

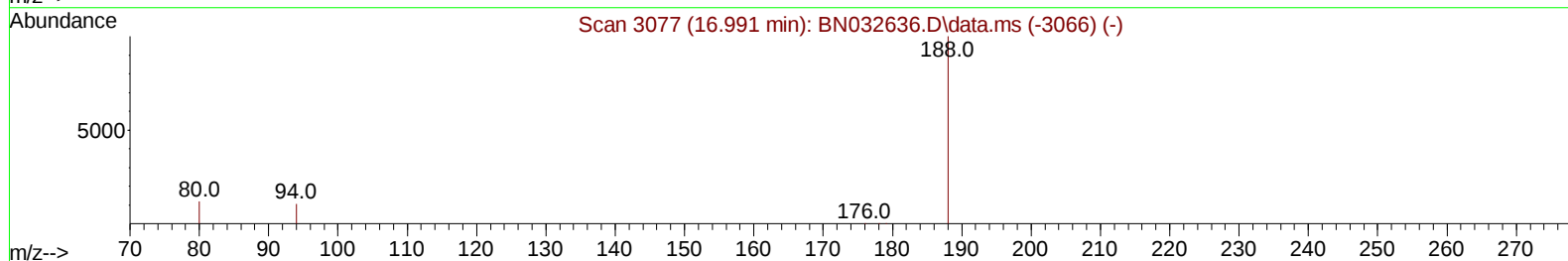
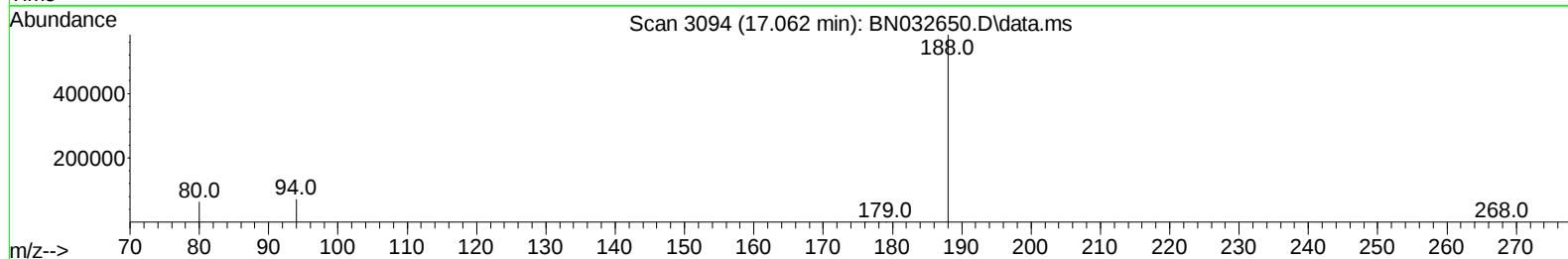
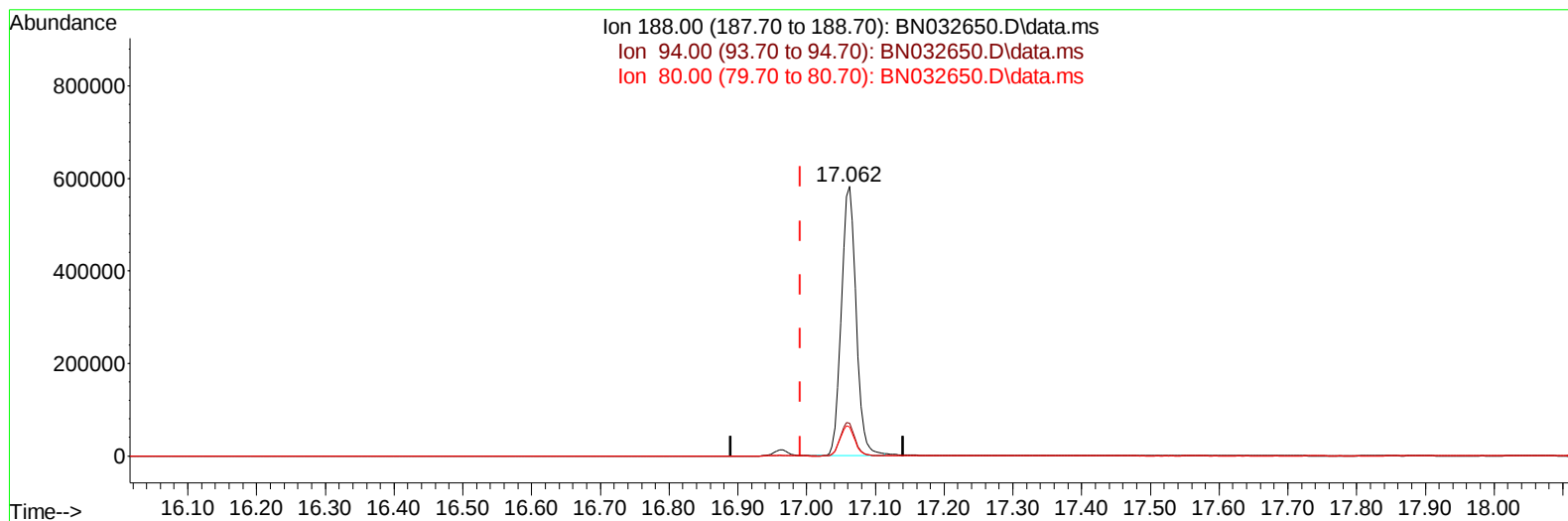
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032650.D
Acq On : 11 Jul 2024 23:46
Operator : MA/JU
Sample : P3035-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX4

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:57:10 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 : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032650.D\data.ms

(13) Phenanthrene-d10 (I)

17.062min (+ 0.072) 0.40 ng/u1

response 872230

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.00	12.09
80.00	12.00	10.80
0.00	0.00	0.00

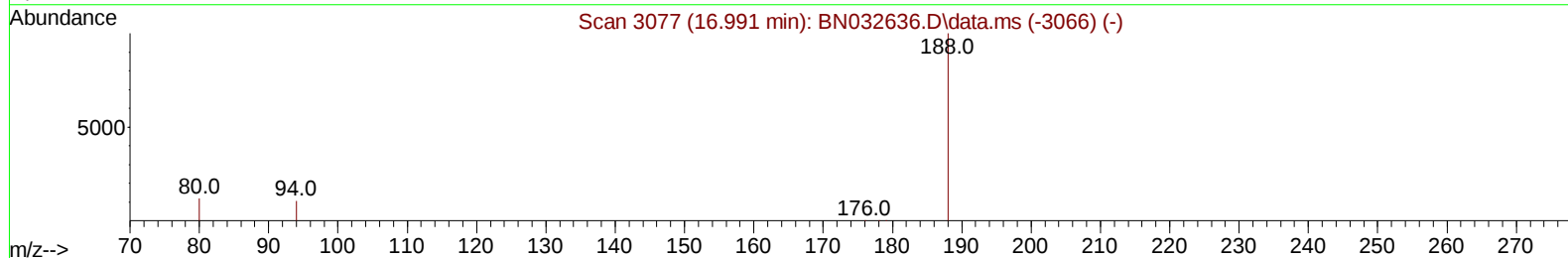
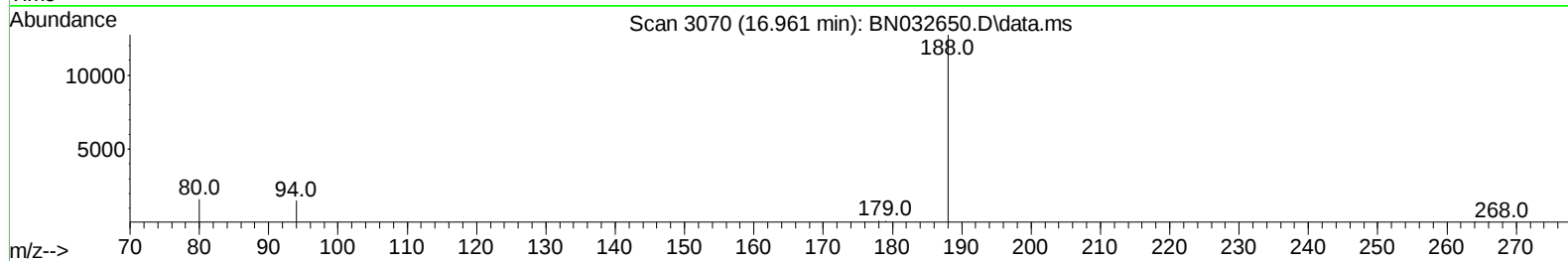
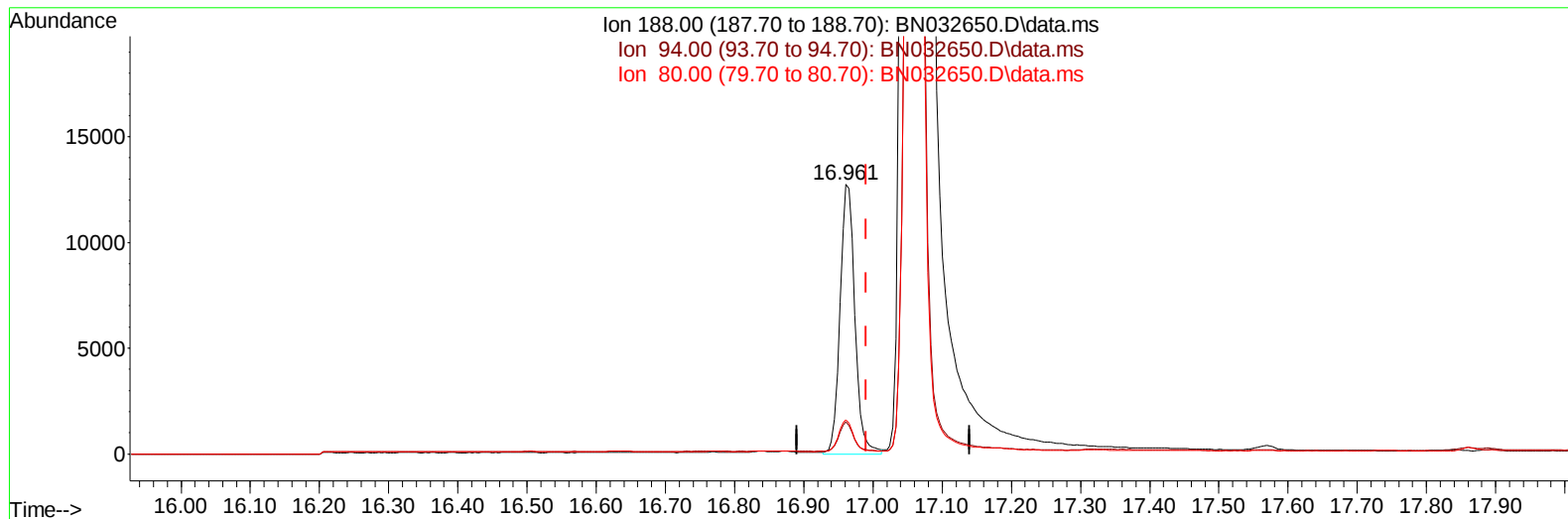
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032650.D
Acq On : 11 Jul 2024 23:46
Operator : MA/JU
Sample : P3035-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX4

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:57:10 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 : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032650.D\data.ms

(13) Phenanthrene-d10 (I)

16.961min (-0.030) 0.40 ng/ul m

response 18947

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.00	11.85
80.00	12.00	12.70
0.00	0.00	0.00

