

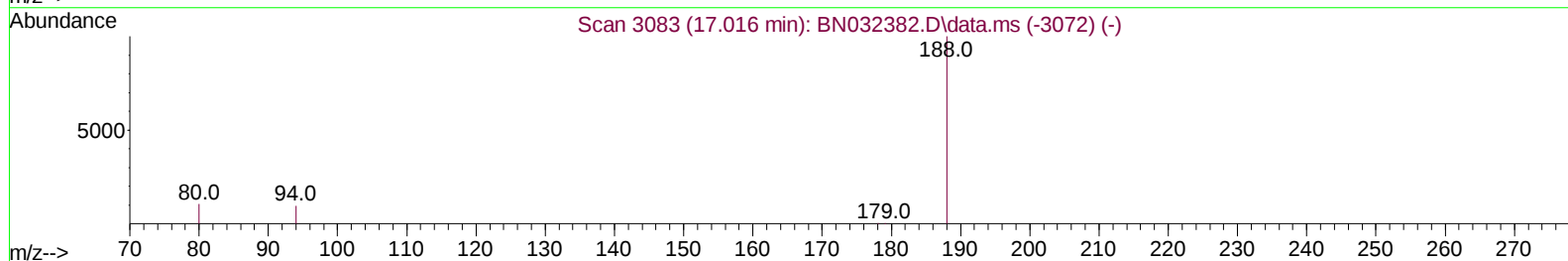
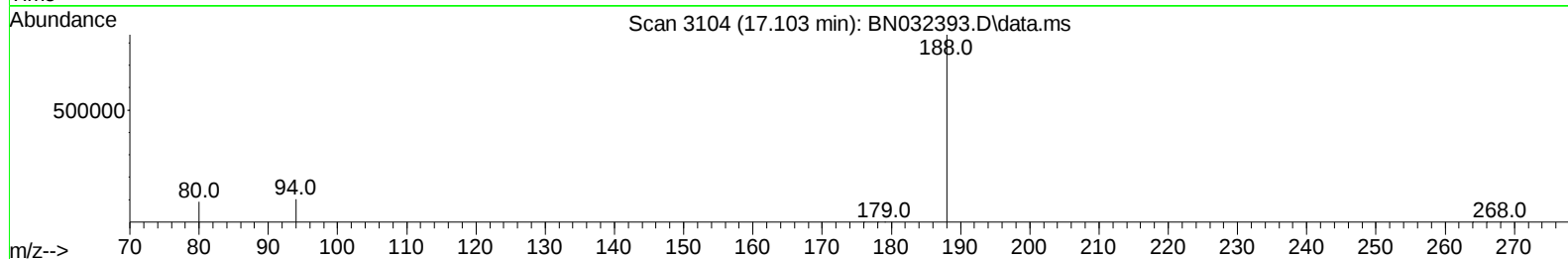
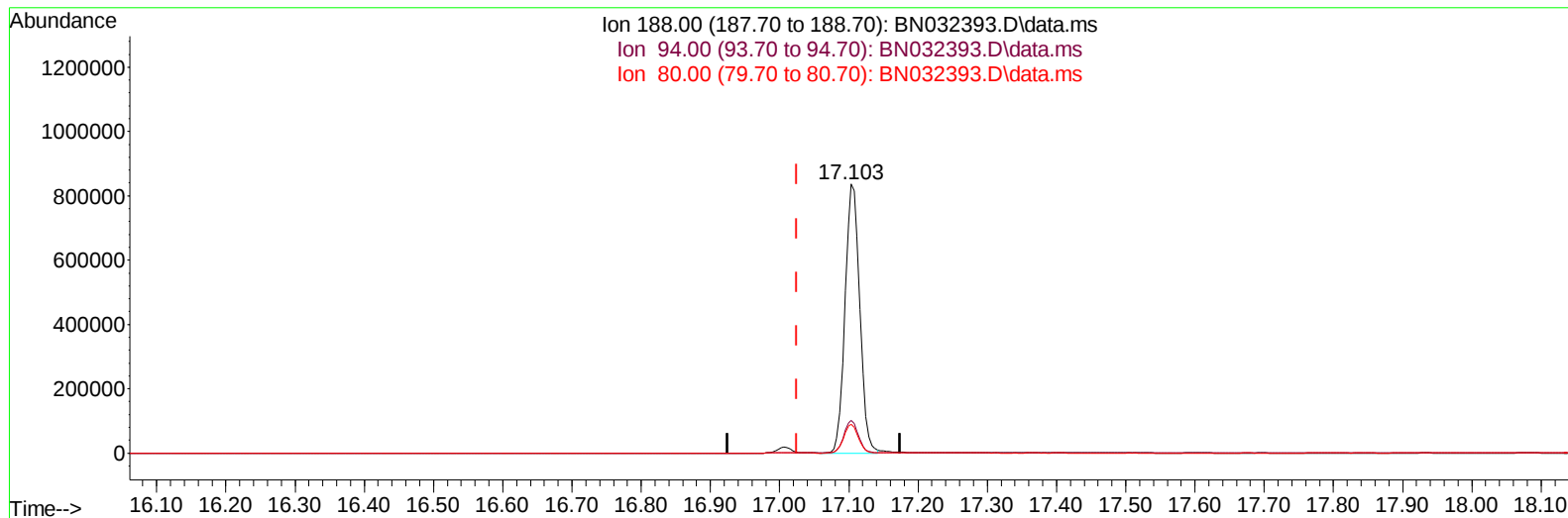
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032393.D
Acq On : 02 Jul 2024 10:34
Operator : MA/JU
Sample : P2871-15
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CN5

Manual IntegrationsAPPROVED

Quant Time: Jul 02 12:56:44 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: BN032393.D\data.ms

(13) Phenanthrene-d10 (I)

17.103min (+ 0.079) 0.40 ng/u1

response 1244440

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	12.14
80.00	10.50	10.75
0.00	0.00	0.00

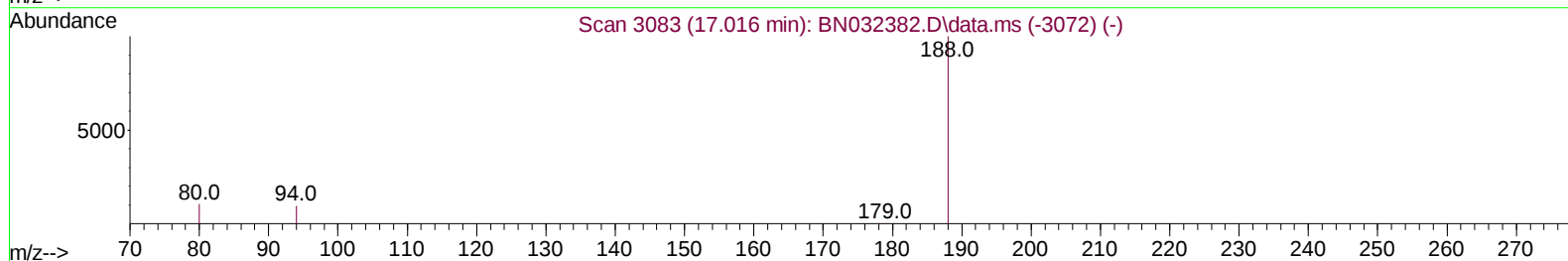
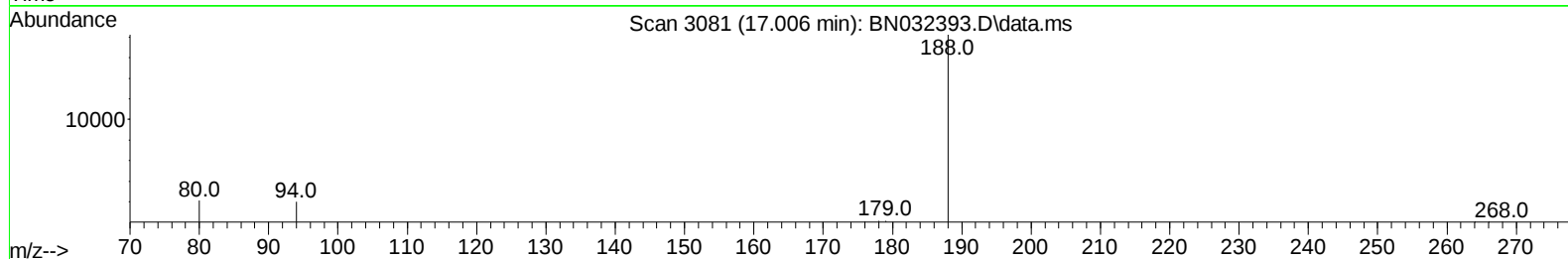
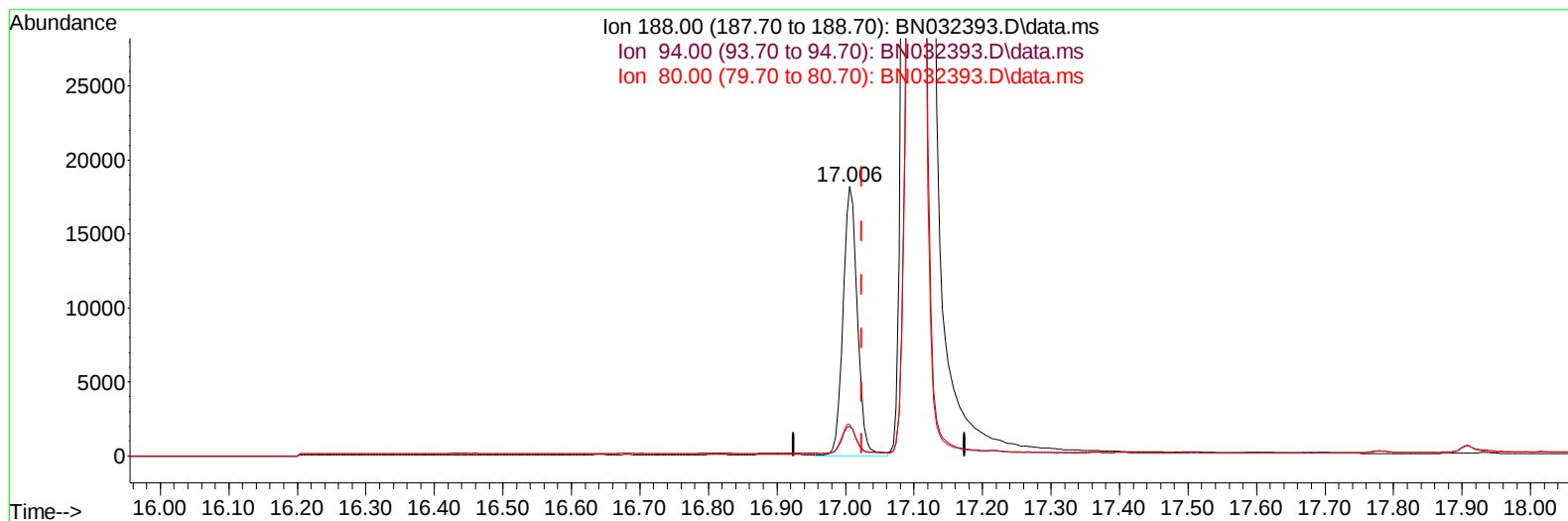
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032393.D
Acq On : 02 Jul 2024 10:34
Operator : MA/JU
Sample : P2871-15
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CN5

