

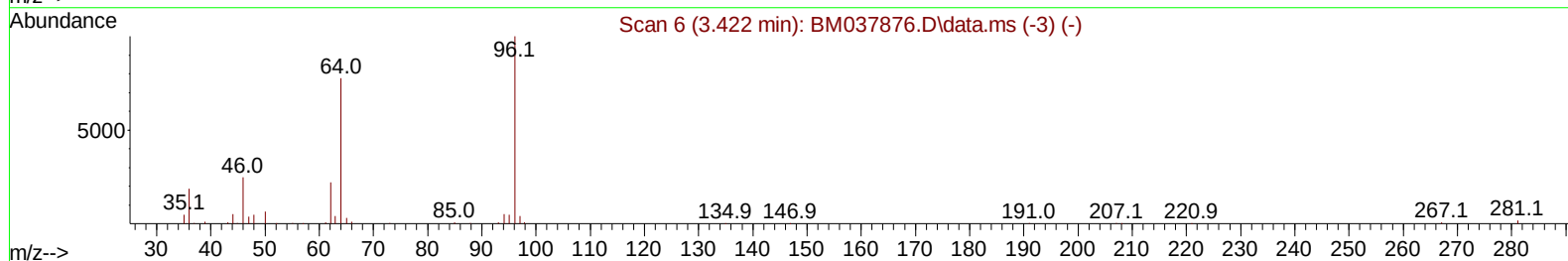
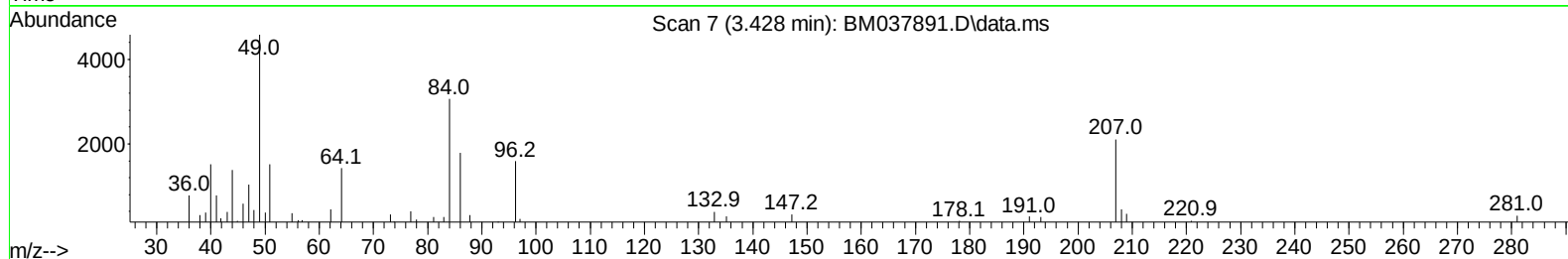
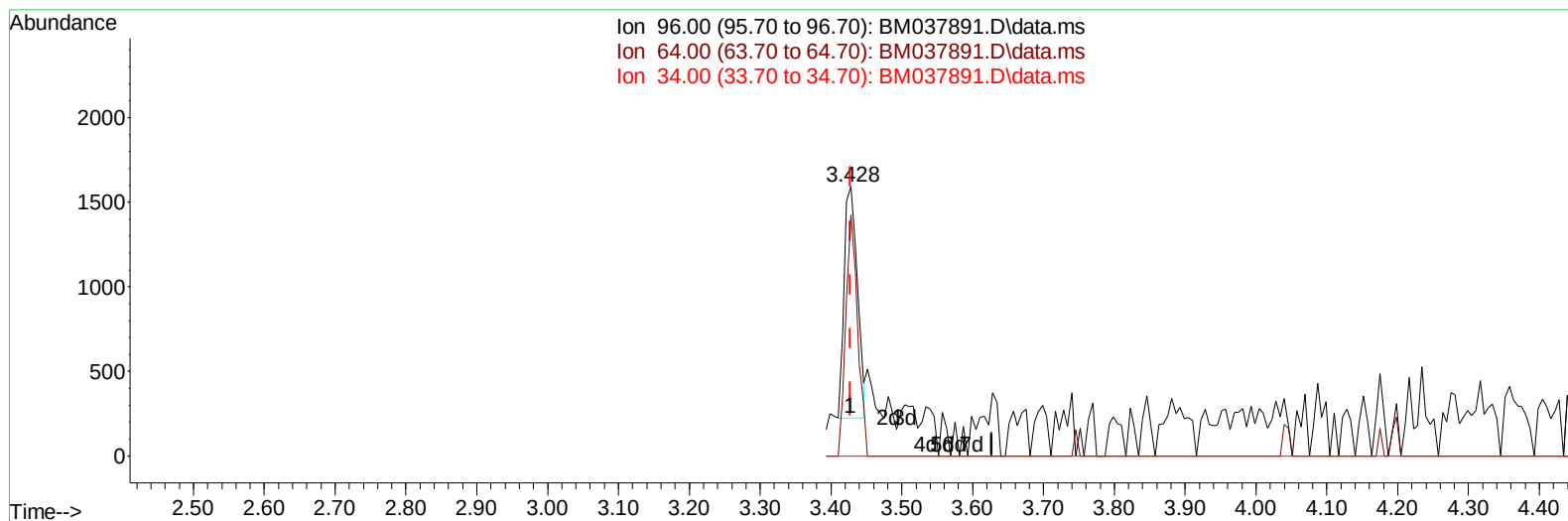
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
 Data File : BM037891.D
 Acq On : 08 Dec 2022 17:50
 Operator : CG/JU
 Sample : N5832-15 10X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXL0

Manual IntegrationsAPPROVED

Quant Time: Dec 08 22:40:45 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: BM037891.D\data.ms

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

3.428min (+ 0.000) 0.27 ng/uL

response 1760

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	76.40	89.45
34.00	0.00	0.00
0.00	0.00	0.00

