

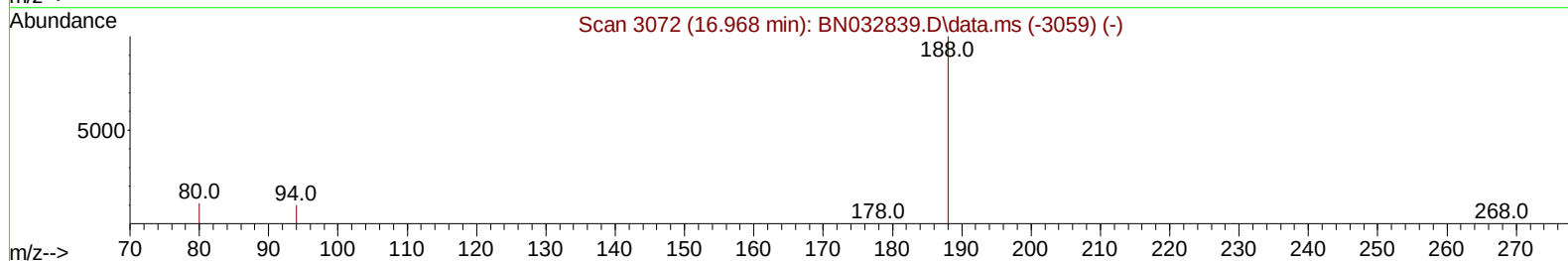
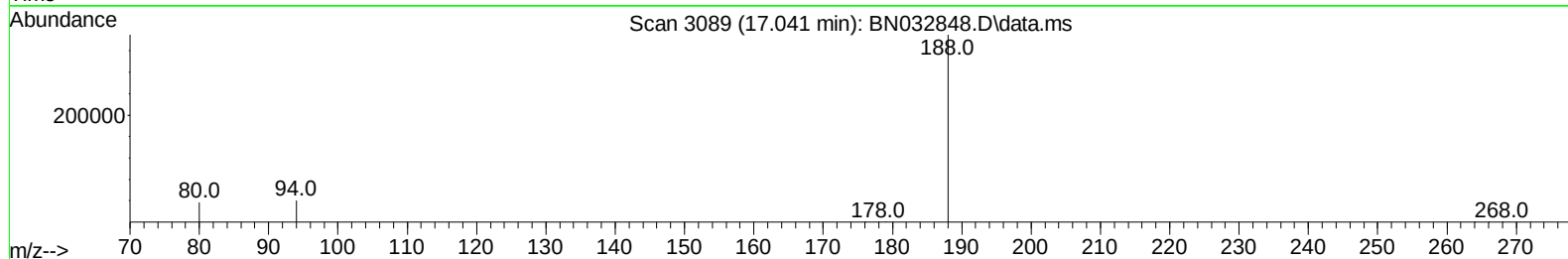
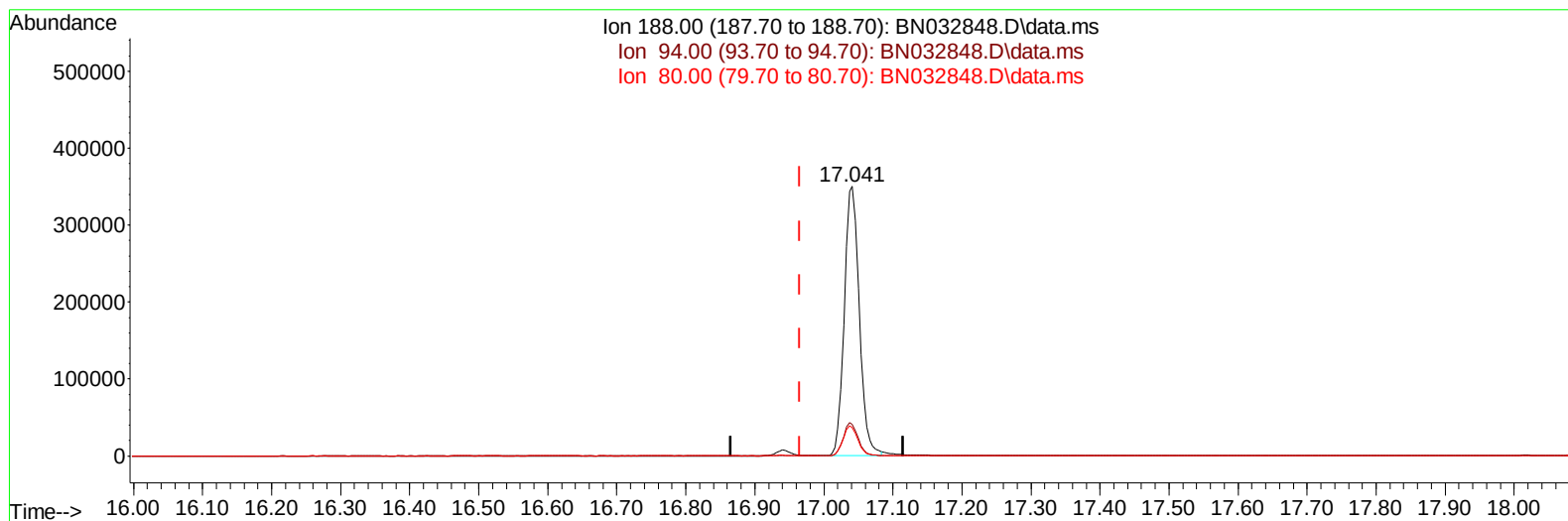
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032848.D
Acq On : 19 Jul 2024 19:25
Operator : MA/JU
Sample : P3178-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BT3

Manual IntegrationsAPPROVED

Quant Time: Jul 19 23:20:06 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: BN032848.D\data.ms

(13) Phenanthrene-d10 (I)

17.041min (+ 0.076) 0.40 ng/u1

response 528983

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.00	11.70
80.00	12.00	10.46
0.00	0.00	0.00

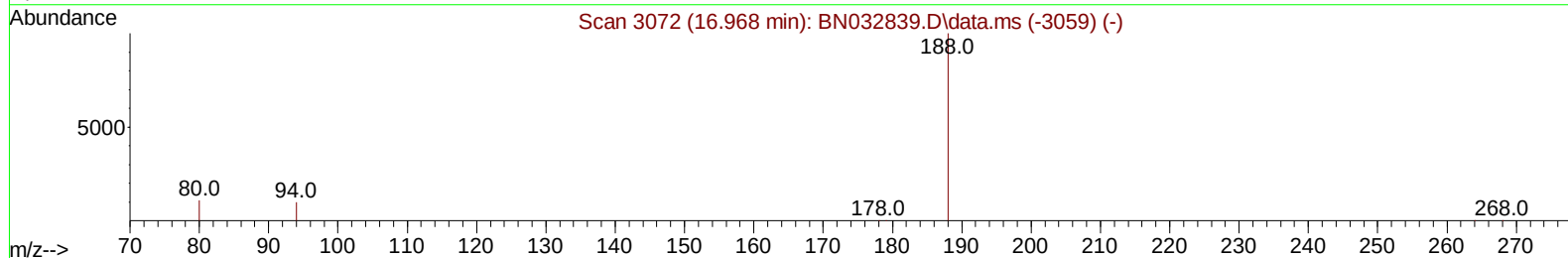
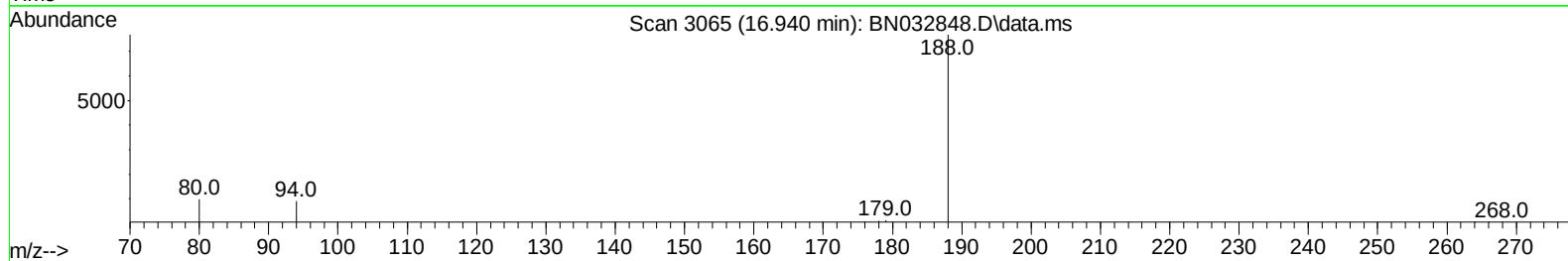
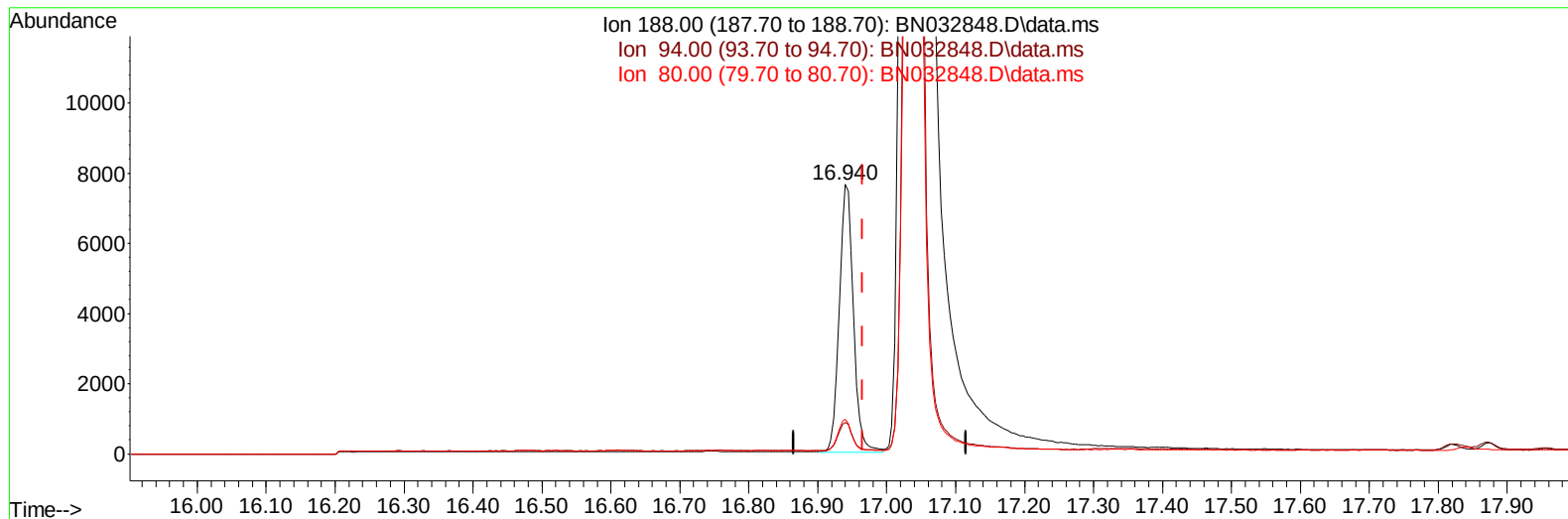
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032848.D
Acq On : 19 Jul 2024 19:25
Operator : MA/JU
Sample : P3178-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BT3