Manual IntegrationsAPPROVED

Quant Time: Jul 02 12:56:44 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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Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032393.D\data.ms

(13) Phenanthrene-d10 (I)

17.006min (-0.018) 0.40 ng/ul m

response 26602

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	10.20	11.05
80.00	10.50	11.65
0.00	0.00	0.00

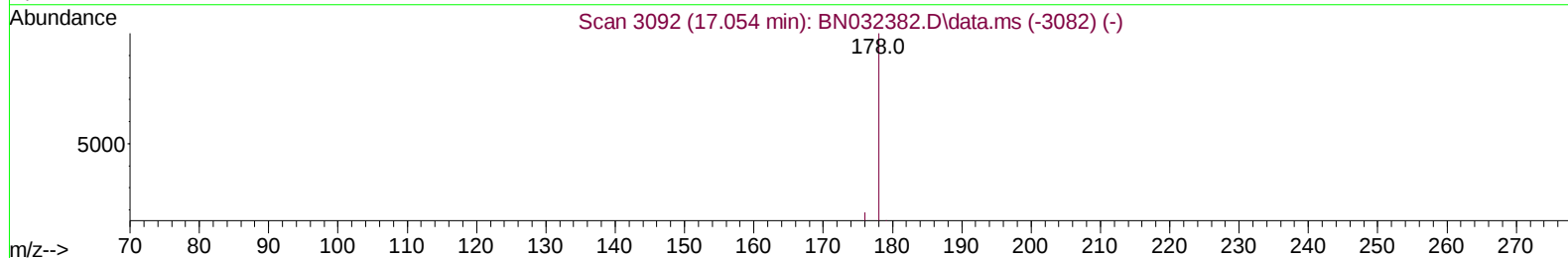
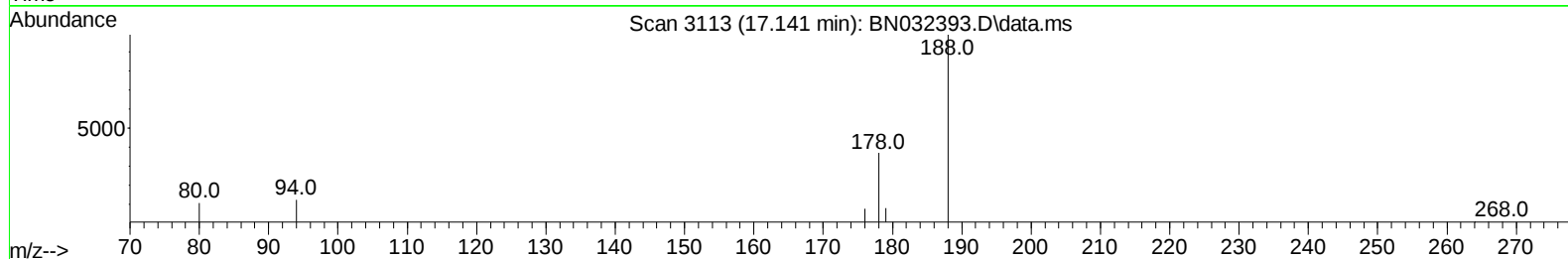
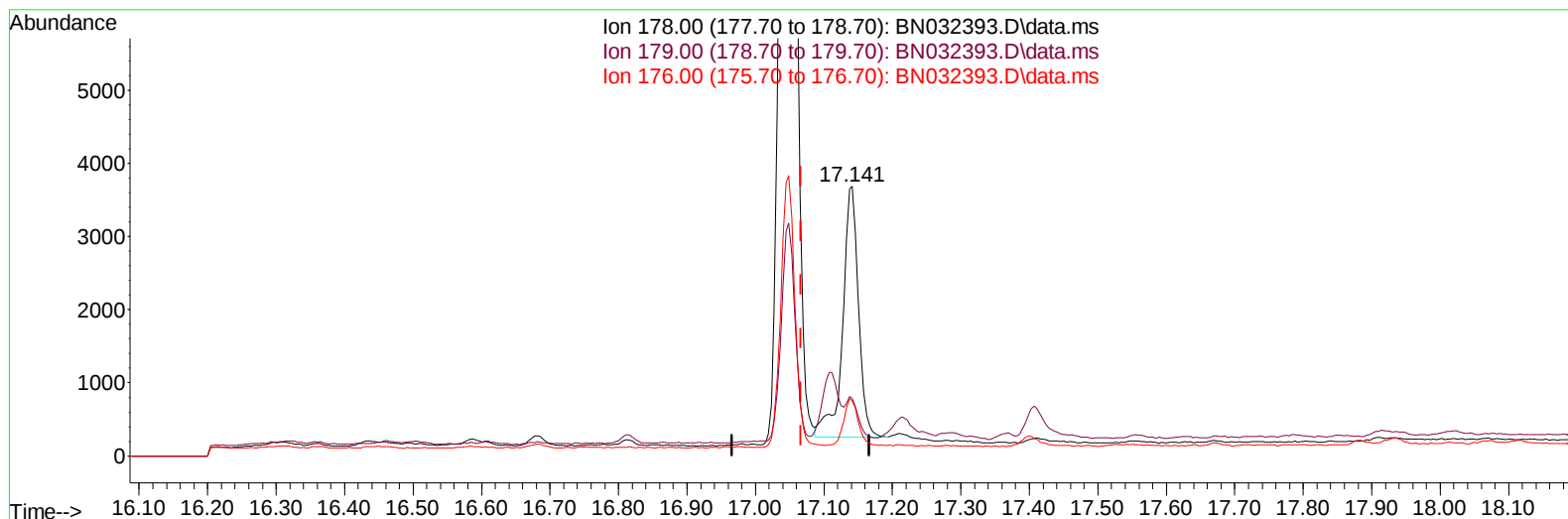
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032393.D
Acq On : 02 Jul 2024 10:34
Operator : MA/JU
Sample : P2871-15
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CN5

Manual IntegrationsAPPROVED

Quant Time: Jul 02 12:56:44 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: BN032393.D\data.ms

(15) Phenanthrene

17.141min (+ 0.075) 0.08 ng/u1

response 5537

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	21.28#
176.00	19.50	20.47
0.00	0.00	0.00

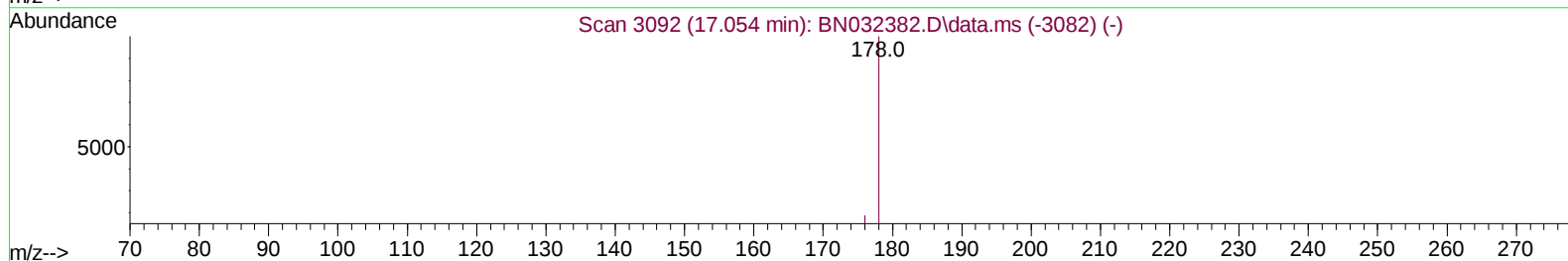
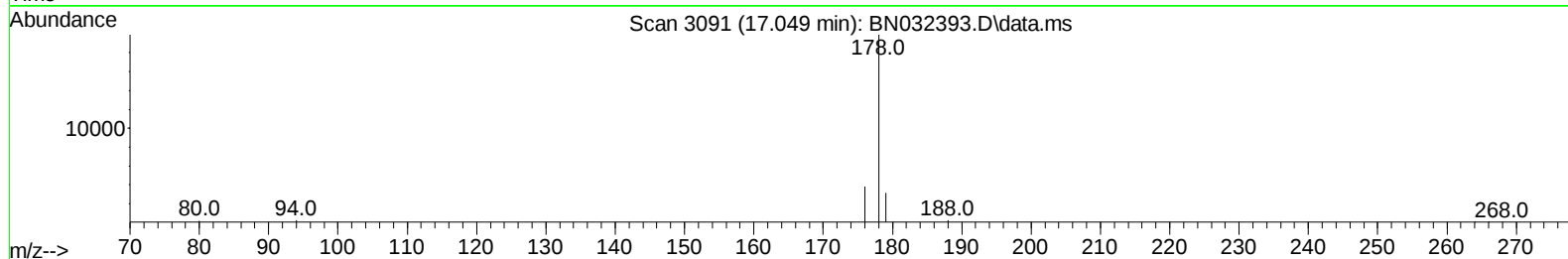
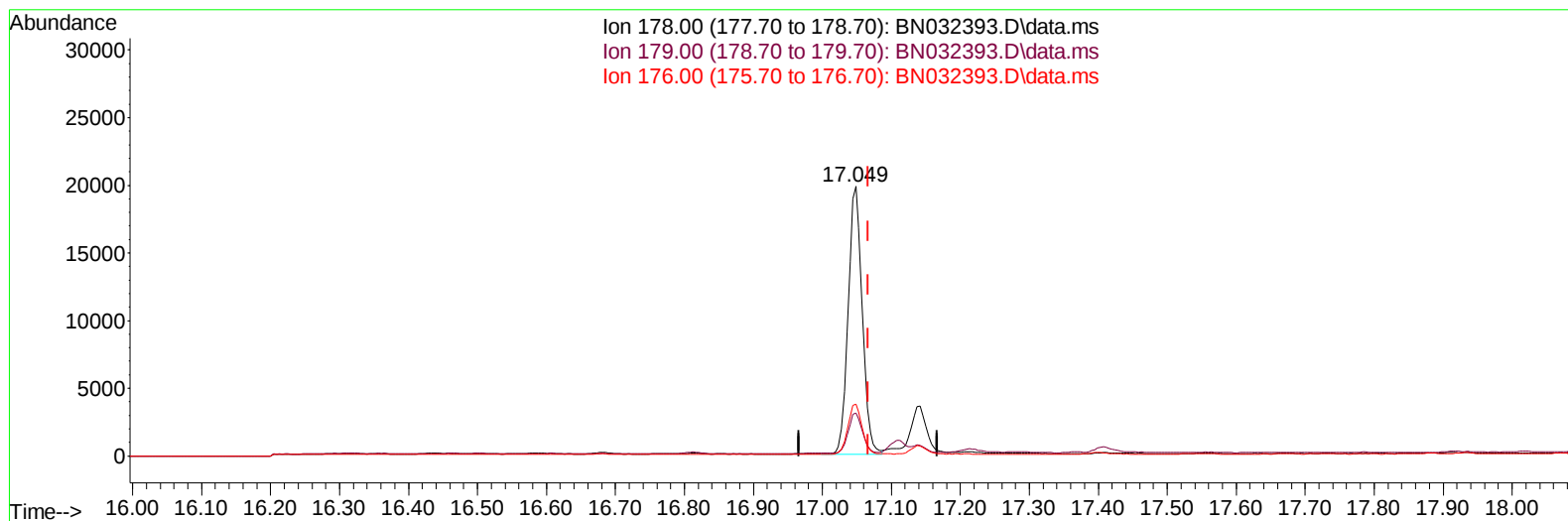
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032393.D
 Acq On : 02 Jul 2024 10:34
 Operator : MA/JU
 Sample : P2871-15
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CN5

