

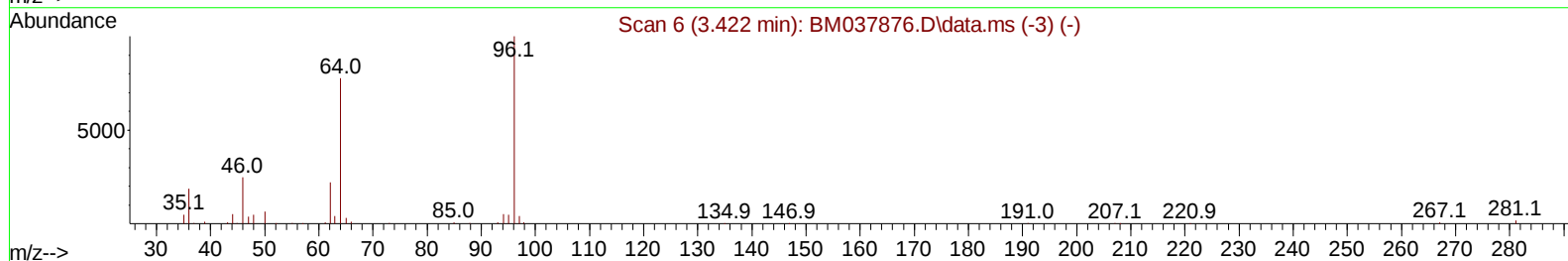
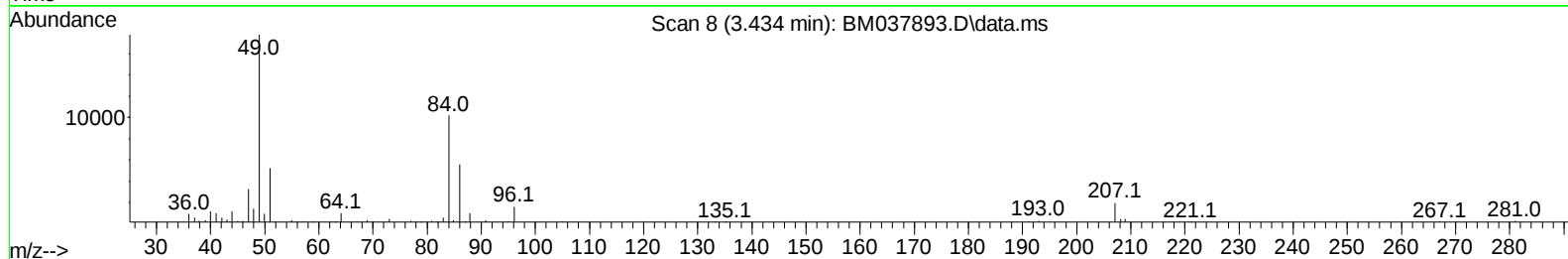
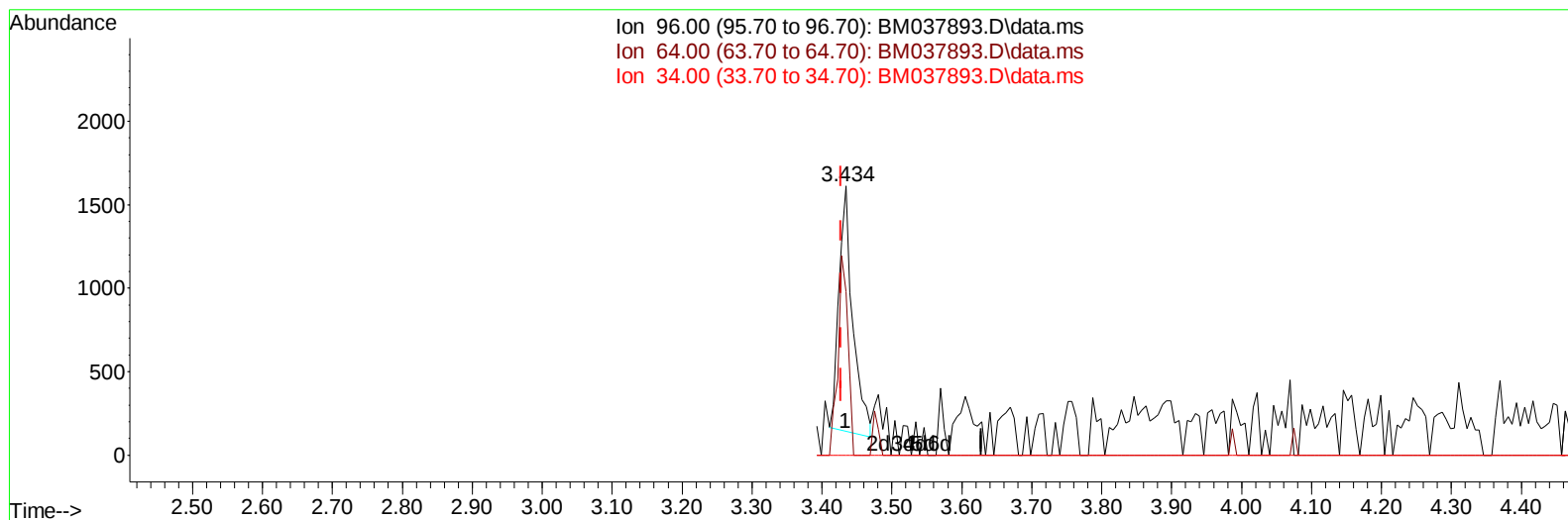
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
 Data File : BM037893.D
 Acq On : 08 Dec 2022 19:04
 Operator : CG/JU
 Sample : N5832-17 10X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXL2

Manual IntegrationsAPPROVED

Quant Time: Dec 08 22:41:18 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 08 01:49:06 2022
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 12/09/2022
 Supervised By :mohammad ahmed 12/10/2022



TIC: BM037893.D\data.ms

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

3.434min (+ 0.006) 0.34 ng/uL

response 2019

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	76.40	60.77#
34.00	0.00	0.00
0.00	0.00	0.00

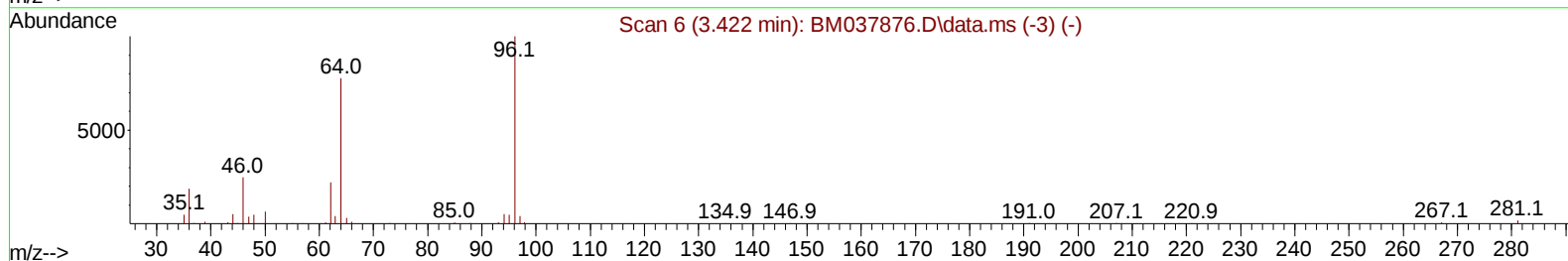
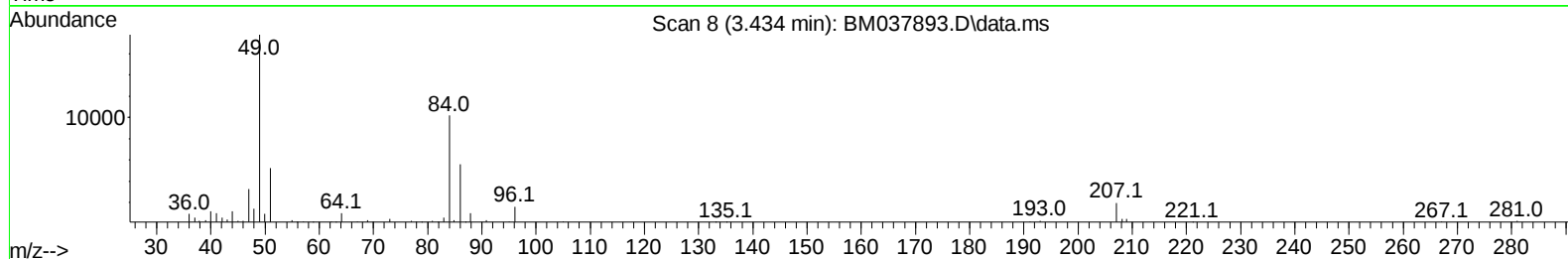
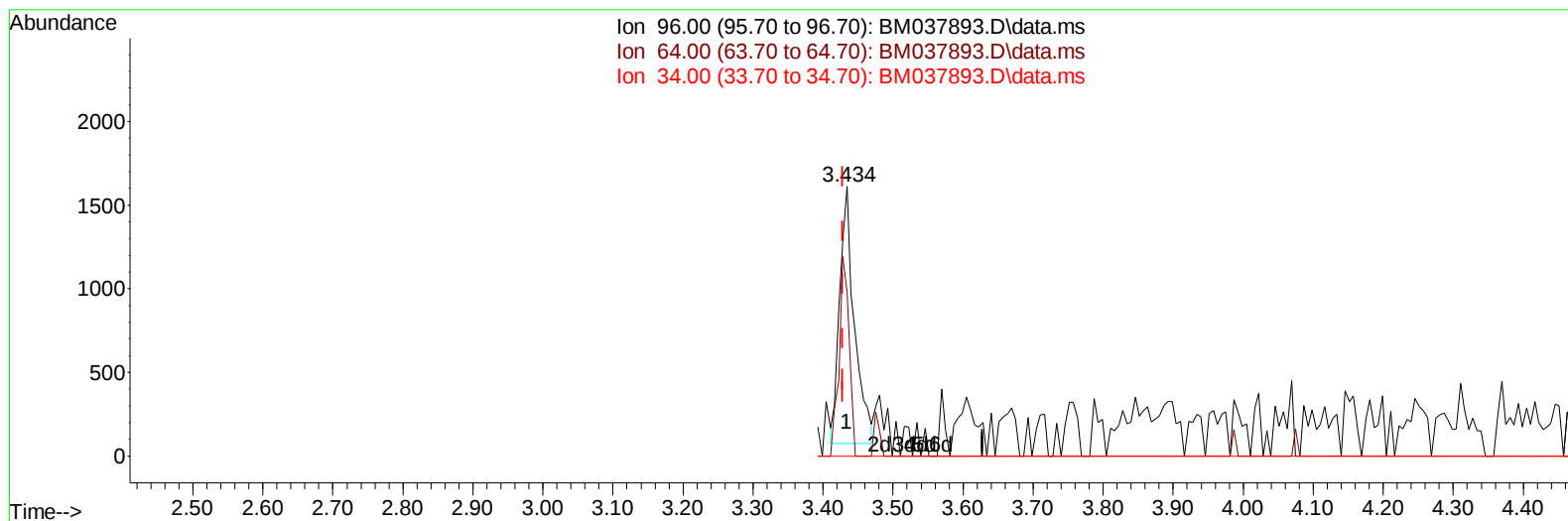
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
 Data File : BM037893.D
 Acq On : 08 Dec 2022 19:04
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 ALS Vial : 18 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual IntegrationsAPPROVED