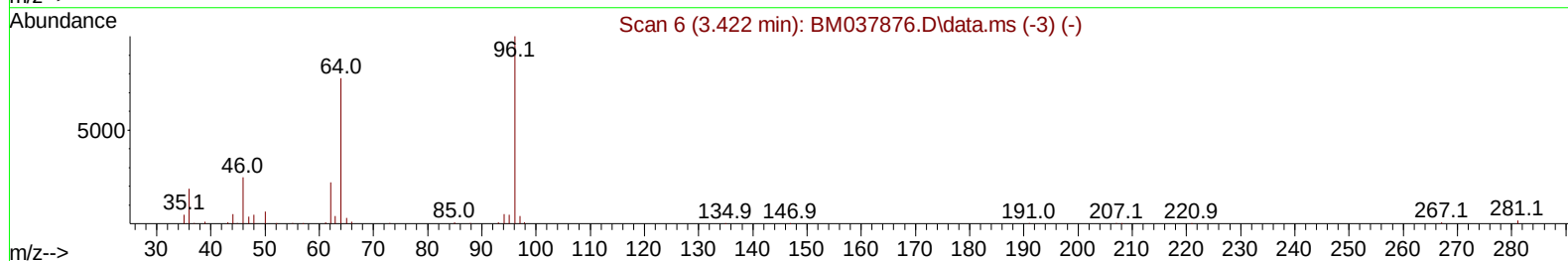
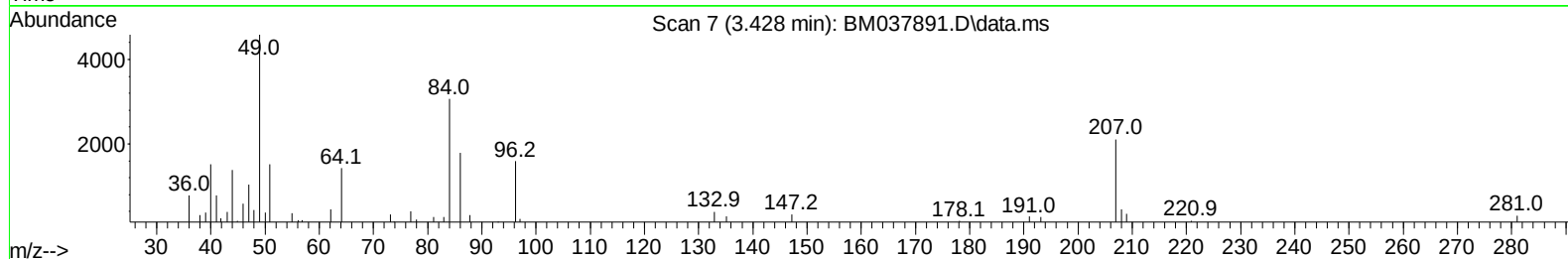
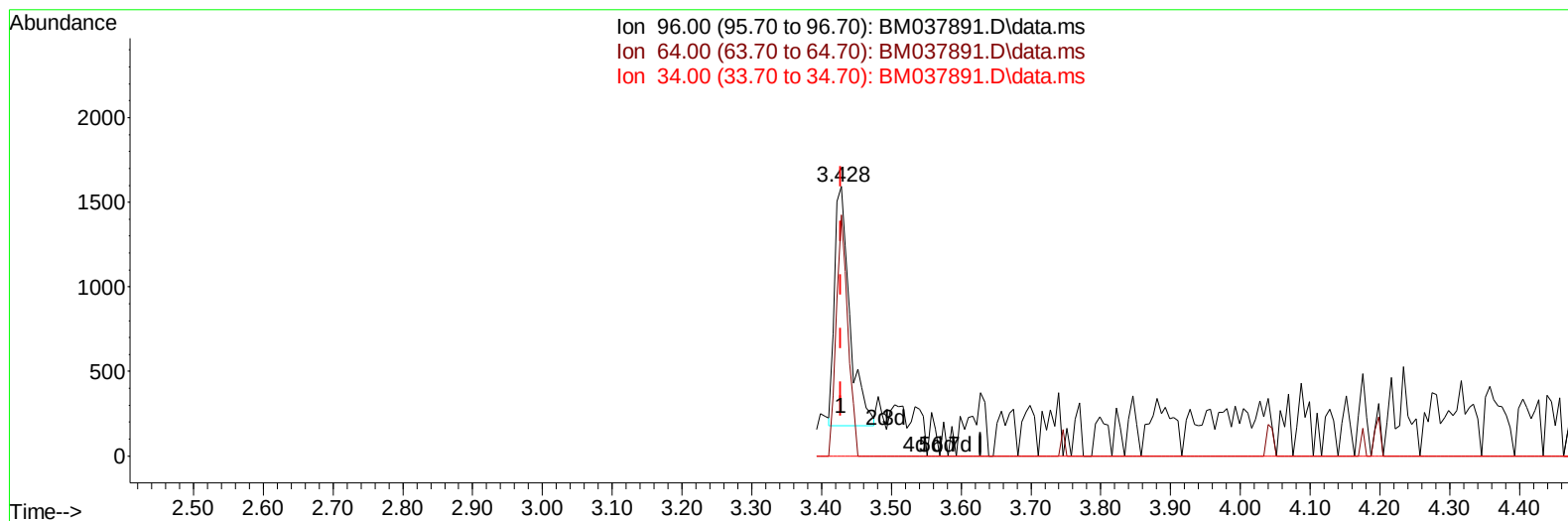
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TIC: BM037891.D\data.ms

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

3.428min (+ 0.000) 0.33 ng/uL m

response 2134

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	76.40	89.45
34.00	0.00	0.00
0.00	0.00	0.00

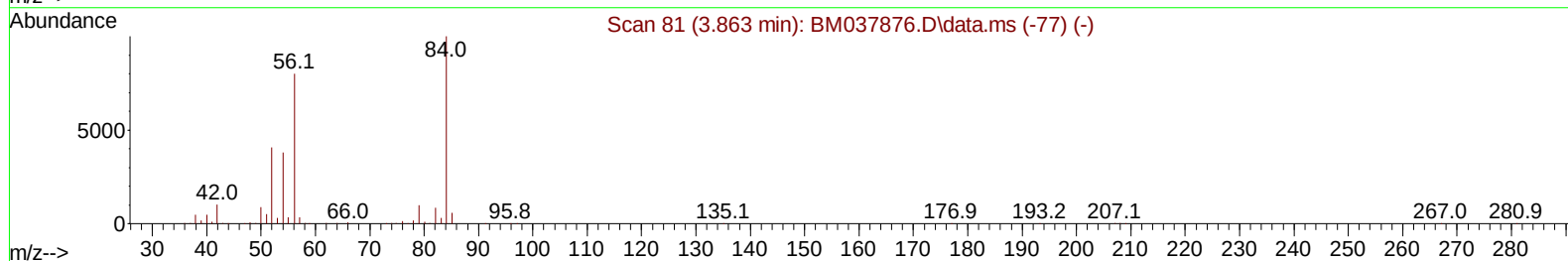
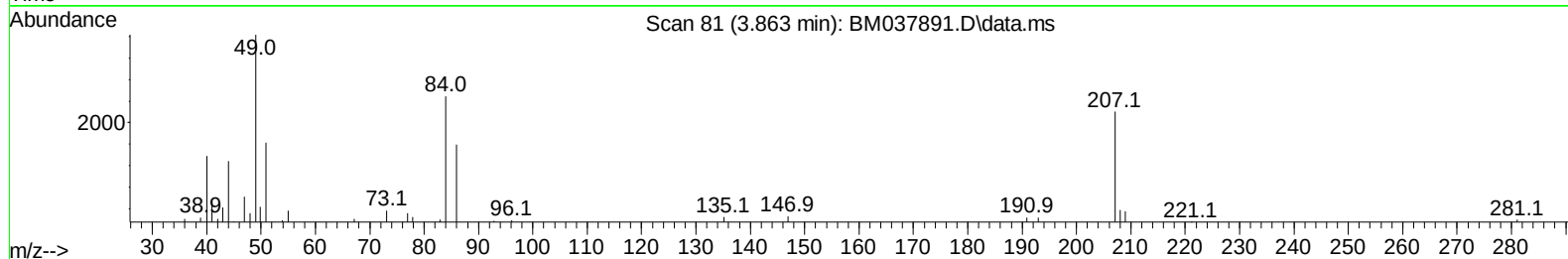
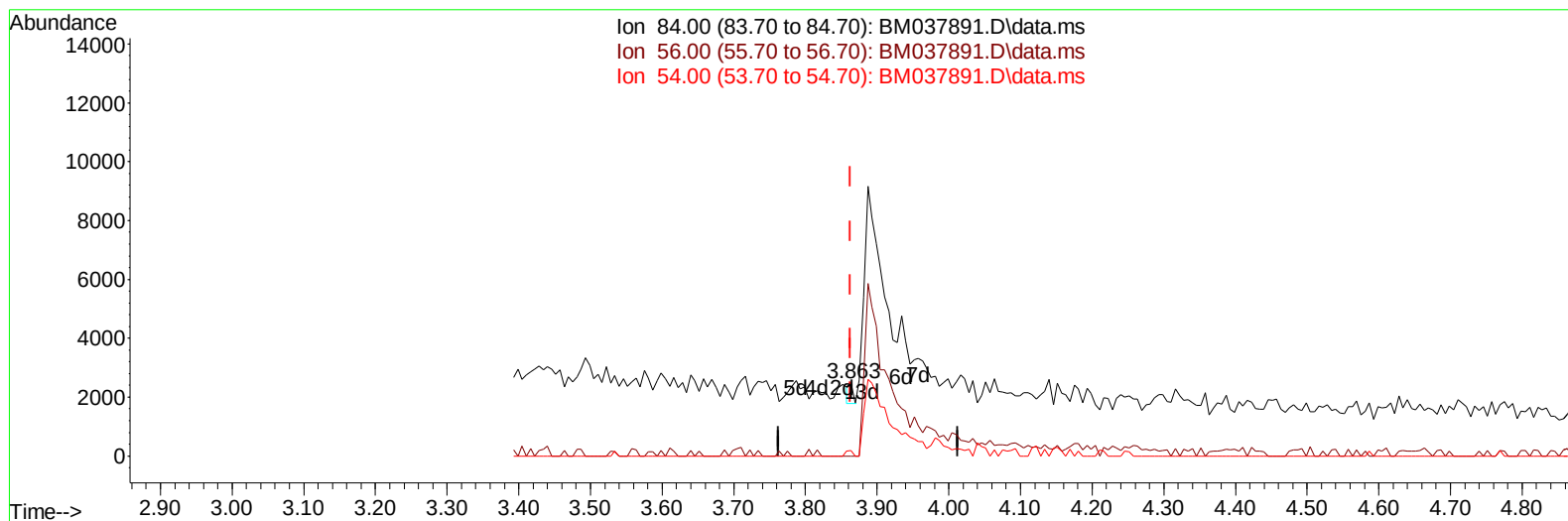
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
 Data File : BM037891.D
 Acq On : 08 Dec 2022 17:50
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Instrument :
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TIC: BM037891.D\data.ms

