

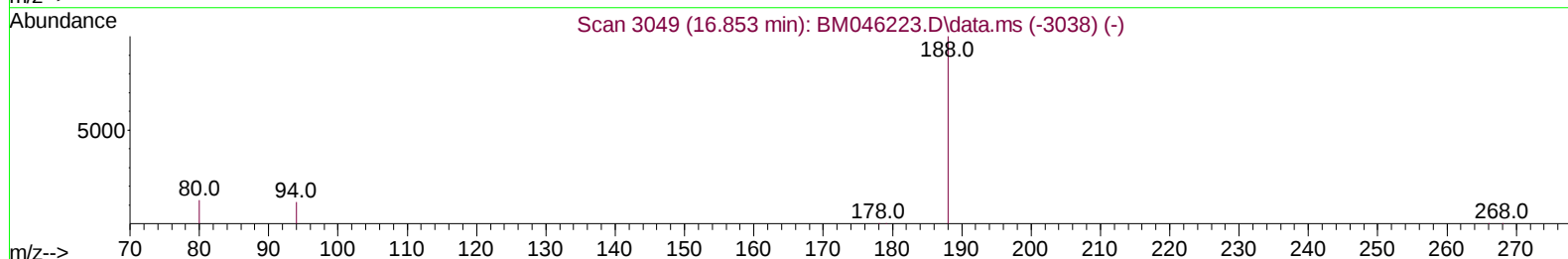
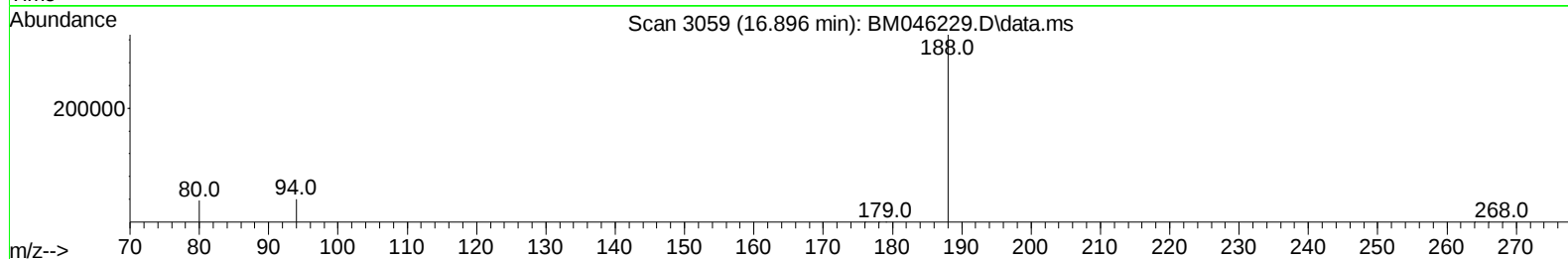
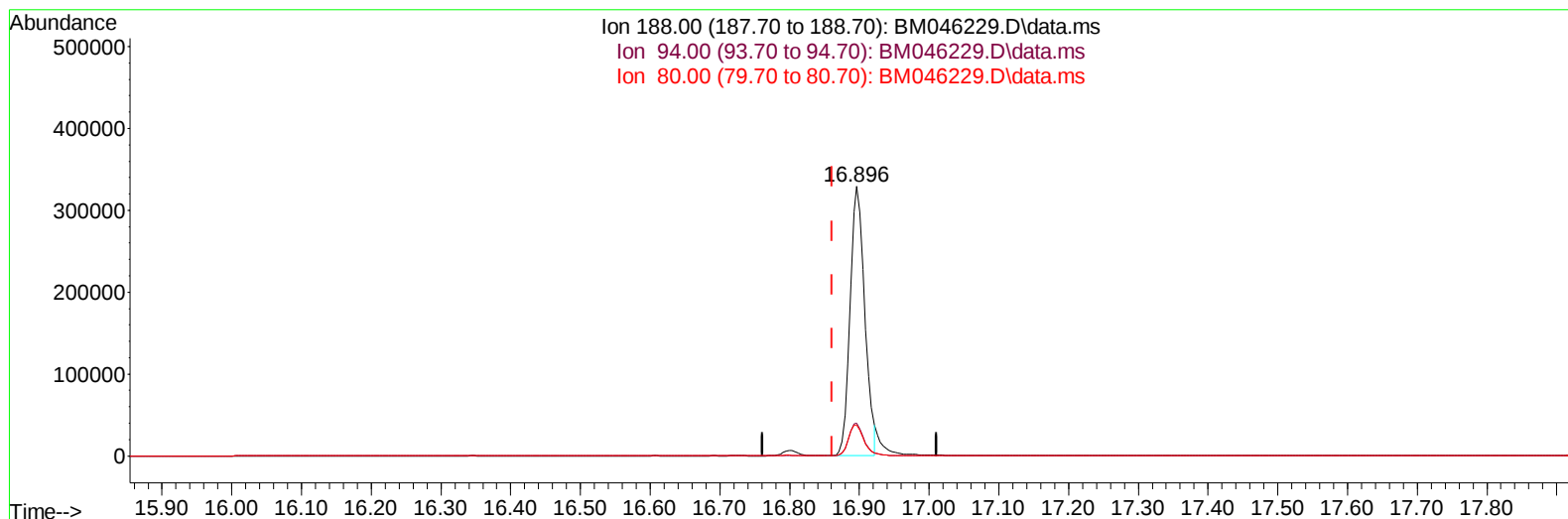
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046229.D
Acq On : 23 Jun 2024 11:24
Operator : MA/JU
Sample : P2776-11
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4CA6

Manual IntegrationsAPPROVED

Quant Time: Jun 24 02:29:55 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 : Mon Jun 24 02:25:34 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



TIC: BM046229.D\data.ms

(13) Phenanthrene-d10 (I)

16.896min (+ 0.035) 0.40 ng/u1

response 479368

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	13.80	12.11
80.00	15.20	11.42#
0.00	0.00	0.00

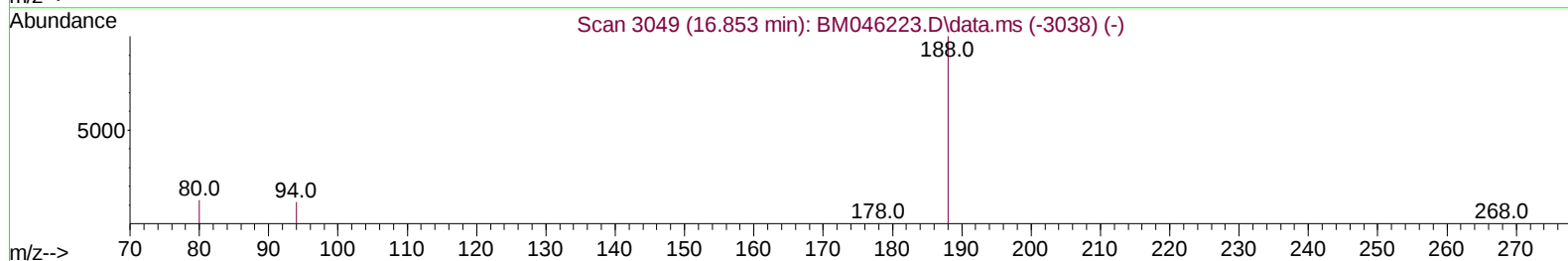
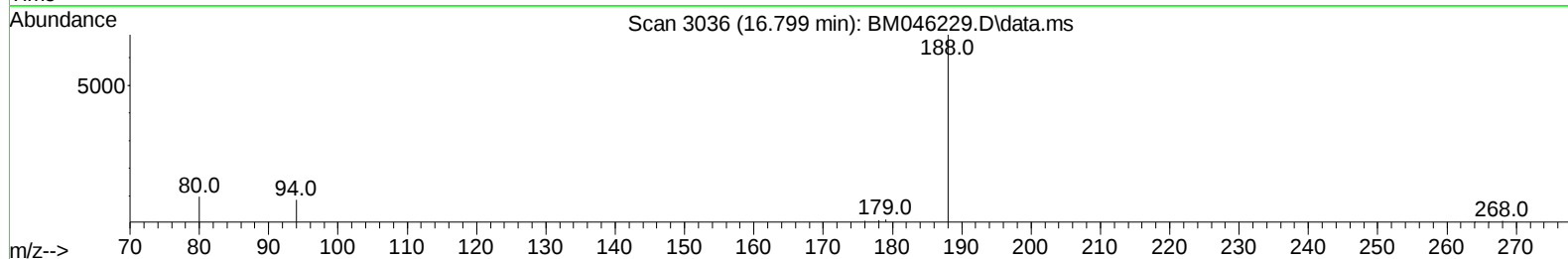
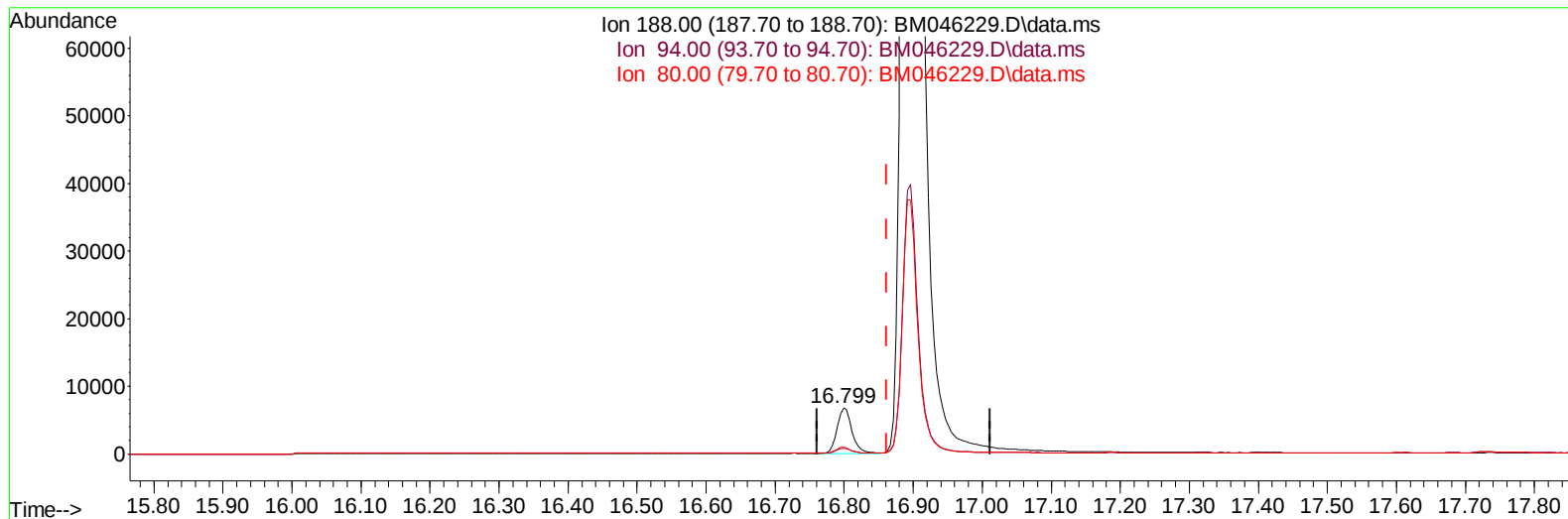
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046229.D
Acq On : 23 Jun 2024 11:24
Operator : MA/JU
Sample : P2776-11
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4CA6