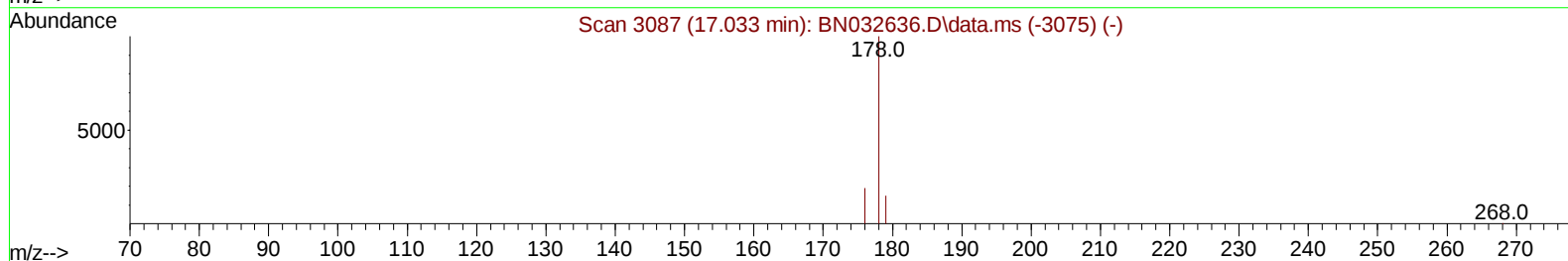
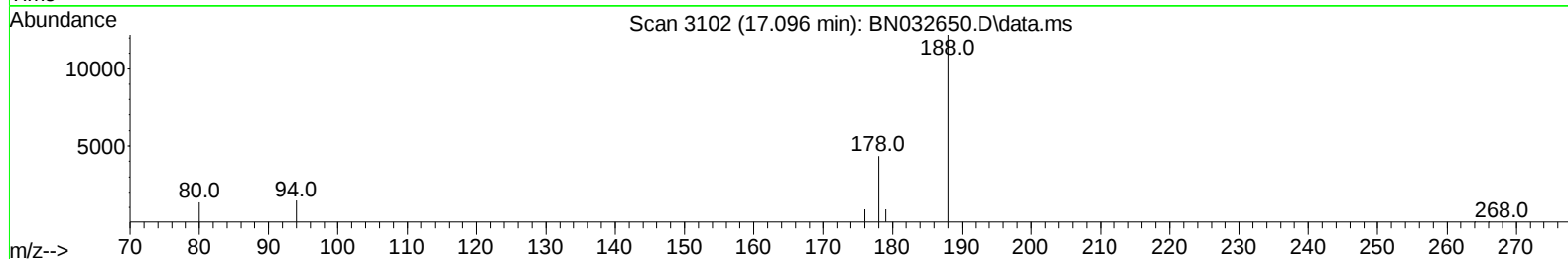
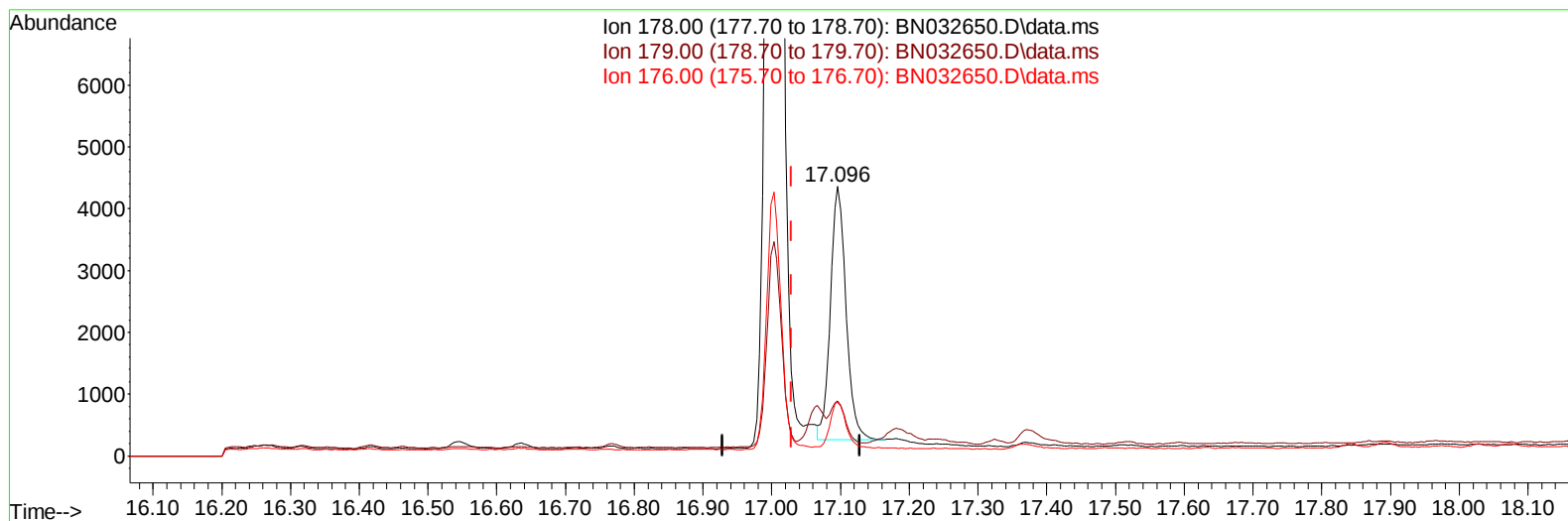
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032650.D
Acq On : 11 Jul 2024 23:46
Operator : MA/JU
Sample : P3035-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX4

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:57:10 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 : Fri Jul 12 01:40:24 2024
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Reviewed By :Jagrut Upadhyay 07/12/2024
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TIC: BN032650.D\data.ms

(15) Phenanthrene

17.096min (+ 0.067) 0.12 ng/u1

response 6430

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	20.37#
176.00	19.50	20.05
0.00	0.00	0.00

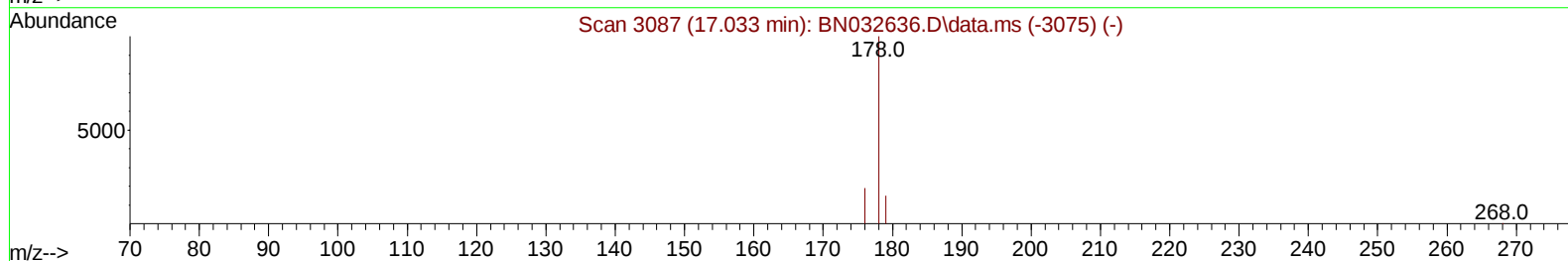
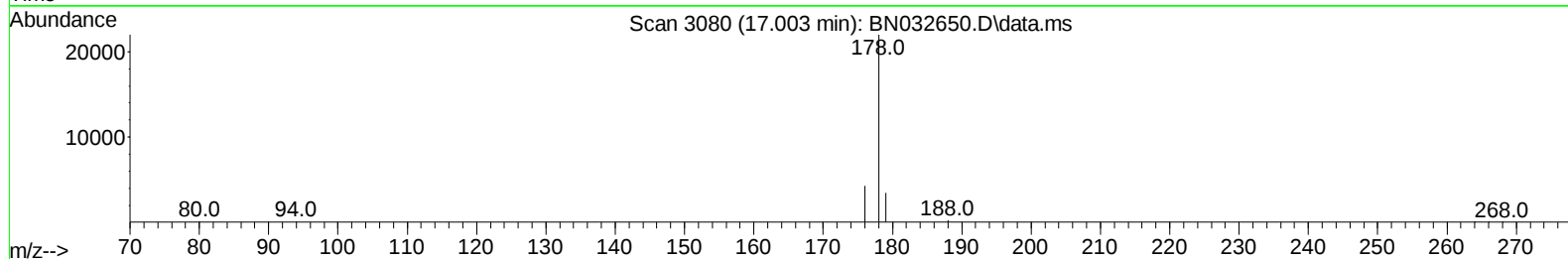
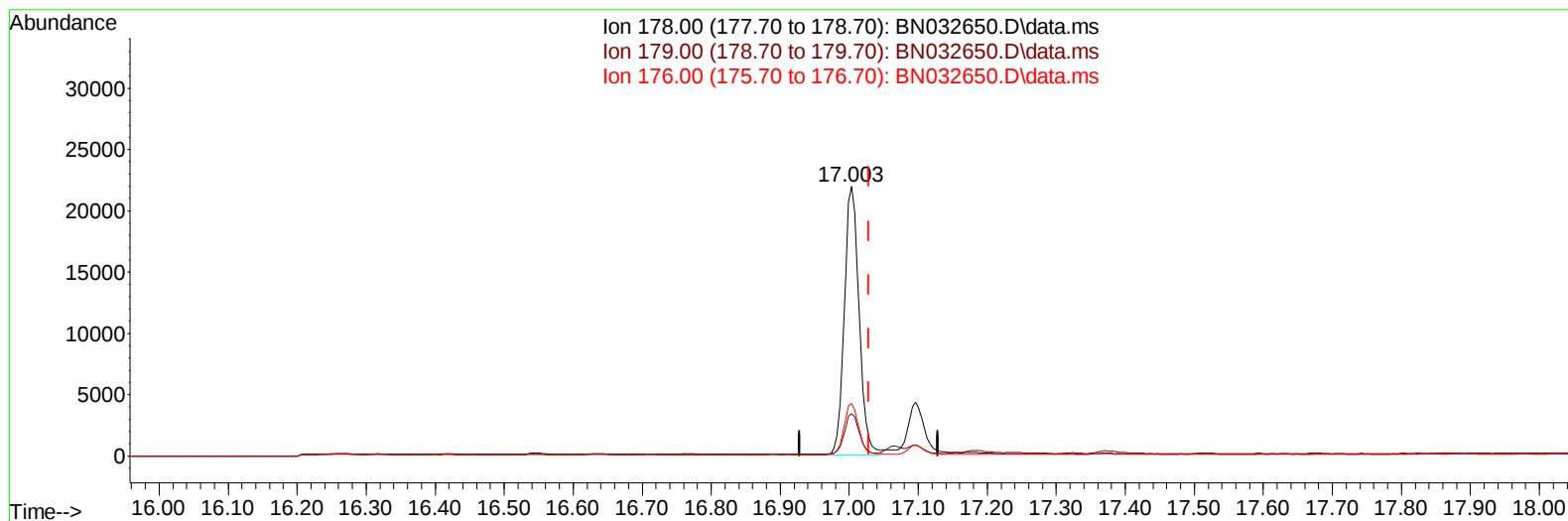
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032650.D
Acq On : 11 Jul 2024 23:46
Operator : MA/JU
Sample : P3035-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX4

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024

Quant Time: Jul 12 01:57:10 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 : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration



TIC: BN032650.D\data.ms

(15) Phenanthrene

17.003min (-0.025) 0.63 ng/ul m

response 32436

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	15.76
176.00	19.50	19.44
0.00	0.00	0.00

