

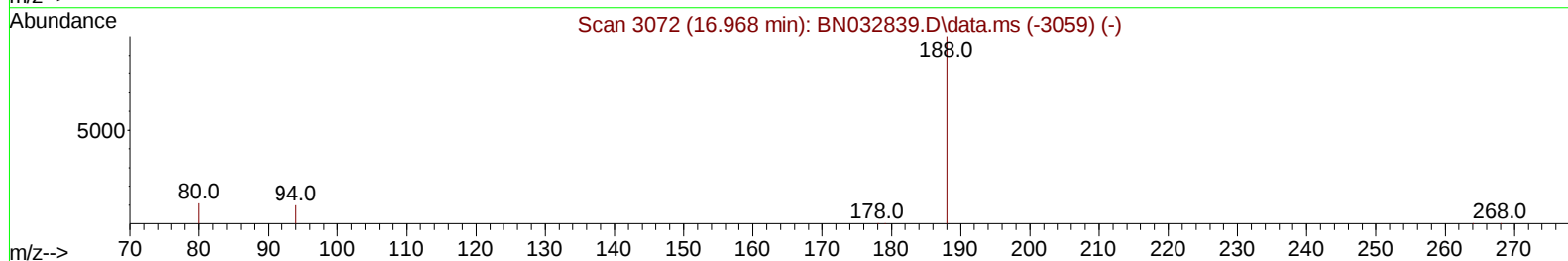
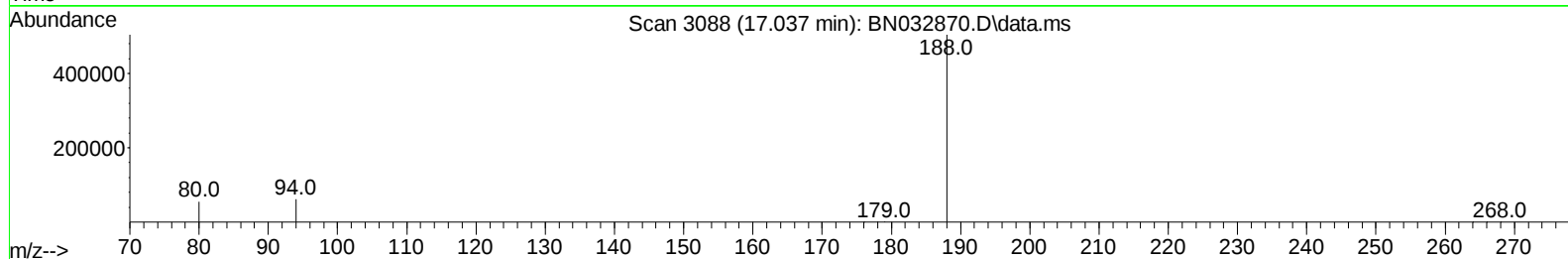
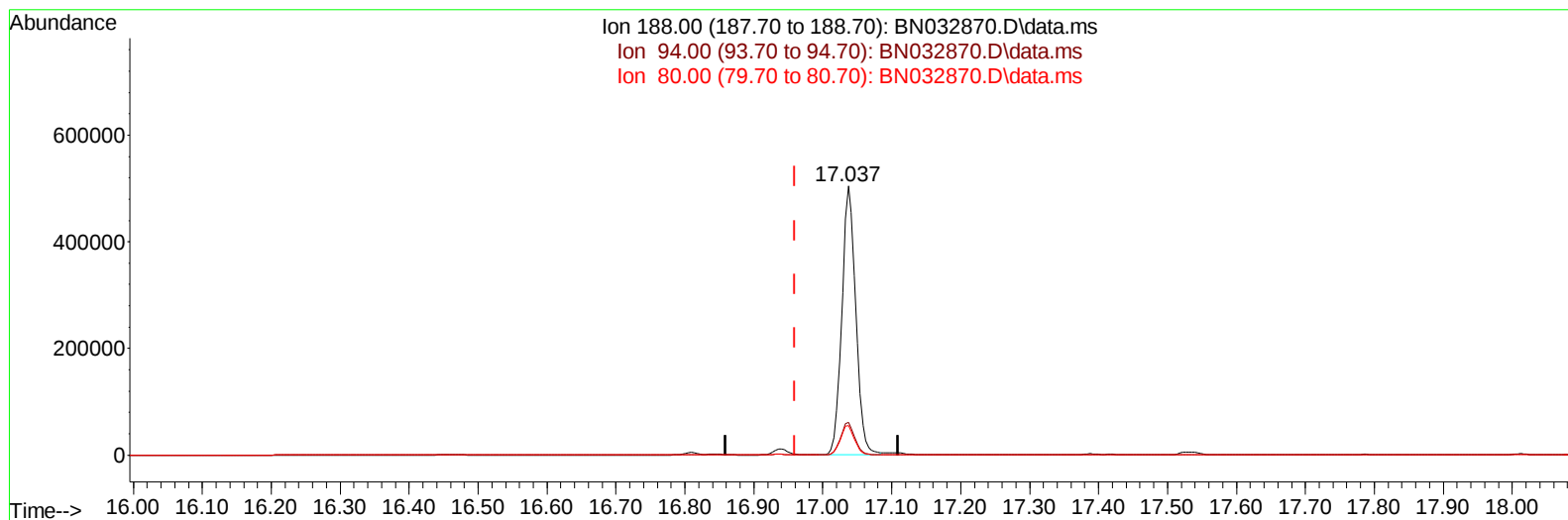
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032870.D
Acq On : 20 Jul 2024 09:15
Operator : MA/JU
Sample : P3238-07
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BF0

Manual IntegrationsAPPROVED

Quant Time: Jul 21 22:43:24 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 : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

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



TIC: BN032870.D\data.ms

(13) Phenanthrene-d10 (I)

17.037min (+ 0.077) 0.40 ng/u1

response 706495

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.00	12.10
80.00	12.00	10.88
0.00	0.00	0.00

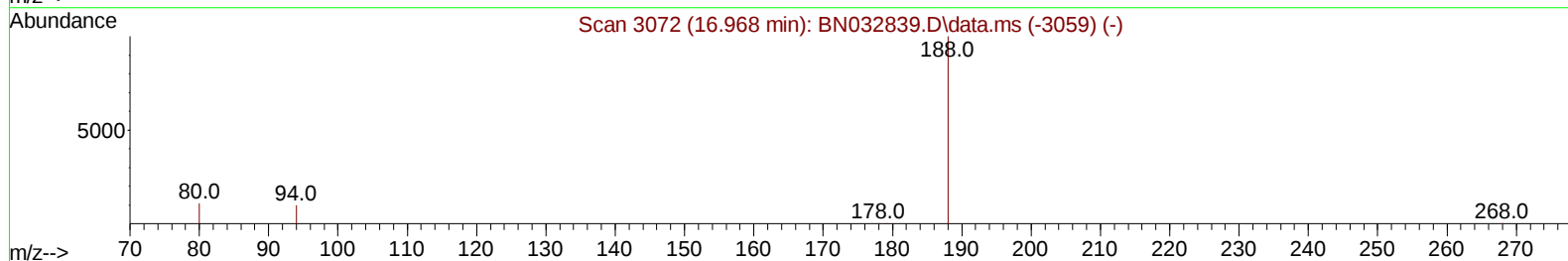
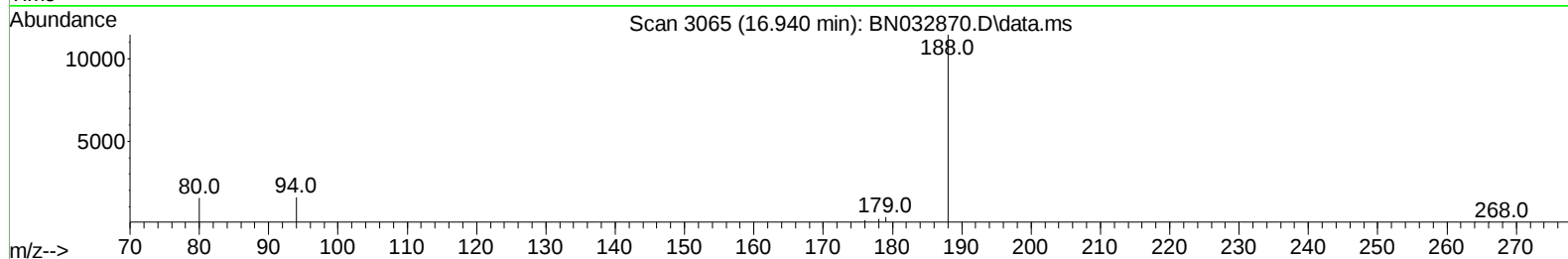
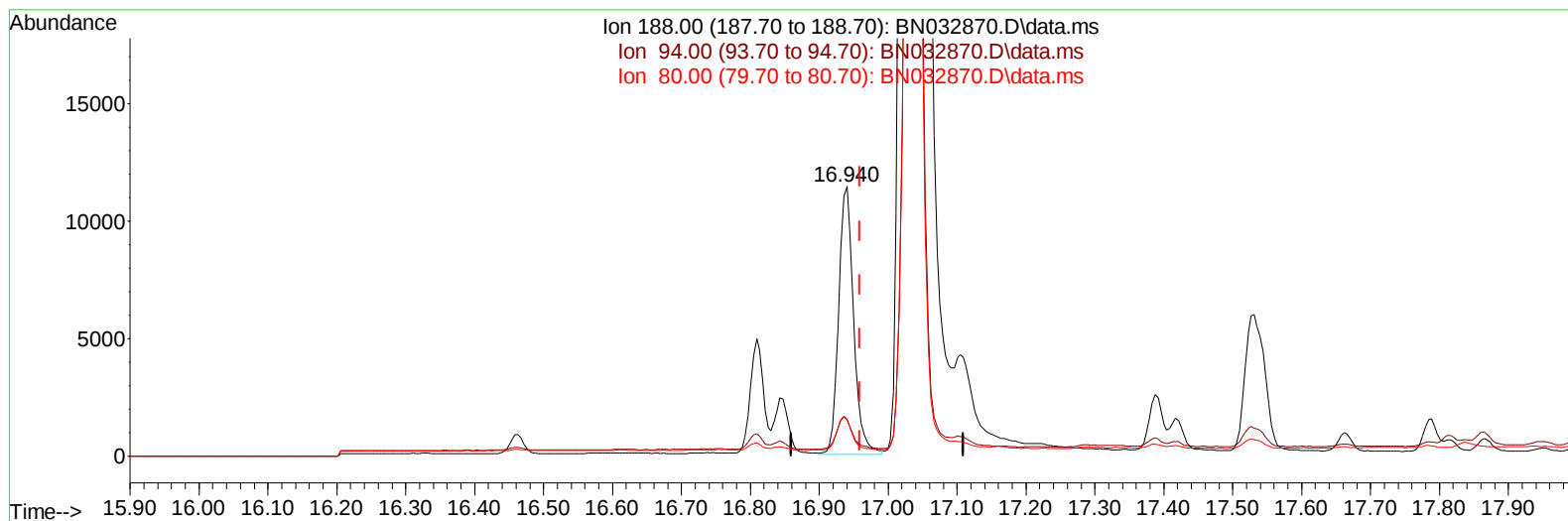
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032870.D
Acq On : 20 Jul 2024 09:15
Operator : MA/JU
Sample : P3238-07
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BF0

