

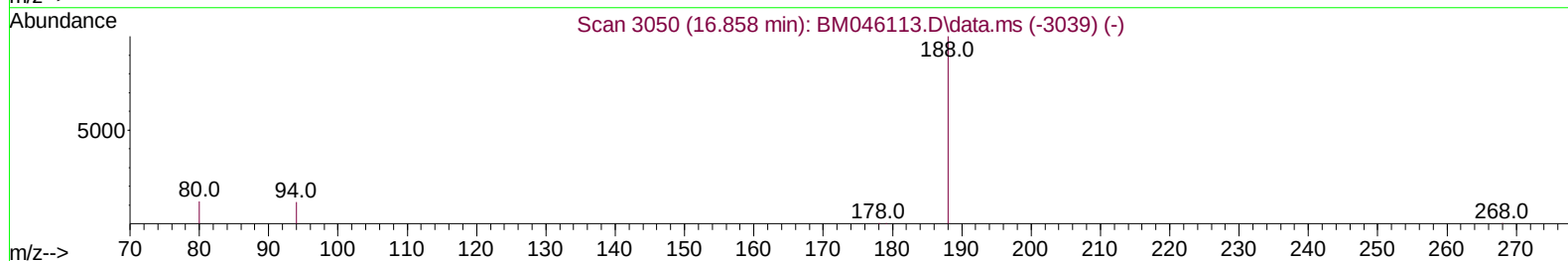
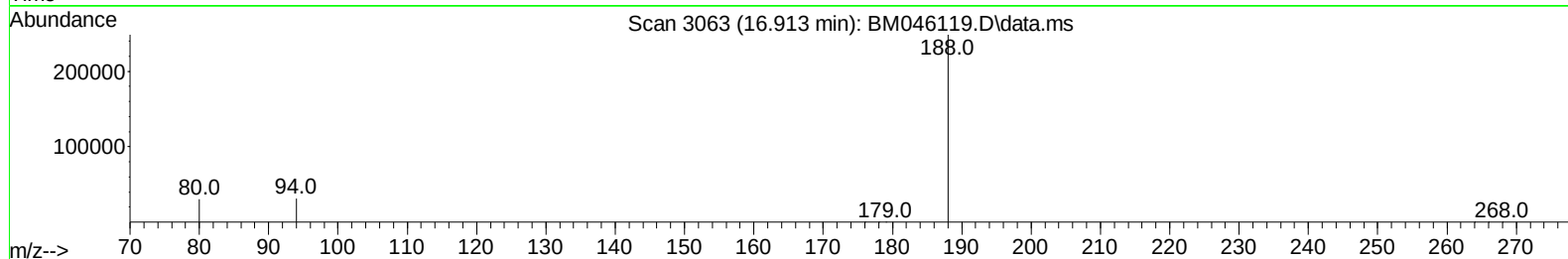
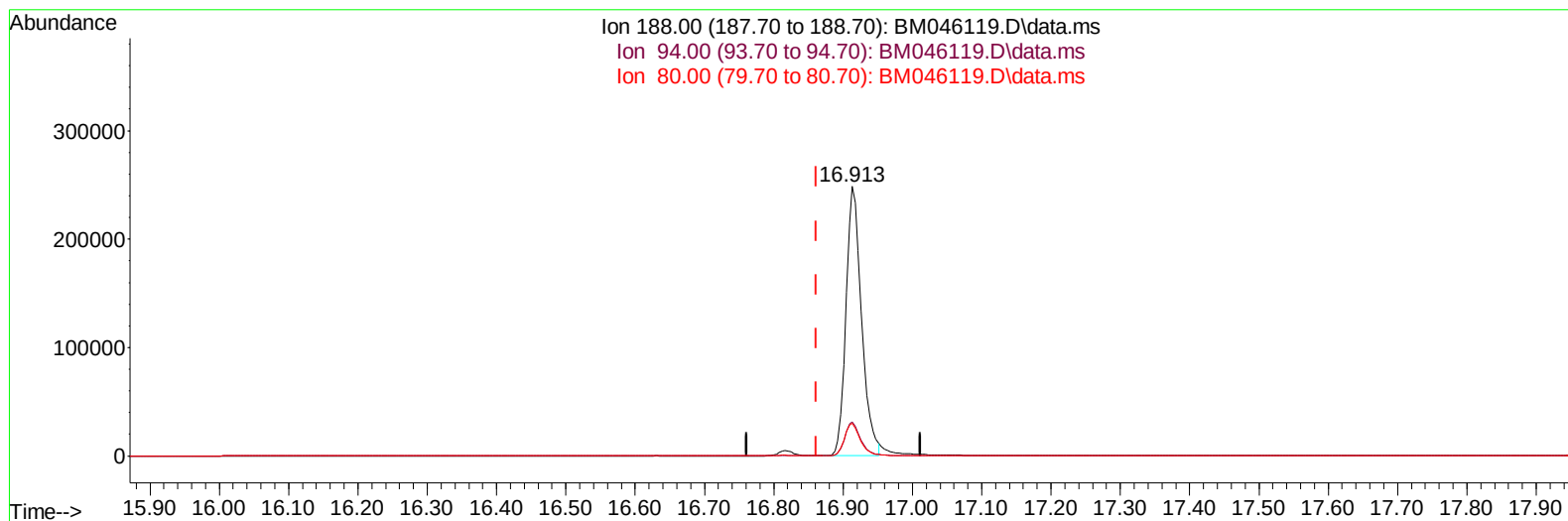
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046119.D
Acq On : 20 Jun 2024 12:41
Operator : MA/JU
Sample : P2710-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BM0

Manual IntegrationsAPPROVED

Quant Time: Jun 20 13:14:08 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: BM046119.D\data.ms

(13) Phenanthrene-d10 (I)

16.913min (+ 0.052) 0.40 ng/u1

response 390612

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	13.80	12.67
80.00	15.20	12.15#
0.00	0.00	0.00

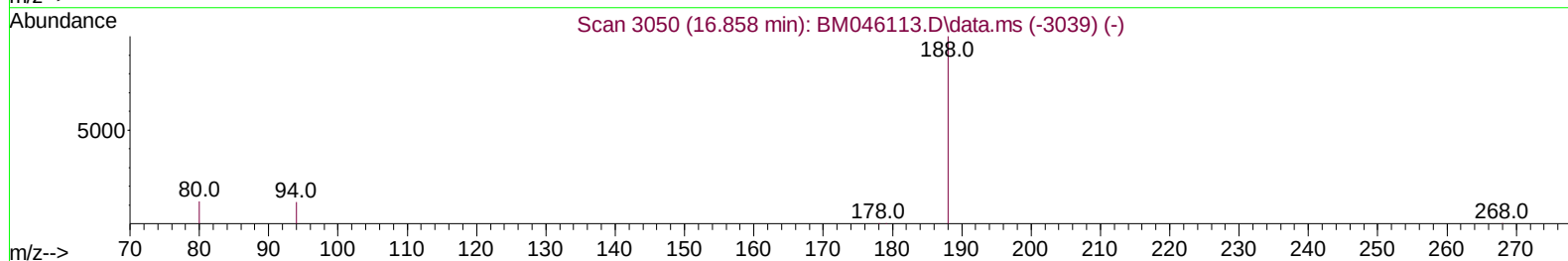
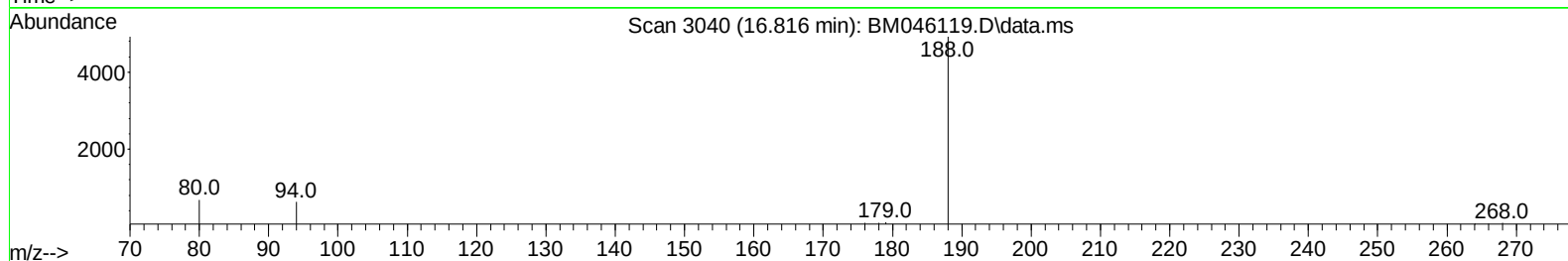
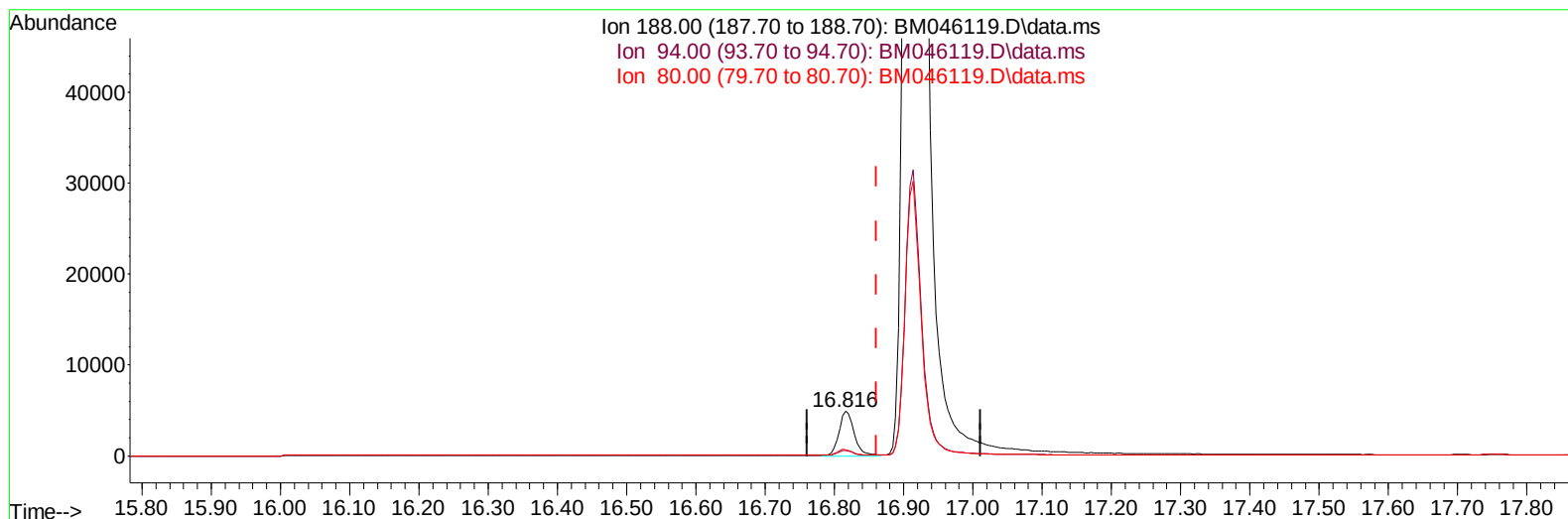
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046119.D
Acq On : 20 Jun 2024 12:41
Operator : MA/JU
Sample : P2710-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BM0