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Reviewed By :Jagrut Upadhyay 12/09/2022
 Supervised By :mohammad ahmed 12/10/2022



TIC: BM037893.D\data.ms

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

3.434min (+ 0.006) 0.37 ng/uL m

response 2236

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	76.40	60.77#
34.00	0.00	0.00
0.00	0.00	0.00

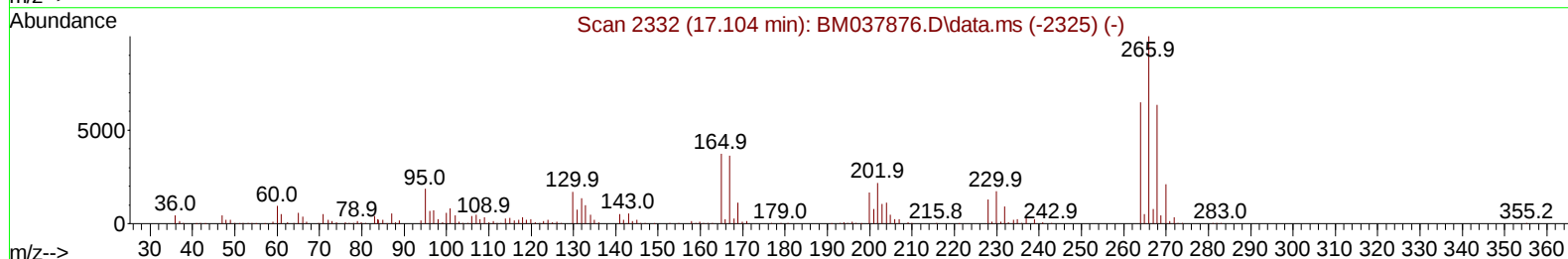
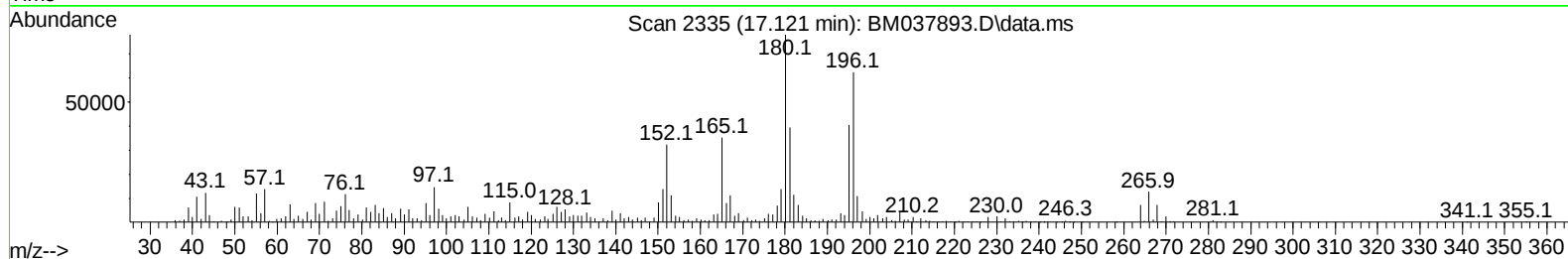
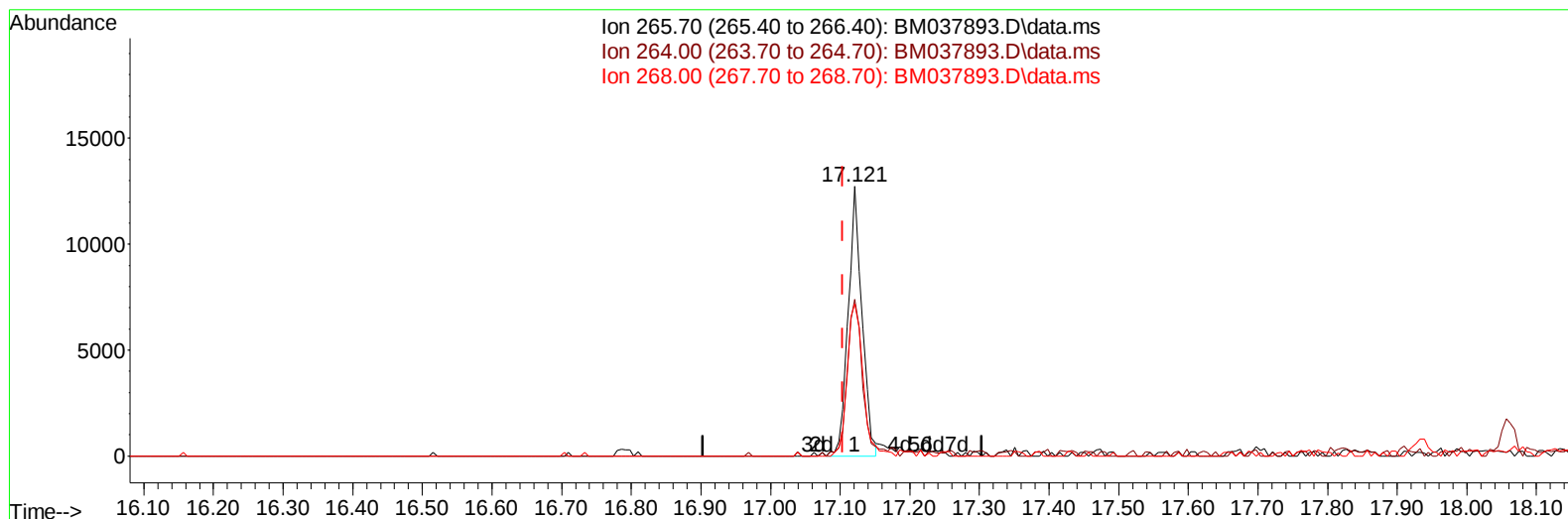
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
 Data File : BM037893.D
 Acq On : 08 Dec 2022 19:04
 Operator : CG/JU
 Sample : N5832-17 10X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BM037893.D\data.ms

(71) Pentachlorophenol (C)

17.121min (+ 0.018) 2.15 ng/u1

response 17687

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	62.60	58.17
268.00	63.20	56.44
0.00	0.00	0.00

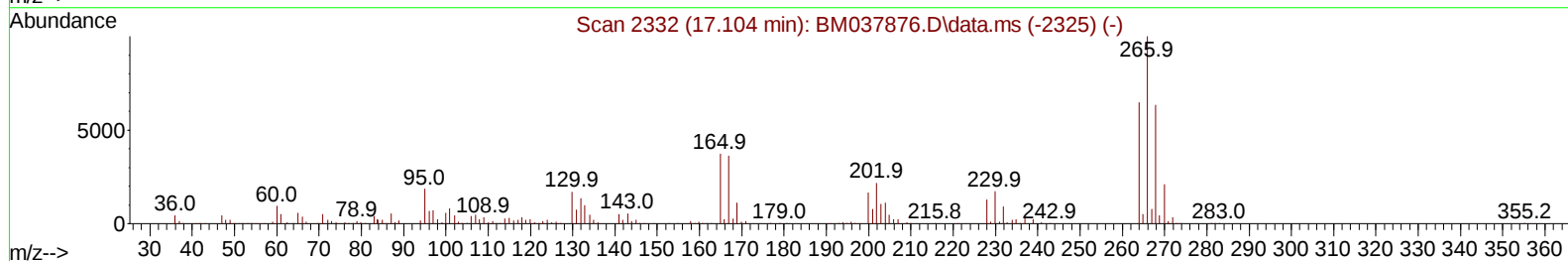
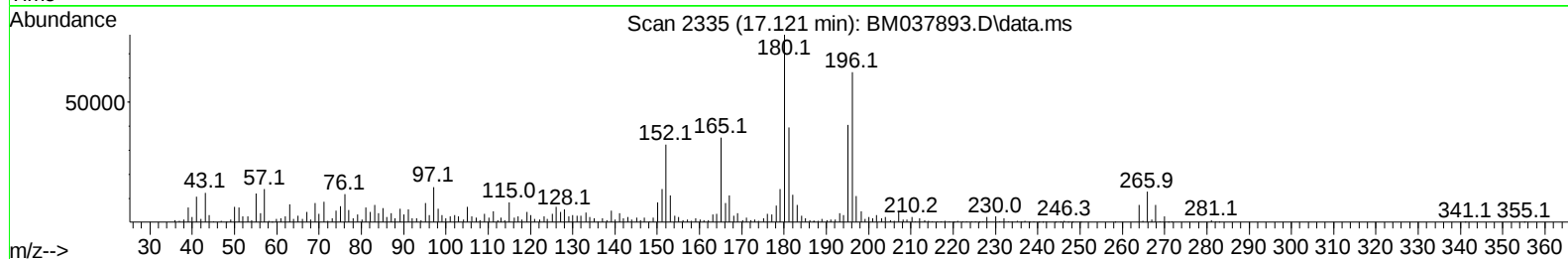
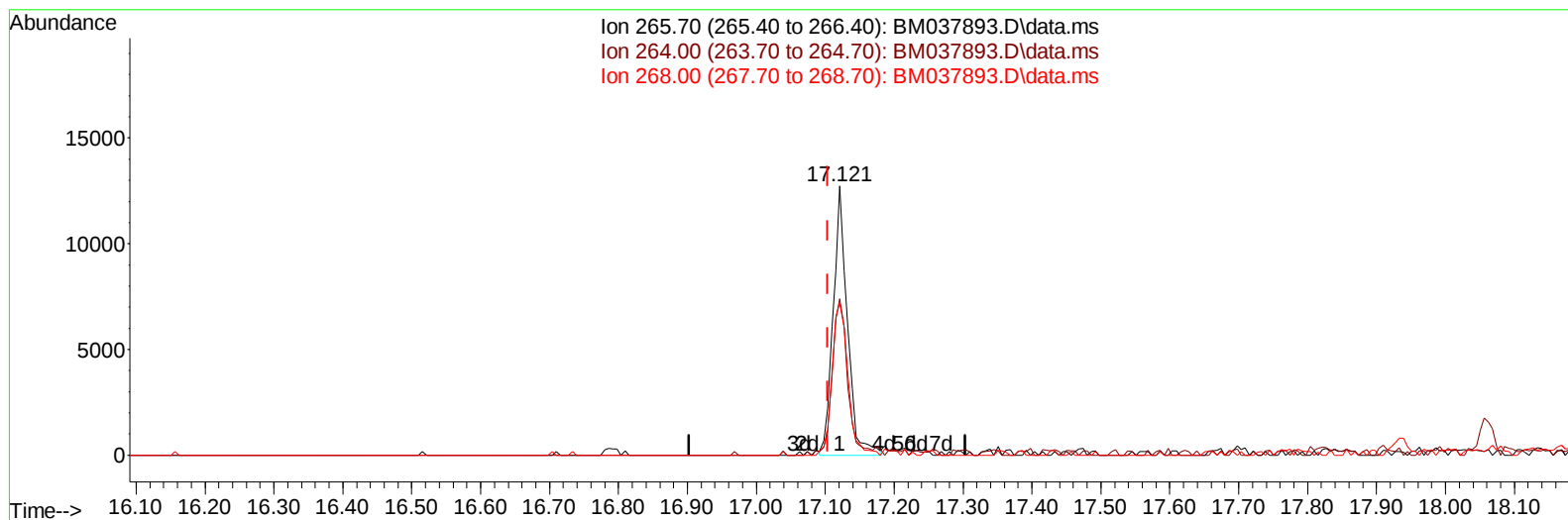
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
 Data File : BM037893.D
 Acq On : 08 Dec 2022 19:04
 Operator : CG/JU
 Sample : N5832-17 10X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
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Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 12/10/2022