Manual IntegrationsAPPROVED

Quant Time: Jul 21 22:43:24 2024
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QLast Update : Sat Jul 20 01:52:15 2024
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Reviewed By :Yogesh Patel 07/22/2024
Supervised By :mohammad ahmed 07/22/2024



TIC: BN032870.D\data.ms

(13) Phenanthrene-d10 (I)

16.940min (-0.020) 0.40 ng/ul m

response 17108

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.00	13.69#
80.00	12.00	13.44
0.00	0.00	0.00

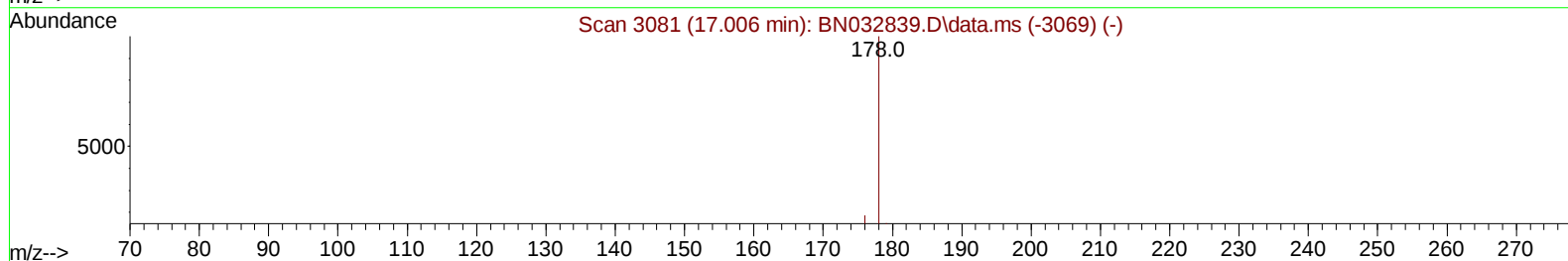
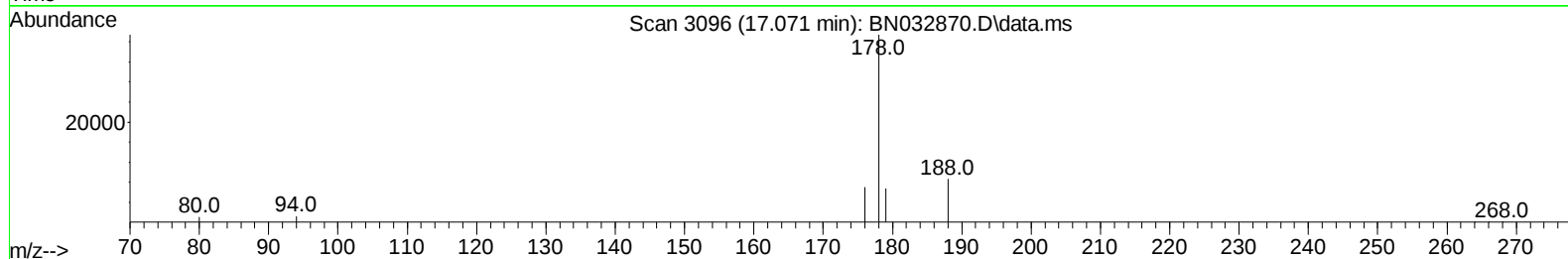
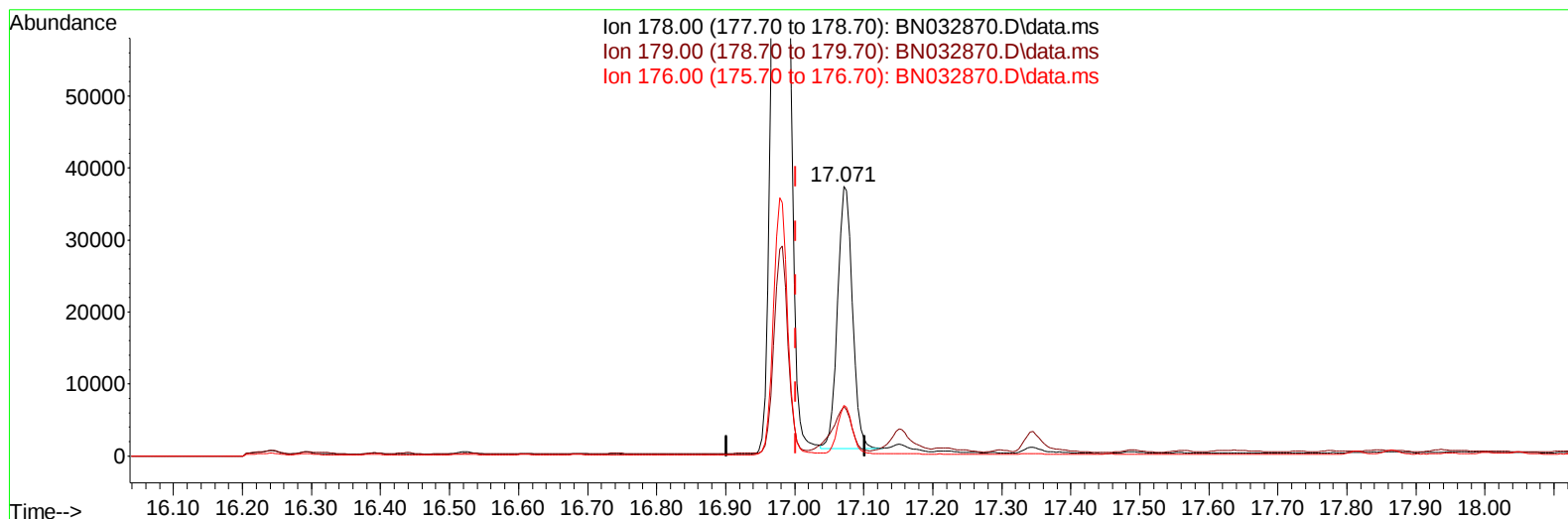
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032870.D
Acq On : 20 Jul 2024 09:15
Operator : MA/JU
Sample : P3238-07
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BF0

Manual IntegrationsAPPROVED

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TIC: BN032870.D\data.ms

(15) Phenanthrene

17.071min (+ 0.069) 1.17 ng/u1

response 54369

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	18.26
176.00	19.50	18.77
0.00	0.00	0.00

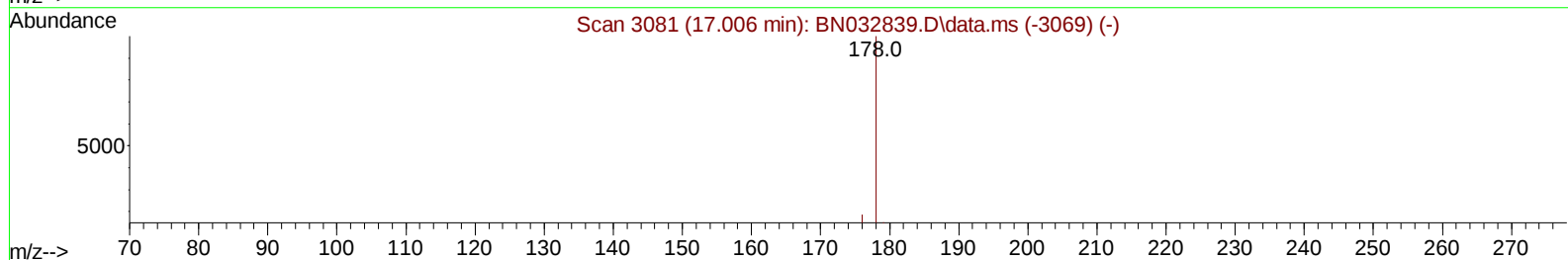
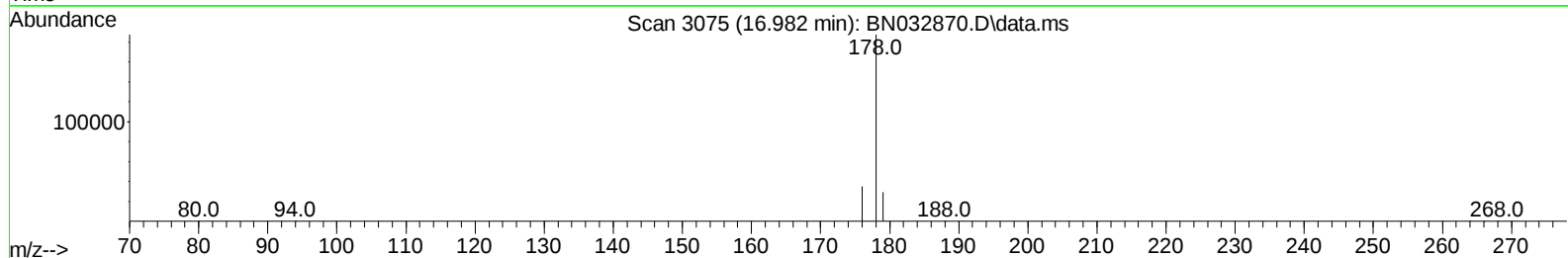
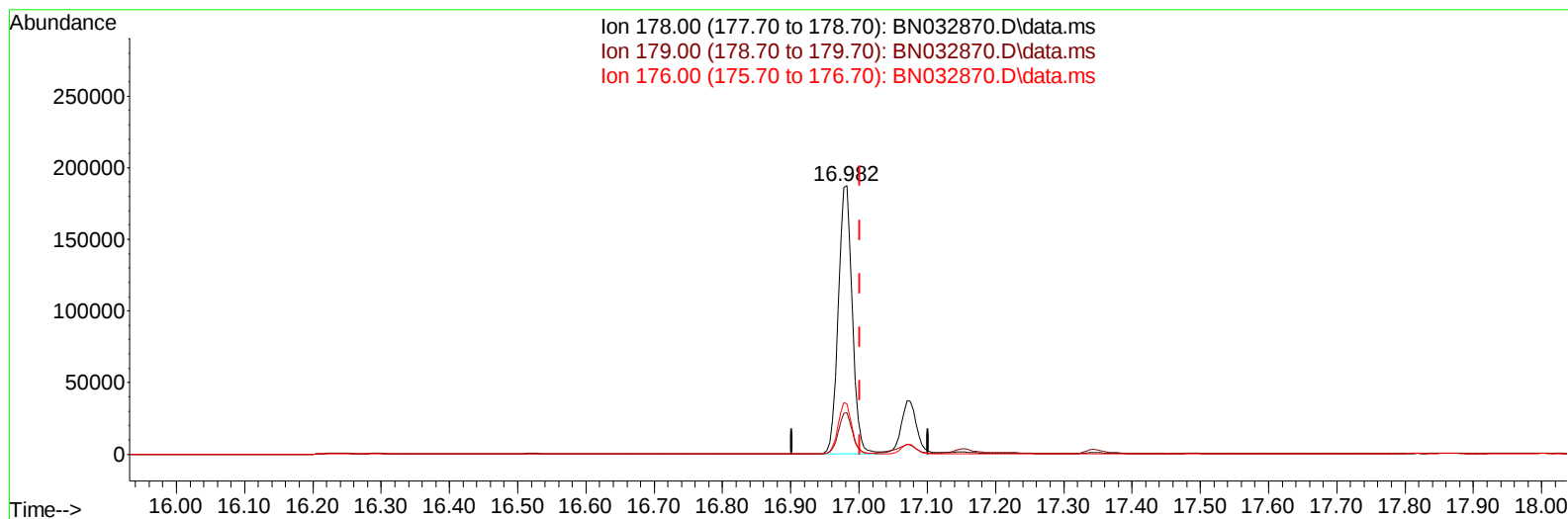
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032870.D
Acq On : 20 Jul 2024 09:15
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Sample : P3238-07
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BF0

