

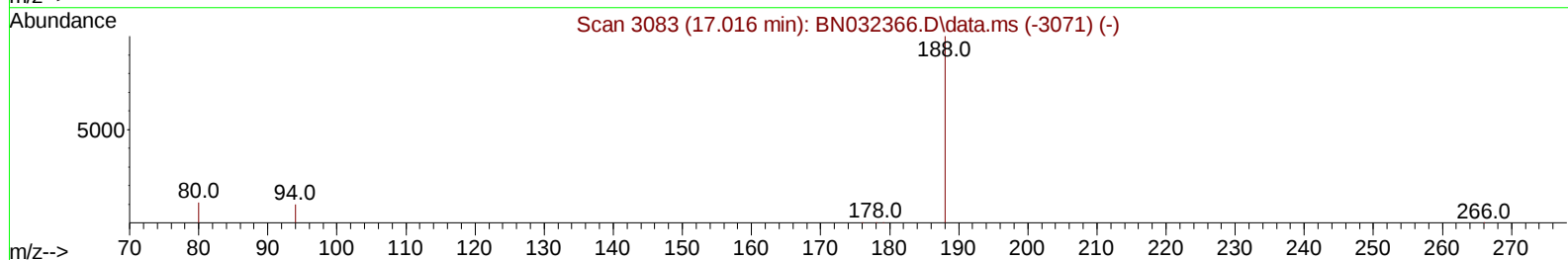
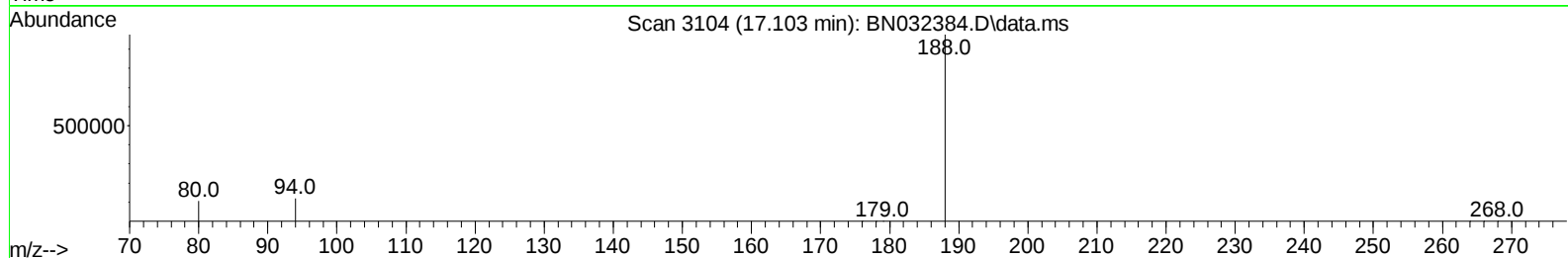
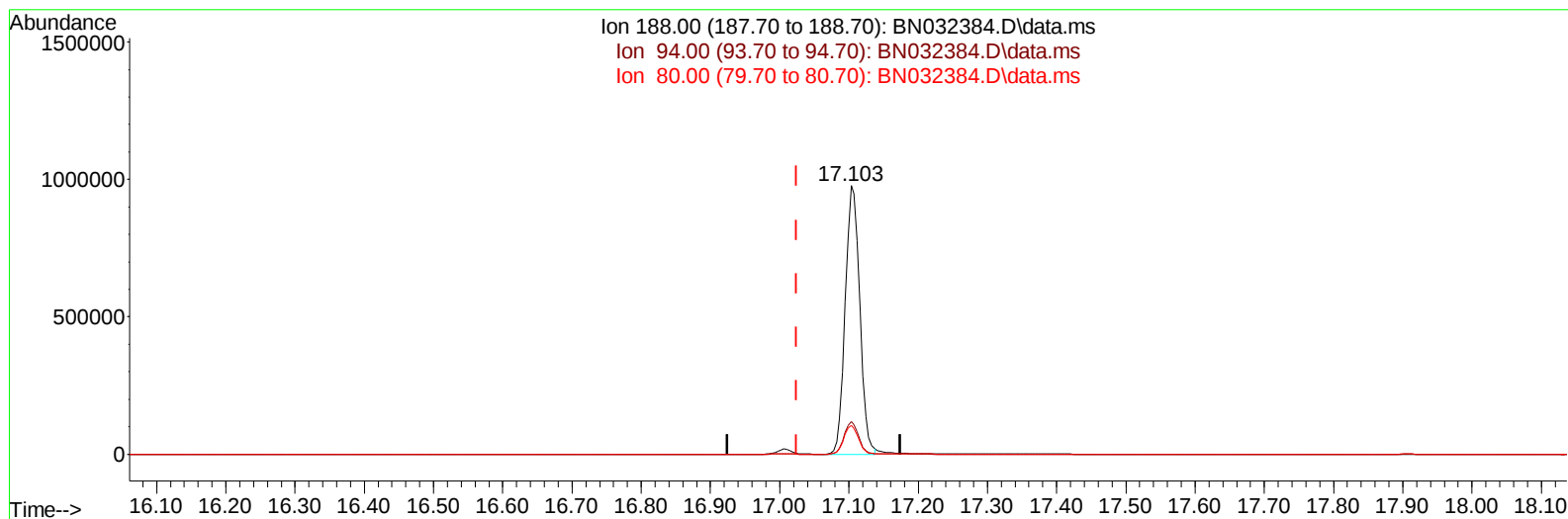
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032384.D
Acq On : 02 Jul 2024 05:09
Operator : MA/JU
Sample : P2871-20
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CN6

Manual IntegrationsAPPROVED

Quant Time: Jul 02 05:35:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032384.D\data.ms

(13) Phenanthrene-d10 (I)

17.103min (+ 0.079) 0.40 ng/u1

response 1415620

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	12.21
80.00	10.50	10.83
0.00	0.00	0.00

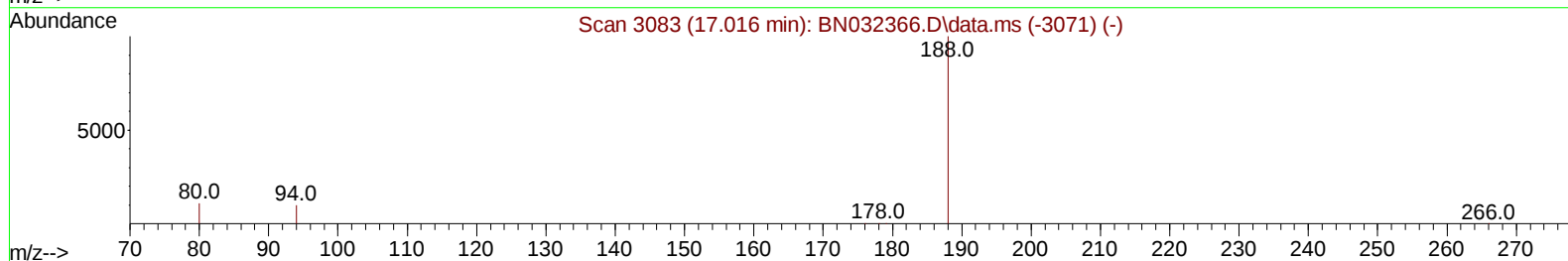
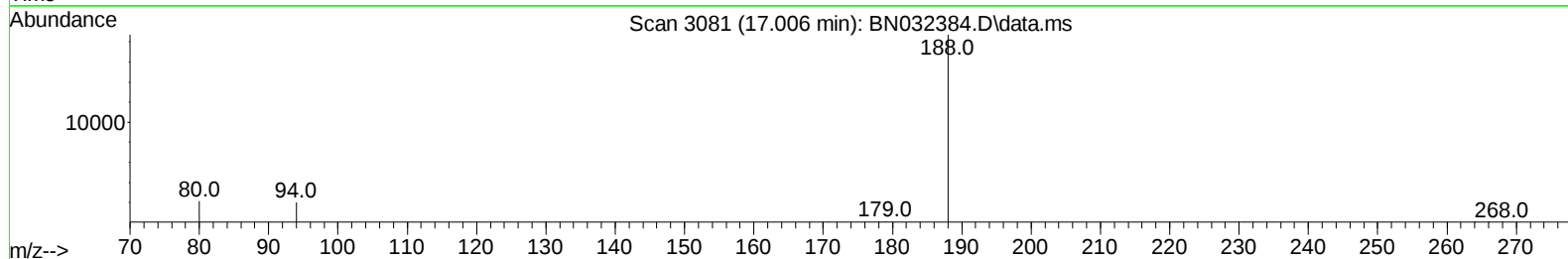
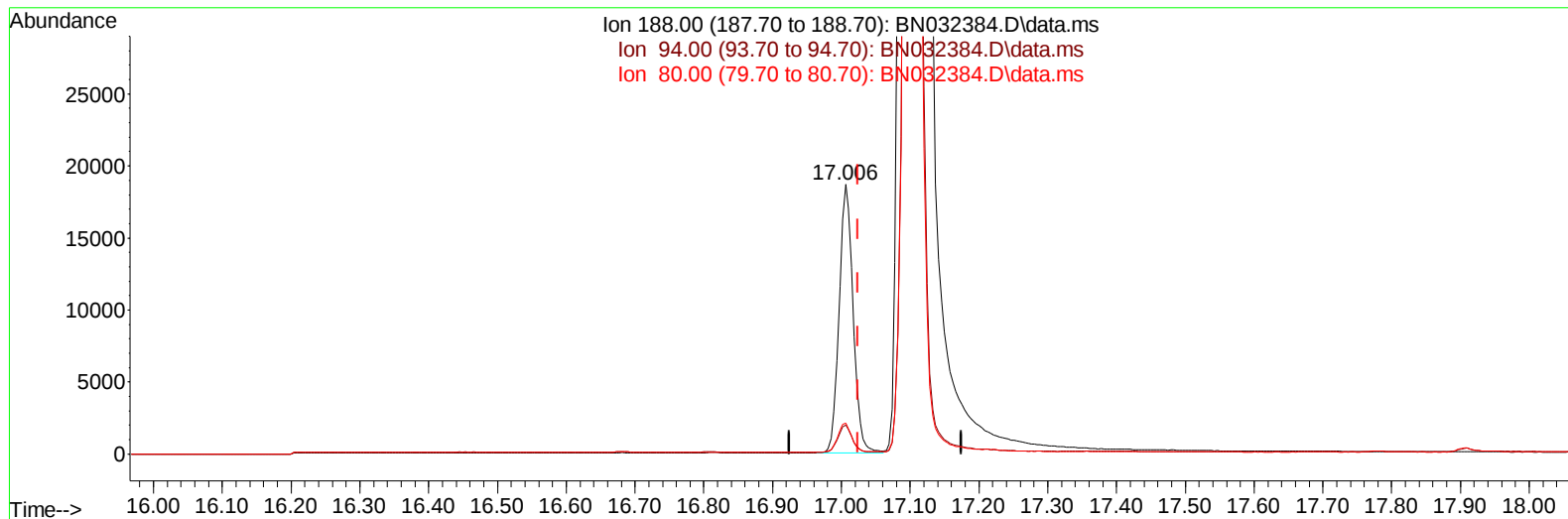
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032384.D
Acq On : 02 Jul 2024 05:09
Operator : MA/JU
Sample : P2871-20
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CN6

