

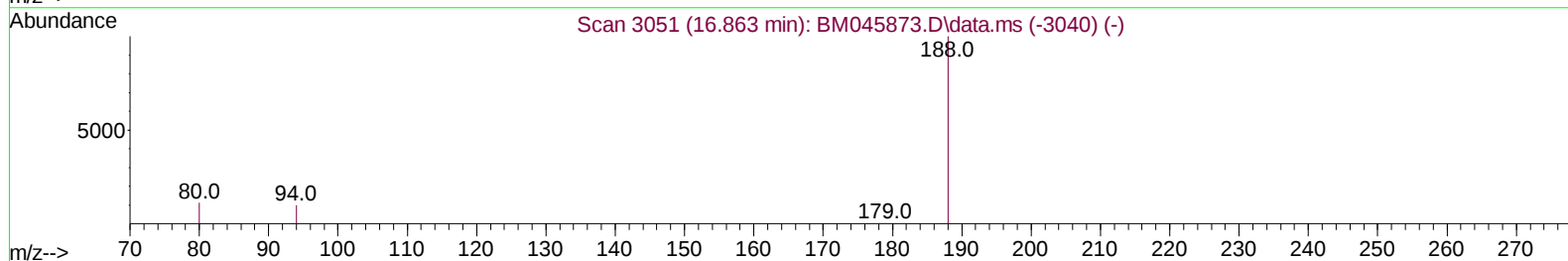
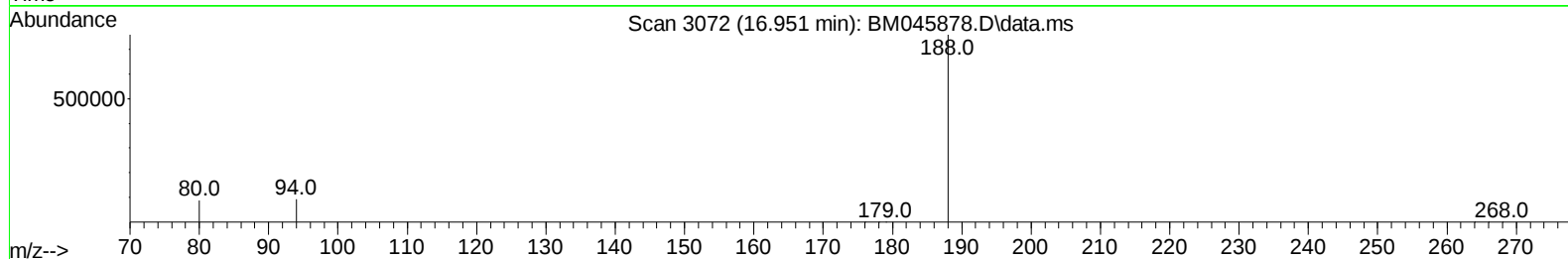
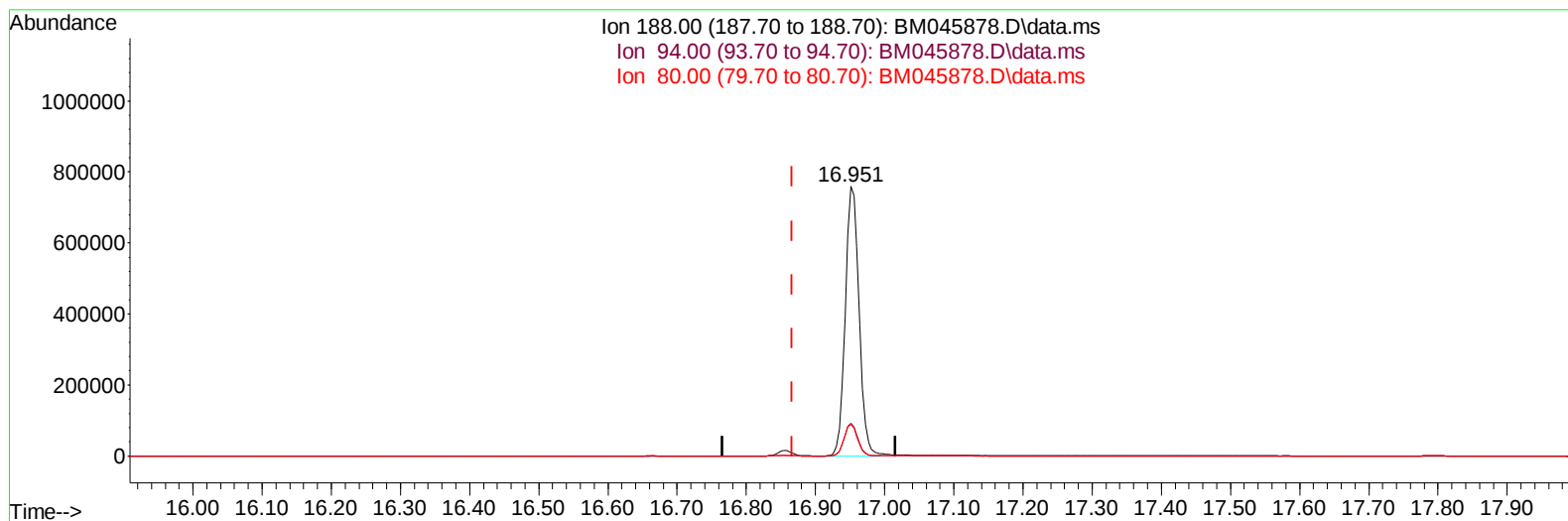
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045878.D
Acq On : 07 Jun 2024 12:29
Operator : MA/JU
Sample : P2586-18
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C38

Manual IntegrationsAPPROVED

Quant Time: Jun 07 12:57:58 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: BM045878.D\data.ms

(13) Phenanthrene-d10 (I)

16.951min (+ 0.085) 0.40 ng/u1

response 1046332

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.50	12.22
80.00	11.70	11.67
0.00	0.00	0.00

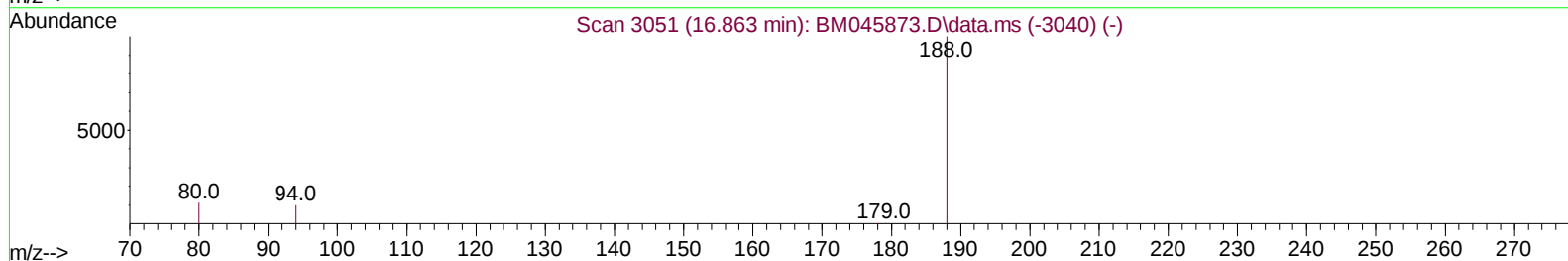
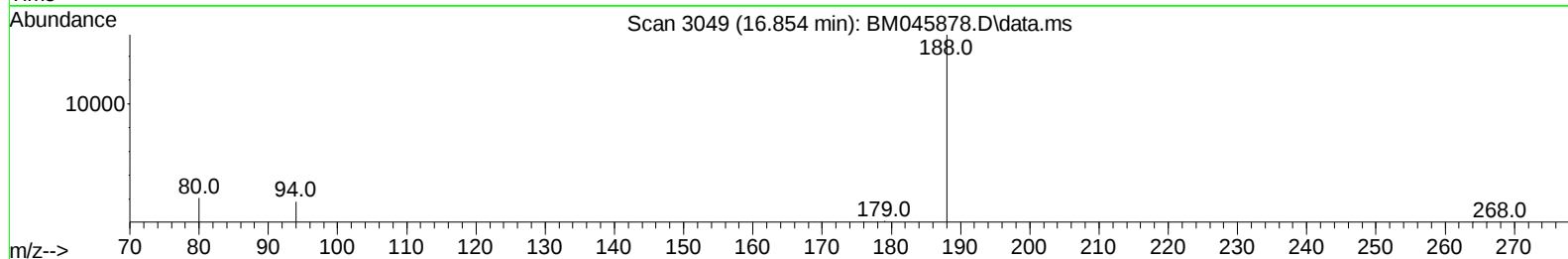
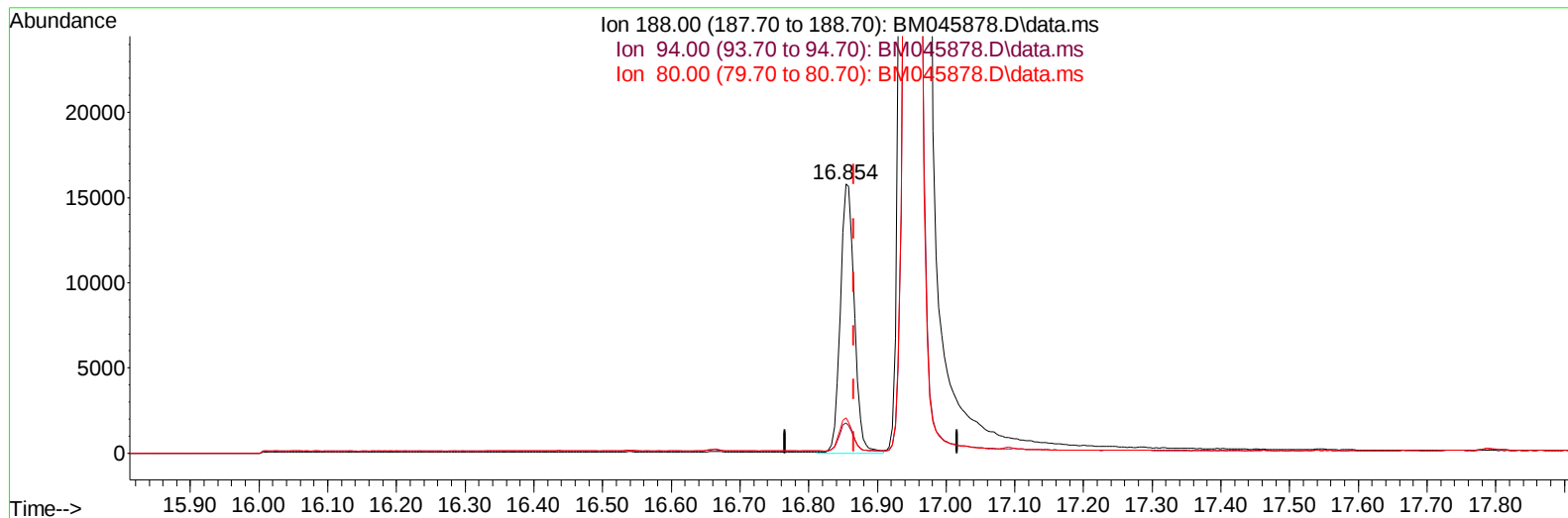
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045878.D
Acq On : 07 Jun 2024 12:29
Operator : MA/JU
Sample : P2586-18
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C38

