

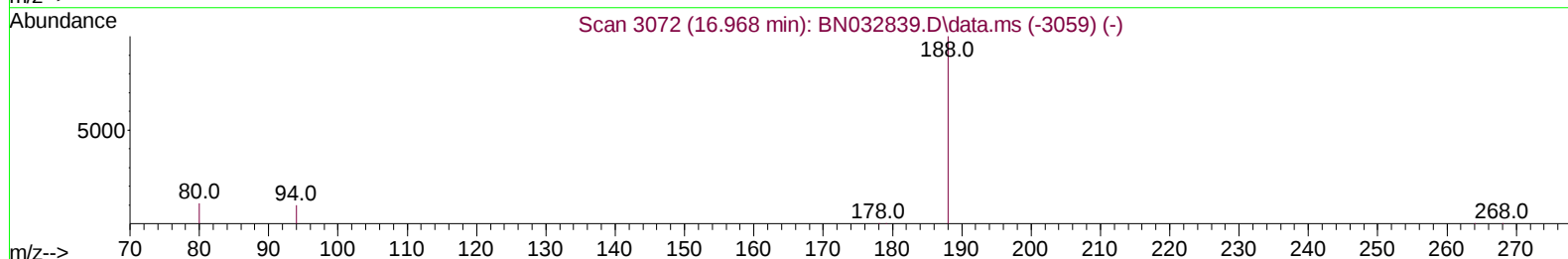
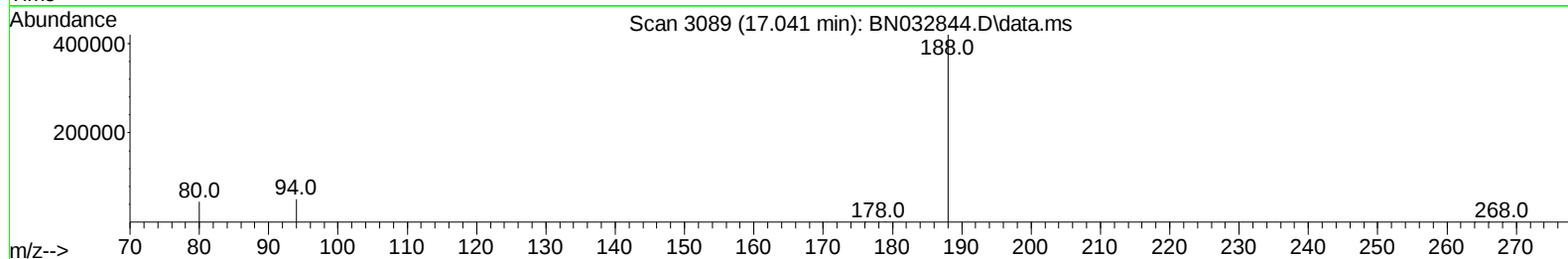
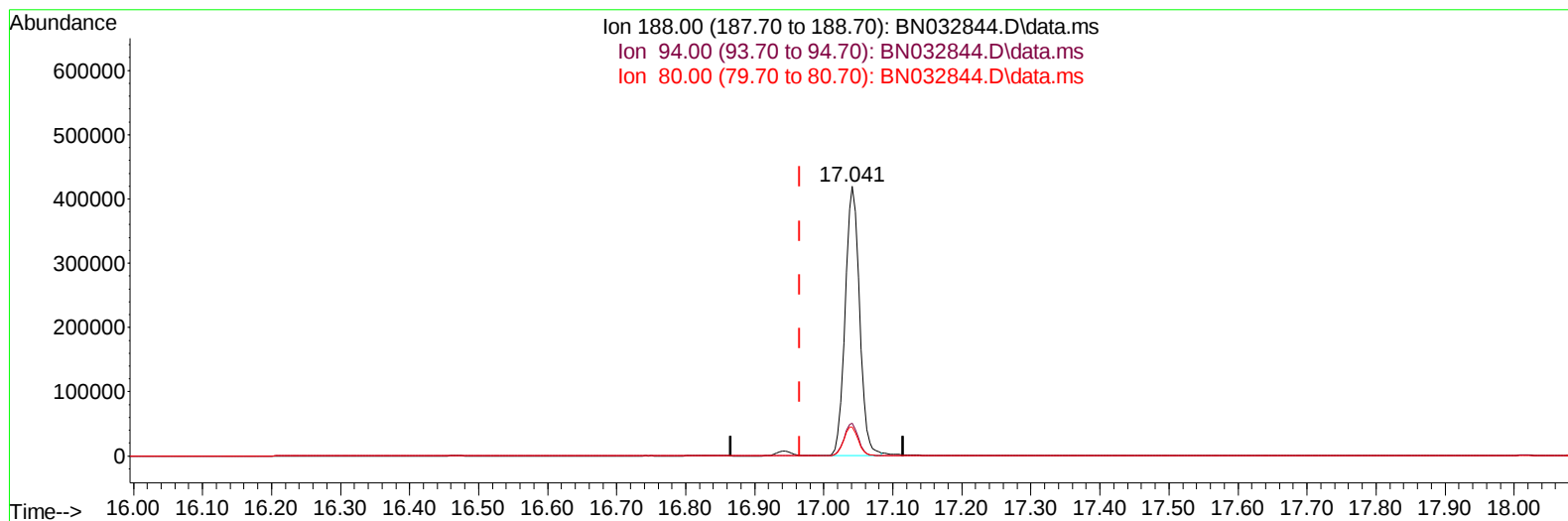
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032844.D
Acq On : 19 Jul 2024 17:00
Operator : MA/JU
Sample : P3178-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BS8

Manual IntegrationsAPPROVED

Quant Time: Jul 19 18:36:25 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: BN032844.D\data.ms

(13) Phenanthrene-d10 (I)

17.041min (+ 0.076) 0.40 ng/u1

response 606537

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.00	12.07
80.00	12.00	10.83
0.00	0.00	0.00

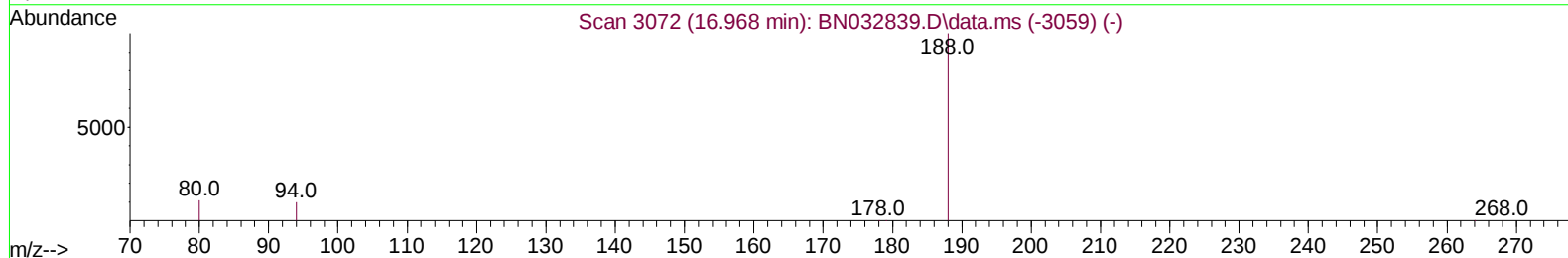
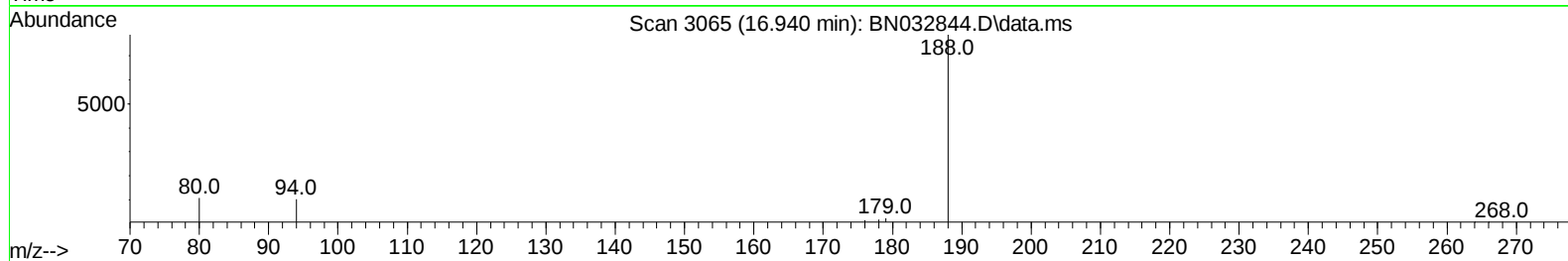
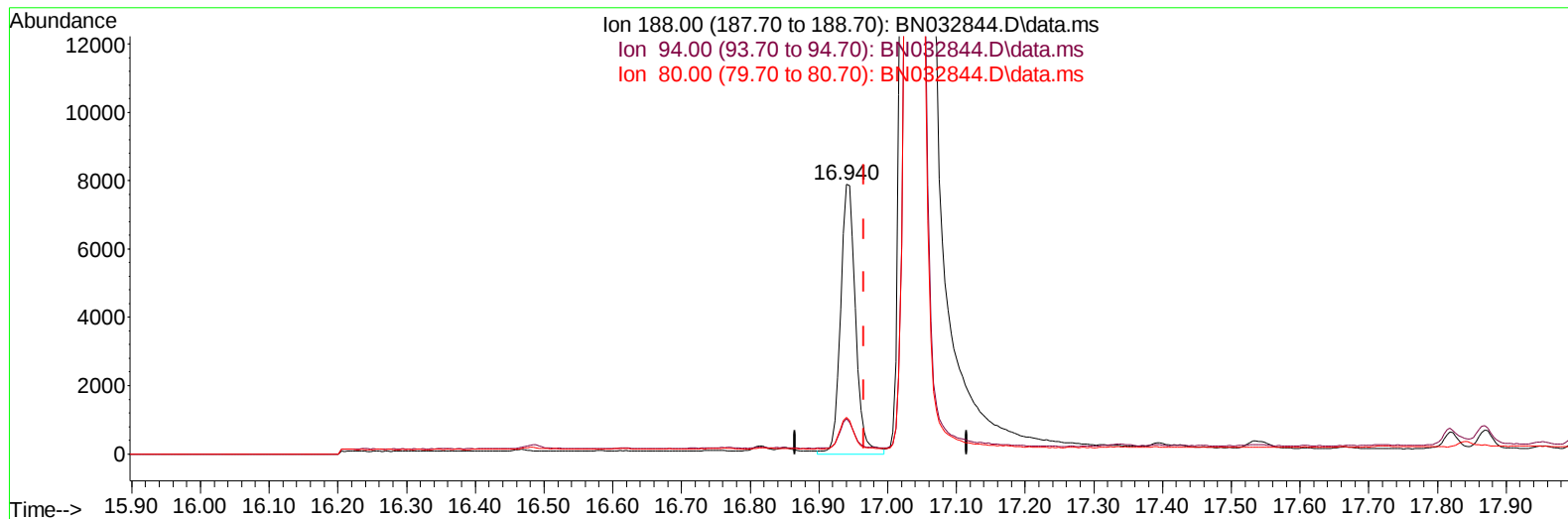
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032844.D
Acq On : 19 Jul 2024 17:00
Operator : MA/JU
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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Jul 19 18:36:25 2024
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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: BN032844.D\data.ms