(4) Pyridine-d5 (S)

3.863min (+ 0.000) 0.01 ng/u1

response 253

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	82.50	0.00#
54.00	38.10	7.43#
0.00	0.00	0.00

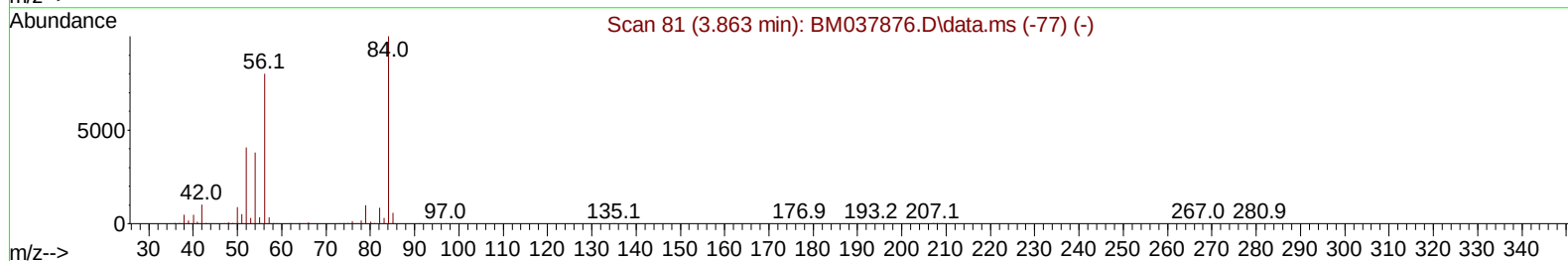
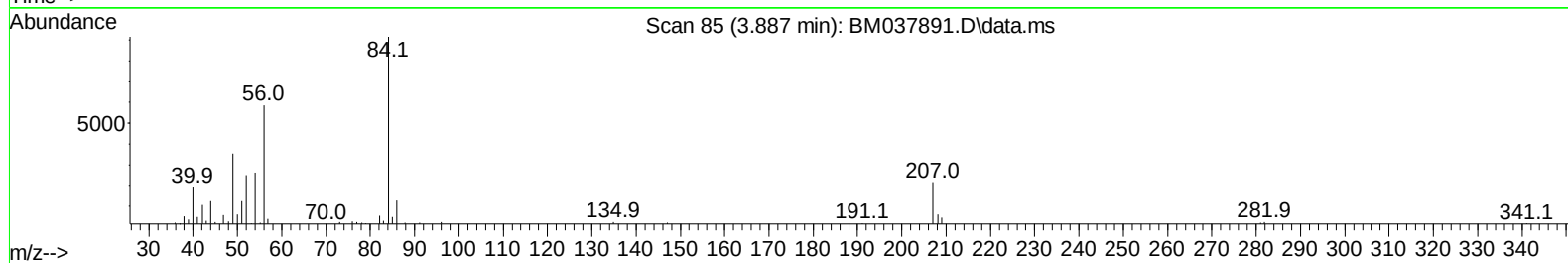
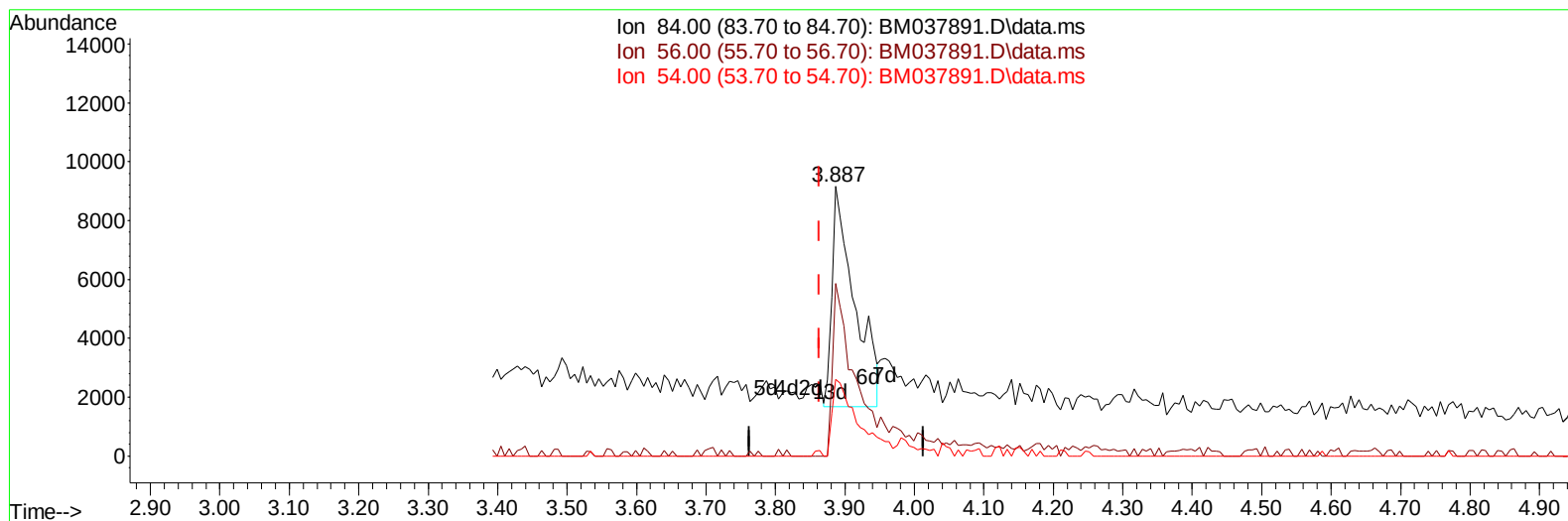
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
 Data File : BM037891.D
 Acq On : 08 Dec 2022 17:50
 Operator : CG/JU
 Sample : N5832-15 10X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXL0

Manual IntegrationsAPPROVED

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TIC: BM037891.D\data.ms

(4) Pyridine-d5 (S)

3.887min (+ 0.024) 0.87 ng/ul m

response 16614

Ion	Exp%	Act%
84.00	100.00	100.00
56.00	82.50	64.03#
54.00	38.10	28.49#
0.00	0.00	0.00

