

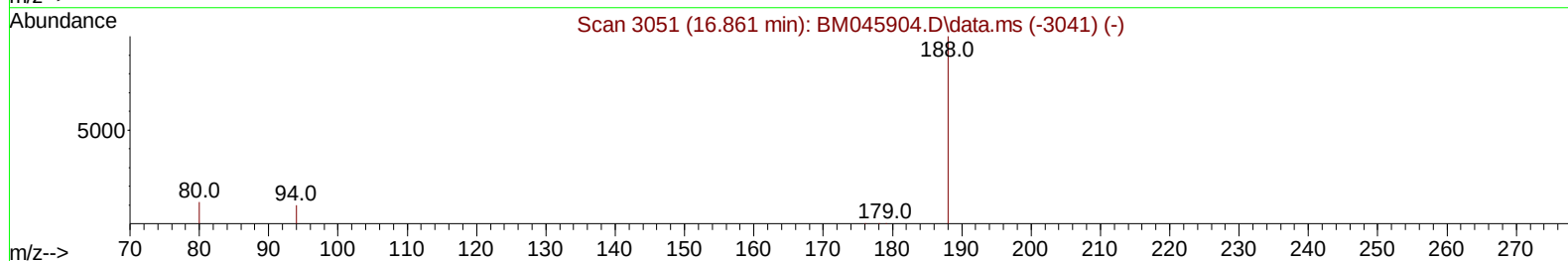
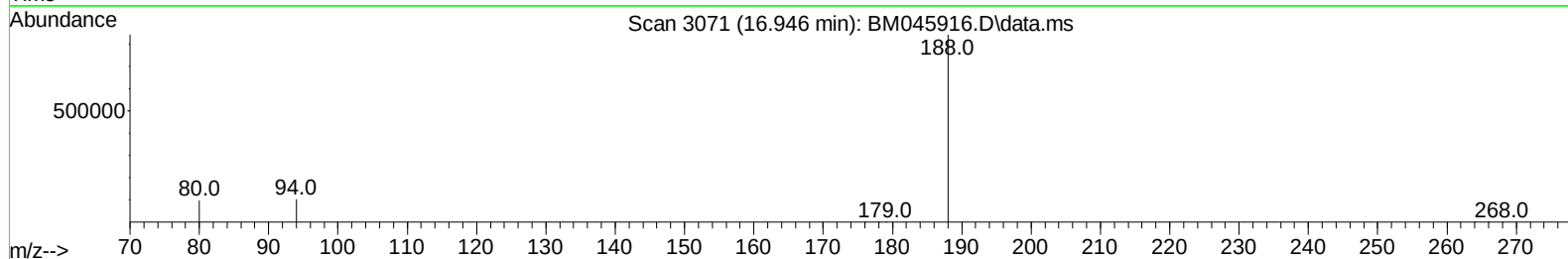
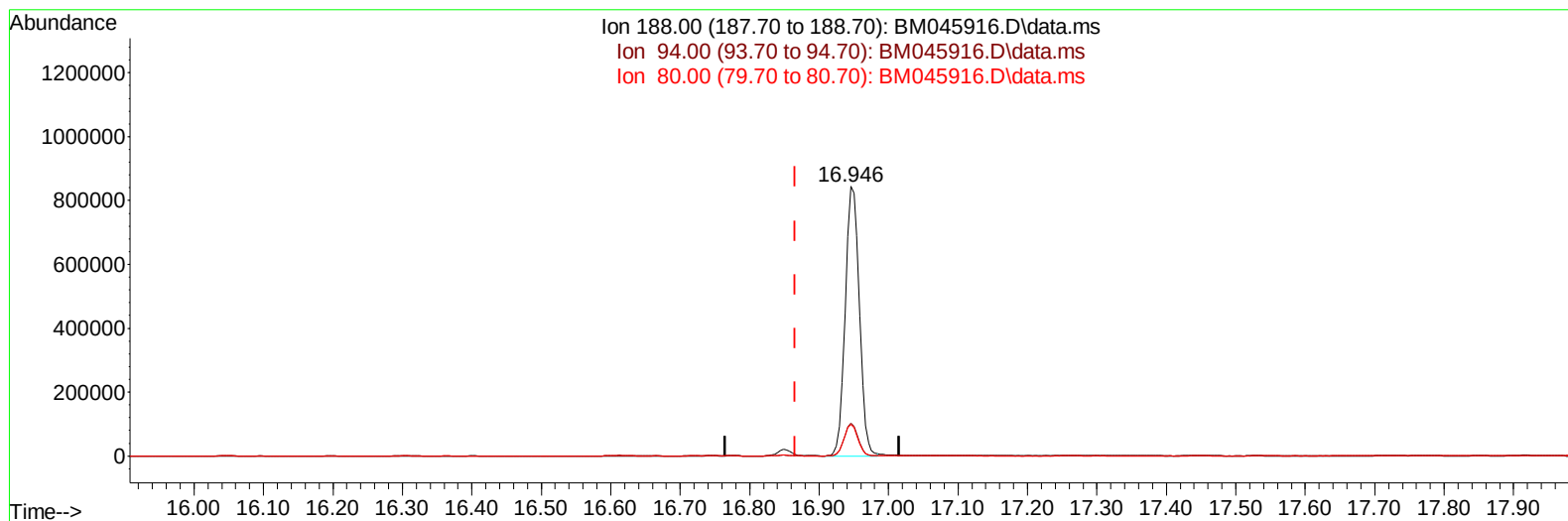
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045916.D
Acq On : 08 Jun 2024 15:03
Operator : MA/JU
Sample : P2640-13
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C33

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:28:37 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 : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



TIC: BM045916.D\data.ms

(13) Phenanthrene-d10 (I)

16.946min (+ 0.080) 0.40 ng/u1

response 1185497

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.50	12.14
80.00	11.70	11.59
0.00	0.00	0.00

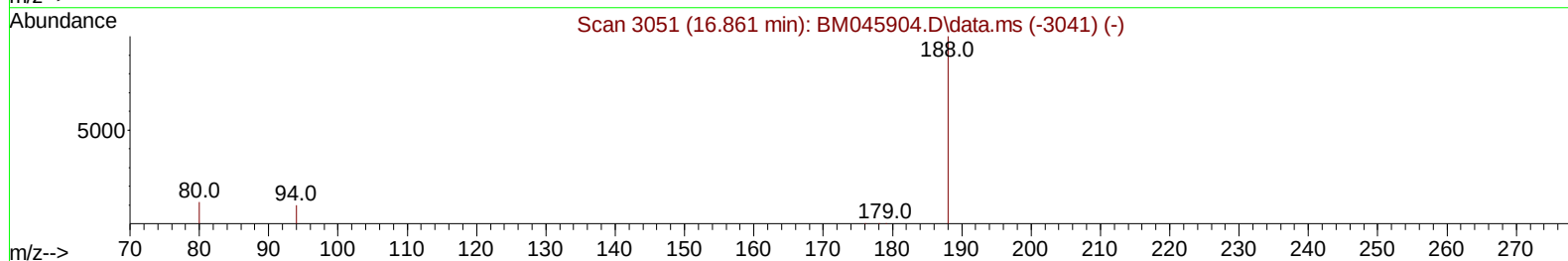
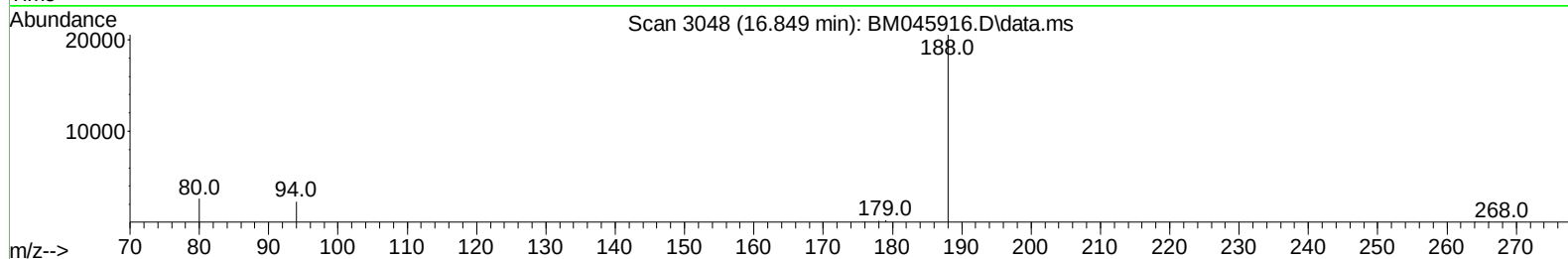
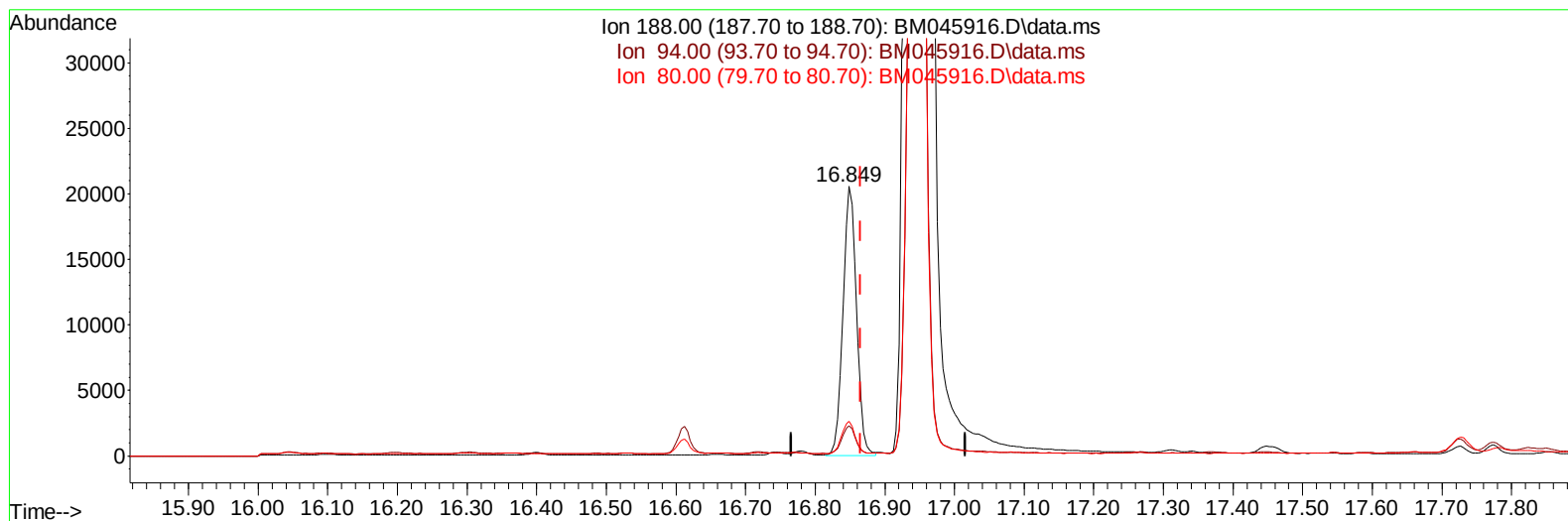
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045916.D
Acq On : 08 Jun 2024 15:03
Operator : MA/JU
Sample : P2640-13
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C33