(13) Phenanthrene-d10 (I)

16.940min (-0.025) 0.40 ng/ul m

response 11893

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.00	13.15
80.00	12.00	13.57
0.00	0.00	0.00

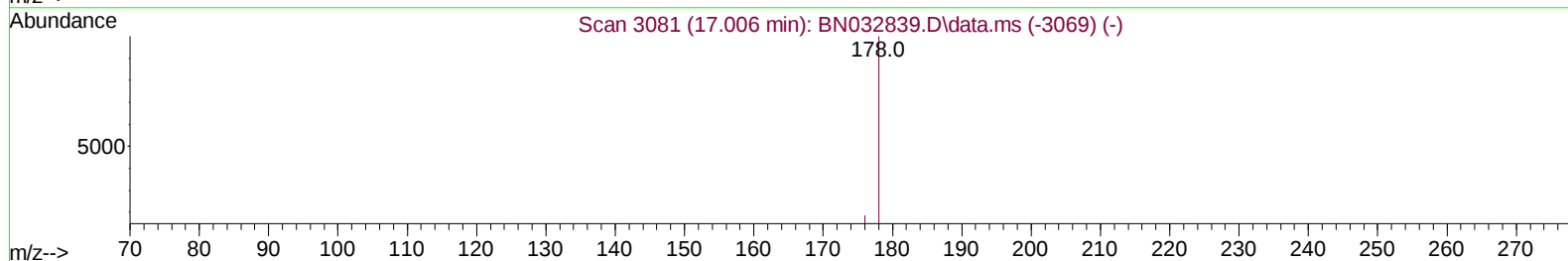
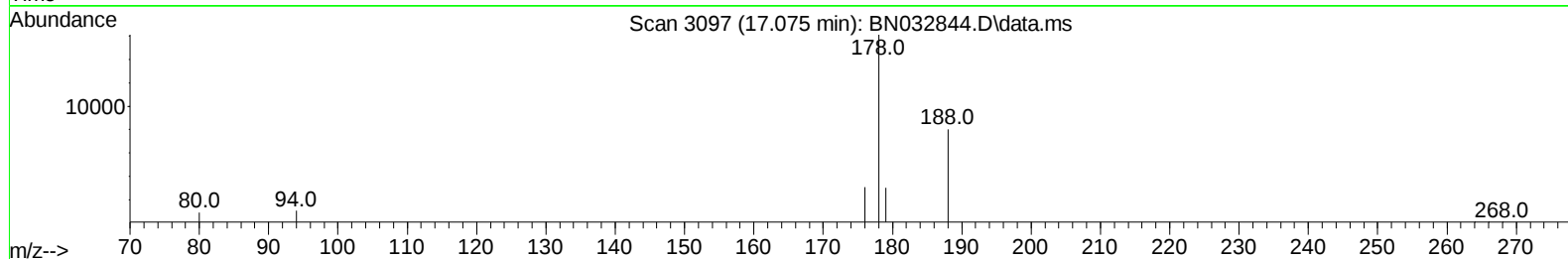
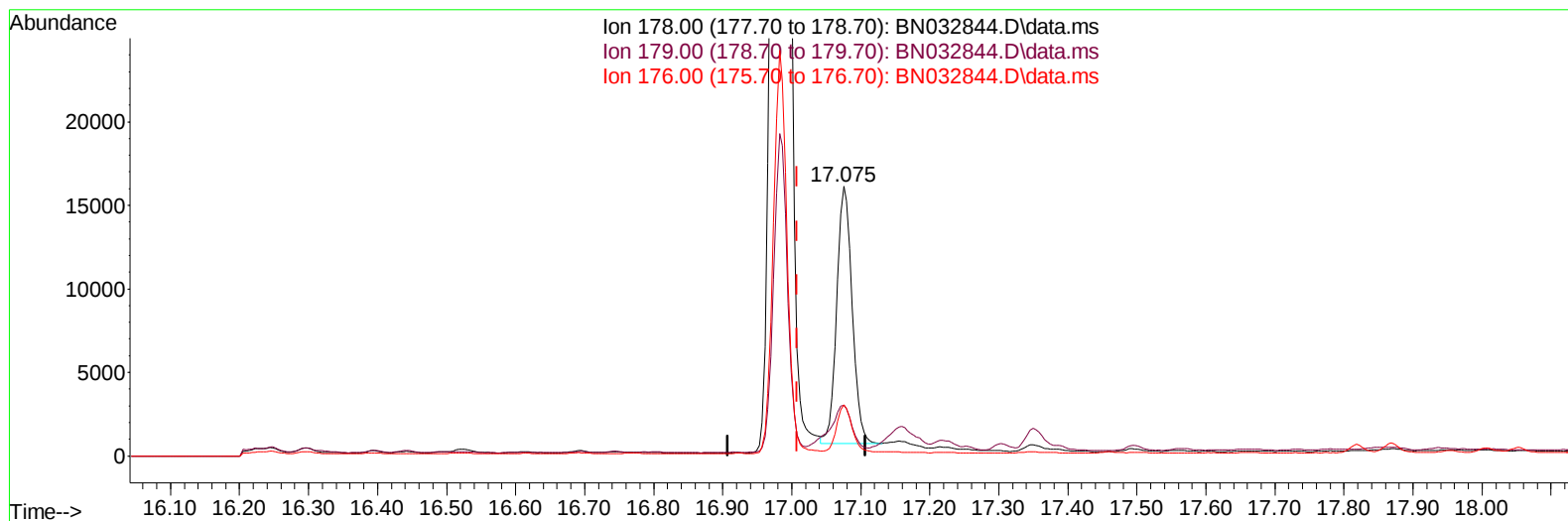
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032844.D
Acq On : 19 Jul 2024 17:00
Operator : MA/JU
Sample : P3178-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BS8

Manual IntegrationsAPPROVED

Quant Time: Jul 19 18:36:25 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
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Reviewed By :Yogesh Patel 07/20/2024
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TIC: BN032844.D\data.ms

(15) Phenanthrene

17.075min (+ 0.067) 0.73 ng/u1

response 23731

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	18.87
176.00	19.50	19.10
0.00	0.00	0.00

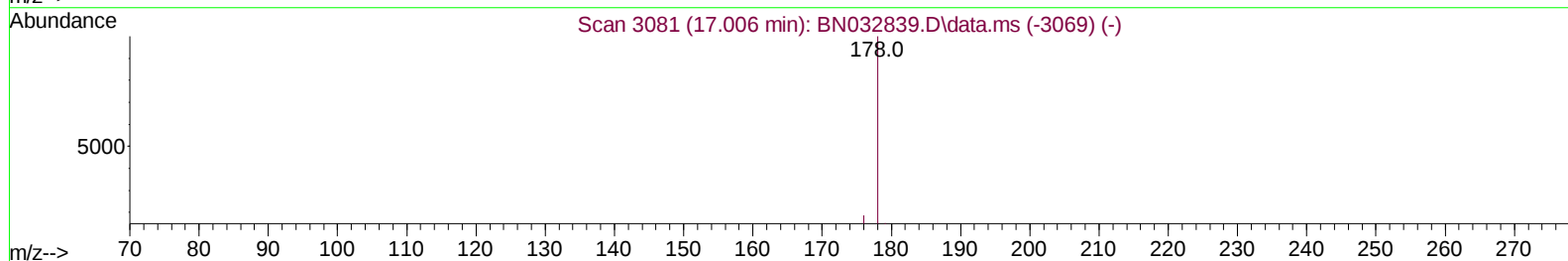
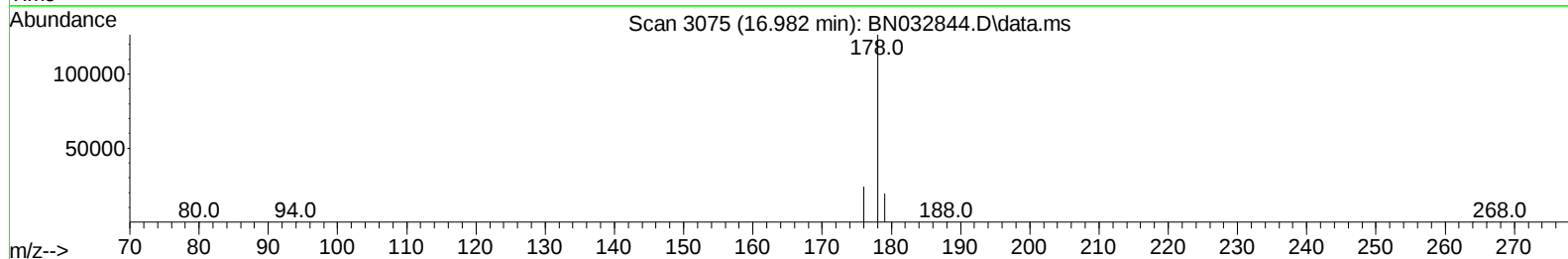
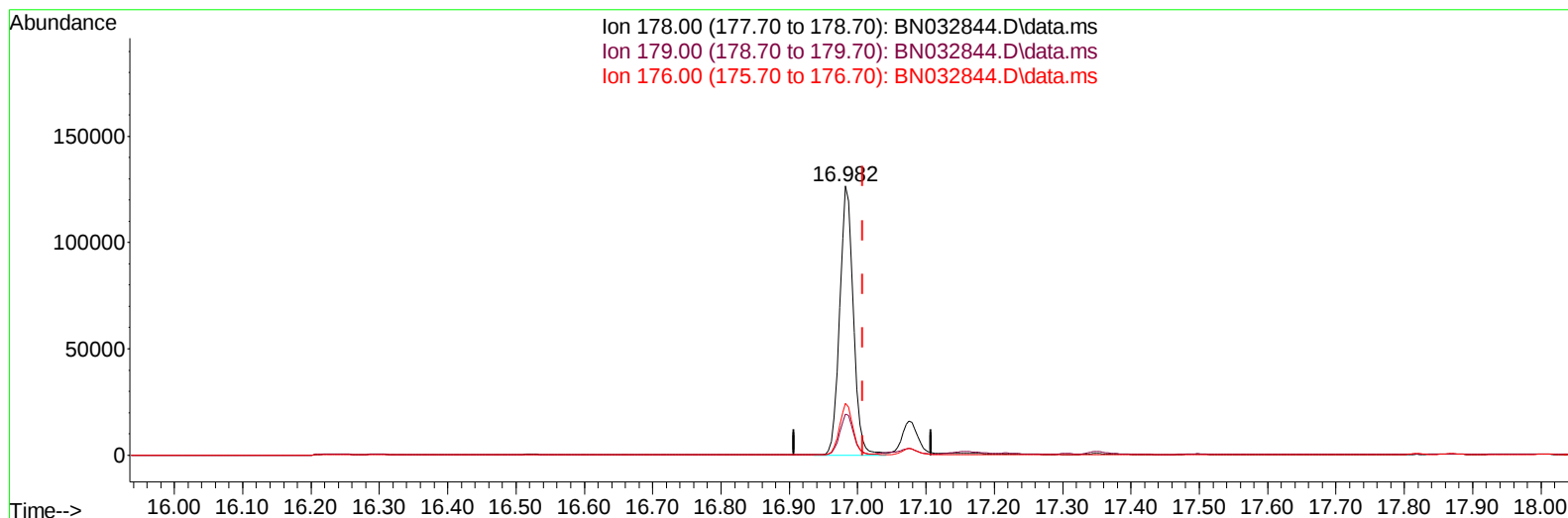
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032844.D
Acq On : 19 Jul 2024 17:00
Operator : MA/JU
Sample : P3178-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BS8