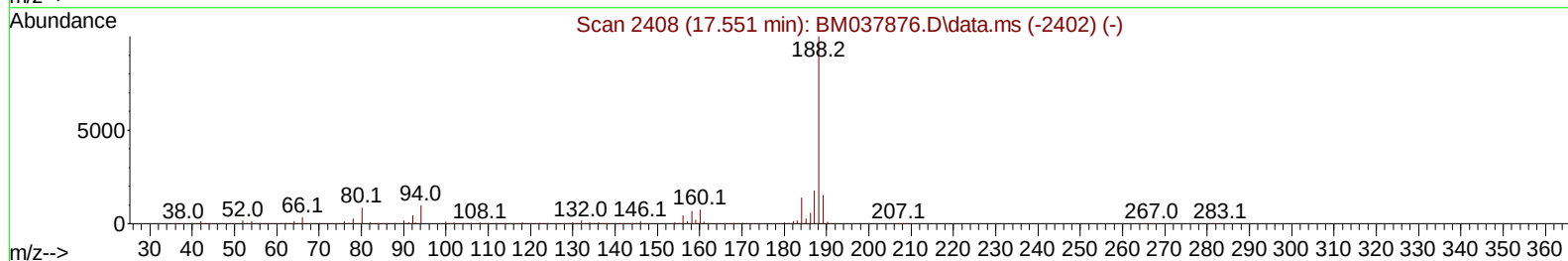
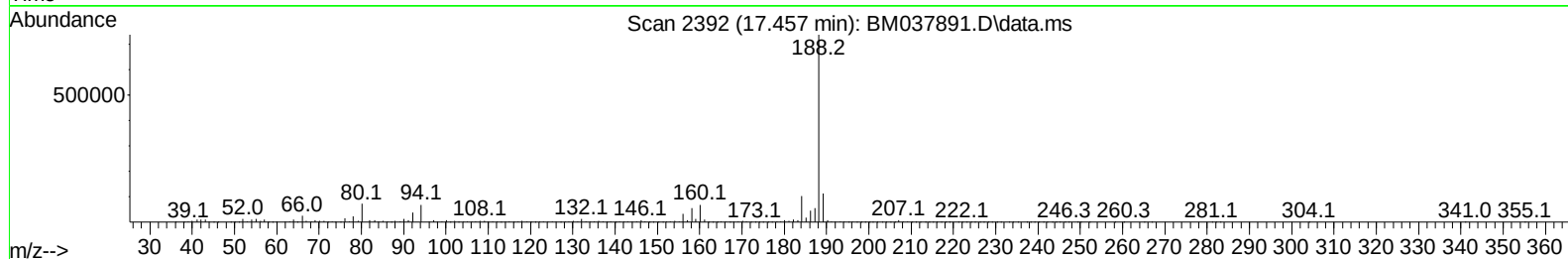
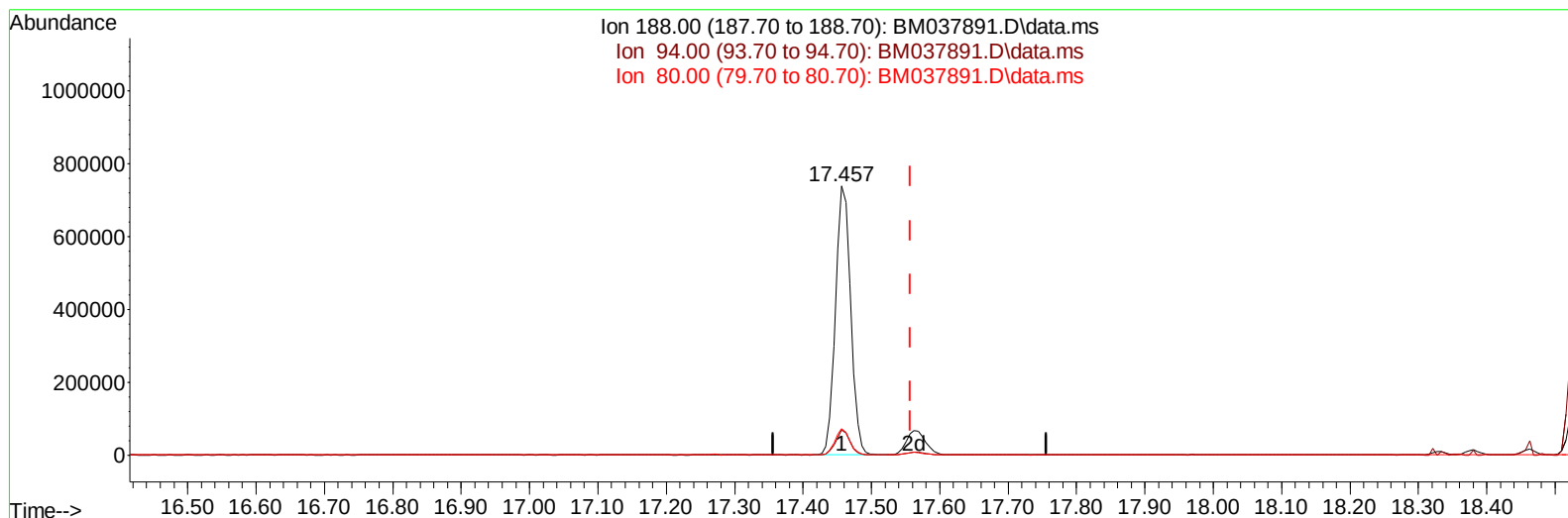
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
Data File : BM037891.D
Acq On : 08 Dec 2022 17:50
Operator : CG/JU
Sample : N5832-15 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBXL0

Manual IntegrationsAPPROVED

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

Quant Time: Dec 08 22:40:45 2022
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Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 08 01:49:06 2022
Response via : Initial Calibration



TIC: BM037891.D\data.ms

(73) Anthracene-d10 (S)

17.457min (-0.100) 21.43 ng/ul

response 1143601

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	9.31
80.00	8.80	9.76
0.00	0.00	0.00

