

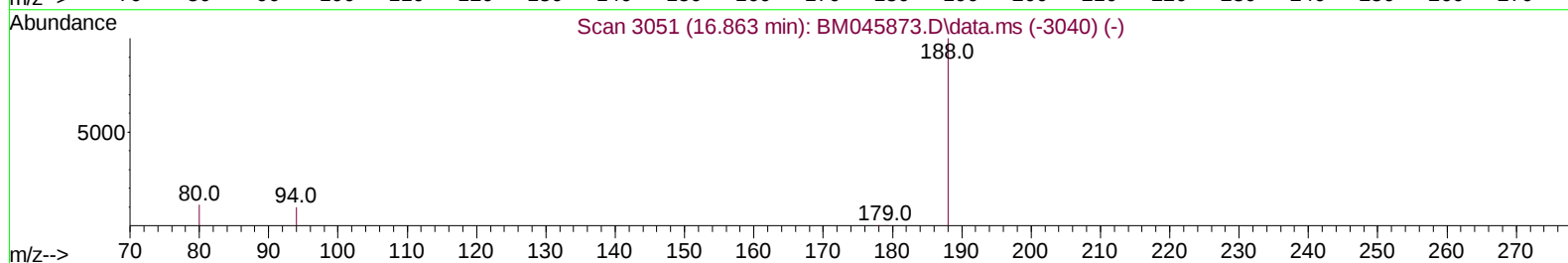
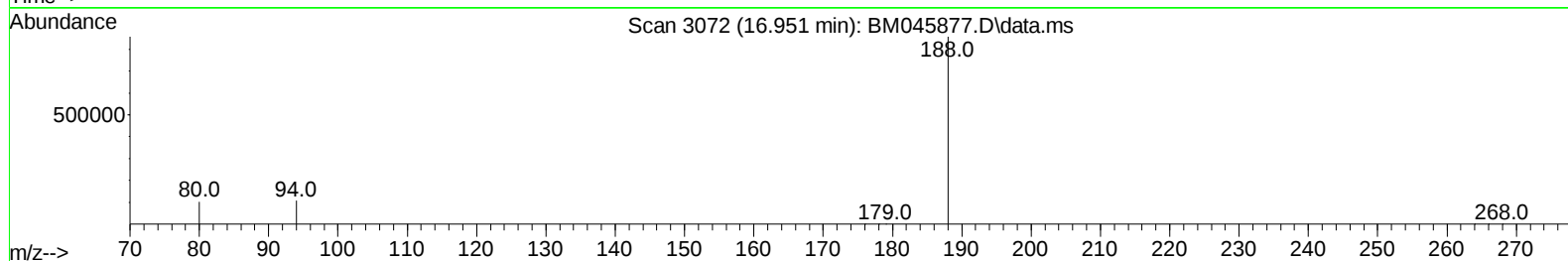
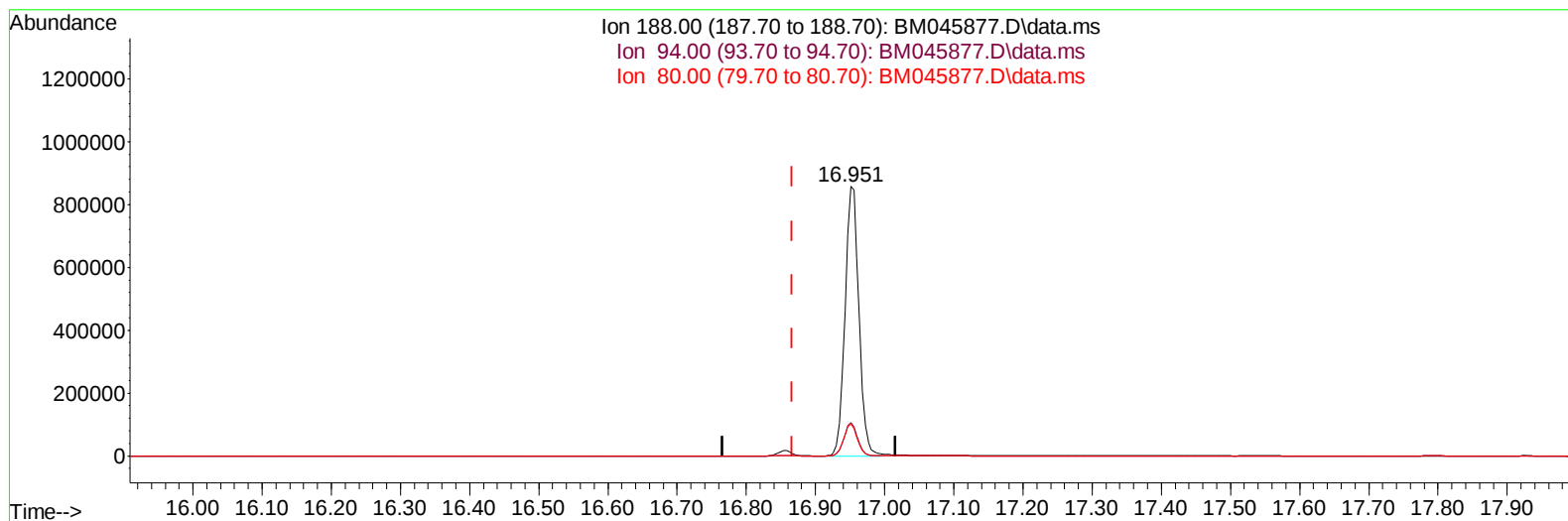
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045877.D
Acq On : 07 Jun 2024 11:52
Operator : MA/JU
Sample : P2586-17
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C37

Manual IntegrationsAPPROVED

Quant Time: Jun 07 12:47:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 06 17:58:22 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



TIC: BM045877.D\data.ms

(13) Phenanthrene-d10 (I)

16.951min (+ 0.085) 0.40 ng/u1

response 1188296

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.50	12.51
80.00	11.70	11.95
0.00	0.00	0.00

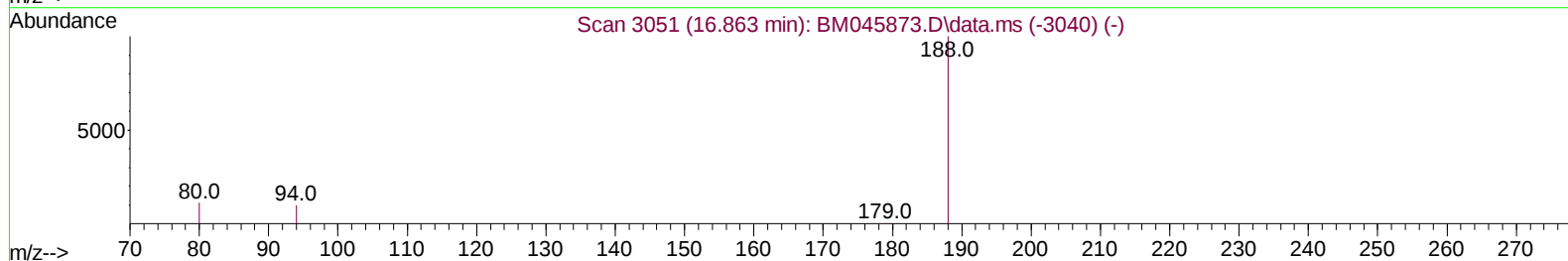
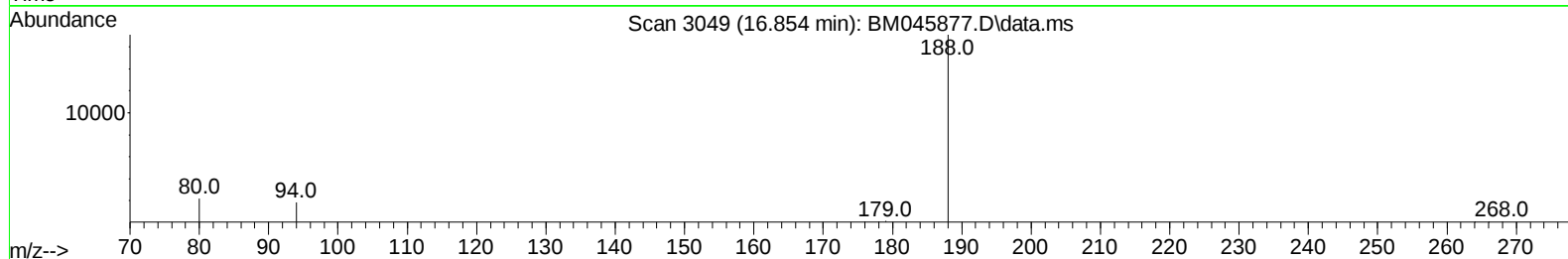
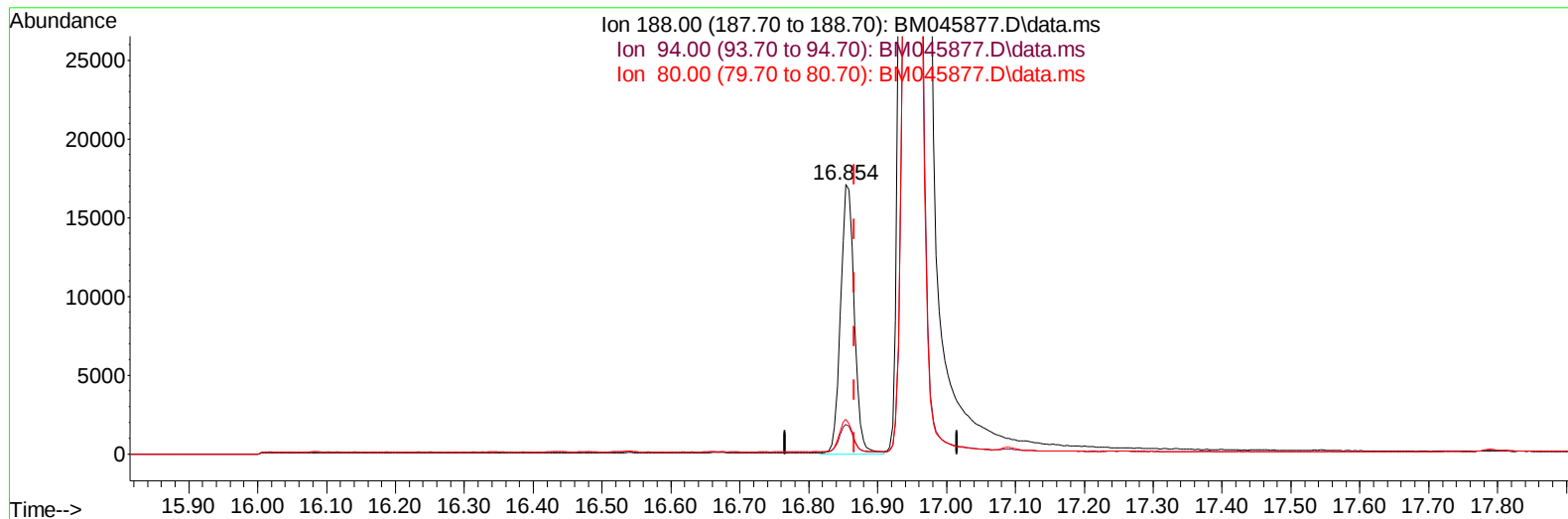
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045877.D
Acq On : 07 Jun 2024 11:52
Operator : MA/JU
Sample : P2586-17
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C37

Manual IntegrationsAPPROVED

Quant Time: Jun 07 12:47:35 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 06 17:58:22 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



TIC: BM045877.D\data.ms

(13) Phenanthrene-d10 (I)

16.854min (-0.012) 0.40 ng/u1 m

response 23535

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.50	10.87
80.00	11.70	12.92
0.00	0.00	0.00

