

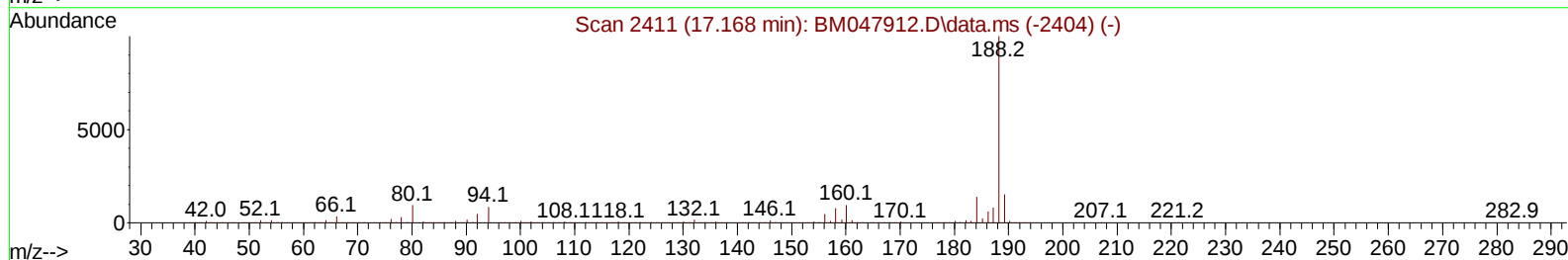
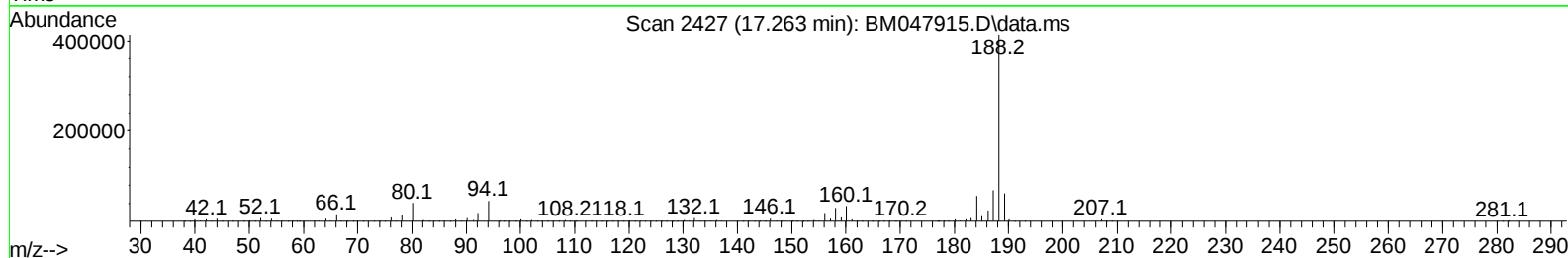
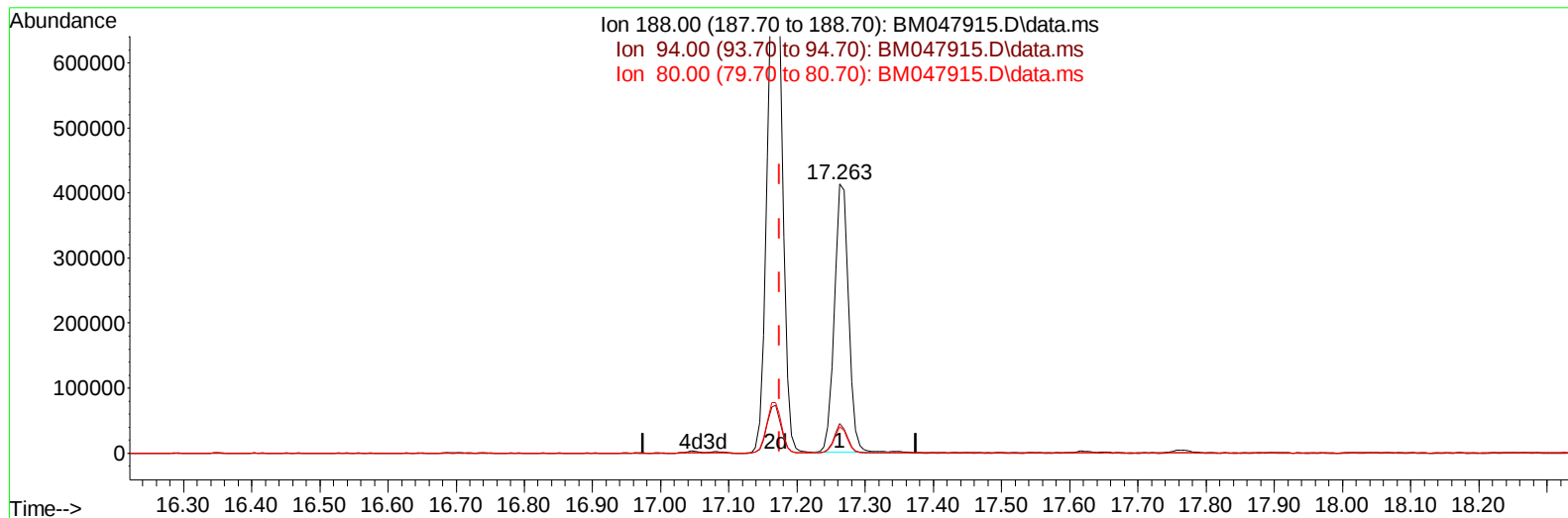
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100724\
 Data File : BM047915.D
 Acq On : 08 Oct 2024 16:27
 Operator : RC/JU
 Sample : P4183-22
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4EN2

