

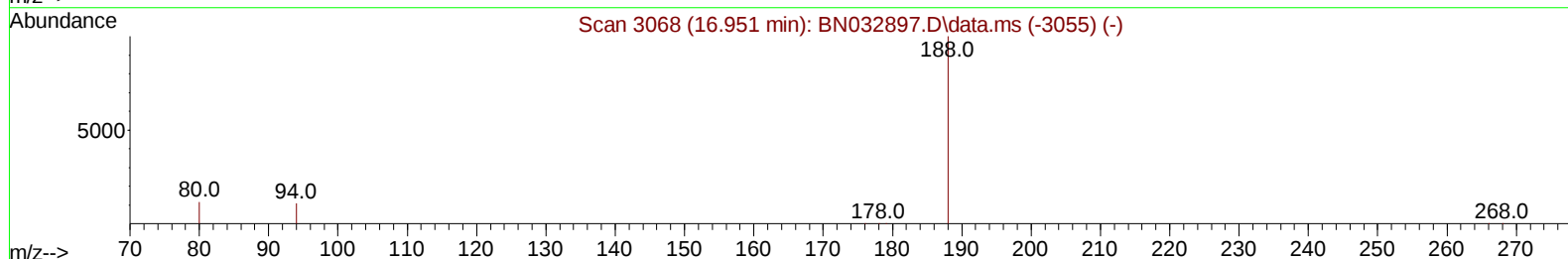
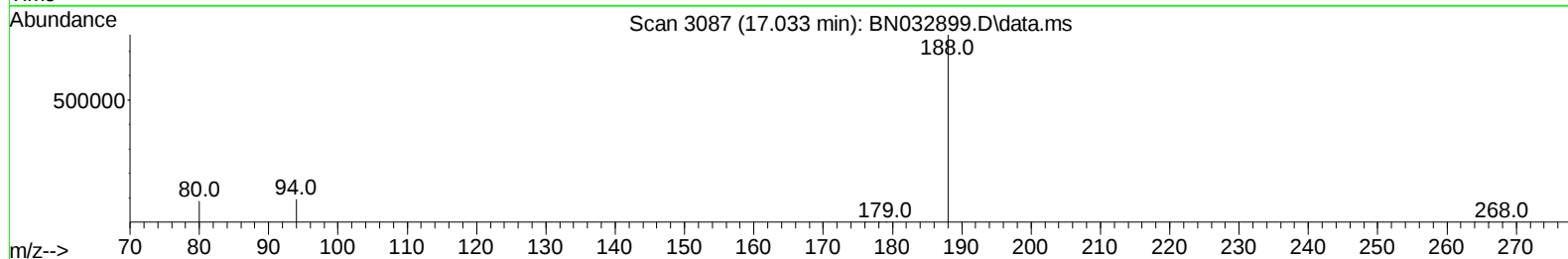
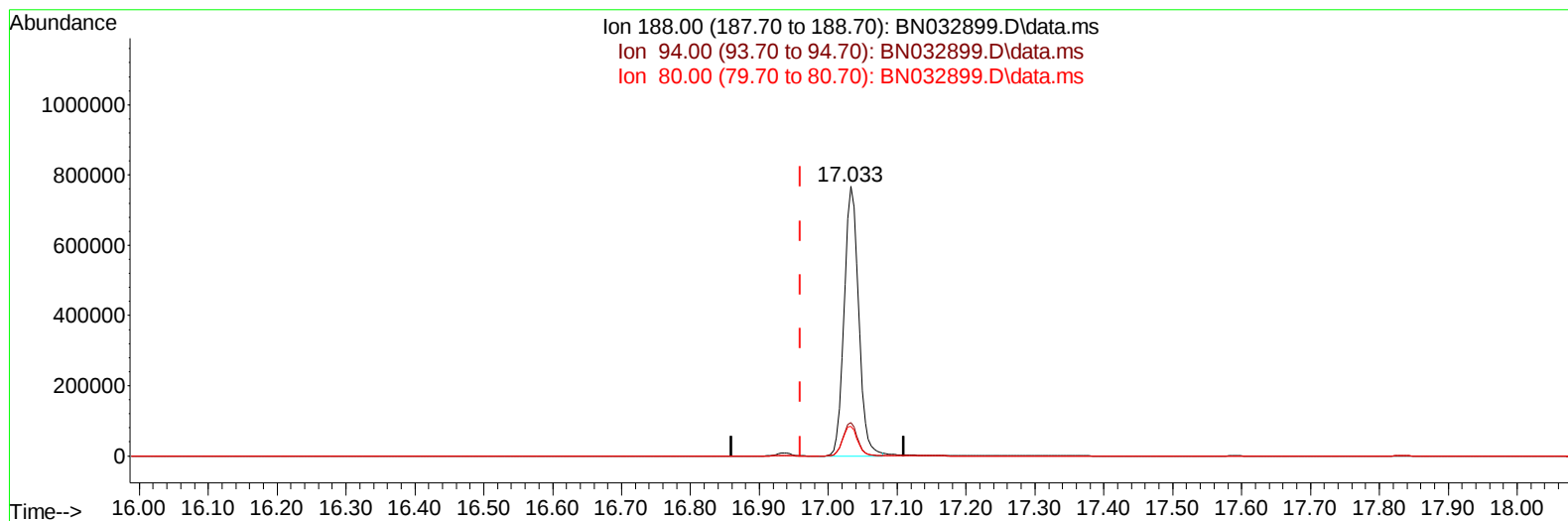
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072224\
Data File : BN032899.D
Acq On : 22 Jul 2024 18:35
Operator : MA/JU
Sample : P3215-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BD4

Manual IntegrationsAPPROVED

Quant Time: Jul 23 01:35:35 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 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



TIC: BN032899.D\data.ms

(13) Phenanthrene-d10 (I)

17.033min (+ 0.073) 0.40 ng/u1

response 1121332

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.00	12.30
80.00	12.00	11.08
0.00	0.00	0.00