Manual IntegrationsAPPROVED

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TIC: BN032870.D\data.ms

(15) Phenanthrene

16.982min (-0.020) 5.77 ng/ul m

response 268958

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.20	15.54
176.00	19.50	18.78
0.00	0.00	0.00

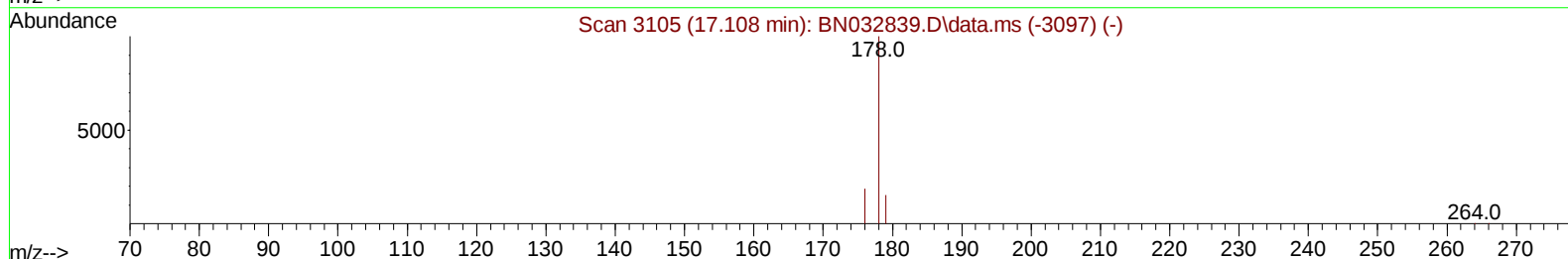
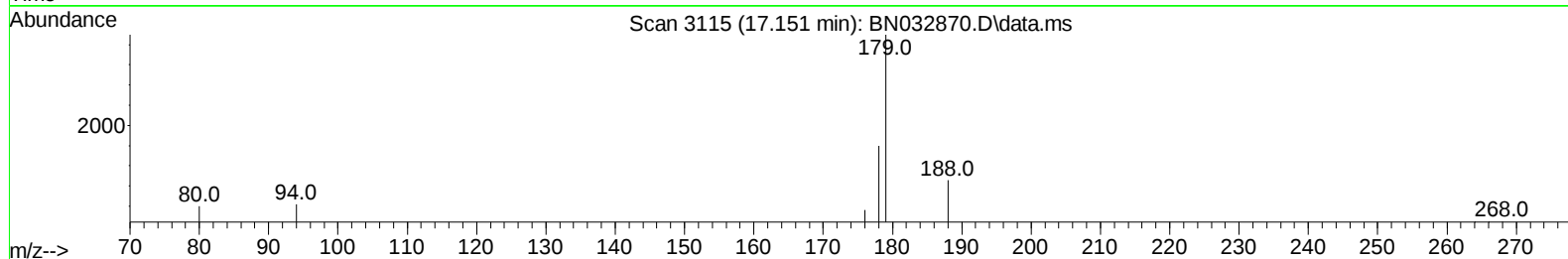
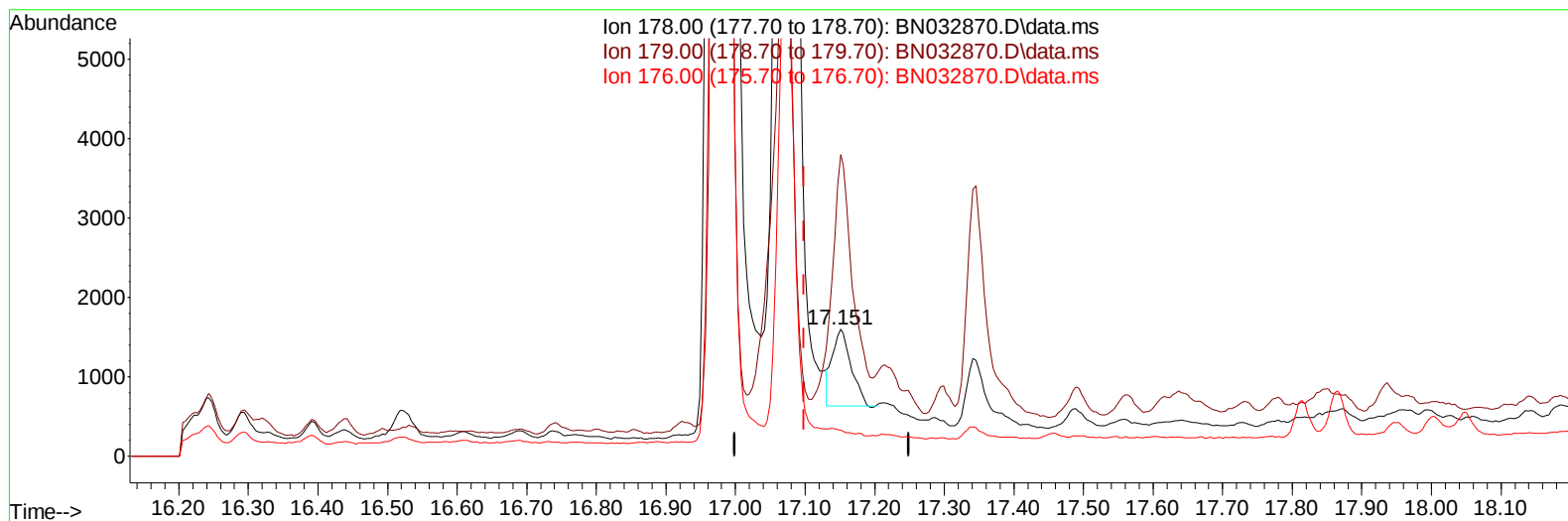
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032870.D
Acq On : 20 Jul 2024 09:15
Operator : MA/JU
Sample : P3238-07
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BF0

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TIC: BN032870.D\data.ms

(16) Anthracene

17.151min (+ 0.052) 0.05 ng/u1

response 1834

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.80	237.48#
176.00	19.20	20.40
0.00	0.00	0.00