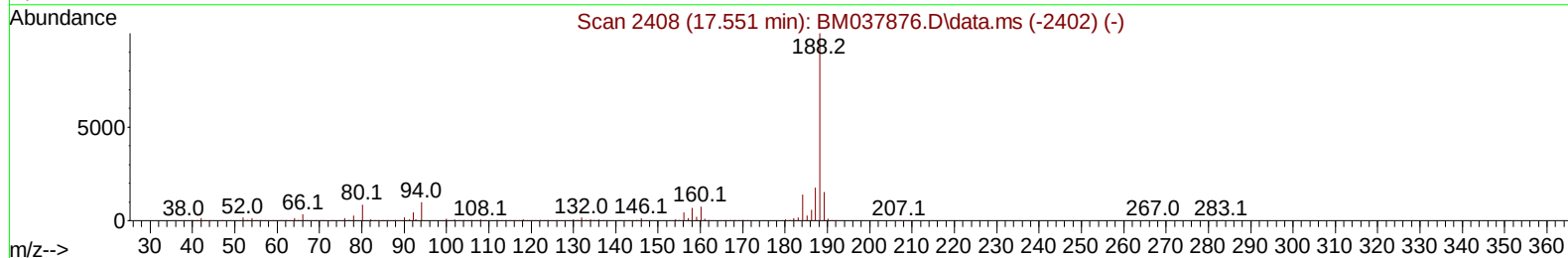
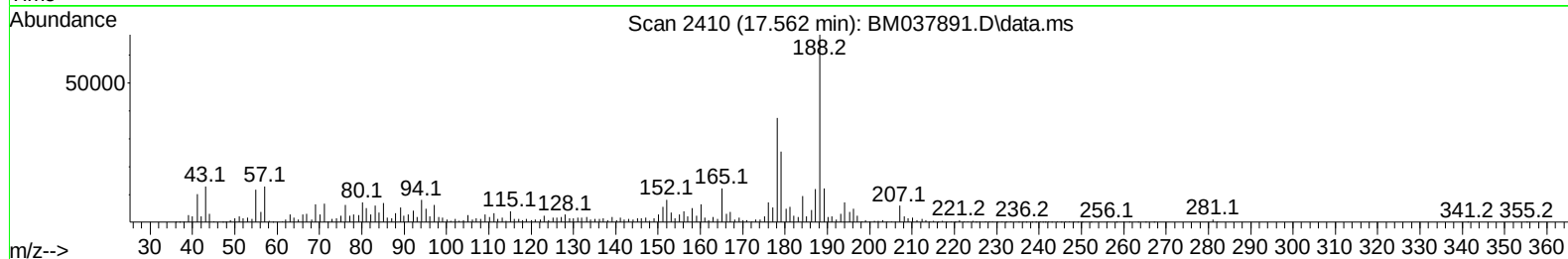
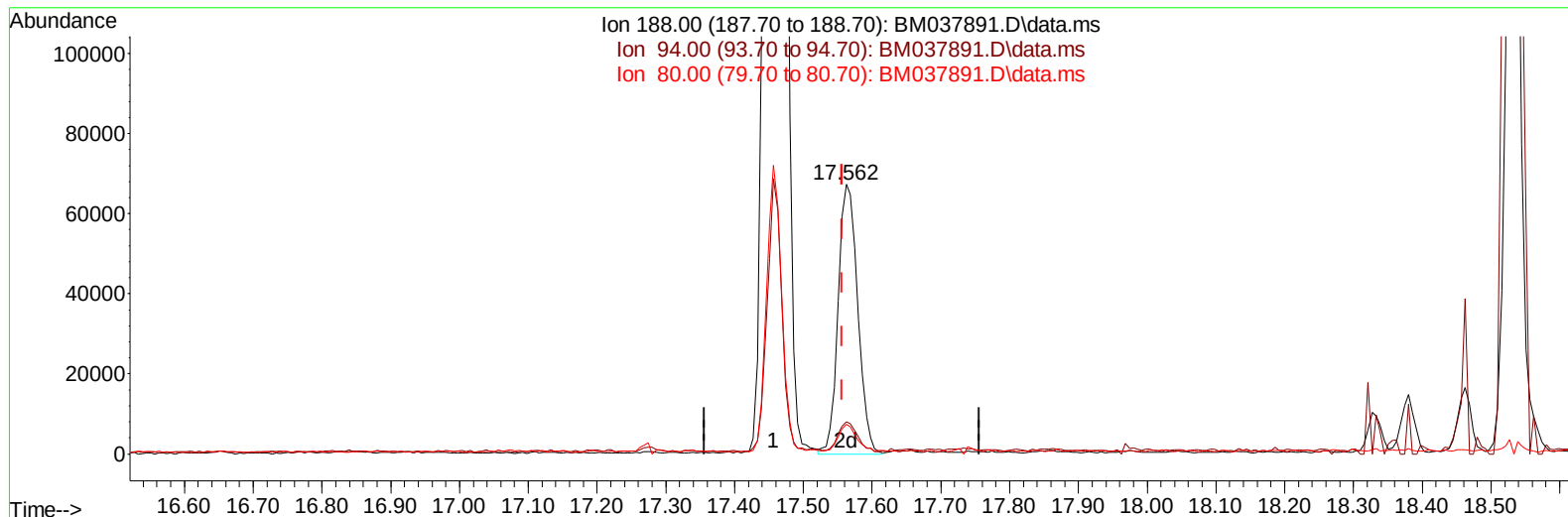
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
 Data File : BM037891.D
 Acq On : 08 Dec 2022 17:50
 Operator : CG/JU
 Sample : N5832-15 10X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXL0

Manual IntegrationsAPPROVED

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Reviewed By :Jagrut Upadhyay 12/09/2022
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TIC: BM037891.D\data.ms

(73) Anthracene-d10 (S)

17.562min (+ 0.006) 2.48 ng/ul m

response 132487

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	12.03
80.00	8.80	10.88#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
 Data File : BM037891.D
 Acq On : 08 Dec 2022 17:50
 Operator : CG/JU
 Sample : N5832-15 10X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :

BNA_M

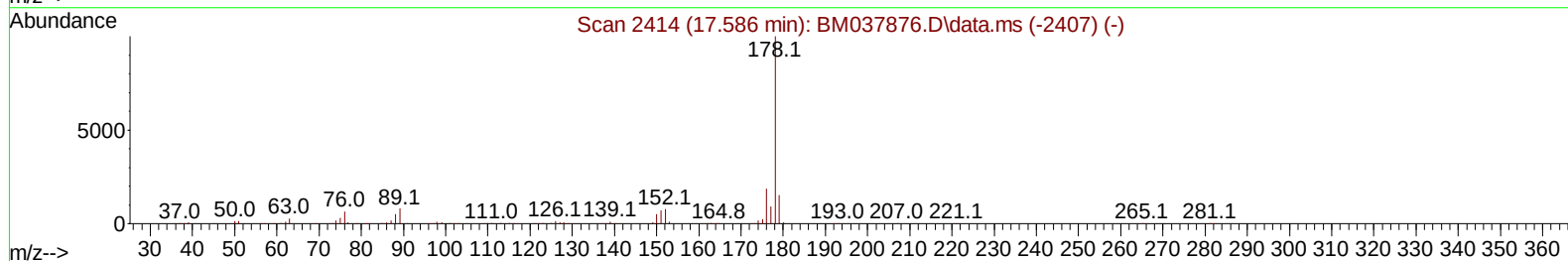
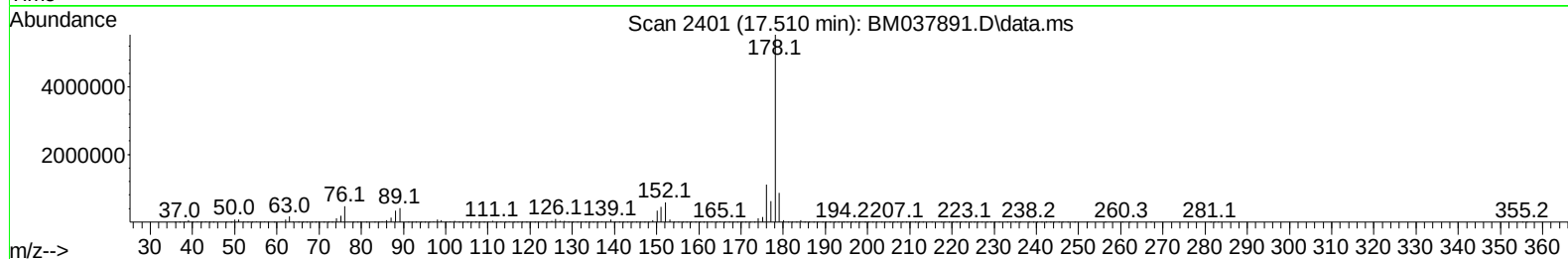
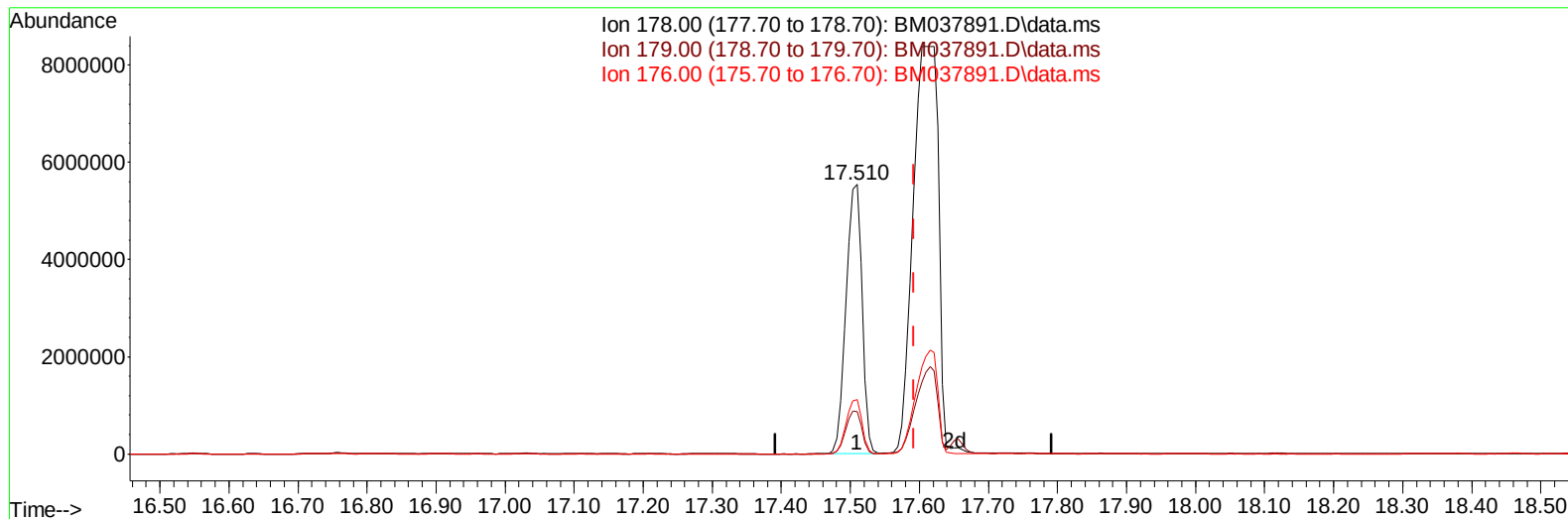
ClientSampleId :

