

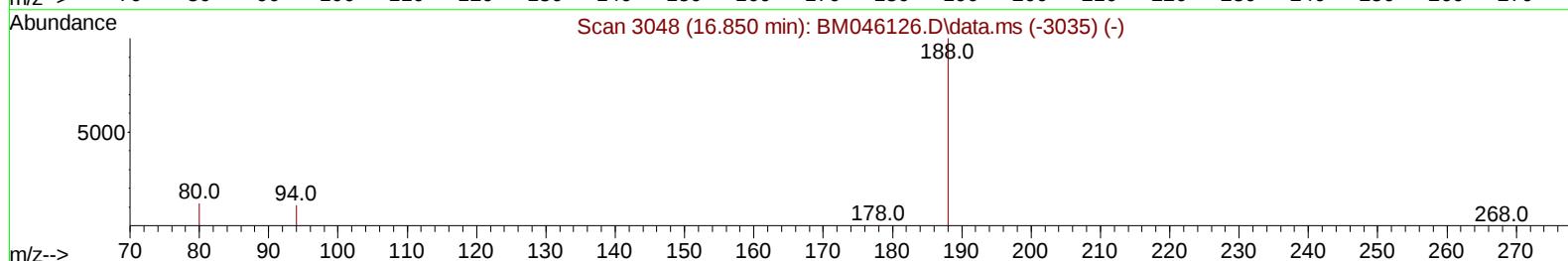
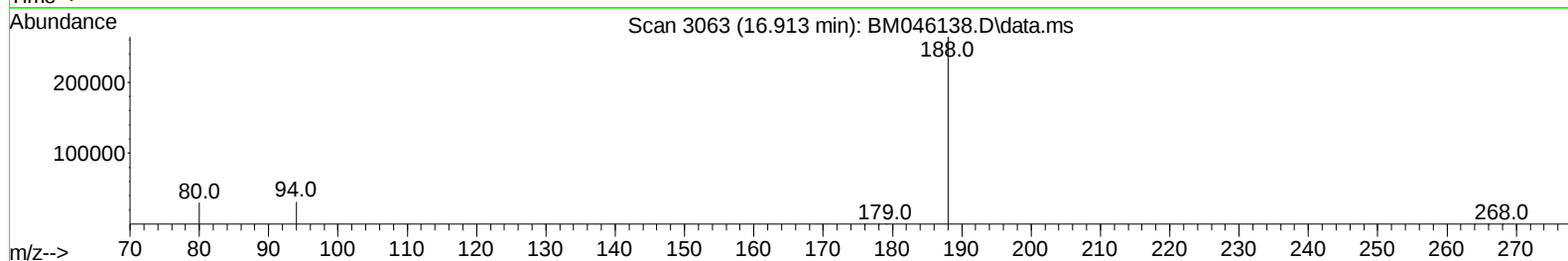
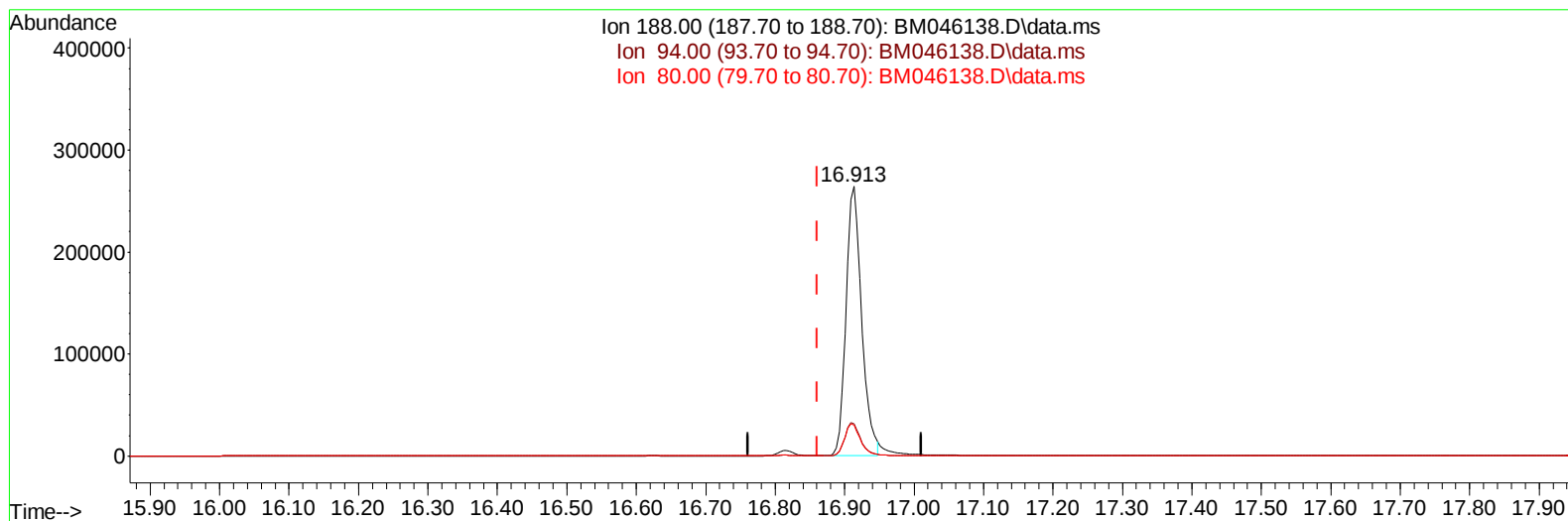
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046138.D
Acq On : 21 Jun 2024 00:16
Operator : MA/JU
Sample : P2710-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BM4

Manual IntegrationsAPPROVED

Quant Time: Jun 21 02:49:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 18 13:58:29 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



TIC: BM046138.D\data.ms

(13) Phenanthrene-d10 (I)

16.913min (+ 0.052) 0.40 ng/u1

response 412929

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	13.80	12.02
80.00	15.20	11.45#
0.00	0.00	0.00

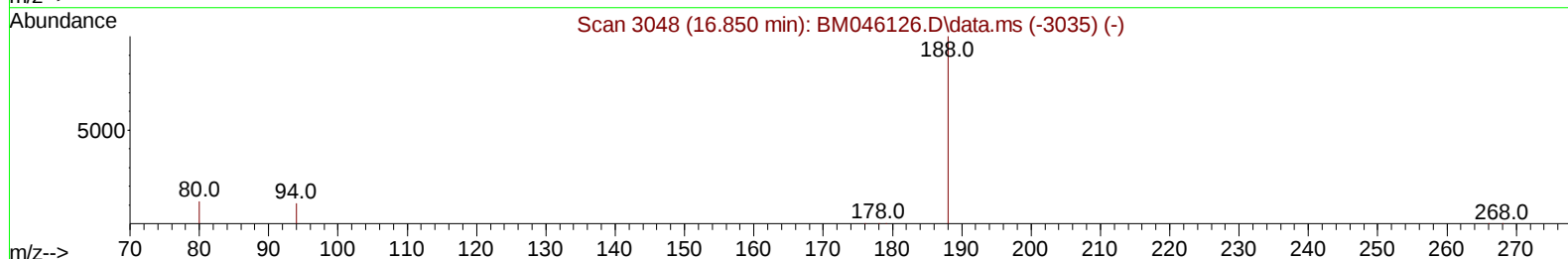
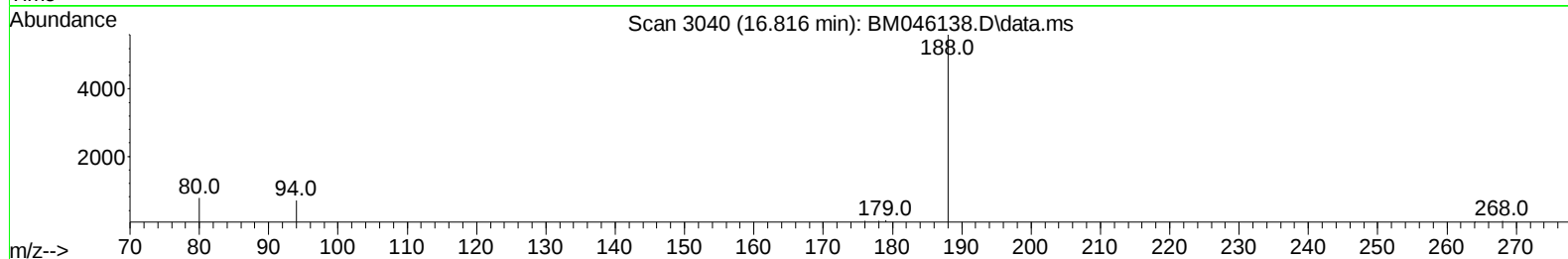
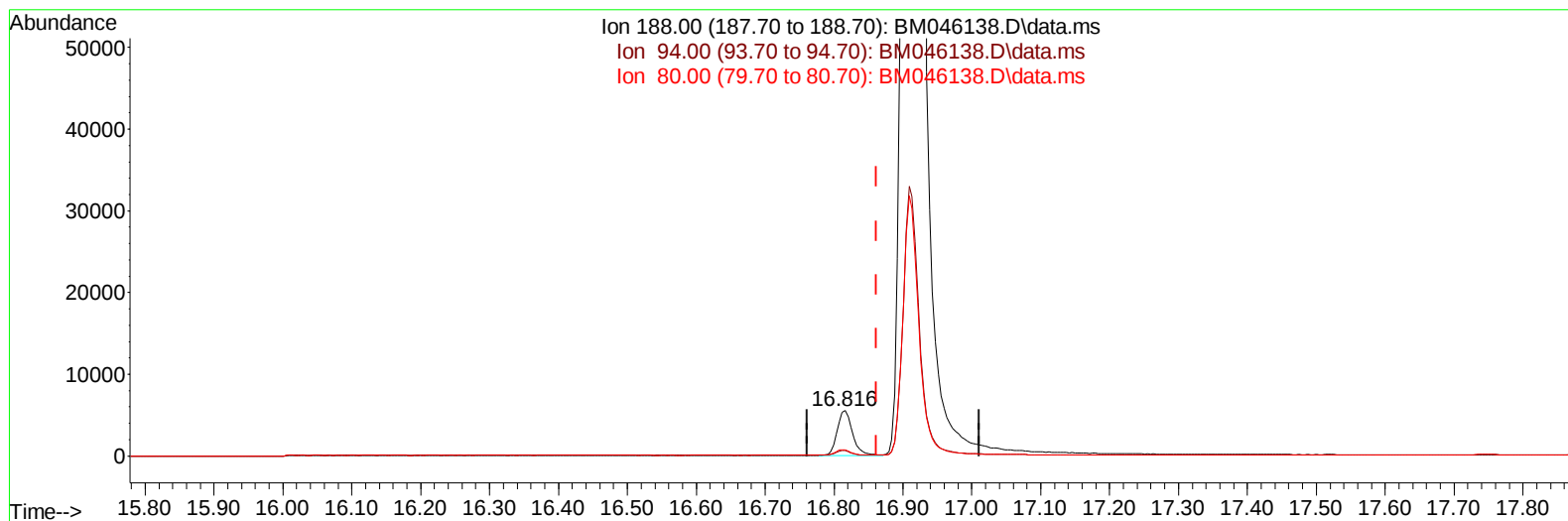
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046138.D
Acq On : 21 Jun 2024 00:16
Operator : MA/JU
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Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BM046138.D\data.ms

(13) Phenanthrene-d10 (I)

16.816min (-0.045) 0.40 ng/u1 m

response 8515

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	13.80	12.50
80.00	15.20	13.68
0.00	0.00	0.00

