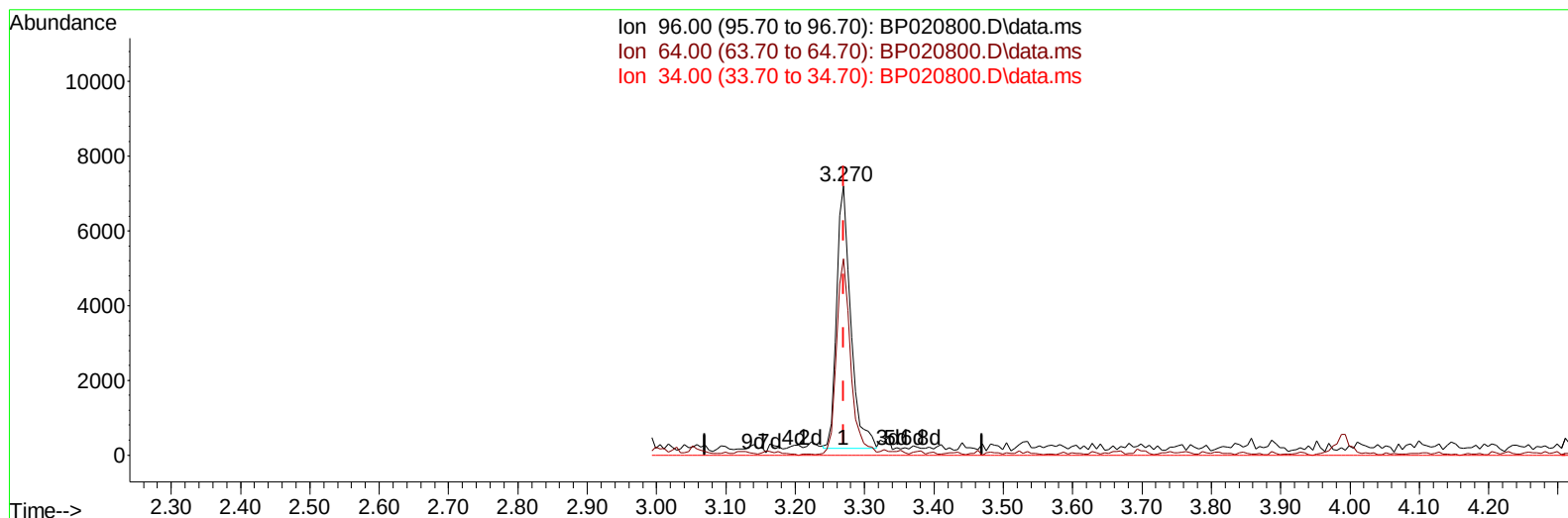
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070524\
Data File : BP020800.D
Acq On : 05 Jul 2024 23:45
Operator : MA/JU
Sample : P2964-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CS2

Manual IntegrationsAPPROVED

Quant Time: Jul 06 00:10:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 15:01:56 2024
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Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



TIC: BP020800.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.270min (+ 0.000) 2.02 ng/uL m

response 9863

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	73.90	72.91
34.00	0.00	0.00
0.00	0.00	0.00