Manual IntegrationsAPPROVED

Quant Time: Jun 24 02:29:55 2024
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QLast Update : Mon Jun 24 02:25:34 2024
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TIC: BM046229.D\data.ms

(13) Phenanthrene-d10 (I)

16.799min (-0.062) 0.40 ng/u1 m

response 10076

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	13.80	12.54
80.00	15.20	14.16
0.00	0.00	0.00

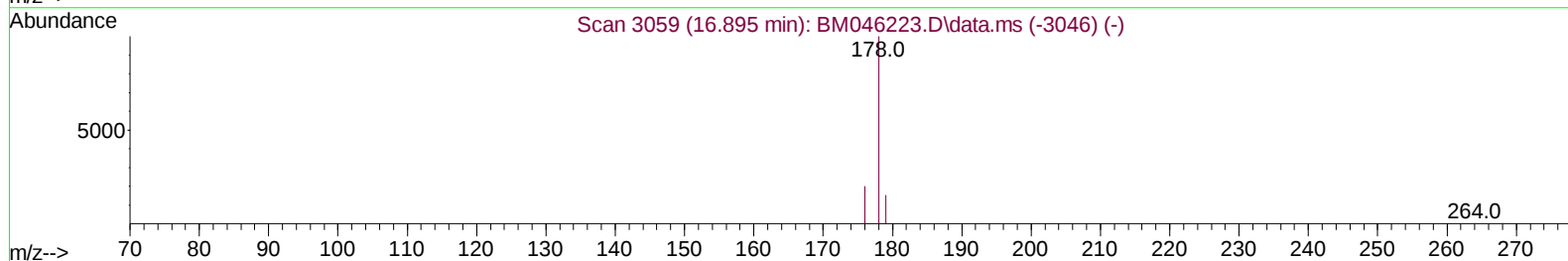
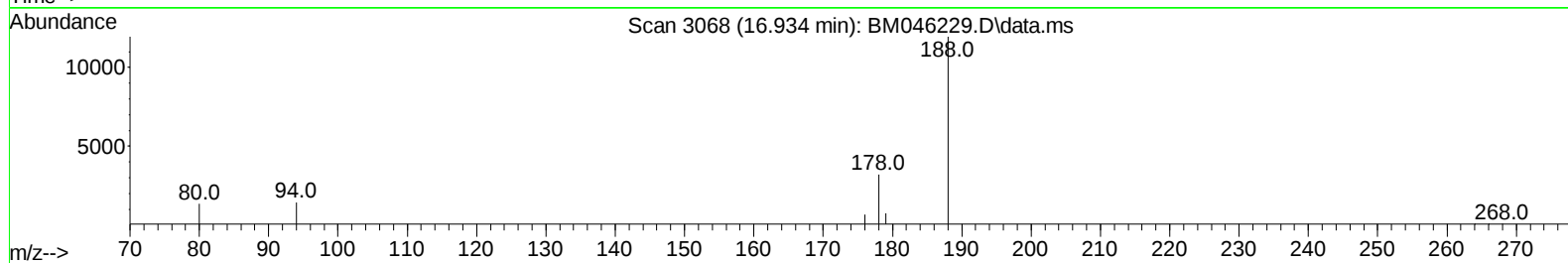
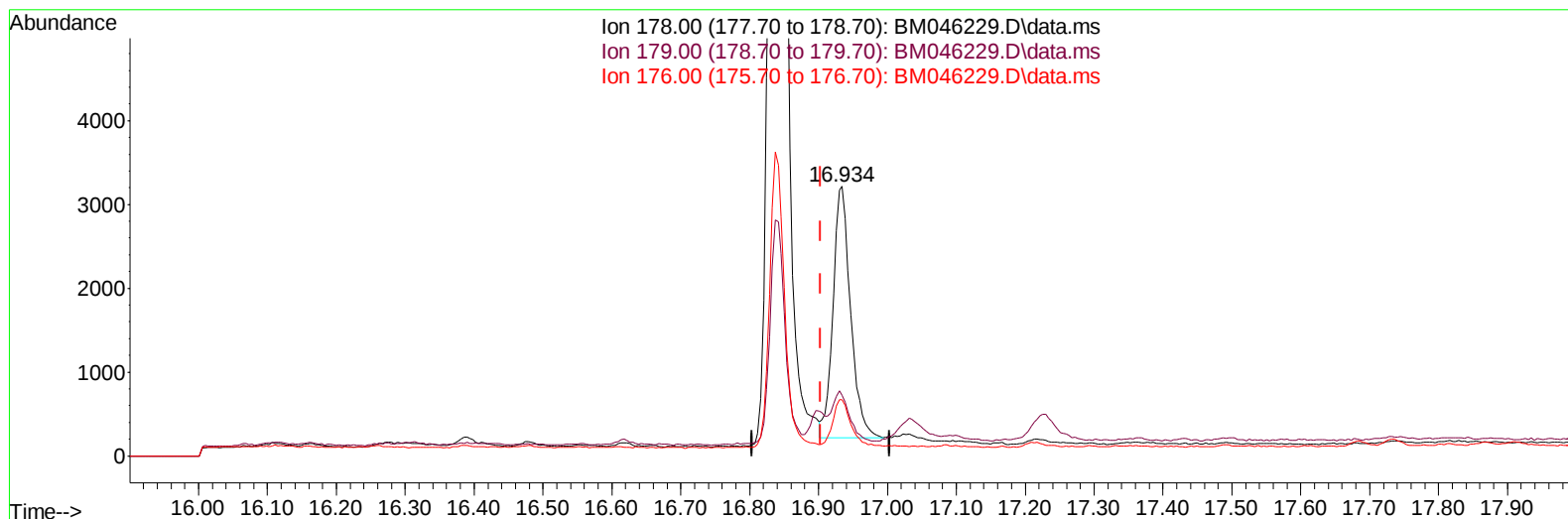
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046229.D
Acq On : 23 Jun 2024 11:24
Operator : MA/JU
Sample : P2776-11
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4CA6

Manual IntegrationsAPPROVED

Quant Time: Jun 24 02:29:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
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TIC: BM046229.D\data.ms

(15) Phenanthrene

16.934min (+ 0.031) 0.19 ng/u1

response 5303

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.70	22.58#
176.00	21.40	20.96
0.00	0.00	0.00

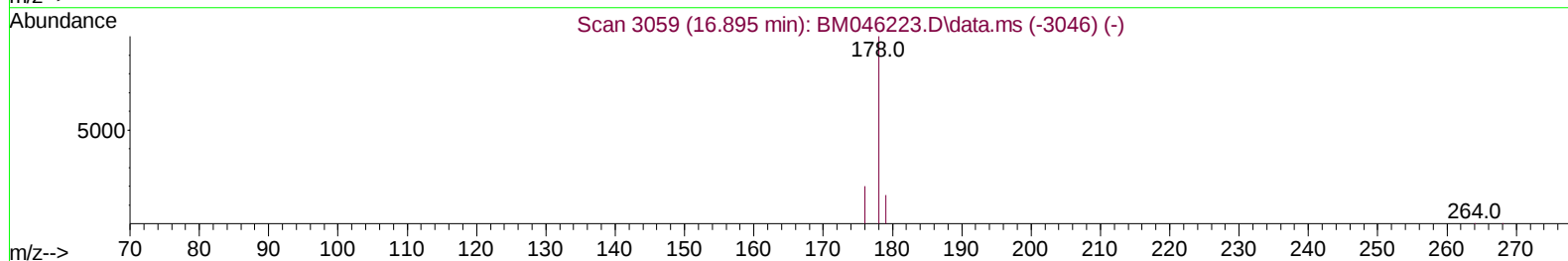
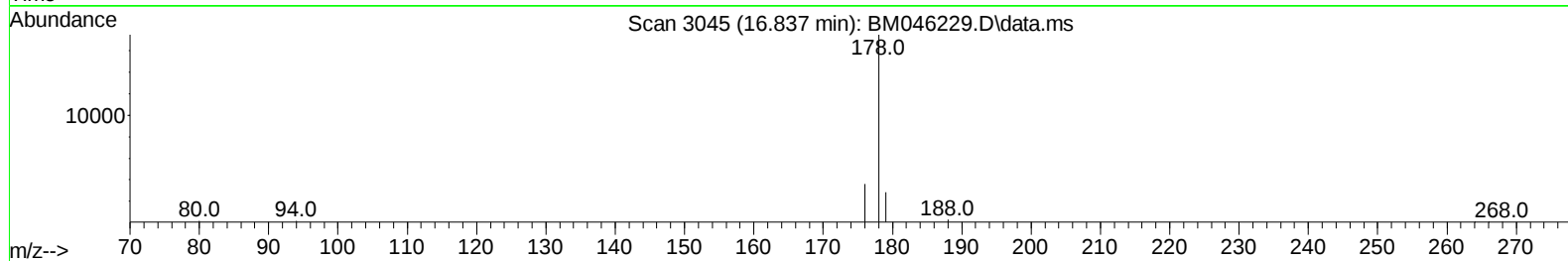
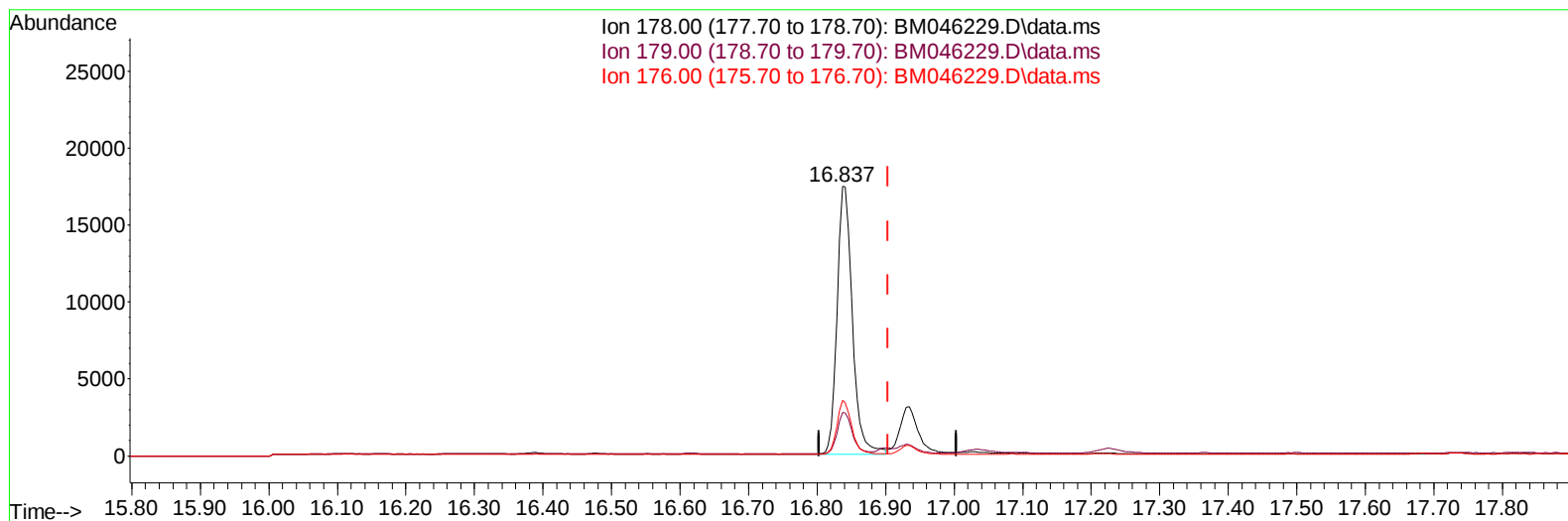
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046229.D
Acq On : 23 Jun 2024 11:24
Operator : MA/JU
Sample : P2776-11
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4CA6