Manual IntegrationsAPPROVED

Quant Time: Jun 07 12:57:58 2024
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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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Reviewed By :Yogesh Patel 06/08/2024
Supervised By :mohammad ahmed 06/13/2024



TIC: BM045878.D\data.ms

(13) Phenanthrene-d10 (I)

16.854min (-0.012) 0.40 ng/u1 m

response 22306

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.50	11.25
80.00	11.70	13.14
0.00	0.00	0.00

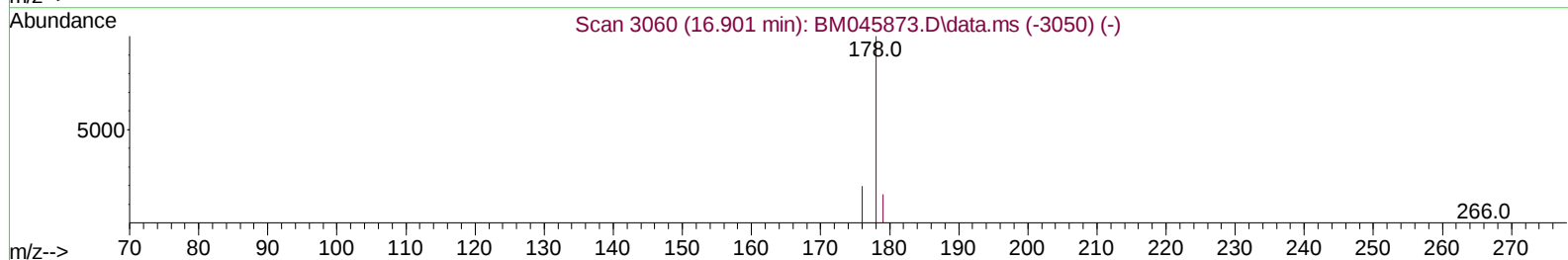
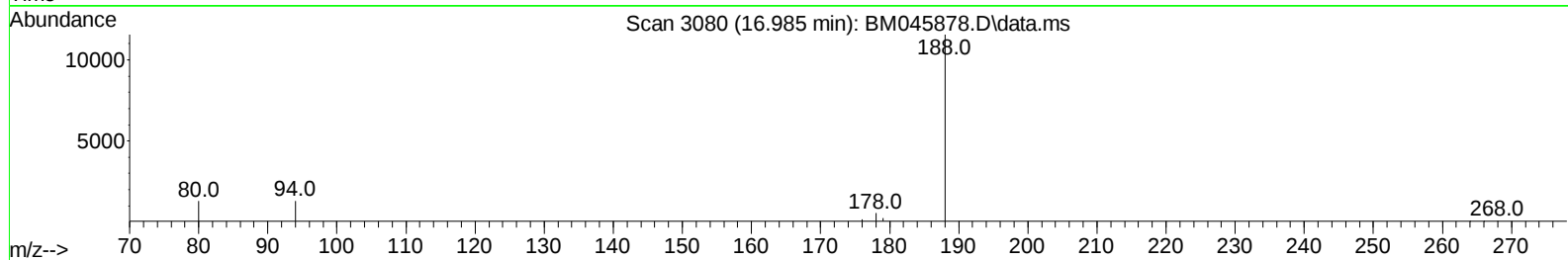
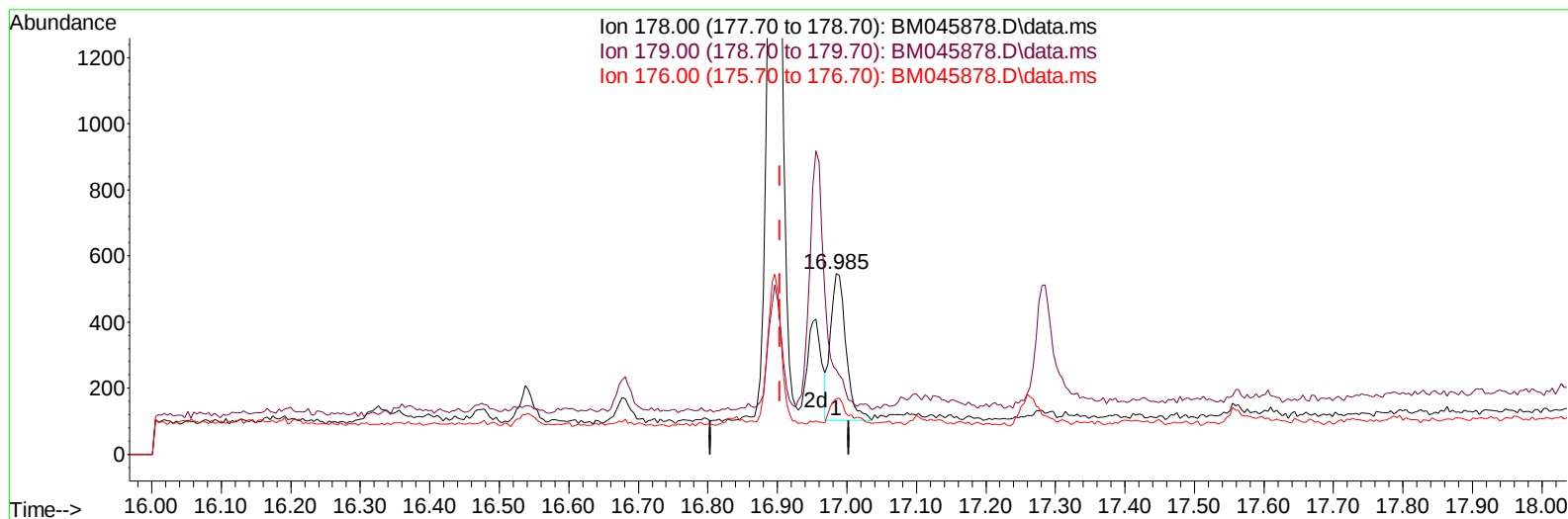
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045878.D
Acq On : 07 Jun 2024 12:29
Operator : MA/JU
Sample : P2586-18
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C38

Manual IntegrationsAPPROVED

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

Quant Time: Jun 07 12:57:58 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: BM045878.D\data.ms

(15) Phenanthrene

16.985min (+ 0.081) 0.01 ng/u1

response 685

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.90	46.80#
176.00	19.50	30.53#
0.00	0.00	0.00

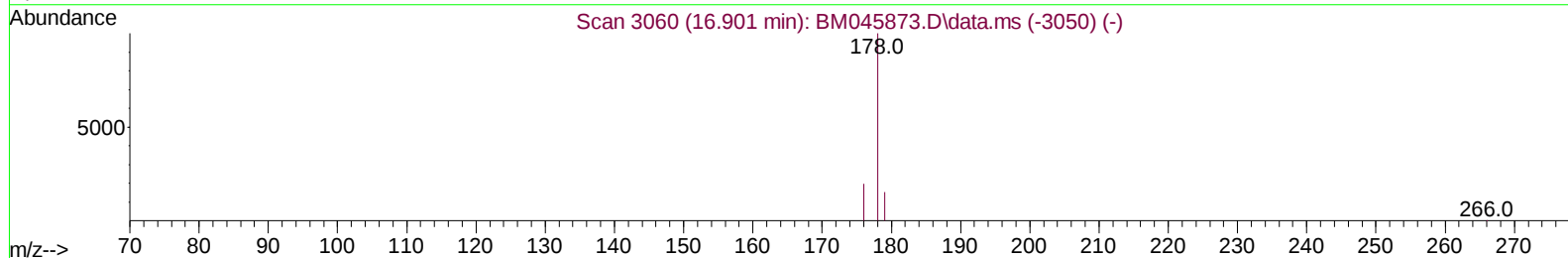
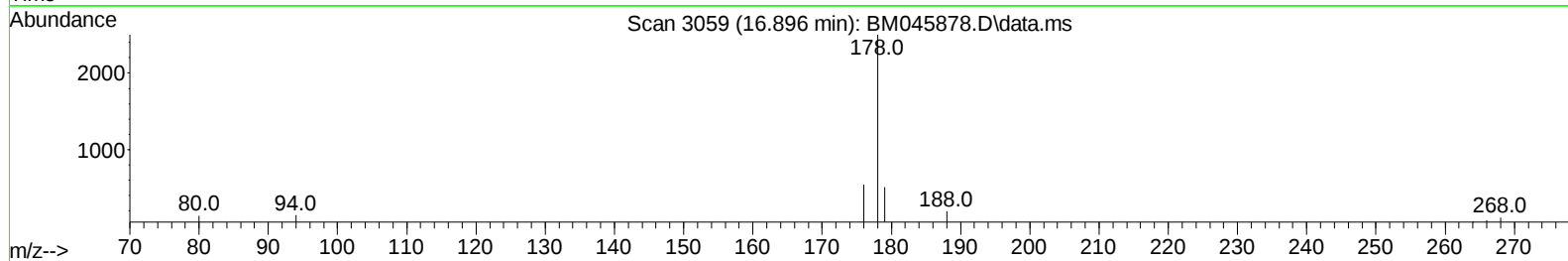
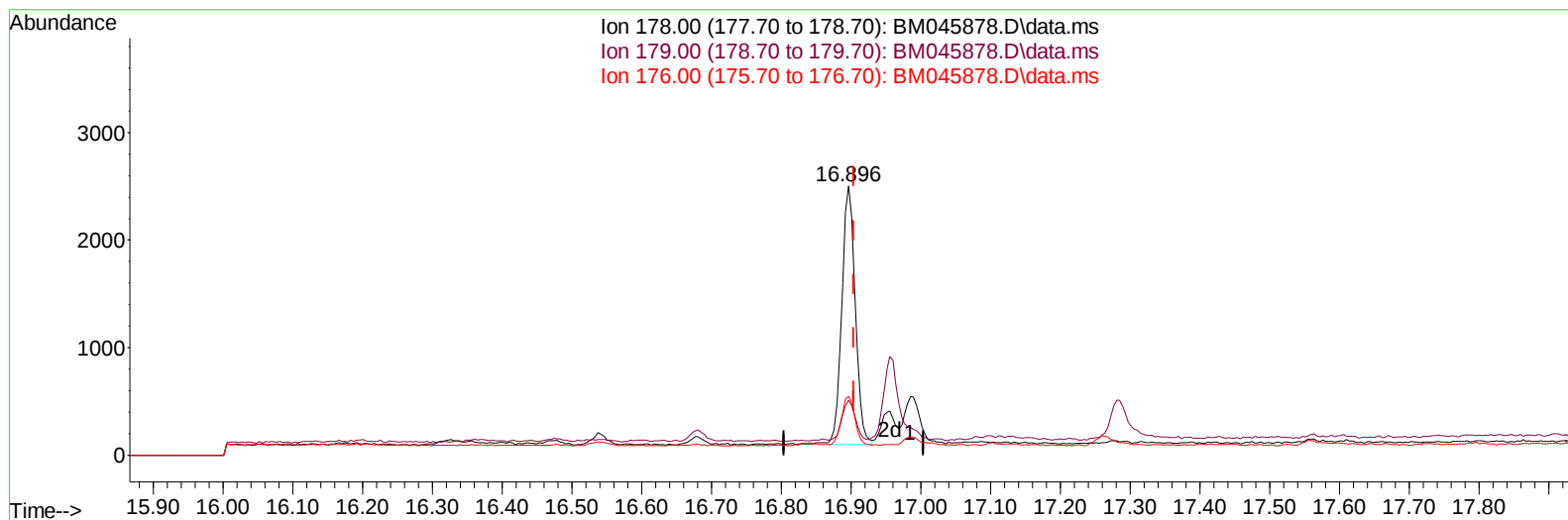
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
 Data File : BM045878.D
 Acq On : 07 Jun 2024 12:29
 Operator : MA/JU
 Sample : P2586-18
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C38