Manual IntegrationsAPPROVED

Quant Time: Jul 02 05:35:13 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032384.D\data.ms

(13) Phenanthrene-d10 (I)

17.006min (-0.018) 0.40 ng/ul m

response 26469

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	10.63
80.00	10.50	11.45
0.00	0.00	0.00

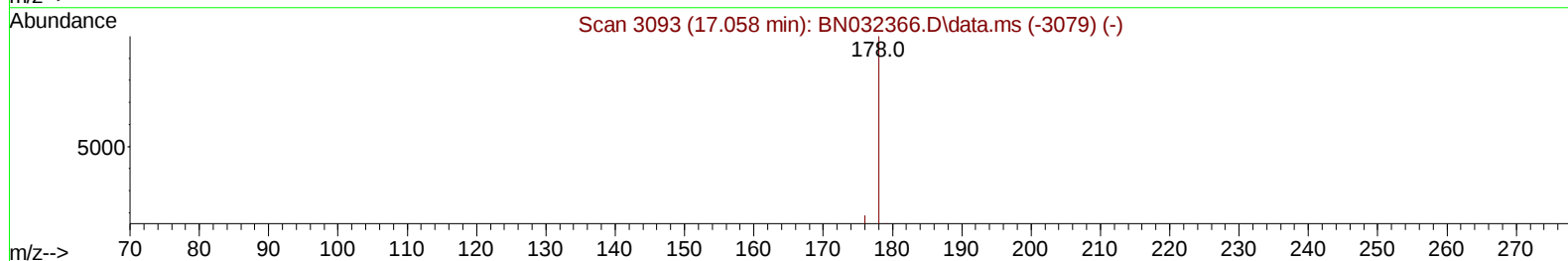
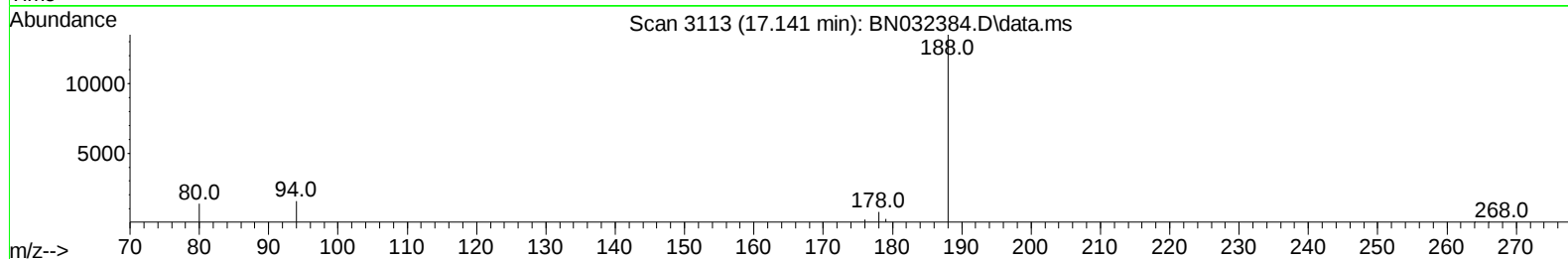
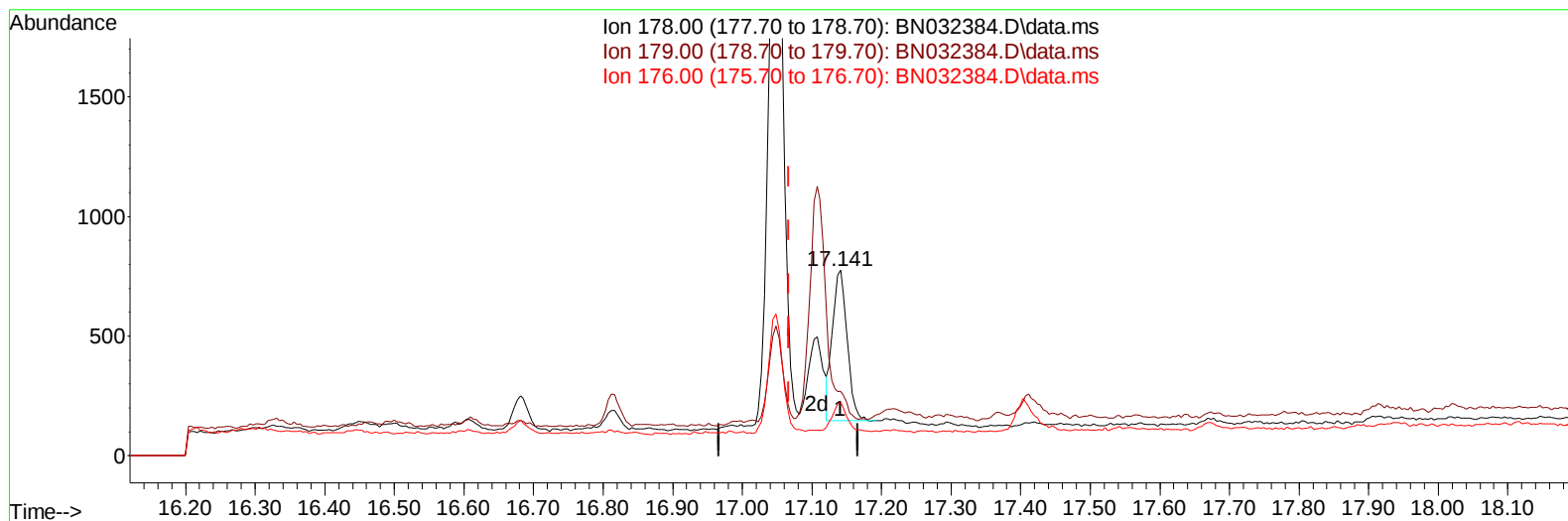
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032384.D
 Acq On : 02 Jul 2024 05:09
 Operator : MA/JU
 Sample : P2871-20
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CN6

Manual IntegrationsAPPROVED

Quant Time: Jul 02 05:35:13 2024
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 27 13:23:38 2024
 Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/02/2024
 Supervised By :mohammad ahmed 07/04/2024



TIC: BN032384.D\data.ms

(15) Phenanthrene

17.141min (+ 0.074) 0.01 ng/u1

response 936

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	34.71#
176.00	19.50	28.77#
0.00	0.00	0.00

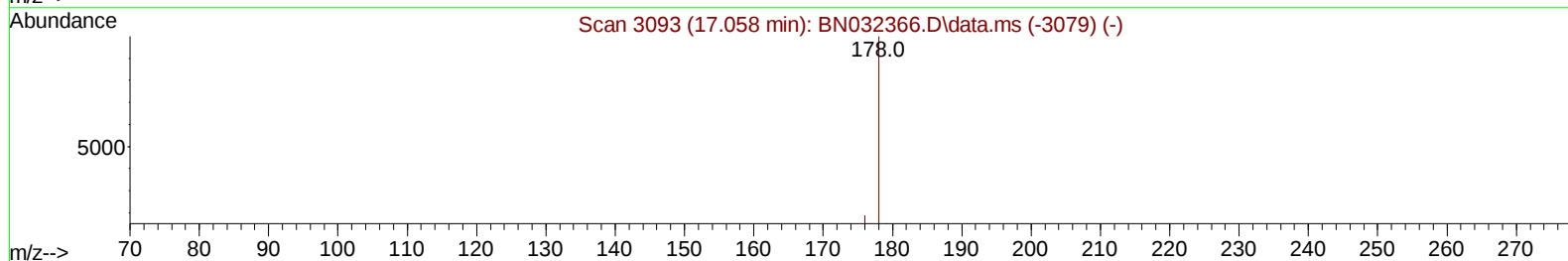
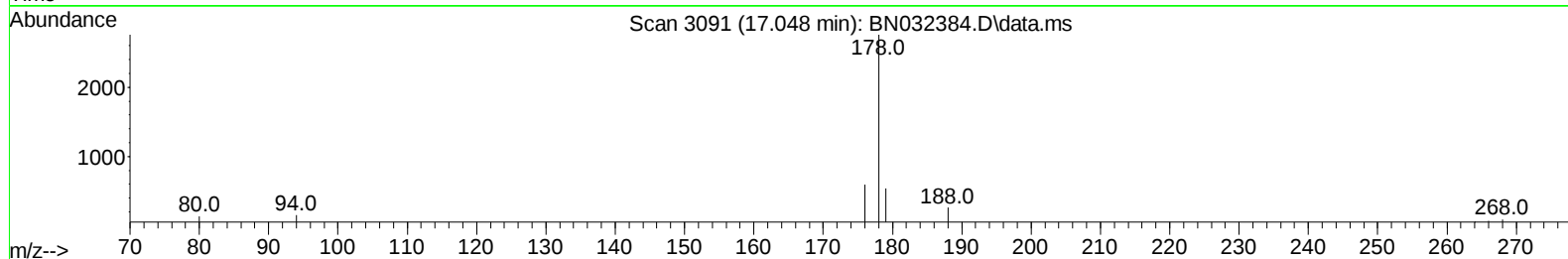
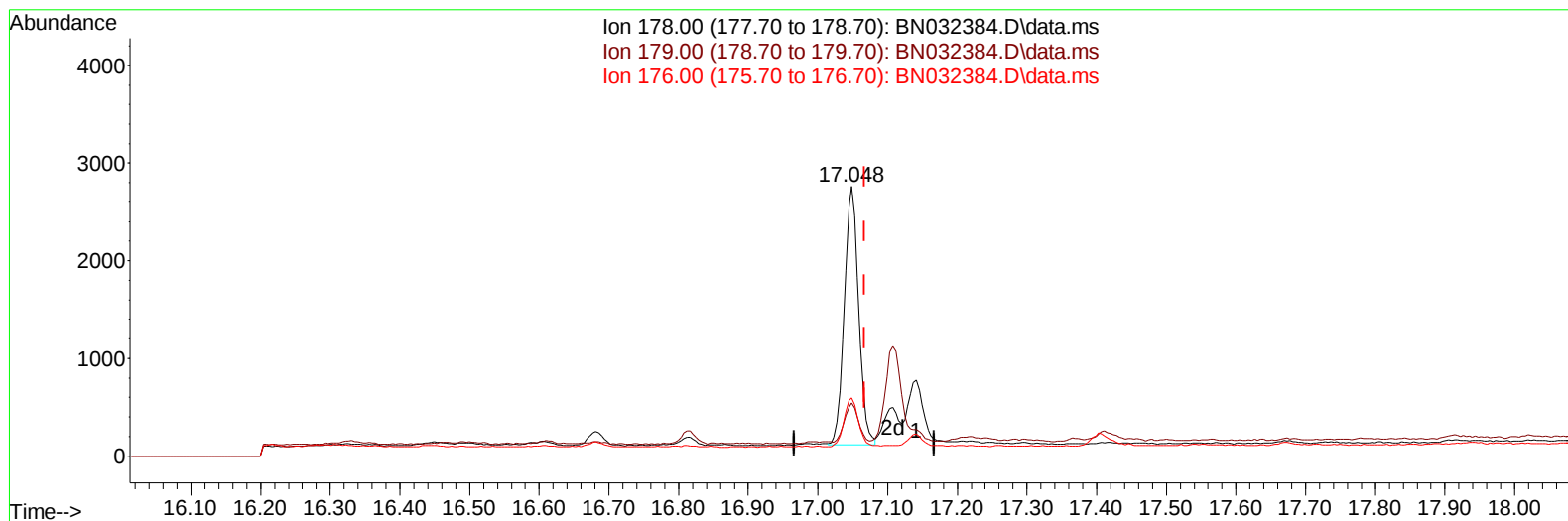
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032384.D
Acq On : 02 Jul 2024 05:09
Operator : MA/JU
Sample : P2871-20
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CN6

