

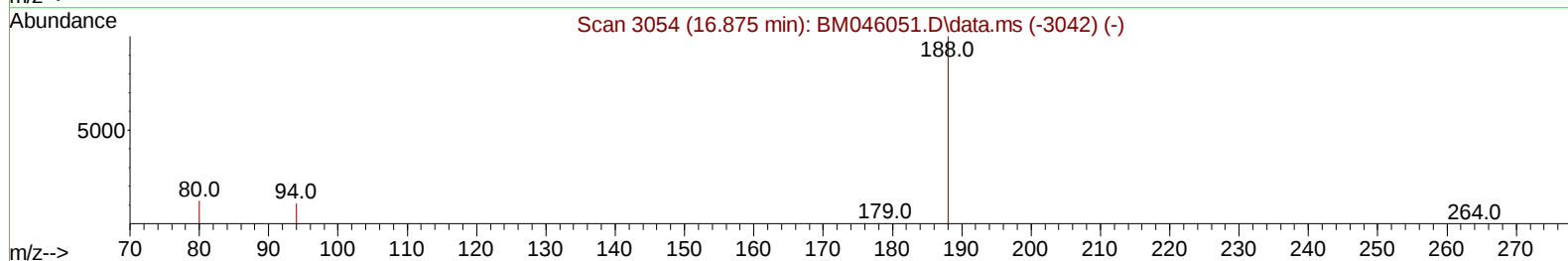
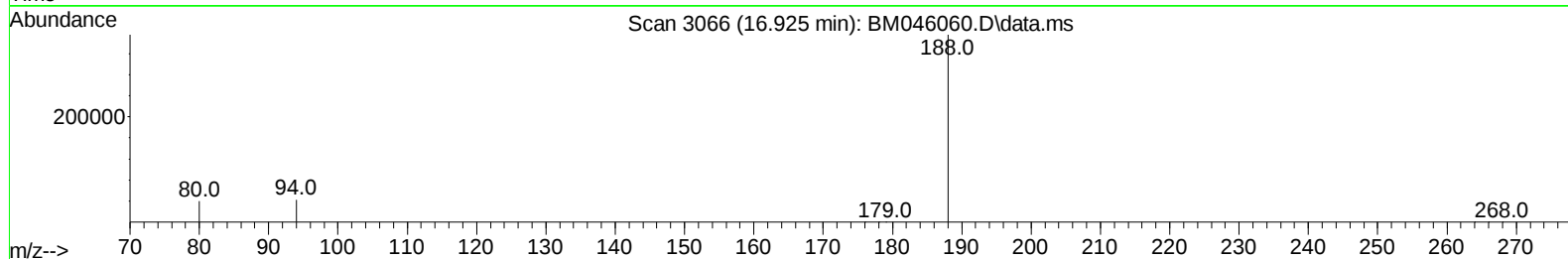
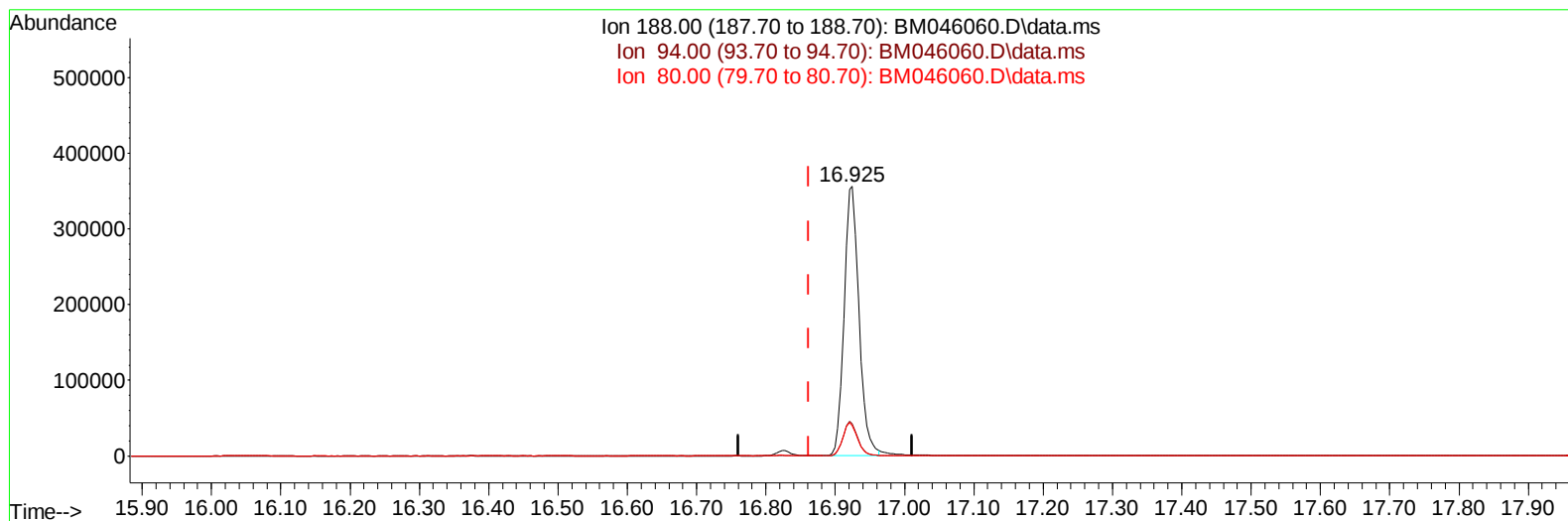
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046060.D
Acq On : 18 Jun 2024 20:39
Operator : MA/JU
Sample : P2695-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BK1

Manual IntegrationsAPPROVED

Quant Time: Jun 19 08:23:59 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 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



TIC: BM046060.D\data.ms

(13) Phenanthrene-d10 (I)

16.925min (+ 0.063) 0.40 ng/u1

response 531506

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	13.80	12.01
80.00	15.20	11.27#
0.00	0.00	0.00

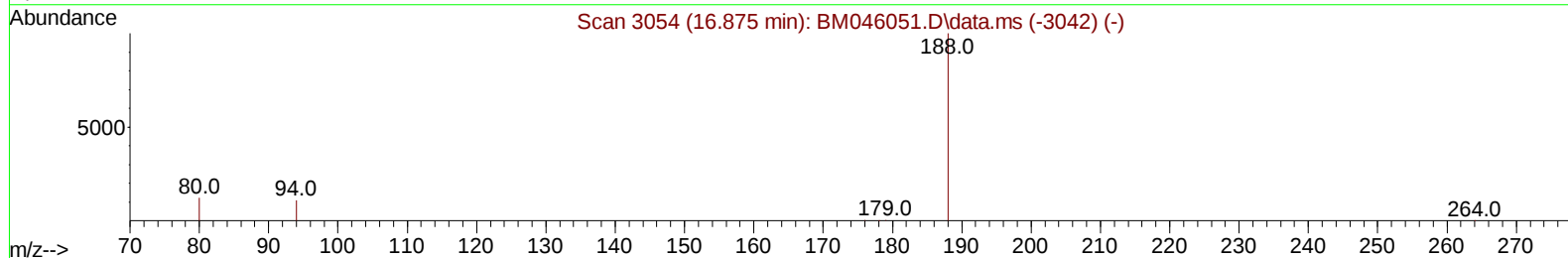
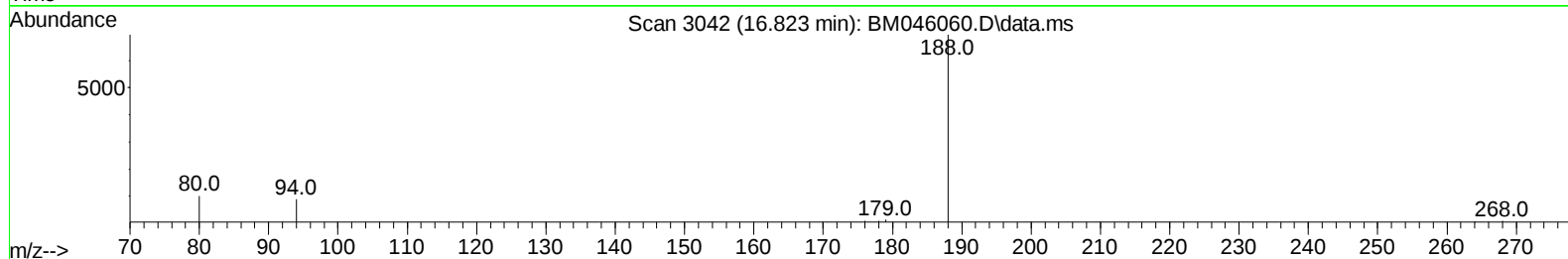
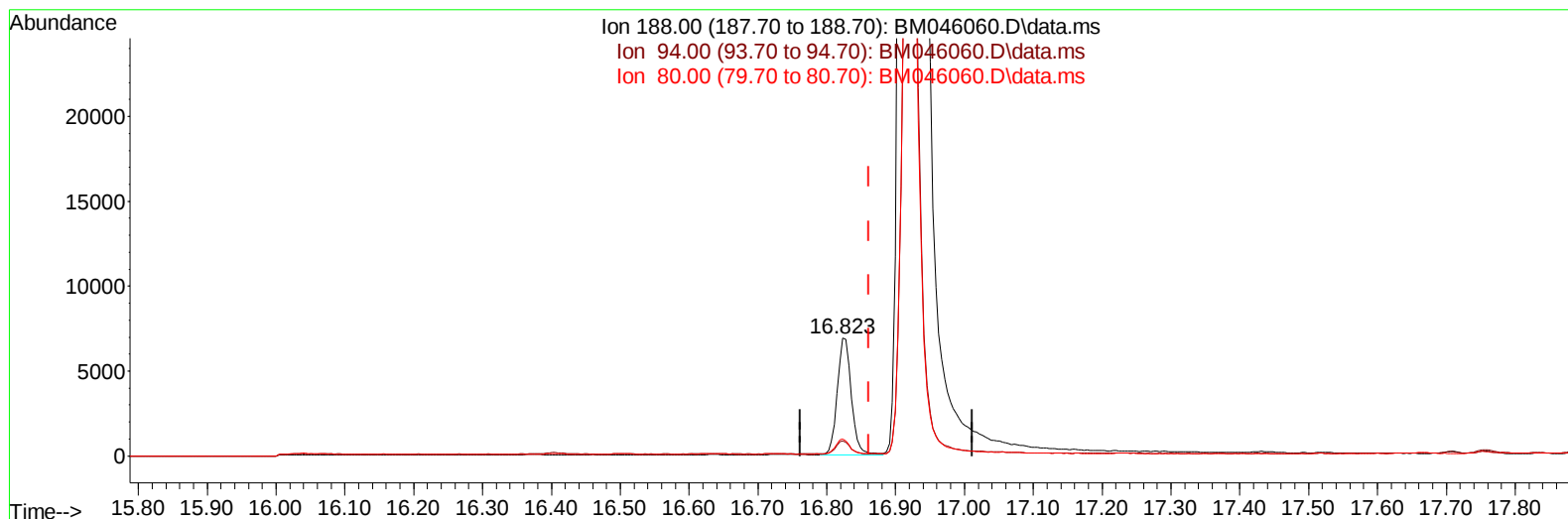
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046060.D
Acq On : 18 Jun 2024 20:39
Operator : MA/JU
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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BK1