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:28:37 2024
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Reviewed By :Yogesh Patel 06/10/2024
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TIC: BM045916.D\data.ms

(13) Phenanthrene-d10 (I)

16.849min (-0.017) 0.40 ng/ul m

response 27885

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.50	11.16
80.00	11.70	12.79
0.00	0.00	0.00

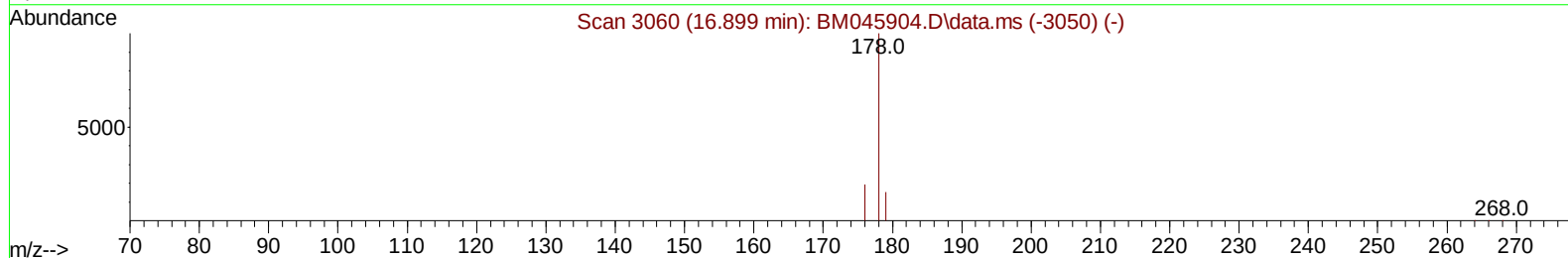
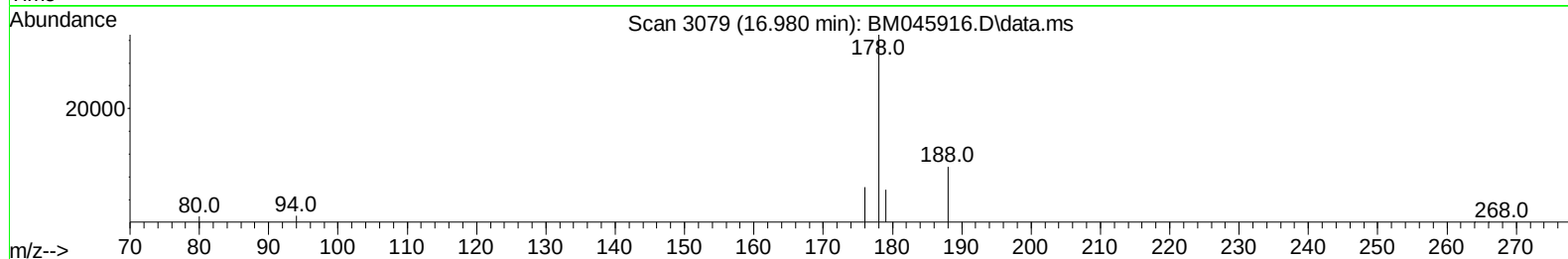
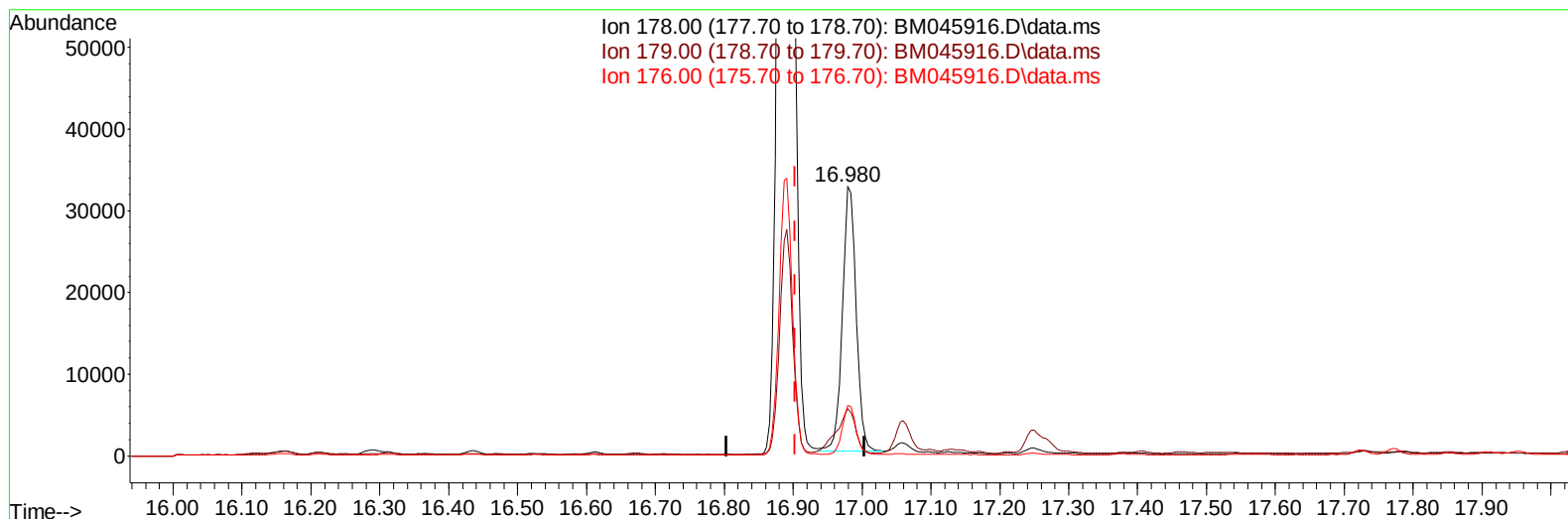
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045916.D
Acq On : 08 Jun 2024 15:03
Operator : MA/JU
Sample : P2640-13
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C33

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:28:37 2024
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TIC: BM045916.D\data.ms

(15) Phenanthrene

16.980min (+ 0.076) 0.57 ng/u1

response 44659

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.90	17.60
176.00	19.50	18.88
0.00	0.00	0.00

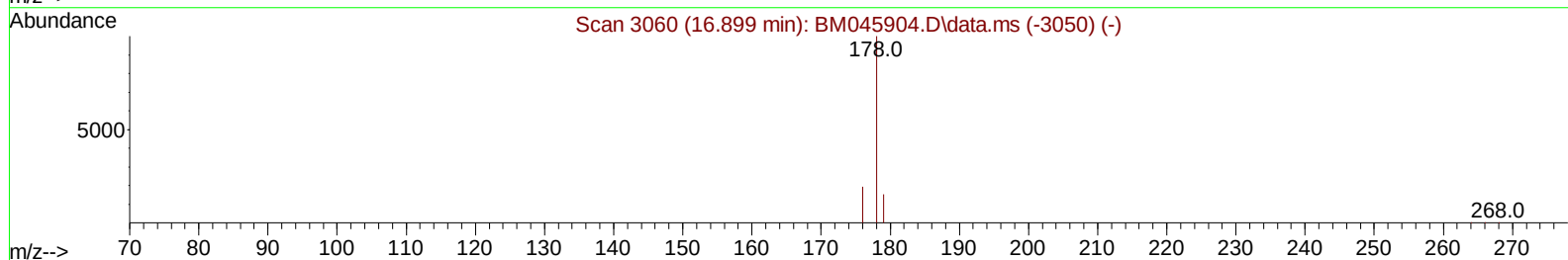
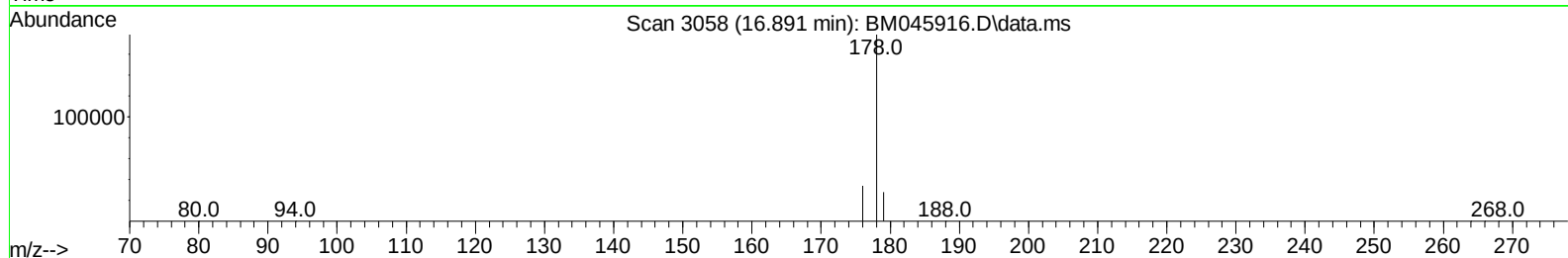
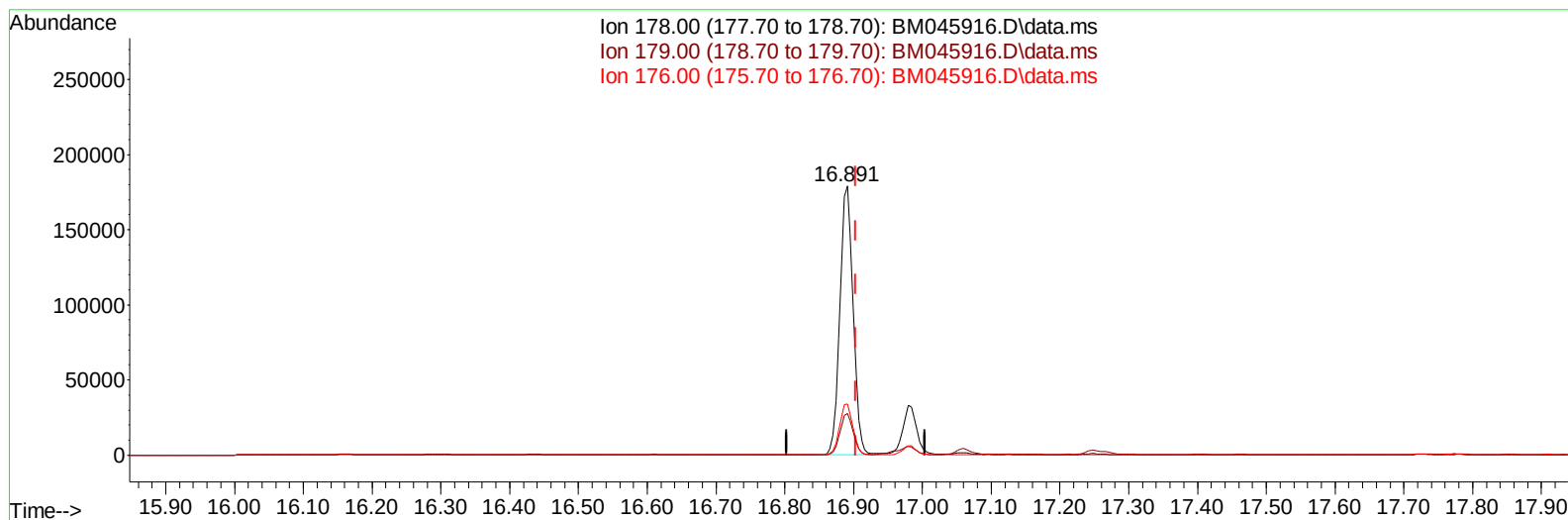
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045916.D
Acq On : 08 Jun 2024 15:03
Operator : MA/JU
Sample : P2640-13
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C33

