

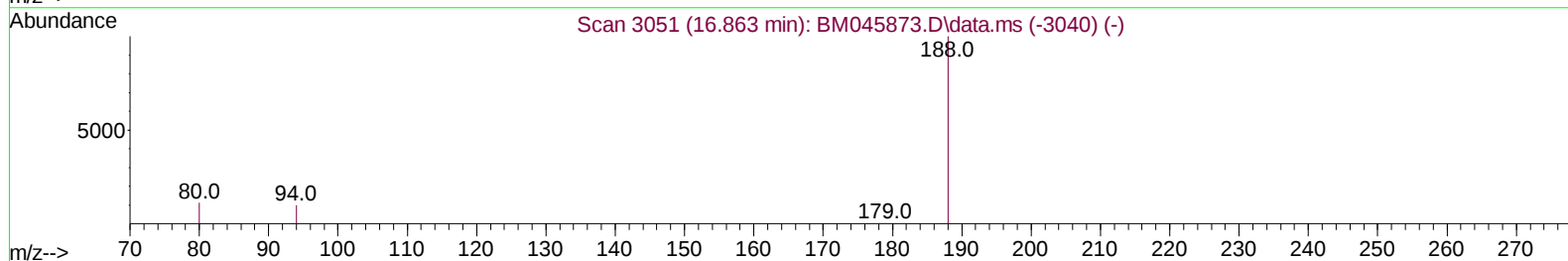
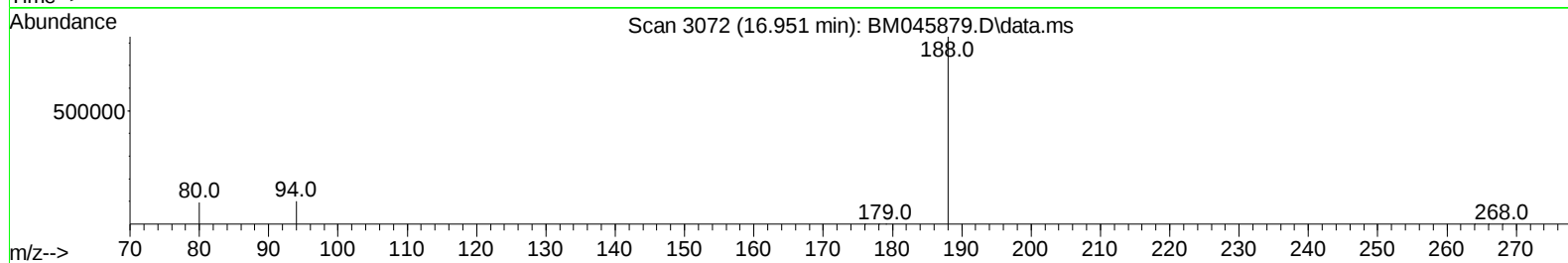
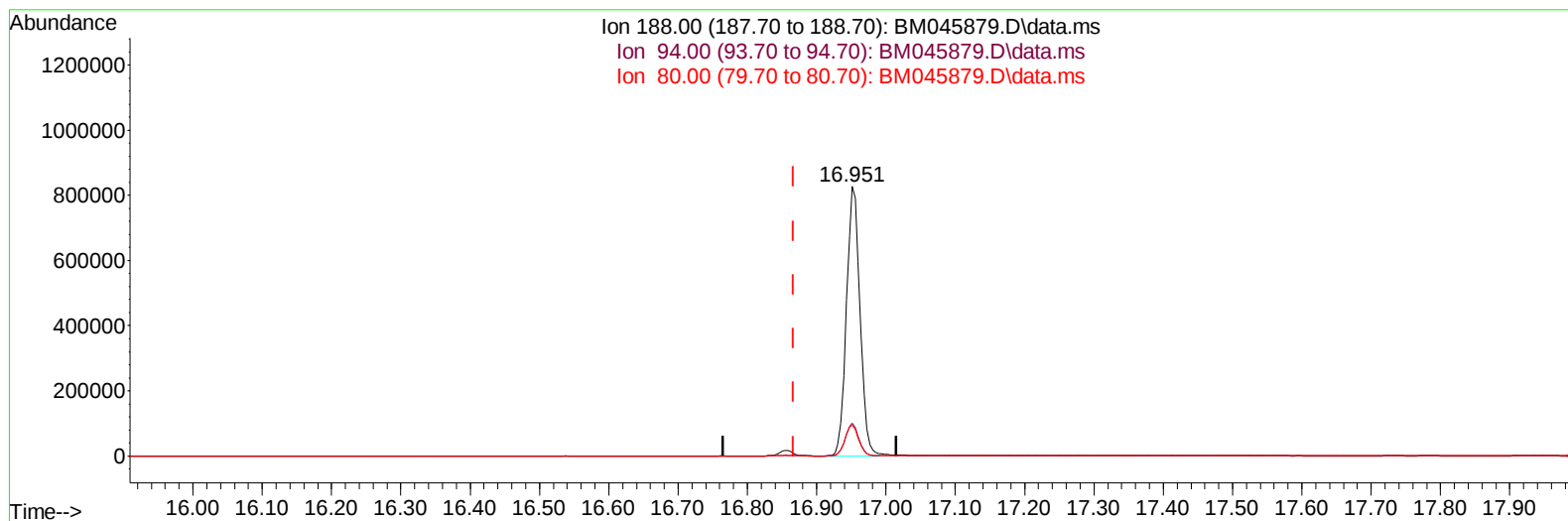
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045879.D
Acq On : 07 Jun 2024 13:05
Operator : MA/JU
Sample : P2586-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D17

Manual IntegrationsAPPROVED

Quant Time: Jun 07 14:01:06 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: BM045879.D\data.ms

(13) Phenanthrene-d10 (I)

16.951min (+ 0.085) 0.40 ng/u1

response 1133280

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.50	12.09
80.00	11.70	11.57
0.00	0.00	0.00

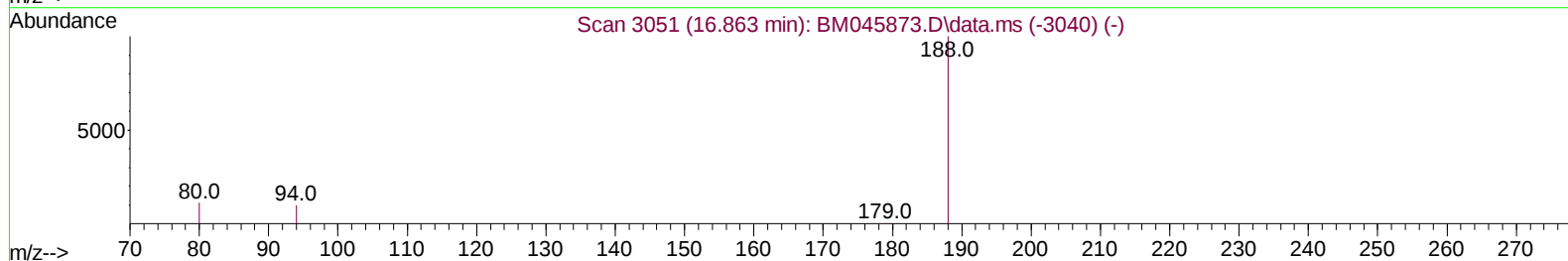
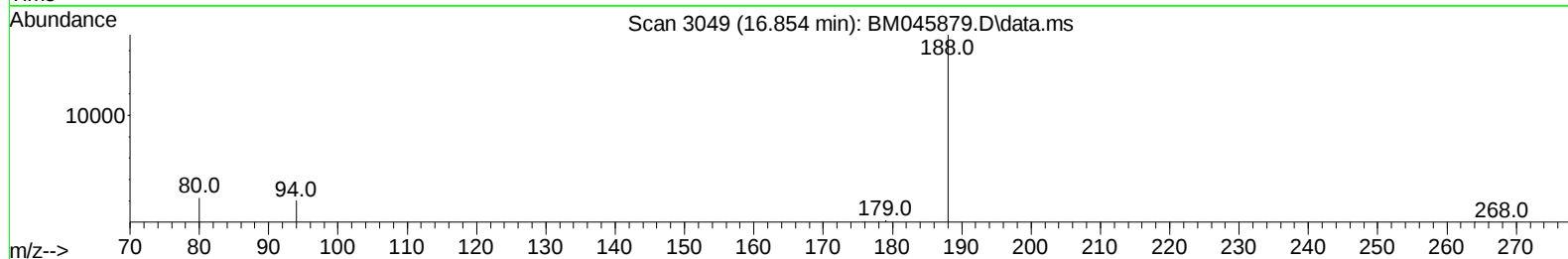
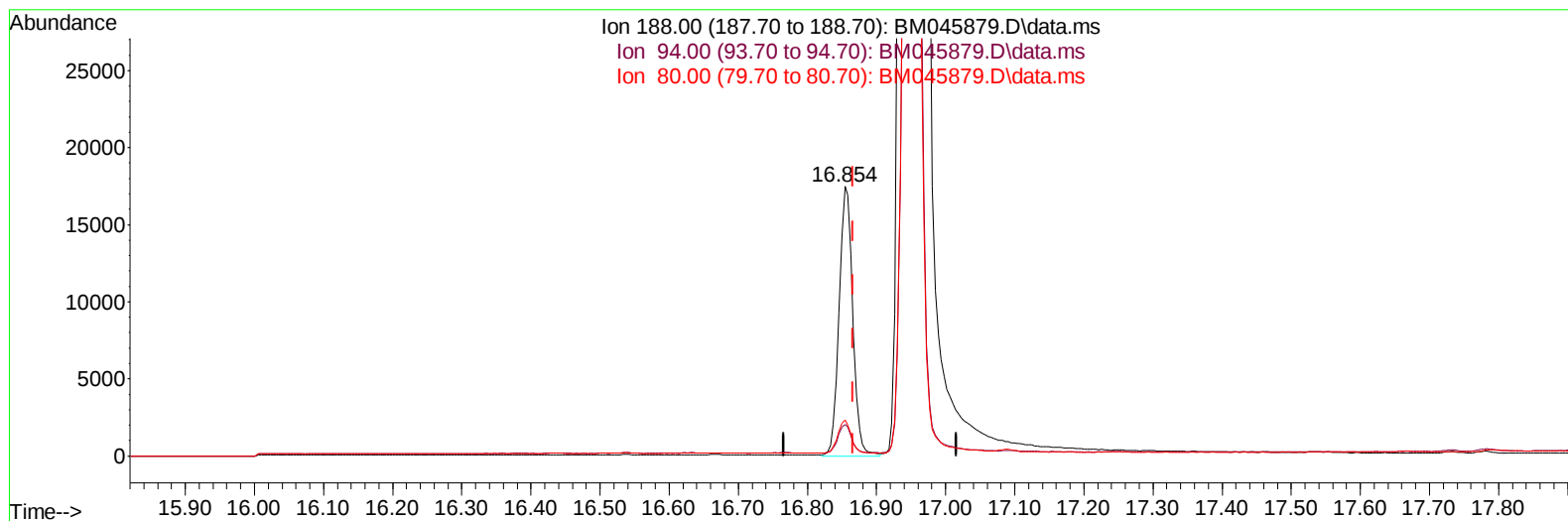
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045879.D
Acq On : 07 Jun 2024 13:05
Operator : MA/JU
Sample : P2586-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D17