Manual IntegrationsAPPROVED

Quant Time: Jun 07 12:57:58 2024
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 QLast Update : Thu Jun 06 17:58:22 2024
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Reviewed By :Yogesh Patel 06/08/2024
 Supervised By :mohammad ahmed 06/13/2024



TIC: BM045878.D\data.ms

(15) Phenanthrene

16.896min (-0.007) 0.05 ng/u1 m

response 3213

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.90	20.50#
176.00	19.50	21.78
0.00	0.00	0.00

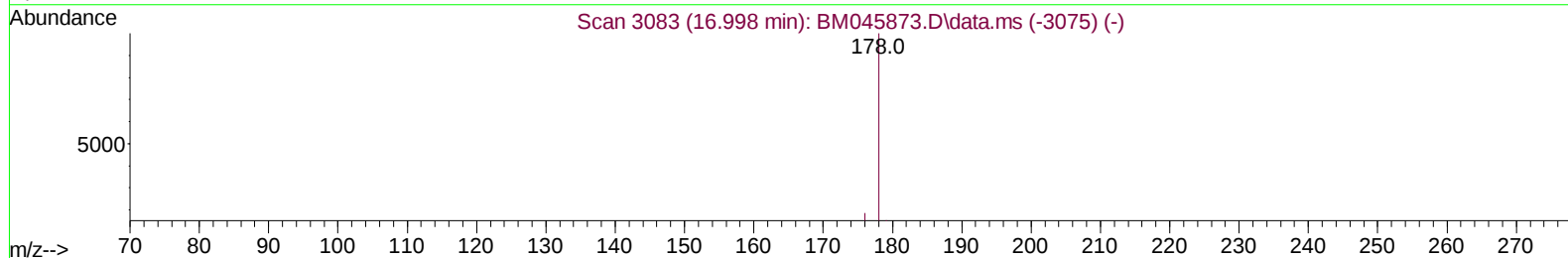
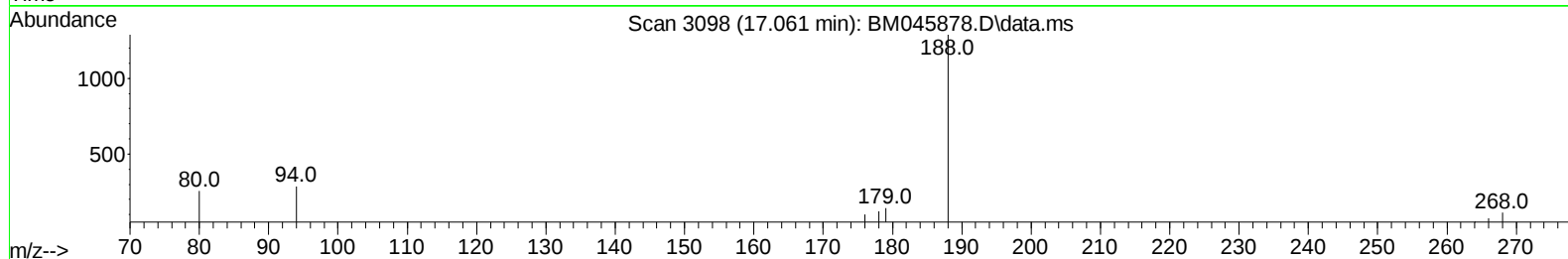
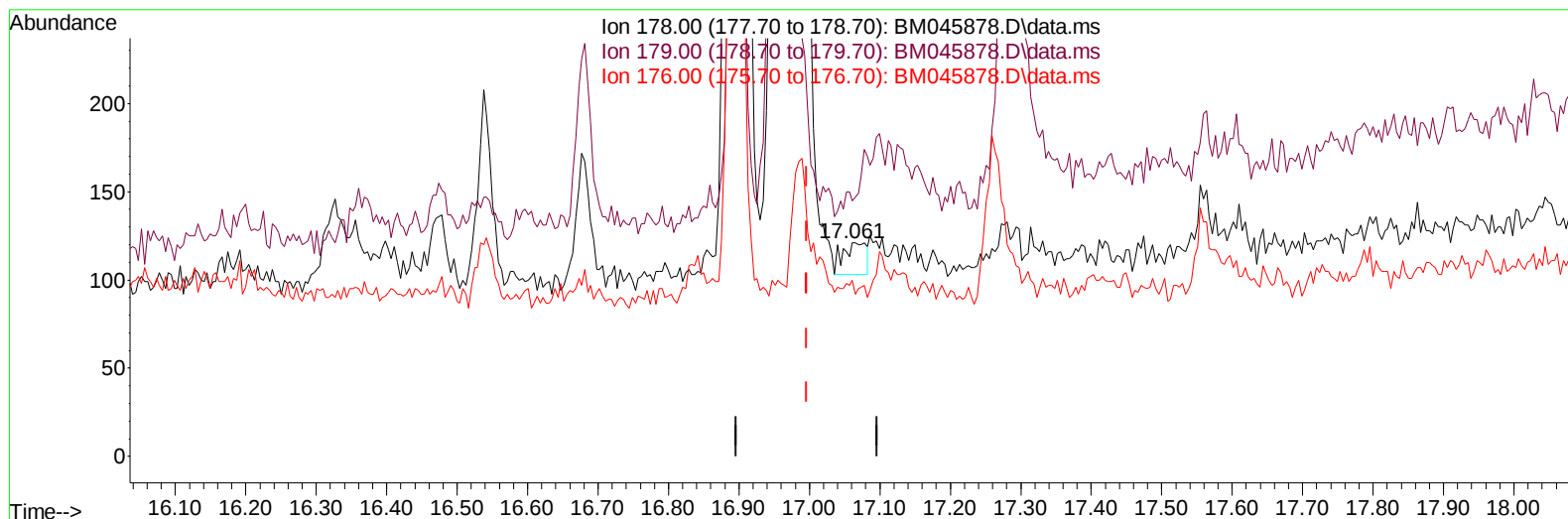
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045878.D
Acq On : 07 Jun 2024 12:29
Operator : MA/JU
Sample : P2586-18
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C38

Manual IntegrationsAPPROVED

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TIC: BM045878.D\data.ms

(16) Anthracene

17.061min (+ 0.065) 0.00 ng/u1

response 42

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.40	119.83#
176.00	19.40	82.64#
0.00	0.00	0.00

