

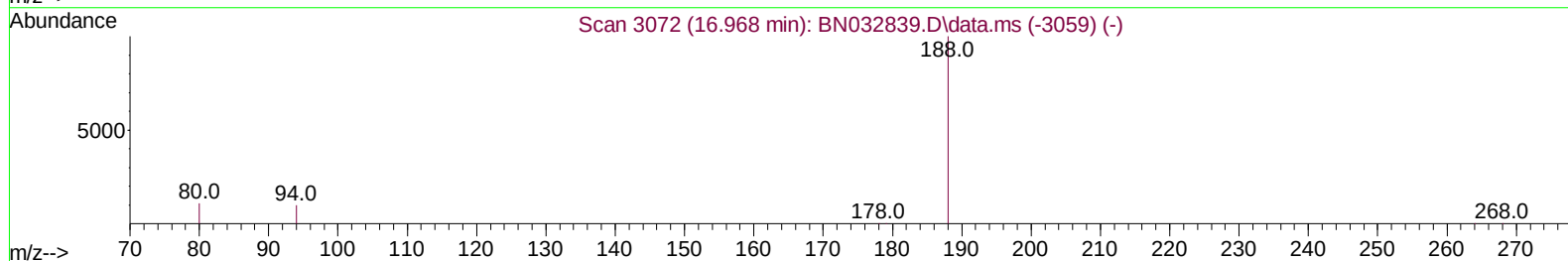
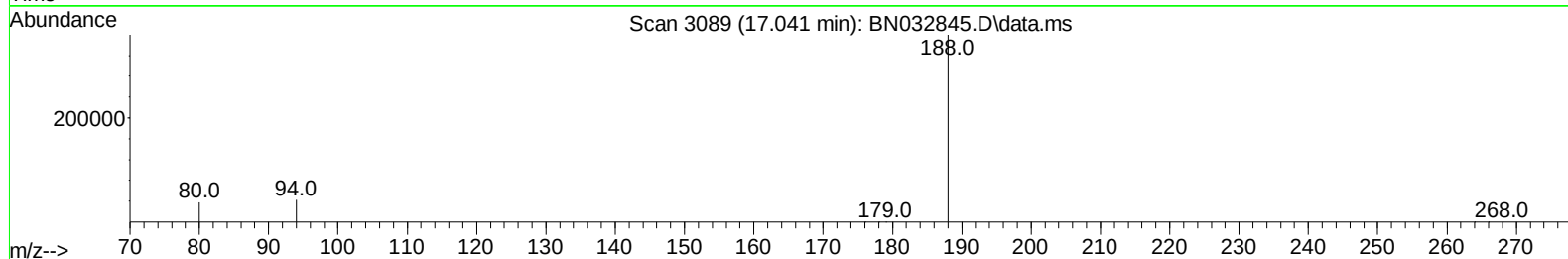
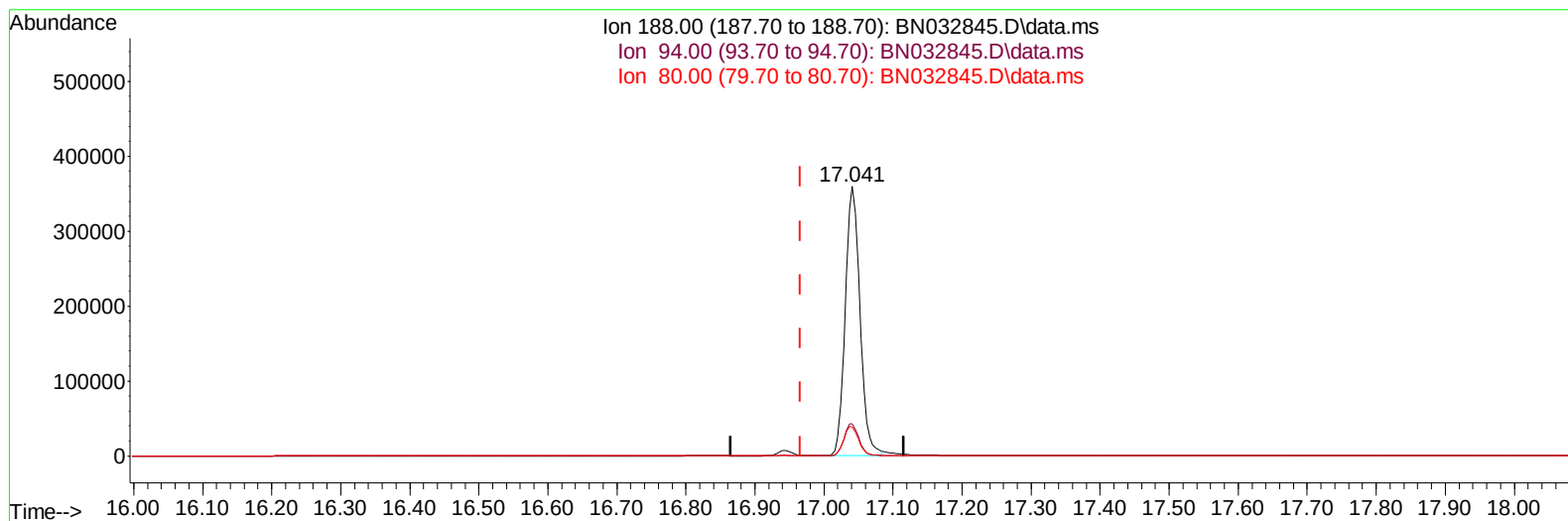
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032845.D
Acq On : 19 Jul 2024 17:36
Operator : MA/JU
Sample : P3178-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BS9

Manual IntegrationsAPPROVED

Quant Time: Jul 19 18:41:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



TIC: BN032845.D\data.ms

(13) Phenanthrene-d10 (I)

17.041min (+ 0.076) 0.40 ng/u1

response 532407

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.00	11.88
80.00	12.00	10.67
0.00	0.00	0.00

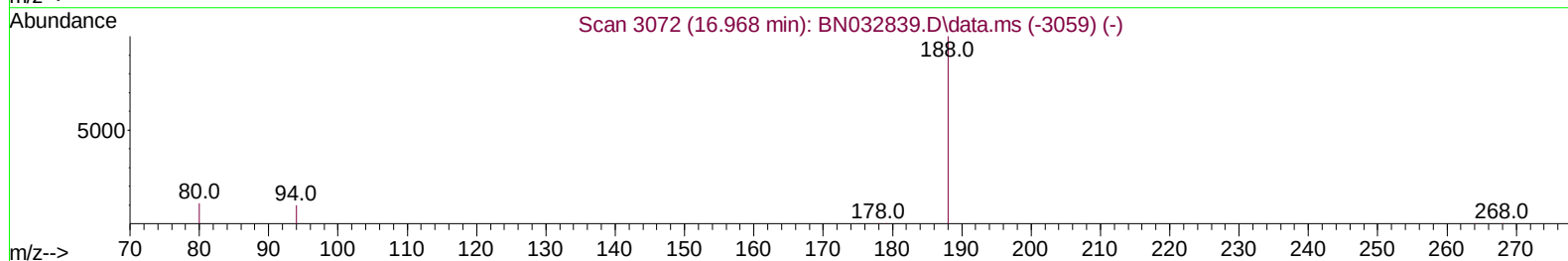
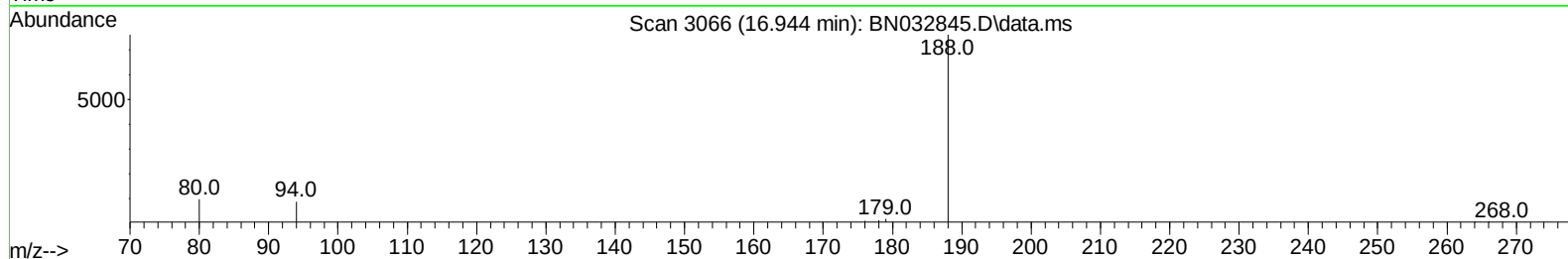
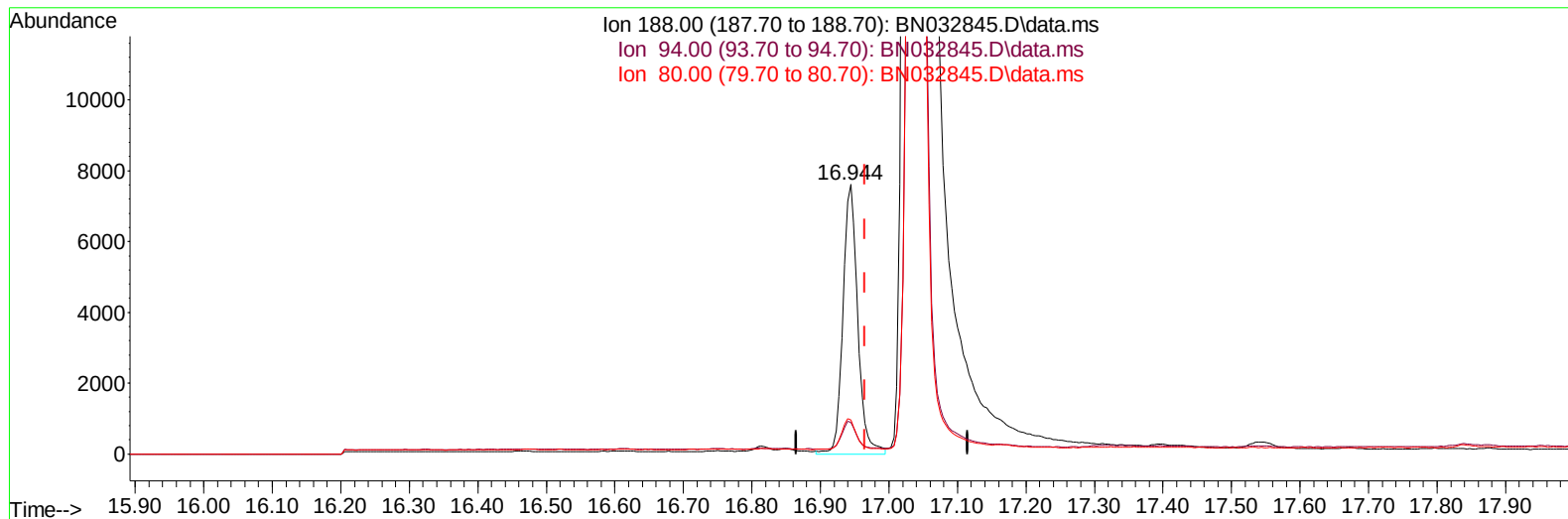
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032845.D
Acq On : 19 Jul 2024 17:36
Operator : MA/JU
Sample : P3178-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BS9