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:28:37 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 : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration

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TIC: BM045916.D\data.ms

(15) Phenanthrene

16.891min (-0.013) 3.08 ng/ul m

response 241130

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.90	15.49
176.00	19.50	19.01
0.00	0.00	0.00

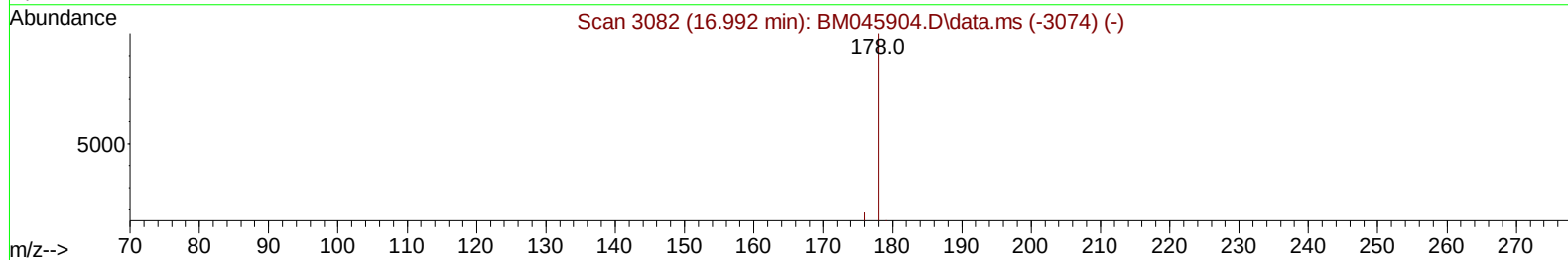
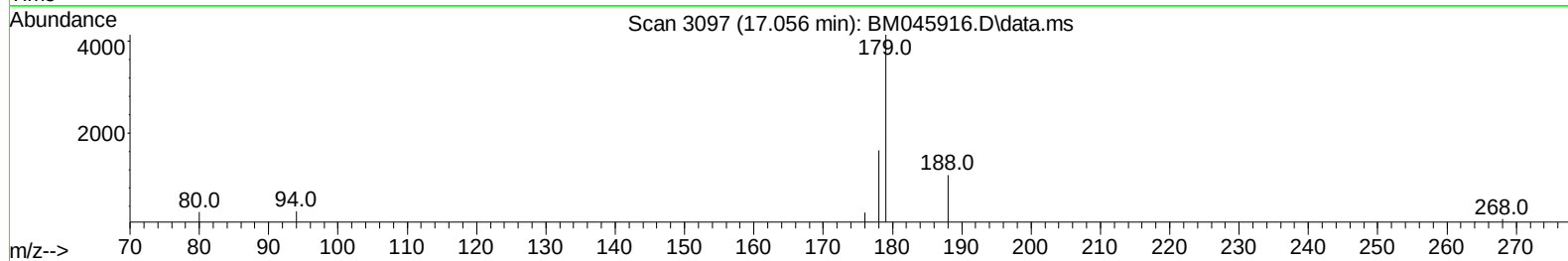
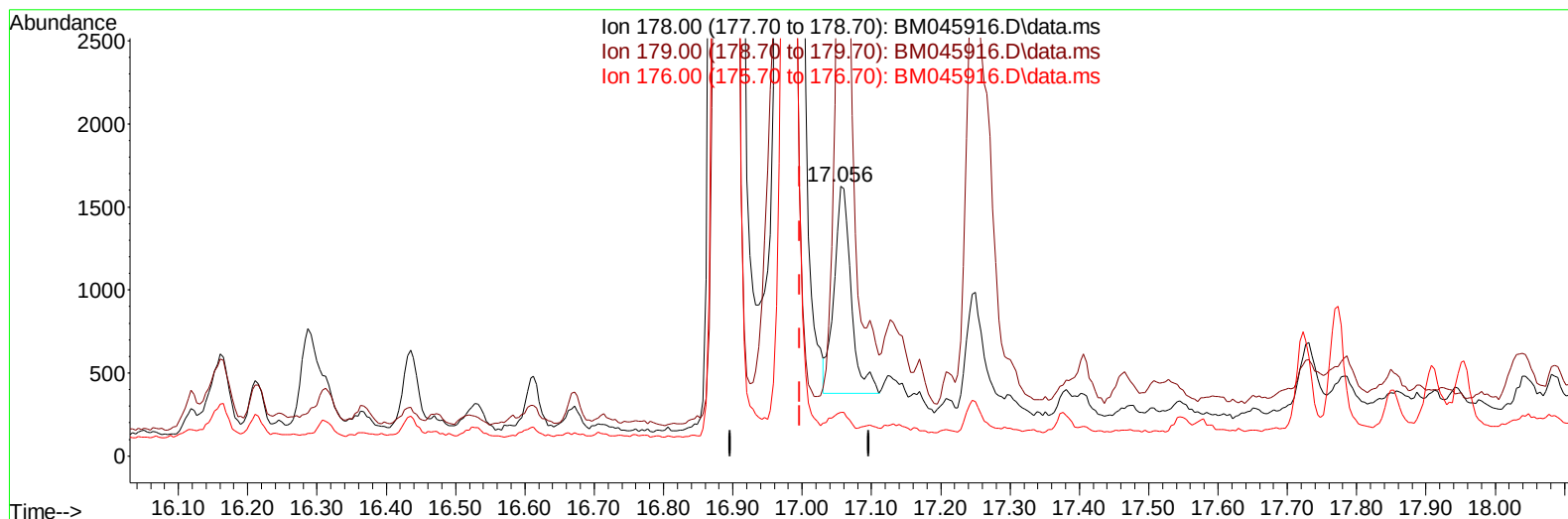
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045916.D
Acq On : 08 Jun 2024 15:03
Operator : MA/JU
Sample : P2640-13
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C33

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:28:37 2024
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TIC: BM045916.D\data.ms

(16) Anthracene

17.056min (+ 0.059) 0.03 ng/u1

response 2127

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.40	255.21#
176.00	19.40	16.08
0.00	0.00	0.00