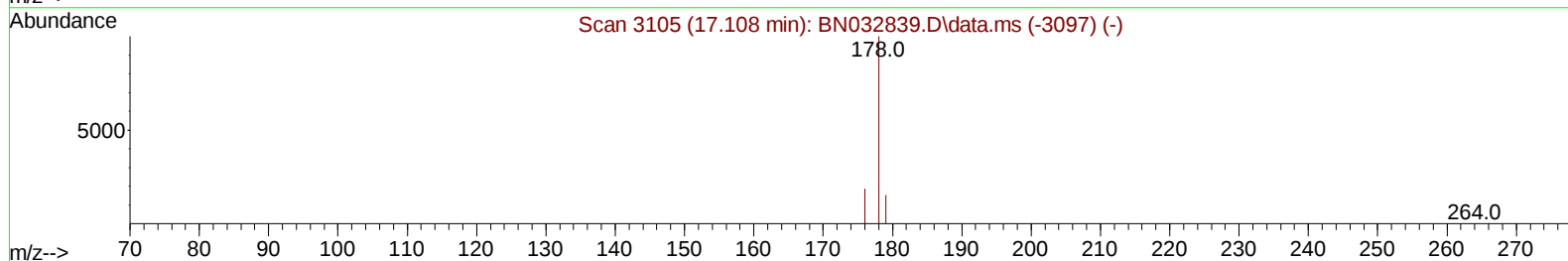
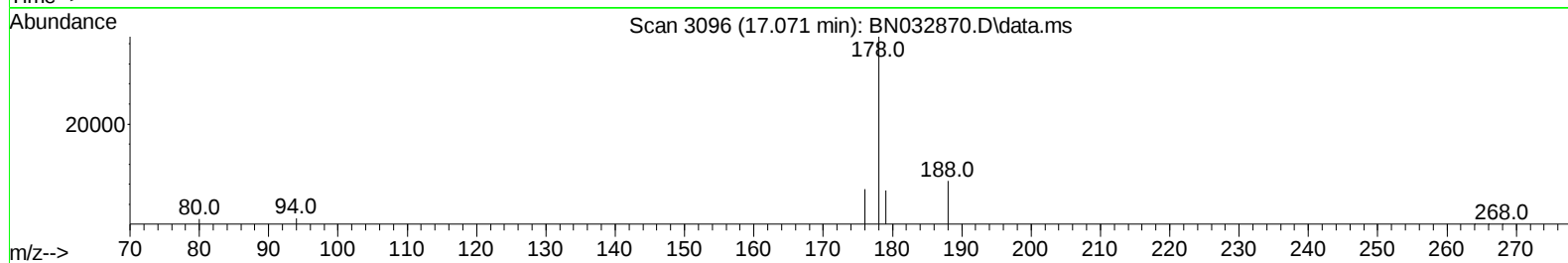
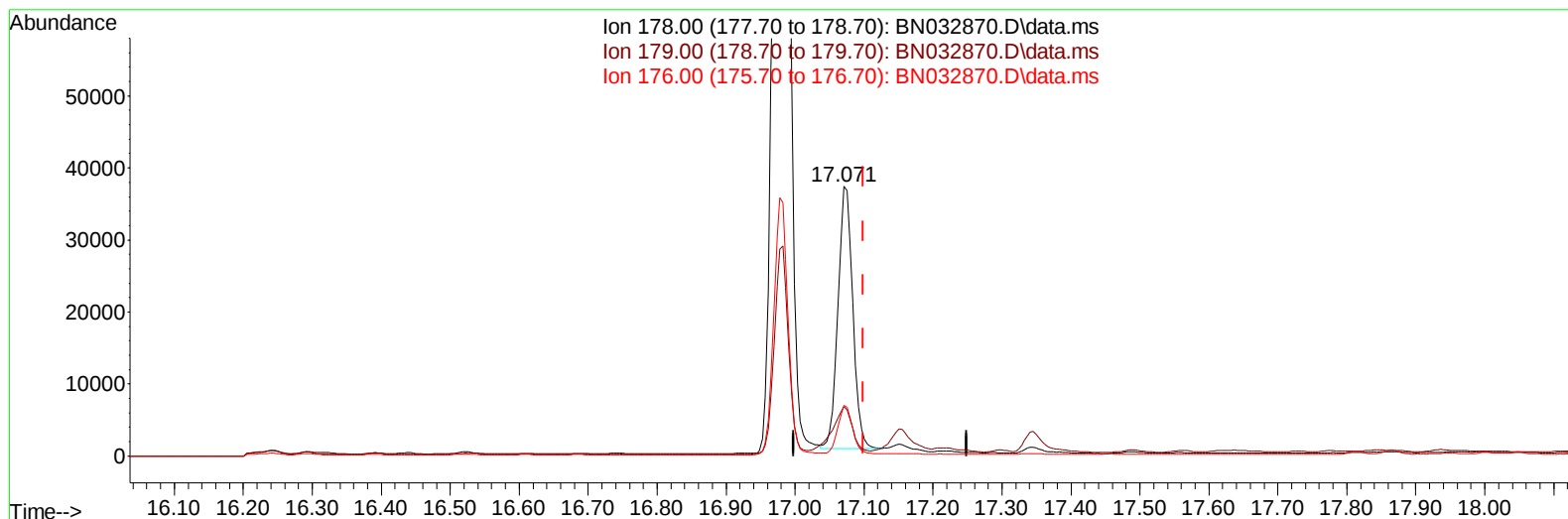
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032870.D
Acq On : 20 Jul 2024 09:15
Operator : MA/JU
Sample : P3238-07
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BF0

Manual IntegrationsAPPROVED

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TIC: BN032870.D\data.ms

(16) Anthracene

17.071min (-0.028) 1.44 ng/ul m

response 54747

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	16.80	18.26
176.00	19.20	18.77
0.00	0.00	0.00

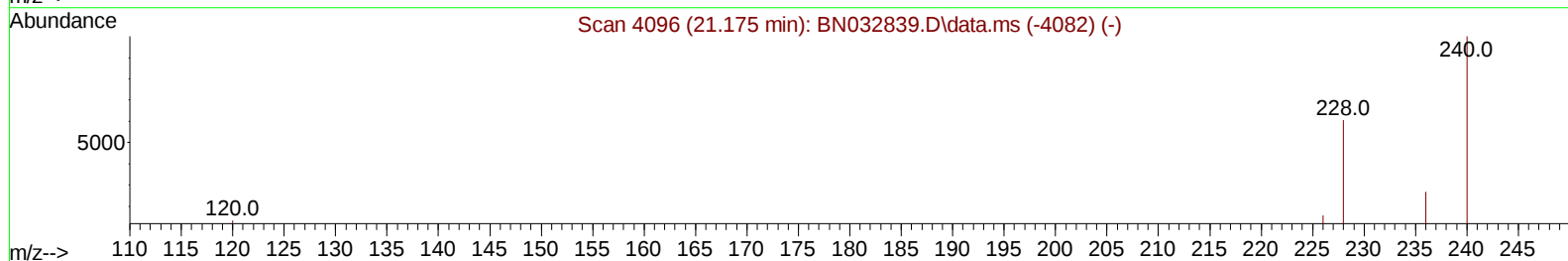
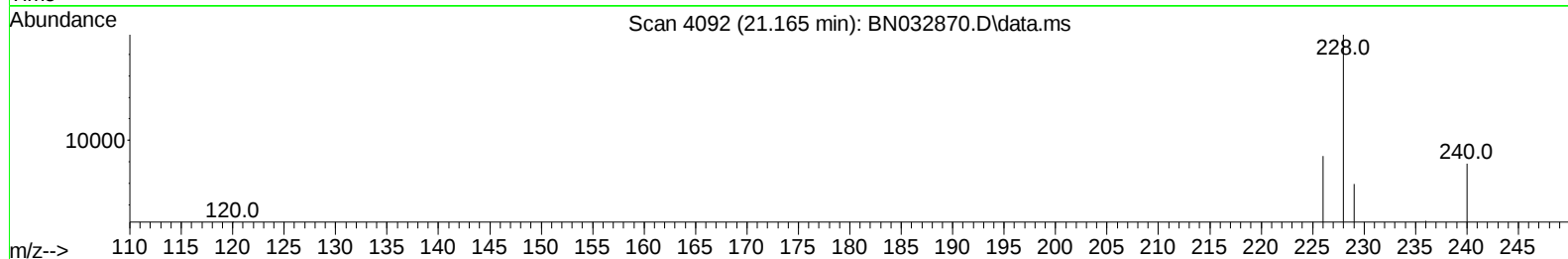
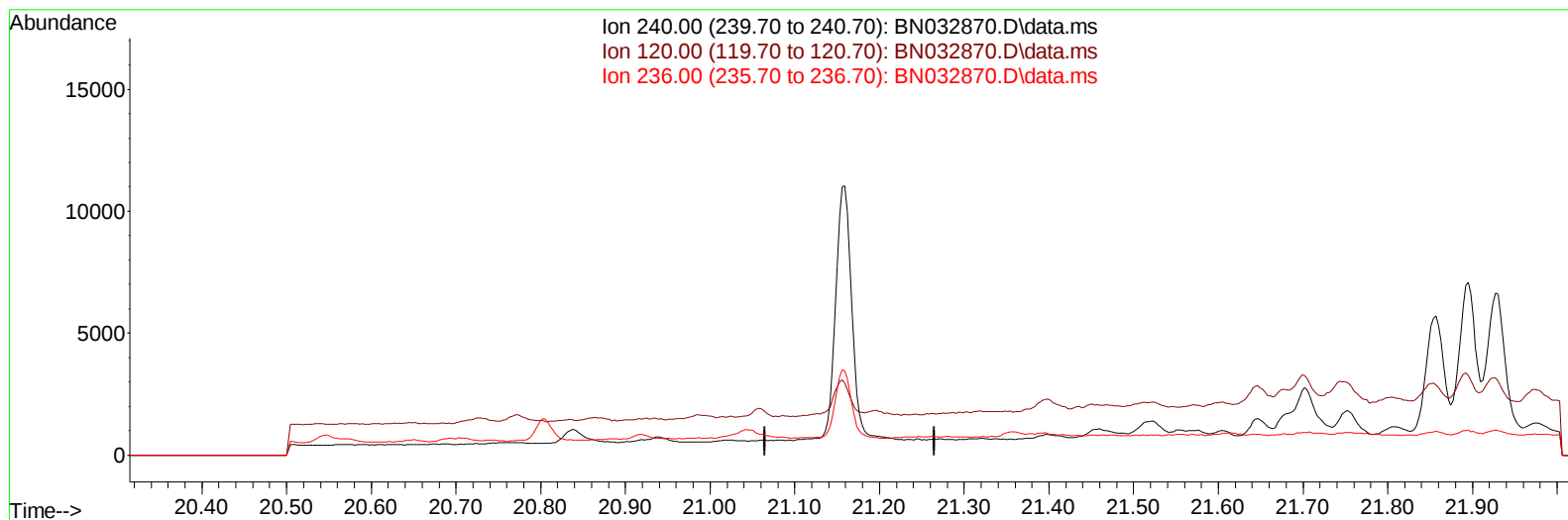
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032870.D
Acq On : 20 Jul 2024 09:15
Operator : MA/JU
Sample : P3238-07
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BF0