Manual IntegrationsAPPROVED

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Quant Time: Jul 19 18:36:25 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 17 02:35:25 2024
Response via : Initial Calibration



TIC: BN032844.D\data.ms

(15) Phenanthrene

16.982min (-0.025) 5.47 ng/u1 m

response 177279

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	15.24
176.00	19.50	19.18
0.00	0.00	0.00

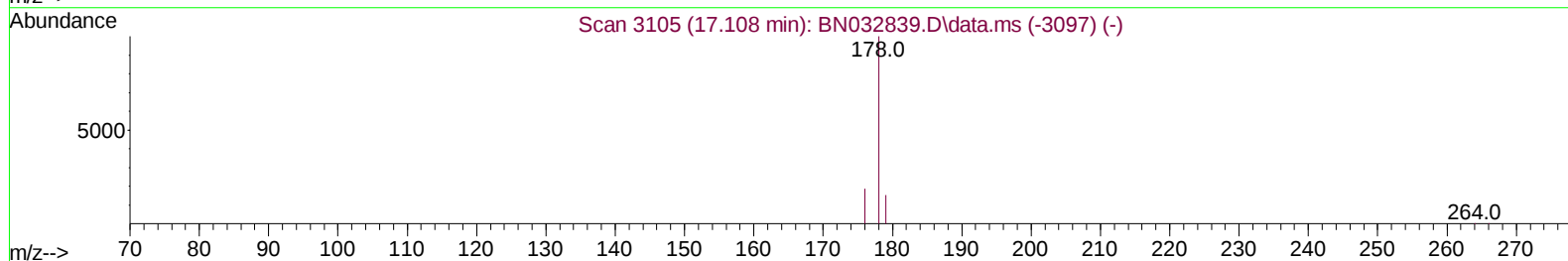
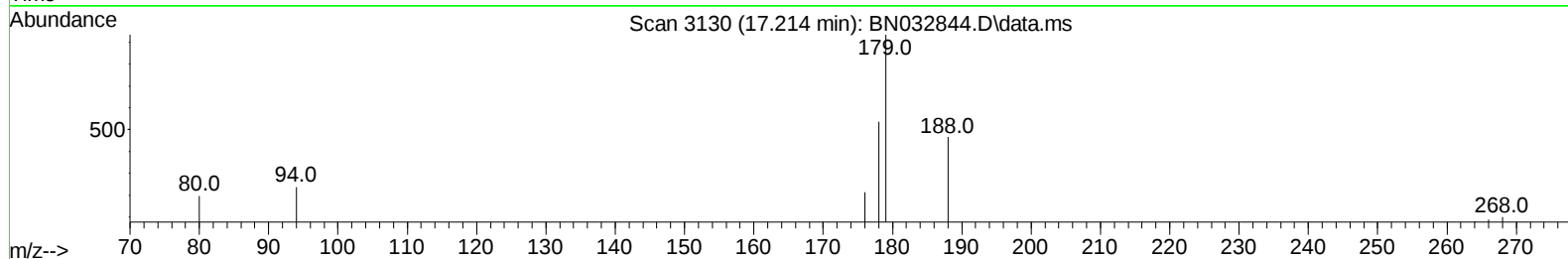
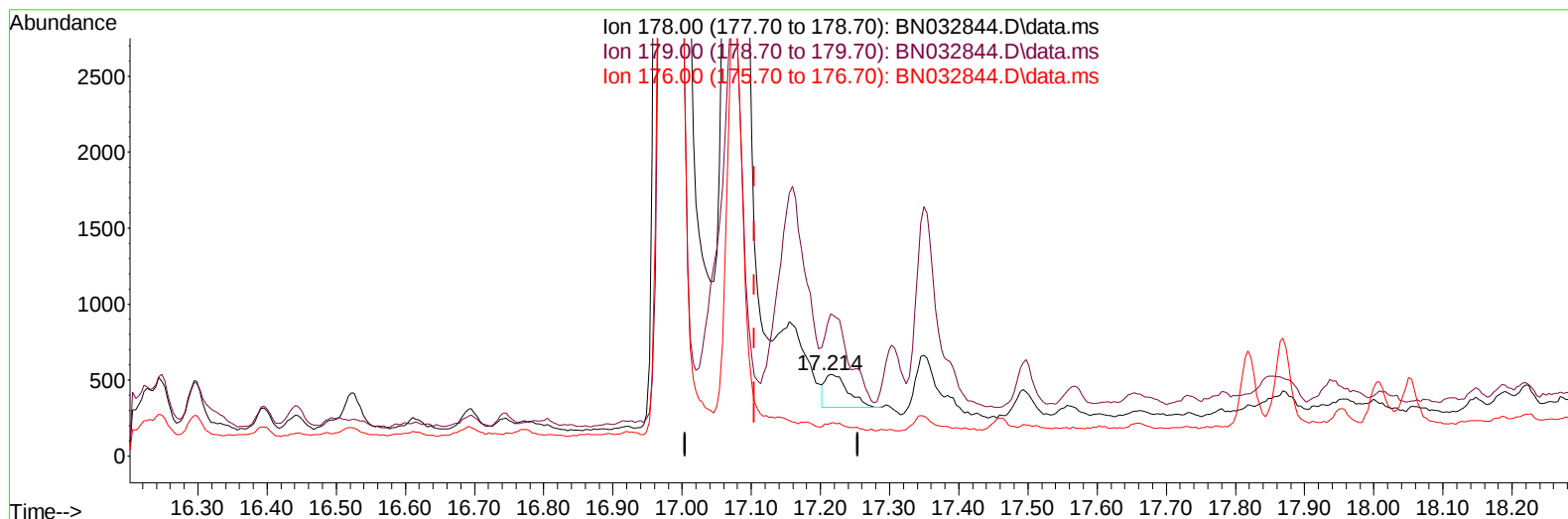
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032844.D
Acq On : 19 Jul 2024 17:00
Operator : MA/JU
Sample : P3178-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BS8

Manual IntegrationsAPPROVED

Quant Time: Jul 19 18:36:25 2024
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TIC: BN032844.D\data.ms

(16) Anthracene

17.214min (+ 0.110) 0.02 ng/u1

response 501

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.80	173.93#
176.00	19.20	40.04#
0.00	0.00	0.00