TIC: BM037893.D\data.ms

(71) Pentachlorophenol (C)

17.121min (+ 0.018) 2.22 ng/ul m

response 18235

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	62.60	58.17
268.00	63.20	56.44
0.00	0.00	0.00

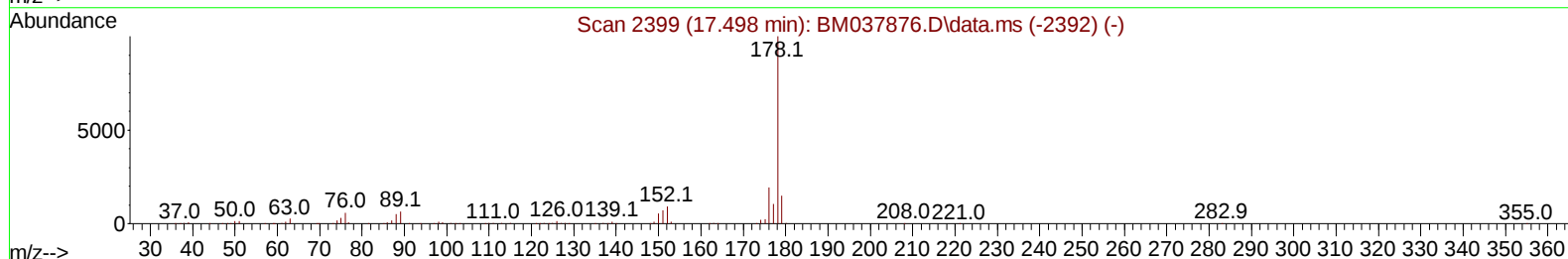
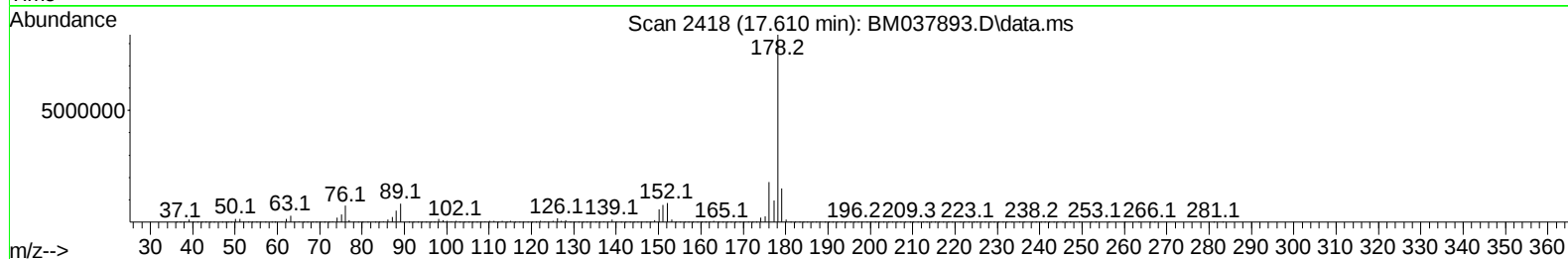
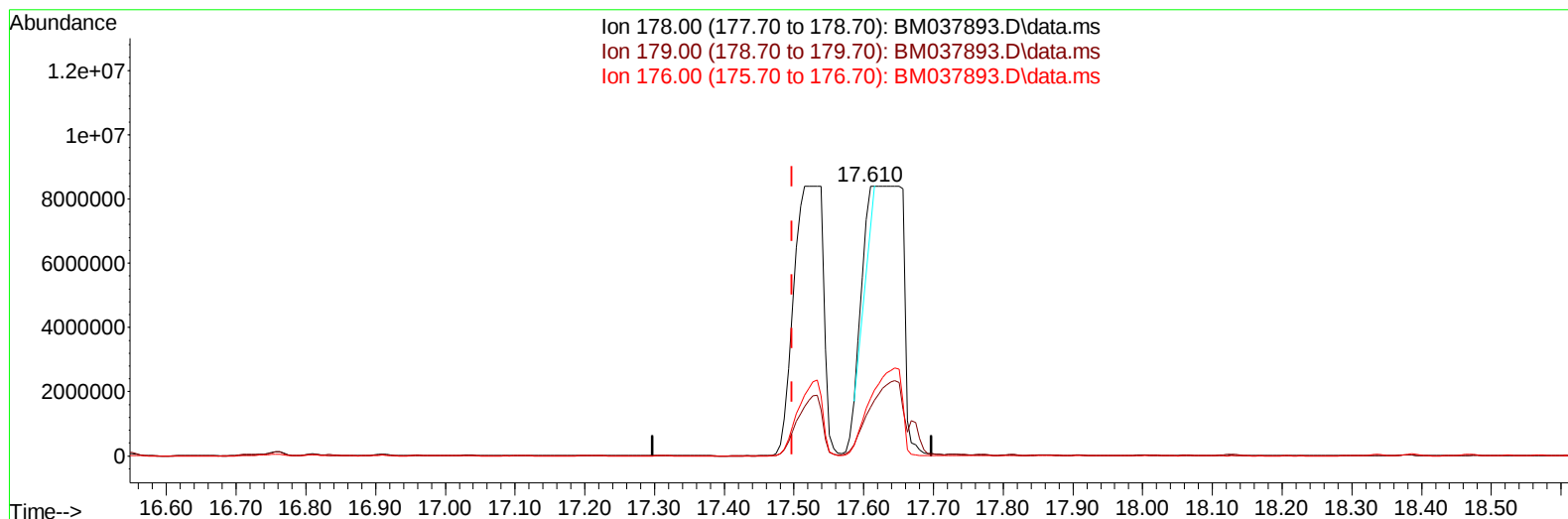
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Instrument :
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TIC: BM037893.D\data.ms

(72) Phenanthrene

17.610min (+ 0.112) 55.39 ng/ul

response 3414637

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.20	17.96
176.00	19.20	21.46
0.00	0.00	0.00