Manual IntegrationsAPPROVED

Quant Time: Jul 02 12:56:44 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: BN032393.D\data.ms

(15) Phenanthrene

17.049min (-0.018) 0.39 ng/ul m

response 28131

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.70	16.00
176.00	19.50	19.26
0.00	0.00	0.00

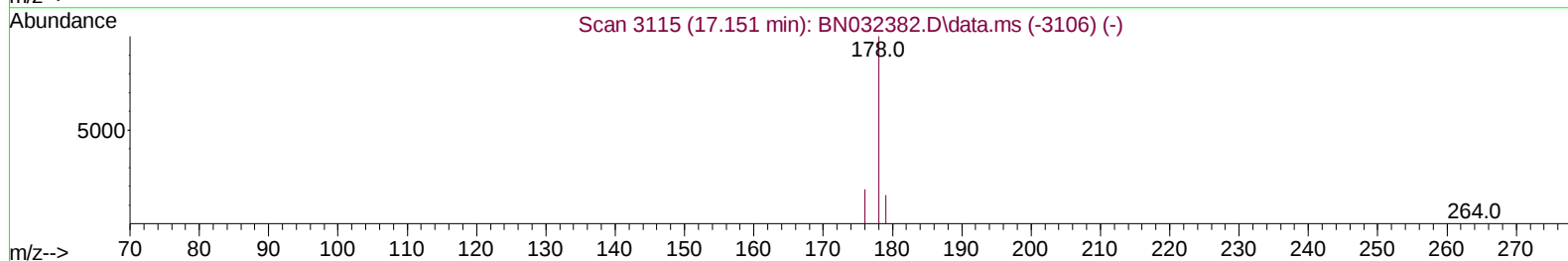
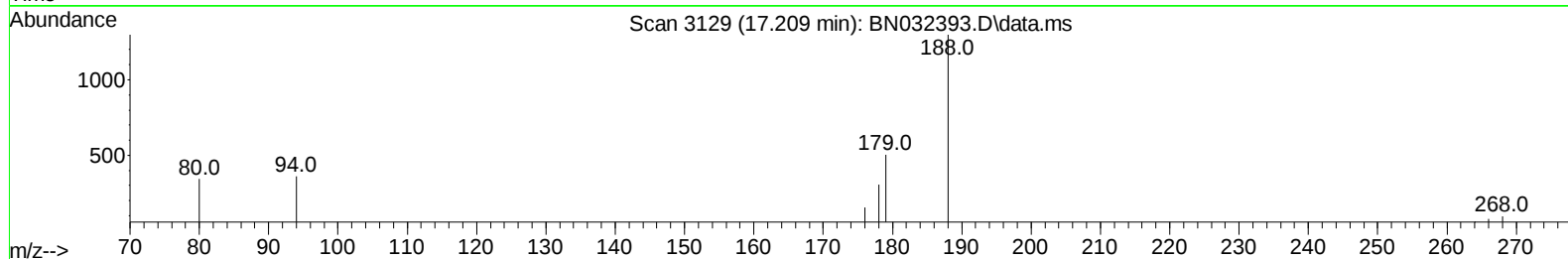
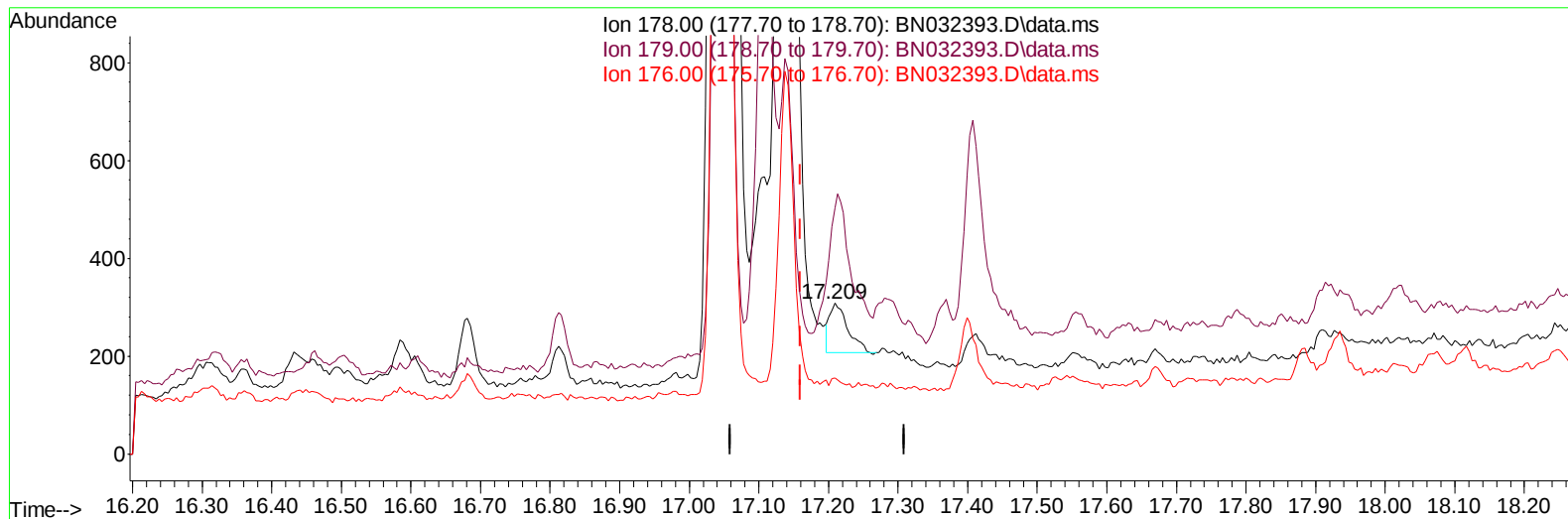
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032393.D
Acq On : 02 Jul 2024 10:34
Operator : MA/JU
Sample : P2871-15
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CN5

Manual IntegrationsAPPROVED

Quant Time: Jul 02 12:56:44 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:23:38 2024
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Reviewed By :Jagrut Upadhyay 07/02/2024
Supervised By :mohammad ahmed 07/04/2024



TIC: BN032393.D\data.ms

(16) Anthracene

17.209min (+ 0.049) 0.00 ng/u1

response 184

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.60	163.31#
176.00	18.80	50.32#
0.00	0.00	0.00