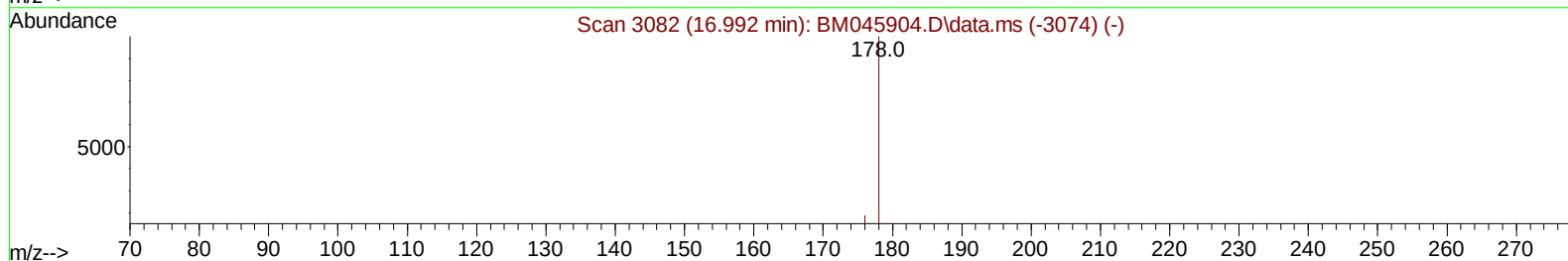
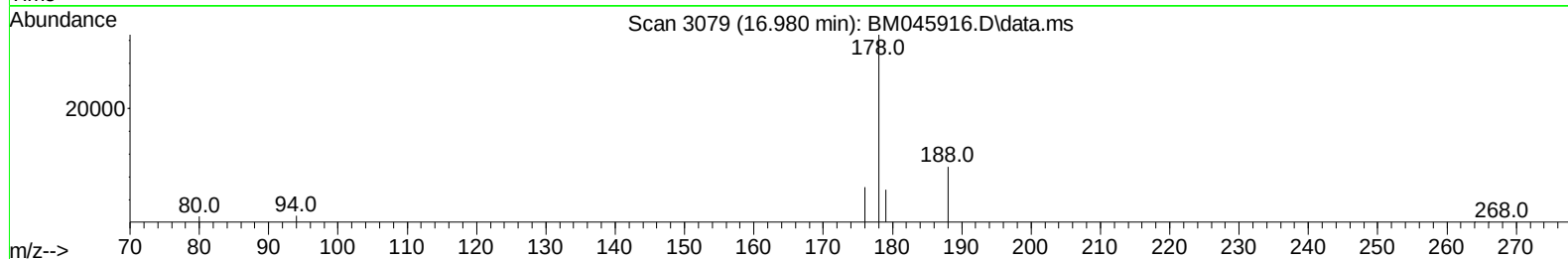
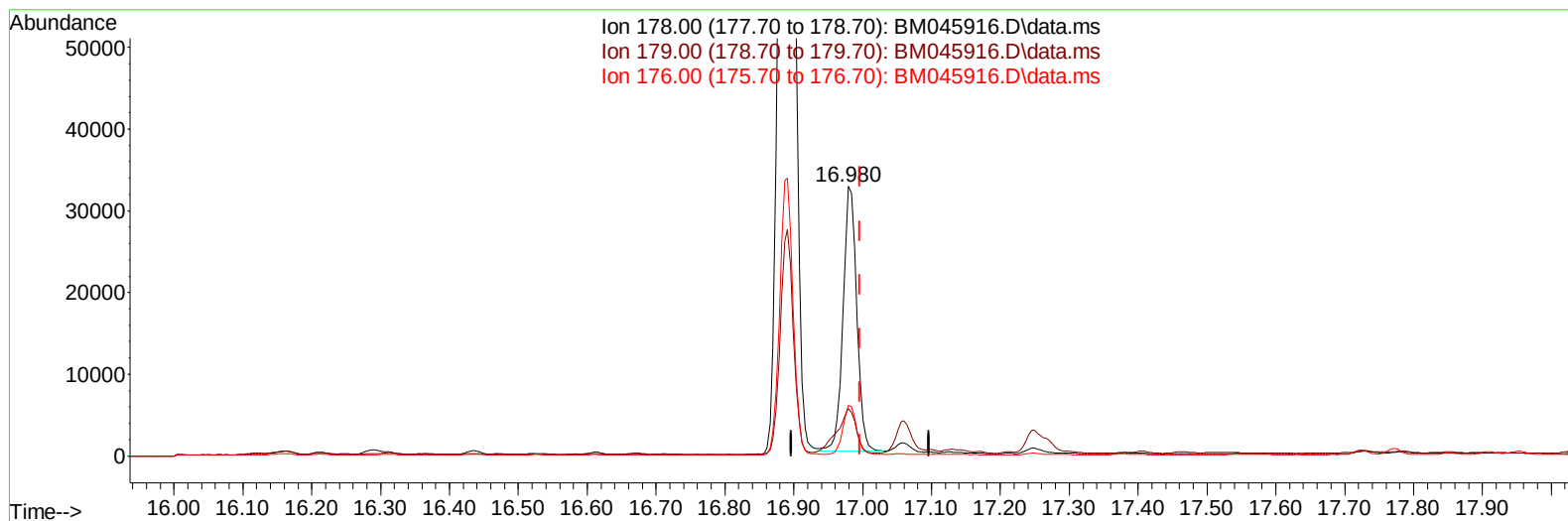
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Data File : BM045916.D
Acq On : 08 Jun 2024 15:03
Operator : MA/JU
Sample : P2640-13
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C33

Manual IntegrationsAPPROVED

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TIC: BM045916.D\data.ms

(16) Anthracene

16.980min (-0.017) 0.67 ng/ul m

response 44770

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.40	17.60
176.00	19.40	18.88
0.00	0.00	0.00

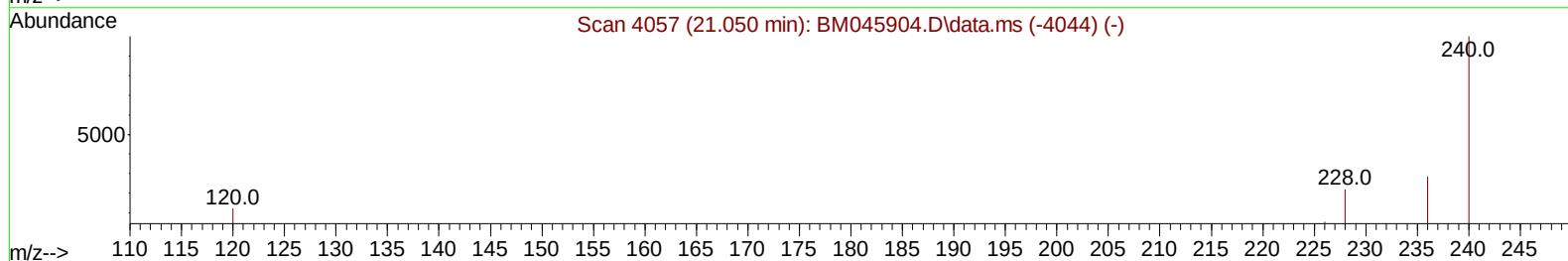
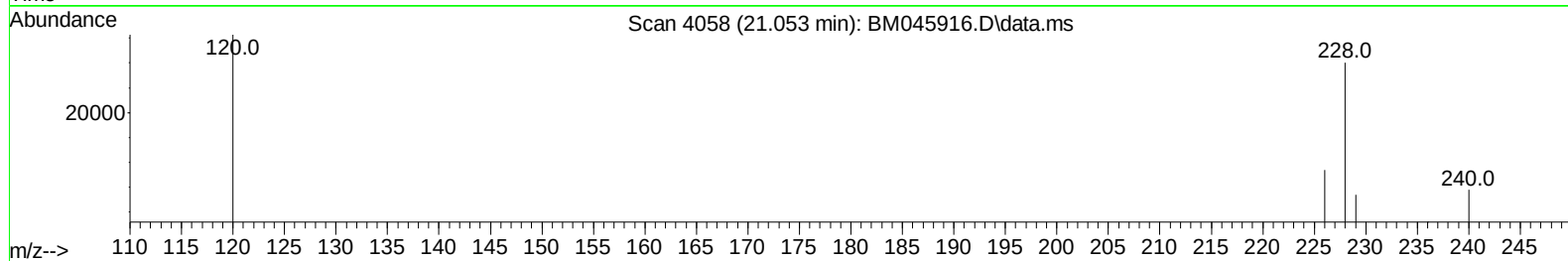
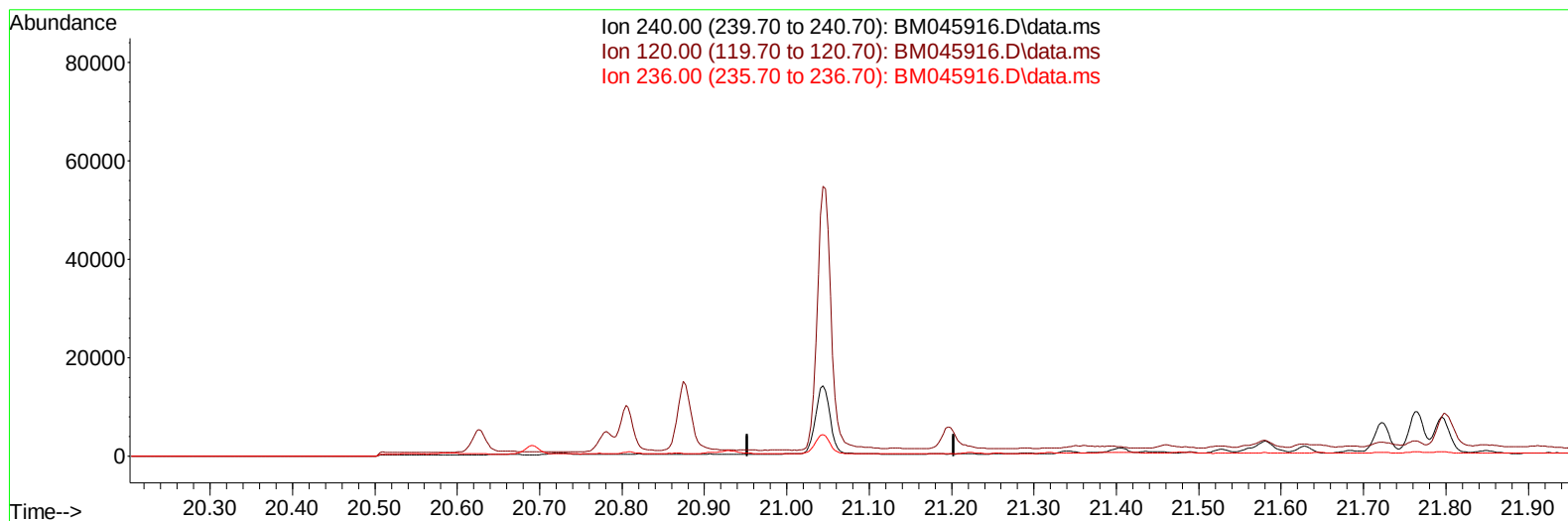
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Data File : BM045916.D
Acq On : 08 Jun 2024 15:03
Operator : MA/JU
Sample : P2640-13
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C33

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:28:37 2024
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TIC: BM045916.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