DBXL0

Manual IntegrationsAPPROVED

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TIC: BM037891.D\data.ms

(74) Anthracene

17.510min (-0.082) 140.82 ng/ul

response 8937466

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	14.80	15.75
176.00	18.80	20.14
0.00	0.00	0.00

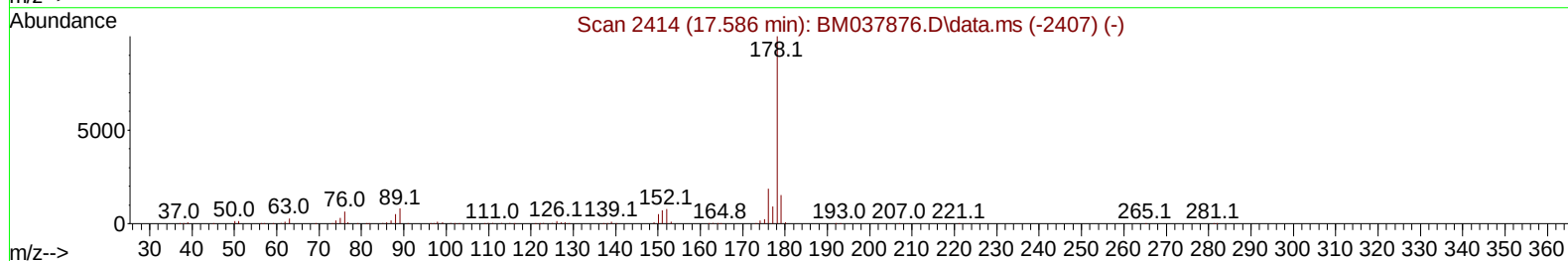
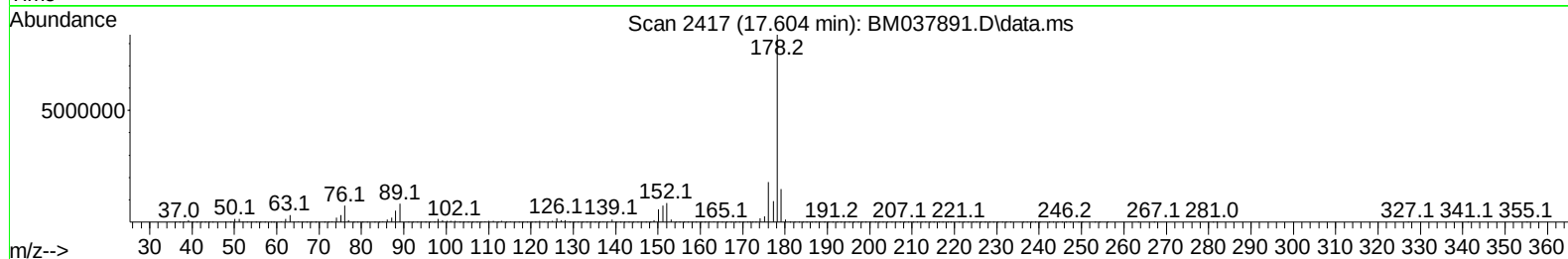
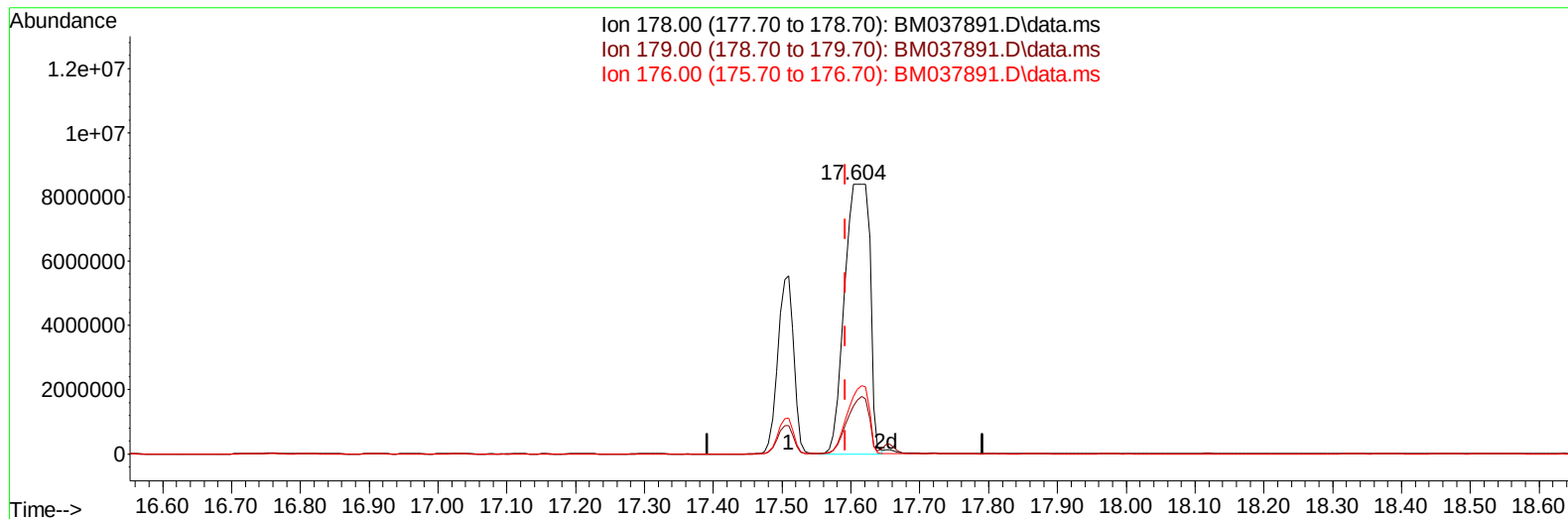
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
 Data File : BM037891.D
 Acq On : 08 Dec 2022 17:50
 Operator : CG/JU
 Sample : N5832-15 10X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXL0