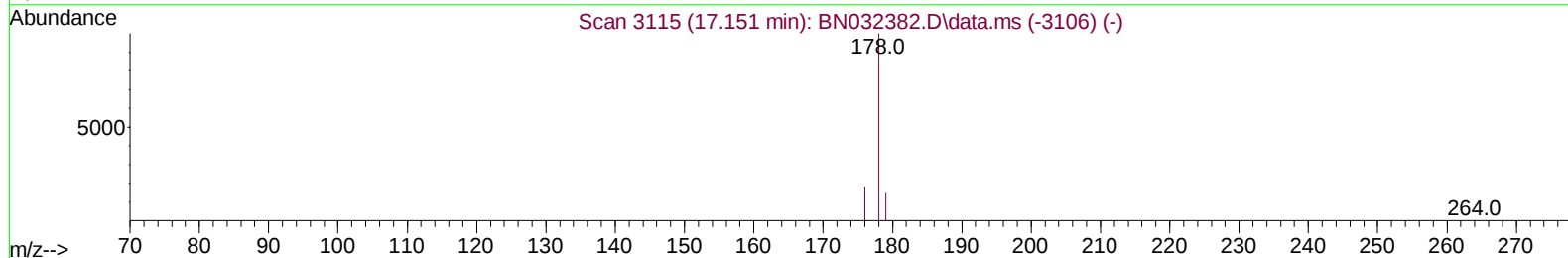
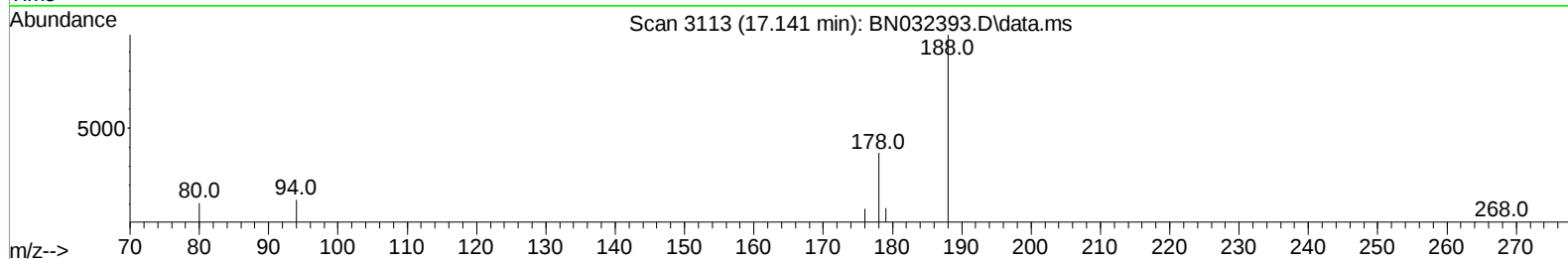
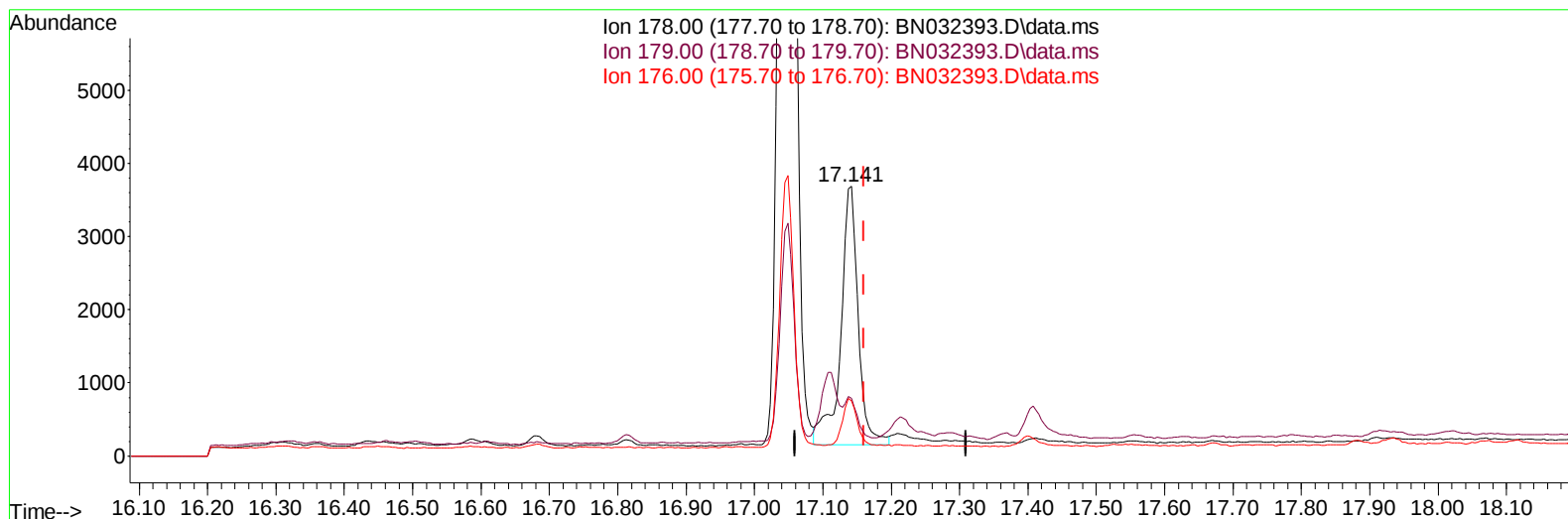
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032393.D
Acq On : 02 Jul 2024 10:34
Operator : MA/JU
Sample : P2871-15
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CN5

Manual IntegrationsAPPROVED

Quant Time: Jul 02 12:56:44 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: BN032393.D\data.ms

(16) Anthracene

17.141min (-0.018) 0.10 ng/ul m

response 6243

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	15.60	21.28#
176.00	18.80	20.47
0.00	0.00	0.00

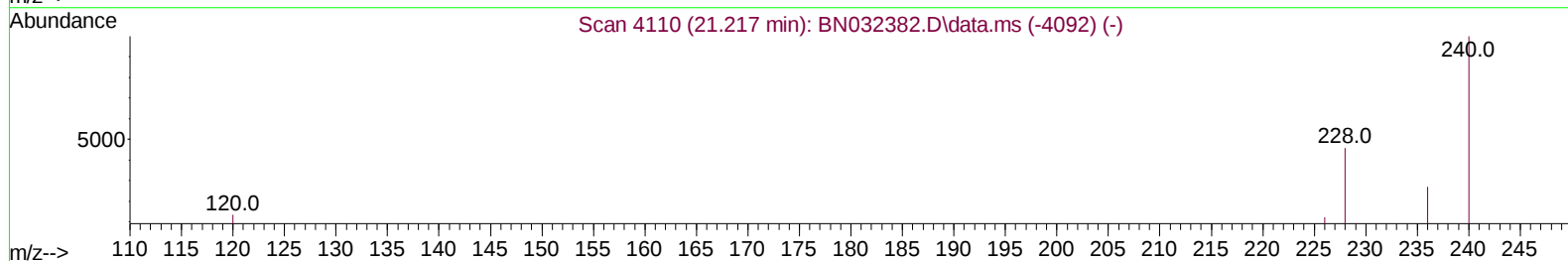
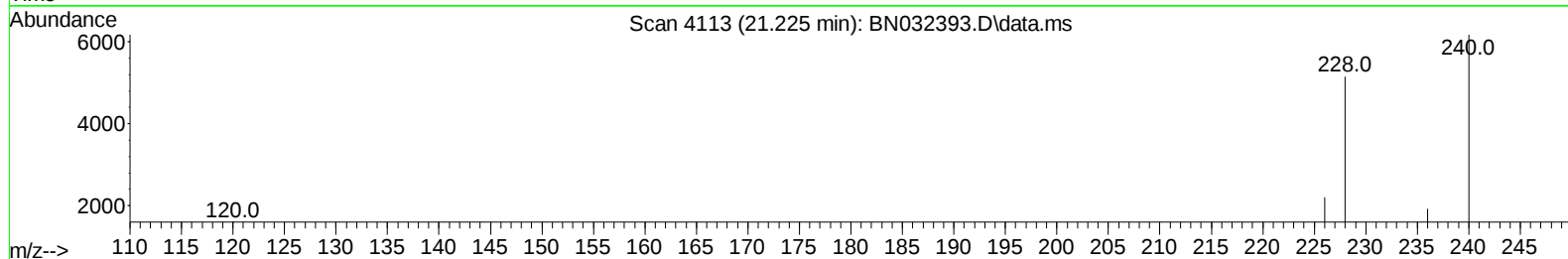
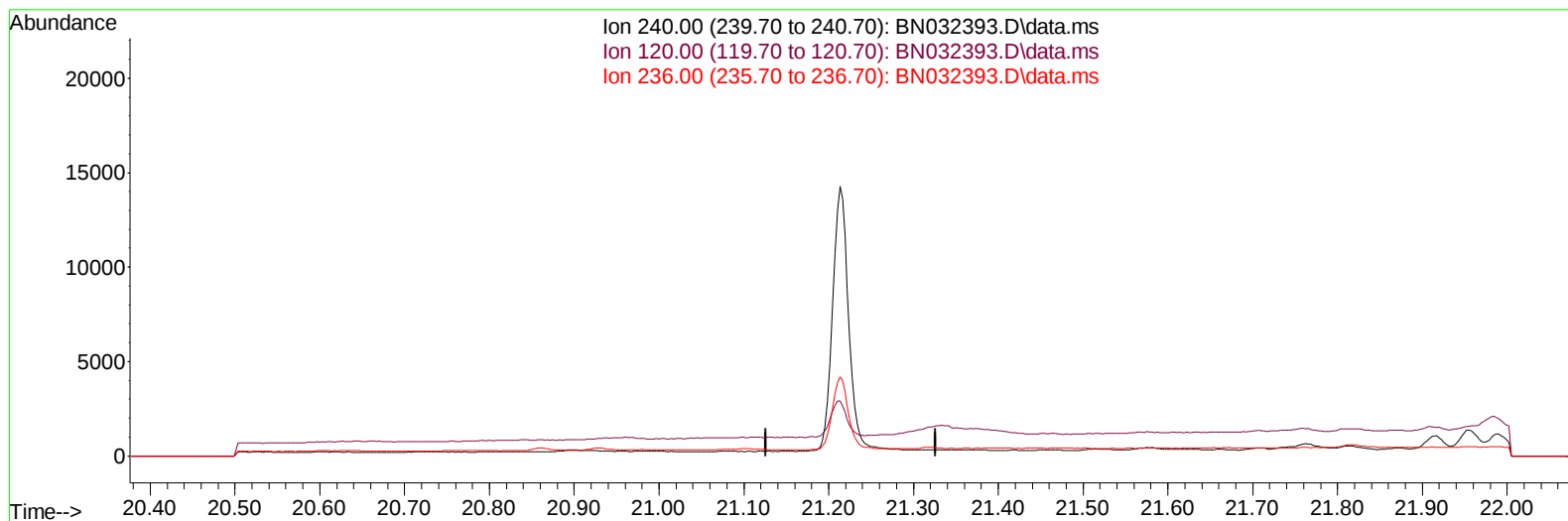
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032393.D
Acq On : 02 Jul 2024 10:34
Operator : MA/JU
Sample : P2871-15
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CN5

Manual IntegrationsAPPROVED

Quant Time: Jul 02 12:56:44 2024
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TIC: BN032393.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