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024

Quant Time: Jun 24 02:29:55 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 : Mon Jun 24 02:25:34 2024
Response via : Initial Calibration



TIC: BM046229.D\data.ms

(15) Phenanthrene

16.837min (-0.066) 0.95 ng/u1 m

response 26897

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.70	16.07
176.00	21.40	20.72
0.00	0.00	0.00

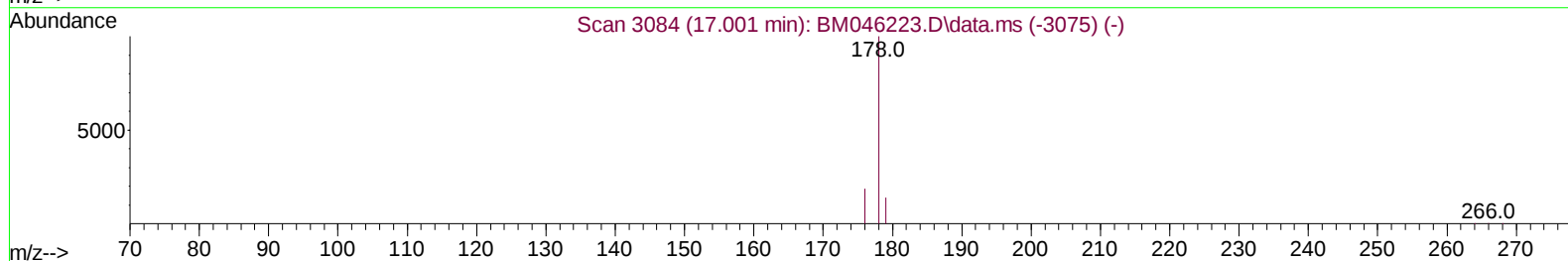
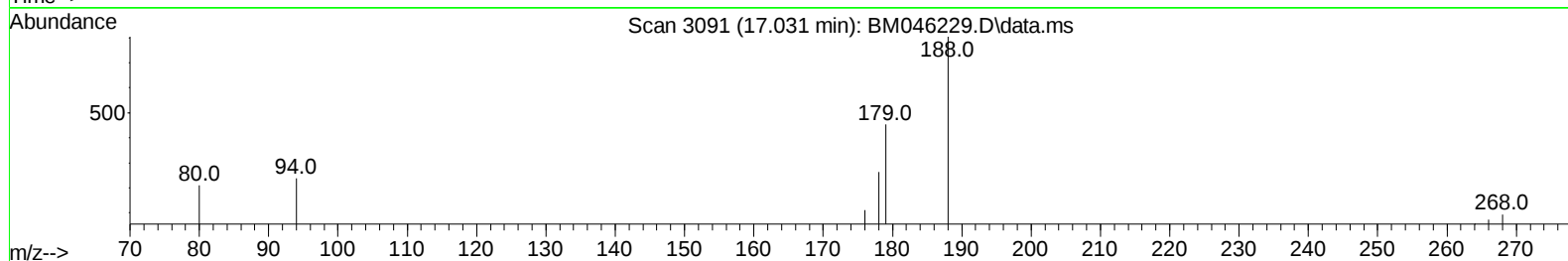
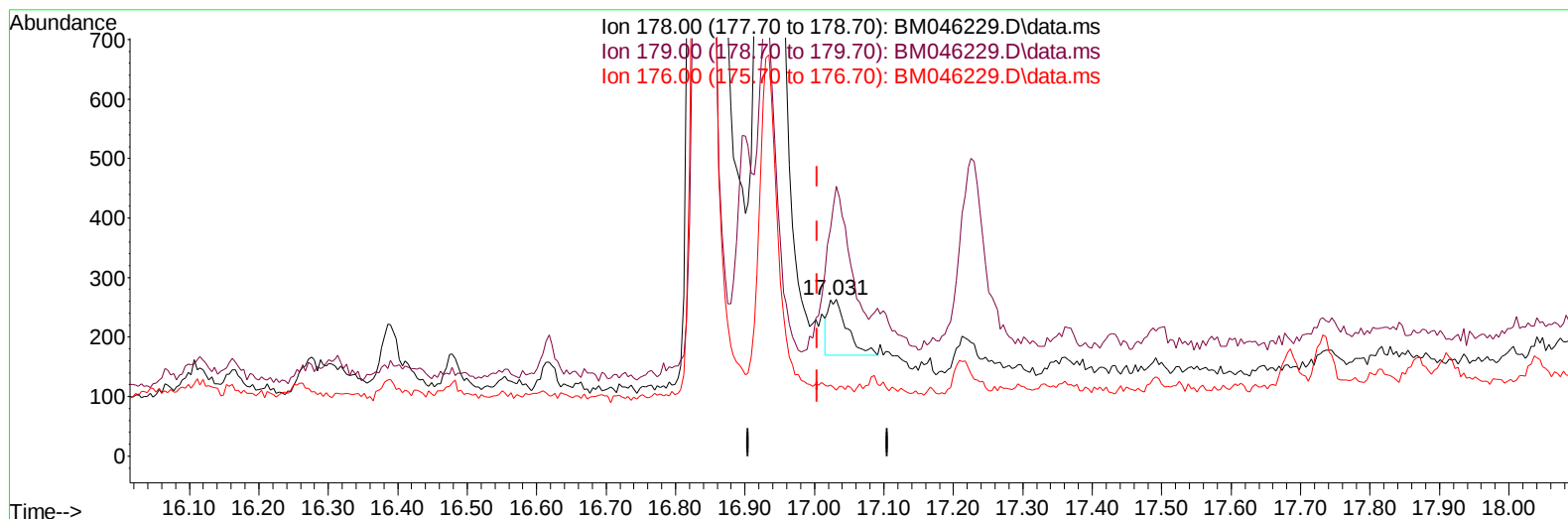
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046229.D
Acq On : 23 Jun 2024 11:24
Operator : MA/JU
Sample : P2776-11
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4CA6

Manual IntegrationsAPPROVED

Quant Time: Jun 24 02:29:55 2024
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TIC: BM046229.D\data.ms

(16) Anthracene

17.031min (+ 0.026) 0.01 ng/u1

response 181

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	18.60	172.24#
176.00	21.20	42.21#
0.00	0.00	0.00