Manual IntegrationsAPPROVED

Quant Time: Jun 07 14:01:06 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: BM045879.D\data.ms

(13) Phenanthrene-d10 (I)

16.854min (-0.012) 0.40 ng/u1 m

response 23944

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.50	11.66
80.00	11.70	13.32
0.00	0.00	0.00

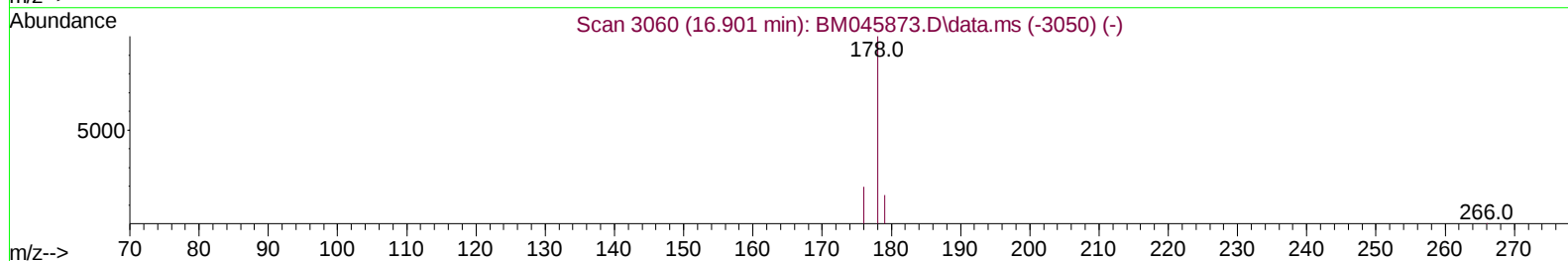
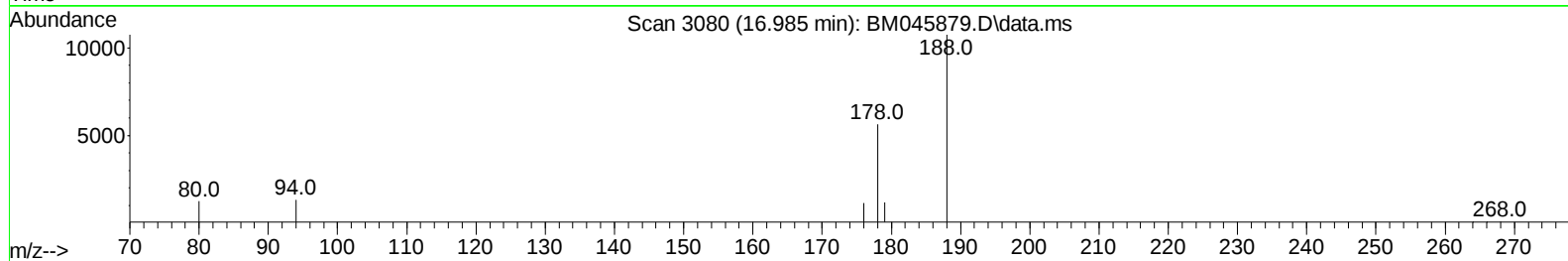
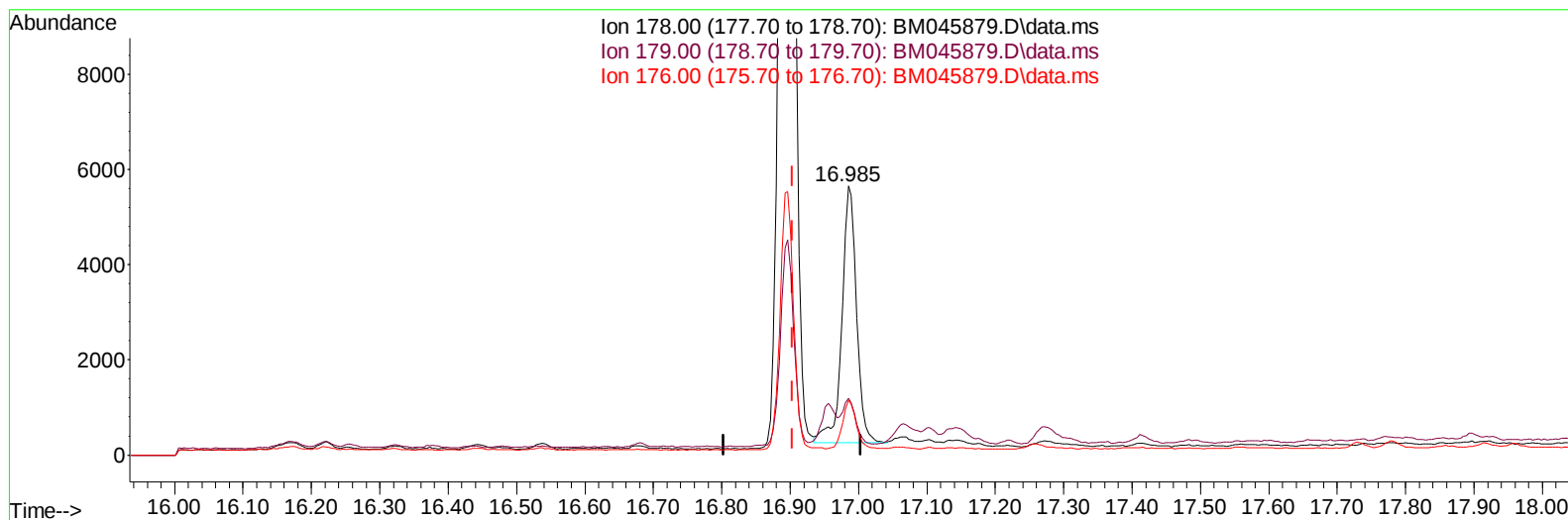
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045879.D
Acq On : 07 Jun 2024 13:05
Operator : MA/JU
Sample : P2586-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D17

Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 06/08/2024
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TIC: BM045879.D\data.ms

(15) Phenanthrene

16.985min (+ 0.082) 0.12 ng/u1

response 8027

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.90	21.03#
176.00	19.50	20.36
0.00	0.00	0.00

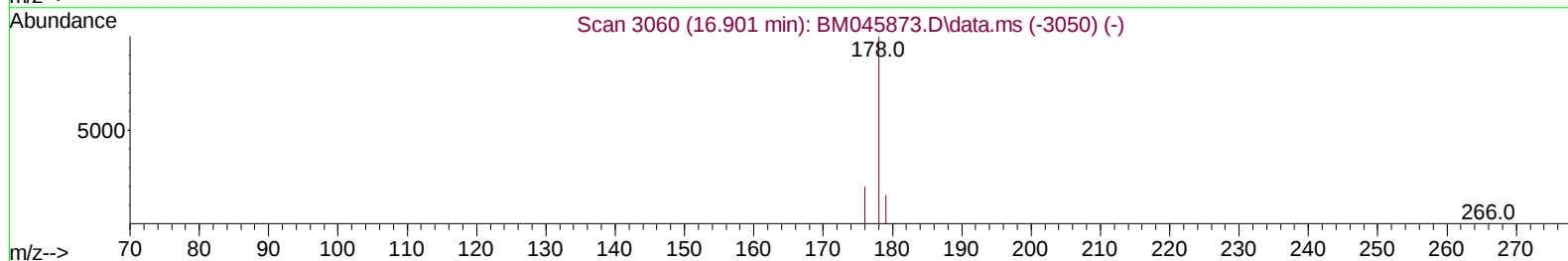
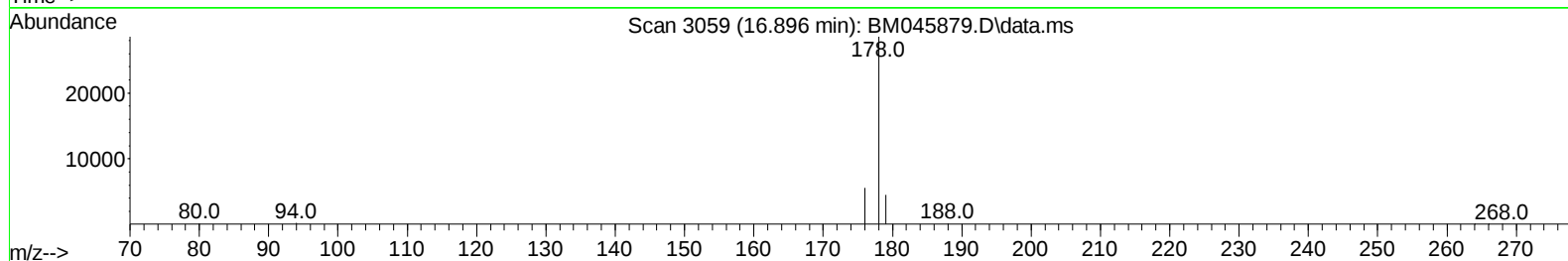
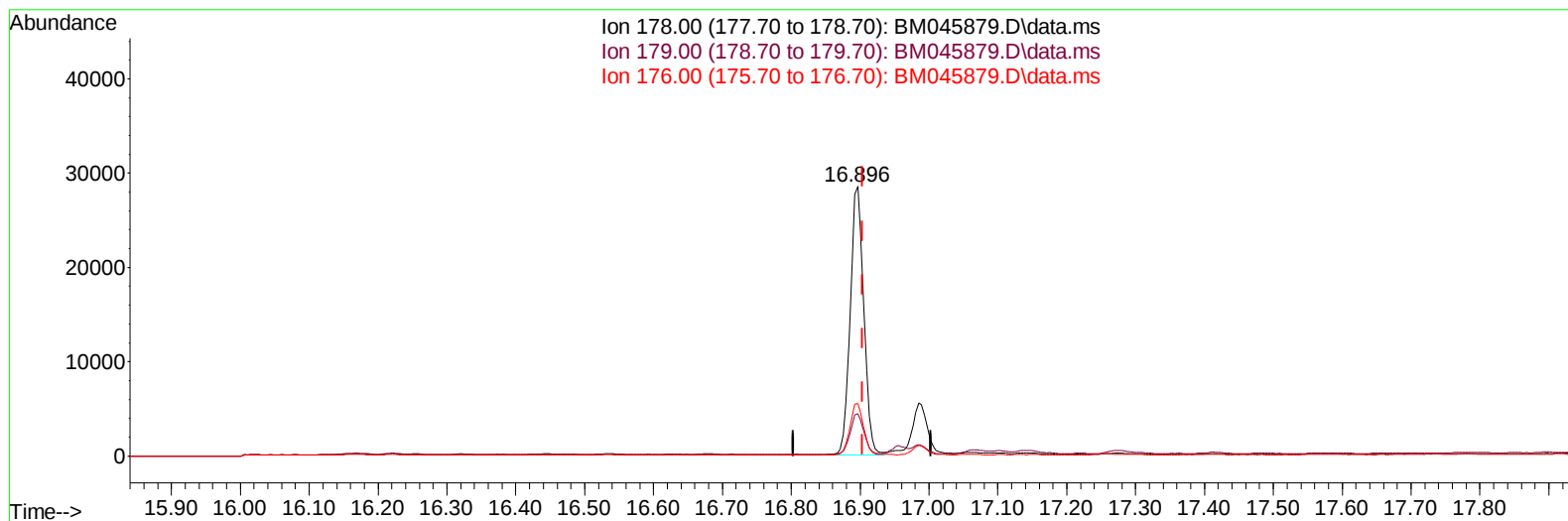
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045879.D
Acq On : 07 Jun 2024 13:05
Operator : MA/JU
Sample : P2586-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D17