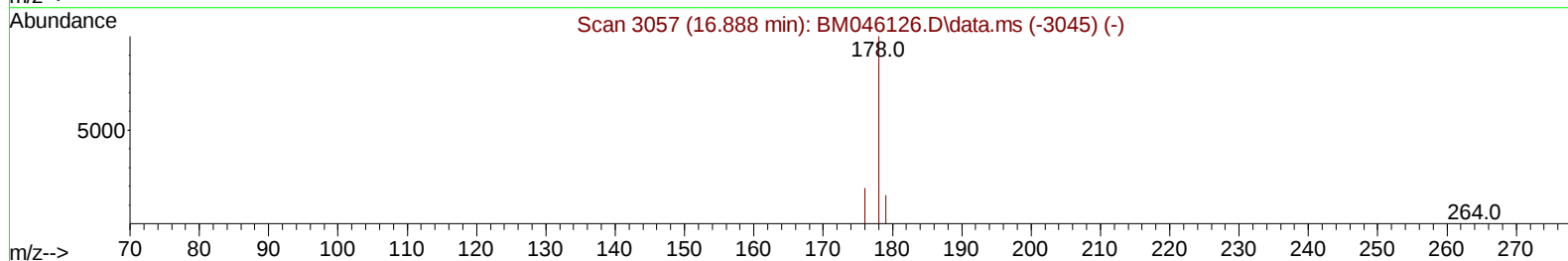
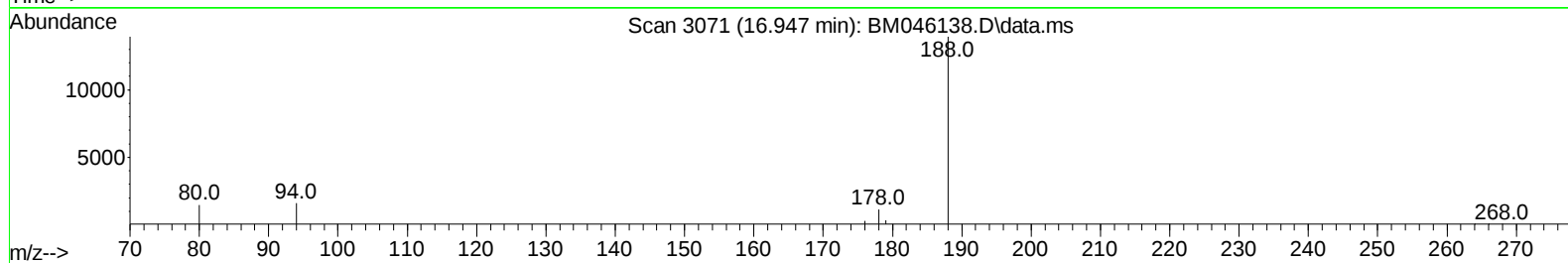
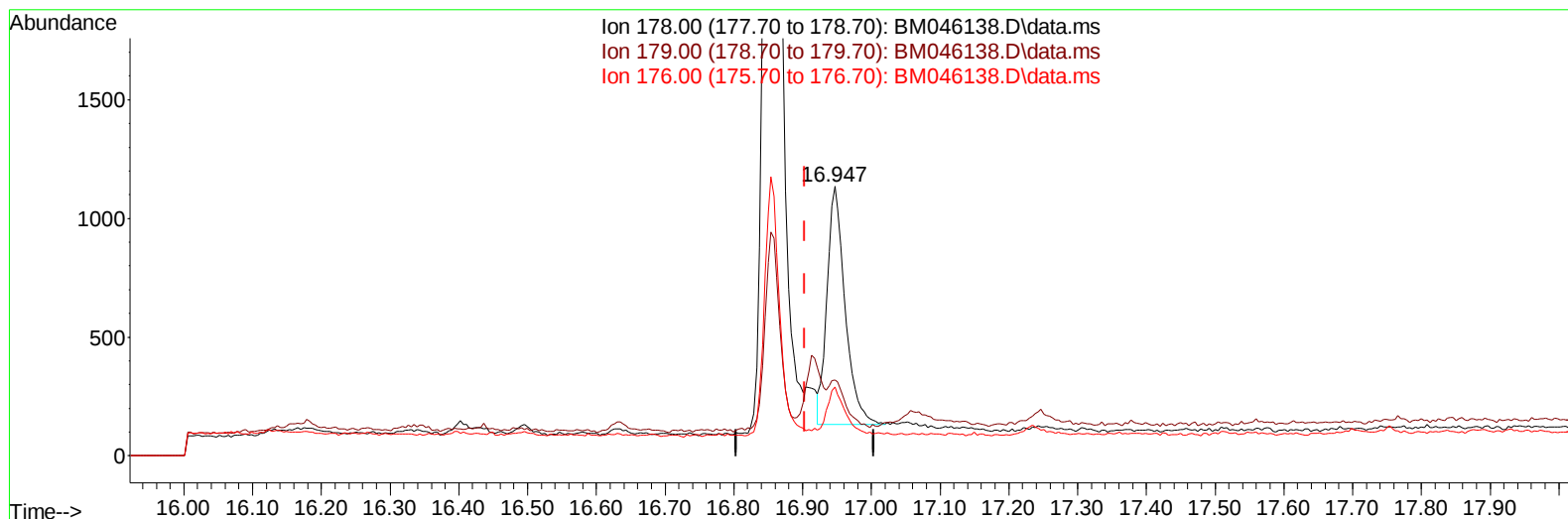
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046138.D
Acq On : 21 Jun 2024 00:16
Operator : MA/JU
Sample : P2710-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BM4

Manual IntegrationsAPPROVED

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QLast Update : Tue Jun 18 13:58:29 2024
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TIC: BM046138.D\data.ms

(15) Phenanthrene

16.947min (+ 0.043) 0.08 ng/u1

response 1823

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.70	28.19#
176.00	21.40	25.46
0.00	0.00	0.00

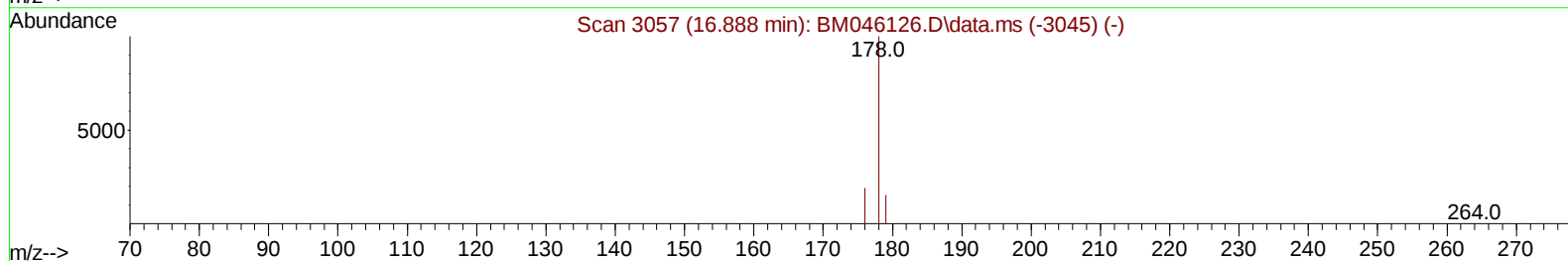
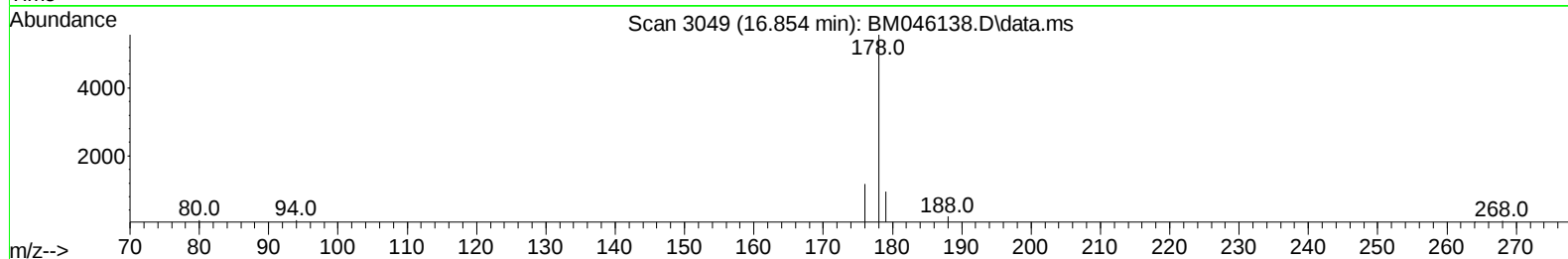
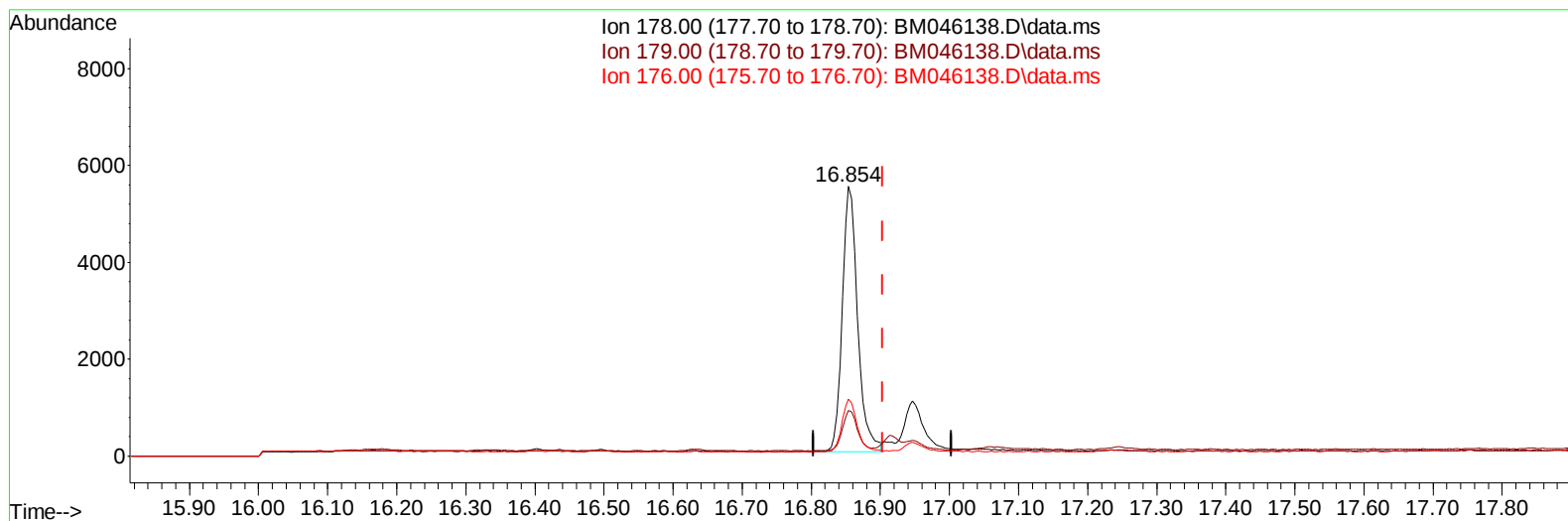
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046138.D
Acq On : 21 Jun 2024 00:16
Operator : MA/JU
Sample : P2710-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BM4

Manual IntegrationsAPPROVED

Quant Time: Jun 21 02:49:59 2024
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TIC: BM046138.D\data.ms

(15) Phenanthrene

16.854min (-0.049) 0.35 ng/ul m

response 8467

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.70	16.94
176.00	21.40	21.14
0.00	0.00	0.00