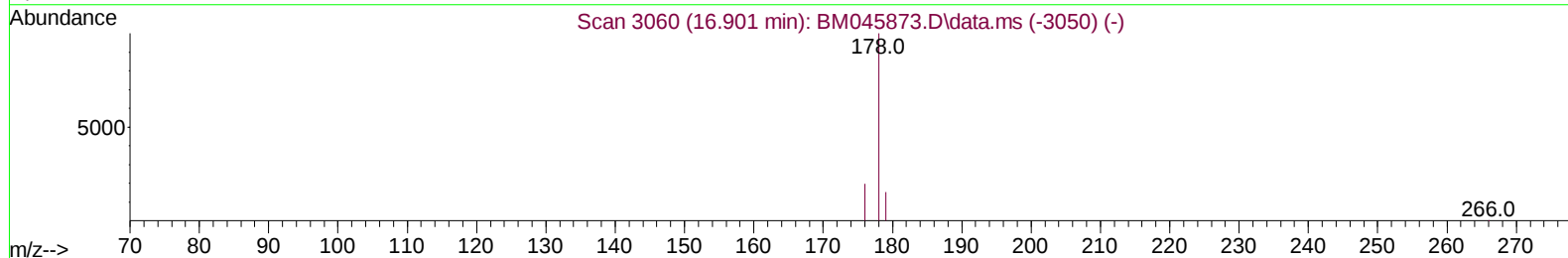
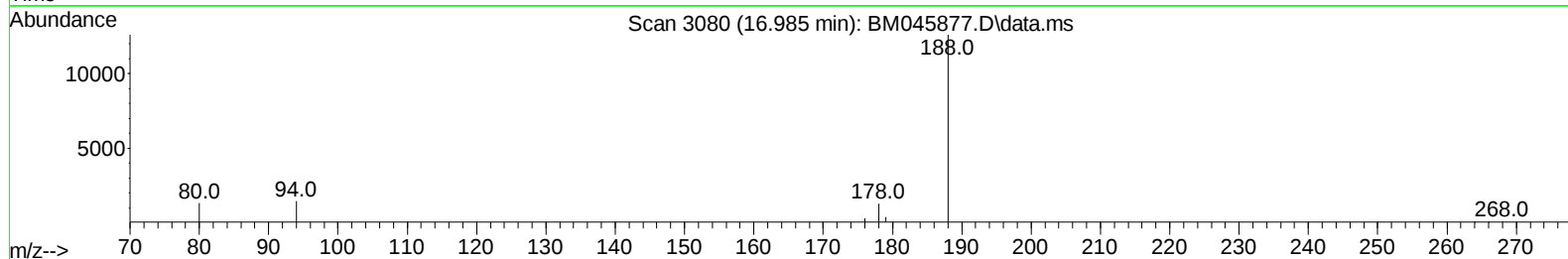
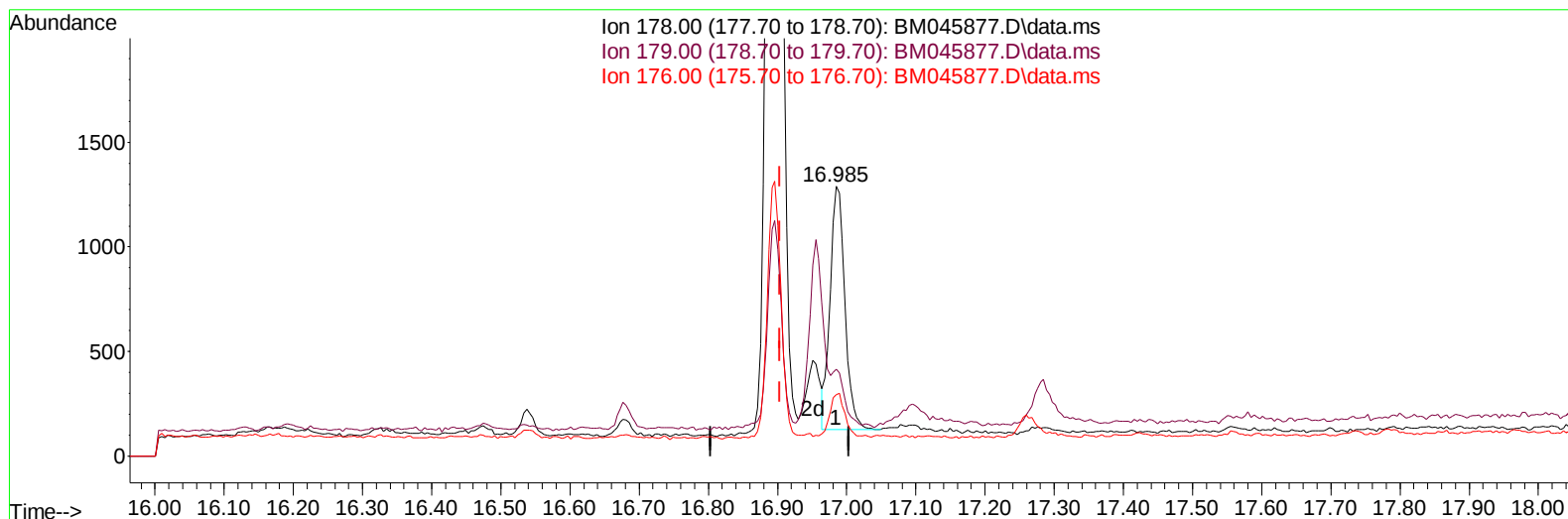
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045877.D
Acq On : 07 Jun 2024 11:52
Operator : MA/JU
Sample : P2586-17
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C37

Manual IntegrationsAPPROVED

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 06 17:58:22 2024
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TIC: BM045877.D\data.ms

(15) Phenanthrene

16.985min (+ 0.081) 0.03 ng/u1

response 1737

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.90	32.20#
176.00	19.50	22.81
0.00	0.00	0.00

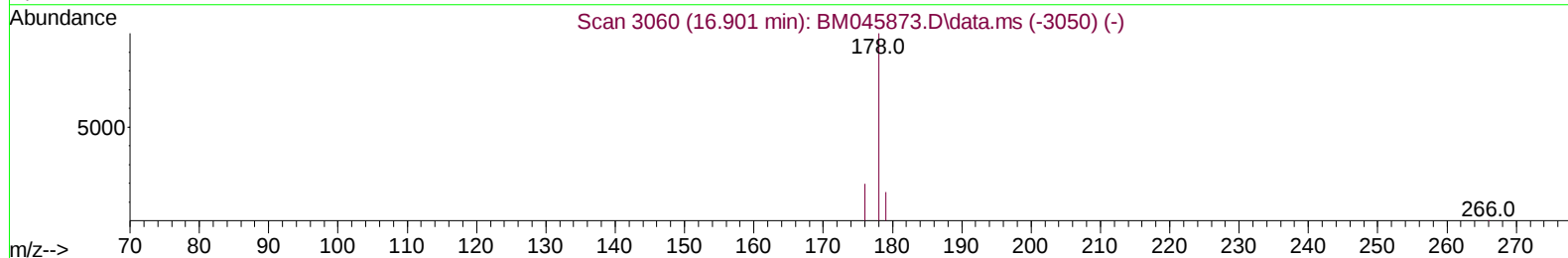
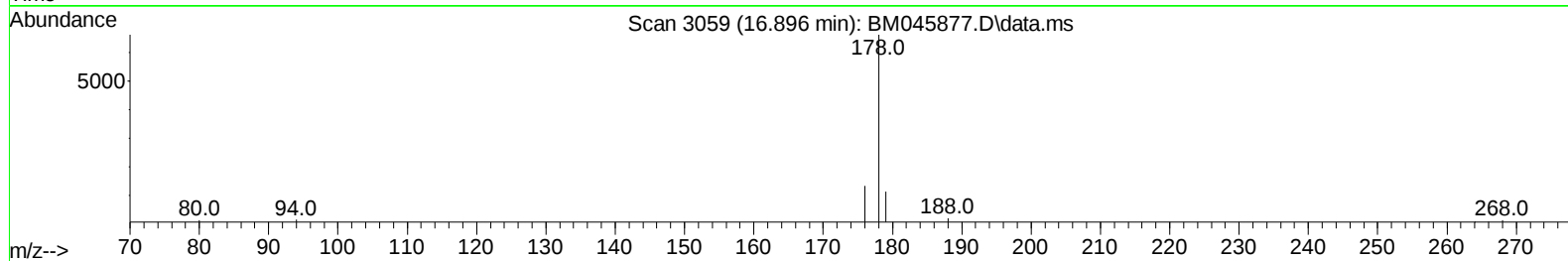
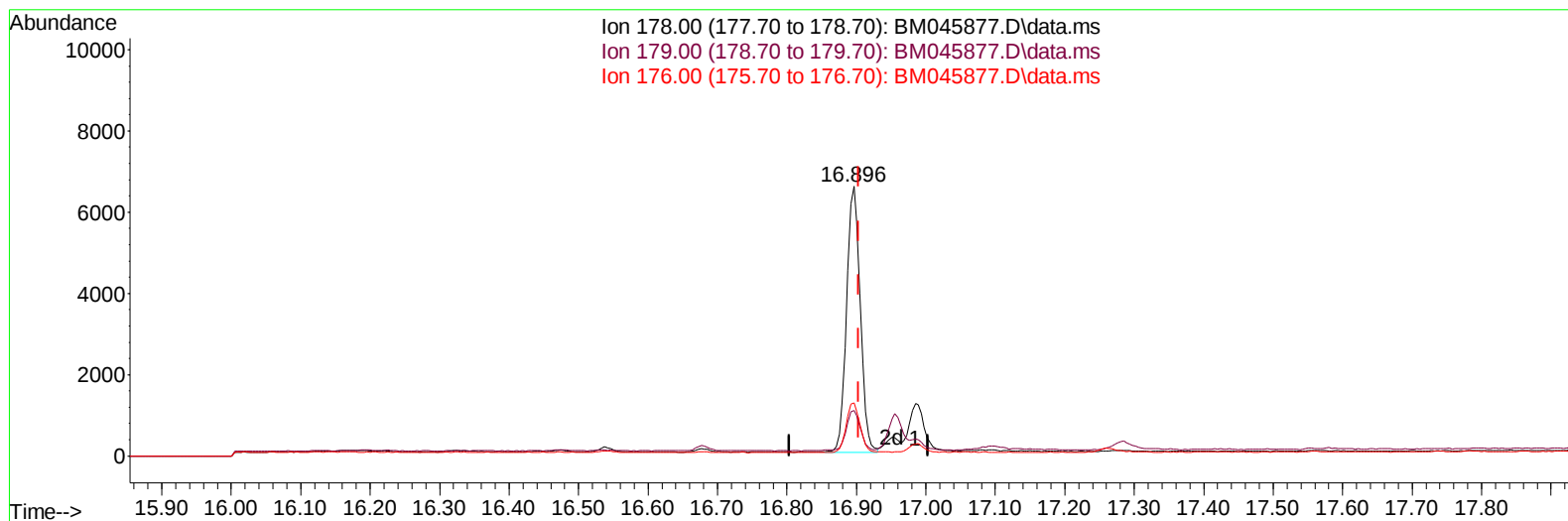
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045877.D
Acq On : 07 Jun 2024 11:52
Operator : MA/JU
Sample : P2586-17
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C37

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024

Quant Time: Jun 07 12:47:35 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 06 17:58:22 2024
Response via : Initial Calibration



TIC: BM045877.D\data.ms

(15) Phenanthrene

16.896min (-0.007) 0.13 ng/u1 m

response 8905

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.90	16.98
176.00	19.50	19.83
0.00	0.00	0.00