Manual IntegrationsAPPROVED

Quant Time: Jun 07 14:01:06 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: BM045879.D\data.ms

(15) Phenanthrene

16.896min (-0.007) 0.58 ng/u1 m

response 38733

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.90	15.80
176.00	19.50	19.36
0.00	0.00	0.00

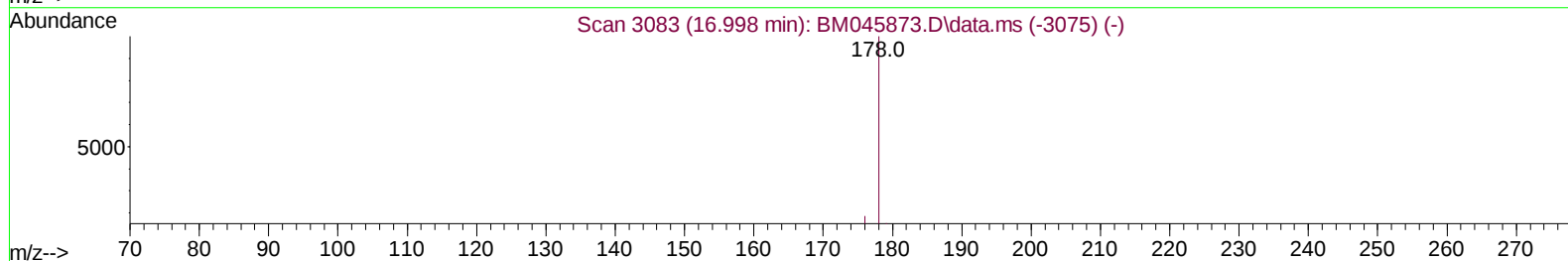
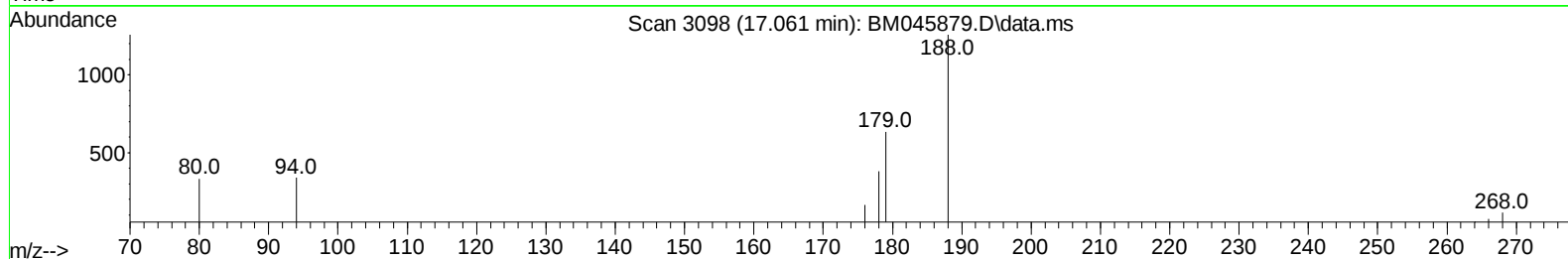
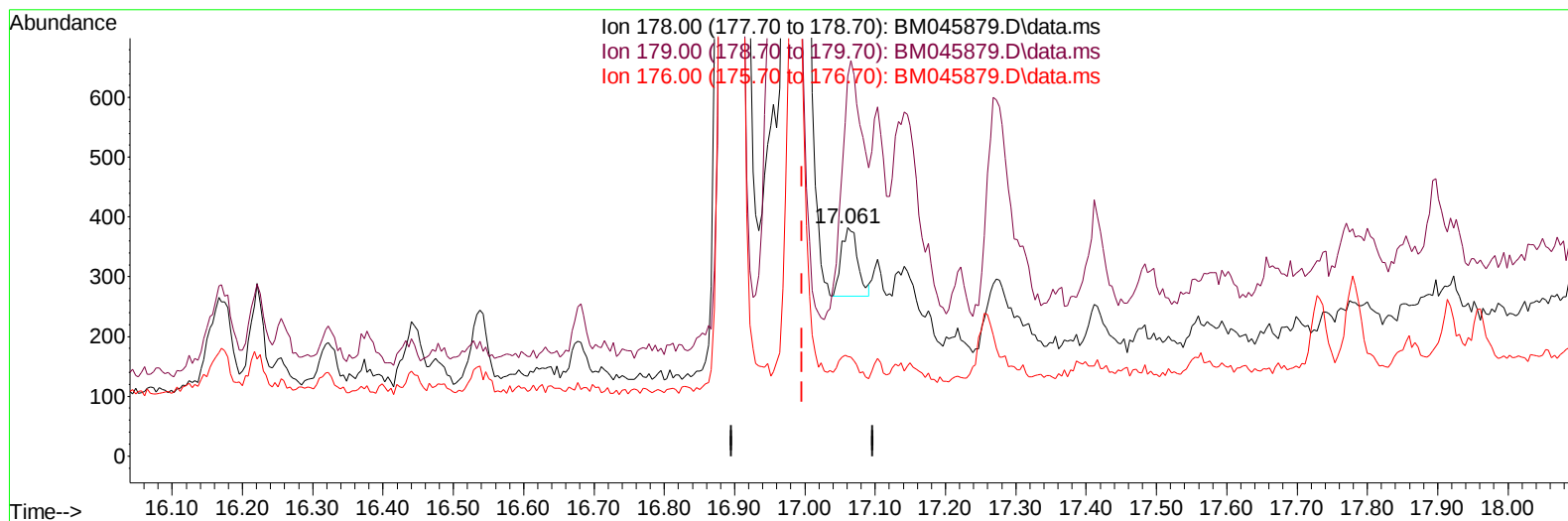
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045879.D
Acq On : 07 Jun 2024 13:05
Operator : MA/JU
Sample : P2586-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D17

Manual IntegrationsAPPROVED

Quant Time: Jun 07 14:01:06 2024
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TIC: BM045879.D\data.ms

(16) Anthracene

17.061min (+ 0.065) 0.00 ng/u1

response 188

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.40	166.23#
176.00	19.40	43.72#
0.00	0.00	0.00