Manual IntegrationsAPPROVED

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TIC: BM046119.D\data.ms

(13) Phenanthrene-d10 (I)

16.816min (-0.045) 0.40 ng/ul m

response 7581

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	13.80	12.72
80.00	15.20	13.90
0.00	0.00	0.00

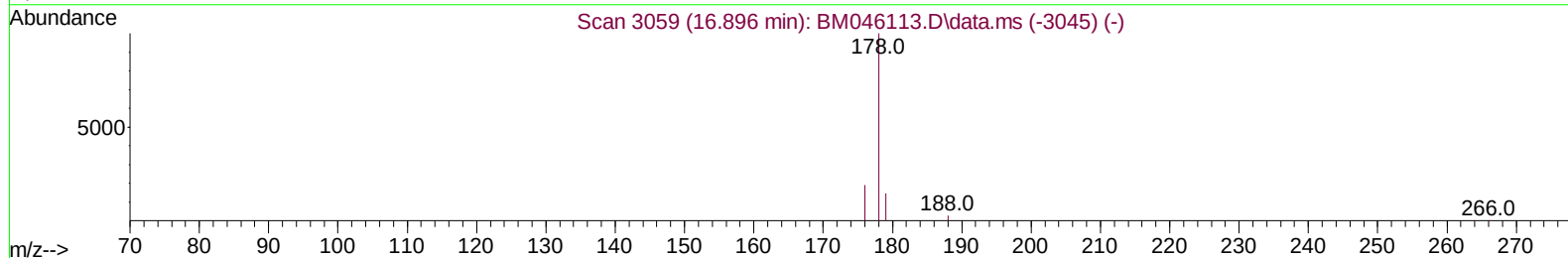
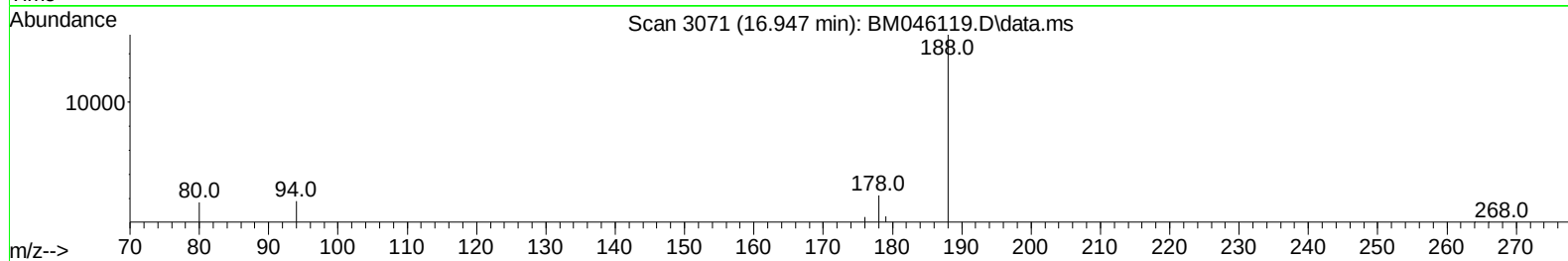
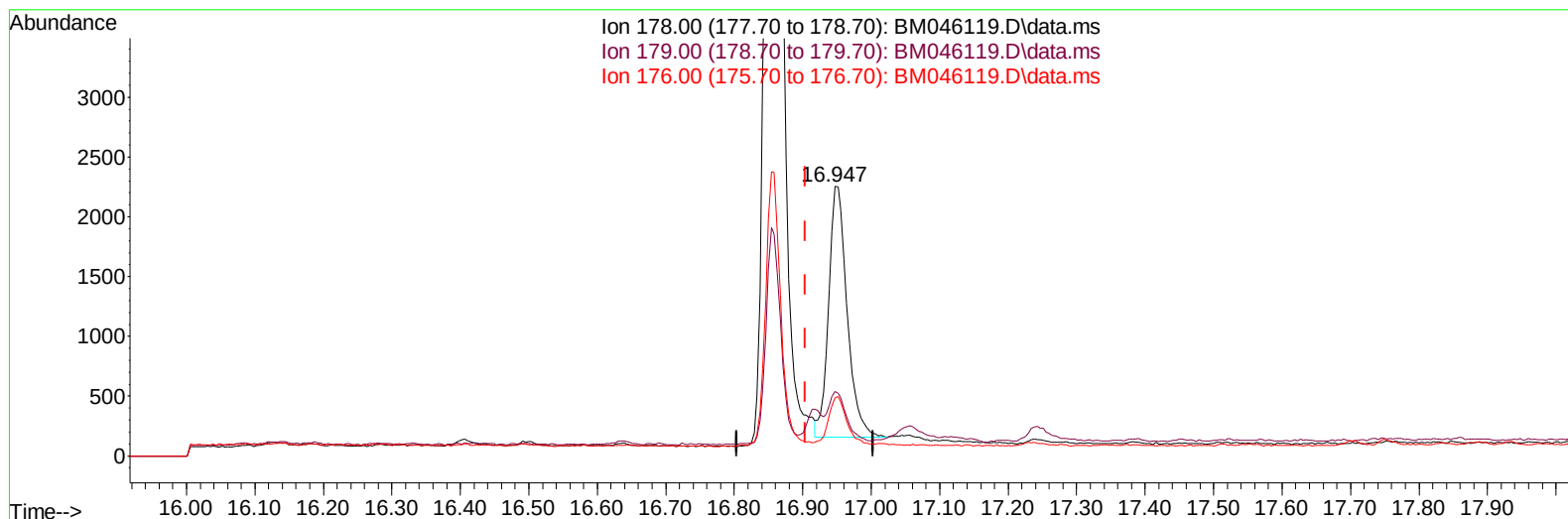
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
 Data File : BM046119.D
 Acq On : 20 Jun 2024 12:41
 Operator : MA/JU
 Sample : P2710-11
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BM0

Manual IntegrationsAPPROVED

Quant Time: Jun 20 13:14:08 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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TIC: BM046119.D\data.ms

(15) Phenanthrene

16.947min (+ 0.044) 0.18 ng/ul

response 3918

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.70	23.97#
176.00	21.40	21.53
0.00	0.00	0.00

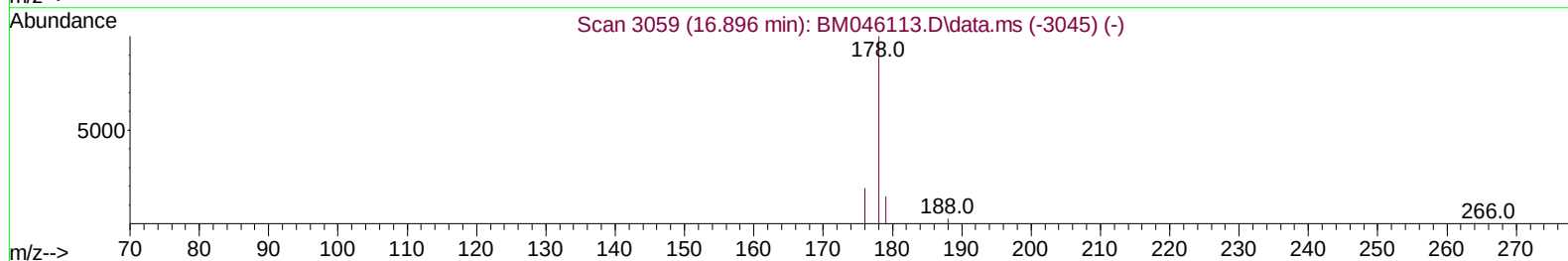
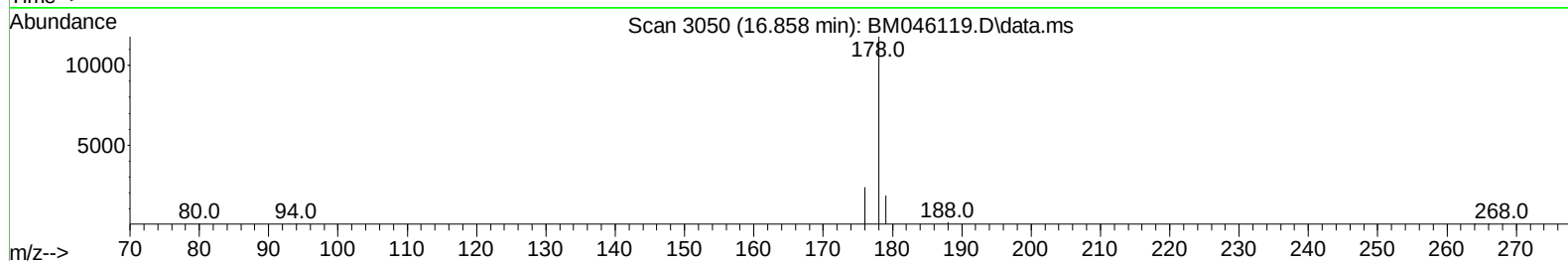
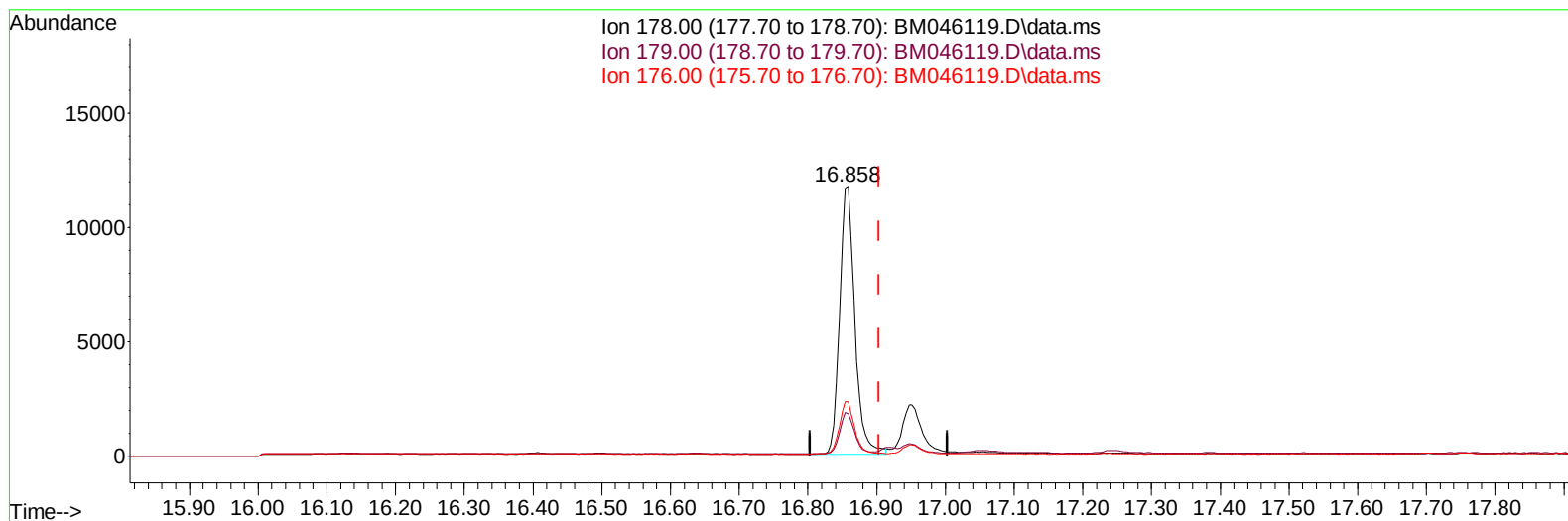
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046119.D
Acq On : 20 Jun 2024 12:41
Operator : MA/JU
Sample : P2710-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BM0