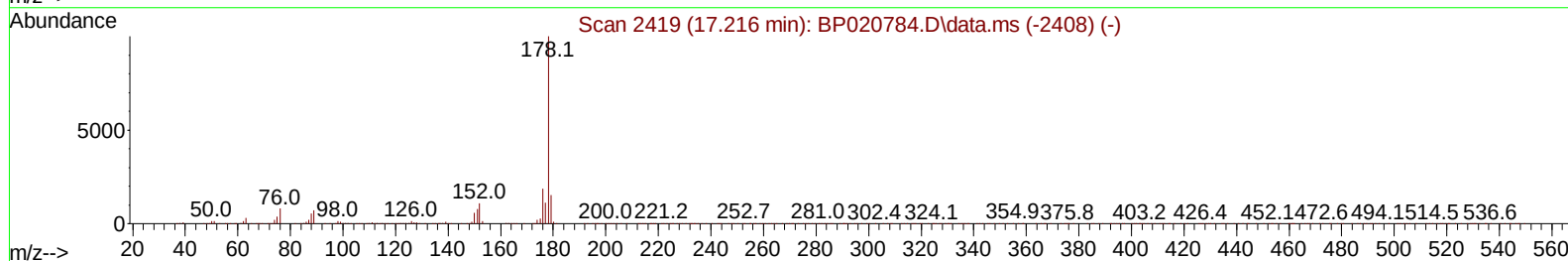
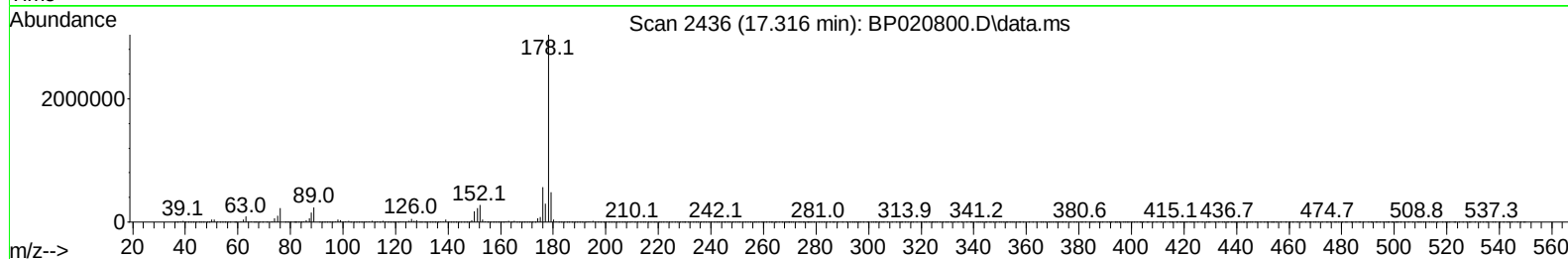
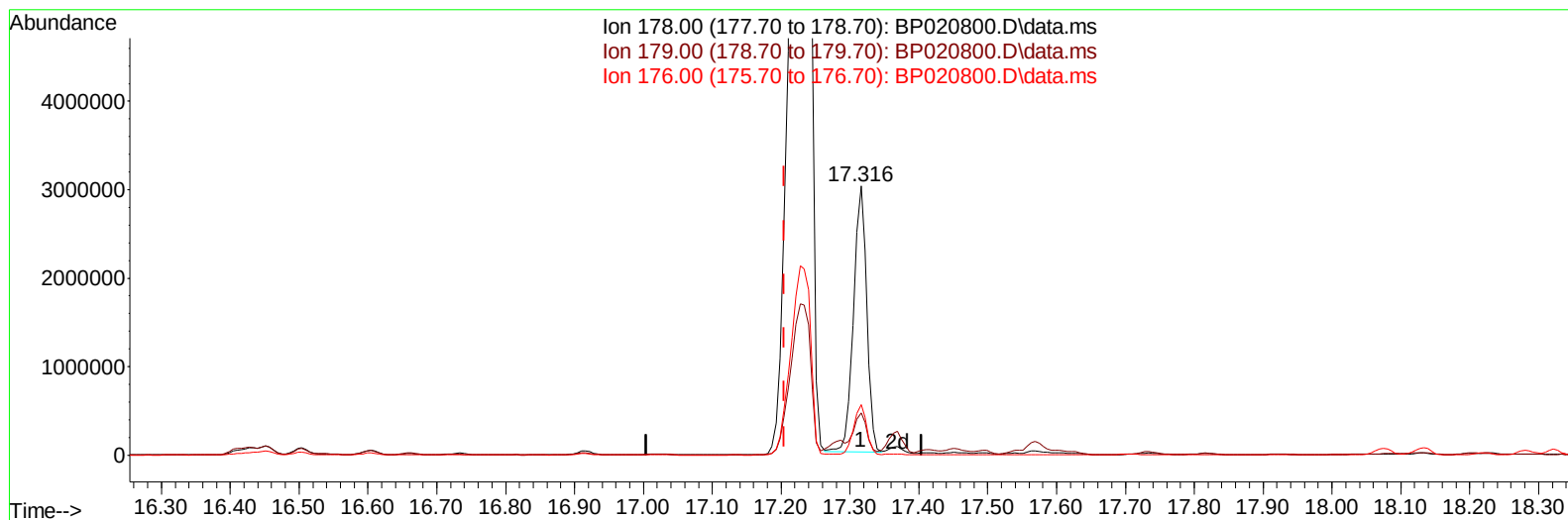
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070524\
 Data File : BP020800.D
 Acq On : 05 Jul 2024 23:45
 Operator : MA/JU
 Sample : P2964-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4CS2