Manual IntegrationsAPPROVED

Quant Time: Jul 19 23:20:06 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
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Reviewed By :Yogesh Patel 07/20/2024
Supervised By :mohammad ahmed 07/22/2024



TIC: BN032848.D\data.ms

(13) Phenanthrene-d10 (I)

16.940min (-0.026) 0.40 ng/ul m

response 10874

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.00	11.70
80.00	12.00	12.79
0.00	0.00	0.00

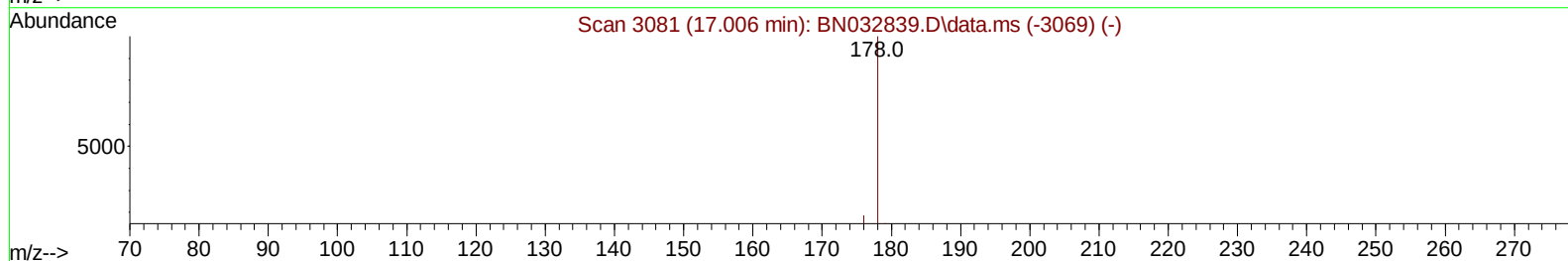
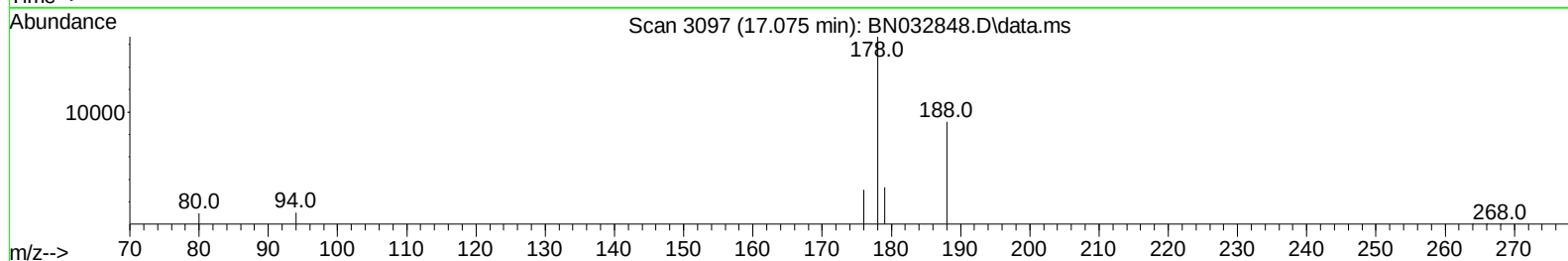
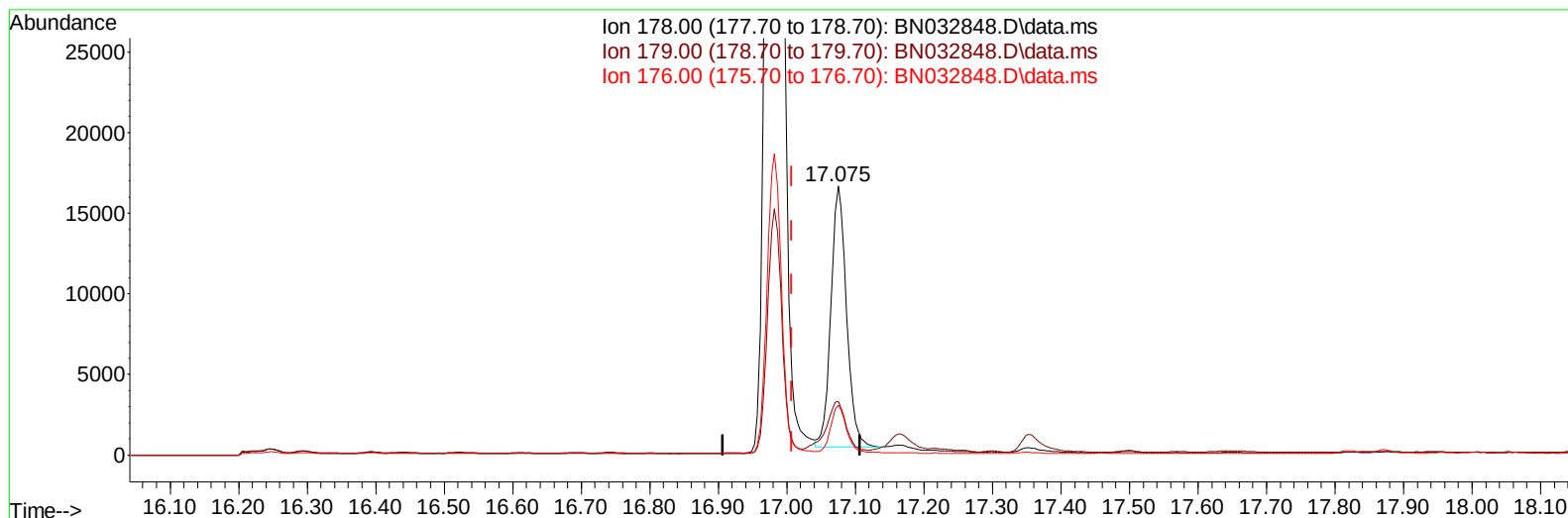
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032848.D
Acq On : 19 Jul 2024 19:25
Operator : MA/JU
Sample : P3178-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BT3

Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 07/20/2024
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TIC: BN032848.D\data.ms

(15) Phenanthrene

17.075min (+ 0.067) 0.87 ng/u1

response 25722

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	19.92#
176.00	19.50	18.53
0.00	0.00	0.00

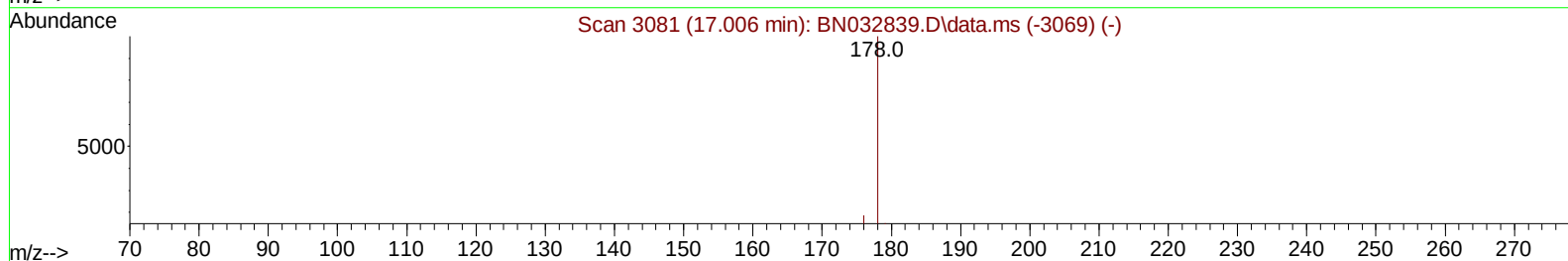
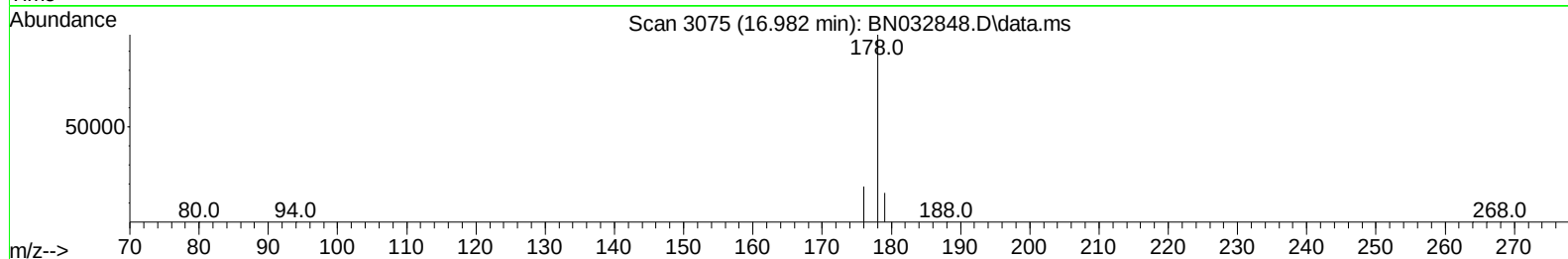
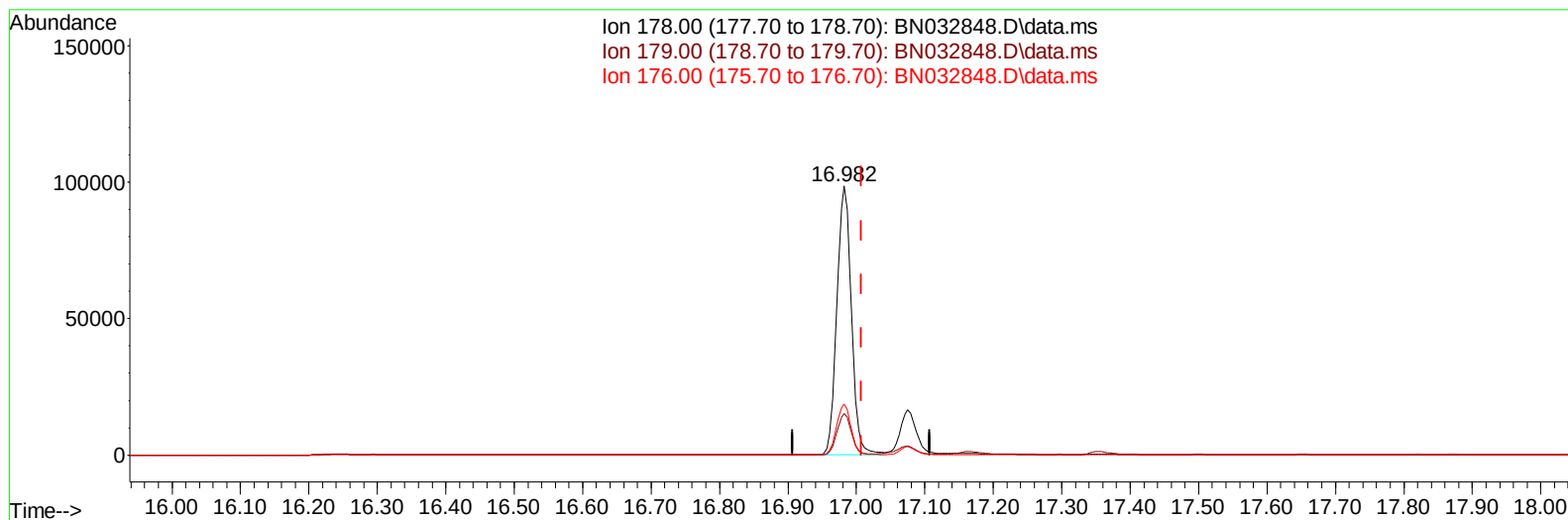
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032848.D
Acq On : 19 Jul 2024 19:25
Operator : MA/JU
Sample : P3178-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BT3