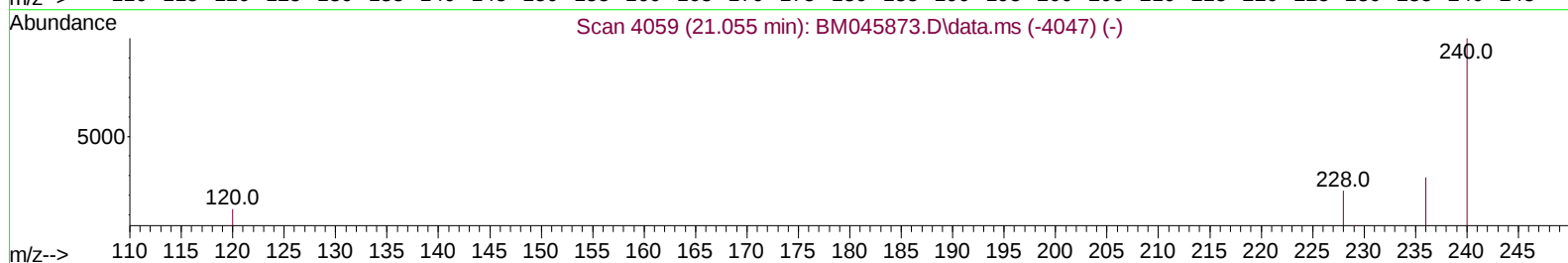
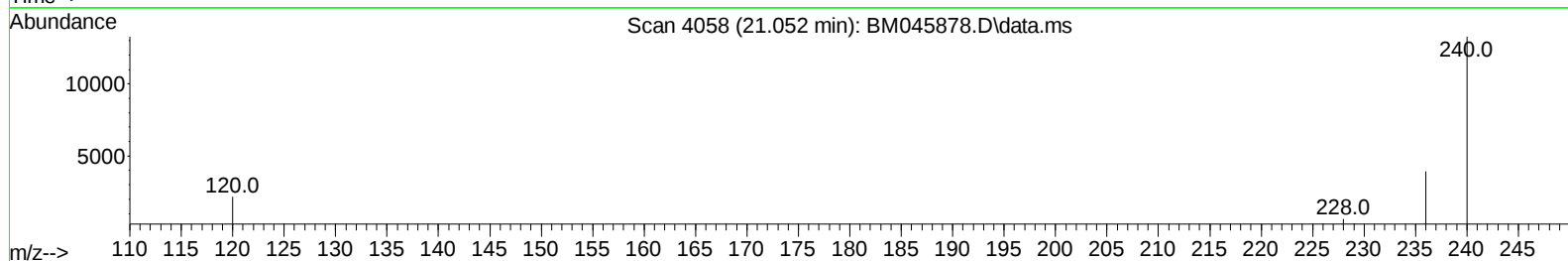
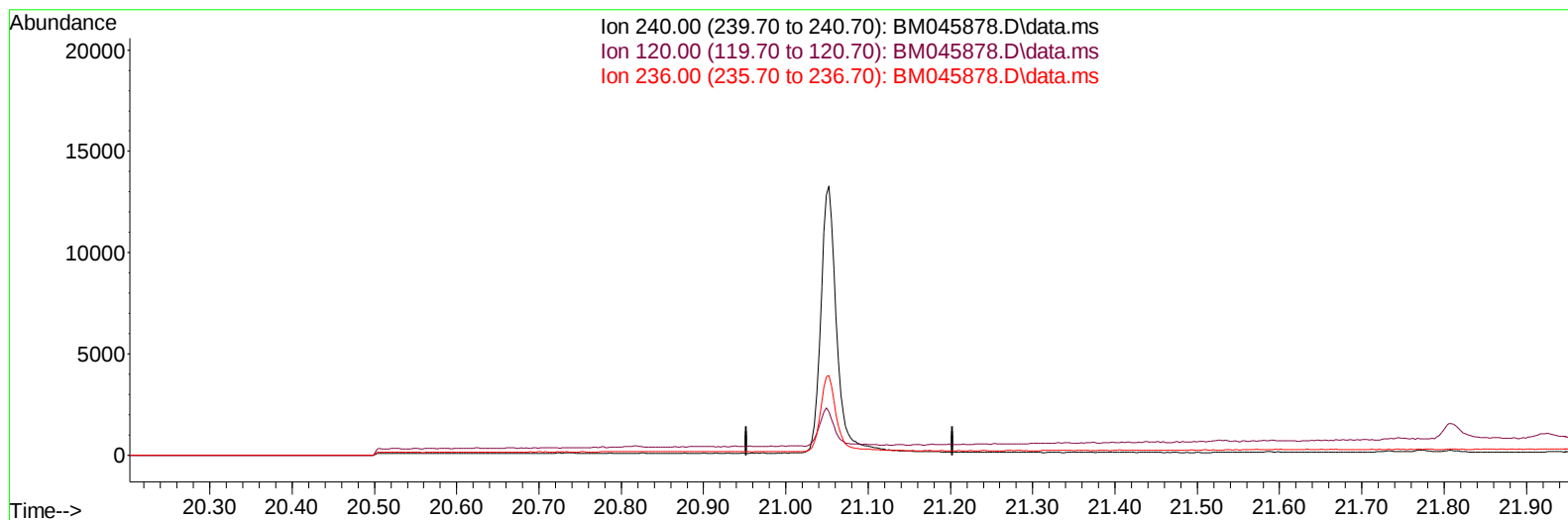
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Data File : BM045878.D
Acq On : 07 Jun 2024 12:29
Operator : MA/JU
Sample : P2586-18
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C38

Manual IntegrationsAPPROVED

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TIC: BM045878.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

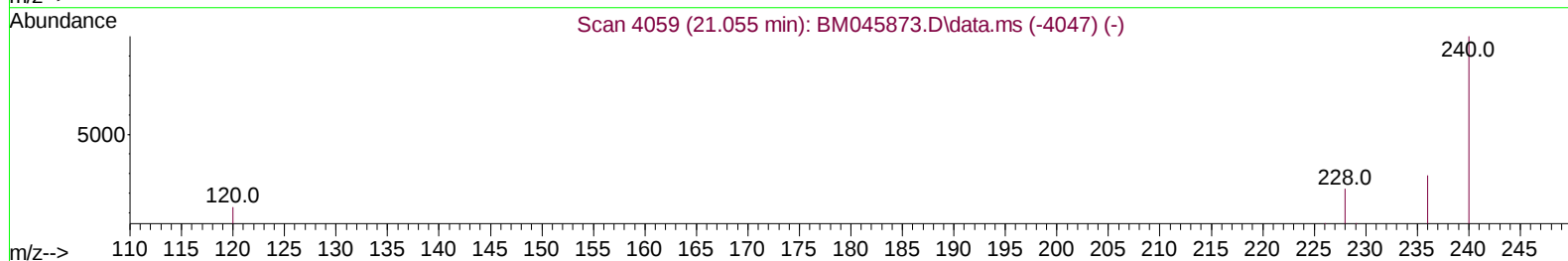
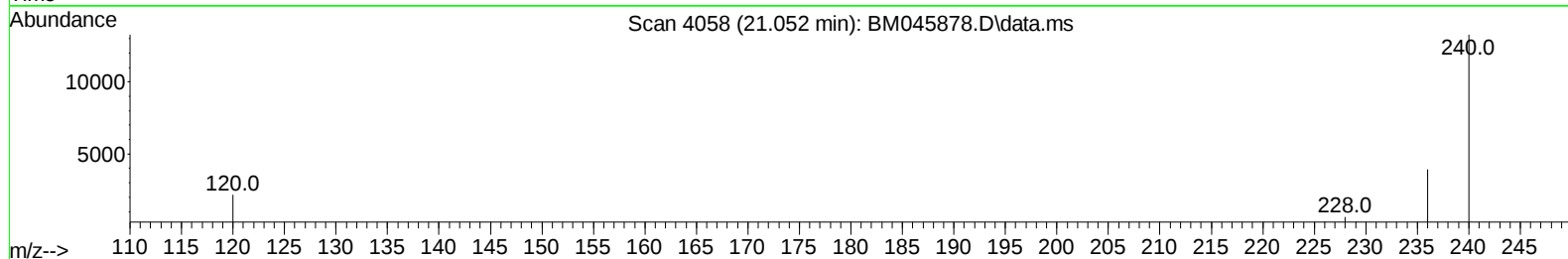
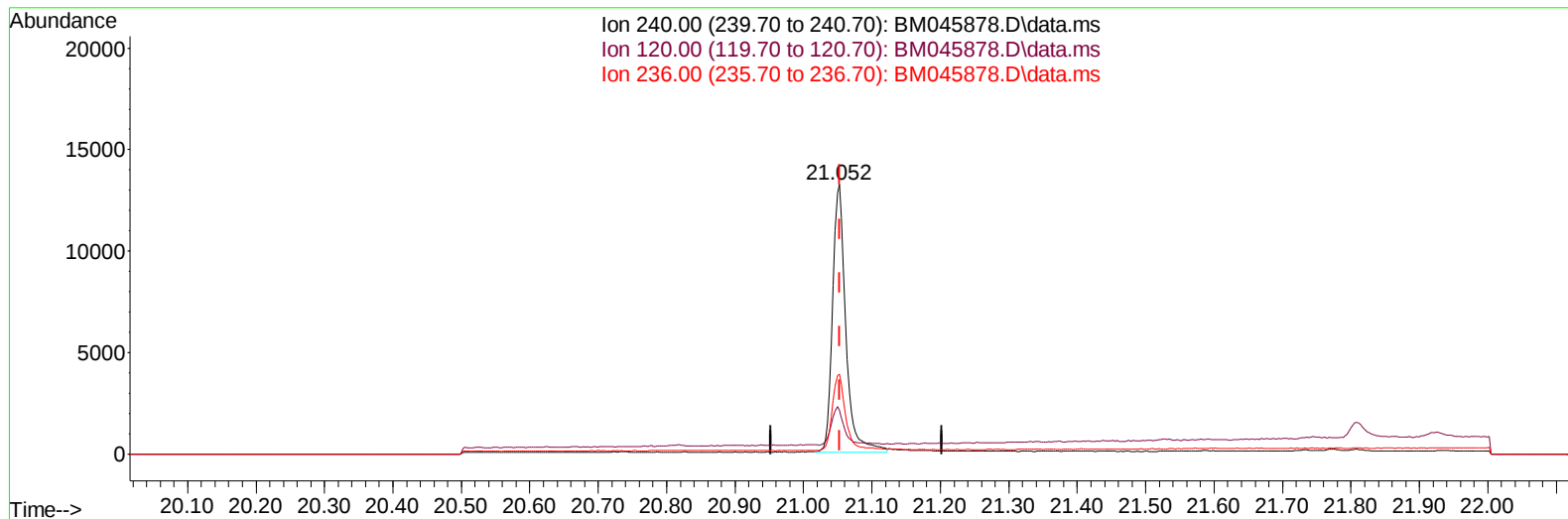
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045878.D
Acq On : 07 Jun 2024 12:29
Operator : MA/JU
Sample : P2586-18
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C38

Manual IntegrationsAPPROVED

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TIC: BM045878.D\data.ms

(17) Chrysene-d12

21.052min (-0.000) 0.40 ng/ul m

response 17815

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.10	16.20
236.00	29.50	29.71
0.00	0.00	0.00

