

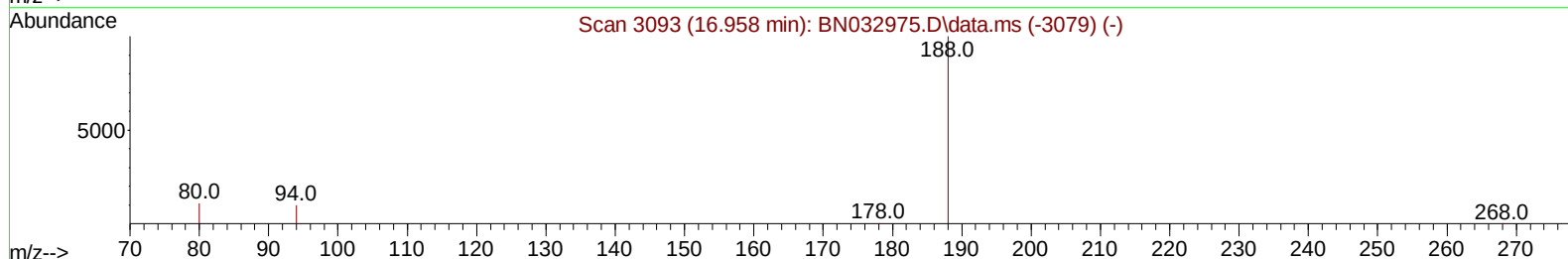
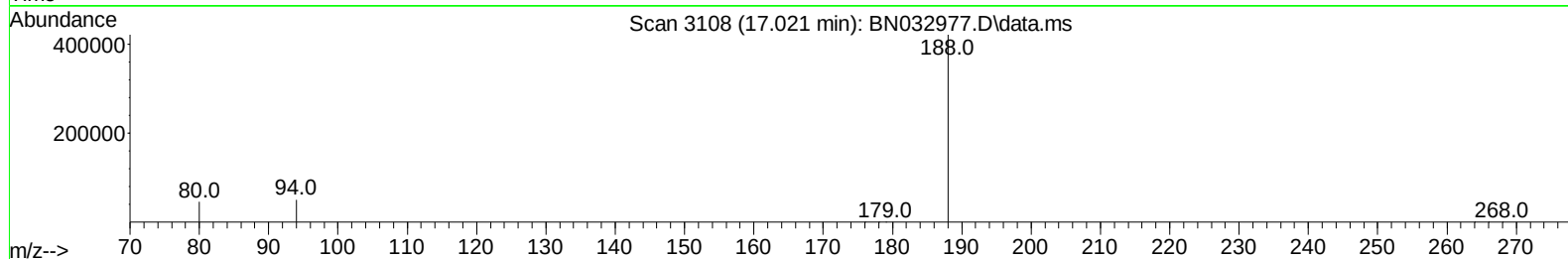
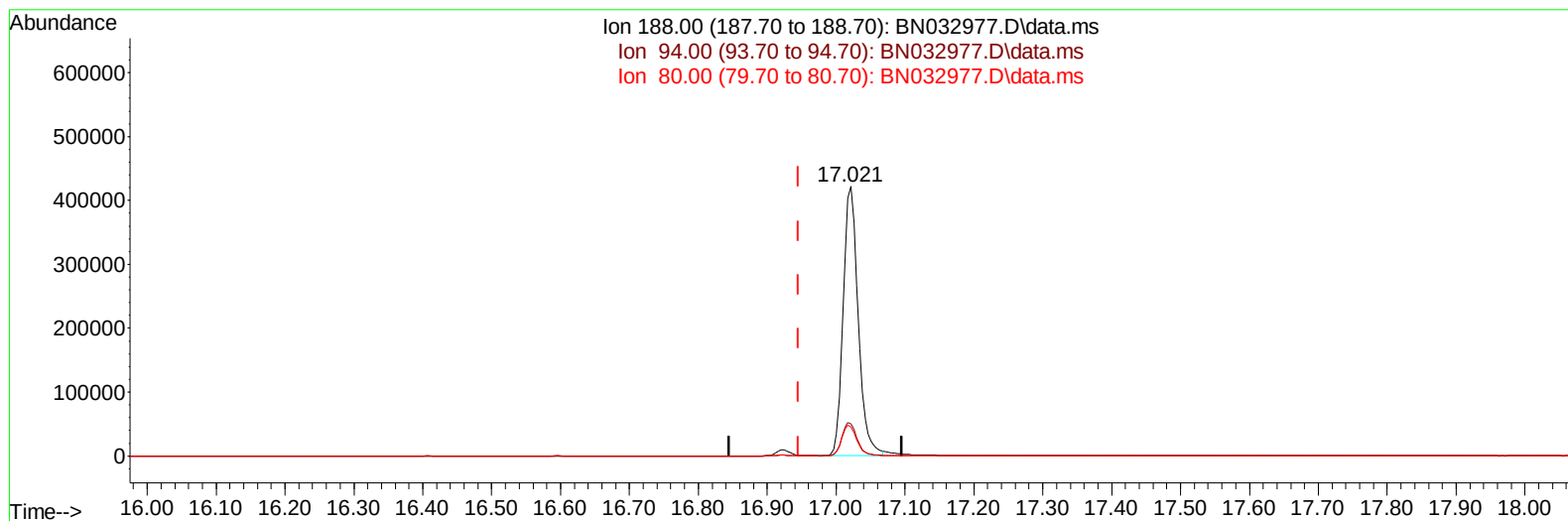
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072524\
Data File : BN032977.D
Acq On : 25 Jul 2024 18:21
Operator : MA/JU
Sample : P3263-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CH2

Manual IntegrationsAPPROVED

Quant Time: Jul 26 01:18:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 25 15:43:00 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/30/2024



TIC: BN032977.D\data.ms

(13) Phenanthrene-d10 (I)

17.021min (+ 0.076) 0.40 ng/u1

response 639396

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	12.40	11.89
80.00	13.10	10.82
0.00	0.00	0.00