Manual IntegrationsAPPROVED

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
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Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



TIC: BN032845.D\data.ms

(13) Phenanthrene-d10 (I)

16.944min (-0.021) 0.40 ng/ul m

response 11332

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.00	11.71
80.00	12.00	12.76
0.00	0.00	0.00

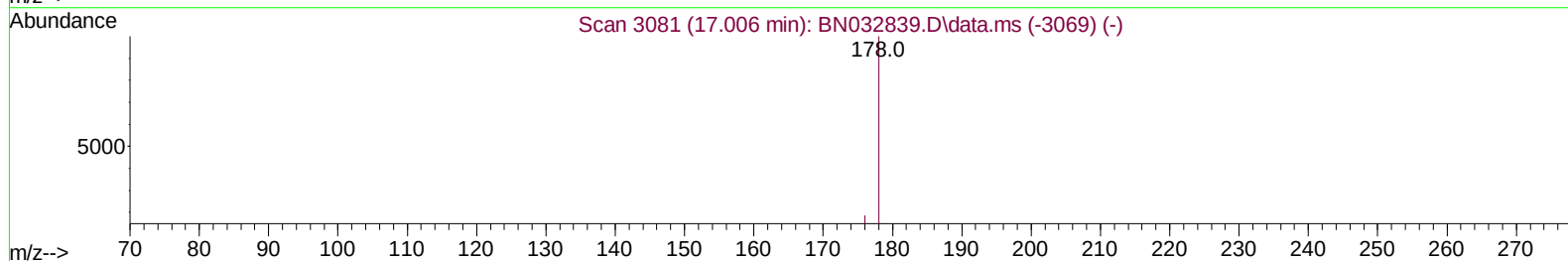
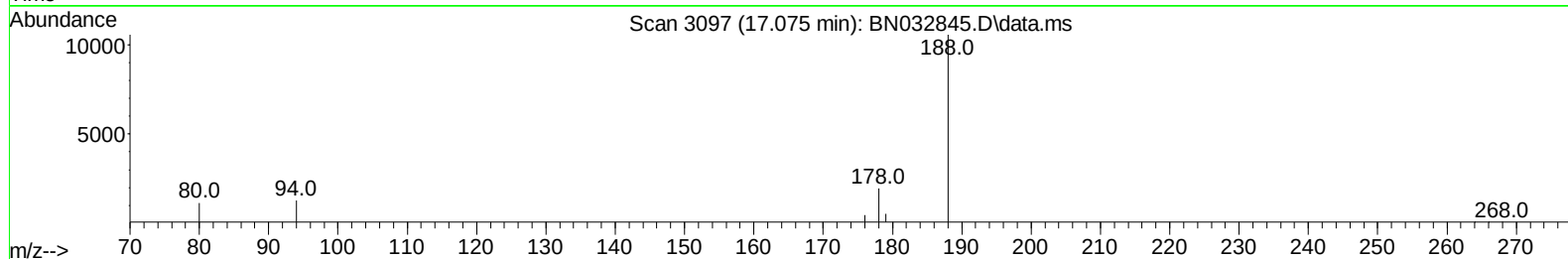
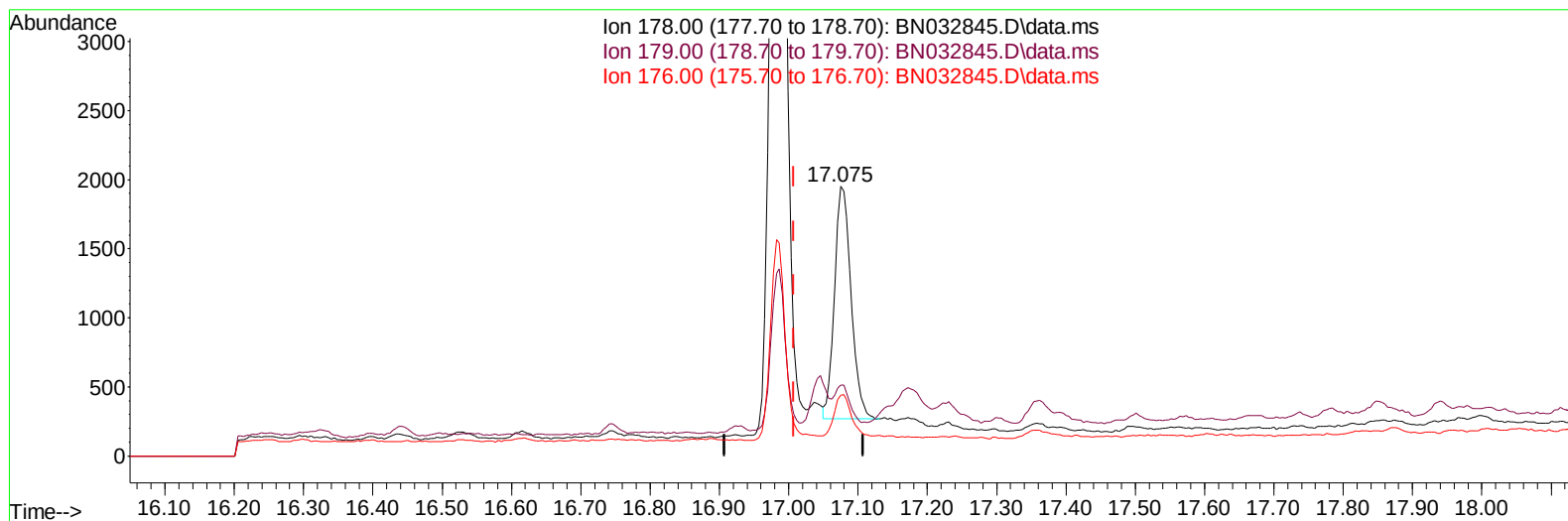
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032845.D
Acq On : 19 Jul 2024 17:36
Operator : MA/JU
Sample : P3178-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BS9

Manual IntegrationsAPPROVED

Quant Time: Jul 19 18:41:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
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TIC: BN032845.D\data.ms

(15) Phenanthrene

17.075min (+ 0.067) 0.09 ng/u1

response 2779

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	26.21#
176.00	19.50	22.62
0.00	0.00	0.00

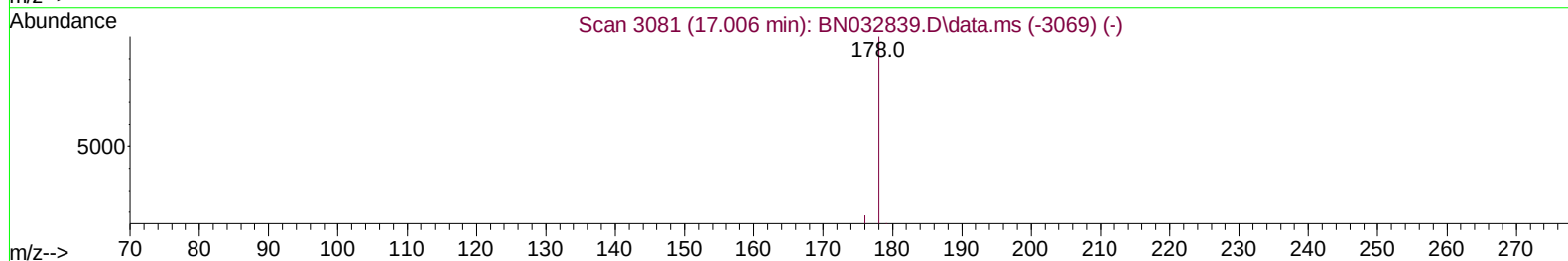
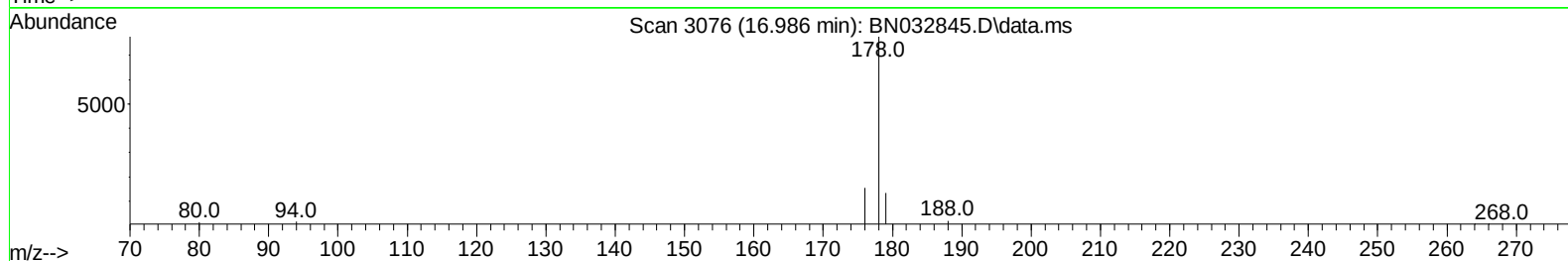
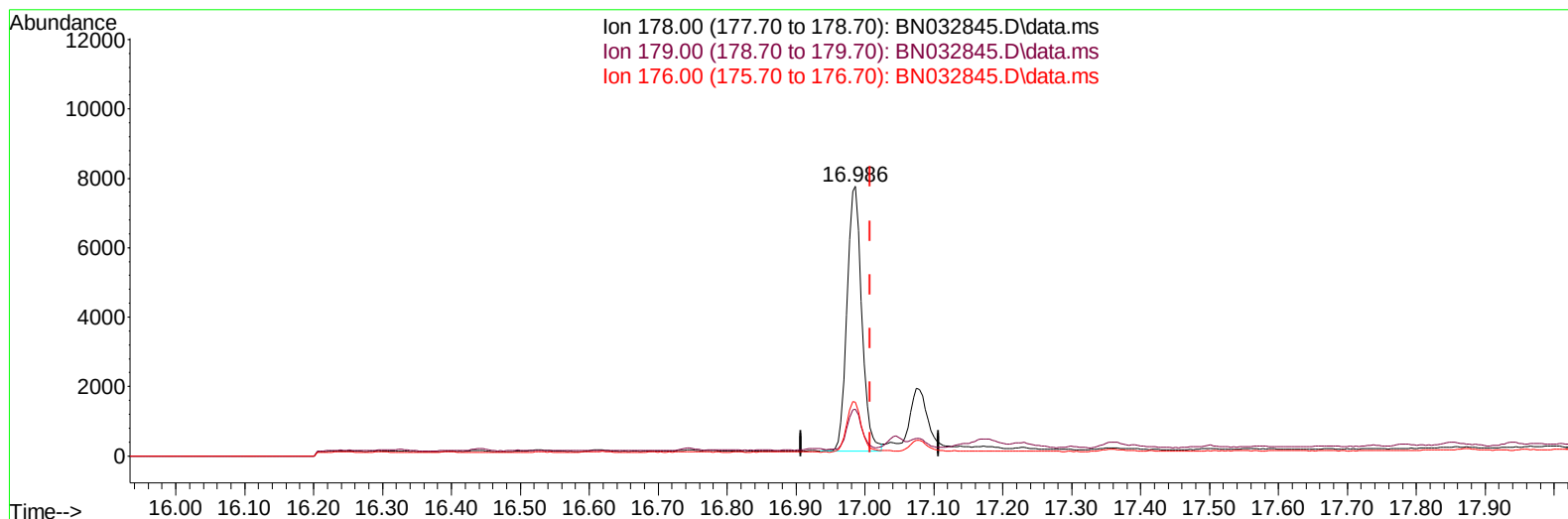
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032845.D
Acq On : 19 Jul 2024 17:36
Operator : MA/JU
Sample : P3178-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BS9