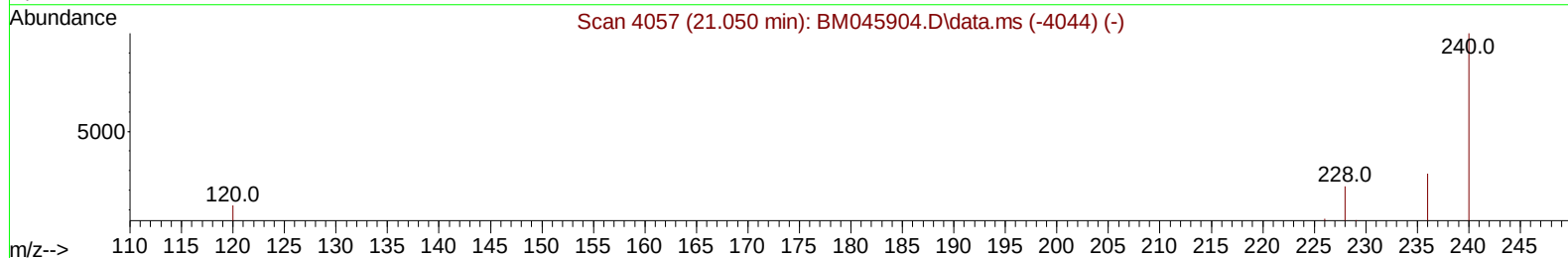
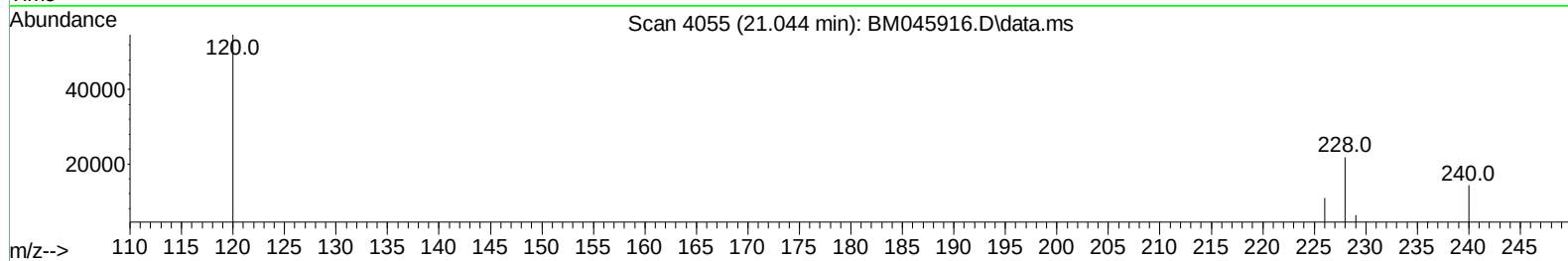
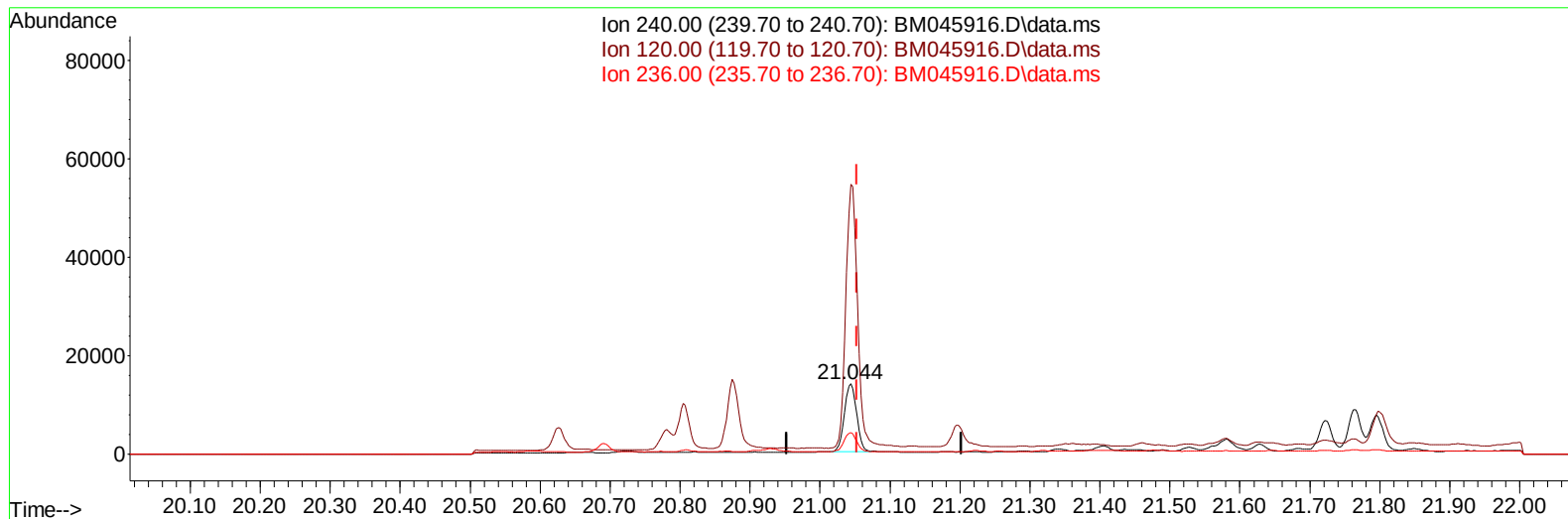
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045916.D
Acq On : 08 Jun 2024 15:03
Operator : MA/JU
Sample : P2640-13
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C33

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:28:37 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 : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



TIC: BM045916.D\data.ms

(17) Chrysene-d12

21.044min (-0.009) 0.40 ng/ul m

response 16846

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.10	384.47#
236.00	29.50	30.73
0.00	0.00	0.00

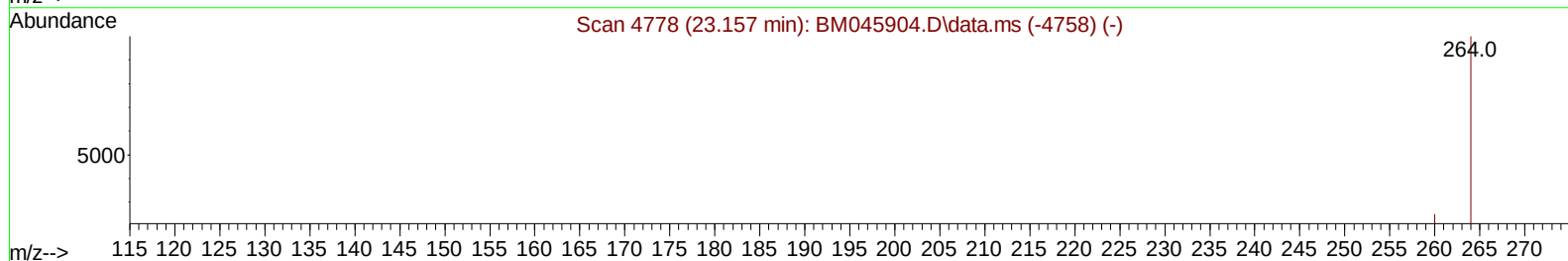
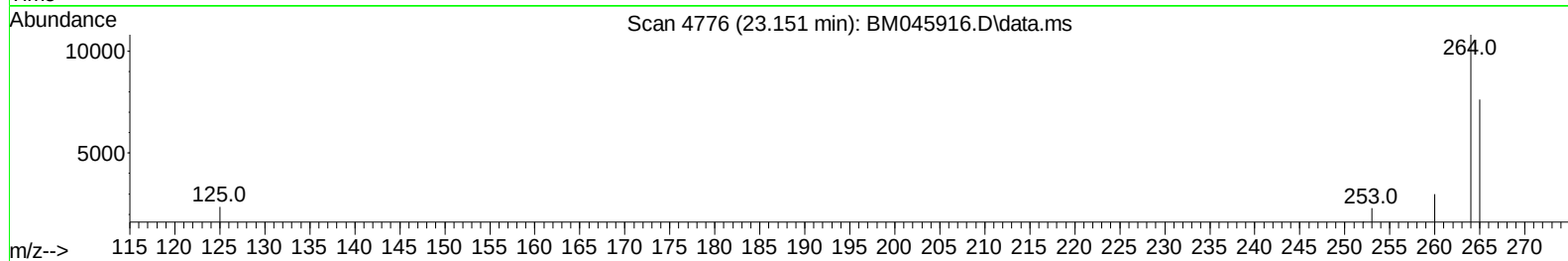
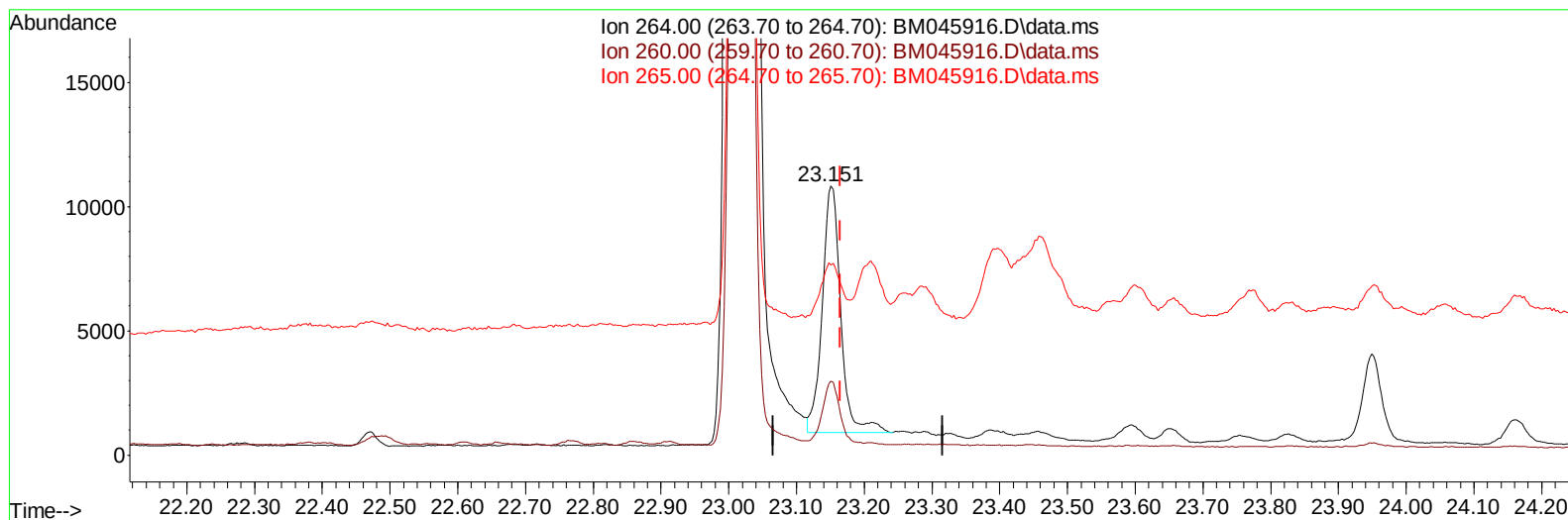
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045916.D
Acq On : 08 Jun 2024 15:03
Operator : MA/JU
Sample : P2640-13
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C33

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:28:37 2024
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TIC: BM045916.D\data.ms

(23) Perylene-d12 (I)