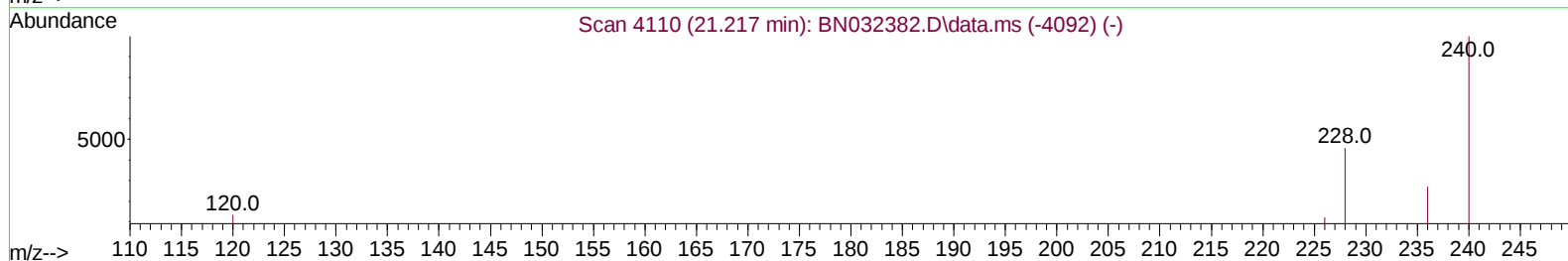
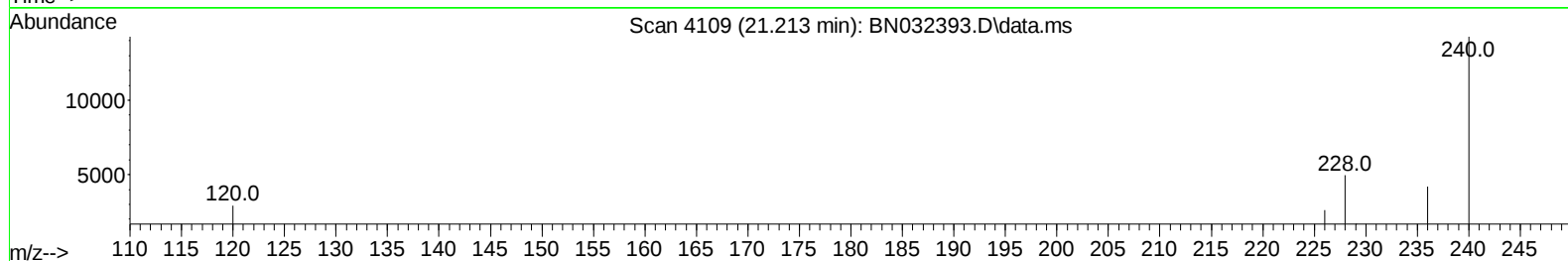
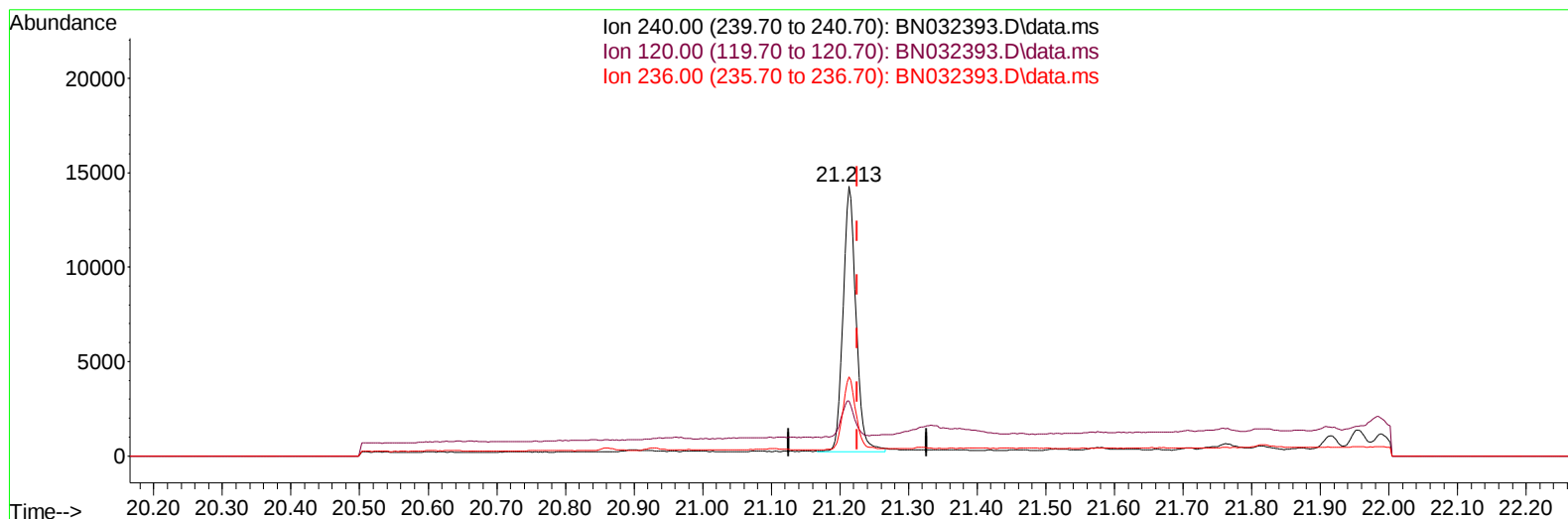
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032393.D
Acq On : 02 Jul 2024 10:34
Operator : MA/JU
Sample : P2871-15
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CN5

Manual IntegrationsAPPROVED

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

Quant Time: Jul 02 12:56:44 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: BN032393.D\data.ms

(17) Chrysene-d12

21.213min (-0.013) 0.40 ng/ul m

response 18685

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	16.80	20.45#
236.00	28.40	29.36
0.00	0.00	0.00

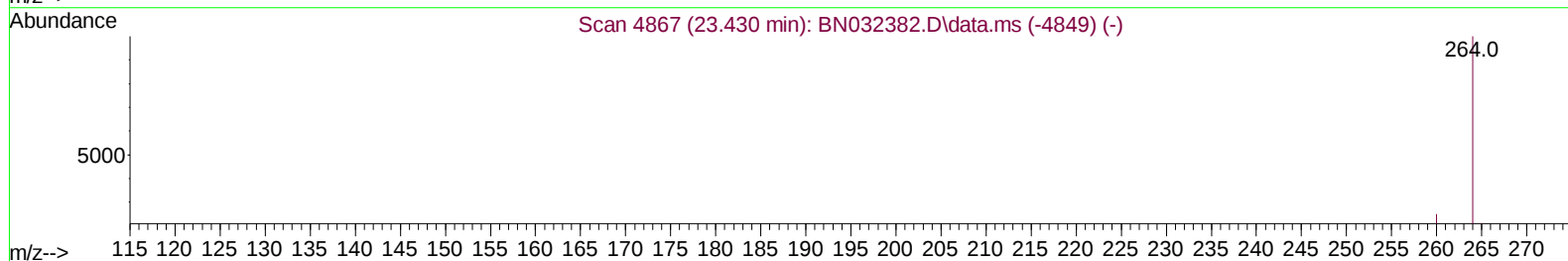
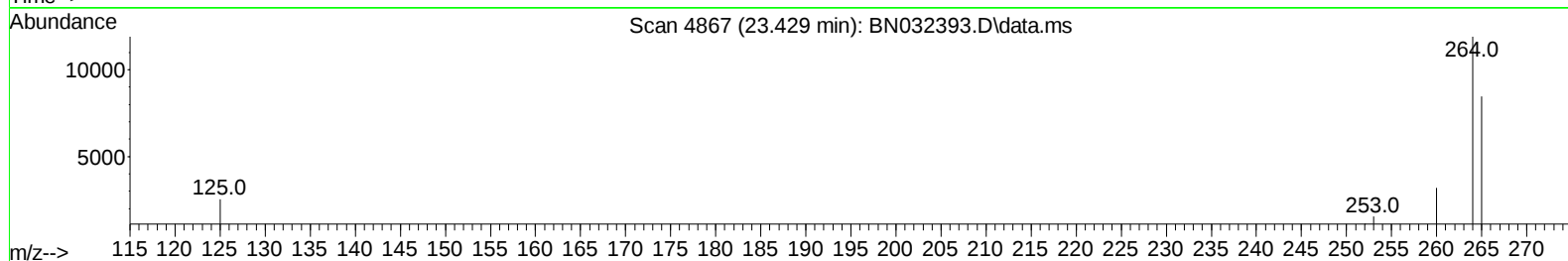
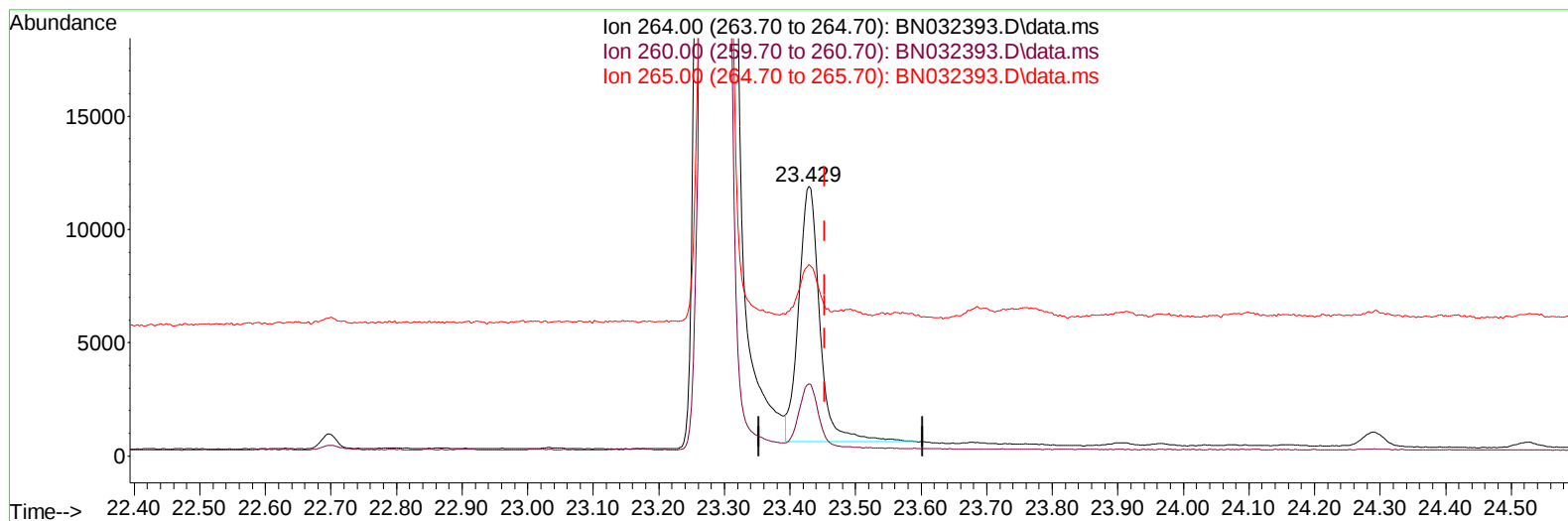
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032393.D
Acq On : 02 Jul 2024 10:34
Operator : MA/JU
Sample : P2871-15
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CN5