Manual IntegrationsAPPROVED

Quant Time: Jul 19 18:41:28 2024
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TIC: BN032845.D\data.ms

(15) Phenanthrene

16.986min (-0.021) 0.37 ng/ul m

response 11314

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	17.42
176.00	19.50	19.87
0.00	0.00	0.00

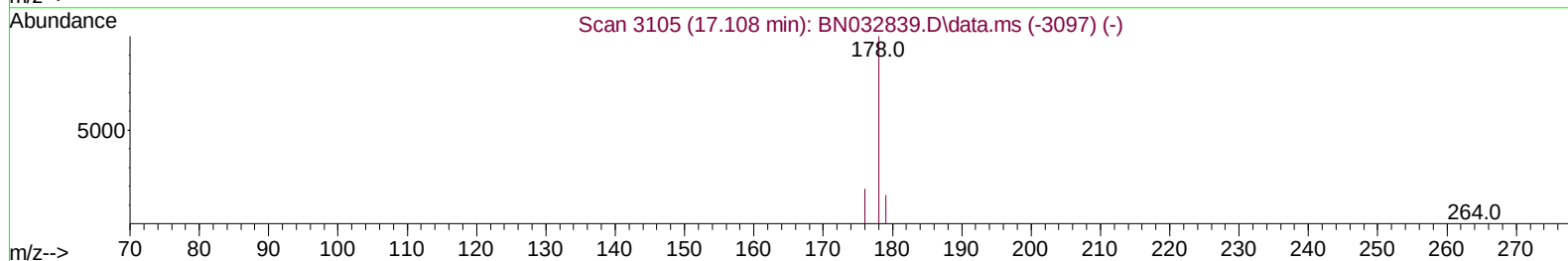
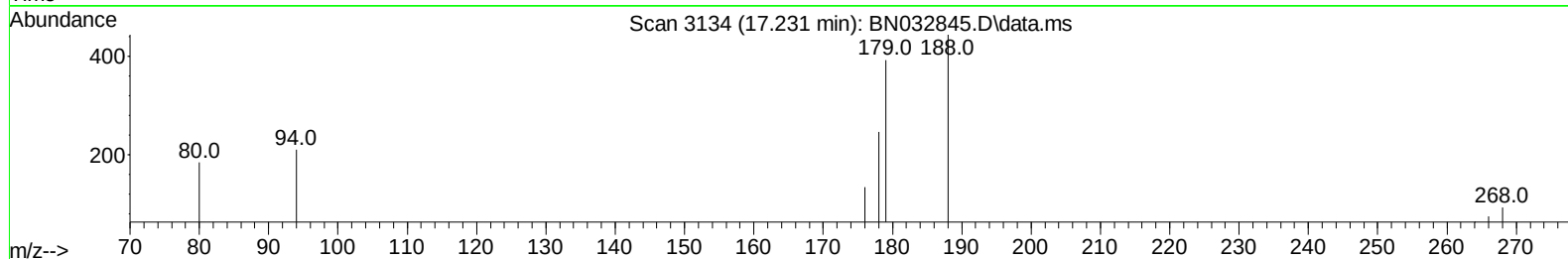
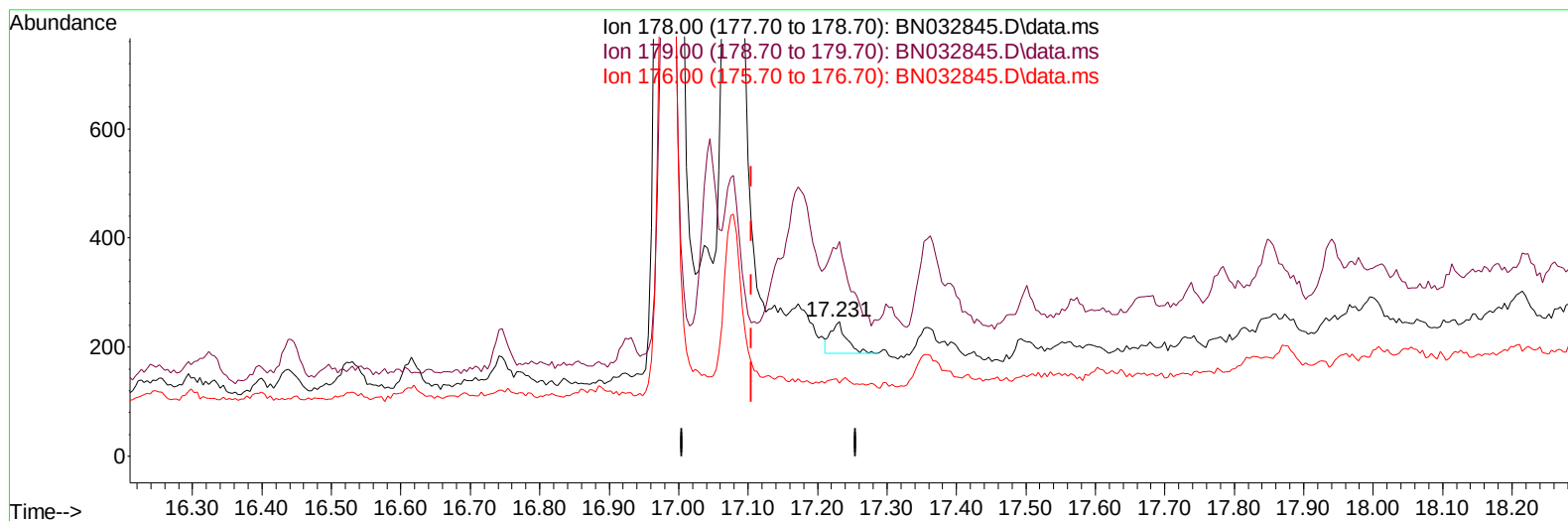
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032845.D
Acq On : 19 Jul 2024 17:36
Operator : MA/JU
Sample : P3178-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BS9

Manual IntegrationsAPPROVED

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TIC: BN032845.D\data.ms

(16) Anthracene

17.231min (+ 0.126) 0.00 ng/ul

response 90

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.80	159.11#
176.00	19.20	54.25#
0.00	0.00	0.00