Manual IntegrationsAPPROVED

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TIC: BM037891.D\data.ms

(74) Anthracene

17.604min (+ 0.012) 337.74 ng/ul m

response 21435354

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	14.80	17.74
176.00	18.80	21.44
0.00	0.00	0.00

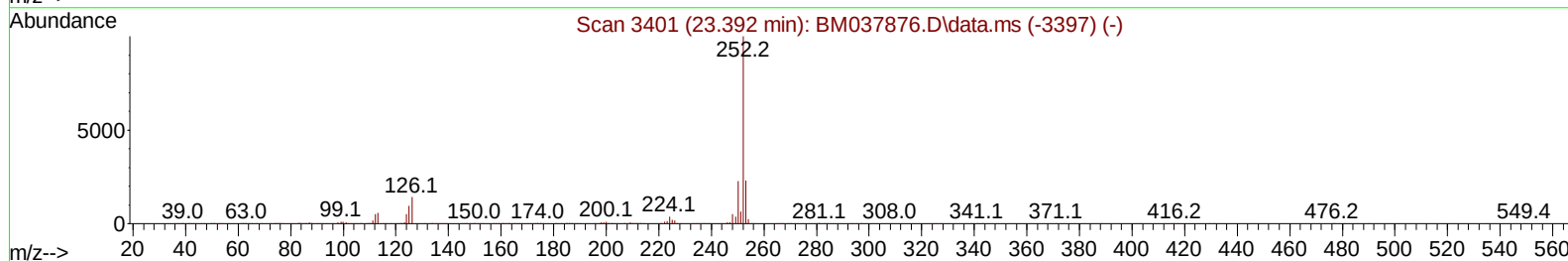
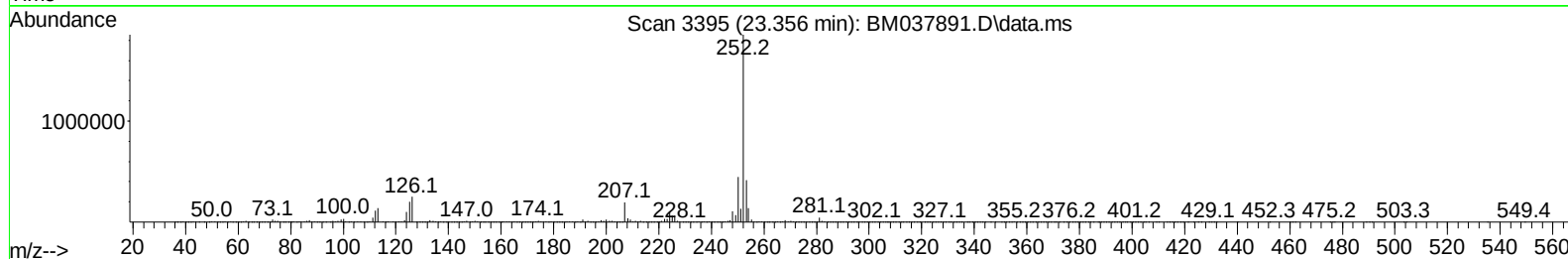
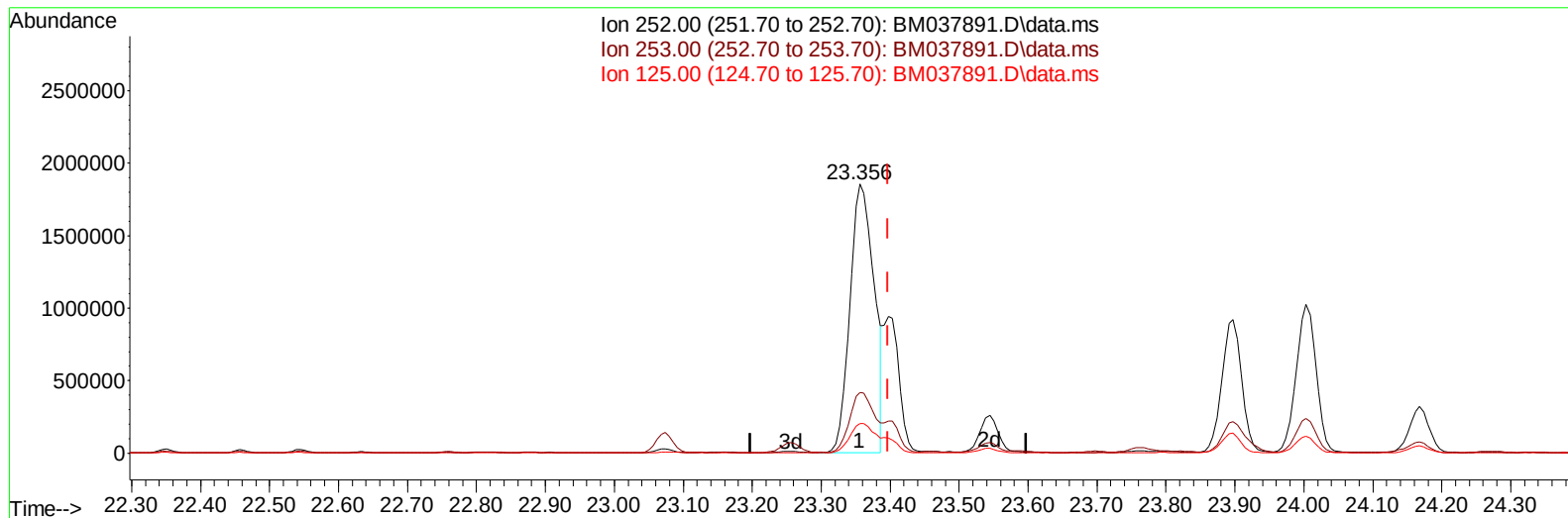
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 Data File : BM037891.D
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 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
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 DBXL0

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TIC: BM037891.D\data.ms

(91) Benzo(k)fluoranthene

23.356min (-0.041) 70.31 ng/u1

response 4512636

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.80	22.54
125.00	10.10	10.97
0.00	0.00	0.00