23.151min (-0.015) 0.40 ng/u1

response 18738

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.70	27.49
265.00	76.60	70.68
0.00	0.00	0.00

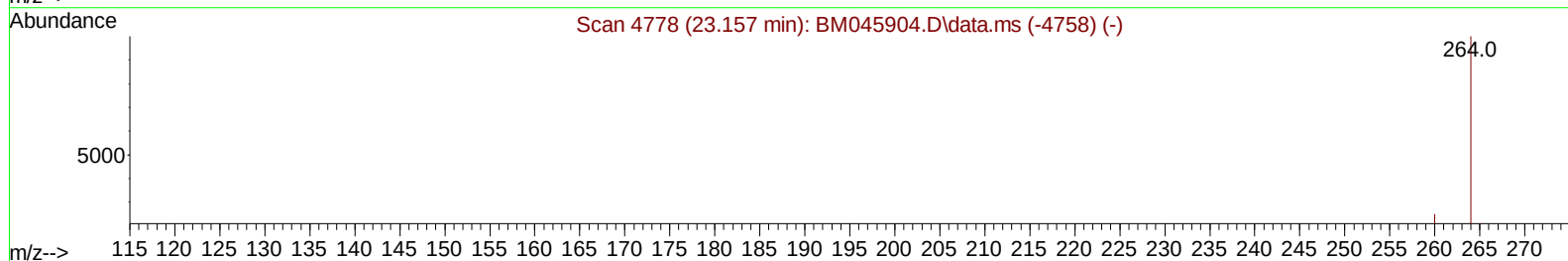
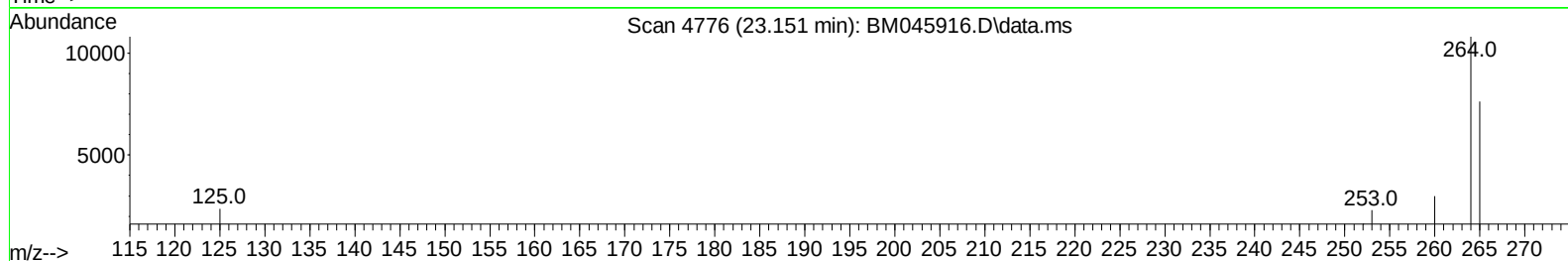
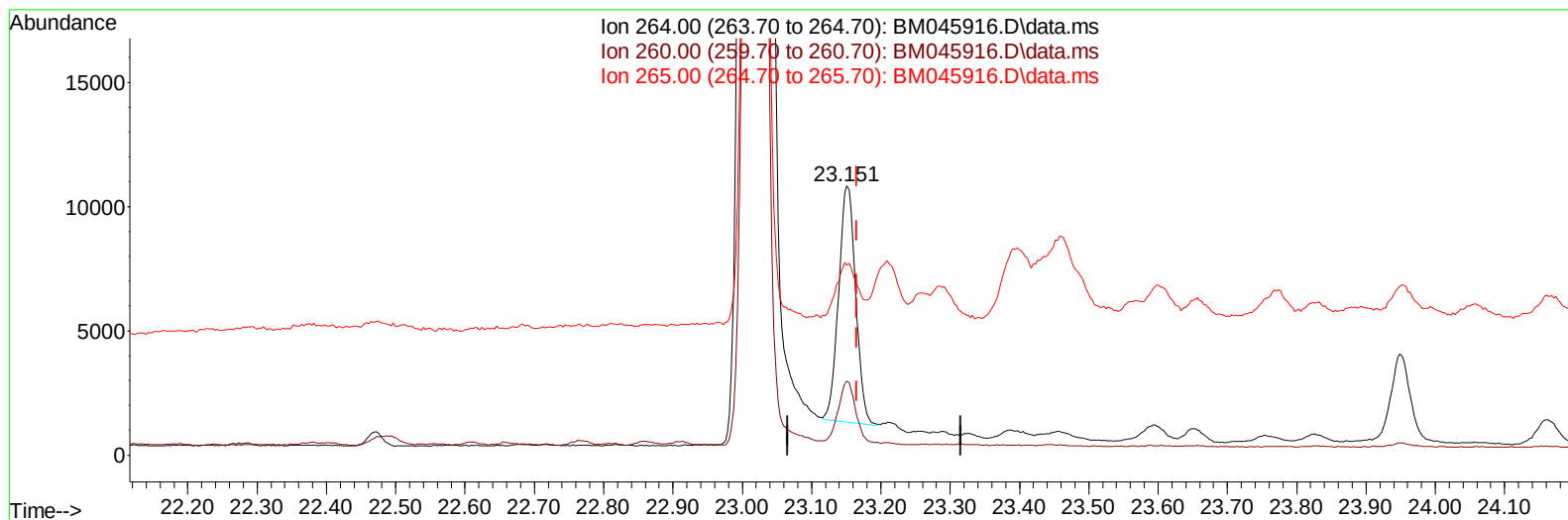
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045916.D
Acq On : 08 Jun 2024 15:03
Operator : MA/JU
Sample : P2640-13
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C33

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:28:37 2024
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TIC: BM045916.D\data.ms

(23) Perylene-d12 (I)

23.151min (-0.015) 0.40 ng/ul m

response 16176

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.70	27.49
265.00	76.60	70.68
0.00	0.00	0.00

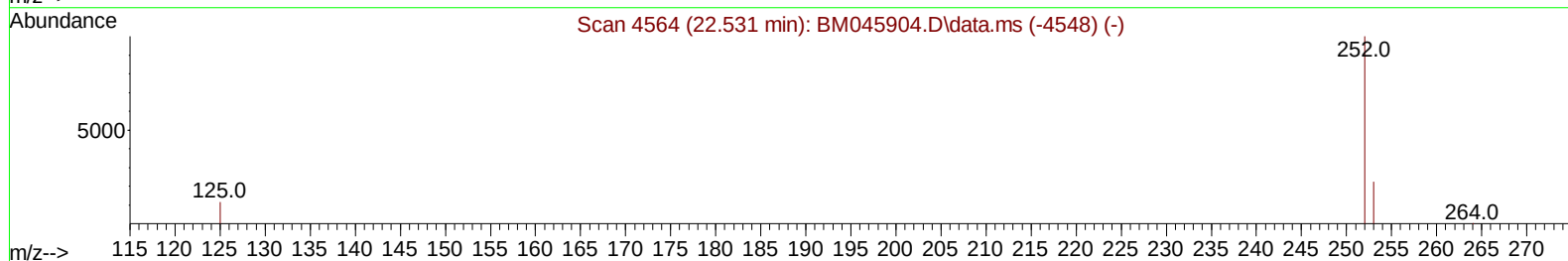
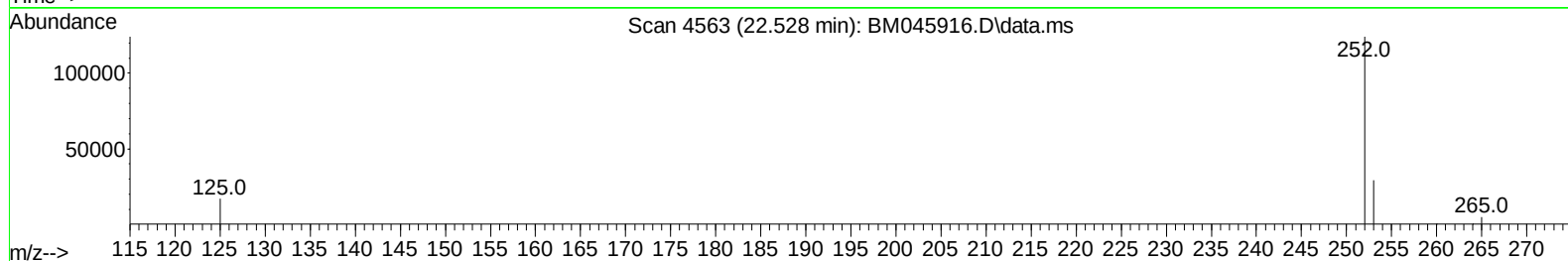
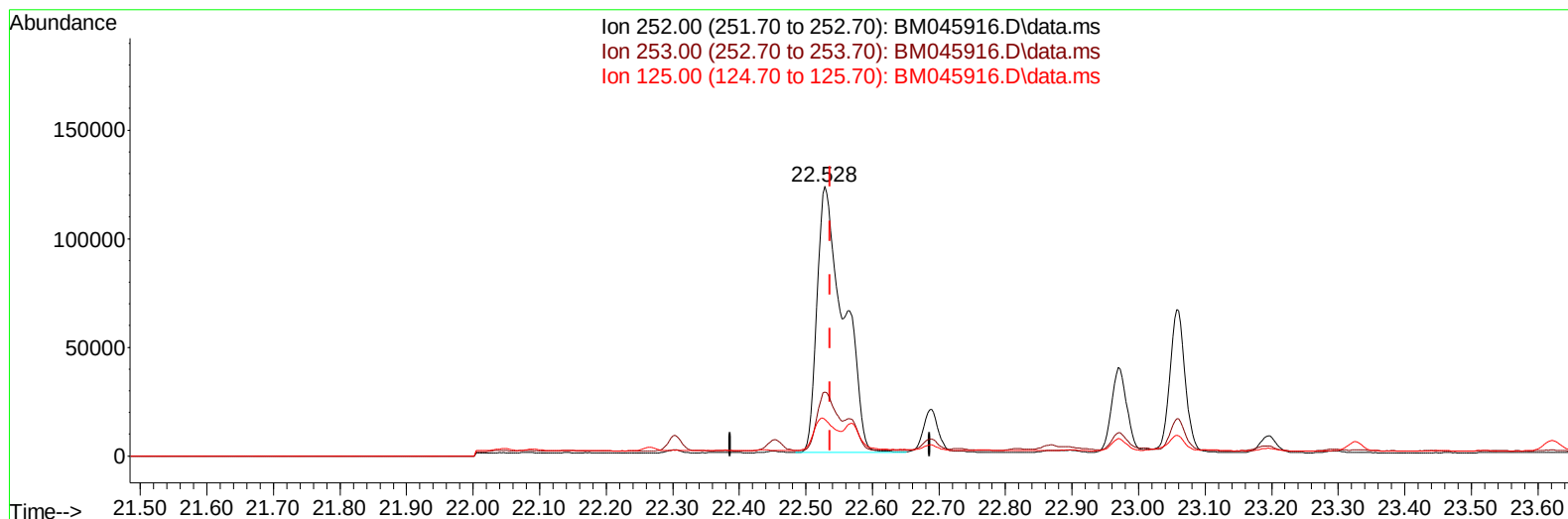
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045916.D
Acq On : 08 Jun 2024 15:03
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Sample : P2640-13
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ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C33