Manual IntegrationsAPPROVED

Quant Time: Oct 08 17:02:22 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 04 08:32:31 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/09/2024
 Supervised By :mohammad ahmed 10/11/2024



TIC: BM047915.D\data.ms

(64) Phenanthrene-d10 (I)

17.263min (+ 0.088) 20.00 ng/u1

response 597632

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.10	10.96
80.00	11.30	9.77
0.00	0.00	0.00

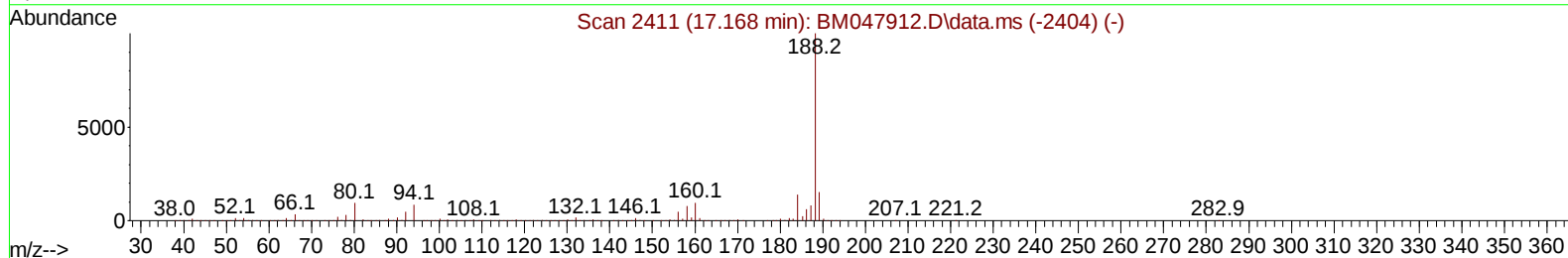
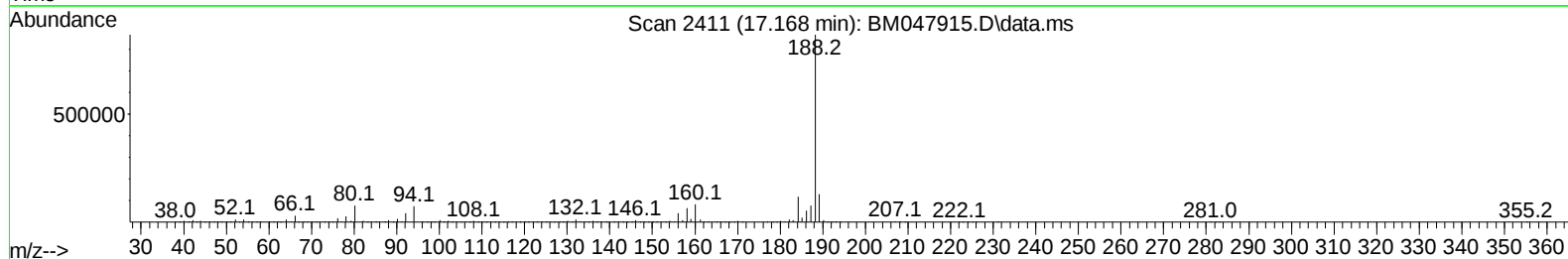
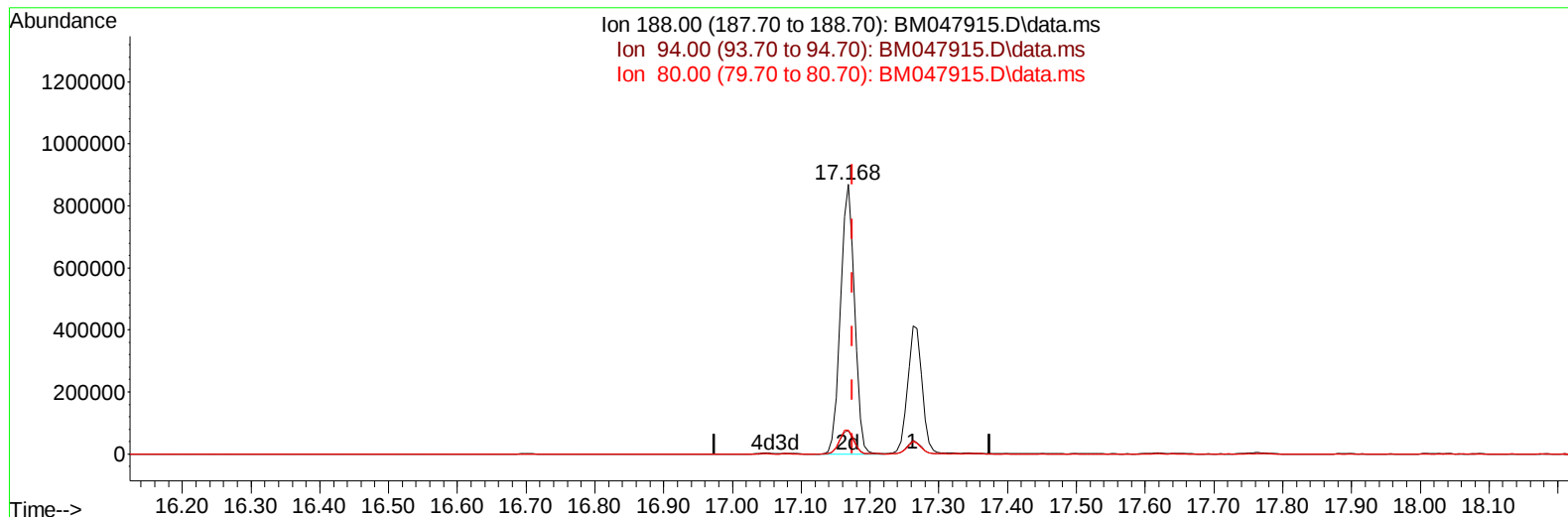
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100724\
 Data File : BM047915.D
 Acq On : 08 Oct 2024 16:27
 Operator : RC/JU
 Sample : P4183-22
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4EN2