Manual IntegrationsAPPROVED

Quant Time: Jul 02 12:56:44 2024
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TIC: BN032393.D\data.ms

(23) Perylene-d12 (I)

23.429min (-0.025) 0.40 ng/u1

response 25055

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.00	26.78
265.00	67.20	71.20
0.00	0.00	0.00

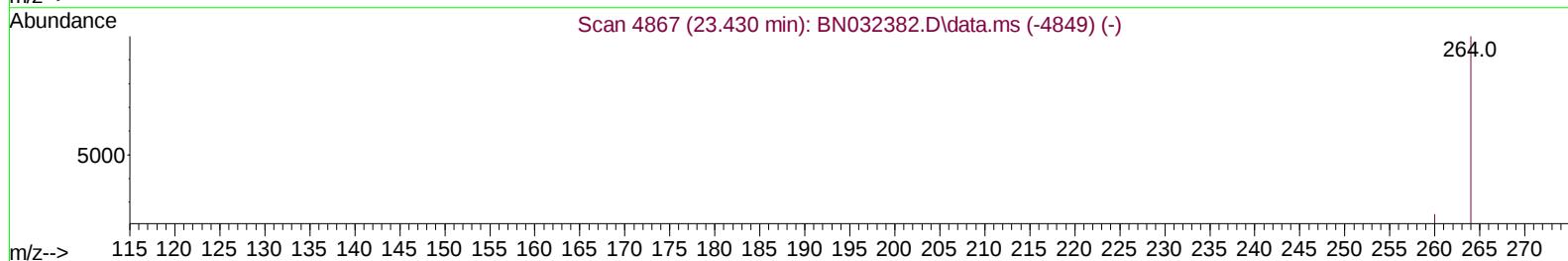
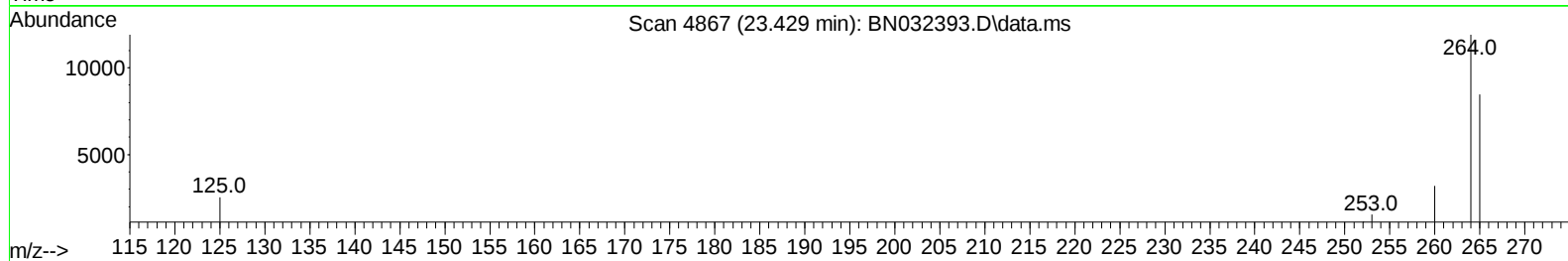
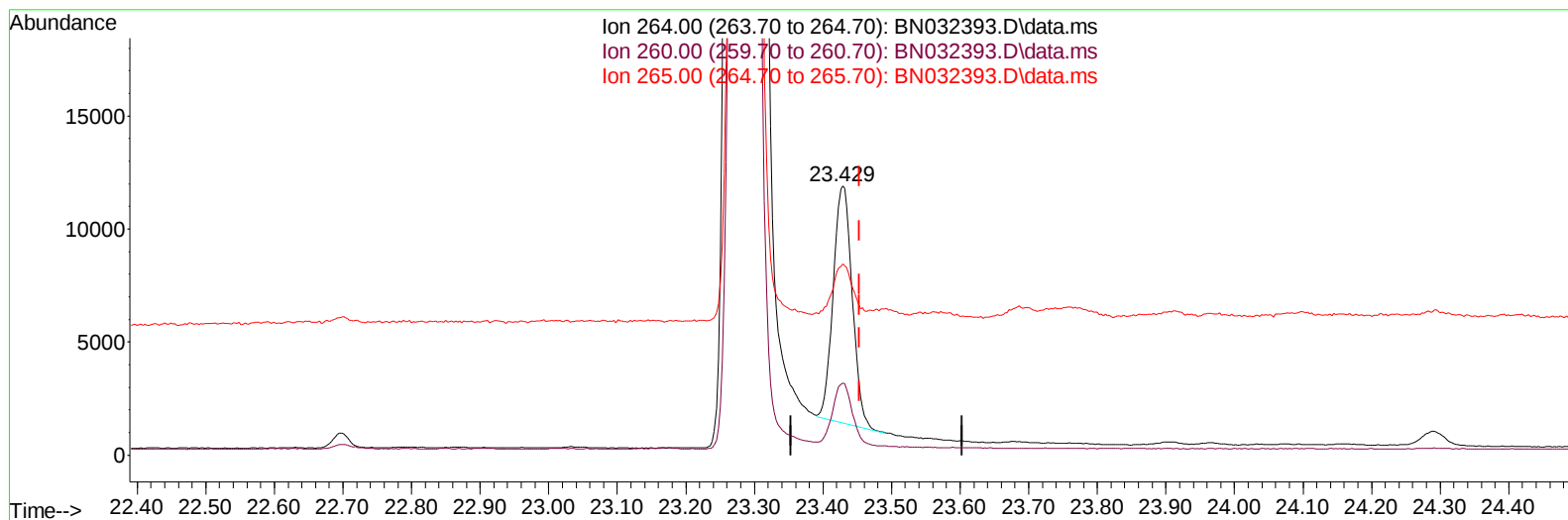
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032393.D
Acq On : 02 Jul 2024 10:34
Operator : MA/JU
Sample : P2871-15
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CN5

Manual IntegrationsAPPROVED

Quant Time: Jul 02 12:56:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
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TIC: BN032393.D\data.ms

(23) Perylene-d12 (I)

23.429min (-0.025) 0.40 ng/ul m

response 20082

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.00	26.78
265.00	67.20	71.20
0.00	0.00	0.00

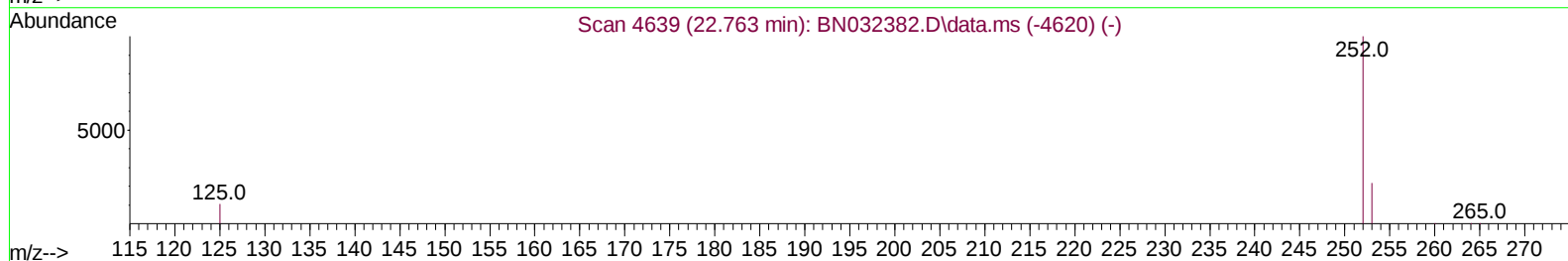
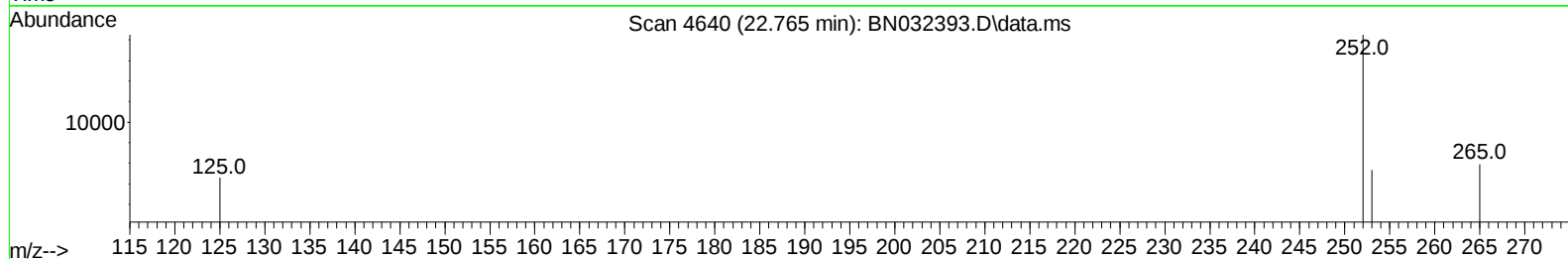
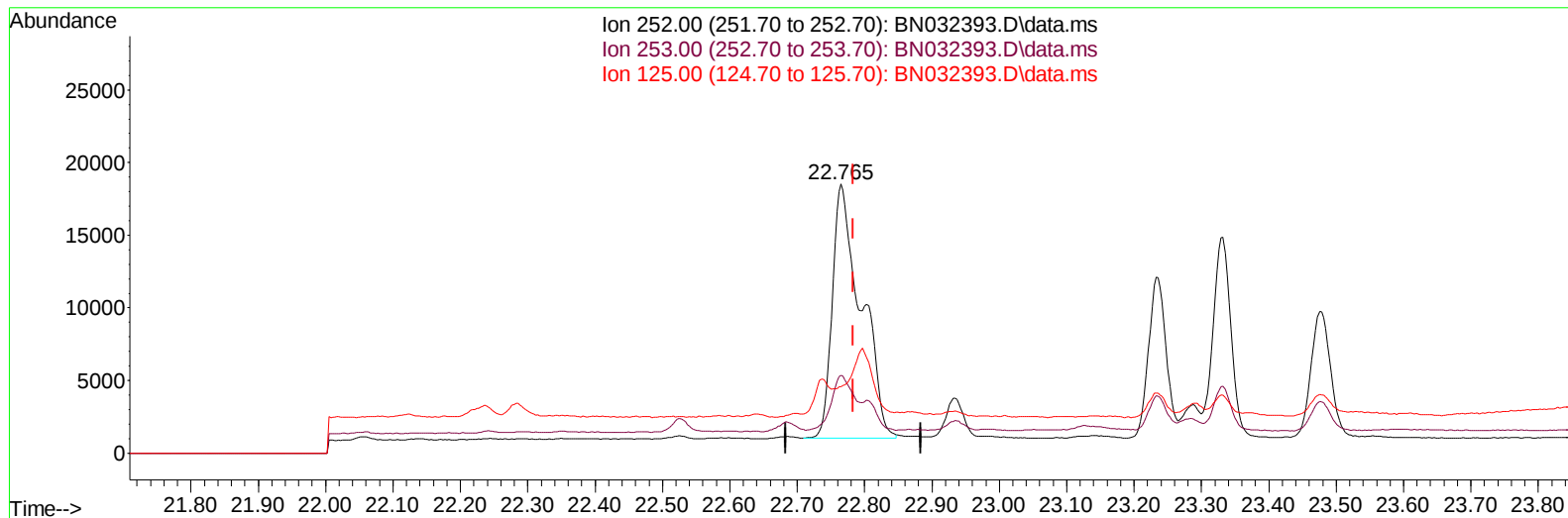
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032393.D
Acq On : 02 Jul 2024 10:34
Operator : MA/JU
Sample : P2871-15
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CN5

