

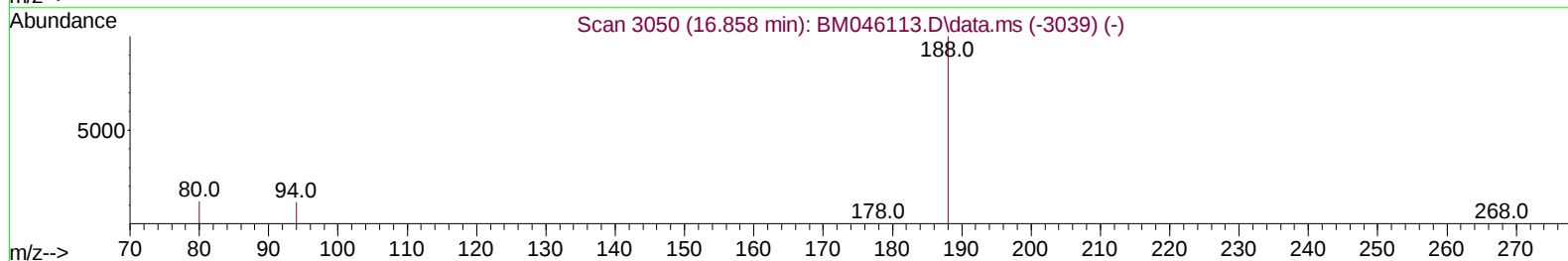
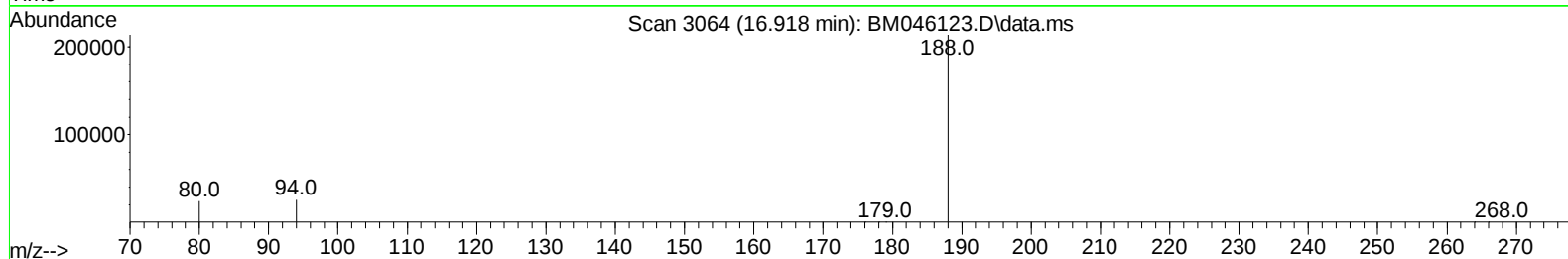
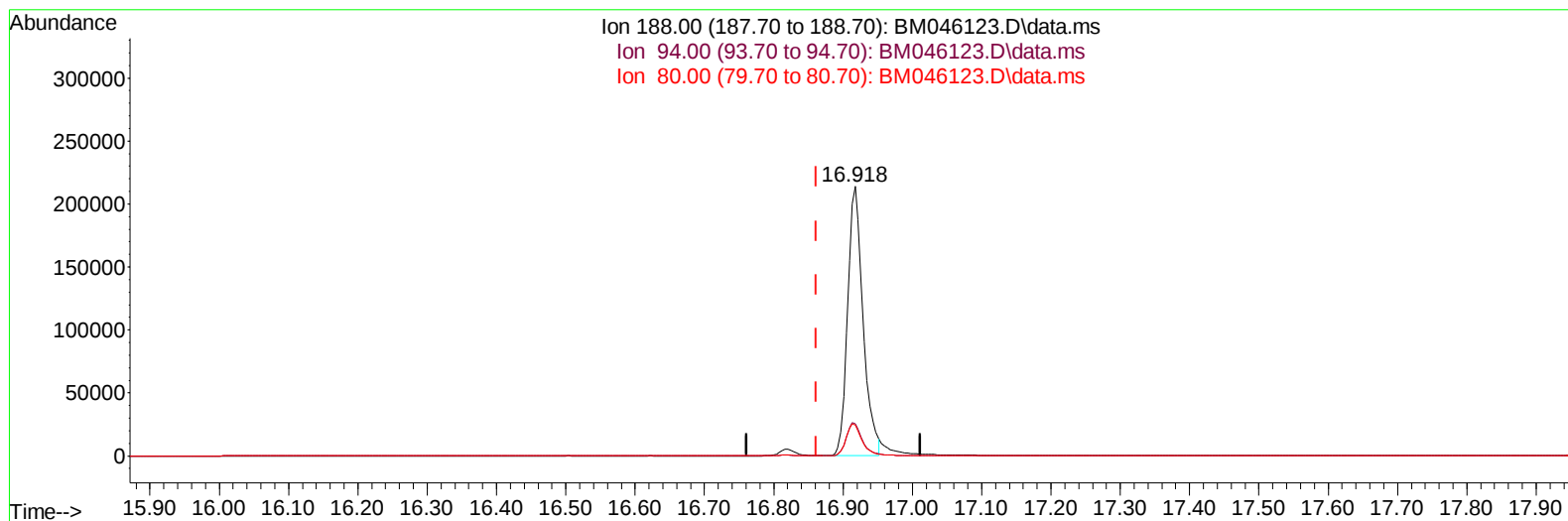
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046123.D
Acq On : 20 Jun 2024 15:07
Operator : MA/JU
Sample : P2710-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BL9

Manual IntegrationsAPPROVED

Quant Time: Jun 20 16:03:11 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: BM046123.D\data.ms

(13) Phenanthrene-d10 (I)

16.918min (+ 0.056) 0.40 ng/u1

response 332551

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	13.80	12.01
80.00	15.20	11.38#
0.00	0.00	0.00

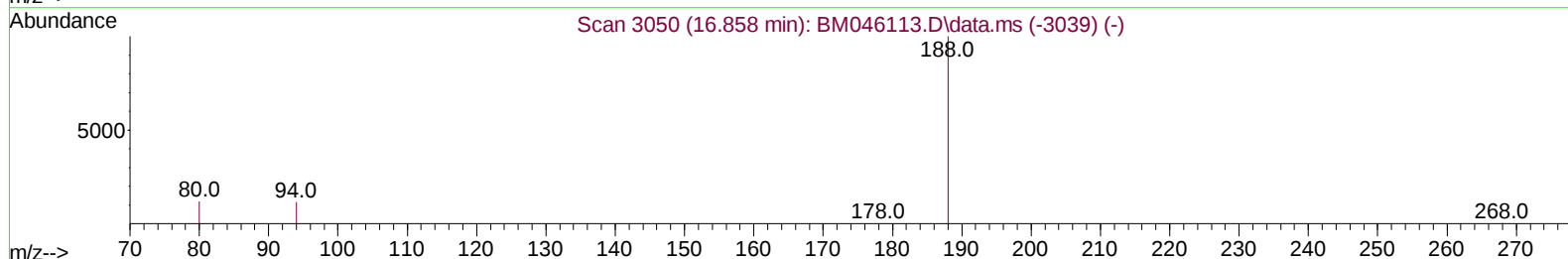
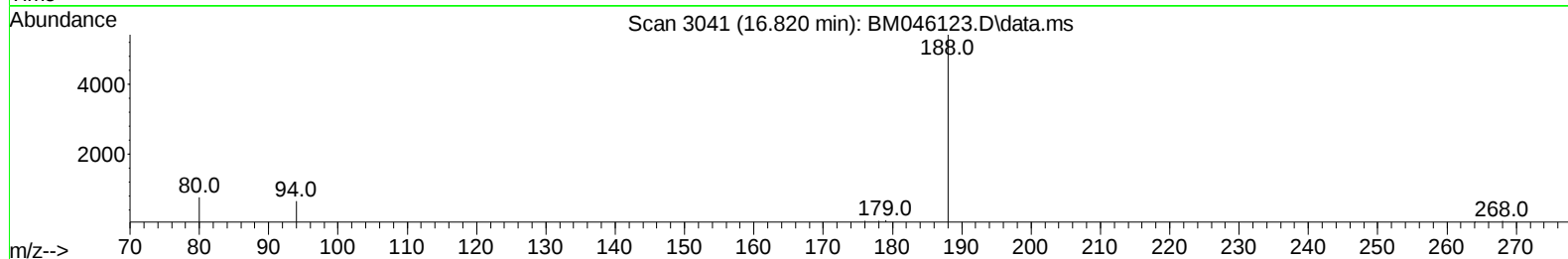
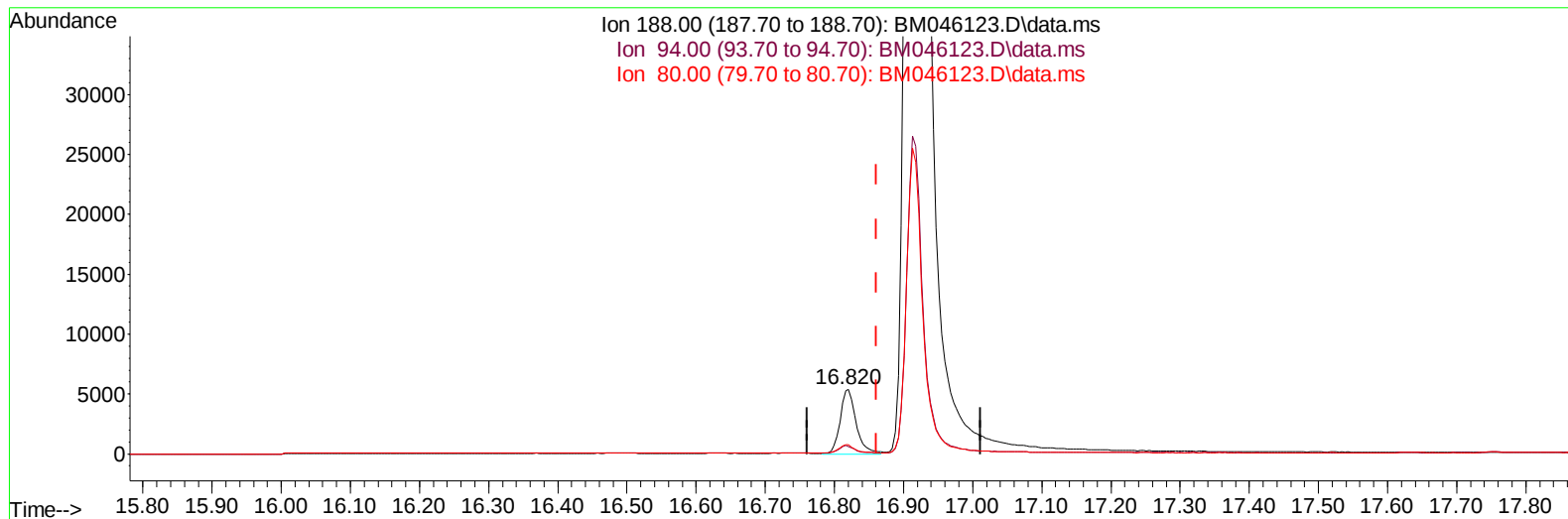
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046123.D
Acq On : 20 Jun 2024 15:07
Operator : MA/JU
Sample : P2710-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BL9