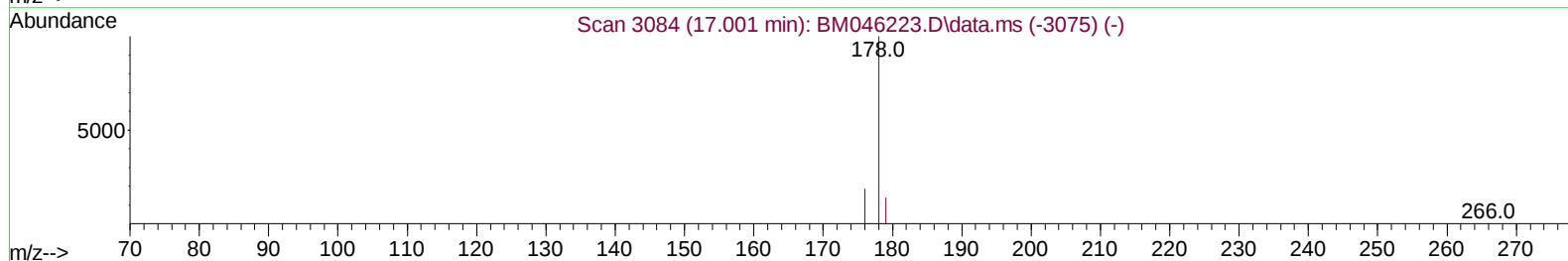
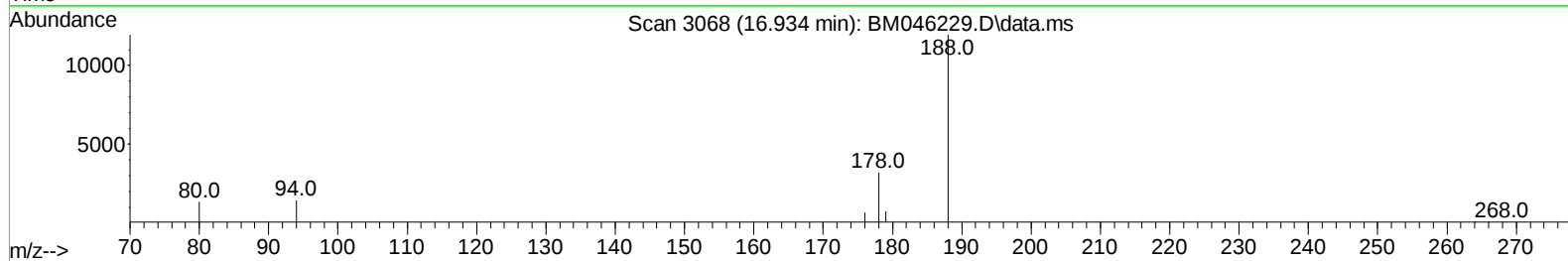
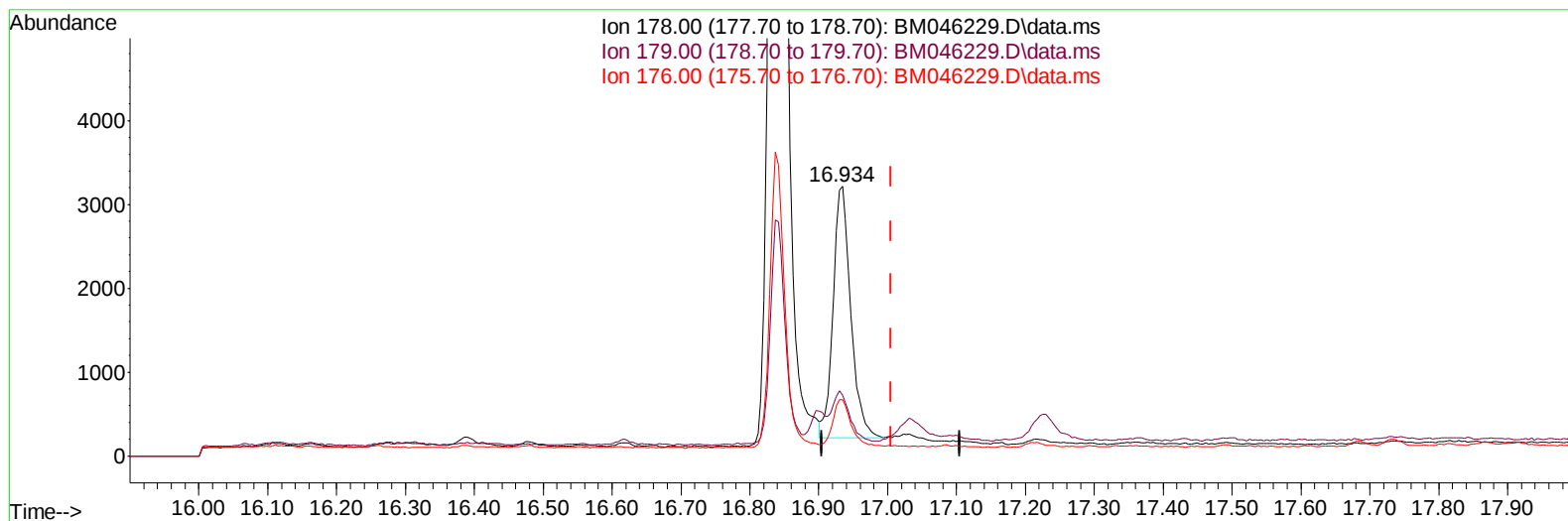
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046229.D
Acq On : 23 Jun 2024 11:24
Operator : MA/JU
Sample : P2776-11
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4CA6

Manual IntegrationsAPPROVED

Quant Time: Jun 24 02:29:55 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 : Mon Jun 24 02:25:34 2024
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Supervised By :Jagrut Upadhyay 06/24/2024



TIC: BM046229.D\data.ms

(16) Anthracene

16.934min (-0.071) 0.25 ng/ul m

response 5320

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	18.60	22.58#
176.00	21.20	20.96
0.00	0.00	0.00

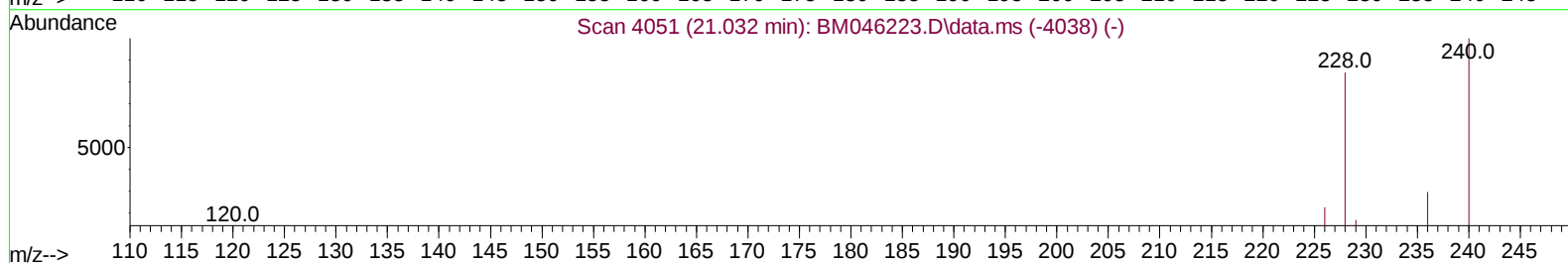
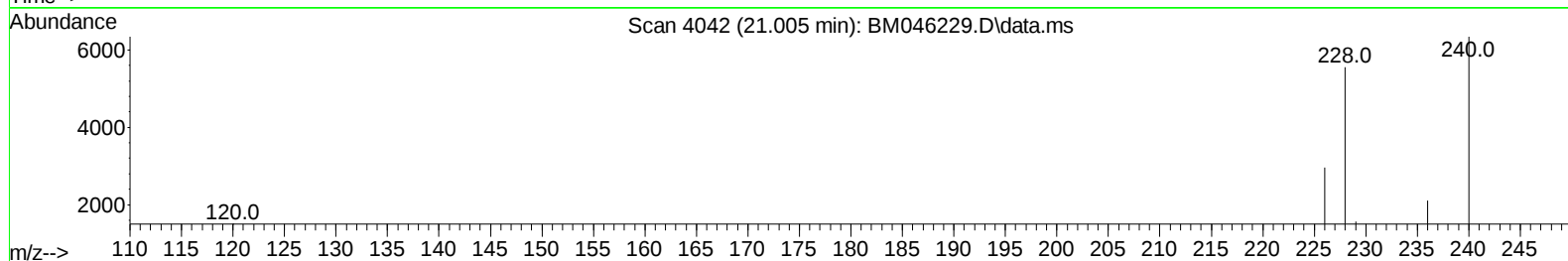
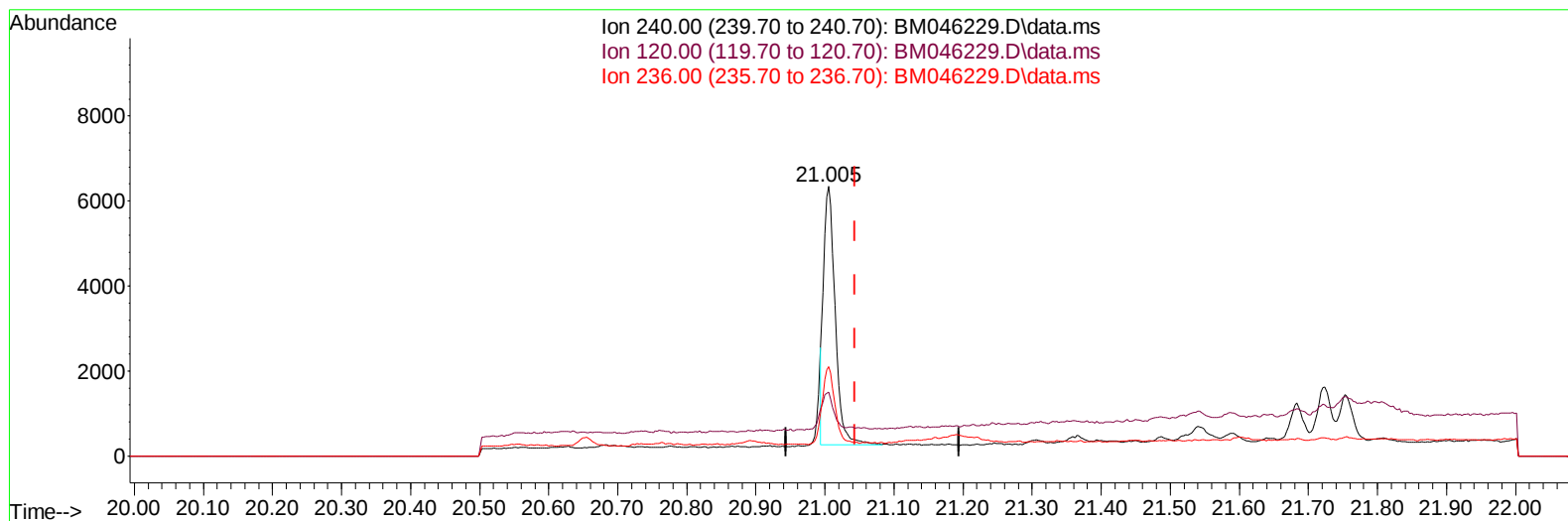
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046229.D
Acq On : 23 Jun 2024 11:24
Operator : MA/JU
Sample : P2776-11
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4CA6

Manual IntegrationsAPPROVED

Quant Time: Jun 24 02:29:55 2024
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TIC: BM046229.D\data.ms

(17) Chrysene-d12

21.005min (-0.039) 0.40 ng/u1

response 7157

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	23.50	23.67
236.00	33.60	33.25
0.00	0.00	0.00