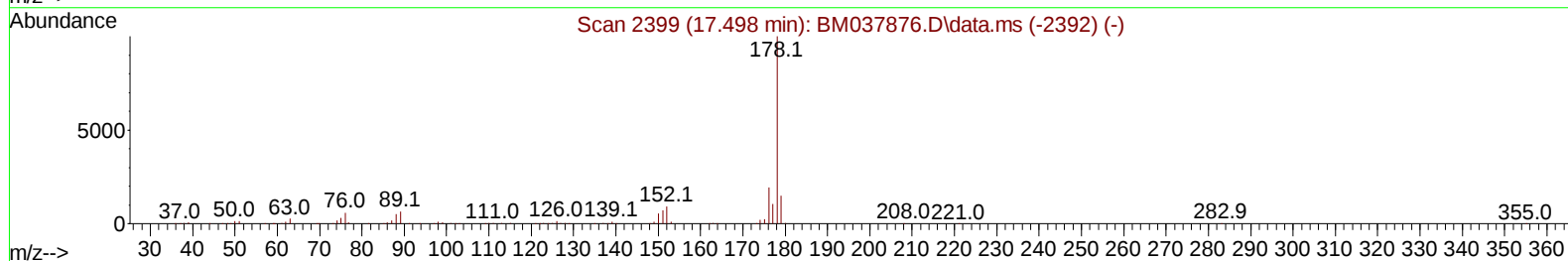
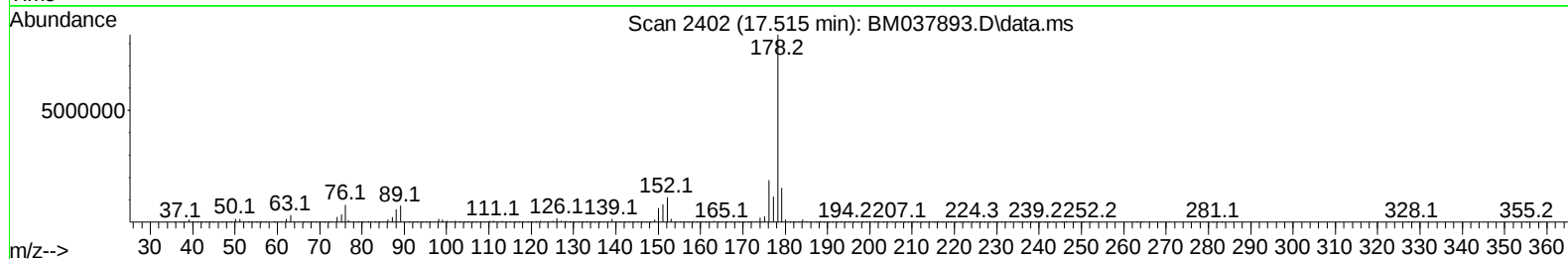
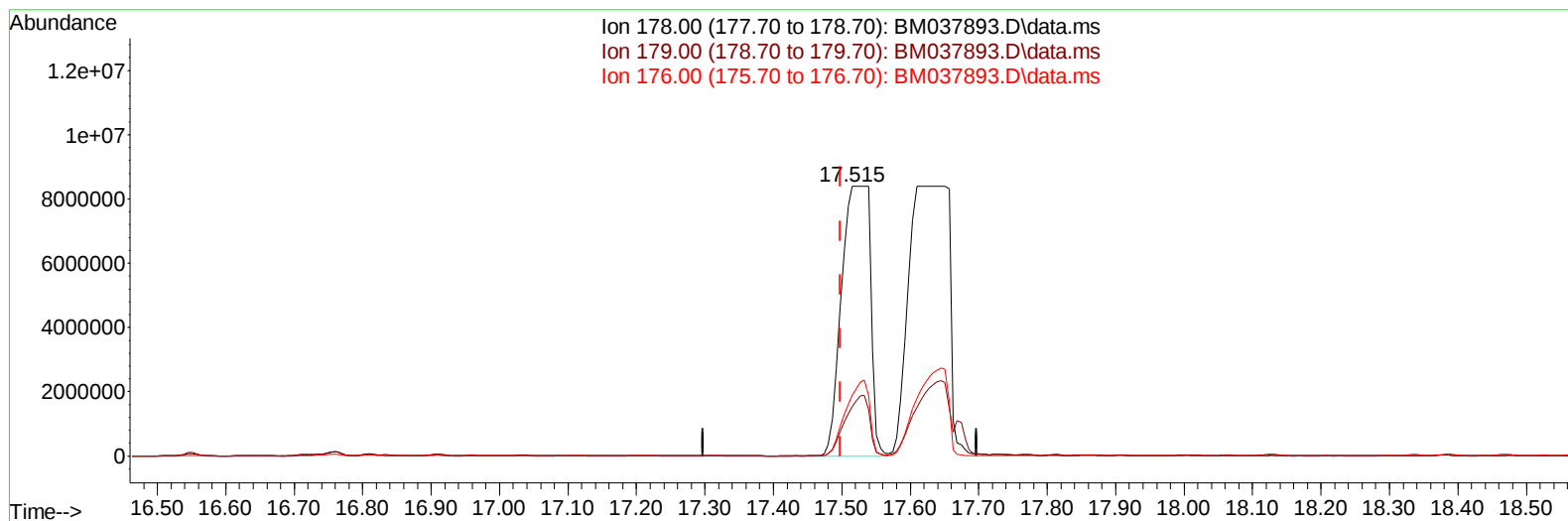
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
 Data File : BM037893.D
 Acq On : 08 Dec 2022 19:04
 Operator : CG/JU
 Sample : N5832-17 10X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXL2

Manual IntegrationsAPPROVED

Quant Time: Dec 08 22:41:18 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 08 01:49:06 2022
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 12/09/2022
 Supervised By :mohammad ahmed 12/10/2022



TIC: BM037893.D\data.ms

(72) Phenanthrene

17.515min (+ 0.018) 397.77 ng/ul m

response 24523055

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.20	18.37#
176.00	19.20	22.51
0.00	0.00	0.00

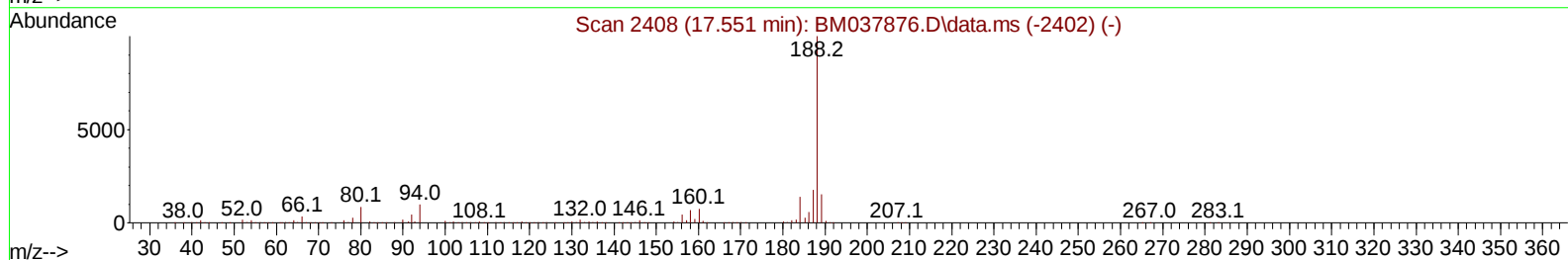
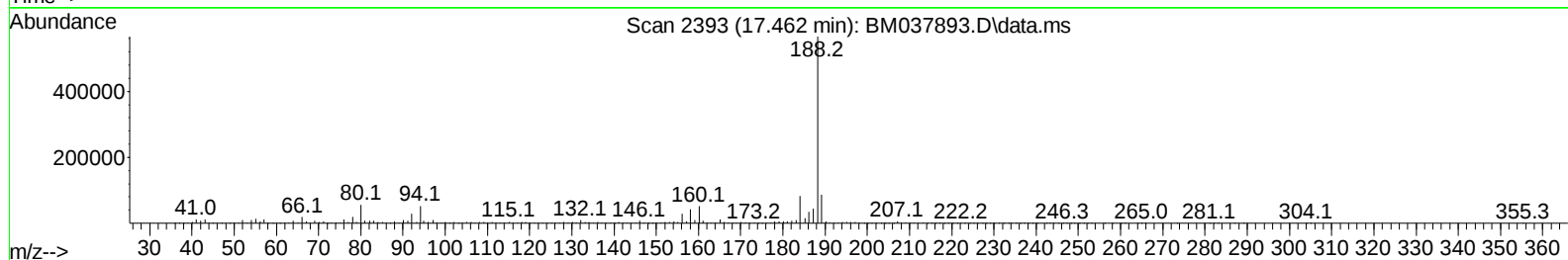
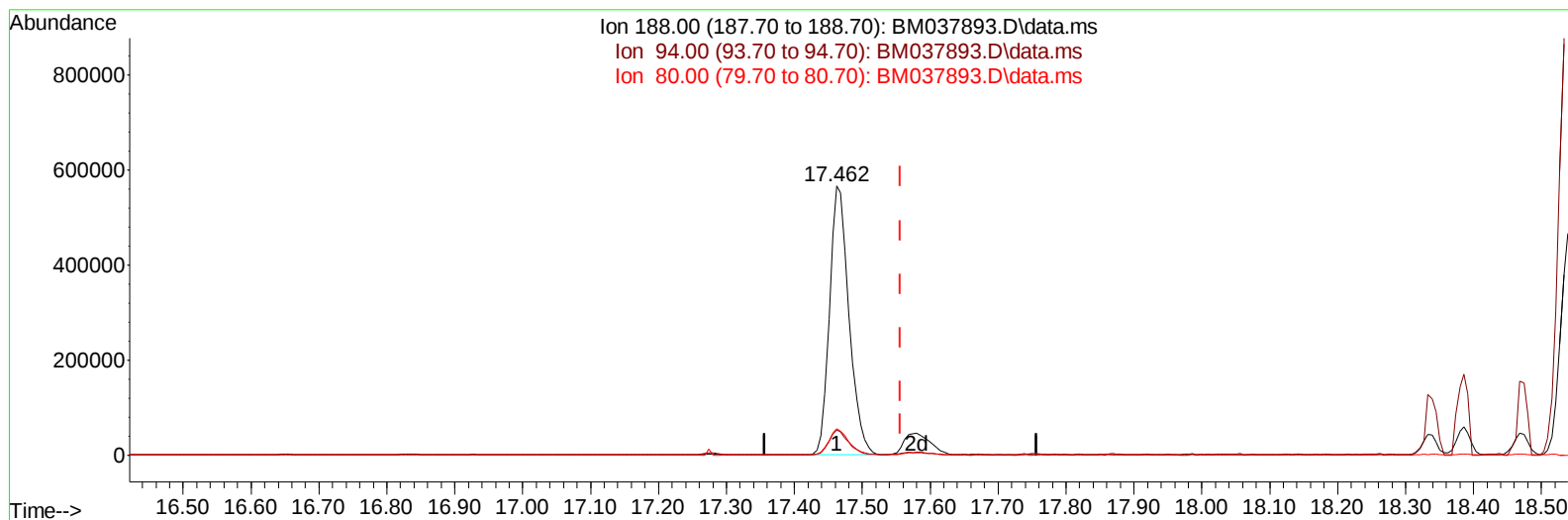
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037893.D
Acq On : 08 Dec 2022 19:04
Operator : CG/JU
Sample : N5832-17 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL2

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 12/10/2022



TIC: BM037893.D\data.ms

(73) Anthracene-d10 (S)

17.462min (-0.094) 21.43 ng/u1

response 1128949

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	9.29
80.00	8.80	9.89
0.00	0.00	0.00