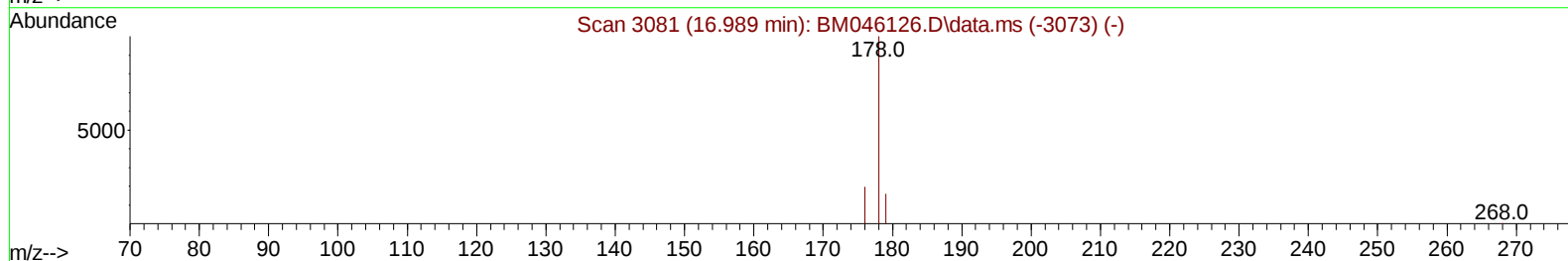
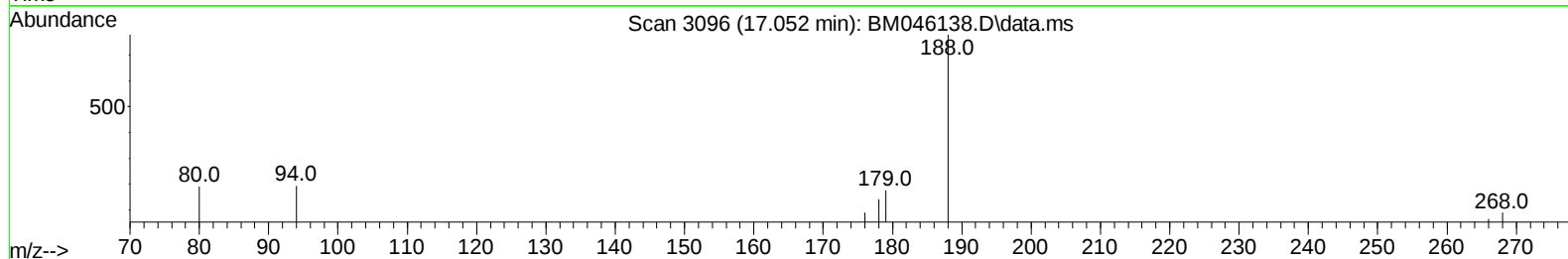
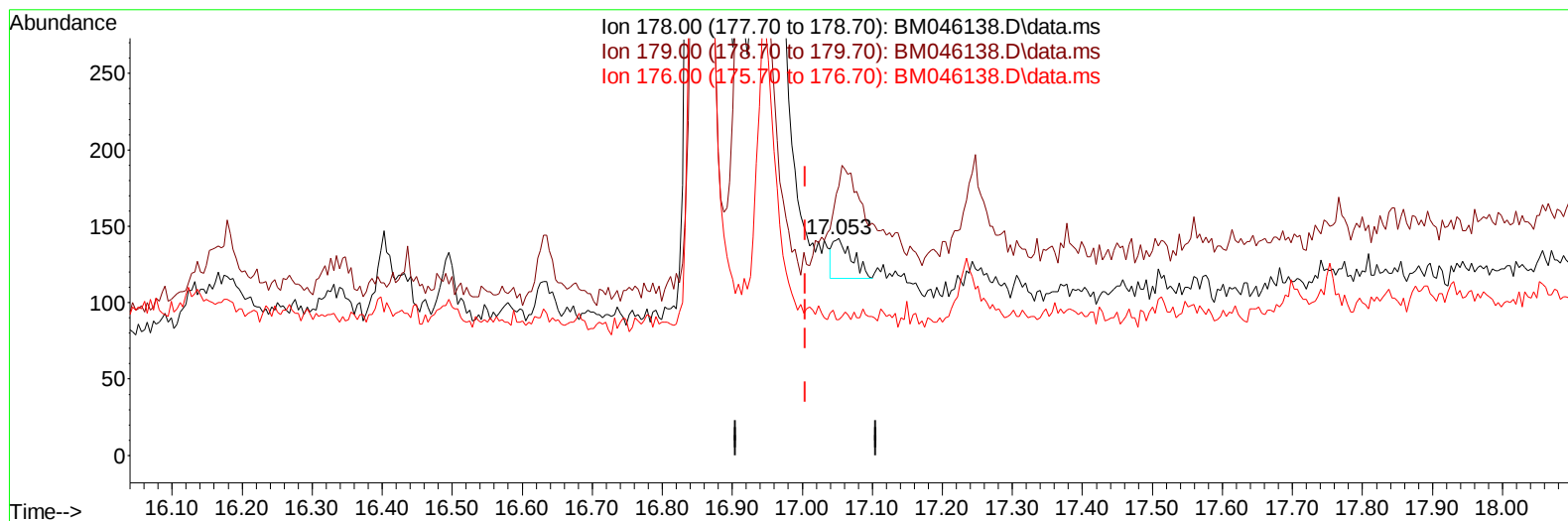
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046138.D
Acq On : 21 Jun 2024 00:16
Operator : MA/JU
Sample : P2710-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BM4

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TIC: BM046138.D\data.ms

(16) Anthracene

17.052min (+ 0.048) 0.00 ng/u1

response 48

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	18.60	123.94#
176.00	21.20	62.68#
0.00	0.00	0.00

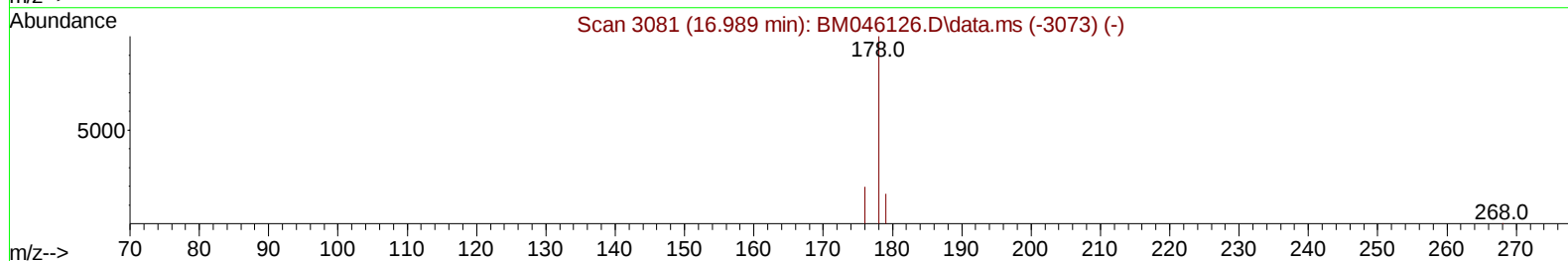
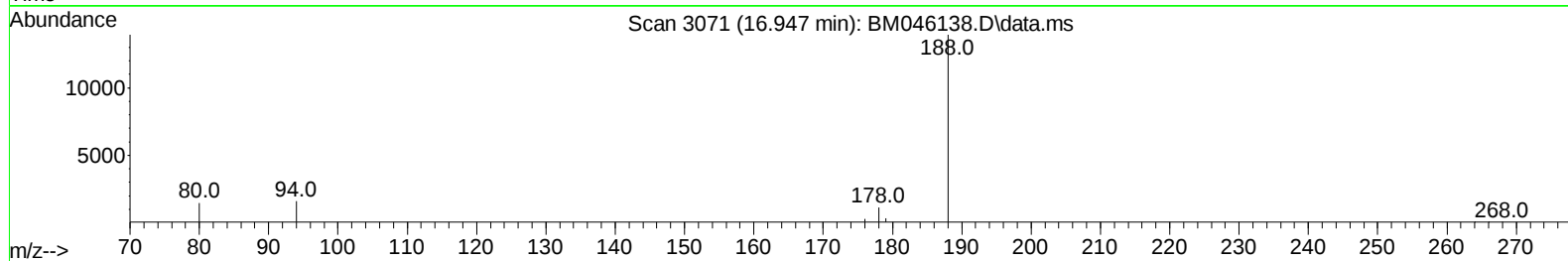
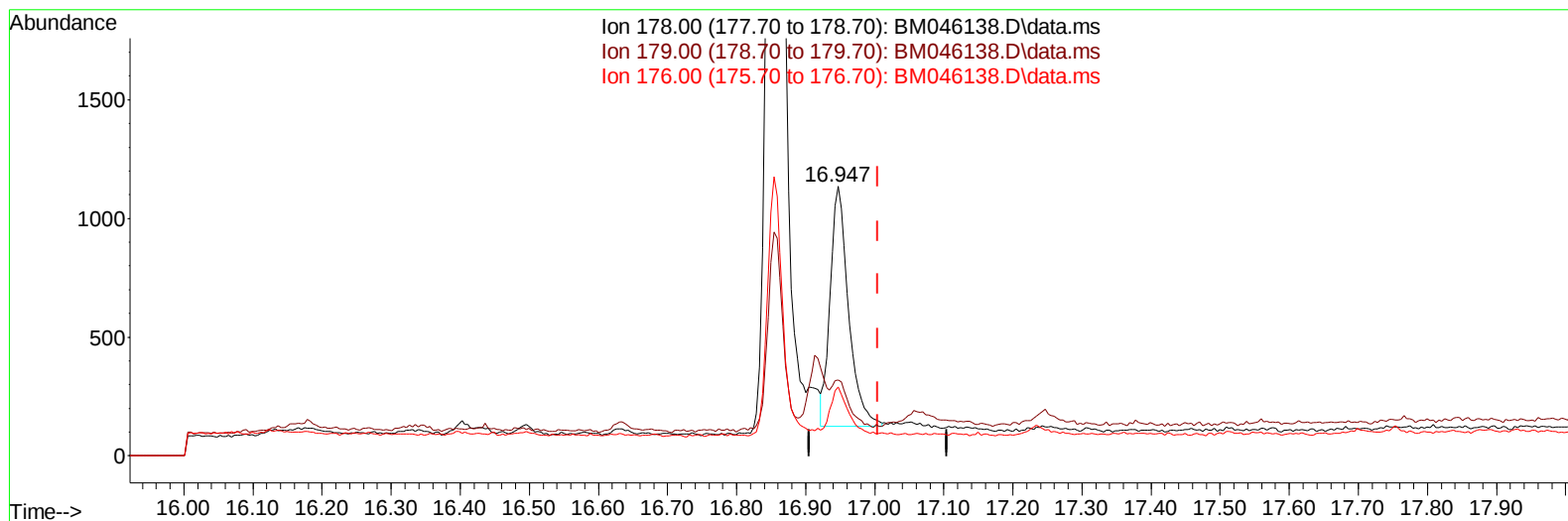
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046138.D
Acq On : 21 Jun 2024 00:16
Operator : MA/JU
Sample : P2710-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BM4

Manual IntegrationsAPPROVED

Quant Time: Jun 21 02:49:59 2024
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TIC: BM046138.D\data.ms

(16) Anthracene

16.947min (-0.058) 0.10 ng/u1 m

response 1870

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	18.60	28.19#
176.00	21.20	25.46#
0.00	0.00	0.00