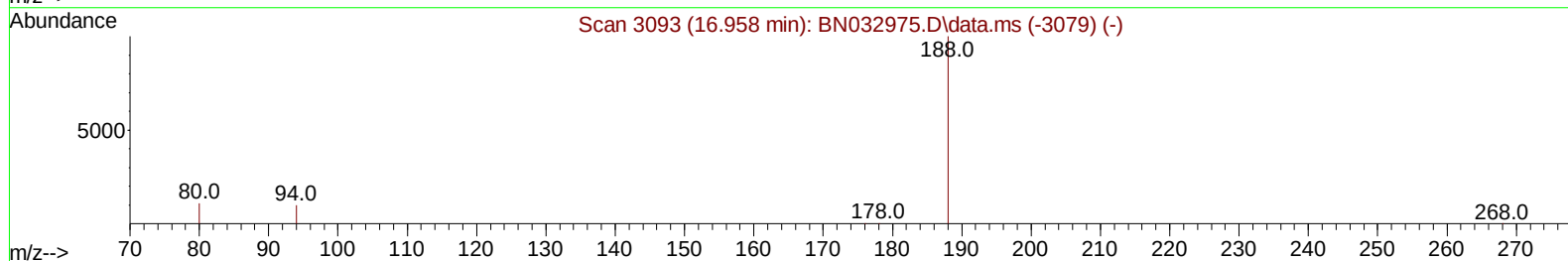
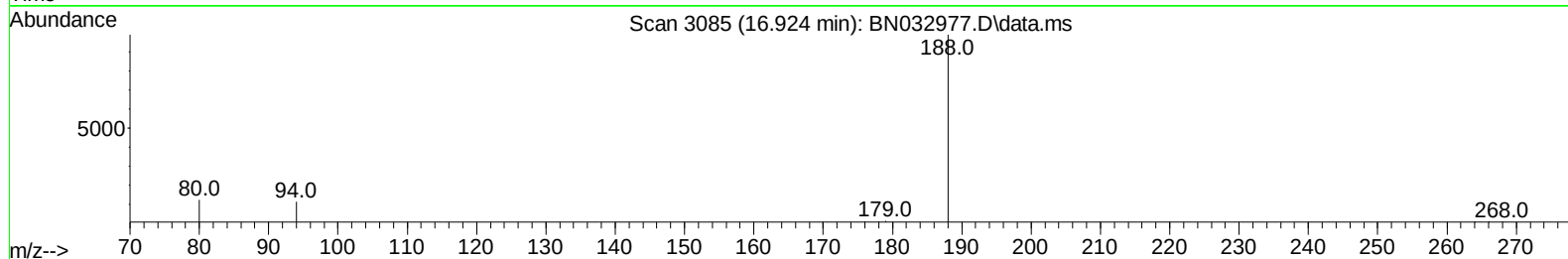
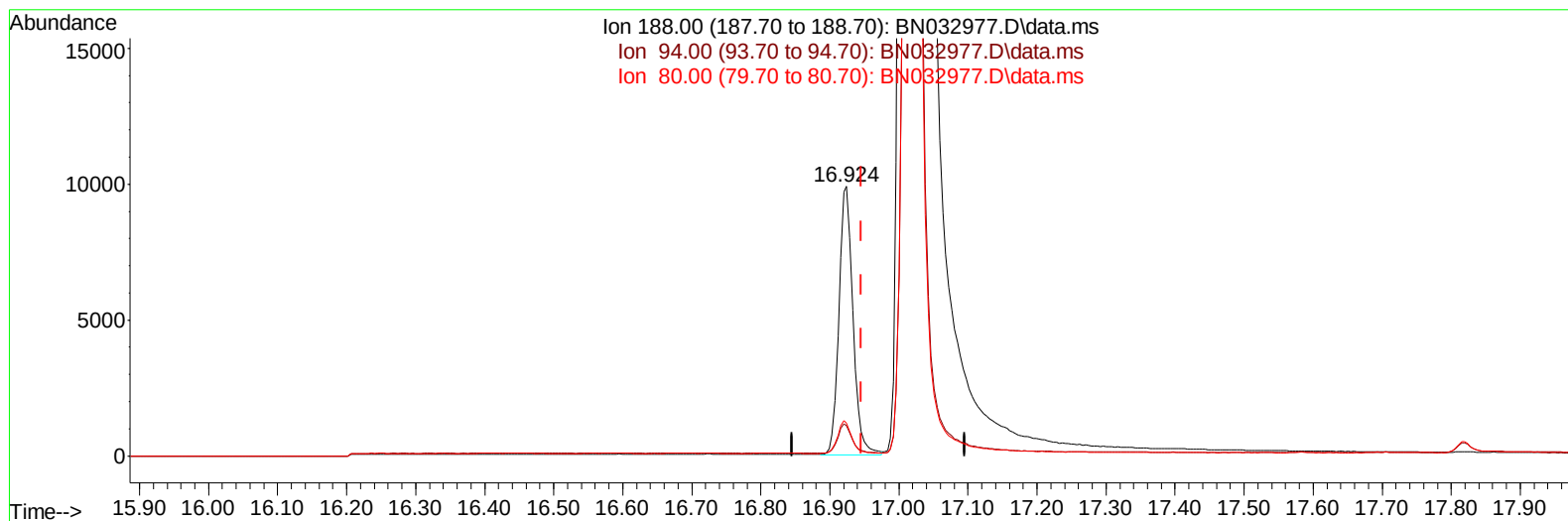
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072524\
Data File : BN032977.D
Acq On : 25 Jul 2024 18:21
Operator : MA/JU
Sample : P3263-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CH2

Manual IntegrationsAPPROVED

Quant Time: Jul 26 01:18:22 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 25 15:43:00 2024
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Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/30/2024



TIC: BN032977.D\data.ms

(13) Phenanthrene-d10 (I)

16.924min (-0.021) 0.40 ng/ul m

response 13845

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	12.40	11.18
80.00	13.10	12.17
0.00	0.00	0.00

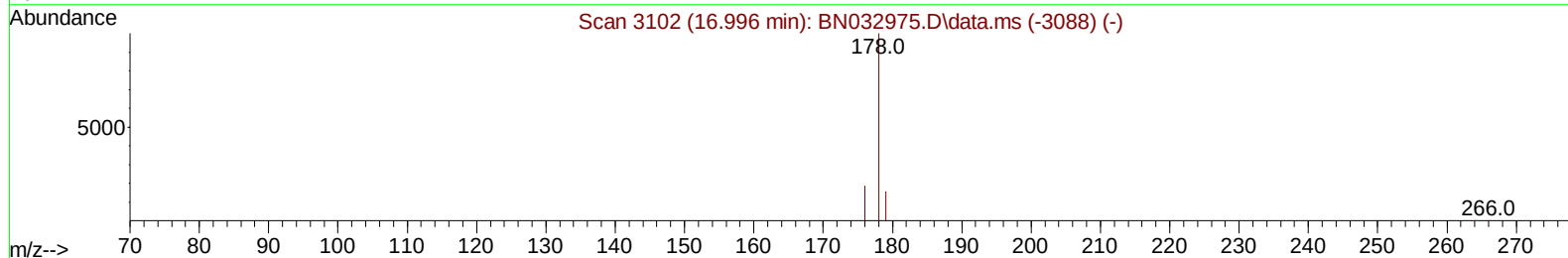
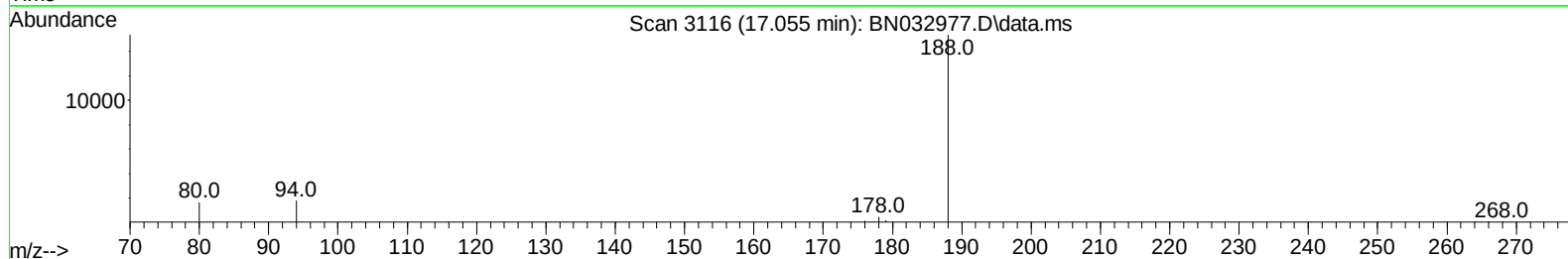
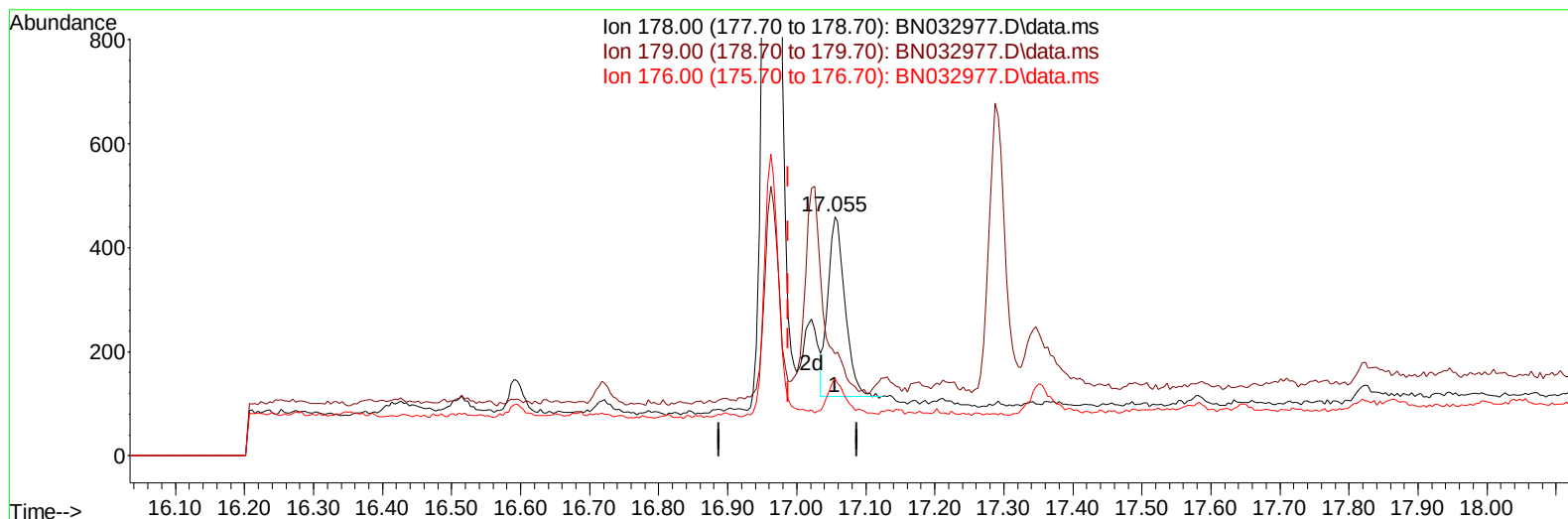
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072524\
Data File : BN032977.D
Acq On : 25 Jul 2024 18:21
Operator : MA/JU
Sample : P3263-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CH2