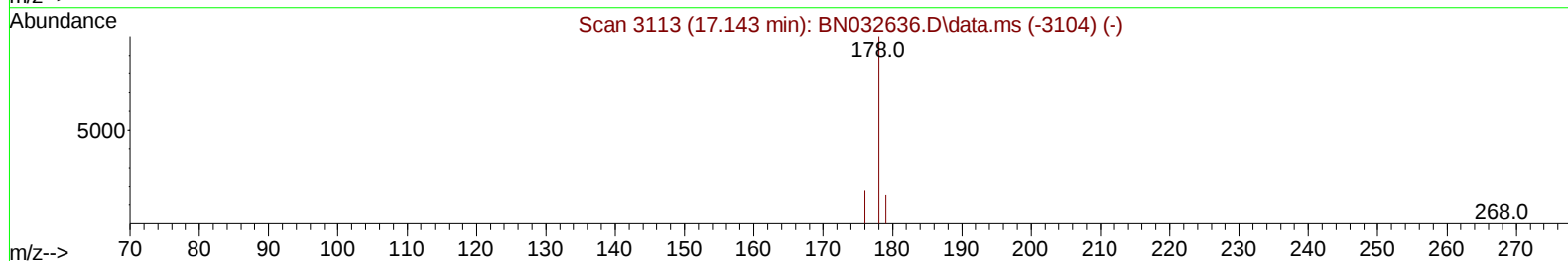
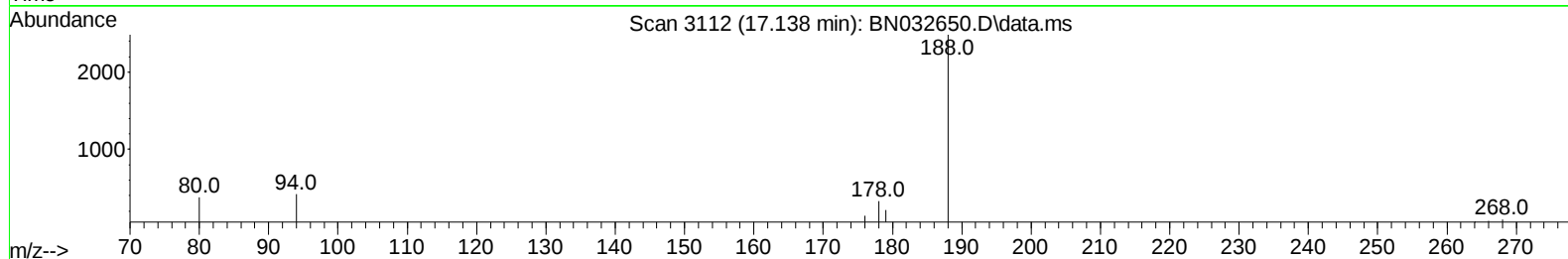
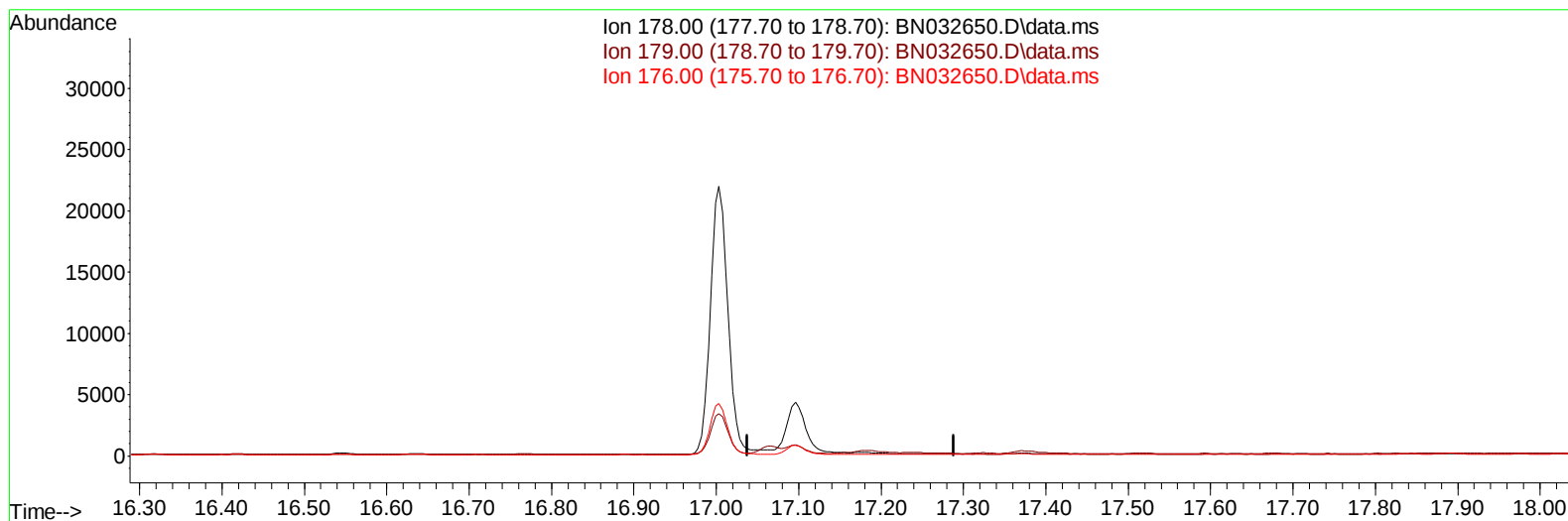
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032650.D
Acq On : 11 Jul 2024 23:46
Operator : MA/JU
Sample : P3035-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX4

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:57:10 2024
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QLast Update : Fri Jul 12 01:40:24 2024
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TIC: BN032650.D\data.ms

(16) Anthracene

17.138min (-17.138) 0.00 ng/u1

response 0

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

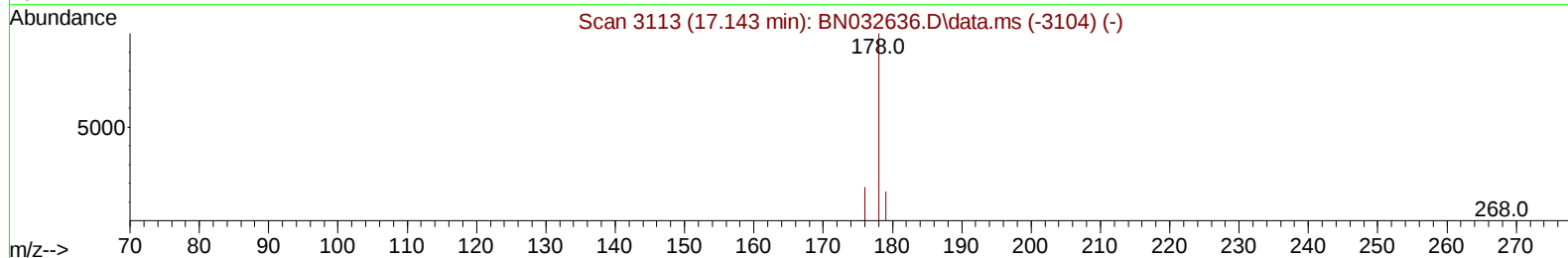
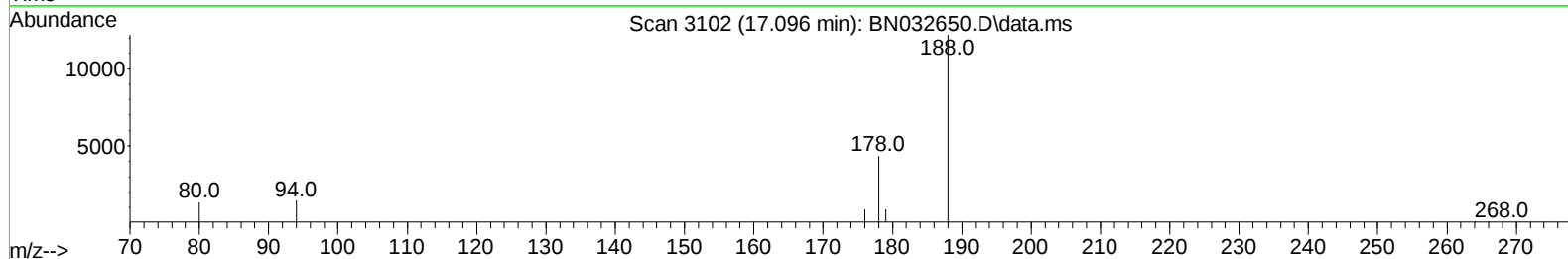
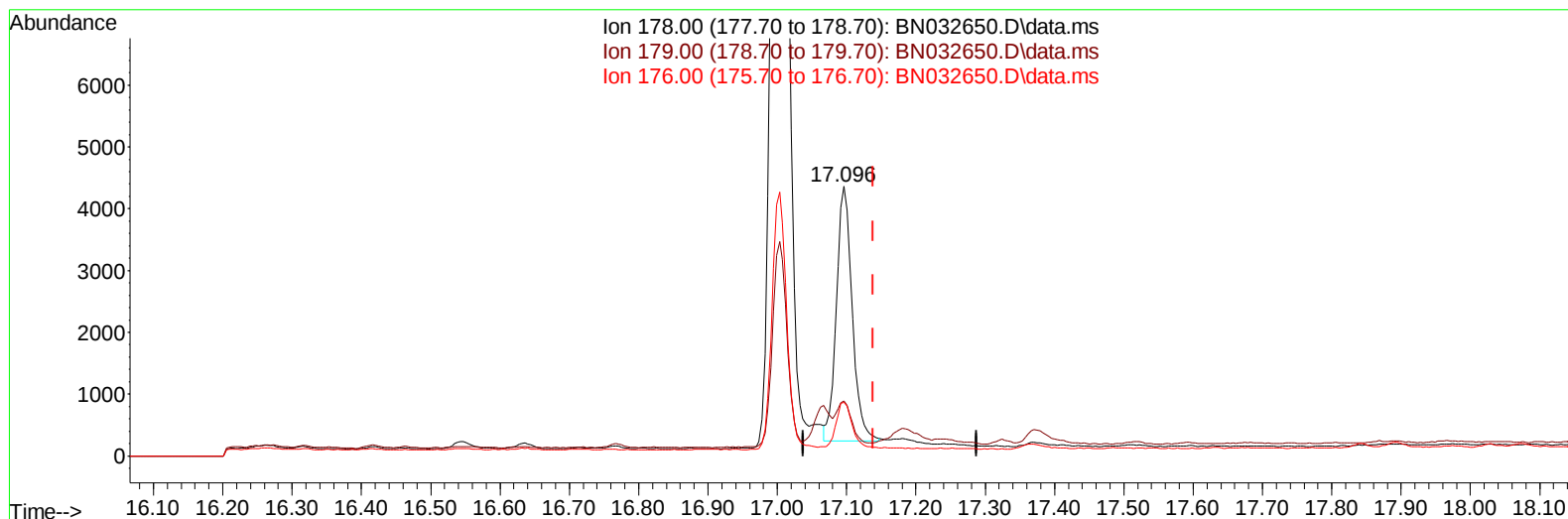
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032650.D
Acq On : 11 Jul 2024 23:46
Operator : MA/JU
Sample : P3035-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX4

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:57:10 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 : Fri Jul 12 01:40:24 2024
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Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024



TIC: BN032650.D\data.ms

(16) Anthracene

17.096min (-0.042) 0.16 ng/ul m

response 6539

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.80	20.37#
176.00	19.20	20.05
0.00	0.00	0.00