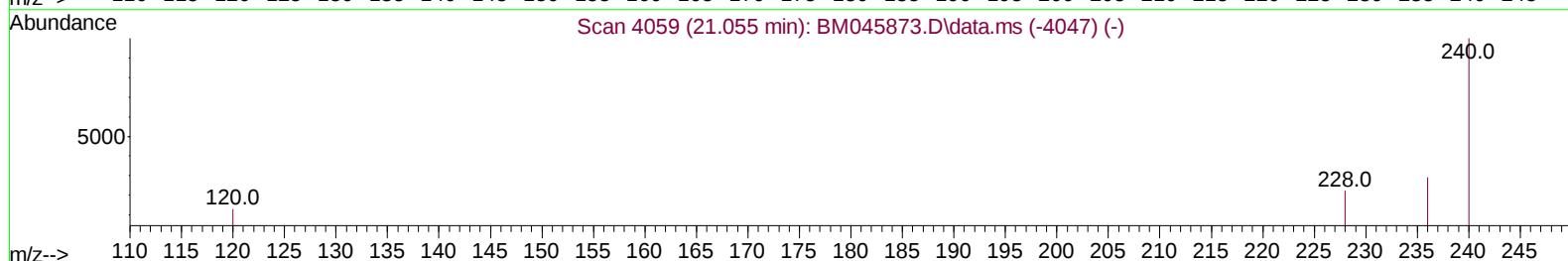
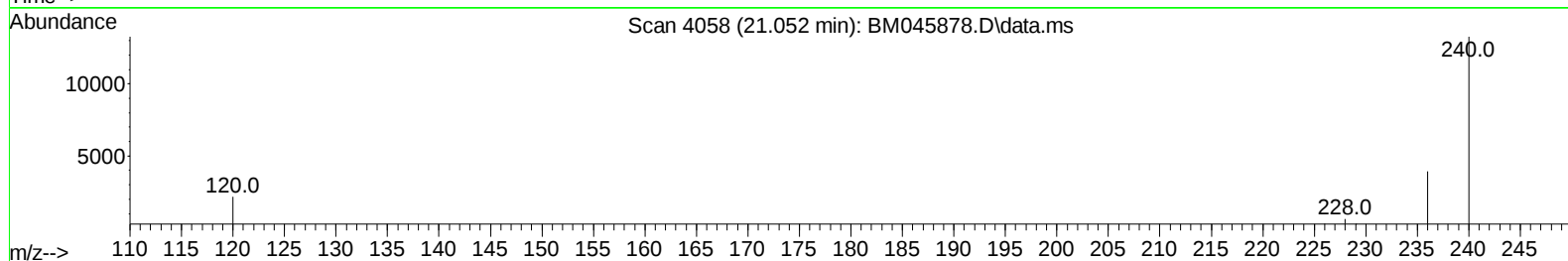
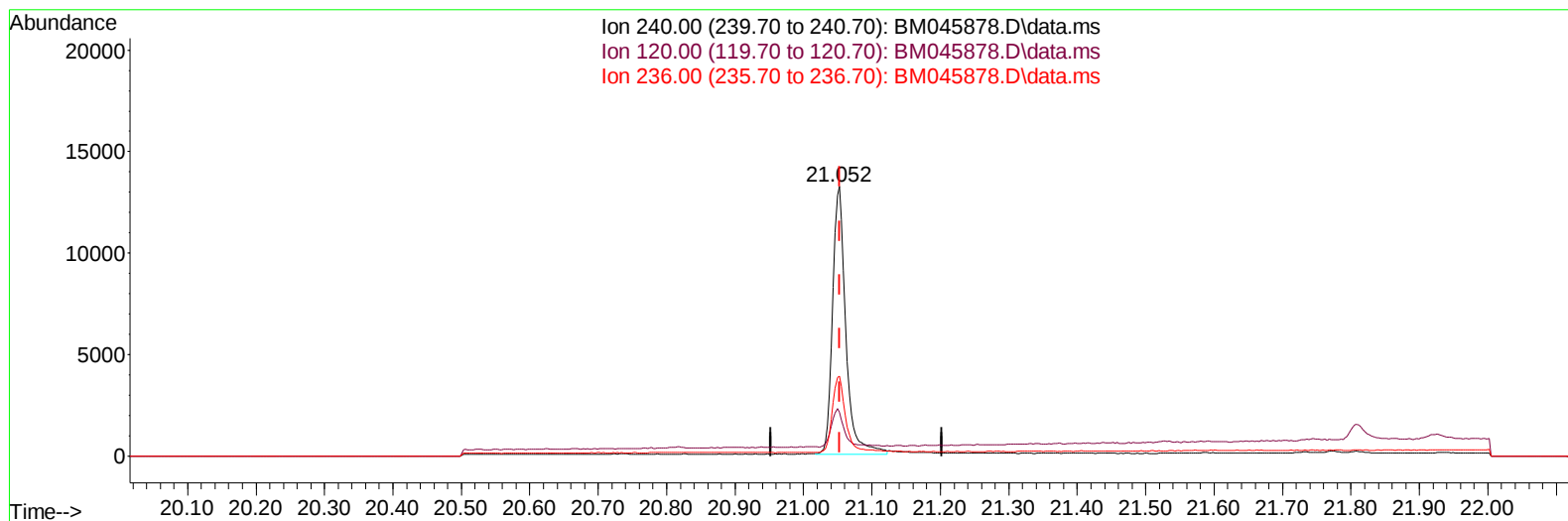
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045878.D
Acq On : 07 Jun 2024 12:29
Operator : MA/JU
Sample : P2586-18
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C38

Manual IntegrationsAPPROVED

Quant Time: Jun 07 12:57:58 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
Supervised By :mohammad ahmed 06/13/2024



TIC: BM045878.D\data.ms

(17) Chrysene-d12

21.052min (-0.000) 0.40 ng/ul m

response 17815

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.10	16.20
236.00	29.50	29.71
0.00	0.00	0.00

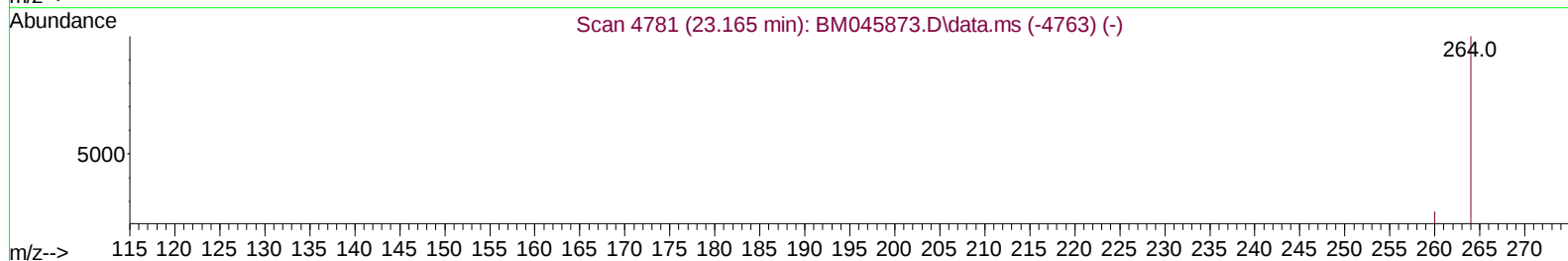
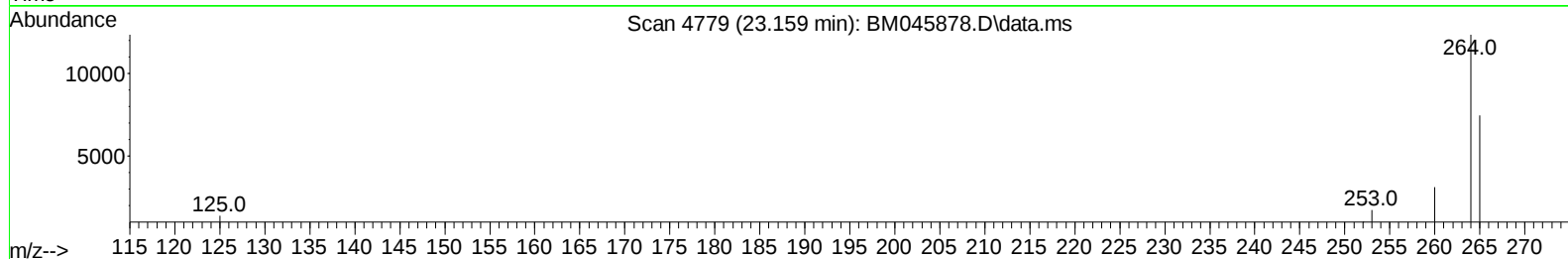
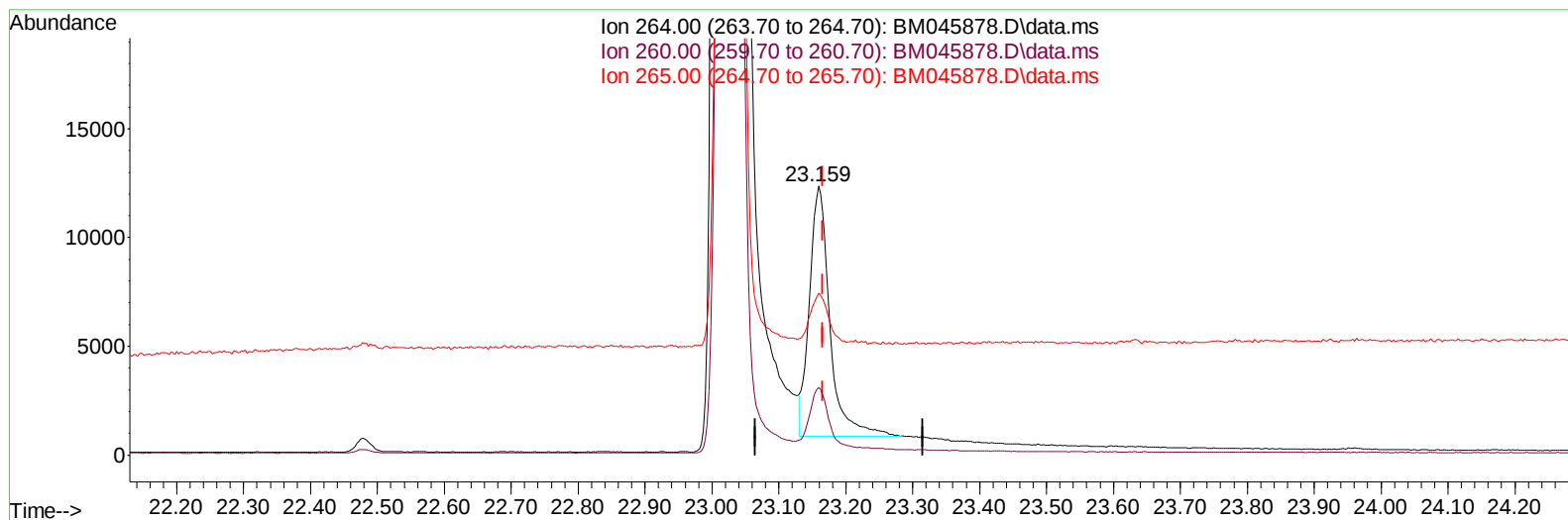
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045878.D
Acq On : 07 Jun 2024 12:29
Operator : MA/JU
Sample : P2586-18
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C38