Manual IntegrationsAPPROVED

Quant Time: Jun 20 13:14:08 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: BM046119.D\data.ms

(15) Phenanthrene

16.858min (-0.045) 0.85 ng/ul m

response 18067

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.70	15.73
176.00	21.40	20.10
0.00	0.00	0.00

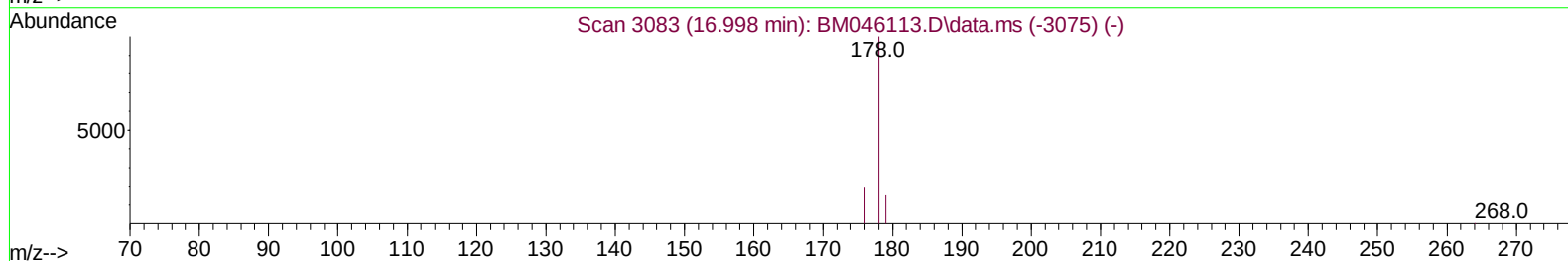
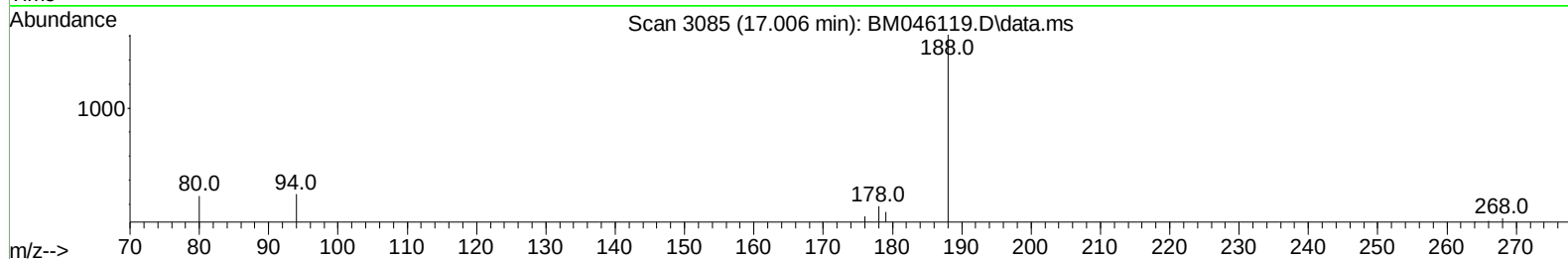
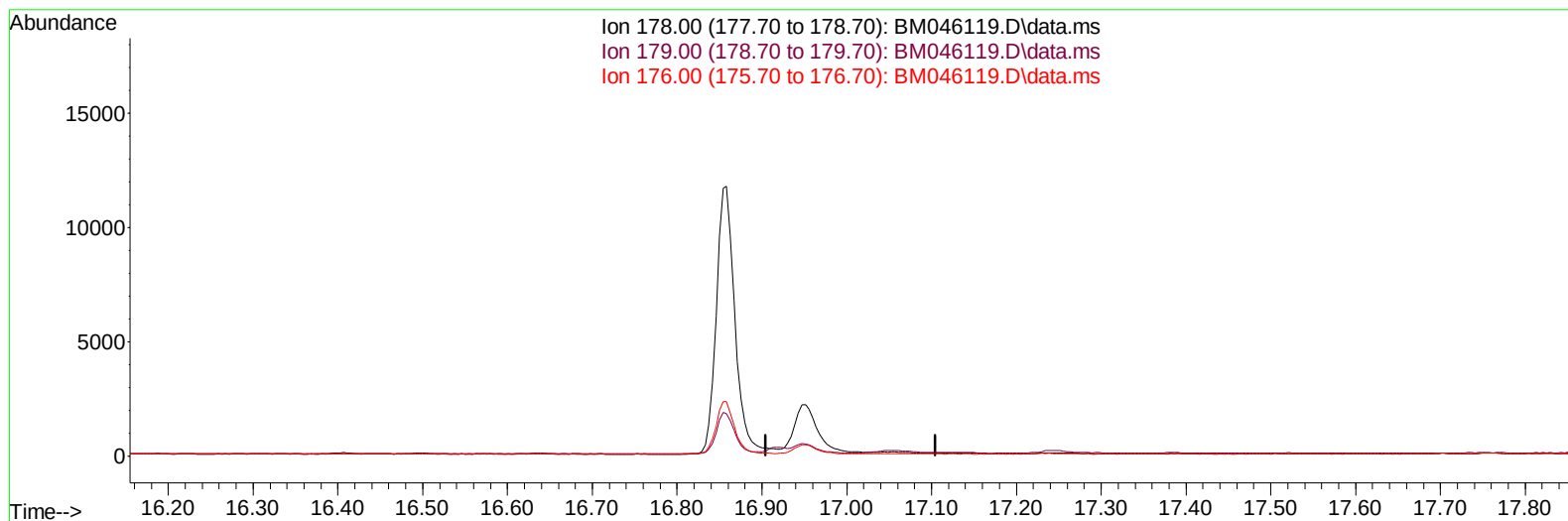
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046119.D
Acq On : 20 Jun 2024 12:41
Operator : MA/JU
Sample : P2710-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BM0