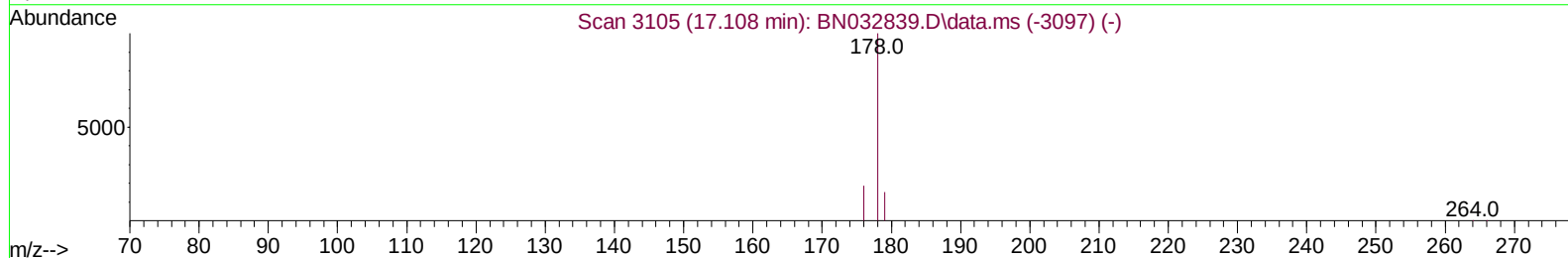
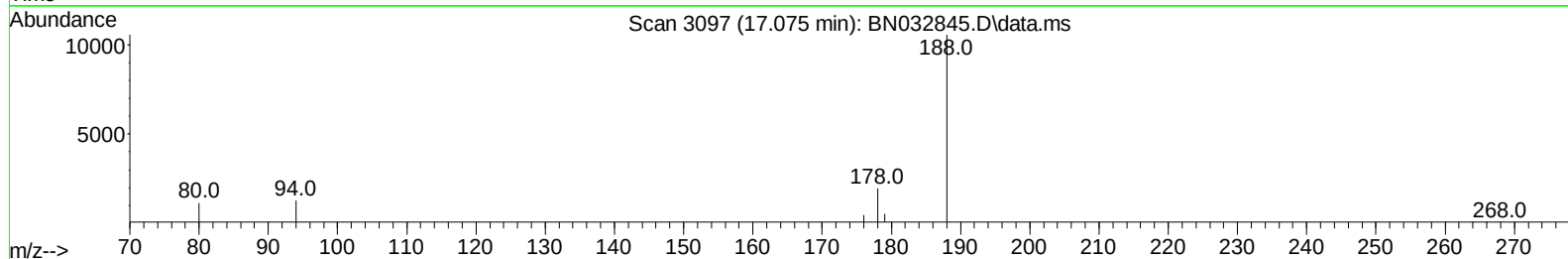
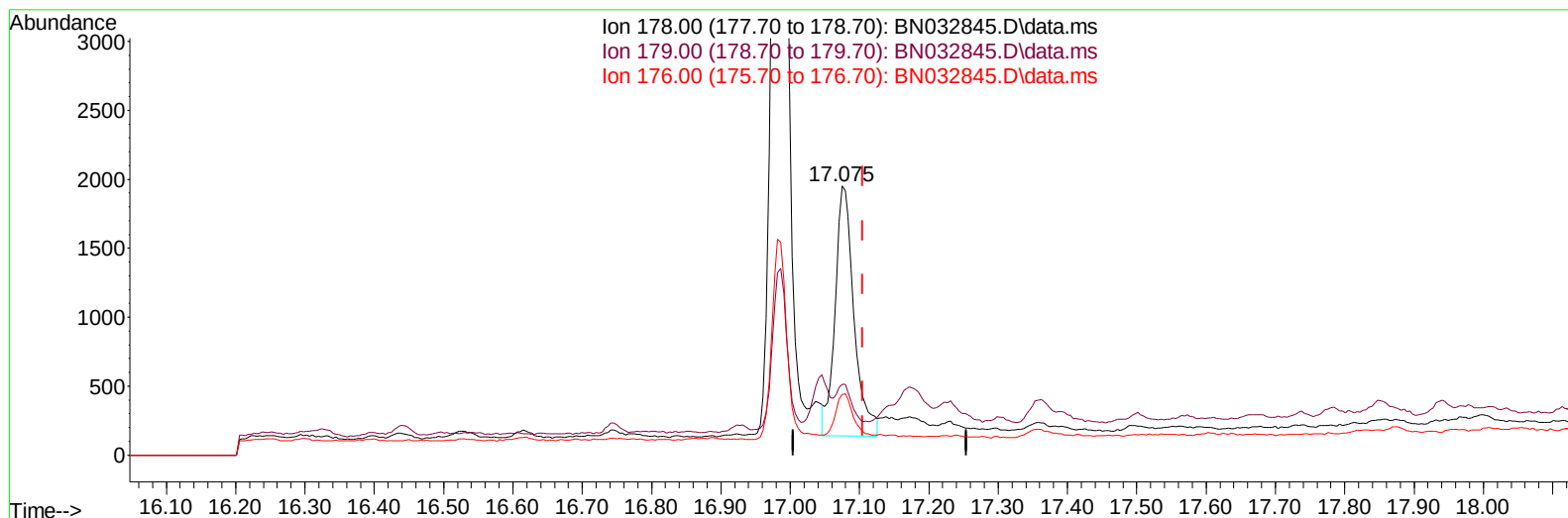
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032845.D
Acq On : 19 Jul 2024 17:36
Operator : MA/JU
Sample : P3178-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BS9

Manual IntegrationsAPPROVED

Quant Time: Jul 19 18:41:28 2024
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TIC: BN032845.D\data.ms

(16) Anthracene

17.075min (-0.030) 0.14 ng/ul m

response 3437

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.80	26.21#
176.00	19.20	22.62
0.00	0.00	0.00

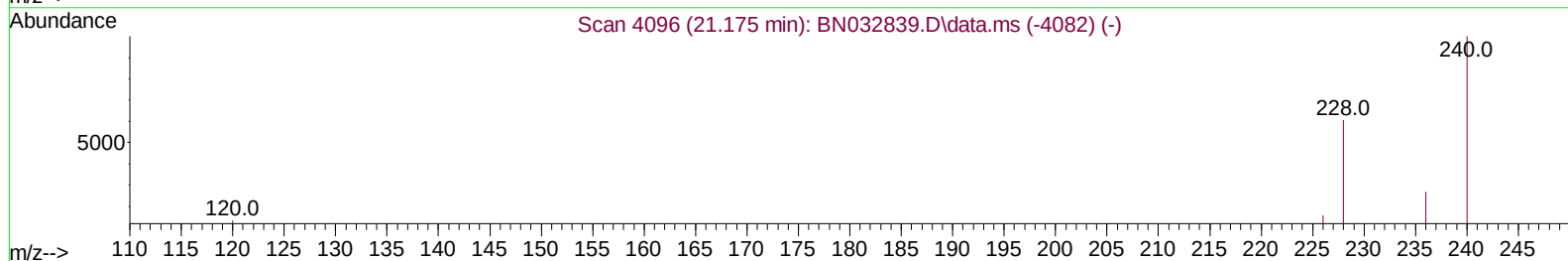
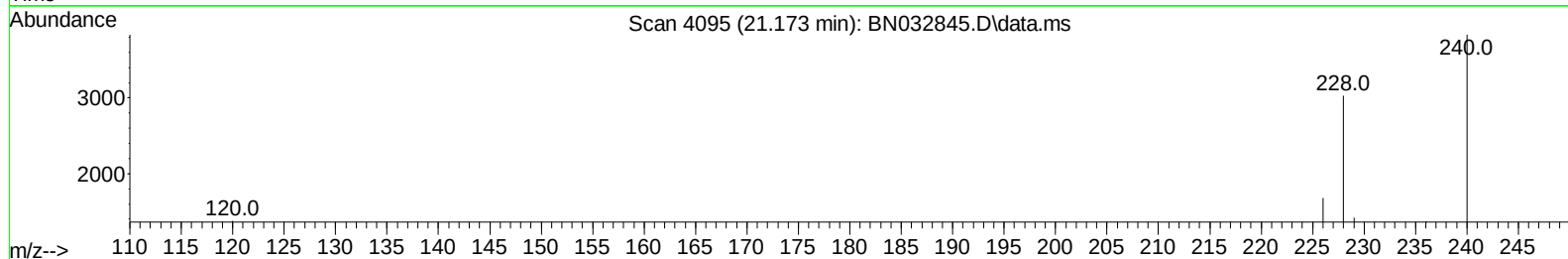
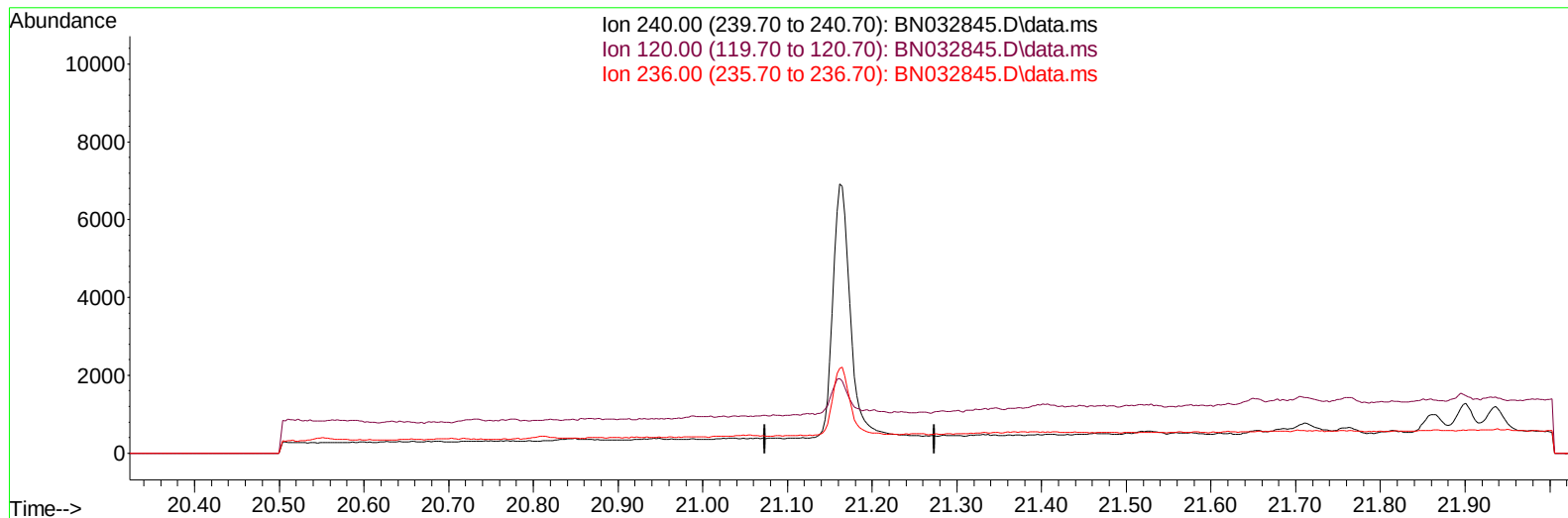
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032845.D
Acq On : 19 Jul 2024 17:36
Operator : MA/JU
Sample : P3178-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BS9

Manual IntegrationsAPPROVED

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TIC: BN032845.D\data.ms

(17) Chrysene-d12

21.174min (-21.174) 0.00 ng/ul

response 0

Ion	Exp%	Act%
240.00	100.00	0.00
120.00	18.00	0.00#
236.00	28.40	0.00#
0.00	0.00	0.00