Manual IntegrationsAPPROVED

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TIC: BM045878.D\data.ms

(23) Perylene-d12 (I)

23.159min (-0.006) 0.40 ng/u1

response 24520

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.70	25.22
265.00	76.60	60.31#
0.00	0.00	0.00

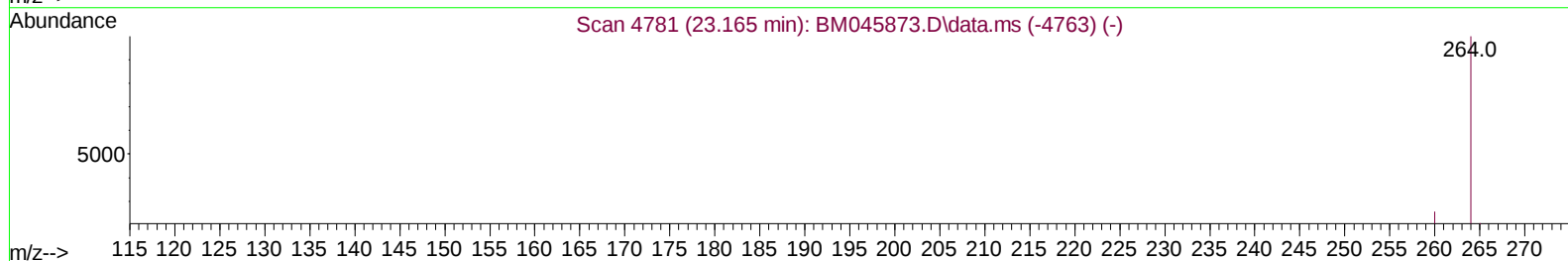
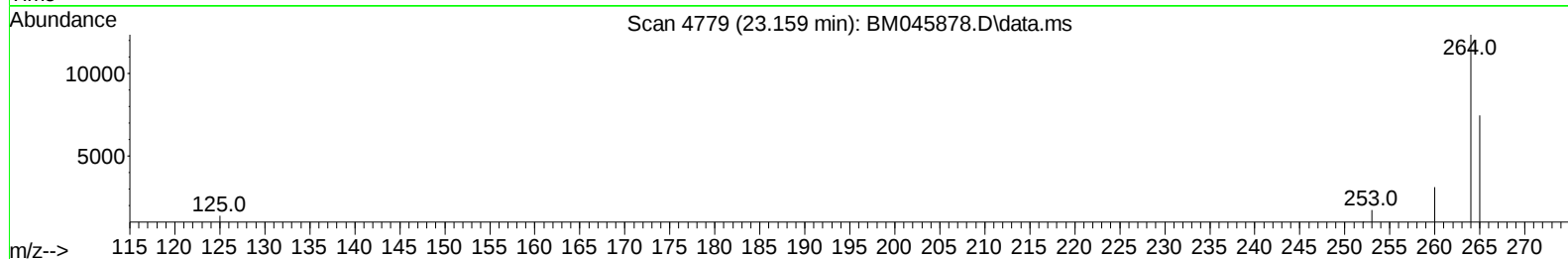
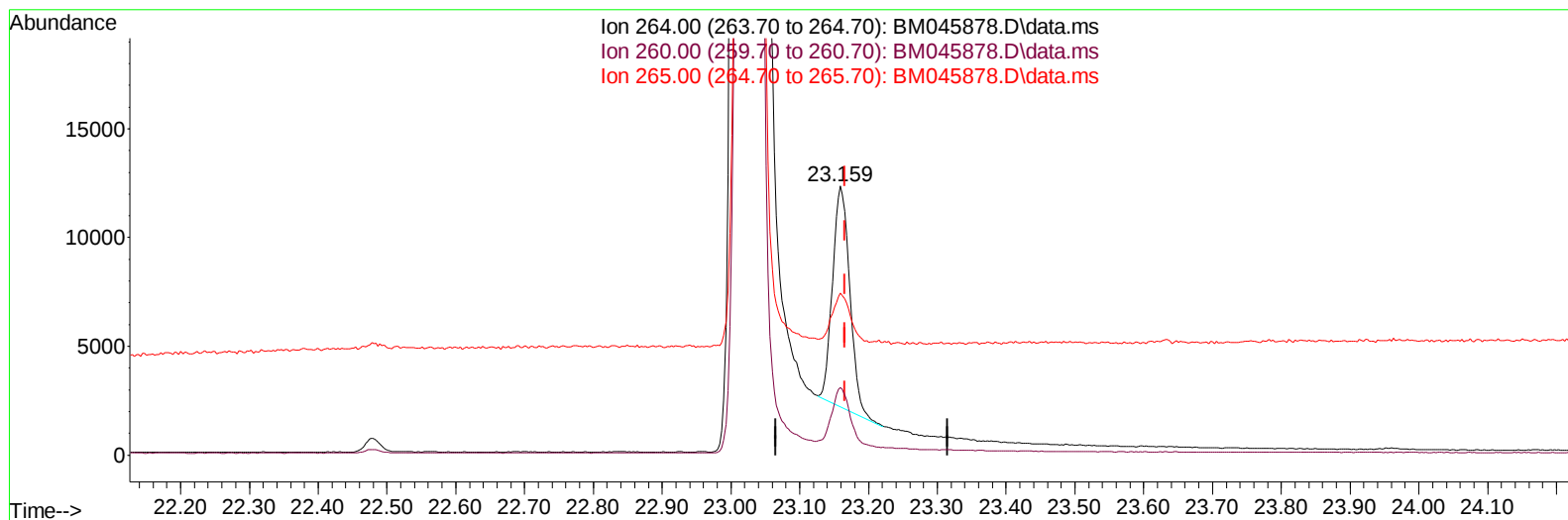
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
 Data File : BM045878.D
 Acq On : 07 Jun 2024 12:29
 Operator : MA/JU
 Sample : P2586-18
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C38

Manual IntegrationsAPPROVED

Quant Time: Jun 07 12:57:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
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 QLast Update : Thu Jun 06 17:58:22 2024
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 Supervised By :mohammad ahmed 06/13/2024



TIC: BM045878.D\data.ms

(23) Perylene-d12 (I)

23.159min (-0.006) 0.40 ng/ul m

response 17612

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.70	25.22
265.00	76.60	60.31#
0.00	0.00	0.00

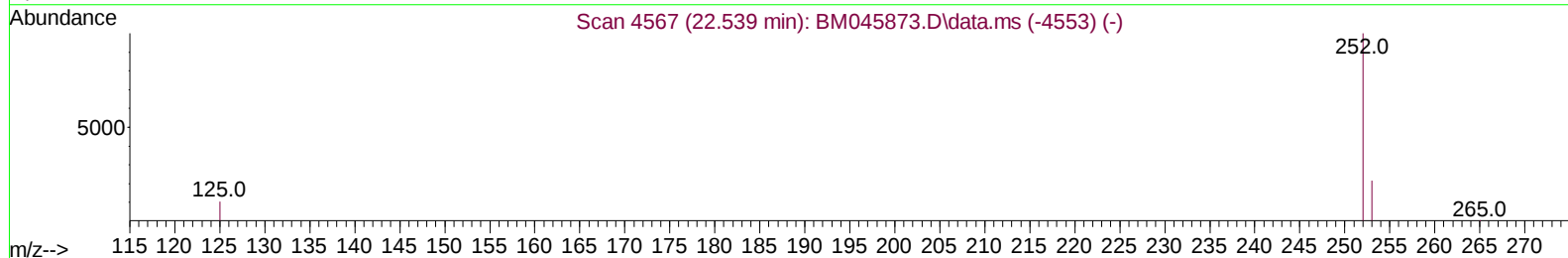
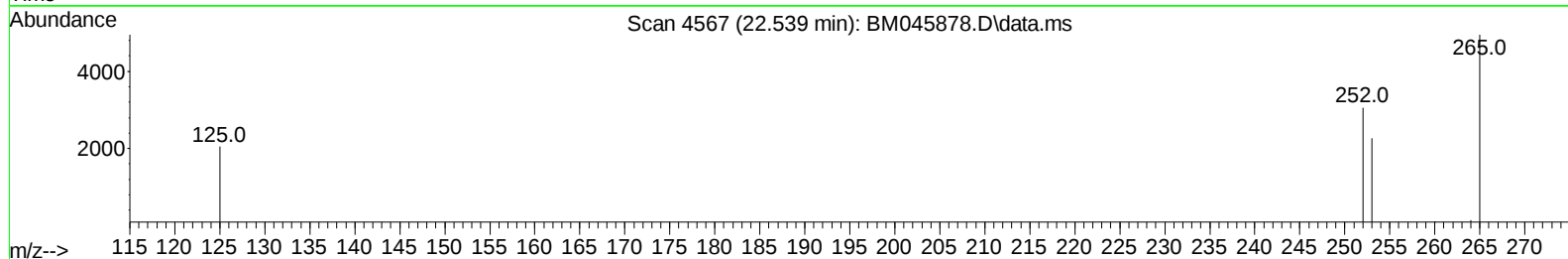
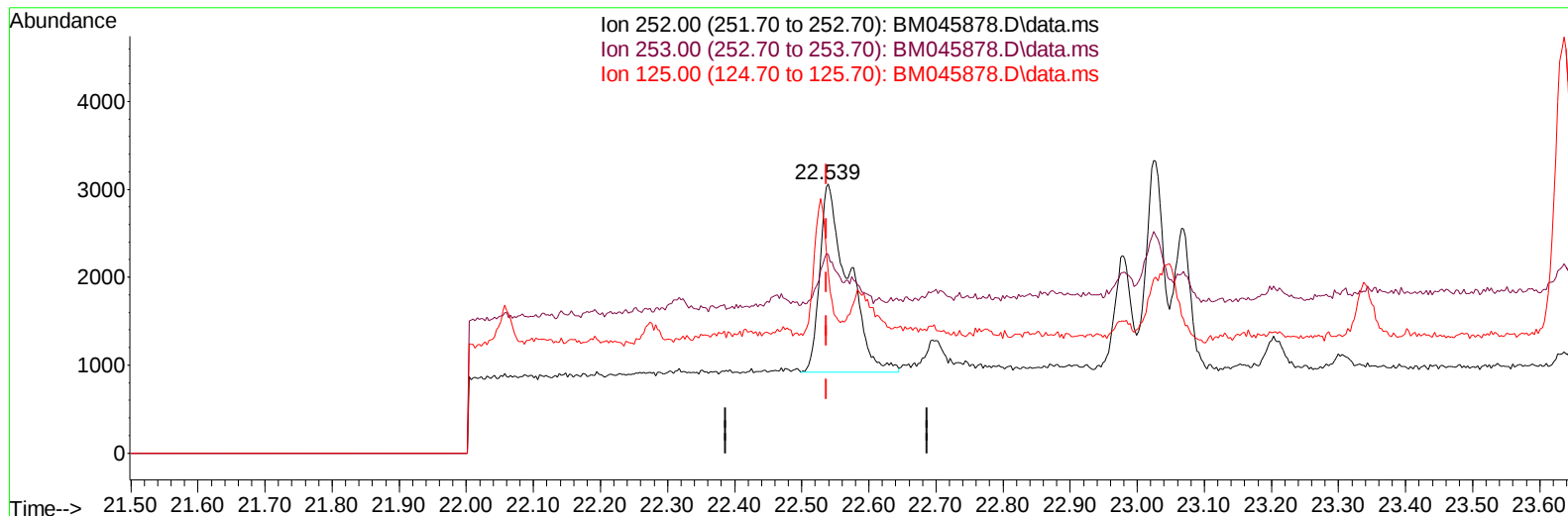
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045878.D
Acq On : 07 Jun 2024 12:29
Operator : MA/JU
Sample : P2586-18
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BM045878.D\data.ms