Manual IntegrationsAPPROVED

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TIC: BN032870.D\data.ms

(17) Chrysene-d12

21.165min (-21.165) 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

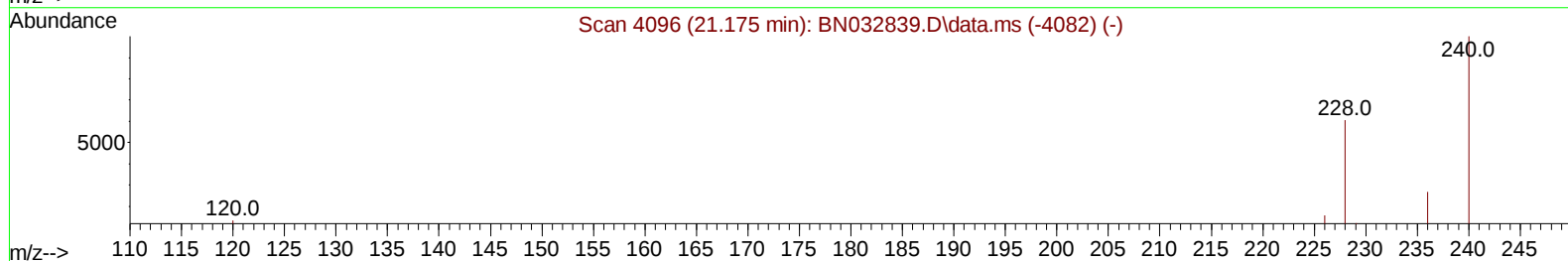
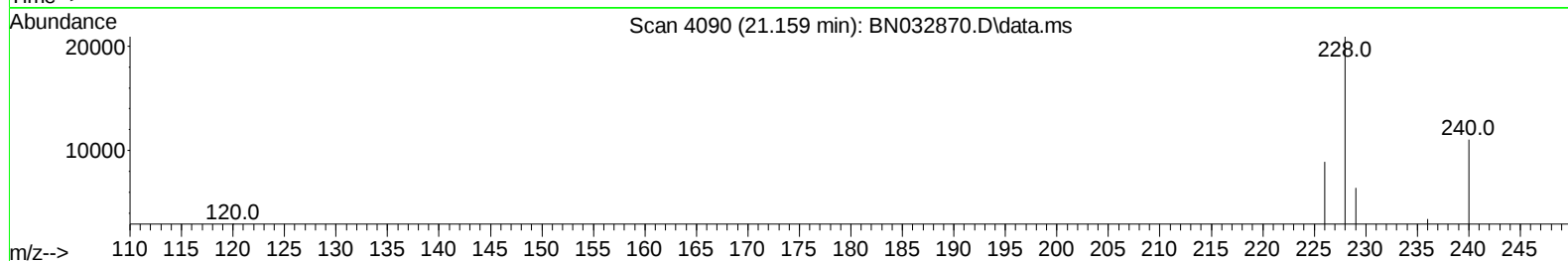
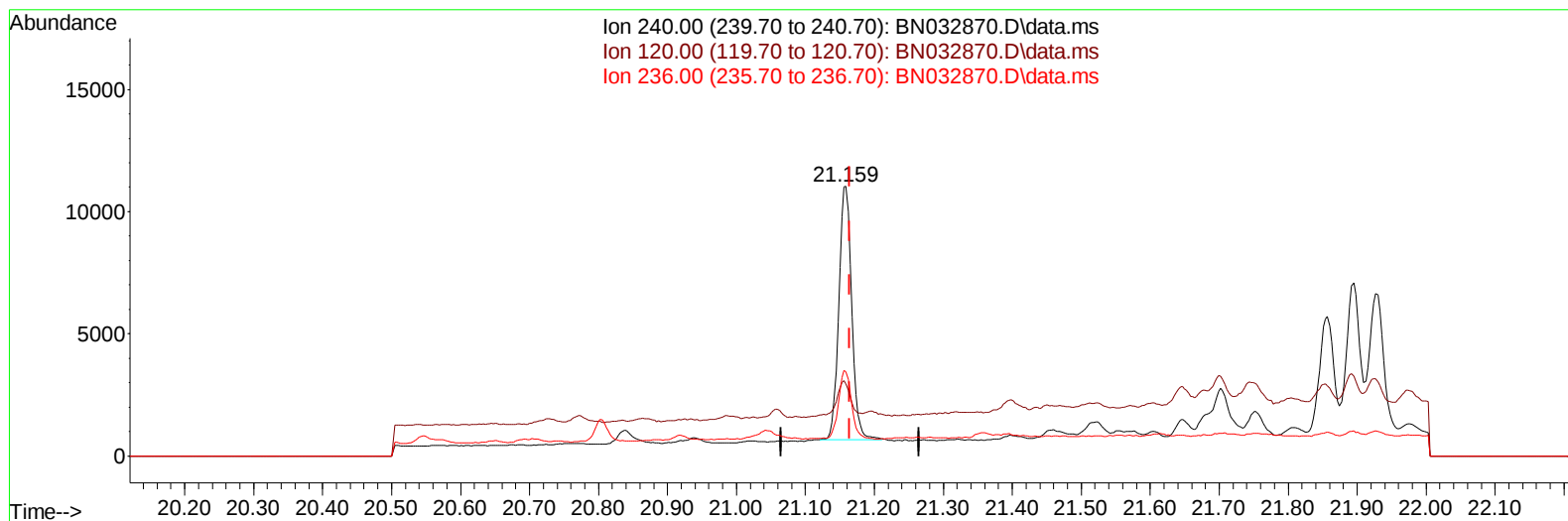
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032870.D
Acq On : 20 Jul 2024 09:15
Operator : MA/JU
Sample : P3238-07
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BF0

Manual IntegrationsAPPROVED

Quant Time: Jul 21 22:43:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
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TIC: BN032870.D\data.ms

(17) Chrysene-d12

21.159min (-0.006) 0.40 ng/ul m

response 13516

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	18.00	26.88#
236.00	28.40	31.21
0.00	0.00	0.00

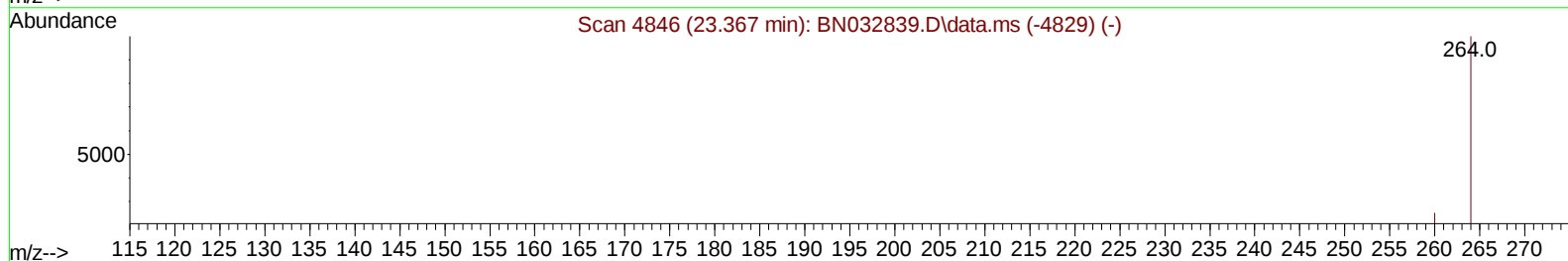
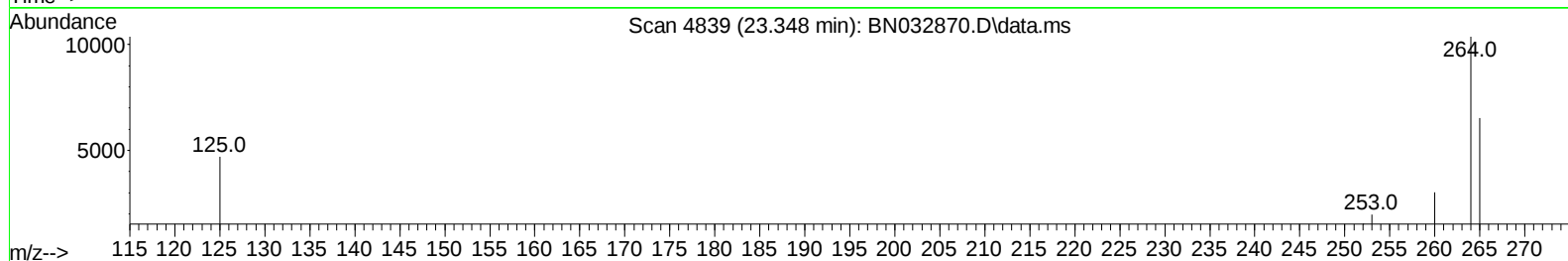
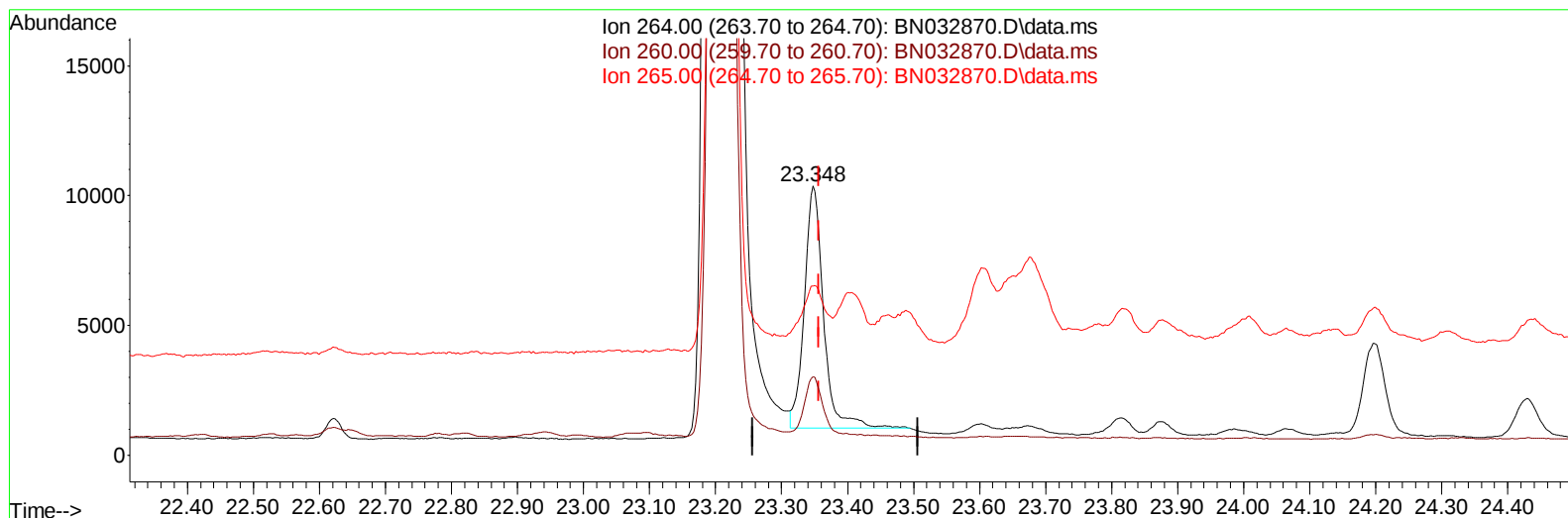
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032870.D
Acq On : 20 Jul 2024 09:15
Operator : MA/JU
Sample : P3238-07
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BF0