Manual IntegrationsAPPROVED

Quant Time: Jun 20 16:03:11 2024
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TIC: BM046123.D\data.ms

(13) Phenanthrene-d10 (I)

16.820min (-0.041) 0.40 ng/u1 m

response 8609

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	13.80	11.85
80.00	15.20	13.88
0.00	0.00	0.00

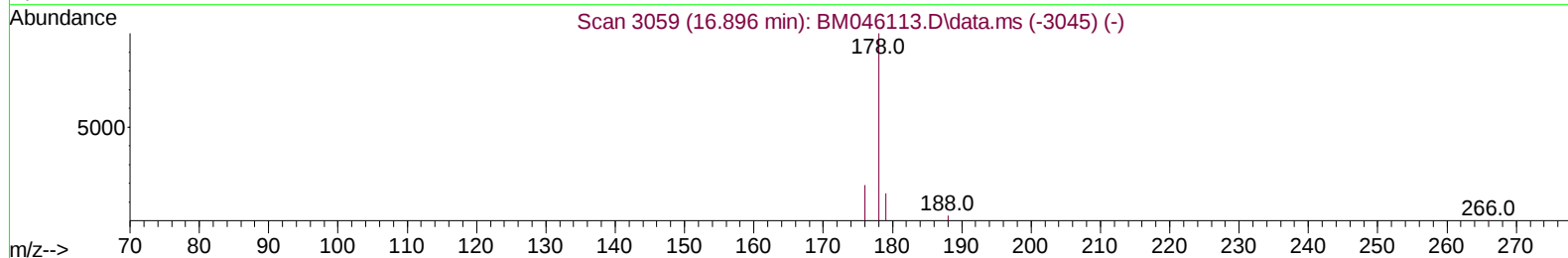
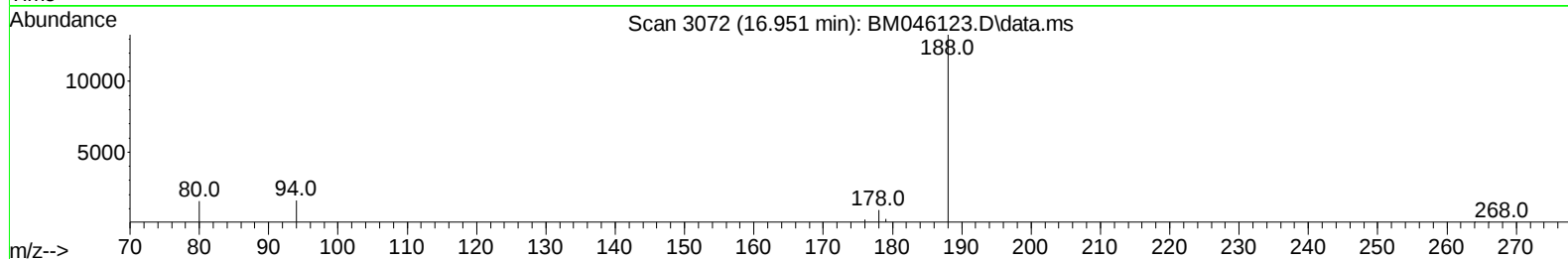
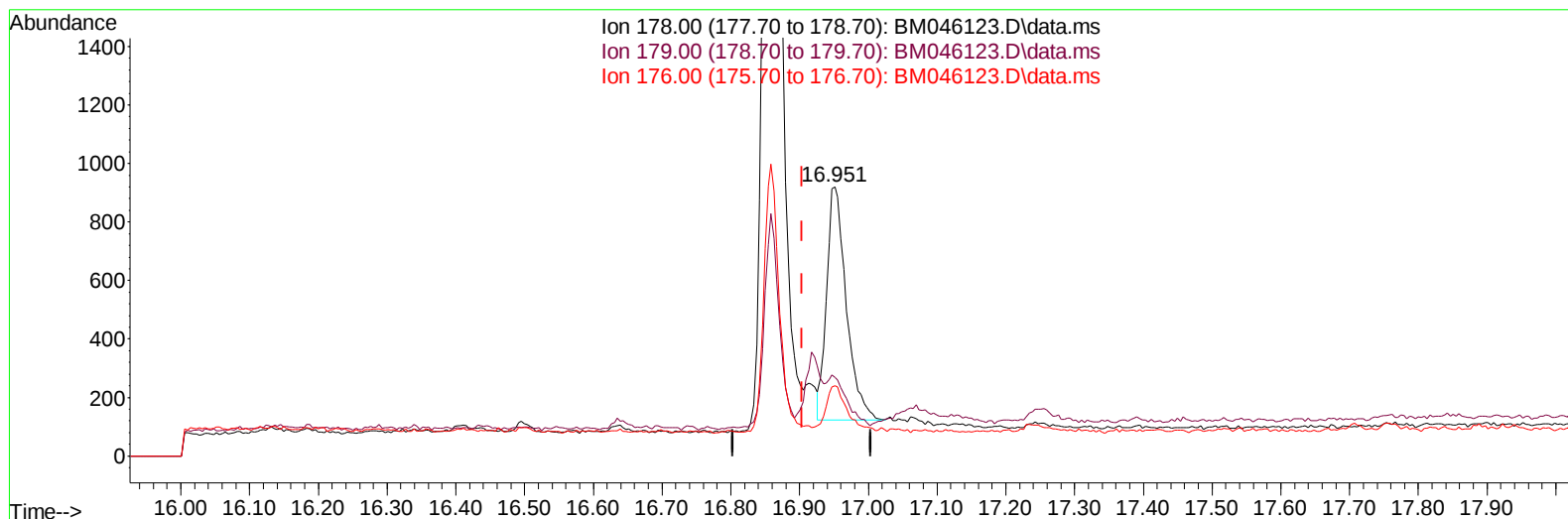
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046123.D
Acq On : 20 Jun 2024 15:07
Operator : MA/JU
Sample : P2710-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BL9

Manual IntegrationsAPPROVED

Quant Time: Jun 20 16:03:11 2024
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TIC: BM046123.D\data.ms

(15) Phenanthrene

16.951min (+ 0.048) 0.07 ng/u1

response 1582

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.70	29.21#
176.00	21.40	26.17#
0.00	0.00	0.00

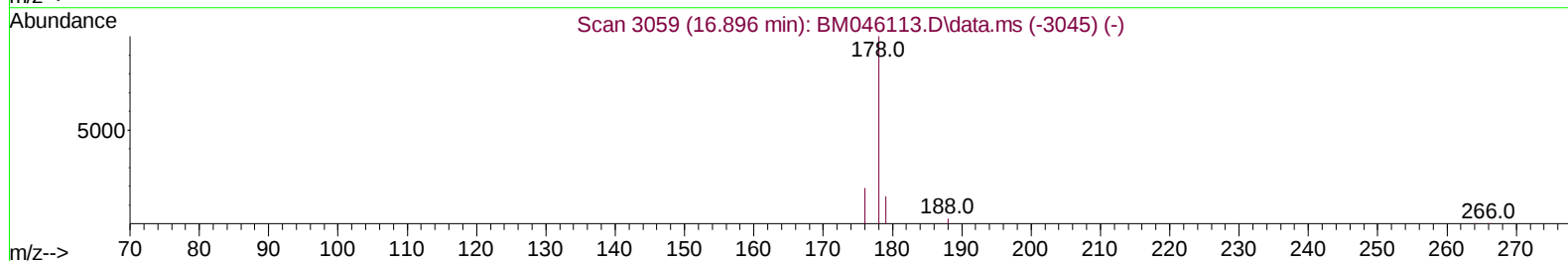
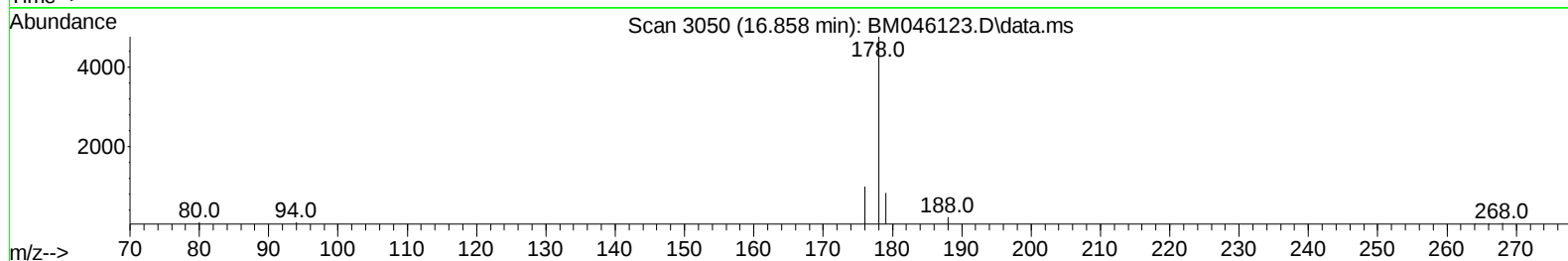
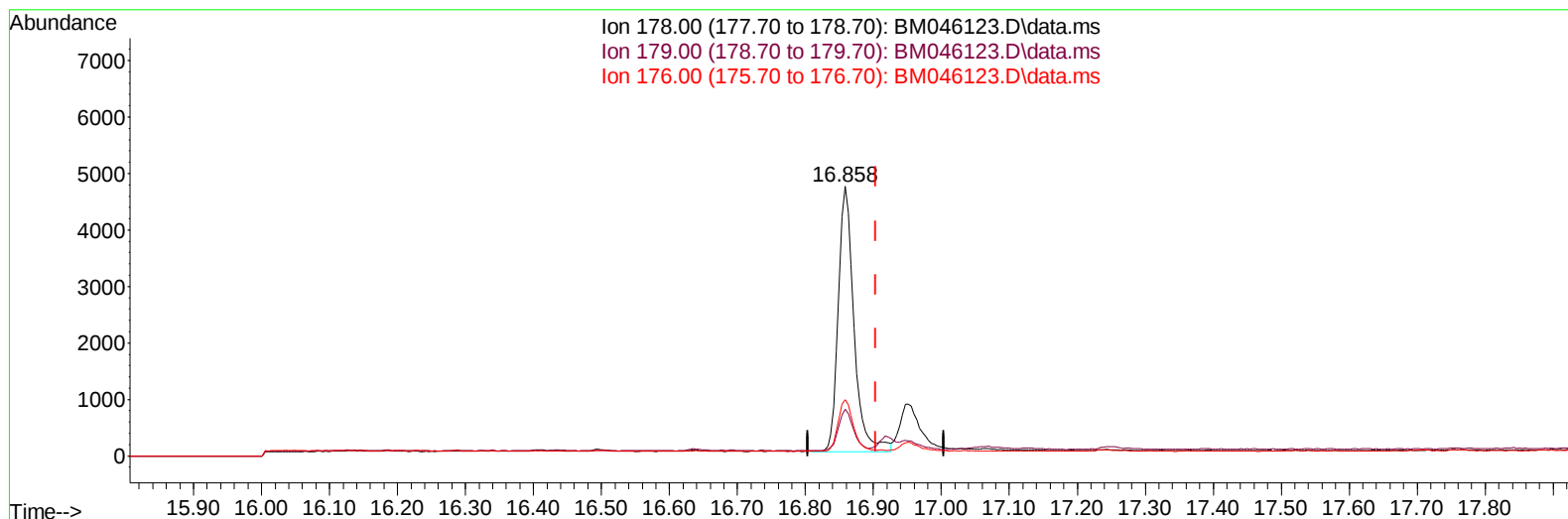
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
 Data File : BM046123.D
 Acq On : 20 Jun 2024 15:07
 Operator : MA/JU
 Sample : P2710-10
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BL9