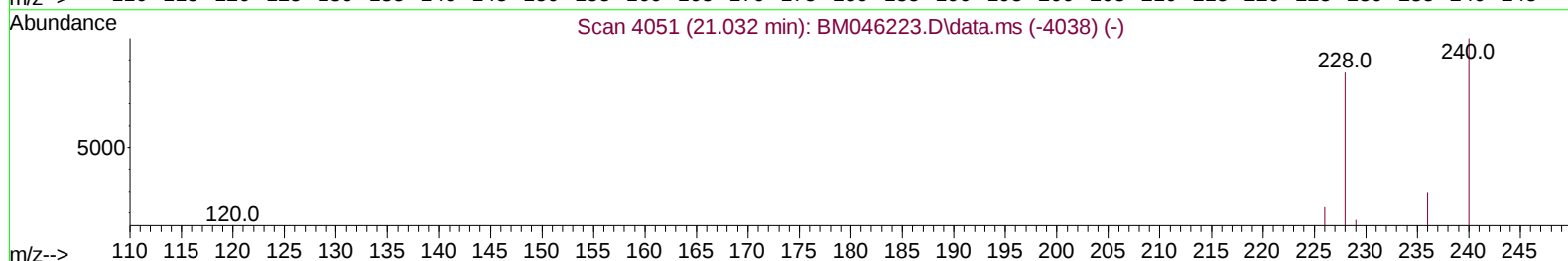
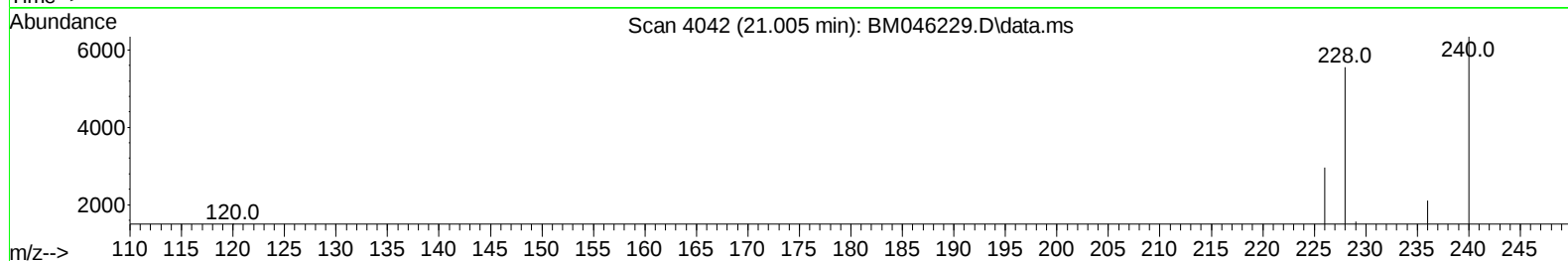
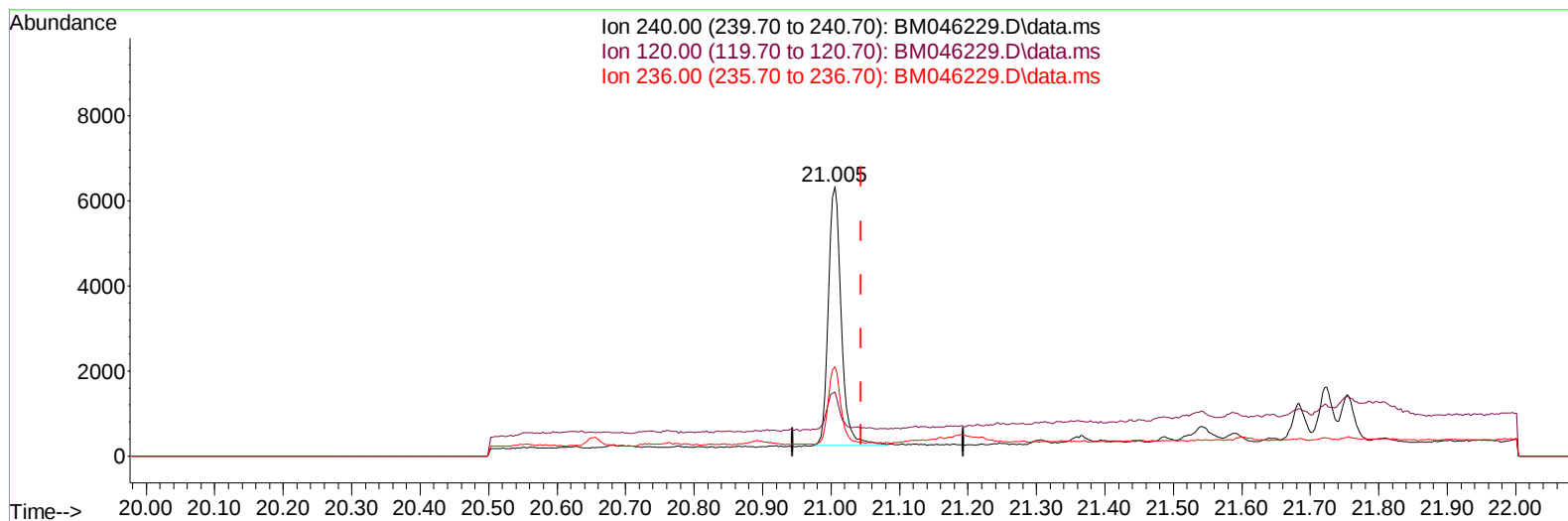
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046229.D
Acq On : 23 Jun 2024 11:24
Operator : MA/JU
Sample : P2776-11
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4CA6

Manual IntegrationsAPPROVED

Quant Time: Jun 24 02:29:55 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 : Mon Jun 24 02:25:34 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



TIC: BM046229.D\data.ms

(17) Chrysene-d12

21.005min (-0.039) 0.40 ng/ul m

response 8028

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	23.50	23.67
236.00	33.60	33.25
0.00	0.00	0.00

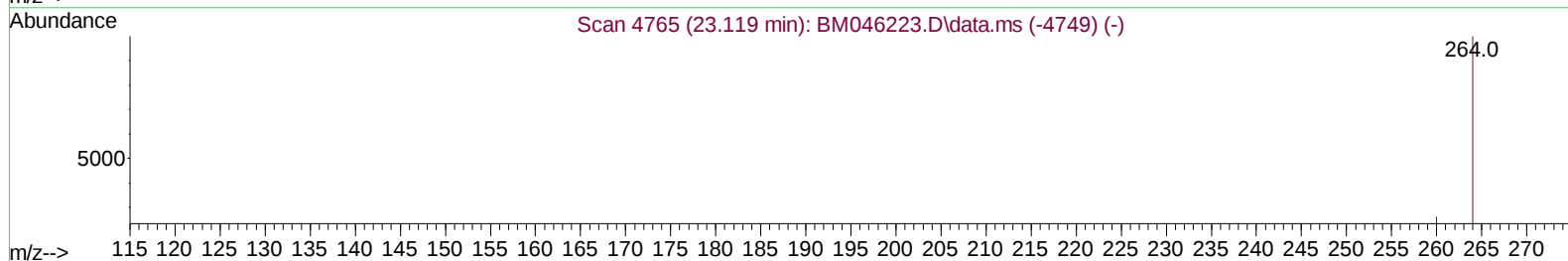
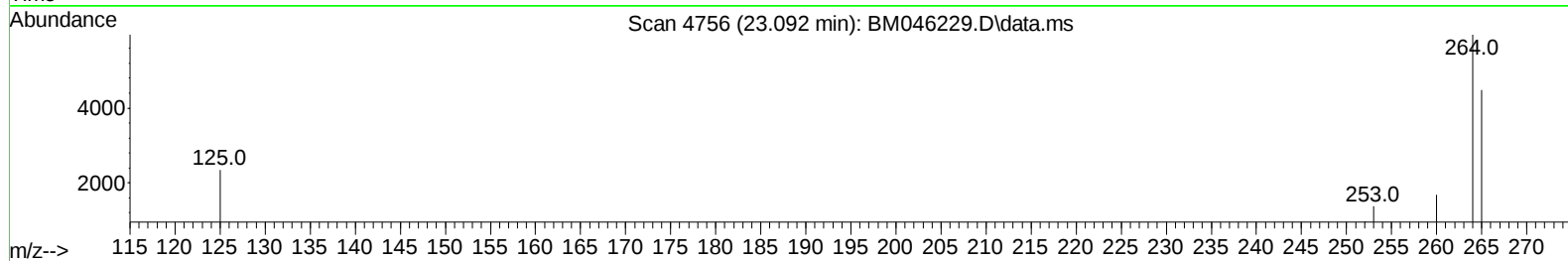
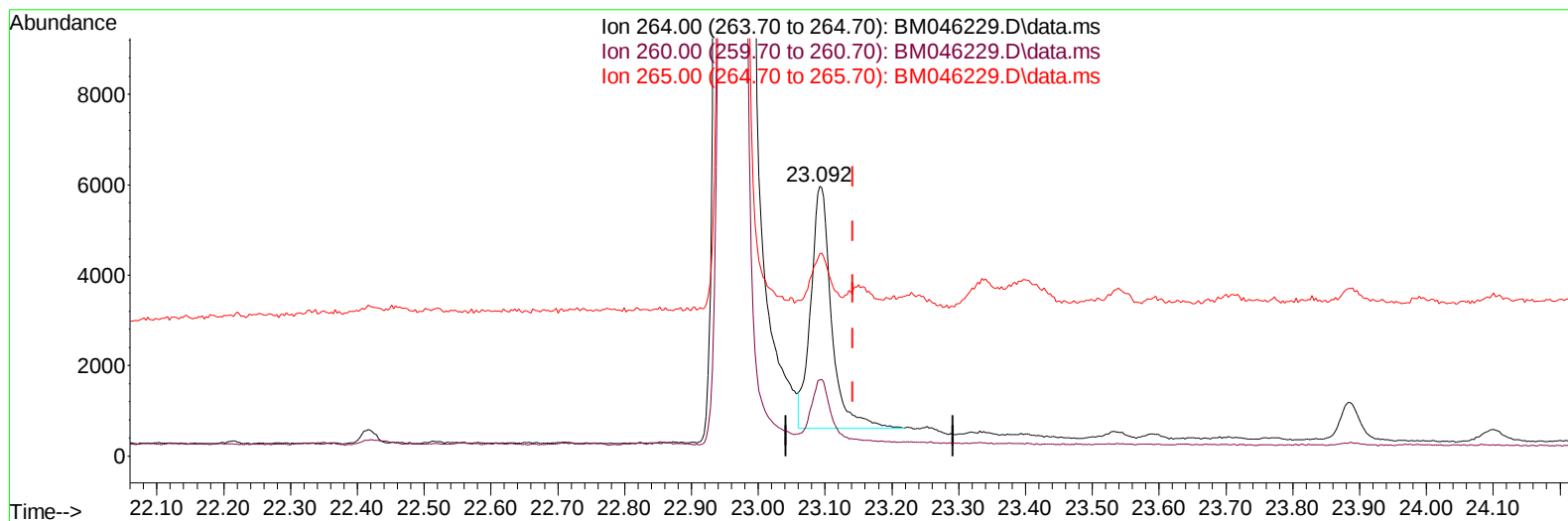
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046229.D
Acq On : 23 Jun 2024 11:24
Operator : MA/JU
Sample : P2776-11
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4CA6

Manual IntegrationsAPPROVED

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TIC: BM046229.D\data.ms

(23) Perylene-d12 (I)