Manual IntegrationsAPPROVED

Quant Time: Jul 02 05:35:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032384.D\data.ms

(15) Phenanthrene

17.048min (-0.018) 0.05 ng/ul m

response 3777

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	19.67#
176.00	19.50	21.52
0.00	0.00	0.00

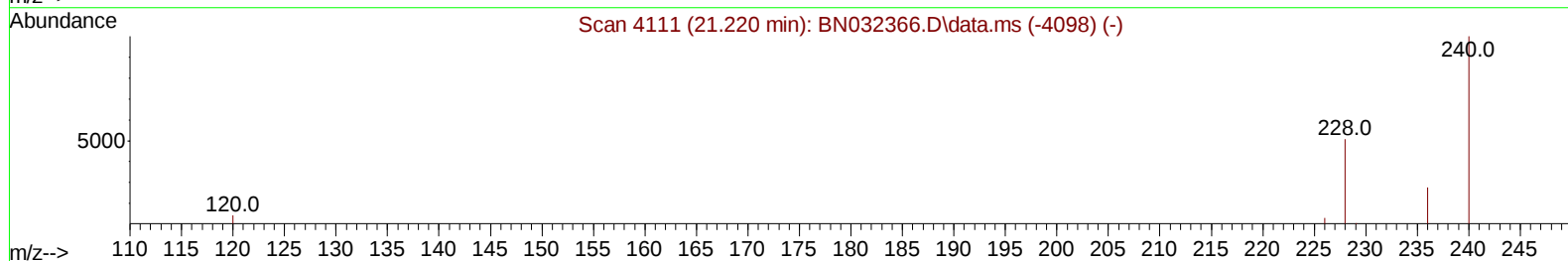
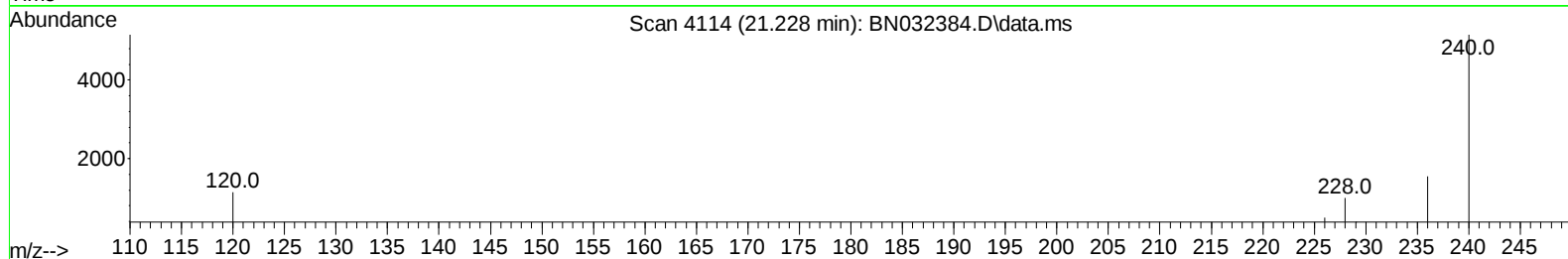
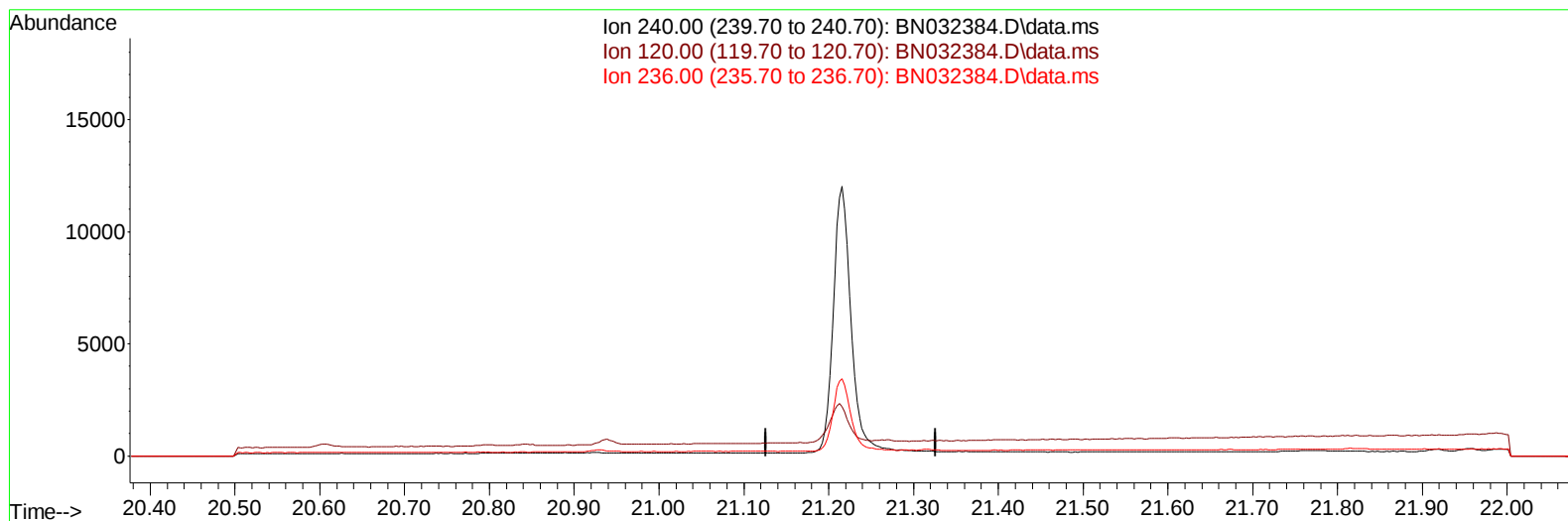
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032384.D
Acq On : 02 Jul 2024 05:09
Operator : MA/JU
Sample : P2871-20
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CN6

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jul 02 05:35:13 2024
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TIC: BN032384.D\data.ms

(17) Chrysene-d12

21.226min (-21.226) 0.00 ng/u1

response 0

Ion	Exp%	Act%
240.00	100.00	0.00
120.00	16.80	0.00#
236.00	28.40	0.00#
0.00	0.00	0.00