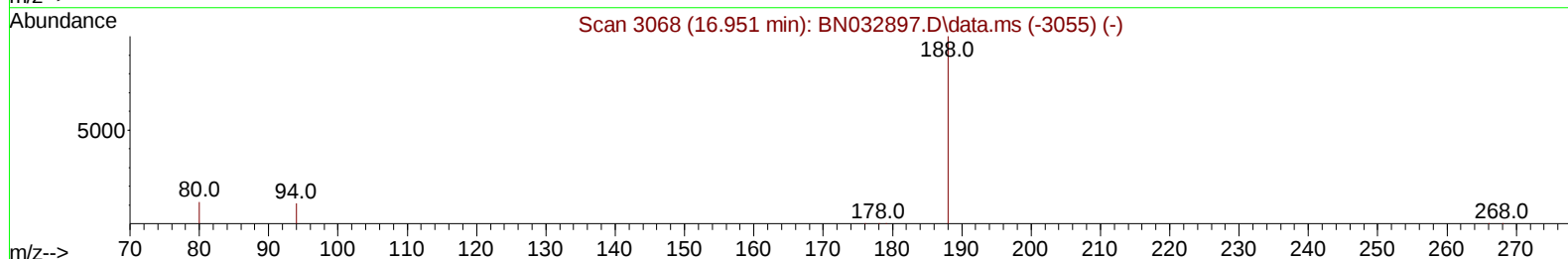
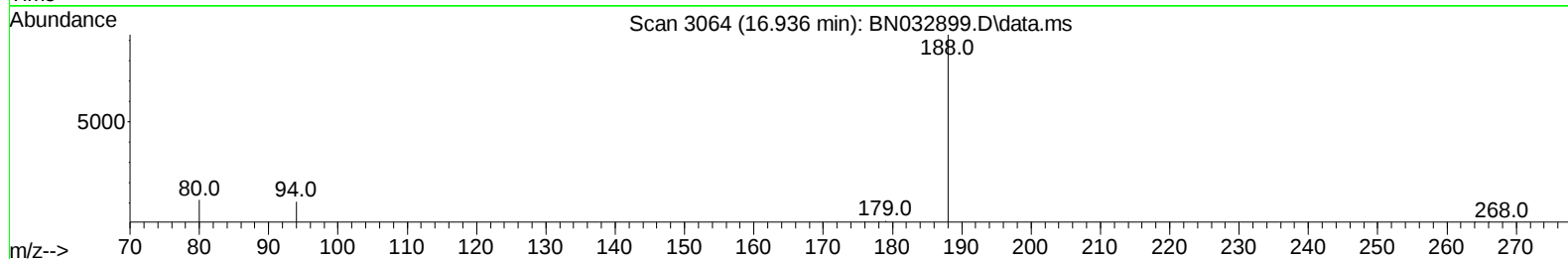
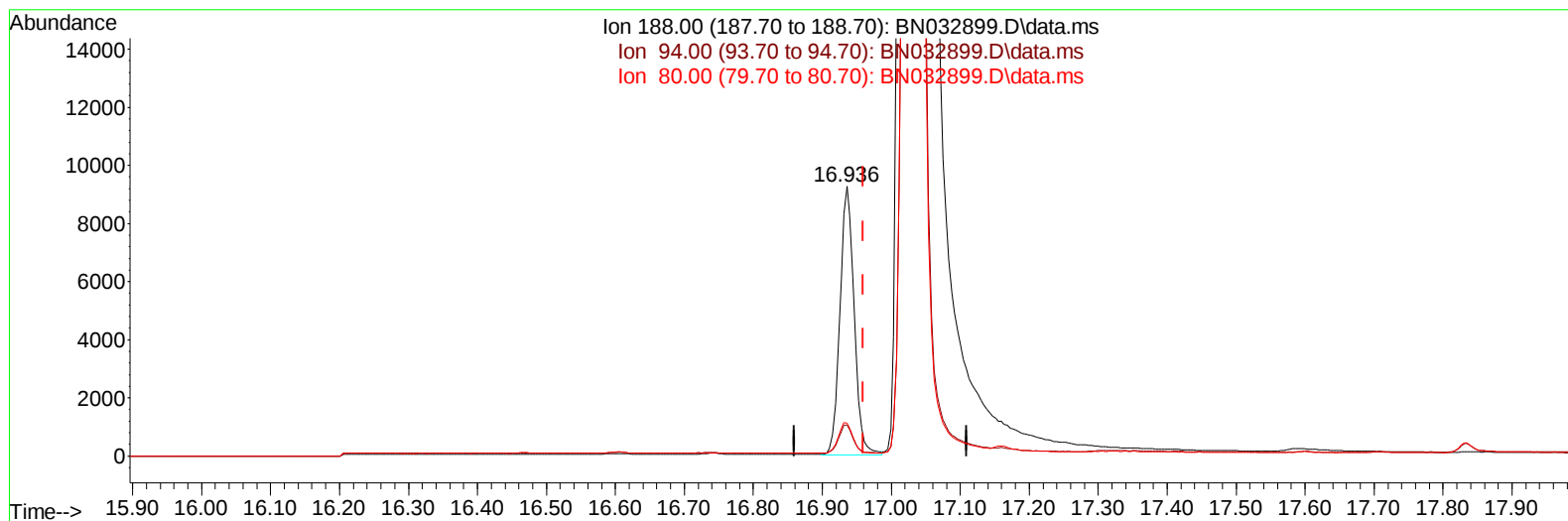
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072224\
Data File : BN032899.D
Acq On : 22 Jul 2024 18:35
Operator : MA/JU
Sample : P3215-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BD4

Manual IntegrationsAPPROVED

Quant Time: Jul 23 01:35:35 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 20 01:52:15 2024
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Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



TIC: BN032899.D\data.ms

(13) Phenanthrene-d10 (I)

16.936min (-0.024) 0.40 ng/u1 m

response 13204

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	11.00	11.47
80.00	12.00	12.19
0.00	0.00	0.00

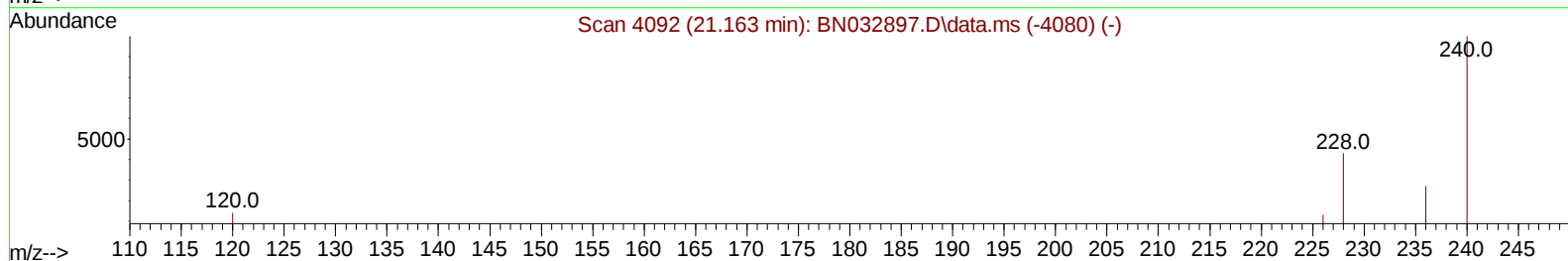
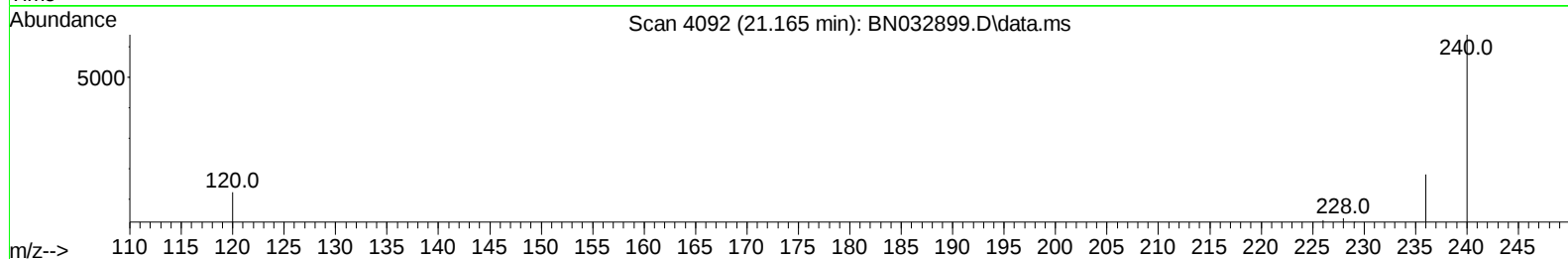
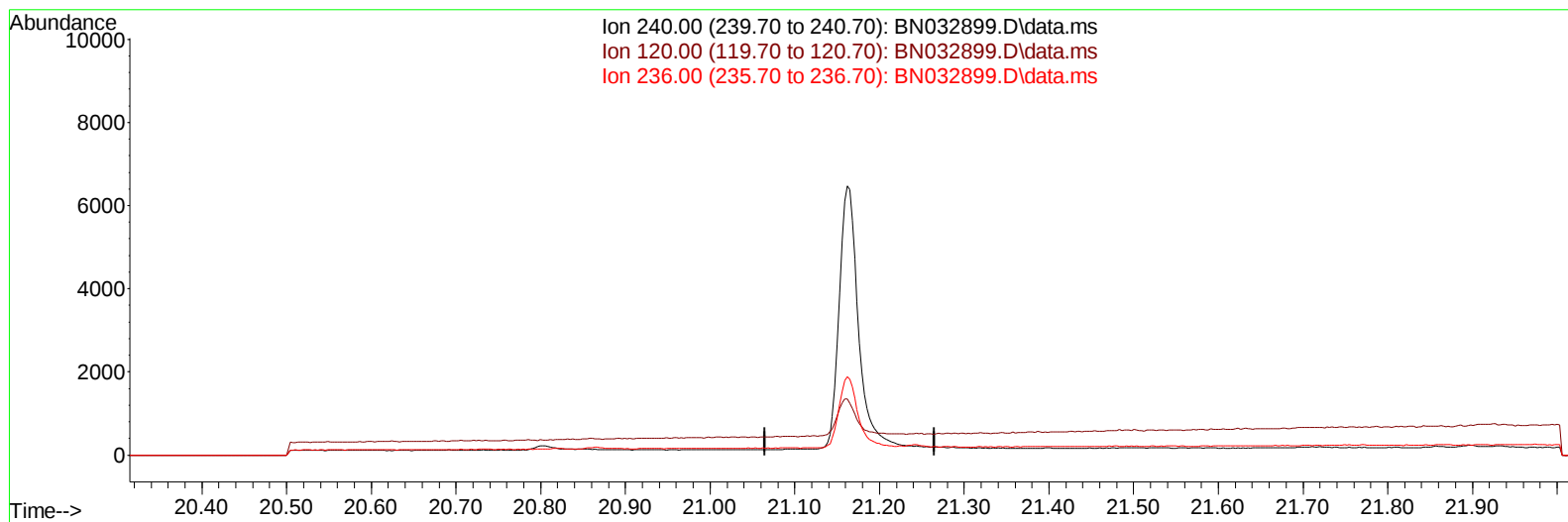
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072224\
Data File : BN032899.D
Acq On : 22 Jul 2024 18:35
Operator : MA/JU
Sample : P3215-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BD4