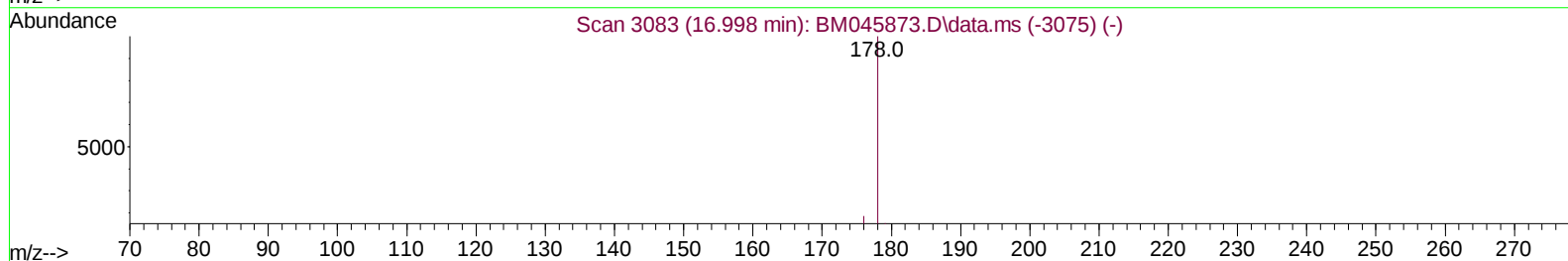
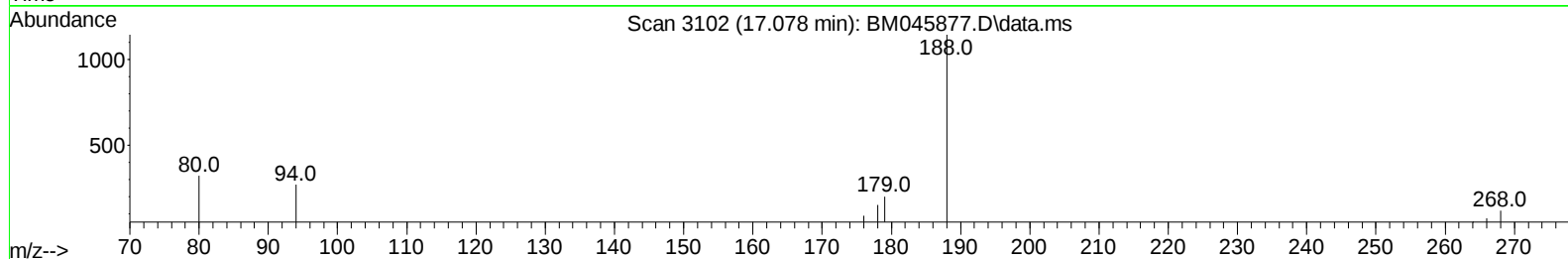
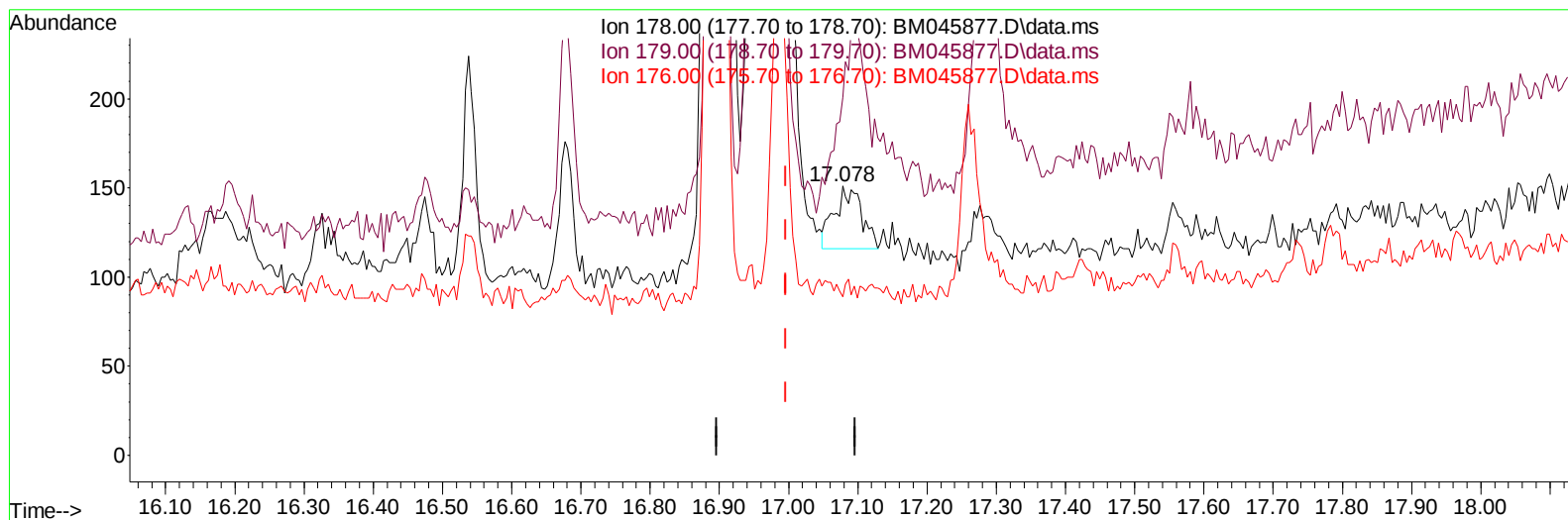
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045877.D
Acq On : 07 Jun 2024 11:52
Operator : MA/JU
Sample : P2586-17
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C37

Manual IntegrationsAPPROVED

Quant Time: Jun 07 12:47:35 2024
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TIC: BM045877.D\data.ms

(16) Anthracene

17.078min (+ 0.081) 0.00 ng/u1

response 95

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.40	133.11#
176.00	19.40	58.94#
0.00	0.00	0.00

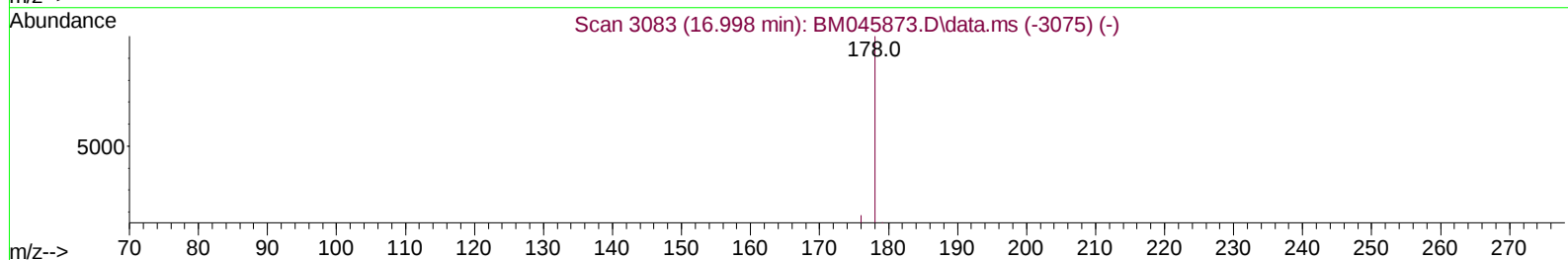
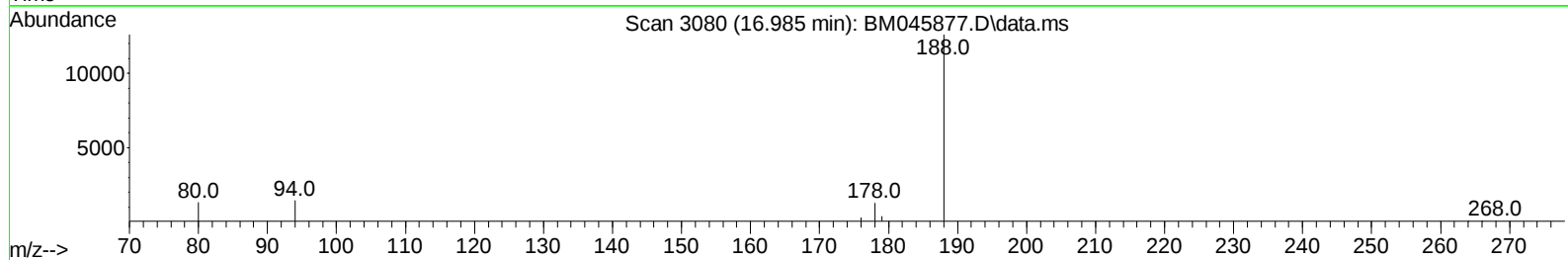
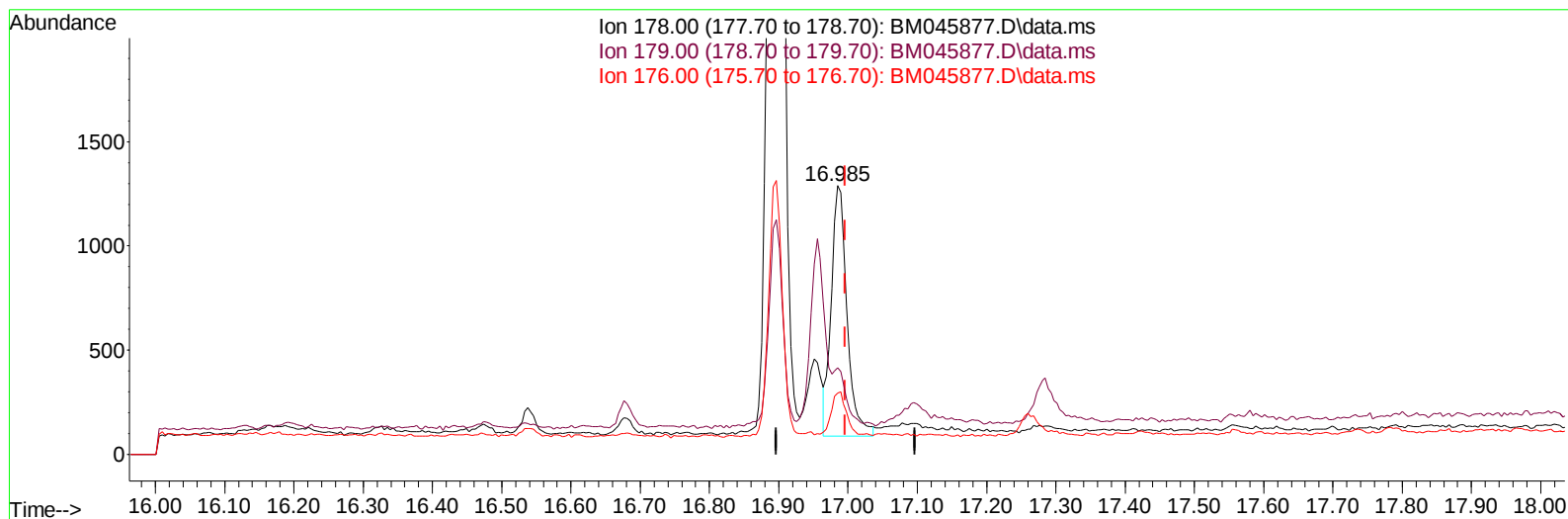
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045877.D
Acq On : 07 Jun 2024 11:52
Operator : MA/JU
Sample : P2586-17
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C37

Manual IntegrationsAPPROVED

Quant Time: Jun 07 12:47:35 2024
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TIC: BM045877.D\data.ms

(16) Anthracene

16.985min (-0.011) 0.03 ng/u1 m

response 1905

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.40	32.20#
176.00	19.40	22.81
0.00	0.00	0.00