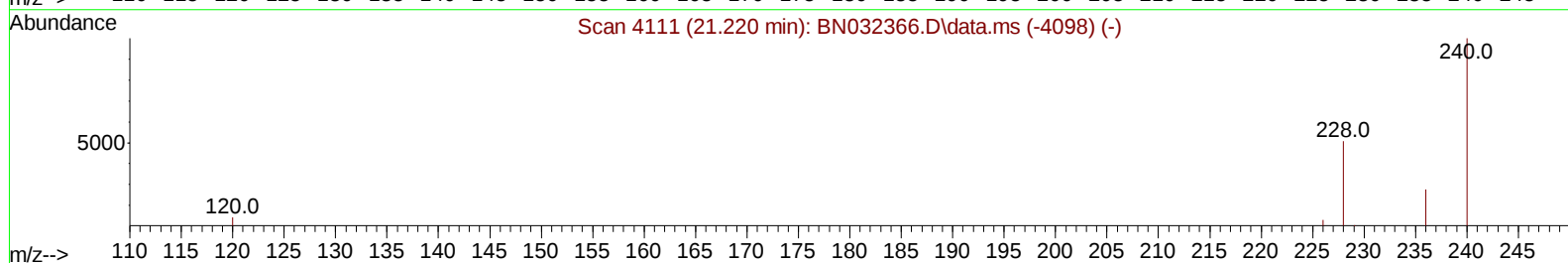
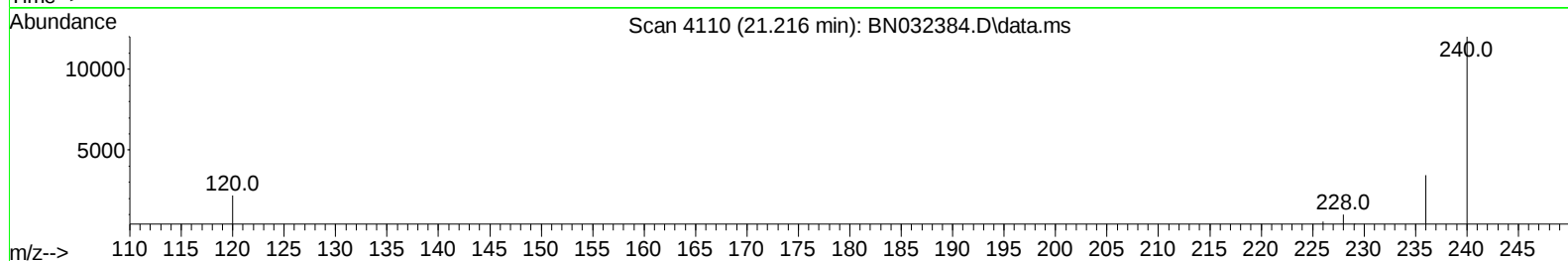
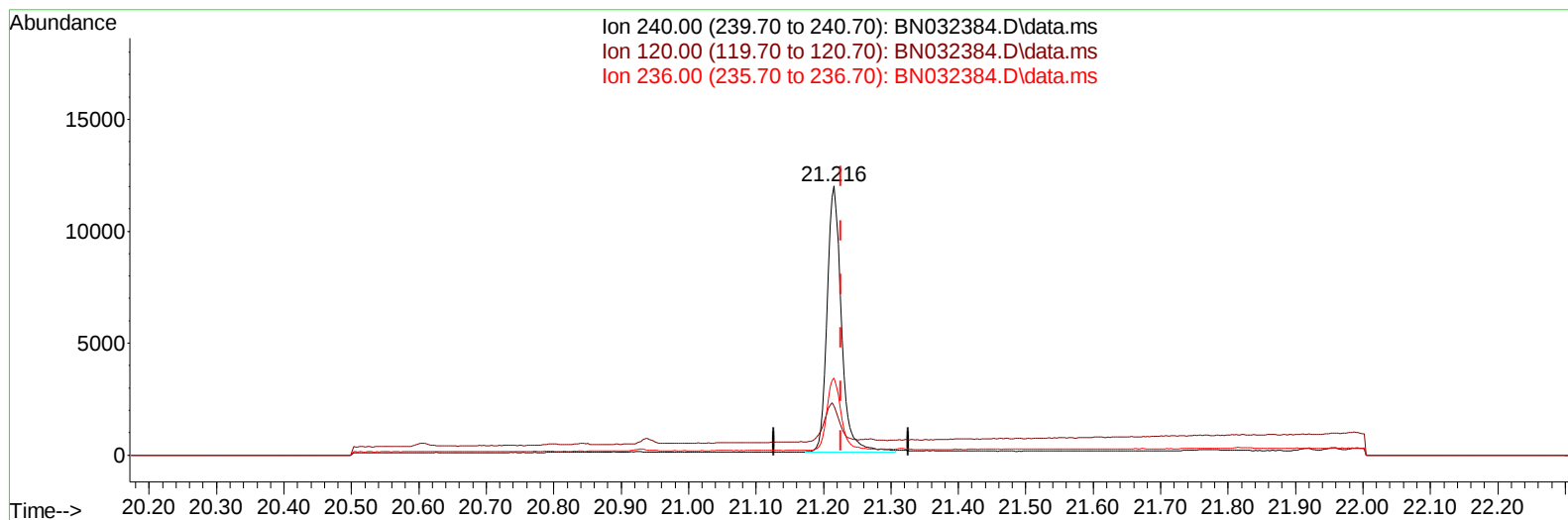
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032384.D
Acq On : 02 Jul 2024 05:09
Operator : MA/JU
Sample : P2871-20
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CN6

Manual IntegrationsAPPROVED

Quant Time: Jul 02 05:35:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Supervised By :mohammad ahmed 07/04/2024



TIC: BN032384.D\data.ms

(17) Chrysene-d12

21.216min (-0.010) 0.40 ng/ul m

response 17668

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.80	18.18
236.00	28.40	28.77
0.00	0.00	0.00

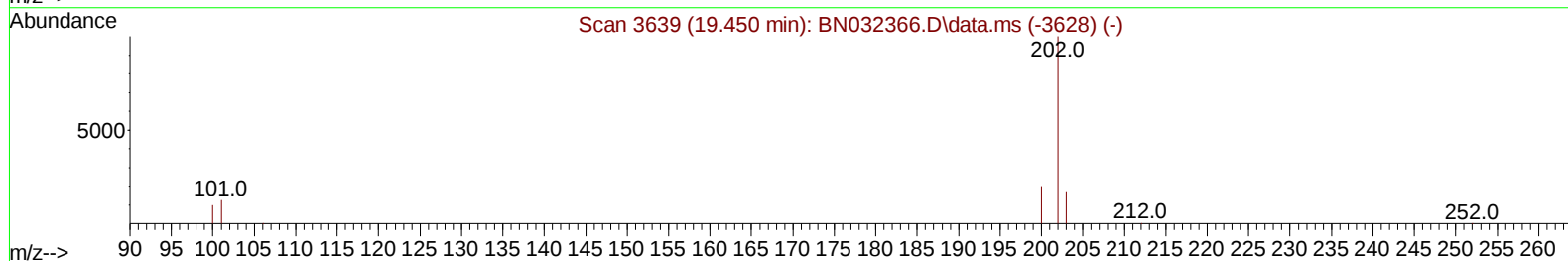
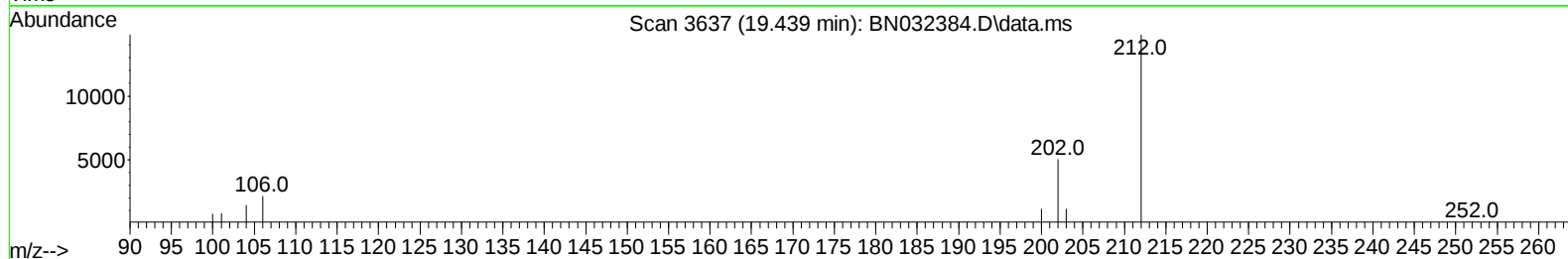
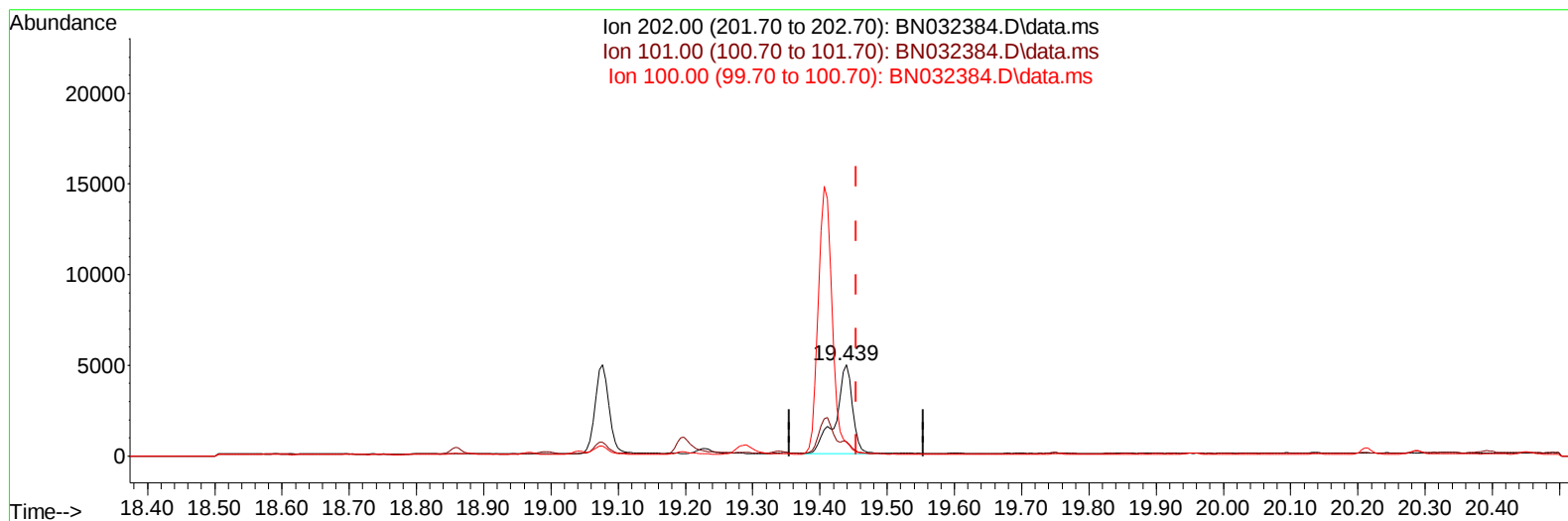
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Data File : BN032384.D
Acq On : 02 Jul 2024 05:09
Operator : MA/JU
Sample : P2871-20
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CN6

Manual IntegrationsAPPROVED

Quant Time: Jul 02 05:35:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
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TIC: BN032384.D\data.ms

(20) Pyrene

19.439min (-0.015) 0.12 ng/u1

response 8723

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.70	15.88
100.00	10.90	14.99#
0.00	0.00	0.00