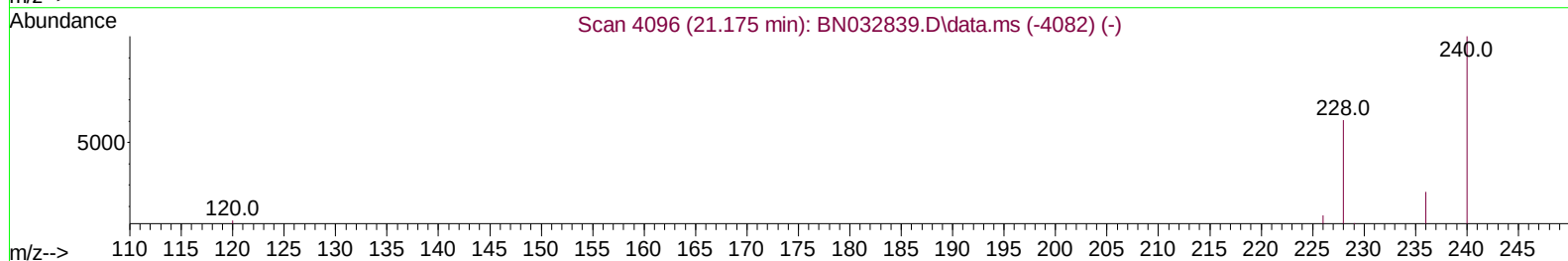
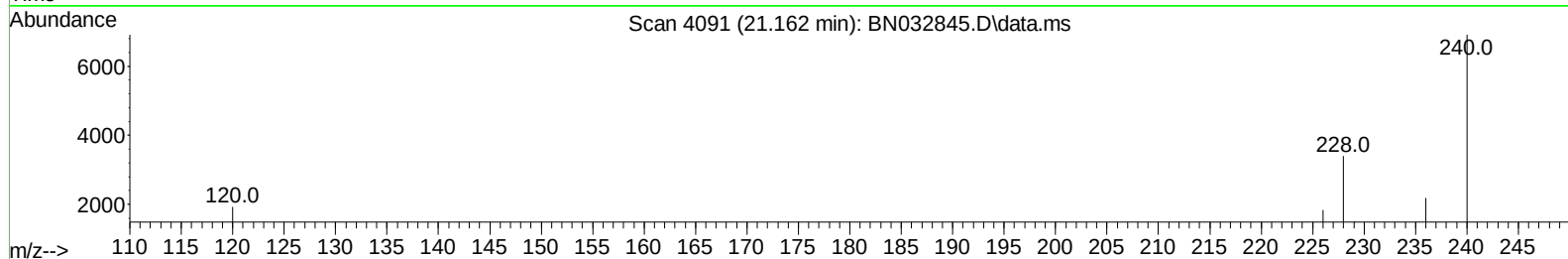
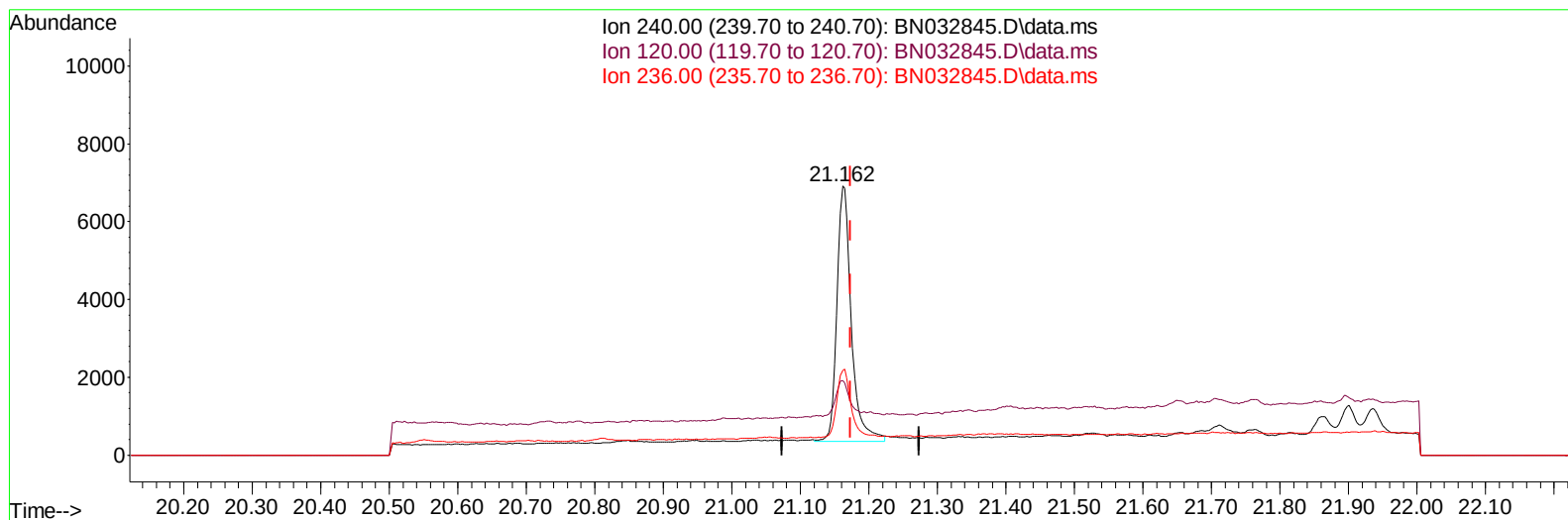
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032845.D
Acq On : 19 Jul 2024 17:36
Operator : MA/JU
Sample : P3178-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BS9

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024

Quant Time: Jul 19 18:41:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
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QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration



TIC: BN032845.D\data.ms

(17) Chrysene-d12

21.162min (-0.012) 0.40 ng/ul m

response 9509

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	18.00	27.78#
236.00	28.40	31.58
0.00	0.00	0.00

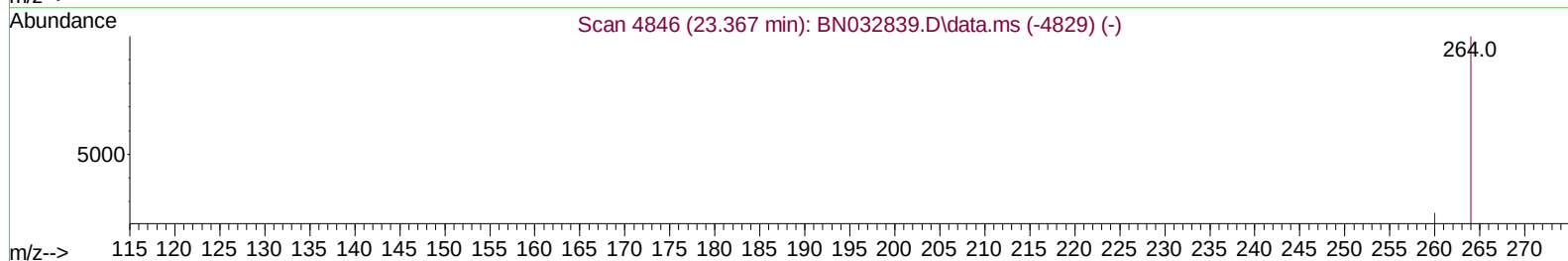
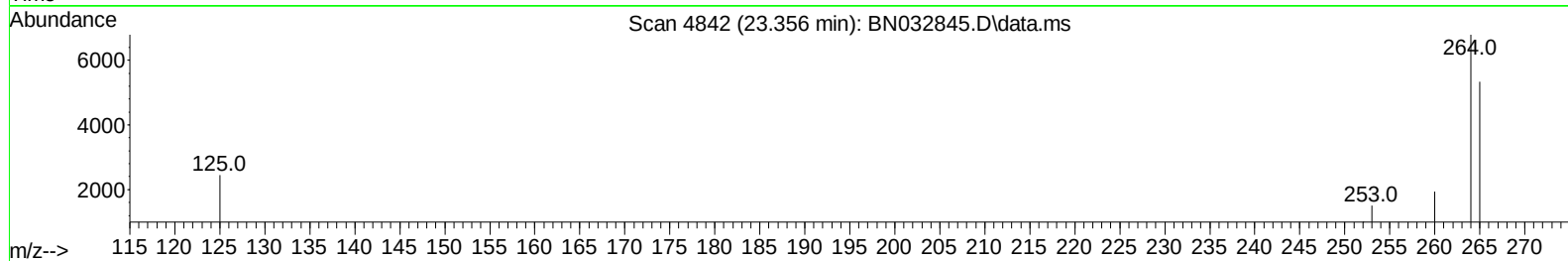
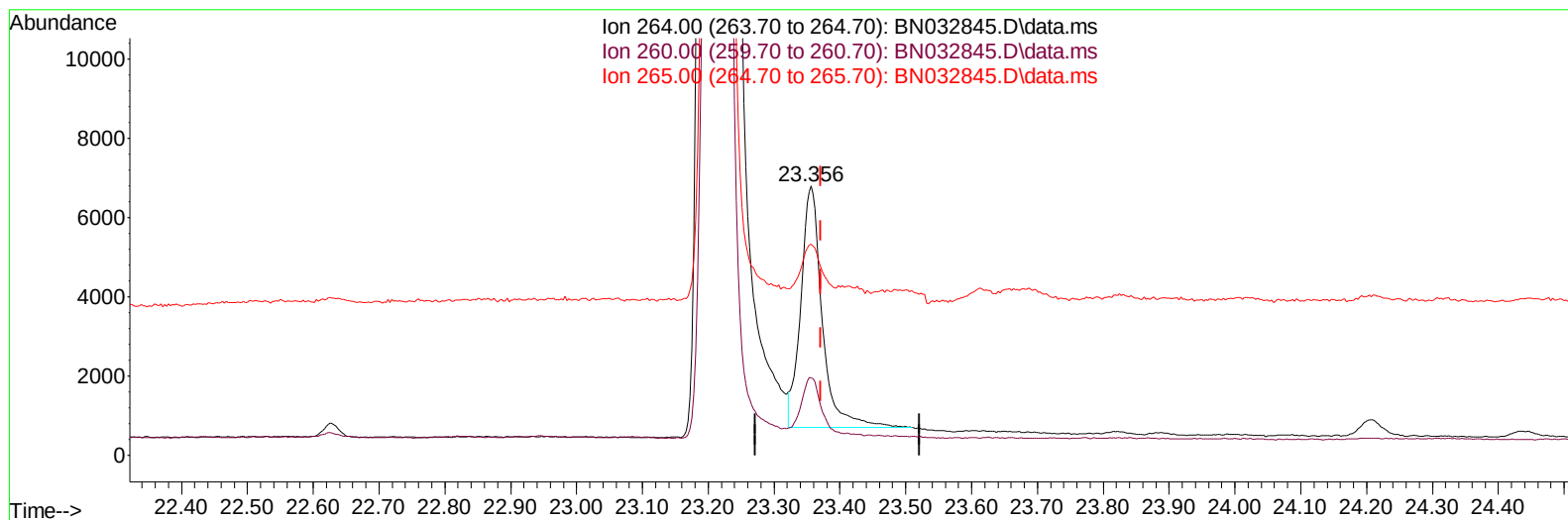
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032845.D
Acq On : 19 Jul 2024 17:36
Operator : MA/JU
Sample : P3178-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BS9