Manual IntegrationsAPPROVED

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TIC: BN032870.D\data.ms

(23) Perylene-d12 (I)

23.348min (-0.009) 0.40 ng/u1

response 18855

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.10	29.23
265.00	95.50	62.86#
0.00	0.00	0.00

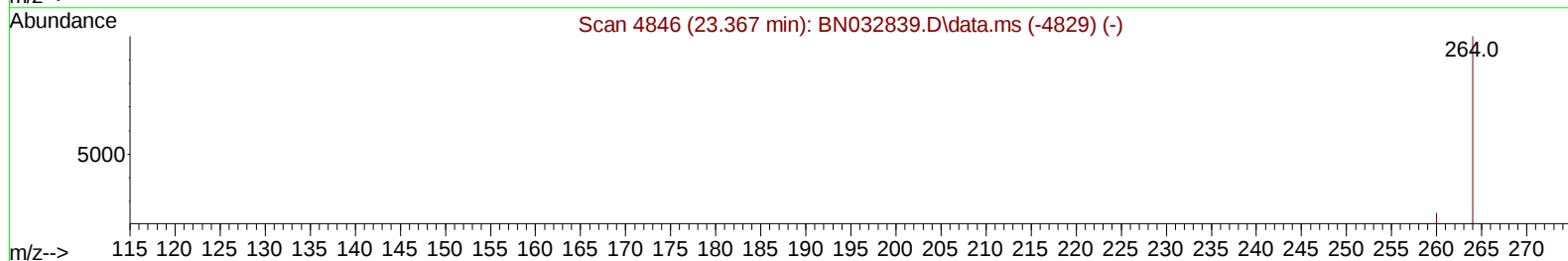
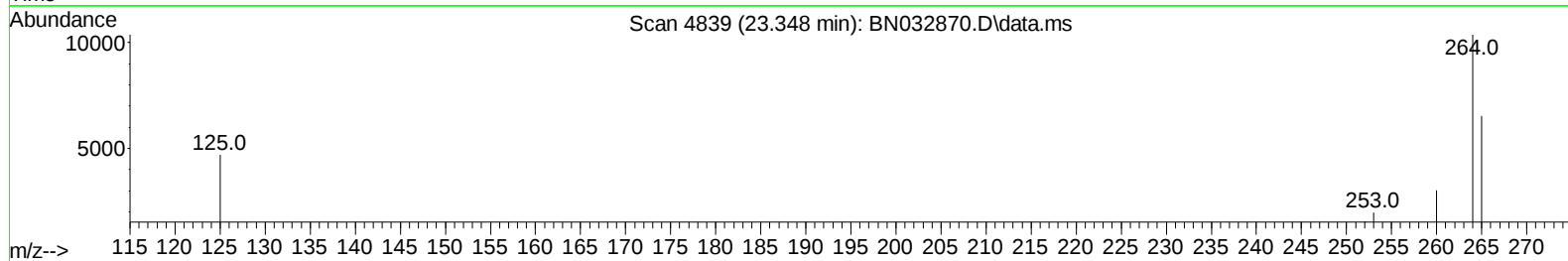
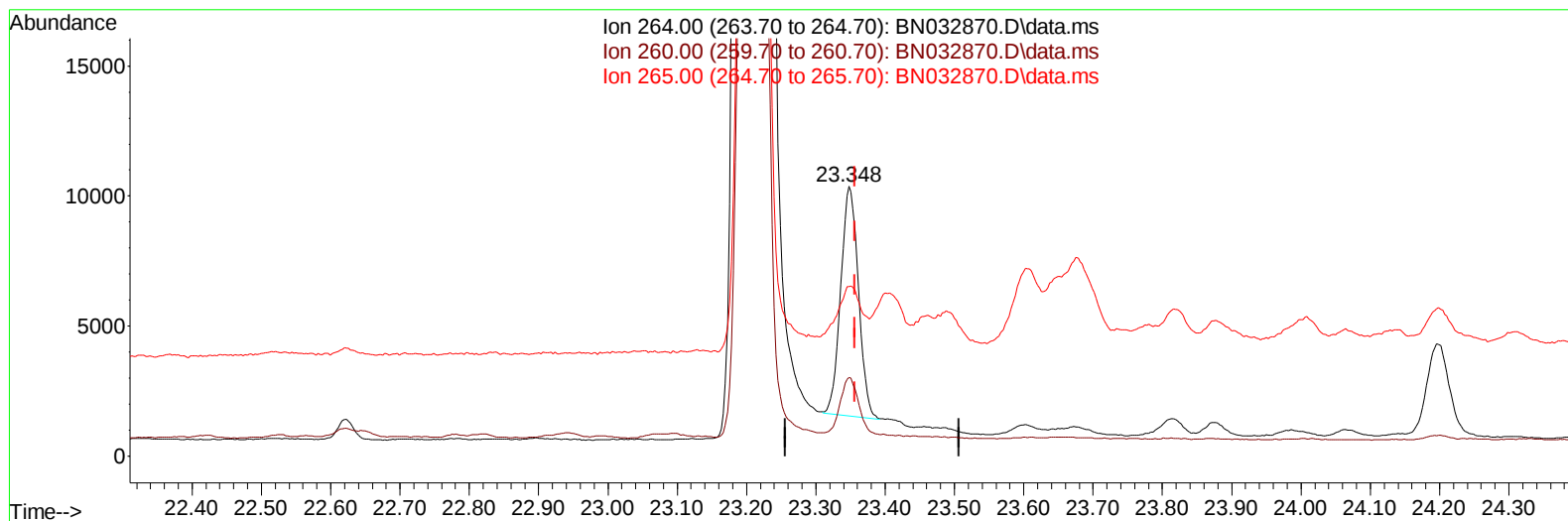
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032870.D
Acq On : 20 Jul 2024 09:15
Operator : MA/JU
Sample : P3238-07
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BF0

Manual IntegrationsAPPROVED

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TIC: BN032870.D\data.ms

(23) Perylene-d12 (I)

23.348min (-0.009) 0.40 ng/ul m

response 15650

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.10	29.23
265.00	95.50	62.86#
0.00	0.00	0.00

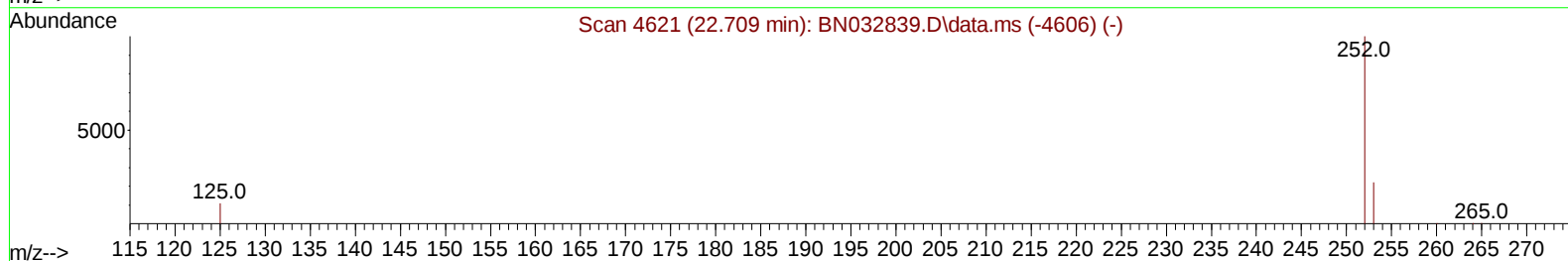
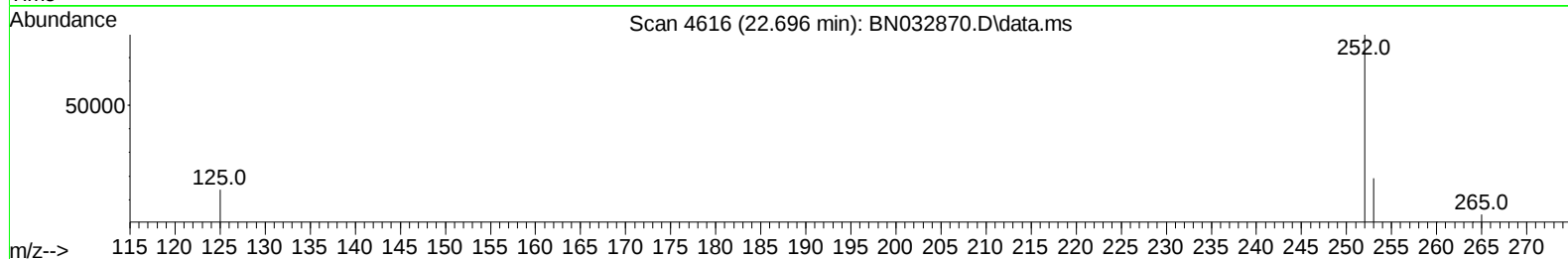
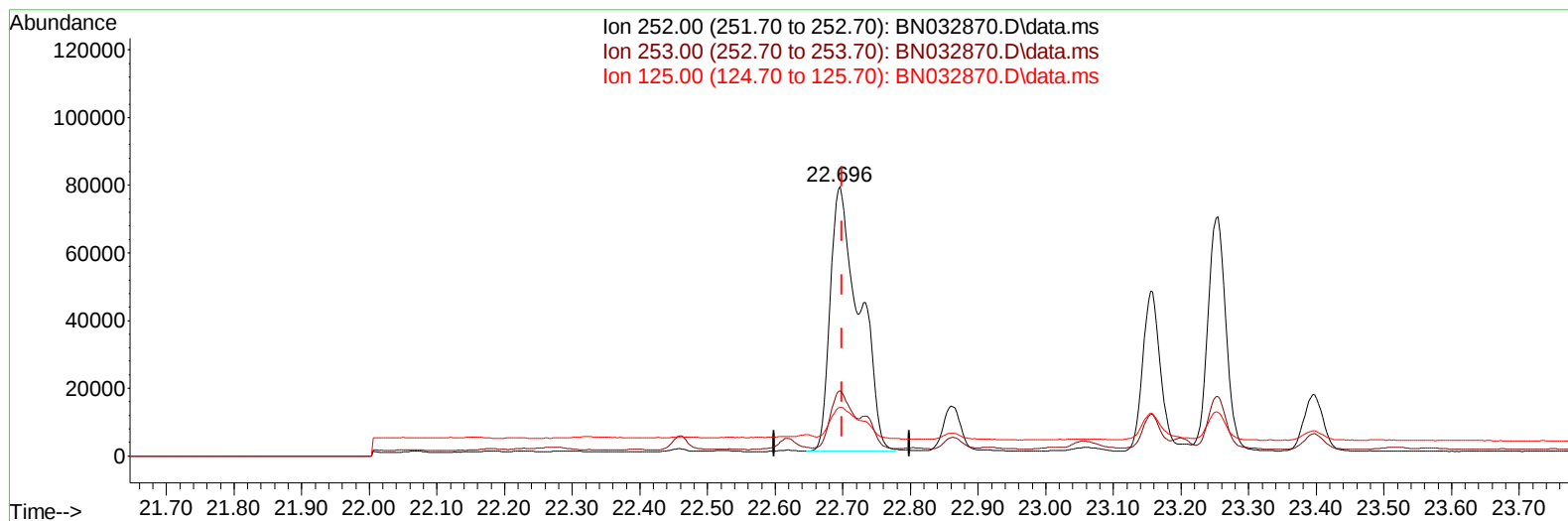
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ALS Vial : 34 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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TIC: BN032870.D\data.ms