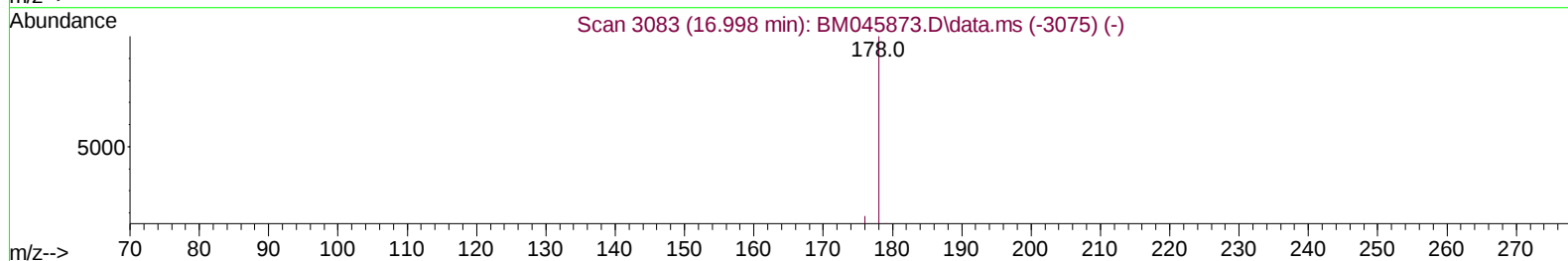
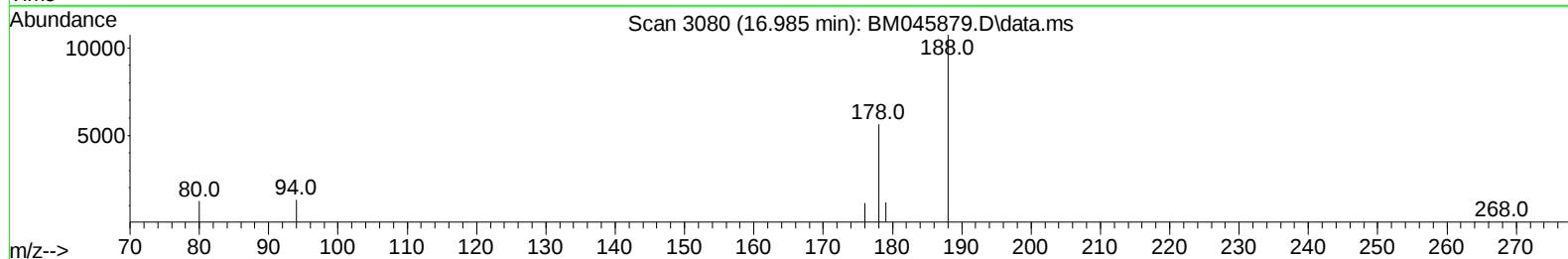
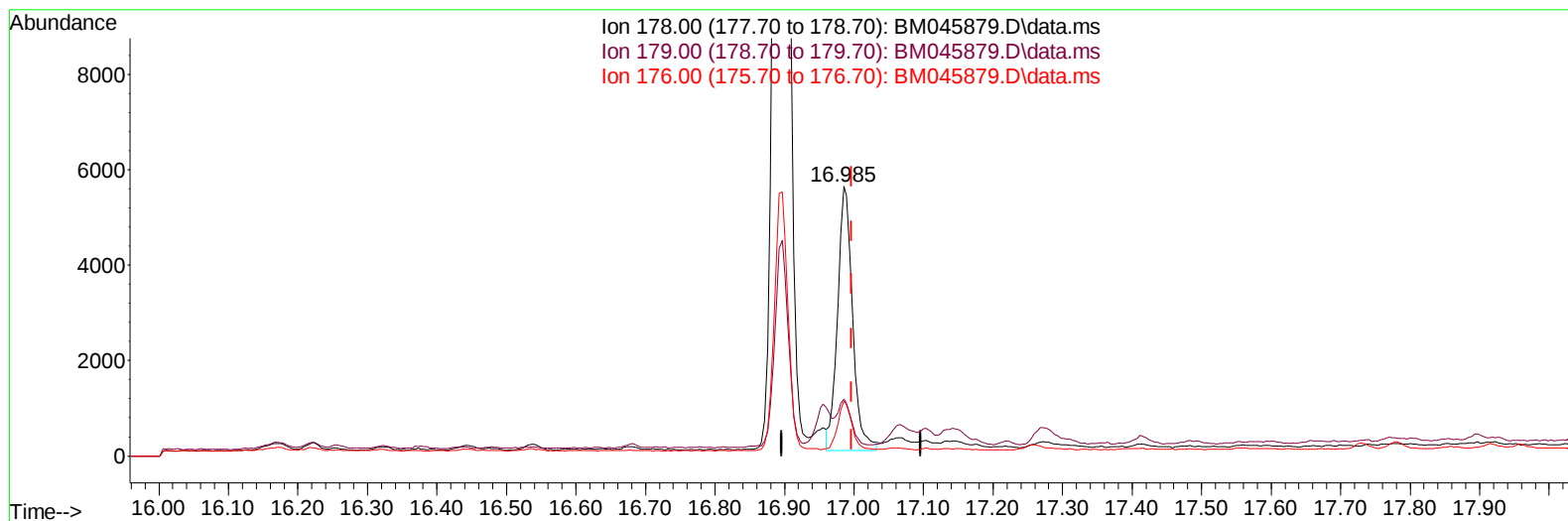
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Data File : BM045879.D
Acq On : 07 Jun 2024 13:05
Operator : MA/JU
Sample : P2586-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D17

Manual IntegrationsAPPROVED

Quant Time: Jun 07 14:01:06 2024
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Response via : Initial Calibration

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



TIC: BM045879.D\data.ms

(16) Anthracene

16.985min (-0.011) 0.15 ng/ul m

response 8335

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.40	21.03#
176.00	19.40	20.36
0.00	0.00	0.00

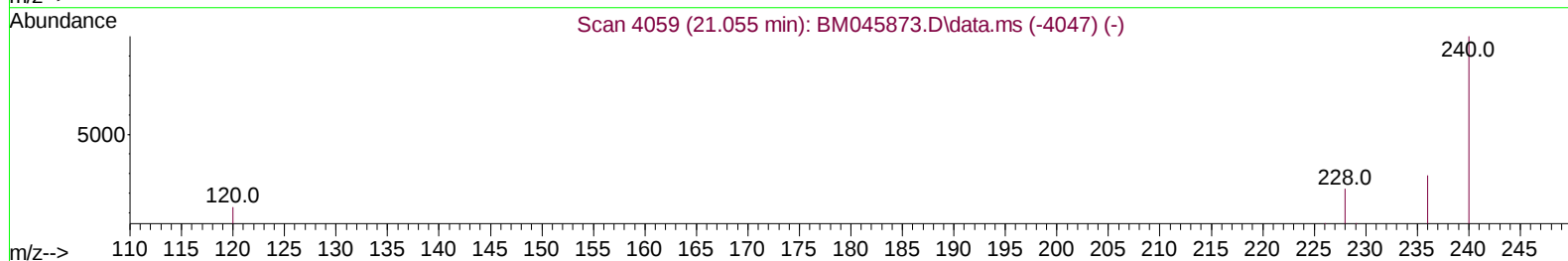
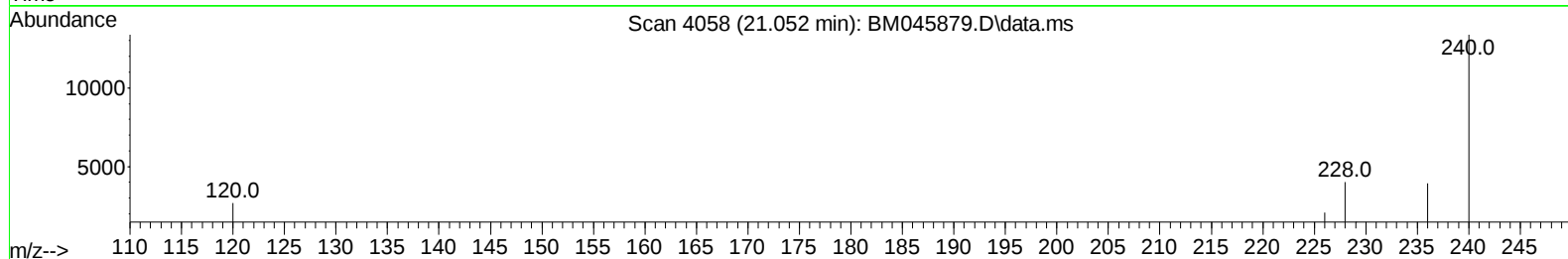
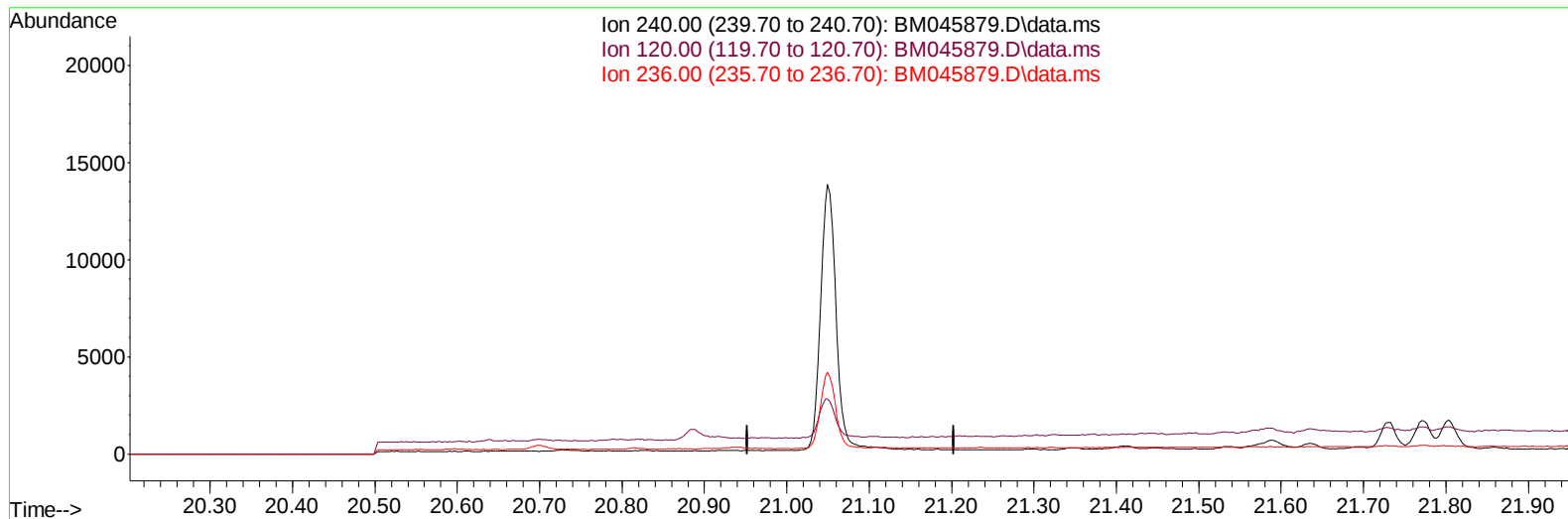
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045879.D
Acq On : 07 Jun 2024 13:05
Operator : MA/JU
Sample : P2586-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D17

Manual IntegrationsAPPROVED

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TIC: BM045879.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