Manual IntegrationsAPPROVED

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TIC: BM046119.D\data.ms

(16) Anthracene

17.005min (-17.005) 0.00 ng/u1

response 0

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

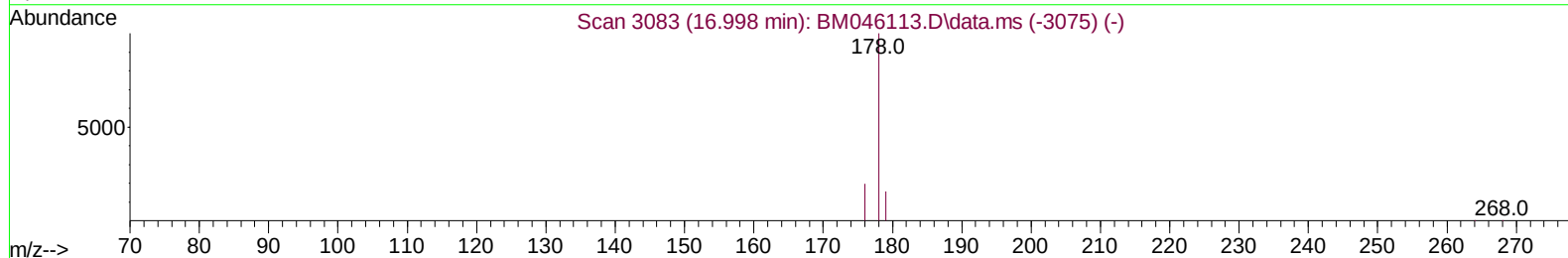
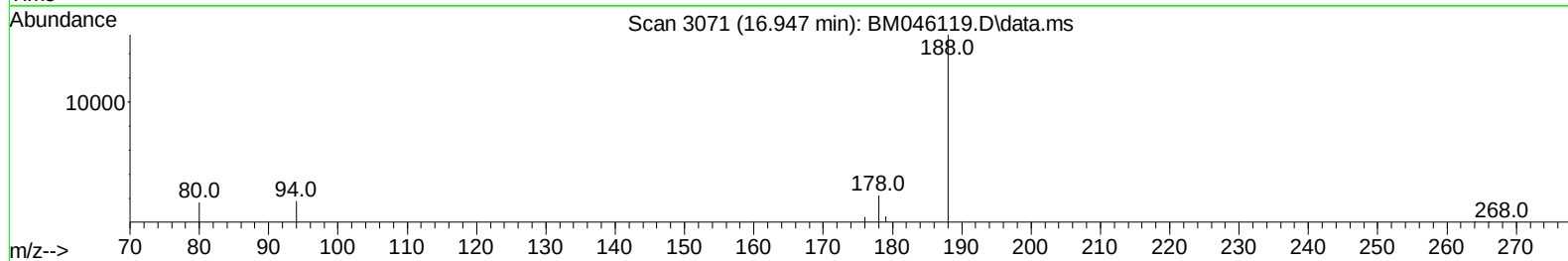
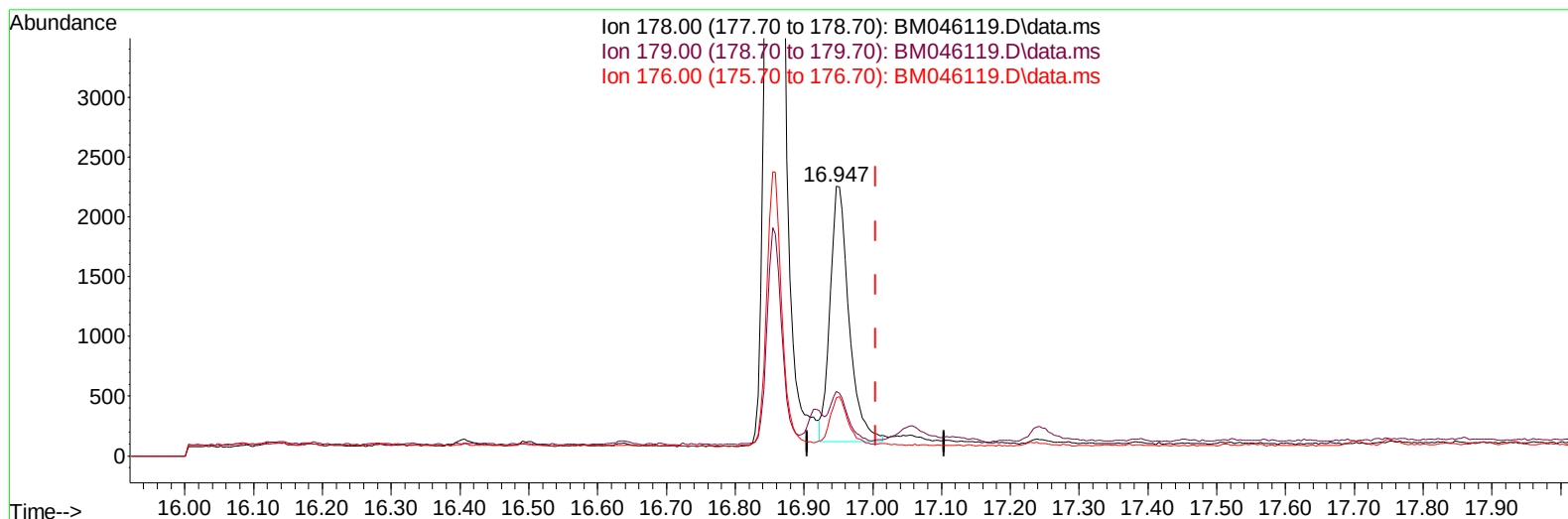
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046119.D
Acq On : 20 Jun 2024 12:41
Operator : MA/JU
Sample : P2710-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BM0

Manual IntegrationsAPPROVED

Quant Time: Jun 20 13:14:08 2024
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TIC: BM046119.D\data.ms

(16) Anthracene

16.947min (-0.058) 0.26 ng/ul m

response 4086

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	18.60	23.97#
176.00	21.20	21.53
0.00	0.00	0.00

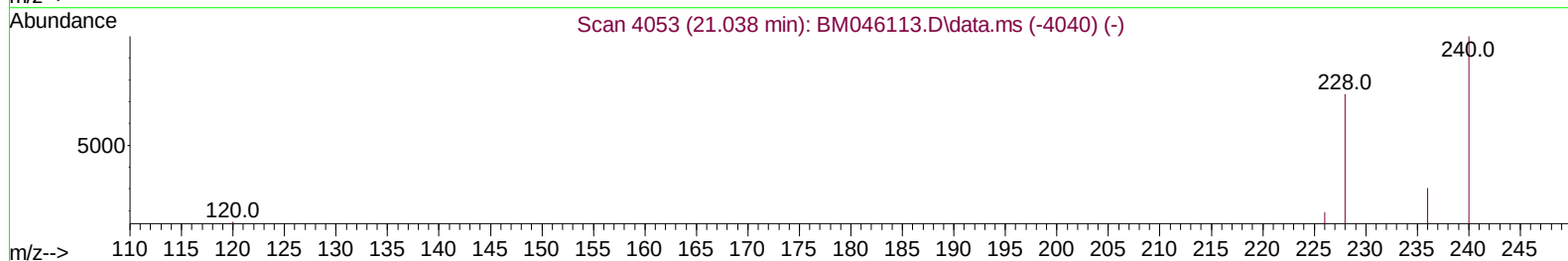
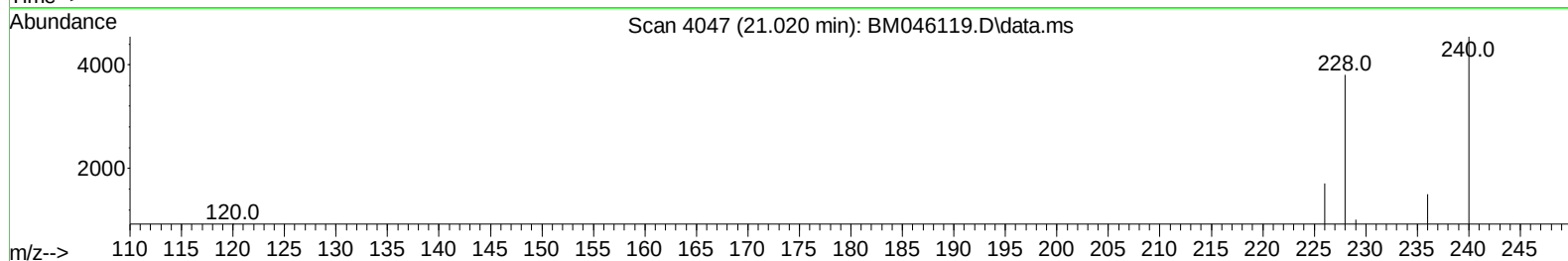
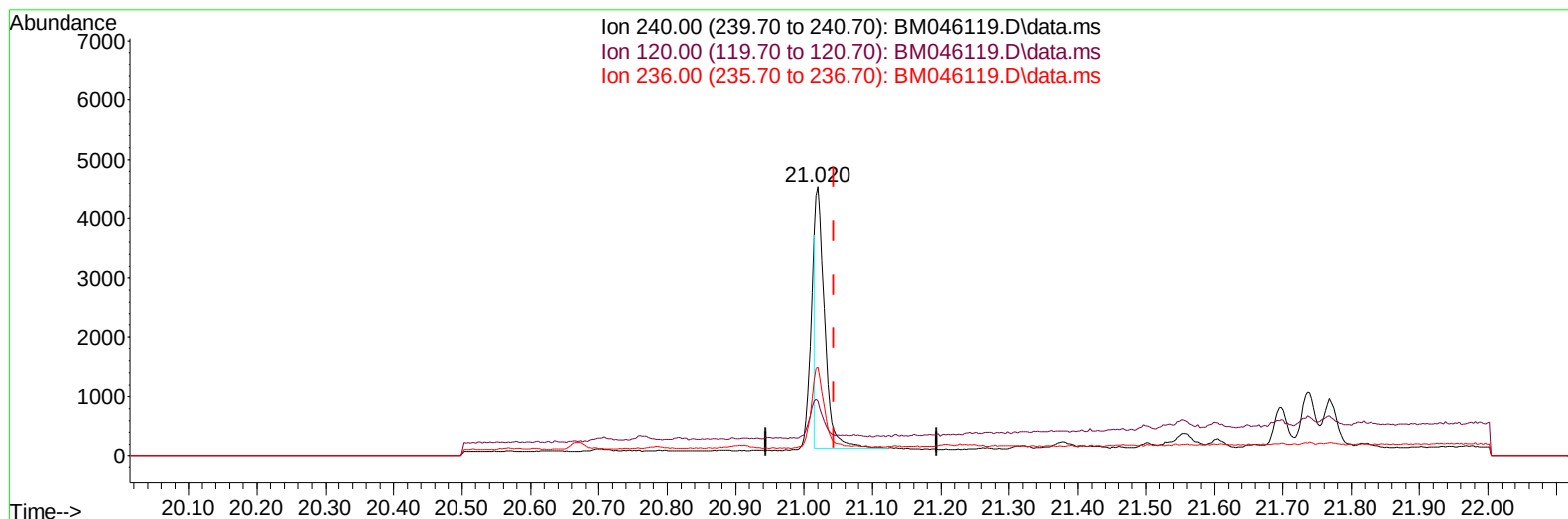
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046119.D
Acq On : 20 Jun 2024 12:41
Operator : MA/JU
Sample : P2710-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BM0

Manual IntegrationsAPPROVED

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TIC: BM046119.D\data.ms

(17) Chrysene-d12

21.020min (-0.024) 0.40 ng/u1

response 4186

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	23.50	20.34
236.00	33.60	32.94
0.00	0.00	0.00