Manual IntegrationsAPPROVED

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TIC: BN032393.D\data.ms

(24) Benzo(b)fluoranthene

22.765min (-0.019) 0.59 ng/u1

response 51642

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	28.95
125.00	16.00	24.74
0.00	0.00	0.00

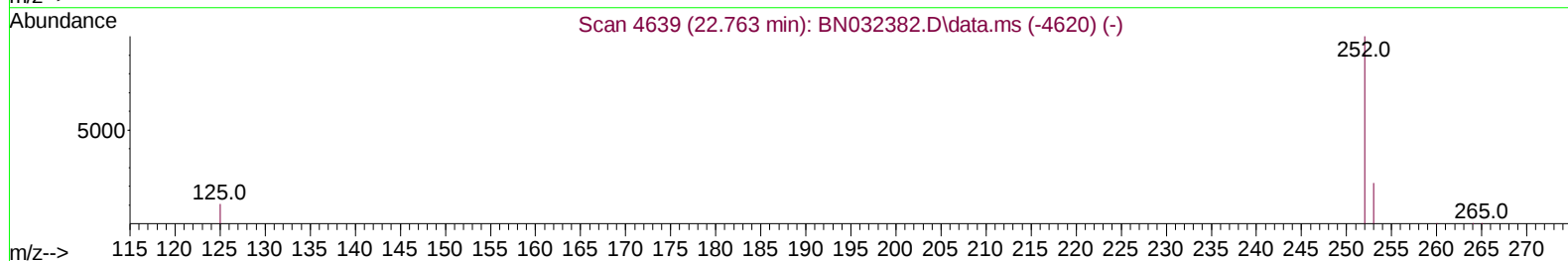
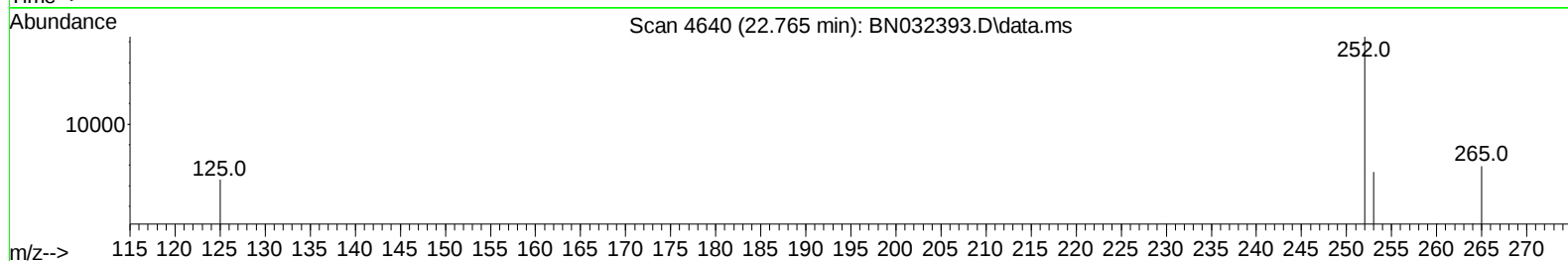
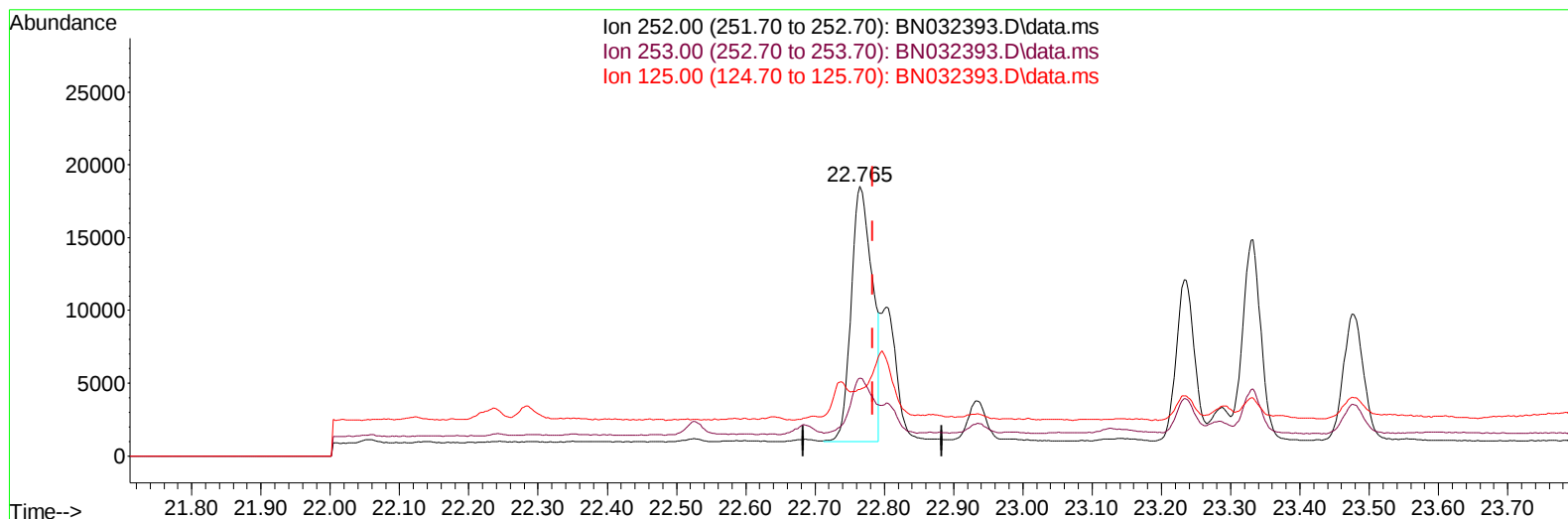
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032393.D
 Acq On : 02 Jul 2024 10:34
 Operator : MA/JU
 Sample : P2871-15
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CN5

Manual IntegrationsAPPROVED

Quant Time: Jul 02 12:56:44 2024
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 Supervised By :mohammad ahmed 07/04/2024



TIC: BN032393.D\data.ms

(24) Benzo(b)fluoranthene

22.765min (-0.019) 0.43 ng/u1 m

response 37289

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.10	28.95
125.00	16.00	24.74
0.00	0.00	0.00

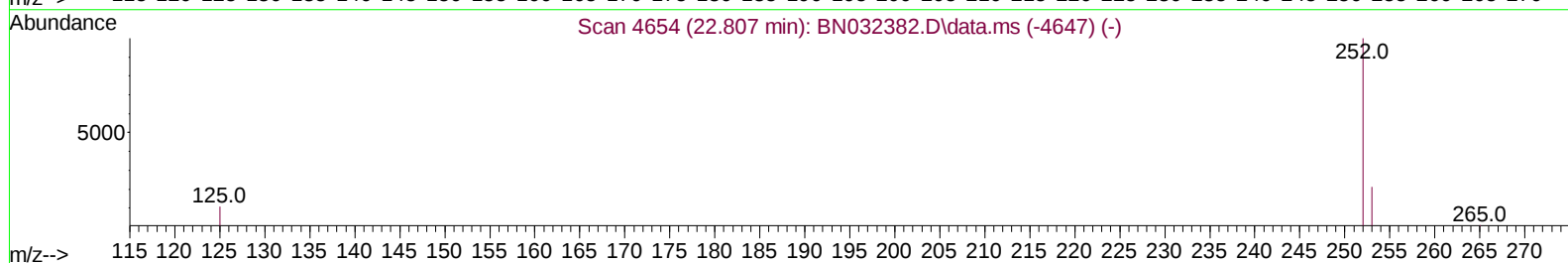
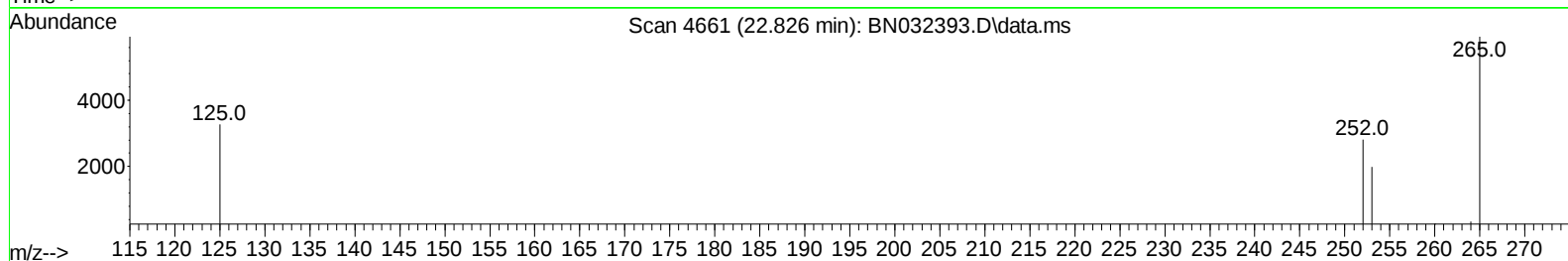
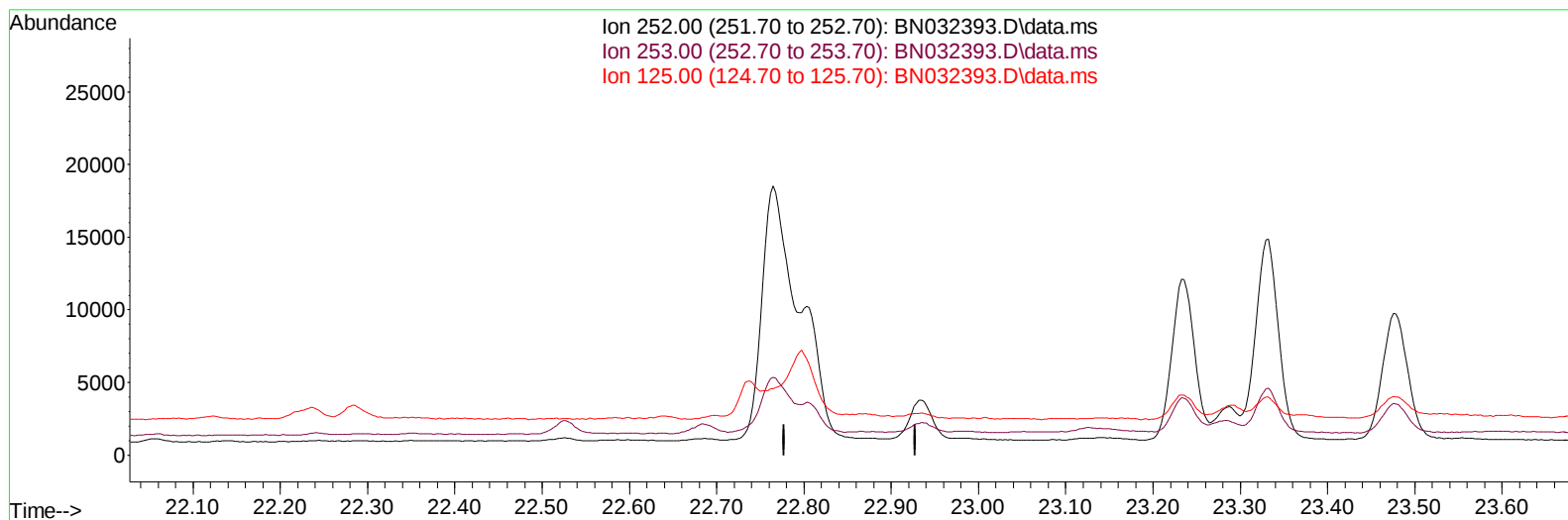
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032393.D
Acq On : 02 Jul 2024 10:34
Operator : MA/JU
Sample : P2871-15
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CN5