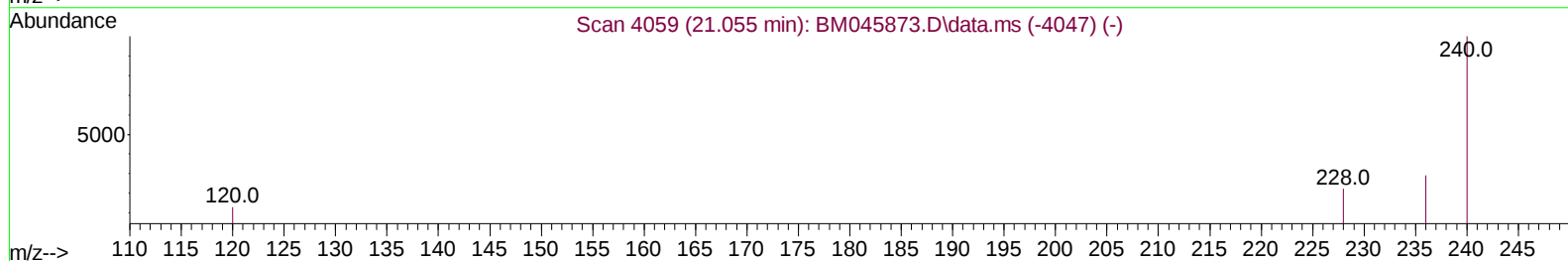
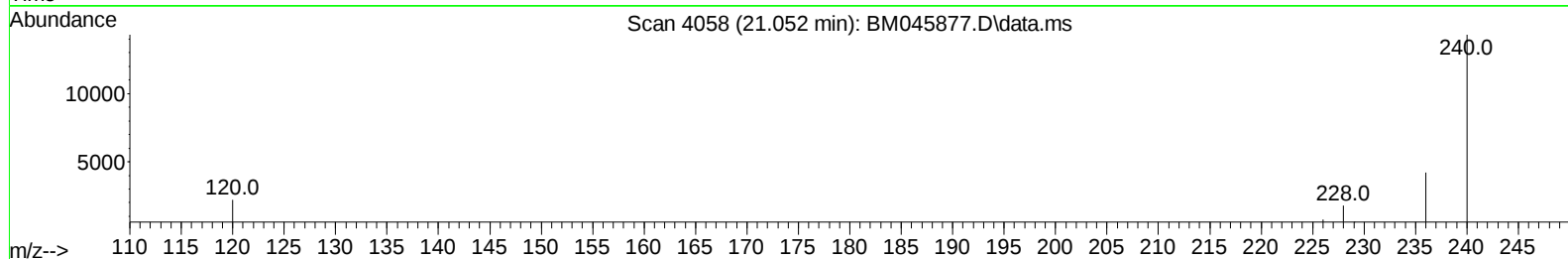
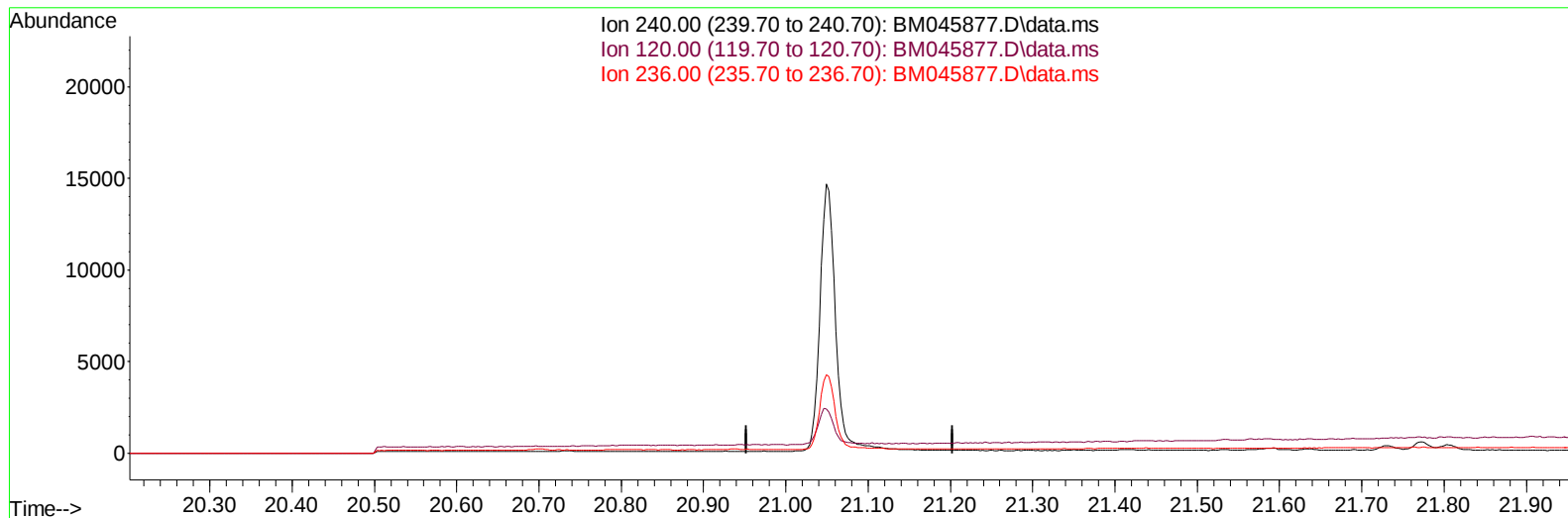
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045877.D
Acq On : 07 Jun 2024 11:52
Operator : MA/JU
Sample : P2586-17
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C37

Manual IntegrationsAPPROVED

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TIC: BM045877.D\data.ms

(17) Chrysene-d12

21.053min (-21.053) 0.00 ng/u1

response 0

Ion	Exp%	Act%
240.00	100.00	0.00
120.00	16.10	0.00#
236.00	29.50	0.00#
0.00	0.00	0.00

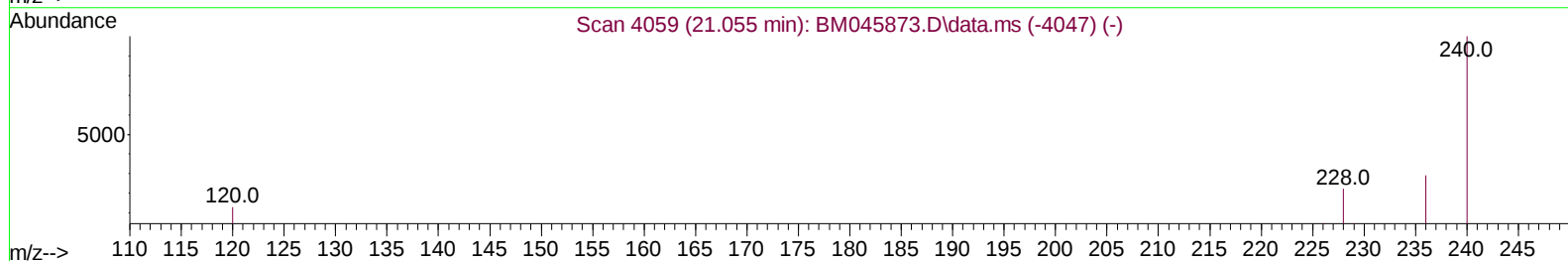
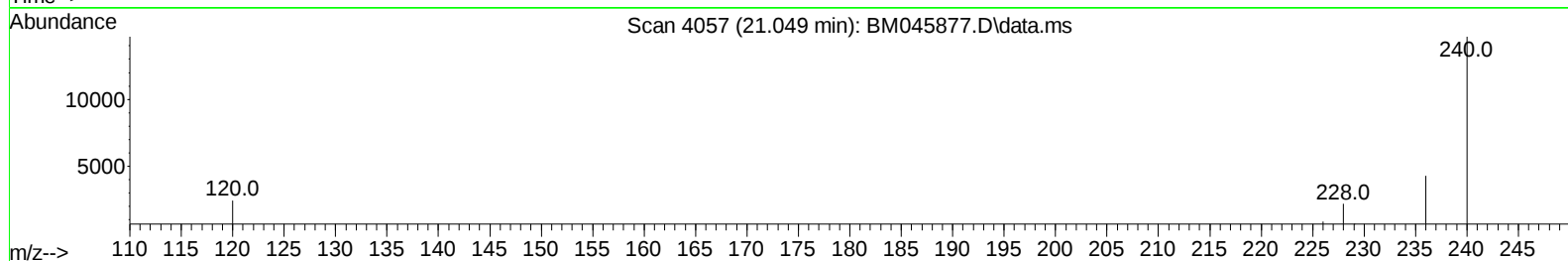
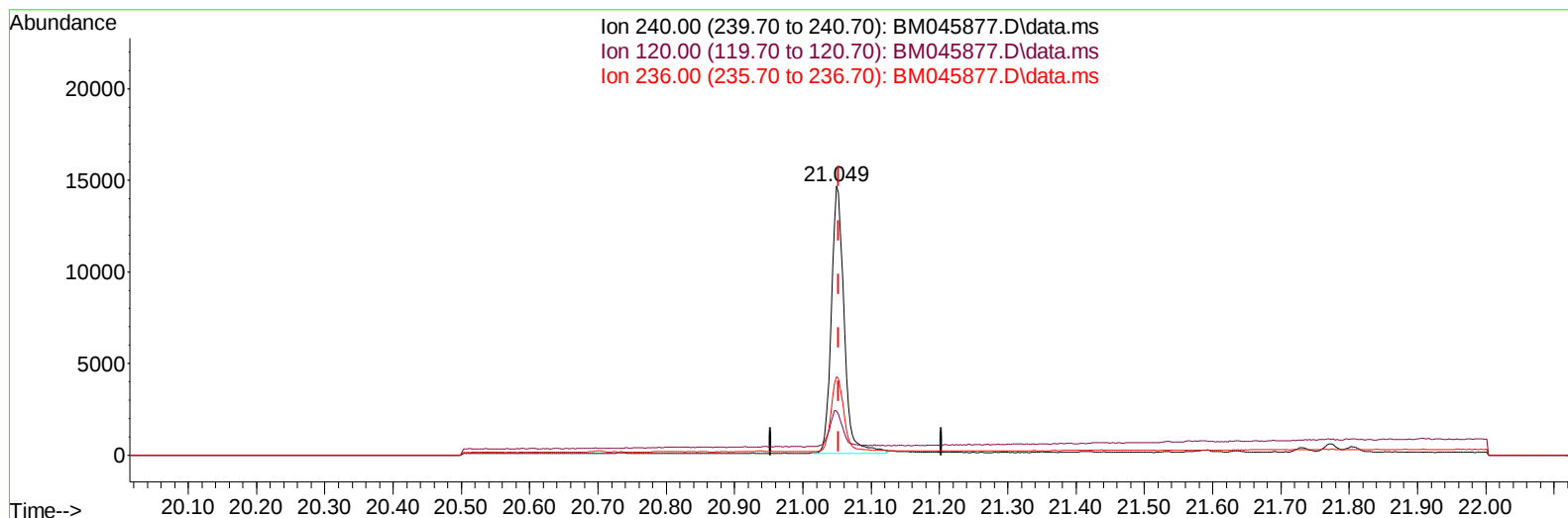
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045877.D
Acq On : 07 Jun 2024 11:52
Operator : MA/JU
Sample : P2586-17
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C37

Manual IntegrationsAPPROVED

Quant Time: Jun 07 12:47:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 06 17:58:22 2024
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Reviewed By :Yogesh Patel 06/08/2024
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TIC: BM045877.D\data.ms

(17) Chrysene-d12

21.049min (-0.003) 0.40 ng/ul m

response 19224

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.10	16.51
236.00	29.50	29.20
0.00	0.00	0.00