23.092min (-0.050) 0.40 ng/u1

response 11609

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	28.20	28.25
265.00	110.60	75.12#
0.00	0.00	0.00

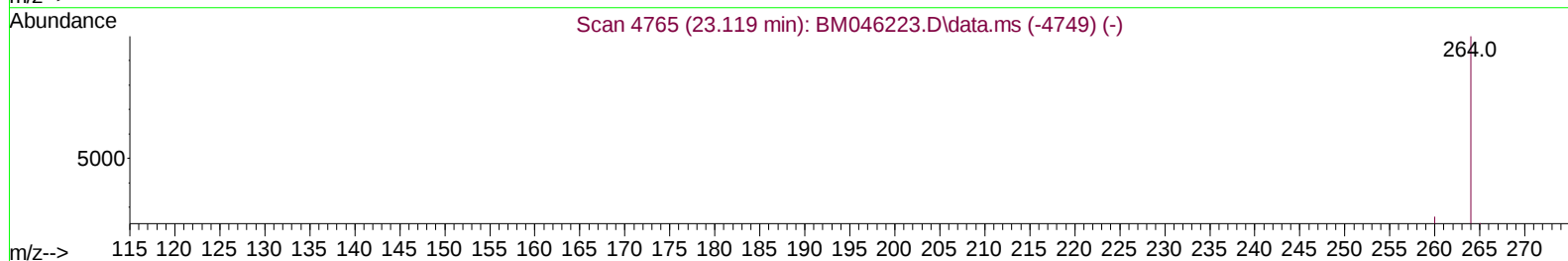
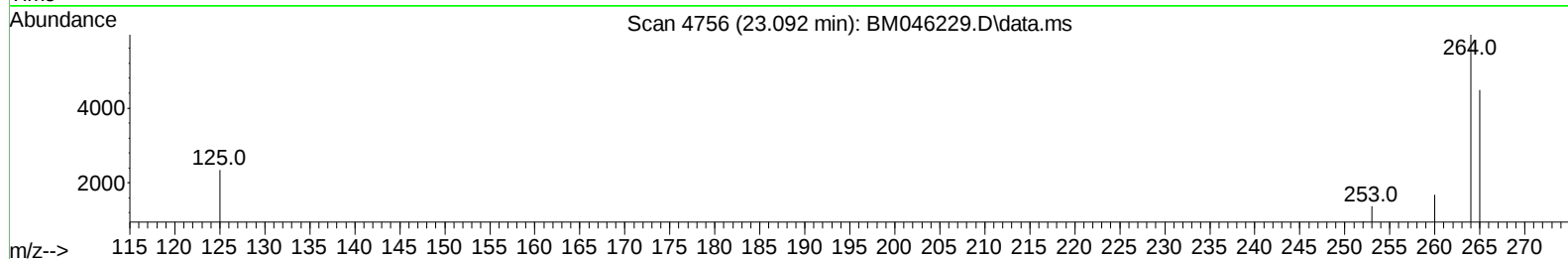
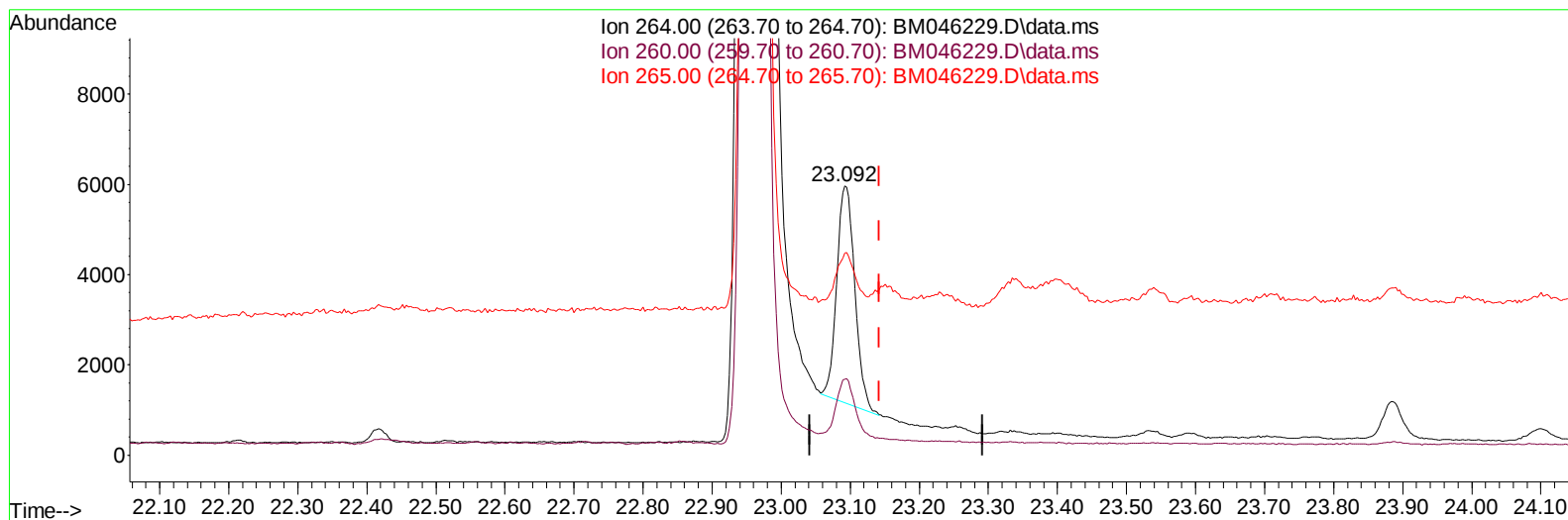
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046229.D
Acq On : 23 Jun 2024 11:24
Operator : MA/JU
Sample : P2776-11
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4CA6

Manual IntegrationsAPPROVED

Quant Time: Jun 24 02:29:55 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 : Mon Jun 24 02:25:34 2024
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TIC: BM046229.D\data.ms

(23) Perylene-d12 (I)

23.092min (-0.050) 0.40 ng/ul m

response 8702

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	28.20	28.25
265.00	110.60	75.12#
0.00	0.00	0.00

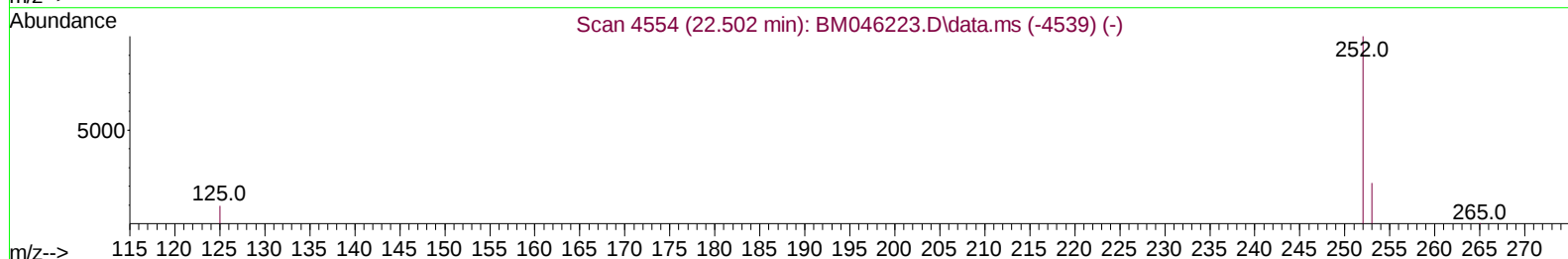
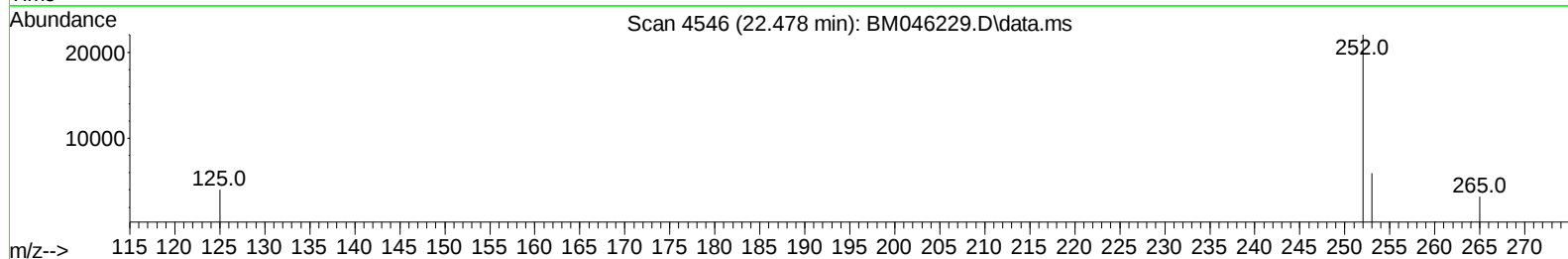
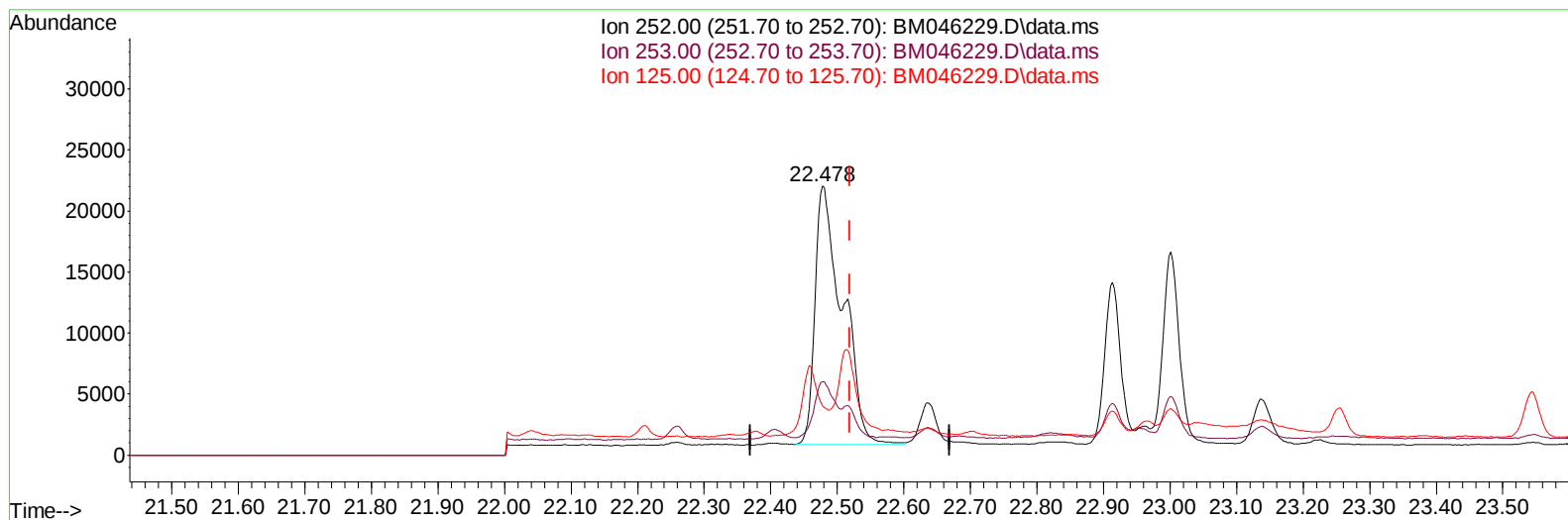
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
 Data File : BM046229.D
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 Operator : MA/JU
 Sample : P2776-11
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4CA6