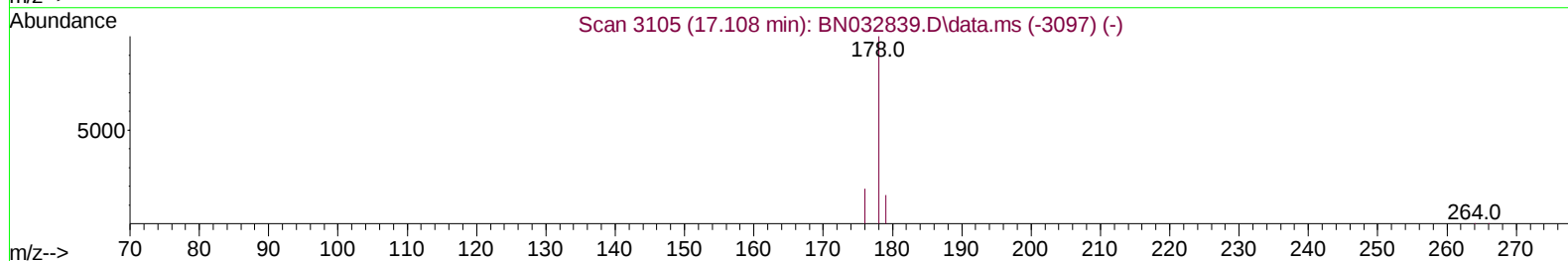
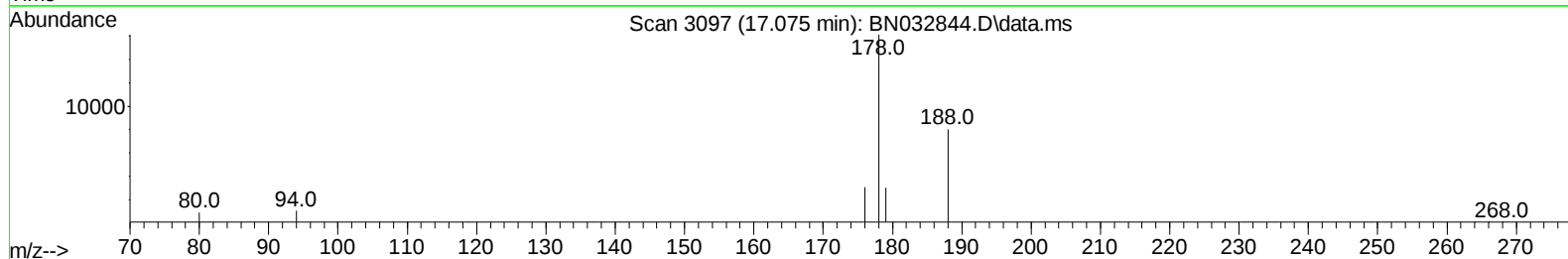
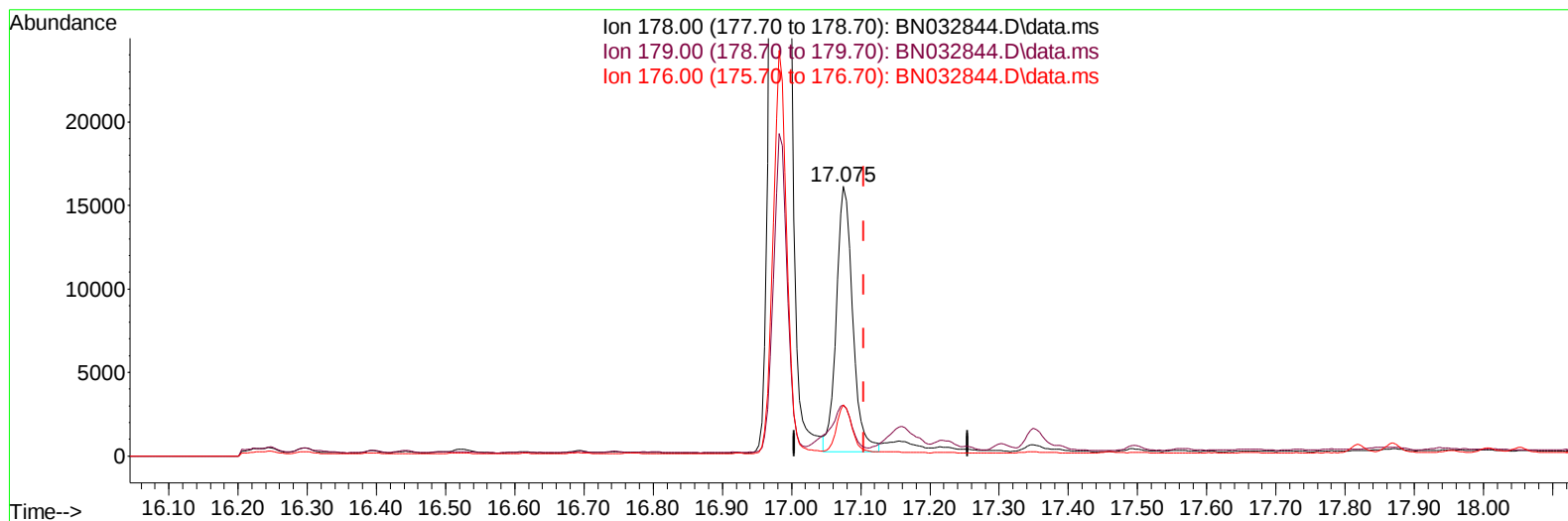
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032844.D
Acq On : 19 Jul 2024 17:00
Operator : MA/JU
Sample : P3178-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BS8

Manual IntegrationsAPPROVED

Quant Time: Jul 19 18:36:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
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TIC: BN032844.D\data.ms

(16) Anthracene

17.075min (-0.030) 0.98 ng/u1 m

response 26006

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.80	18.87
176.00	19.20	19.10
0.00	0.00	0.00

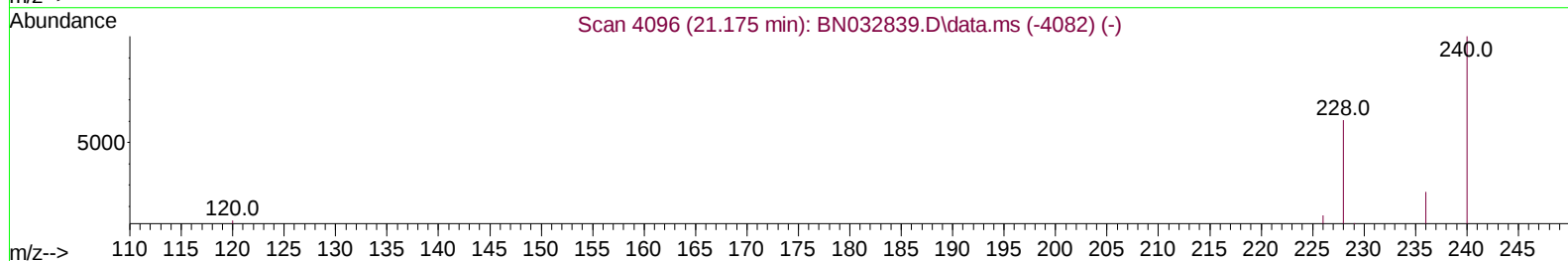
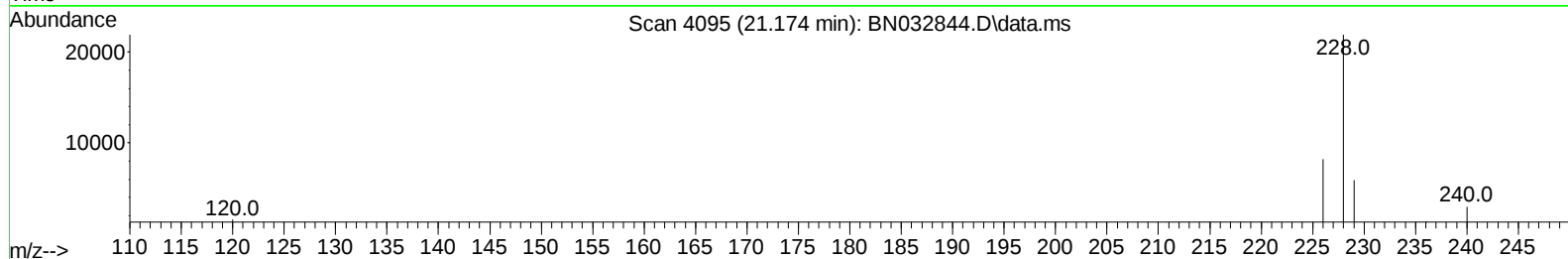
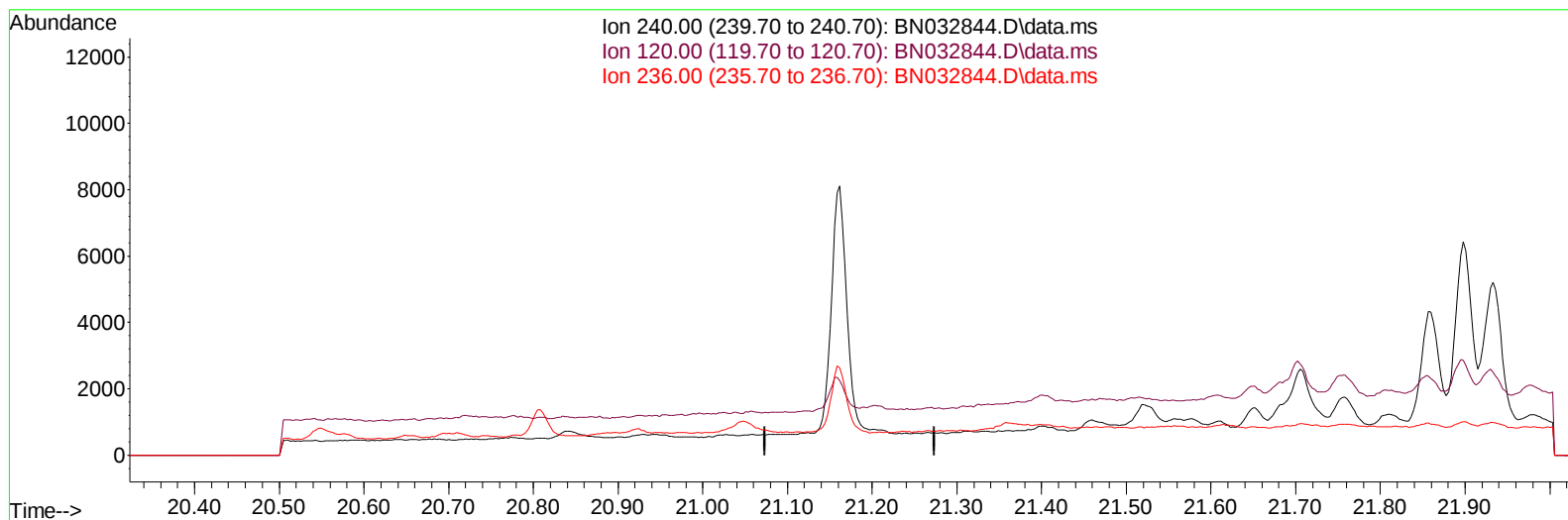
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032844.D
Acq On : 19 Jul 2024 17:00
Operator : MA/JU
Sample : P3178-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BS8