(24) Benzo(b)fluoranthene

22.539min (+ 0.002) 0.11 ng/u1

response 6296

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.80	74.01#
125.00	17.90	67.18#
0.00	0.00	0.00

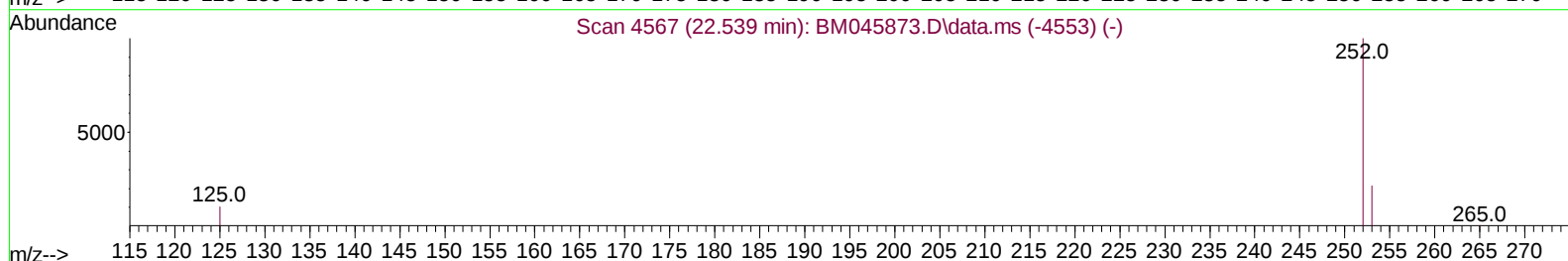
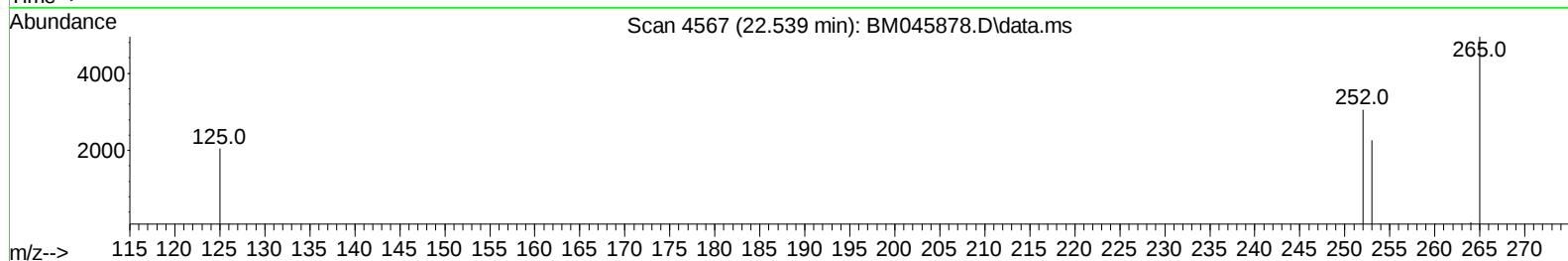
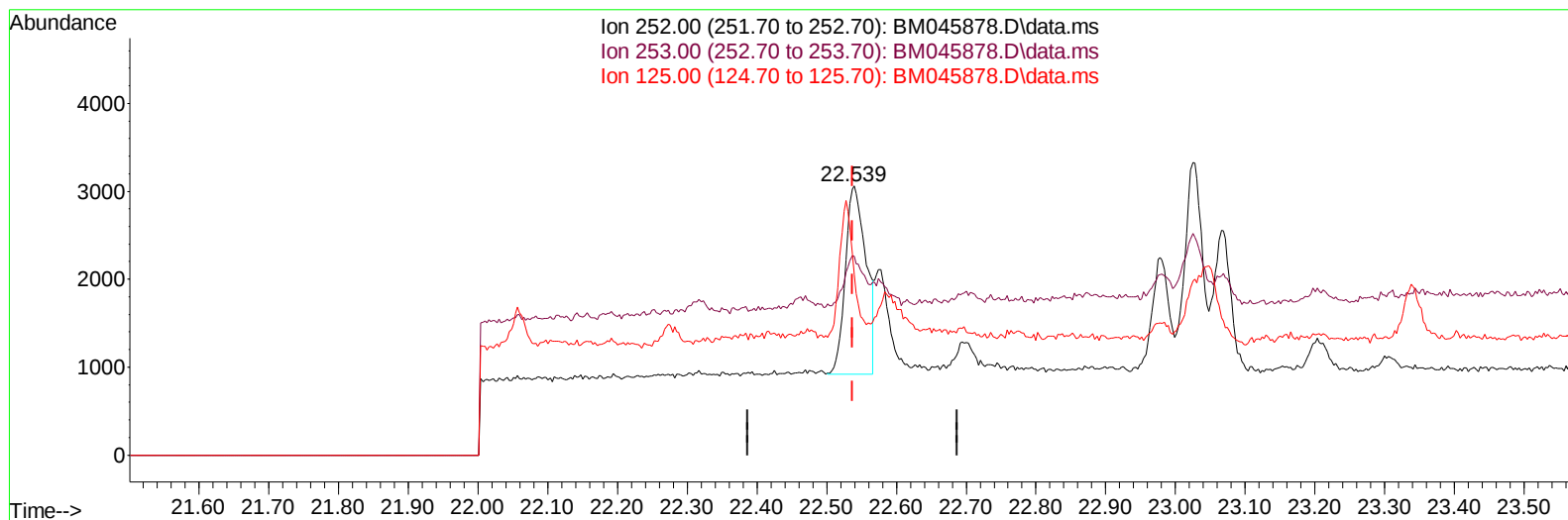
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045878.D
Acq On : 07 Jun 2024 12:29
Operator : MA/JU
Sample : P2586-18
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C38

Manual IntegrationsAPPROVED

Quant Time: Jun 07 12:57:58 2024
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Response via : Initial Calibration

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



TIC: BM045878.D\data.ms

(24) Benzo(b)fluoranthene

22.539min (+ 0.002) 0.08 ng/u1 m

response 4401

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.80	74.01#
125.00	17.90	67.18#
0.00	0.00	0.00