Manual IntegrationsAPPROVED

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TIC: BM046123.D\data.ms

(15) Phenanthrene

16.858min (-0.045) 0.31 ng/ul m

response 7504

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.70	17.38
176.00	21.40	20.94
0.00	0.00	0.00

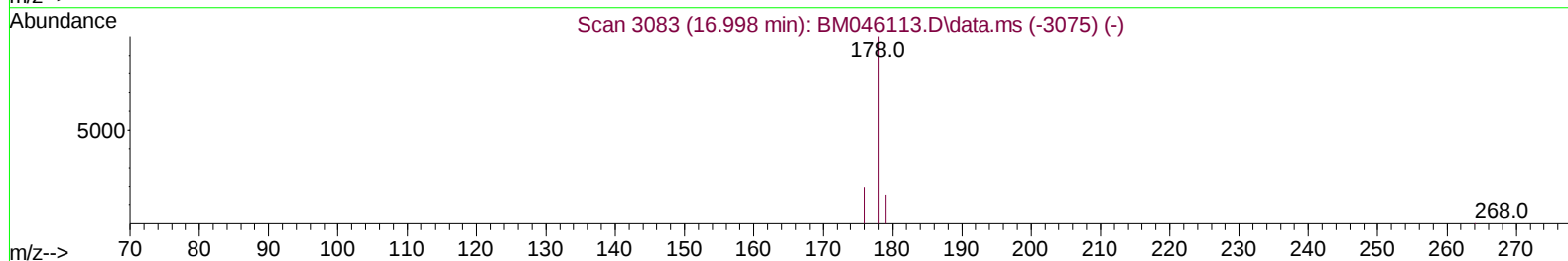
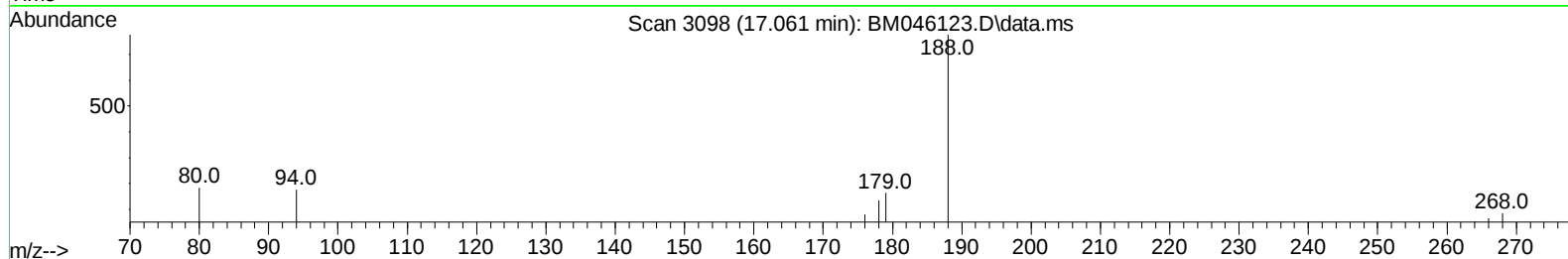
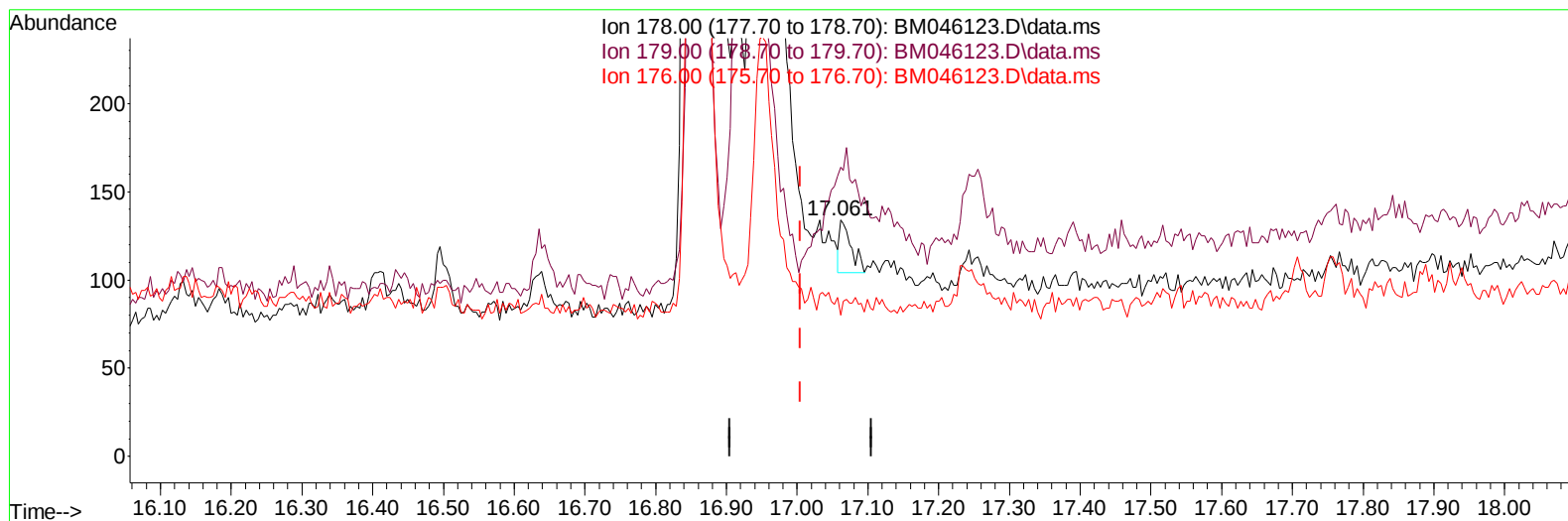
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046123.D
Acq On : 20 Jun 2024 15:07
Operator : MA/JU
Sample : P2710-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BL9

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TIC: BM046123.D\data.ms

(16) Anthracene

17.061min (+ 0.056) 0.00 ng/u1

response 35

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	18.60	122.39#
176.00	21.20	59.70#
0.00	0.00	0.00