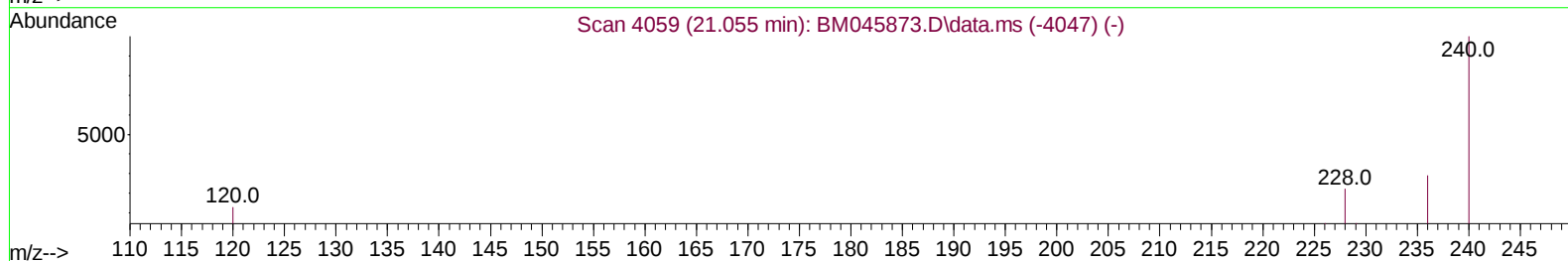
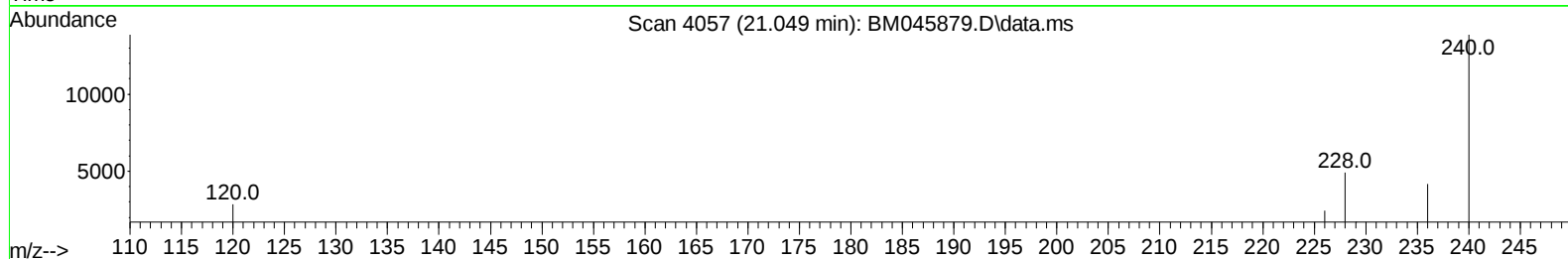
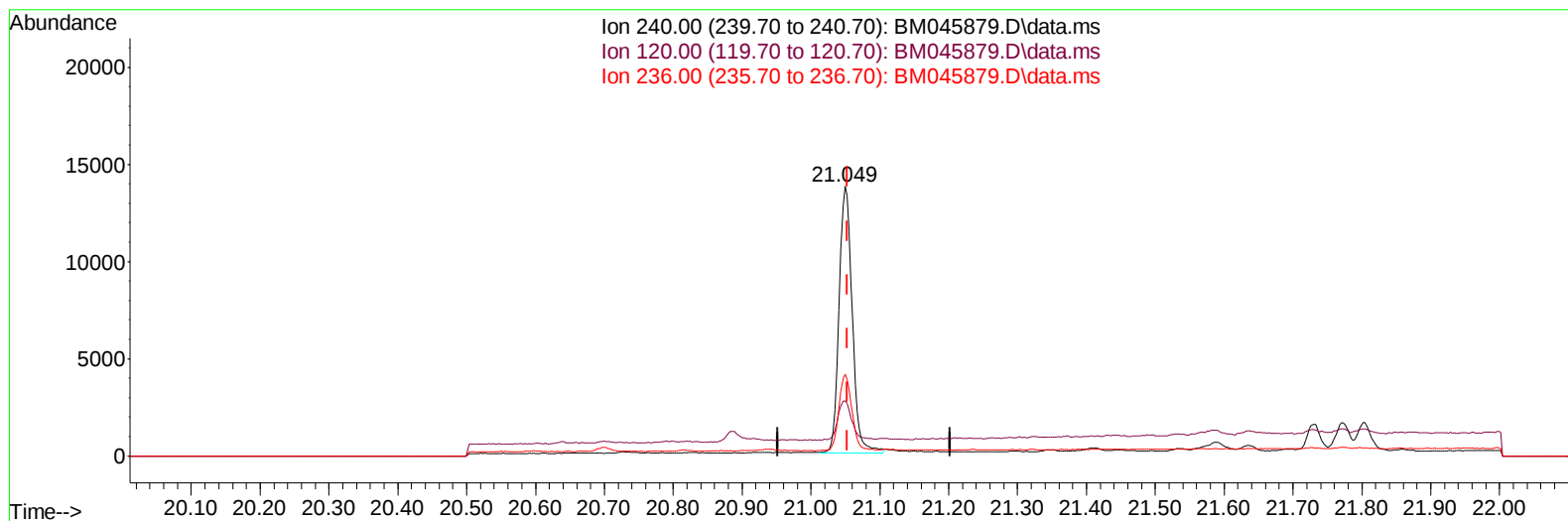
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045879.D
Acq On : 07 Jun 2024 13:05
Operator : MA/JU
Sample : P2586-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D17

Manual IntegrationsAPPROVED

Quant Time: Jun 07 14:01:06 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: BM045879.D\data.ms

(17) Chrysene-d12

21.049min (-0.003) 0.40 ng/u1 m

response 18166

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.10	20.51#
236.00	29.50	30.21
0.00	0.00	0.00

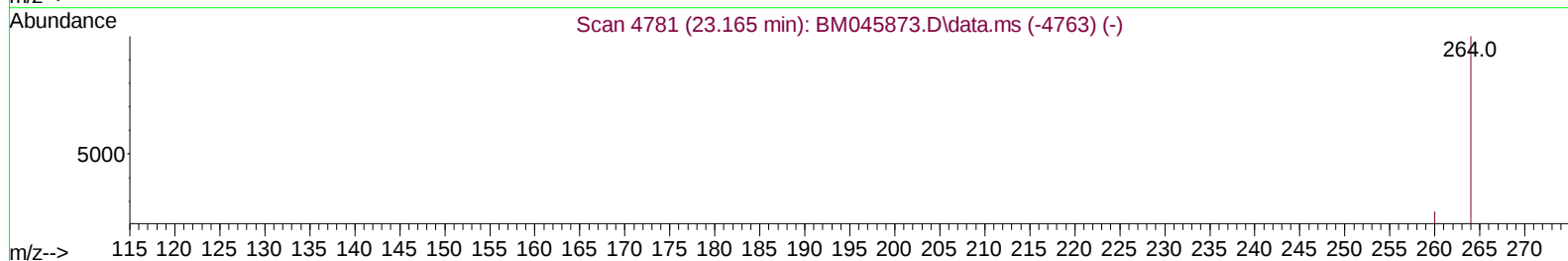
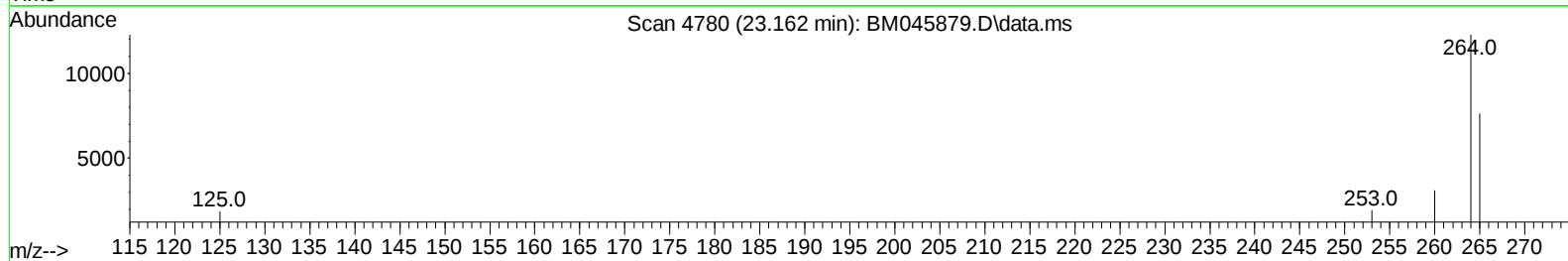
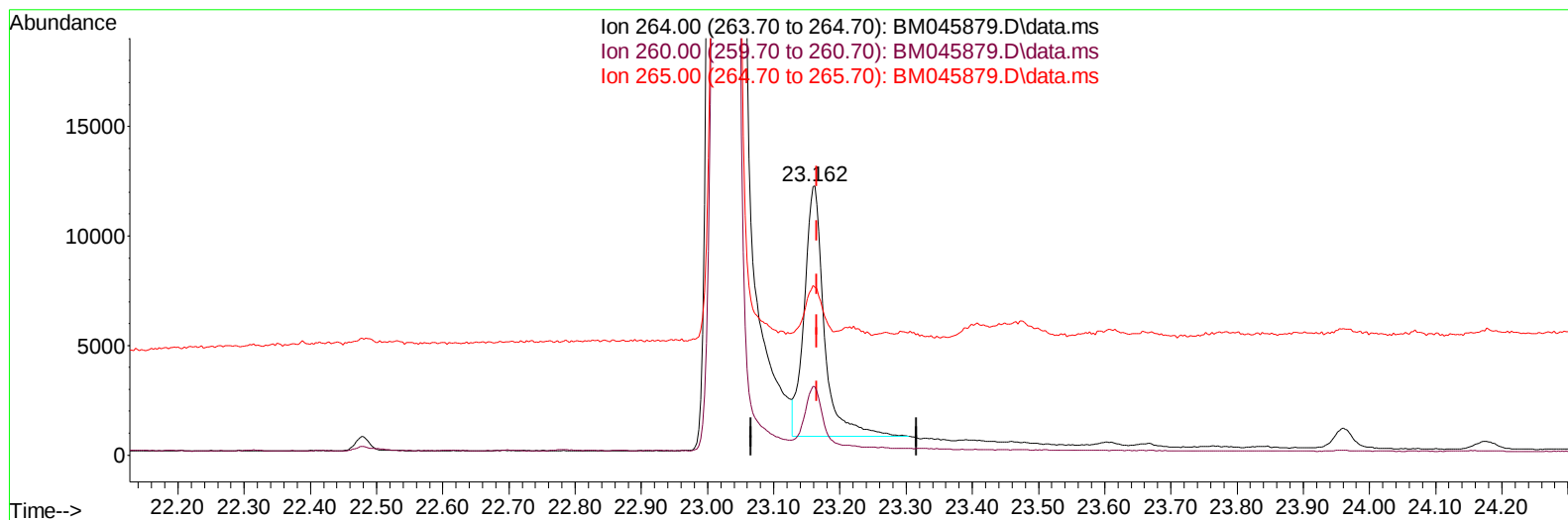
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045879.D
Acq On : 07 Jun 2024 13:05
Operator : MA/JU
Sample : P2586-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D17