Manual IntegrationsAPPROVED

Quant Time: Jul 26 01:18:22 2024
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TIC: BN032977.D\data.ms

(15) Phenanthrene

17.055min (+ 0.068) 0.02 ng/u1

response 593

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.10	42.61#
176.00	19.90	32.17#
0.00	0.00	0.00

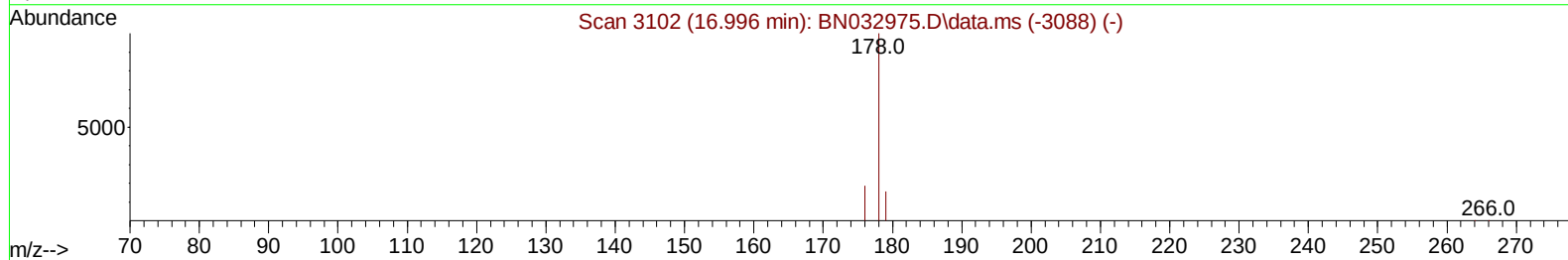
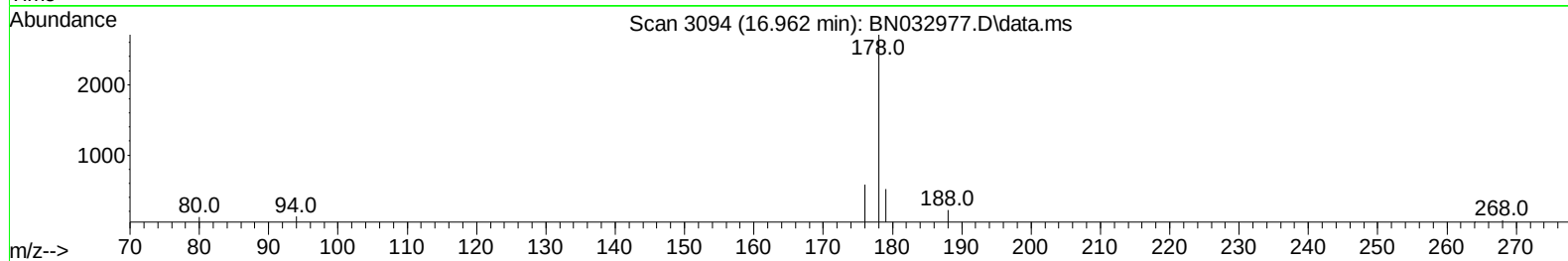
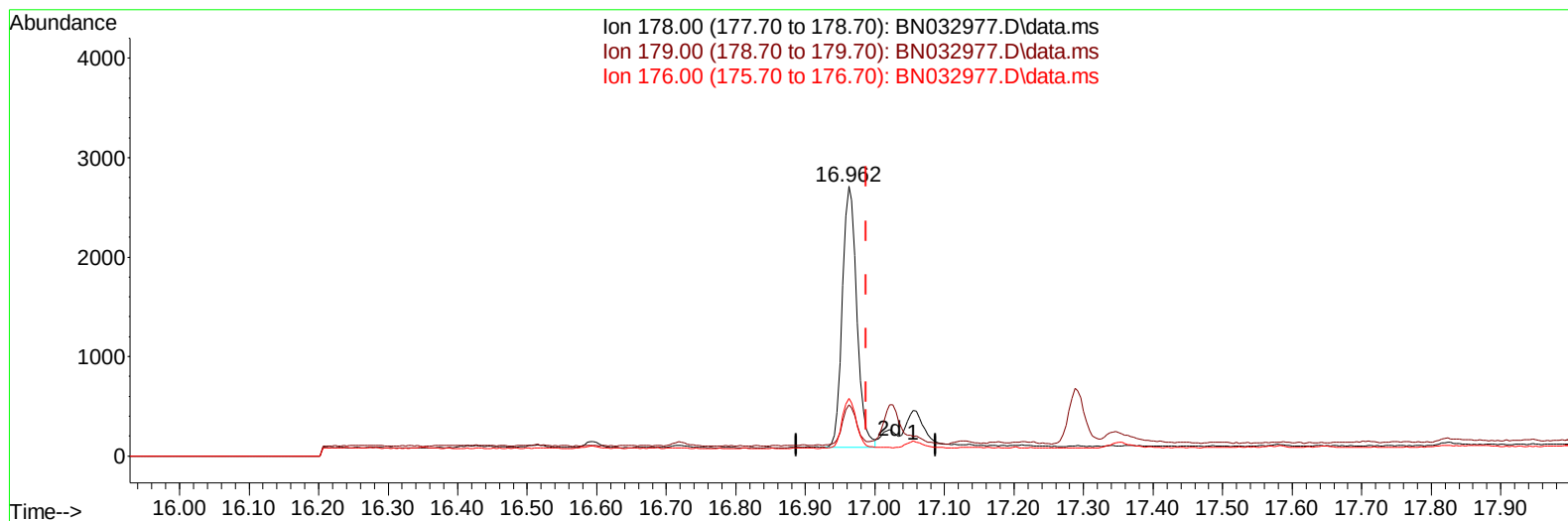
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072524\
Data File : BN032977.D
Acq On : 25 Jul 2024 18:21
Operator : MA/JU
Sample : P3263-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CH2

Manual IntegrationsAPPROVED

Quant Time: Jul 26 01:18:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
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QLast Update : Thu Jul 25 15:43:00 2024
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TIC: BN032977.D\data.ms

(15) Phenanthrene

16.962min (-0.025) 0.10 ng/ul m

response 3836

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.10	19.11
176.00	19.90	21.44
0.00	0.00	0.00