Manual IntegrationsAPPROVED

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TIC: BM046060.D\data.ms

(13) Phenanthrene-d10 (I)

16.823min (-0.038) 0.40 ng/u1 m

response 9830

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	13.80	12.72
80.00	15.20	14.57
0.00	0.00	0.00

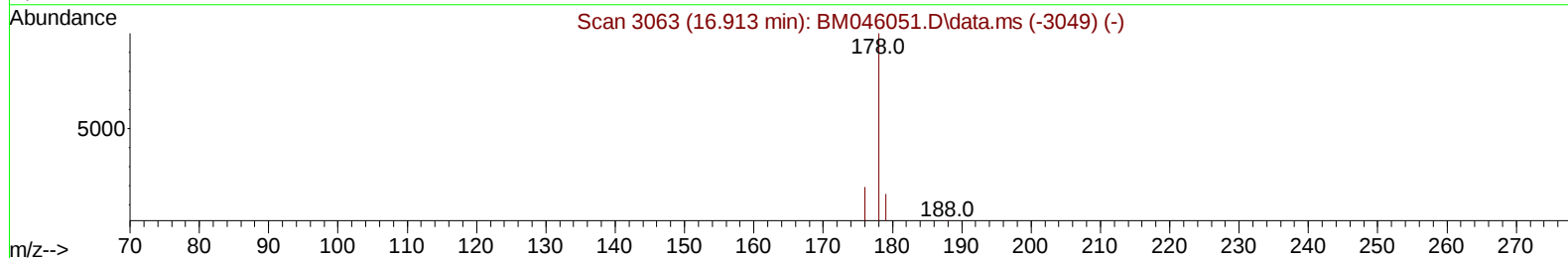
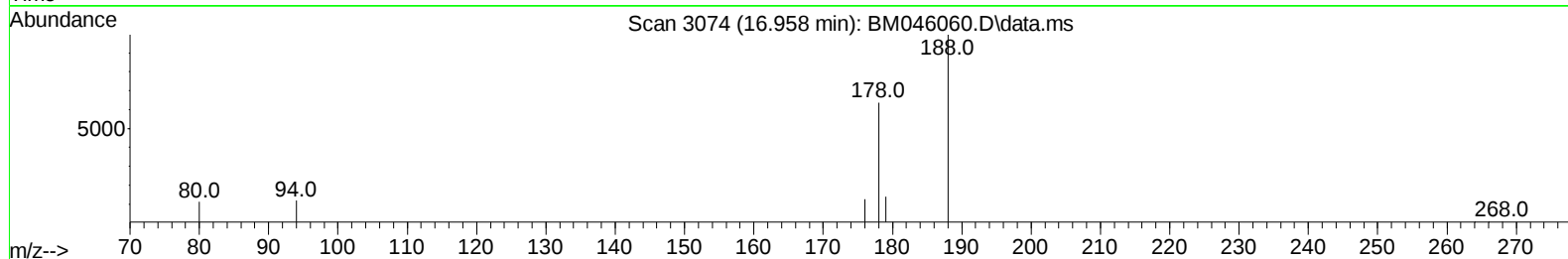
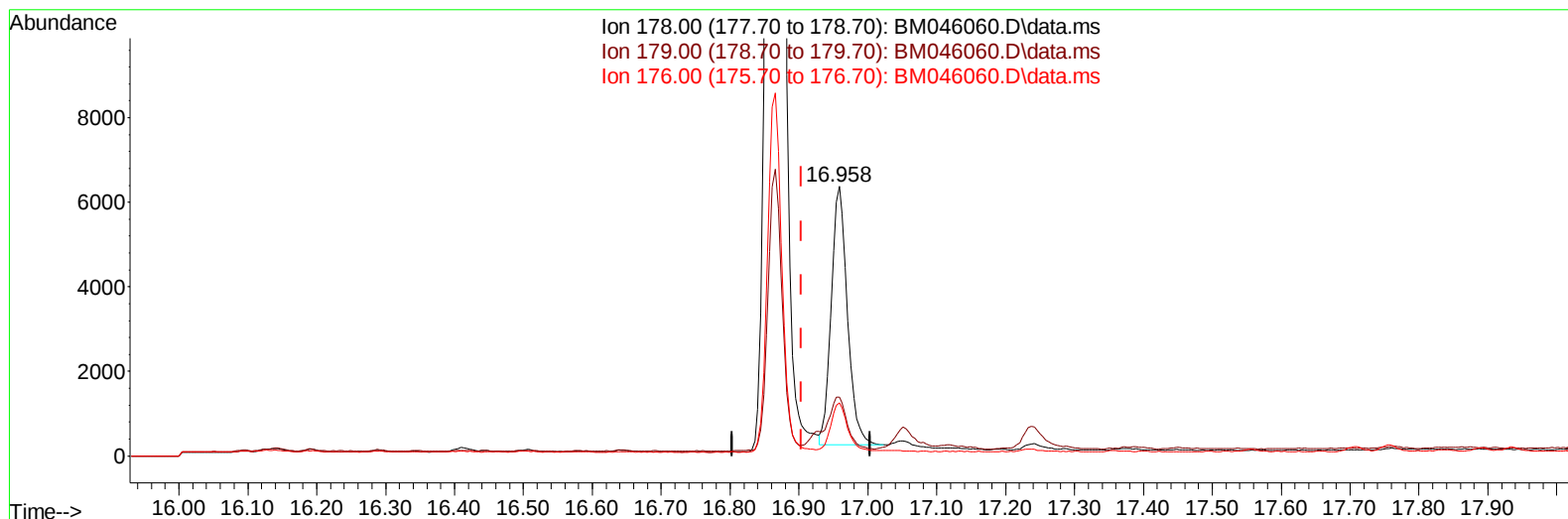
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046060.D
Acq On : 18 Jun 2024 20:39
Operator : MA/JU
Sample : P2695-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BK1

Manual IntegrationsAPPROVED

Quant Time: Jun 19 08:23:59 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
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TIC: BM046060.D\data.ms

(15) Phenanthrene

16.958min (+ 0.055) 0.36 ng/u1

response 9992

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.70	21.94#
176.00	21.40	19.82
0.00	0.00	0.00

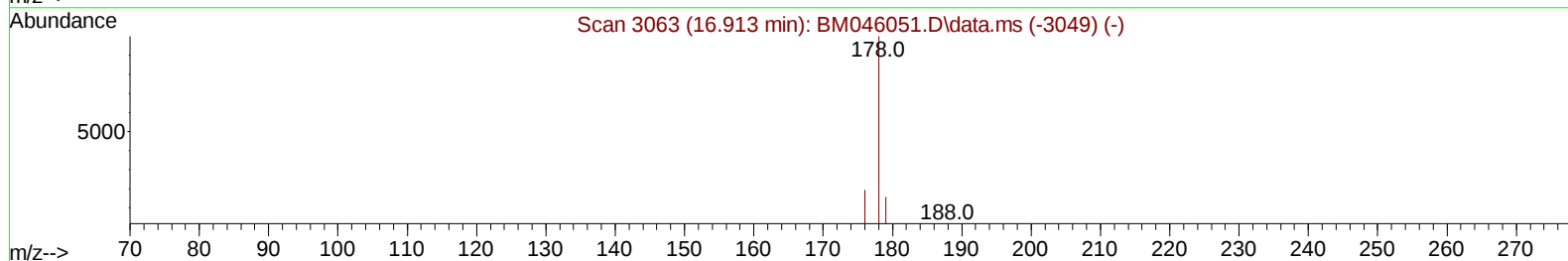
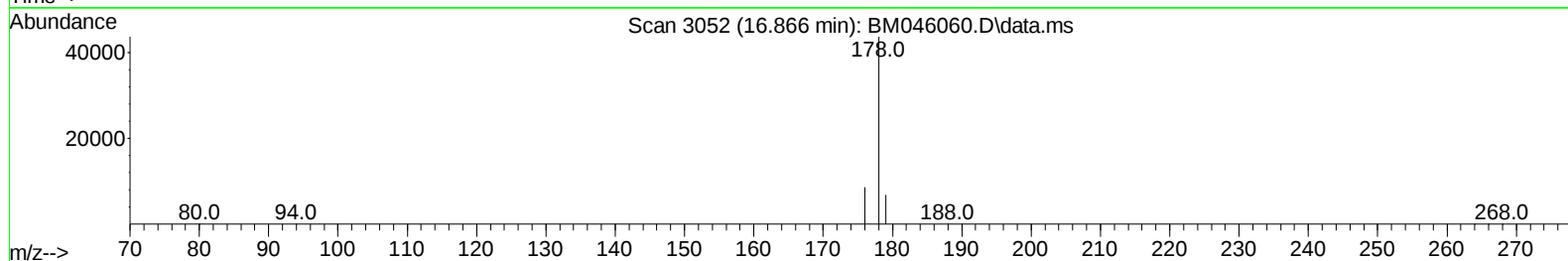
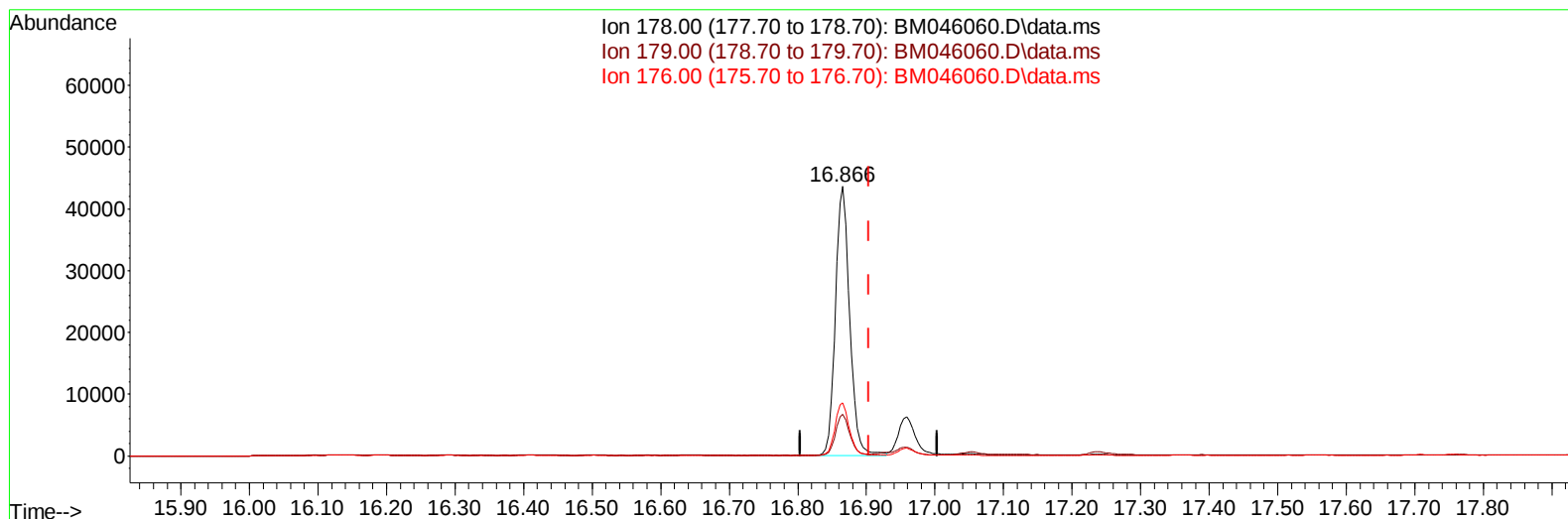
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046060.D
Acq On : 18 Jun 2024 20:39
Operator : MA/JU
Sample : P2695-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BK1