Manual IntegrationsAPPROVED

Quant Time: Jul 06 00:11:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 03 15:01:56 2024
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Reviewed By :Yogesh Patel 07/08/2024
 Supervised By :mohammad ahmed 07/08/2024



TIC: BP020800.D\data.ms

(72) Phenanthrene

17.316min (+ 0.112) 70.11 ng/ul

response 4013145

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.50	15.78
176.00	19.30	18.70
0.00	0.00	0.00

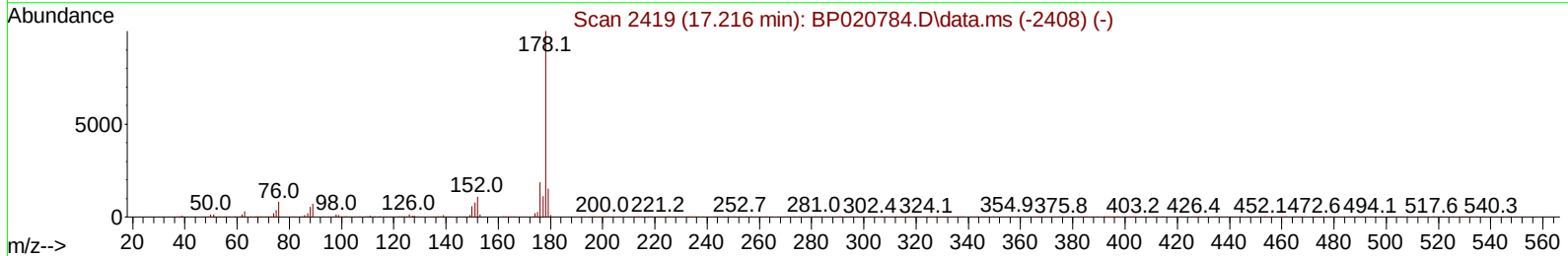
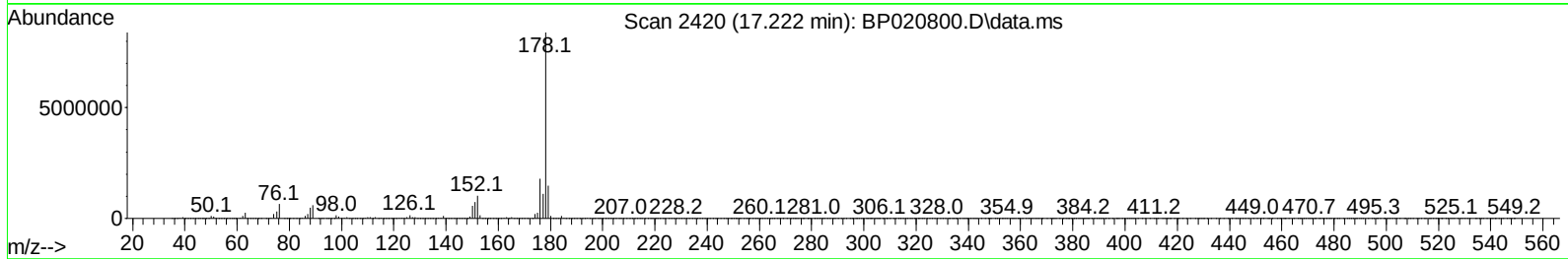
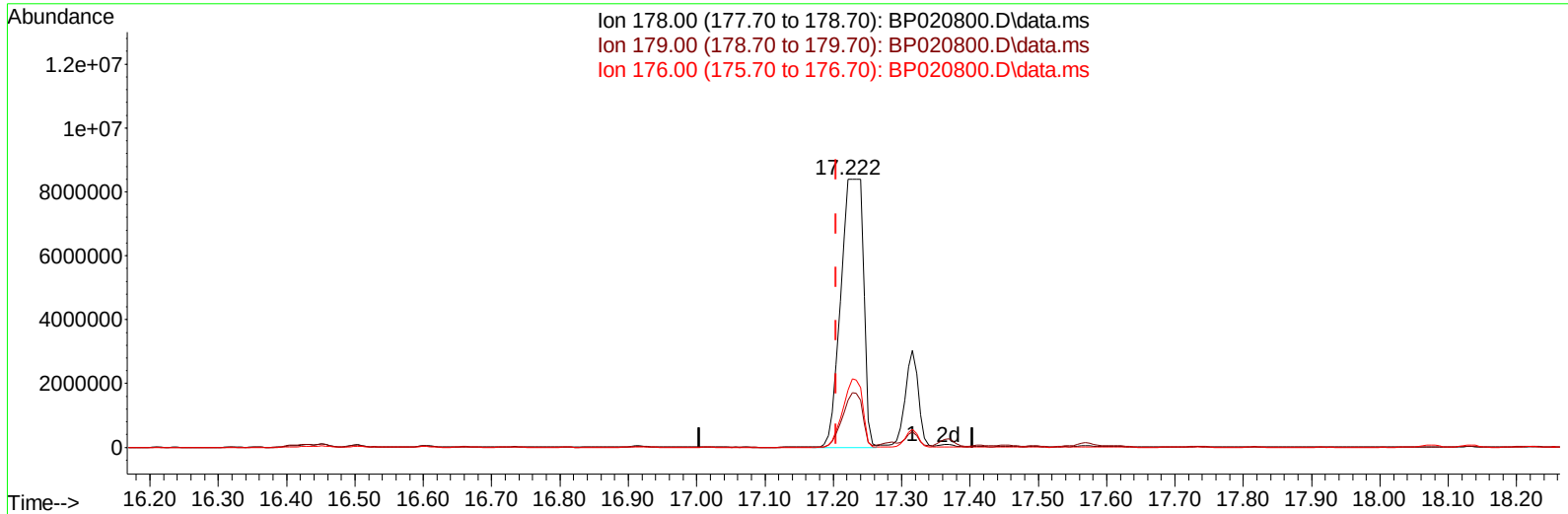
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070524\
 Data File : BP020800.D
 Acq On : 05 Jul 2024 23:45
 Operator : MA/JU
 Sample : P2964-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4CS2

Manual IntegrationsAPPROVED

Quant Time: Jul 06 00:11:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
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Reviewed By :Yogesh Patel 07/08/2024
 Supervised By :mohammad ahmed 07/08/2024



TIC: BP020800.D\data.ms

(72) Phenanthrene

17.222min (+ 0.018) 336.77 ng/ul m

response 19277826

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.50	17.62
176.00	19.30	21.38
0.00	0.00	0.00