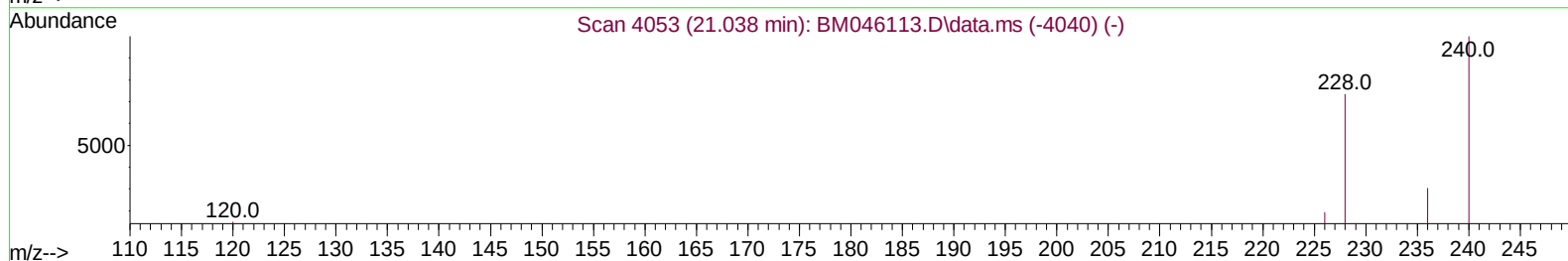
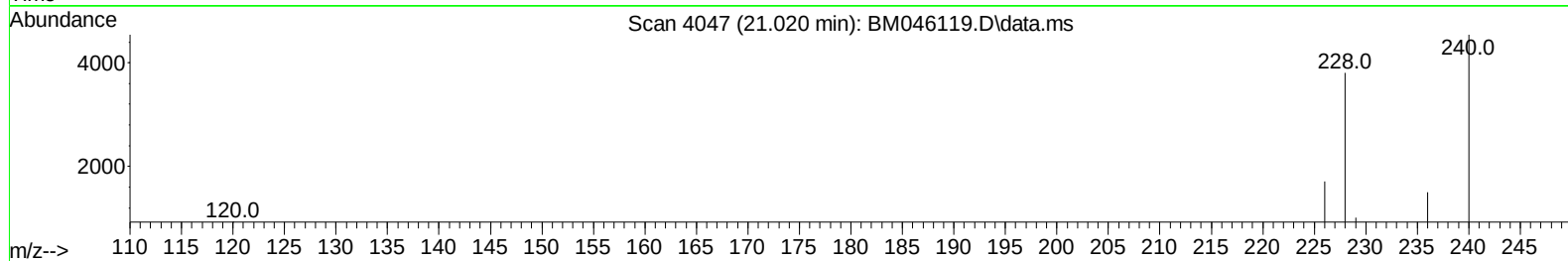
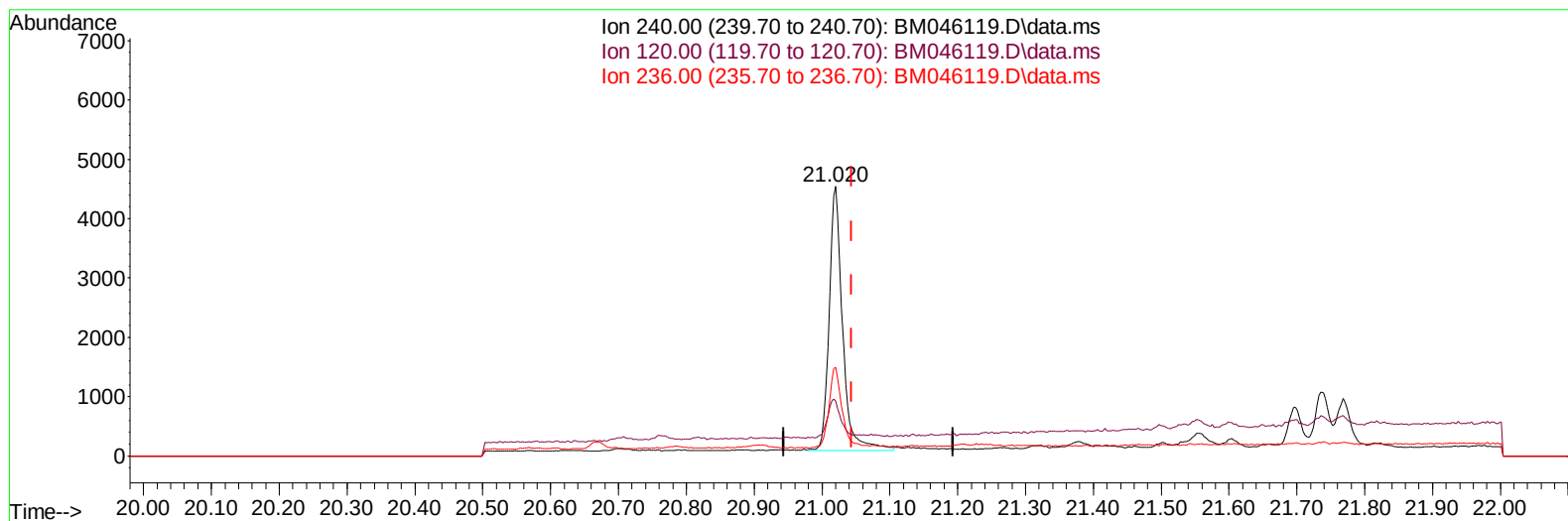
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046119.D
Acq On : 20 Jun 2024 12:41
Operator : MA/JU
Sample : P2710-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BM0

Manual IntegrationsAPPROVED

Quant Time: Jun 20 13:14:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
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TIC: BM046119.D\data.ms

(17) Chrysene-d12

21.020min (-0.024) 0.40 ng/ul m

response 6146

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	23.50	20.34
236.00	33.60	32.94
0.00	0.00	0.00

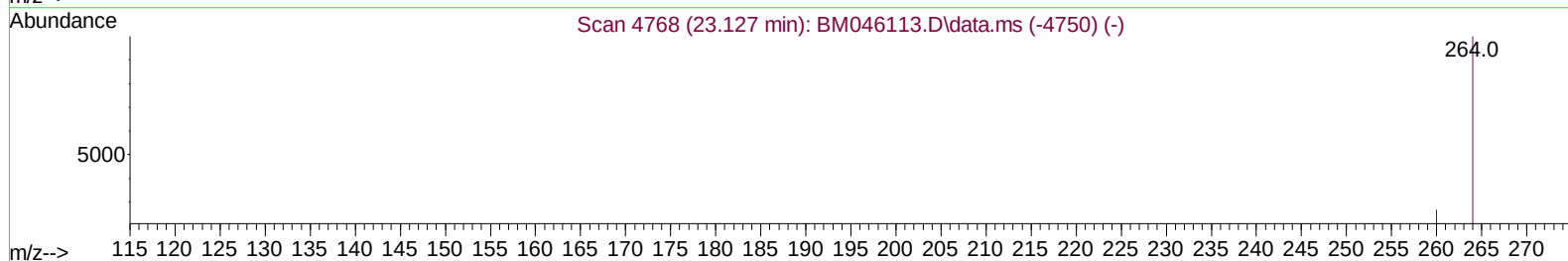
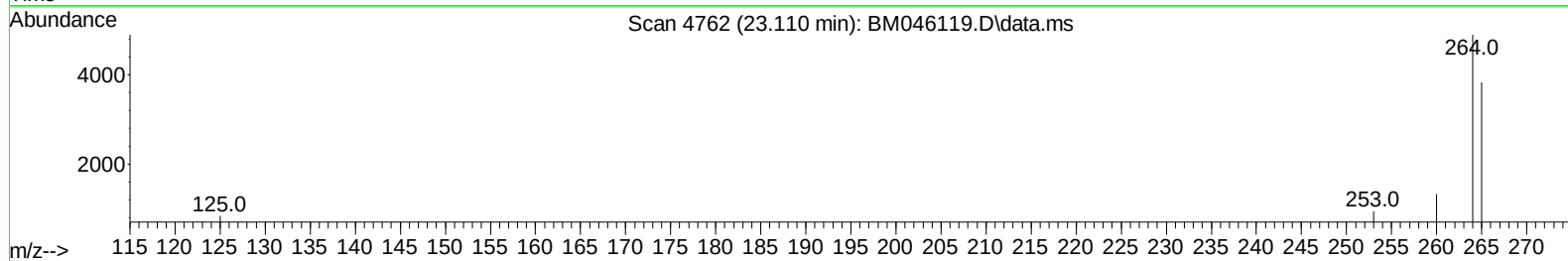
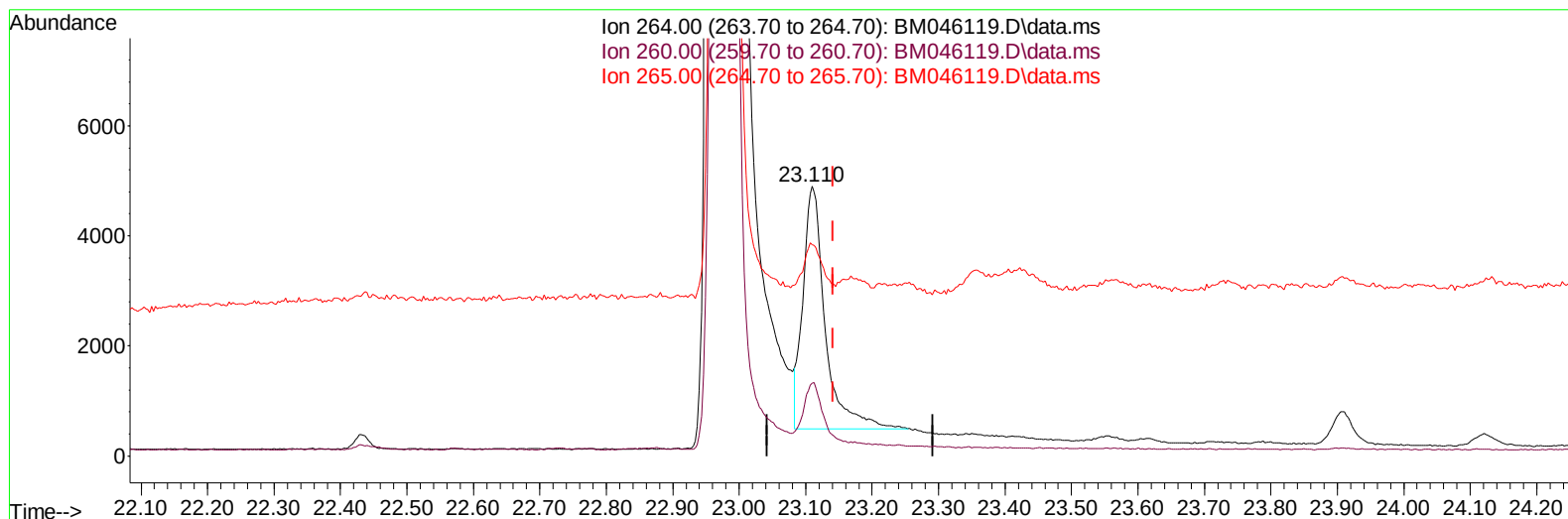
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046119.D
Acq On : 20 Jun 2024 12:41
Operator : MA/JU
Sample : P2710-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BM0