Manual IntegrationsAPPROVED

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TIC: BM046229.D\data.ms

(24) Benzo(b)fluoranthene

22.478min (-0.041) 1.94 ng/u1

response 60841

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.90	27.16
125.00	20.10	18.30
0.00	0.00	0.00

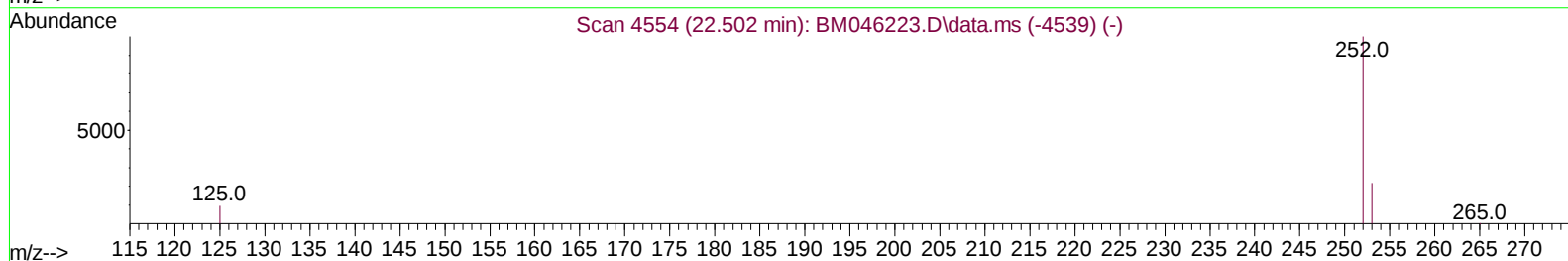
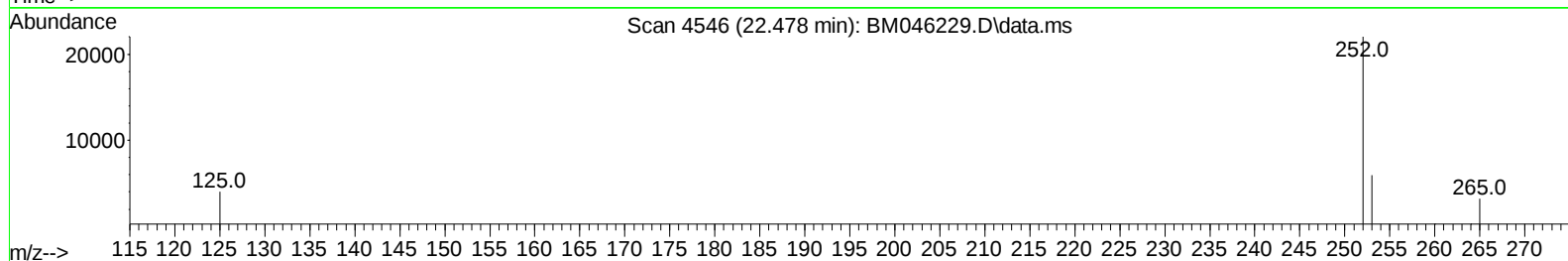
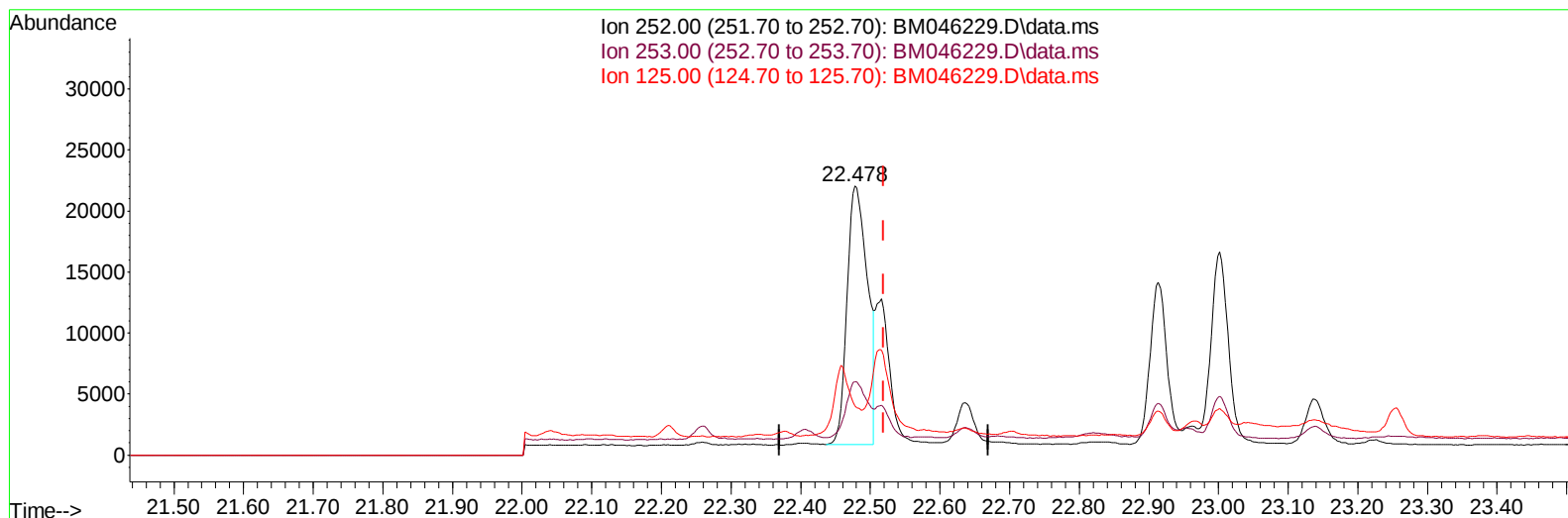
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046229.D
Acq On : 23 Jun 2024 11:24
Operator : MA/JU
Sample : P2776-11
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4CA6

Manual IntegrationsAPPROVED

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Supervised By :Jagrut Upadhyay 06/24/2024



TIC: BM046229.D\data.ms

(24) Benzo(b)fluoranthene

22.478min (-0.041) 1.38 ng/u1 m

response 43337

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.90	27.16
125.00	20.10	18.30
0.00	0.00	0.00

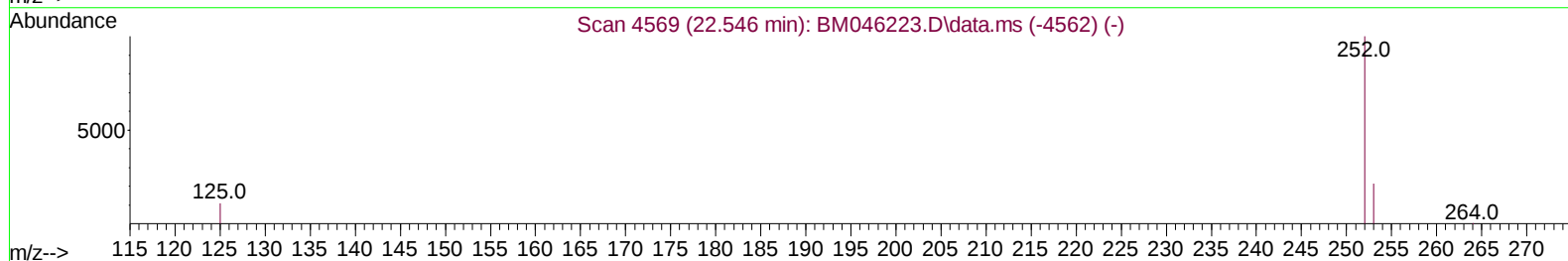
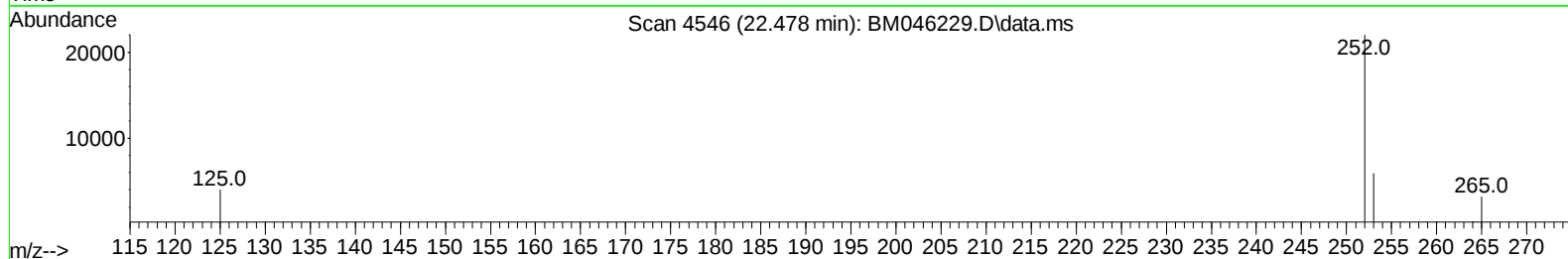
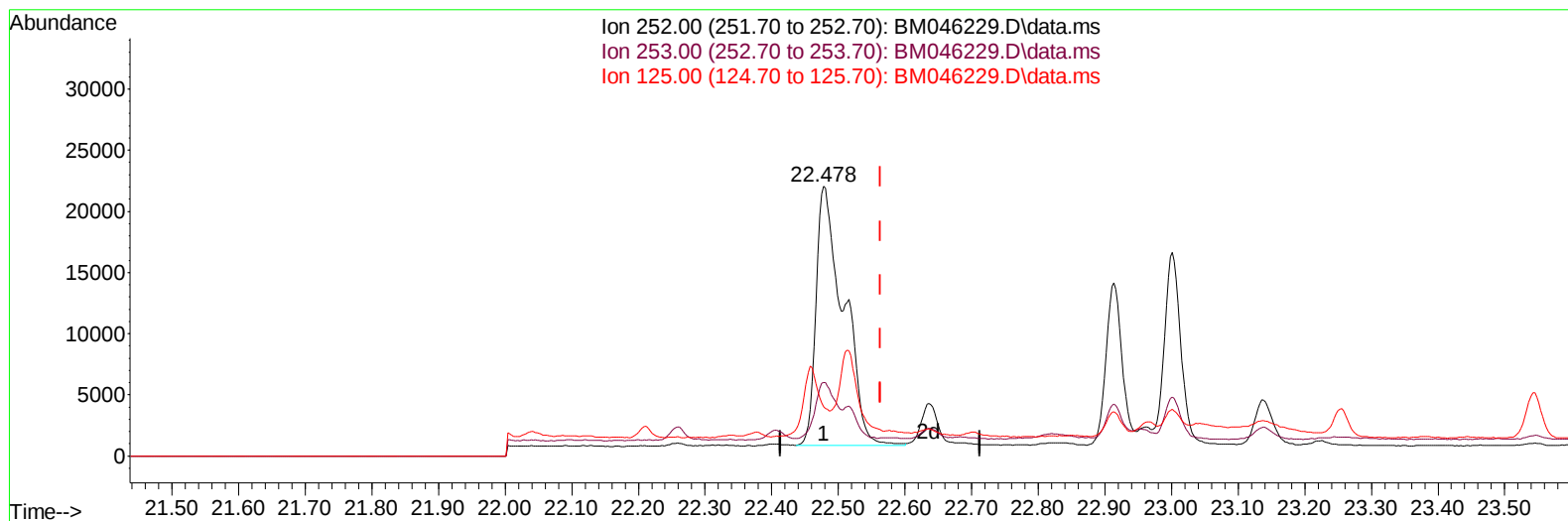
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046229.D
Acq On : 23 Jun 2024 11:24
Operator : MA/JU
Sample : P2776-11
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4CA6