Manual IntegrationsAPPROVED

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TIC: BN032845.D\data.ms

(23) Perylene-d12 (I)

23.356min (-0.015) 0.40 ng/u1

response 13794

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.10	28.55
265.00	95.50	78.49
0.00	0.00	0.00

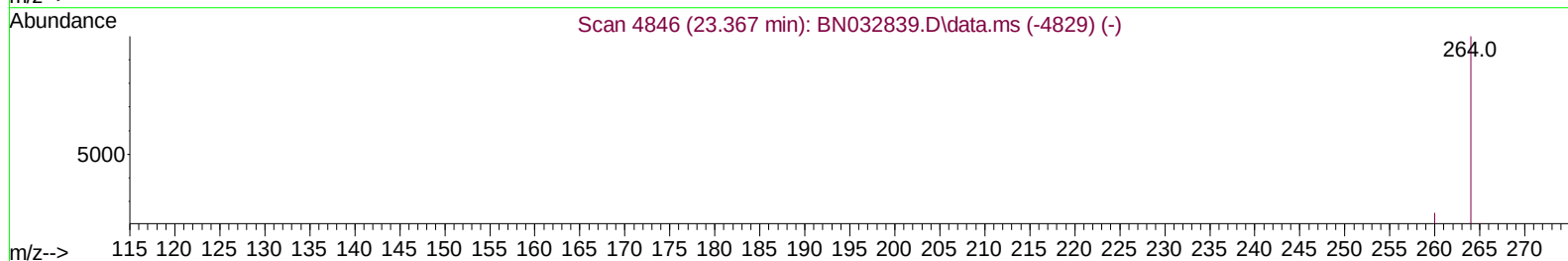
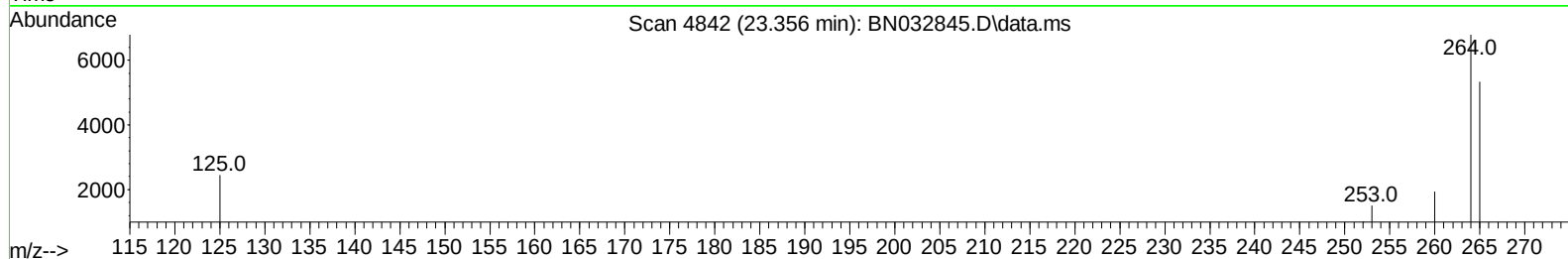
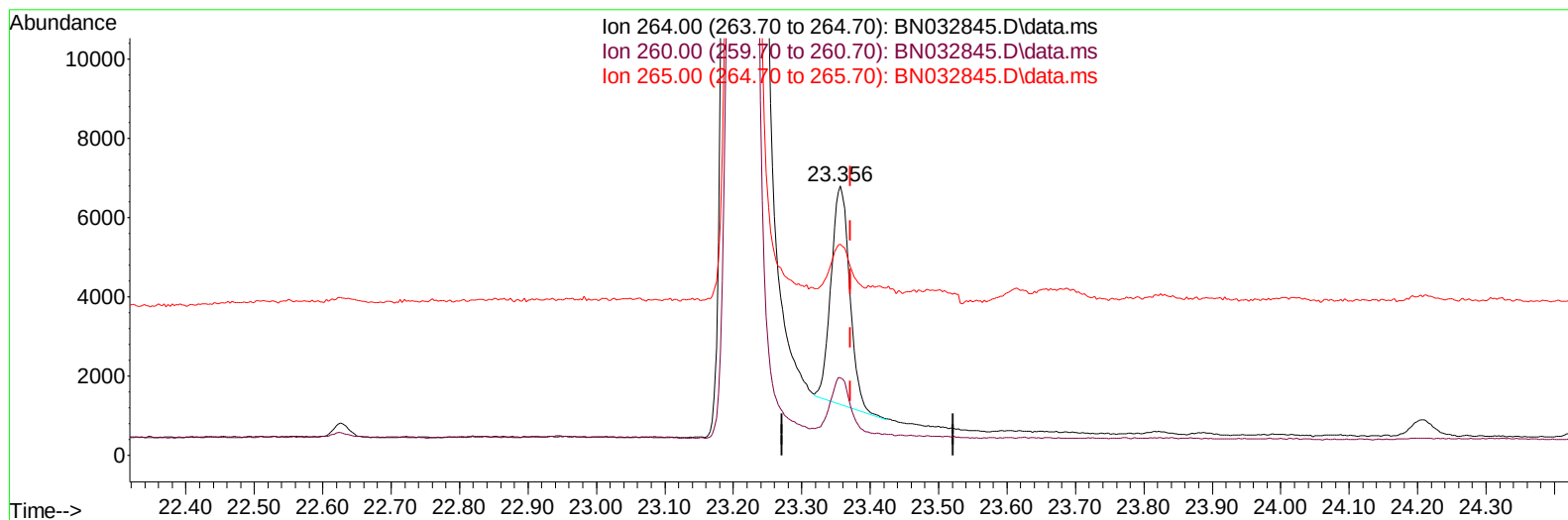
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032845.D
Acq On : 19 Jul 2024 17:36
Operator : MA/JU
Sample : P3178-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BS9

Manual IntegrationsAPPROVED

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TIC: BN032845.D\data.ms

(23) Perylene-d12 (I)

23.356min (-0.015) 0.40 ng/ul m

response 10414

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.10	28.55
265.00	95.50	78.49
0.00	0.00	0.00

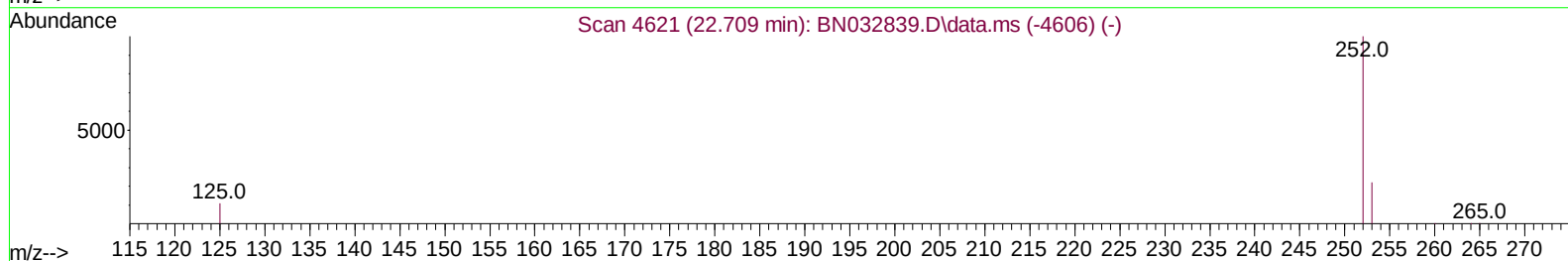
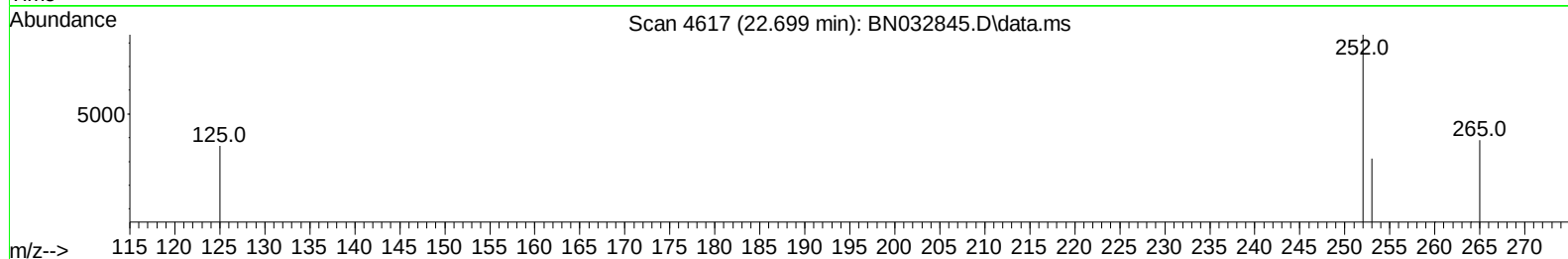
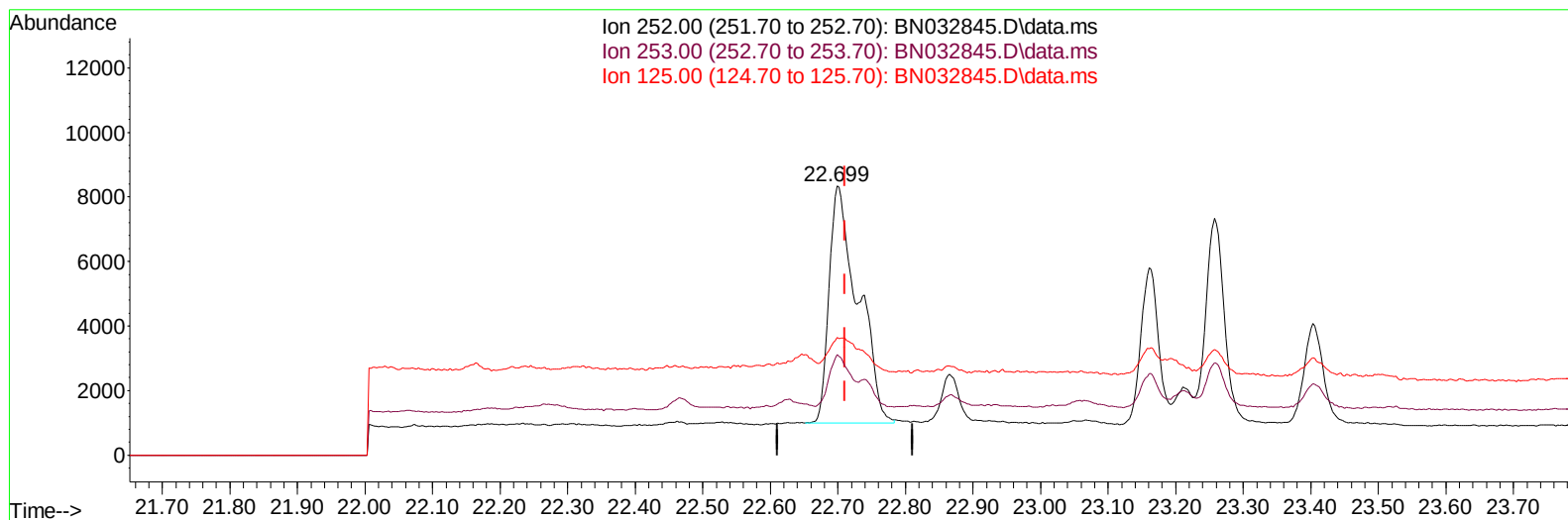
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TIC: BN032845.D\data.ms