Manual IntegrationsAPPROVED

Quant Time: Jul 19 23:20:06 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
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TIC: BN032848.D\data.ms

(15) Phenanthrene

16.982min (-0.026) 4.89 ng/ul m

response 144902

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	15.52
176.00	19.50	18.99
0.00	0.00	0.00

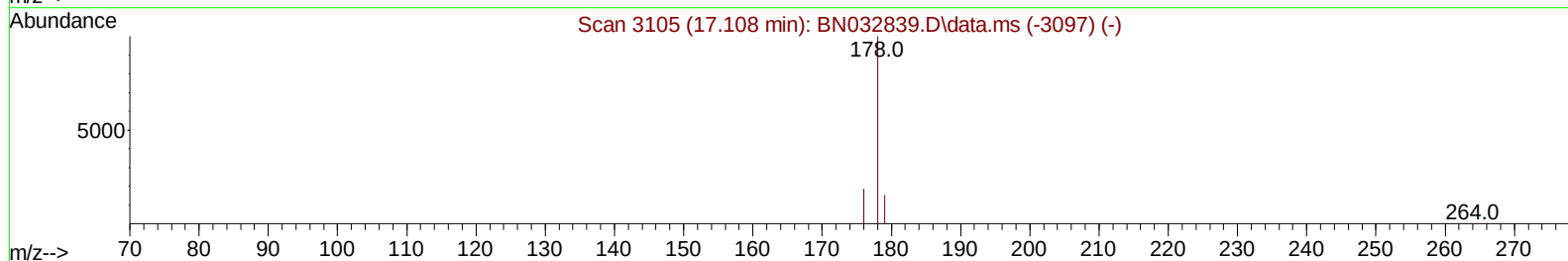
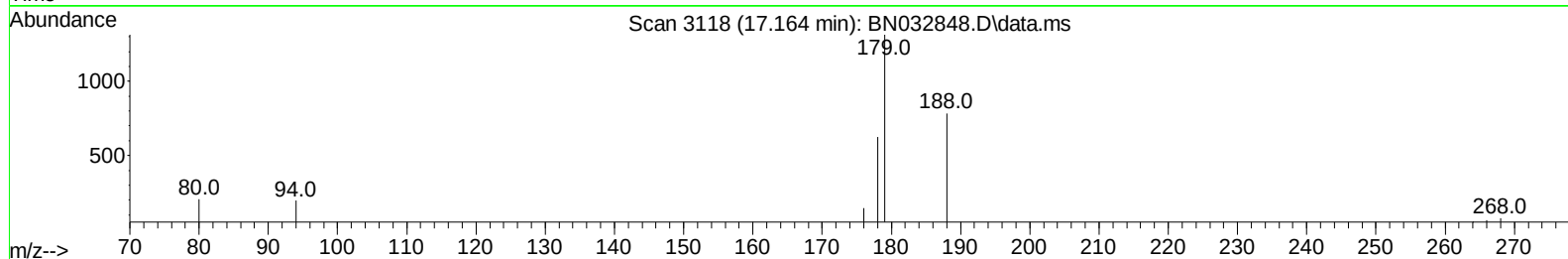
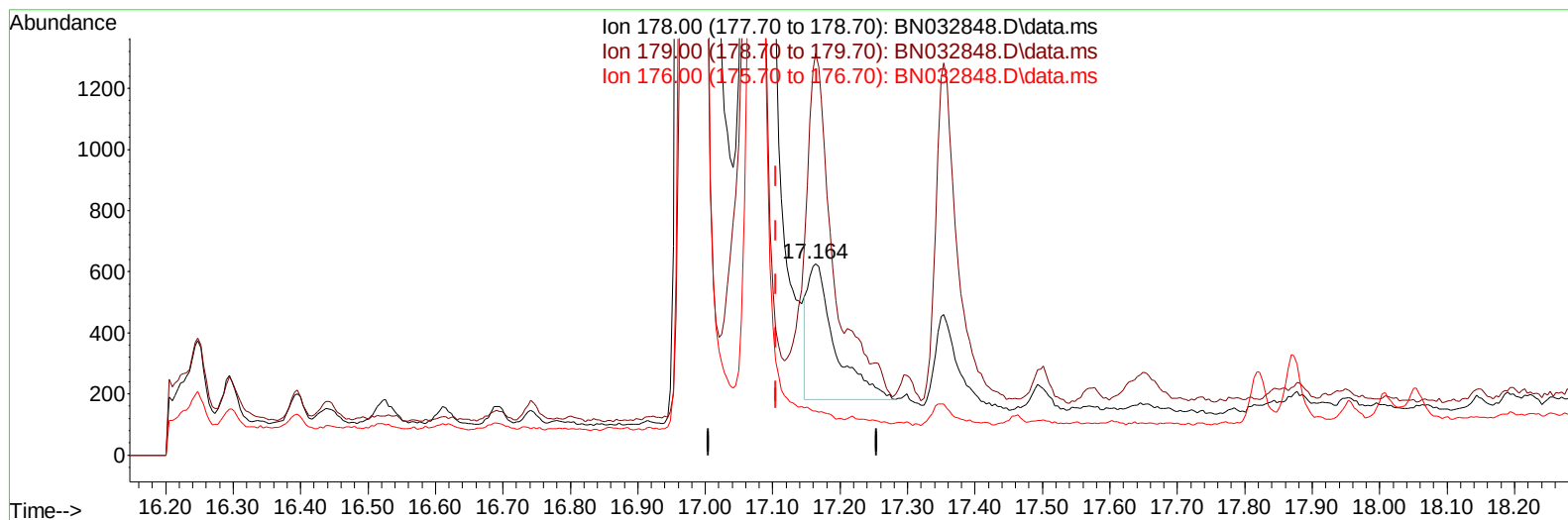
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032848.D
Acq On : 19 Jul 2024 19:25
Operator : MA/JU
Sample : P3178-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BT3

Manual IntegrationsAPPROVED

Quant Time: Jul 19 23:20:06 2024
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TIC: BN032848.D\data.ms

(16) Anthracene

17.164min (+ 0.059) 0.05 ng/u1

response 1251

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.80	209.90#
176.00	19.20	23.16#
0.00	0.00	0.00