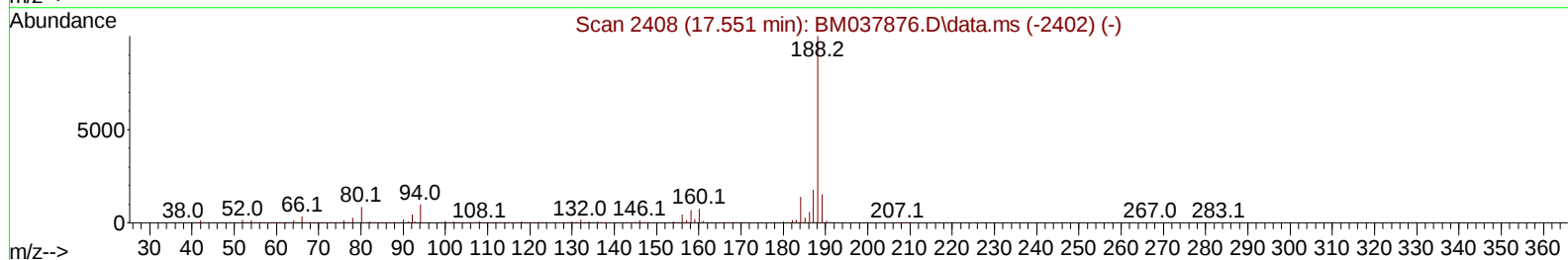
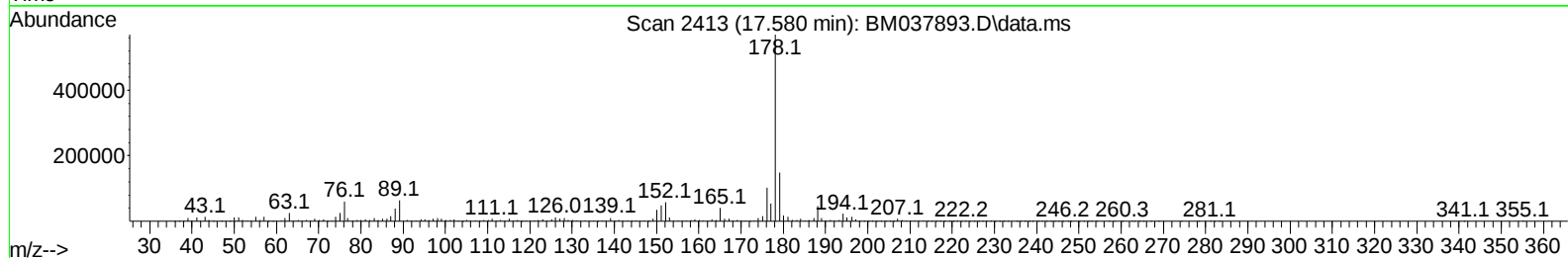
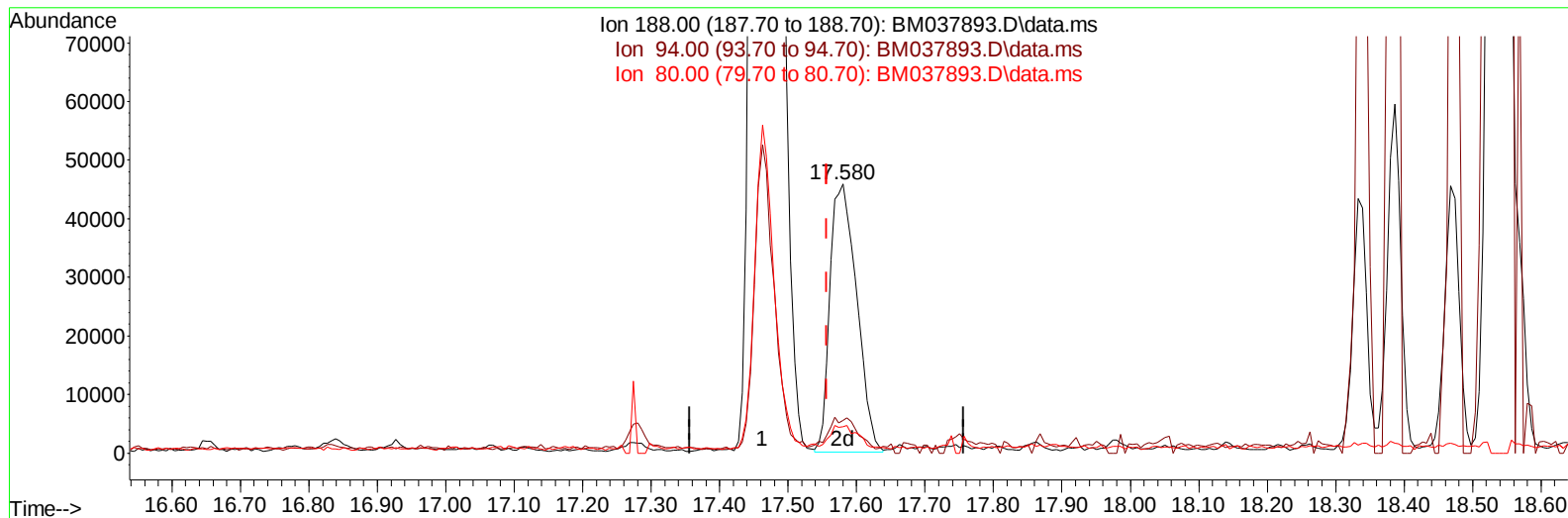
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037893.D
Acq On : 08 Dec 2022 19:04
Operator : CG/JU
Sample : N5832-17 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL2

Manual IntegrationsAPPROVED

Quant Time: Dec 08 22:41:18 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 08 01:49:06 2022
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 12/09/2022
Supervised By :mohammad ahmed 12/10/2022



TIC: BM037893.D\data.ms

(73) Anthracene-d10 (S)

17.580min (+ 0.024) 2.34 ng/u1 m

response 123499

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	12.25#
80.00	8.80	9.89
0.00	0.00	0.00

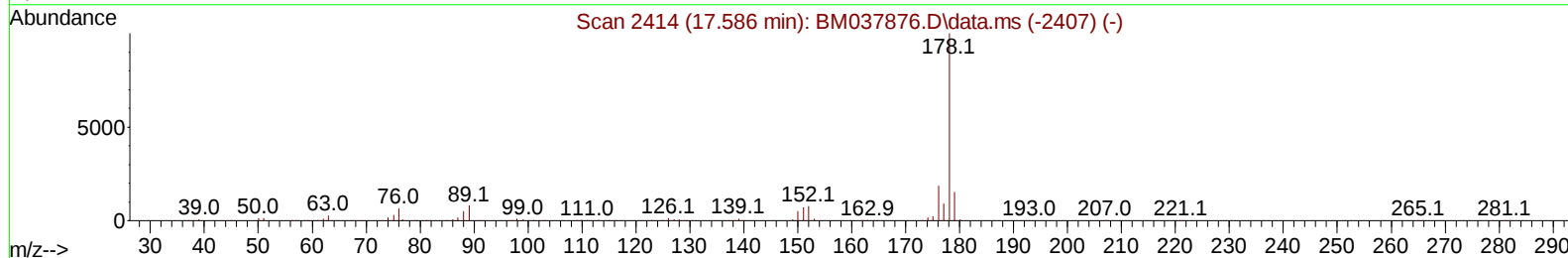
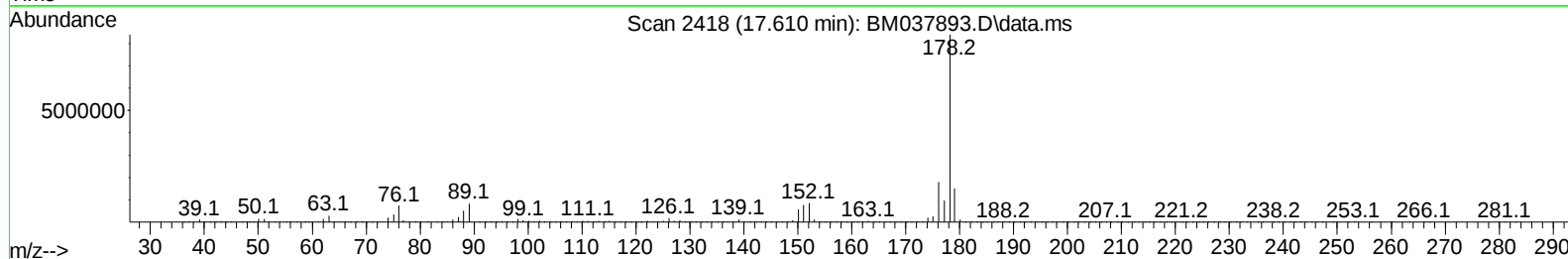
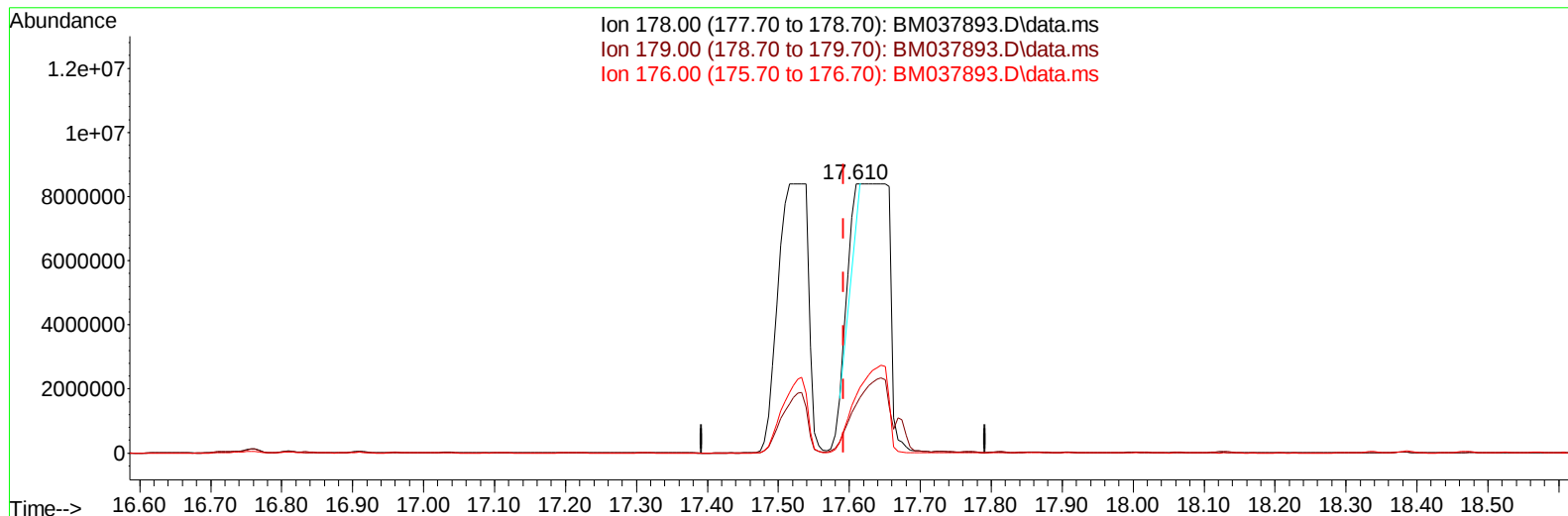
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
 Data File : BM037893.D
 Acq On : 08 Dec 2022 19:04
 Operator : CG/JU
 Sample : N5832-17 10X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXL2

Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 12/10/2022



TIC: BM037893.D\data.ms

(74) Anthracene

17.610min (+ 0.018) 54.50 ng/u1

response 3414637

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	14.80	17.96#
176.00	18.80	21.46
0.00	0.00	0.00