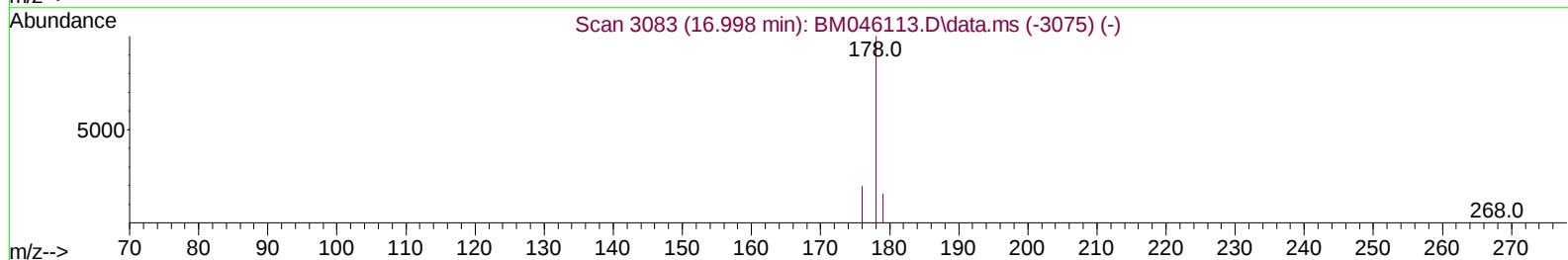
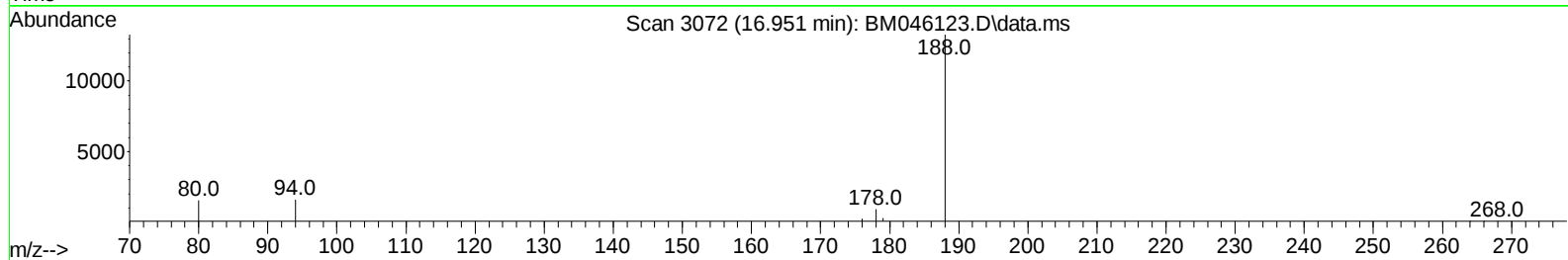
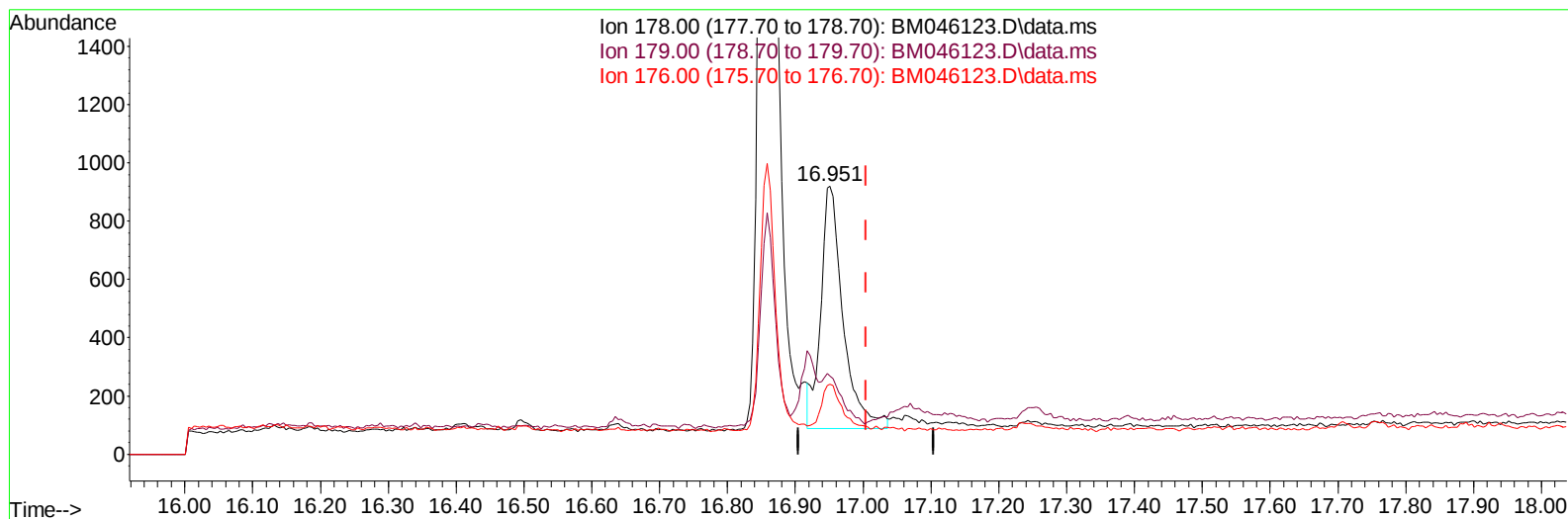
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046123.D
Acq On : 20 Jun 2024 15:07
Operator : MA/JU
Sample : P2710-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BL9

Manual IntegrationsAPPROVED

Quant Time: Jun 20 16:03:11 2024
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TIC: BM046123.D\data.ms

(16) Anthracene

16.951min (-0.053) 0.11 ng/ul m

response 1893

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	18.60	29.21#
176.00	21.20	26.17#
0.00	0.00	0.00

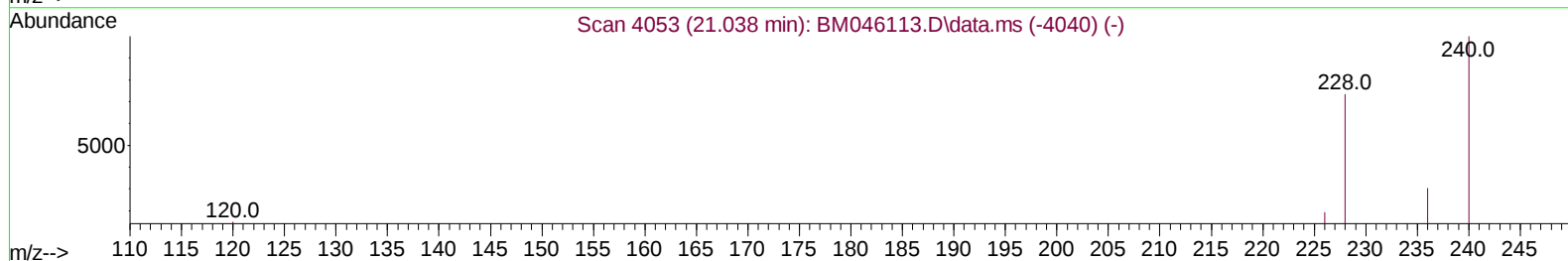
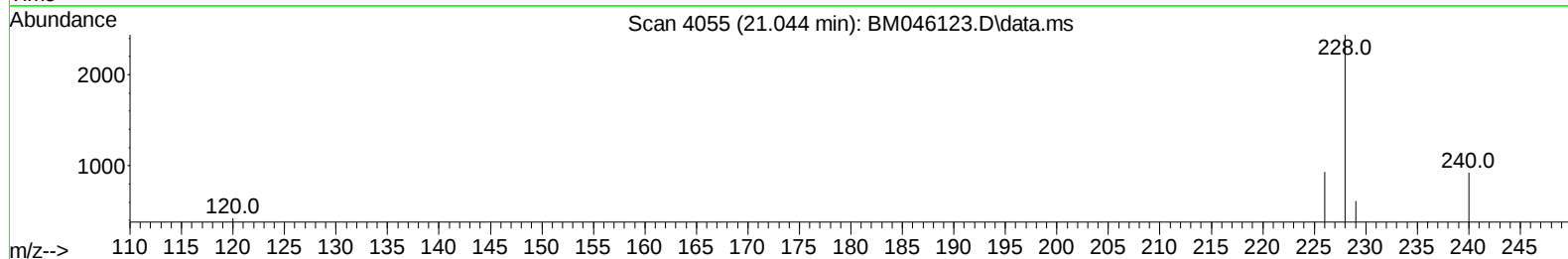
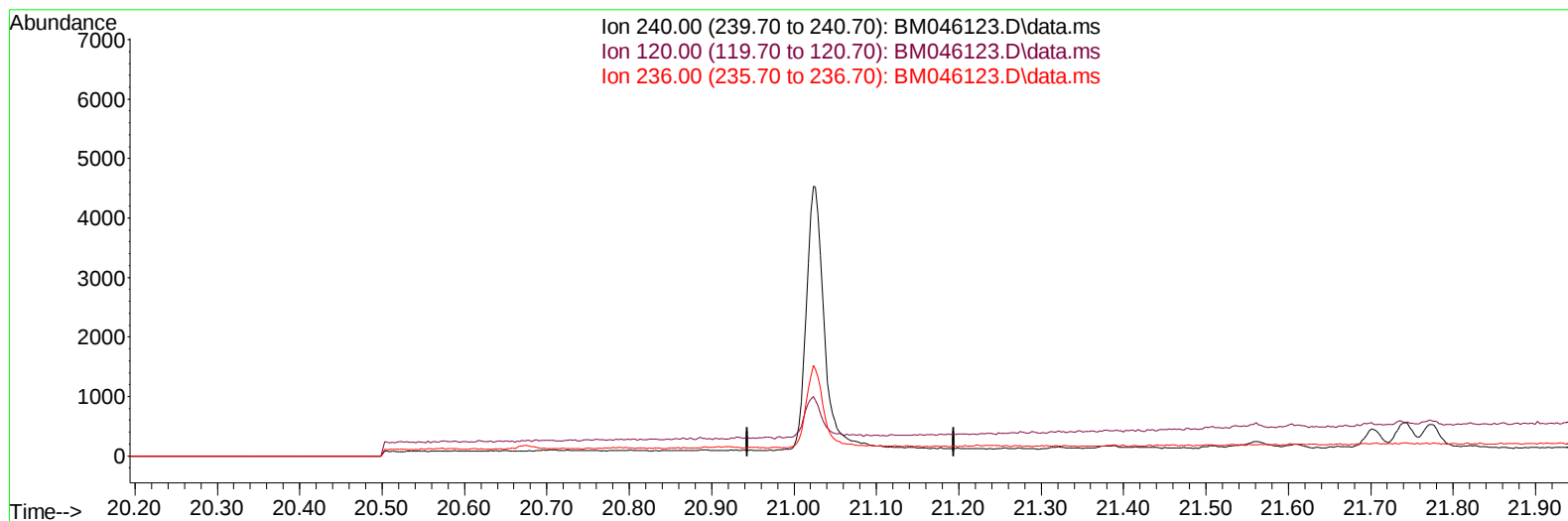
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046123.D
Acq On : 20 Jun 2024 15:07
Operator : MA/JU
Sample : P2710-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BL9

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TIC: BM046123.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