Manual IntegrationsAPPROVED

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TIC: BN032844.D\data.ms

(17) Chrysene-d12

21.174min (-21.174) 0.00 ng/u1

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

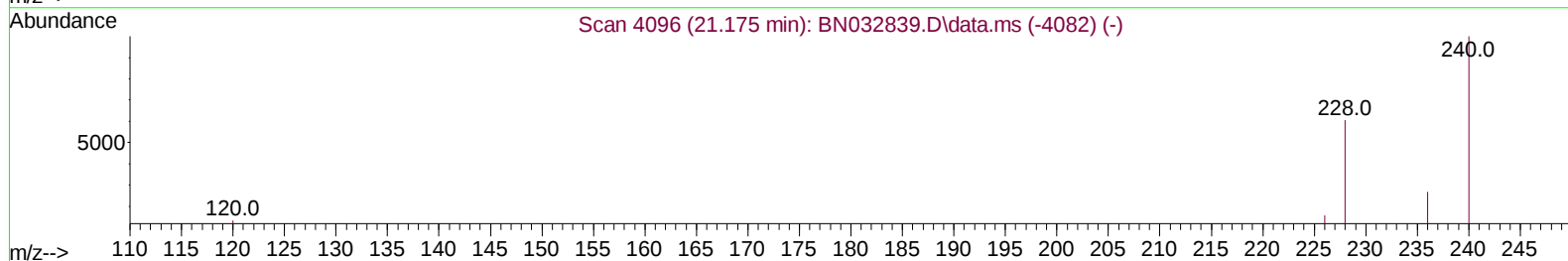
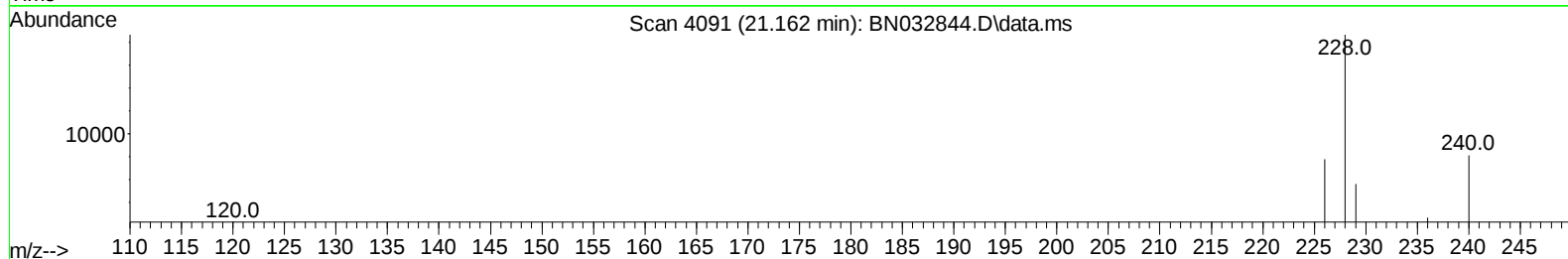
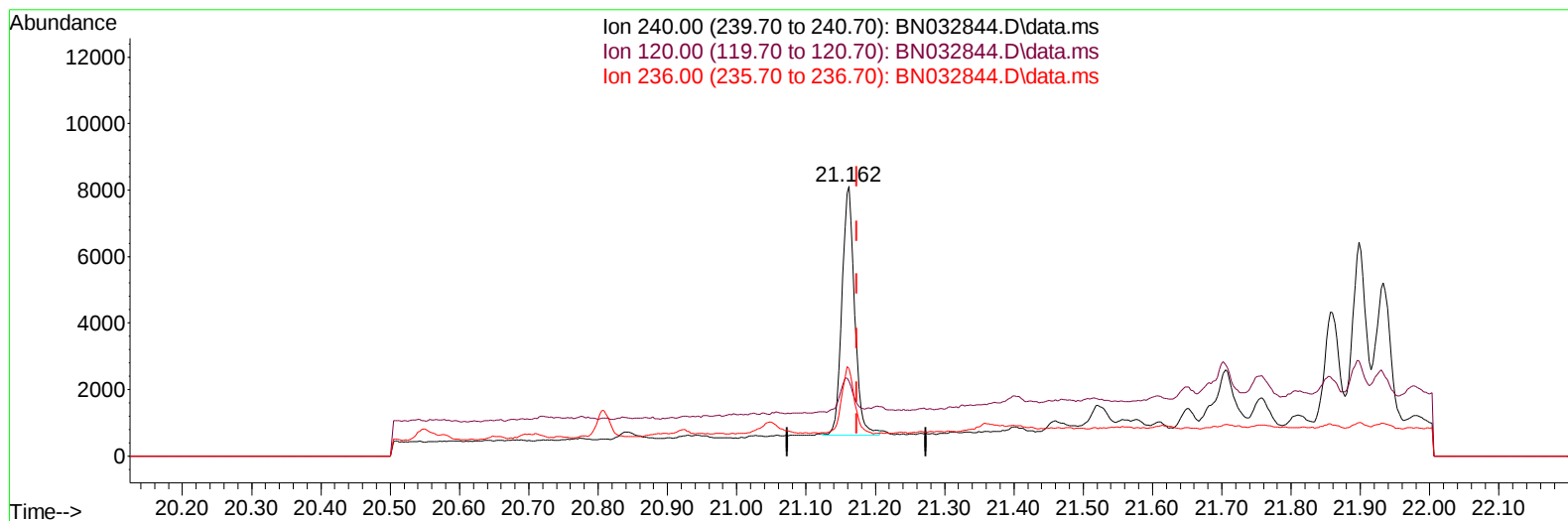
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032844.D
Acq On : 19 Jul 2024 17:00
Operator : MA/JU
Sample : P3178-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BS8

Manual IntegrationsAPPROVED

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

Quant Time: Jul 19 18:36:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
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TIC: BN032844.D\data.ms

(17) Chrysene-d12

21.162min (-0.012) 0.40 ng/ul m

response 9605

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	18.00	27.72#
236.00	28.40	32.53
0.00	0.00	0.00

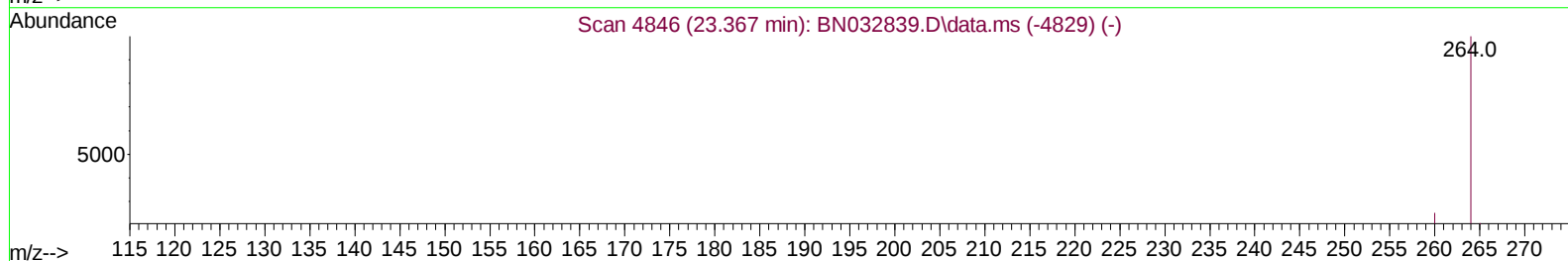
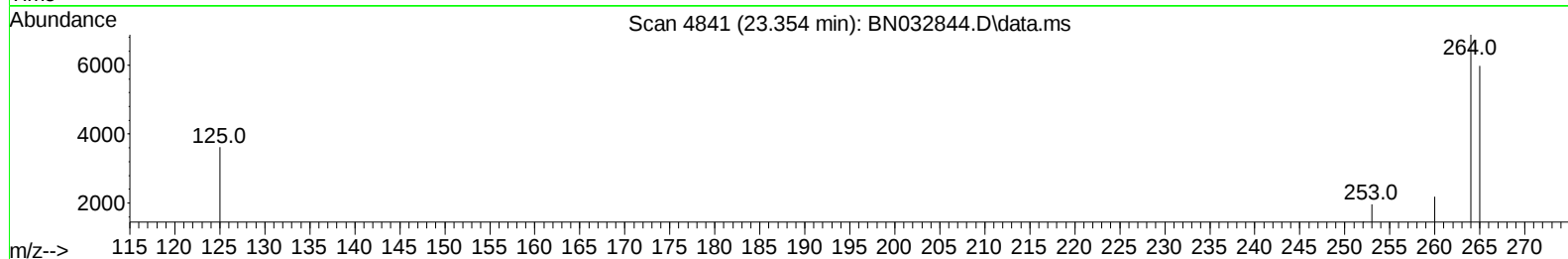
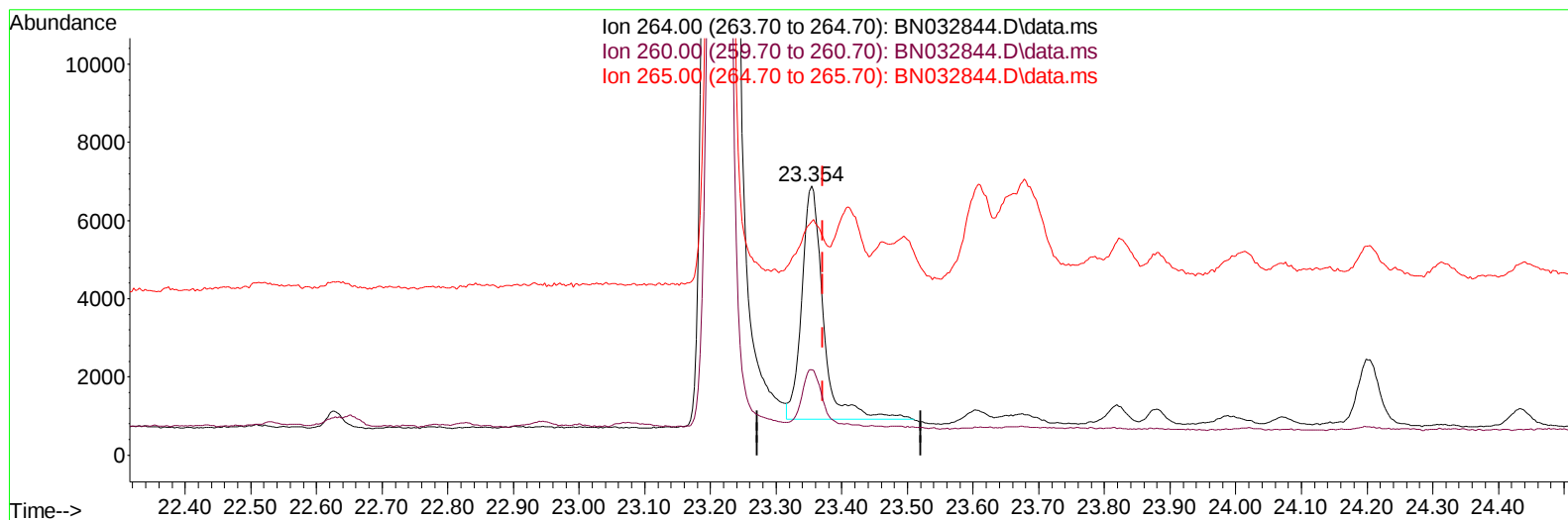
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032844.D
Acq On : 19 Jul 2024 17:00
Operator : MA/JU
Sample : P3178-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BS8