Manual IntegrationsAPPROVED

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TIC: BM046119.D\data.ms

(23) Perylene-d12 (I)

23.110min (-0.033) 0.40 ng/u1

response 10266

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	28.20	26.97
265.00	110.60	78.32#
0.00	0.00	0.00

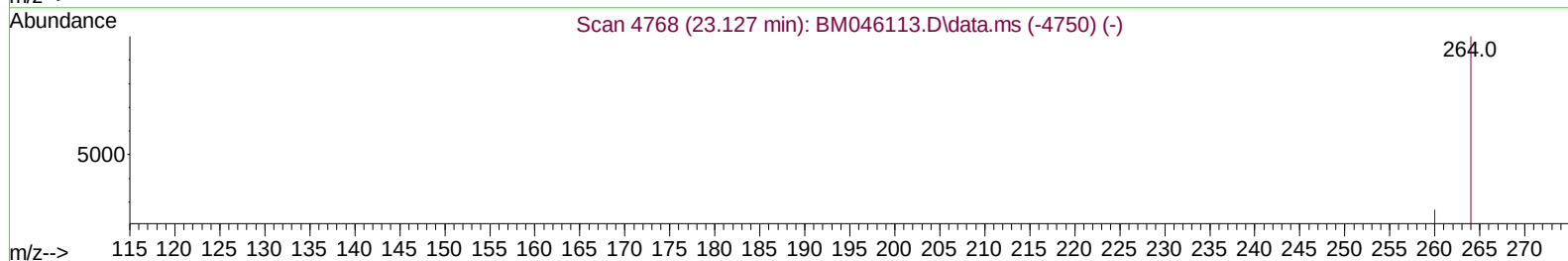
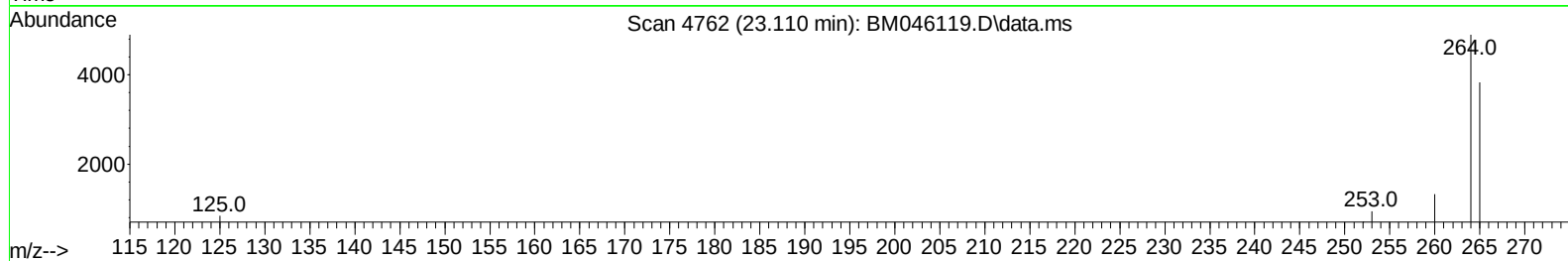
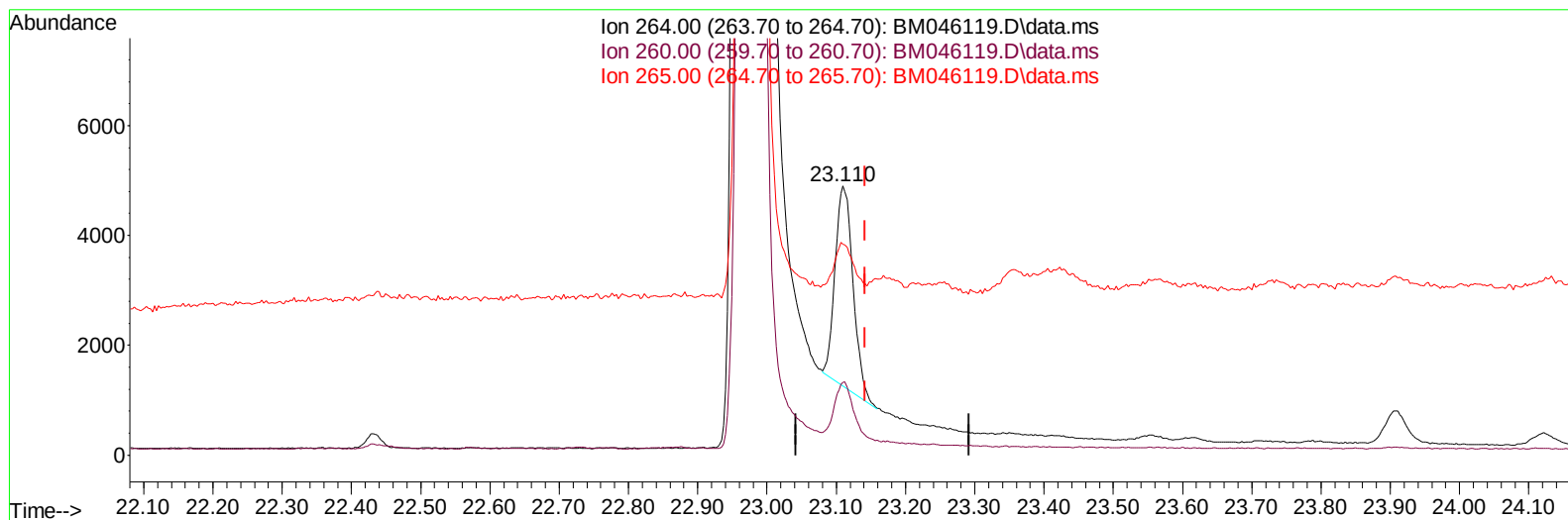
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046119.D
Acq On : 20 Jun 2024 12:41
Operator : MA/JU
Sample : P2710-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BM0

Manual IntegrationsAPPROVED

Quant Time: Jun 20 13:14:08 2024
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TIC: BM046119.D\data.ms

(23) Perylene-d12 (I)

23.110min (-0.033) 0.40 ng/ul m

response 6520

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	28.20	26.97
265.00	110.60	78.32#
0.00	0.00	0.00

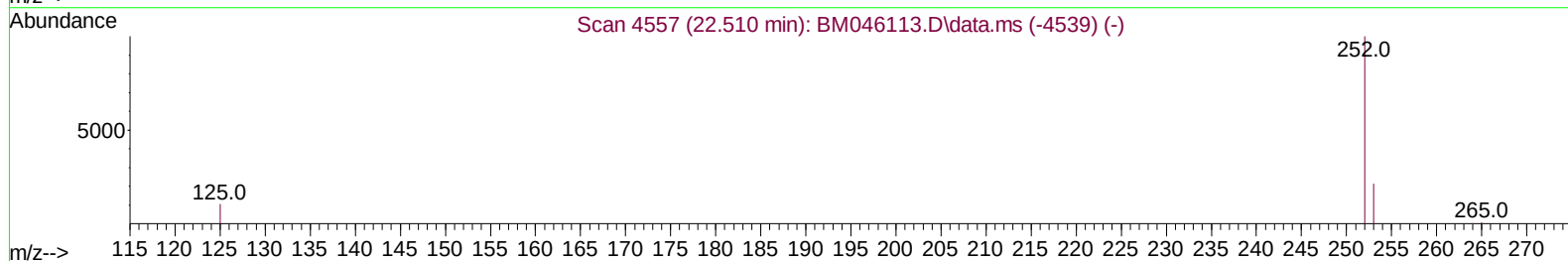
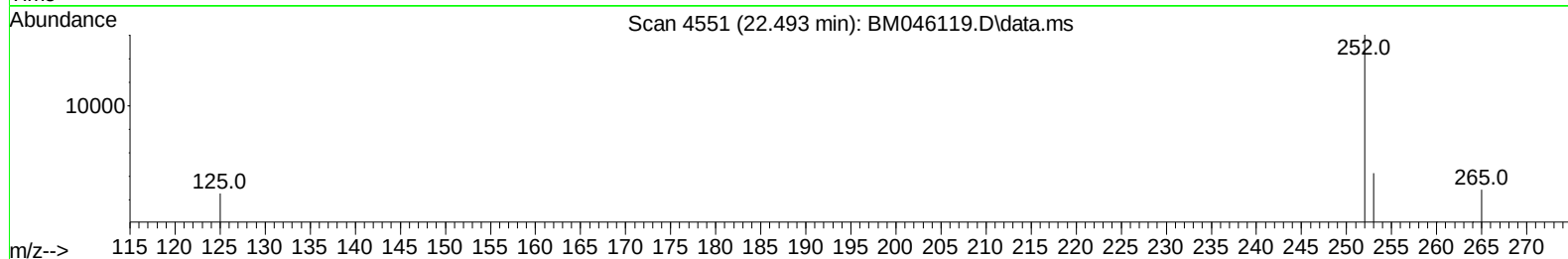
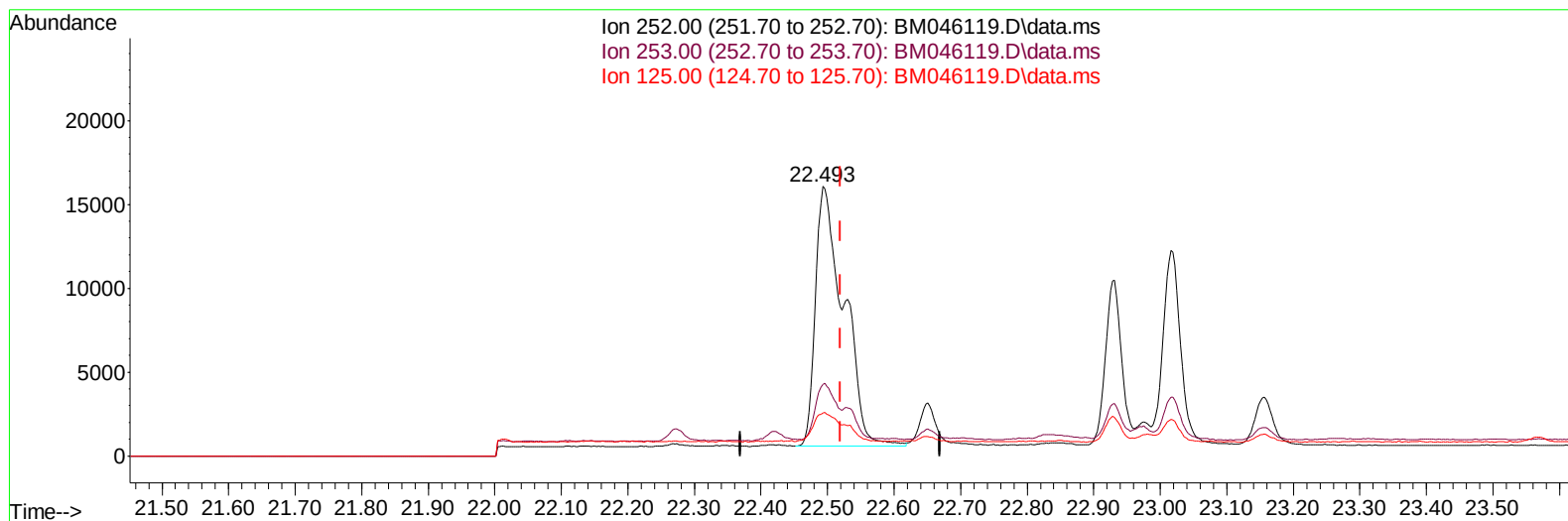
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046119.D
Acq On : 20 Jun 2024 12:41
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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BM046119.D\data.ms