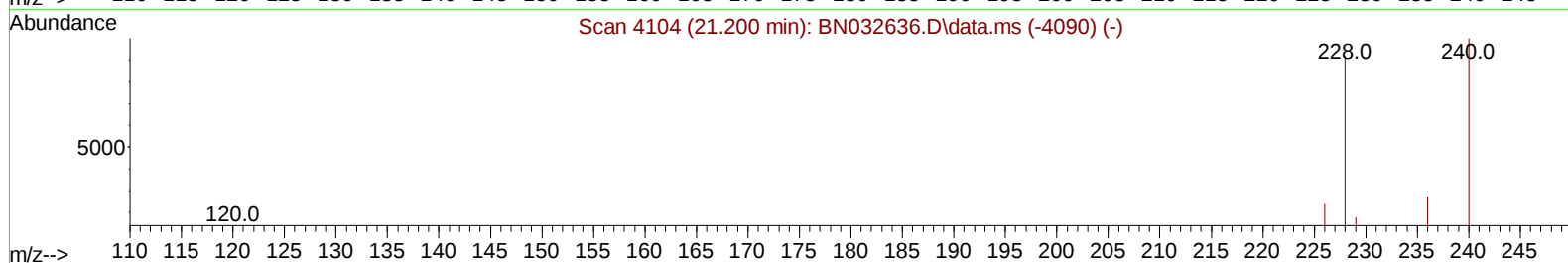
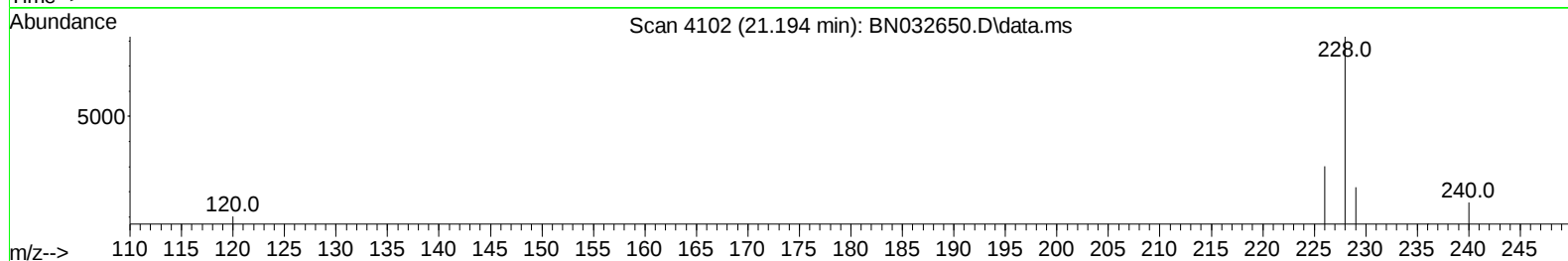
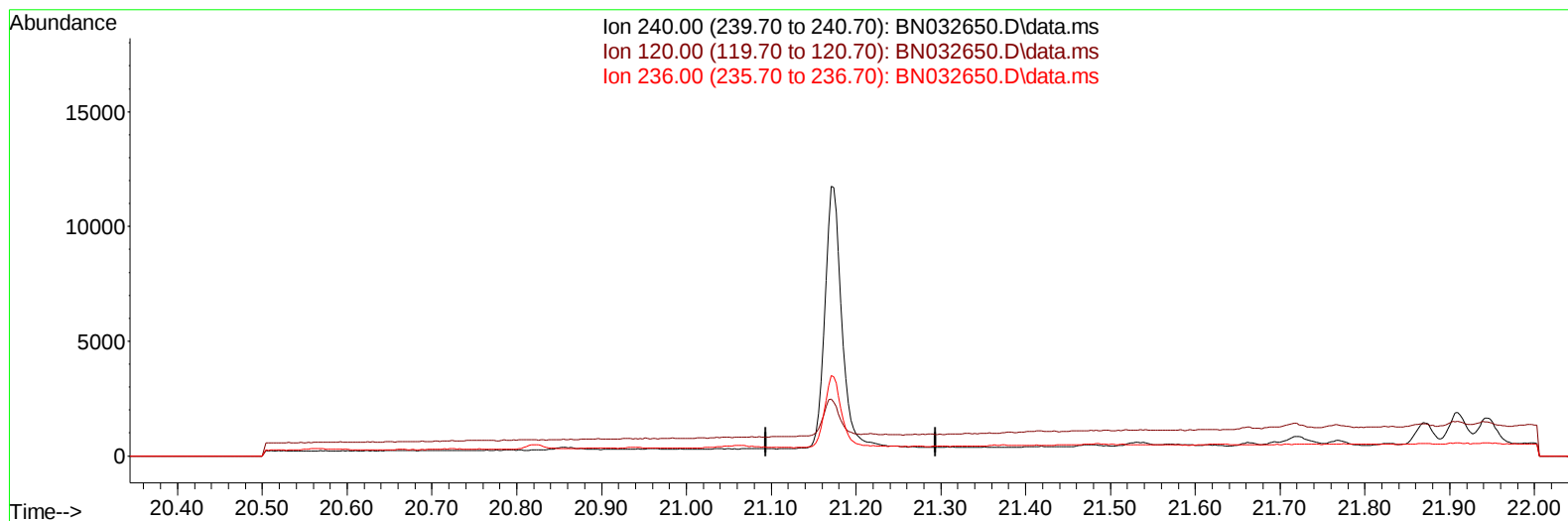
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032650.D
Acq On : 11 Jul 2024 23:46
Operator : MA/JU
Sample : P3035-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX4

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024

Quant Time: Jul 12 01:57:10 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 : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration



TIC: BN032650.D\data.ms

(17) Chrysene-d12

21.194min (-21.194) 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

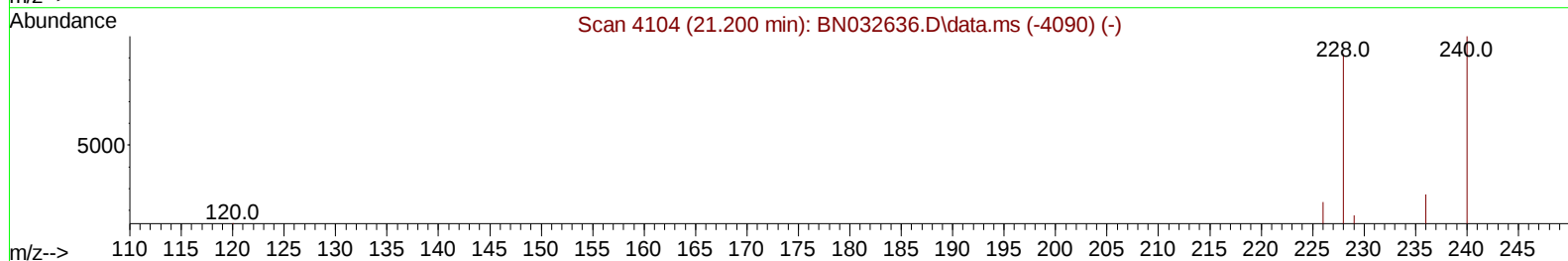
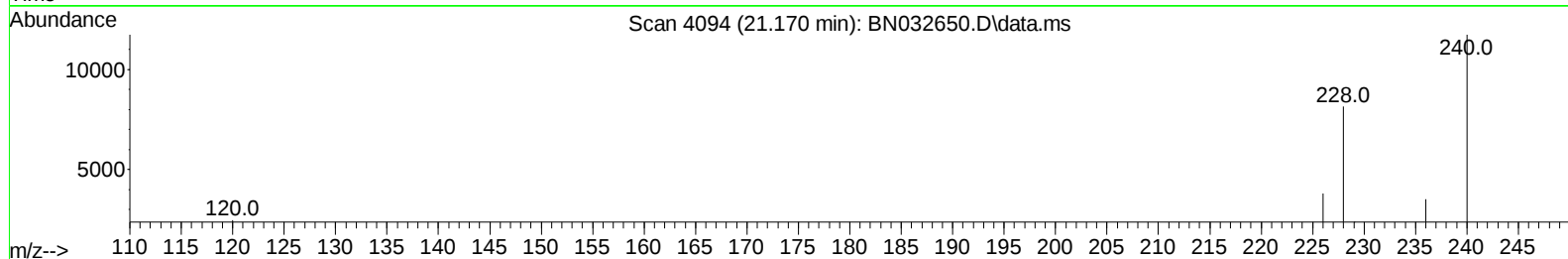
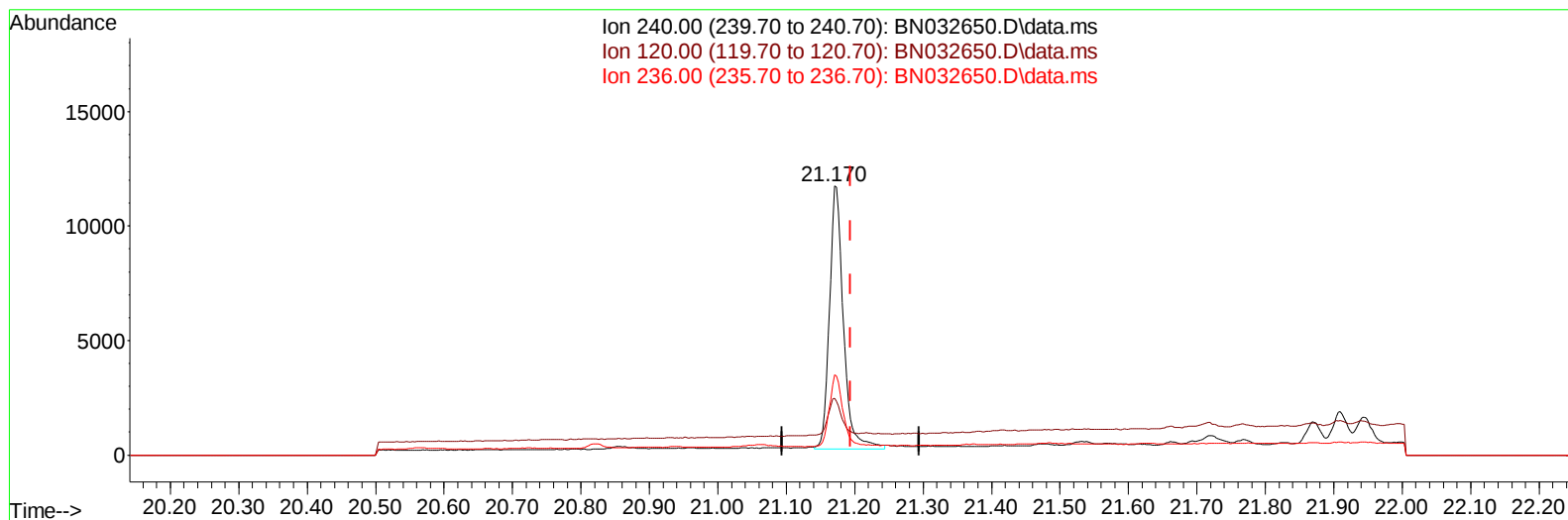
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032650.D
Acq On : 11 Jul 2024 23:46
Operator : MA/JU
Sample : P3035-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX4

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024

Quant Time: Jul 12 01:57:10 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 : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration



TIC: BN032650.D\data.ms

(17) Chrysene-d12

21.170min (-0.023) 0.40 ng/u1 m

response 16355

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	18.00	21.09
236.00	28.40	29.85
0.00	0.00	0.00