Manual IntegrationsAPPROVED

Quant Time: Jul 23 01:35:35 2024
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Reviewed By :Yogesh Patel 07/23/2024
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TIC: BN032899.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

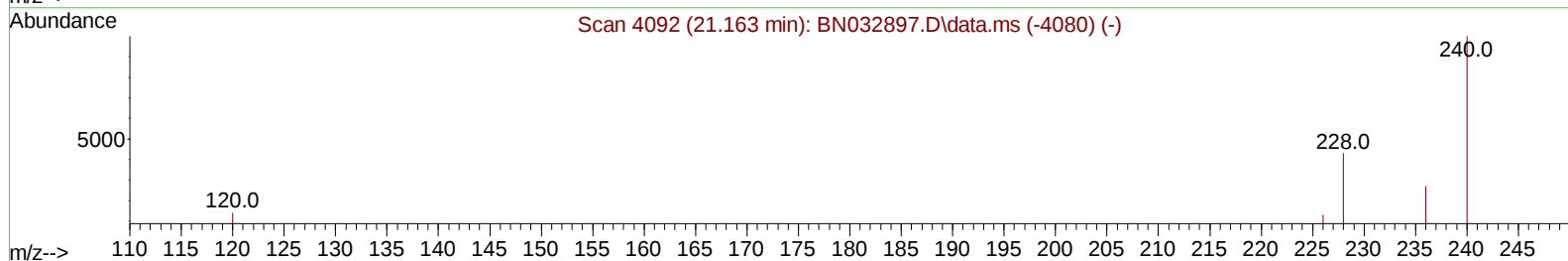
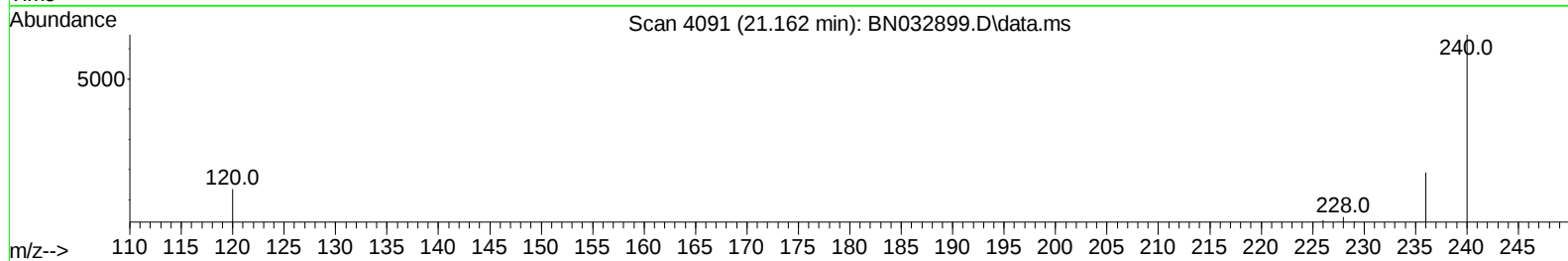
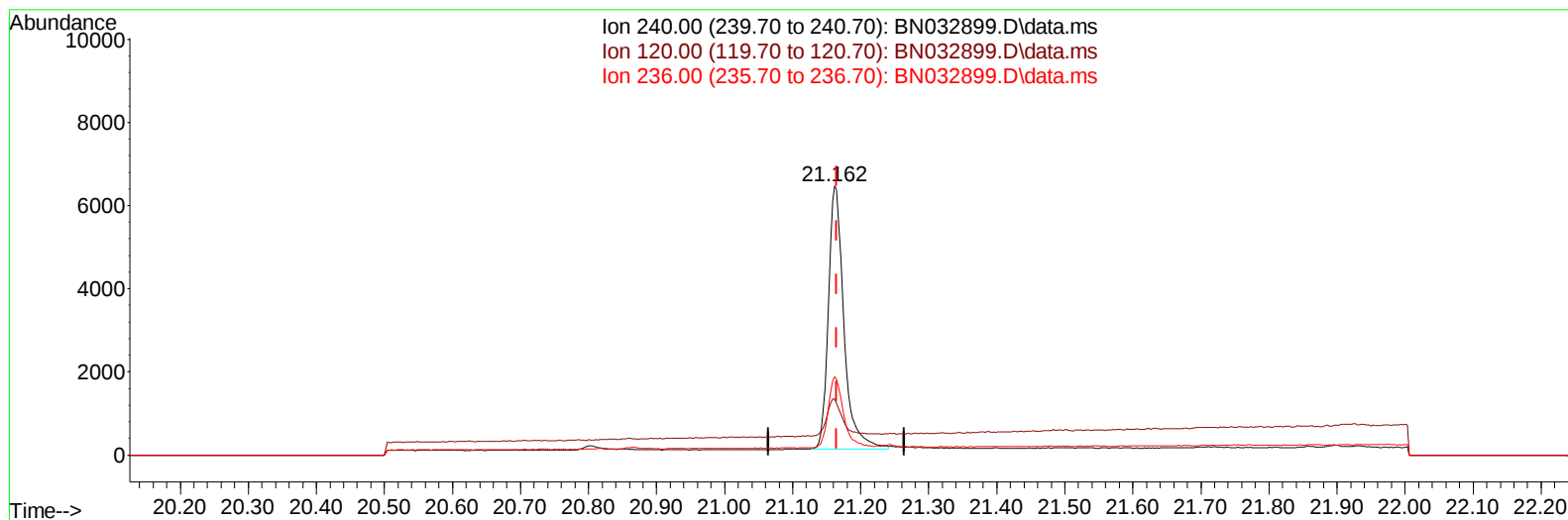
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072224\
Data File : BN032899.D
Acq On : 22 Jul 2024 18:35
Operator : MA/JU
Sample : P3215-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BD4