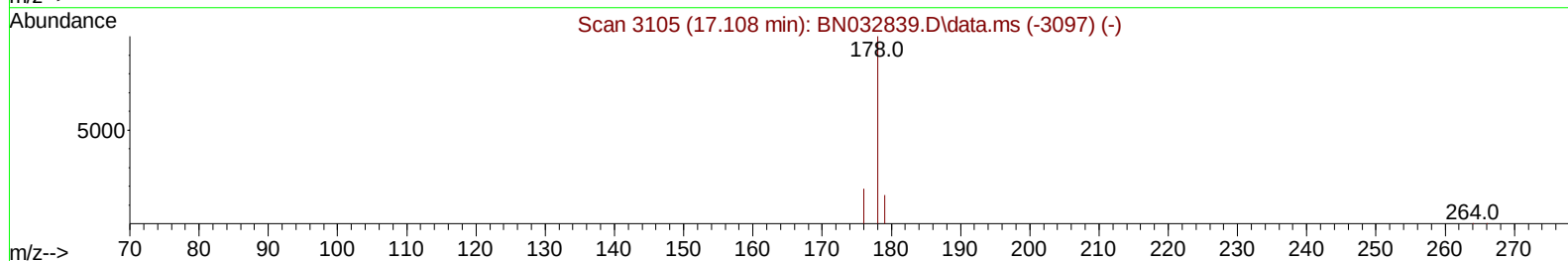
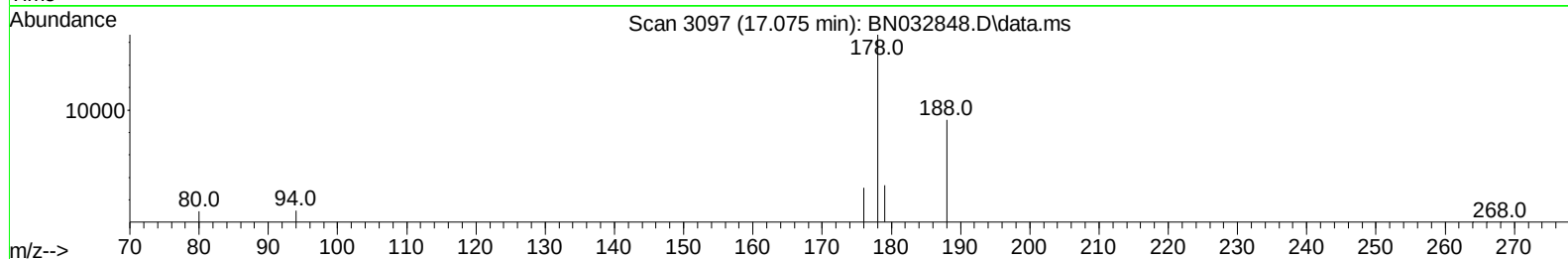
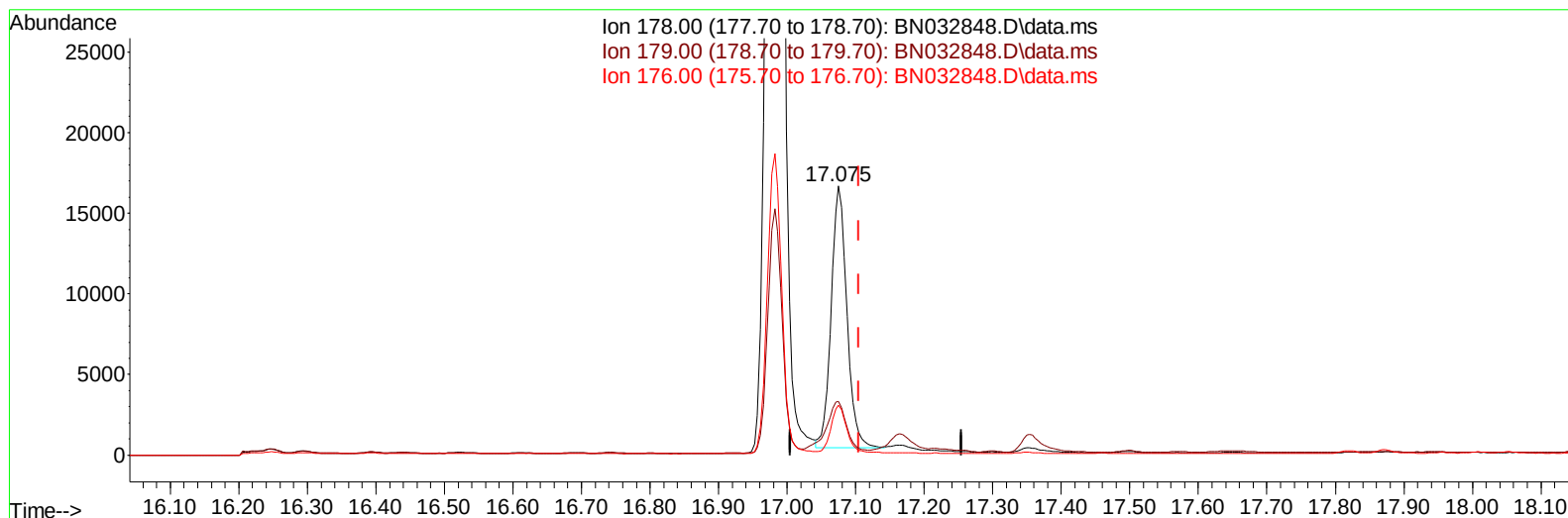
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032848.D
Acq On : 19 Jul 2024 19:25
Operator : MA/JU
Sample : P3178-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BT3

Manual IntegrationsAPPROVED

Quant Time: Jul 19 23:20:06 2024
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TIC: BN032848.D\data.ms

(16) Anthracene

17.075min (-0.030) 1.07 ng/ul m

response 25905

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.80	19.92
176.00	19.20	18.53
0.00	0.00	0.00

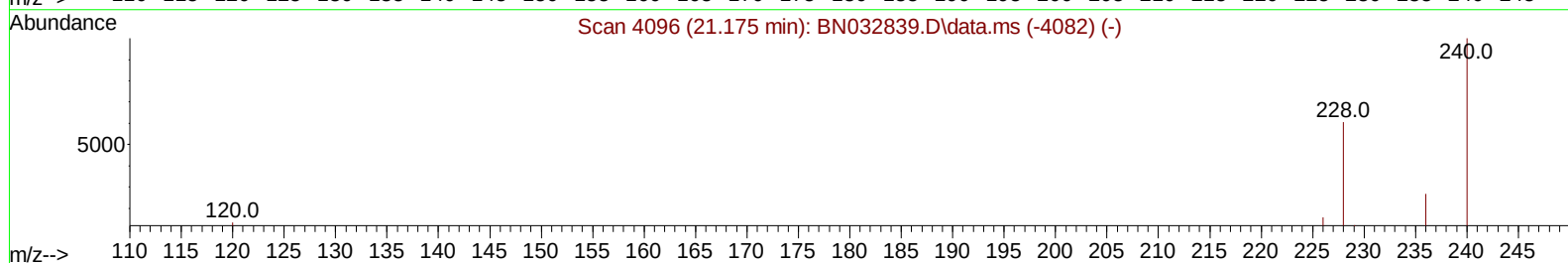
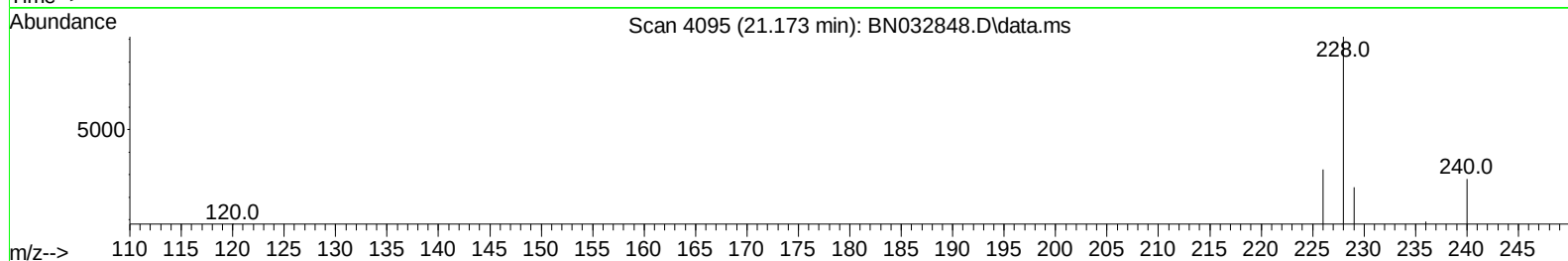
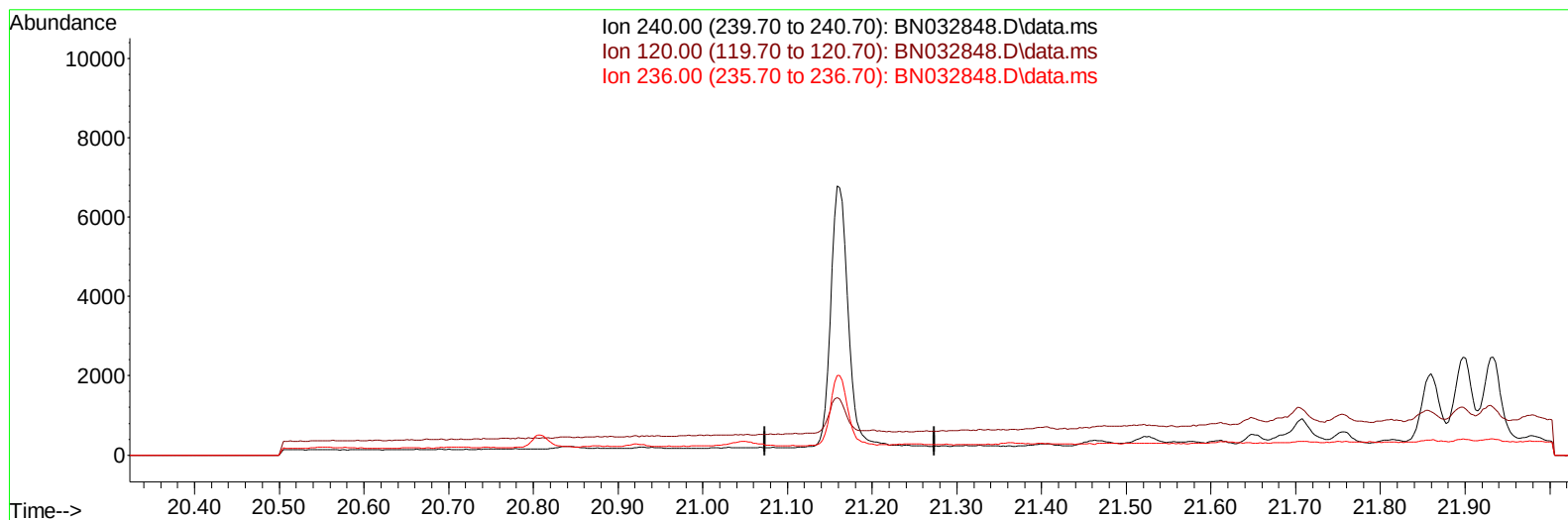
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032848.D
Acq On : 19 Jul 2024 19:25
Operator : MA/JU
Sample : P3178-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BT3

Manual IntegrationsAPPROVED

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TIC: BN032848.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