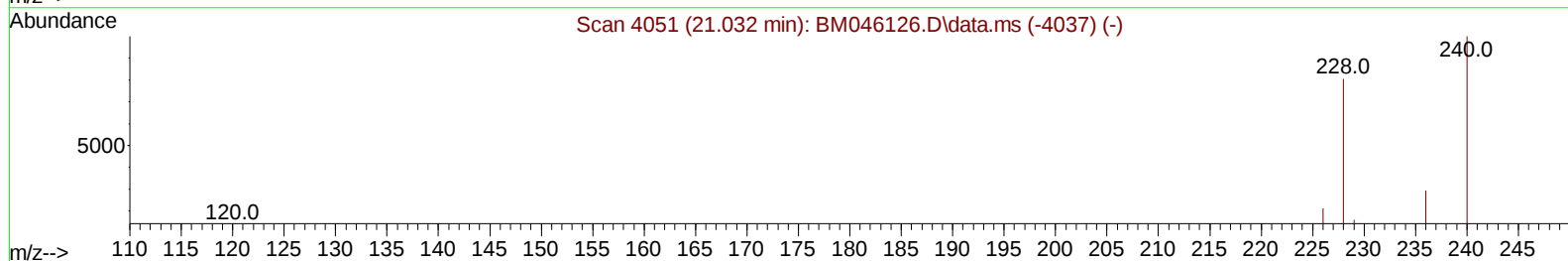
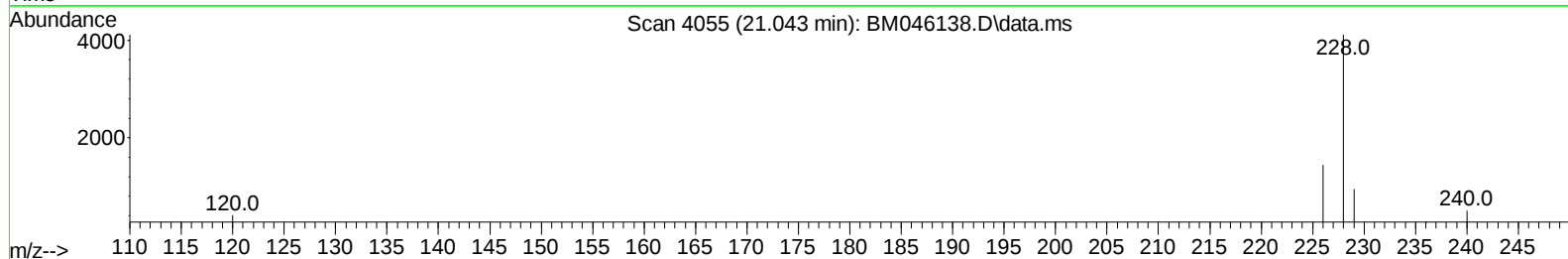
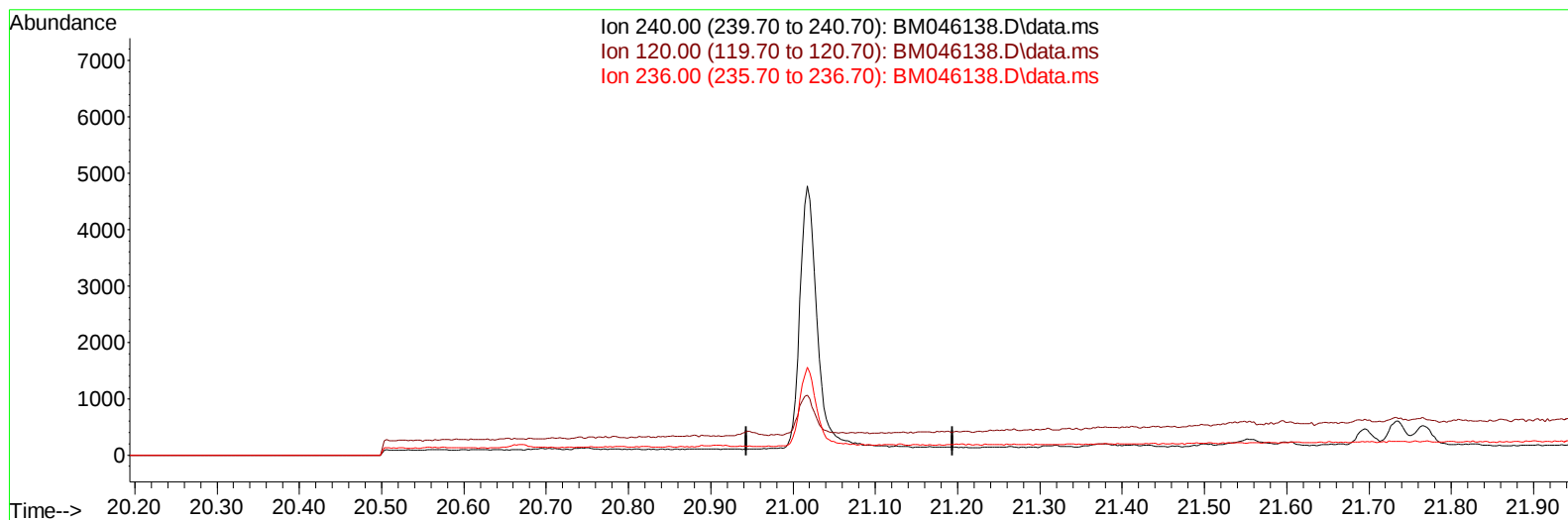
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046138.D
Acq On : 21 Jun 2024 00:16
Operator : MA/JU
Sample : P2710-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BM4

Manual IntegrationsAPPROVED

Quant Time: Jun 21 02:49:59 2024
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TIC: BM046138.D\data.ms

(17) Chrysene-d12

21.044min (-21.044) 0.00 ng/u1

response 0

Ion	Exp%	Act%
240.00	100.00	0.00
120.00	23.50	0.00#
236.00	33.60	0.00#
0.00	0.00	0.00

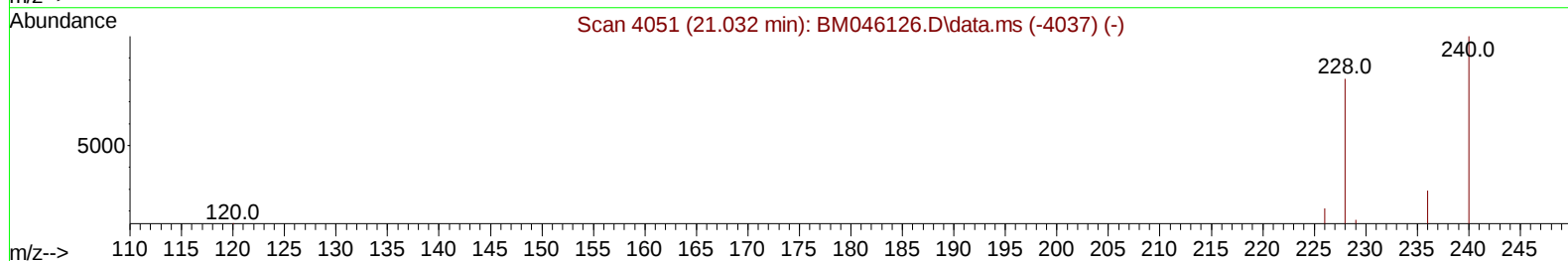
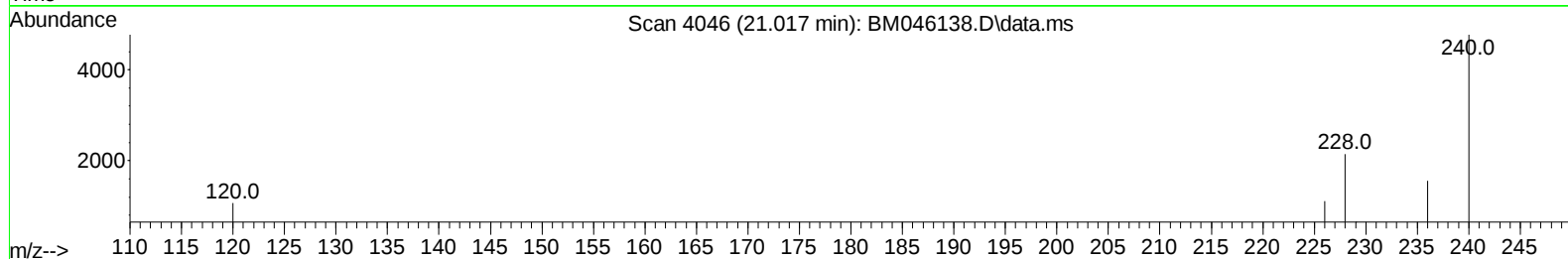
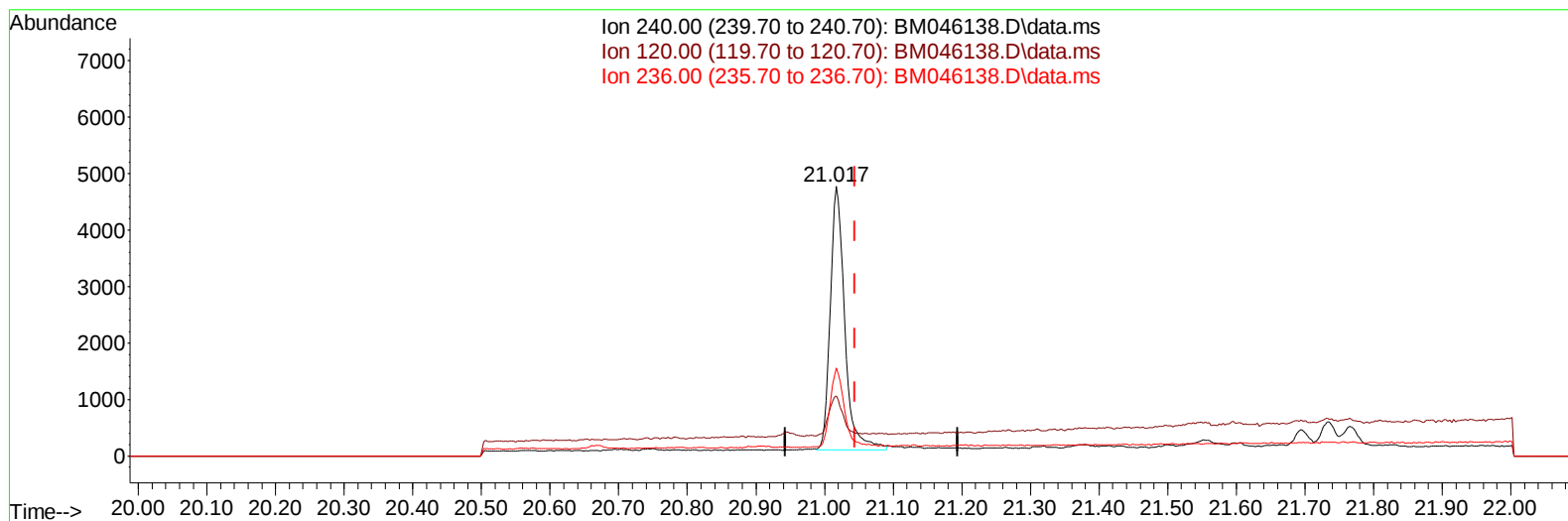
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046138.D
Acq On : 21 Jun 2024 00:16
Operator : MA/JU
Sample : P2710-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BM4

Manual IntegrationsAPPROVED

Quant Time: Jun 21 02:49:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
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TIC: BM046138.D\data.ms

(17) Chrysene-d12

21.017min (-0.027) 0.40 ng/u1 m

response 6810

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	23.50	22.26
236.00	33.60	32.76
0.00	0.00	0.00