Manual IntegrationsAPPROVED

Quant Time: Jun 07 14:01:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
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TIC: BM045879.D\data.ms

(23) Perylene-d12 (I)

23.162min (-0.003) 0.40 ng/u1

response 24388

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.70	25.39
265.00	76.60	62.29
0.00	0.00	0.00

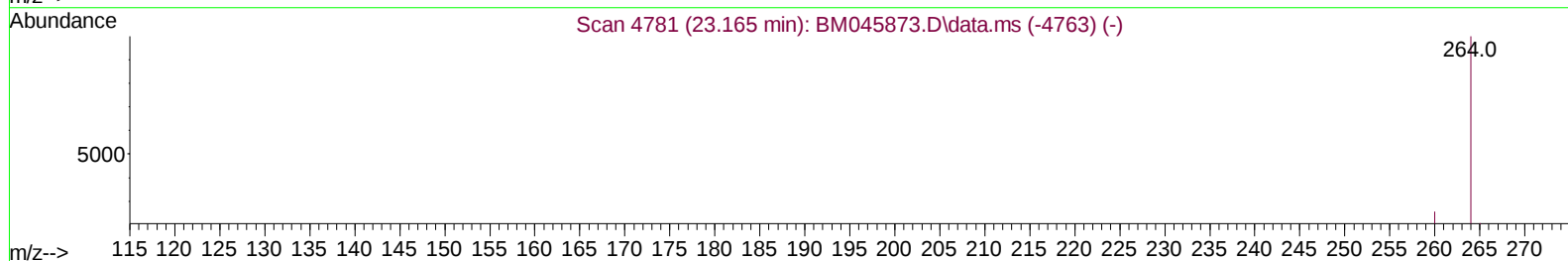
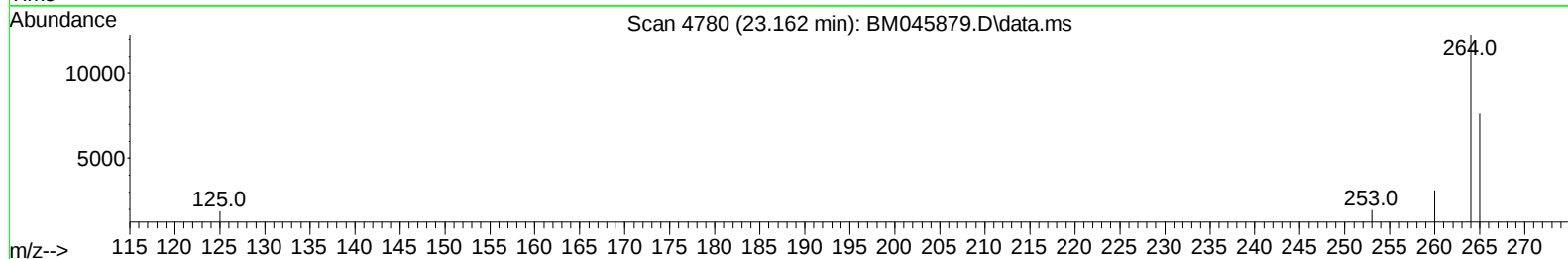
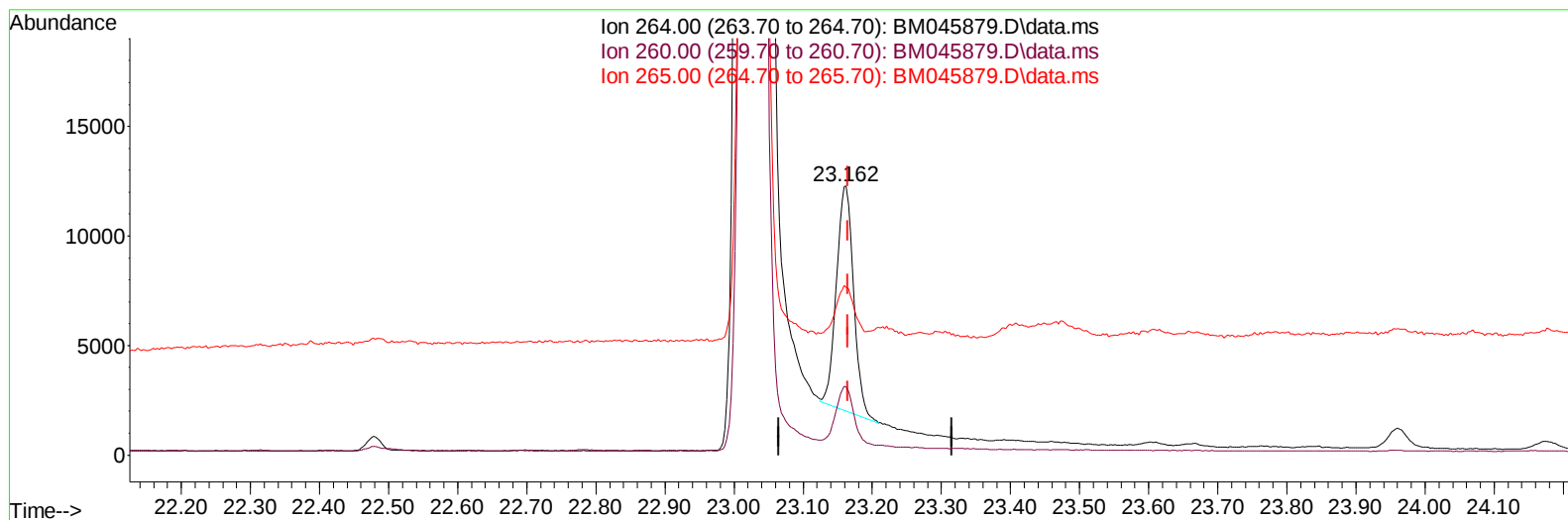
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045879.D
Acq On : 07 Jun 2024 13:05
Operator : MA/JU
Sample : P2586-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D17

Manual IntegrationsAPPROVED

Quant Time: Jun 07 14:01:06 2024
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TIC: BM045879.D\data.ms

(23) Perylene-d12 (I)

23.162min (-0.003) 0.40 ng/ul m

response 17704

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.70	25.39
265.00	76.60	62.29
0.00	0.00	0.00

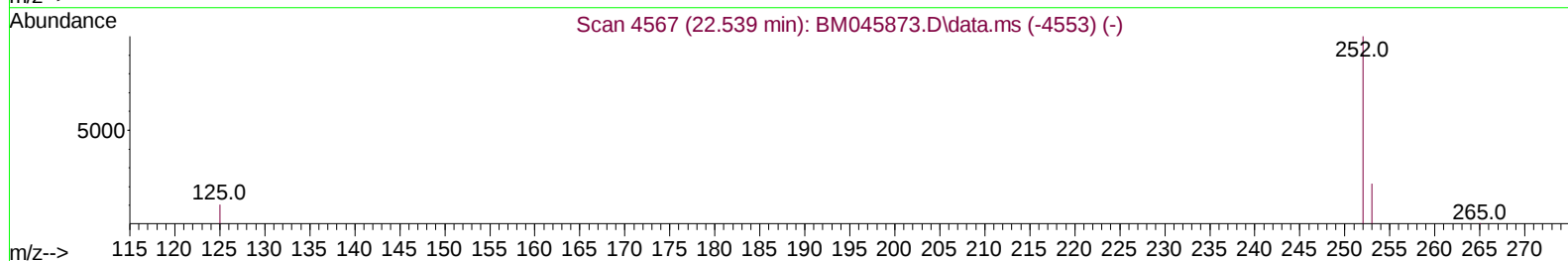
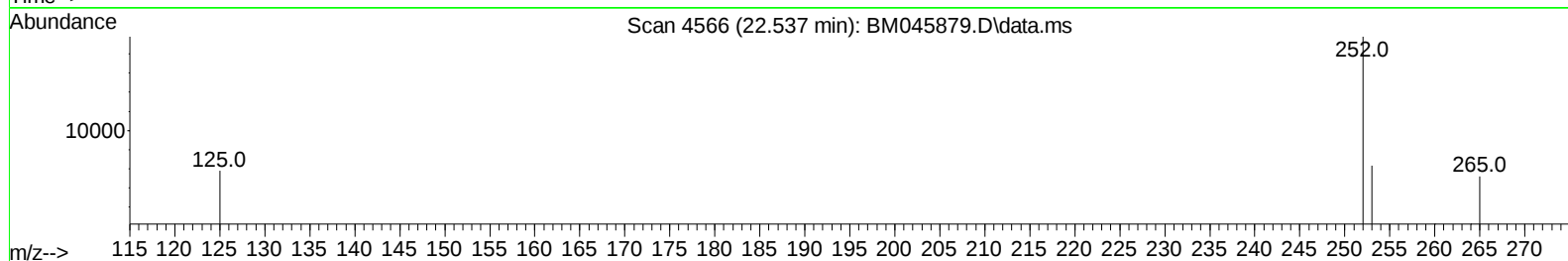
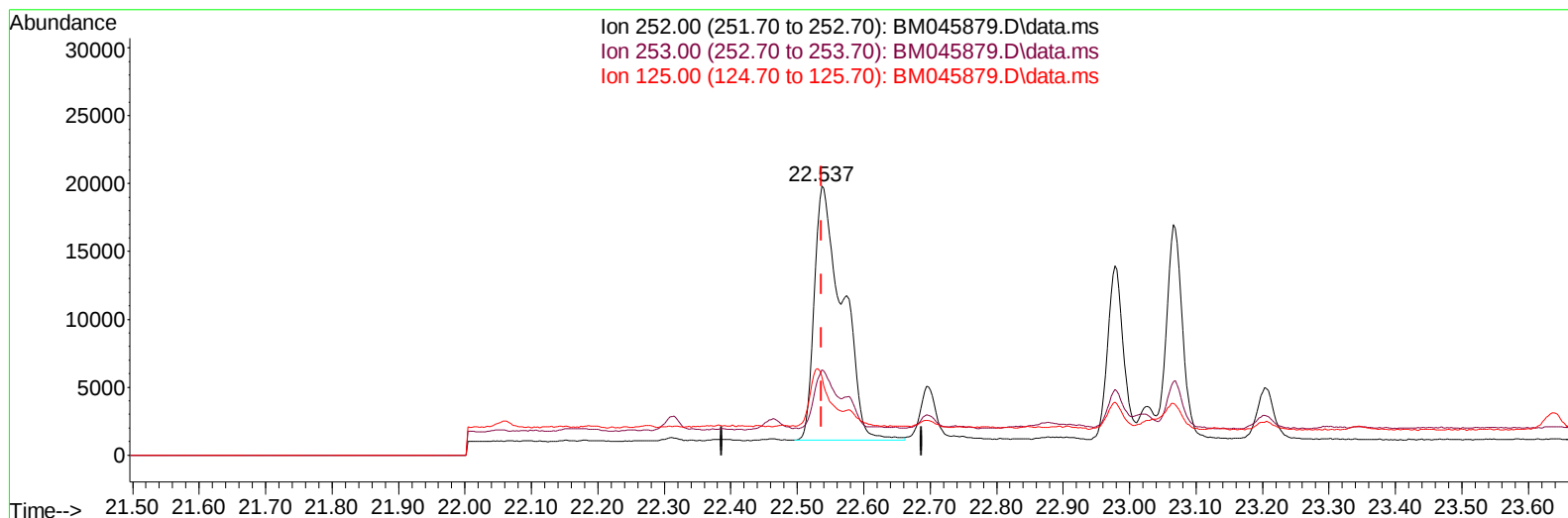
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045879.D
Acq On : 07 Jun 2024 13:05
Operator : MA/JU
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Misc :
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Instrument :
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TIC: BM045879.D\data.ms