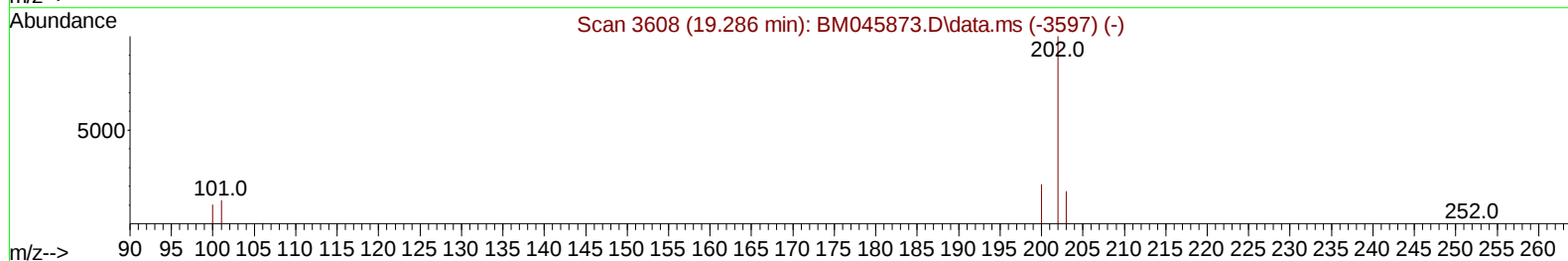
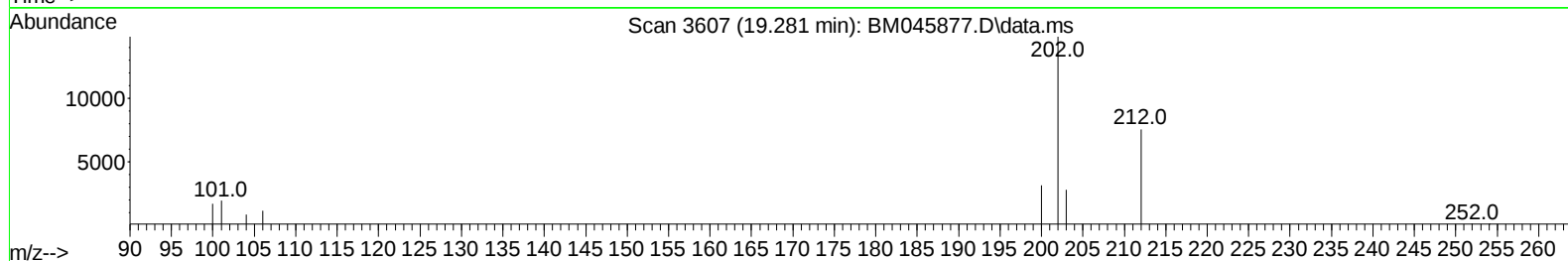
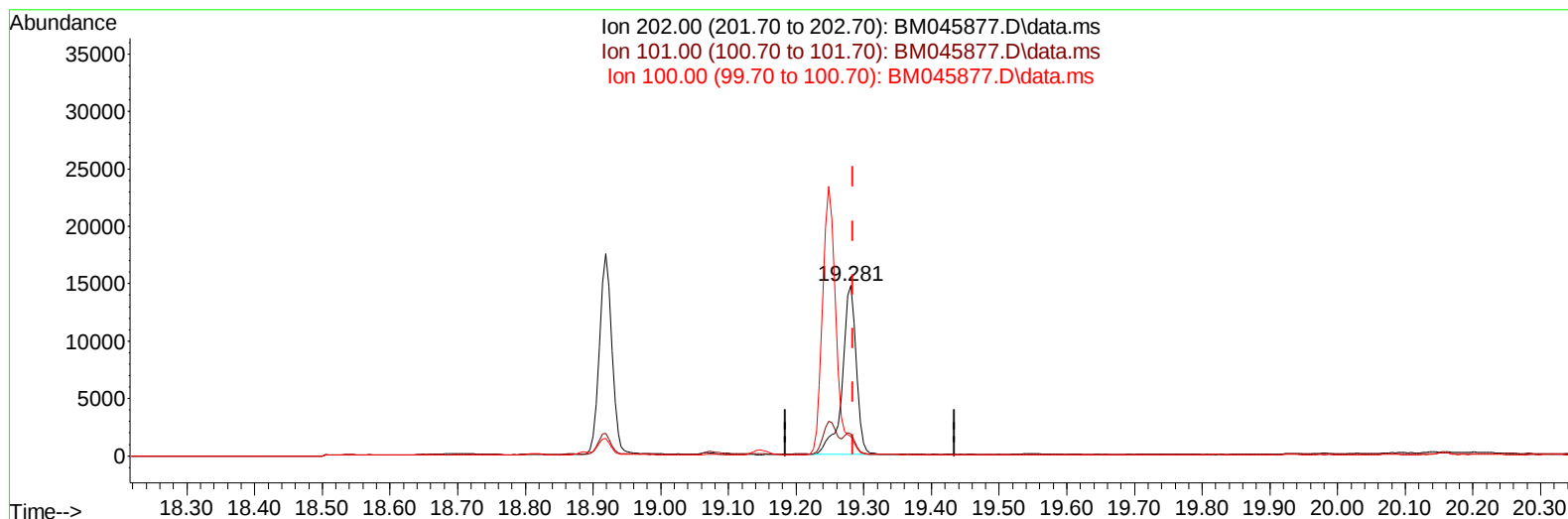
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045877.D
Acq On : 07 Jun 2024 11:52
Operator : MA/JU
Sample : P2586-17
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C37

Manual IntegrationsAPPROVED

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TIC: BM045877.D\data.ms

(20) Pyrene

19.281min (-0.003) 0.26 ng/u1

response 21061

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.30	12.98
100.00	11.40	11.31
0.00	0.00	0.00

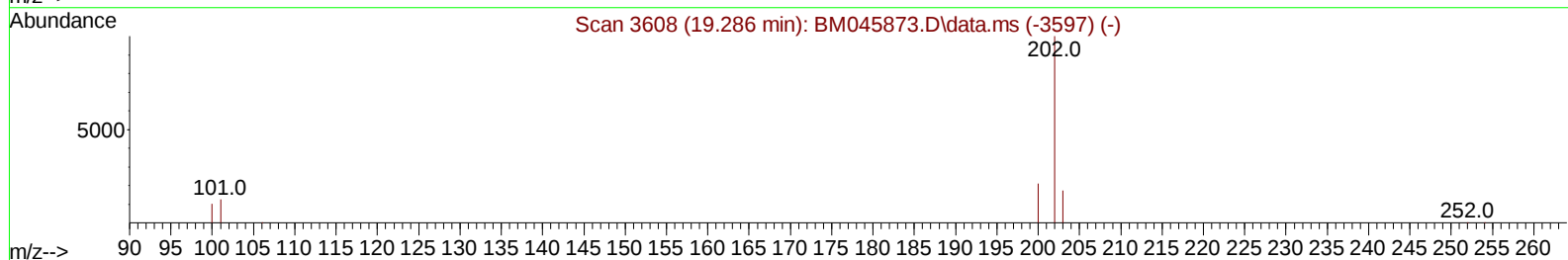
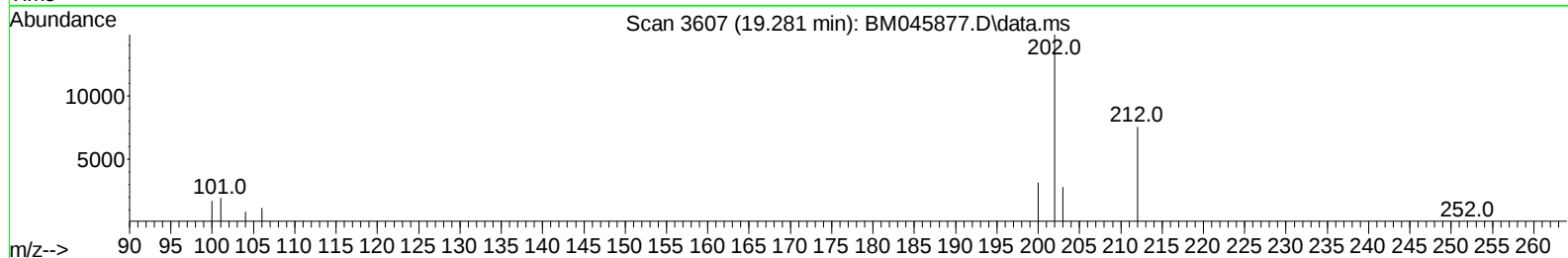
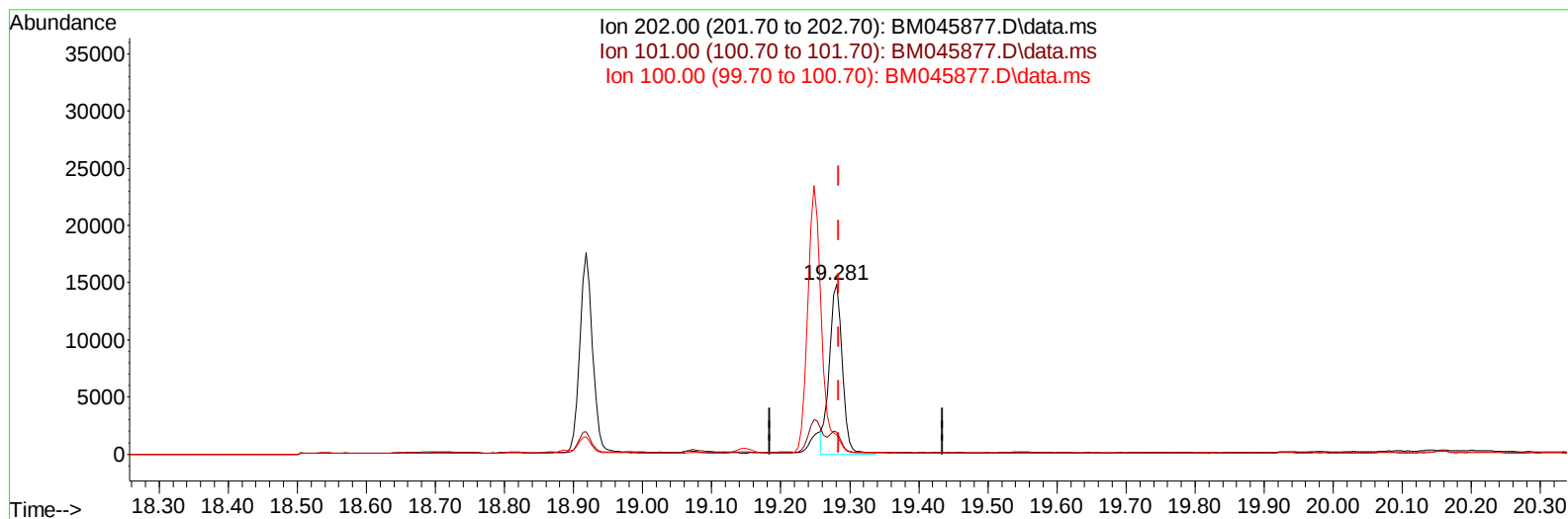
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045877.D
Acq On : 07 Jun 2024 11:52
Operator : MA/JU
Sample : P2586-17
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C37

Manual IntegrationsAPPROVED

Quant Time: Jun 07 12:47:35 2024
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TIC: BM045877.D\data.ms

(20) Pyrene

19.281min (-0.003) 0.25 ng/u1 m

response 19609

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.30	12.98
100.00	11.40	11.31
0.00	0.00	0.00