Manual IntegrationsAPPROVED

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TIC: BN032844.D\data.ms

(23) Perylene-d12 (I)

23.354min (-0.018) 0.40 ng/u1

response 13547

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.10	31.79#
265.00	95.50	86.89
0.00	0.00	0.00

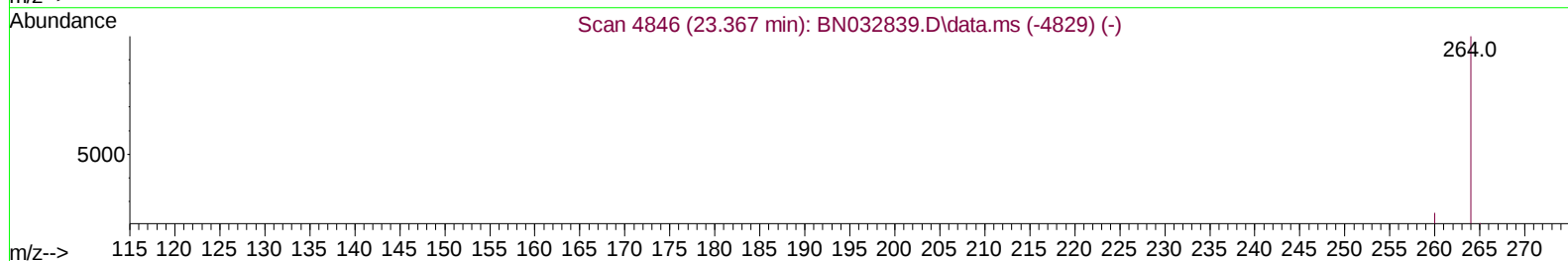
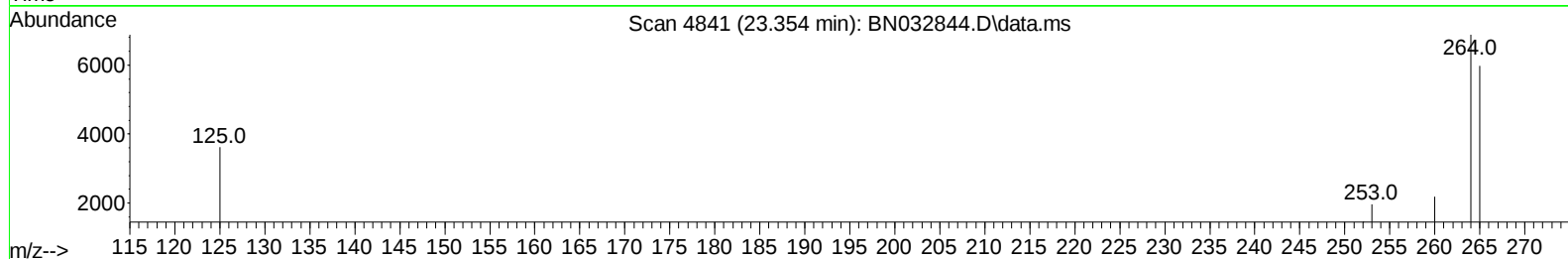
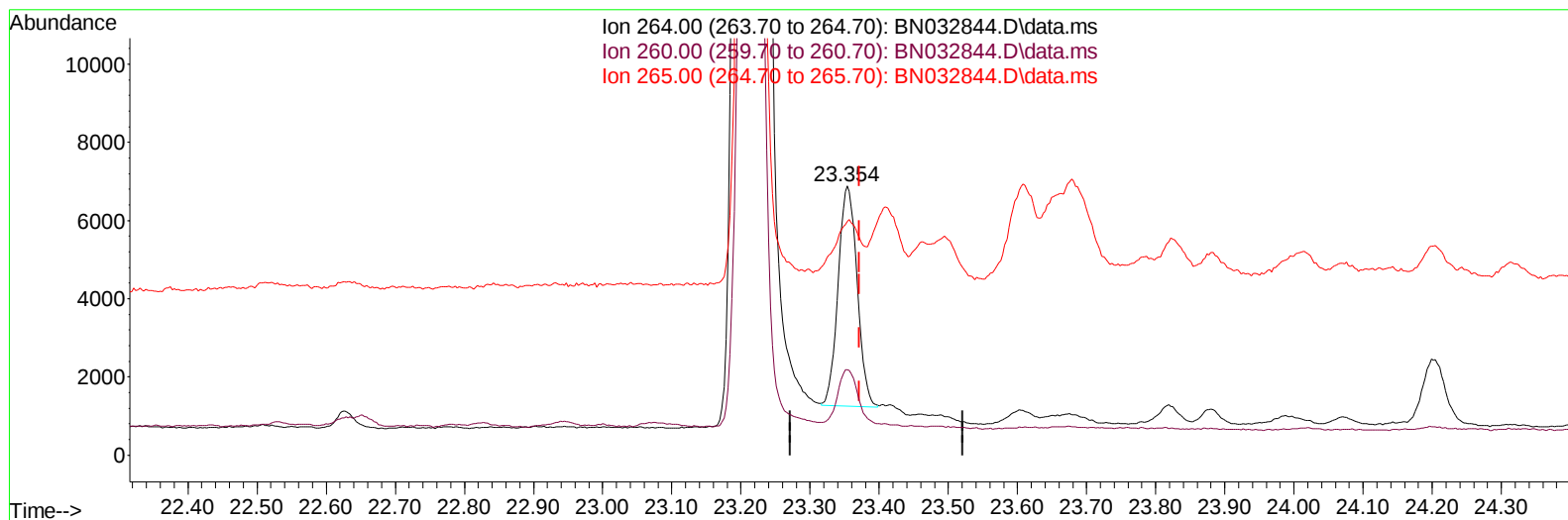
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032844.D
Acq On : 19 Jul 2024 17:00
Operator : MA/JU
Sample : P3178-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BS8

Manual IntegrationsAPPROVED

Quant Time: Jul 19 18:36:25 2024
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TIC: BN032844.D\data.ms

(23) Perylene-d12 (I)

23.354min (-0.018) 0.40 ng/ul m

response 10726

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.10	31.79#
265.00	95.50	86.89
0.00	0.00	0.00

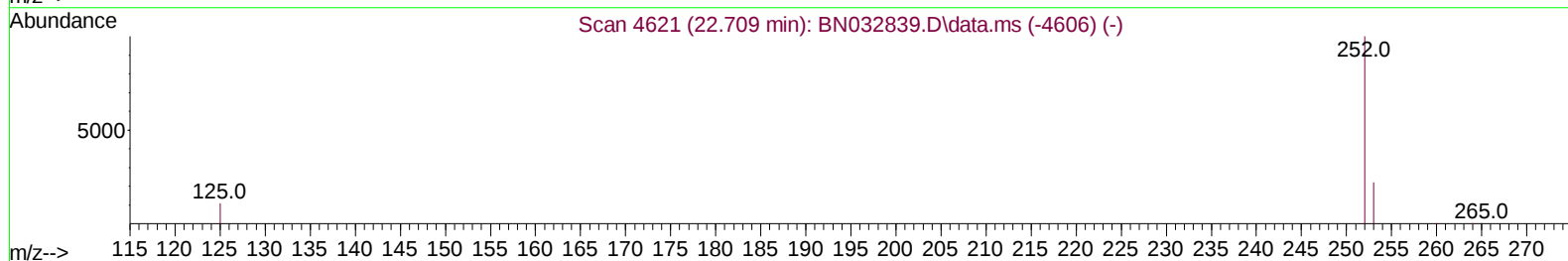
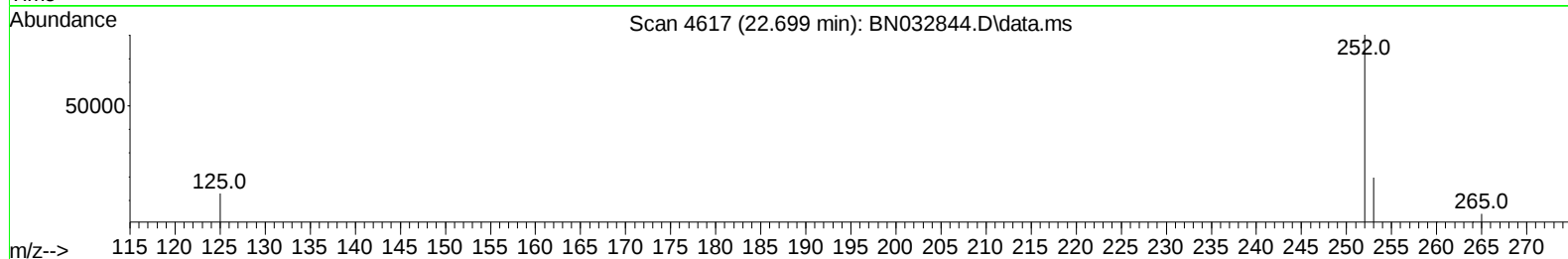
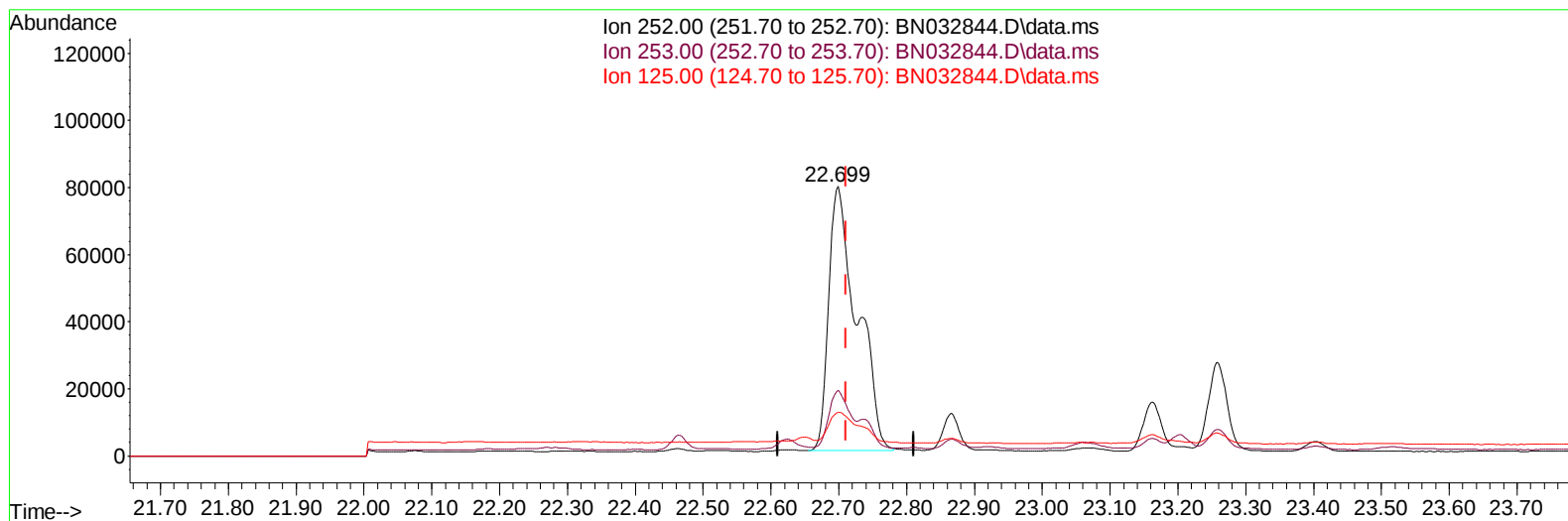
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032844.D
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Operator : MA/JU
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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BS8