(24) Benzo(b)fluoranthene

22.537min (-0.000) 0.93 ng/u1

response 54809

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.80	31.78
125.00	17.90	29.14
0.00	0.00	0.00

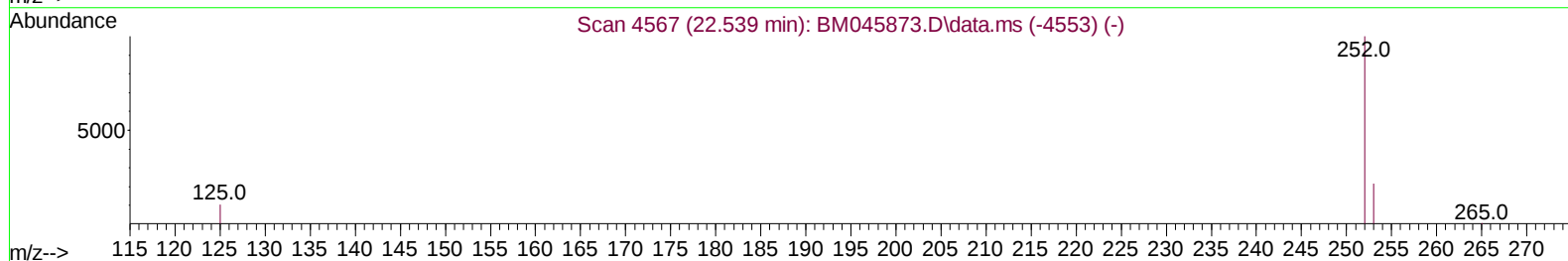
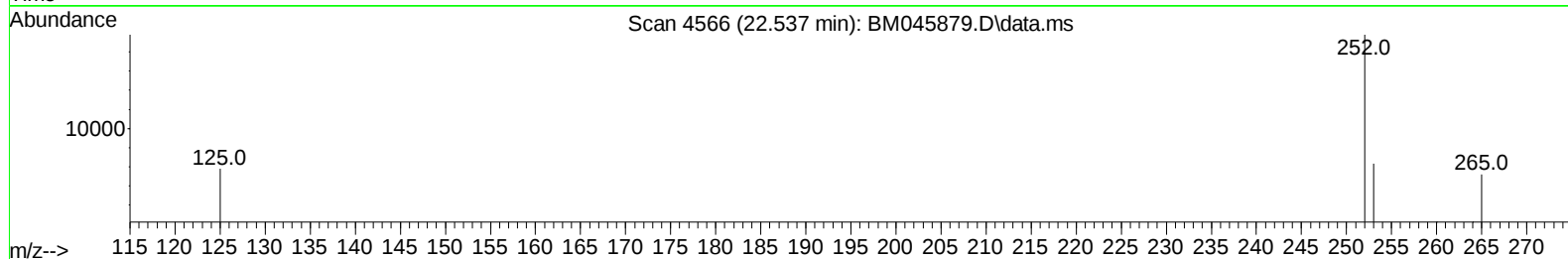
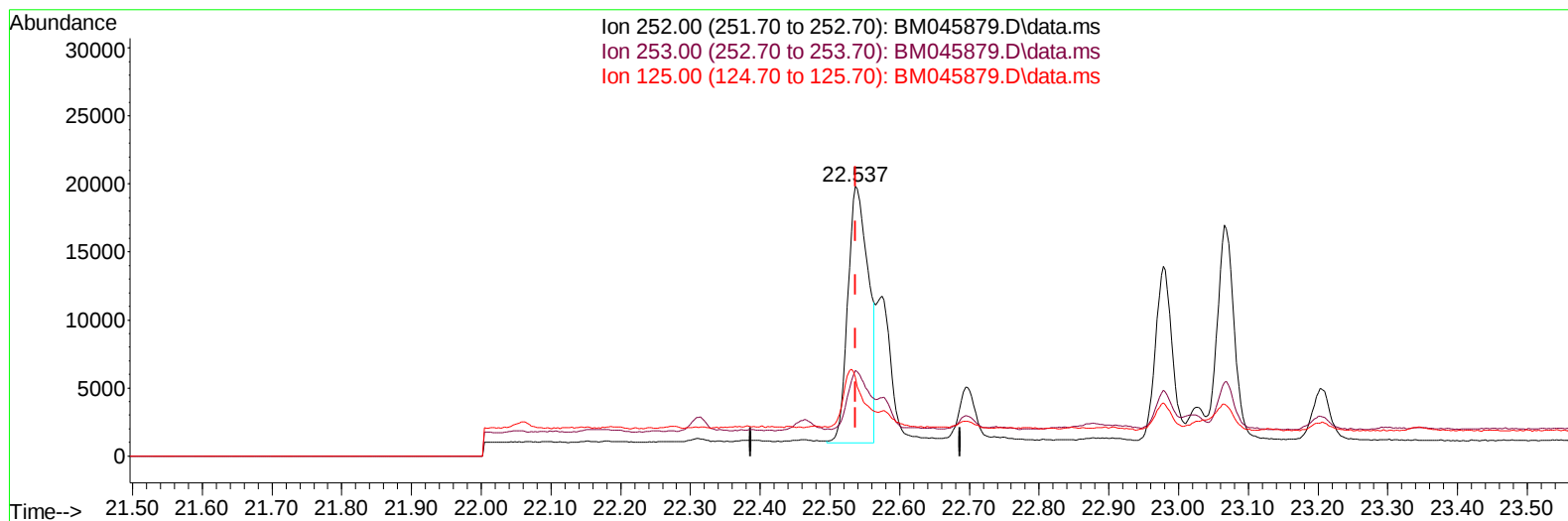
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045879.D
Acq On : 07 Jun 2024 13:05
Operator : MA/JU
Sample : P2586-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D17

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Supervised By :mohammad ahmed 06/13/2024



TIC: BM045879.D\data.ms

(24) Benzo(b)fluoranthene

22.537min (-0.000) 0.66 ng/u1 m

response 38710

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.80	31.78
125.00	17.90	29.14
0.00	0.00	0.00

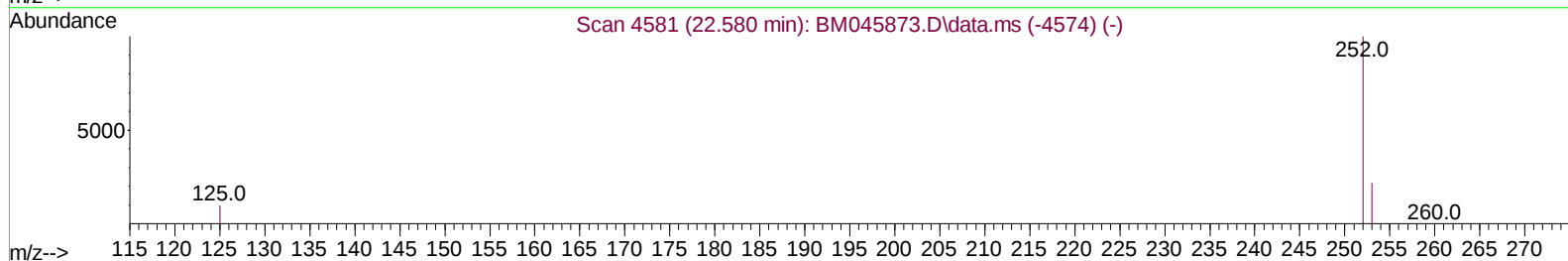
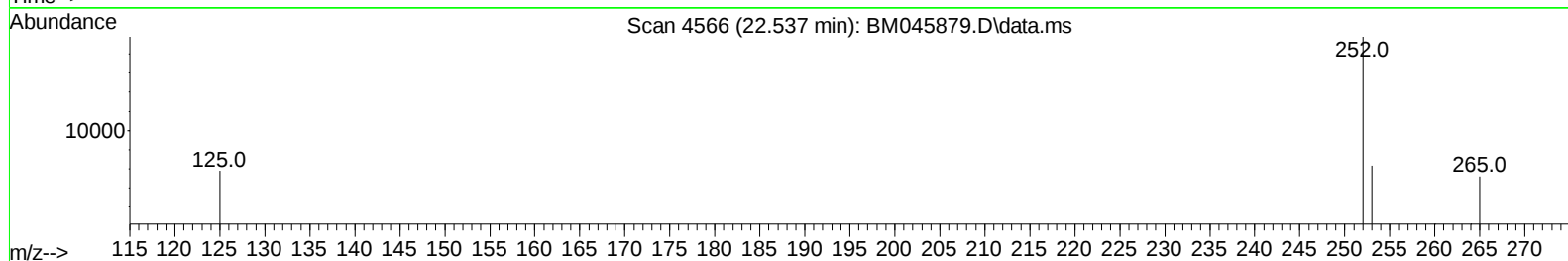
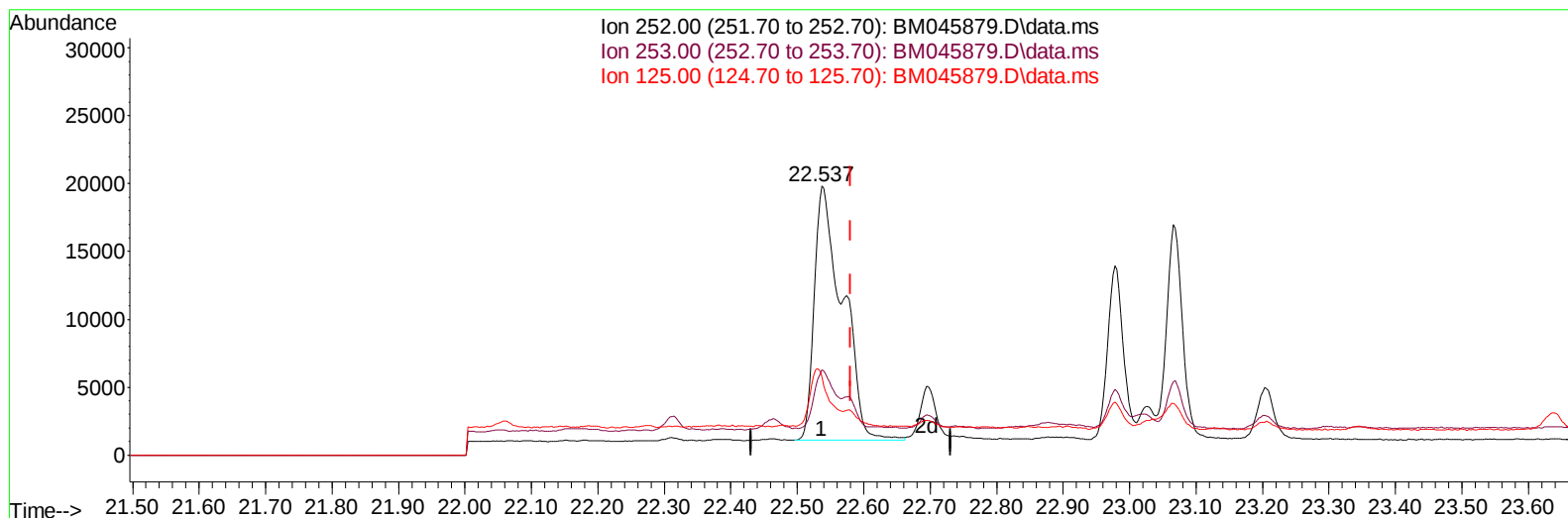
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045879.D
Acq On : 07 Jun 2024 13:05
Operator : MA/JU
Sample : P2586-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D17