Manual IntegrationsAPPROVED

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TIC: BM046229.D\data.ms

(25) Benzo(k)fluoranthene

22.478min (-0.085) 1.63 ng/u1

response 60841

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	27.16#
125.00	20.80	18.30
0.00	0.00	0.00

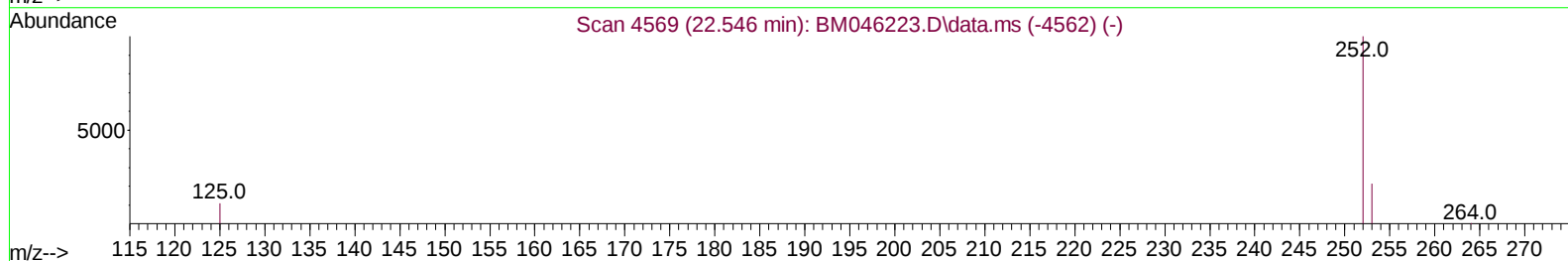
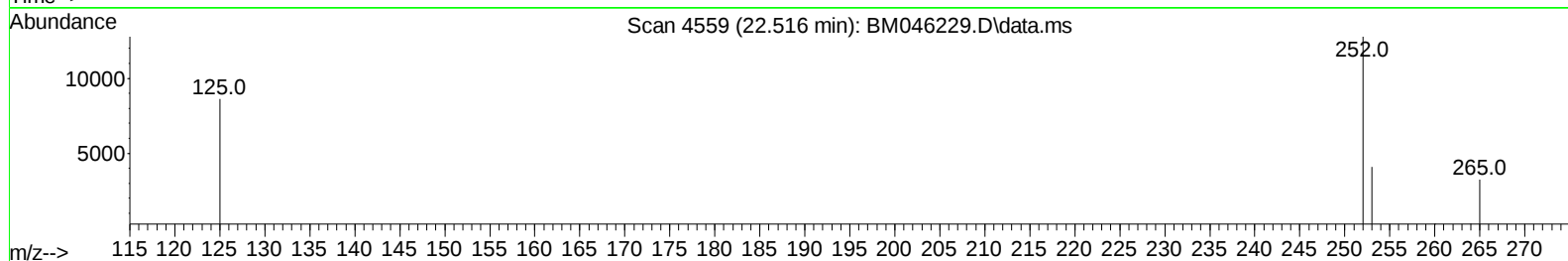
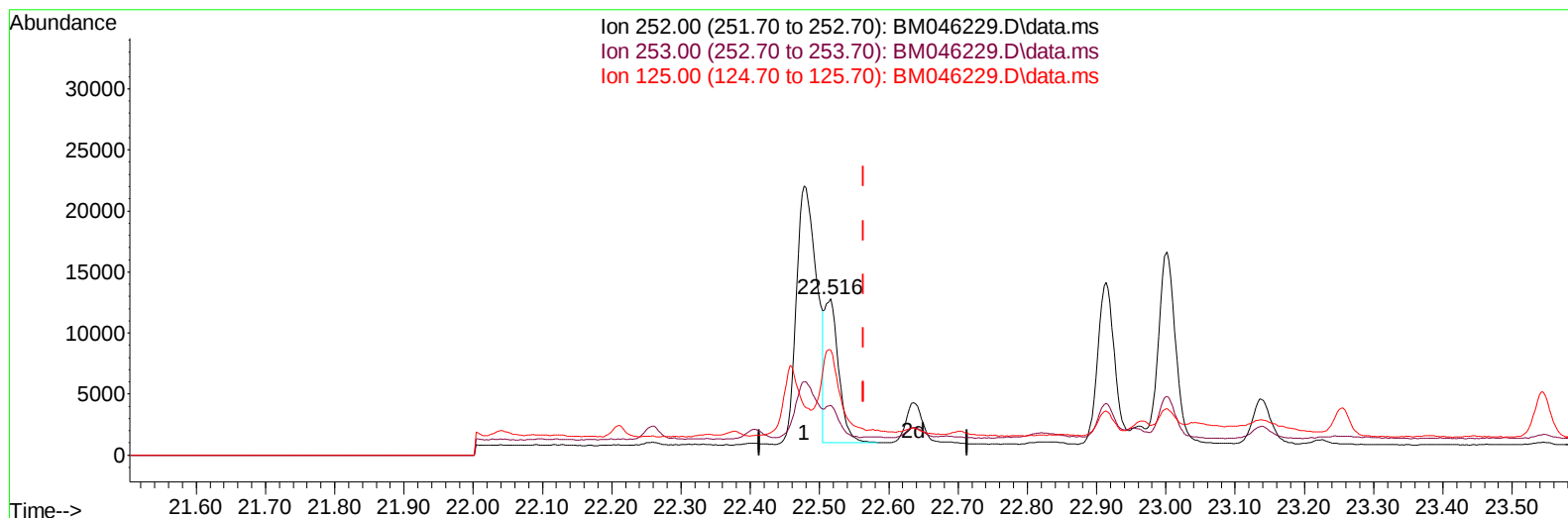
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
Data File : BM046229.D
Acq On : 23 Jun 2024 11:24
Operator : MA/JU
Sample : P2776-11
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4CA6

Manual IntegrationsAPPROVED

Quant Time: Jun 24 02:29:55 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 : Mon Jun 24 02:25:34 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/24/2024
Supervised By :Jagrut Upadhyay 06/24/2024



TIC: BM046229.D\data.ms

(25) Benzo(k)fluoranthene

22.516min (-0.047) 0.45 ng/u1 m

response 16845

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	31.88
125.00	20.80	67.39#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062224\
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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.404	152		2872	0.400	ng/ul	-0.06
4) Naphthalene-d8	10.172	136		8687	0.400	ng/ul	-0.08
9) Acenaphthene-d10	14.053	164		4819	0.400	ng/ul	-0.06
13) Phenanthrene-d10	16.799	188		10076m	0.400	ng/ul	-0.06
17) Chrysene-d12	21.005	240		8028m	0.400	ng/ul	-0.04
23) Perylene-d12	23.092	264		8702m	0.400	ng/ul	-0.05
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.025	96		12673	3.216	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.794	152		2947	0.253	ng/ul	-0.07
18) Fluoranthene-d10	18.835	212		6243	0.260	ng/ul	-0.05
Target Compounds							Qvalue
5) Naphthalene	10.221	128		912	0.038	ng/ul#	72
7) 2-Methylnaphthalene	11.871	142		389	0.029	ng/ul	100
8) 1-Methylnaphthalene	12.080	142		320	0.021	ng/ul	89
10) Acenaphthylene	13.771	152		3732	0.163	ng/ul	96
11) Acenaphthene	14.113	153		846	0.051	ng/ul	93
12) Fluorene	15.108	166		1170	0.066	ng/ul#	95
15) Phenanthrene	16.837	178		26897m	0.950	ng/ul	
16) Anthracene	16.934	178		5320m	0.252	ng/ul	
19) Fluoranthene	18.863	202		63593	1.829	ng/ul	98
20) Pyrene	19.230	202		54606	1.453	ng/ul	96
21) Benzo(a)anthracene	20.991	228		28304	0.913	ng/ul	95
22) Chrysene	21.040	228		28876	0.730	ng/ul	98
24) Benzo(b)fluoranthene	22.478	252		43337m	1.382	ng/ul	
25) Benzo(k)fluoranthene	22.516	252		16845m	0.452	ng/ul	
26) Benzo(a)pyrene	23.001	252		27145	0.934	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	25.135	276		24365	0.512	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.141	278		5486	0.155	ng/ul#	27
29) Benzo(g,h,i)perylene	25.755	276		24723	0.606	ng/ul	98

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

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