Manual IntegrationsAPPROVED

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TIC: BN032844.D\data.ms

(24) Benzo(b)fluoranthene

22.699min (-0.012) 6.04 ng/u1

response 228650

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	24.35
125.00	18.00	16.11
0.00	0.00	0.00

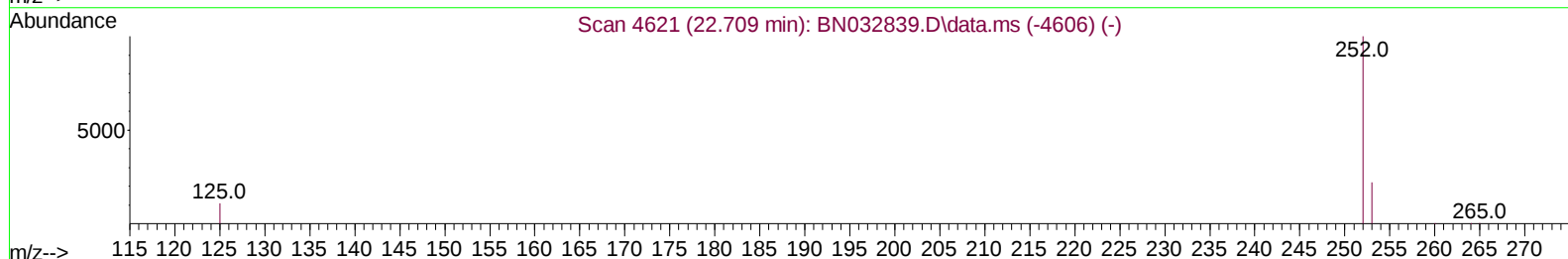
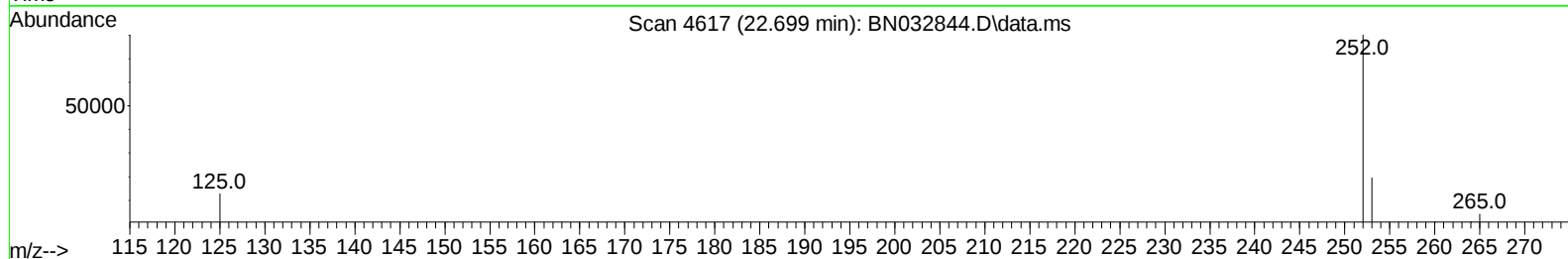
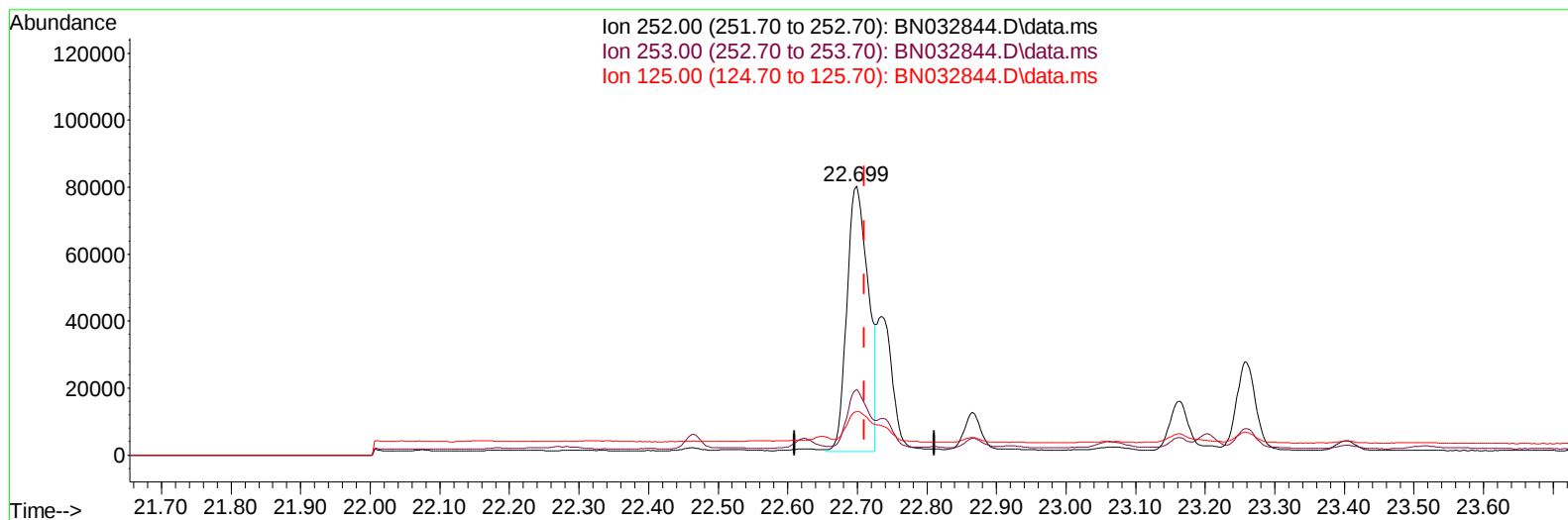
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032844.D
Acq On : 19 Jul 2024 17:00
Operator : MA/JU
Sample : P3178-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BS8

Manual IntegrationsAPPROVED

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TIC: BN032844.D\data.ms

(24) Benzo(b)fluoranthene

22.699min (-0.012) 4.47 ng/u1 m

response 169266

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	24.35
125.00	18.00	16.11
0.00	0.00	0.00

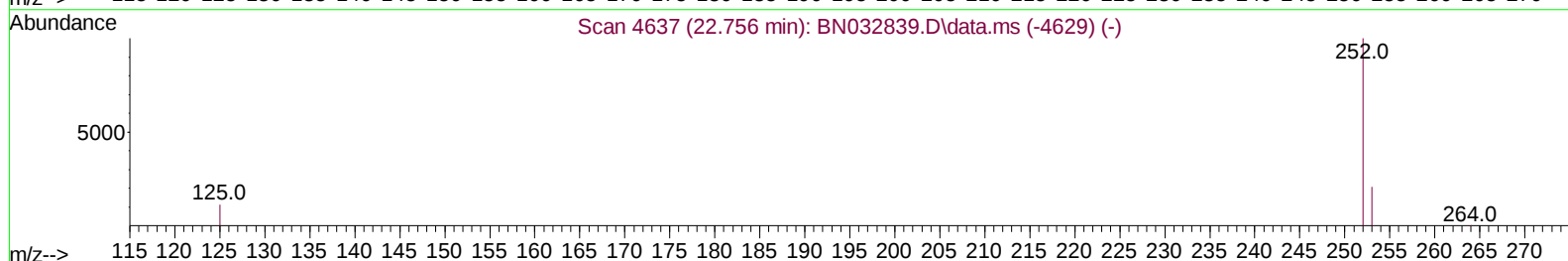
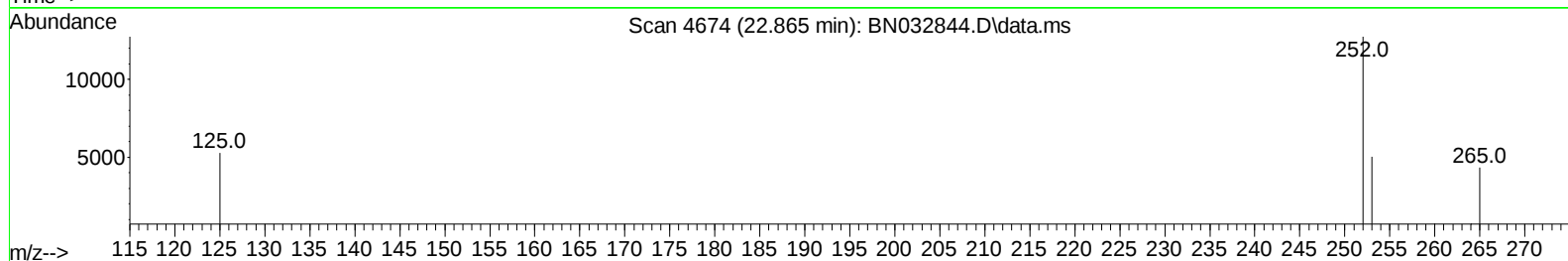
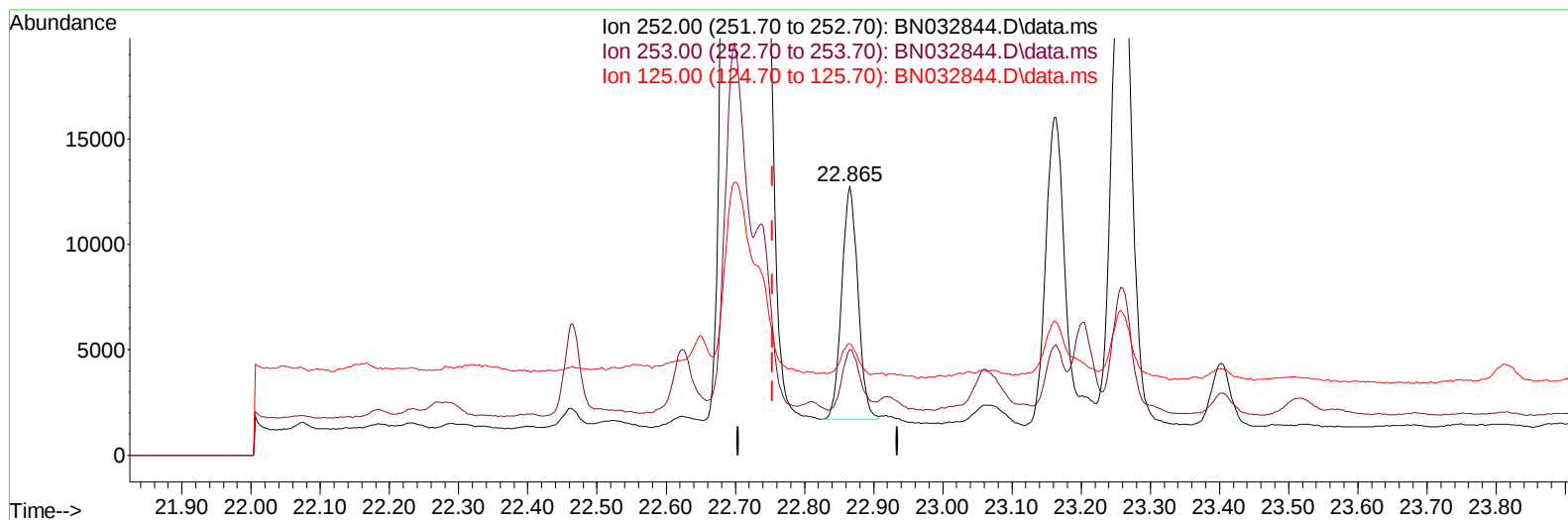
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032844.D
Acq On : 19 Jul 2024 17:00
Operator : MA/JU
Sample : P3178-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BS8