Manual IntegrationsAPPROVED

Quant Time: Jun 19 08:23:59 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 18 13:58:29 2024
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TIC: BM046060.D\data.ms

(15) Phenanthrene

16.866min (-0.038) 2.29 ng/u1 m

response 63121

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.70	15.55
176.00	21.40	19.67
0.00	0.00	0.00

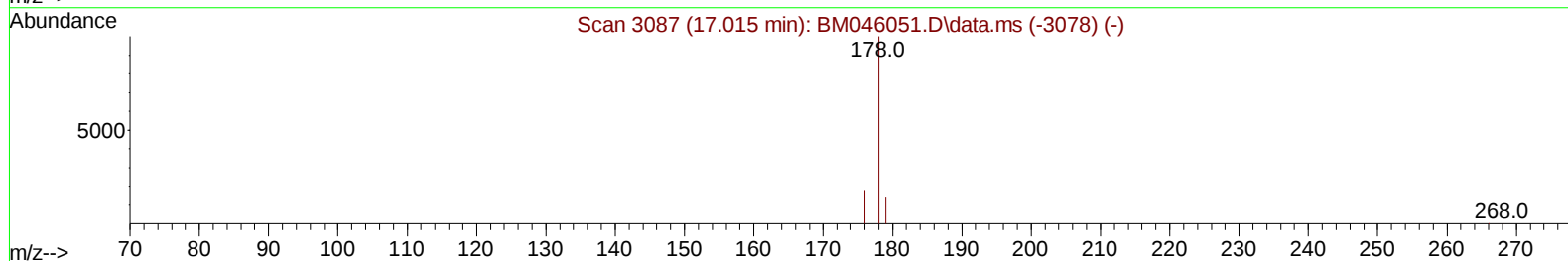
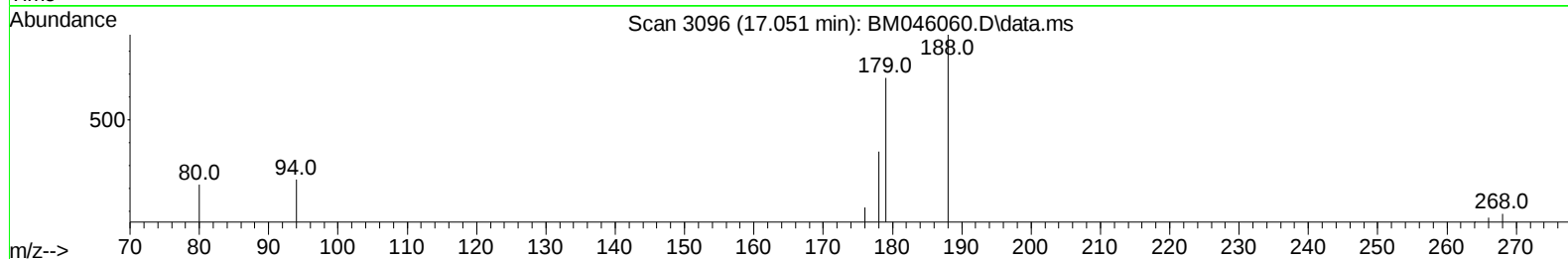
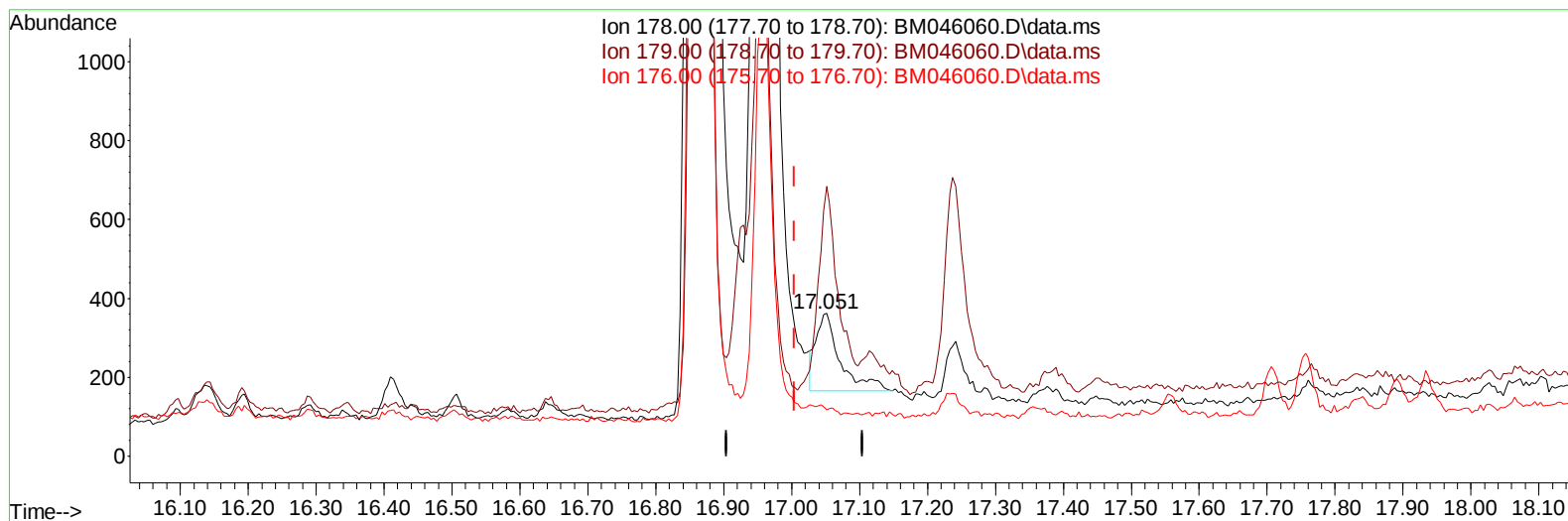
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046060.D
Acq On : 18 Jun 2024 20:39
Operator : MA/JU
Sample : P2695-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BK1

Manual IntegrationsAPPROVED

Quant Time: Jun 19 08:23:59 2024
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TIC: BM046060.D\data.ms

(16) Anthracene

17.051min (+ 0.046) 0.02 ng/u1

response 498

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	18.60	188.95#
176.00	21.20	32.32#
0.00	0.00	0.00