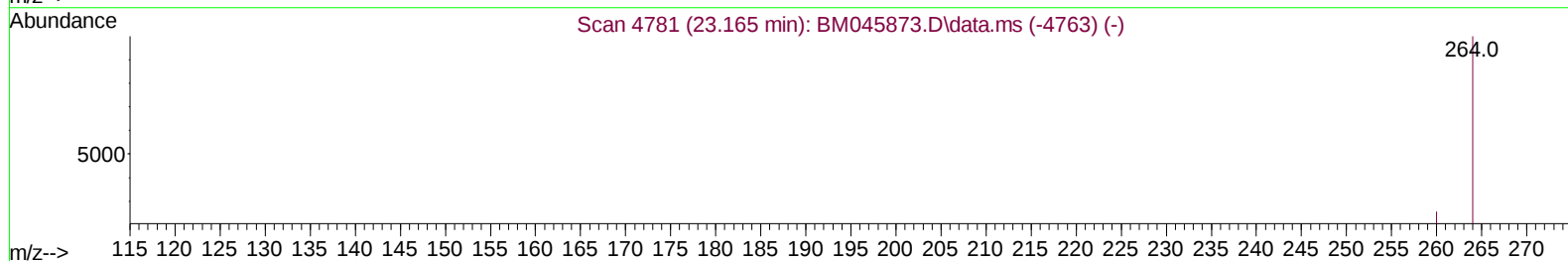
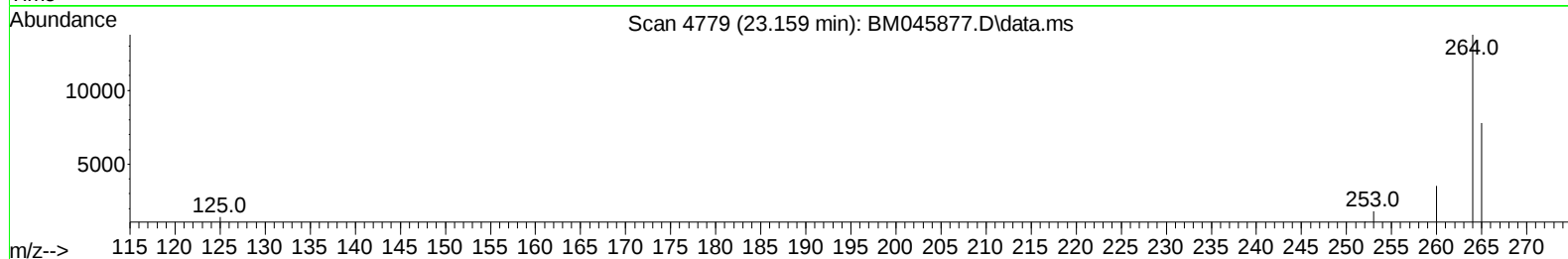
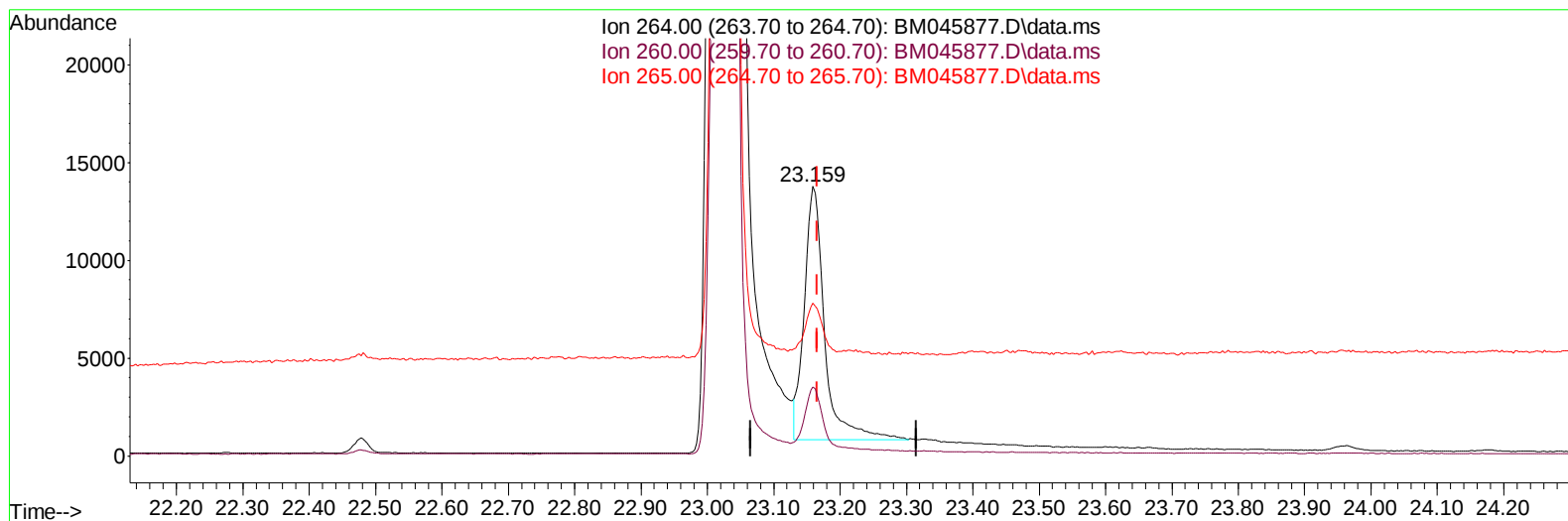
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ALS Vial : 6 Sample Multiplier: 1

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TIC: BM045877.D\data.ms

(23) Perylene-d12 (I)

23.159min (-0.006) 0.40 ng/u1

response 27194

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.70	25.49
265.00	76.60	56.68#
0.00	0.00	0.00

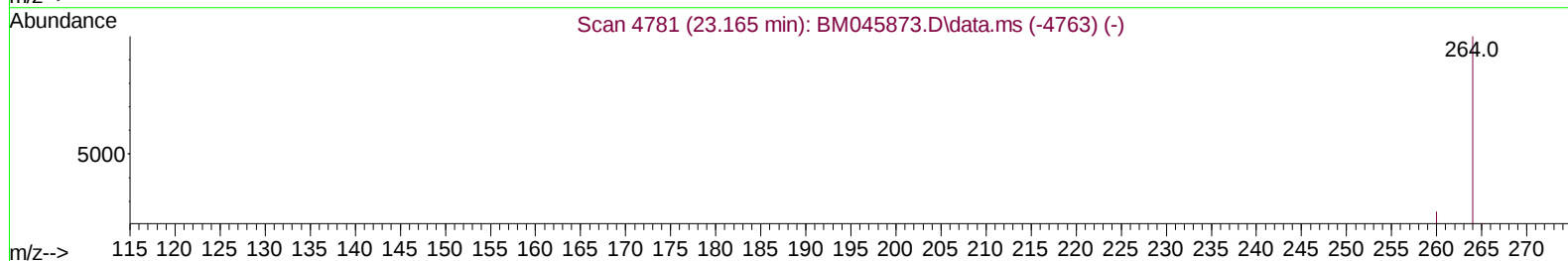
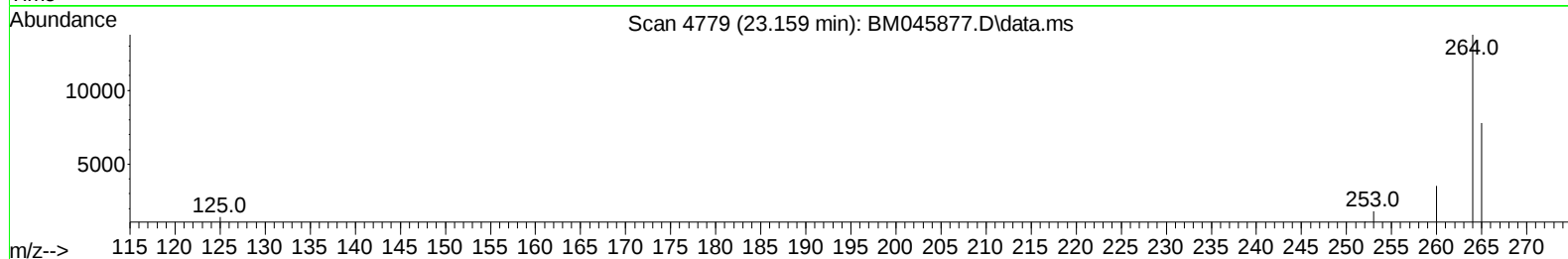
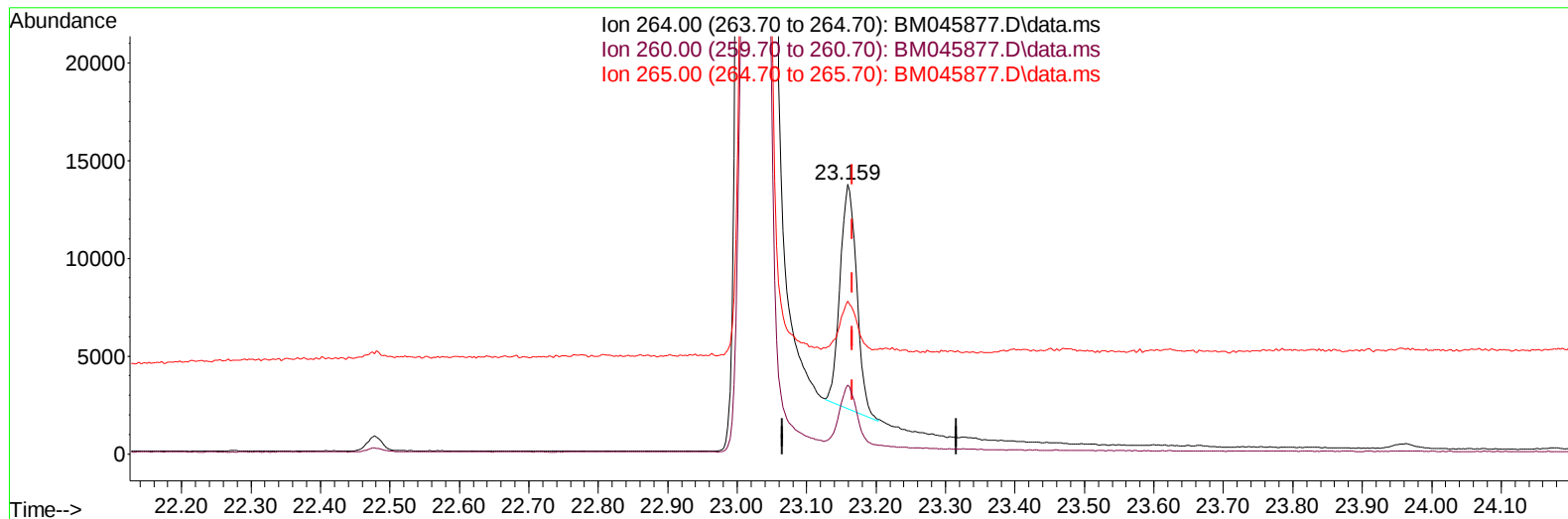
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045877.D
Acq On : 07 Jun 2024 11:52
Operator : MA/JU
Sample : P2586-17
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C37

Manual IntegrationsAPPROVED

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Quant Time: Jun 07 12:47:35 2024
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TIC: BM045877.D\data.ms

(23) Perylene-d12 (I)

23.159min (-0.006) 0.40 ng/ul m

response 19055

Ion	Exp%	Act%
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264.00	100.00	100.00
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260.00	25.70	25.49
--------	-------	-------