Manual IntegrationsAPPROVED

Quant Time: Jul 19 18:36:25 2024
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TIC: BN032844.D\data.ms

(25) Benzo(k)fluoranthene

22.865min (+ 0.111) 0.39 ng/u1

response 17940

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	39.37#
125.00	18.50	41.45#
0.00	0.00	0.00

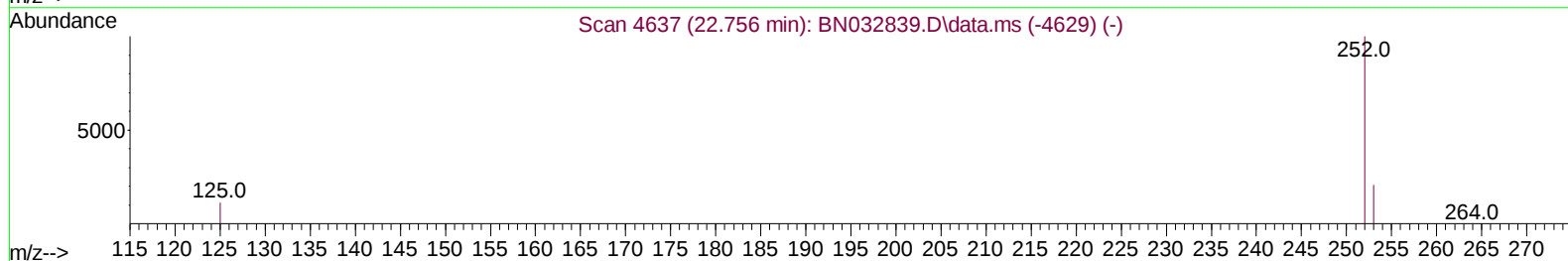
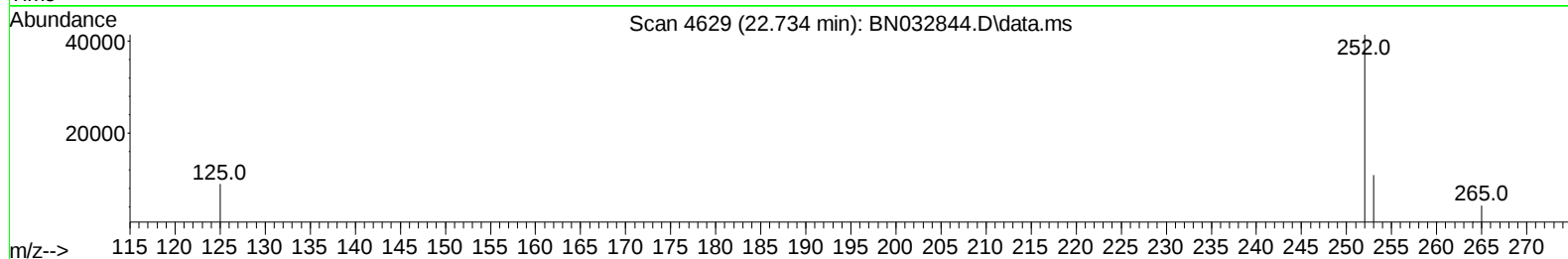
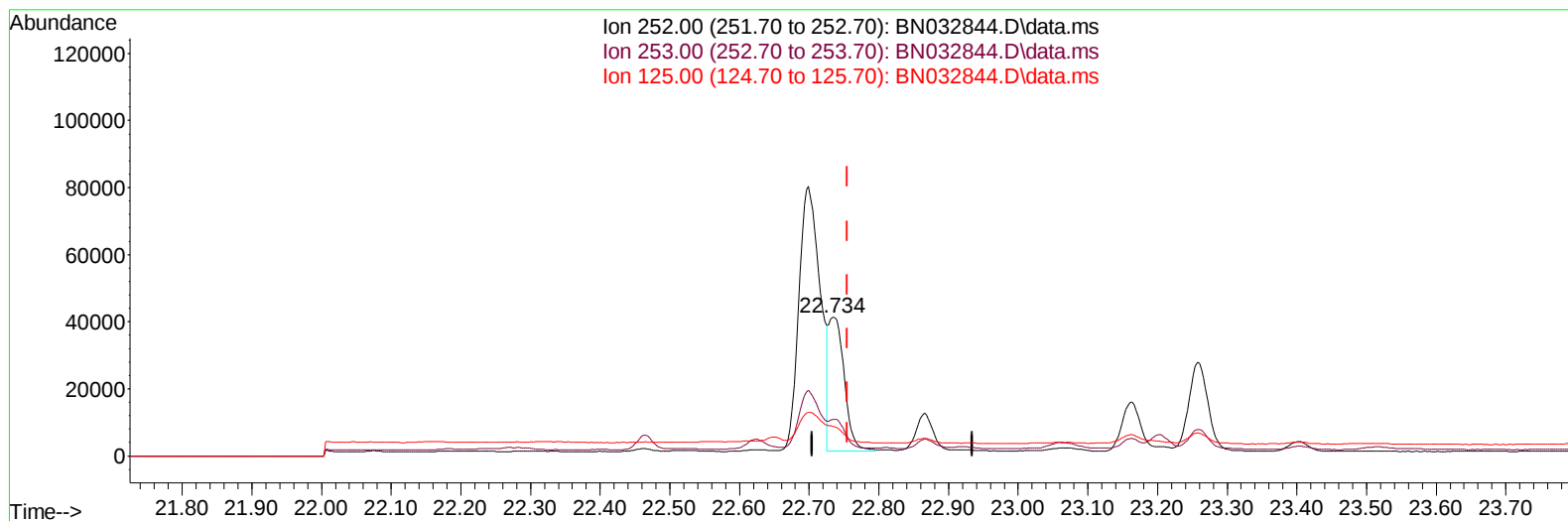
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032844.D
Acq On : 19 Jul 2024 17:00
Operator : MA/JU
Sample : P3178-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BS8

Manual IntegrationsAPPROVED

Quant Time: Jul 19 18:36:25 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: BN032844.D\data.ms

(25) Benzo(k)fluoranthene

22.734min (-0.021) 1.36 ng/ul m

response 62666

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	26.30
125.00	18.50	21.53
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.527	152	3963	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.299	136	12659	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.184	164	6791	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.940	188	11893m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.162	240	9605m	0.400	ng/ul	-0.01
23) Perylene-d12	23.354	264	10726m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.089	96	15304	3.216	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.900	152	4375	0.229	ng/ul	-0.03
18) Fluoranthene-d10	18.985	212	6952	0.222	ng/ul	-0.02
Target Compounds						
						Qvalue
5) Naphthalene	10.349	128	8215	0.242	ng/ul	99
7) 2-Methylnaphthalene	11.977	142	3314	0.156	ng/ul	95
8) 1-Methylnaphthalene	12.202	142	2488	0.113	ng/ul	100
10) Acenaphthylene	13.902	152	6121	0.223	ng/ul#	93
11) Acenaphthene	14.244	153	9458	0.417	ng/ul	99
12) Fluorene	15.243	166	9495	0.366	ng/ul	98
15) Phenanthrene	16.982	178	177279m	5.473	ng/ul	
16) Anthracene	17.075	178	26006m	0.983	ng/ul	
19) Fluoranthene	19.017	202	253709	6.497	ng/ul	98
20) Pyrene	19.385	202	166611	4.122	ng/ul	96
21) Benzo(a)anthracene	21.144	228	121798	3.984	ng/ul	98
22) Chrysene	21.197	228	127826	2.890	ng/ul	97
24) Benzo(b)fluoranthene	22.699	252	169266m	4.473	ng/ul	
25) Benzo(k)fluoranthene	22.734	252	62666m	1.359	ng/ul	
26) Benzo(a)pyrene	23.257	252	51235	1.564	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.559	276	50423	1.137	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.556	278	20903	0.608	ng/ul#	73
29) Benzo(g,h,i)perylene	26.247	276	7411	0.200	ng/ul#	49

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

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