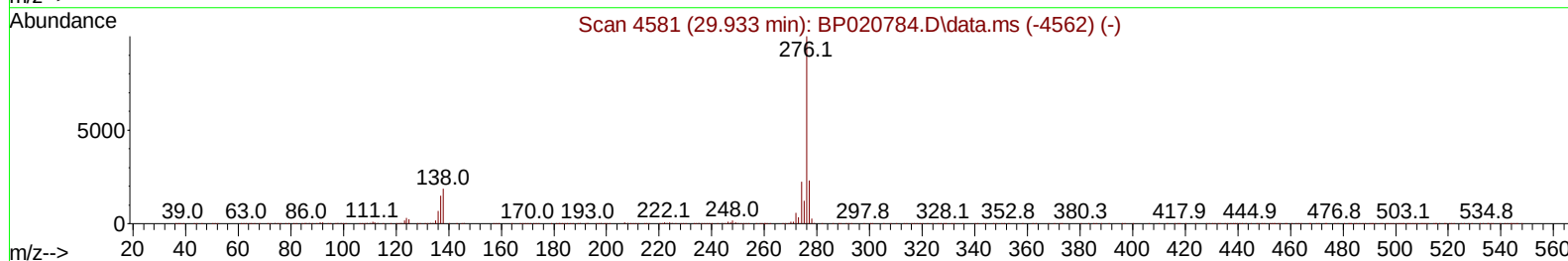
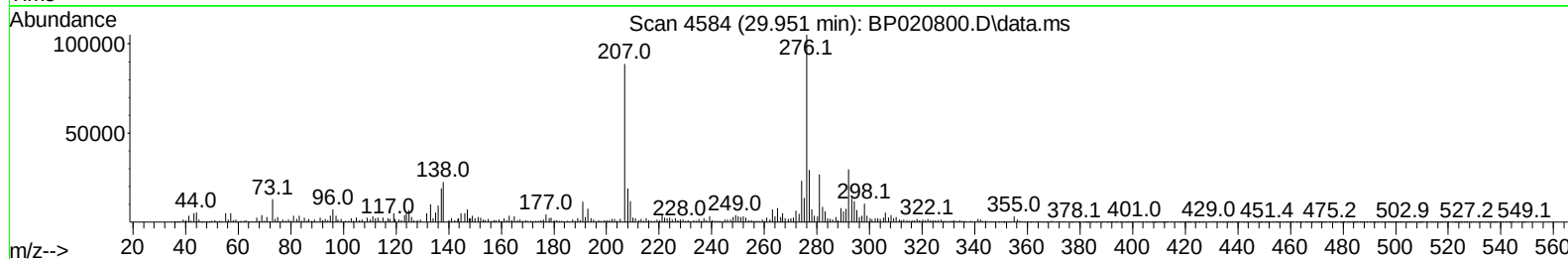
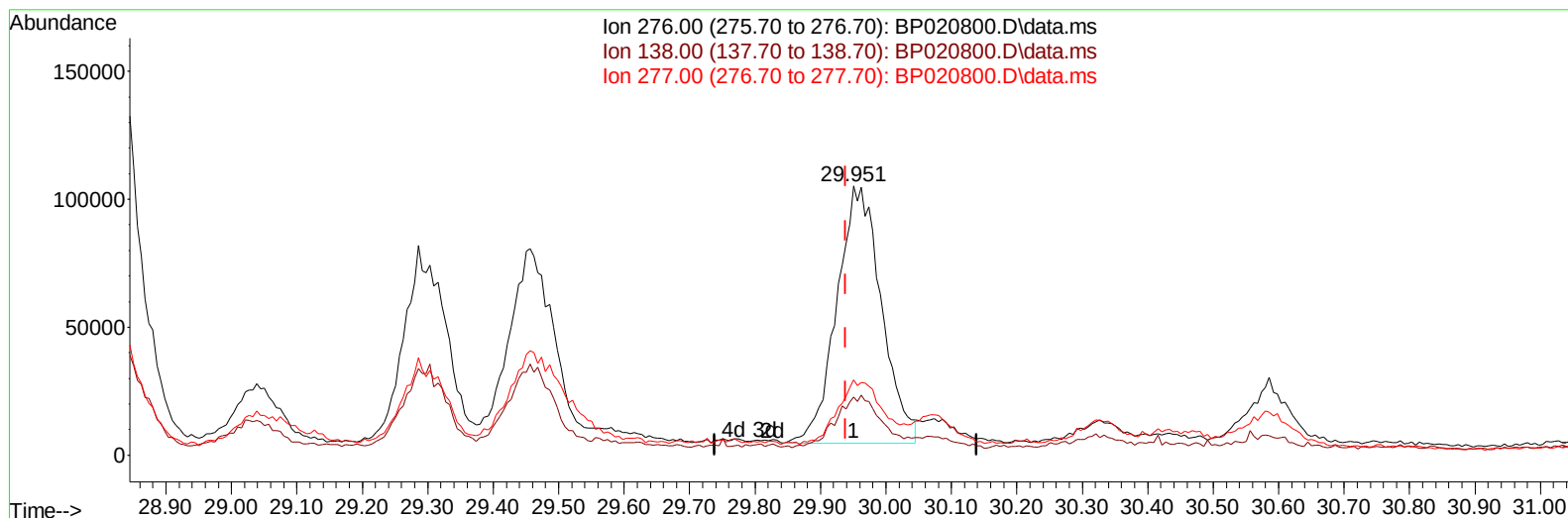
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070524\
Data File : BP020800.D
Acq On : 05 Jul 2024 23:45
Operator : MA/JU
Sample : P2964-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CS2