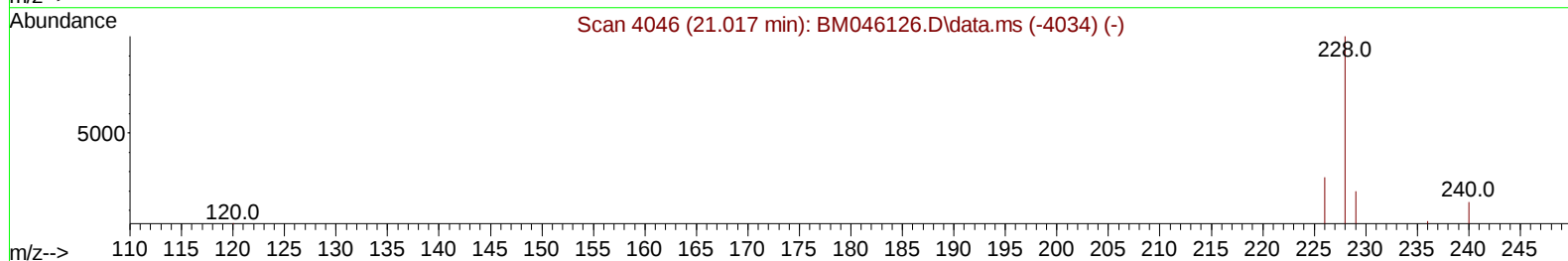
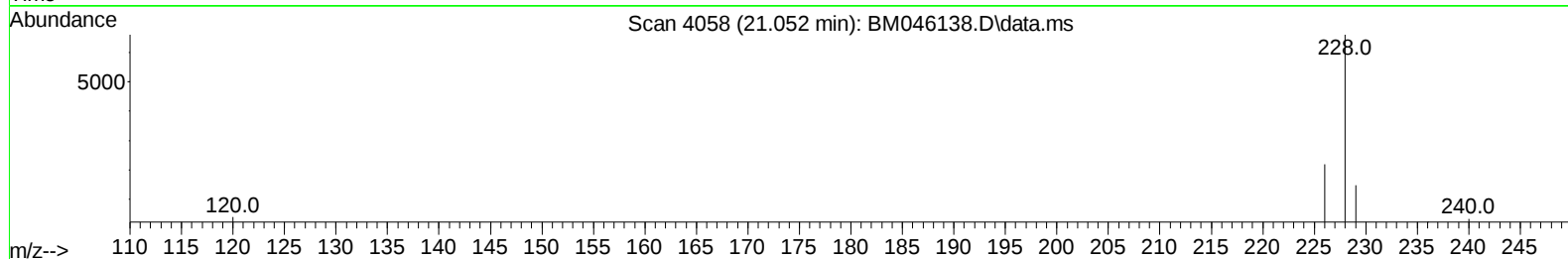
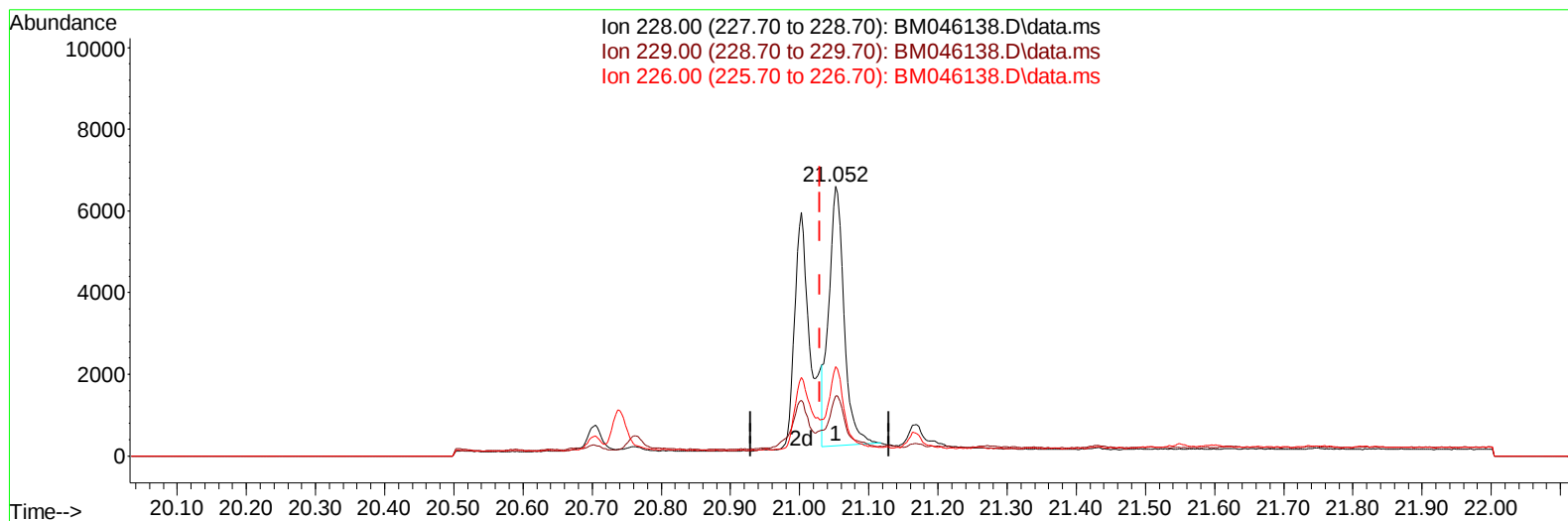
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046138.D
Acq On : 21 Jun 2024 00:16
Operator : MA/JU
Sample : P2710-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BM4

Manual IntegrationsAPPROVED

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TIC: BM046138.D\data.ms

(21) Benzo(a)anthracene

21.052min (+ 0.023) 0.37 ng/u1

response 9752

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.50	22.26
226.00	29.30	33.22
0.00	0.00	0.00

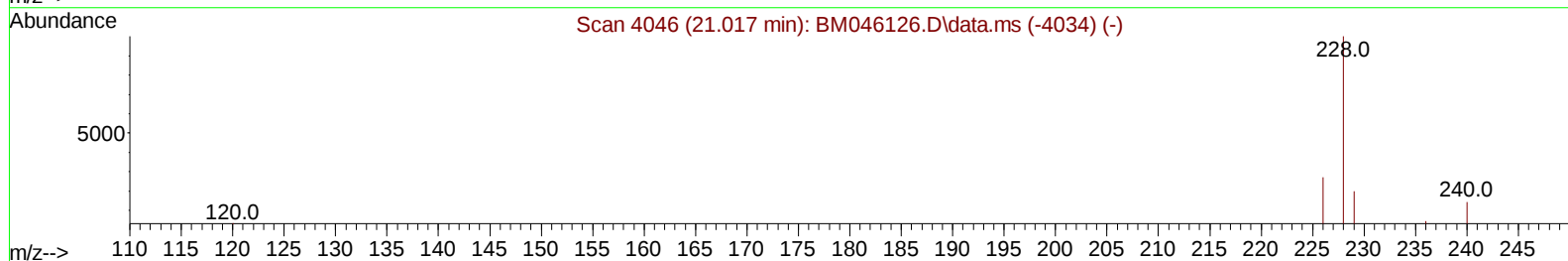
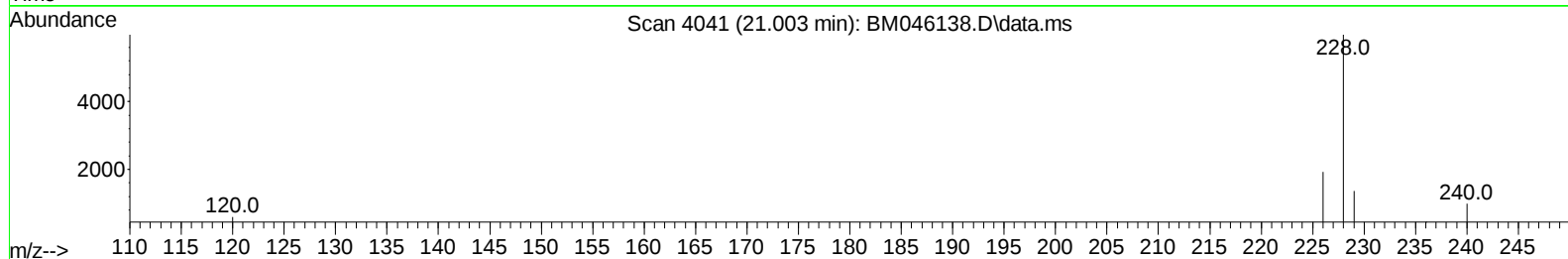
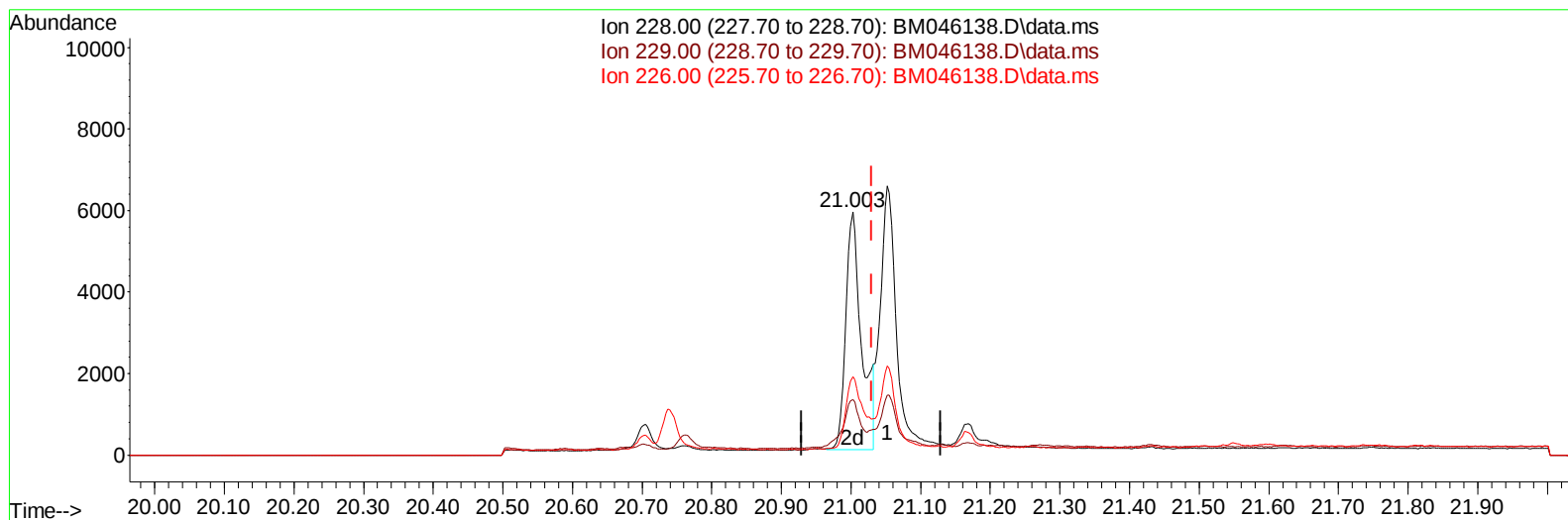
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046138.D
Acq On : 21 Jun 2024 00:16
Operator : MA/JU
Sample : P2710-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BM4

Manual IntegrationsAPPROVED

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TIC: BM046138.D\data.ms

(21) Benzo(a)anthracene

21.003min (-0.027) 0.35 ng/u1 m

response 9182

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.50	22.79
226.00	29.30	32.31
0.00	0.00	0.00