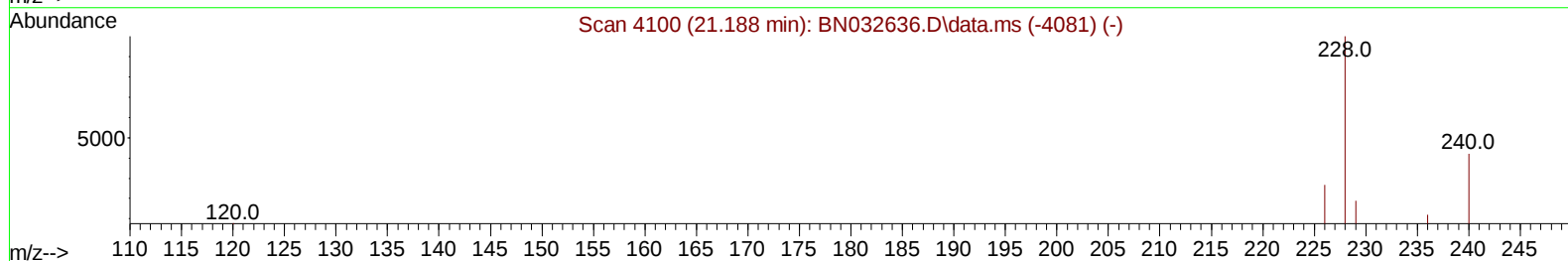
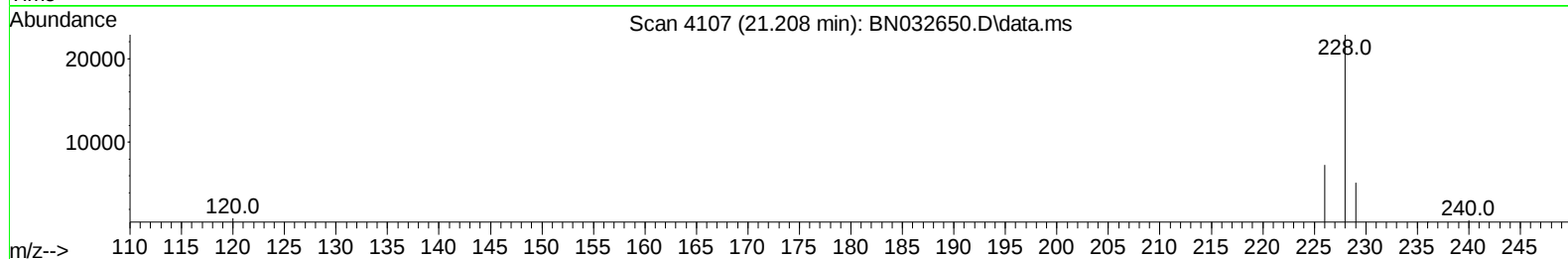
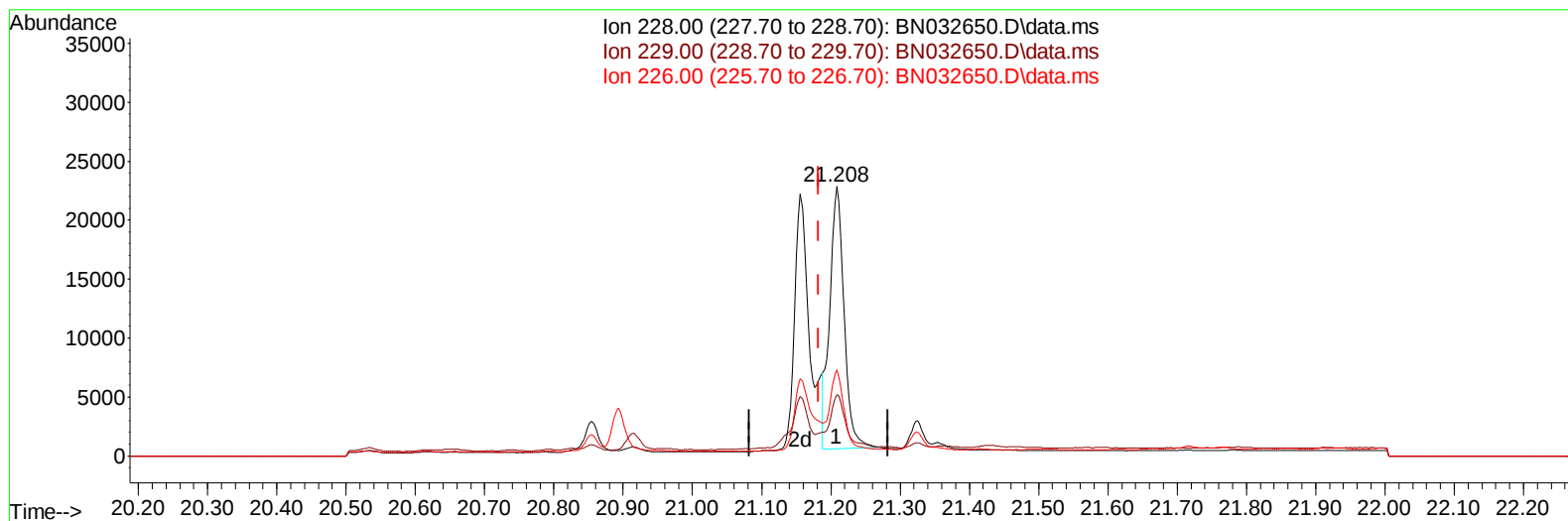
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032650.D
Acq On : 11 Jul 2024 23:46
Operator : MA/JU
Sample : P3035-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX4

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:57:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
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TIC: BN032650.D\data.ms

(21) Benzo(a)anthracene

21.208min (+ 0.026) 0.61 ng/u1

response 31764

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.10	22.76
226.00	27.40	31.89
0.00	0.00	0.00

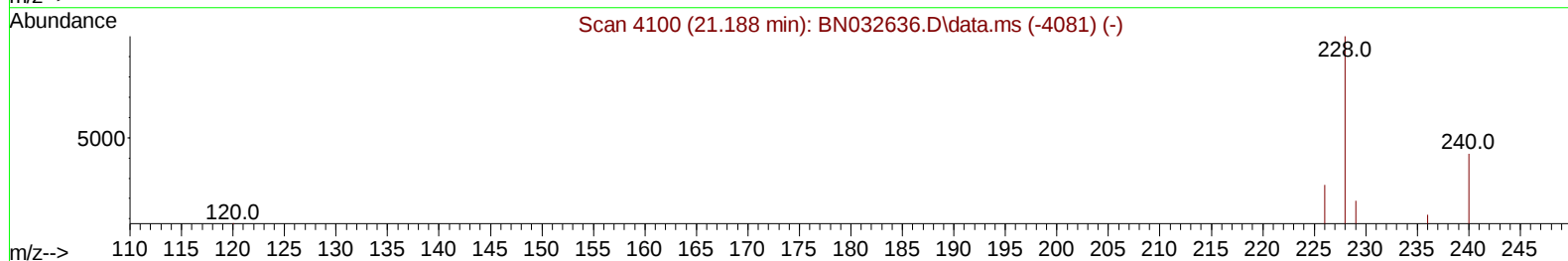
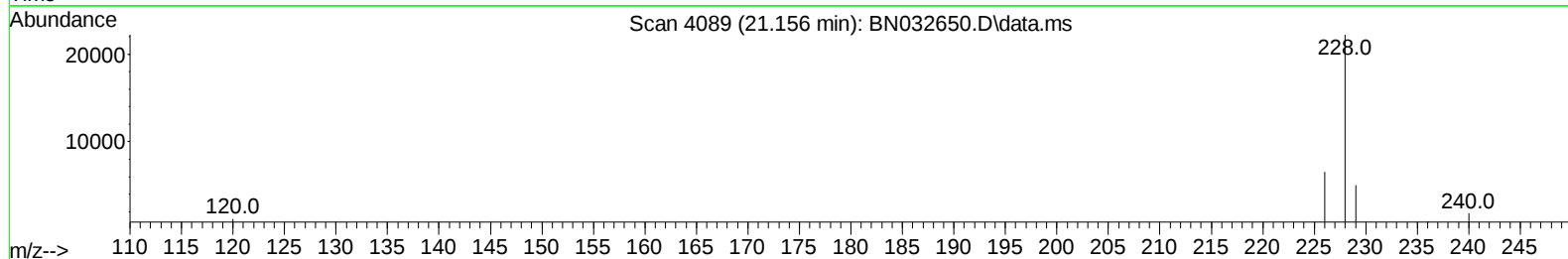
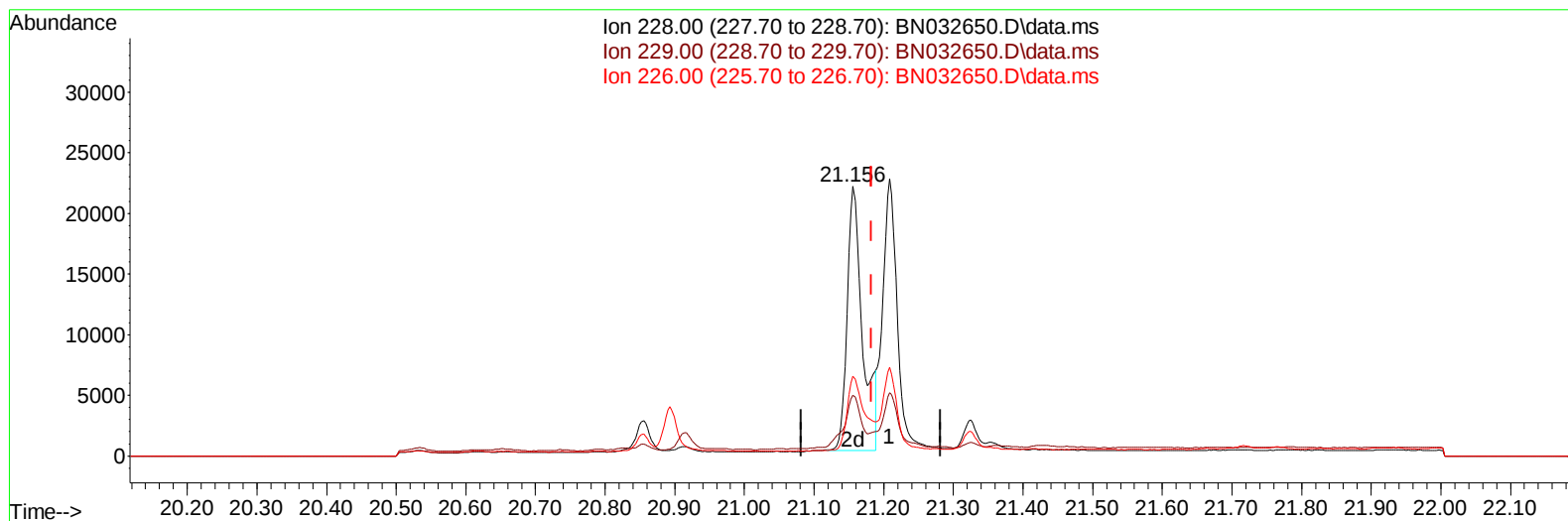
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032650.D
Acq On : 11 Jul 2024 23:46
Operator : MA/JU
Sample : P3035-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX4

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:57:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
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TIC: BN032650.D\data.ms

(21) Benzo(a)anthracene

21.156min (-0.026) 0.64 ng/ul m

response 33204

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	20.10	22.65
226.00	27.40	29.49
0.00	0.00	0.00