Manual IntegrationsAPPROVED

Quant Time: Oct 08 17:02:22 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 04 08:32:31 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/09/2024
 Supervised By :mohammad ahmed 10/11/2024



TIC: BM047915.D\data.ms

(64) Phenanthrene-d10 (I)

17.168min (-0.006) 20.00 ng/ul m

response 1229479

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.10	8.53
80.00	11.30	8.89#
0.00	0.00	0.00

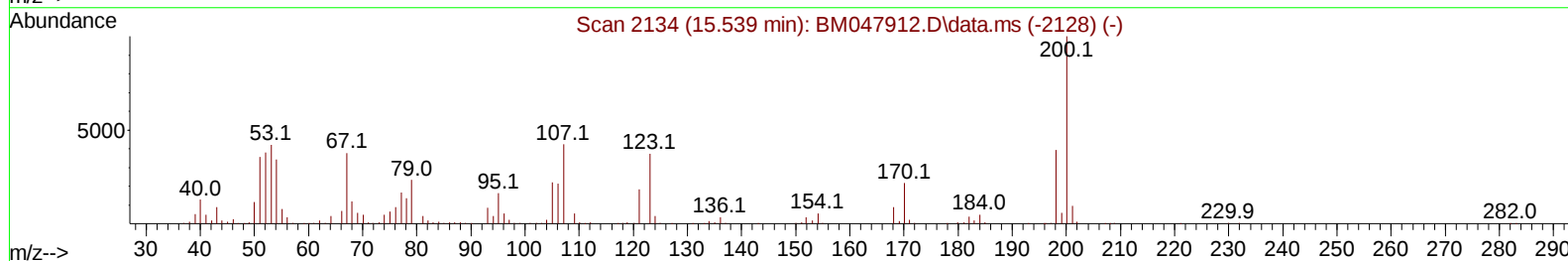
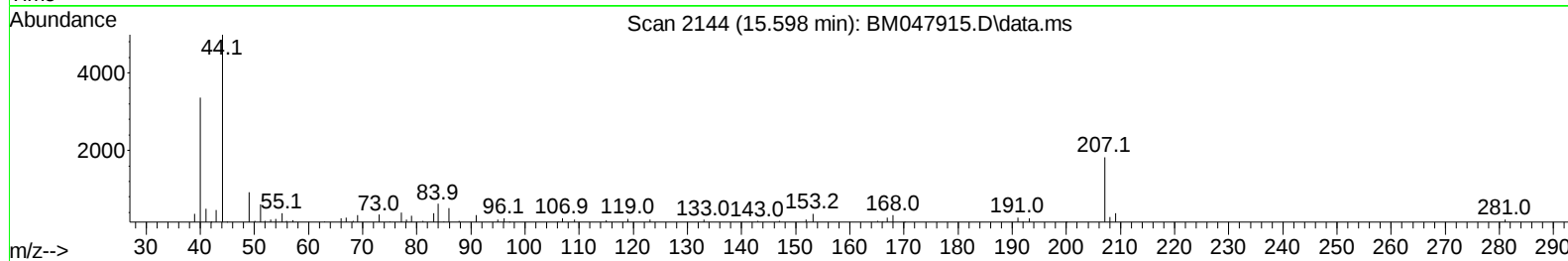
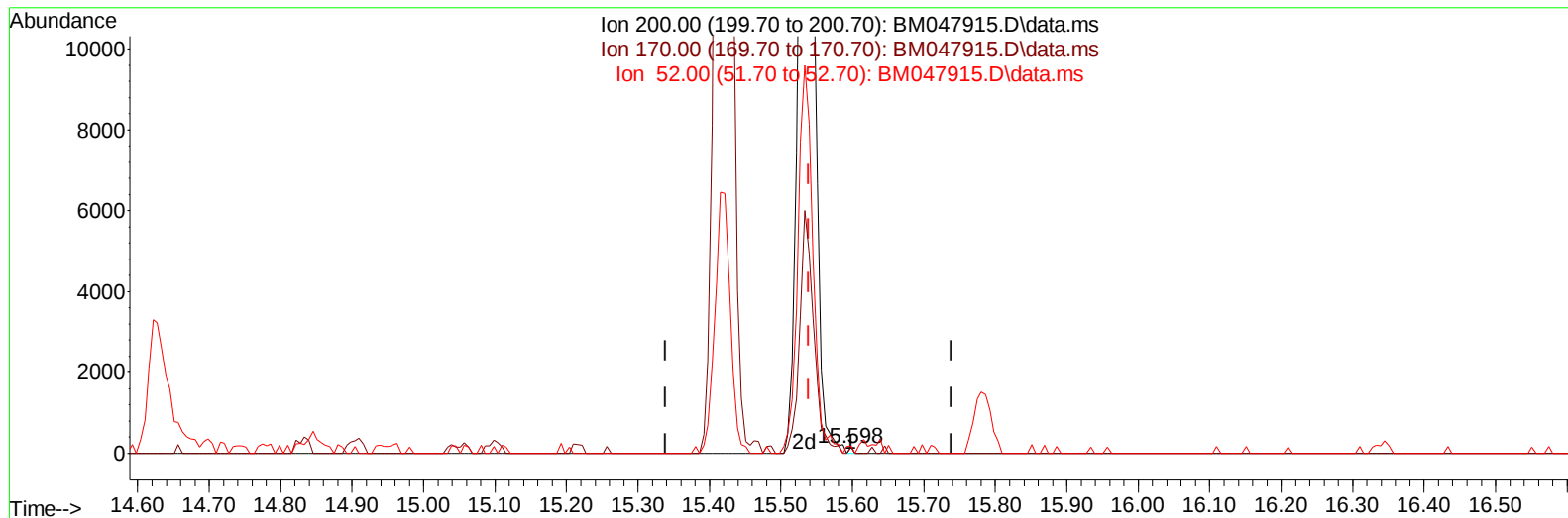
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100724\
Data File : BM047915.D
Acq On : 08 Oct 2024 16:27
Operator : RC/JU
Sample : P4183-22
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4EN2

Manual IntegrationsAPPROVED

Quant Time: Oct 08 17:03:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 04 08:32:31 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/11/2024



TIC: BM047915.D\data.ms

(65) 4,6-Dinitro-2-methylphenol-d2 (S)

15.598min (+ 0.059) 0.01 ng/ul

response 53

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	20.50	102.67#
52.00	64.20	122.00#
0.00	0.00	0.00