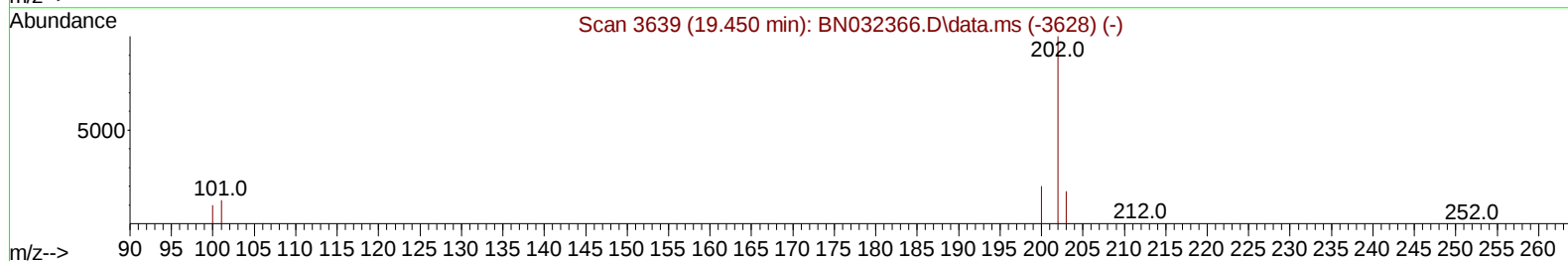
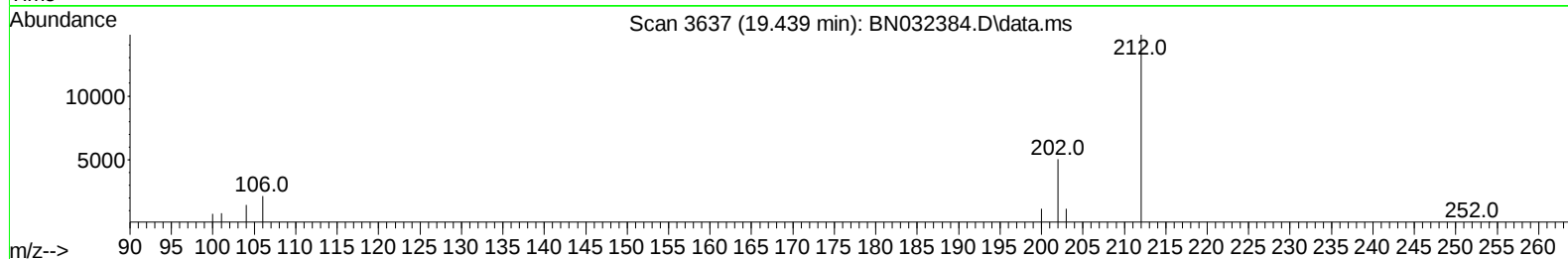
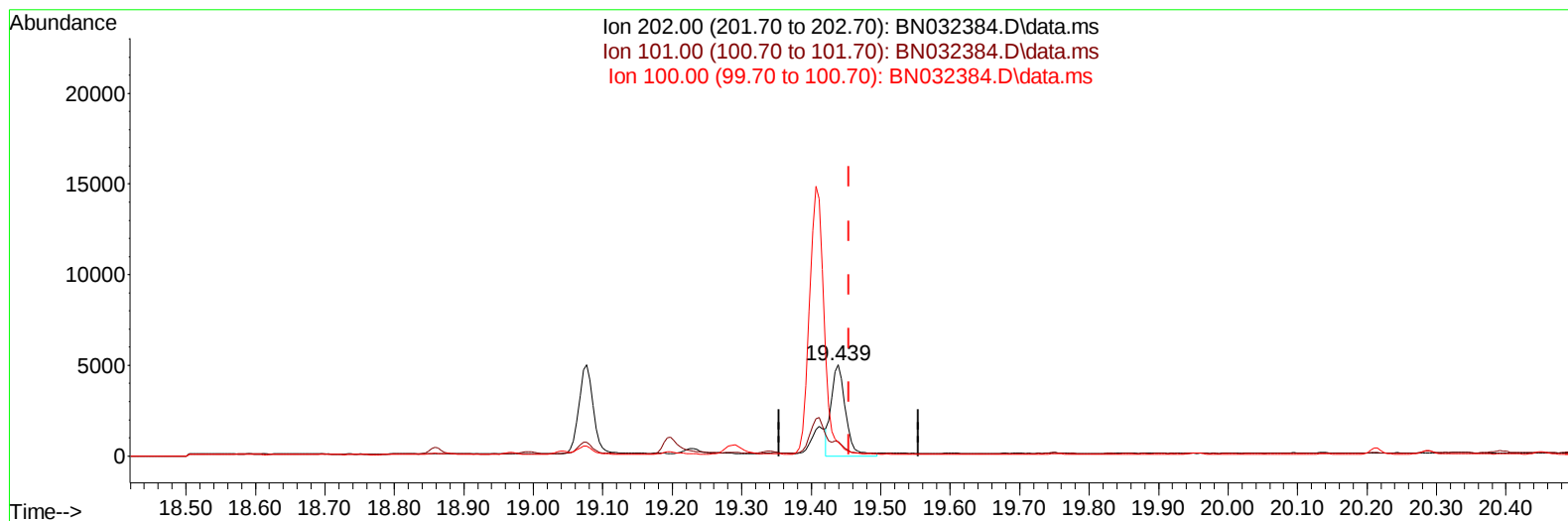
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032384.D
Acq On : 02 Jul 2024 05:09
Operator : MA/JU
Sample : P2871-20
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CN6

Manual IntegrationsAPPROVED

Quant Time: Jul 02 05:35:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
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TIC: BN032384.D\data.ms

(20) Pyrene

19.439min (-0.015) 0.10 ng/u1 m

response 7232

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	13.70	15.88
100.00	10.90	14.99#
0.00	0.00	0.00

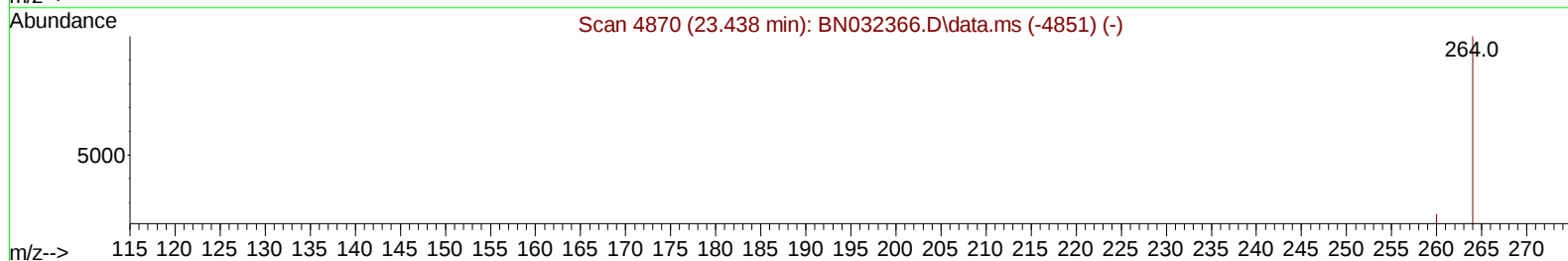
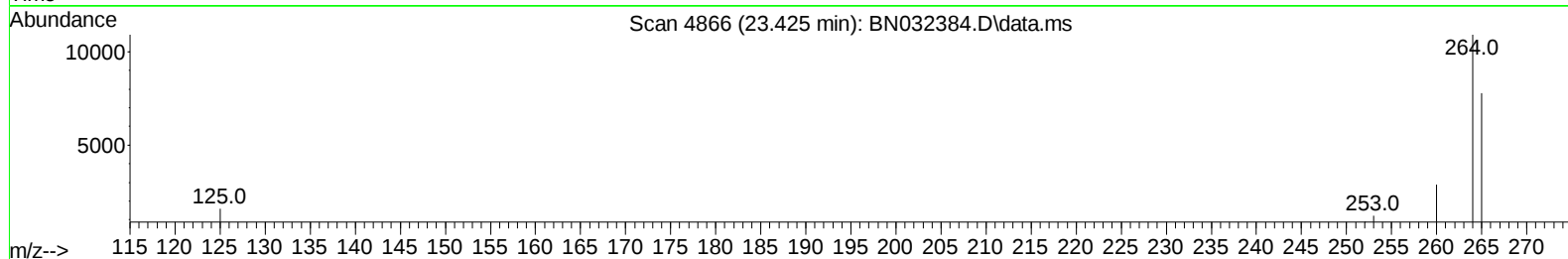
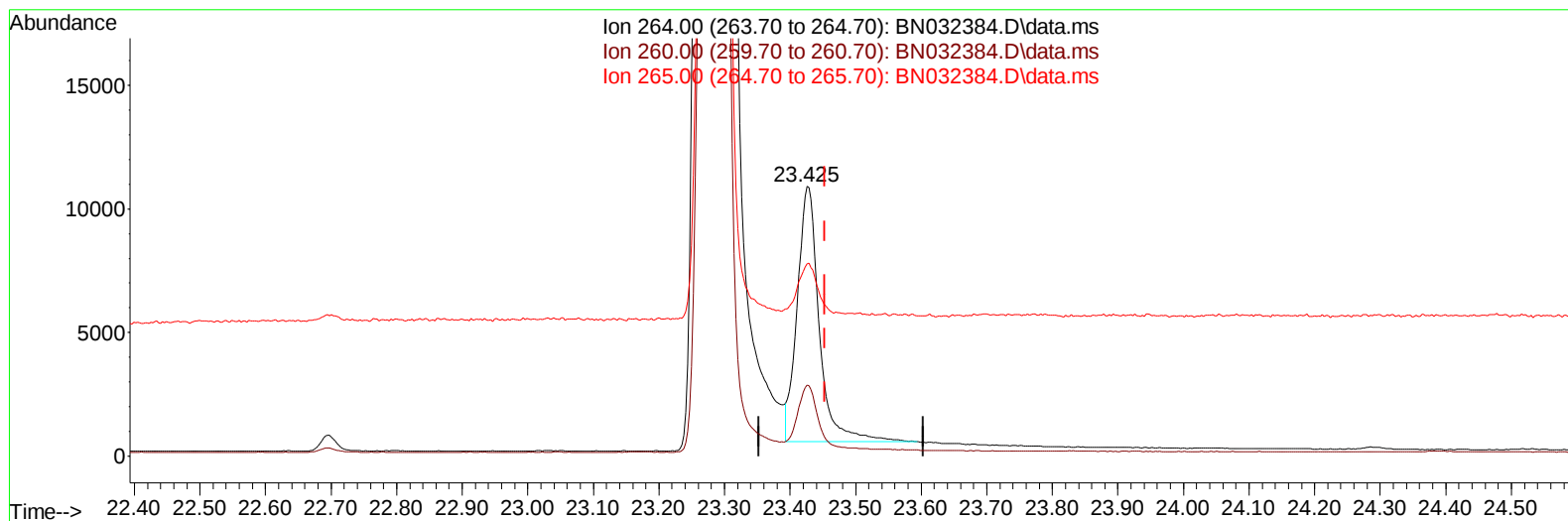
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032384.D
Acq On : 02 Jul 2024 05:09
Operator : MA/JU
Sample : P2871-20
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CN6