Manual IntegrationsAPPROVED

Quant Time: Jul 06 00:12:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 15:01:56 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024



TIC: BP020800.D\data.ms

(96) Benzo(g,h,i)perylene

29.951min (+ 0.012) 6.61 ng/u1

response 476329

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.50	21.54
277.00	23.40	27.97
0.00	0.00	0.00

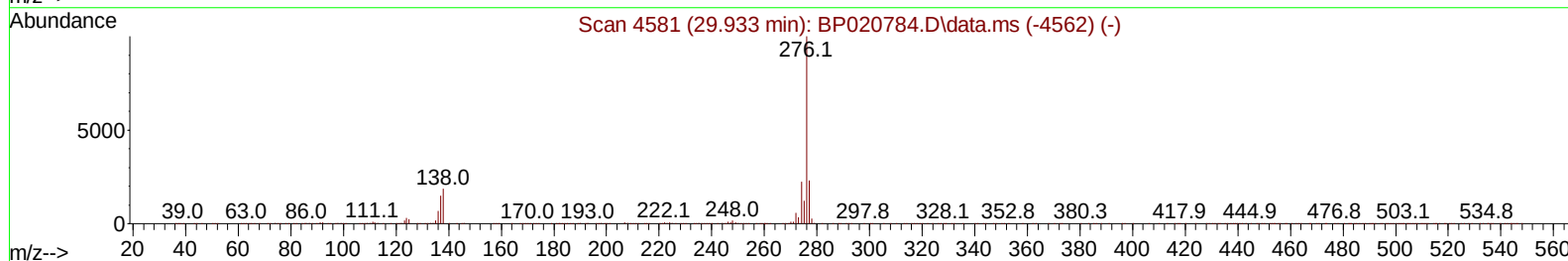
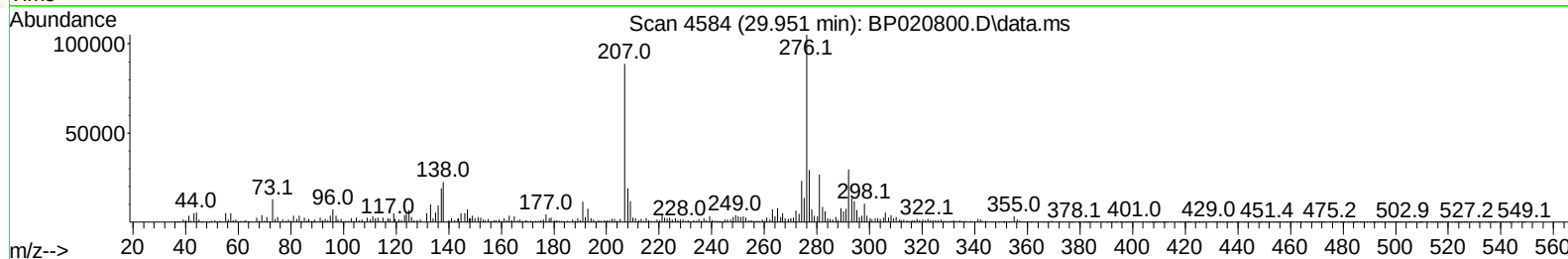
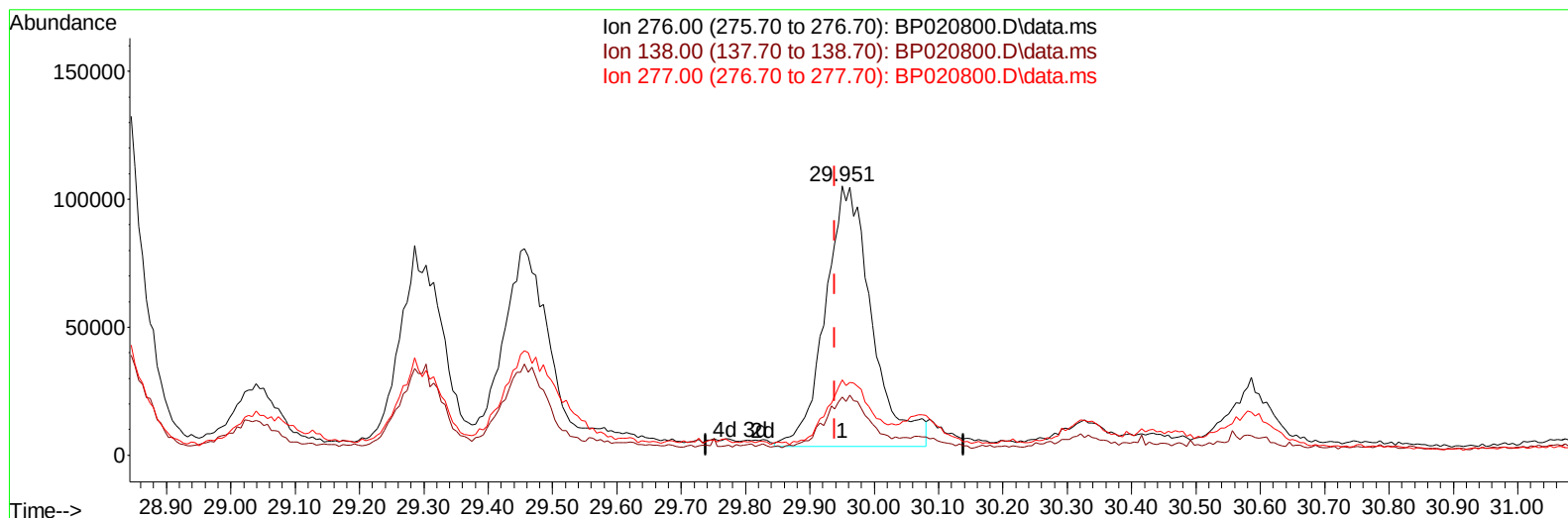
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070524\
Data File : BP020800.D
Acq On : 05 Jul 2024 23:45
Operator : MA/JU
Sample : P2964-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CS2

Manual IntegrationsAPPROVED

Quant Time: Jul 06 00:12:38 2024
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Supervised By :mohammad ahmed 07/08/2024



TIC: BP020800.D\data.ms

(96) Benzo(g,h,i)perylene

29.951min (+ 0.012) 7.14 ng/ul m

response 514271

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	20.50	21.54
277.00	23.40	27.97
0.00	0.00	0.00