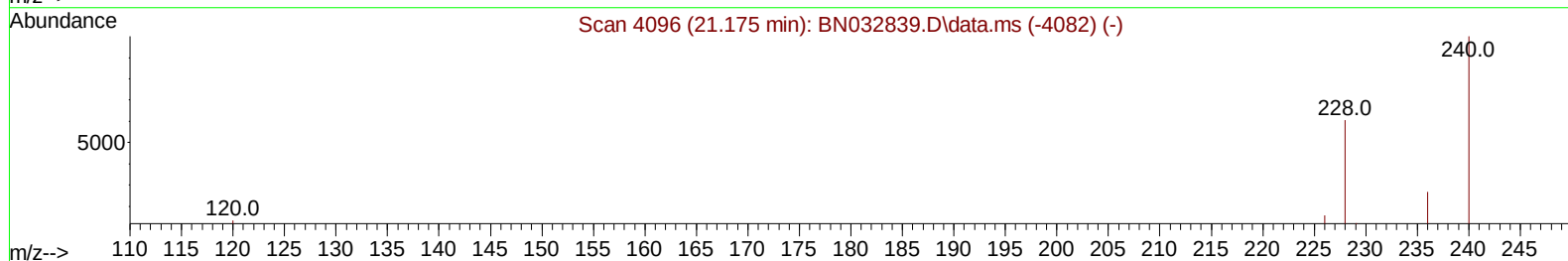
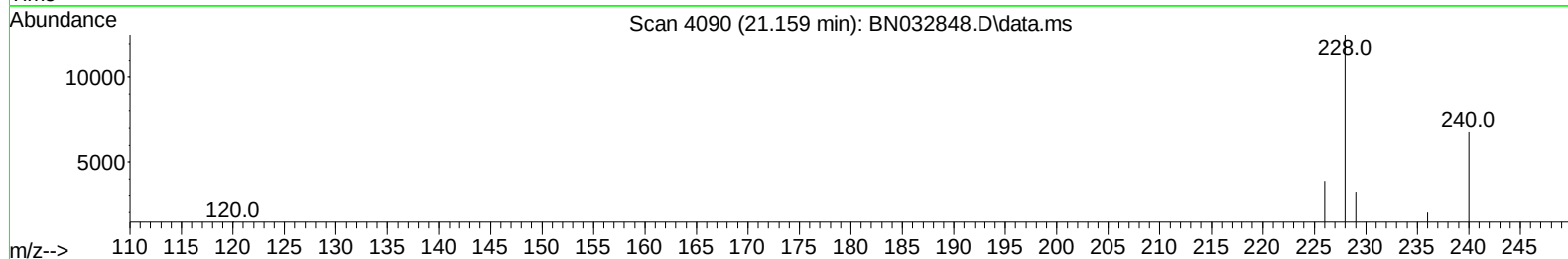
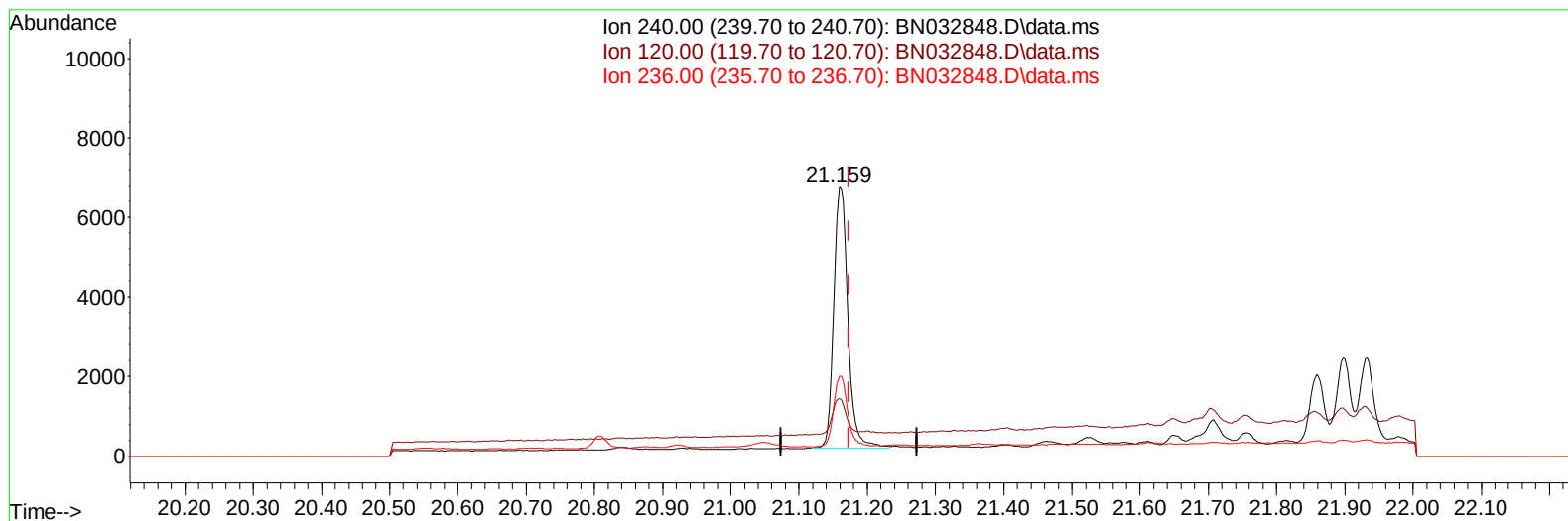
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032848.D
Acq On : 19 Jul 2024 19:25
Operator : MA/JU
Sample : P3178-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BT3

Manual IntegrationsAPPROVED

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

Quant Time: Jul 19 23:20:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
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Response via : Initial Calibration



TIC: BN032848.D\data.ms

(17) Chrysene-d12

21.159min (-0.015) 0.40 ng/ul m

response 9409

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	18.00	21.41
236.00	28.40	29.53
0.00	0.00	0.00

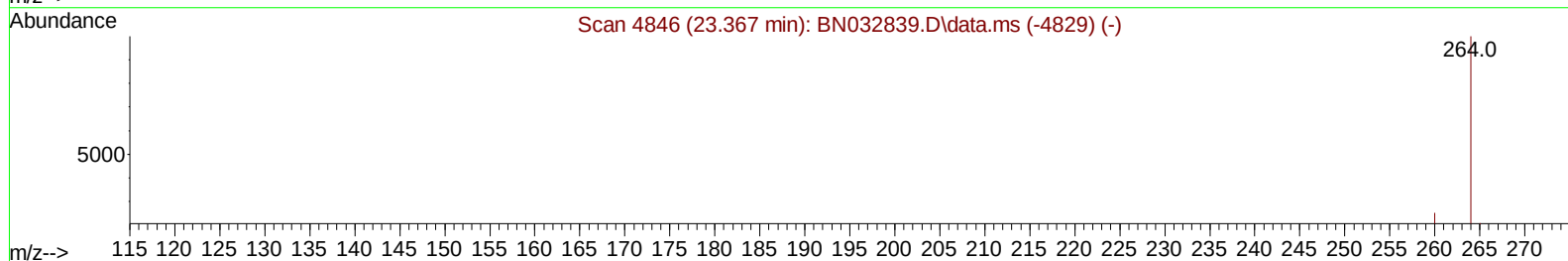
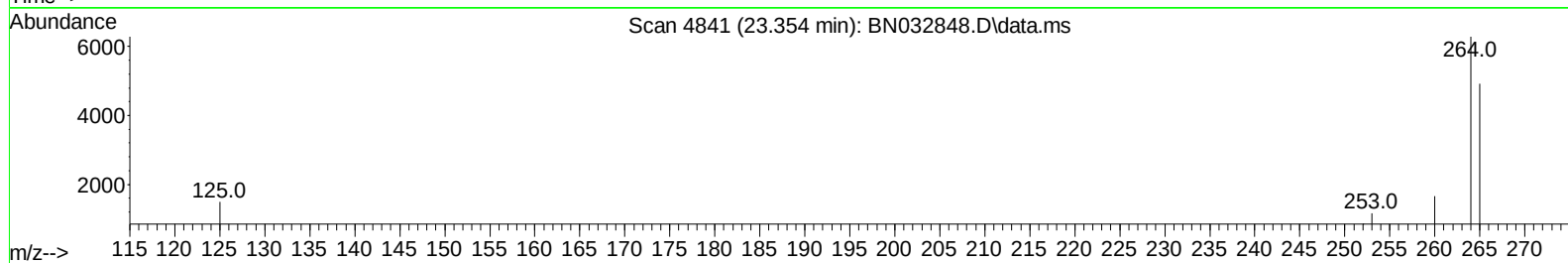
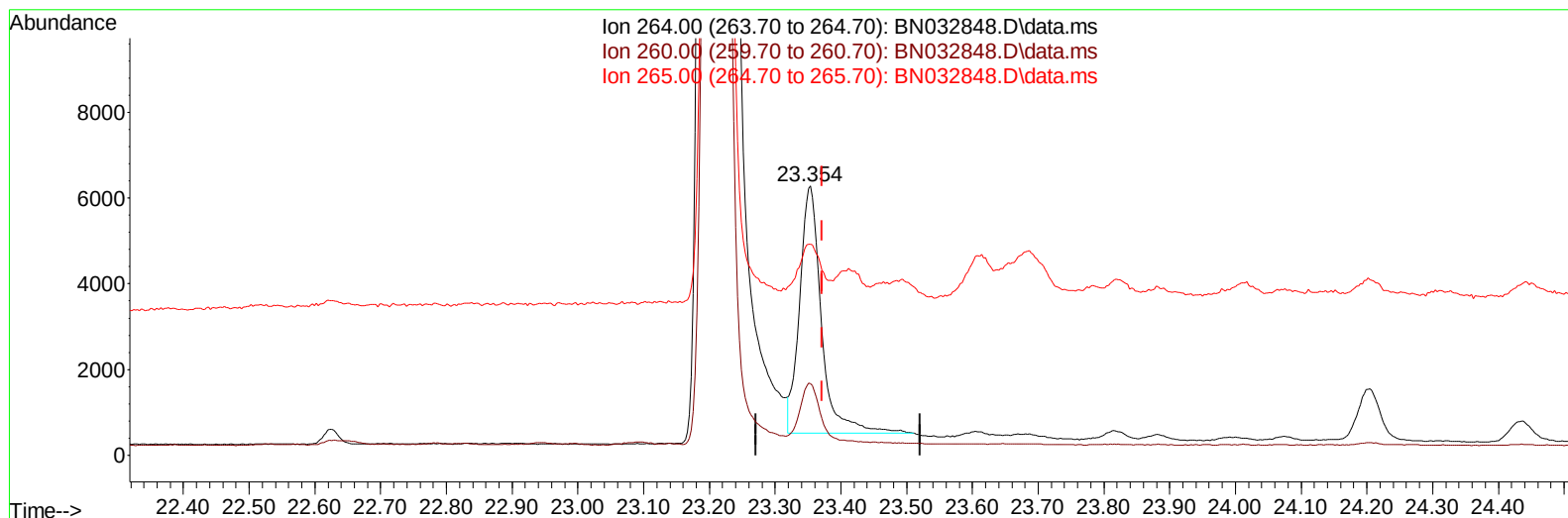
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032848.D
Acq On : 19 Jul 2024 19:25
Operator : MA/JU
Sample : P3178-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BT3