(24) Benzo(b)fluoranthene

22.696min (-0.003) 4.23 ng/u1

response 233642

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	24.17
125.00	18.00	18.11
0.00	0.00	0.00

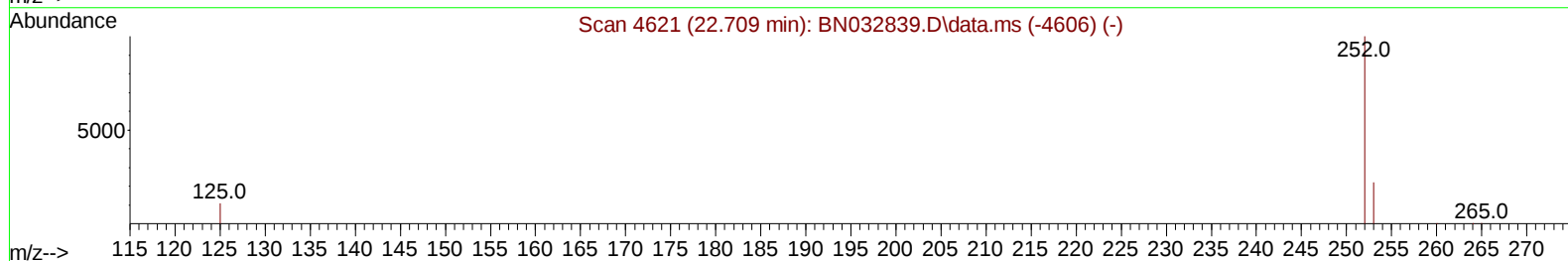
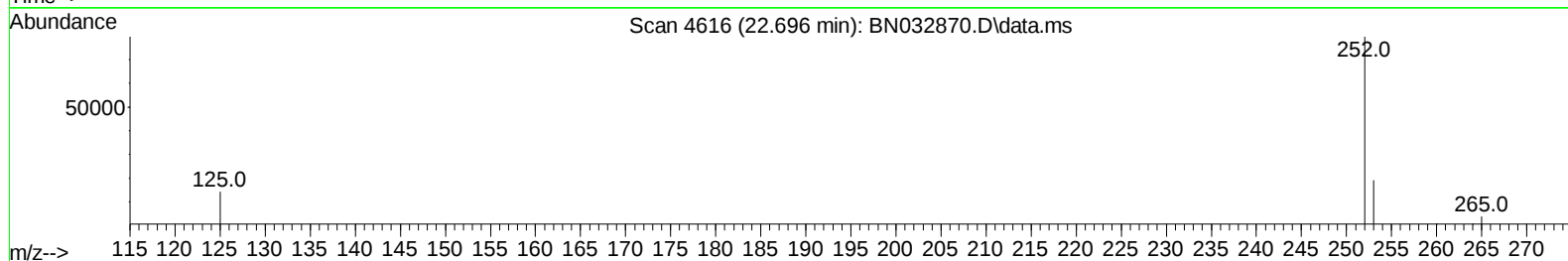
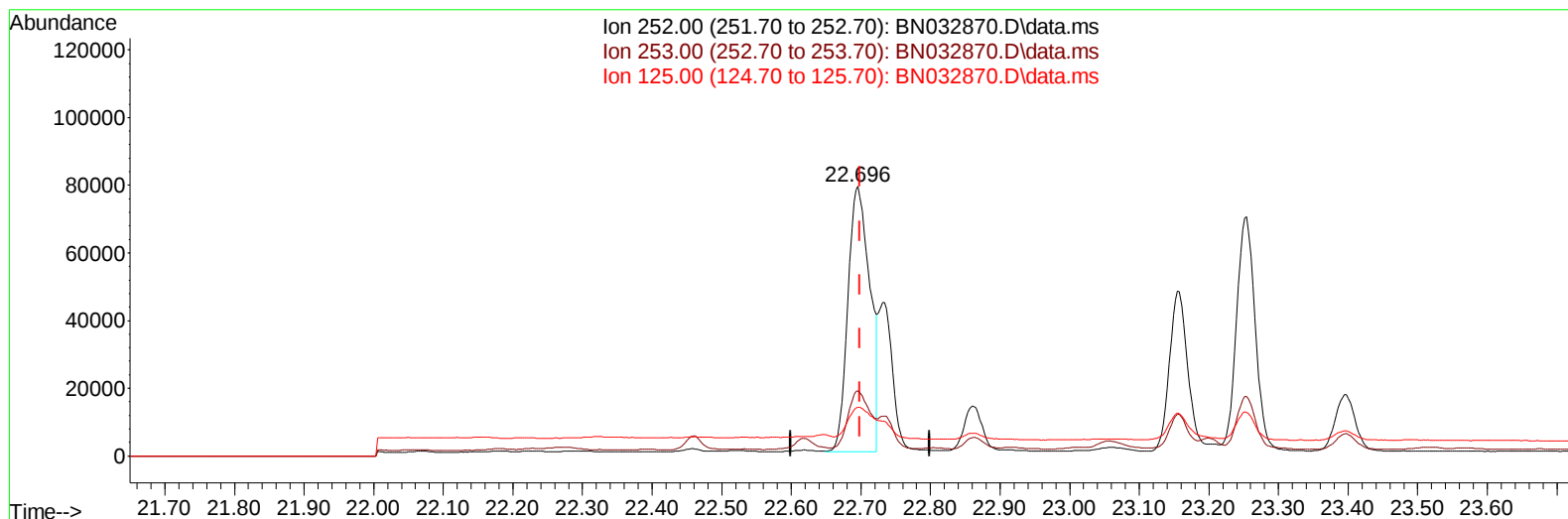
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Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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TIC: BN032870.D\data.ms

(24) Benzo(b)fluoranthene

22.696min (-0.003) 3.12 ng/u1 m

response 172293

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	24.17
125.00	18.00	18.11
0.00	0.00	0.00

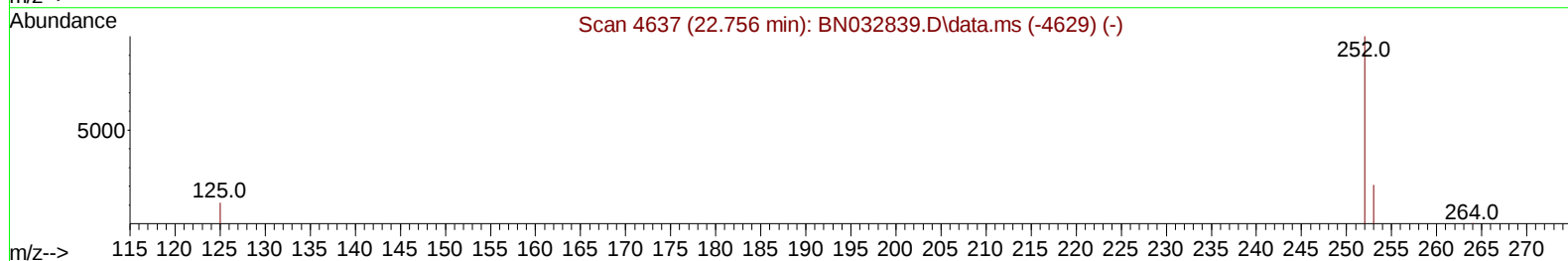
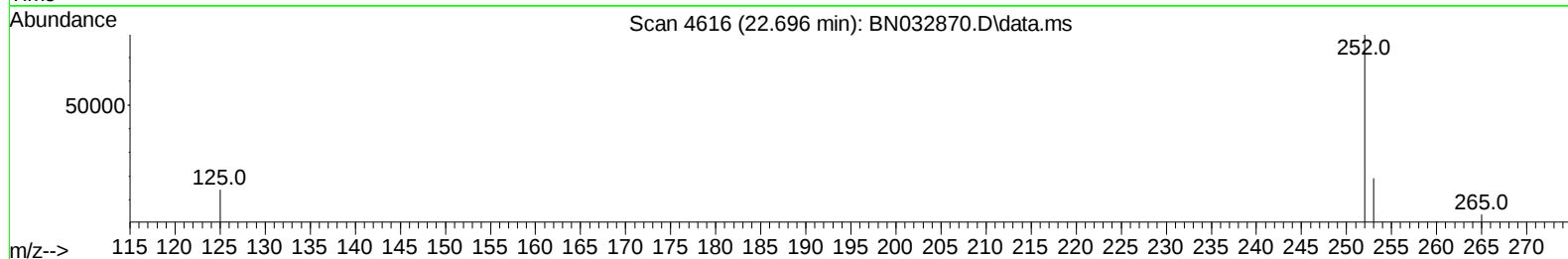
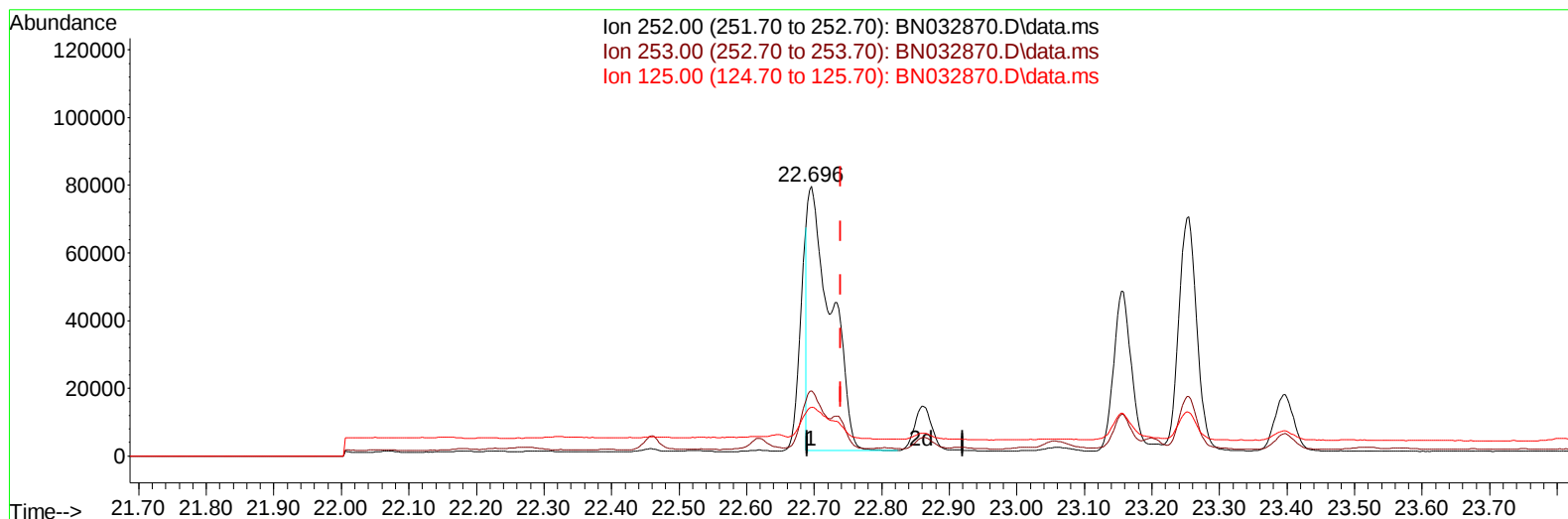
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Sample : P3238-07
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BF0