265.00	76.60	56.68#
--------	-------	--------

0.00	0.00	0.00
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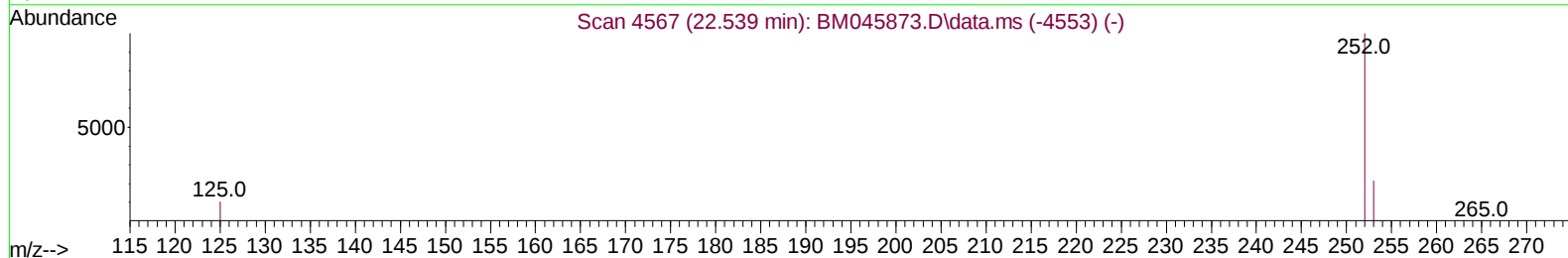
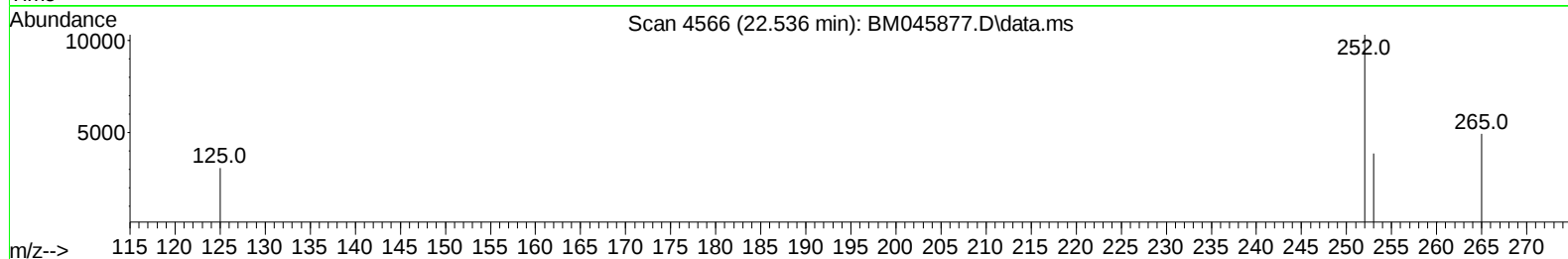
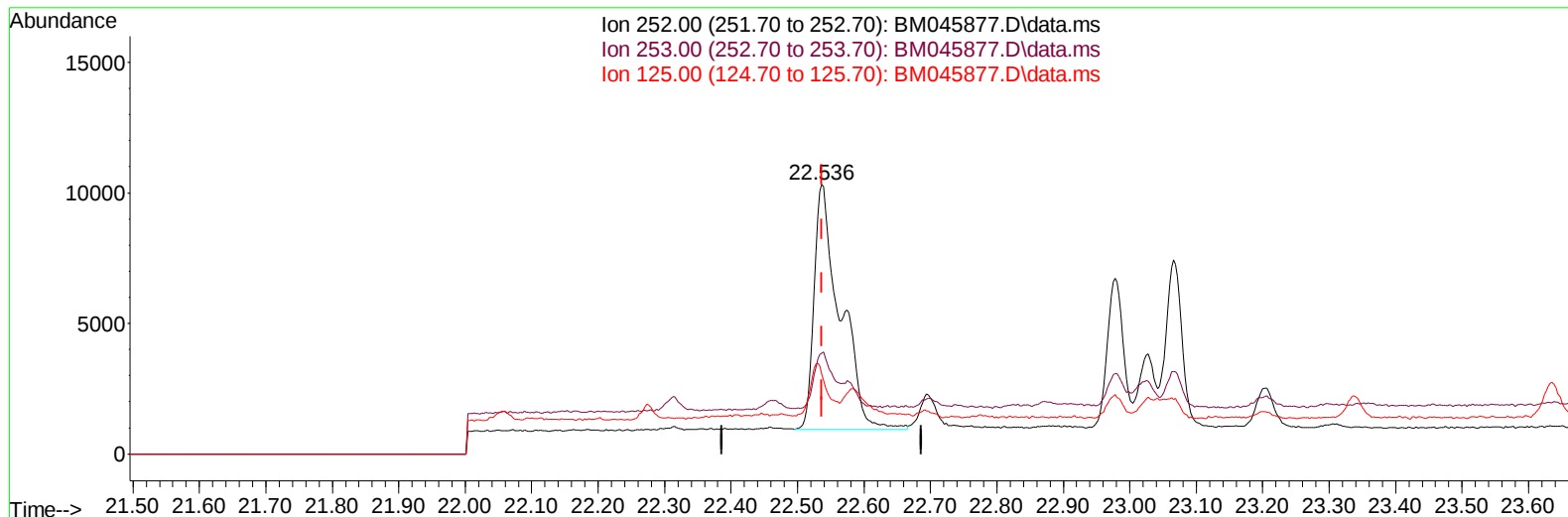
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045877.D
Acq On : 07 Jun 2024 11:52
Operator : MA/JU
Sample : P2586-17
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C37

Manual IntegrationsAPPROVED

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TIC: BM045877.D\data.ms

(24) Benzo(b)fluoranthene

22.536min (-0.001) 0.41 ng/u1

response 25815

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.80	37.28
125.00	17.90	29.70
0.00	0.00	0.00

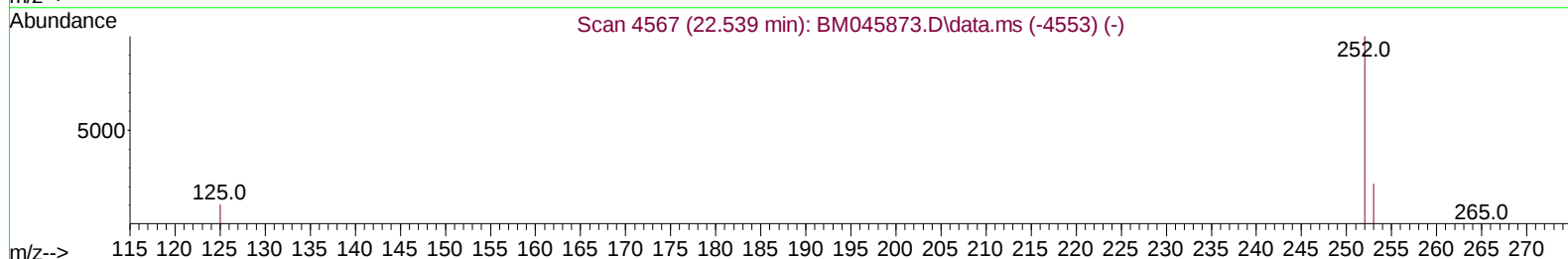
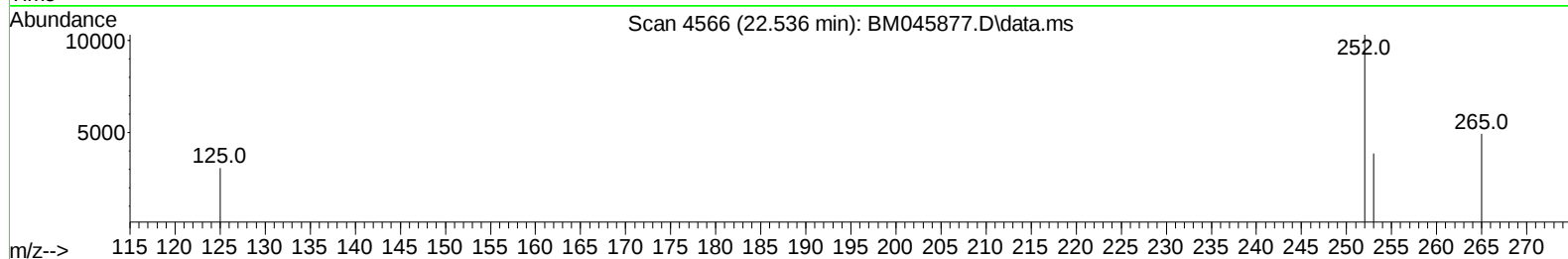
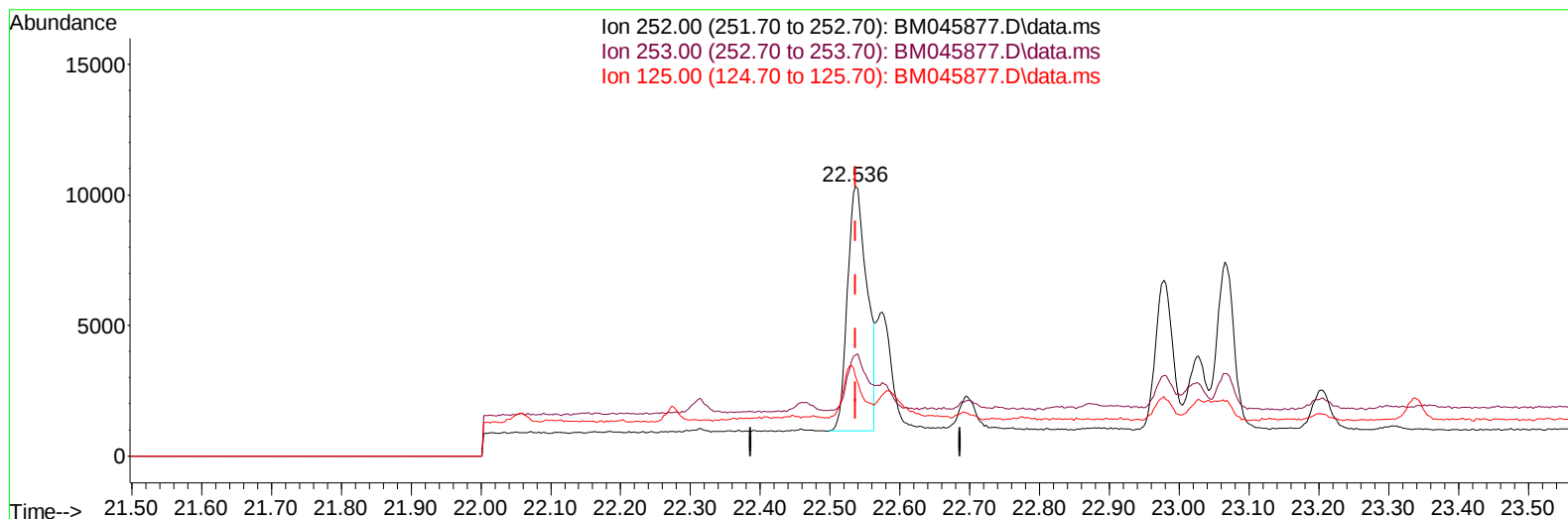
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045877.D
Acq On : 07 Jun 2024 11:52
Operator : MA/JU
Sample : P2586-17
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C37

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024

Quant Time: Jun 07 12:47:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 06 17:58:22 2024
Response via : Initial Calibration



TIC: BM045877.D\data.ms

(24) Benzo(b)fluoranthene

22.536min (-0.001) 0.29 ng/u1 m

response 18185

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.80	37.28
125.00	17.90	29.70
0.00	0.00	0.00