(24) Benzo(b)fluoranthene

22.699min (-0.012) 0.59 ng/u1

response 21744

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	37.31
125.00	18.00	43.75#
0.00	0.00	0.00

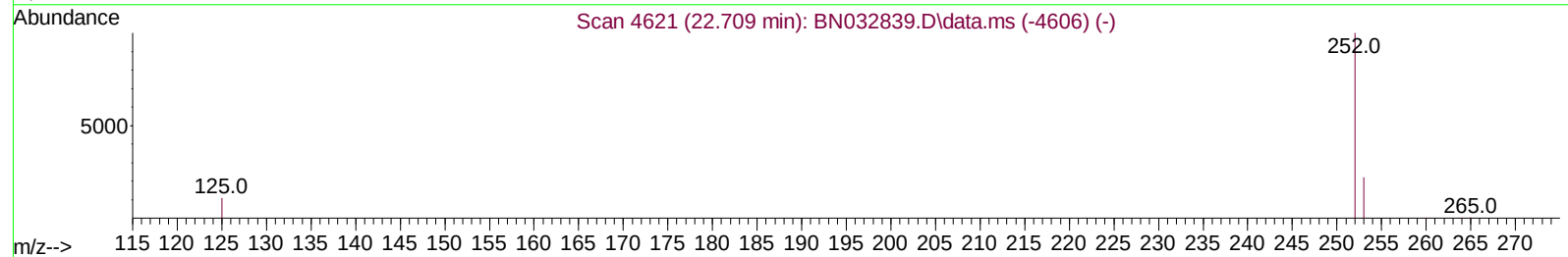
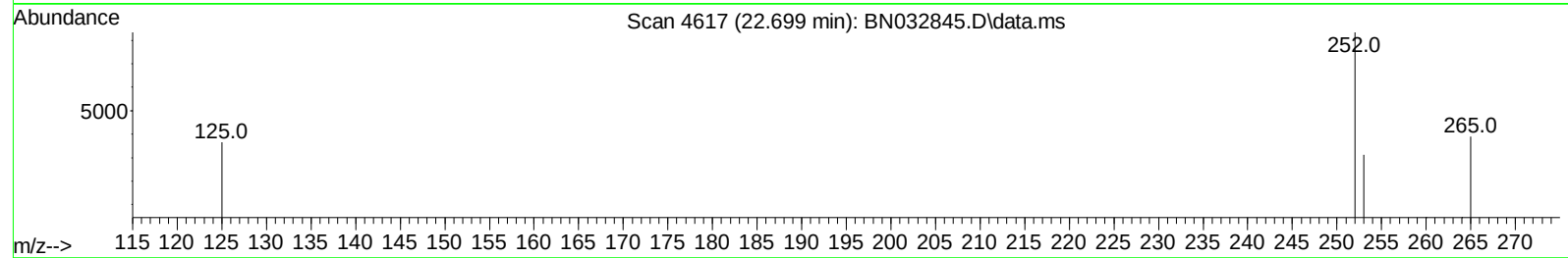
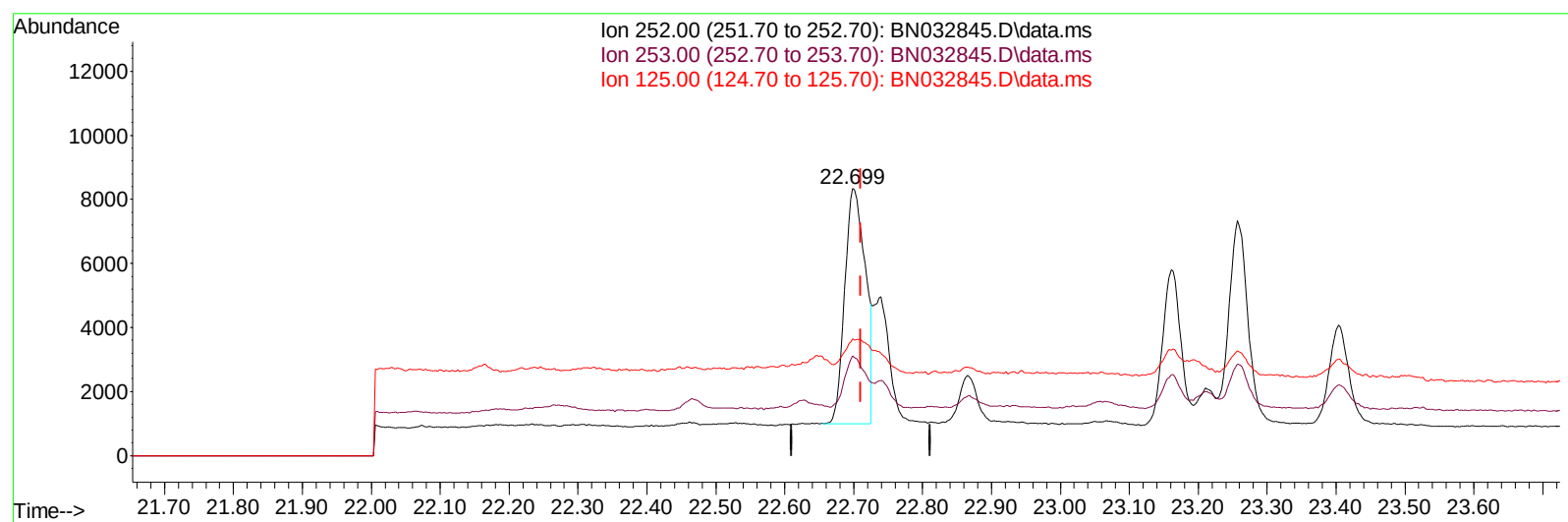
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032845.D
Acq On : 19 Jul 2024 17:36
Operator : MA/JU
Sample : P3178-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BS9

Manual IntegrationsAPPROVED

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TIC: BN032845.D\data.ms

(24) Benzo(b)fluoranthene

22.699min (-0.012) 0.42 ng/ul m

response 15342

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	37.31
125.00	18.00	43.75#
0.00	0.00	0.00

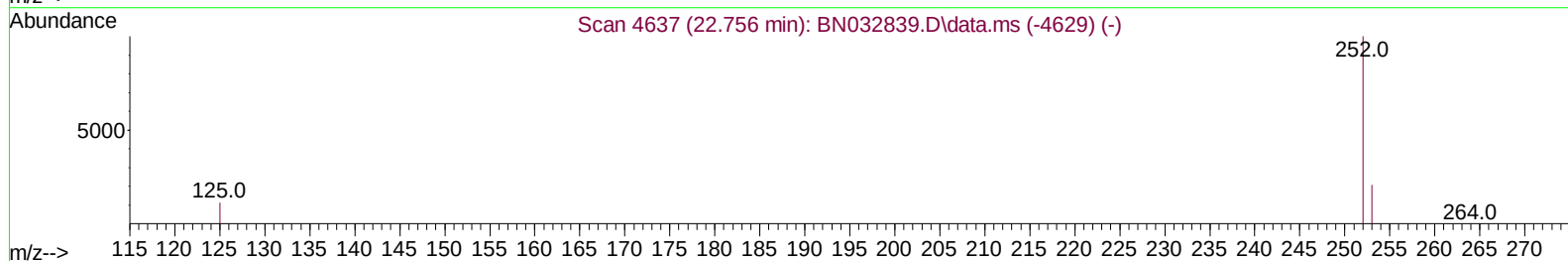
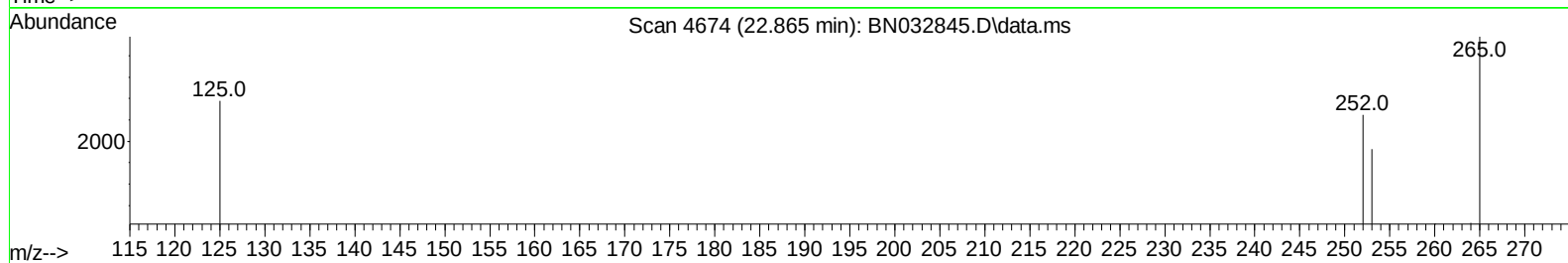
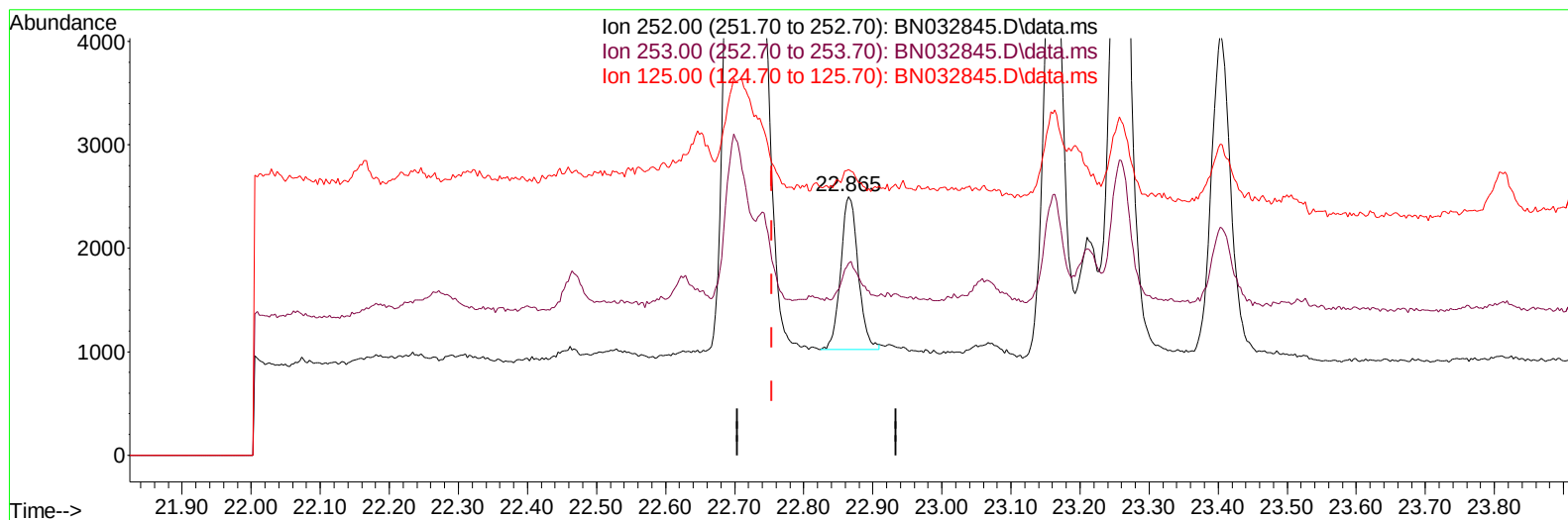
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032845.D
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Sample : P3178-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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TIC: BN032845.D\data.ms