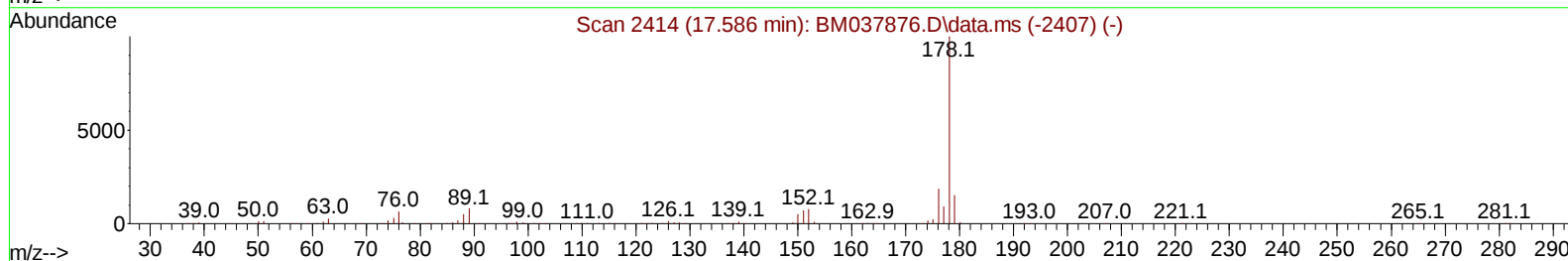
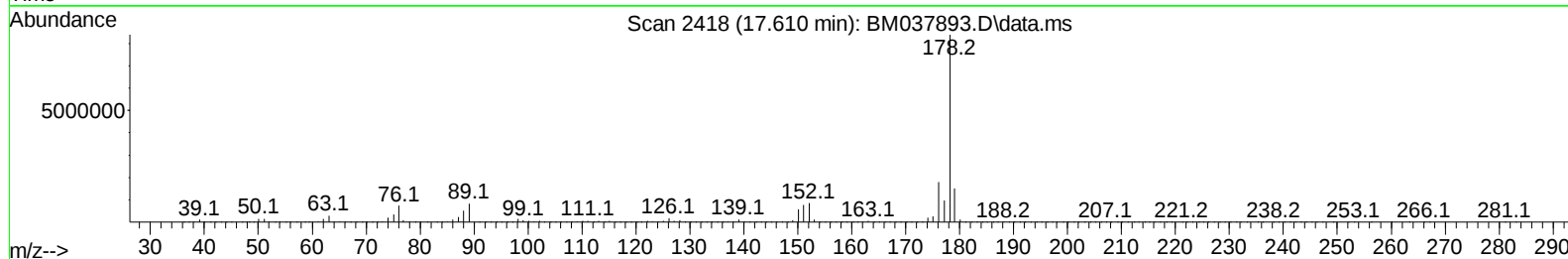
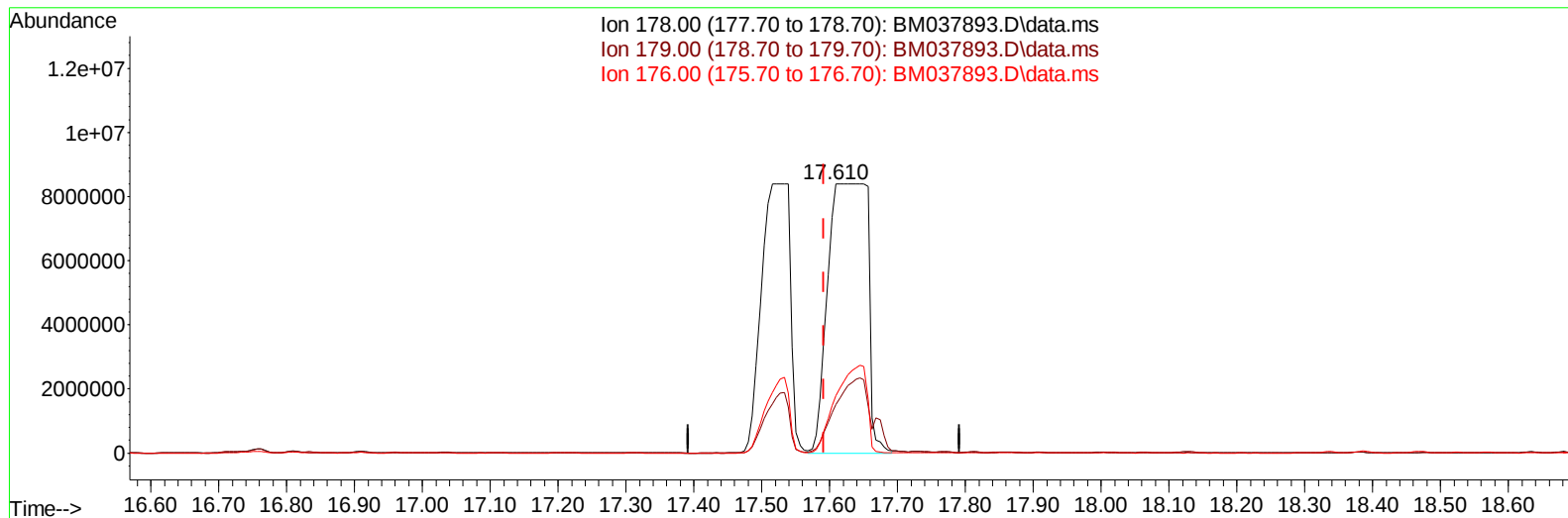
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037893.D
Acq On : 08 Dec 2022 19:04
Operator : CG/JU
Sample : N5832-17 10X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL2

Manual IntegrationsAPPROVED

Quant Time: Dec 08 22:41:18 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 08 01:49:06 2022
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 12/09/2022
Supervised By :mohammad ahmed 12/10/2022



TIC: BM037893.D\data.ms

(74) Anthracene

17.610min (+ 0.018) 543.88 ng/u1 m

response 34076384

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	14.80	17.96#
176.00	18.80	21.46
0.00	0.00	0.00

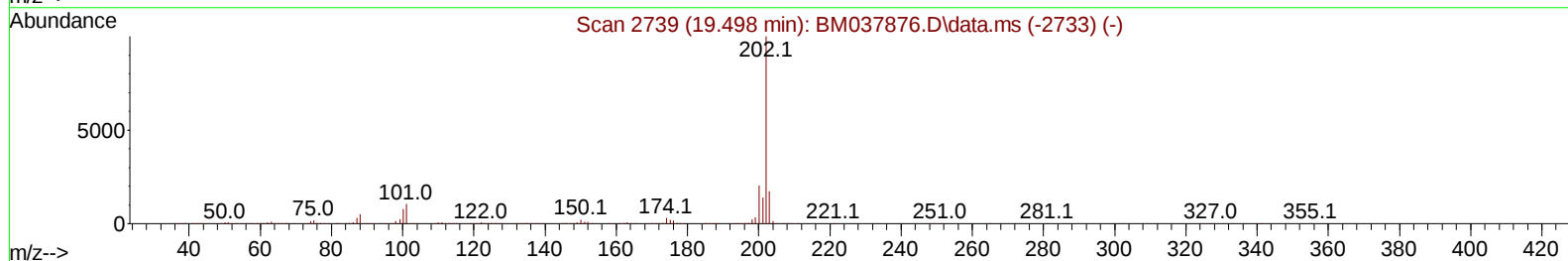
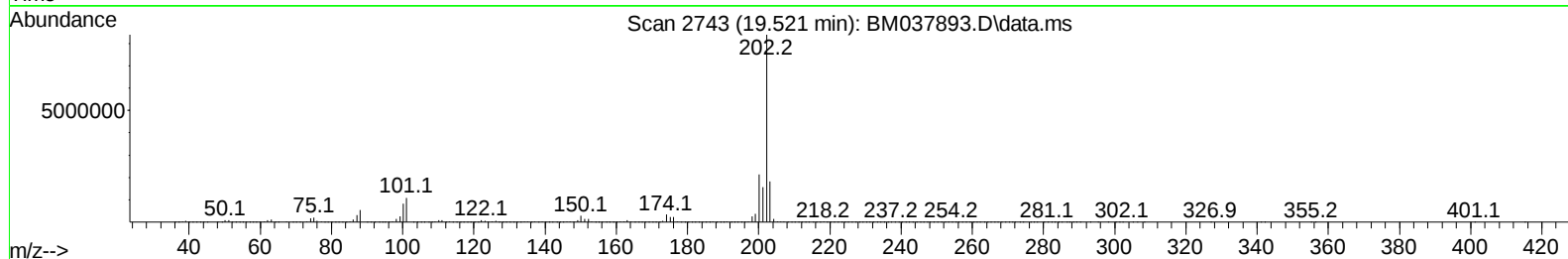
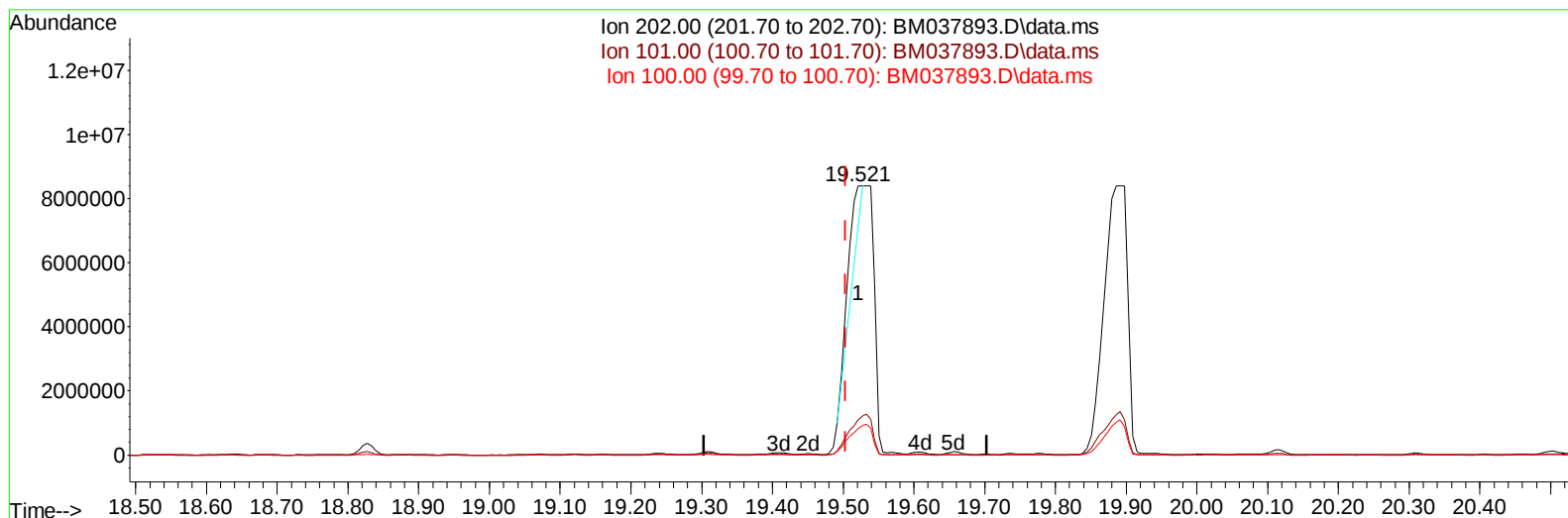
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
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 ALS Vial : 18 Sample Multiplier: 1