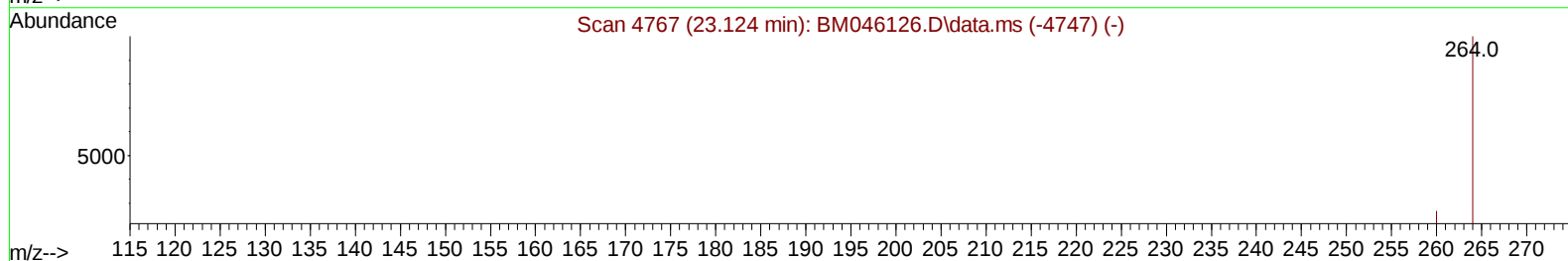
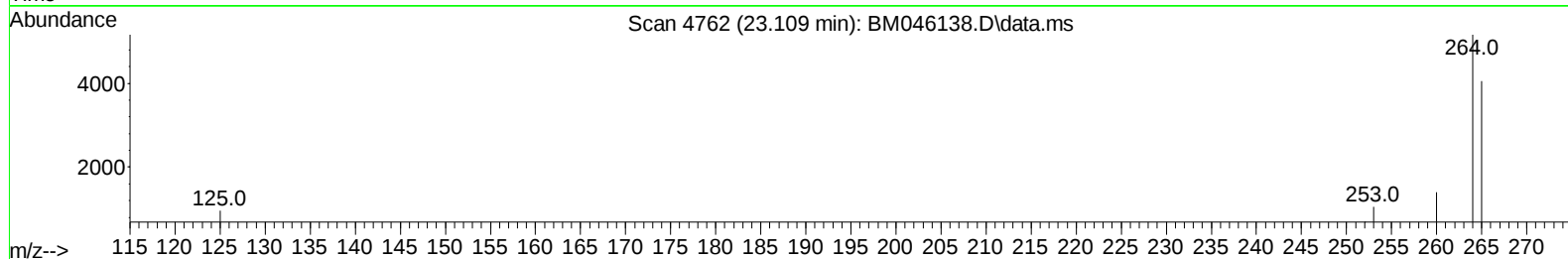
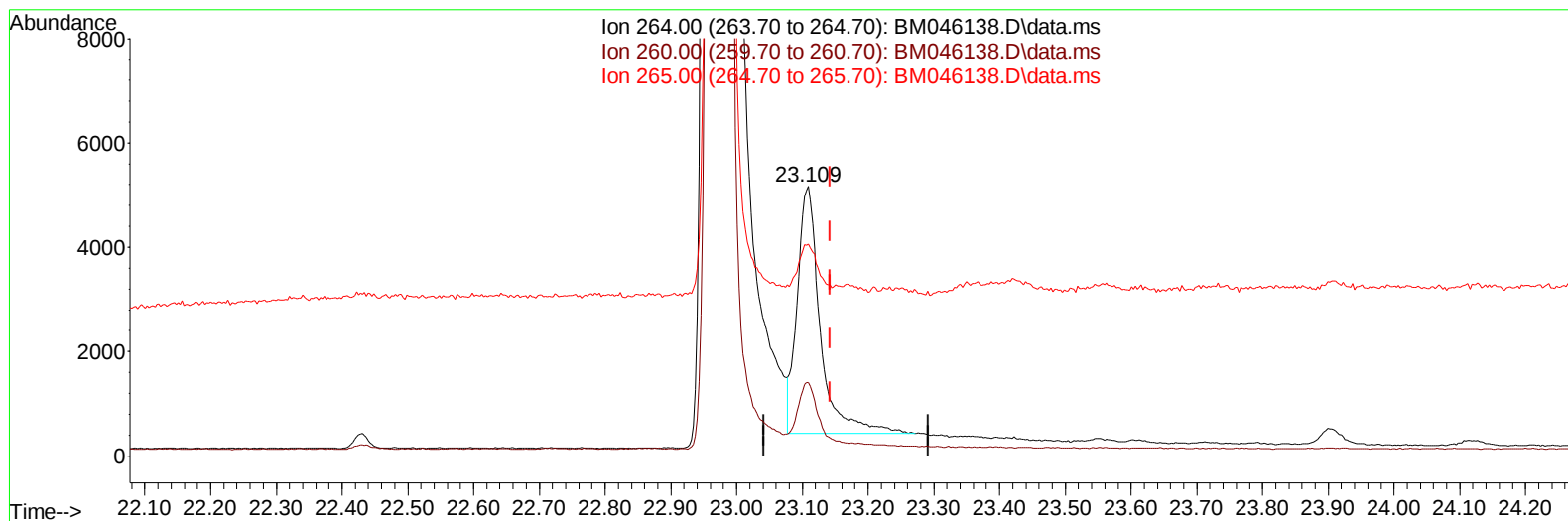
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046138.D
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Operator : MA/JU
Sample : P2710-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BM4

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TIC: BM046138.D\data.ms

(23) Perylene-d12 (I)

23.109min (-0.033) 0.40 ng/u1

response 11529

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	28.20	27.16
265.00	110.60	78.57#
0.00	0.00	0.00

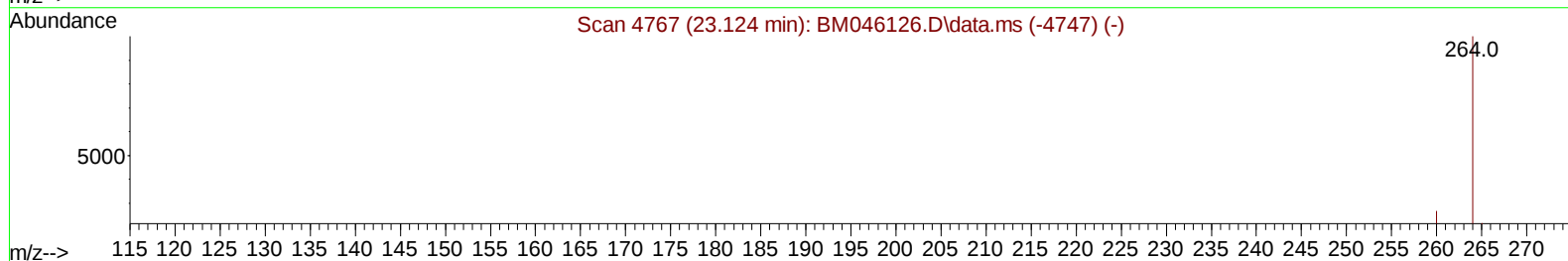
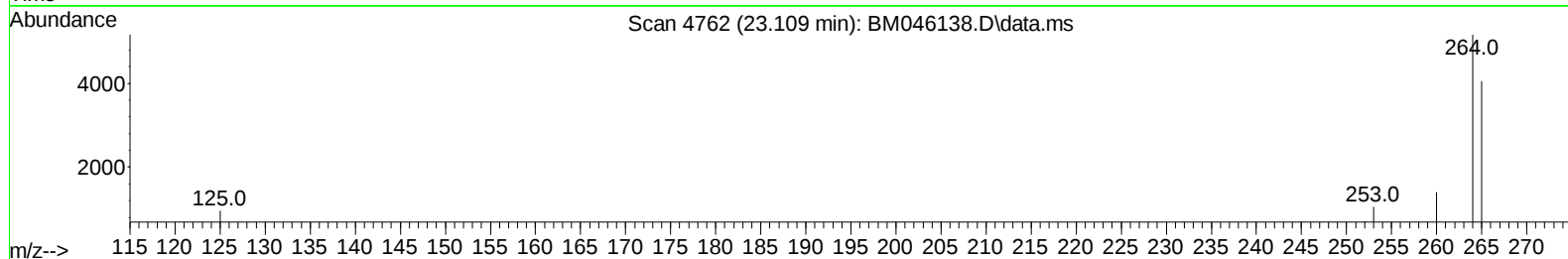
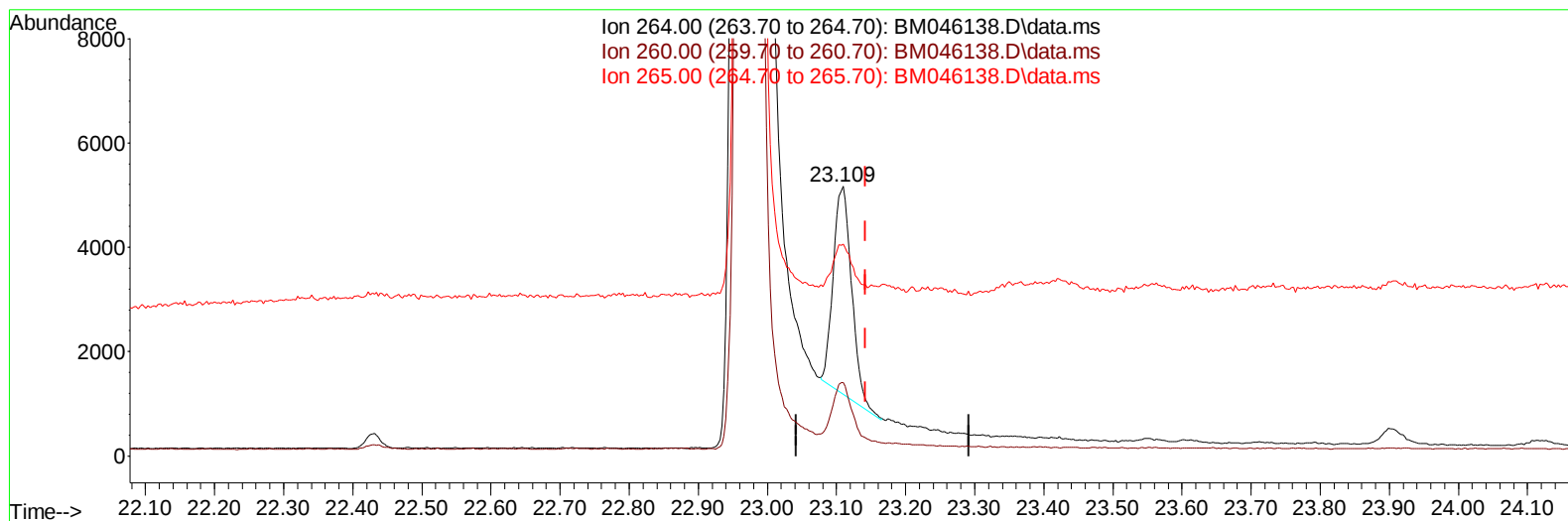
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046138.D
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Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
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ClientSampleId :
A4BM4

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TIC: BM046138.D\data.ms

(23) Perylene-d12 (I)

23.109min (-0.033) 0.40 ng/u1 m

response 7310

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	28.20	27.16
265.00	110.60	78.57#
0.00	0.00	0.00