Manual IntegrationsAPPROVED

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TIC: BN032384.D\data.ms

(23) Perylene-d12 (I)

23.425min (-0.028) 0.40 ng/u1

response 23761

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.00	26.32
265.00	67.20	71.25
0.00	0.00	0.00

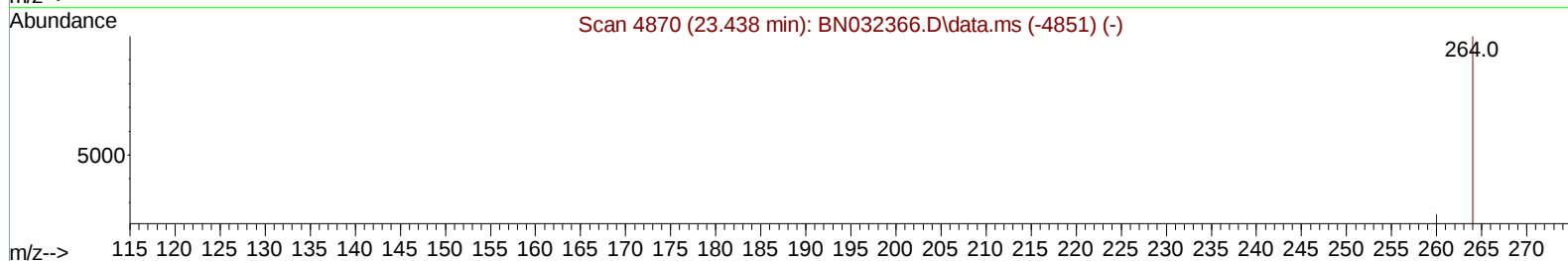
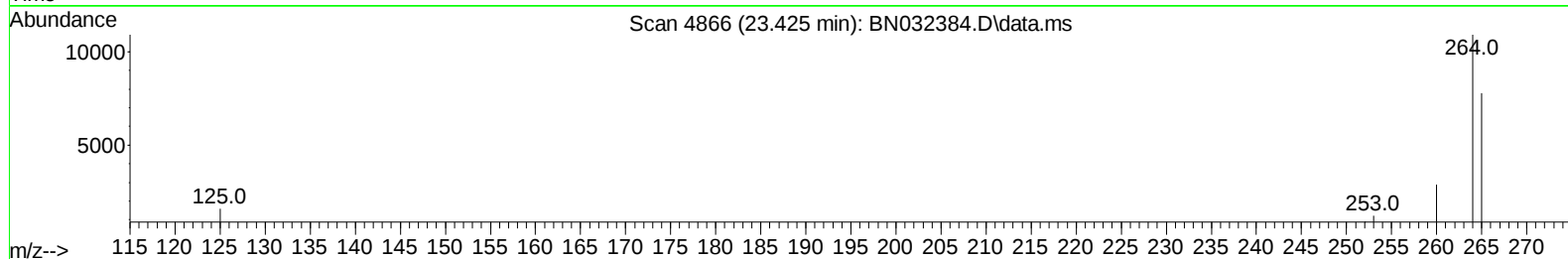
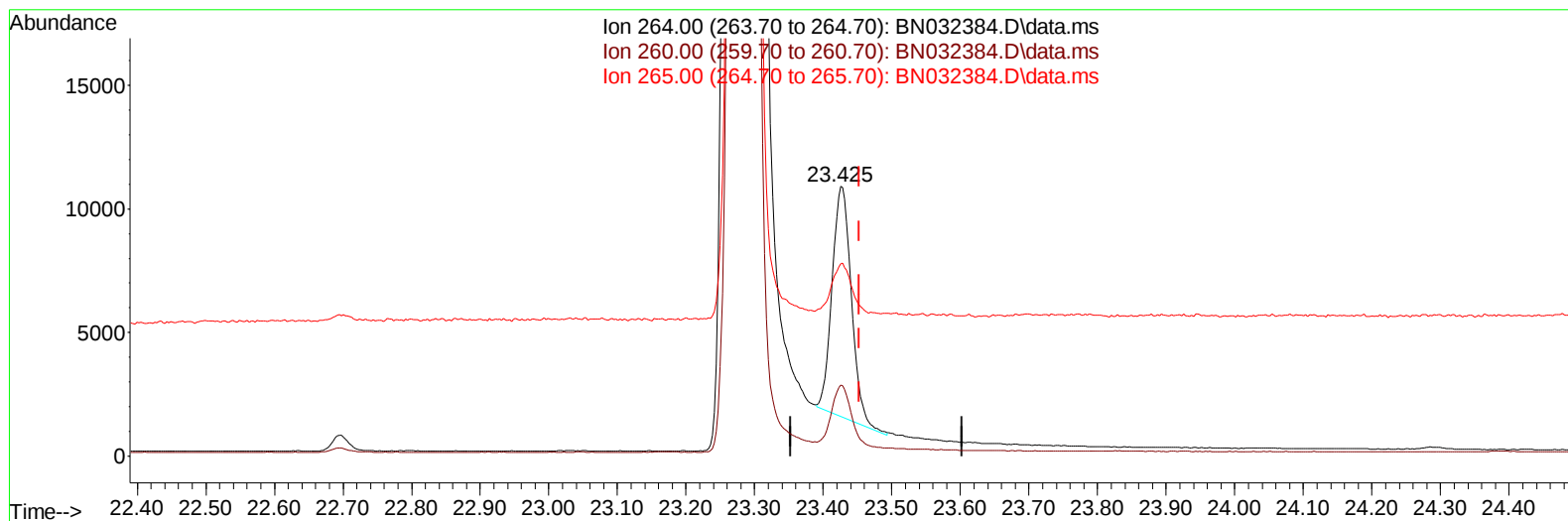
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032384.D
Acq On : 02 Jul 2024 05:09
Operator : MA/JU
Sample : P2871-20
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CN6

Manual IntegrationsAPPROVED

Quant Time: Jul 02 05:35:13 2024
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TIC: BN032384.D\data.ms

(23) Perylene-d12 (I)

23.425min (-0.028) 0.40 ng/ul m

response 18097

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.00	26.32
265.00	67.20	71.25
0.00	0.00	0.00

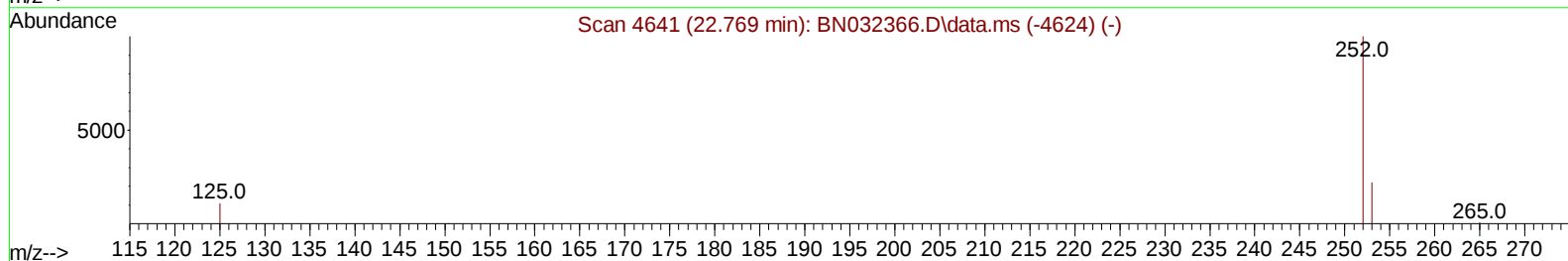
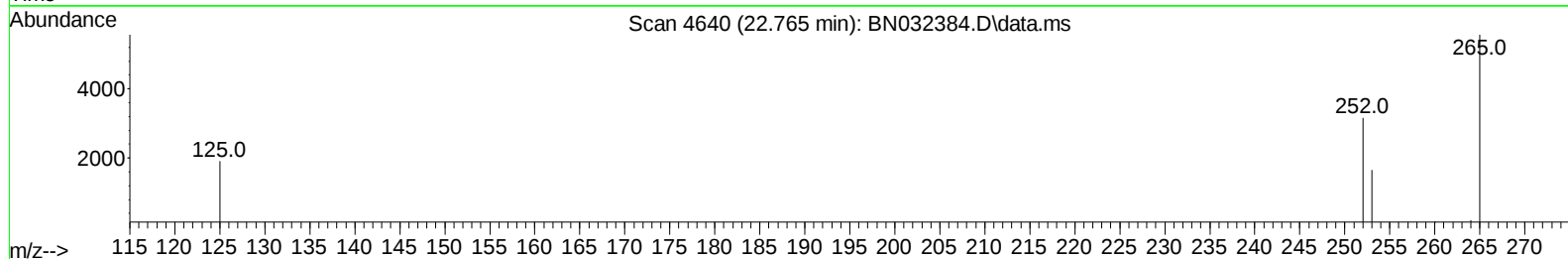
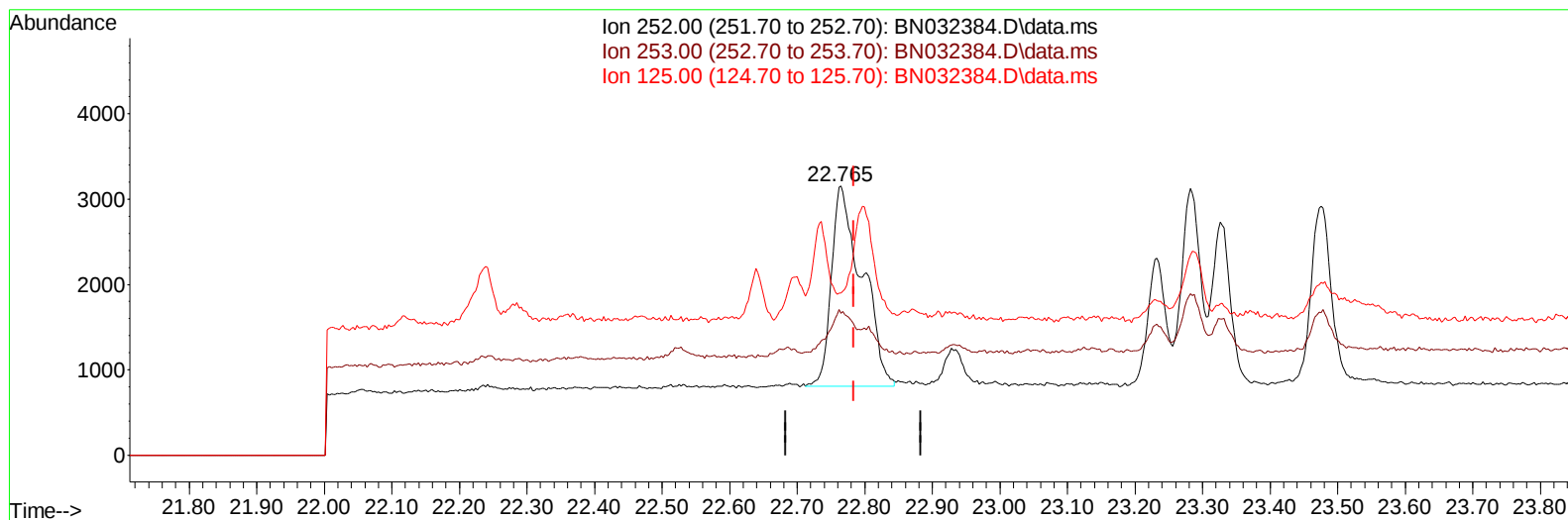
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032384.D
Acq On : 02 Jul 2024 05:09
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Sample : P2871-20
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CN6