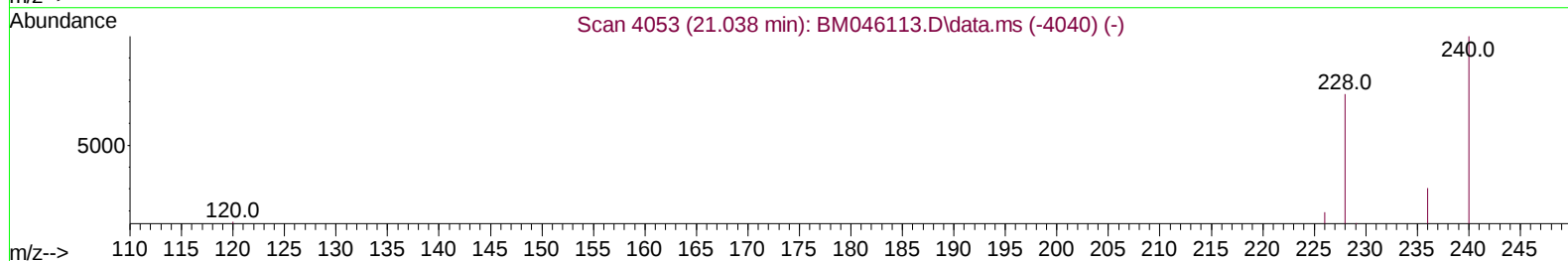
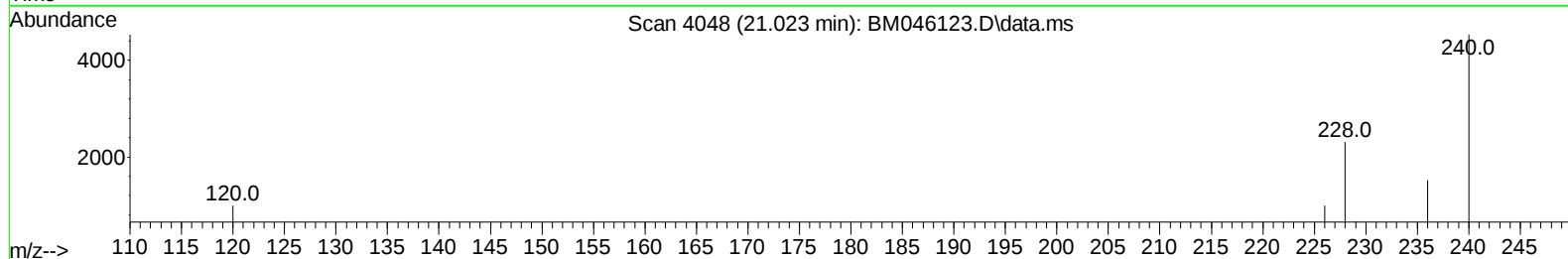
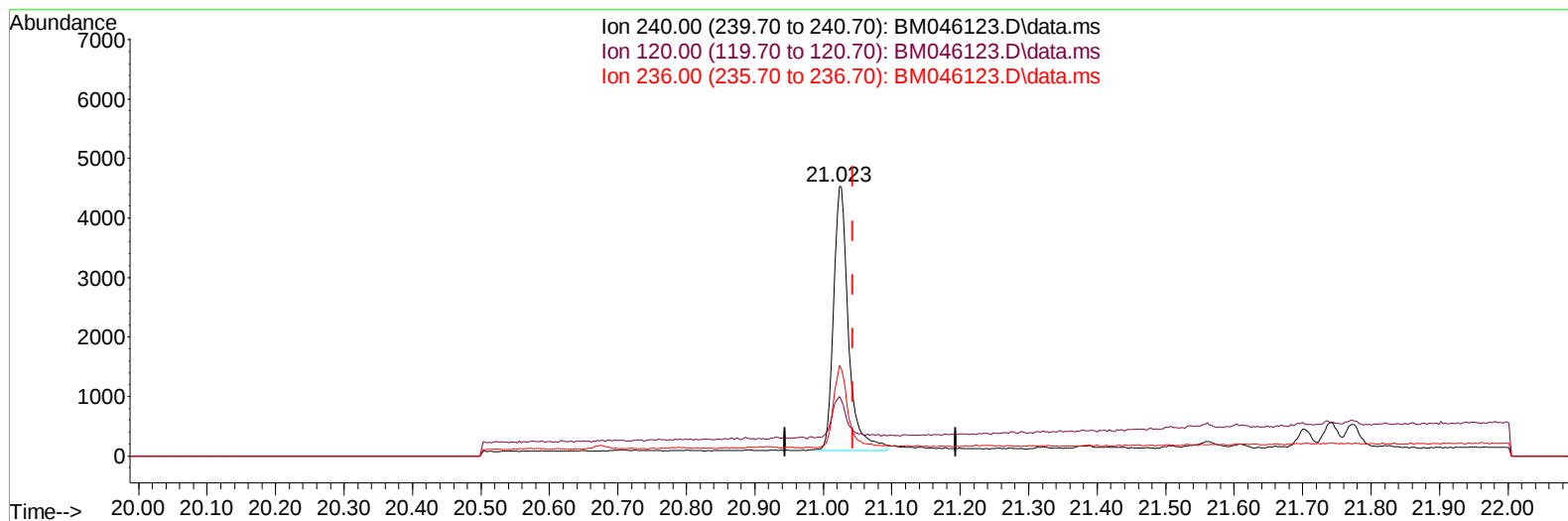
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046123.D
Acq On : 20 Jun 2024 15:07
Operator : MA/JU
Sample : P2710-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BL9

Manual IntegrationsAPPROVED

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

Quant Time: Jun 20 16:03:11 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: BM046123.D\data.ms

(17) Chrysene-d12

21.023min (-0.021) 0.40 ng/u1 m

response 6742

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	23.50	21.99
236.00	33.60	33.60
0.00	0.00	0.00

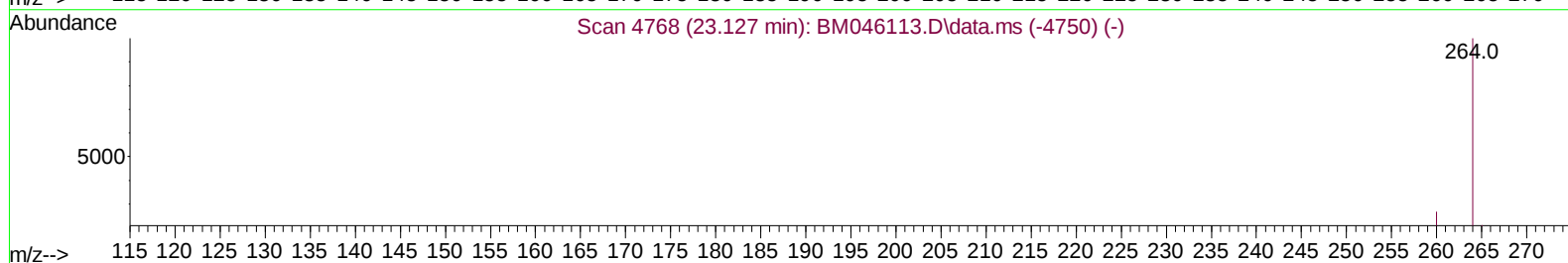
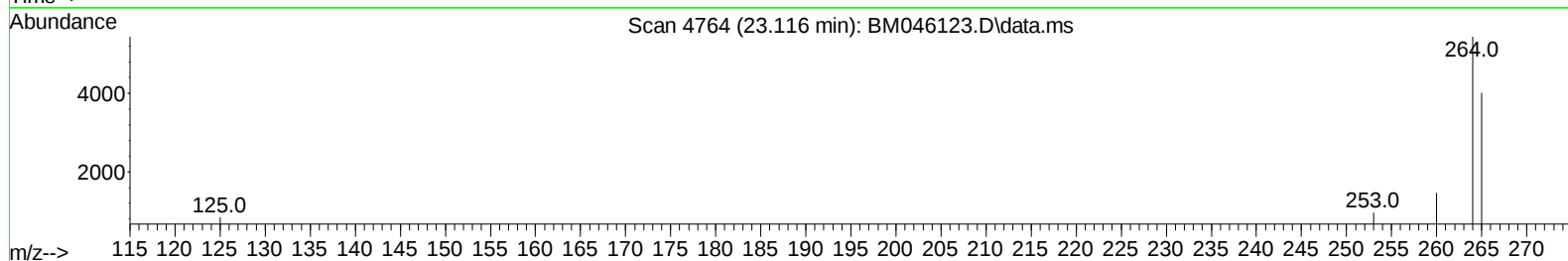
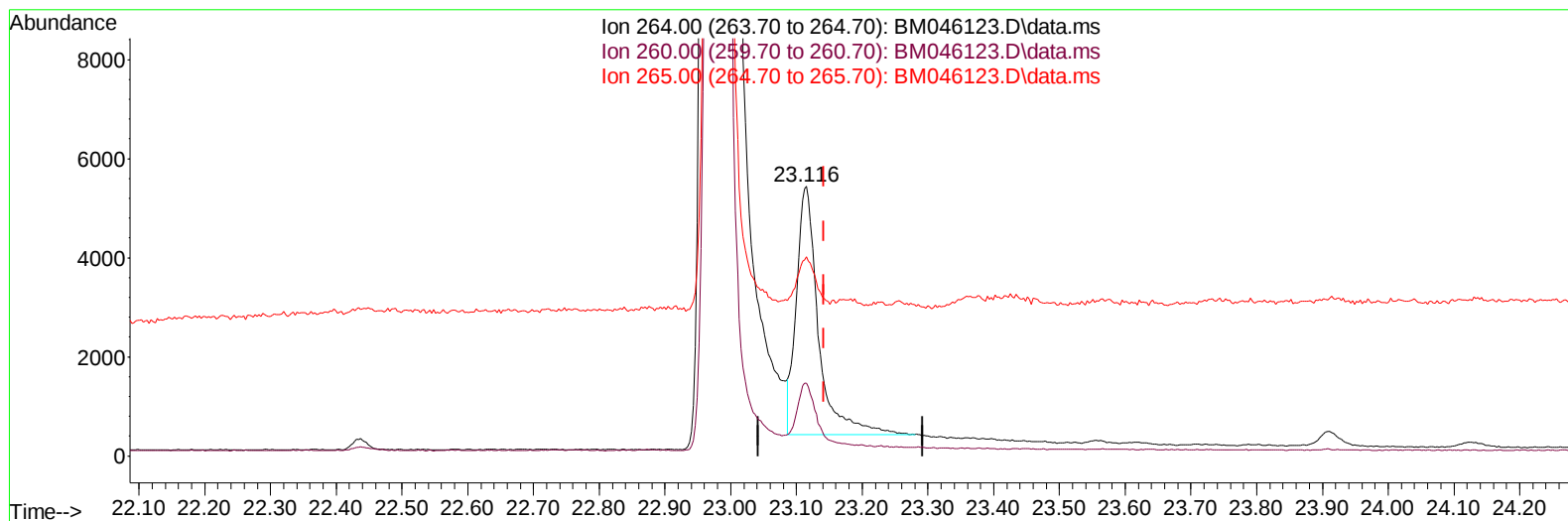
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046123.D
Acq On : 20 Jun 2024 15:07
Operator : MA/JU
Sample : P2710-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BL9