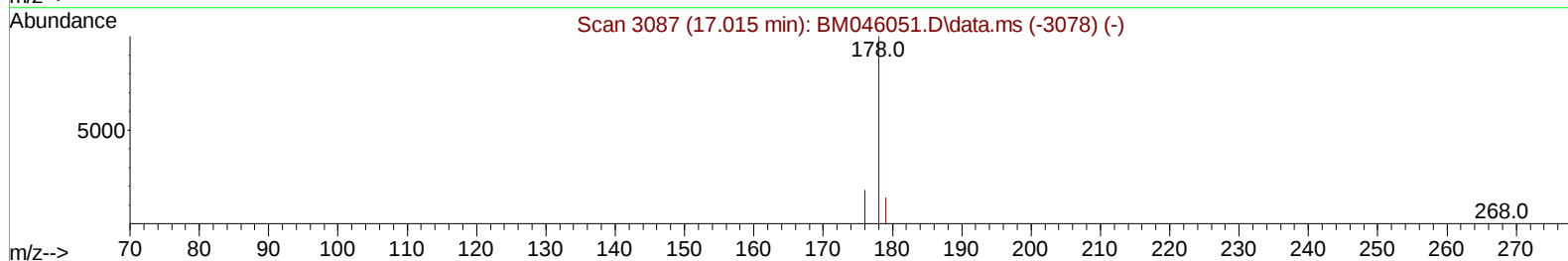
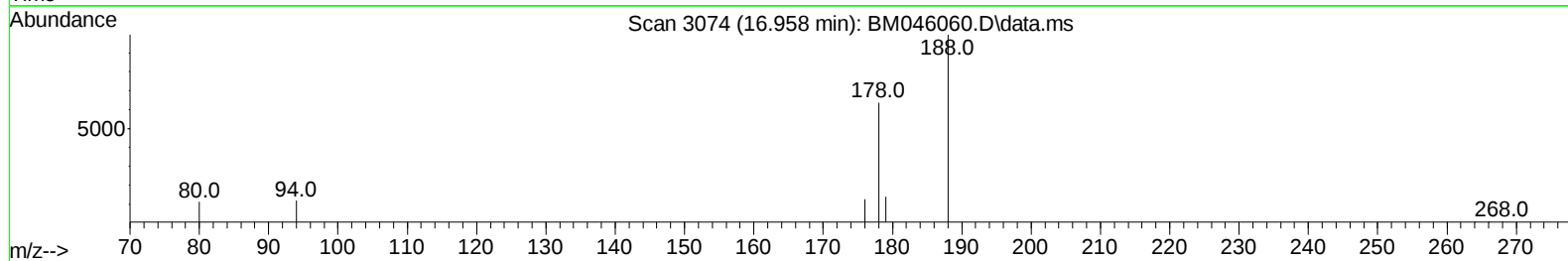
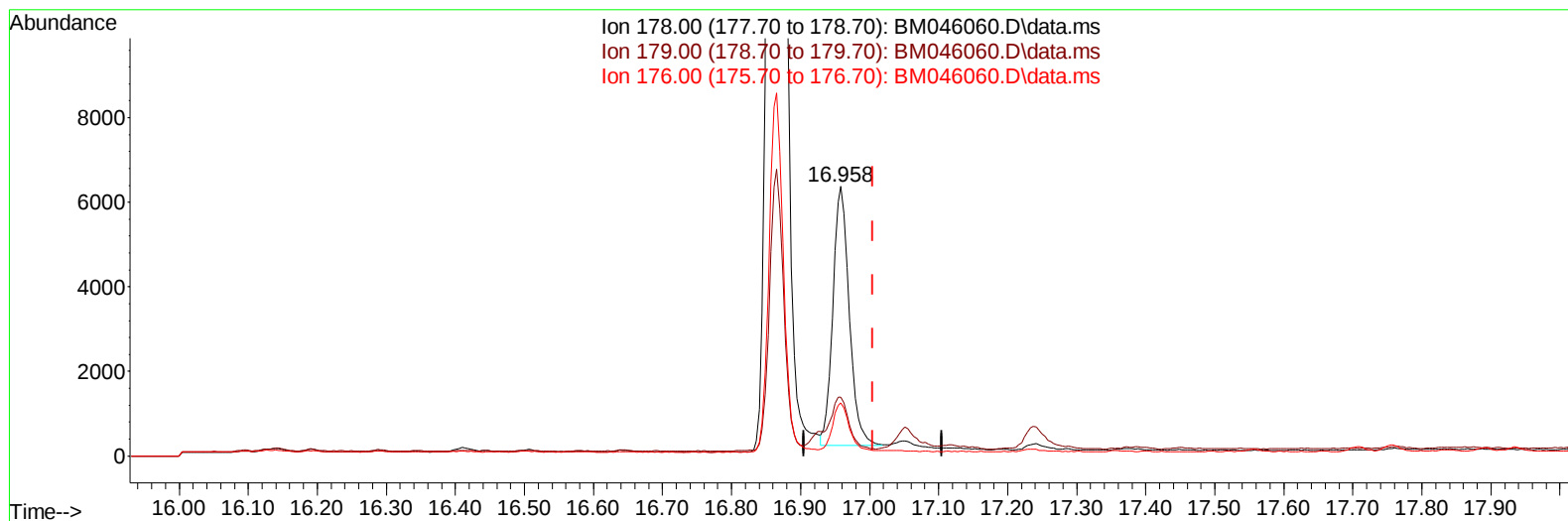
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046060.D
Acq On : 18 Jun 2024 20:39
Operator : MA/JU
Sample : P2695-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BK1

Manual IntegrationsAPPROVED

Quant Time: Jun 19 08:23:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Supervised By :mohammad ahmed 06/21/2024



TIC: BM046060.D\data.ms

(16) Anthracene

16.958min (-0.046) 0.49 ng/u1 m

response 10040

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	18.60	21.94
176.00	21.20	19.82
0.00	0.00	0.00

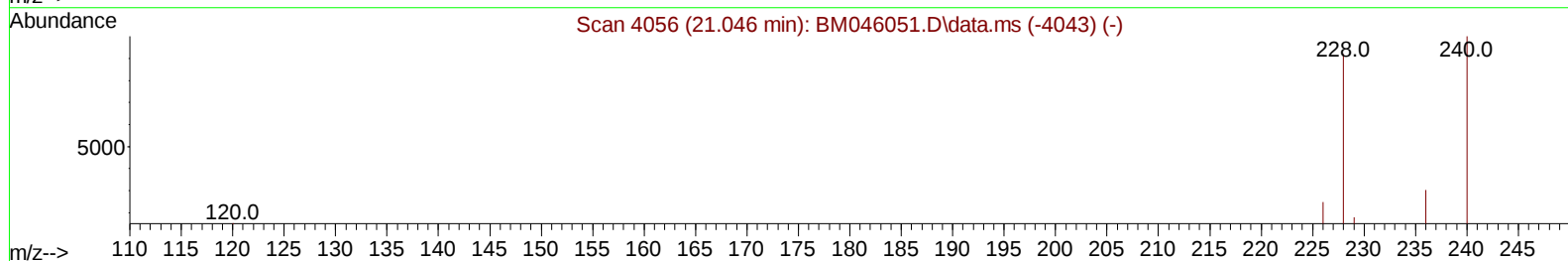
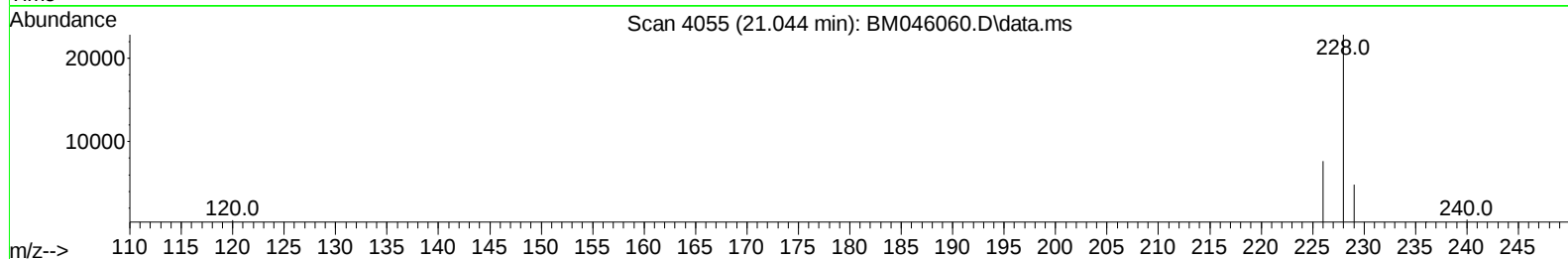
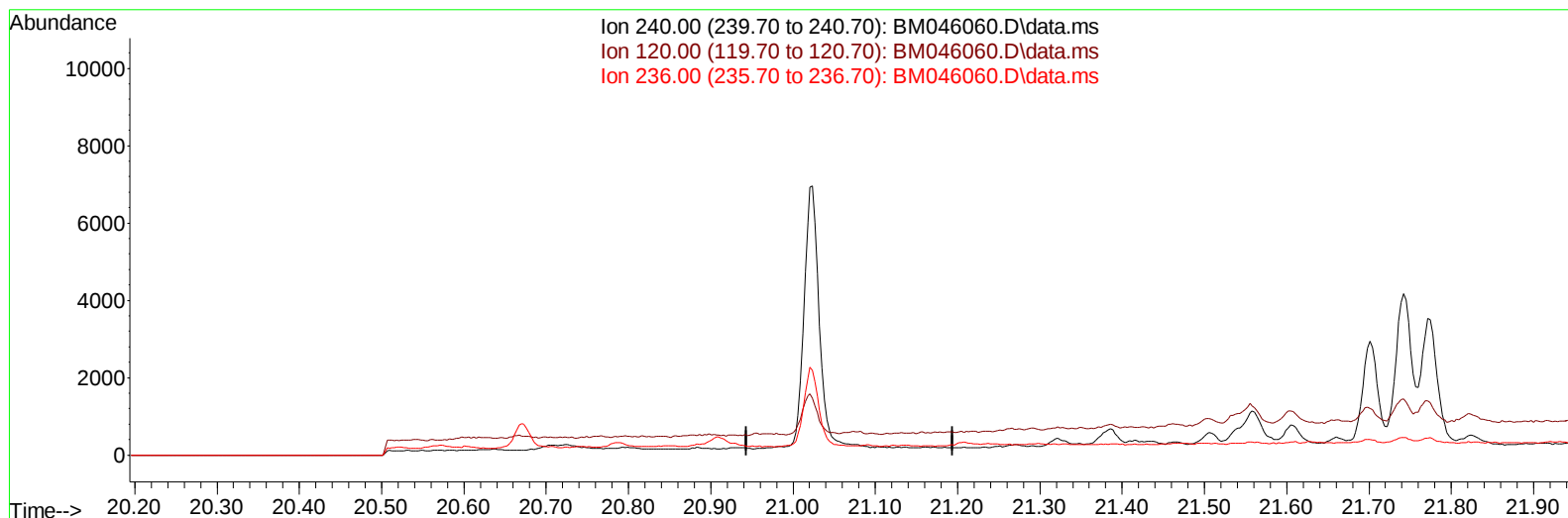
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
 Data File : BM046060.D
 Acq On : 18 Jun 2024 20:39
 Operator : MA/JU
 Sample : P2695-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BK1

Manual IntegrationsAPPROVED

Quant Time: Jun 19 08:23:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
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 QLast Update : Tue Jun 18 13:58:29 2024
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TIC: BM046060.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