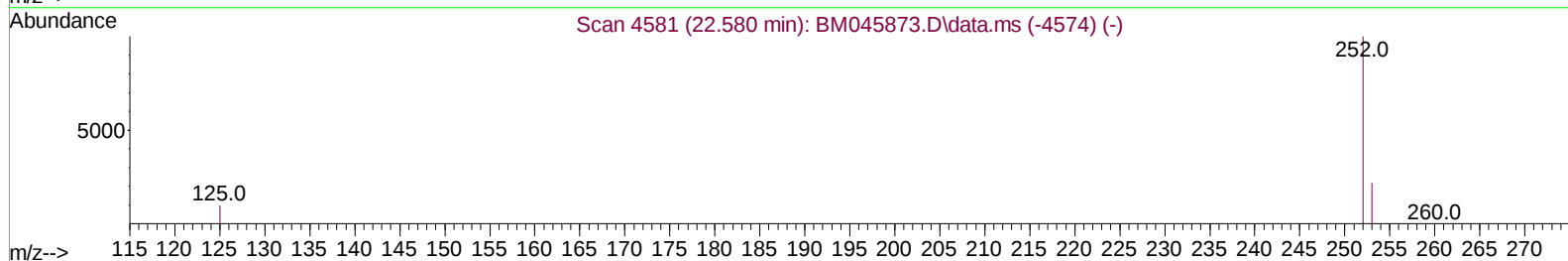
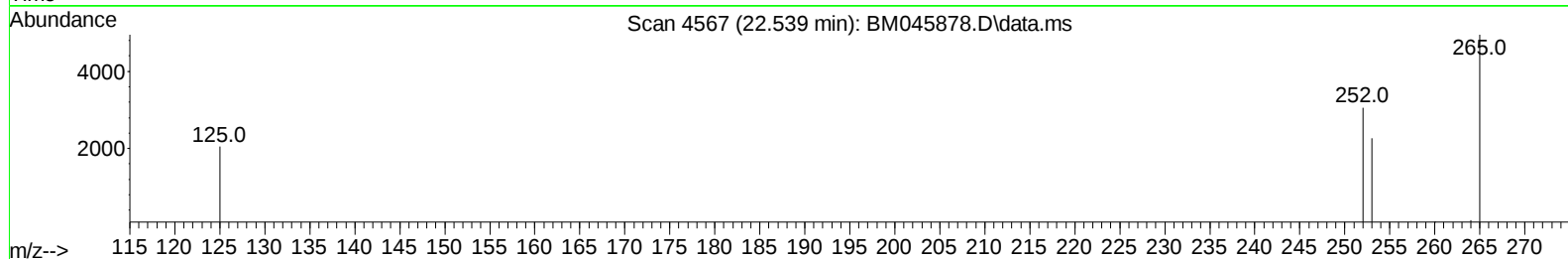
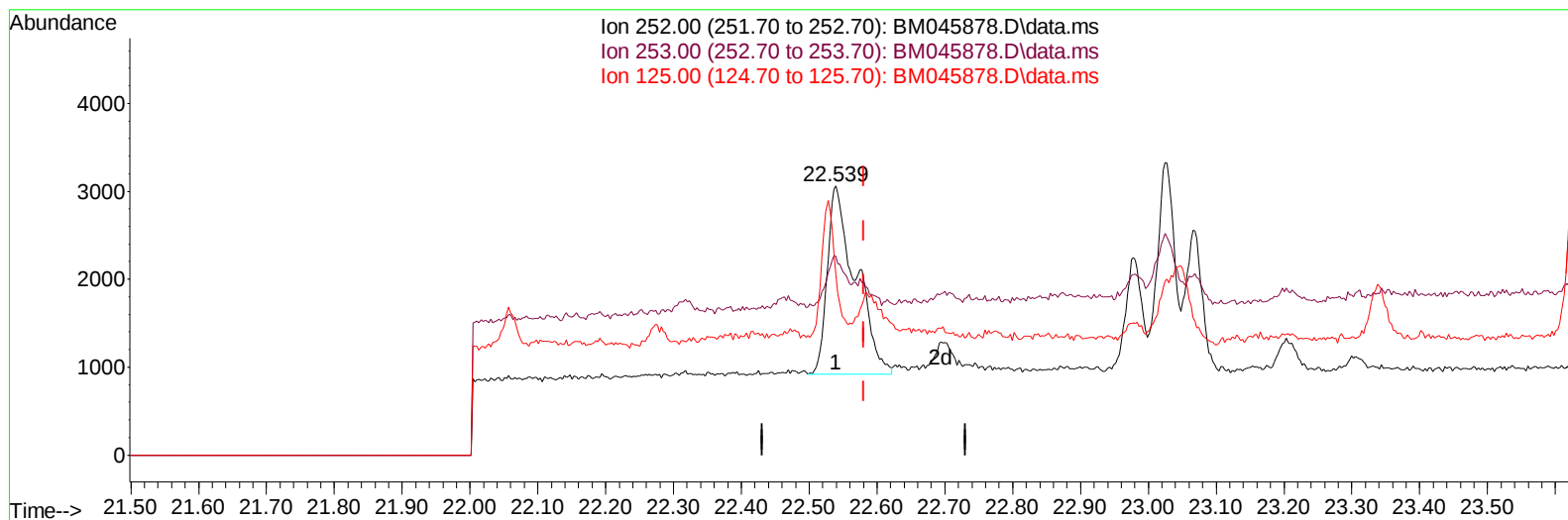
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
 Data File : BM045878.D
 Acq On : 07 Jun 2024 12:29
 Operator : MA/JU
 Sample : P2586-18
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C38

Manual IntegrationsAPPROVED

Quant Time: Jun 07 12:57:58 2024
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 Supervised By :mohammad ahmed 06/13/2024



TIC: BM045878.D\data.ms

(25) Benzo(k)fluoranthene

22.539min (-0.041) 0.10 ng/u1

response 6184

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.30	74.01#
125.00	17.70	67.18#
0.00	0.00	0.00

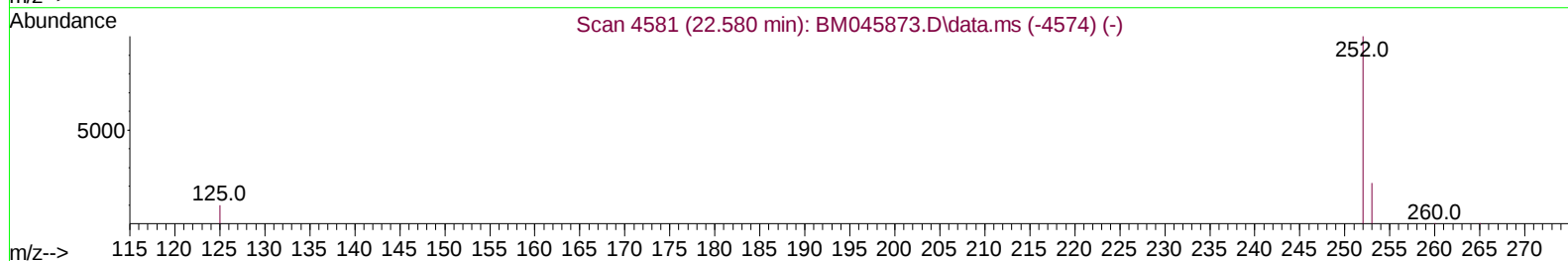
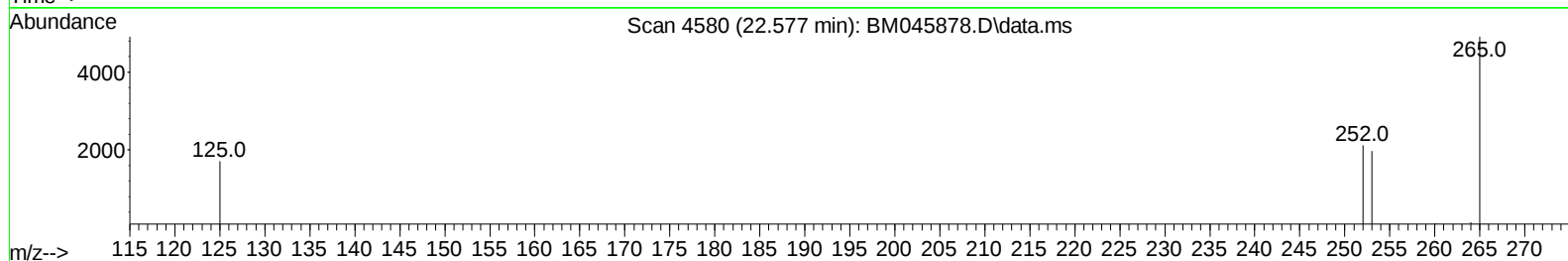
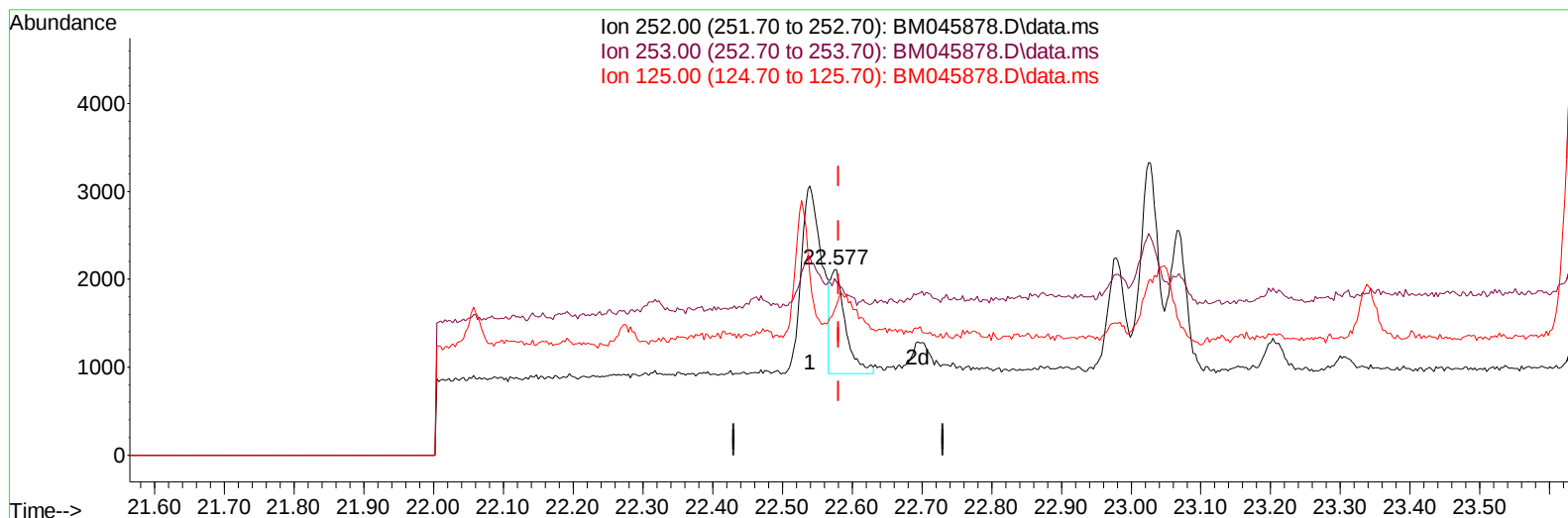
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045878.D
Acq On : 07 Jun 2024 12:29
Operator : MA/JU
Sample : P2586-18
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C38

Manual IntegrationsAPPROVED

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

Quant Time: Jun 07 12:57:58 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: BM045878.D\data.ms

(25) Benzo(k)fluoranthene

22.577min (-0.003) 0.03 ng/u1 m

response 1823

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.30	93.08#
125.00	17.70	80.67#
0.00	0.00	0.00

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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.472	152		5396	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.238	136		18045	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.118	164		10078	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.854	188		22306m	0.400	ng/ul	-0.01
17) Chrysene-d12	21.052	240		17815m	0.400	ng/ul	0.00
23) Perylene-d12	23.159	264		17612m	0.400	ng/ul	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.063	96		25661	4.175	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.833	152		6255	0.241	ng/ul	-0.02
18) Fluoranthene-d10	18.891	212		13032	0.244	ng/ul	0.00
Target Compounds							Qvalue
15) Phenanthrene	16.896	178		3213m	0.051	ng/ul	
19) Fluoranthene	18.918	202		6316	0.089	ng/ul	96
20) Pyrene	19.281	202		5017	0.068	ng/ul#	92
21) Benzo(a)anthracene	21.035	228		2965	0.045	ng/ul#	88
22) Chrysene	21.087	228		2886	0.041	ng/ul#	90
24) Benzo(b)fluoranthene	22.539	252		4401m	0.075	ng/ul	
25) Benzo(k)fluoranthene	22.577	252		1823m	0.028	ng/ul	
26) Benzo(a)pyrene	23.066	252		2593	0.045	ng/ul#	22
27) Indeno(1,2,3-cd)pyrene	25.235	276		2184	0.029	ng/ul#	94
29) Benzo(g,h,i)perylene	25.856	276		2267	0.035	ng/ul#	52

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

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