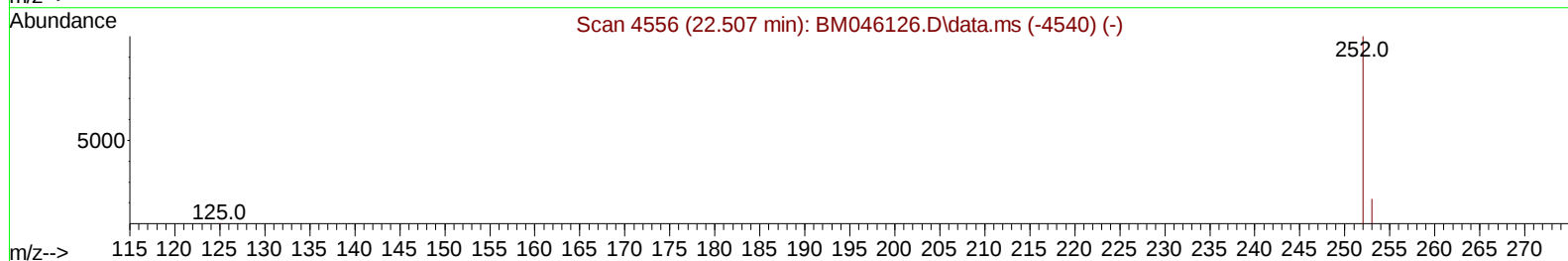
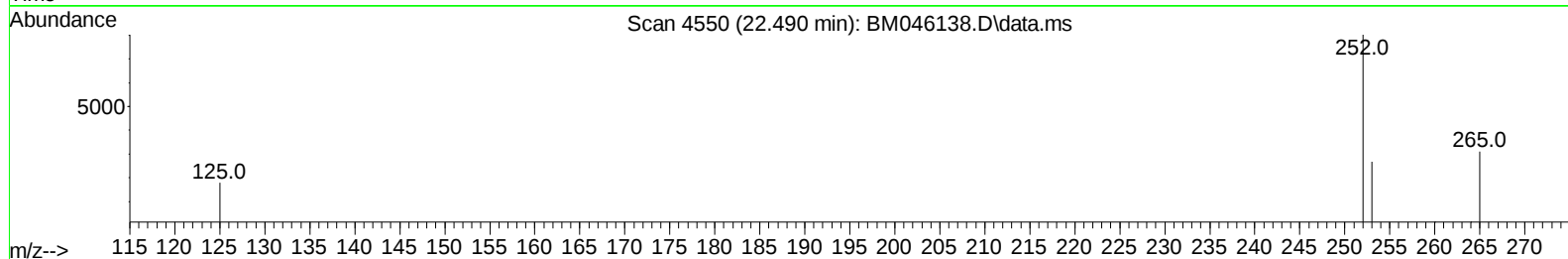
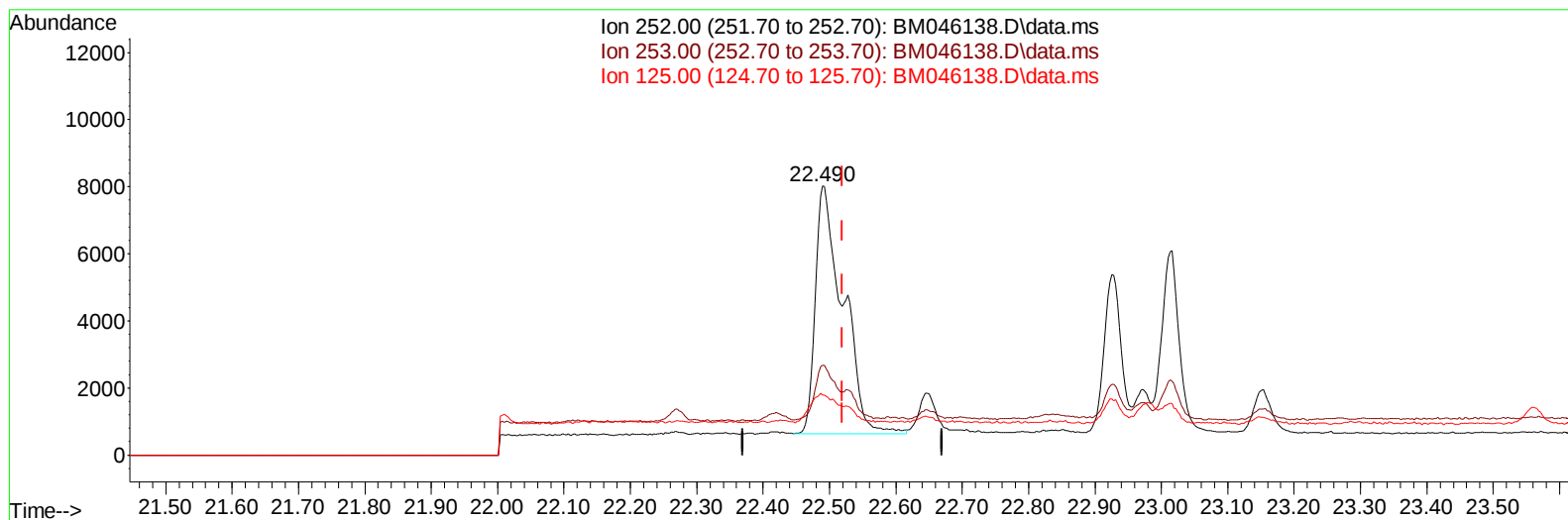
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
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ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BM4

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TIC: BM046138.D\data.ms

(24) Benzo(b)fluoranthene

22.490min (-0.030) 0.81 ng/u1

response 21355

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.90	33.39
125.00	20.10	22.27
0.00	0.00	0.00

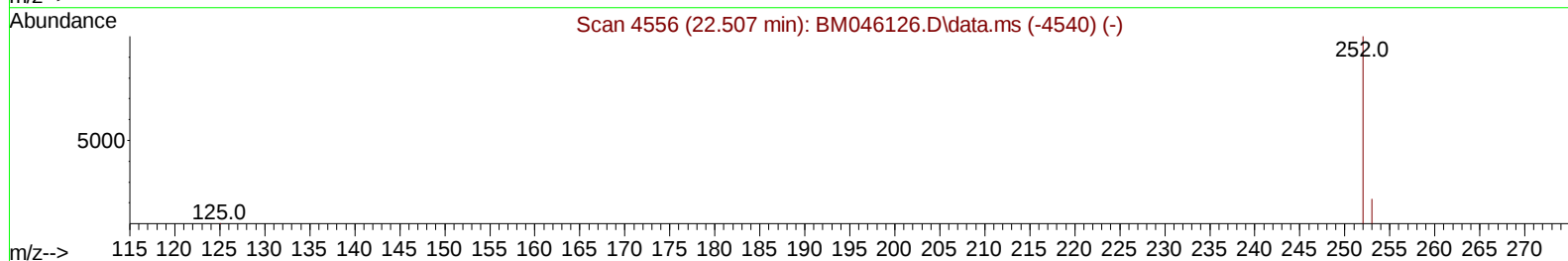
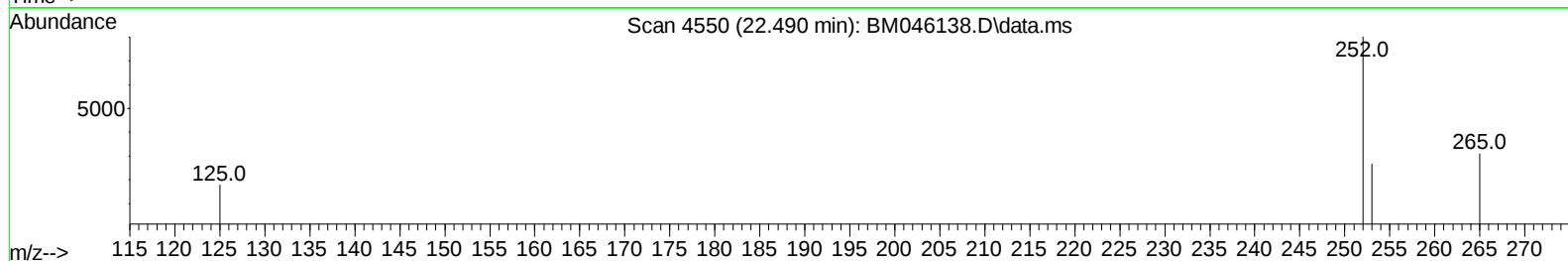
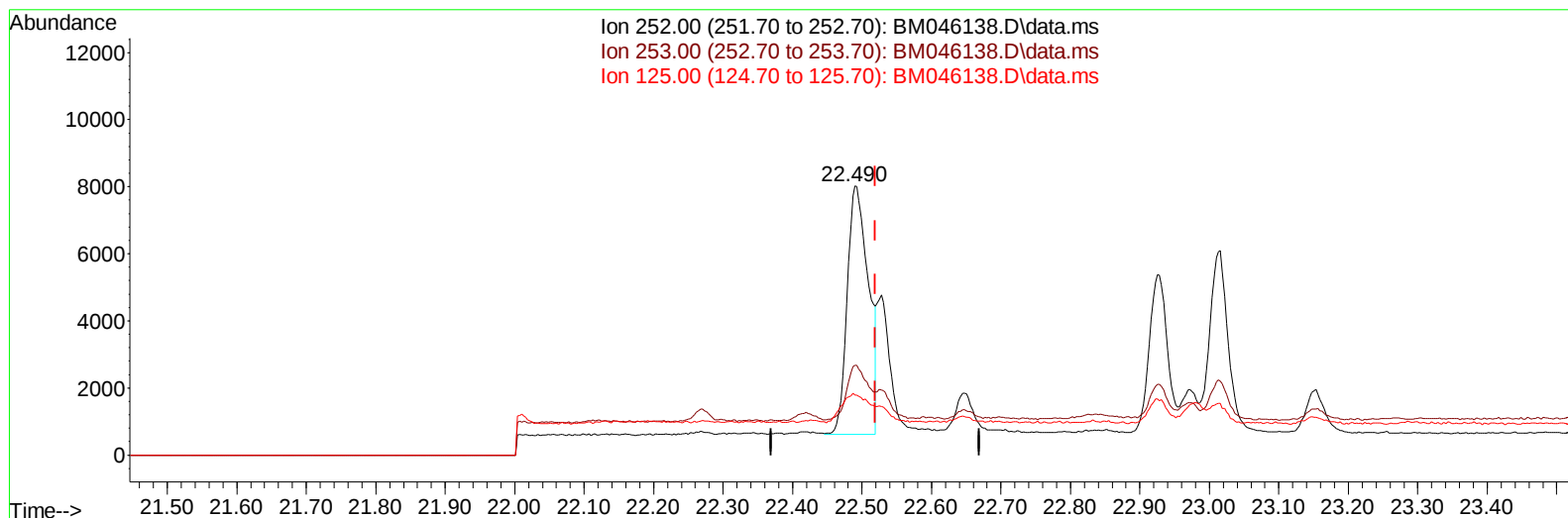
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046138.D
Acq On : 21 Jun 2024 00:16
Operator : MA/JU
Sample : P2710-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BM4

Manual IntegrationsAPPROVED

Quant Time: Jun 21 02:49:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 18 13:58:29 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024



TIC: BM046138.D\data.ms

(24) Benzo(b)fluoranthene

22.490min (-0.030) 0.60 ng/u1 m

response 15745

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.90	33.39
125.00	20.10	22.27
0.00	0.00	0.00