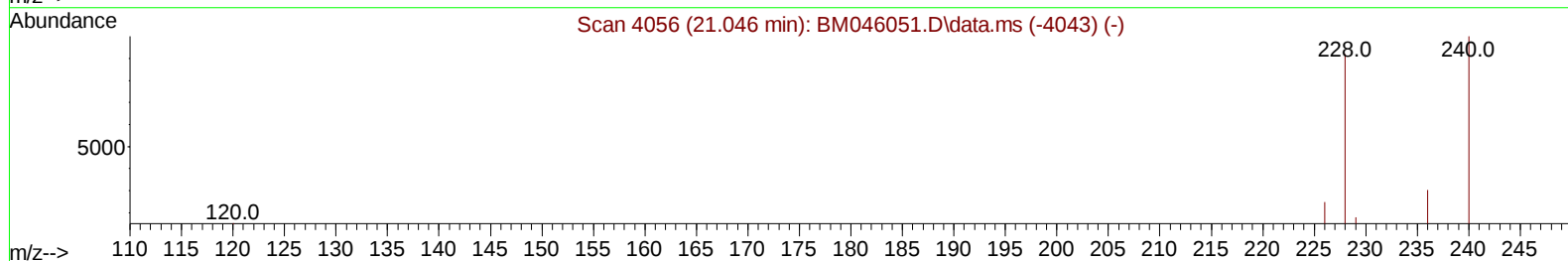
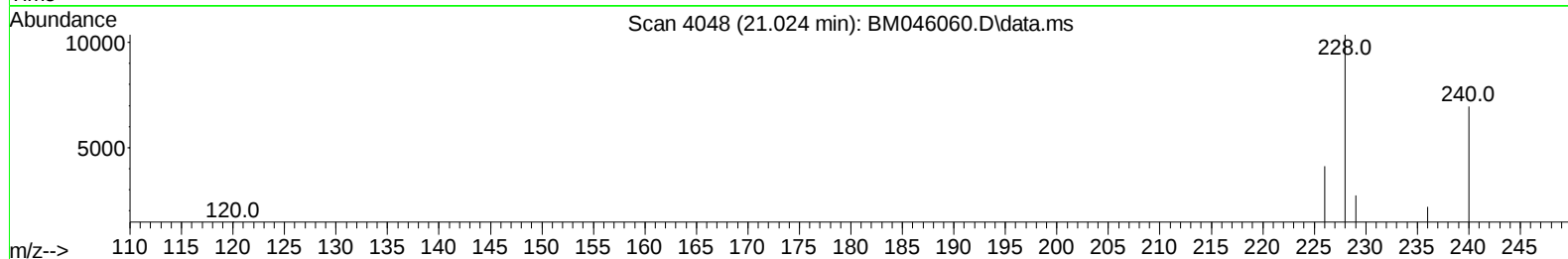
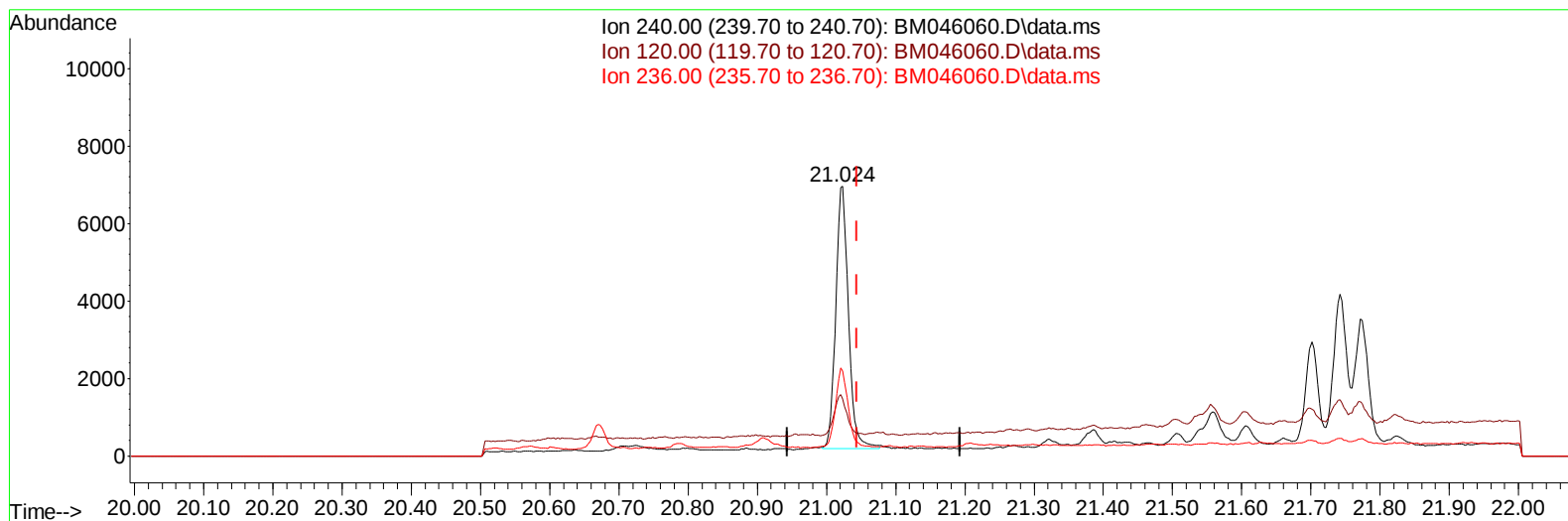
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046060.D
Acq On : 18 Jun 2024 20:39
Operator : MA/JU
Sample : P2695-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BK1

Manual IntegrationsAPPROVED

Quant Time: Jun 19 08:23:59 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
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TIC: BM046060.D\data.ms

(17) Chrysene-d12

21.024min (-0.020) 0.40 ng/ul m

response 8671

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	23.50	21.12
236.00	33.60	31.46
0.00	0.00	0.00

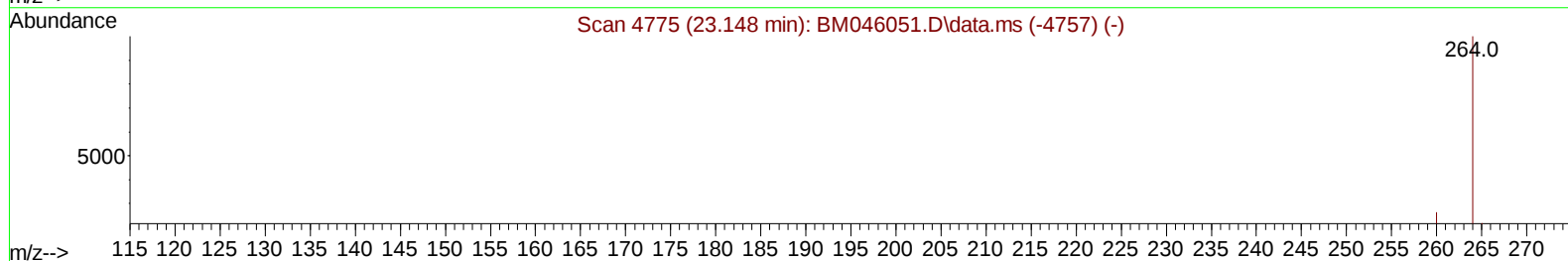
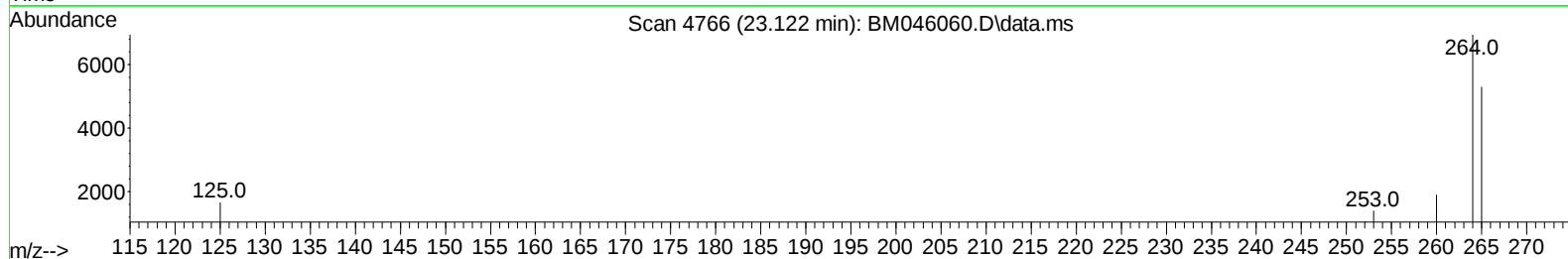
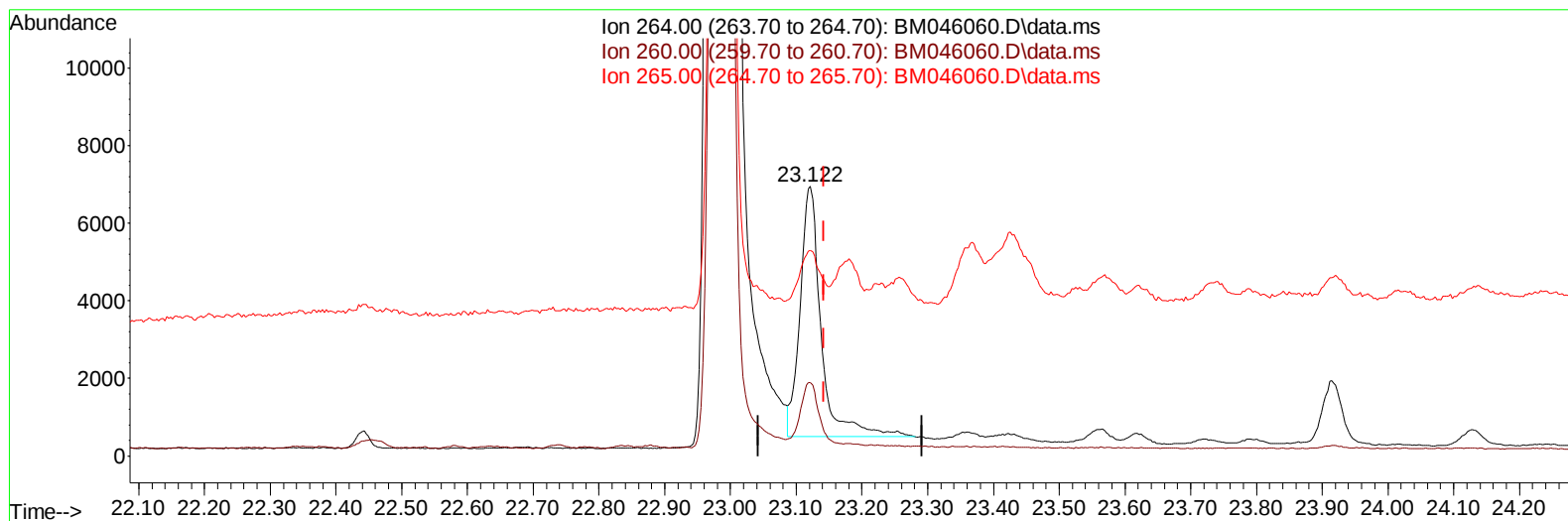
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046060.D
Acq On : 18 Jun 2024 20:39
Operator : MA/JU
Sample : P2695-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BK1

Manual IntegrationsAPPROVED

Quant Time: Jun 19 08:23:59 2024
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TIC: BM046060.D\data.ms