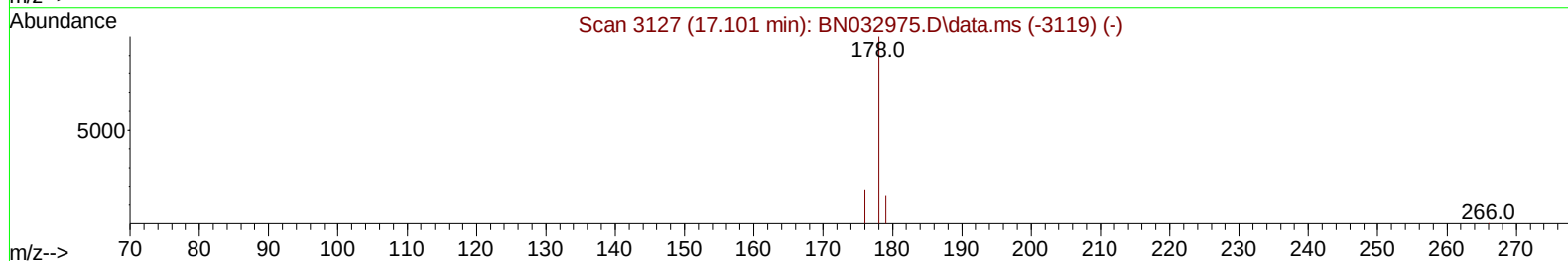
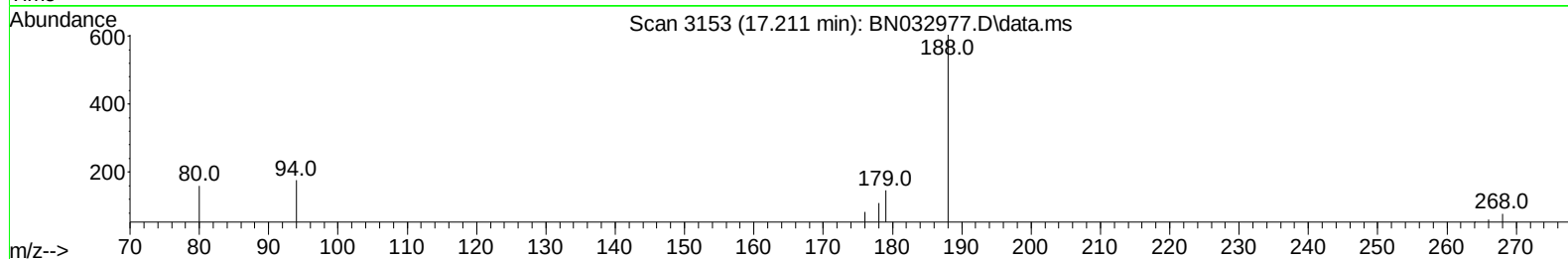
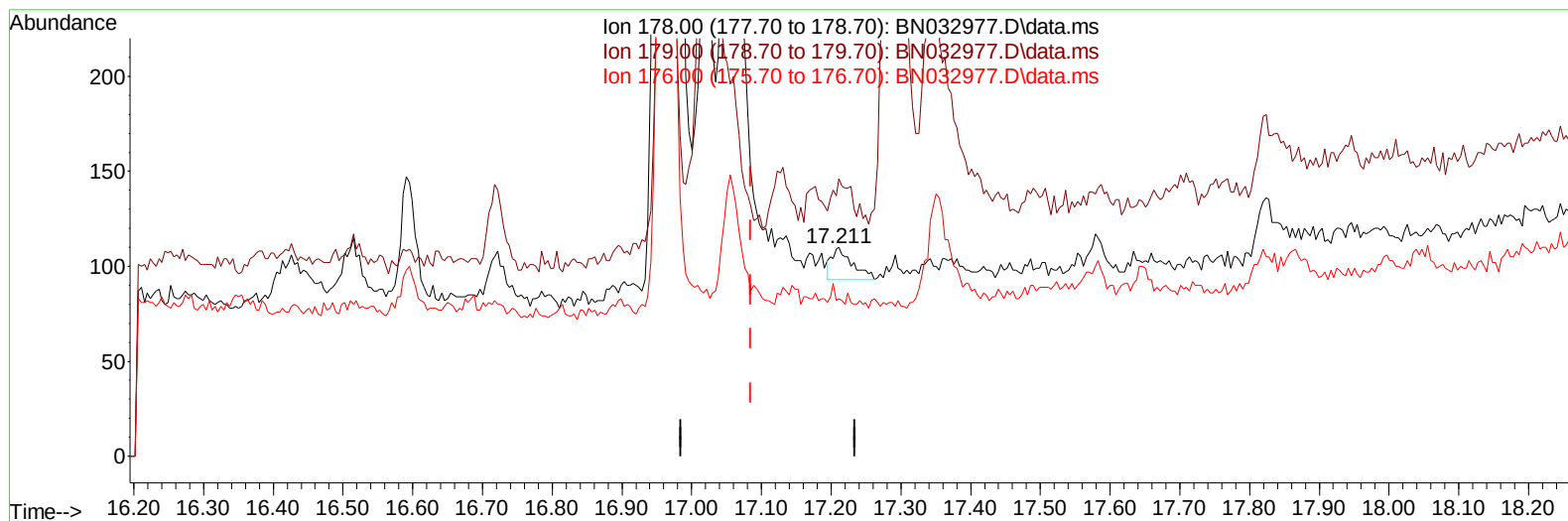
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072524\
Data File : BN032977.D
Acq On : 25 Jul 2024 18:21
Operator : MA/JU
Sample : P3263-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CH2

Manual IntegrationsAPPROVED

Quant Time: Jul 26 01:18:22 2024
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TIC: BN032977.D\data.ms

(16) Anthracene

17.211min (+ 0.127) 0.00 ng/u1

response 34

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.90	132.73#
176.00	19.80	75.45#
0.00	0.00	0.00

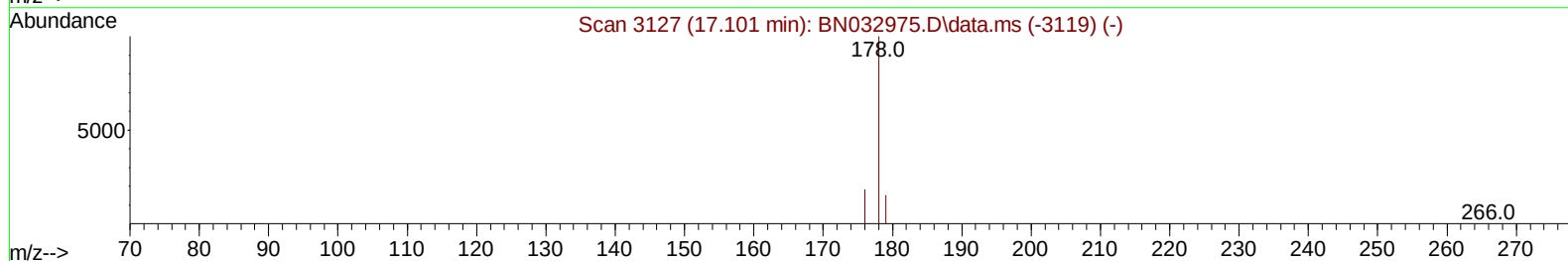
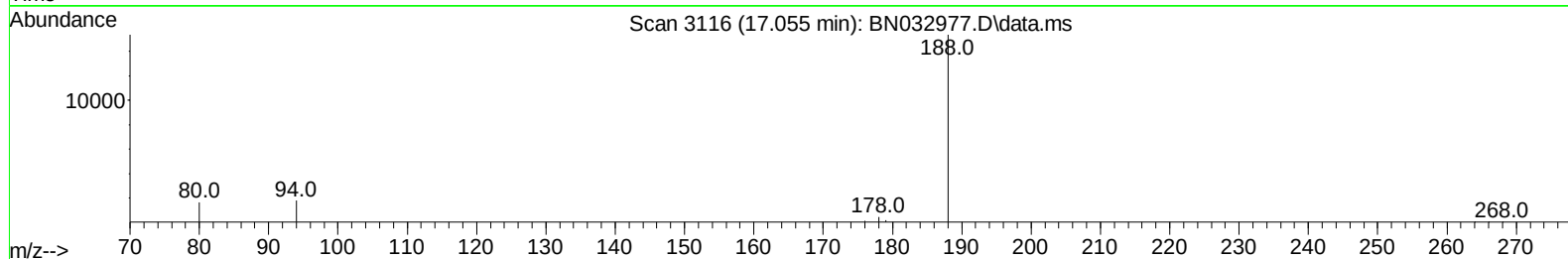
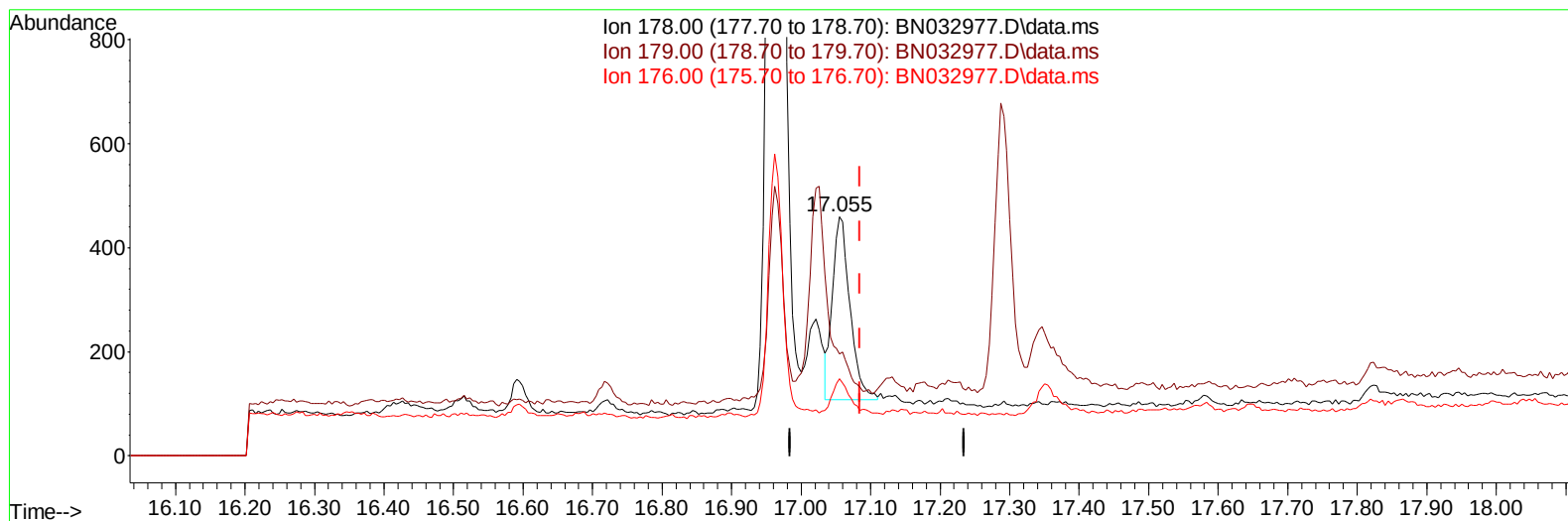
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072524\
Data File : BN032977.D
Acq On : 25 Jul 2024 18:21
Operator : MA/JU
Sample : P3263-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CH2