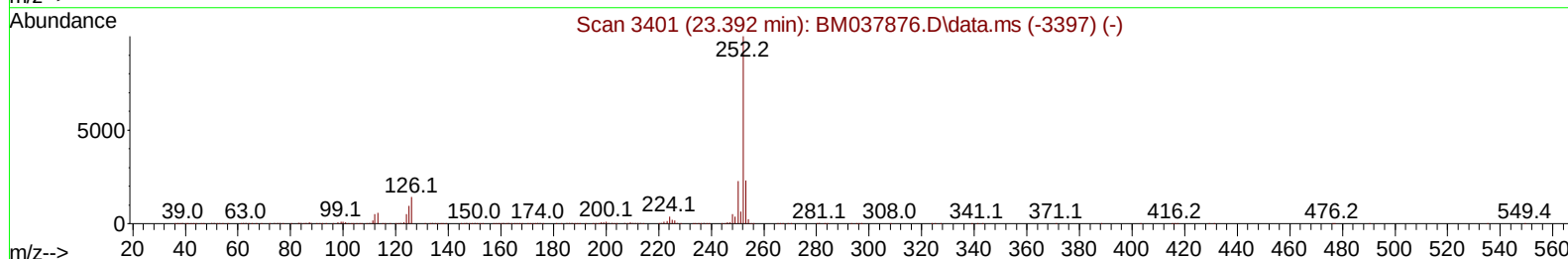
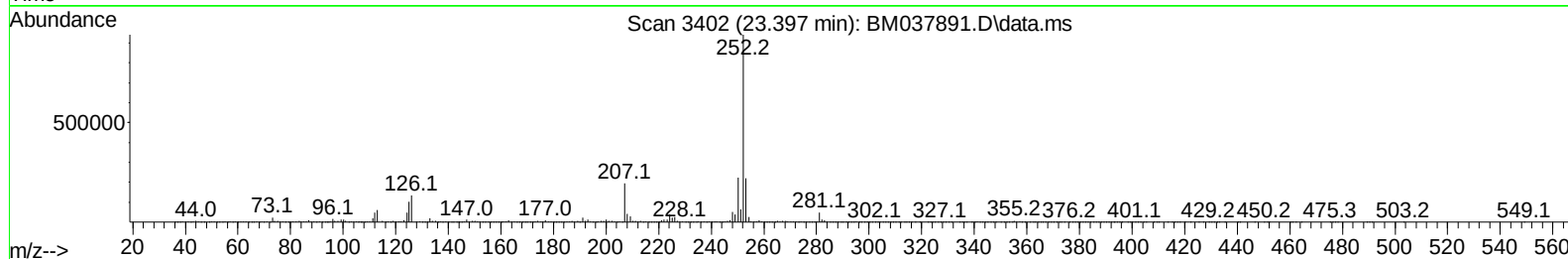
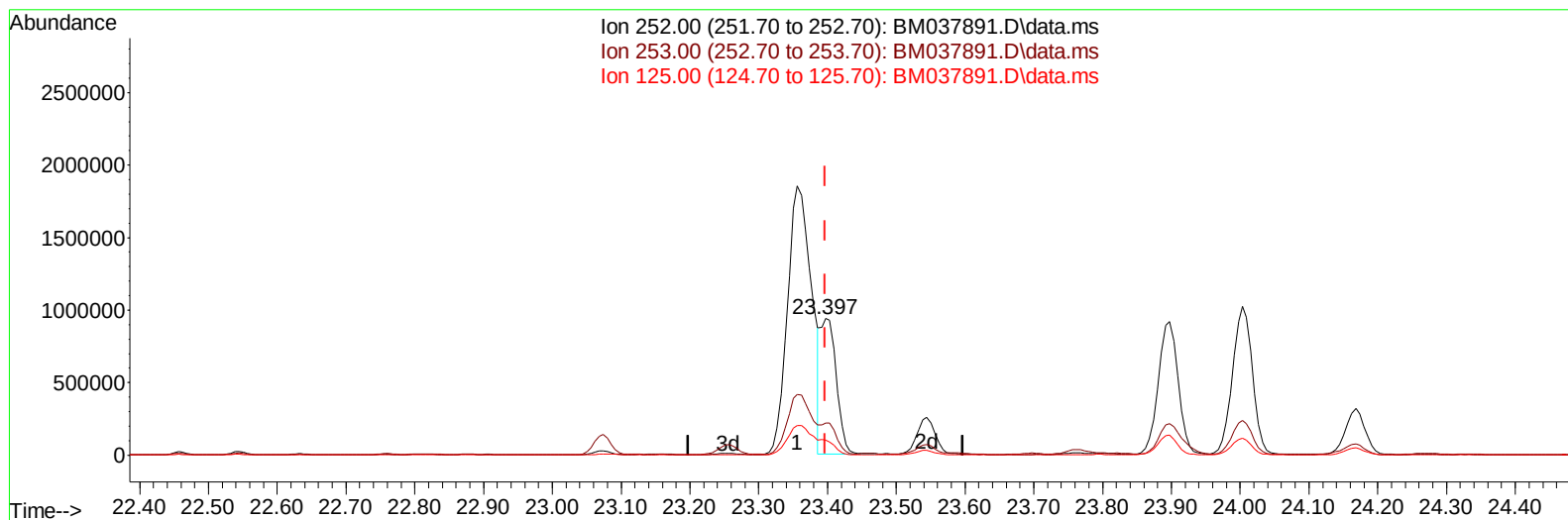
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
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 Acq On : 08 Dec 2022 17:50
 Operator : CG/JU
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 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
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TIC: BM037891.D\data.ms

(91) Benzo(k)fluoranthene

23.397min (+ 0.000) 23.09 ng/ul m

response 1482044

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.80	23.43
125.00	10.10	10.75
0.00	0.00	0.00

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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.087	152		292760	20.000	ng/ul	0.00
20) Naphthalene-d8	10.910	136		1161640	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.716	164		635576	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.457	188		1143601	20.000	ng/ul	0.00
79) Chrysene-d12	21.627	240		882692	20.000	ng/ul	0.00
88) Perylene-d12	24.115	264		1068259	20.000	ng/ul	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.428	96		2134m	0.331	ng/uL	0.00
4) Pyridine-d5	3.887	84		16614m	0.869	ng/ul	0.02
7) Phenol-d5	7.240	99		48853	2.054	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.410	67		30238	2.087	ng/ul	0.00
11) 2-Chlorophenol-d4	7.616	132		40515	2.076	ng/ul	0.00
15) 4-Methylphenol-d8	8.798	113		37805	2.036	ng/ul	0.00
21) Nitrobenzene-d5	9.257	128		19173	2.085	ng/ul	0.00
24) 2-Nitrophenol-d4	9.981	143		19553	2.029	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.528	165		34789	1.900	ng/ul	0.00
31) 4-Chloroaniline-d4	11.051	131		27381	1.083	ng/ul	0.00
46) Dimethylphthalate-d6	14.122	166		103844	2.292	ng/ul	0.00
49) Acenaphthylene-d8	14.410	160		118435	2.139	ng/ul	0.00
54) 4-Nitrophenol-d4	14.916	143		9483	1.228	ng/ul	0.00
60) Fluorene-d10	15.704	176		92986	2.303	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.827	200		6566	1.074	ng/ul	0.00
73) Anthracene-d10	17.562	188		132487m	2.482	ng/ul	0.00
81) Pyrene-d10	19.839	212		132877	2.506	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.950	264		132602	2.485	ng/ul	0.00
Target Compounds							
						Qvalue	
30) Naphthalene	10.957	128		490391	7.823	ng/ul	99
36) 2-Methylnaphthalene	12.557	142		374971	9.222	ng/ul	97
37) 1-Methylnaphthalene	12.775	142		45881	1.104	ng/ul	99
50) Acenaphthylene	14.439	152		303176	4.979	ng/ul	99
52) Acenaphthene	14.780	153		765135	18.166	ng/ul	98
61) Fluorene	15.763	166		2946580	62.832	ng/ul	100
71) Pentachlorophenol	17.110	266		14646	1.760	ng/ul	98
72) Phenanthrene	17.510	178		8937466	143.109	ng/ul	98
74) Anthracene	17.604	178		21435354m	337.740	ng/ul	
80) Fluoranthene	19.515	202		10844966	173.304	ng/ul	99
82) Pyrene	19.874	202		10748979	165.046	ng/ul	97
85) Benzo(a)anthracene	21.609	228		3094221	52.069	ng/ul	97
87) Chrysene	21.668	228		4072869	73.048	ng/ul	98
90) Benzo(b)fluoranthene	23.356	252		4512636	68.138	ng/ul	98
91) Benzo(k)fluoranthene	23.397	252		1482044m	23.090	ng/ul	
93) Benzo(a)pyrene	24.003	252		2040676	35.040	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.709	276		1051894	14.024	ng/ul	96
95) Dibenzo(a,h)anthracene	26.709	278		284636	4.501	ng/ul#	82
96) Benzo(g,h,i)perylene	27.515	276		732202	12.227	ng/ul	98

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