Manual IntegrationsAPPROVED

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TIC: BN032848.D\data.ms

(23) Perylene-d12 (I)

23.354min (-0.018) 0.40 ng/u1

response 13502

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.10	26.58
265.00	95.50	78.41
0.00	0.00	0.00

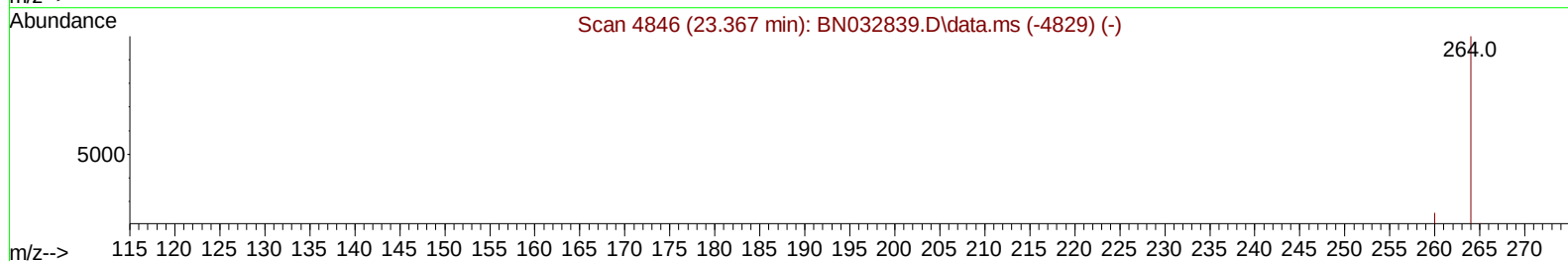
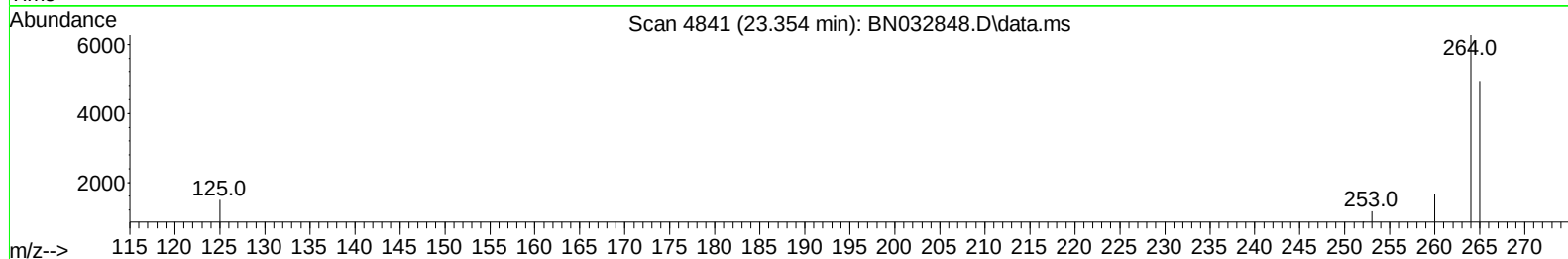
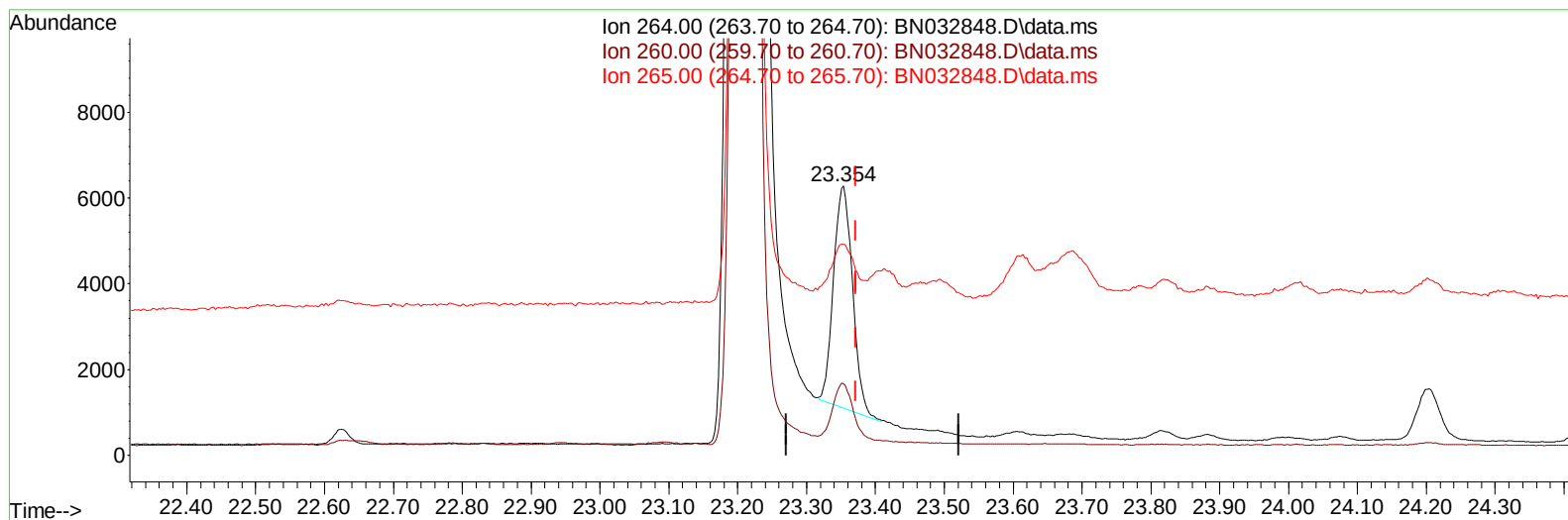
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Data File : BN032848.D
Acq On : 19 Jul 2024 19:25
Operator : MA/JU
Sample : P3178-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BT3

Manual IntegrationsAPPROVED

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TIC: BN032848.D\data.ms

(23) Perylene-d12 (I)

23.354min (-0.018) 0.40 ng/ul m

response 9938

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.10	26.58
265.00	95.50	78.41
0.00	0.00	0.00

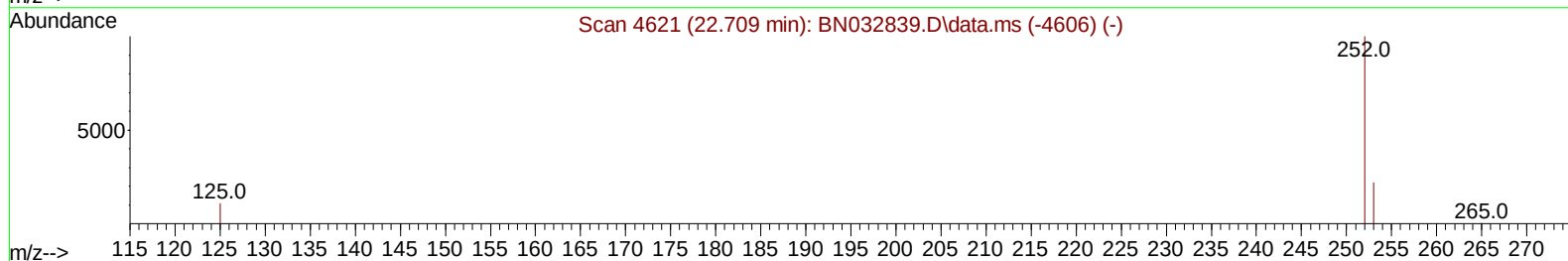
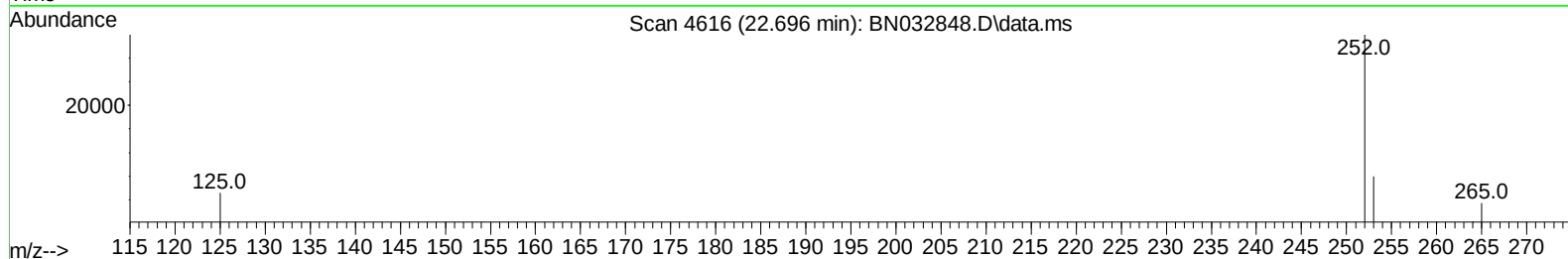
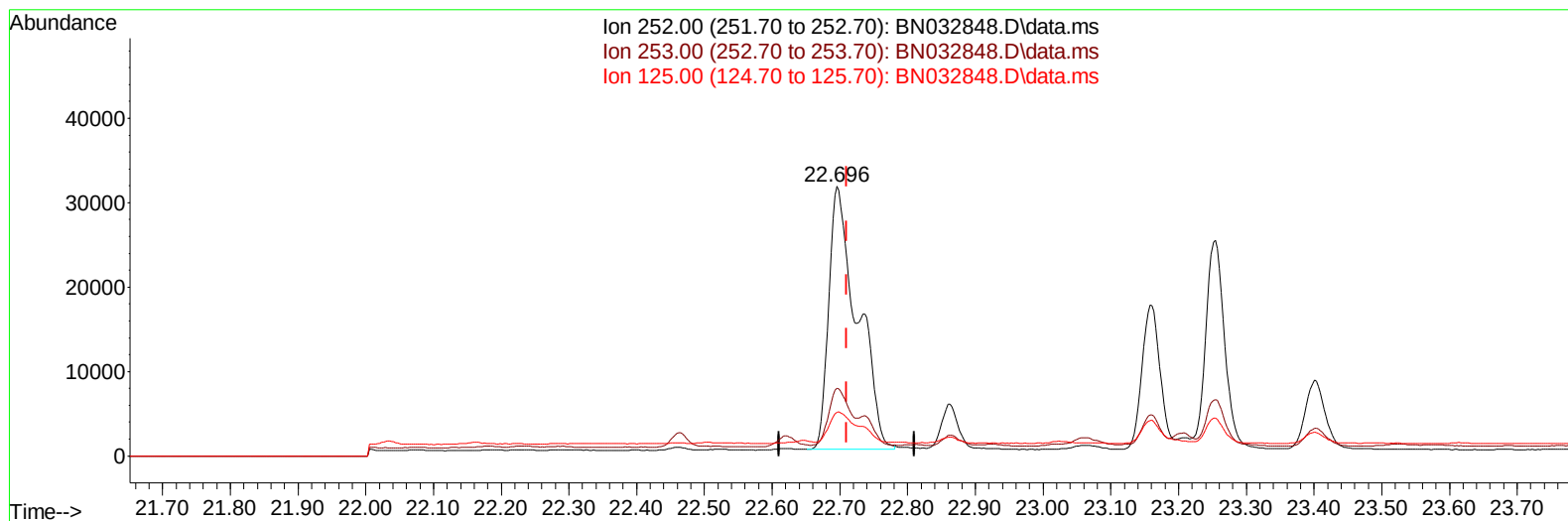
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032848.D
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BT3