(24) Benzo(b)fluoranthene

22.493min (-0.027) 1.93 ng/u l

response 45291

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.90	26.56
125.00	20.10	15.97
0.00	0.00	0.00

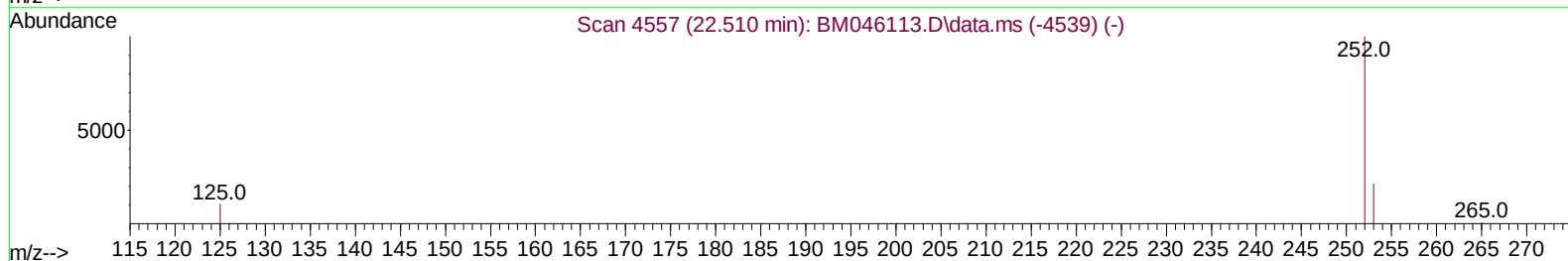
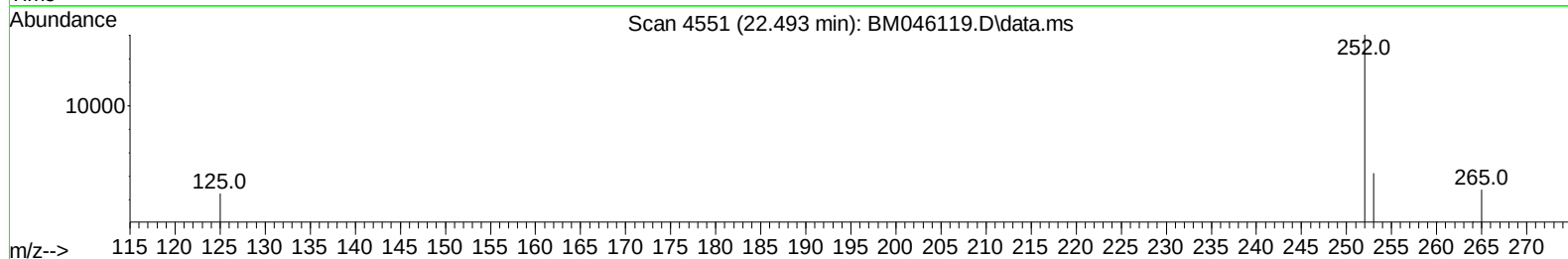
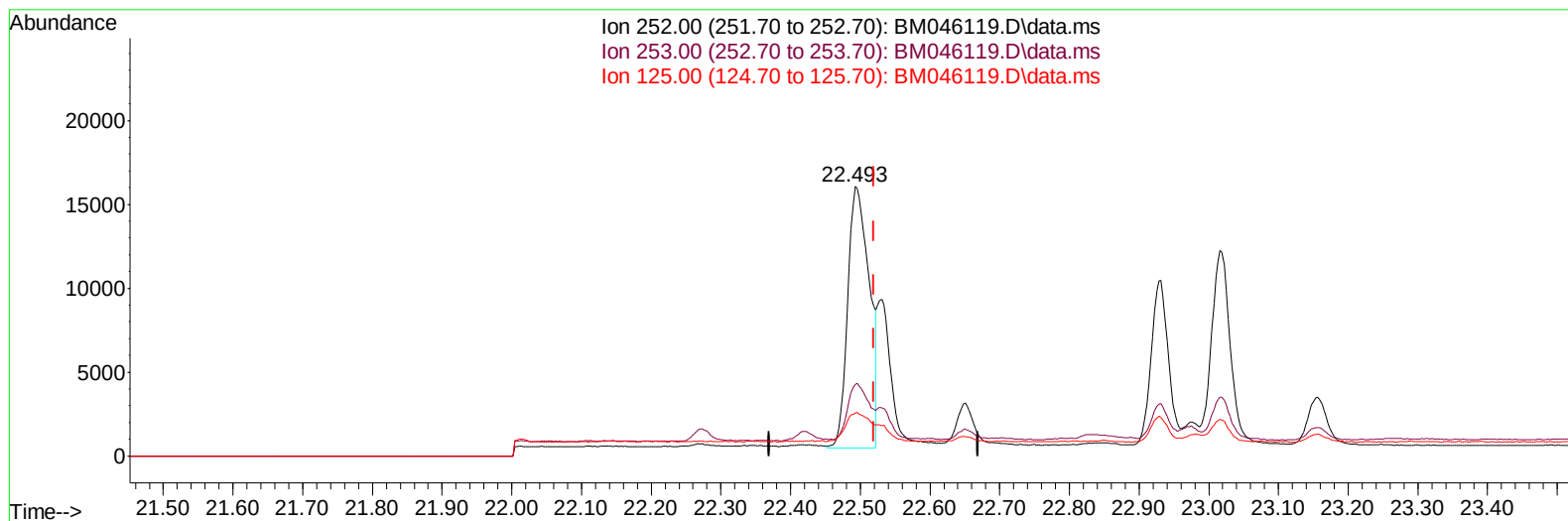
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046119.D
Acq On : 20 Jun 2024 12:41
Operator : MA/JU
Sample : P2710-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BM0

Manual IntegrationsAPPROVED

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TIC: BM046119.D\data.ms

(24) Benzo(b)fluoranthene

22.493min (-0.027) 1.43 ng/ul m

response 33566

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.90	26.56
125.00	20.10	15.97
0.00	0.00	0.00

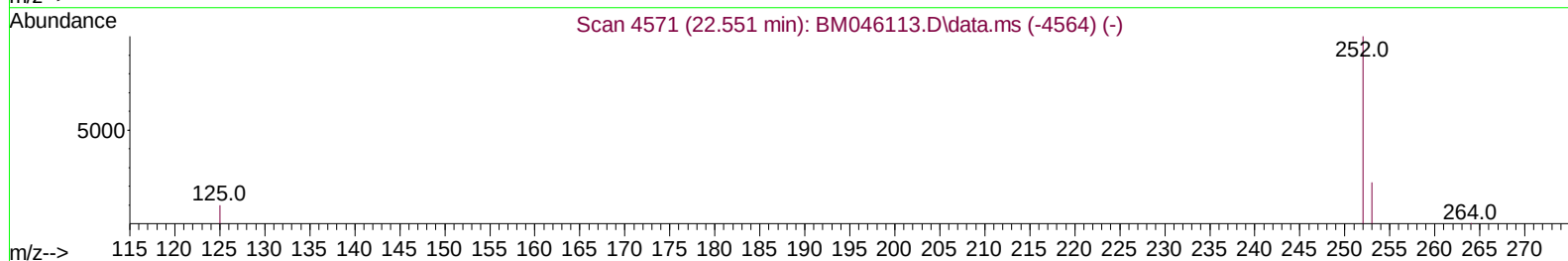
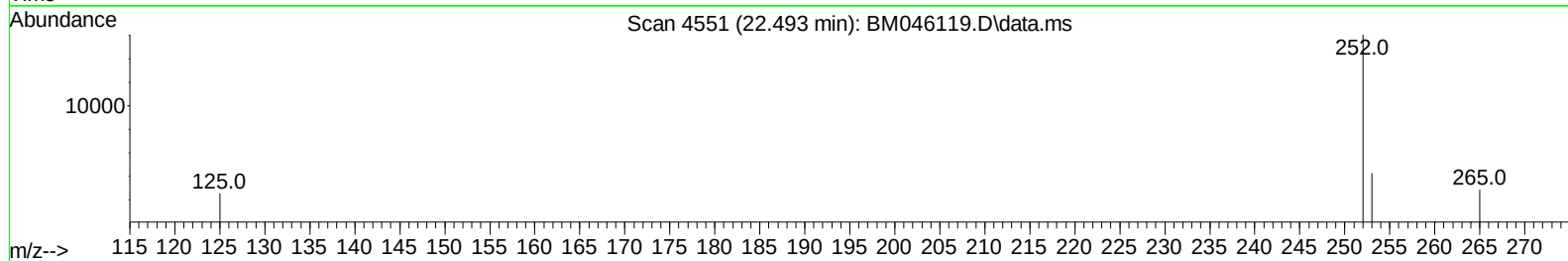
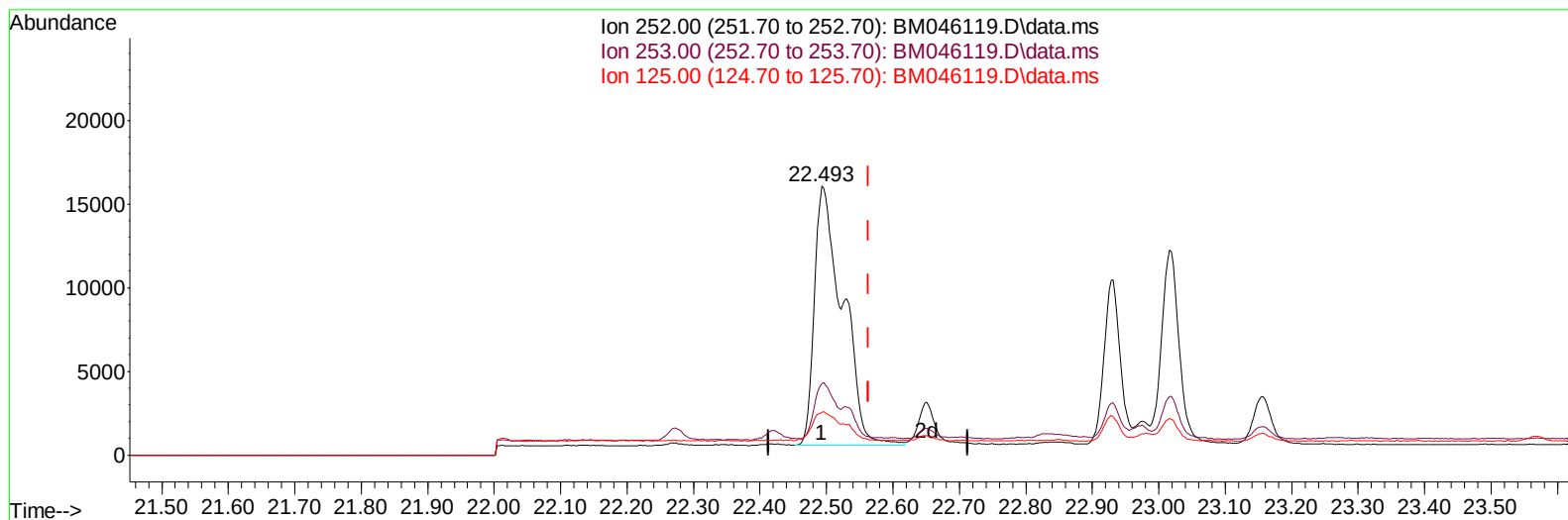
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046119.D
Acq On : 20 Jun 2024 12:41
Operator : MA/JU
Sample : P2710-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BM0