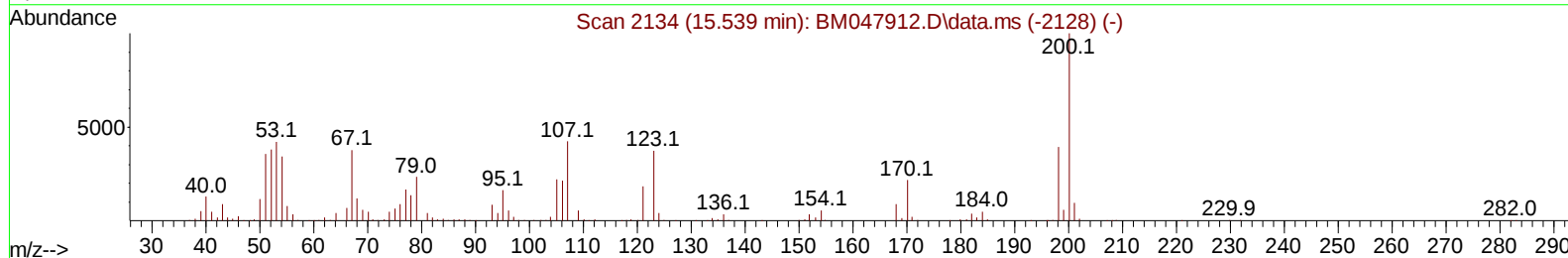
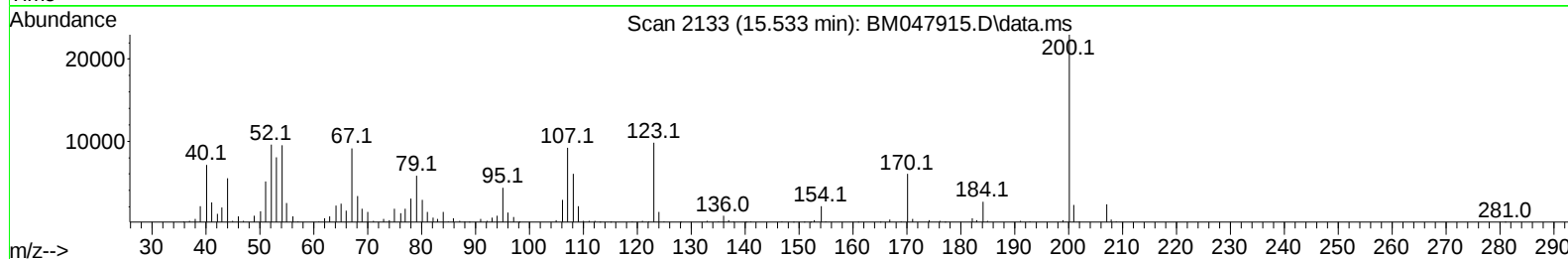
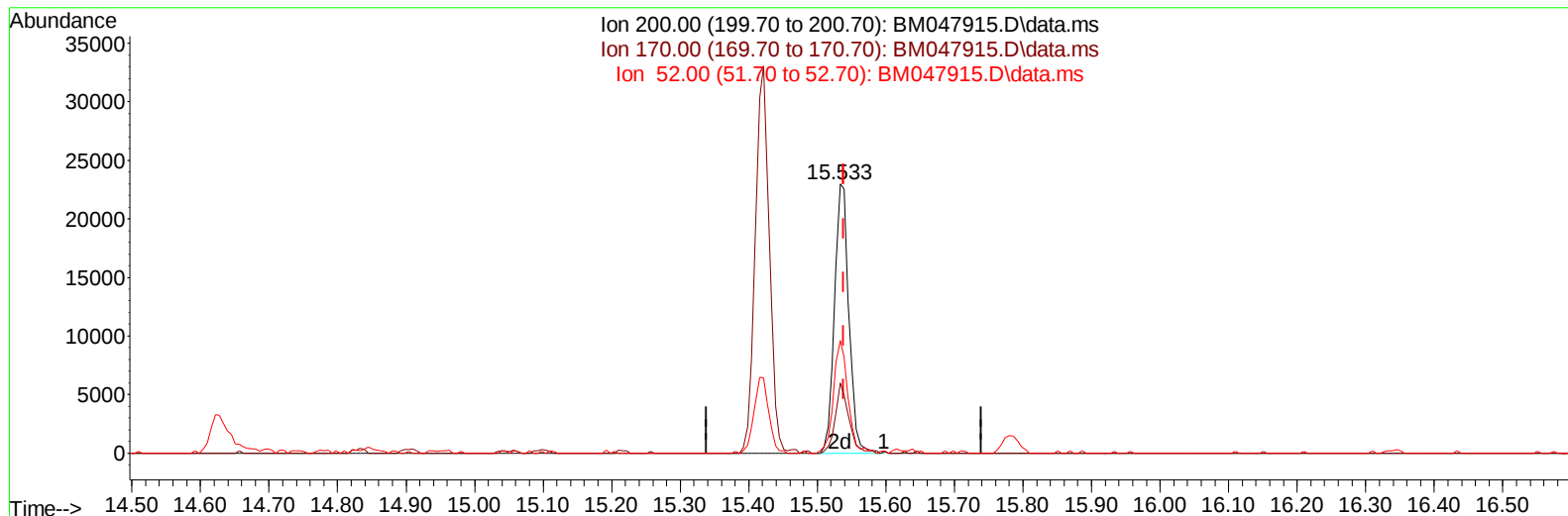
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100724\
Data File : BM047915.D
Acq On : 08 Oct 2024 16:27
Operator : RC/JU
Sample : P4183-22
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4EN2

Manual IntegrationsAPPROVED

Quant Time: Oct 08 17:03:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 04 08:32:31 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/11/2024



TIC: BM047915.D\data.ms

(65) 4,6-Dinitro-2-methylphenol-d2 (S)

15.533min (-0.006) 4.68 ng/ul m

response 33655

Ion	Exp%	Act%
200.00	100.00	100.00
170.00	20.50	26.17#
52.00	64.20	41.78#
0.00	0.00	0.00