(23) Perylene-d12 (I)

23.122min (-0.020) 0.40 ng/u1

response 14191

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	28.20	27.33
265.00	110.60	76.30#
0.00	0.00	0.00

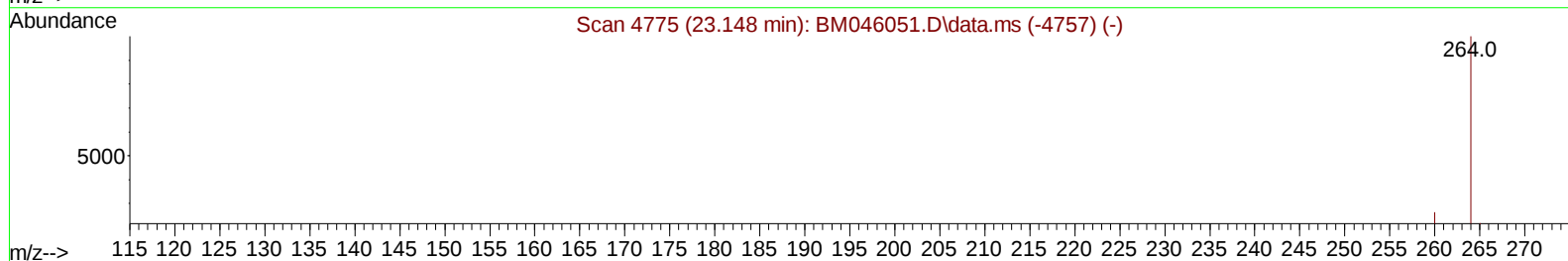
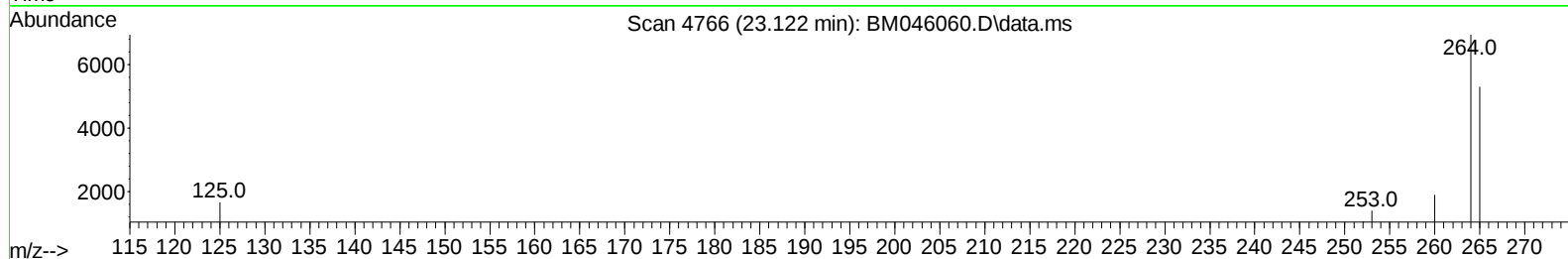
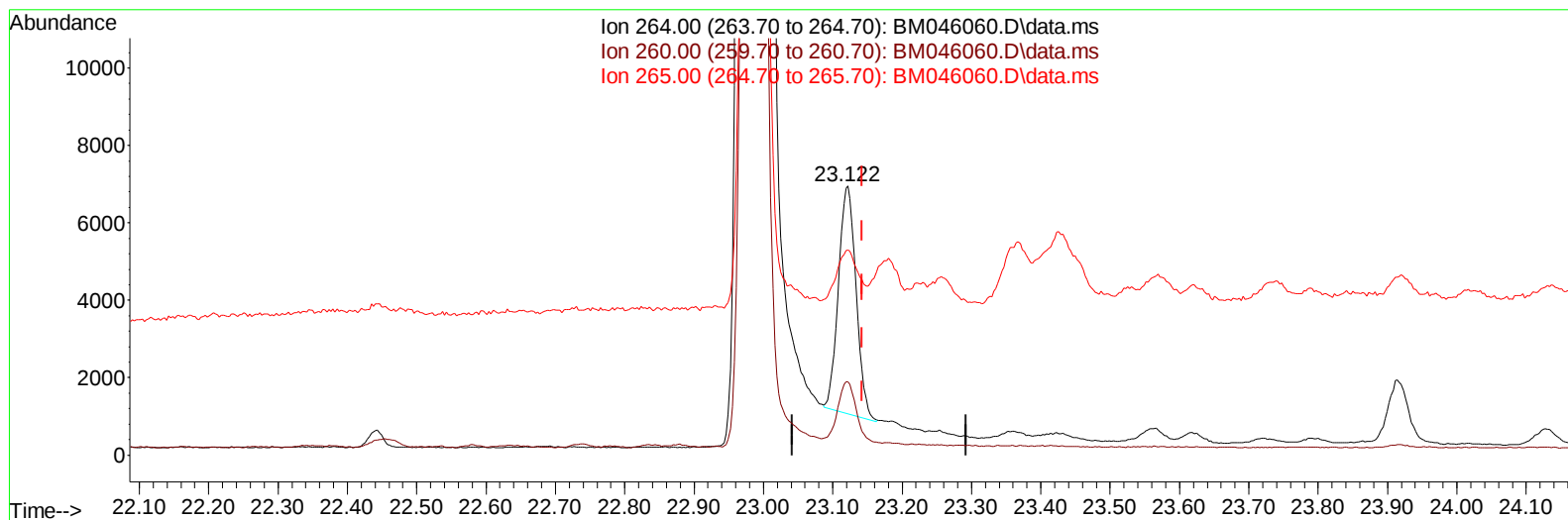
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046060.D
Acq On : 18 Jun 2024 20:39
Operator : MA/JU
Sample : P2695-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BK1

Manual IntegrationsAPPROVED

Quant Time: Jun 19 08:23:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
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TIC: BM046060.D\data.ms

(23) Perylene-d12 (I)

23.122min (-0.020) 0.40 ng/ul m

response 10388

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	28.20	27.33
265.00	110.60	76.30#
0.00	0.00	0.00

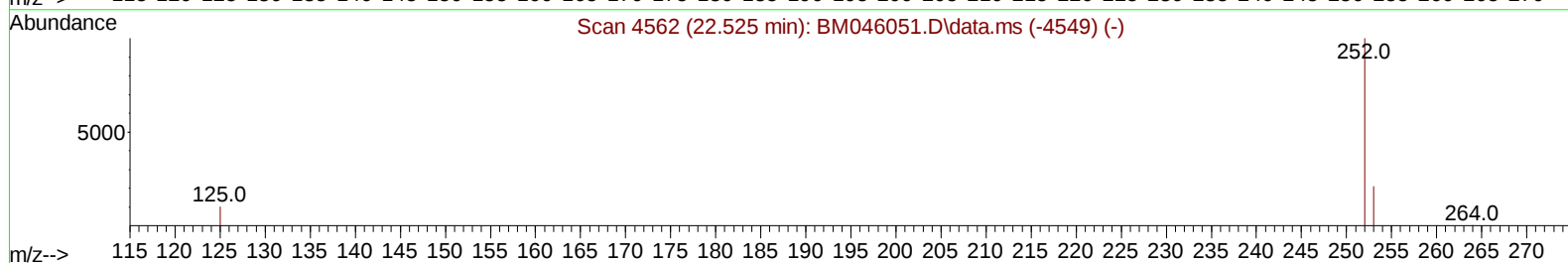
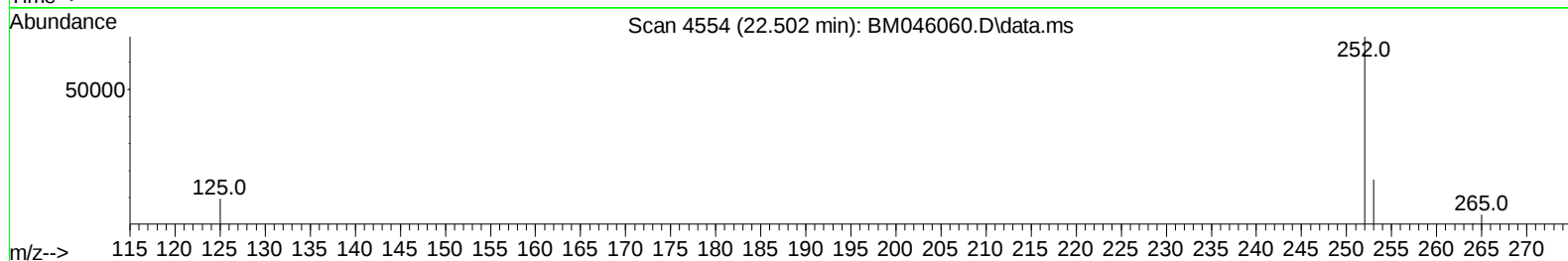
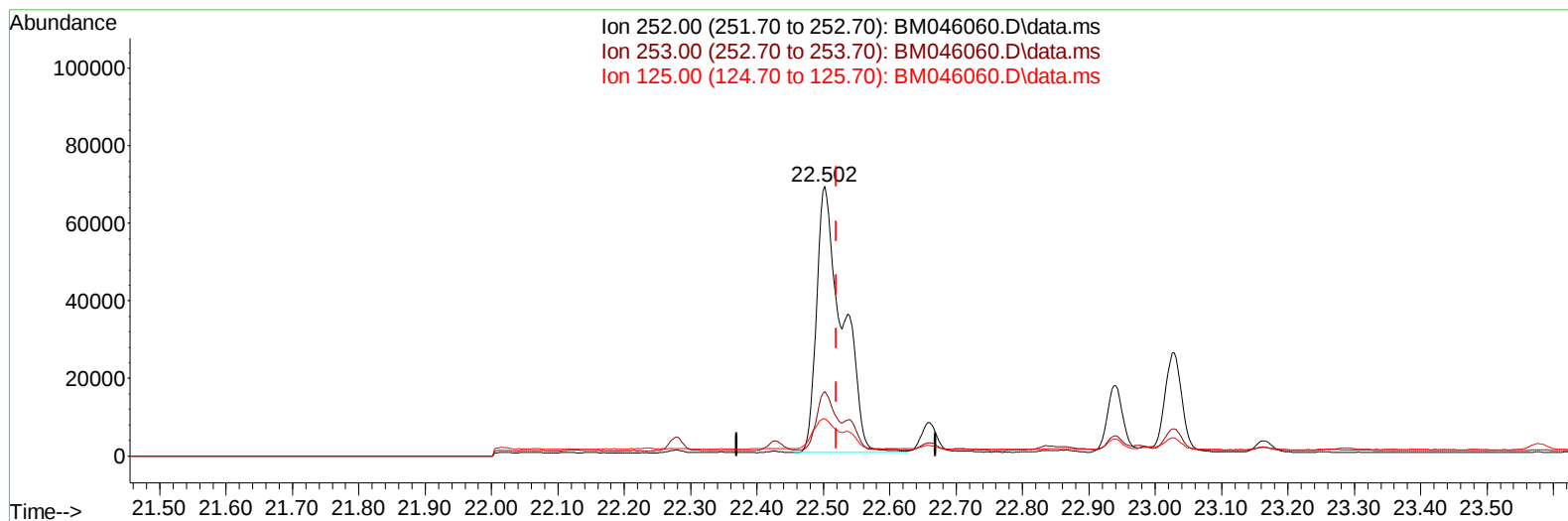
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046060.D
Acq On : 18 Jun 2024 20:39
Operator : MA/JU
Sample : P2695-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BK1