Manual IntegrationsAPPROVED

Quant Time: Jul 23 01:35:35 2024
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TIC: BN032899.D\data.ms

(17) Chrysene-d12

21.162min (-0.003) 0.40 ng/u1 m

response 10114

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	18.00	20.83
236.00	28.40	29.24
0.00	0.00	0.00

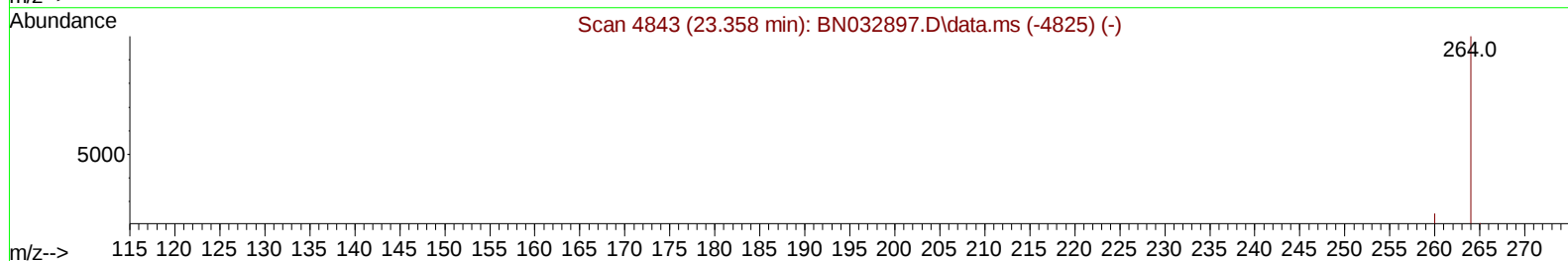
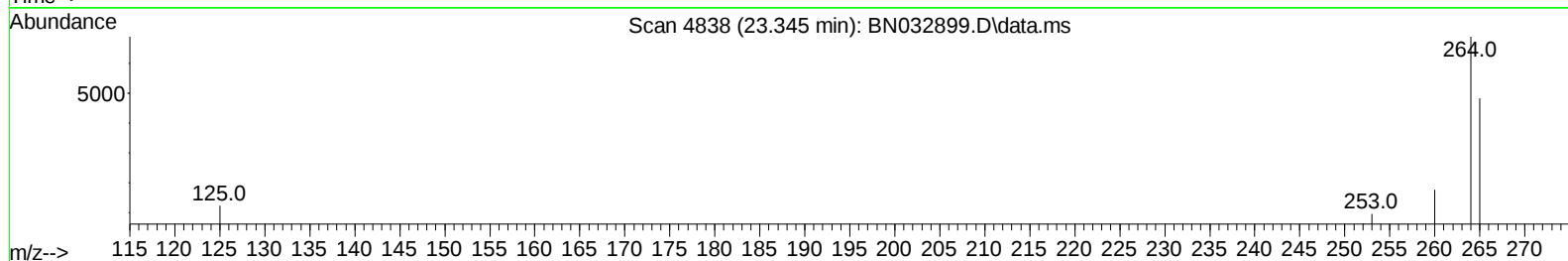
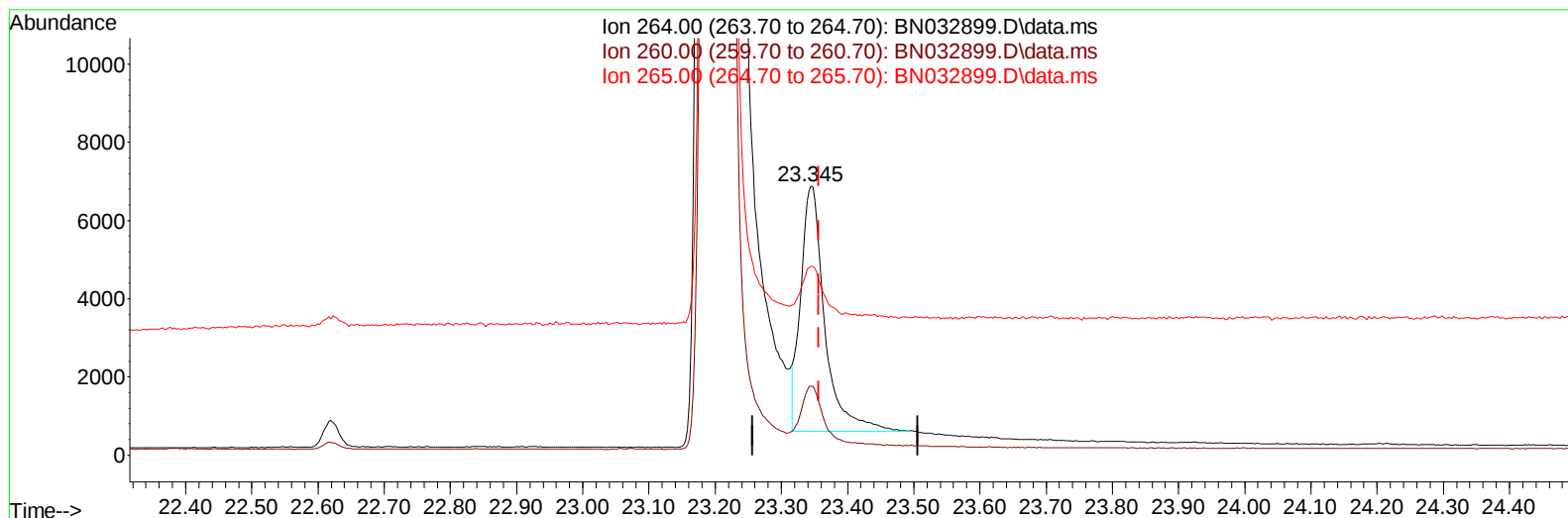
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072224\
 Data File : BN032899.D
 Acq On : 22 Jul 2024 18:35
 Operator : MA/JU
 Sample : P3215-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BD4

Manual IntegrationsAPPROVED

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TIC: BN032899.D\data.ms

(23) Perylene-d12 (I)

23.345min (-0.012) 0.40 ng/u1

response 15922

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.10	25.57
265.00	95.50	70.19#
0.00	0.00	0.00