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 Operator : MA/JU
 Sample : P2964-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4CS2

Manual IntegrationsAPPROVED

Quant Time: Jul 06 00:14:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 03 15:01:56 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/08/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	209337	20.000	ng/ul	0.00
20) Naphthalene-d8	10.487	136	830773	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.357	164	538696	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.175	188	1093159	20.000	ng/ul	0.01
79) Chrysene-d12	21.633	240	943422	20.000	ng/ul	0.01
88) Perylene-d12	24.974	264	1203134	20.000	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	9863m	2.023	ng/uL	0.00
4) Pyridine-d5	3.687	84	36764	2.588	ng/ul	0.00
7) Phenol-d5	6.917	99	207691	12.096	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.069	67	138116	12.689	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.269	132	186852	13.316	ng/ul	0.00
15) 4-Methylphenol-d8	8.434	113	182915	13.117	ng/ul	0.00
21) Nitrobenzene-d5	8.881	128	94354	15.383	ng/ul	0.00
24) 2-Nitrophenol-d4	9.593	143	101680	16.566	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.122	165	183797	14.537	ng/ul	0.00
31) 4-Chloroaniline-d4	10.640	131	127537	7.198	ng/ul	0.00
46) Dimethylphthalate-d6	13.757	166	601444	16.058	ng/ul	0.00
49) Acenaphthylene-d8	14.046	160	677032	15.148	ng/ul	0.00
54) 4-Nitrophenol-d4	14.604	143	56121	9.807	ng/ul	0.02
60) Fluorene-d10	15.369	176	531767	16.872	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.516	200	59726	10.842	ng/ul	0.02
73) Anthracene-d10	17.281	188	788448	16.071	ng/ul	0.02
81) Pyrene-d10	19.657	212	772163	13.624	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.751	264	662648	11.322	ng/ul	0.01
Target Compounds						
						Qvalue
30) Naphthalene	10.540	128	1251210	28.138	ng/ul	100
36) 2-Methylnaphthalene	12.157	142	765503	25.700	ng/ul	100
37) 1-Methylnaphthalene	12.375	142	537651	17.657	ng/ul	99
43) 1,1'-Biphenyl	13.181	154	158685	3.939	ng/ul	98
50) Acenaphthylene	14.069	152	64083	1.269	ng/ul#	68
52) Acenaphthene	14.422	153	2411070	71.996	ng/ul	99
56) Dibenzofuran	14.763	168	922165	20.435	ng/ul	100
61) Fluorene	15.428	166	2224749	61.359	ng/ul	99
72) Phenanthrene	17.222	178	19277826m	336.767	ng/ul	
74) Anthracene	17.316	178	3995160	67.850	ng/ul	99
77) Carbazole	17.592	167	1232938	25.371	ng/ul	98
80) Fluoranthene	19.322	202	16092914	232.452	ng/ul	99
82) Pyrene	19.704	202	16100123	226.756	ng/ul	98
85) Benzo(a)anthracene	21.616	228	9301798	140.667	ng/ul	95
87) Chrysene	21.686	228	9882267	158.107	ng/ul	96
90) Benzo(b)fluoranthene	23.945	252	9710090	133.220	ng/ul	98
91) Benzo(k)fluoranthene	23.998	252	3208586	43.519	ng/ul	96
93) Benzo(a)pyrene	24.827	252	4660082	67.729	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.792	276	3404786	38.580	ng/ul	97
95) Dibenzo(a,h)anthracene	28.827	278	1346140	18.559	ng/ul#	92
96) Benzo(g,h,i)perylene	29.951	276	514271m	7.137	ng/ul	

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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
A4CS2

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/08/2024
Supervised By :mohammad ahmed 07/08/2024

Quant Time: Jul 06 00:14:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 15:01:56 2024
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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev	(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070524\
Data File : BP020800.D
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