Manual IntegrationsAPPROVED

Quant Time: Jun 20 13:14:08 2024
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TIC: BM046119.D\data.ms

(25) Benzo(k)fluoranthene

22.493min (-0.071) 1.62 ng/u1

response 45291

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	26.56#
125.00	20.80	15.97#
0.00	0.00	0.00

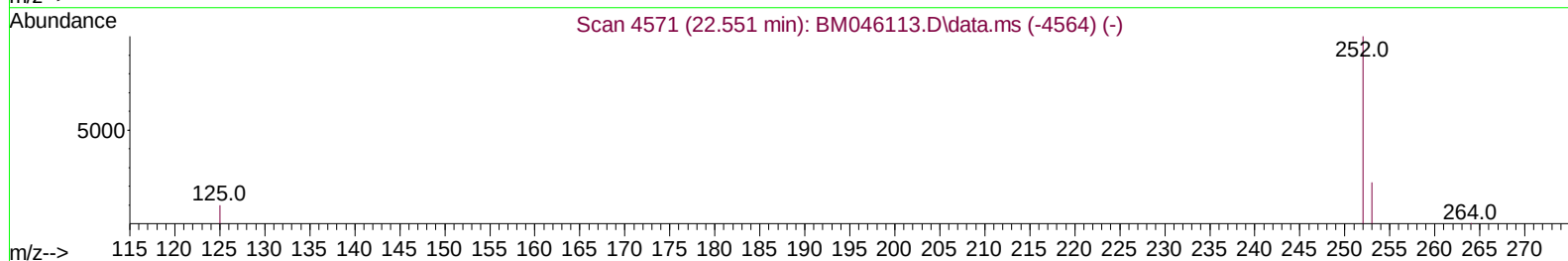
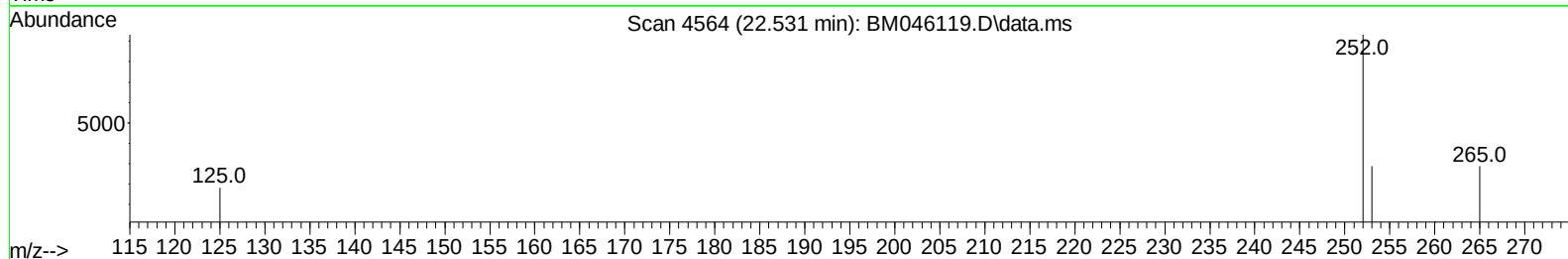
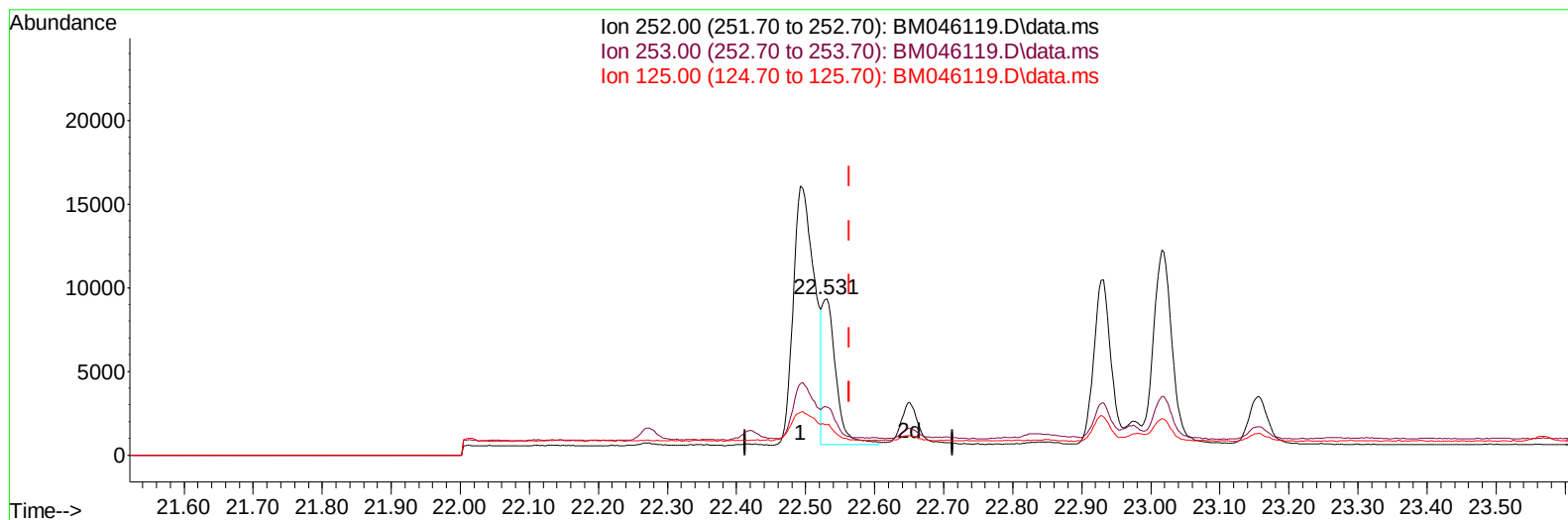
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046119.D
Acq On : 20 Jun 2024 12:41
Operator : MA/JU
Sample : P2710-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BM0

Manual IntegrationsAPPROVED

Quant Time: Jun 20 13:14:08 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: BM046119.D\data.ms

(25) Benzo(k)fluoranthene

22.531min (-0.033) 0.43 ng/ul m

response 11955

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	30.79
125.00	20.80	19.53
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	7.426	152	2315	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.200	136	6632	0.400	ng/ul	-0.05
9) Acenaphthene-d10	14.076	164	3600	0.400	ng/ul	-0.04
13) Phenanthrene-d10	16.816	188	7581m	0.400	ng/ul	-0.05
17) Chrysene-d12	21.020	240	6146m	0.400	ng/ul	-0.02
23) Perylene-d12	23.110	264	6520m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.033	96	12865	4.051	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.827	152	2271	0.255	ng/ul	-0.04
18) Fluoranthene-d10	18.849	212	4796	0.261	ng/ul	-0.04
Target Compounds						Qvalue
5) Naphthalene	10.244	128	711	0.038	ng/ul#	73
7) 2-Methylnaphthalene	11.910	142	218	0.021	ng/ul	89
10) Acenaphthylene	13.790	152	2407	0.141	ng/ul#	92
11) Acenaphthene	14.137	153	735	0.060	ng/ul	95
12) Fluorene	15.127	166	870	0.066	ng/ul#	94
15) Phenanthrene	16.858	178	18067m	0.848	ng/ul	
16) Anthracene	16.947	178	4086m	0.258	ng/ul	
19) Fluoranthene	18.881	202	41706	1.567	ng/ul	97
20) Pyrene	19.244	202	36977	1.285	ng/ul	96
21) Benzo(a)anthracene	21.003	228	18041	0.760	ng/ul	98
22) Chrysene	21.052	228	20222	0.667	ng/ul	99
24) Benzo(b)fluoranthene	22.493	252	33566m	1.429	ng/ul	
25) Benzo(k)fluoranthene	22.531	252	11955m	0.428	ng/ul	
26) Benzo(a)pyrene	23.016	252	21452	0.986	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	25.162	276	18800	0.528	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.158	278	4052	0.153	ng/ul#	80
29) Benzo(g,h,i)perylene	25.782	276	18925	0.620	ng/ul	98

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

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