Manual IntegrationsAPPROVED

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TIC: BN032977.D\data.ms

(16) Anthracene

17.055min (-0.029) 0.02 ng/ul m

response 620

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	17.90	42.61#
176.00	19.80	32.17#
0.00	0.00	0.00

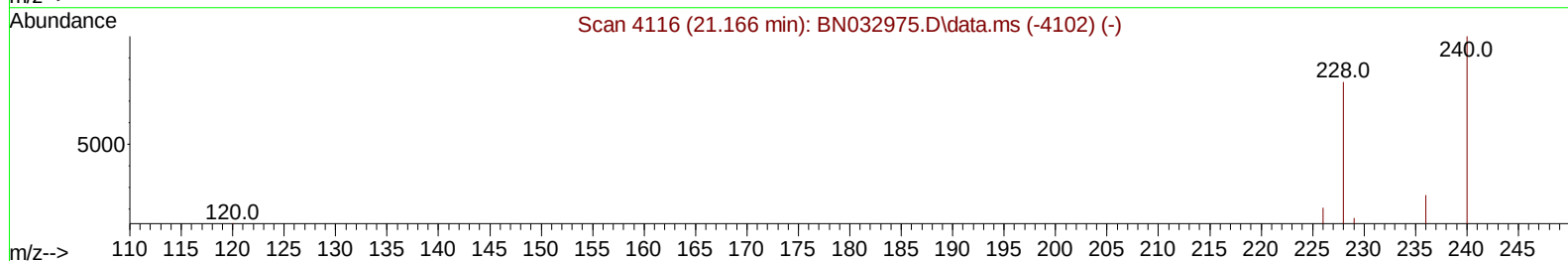
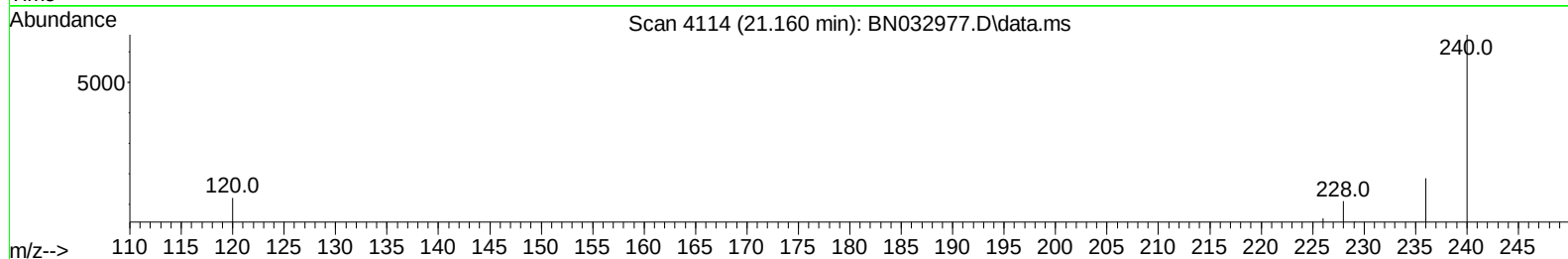
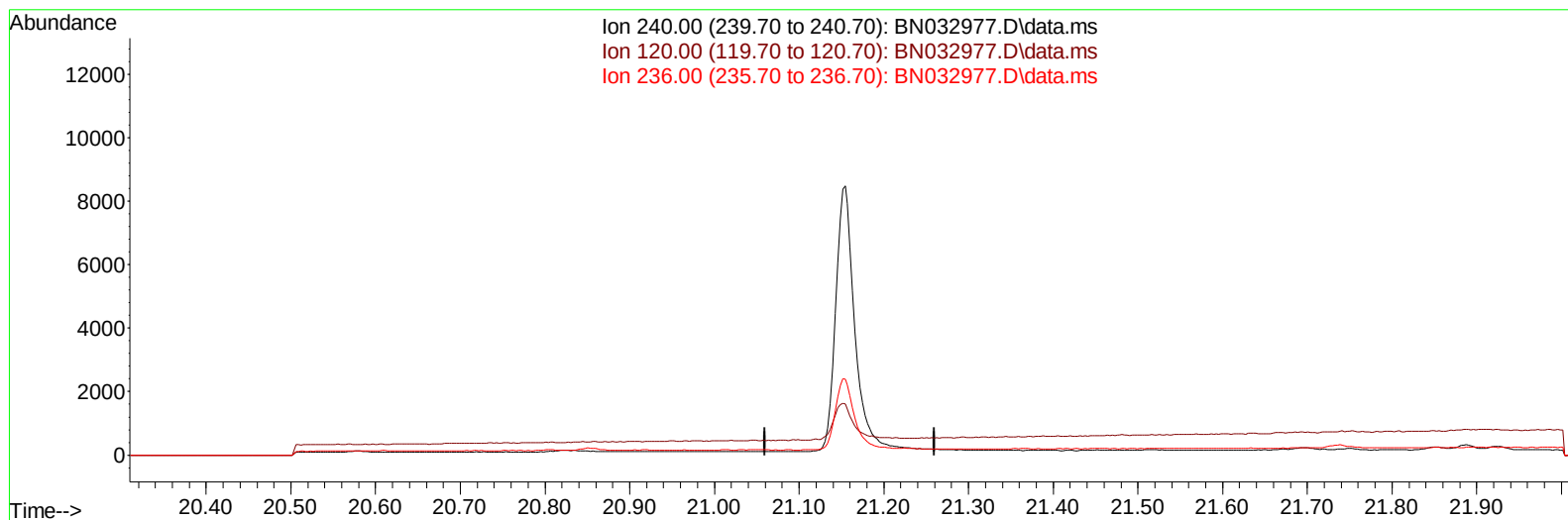
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072524\
Data File : BN032977.D
Acq On : 25 Jul 2024 18:21
Operator : MA/JU
Sample : P3263-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CH2