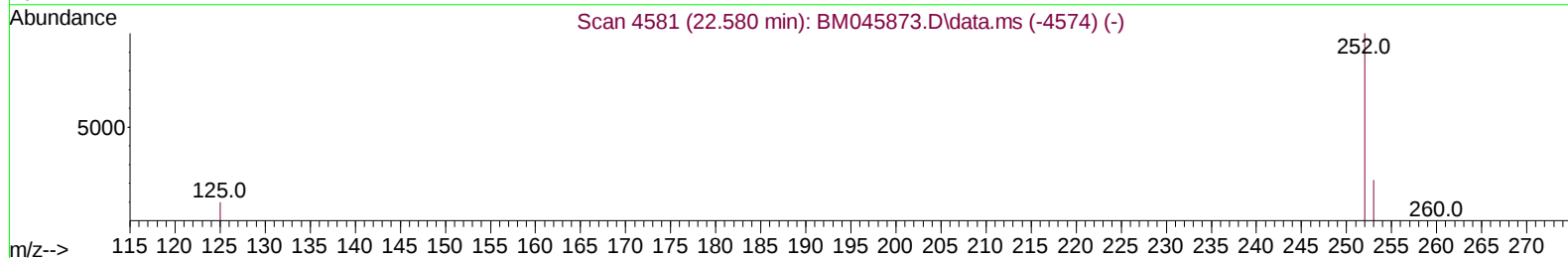
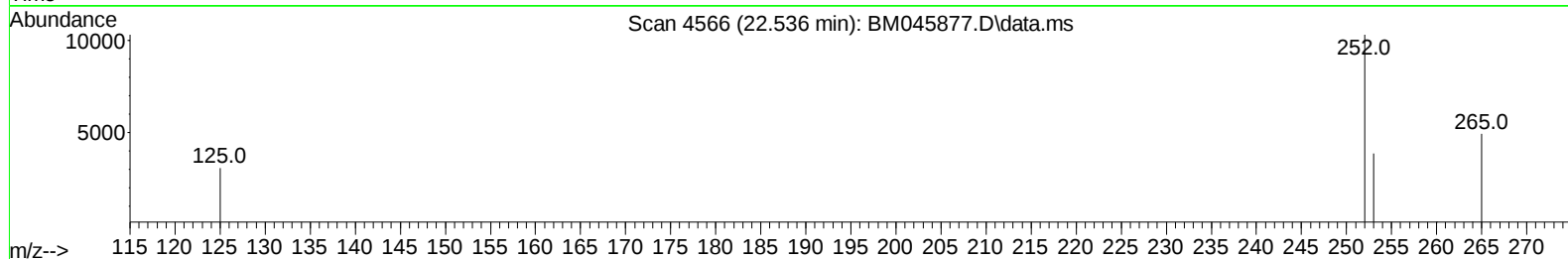
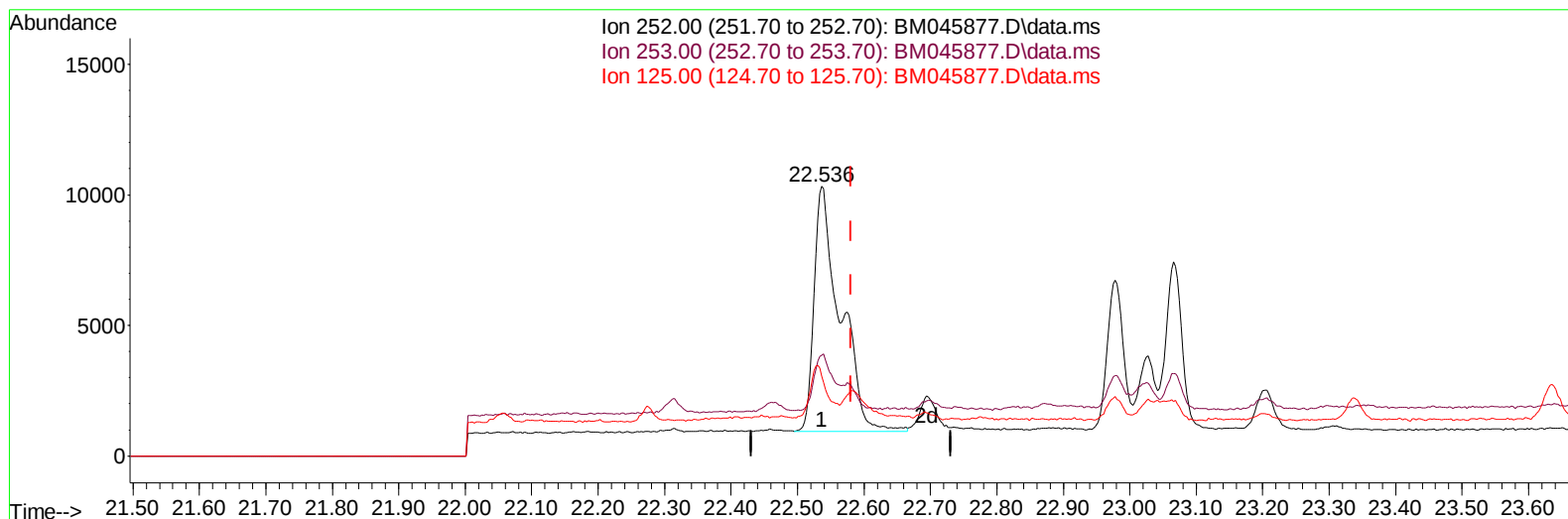
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045877.D
Acq On : 07 Jun 2024 11:52
Operator : MA/JU
Sample : P2586-17
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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TIC: BM045877.D\data.ms

(25) Benzo(k)fluoranthene

22.536min (-0.044) 0.37 ng/u1

response 25815

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.30	37.28
125.00	17.70	29.70#
0.00	0.00	0.00

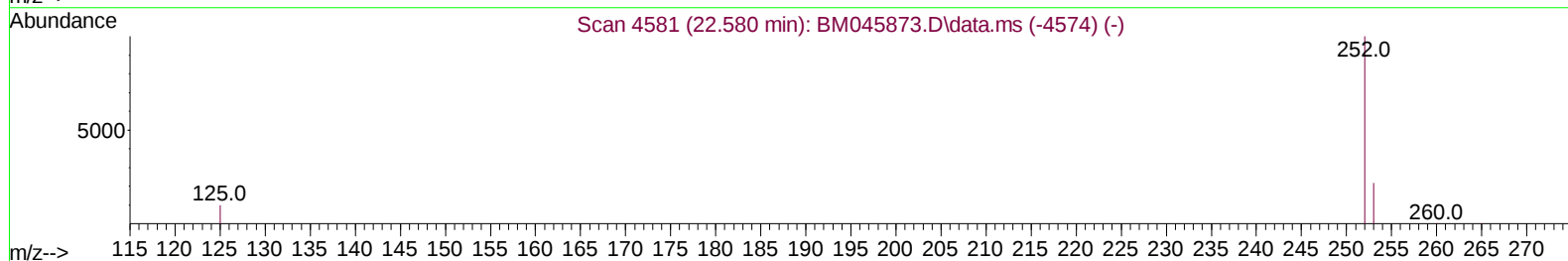
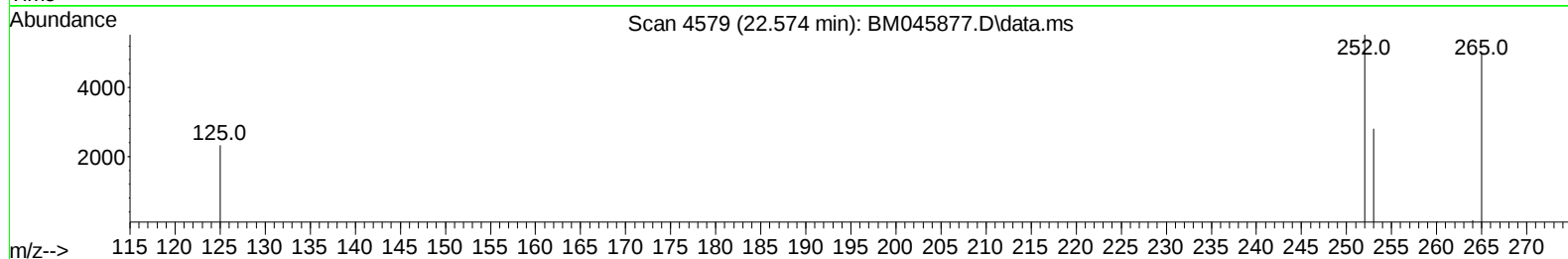
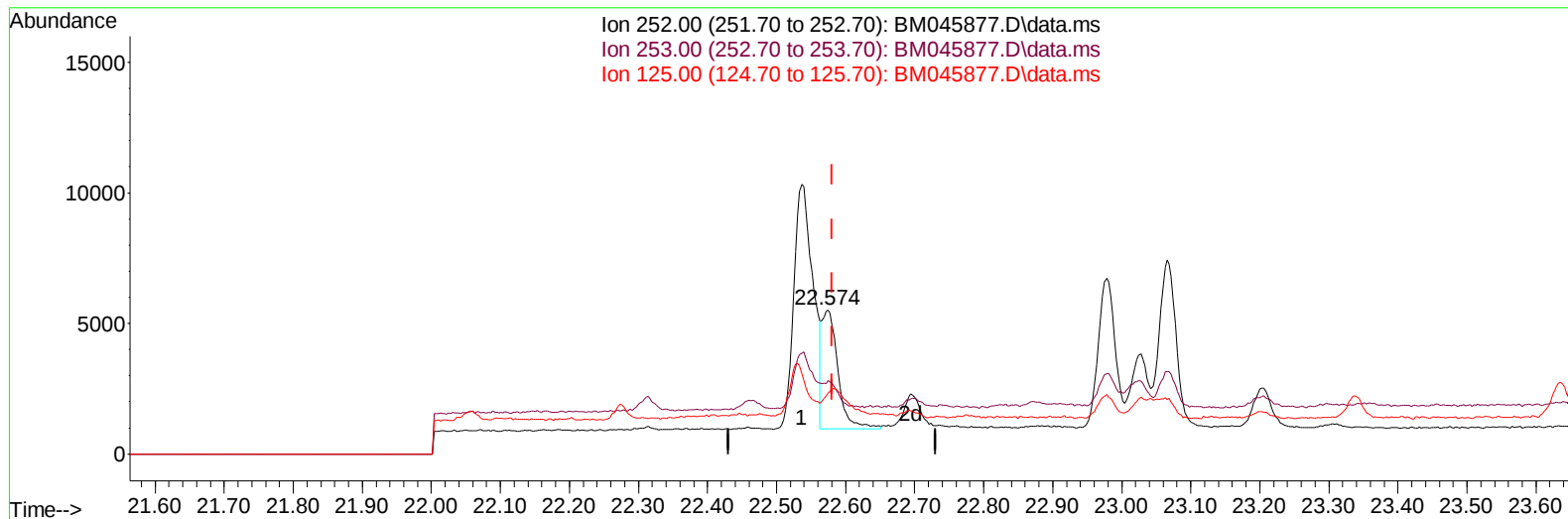
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045877.D
Acq On : 07 Jun 2024 11:52
Operator : MA/JU
Sample : P2586-17
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C37

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TIC: BM045877.D\data.ms

(25) Benzo(k)fluoranthene

22.574min (-0.006) 0.11 ng/u1 m

response 7304

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.30	50.76#
125.00	17.70	42.14#
0.00	0.00	0.00

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 Sample : P2586-17
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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 QLast Update : Thu Jun 06 17:58:22 2024
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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.472	152		5567	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.238	136		18964	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.118	164		10459	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.854	188		23535m	0.400	ng/ul	-0.01
17) Chrysene-d12	21.049	240		19224m	0.400	ng/ul	0.00
23) Perylene-d12	23.159	264		19055m	0.400	ng/ul	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.063	96		24638	3.886	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.844	152		6611	0.242	ng/ul	0.00
18) Fluoranthene-d10	18.890	212		14932	0.259	ng/ul	0.00
Target Compounds							Qvalue
15) Phenanthrene	16.896	178		8905m	0.135	ng/ul	
16) Anthracene	16.985	178		1905m	0.034	ng/ul	
19) Fluoranthene	18.918	202		22500	0.294	ng/ul	100
20) Pyrene	19.281	202		19609m	0.245	ng/ul	
21) Benzo(a)anthracene	21.035	228		10404	0.147	ng/ul	96
22) Chrysene	21.084	228		12575	0.164	ng/ul	98
24) Benzo(b)fluoranthene	22.536	252		18185m	0.288	ng/ul	
25) Benzo(k)fluoranthene	22.574	252		7304m	0.105	ng/ul	
26) Benzo(a)pyrene	23.066	252		10947	0.174	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	25.225	276		9523	0.117	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.229	278		2287	0.035	ng/ul#	10
29) Benzo(g,h,i)perylene	25.856	276		10367	0.148	ng/ul#	92

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

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