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TIC: BM046060.D\data.ms

(24) Benzo(b)fluoranthene

22.502min (-0.017) 4.97 ng/u1

response 185918

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.90	23.90
125.00	20.10	13.77
0.00	0.00	0.00

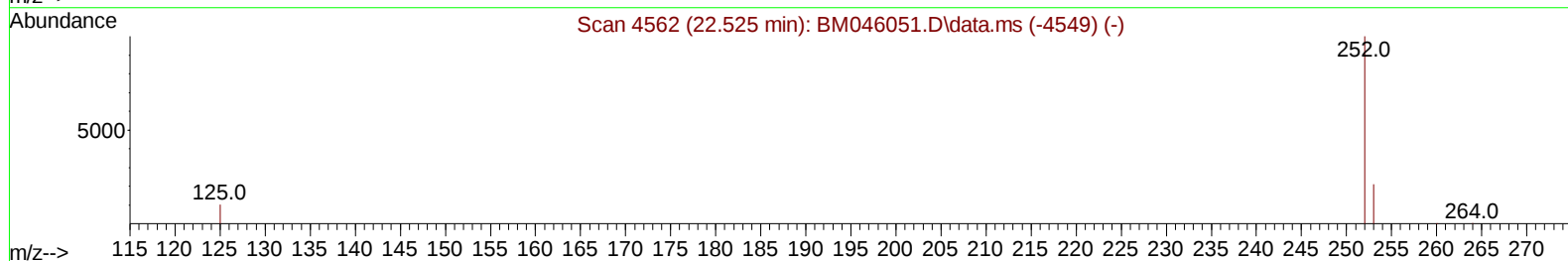
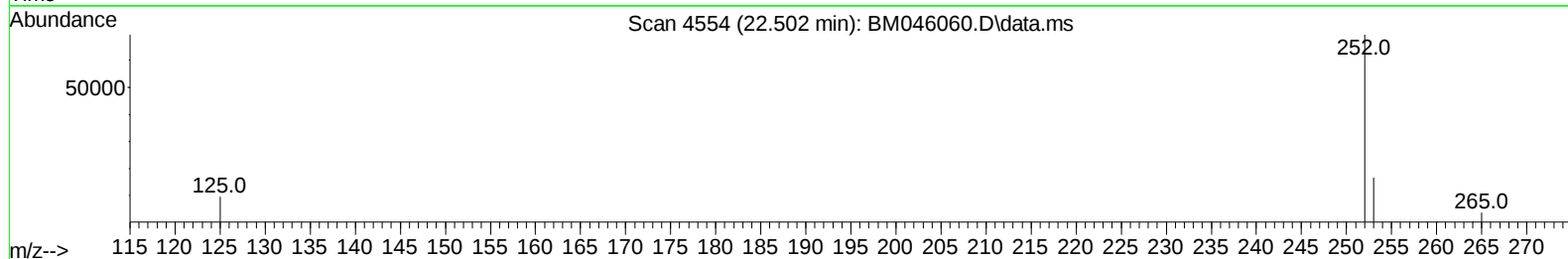
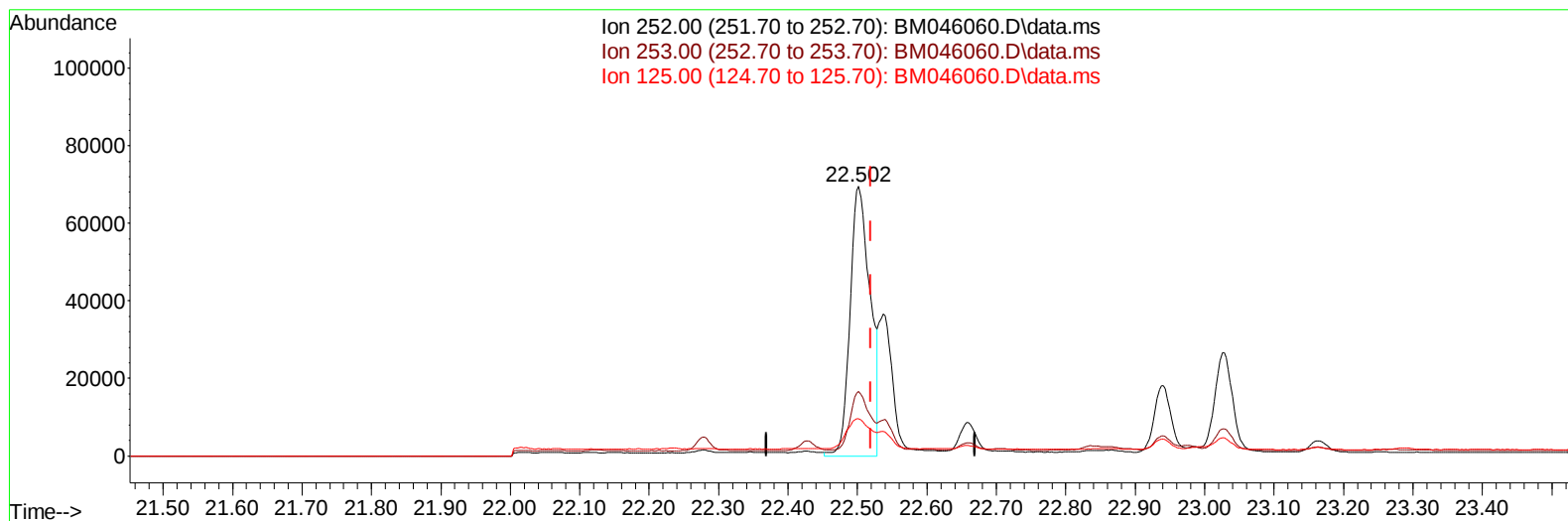
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046060.D
Acq On : 18 Jun 2024 20:39
Operator : MA/JU
Sample : P2695-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BK1

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TIC: BM046060.D\data.ms

(24) Benzo(b)fluoranthene

22.502min (-0.017) 3.75 ng/u1 m

response 140428

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.90	23.90
125.00	20.10	13.77
0.00	0.00	0.00

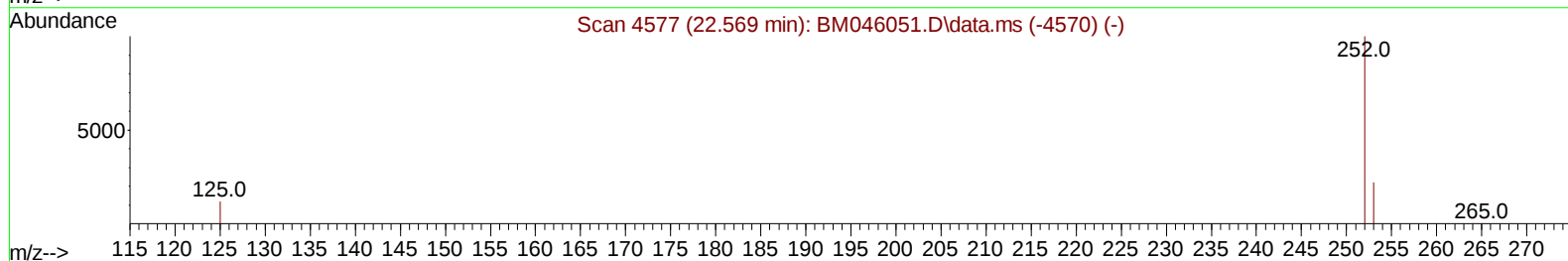
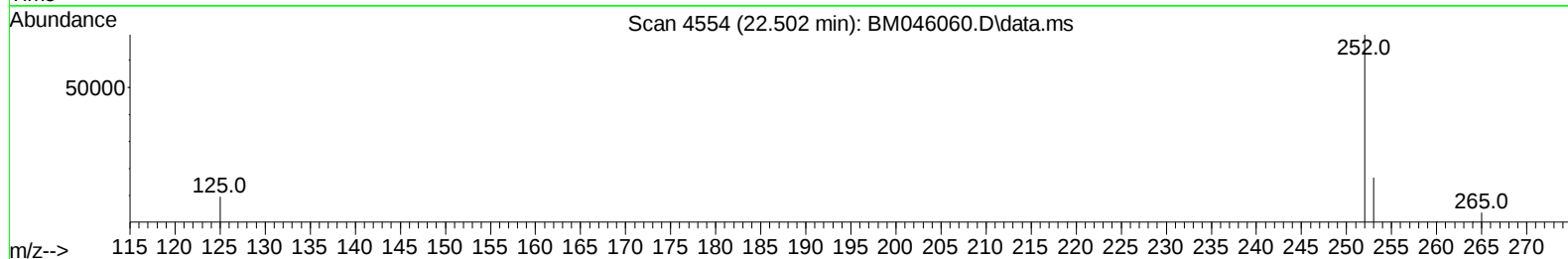
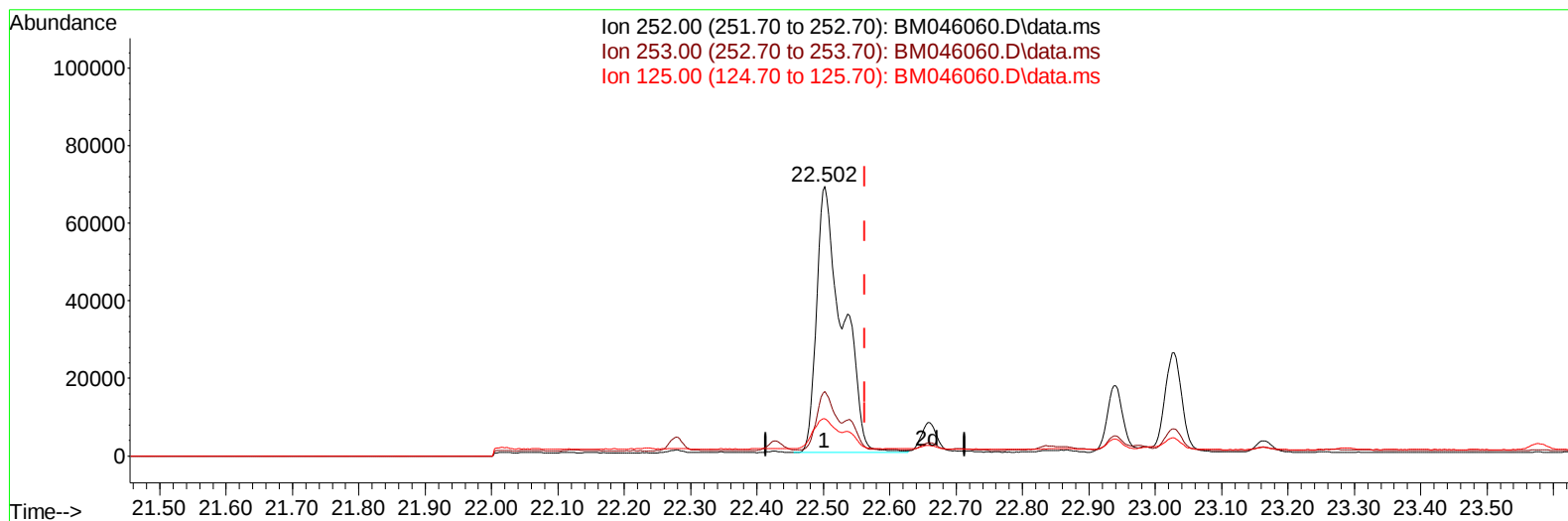
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046060.D
Acq On : 18 Jun 2024 20:39
Operator : MA/JU
Sample : P2695-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BK1