Manual IntegrationsAPPROVED

Quant Time: Jun 20 16:03:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
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TIC: BM046123.D\data.ms

(23) Perylene-d12 (I)

23.116min (-0.027) 0.40 ng/u1

response 11625

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	28.20	26.97
265.00	110.60	73.97#
0.00	0.00	0.00

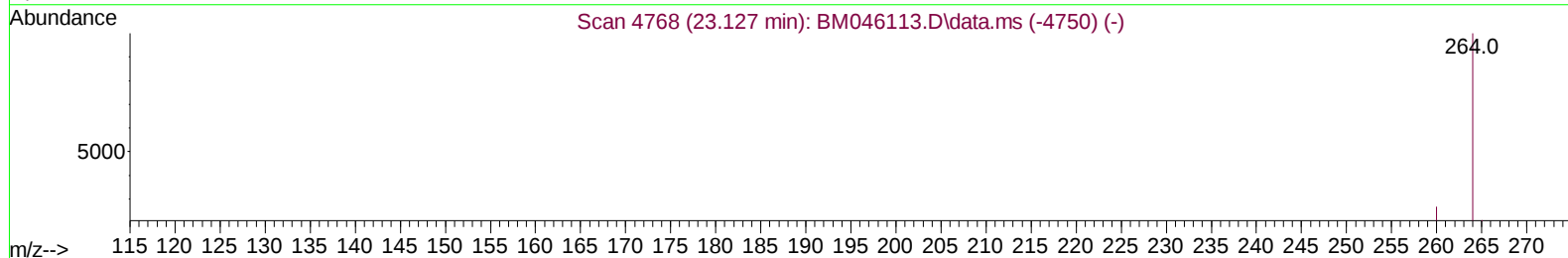
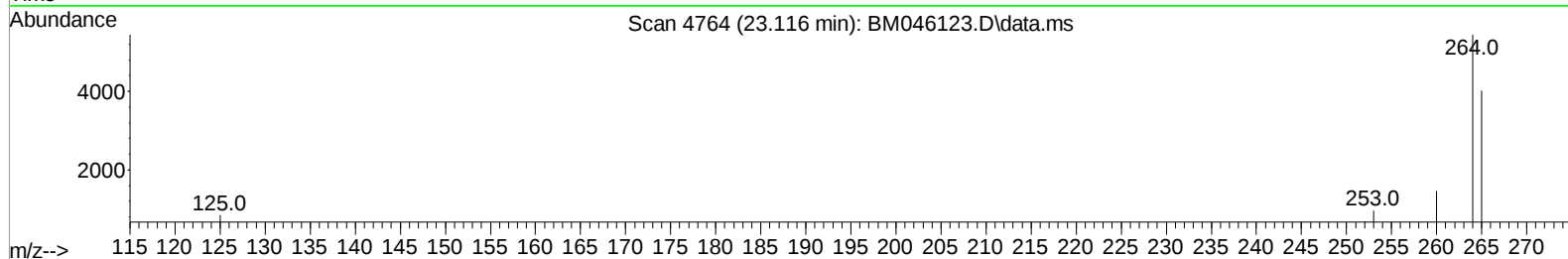
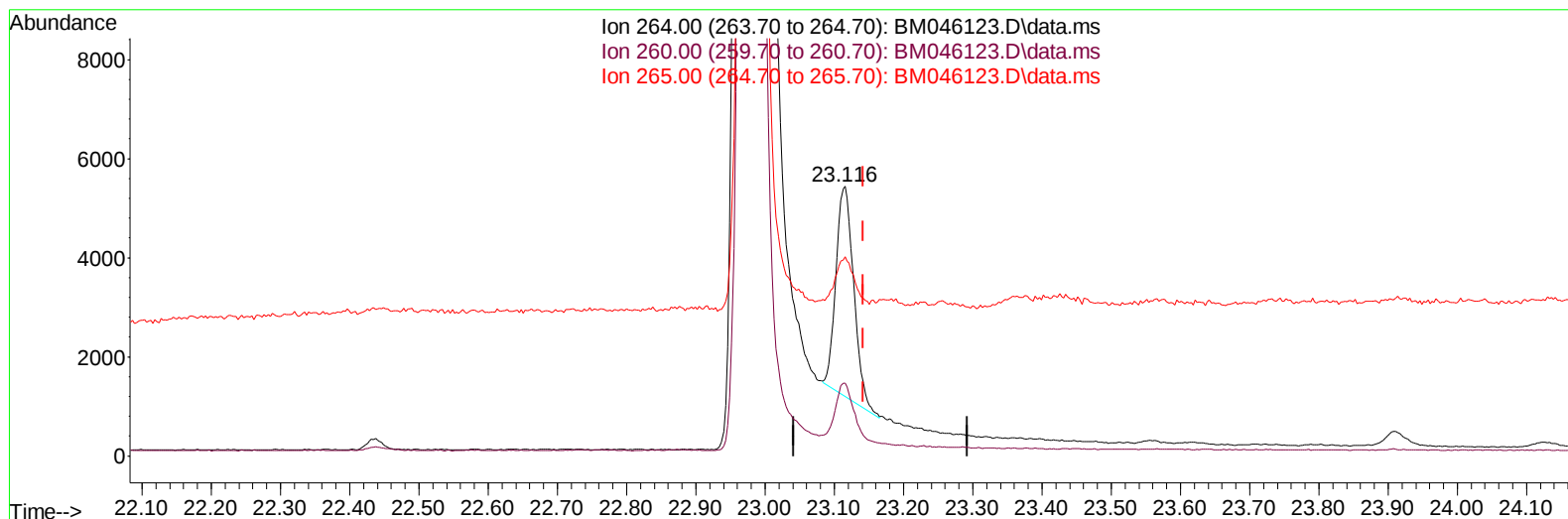
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046123.D
Acq On : 20 Jun 2024 15:07
Operator : MA/JU
Sample : P2710-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BL9

Manual IntegrationsAPPROVED

Quant Time: Jun 20 16:03:11 2024
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TIC: BM046123.D\data.ms

(23) Perylene-d12 (I)

23.116min (-0.027) 0.40 ng/ul m

response 7493

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	28.20	26.97
265.00	110.60	73.97#
0.00	0.00	0.00

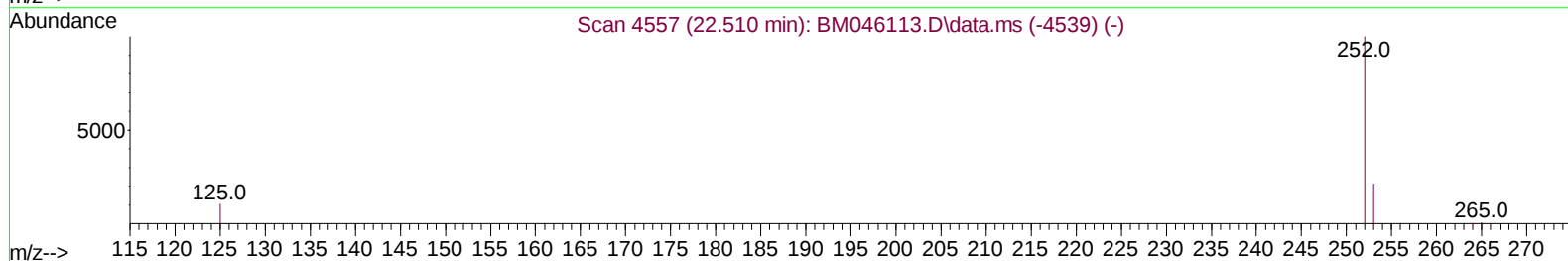
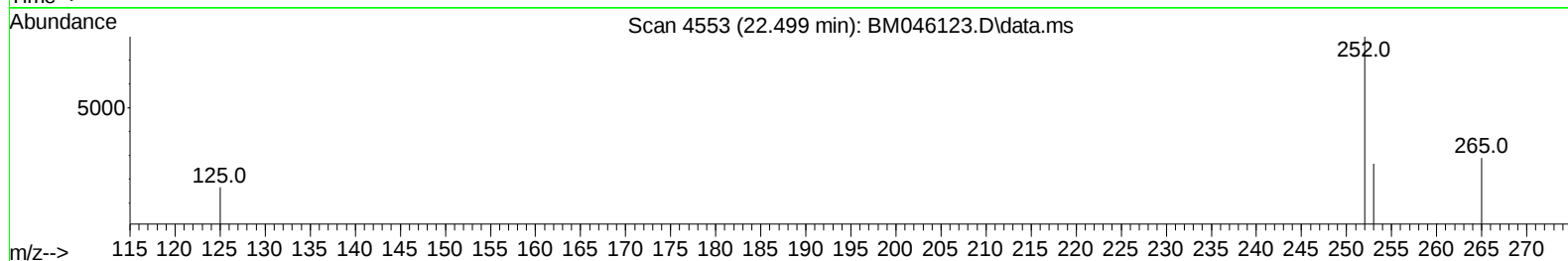
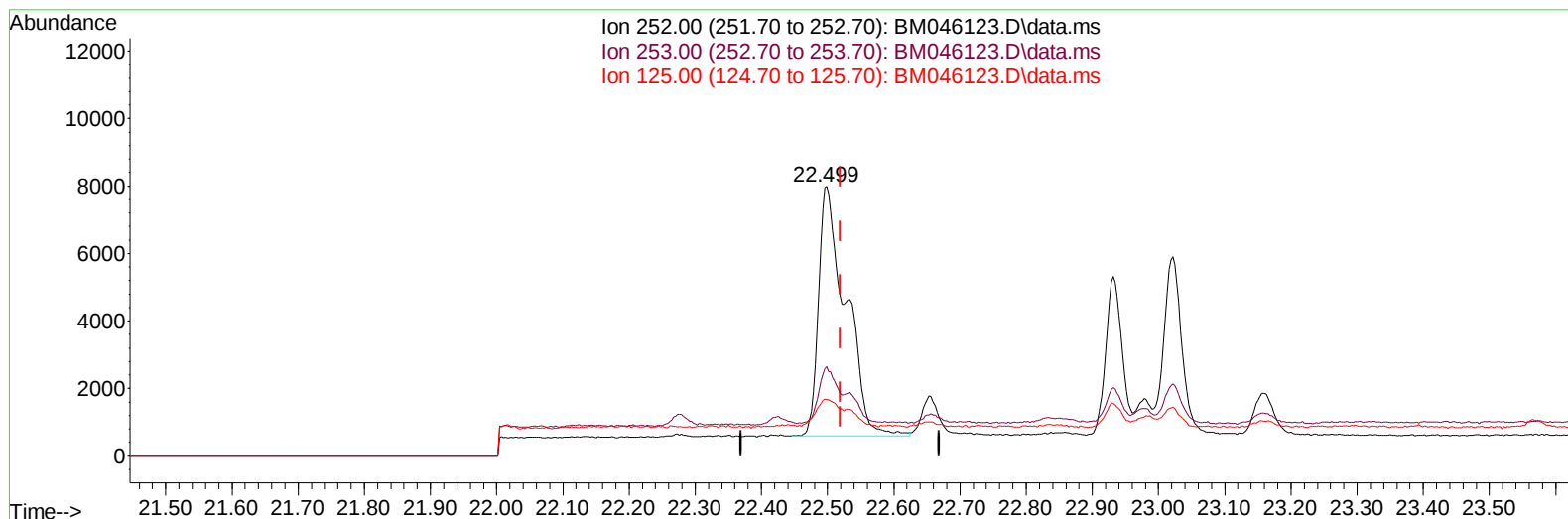
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
 Data File : BM046123.D
 Acq On : 20 Jun 2024 15:07
 Operator : MA/JU
 Sample : P2710-10
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BL9