Instrument :
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 Supervised By :mohammad ahmed 12/10/2022



TIC: BM037893.D\data.ms

(80) Fluoranthene

19.521min (+ 0.018) 56.62 ng/ul

response 3948968

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	10.80	13.02#
100.00	8.30	9.85
0.00	0.00	0.00

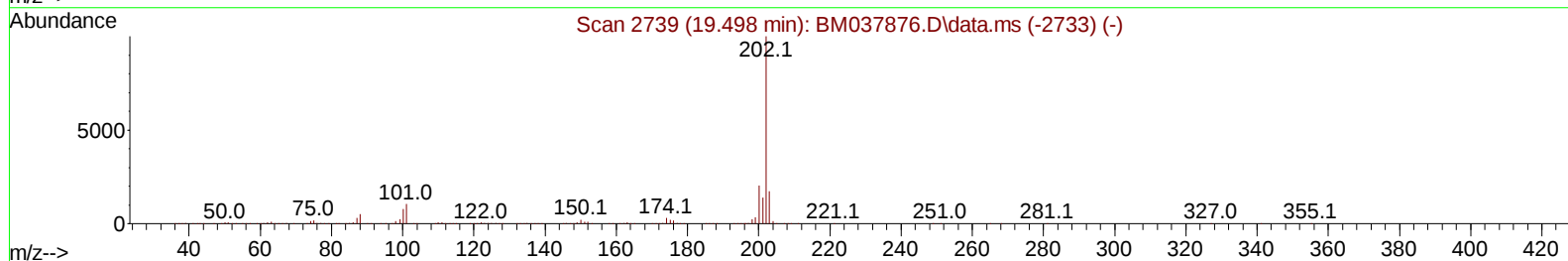
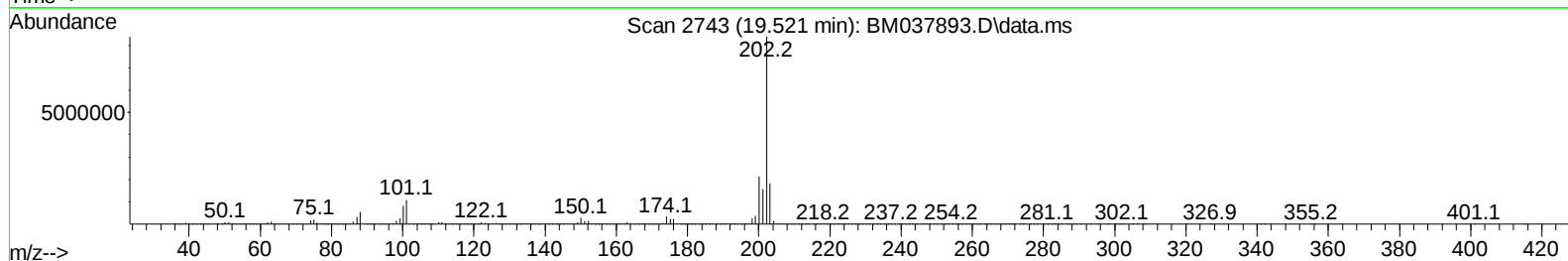
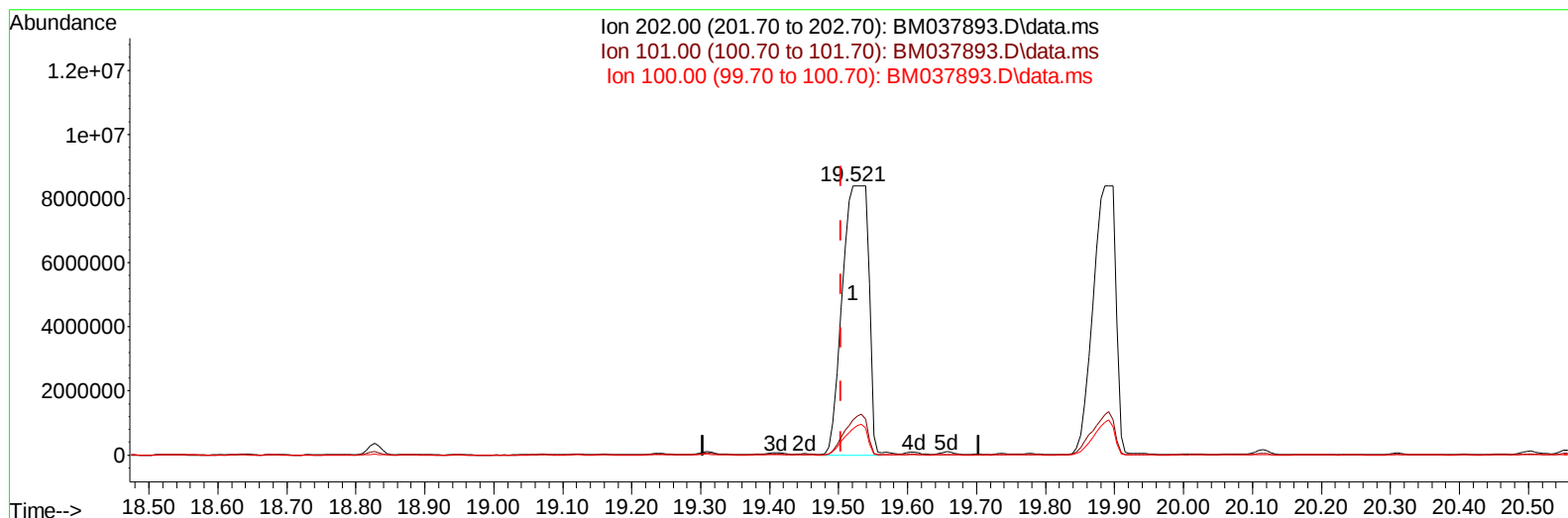
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
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 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
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Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 12/10/2022



TIC: BM037893.D\data.ms

(80) Fluoranthene

19.521min (+ 0.018) 316.46 ng/ul m

response 22073299

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	10.80	13.02#
100.00	8.30	9.85
0.00	0.00	0.00

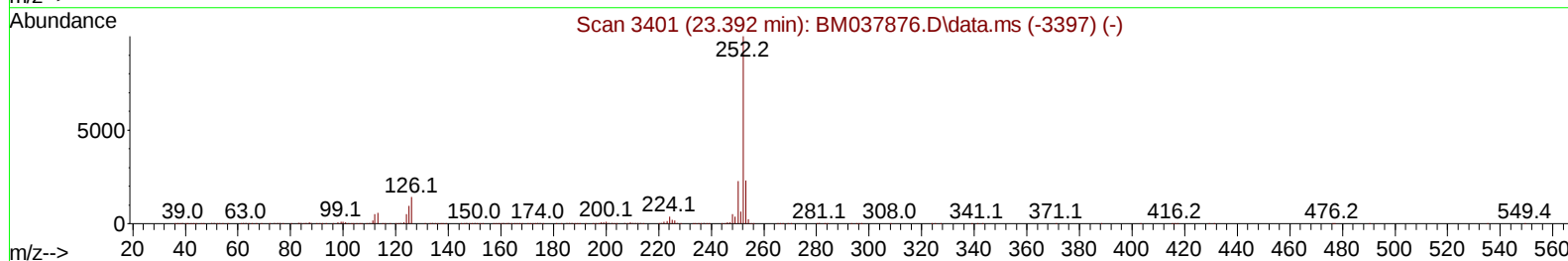
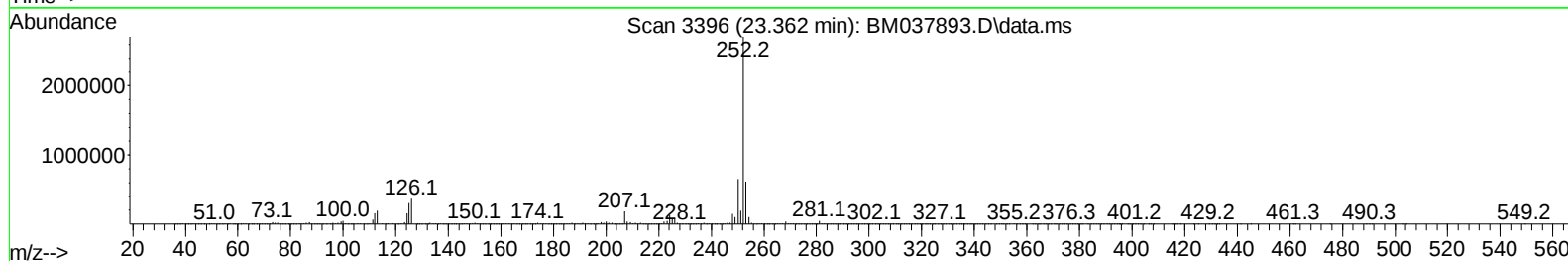
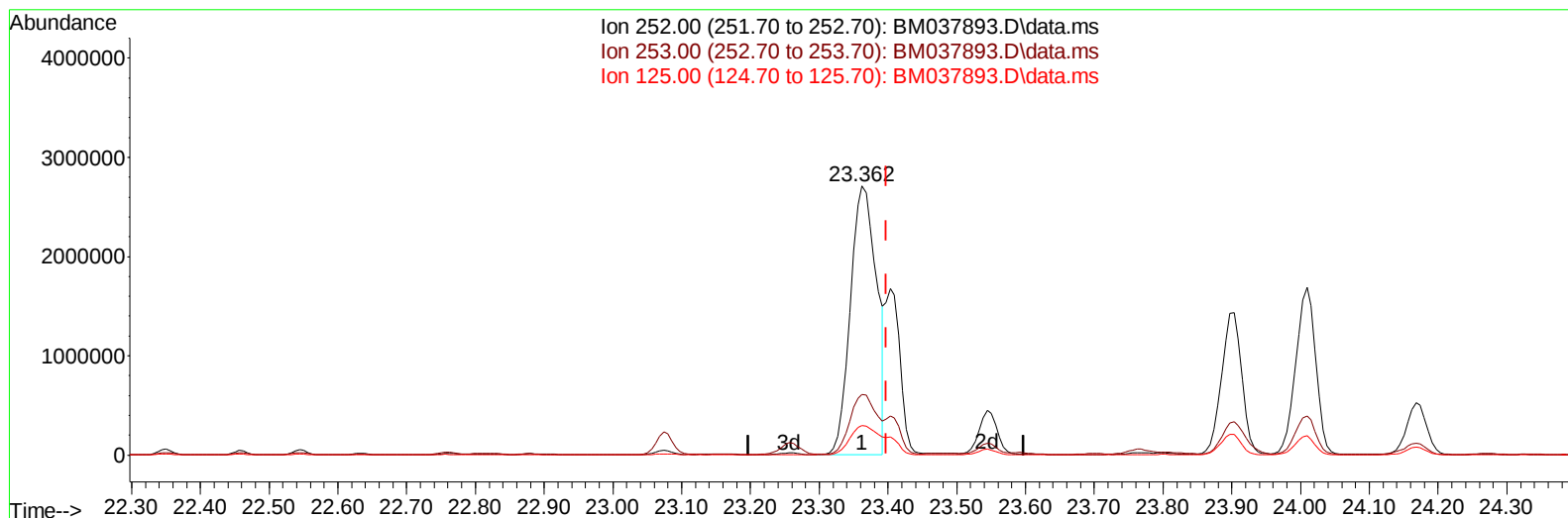
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Instrument :
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 Supervised By :mohammad ahmed 12/10/2022