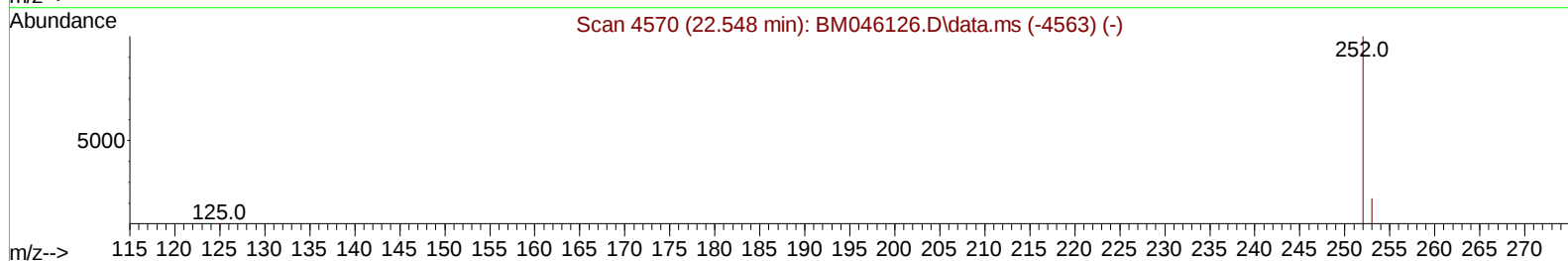
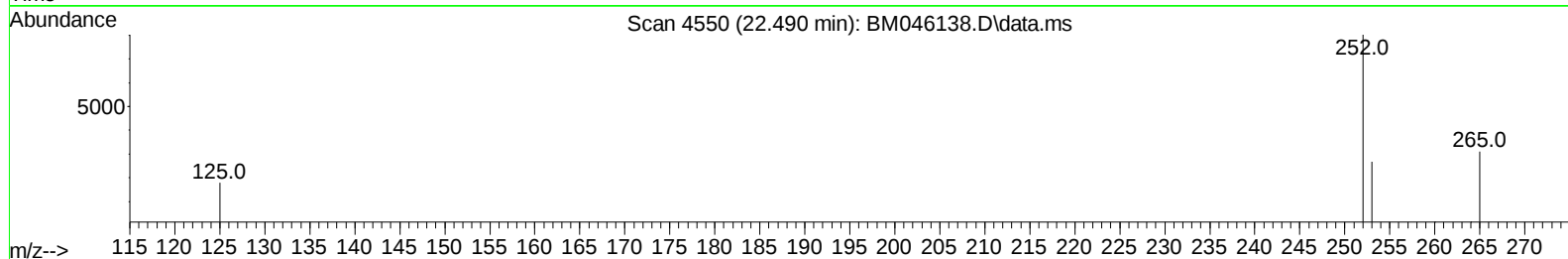
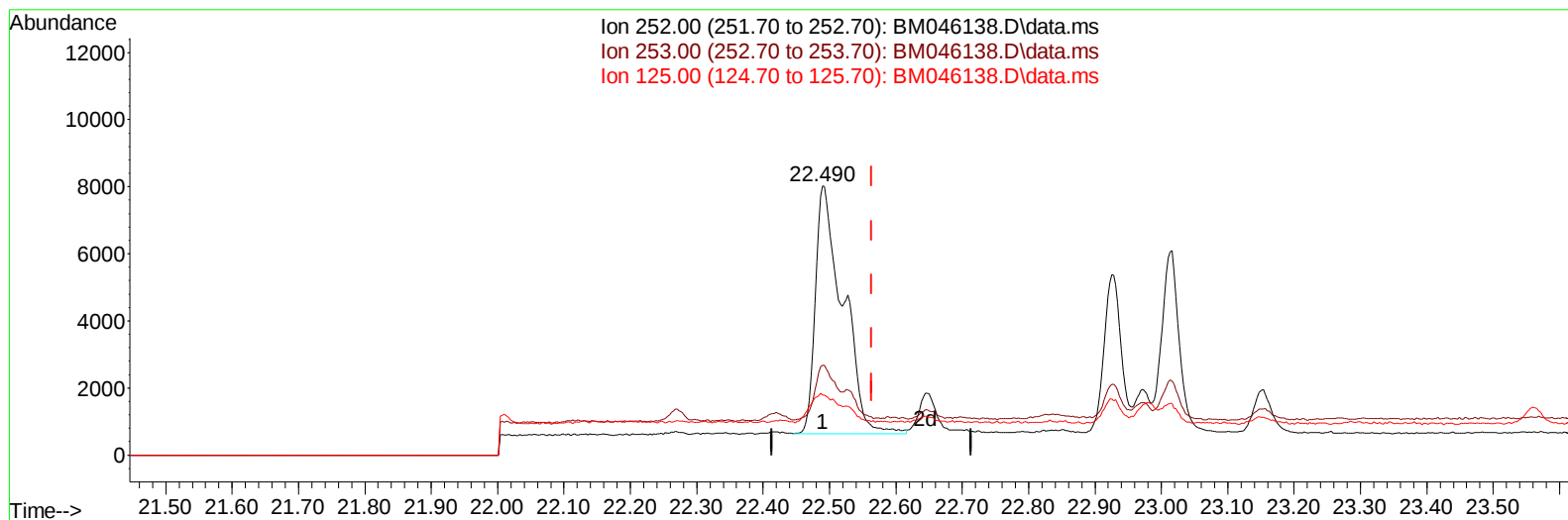
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046138.D
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Sample : P2710-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BM4

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TIC: BM046138.D\data.ms

(25) Benzo(k)fluoranthene

22.490min (-0.074) 0.68 ng/u1

response 21355

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	33.39
125.00	20.80	22.27
0.00	0.00	0.00

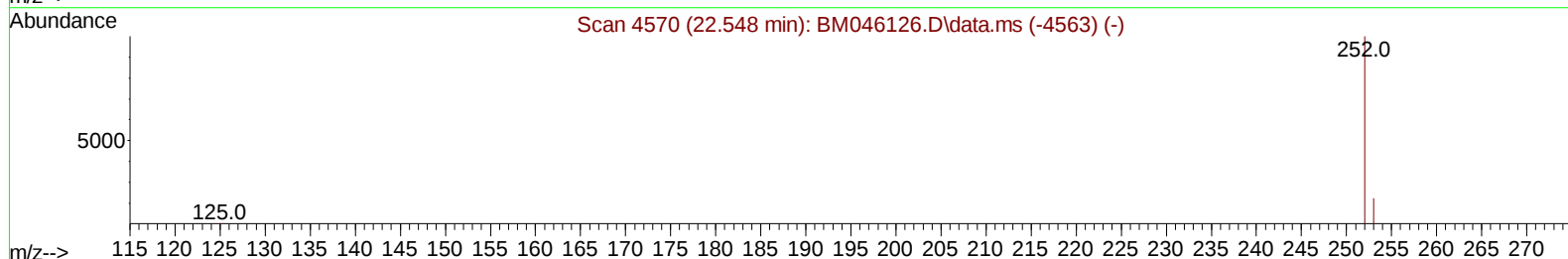
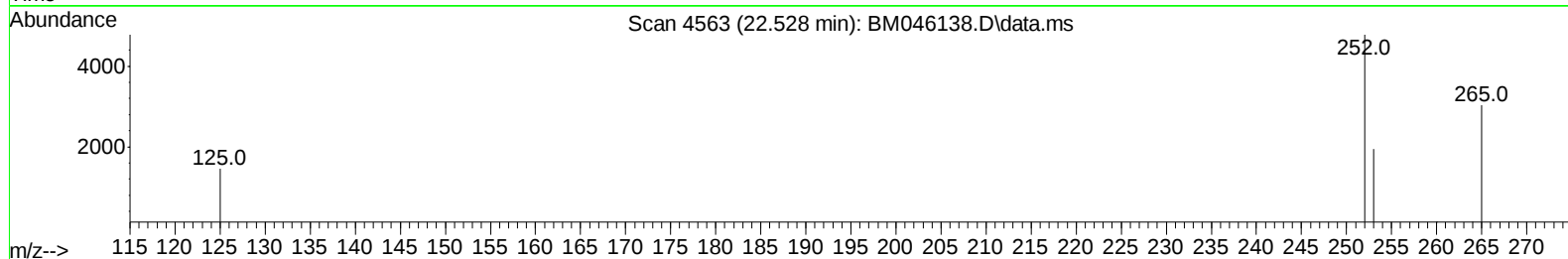
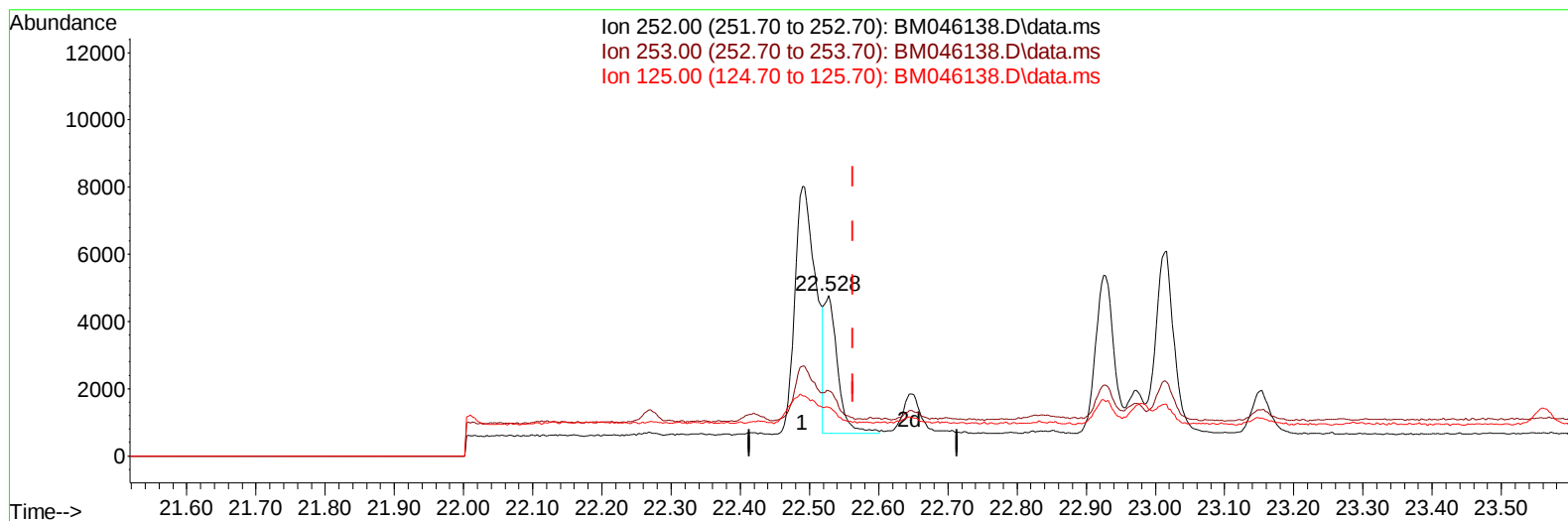
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046138.D
Acq On : 21 Jun 2024 00:16
Operator : MA/JU
Sample : P2710-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BM4

Manual IntegrationsAPPROVED

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Quant Time: Jun 21 02:49:59 2024
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TIC: BM046138.D\data.ms

(25) Benzo(k)fluoranthene

22.528min (-0.036) 0.17 ng/u1 m

response 5462

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	40.68
125.00	20.80	30.47#
0.00	0.00	0.00

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 Operator : MA/JU
 Sample : P2710-14
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BM4

Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 06/24/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.421	152	2548	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.194	136	7541	0.400	ng/ul	-0.06
9) Acenaphthene-d10	14.072	164	4119	0.400	ng/ul	-0.04
13) Phenanthrene-d10	16.816	188	8515m	0.400	ng/ul	-0.05
17) Chrysene-d12	21.017	240	6810m	0.400	ng/ul	-0.03
23) Perylene-d12	23.109	264	7310m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.029	96	12546	3.589	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.827	152	2515	0.248	ng/ul	-0.04
18) Fluoranthene-d10	18.849	212	5363	0.263	ng/ul	-0.04
Target Compounds						
					Qvalue	
5) Naphthalene	10.244	128	555	0.026	ng/ul#	49
10) Acenaphthylene	13.790	152	1384	0.071	ng/ul#	81
11) Acenaphthene	14.132	153	294	0.021	ng/ul#	91
12) Fluorene	15.127	166	420	0.028	ng/ul#	94
15) Phenanthrene	16.854	178	8467m	0.354	ng/ul	
16) Anthracene	16.947	178	1870m	0.105	ng/ul	
19) Fluoranthene	18.881	202	18771	0.637	ng/ul	97
20) Pyrene	19.239	202	17501	0.549	ng/ul	98
21) Benzo(a)anthracene	21.003	228	9182m	0.349	ng/ul	
22) Chrysene	21.052	228	9938	0.296	ng/ul	97
24) Benzo(b)fluoranthene	22.490	252	15745m	0.598	ng/ul	
25) Benzo(k)fluoranthene	22.528	252	5462m	0.174	ng/ul	
26) Benzo(a)pyrene	23.016	252	9858	0.404	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.162	276	8686	0.217	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.165	278	1961	0.066	ng/ul#	36
29) Benzo(g,h,i)perylene	25.785	276	9463	0.276	ng/ul	96

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

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