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TIC: BN032870.D\data.ms

(25) Benzo(k)fluoranthene

22.696min (-0.044) 2.81 ng/u1

response 188879

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	24.17
125.00	18.50	18.11
0.00	0.00	0.00

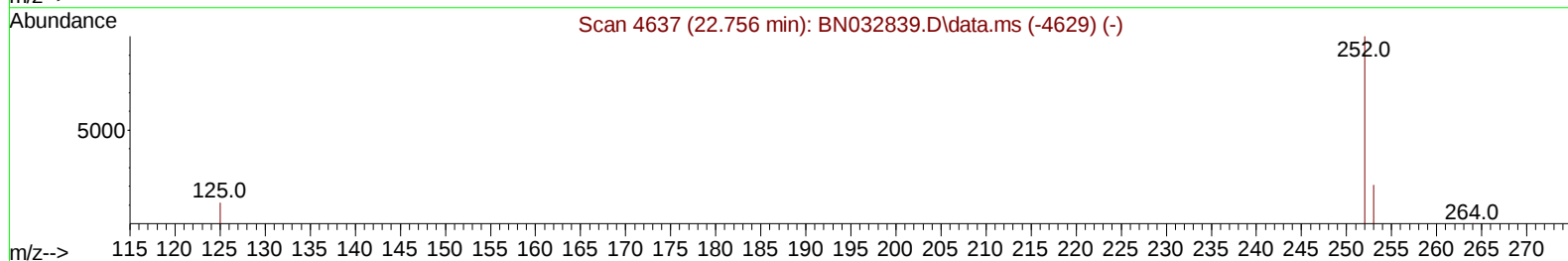
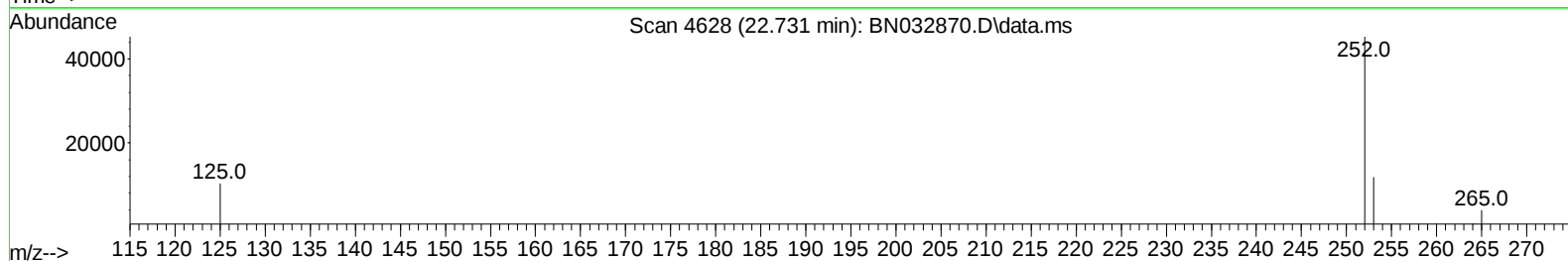
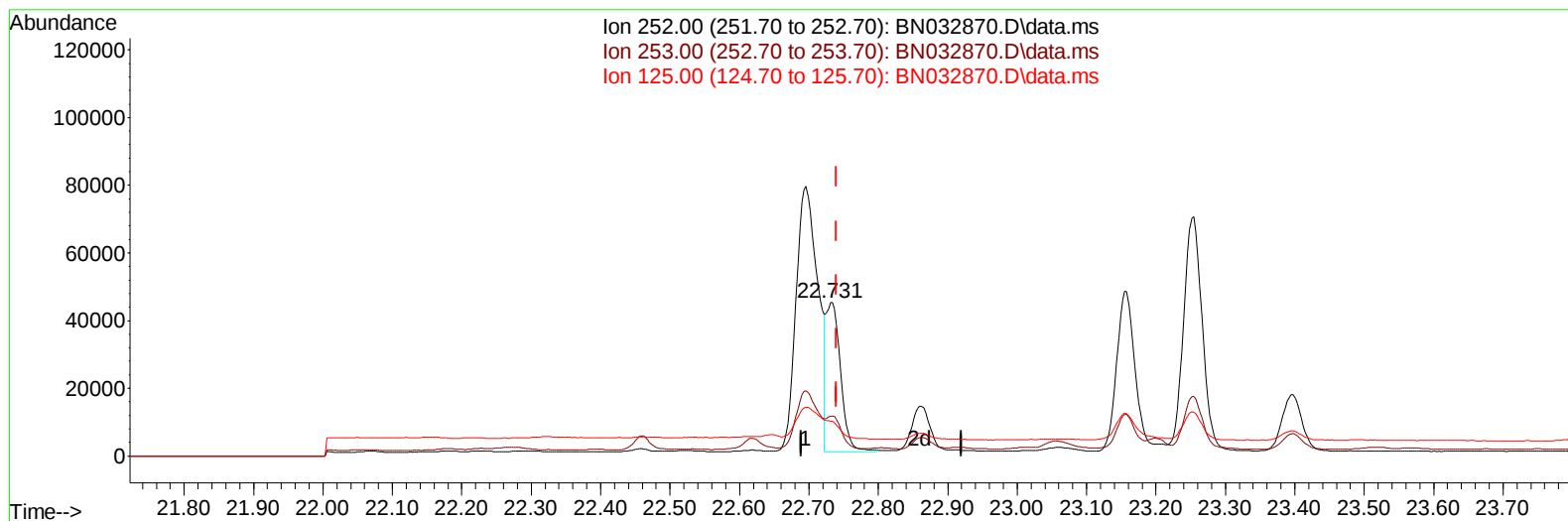
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
Data File : BN032870.D
Acq On : 20 Jul 2024 09:15
Operator : MA/JU
Sample : P3238-07
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BF0

Manual IntegrationsAPPROVED

Quant Time: Jul 21 22:43:24 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 : Sat Jul 20 01:52:15 2024
Response via : Initial Calibration

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



TIC: BN032870.D\data.ms

(25) Benzo(k)fluoranthene

22.731min (-0.009) 0.94 ng/u1 m

response 62990

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	26.02
125.00	18.50	22.82#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071924\
 Data File : BN032870.D
 Acq On : 20 Jul 2024 09:15
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.523	152	4625	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.294	136	14518	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.179	164	8313	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.940	188	17108m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.159	240	13516m	0.400	ng/ul	0.00
23) Perylene-d12	23.348	264	15650m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.084	96	17741	3.195	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.900	152	4724	0.215	ng/ul	-0.03
18) Fluoranthene-d10	18.980	212	9176	0.208	ng/ul	-0.02
Target Compounds						
						Qvalue
5) Naphthalene	10.343	128	22465	0.576	ng/ul	98
7) 2-Methylnaphthalene	11.971	142	6527	0.268	ng/ul	96
8) 1-Methylnaphthalene	12.197	142	4370	0.174	ng/ul	98
10) Acenaphthylene	13.897	152	6367	0.190	ng/ul#	91
11) Acenaphthene	14.239	153	21856	0.787	ng/ul	98
12) Fluorene	15.238	166	23150	0.729	ng/ul	99
15) Phenanthrene	16.982	178	268958m	5.773	ng/ul	
16) Anthracene	17.071	178	54747m	1.438	ng/ul	
19) Fluoranthene	19.013	202	334199	6.082	ng/ul	98
20) Pyrene	19.380	202	277642	4.881	ng/ul	98
21) Benzo(a)anthracene	21.141	228	142742	3.318	ng/ul	98
22) Chrysene	21.194	228	134976	2.169	ng/ul	97
24) Benzo(b)fluoranthene	22.696	252	172293m	3.120	ng/ul	
25) Benzo(k)fluoranthene	22.731	252	62990m	0.936	ng/ul	
26) Benzo(a)pyrene	23.254	252	129795	2.716	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	25.556	276	89124	1.377	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.552	278	23032	0.459	ng/ul#	72
29) Benzo(g,h,i)perylene	26.233	276	84215	1.557	ng/ul	98

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

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