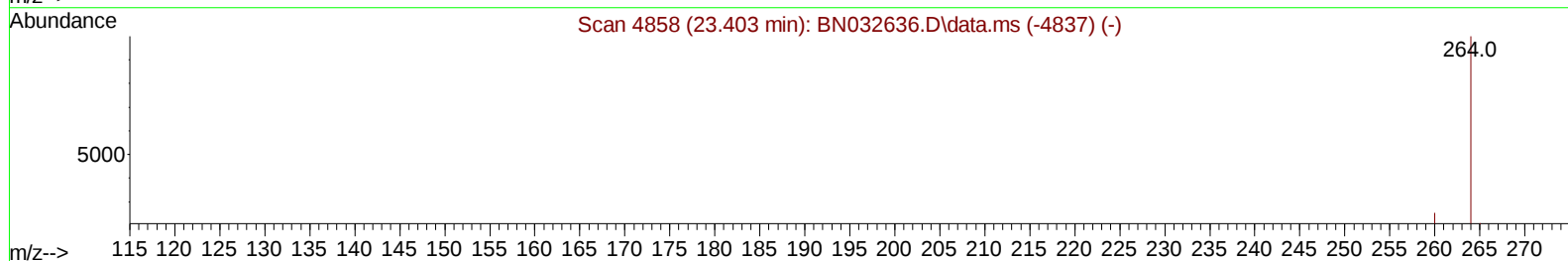
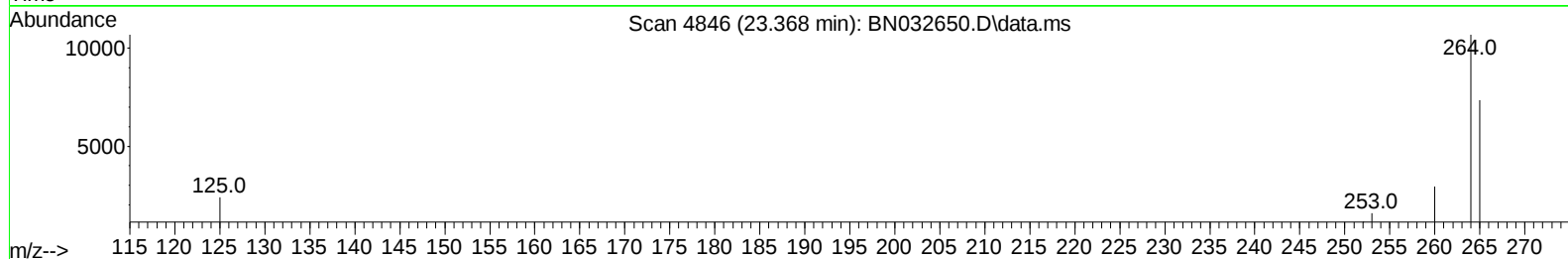
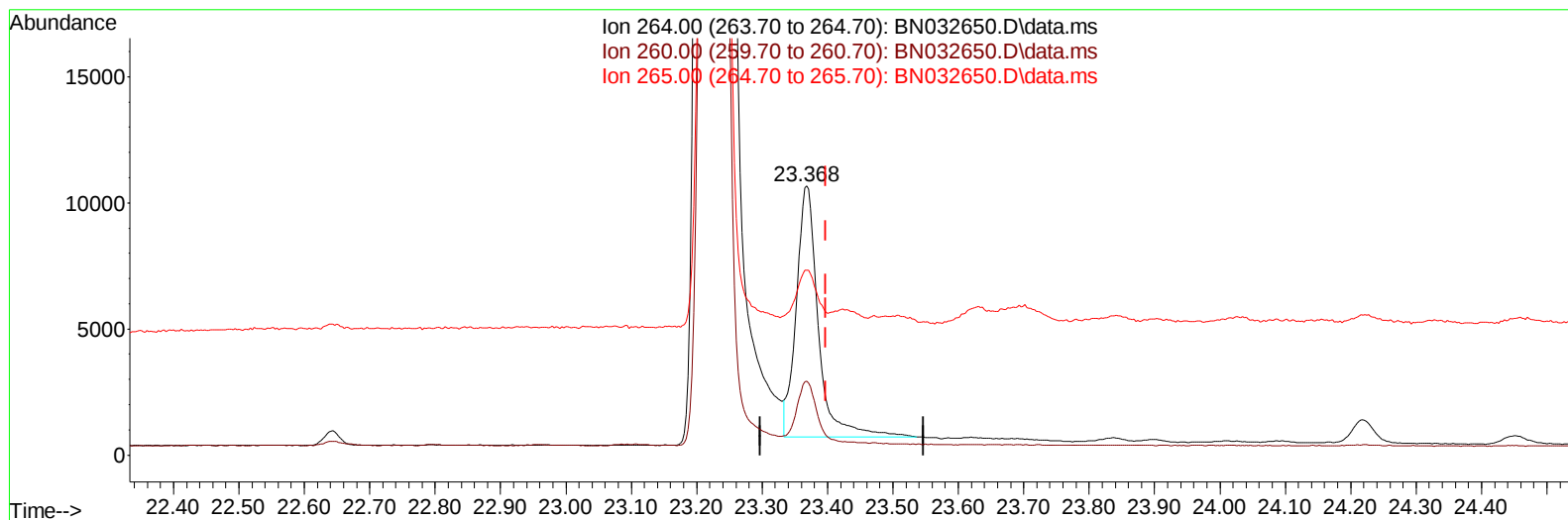
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032650.D
Acq On : 11 Jul 2024 23:46
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Sample : P3035-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX4

Manual IntegrationsAPPROVED

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TIC: BN032650.D\data.ms

(23) Perylene-d12 (I)

23.368min (-0.029) 0.40 ng/u1

response 23355

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.10	27.52
265.00	95.50	68.84#
0.00	0.00	0.00

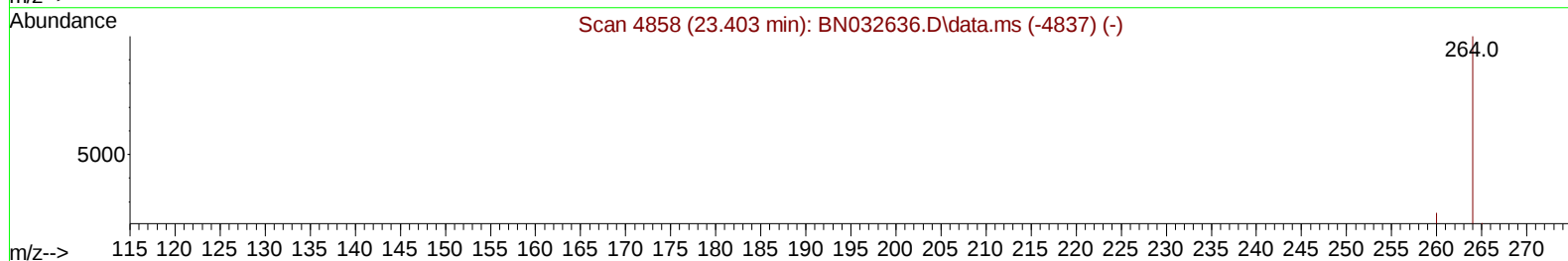
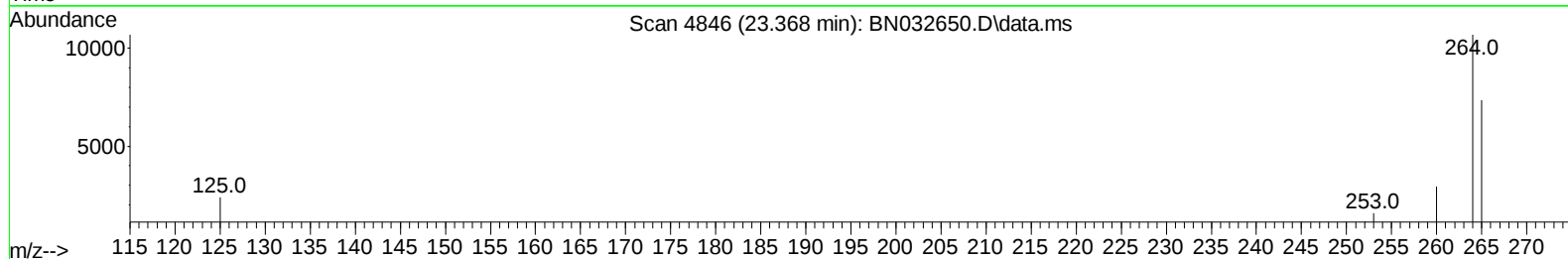
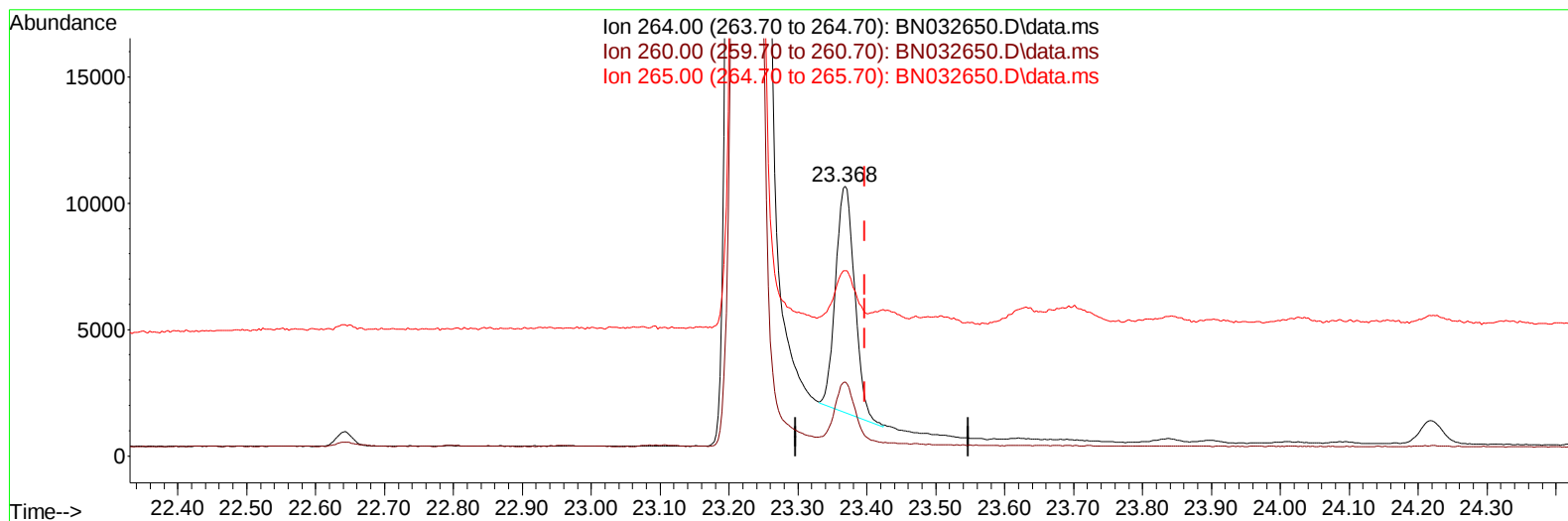
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032650.D
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 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
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Manual IntegrationsAPPROVED

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TIC: BN032650.D\data.ms

(23) Perylene-d12 (I)

23.368min (-0.029) 0.40 ng/ul m

response 17269

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.10	27.52
265.00	95.50	68.84#
0.00	0.00	0.00