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TIC: BM045916.D\data.ms

(24) Benzo(b)fluoranthene

22.528min (-0.009) 6.31 ng/u1

response 338520

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.80	23.77
125.00	17.90	13.67
0.00	0.00	0.00

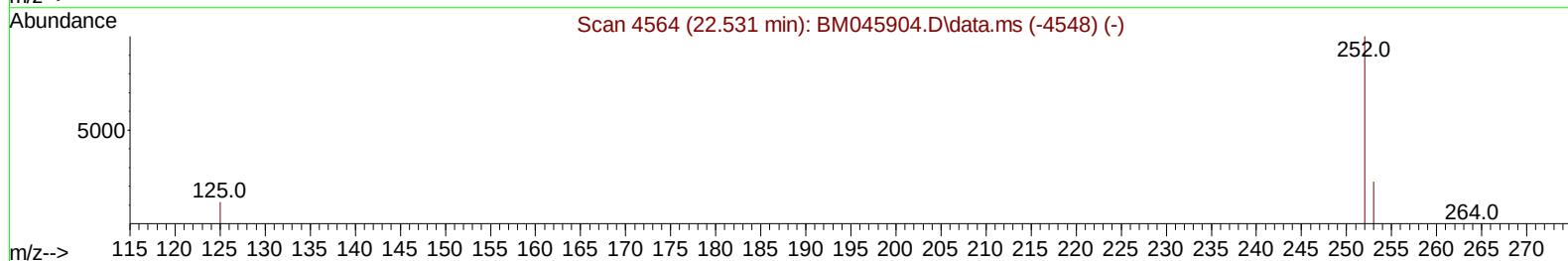
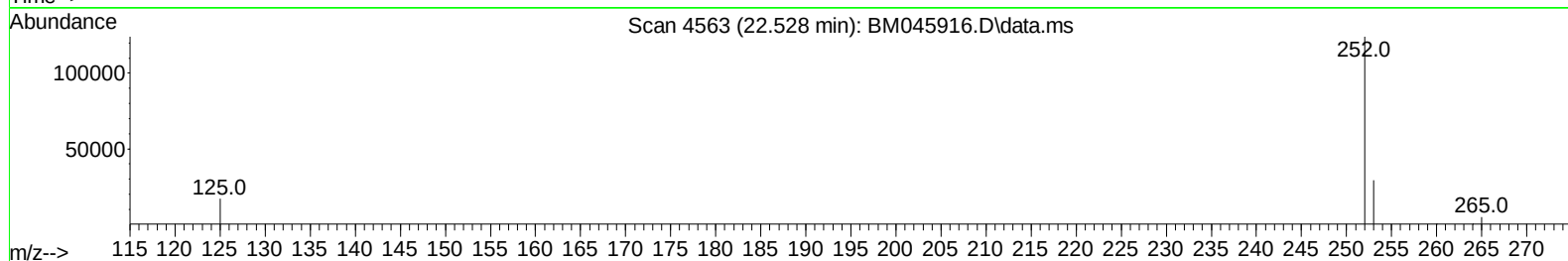
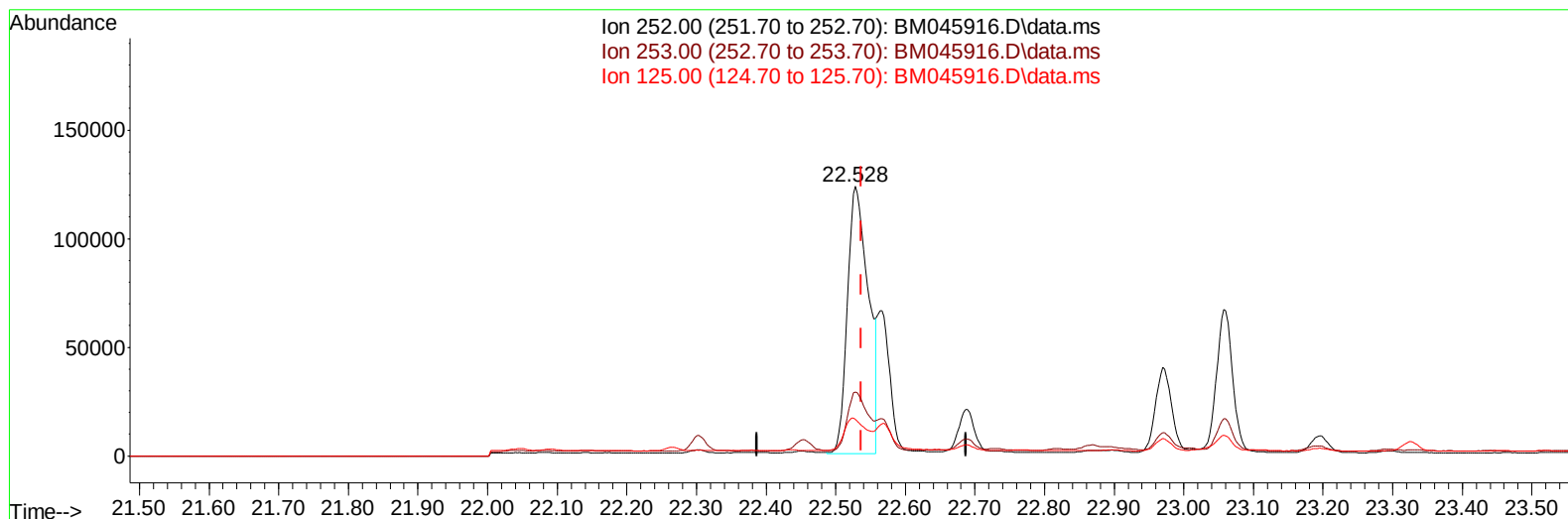
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045916.D
Acq On : 08 Jun 2024 15:03
Operator : MA/JU
Sample : P2640-13
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C33

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/13/2024

Quant Time: Jun 10 01:28:37 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 : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration



TIC: BM045916.D\data.ms

(24) Benzo(b)fluoranthene

22.528min (-0.009) 4.80 ng/u l m

response 257518

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.80	23.77
125.00	17.90	13.67
0.00	0.00	0.00

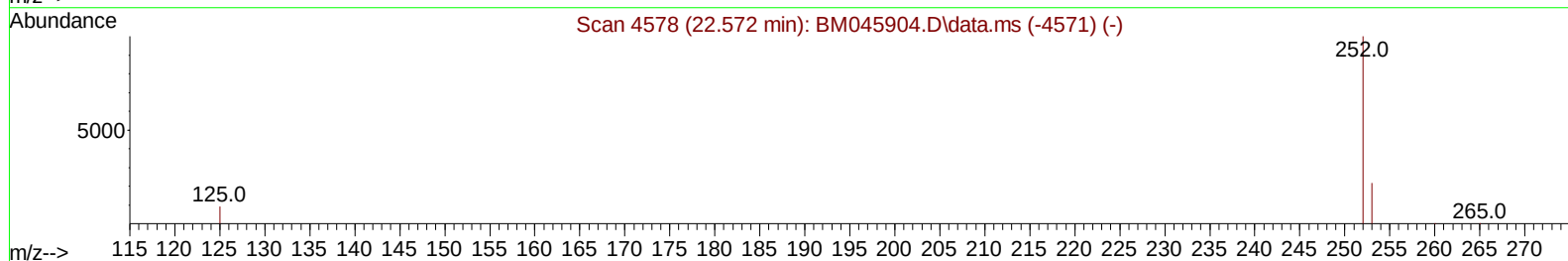
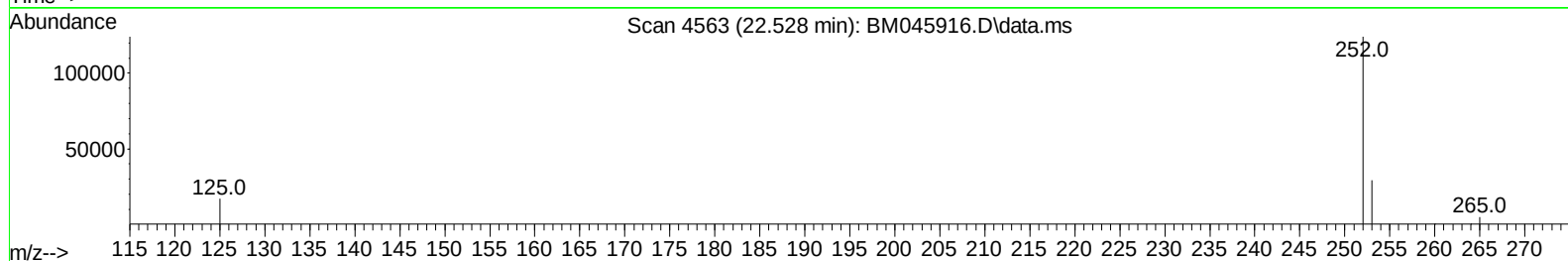
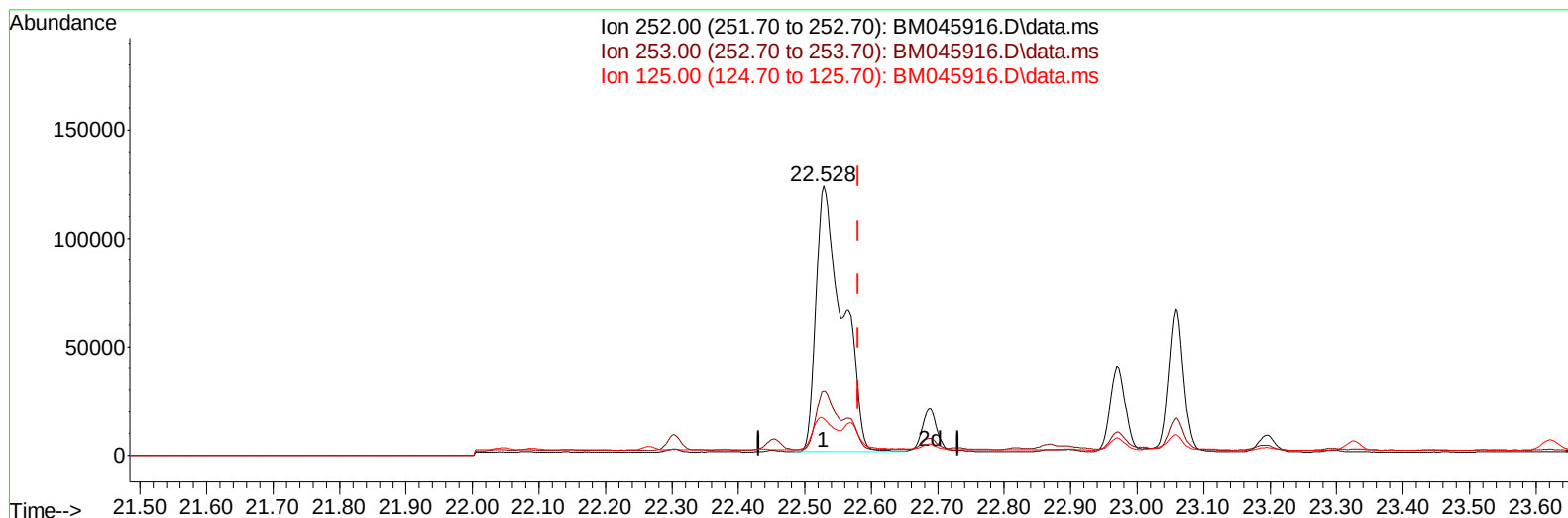
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045916.D
Acq On : 08 Jun 2024 15:03
Operator : MA/JU
Sample : P2640-13
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C33