Manual IntegrationsAPPROVED

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TIC: BN032384.D\data.ms

(24) Benzo(b)fluoranthene

22.765min (-0.019) 0.09 ng/u1

response 7375

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	52.65#
125.00	16.00	60.36#
0.00	0.00	0.00

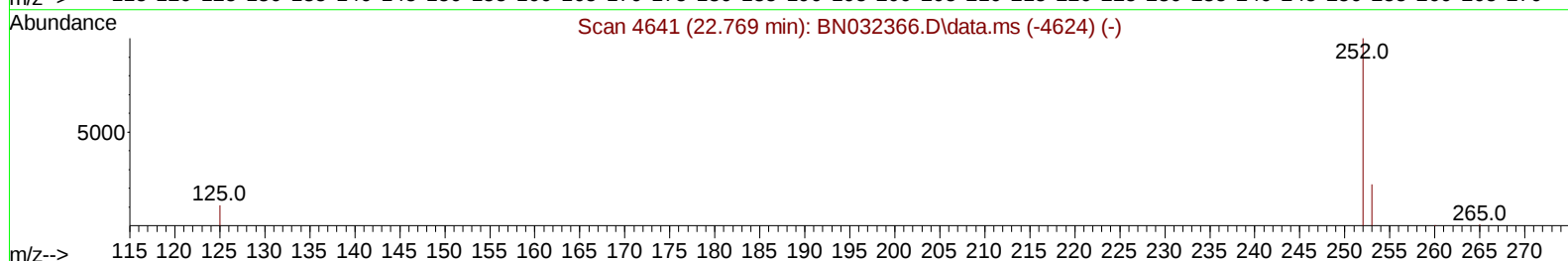
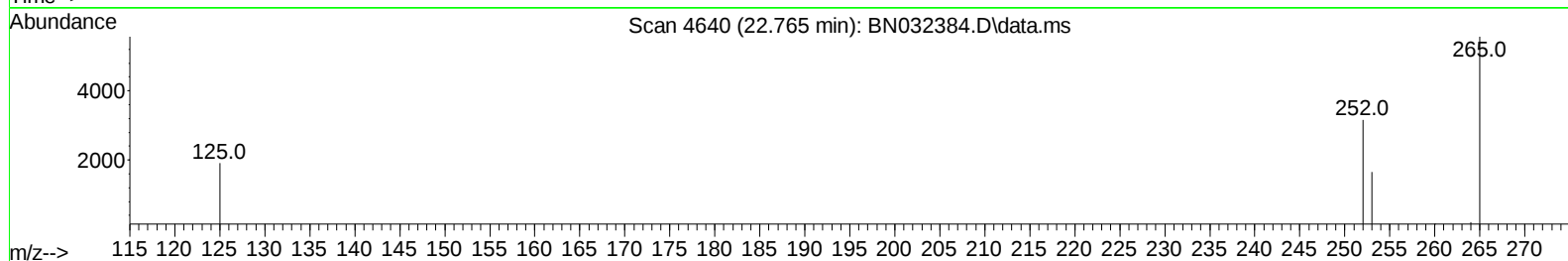
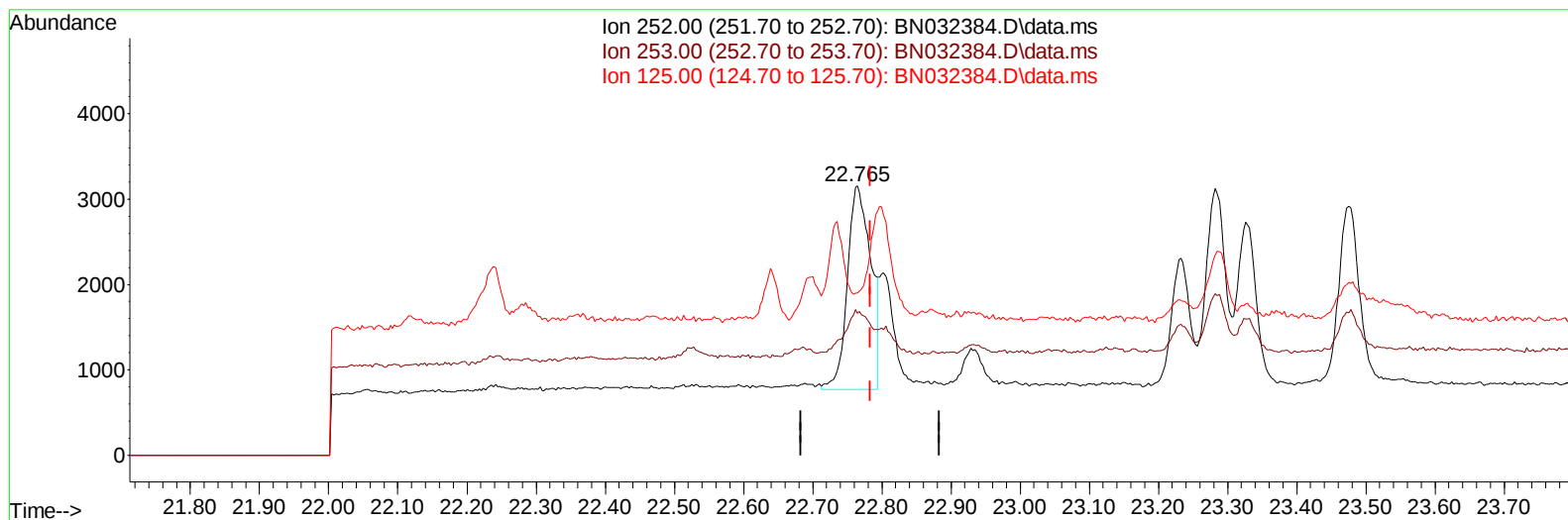
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032384.D
Acq On : 02 Jul 2024 05:09
Operator : MA/JU
Sample : P2871-20
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CN6

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 07/04/2024



TIC: BN032384.D\data.ms

(24) Benzo(b)fluoranthene

22.765min (-0.019) 0.07 ng/u1 m

response 5640

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	52.65#
125.00	16.00	60.36#
0.00	0.00	0.00