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TIC: BN032848.D\data.ms

(24) Benzo(b)fluoranthene

22.696min (-0.015) 2.60 ng/u1

response 91048

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	25.02
125.00	18.00	16.24
0.00	0.00	0.00

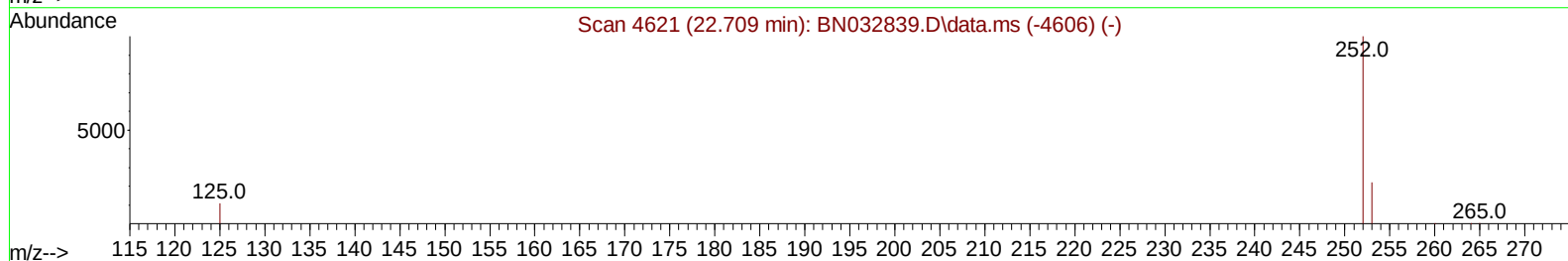
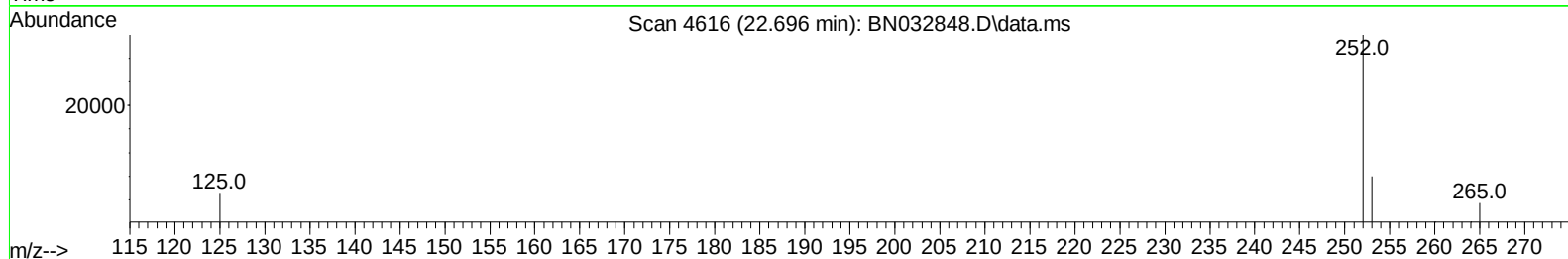
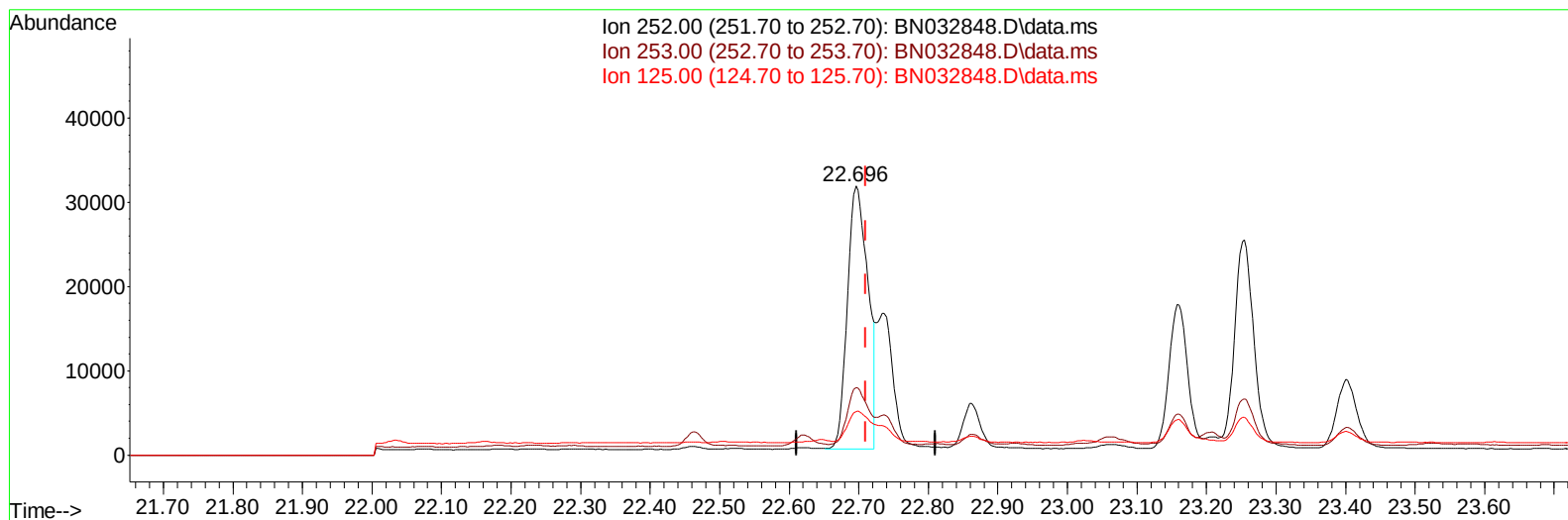
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Data File : BN032848.D
Acq On : 19 Jul 2024 19:25
Operator : MA/JU
Sample : P3178-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BT3

Manual IntegrationsAPPROVED

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TIC: BN032848.D\data.ms

(24) Benzo(b)fluoranthene

22.696min (-0.015) 1.84 ng/ul m

response 64480

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	25.02
125.00	18.00	16.24
0.00	0.00	0.00

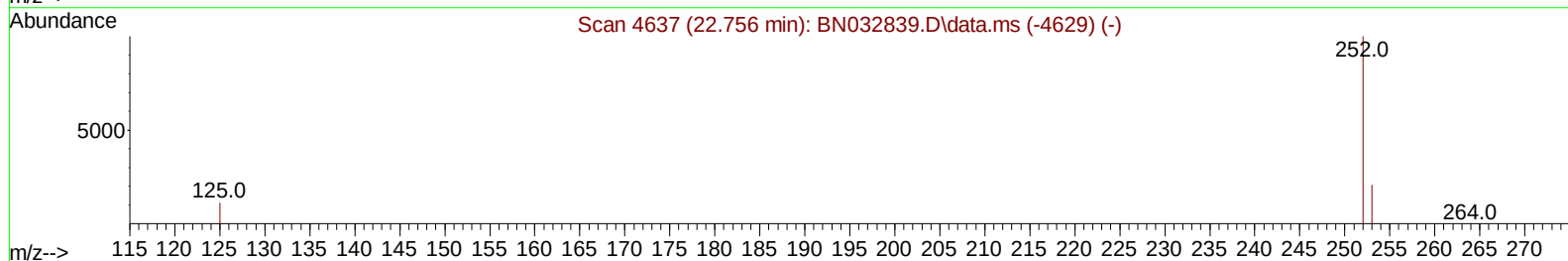
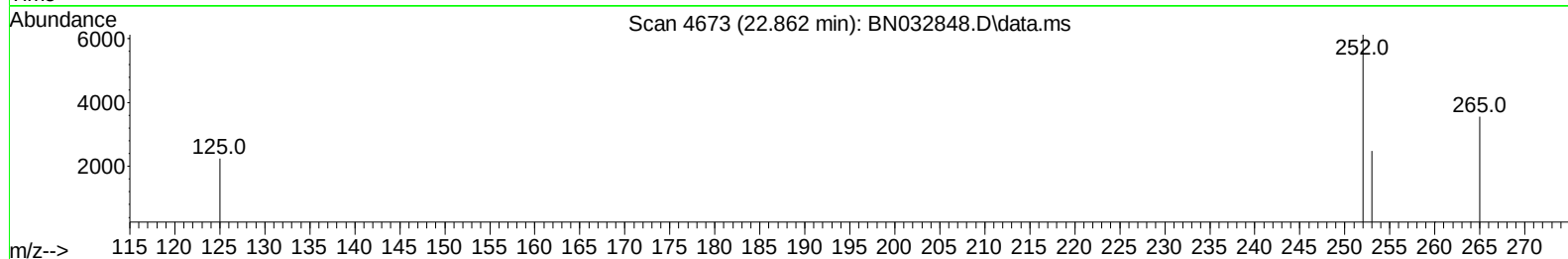
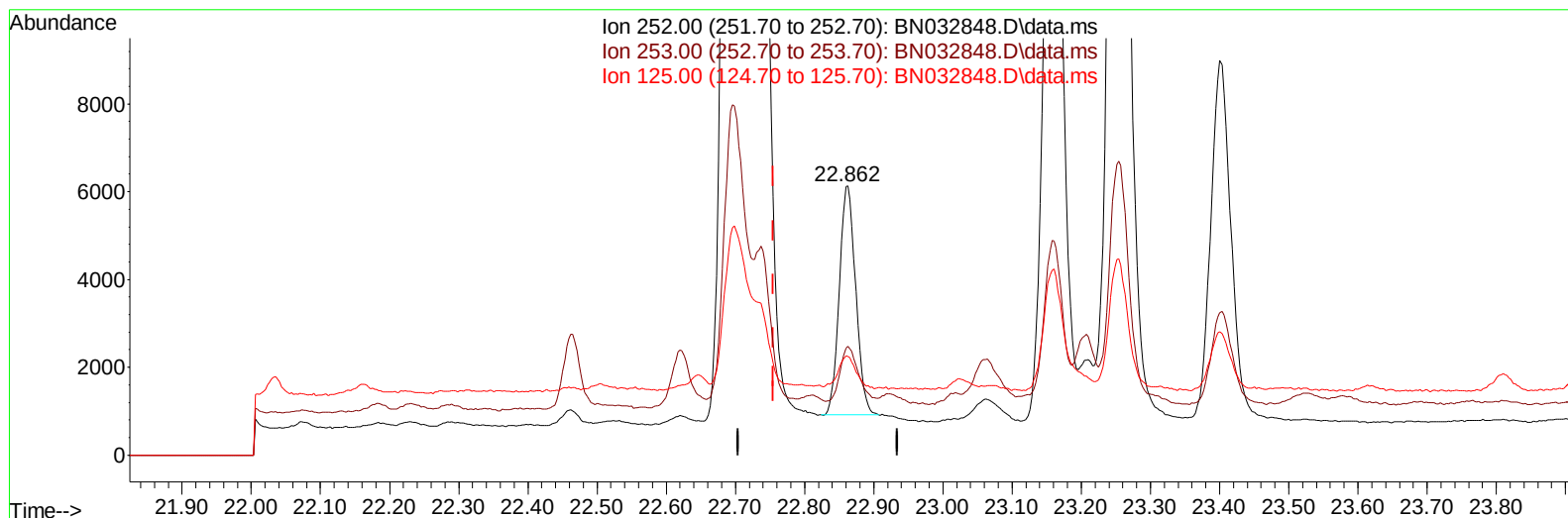
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Sample : P3178-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BT3