Manual IntegrationsAPPROVED

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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: BM045879.D\data.ms

(25) Benzo(k)fluoranthene

22.537min (-0.044) 0.85 ng/u1

response 54809

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.30	31.78
125.00	17.70	29.14#
0.00	0.00	0.00

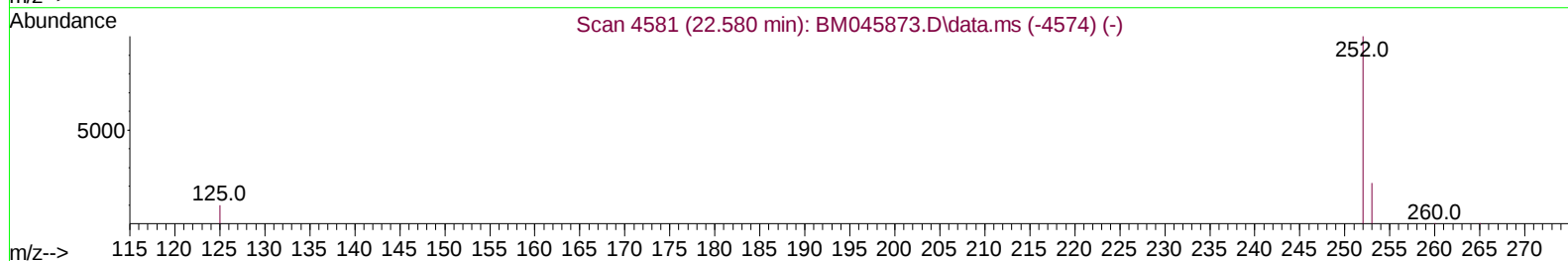
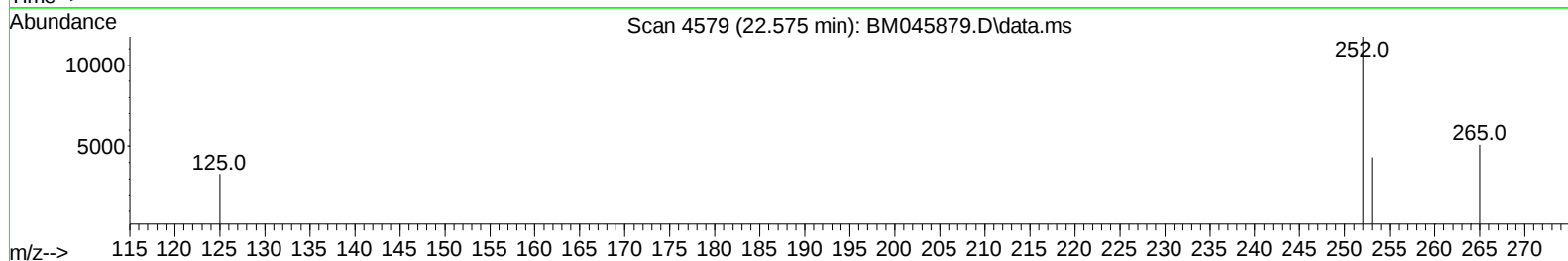
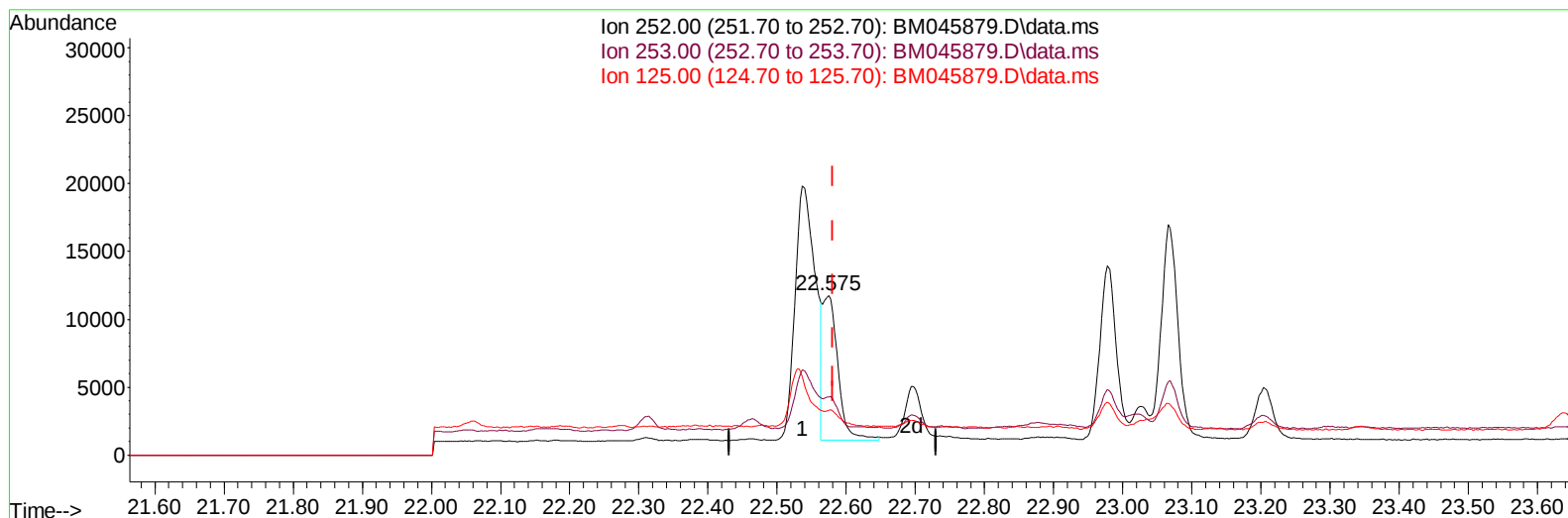
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045879.D
Acq On : 07 Jun 2024 13:05
Operator : MA/JU
Sample : P2586-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D17

Manual IntegrationsAPPROVED

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

Quant Time: Jun 07 14:01:06 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: BM045879.D\data.ms

(25) Benzo(k)fluoranthene

22.575min (-0.006) 0.25 ng/u1 m

response 16447

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.30	36.53
125.00	17.70	28.02#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.468	152	6204	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.238	136	21535	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.114	164	11436	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.854	188	23944m	0.400	ng/ul	-0.01
17) Chrysene-d12	21.049	240	18166m	0.400	ng/ul	0.00
23) Perylene-d12	23.162	264	17704m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.059	96	28347	4.012	ng/ul	-0.03
6) 2-Methylnaphthalene-d10	11.844	152	7354	0.237	ng/ul	0.00
18) Fluoranthene-d10	18.886	212	14168	0.260	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.288	128	3774	0.067	ng/ul#	93
7) 2-Methylnaphthalene	11.921	142	1333	0.037	ng/ul	99
8) 1-Methylnaphthalene	12.141	142	1224	0.031	ng/ul	98
10) Acenaphthylene	13.836	152	3767	0.072	ng/ul	96
11) Acenaphthene	14.178	153	1024	0.027	ng/ul#	90
12) Fluorene	15.168	166	2931	0.069	ng/ul#	98
15) Phenanthrene	16.896	178	38733m	0.576	ng/ul	
16) Anthracene	16.985	178	8335m	0.145	ng/ul	
19) Fluoranthene	18.919	202	68280	0.943	ng/ul	98
20) Pyrene	19.276	202	55586	0.736	ng/ul	100
21) Benzo(a)anthracene	21.032	228	30559	0.458	ng/ul	96
22) Chrysene	21.084	228	31481	0.434	ng/ul	96
24) Benzo(b)fluoranthene	22.537	252	38710m	0.659	ng/ul	
25) Benzo(k)fluoranthene	22.575	252	16447m	0.255	ng/ul	
26) Benzo(a)pyrene	23.066	252	26755	0.458	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.229	276	20300	0.269	ng/ul	91
28) Dibenzo(a,h)anthracene	25.229	278	4717	0.078	ng/ul#	51
29) Benzo(g,h,i)perylene	25.856	276	19970	0.307	ng/ul	97

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

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