(25) Benzo(k)fluoranthene

22.865min (+ 0.111) 0.06 ng/u1

response 2615

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	74.25#
125.00	18.50	110.40#
0.00	0.00	0.00

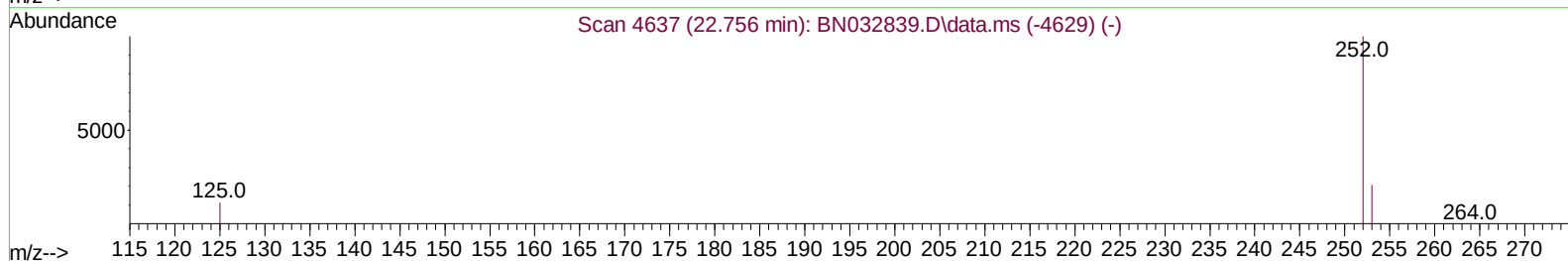
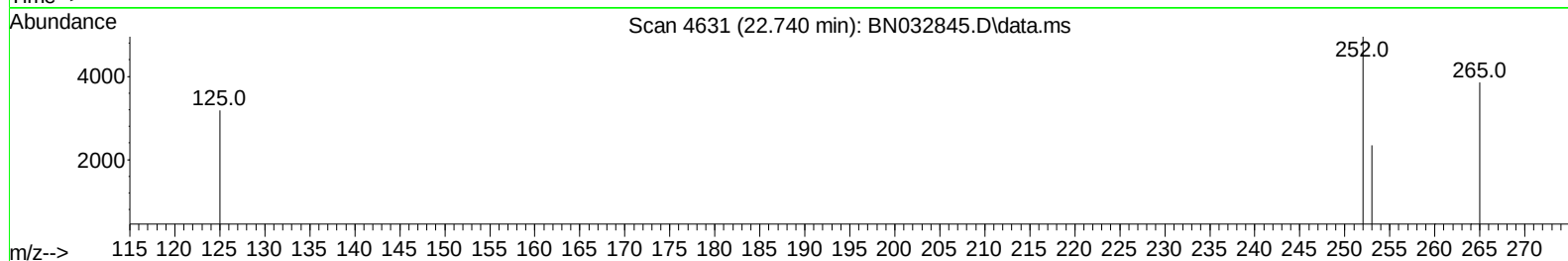
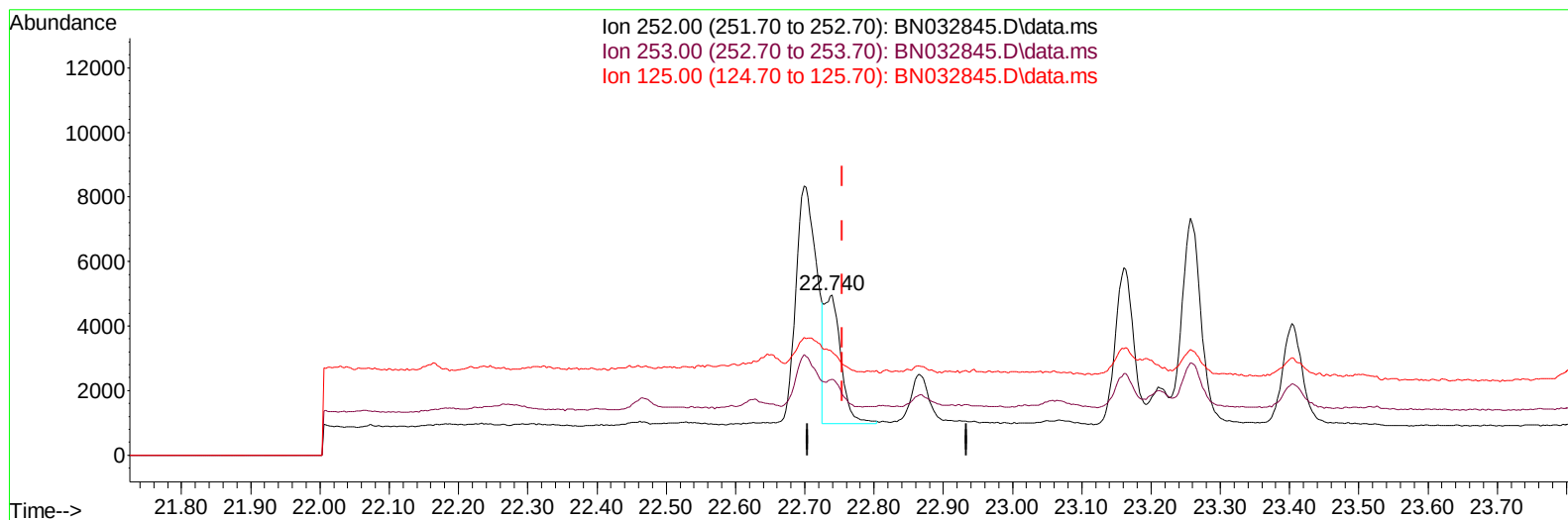
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032845.D
Acq On : 19 Jul 2024 17:36
Operator : MA/JU
Sample : P3178-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BS9

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024

Quant Time: Jul 19 18:41:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration



TIC: BN032845.D\data.ms

(25) Benzo(k)fluoranthene

22.740min (-0.015) 0.15 ng/ul m

response 6604

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	47.44#
125.00	18.50	64.31#
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	7.531	152		3797	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.299	136		11785	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.183	164		6274	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.944	188		11332m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.162	240		9509m	0.400	ng/ul	-0.01
23) Perylene-d12	23.356	264		10414m	0.400	ng/ul	-0.01
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.088	96		12793	2.806	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.905	152		3461	0.194	ng/ul	-0.03
18) Fluoranthene-d10	18.985	212		6211	0.200	ng/ul	-0.02
Target Compounds							Qvalue
5) Naphthalene	10.349	128		1060	0.033	ng/ul#	77
7) 2-Methylnaphthalene	11.982	142		421	0.021	ng/ul	96
10) Acenaphthylene	13.901	152		2027	0.080	ng/ul#	83
11) Acenaphthene	14.244	153		731	0.035	ng/ul	95
12) Fluorene	15.243	166		1086	0.045	ng/ul#	94
15) Phenanthrene	16.986	178		11314m	0.367	ng/ul	
16) Anthracene	17.075	178		3437m	0.136	ng/ul	
19) Fluoranthene	19.017	202		23123	0.598	ng/ul	99
20) Pyrene	19.384	202		23889	0.597	ng/ul	99
21) Benzo(a)anthracene	21.147	228		13070	0.432	ng/ul#	86
22) Chrysene	21.200	228		10970	0.251	ng/ul#	84
24) Benzo(b)fluoranthene	22.699	252		15342m	0.418	ng/ul	
25) Benzo(k)fluoranthene	22.740	252		6604m	0.147	ng/ul	
26) Benzo(a)pyrene	23.257	252		12097	0.380	ng/ul#	76
27) Indeno(1,2,3-cd)pyrene	25.569	276		8538	0.198	ng/ul#	94
28) Dibenzo(a,h)anthracene	25.565	278		2045	0.061	ng/ul#	1
29) Benzo(g,h,i)perylene	26.246	276		9144	0.254	ng/ul#	73

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

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