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TIC: BM045916.D\data.ms

(25) Benzo(k)fluoranthene

22.528min (-0.053) 5.74 ng/u1

response 338520

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.30	23.77#
125.00	17.70	13.67#
0.00	0.00	0.00

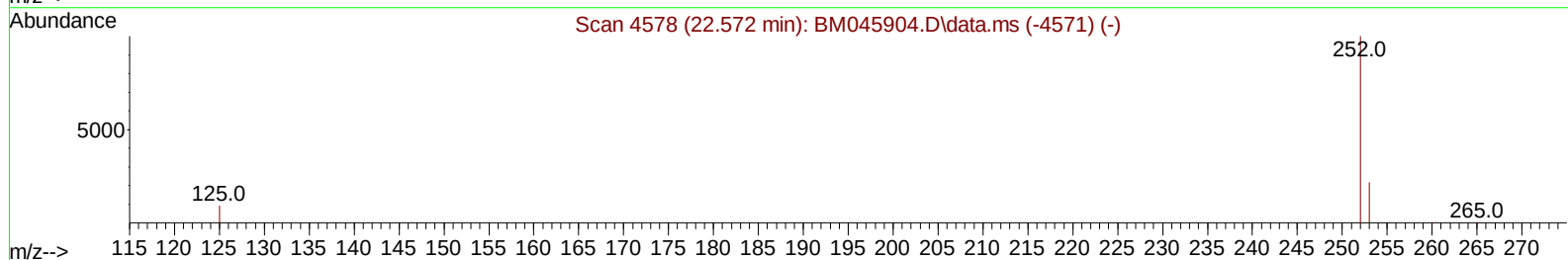
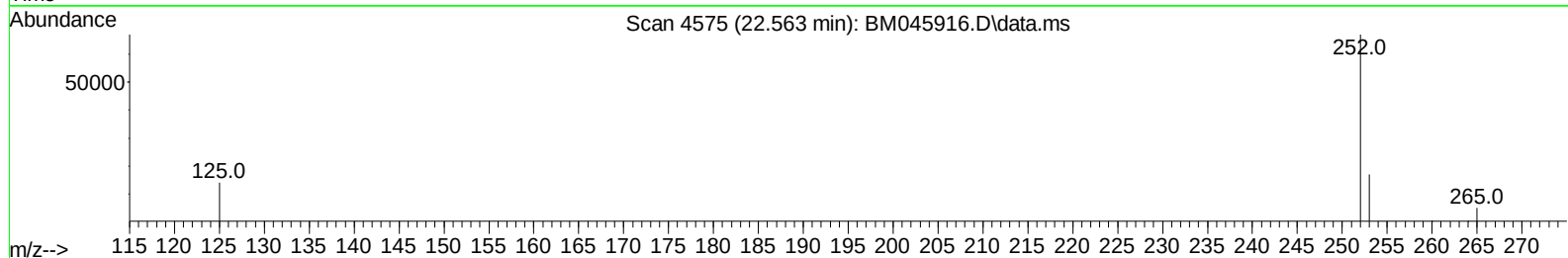
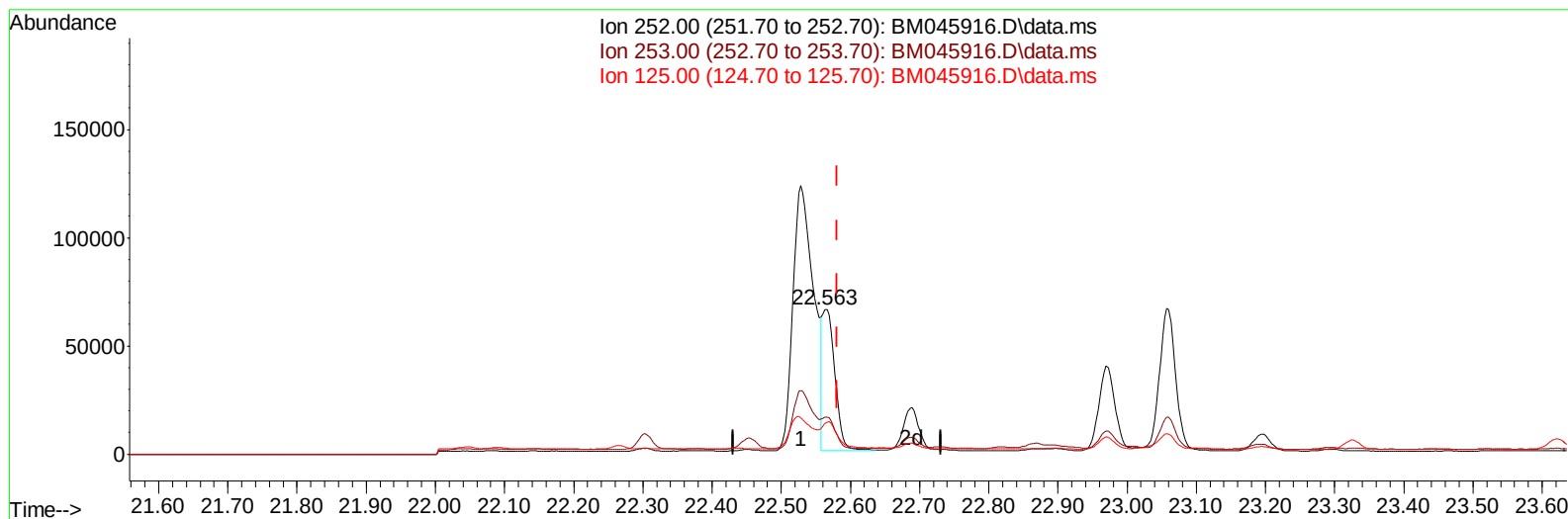
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045916.D
Acq On : 08 Jun 2024 15:03
Operator : MA/JU
Sample : P2640-13
Misc :
ALS Vial : 44 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C33

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/13/2024

Quant Time: Jun 10 01:28:37 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 : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration



TIC: BM045916.D\data.ms

(25) Benzo(k)fluoranthene22.563min (-0.018) 1.38 ng/u μ l m

response 81205

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.30	25.50
125.00	17.70	21.07
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	7.464	152	6616	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.231	136	22793	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.108	164	12445	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.849	188	27885m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.044	240	16846m	0.400	ng/ul	0.00
23) Perylene-d12	23.151	264	16176m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.059	96	26108	3.465	ng/ul	-0.03
6) 2-Methylnaphthalene-d10	11.837	152	7301	0.223	ng/ul	-0.01
18) Fluoranthene-d10	18.880	212	15924	0.316	ng/ul	-0.01
Target Compounds						
						Qvalue
5) Naphthalene	10.281	128	7781	0.131	ng/ul	96
7) 2-Methylnaphthalene	11.914	142	2950	0.078	ng/ul	99
8) 1-Methylnaphthalene	12.134	142	2356	0.057	ng/ul	98
10) Acenaphthylene	13.825	152	13967	0.247	ng/ul	99
11) Acenaphthene	14.172	153	8997	0.216	ng/ul	99
12) Fluorene	15.158	166	10299	0.222	ng/ul	99
15) Phenanthrene	16.891	178	241130m	3.080	ng/ul	
16) Anthracene	16.980	178	44770m	0.670	ng/ul	
19) Fluoranthene	18.913	202	529686	7.885	ng/ul	97
20) Pyrene	19.275	202	379136	5.410	ng/ul	96
21) Benzo(a)anthracene	21.026	228	190192	3.076	ng/ul	98
22) Chrysene	21.079	228	212910	3.163	ng/ul	99
24) Benzo(b)fluoranthene	22.528	252	257518m	4.800	ng/ul	
25) Benzo(k)fluoranthene	22.563	252	81205m	1.377	ng/ul	
26) Benzo(a)pyrene	23.057	252	106786	2.001	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	25.209	276	98851	1.433	ng/ul#	96
28) Dibenzo(a,h)anthracene	25.212	278	28033	0.508	ng/ul#	91
29) Benzo(g,h,i)perylene	25.846	276	16723	0.281	ng/ul#	87

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

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