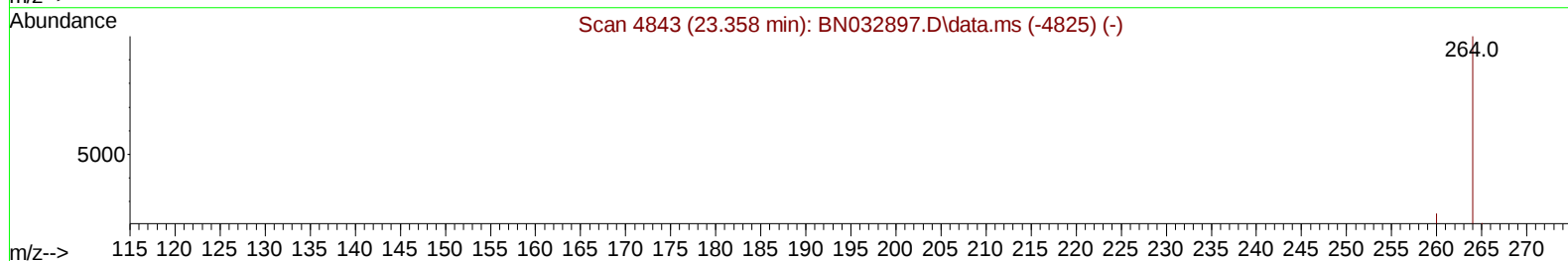
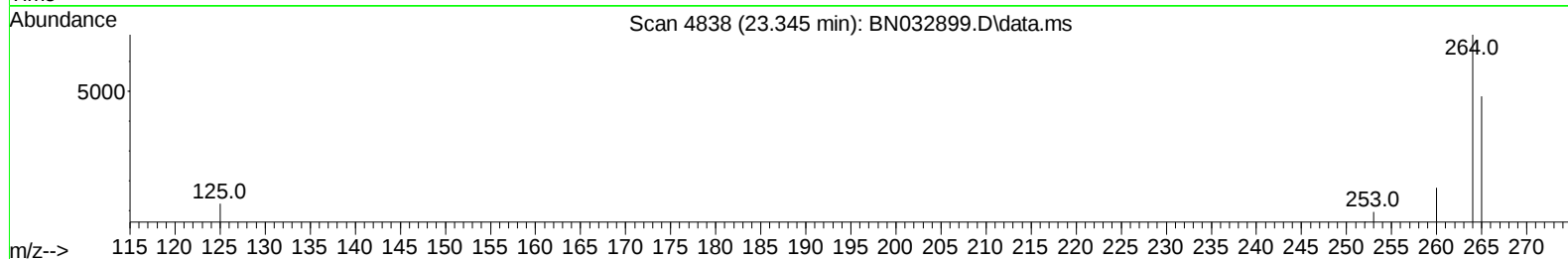
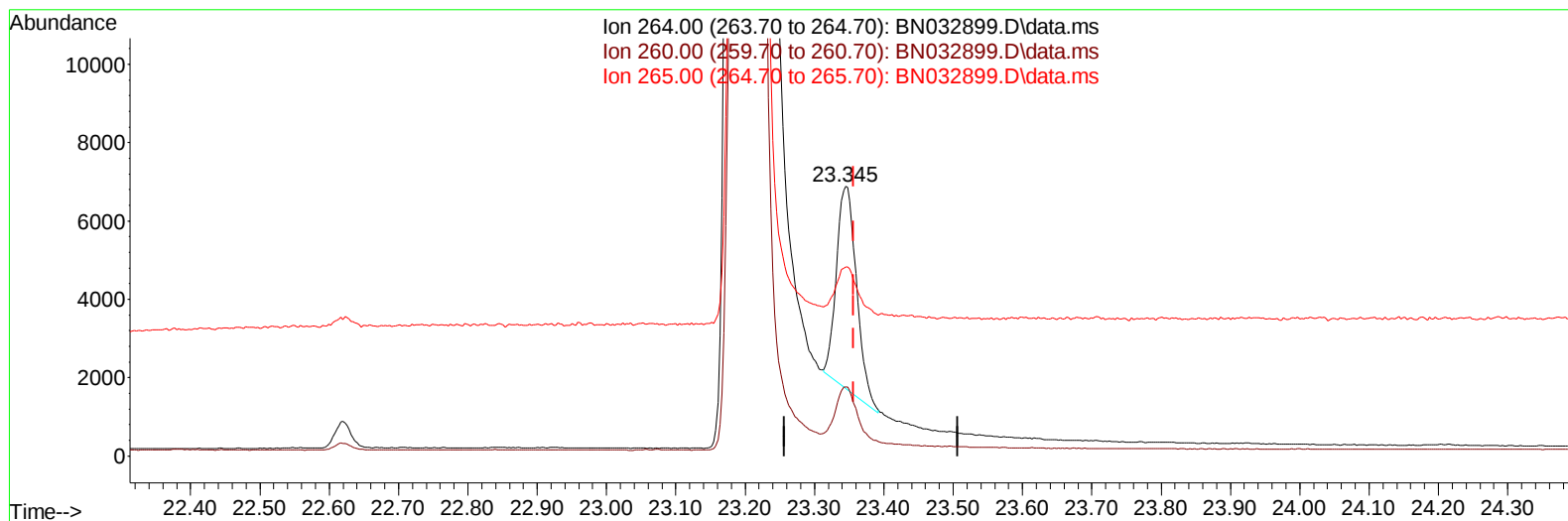
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072224\
Data File : BN032899.D
Acq On : 22 Jul 2024 18:35
Operator : MA/JU
Sample : P3215-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BD4

Manual IntegrationsAPPROVED

Quant Time: Jul 23 01:35:35 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 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



TIC: BN032899.D\data.ms

(23) Perylene-d12 (I)

23.345min (-0.012) 0.40 ng/ul m

response 10352

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.10	25.57
265.00	95.50	70.19#
0.00	0.00	0.00