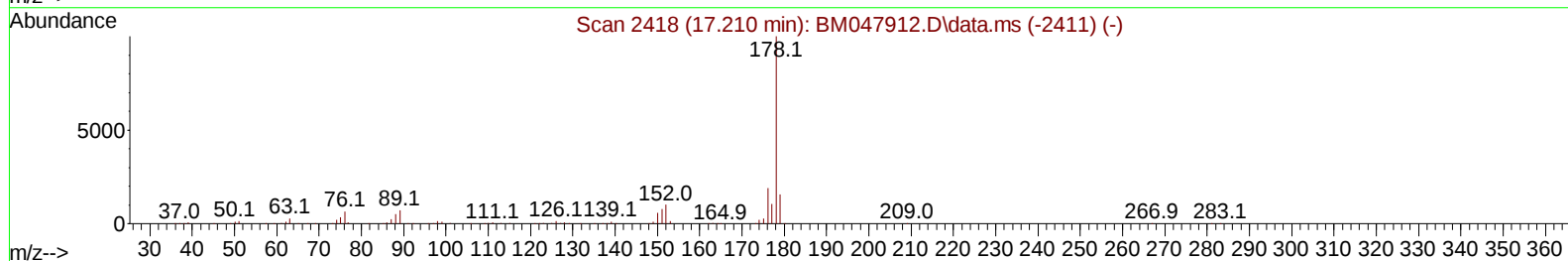
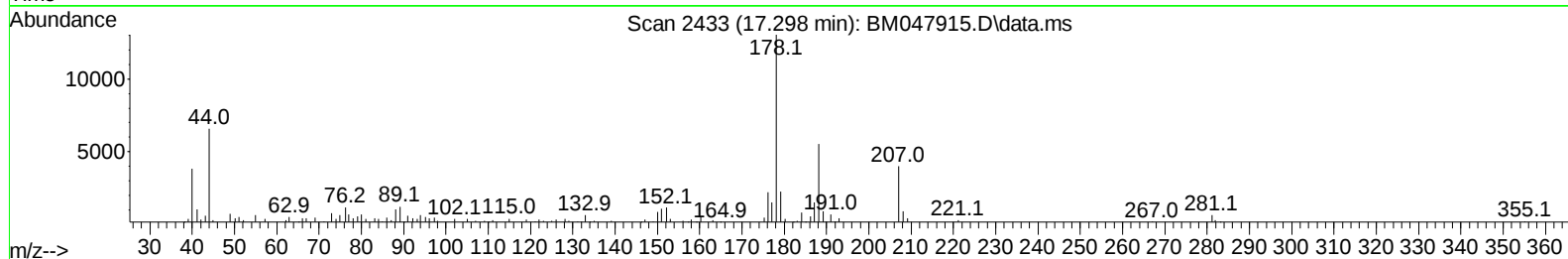
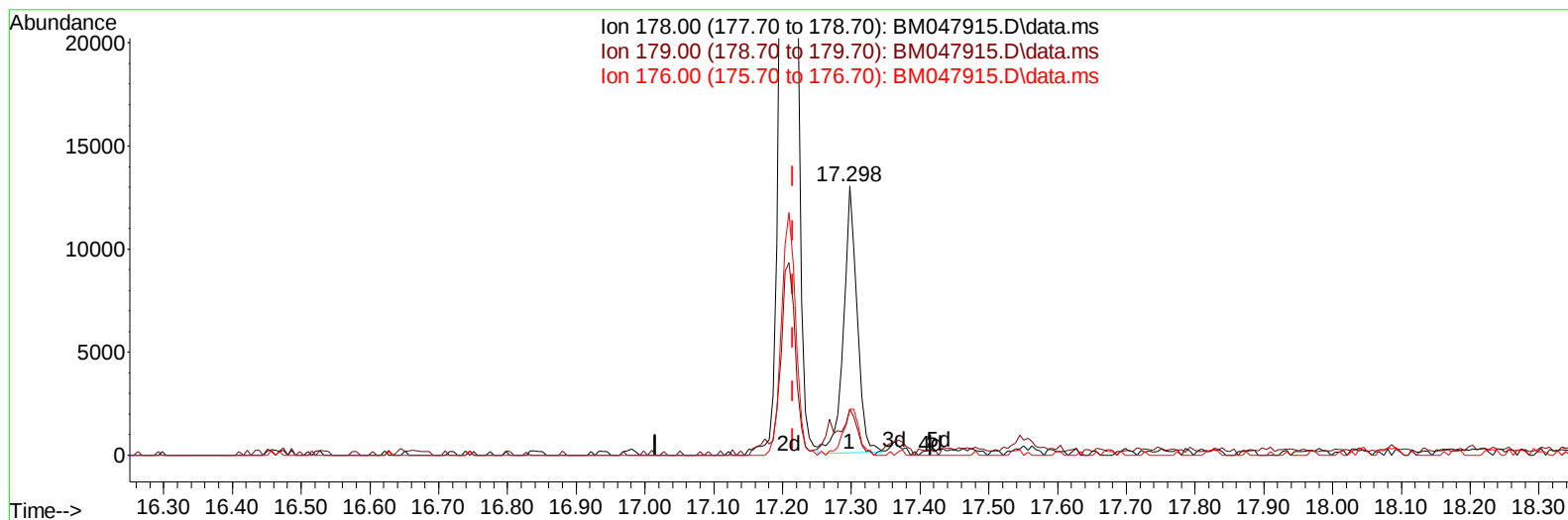
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100724\
Data File : BM047915.D
Acq On : 08 Oct 2024 16:27
Operator : RC/JU
Sample : P4183-22
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4EN2