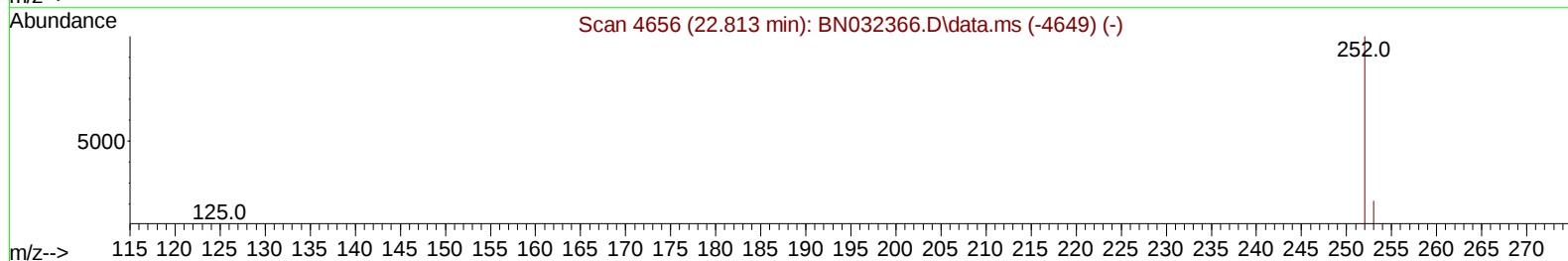
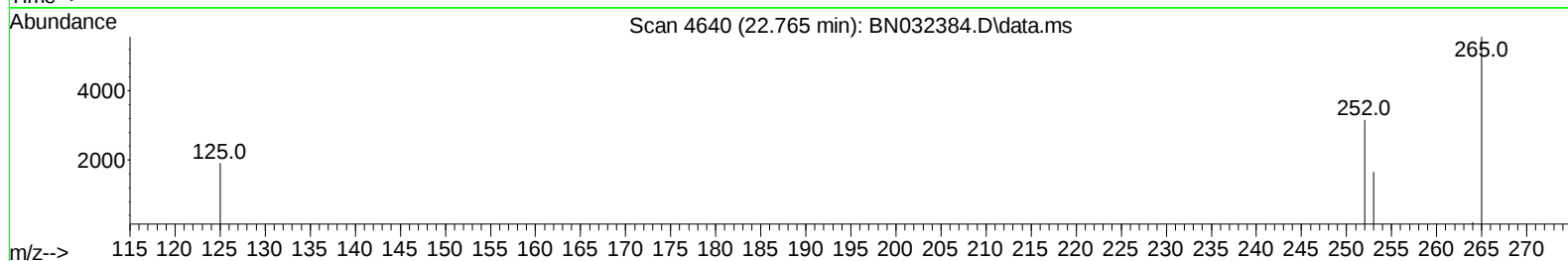
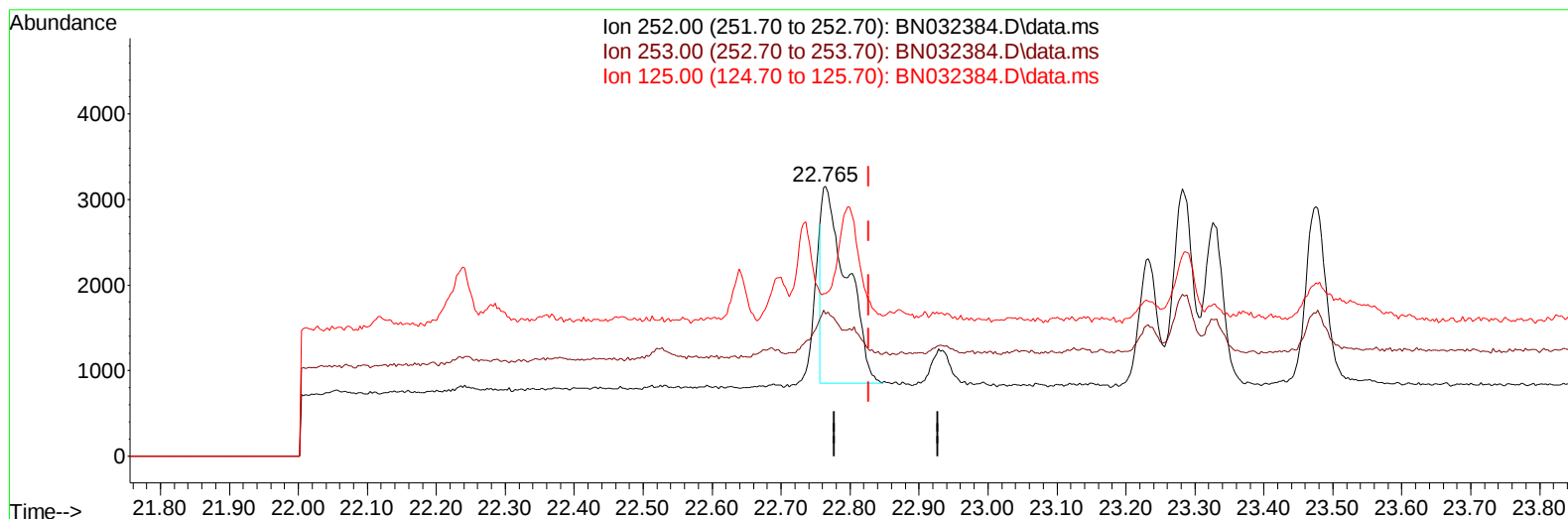
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032384.D
Acq On : 02 Jul 2024 05:09
Operator : MA/JU
Sample : P2871-20
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CN6

Manual IntegrationsAPPROVED

Quant Time: Jul 02 05:35:13 2024
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TIC: BN032384.D\data.ms

(25) Benzo(k)fluoranthene

22.765min (-0.063) 0.08 ng/u1

response 5815

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.40	52.65#
125.00	16.00	60.36#
0.00	0.00	0.00

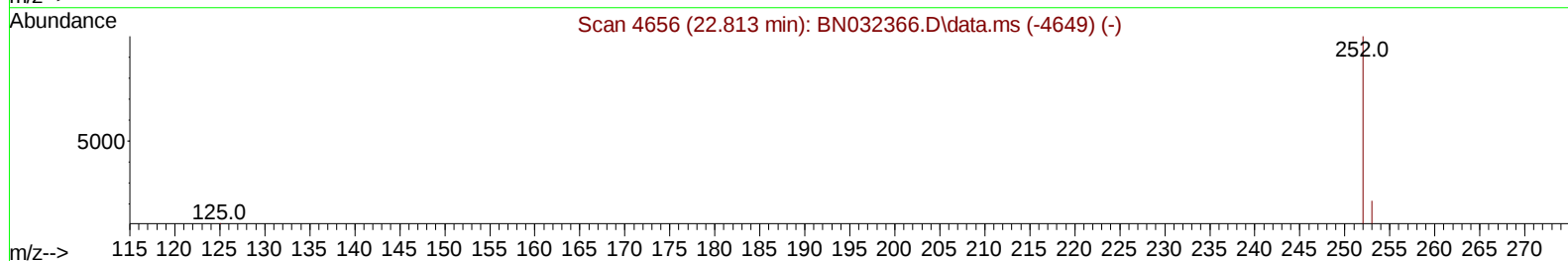
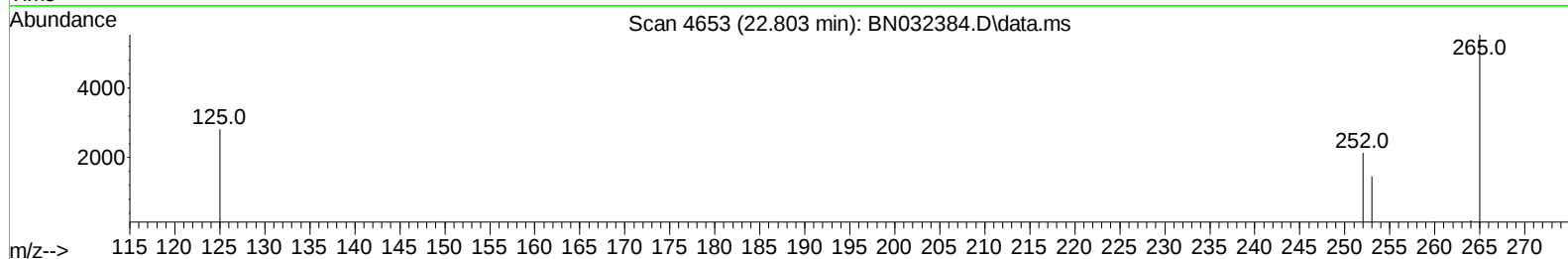
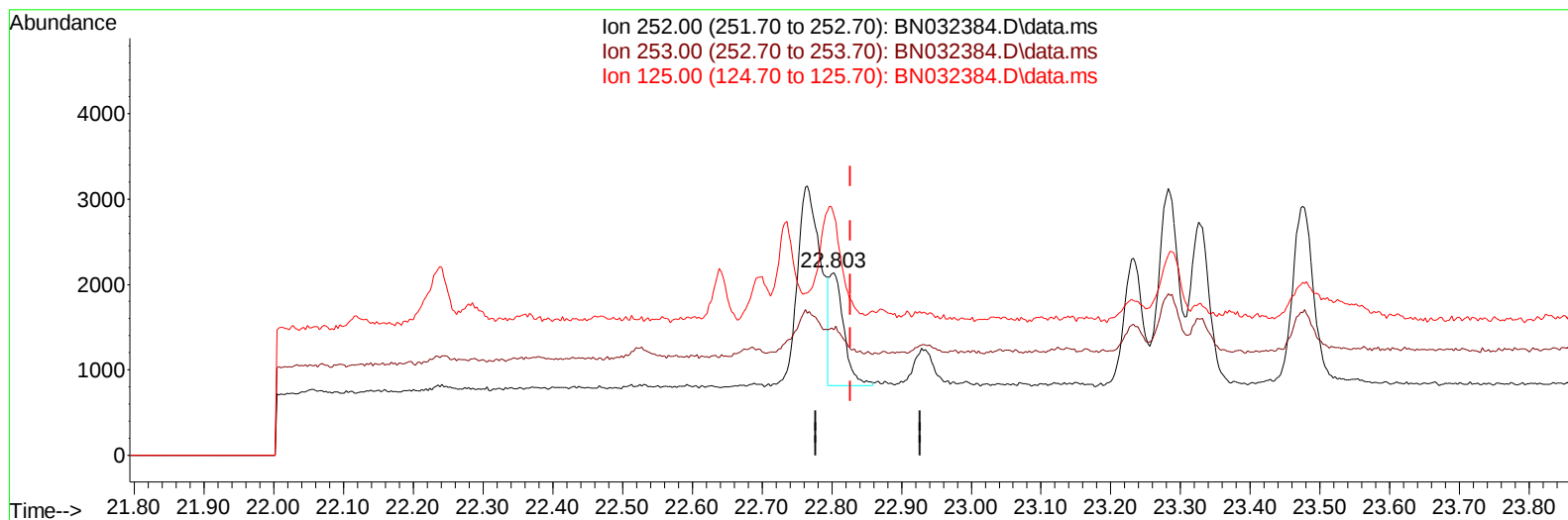
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032384.D
Acq On : 02 Jul 2024 05:09
Operator : MA/JU
Sample : P2871-20
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CN6

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jul 02 05:35:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
Response via : Initial Calibration



TIC: BN032384.D\data.ms

(25) Benzo(k)fluoranthene

22.803min (-0.025) 0.02 ng/u1 m

response 1907

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.40	68.71#
125.00	16.00	131.57#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032384.D
 Acq On : 02 Jul 2024 05:09
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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.607	152		8088	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.380	136		25894	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.252	164		14738	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.006	188		26469m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.216	240		17668m	0.400	ng/ul	-0.01
23) Perylene-d12	23.425	264		18097m	0.400	ng/ul	-0.03
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.148	96		28566	3.177	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.981	152		9529	0.245	ng/ul	-0.02
18) Fluoranthene-d10	19.044	212		16761	0.315	ng/ul	-0.02
Target Compounds							Qvalue
15) Phenanthrene	17.048	178		3777m	0.052	ng/ul	
19) Fluoranthene	19.076	202		7141	0.106	ng/ul#	91
20) Pyrene	19.439	202		7232m	0.103	ng/ul	
21) Benzo(a)anthracene	21.201	228		3803	0.060	ng/ul#	82
22) Chrysene	21.251	228		3590	0.051	ng/ul#	86
24) Benzo(b)fluoranthene	22.765	252		5640m	0.072	ng/ul	
25) Benzo(k)fluoranthene	22.803	252		1907m	0.025	ng/ul	
26) Benzo(a)pyrene	23.326	252		3340	0.061	ng/ul#	26
27) Indeno(1,2,3-cd)pyrene	25.665	276		3005	0.035	ng/ul#	83
29) Benzo(g,h,i)perylene	26.349	276		2933	0.043	ng/ul#	52

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

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