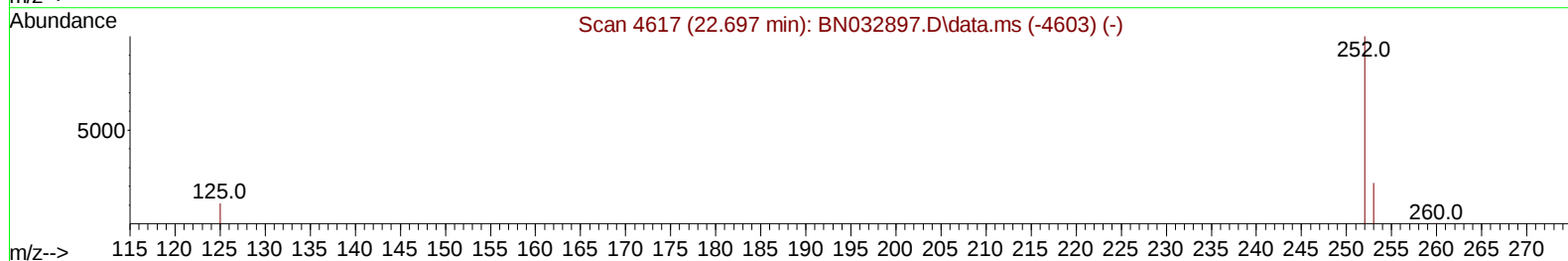
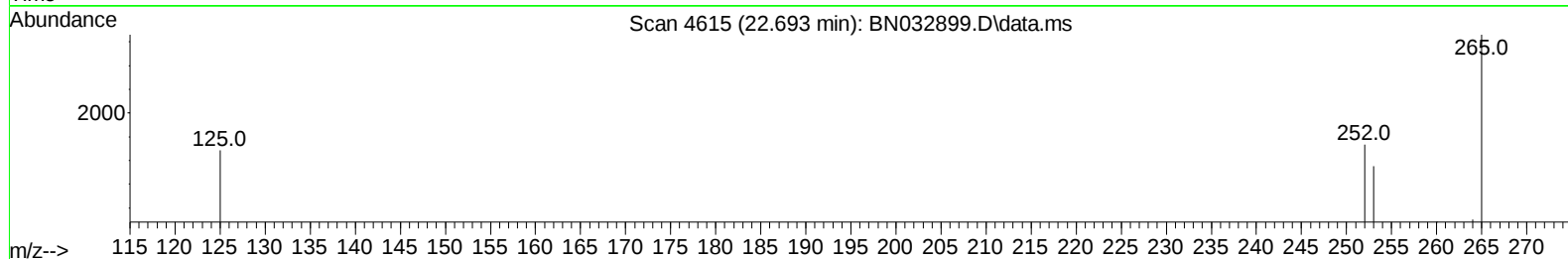
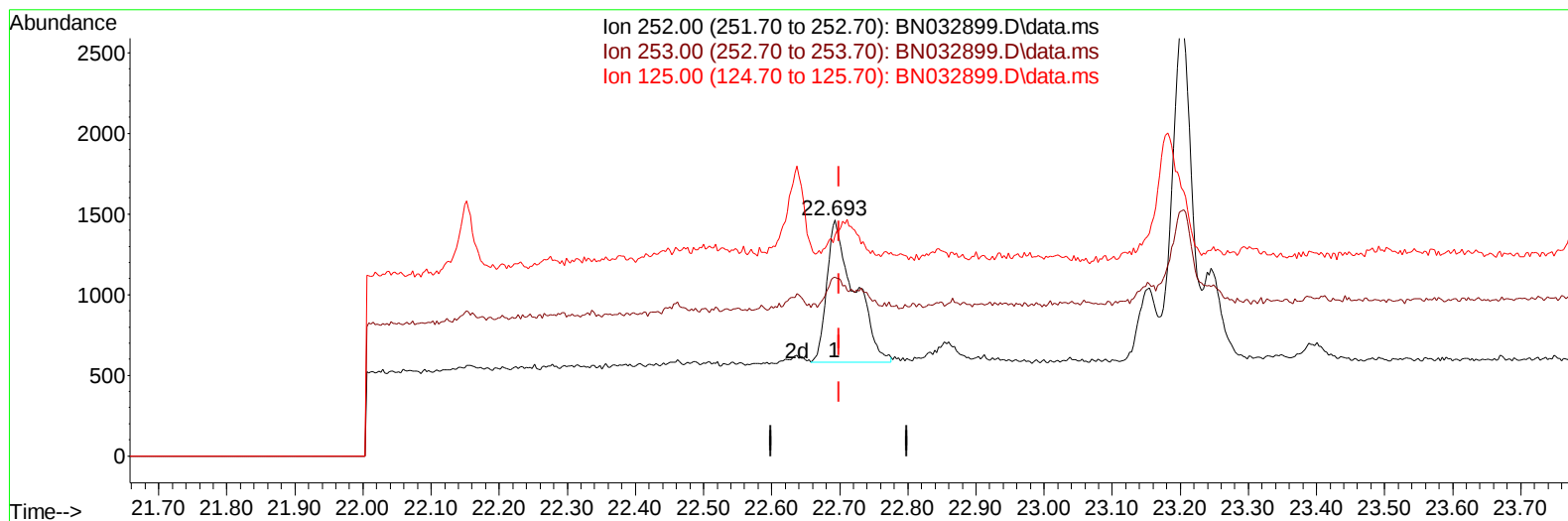
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072224\
Data File : BN032899.D
Acq On : 22 Jul 2024 18:35
Operator : MA/JU
Sample : P3215-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BD4

Manual IntegrationsAPPROVED

Quant Time: Jul 23 01:35:35 2024
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Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024



TIC: BN032899.D\data.ms

(24) Benzo(b)fluoranthene

22.693min (-0.006) 0.07 ng/u1

response 2507

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	75.73#
125.00	18.00	93.71#
0.00	0.00	0.00

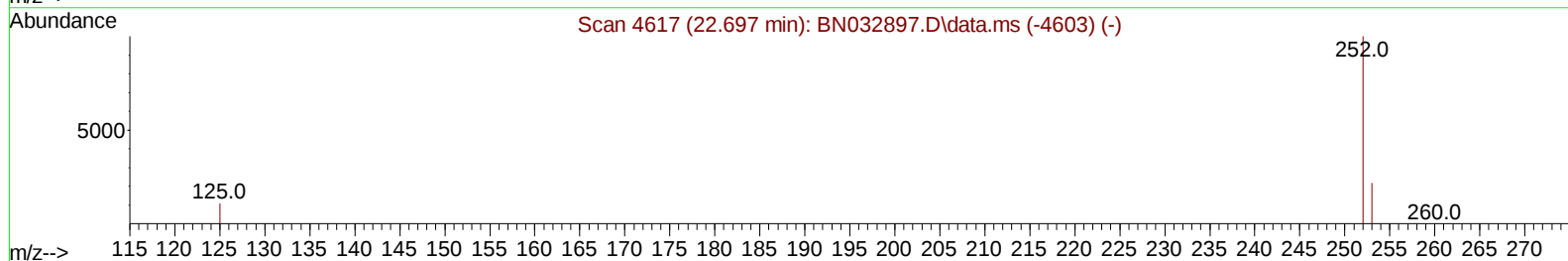
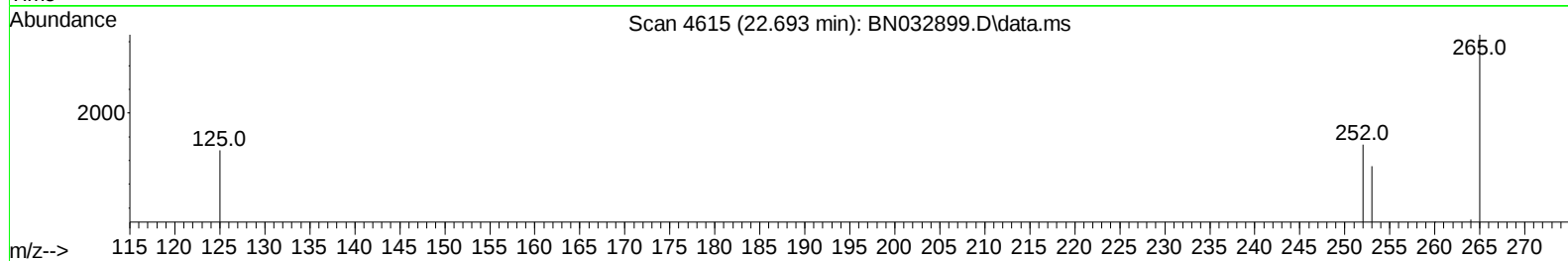
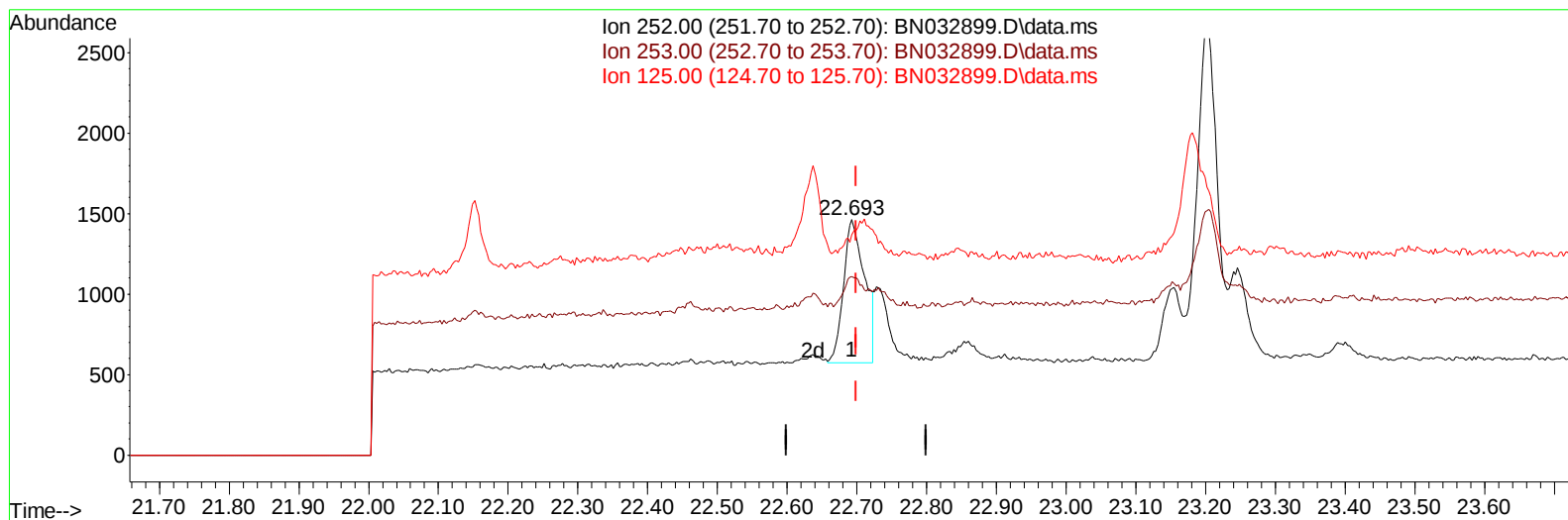
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072224\
Data File : BN032899.D
Acq On : 22 Jul 2024 18:35
Operator : MA/JU
Sample : P3215-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BD4