Manual IntegrationsAPPROVED

Quant Time: Oct 08 17:03:23 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 04 08:32:31 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/11/2024



TIC: BM047915.D\data.ms

(72) Phenanthrene

17.298min (+ 0.083) 0.25 ng/u1

response 17854

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.00	17.12
176.00	19.20	17.07
0.00	0.00	0.00

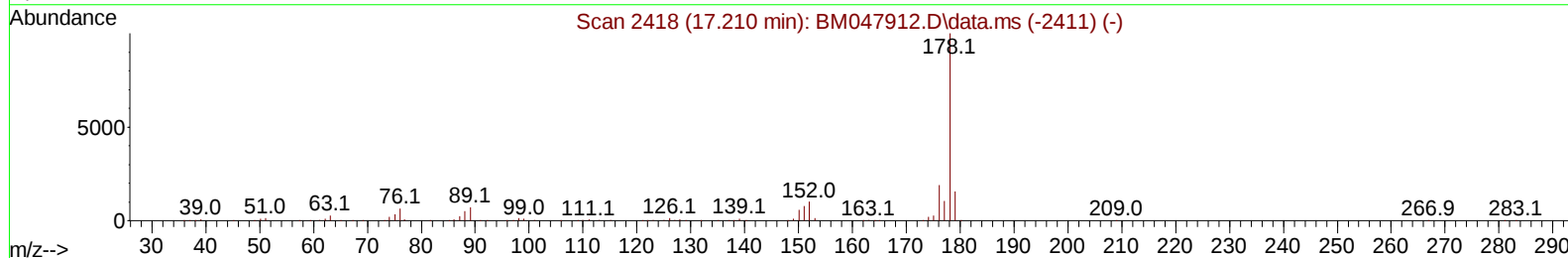
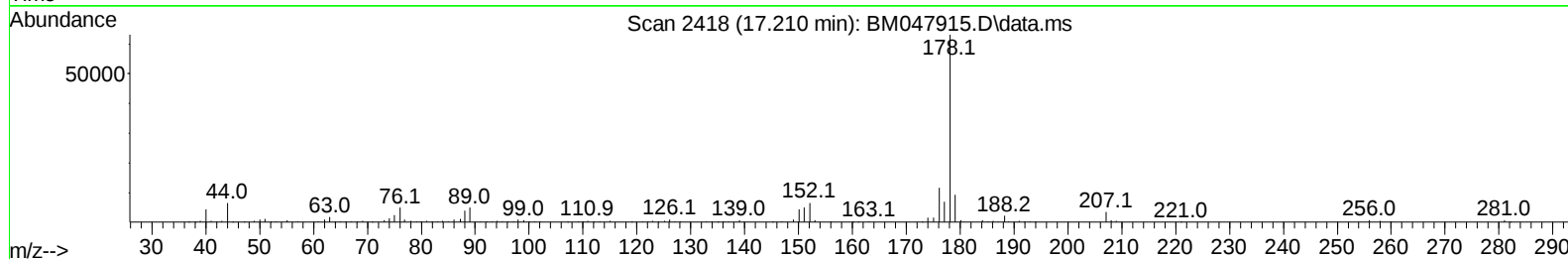
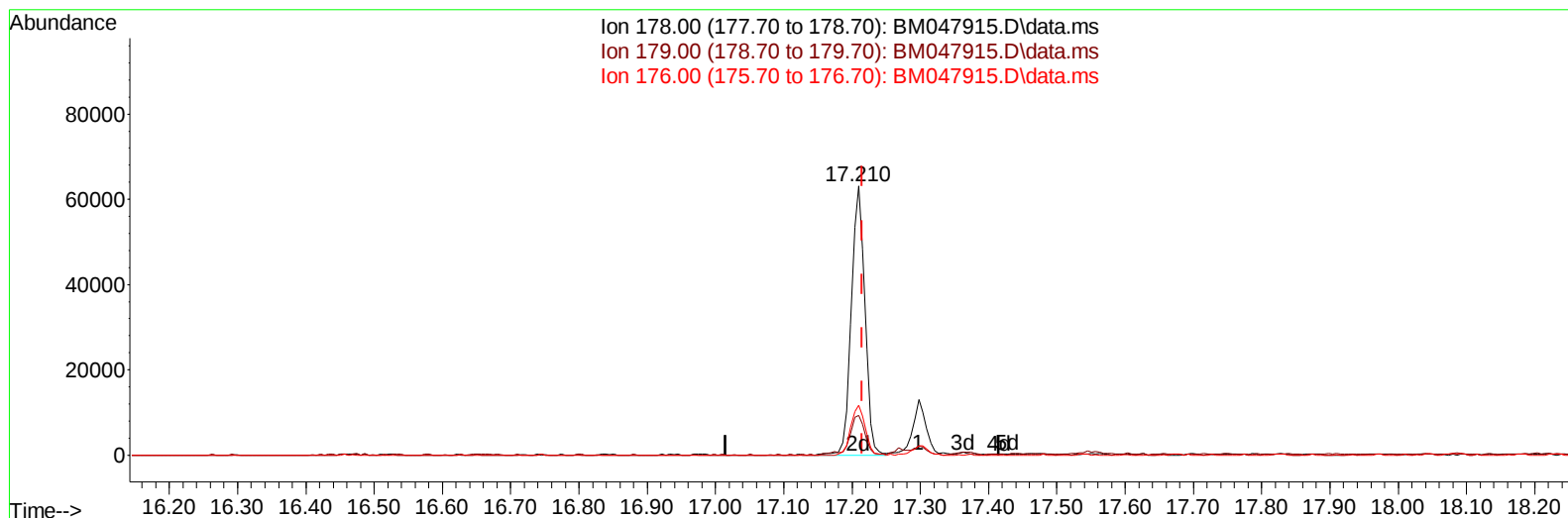
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100724\
 Data File : BM047915.D
 Acq On : 08 Oct 2024 16:27
 Operator : RC/JU
 Sample : P4183-22
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4EN2