TIC: BM037893.D\data.ms

(91) Benzo(k)fluoranthene

23.362min (-0.035) 93.62 ng/u1

response 7180009

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.80	22.60
125.00	10.10	11.09
0.00	0.00	0.00

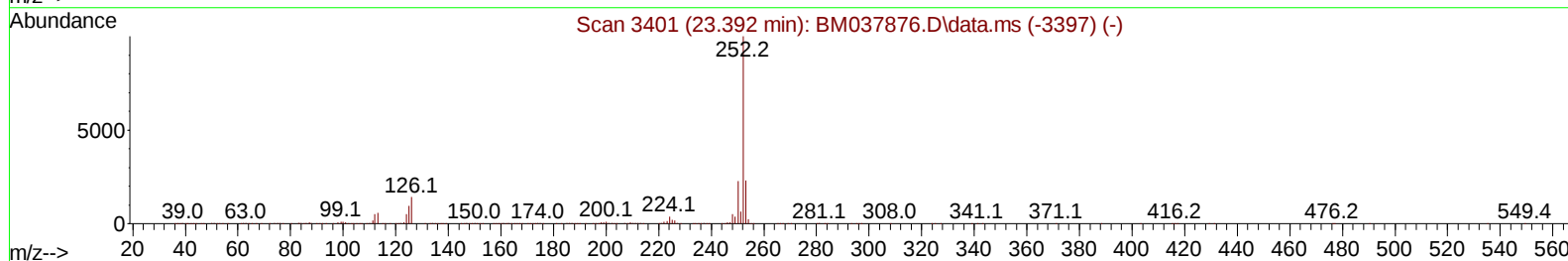
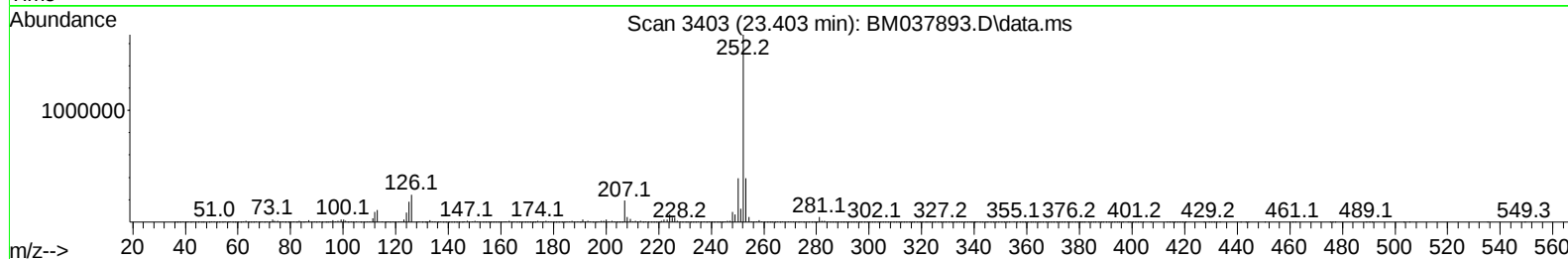
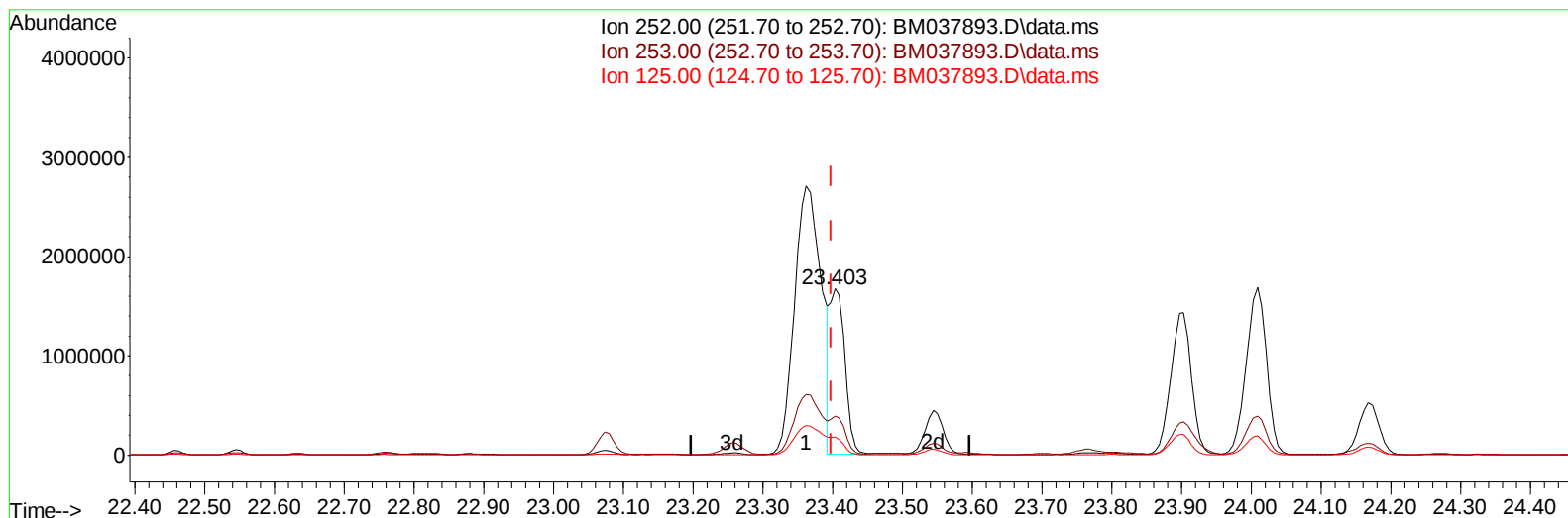
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
 Data File : BM037893.D
 Acq On : 08 Dec 2022 19:04
 Operator : CG/JU
 Sample : N5832-17 10X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXL2

Manual IntegrationsAPPROVED

Quant Time: Dec 08 22:41:18 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 08 01:49:06 2022
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 12/09/2022
 Supervised By :mohammad ahmed 12/10/2022



TIC: BM037893.D\data.ms

(91) Benzo(k)fluoranthene

23.403min (+ 0.006) 32.30 ng/ul m

response 2476760

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.80	23.47
125.00	10.10	10.87
0.00	0.00	0.00

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.087	152	272508	20.000	ng/ul	0.00
20) Naphthalene-d8	10.910	136	1017138	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.716	164	570166	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.462	188	1128949	20.000	ng/ul	0.00
79) Chrysene-d12	21.633	240	983869	20.000	ng/ul	0.00
88) Perylene-d12	24.115	264	1276395	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.434	96	2236m	0.373	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	7.240	99	42832	1.934	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.404	67	25682	1.905	ng/ul	0.00
11) 2-Chlorophenol-d4	7.610	132	34393	1.893	ng/ul	0.00
15) 4-Methylphenol-d8	8.798	113	33364	1.930	ng/ul	0.00
21) Nitrobenzene-d5	9.257	128	17365	2.156	ng/ul	0.00
24) 2-Nitrophenol-d4	9.981	143	16473	1.952	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.528	165	31492	1.965	ng/ul	0.00
31) 4-Chloroaniline-d4	11.045	131	25569	1.156	ng/ul	0.00
46) Dimethylphthalate-d6	14.121	166	99466	2.447	ng/ul	0.00
49) Acenaphthylene-d8	14.410	160	113429	2.283	ng/ul	0.00
54) 4-Nitrophenol-d4	14.921	143	13773	1.988	ng/ul	0.01
60) Fluorene-d10	15.704	176	92523	2.555	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.839	200	4844	0.803	ng/ul	0.02
73) Anthracene-d10	17.580	188	123499m	2.344	ng/ul	0.02
81) Pyrene-d10	19.845	212	149663	2.532	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.956	264	164007	2.573	ng/ul	0.01
Target Compounds						
					Qvalue	
30) Naphthalene	10.957	128	1648111	30.026	ng/ul	99
36) 2-Methylnaphthalene	12.557	142	1781776	50.048	ng/ul	97
37) 1-Methylnaphthalene	12.775	142	740424	20.339	ng/ul	100
50) Acenaphthylene	14.445	152	544359	9.965	ng/ul#	96
52) Acenaphthene	14.786	153	6613416	175.029	ng/ul	99
61) Fluorene	15.774	166	11181628	265.786	ng/ul	99
71) Pentachlorophenol	17.121	266	18235m	2.220	ng/ul	
72) Phenanthrene	17.515	178	24523055m	397.767	ng/ul	
74) Anthracene	17.610	178	34076384m	543.883	ng/ul	
80) Fluoranthene	19.521	202	22073299m	316.460	ng/ul	
82) Pyrene	19.886	202	19233397	264.951	ng/ul#	93
85) Benzo(a)anthracene	21.615	228	7036332	106.229	ng/ul	97
87) Chrysene	21.674	228	8052308	129.568	ng/ul	98
90) Benzo(b)fluoranthene	23.362	252	7180009	90.735	ng/ul	98
91) Benzo(k)fluoranthene	23.403	252	2476760m	32.296	ng/ul	
93) Benzo(a)pyrene	24.009	252	3393717	48.770	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.709	276	1708902	19.068	ng/ul	97
95) Dibenzo(a,h)anthracene	26.709	278	472684	6.256	ng/ul#	85
96) Benzo(g,h,i)perylene	27.521	276	1192486	16.666	ng/ul	97

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

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