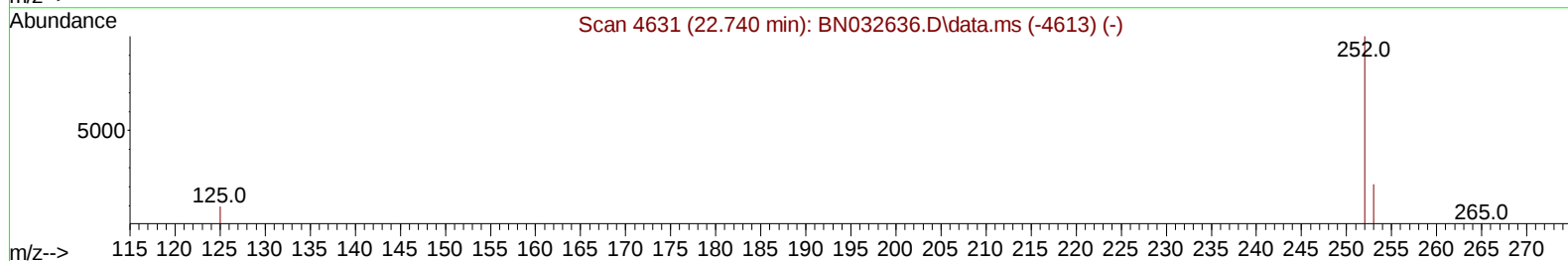
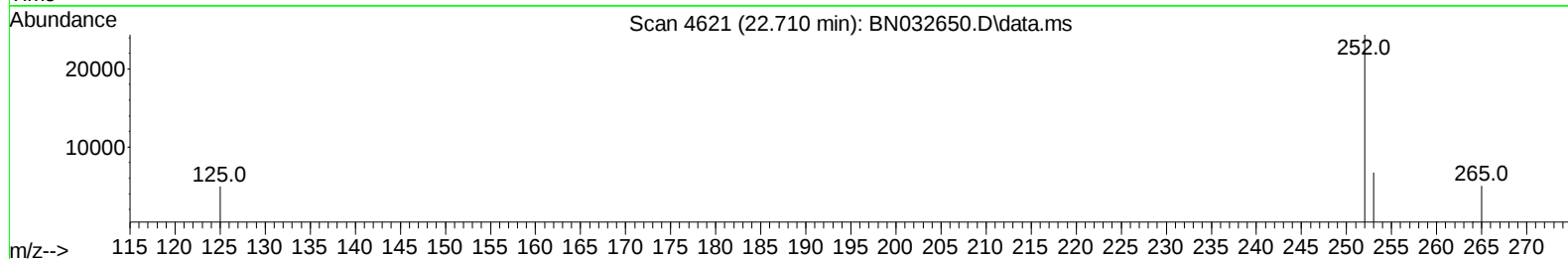
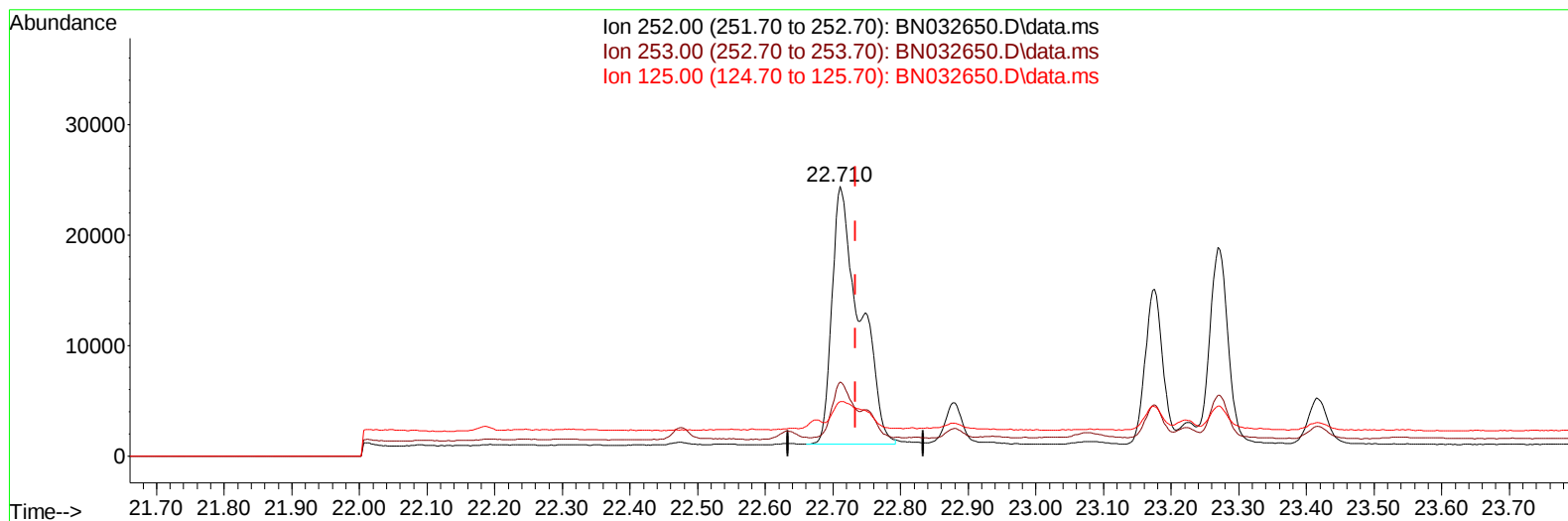
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032650.D
Acq On : 11 Jul 2024 23:46
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Sample : P3035-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX4

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 01:40:24 2024
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TIC: BN032650.D\data.ms

(24) Benzo(b)fluoranthene

22.710min (-0.023) 1.09 ng/u1

response 66674

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	27.53
125.00	18.00	20.26
0.00	0.00	0.00

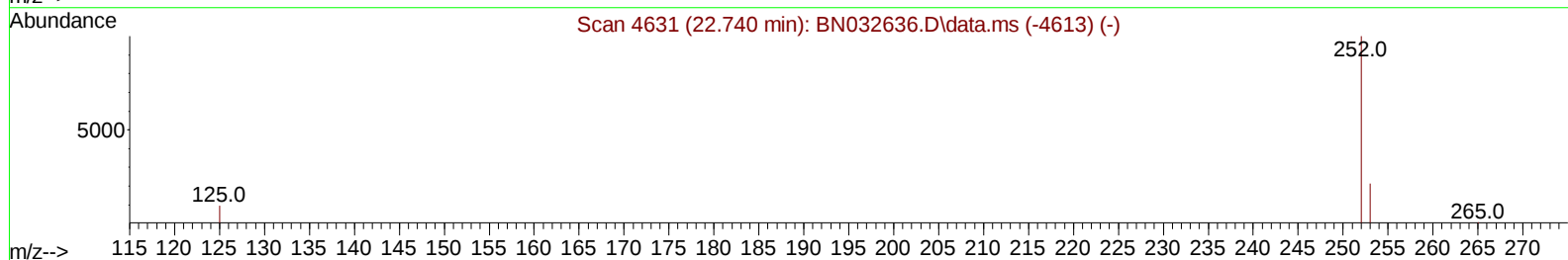
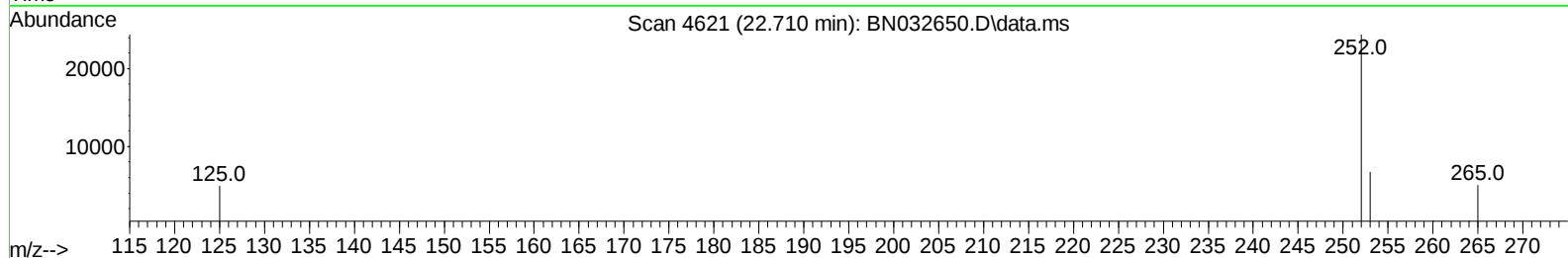
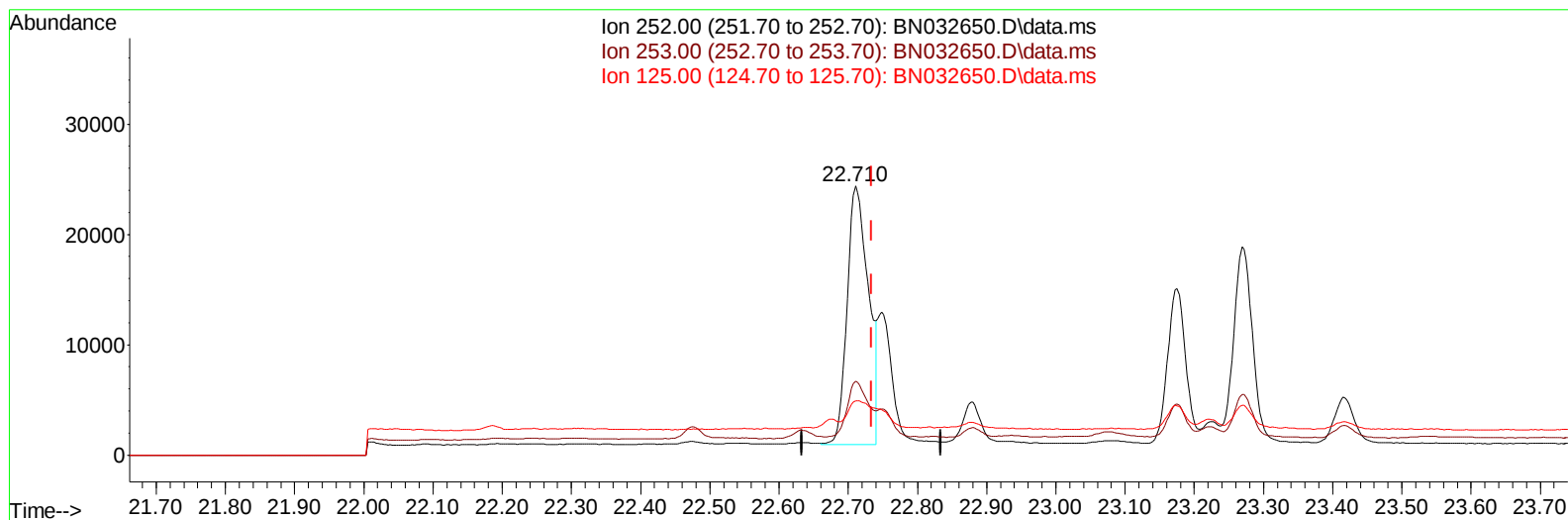
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032650.D
Acq On : 11 Jul 2024 23:46
Operator : MA/JU
Sample : P3035-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX4

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024

Quant Time: Jul 12 01:57:10 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 : Fri Jul 12 01:40:24 2024
Response via : Initial Calibration



TIC: BN032650.D\data.ms

(24) Benzo(b)fluoranthene

22.710min (-0.023) 0.82 ng/u1 m

response 50010

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	27.53
125.00	18.00	20.26
0.00	0.00	0.00