Manual IntegrationsAPPROVED

Quant Time: Oct 08 17:03:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 04 08:32:31 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 10/09/2024
 Supervised By :mohammad ahmed 10/11/2024



TIC: BM047915.D\data.ms

(72) Phenanthrene

17.210min (-0.006) 1.21 ng/ul m

response 87324

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.00	14.80
176.00	19.20	18.65
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100724\
 Data File : BM047915.D
 Acq On : 08 Oct 2024 16:27
 Operator : RC/JU
 Sample : P4183-22
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4EN2

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/09/2024
 Supervised By :mohammad ahmed 10/11/2024

Quant Time: Oct 08 17:04:22 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 04 08:32:31 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	246010	20.000	ng/ul	0.00
20) Naphthalene-d8	10.586	136	985966	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.427	164	604738	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.168	188	1229479m	20.000	ng/ul	0.00
79) Chrysene-d12	21.392	240	1133903	20.000	ng/ul	0.00
88) Perylene-d12	24.391	264	1263695	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	6584	0.865	ng/uL	0.00
4) Pyridine-d5	3.681	84	12634	0.567	ng/ul	0.02
7) Phenol-d5	6.963	99	196150	8.432	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.122	67	125886	7.626	ng/ul	0.00
11) 2-Chlorophenol-d4	7.328	132	164942	9.745	ng/ul	0.00
15) 4-Methylphenol-d8	8.498	113	149571	8.648	ng/ul	0.00
21) Nitrobenzene-d5	8.945	128	72737	9.265	ng/ul	0.00
24) 2-Nitrophenol-d4	9.669	143	76727	10.199	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.210	165	147509	9.815	ng/ul	0.00
31) 4-Chloroaniline-d4	10.722	131	192687	8.293	ng/ul	0.00
46) Dimethylphthalate-d6	13.833	166	441933	10.080	ng/ul	-0.01
49) Acenaphthylene-d8	14.122	160	509009	9.792	ng/ul	0.00
54) 4-Nitrophenol-d4	14.627	143	47299	5.418	ng/ul	0.00
60) Fluorene-d10	15.421	176	393408	10.359	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.533	200	33655m	4.678	ng/ul	0.00
73) Anthracene-d10	17.263	188	599215	9.912	ng/ul	-0.01
81) Pyrene-d10	19.551	212	622765	9.677	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.186	264	526906	8.036	ng/ul	0.00
Target Compounds						
						Qvalue
72) Phenanthrene	17.210	178	87324m	1.211	ng/ul	
80) Fluoranthene	19.221	202	130929	1.727	ng/ul	96
82) Pyrene	19.580	202	87564	1.038	ng/ul	94

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100724\
Data File : BM047915.D
Acq On : 08 Oct 2024 16:27
Operator : RC/JU
Sample : P4183-22
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4EN2

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 10/09/2024
Supervised By :mohammad ahmed 10/11/2024

Quant Time: Oct 08 17:04:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 04 08:32:31 2024
Response via : Initial Calibration