Manual IntegrationsAPPROVED

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TIC: BN032977.D\data.ms

(17) Chrysene-d12

21.160min (-21.160) 0.00 ng/u1

response 0

Ion	Exp%	Act%
240.00	100.00	0.00
120.00	21.40	0.00#
236.00	29.50	0.00#
0.00	0.00	0.00

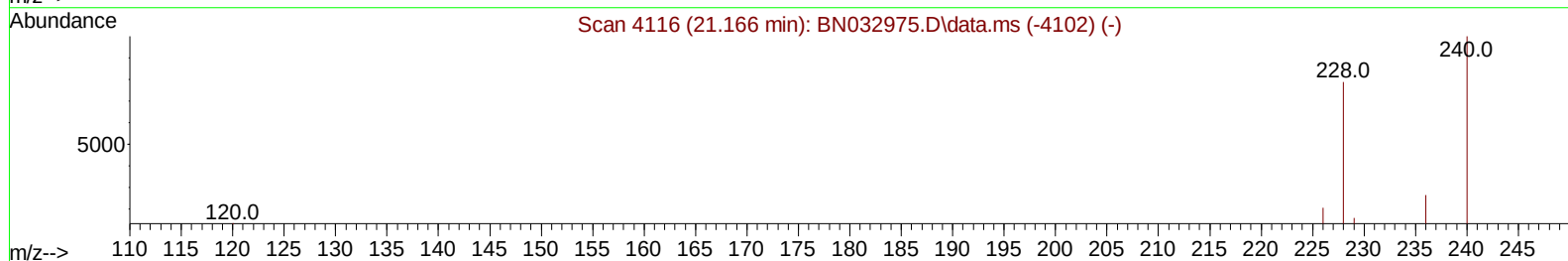
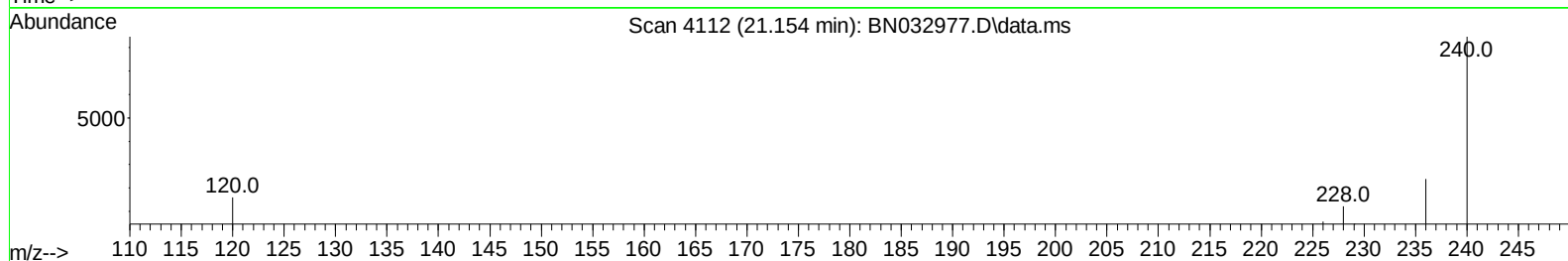
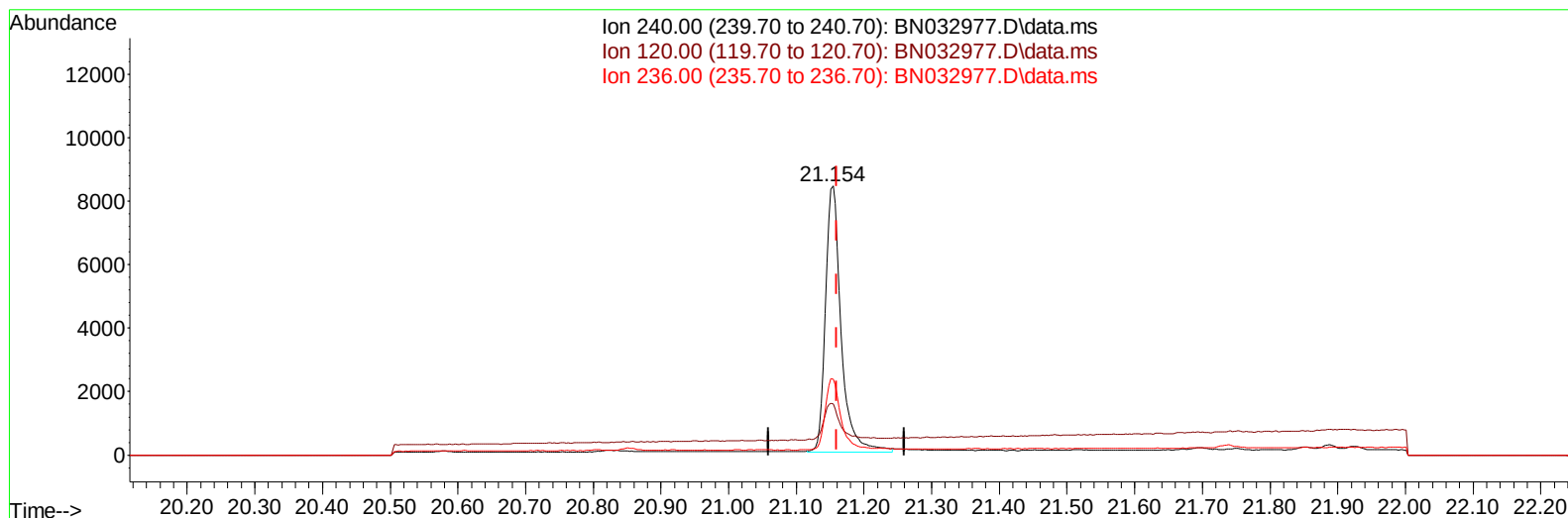
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072524\
Data File : BN032977.D
Acq On : 25 Jul 2024 18:21
Operator : MA/JU
Sample : P3263-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CH2

Manual IntegrationsAPPROVED

Quant Time: Jul 26 01:18:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 25 15:43:00 2024
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TIC: BN032977.D\data.ms

(17) Chrysene-d12

21.154min (-0.006) 0.40 ng/ul m

response 13529

Ion	Exp%	Act%
240.00	100.00	100.00
120.00	21.40	18.94
236.00	29.50	28.09
0.00	0.00	0.00