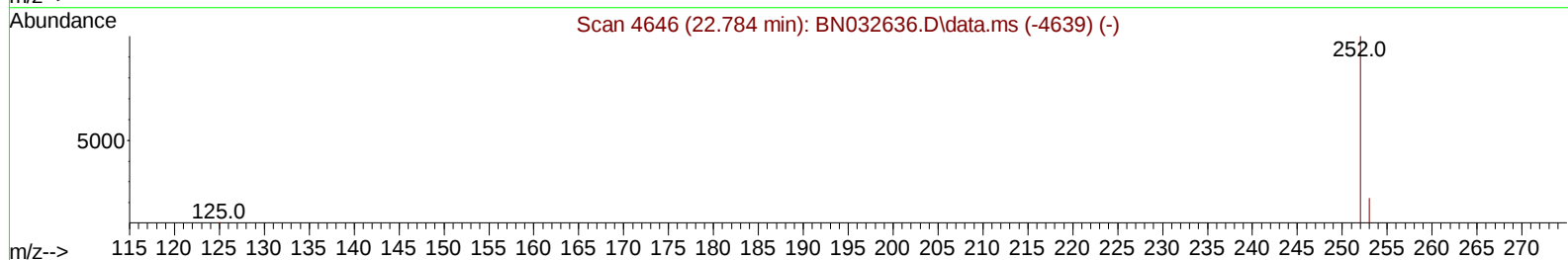
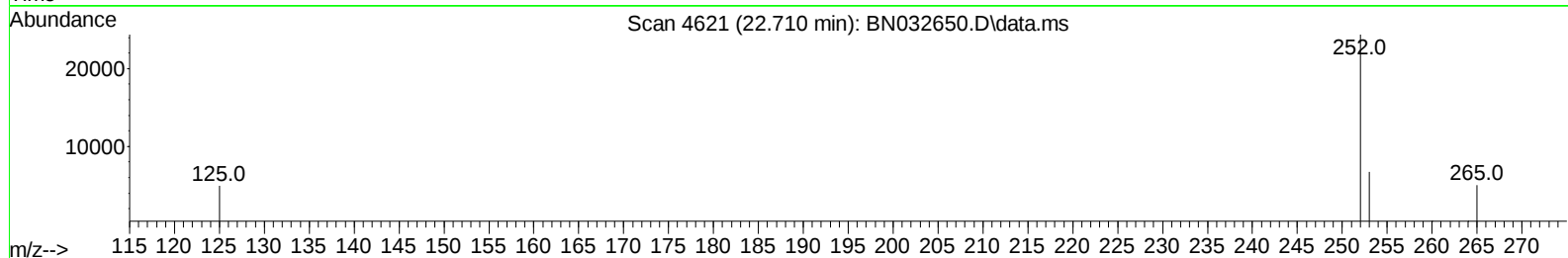
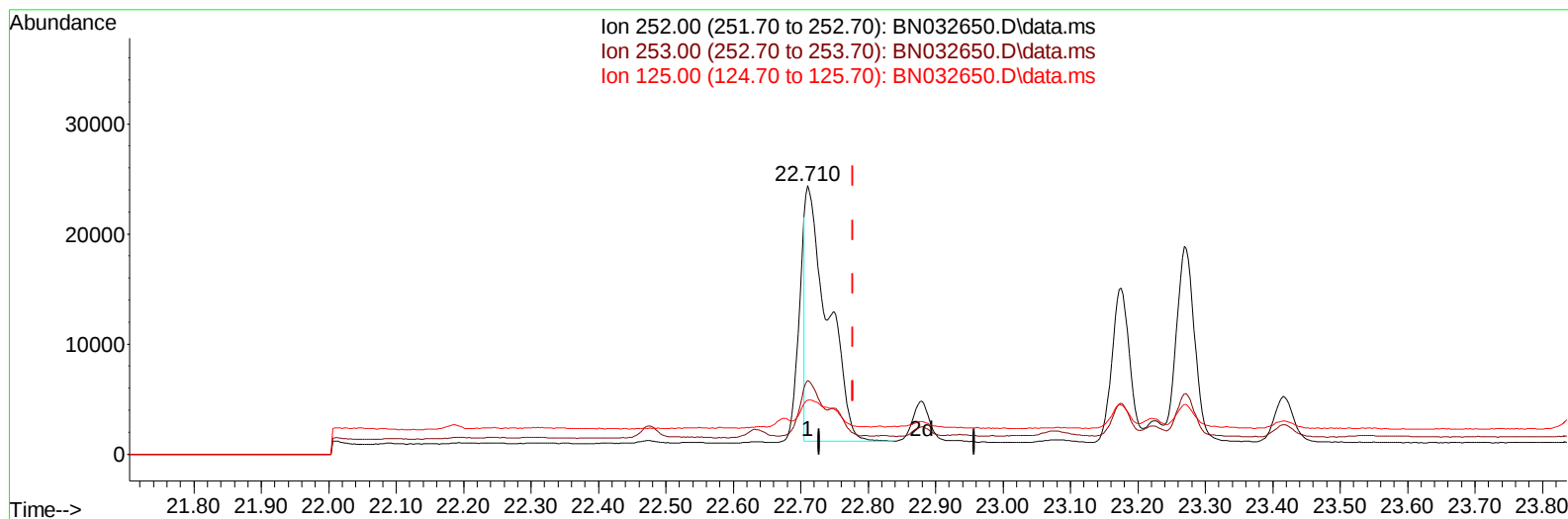
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032650.D
Acq On : 11 Jul 2024 23:46
Operator : MA/JU
Sample : P3035-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX4

Manual IntegrationsAPPROVED

Quant Time: Jul 12 01:57:10 2024
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TIC: BN032650.D\data.ms

(25) Benzo(k)fluoranthene

22.710min (-0.067) 0.71 ng/u1

response 52751

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	27.53
125.00	18.50	20.26
0.00	0.00	0.00

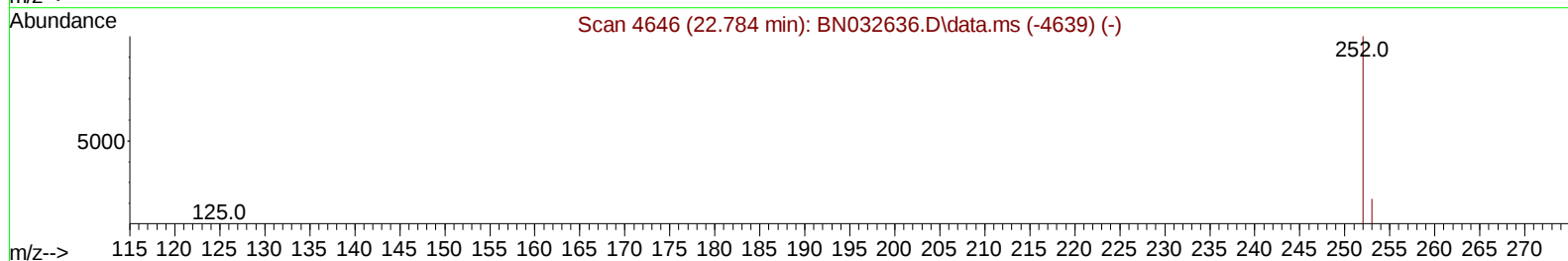
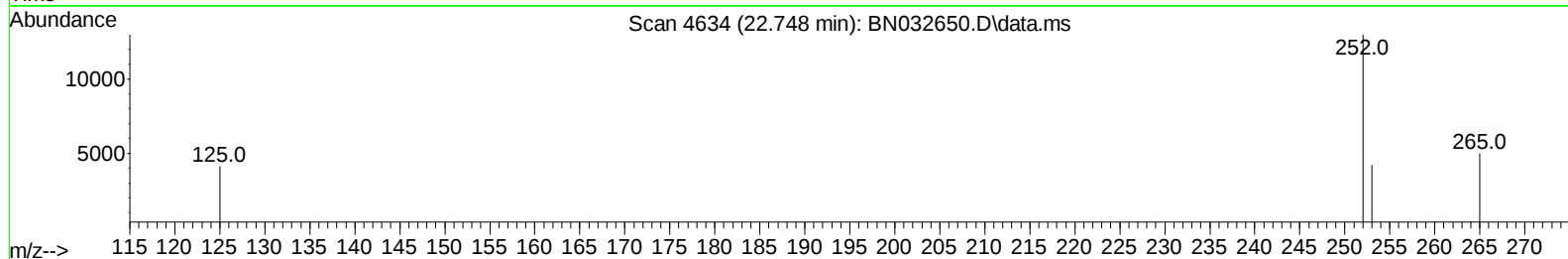
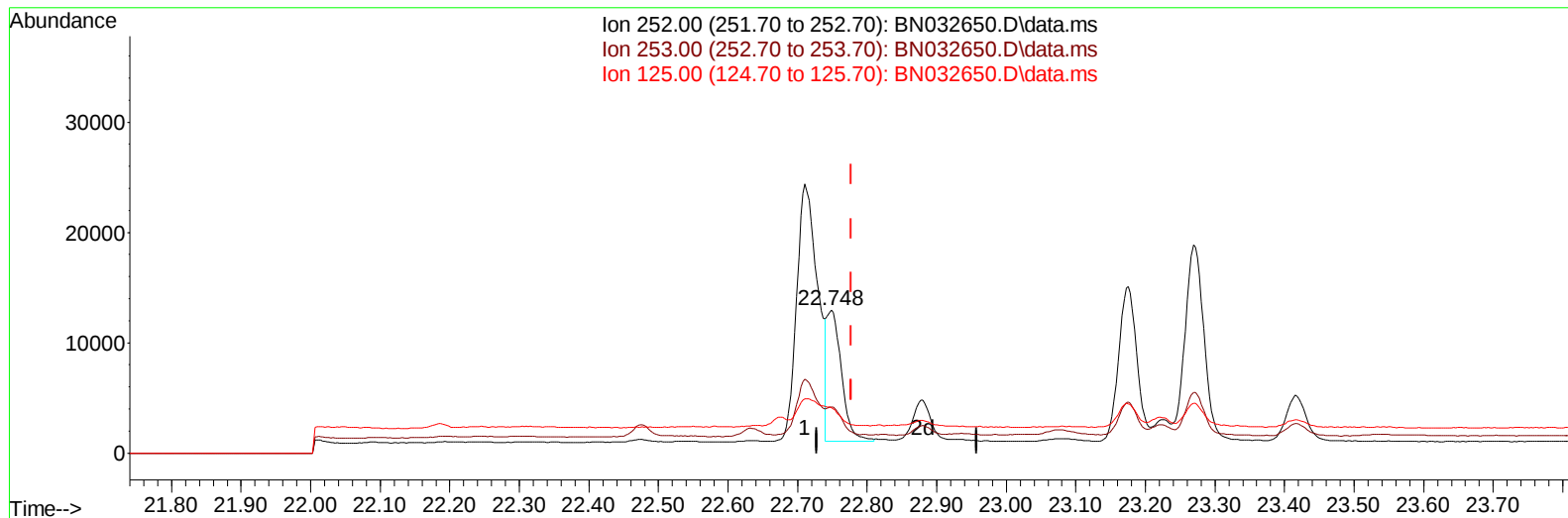
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032650.D
Acq On : 11 Jul 2024 23:46
Operator : MA/JU
Sample : P3035-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CX4

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/12/2024
Supervised By :mohammad ahmed 07/16/2024

Quant Time: Jul 12 01:57:10 2024
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TIC: BN032650.D\data.ms

(25) Benzo(k)fluoranthene

22.748min (-0.029) 0.23 ng/u1 m

response 17210

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	32.40#
125.00	18.50	31.77#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032650.D
 Acq On : 11 Jul 2024 23:46
 Operator : MA/JU
 Sample : P3035-08
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CX4

Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.557	152	6730	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.327	136	19397	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.207	164	10101	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.961	188	18947m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.170	240	16355m	0.400	ng/ul	-0.02
23) Perylene-d12	23.368	264	17269m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.105	96	20418	2.527	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.933	152	5290	0.180	ng/ul	-0.04
18) Fluoranthene-d10	19.003	212	10610	0.199	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.376	128	1106	0.021	ng/ul#	76
10) Acenaphthylene	13.925	152	3655	0.090	ng/ul#	92
11) Acenaphthene	14.267	153	1325	0.039	ng/ul	98
12) Fluorene	15.266	166	1681	0.044	ng/ul#	97
15) Phenanthrene	17.003	178	32436m	0.629	ng/ul	
16) Anthracene	17.096	178	6539m	0.155	ng/ul	
19) Fluoranthene	19.031	202	69750	1.049	ng/ul	99
20) Pyrene	19.398	202	64826	0.942	ng/ul	98
21) Benzo(a)anthracene	21.156	228	33204m	0.638	ng/ul	
22) Chrysene	21.208	228	32099	0.426	ng/ul	95
24) Benzo(b)fluoranthene	22.710	252	50010m	0.821	ng/ul	
25) Benzo(k)fluoranthene	22.748	252	17210m	0.232	ng/ul	
26) Benzo(a)pyrene	23.269	252	33752	0.640	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.579	276	26756	0.375	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.579	278	5944	0.107	ng/ul#	35
29) Benzo(g,h,i)perylene	26.260	276	26584	0.446	ng/ul	94

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

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Manual IntegrationsAPPROVED

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