Manual IntegrationsAPPROVED

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TIC: BN032848.D\data.ms

(25) Benzo(k)fluoranthene

22.862min (+ 0.108) 0.20 ng/u1

response 8594

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	40.35#
125.00	18.50	36.69#
0.00	0.00	0.00

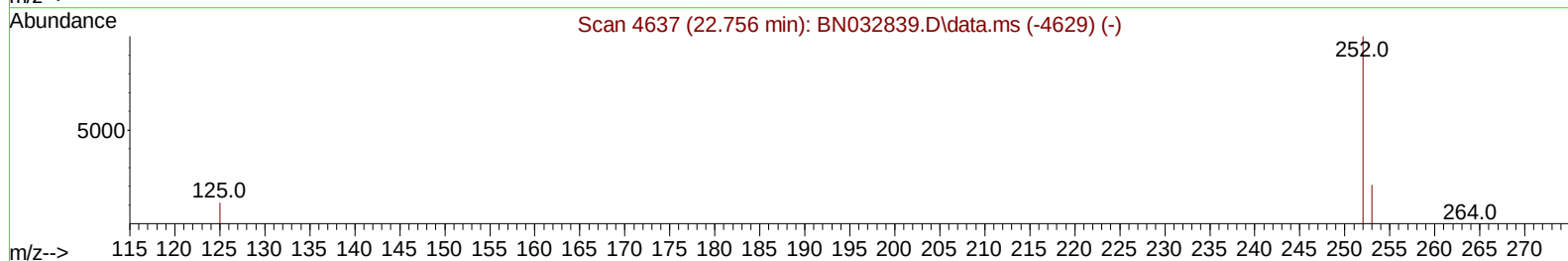
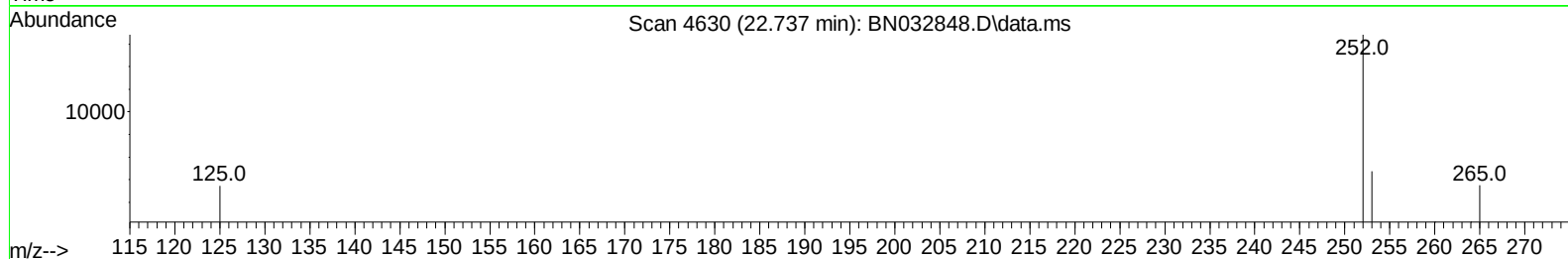
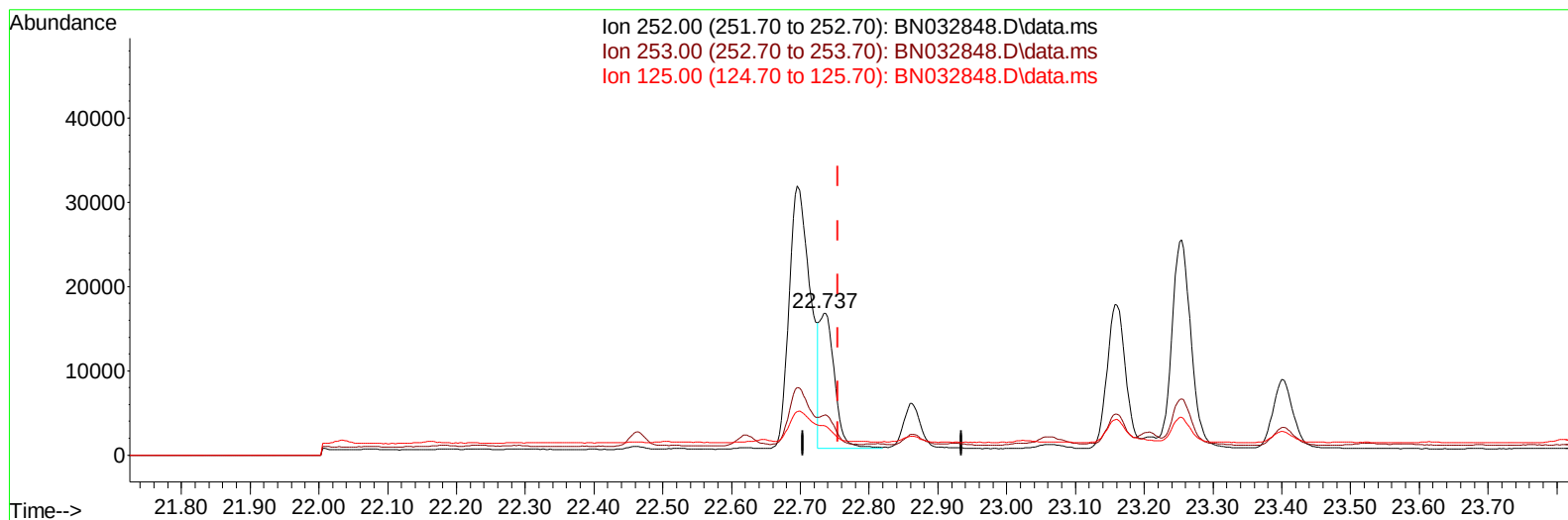
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032848.D
Acq On : 19 Jul 2024 19:25
Operator : MA/JU
Sample : P3178-08
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BT3

Manual IntegrationsAPPROVED

Quant Time: Jul 19 23:20:06 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: BN032848.D\data.ms

(25) Benzo(k)fluoranthene

22.737min (-0.018) 0.57 ng/ul m

response 24524

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	28.26
125.00	18.50	20.57
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	7.532	152	3803	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.299	136	11383	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.184	164	6240	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.940	188	10874m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.159	240	9409m	0.400	ng/ul	-0.01
23) Perylene-d12	23.354	264	9938m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.089	96	12750	2.792	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.905	152	3353	0.195	ng/ul	-0.03
18) Fluoranthene-d10	18.985	212	6105	0.199	ng/ul	-0.02
Target Compounds						
						Qvalue
5) Naphthalene	10.349	128	13182	0.431	ng/ul	98
7) 2-Methylnaphthalene	11.982	142	4257	0.223	ng/ul	97
8) 1-Methylnaphthalene	12.202	142	2674	0.136	ng/ul	99
10) Acenaphthylene	13.901	152	1183	0.047	ng/ul#	71
11) Acenaphthene	14.244	153	14418	0.692	ng/ul	98
12) Fluorene	15.243	166	14842	0.623	ng/ul	98
15) Phenanthrene	16.982	178	144902m	4.893	ng/ul	
16) Anthracene	17.075	178	25905m	1.071	ng/ul	
19) Fluoranthene	19.013	202	144853	3.787	ng/ul	99
20) Pyrene	19.380	202	114811	2.899	ng/ul	98
21) Benzo(a)anthracene	21.144	228	58888	1.966	ng/ul	99
22) Chrysene	21.197	228	48938	1.130	ng/ul	97
24) Benzo(b)fluoranthene	22.696	252	64480m	1.839	ng/ul	
25) Benzo(k)fluoranthene	22.737	252	24524m	0.574	ng/ul	
26) Benzo(a)pyrene	23.254	252	47714	1.572	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	25.562	276	32679	0.795	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.556	278	7895	0.248	ng/ul#	65
29) Benzo(g,h,i)perylene	26.243	276	31294	0.911	ng/ul	97

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

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