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024

Quant Time: Jul 23 01:35:35 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



TIC: BN032899.D\data.ms

(24) Benzo(b)fluoranthene

22.693min (-0.006) 0.05 ng/u1 m

response 1880

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	75.73#
125.00	18.00	93.71#
0.00	0.00	0.00

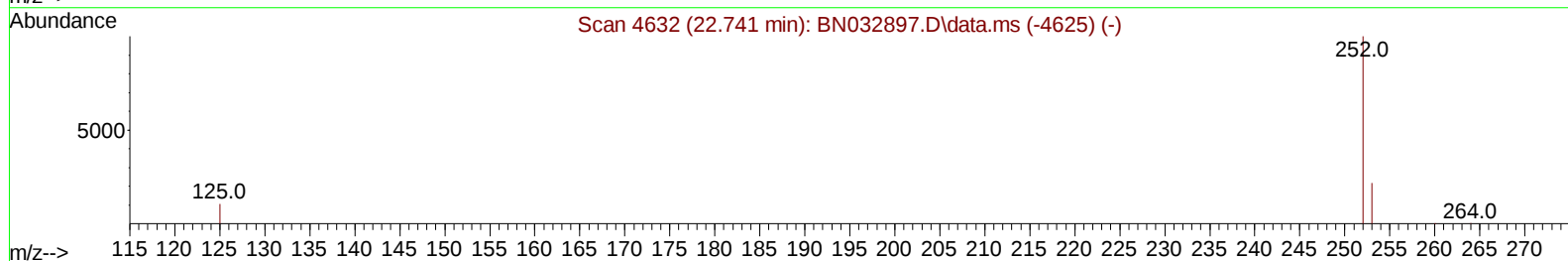
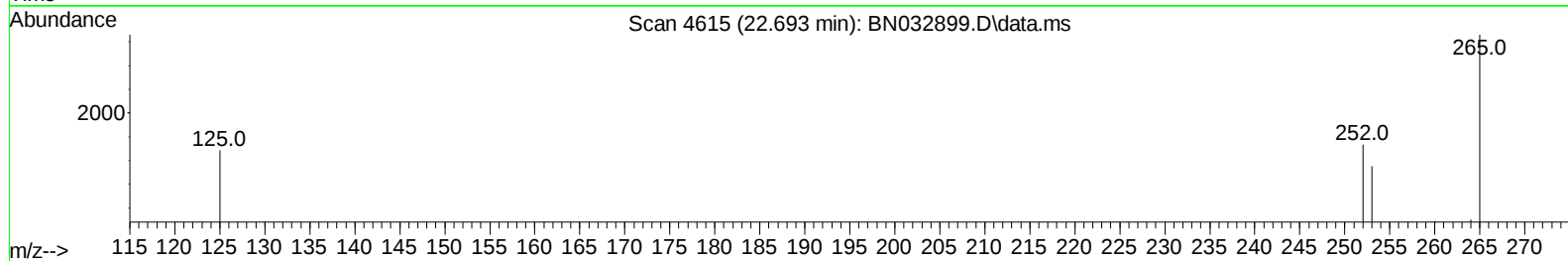
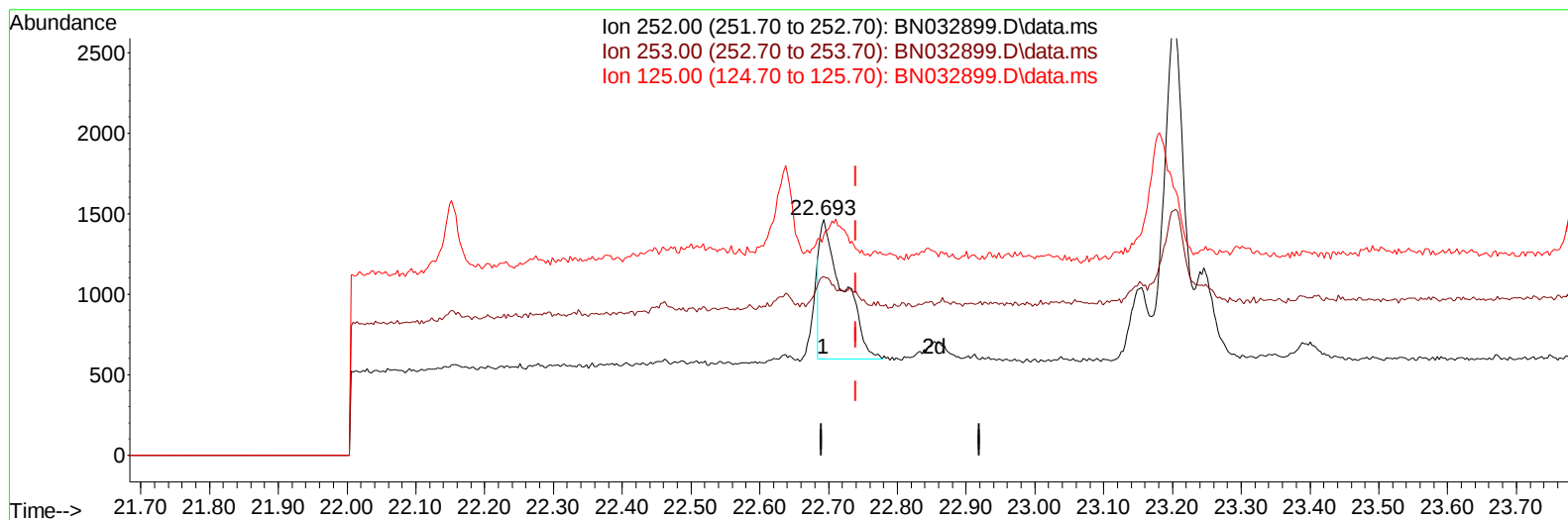
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072224\
Data File : BN032899.D
Acq On : 22 Jul 2024 18:35
Operator : MA/JU
Sample : P3215-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BD4