Manual IntegrationsAPPROVED

Quant Time: Jul 02 12:56:44 2024
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Supervised By :mohammad ahmed 07/04/2024



TIC: BN032393.D\data.ms

(25) Benzo(k)fluoranthene

22.828min (-22.828) 0.00 ng/u1

response 0

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

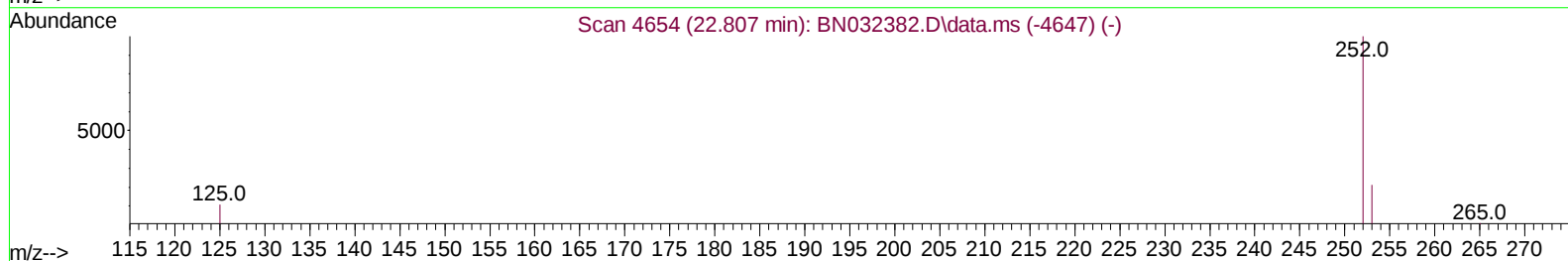
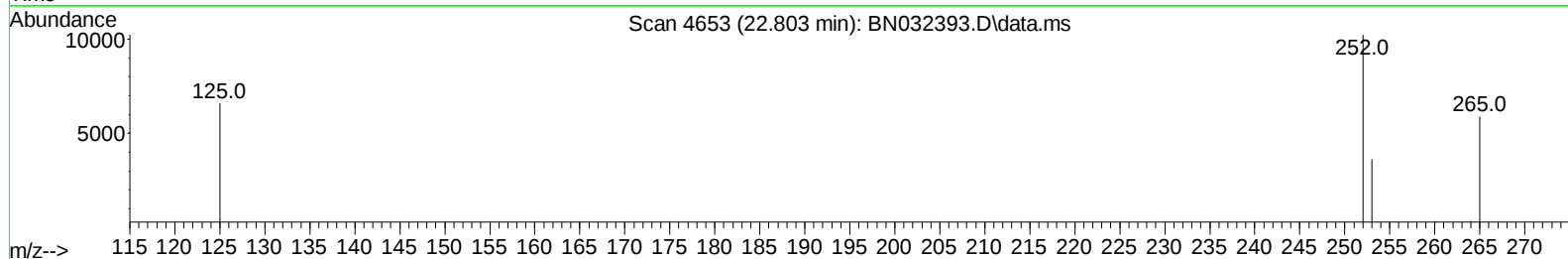
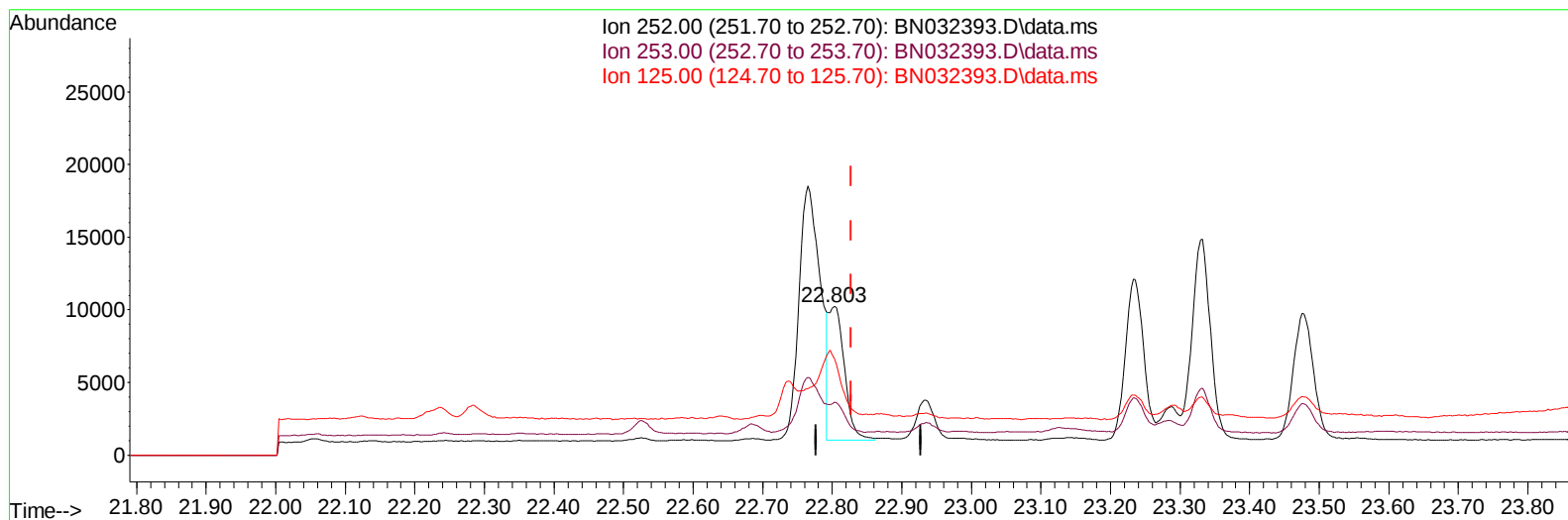
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
Data File : BN032393.D
Acq On : 02 Jul 2024 10:34
Operator : MA/JU
Sample : P2871-15
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CN5

Manual IntegrationsAPPROVED

Quant Time: Jul 02 12:56:44 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: BN032393.D\data.ms

(25) Benzo(k)fluoranthene

22.803min (-0.025) 0.18 ng/u1 m

response 14849

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.40	35.50#
125.00	16.00	64.49#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070124\
 Data File : BN032393.D
 Acq On : 02 Jul 2024 10:34
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.608	152	8829	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.381	136	27780	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.252	164	15527	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.006	188	26602m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.213	240	18685m	0.400	ng/ul	-0.01
23) Perylene-d12	23.429	264	20082m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.148	96	27147	2.766	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.981	152	9420	0.226	ng/ul	-0.02
18) Fluoranthene-d10	19.044	212	15480	0.275	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.430	128	2211	0.030	ng/ul#	86
10) Acenaphthylene	13.974	152	2720	0.042	ng/ul#	88
11) Acenaphthene	14.317	153	1237	0.025	ng/ul	96
12) Fluorene	15.307	166	1356	0.023	ng/ul#	94
15) Phenanthrene	17.049	178	28131m	0.386	ng/ul	
16) Anthracene	17.141	178	6243m	0.096	ng/ul	
19) Fluoranthene	19.072	202	54884	0.771	ng/ul	97
20) Pyrene	19.439	202	50451	0.679	ng/ul	99
21) Benzo(a)anthracene	21.199	228	22539	0.334	ng/ul#	93
22) Chrysene	21.248	228	26517	0.358	ng/ul#	94
24) Benzo(b)fluoranthene	22.765	252	37289m	0.427	ng/ul	
25) Benzo(k)fluoranthene	22.803	252	14849m	0.175	ng/ul	
26) Benzo(a)pyrene	23.332	252	25476	0.420	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.665	276	21354	0.225	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.668	278	4781	0.068	ng/ul#	15
29) Benzo(g,h,i)perylene	26.349	276	21369	0.282	ng/ul	92

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

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