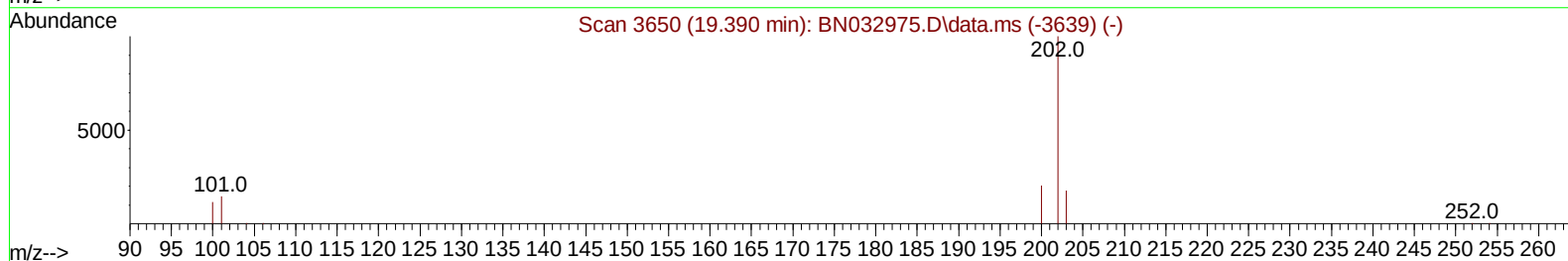
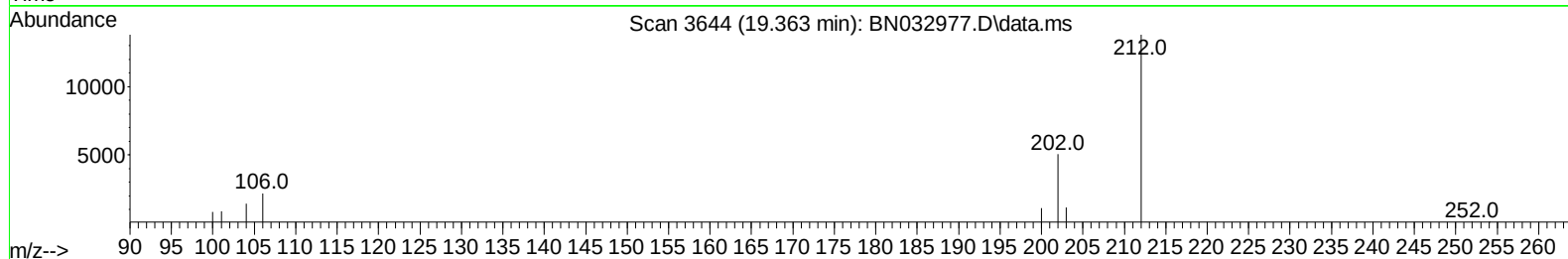
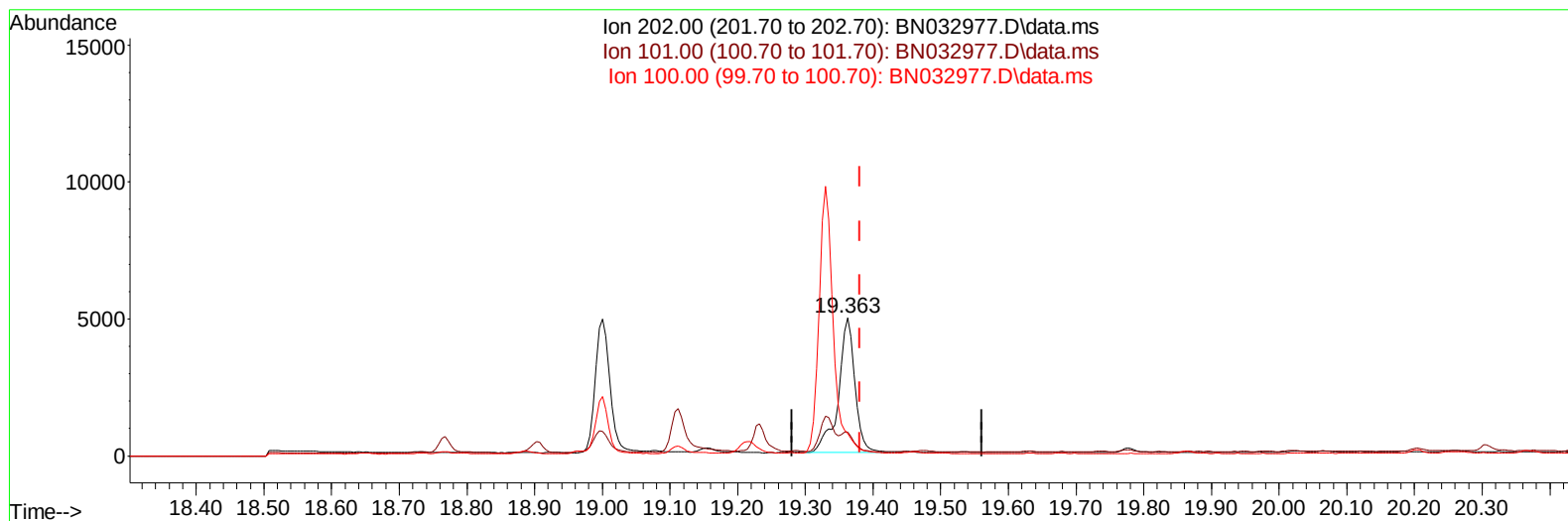
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072524\
Data File : BN032977.D
Acq On : 25 Jul 2024 18:21
Operator : MA/JU
Sample : P3263-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CH2

Manual IntegrationsAPPROVED

Quant Time: Jul 26 01:18:22 2024
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TIC: BN032977.D\data.ms

(20) Pyrene

19.363min (-0.018) 0.17 ng/u1

response 8241

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	15.70	17.22
100.00	12.40	16.47#
0.00	0.00	0.00

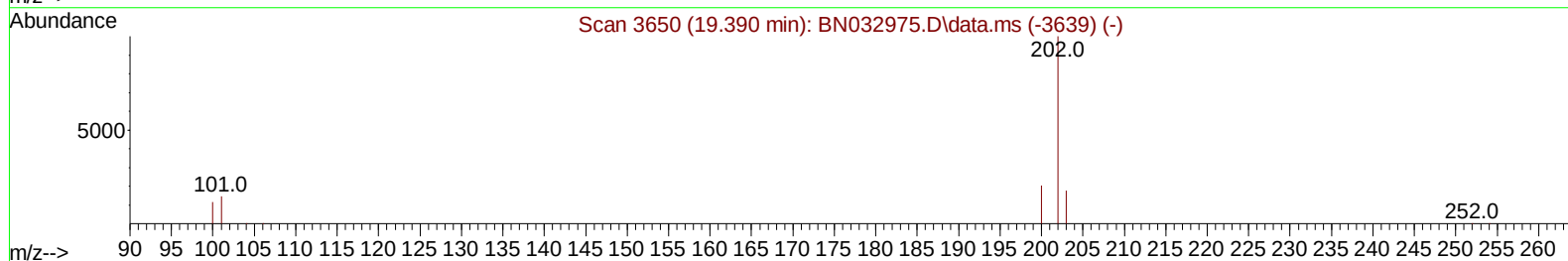
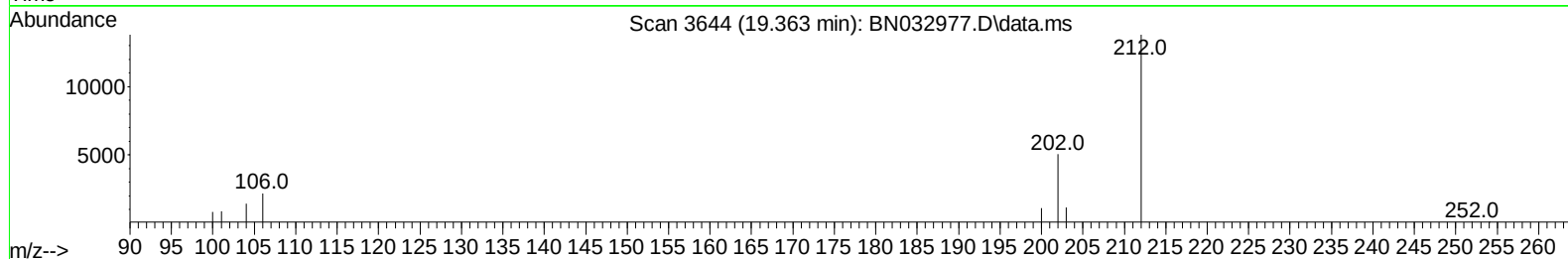
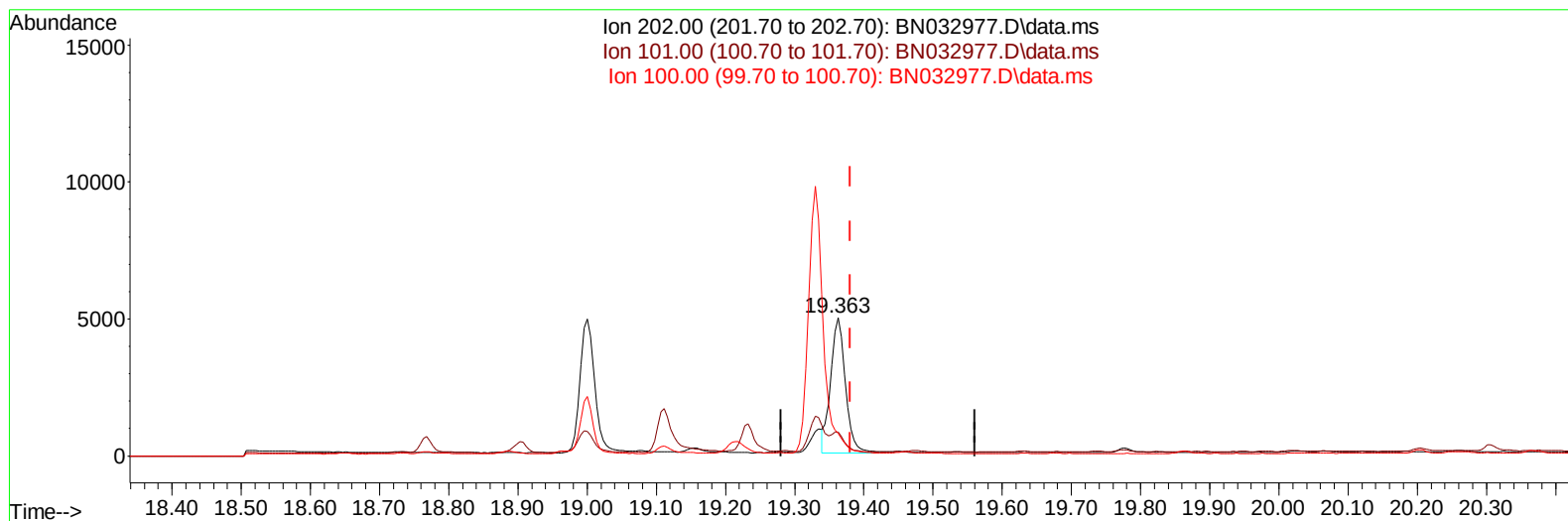
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072524\
Data File : BN032977.D
Acq On : 25 Jul 2024 18:21
Operator : MA/JU
Sample : P3263-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CH2