Manual IntegrationsAPPROVED

Quant Time: Jul 23 01:35:35 2024
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Supervised By :mohammad ahmed 07/23/2024



TIC: BN032899.D\data.ms

(25) Benzo(k)fluoranthene

22.693min (-0.047) 0.05 ng/u1

response 2056

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	75.73#
125.00	18.50	93.71#
0.00	0.00	0.00

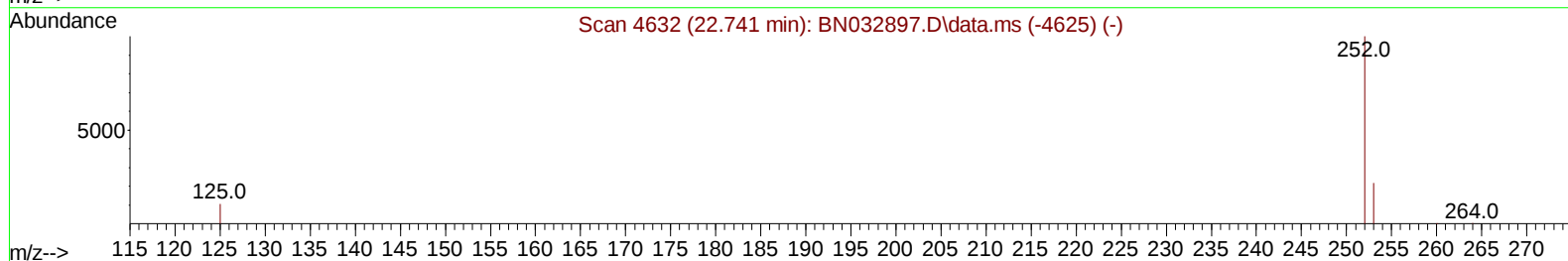
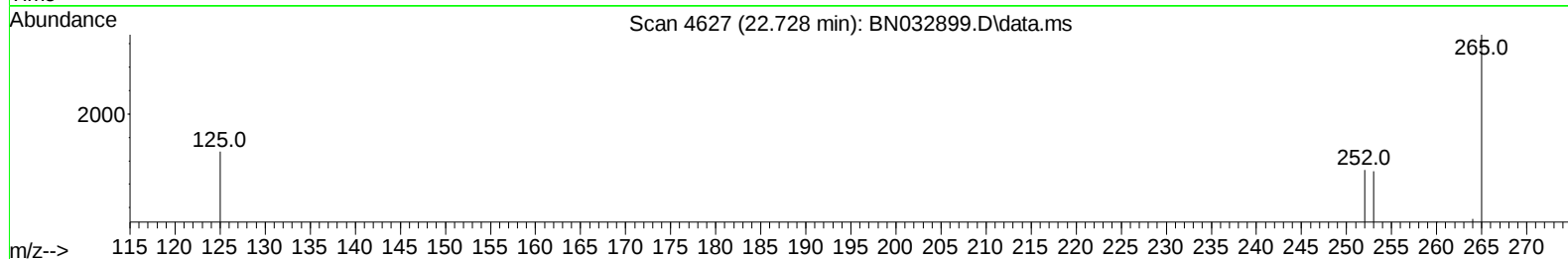
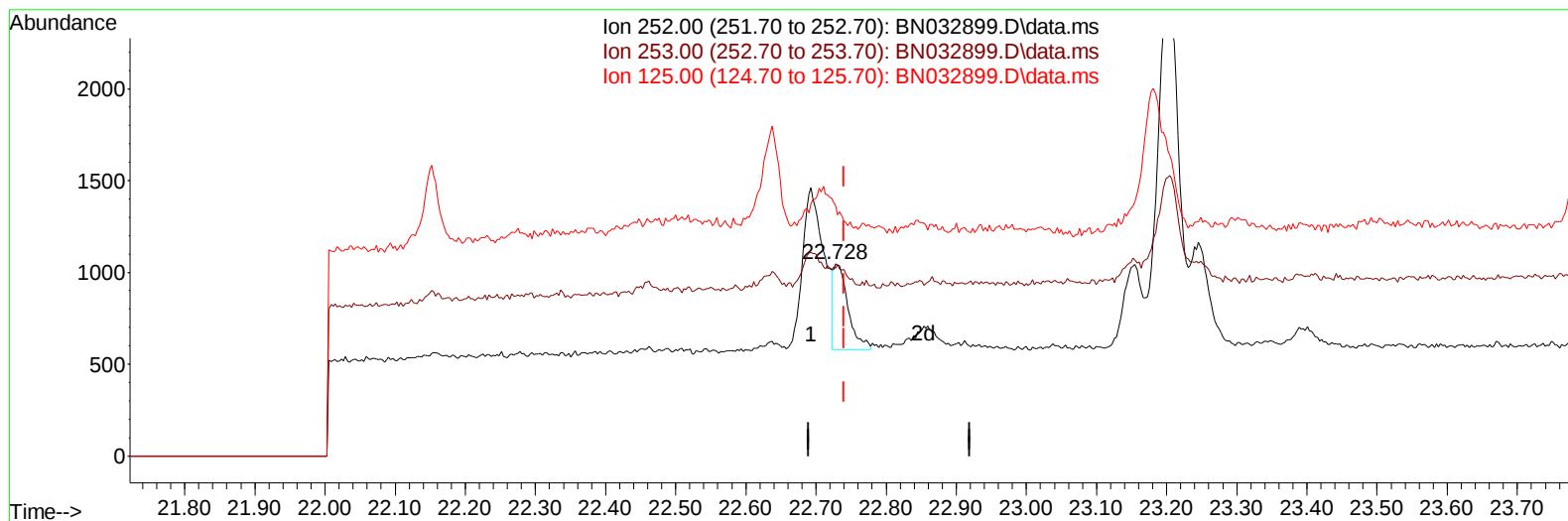
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Data File : BN032899.D
Acq On : 22 Jul 2024 18:35
Operator : MA/JU
Sample : P3215-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4BD4

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 07/23/2024
Supervised By :mohammad ahmed 07/23/2024

Quant Time: Jul 23 01:35:35 2024
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TIC: BN032899.D\data.ms

(25) Benzo(k)fluoranthene

22.728min (-0.012) 0.02 ng/u1 m

response 683

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	97.61#
125.00	18.50	130.18#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072224\
 Data File : BN032899.D
 Acq On : 22 Jul 2024 18:35
 Operator : MA/JU
 Sample : P3215-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4BD4

Manual IntegrationsAPPROVED

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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.519	152		4159	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.288	136		13662	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.174	164		8241	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.936	188		13204m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.162	240		10114m	0.400	ng/ul	0.00
23) Perylene-d12	23.345	264		10352m	0.400	ng/ul	-0.01
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.084	96		21333	4.272	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.894	152		7182	0.348	ng/ul	-0.03
18) Fluoranthene-d10	18.980	212		11867	0.360	ng/ul	-0.02
Target Compounds				Qvalue			
19) Fluoranthene	19.008	202		2824	0.069	ng/ul#	76
20) Pyrene	19.375	202		2314	0.054	ng/ul#	75
21) Benzo(a)anthracene	21.147	228		964	0.030	ng/ul#	52
22) Chrysene	21.200	228		1150	0.025	ng/ul#	61
24) Benzo(b)fluoranthene	22.693	252		1880m	0.051	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.579	276		972	0.023	ng/ul#	48
29) Benzo(g,h,i)perylene	26.253	276		953	0.027	ng/ul#	1

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072224\
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