Manual IntegrationsAPPROVED

Quant Time: Jun 19 08:23:59 2024
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TIC: BM046060.D\data.ms

(25) Benzo(k)fluoranthene

22.502min (-0.061) 4.18 ng/u1

response 185918

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	23.90#
125.00	20.80	13.77#
0.00	0.00	0.00

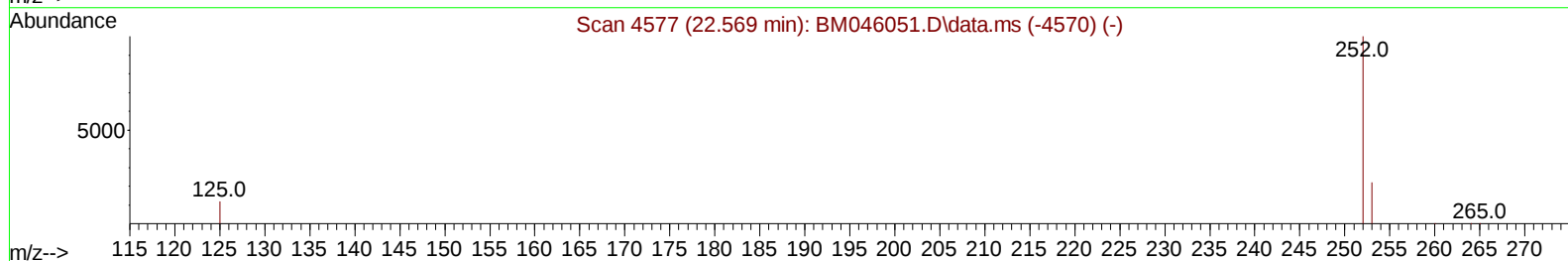
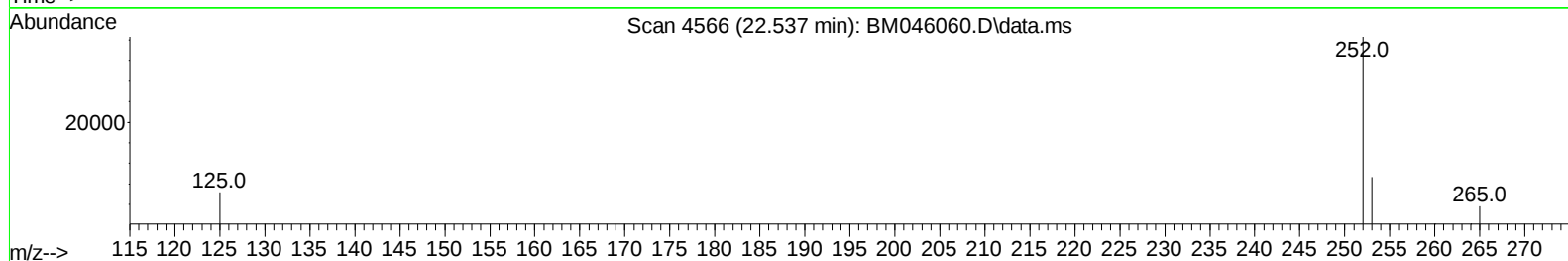
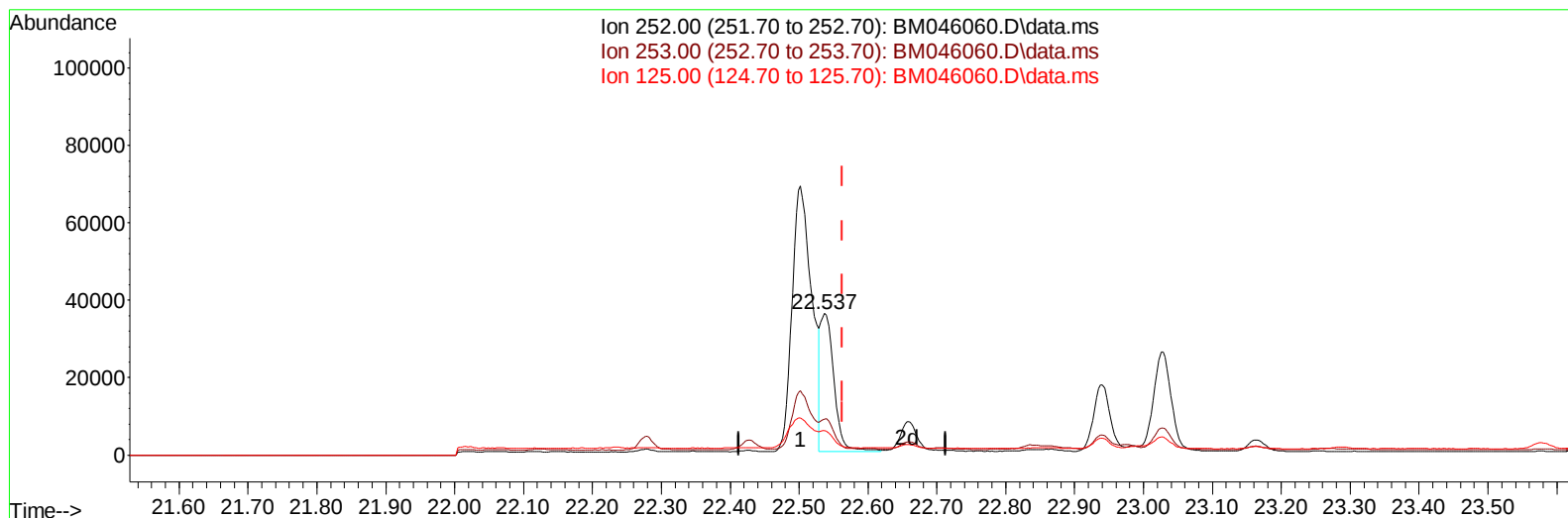
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
Data File : BM046060.D
Acq On : 18 Jun 2024 20:39
Operator : MA/JU
Sample : P2695-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BK1

Manual IntegrationsAPPROVED

Quant Time: Jun 19 08:23:59 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 06/19/2024
Supervised By :mohammad ahmed 06/21/2024



TIC: BM046060.D\data.ms

(25) Benzo(k)fluoranthene

22.537min (-0.026) 1.10 ng/u1 m

response 49063

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	25.55#
125.00	20.80	17.32
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061824\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.434	152	3190	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.209	136	8990	0.400	ng/ul	#-0.04
9) Acenaphthene-d10	14.084	164	4682	0.400	ng/ul	-0.03
13) Phenanthrene-d10	16.823	188	9830m	0.400	ng/ul	-0.04
17) Chrysene-d12	21.024	240	8671m	0.400	ng/ul	-0.02
23) Perylene-d12	23.122	264	10388m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.038	96	14451	3.302	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.832	152	2977	0.247	ng/ul	-0.03
18) Fluoranthene-d10	18.857	212	7573	0.292	ng/ul	-0.03
Target Compounds						
					Qvalue	
5) Naphthalene	10.253	128	1995	0.080	ng/ul#	93
7) 2-Methylnaphthalene	11.909	142	563	0.040	ng/ul	99
8) 1-Methylnaphthalene	12.123	142	415	0.027	ng/ul	97
10) Acenaphthylene	13.802	152	3138	0.141	ng/ul	97
11) Acenaphthene	14.145	153	1844	0.115	ng/ul	97
12) Fluorene	15.135	166	2553	0.148	ng/ul#	98
15) Phenanthrene	16.866	178	63121m	2.286	ng/ul	
16) Anthracene	16.958	178	10040m	0.488	ng/ul	
19) Fluoranthene	18.889	202	173856	4.631	ng/ul	96
20) Pyrene	19.252	202	116809	2.877	ng/ul	95
21) Benzo(a)anthracene	21.006	228	71630	2.139	ng/ul	100
22) Chrysene	21.059	228	90560	2.119	ng/ul	99
24) Benzo(b)fluoranthene	22.502	252	140428m	3.752	ng/ul	
25) Benzo(k)fluoranthene	22.537	252	49063m	1.103	ng/ul	
26) Benzo(a)pyrene	23.025	252	45796	1.321	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	25.169	276	53439	0.942	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.176	278	16026	0.379	ng/ul#	95
29) Benzo(g,h,i)perylene	25.799	276	8532	0.175	ng/ul#	87

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

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