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TIC: BM046123.D\data.ms

(24) Benzo(b)fluoranthene

22.499min (-0.021) 0.79 ng/u1

response 21282

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.90	33.03
125.00	20.10	20.91
0.00	0.00	0.00

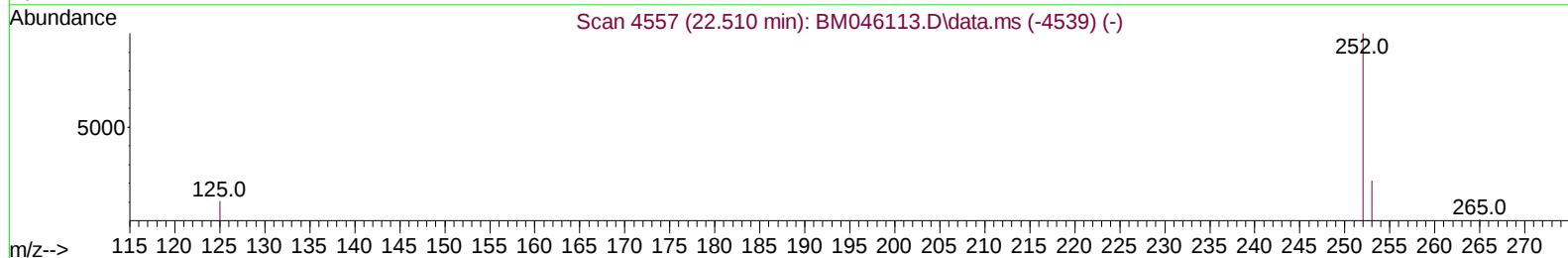
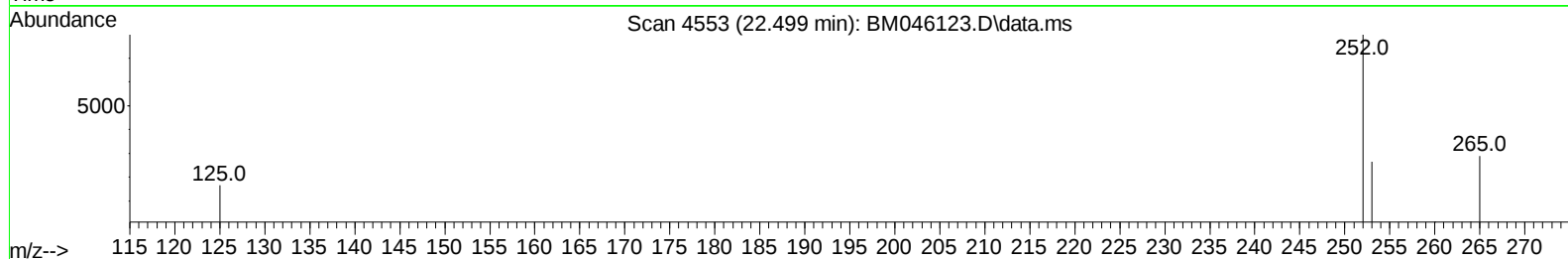
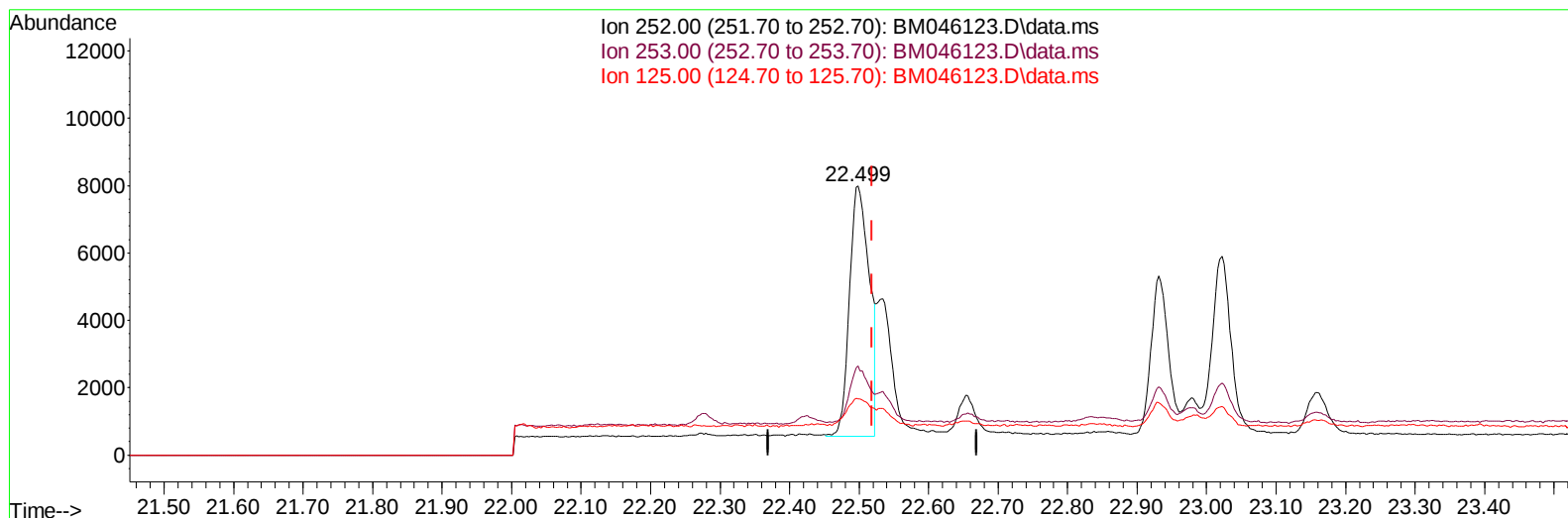
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046123.D
Acq On : 20 Jun 2024 15:07
Operator : MA/JU
Sample : P2710-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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TIC: BM046123.D\data.ms

(24) Benzo(b)fluoranthene

22.499min (-0.021) 0.54 ng/u1 m

response 14699

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.90	33.03
125.00	20.10	20.91
0.00	0.00	0.00

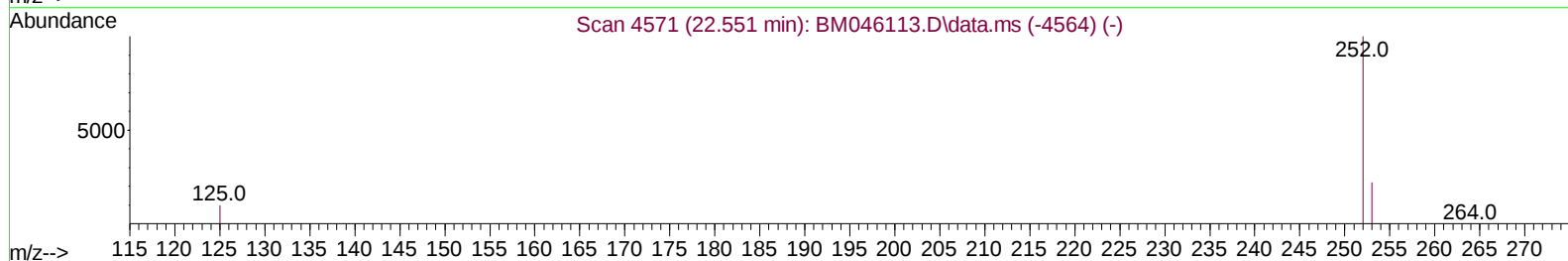
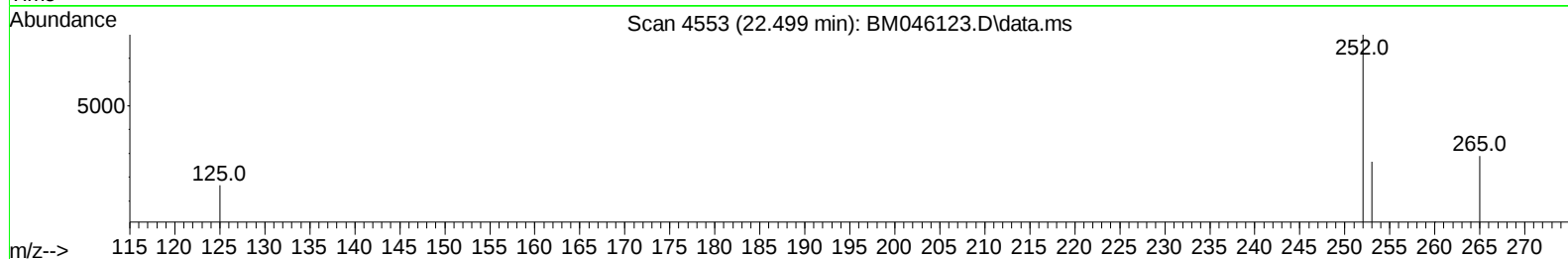
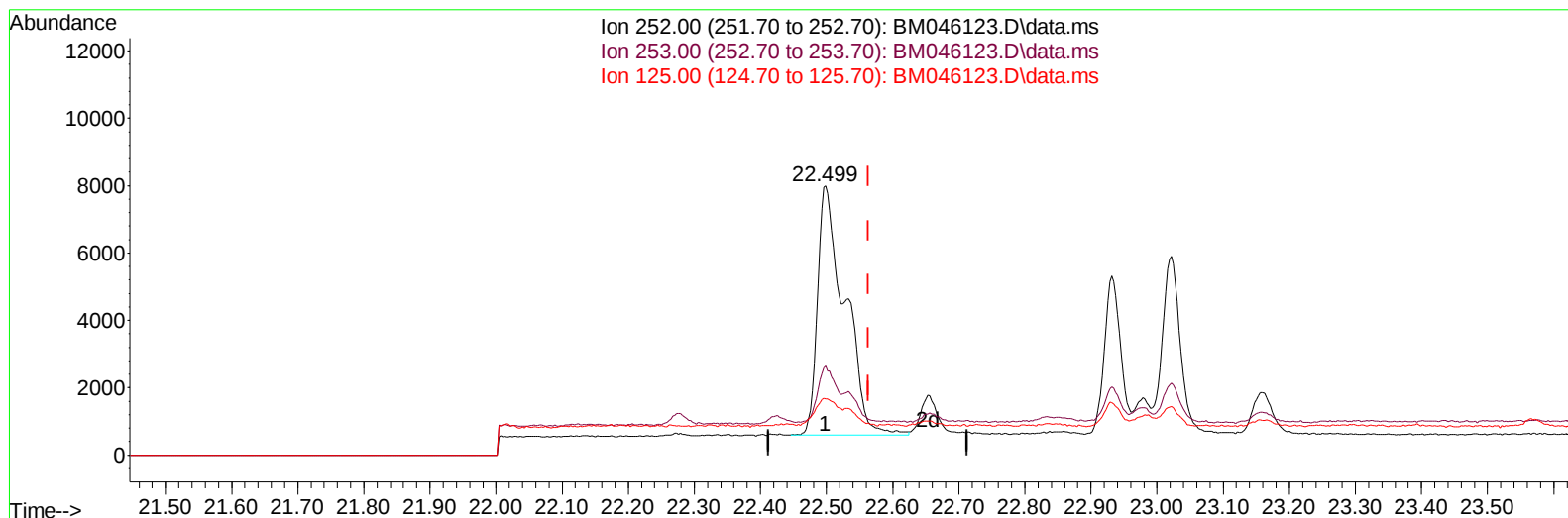
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046123.D
Acq On : 20 Jun 2024 15:07
Operator : MA/JU
Sample : P2710-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BL9

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 06/24/2024

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TIC: BM046123.D\data.ms

(25) Benzo(k)fluoranthene

22.499min (-0.065) 0.66 ng/u1

response 21282

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	33.03
125.00	20.80	20.91
0.00	0.00	0.00

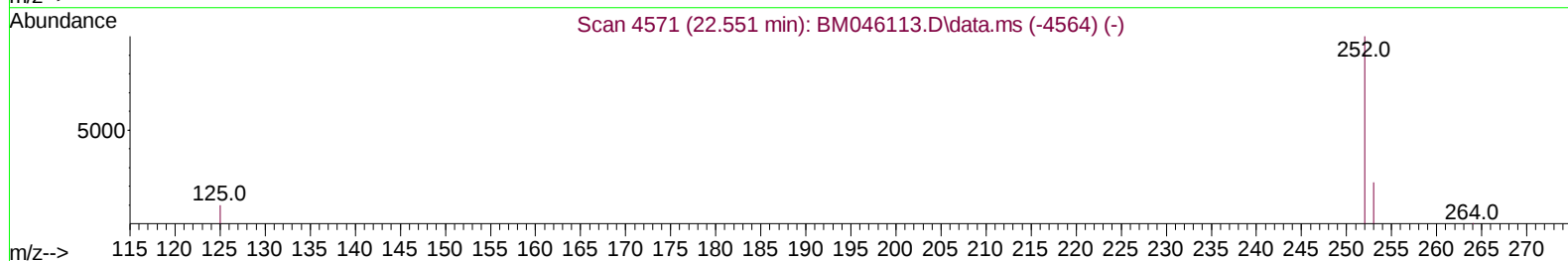
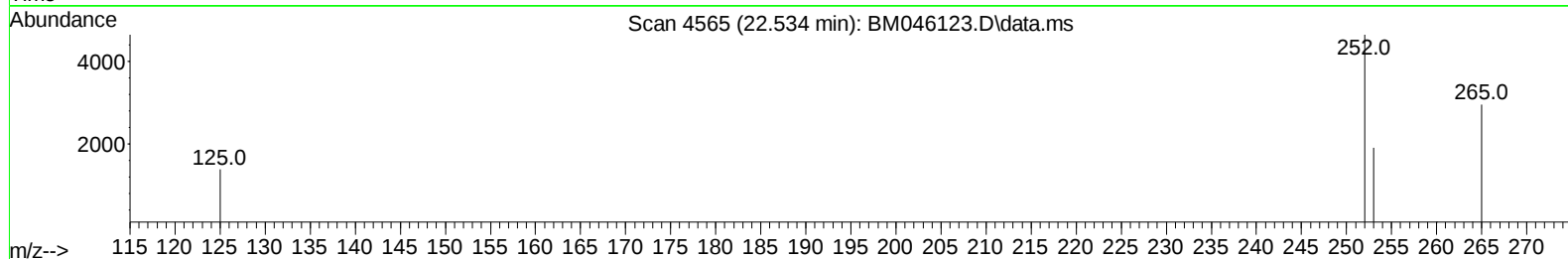
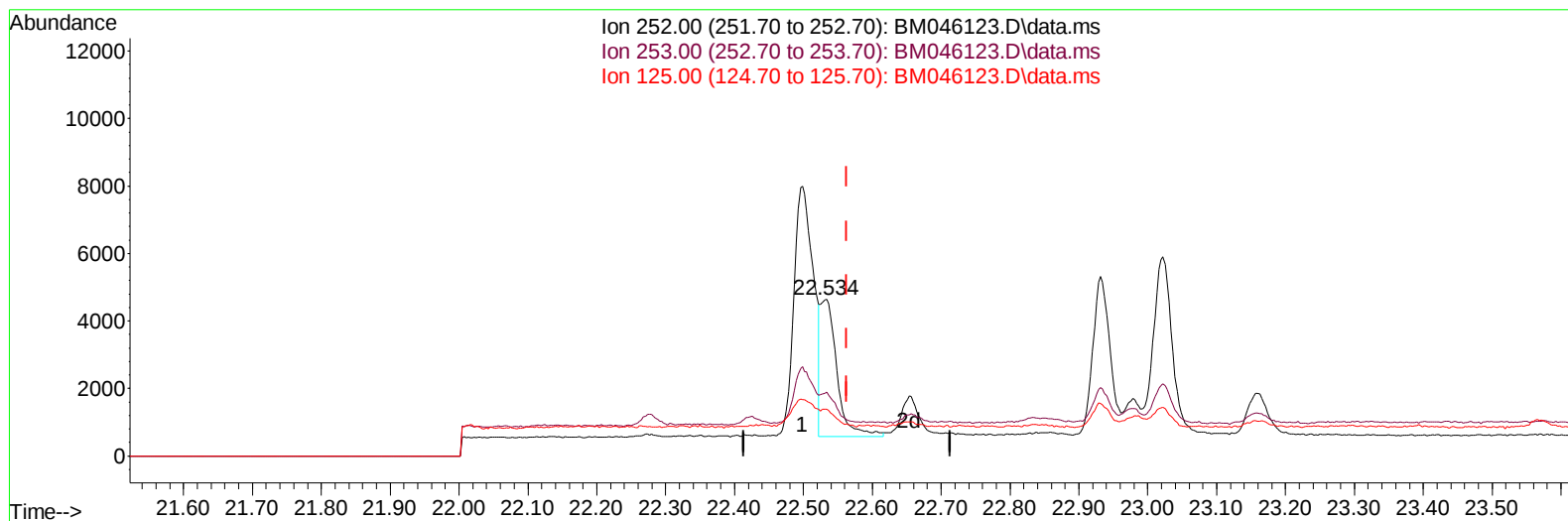
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046123.D
Acq On : 20 Jun 2024 15:07
Operator : MA/JU
Sample : P2710-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BL9

Manual IntegrationsAPPROVED

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

Quant Time: Jun 20 16:03:11 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



TIC: BM046123.D\data.ms

(25) Benzo(k)fluoranthene

22.534min (-0.030) 0.21 ng/u1 m

response 6734

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	40.96#
125.00	20.80	29.85#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.426	152	2655	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.200	136	7721	0.400	ng/ul	-0.05
9) Acenaphthene-d10	14.077	164	4203	0.400	ng/ul	-0.04
13) Phenanthrene-d10	16.820	188	8609m	0.400	ng/ul	-0.04
17) Chrysene-d12	21.023	240	6742m	0.400	ng/ul	-0.02
23) Perylene-d12	23.116	264	7493m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.033	96	10791	2.962	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.838	152	1931	0.186	ng/ul	-0.03
18) Fluoranthene-d10	18.854	212	4259	0.211	ng/ul	-0.03
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.794	152	1243	0.062	ng/ul#	83
11) Acenaphthene	14.137	153	291	0.020	ng/ul#	93
12) Fluorene	15.127	166	407	0.026	ng/ul#	94
15) Phenanthrene	16.858	178	7504m	0.310	ng/ul	
16) Anthracene	16.951	178	1893m	0.105	ng/ul	
19) Fluoranthene	18.881	202	19182	0.657	ng/ul	99
20) Pyrene	19.244	202	18217	0.577	ng/ul	98
21) Benzo(a)anthracene	21.009	228	8803	0.338	ng/ul	94
22) Chrysene	21.058	228	9526	0.287	ng/ul	98
24) Benzo(b)fluoranthene	22.499	252	14699m	0.544	ng/ul	
25) Benzo(k)fluoranthene	22.534	252	6734m	0.210	ng/ul	
26) Benzo(a)pyrene	23.022	252	9981	0.399	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.172	276	8738	0.213	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.172	278	1853	0.061	ng/ul#	46
29) Benzo(g,h,i)perylene	25.792	276	9274	0.264	ng/ul	97

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

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