Manual IntegrationsAPPROVED

Quant Time: Jul 26 01:18:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
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TIC: BN032977.D\data.ms

(20) Pyrene

19.363min (-0.018) 0.15 ng/ul m

response 7354

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	15.70	17.22
100.00	12.40	16.47#
0.00	0.00	0.00

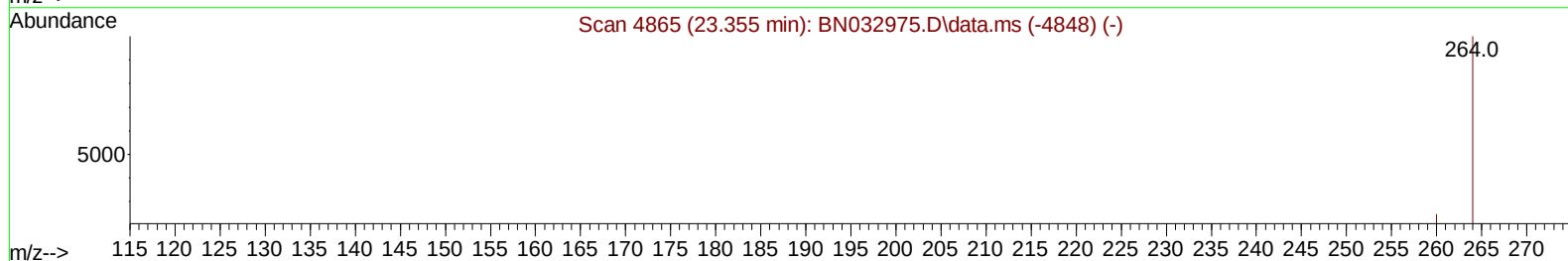
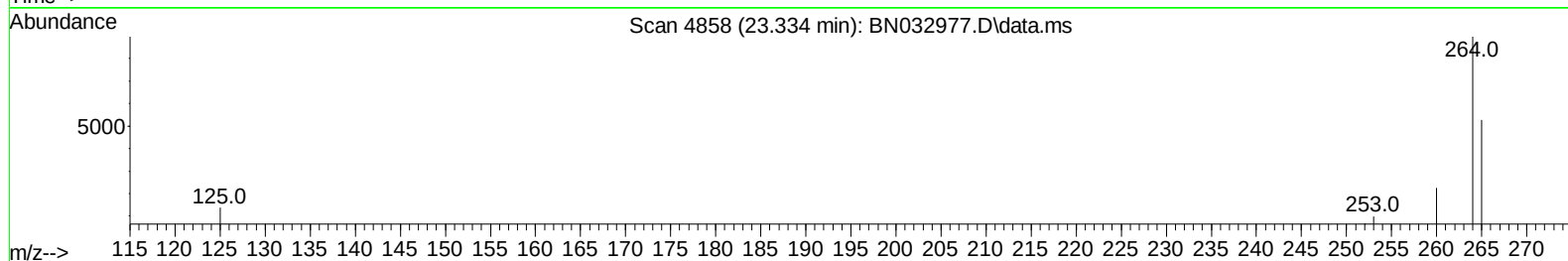
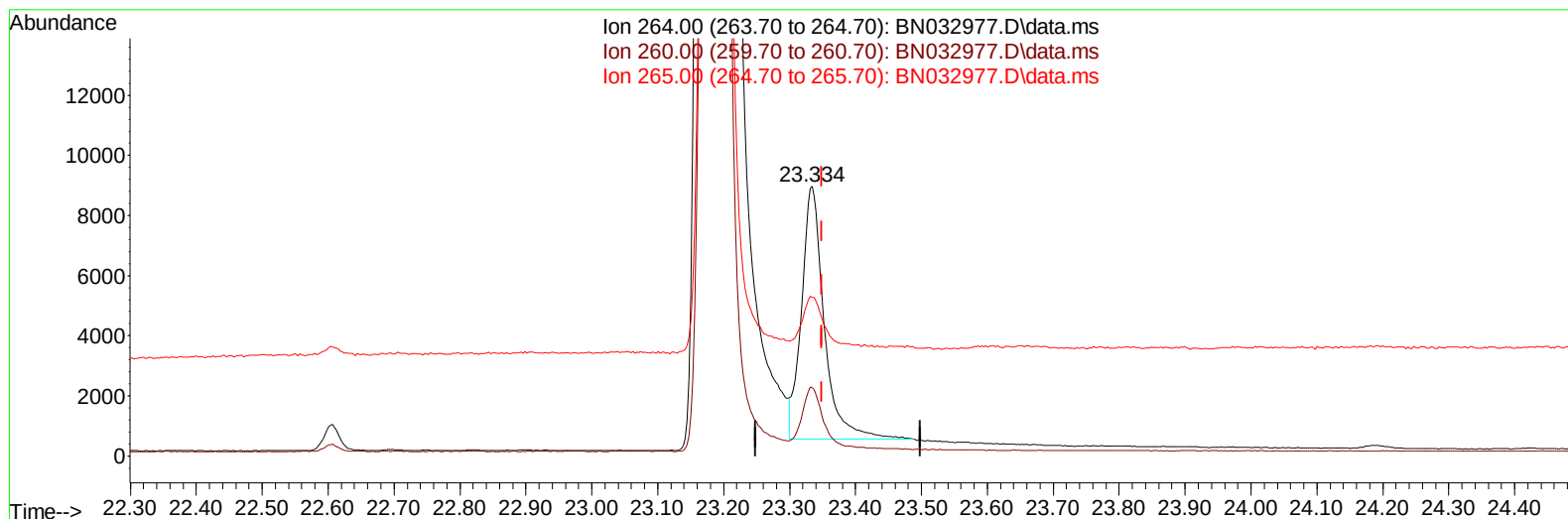
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072524\
Data File : BN032977.D
Acq On : 25 Jul 2024 18:21
Operator : MA/JU
Sample : P3263-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CH2

Manual IntegrationsAPPROVED

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TIC: BN032977.D\data.ms

(23) Perylene-d12 (I)

23.334min (-0.014) 0.40 ng/u1

response 20107

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.50	25.28
265.00	80.60	58.84#
0.00	0.00	0.00

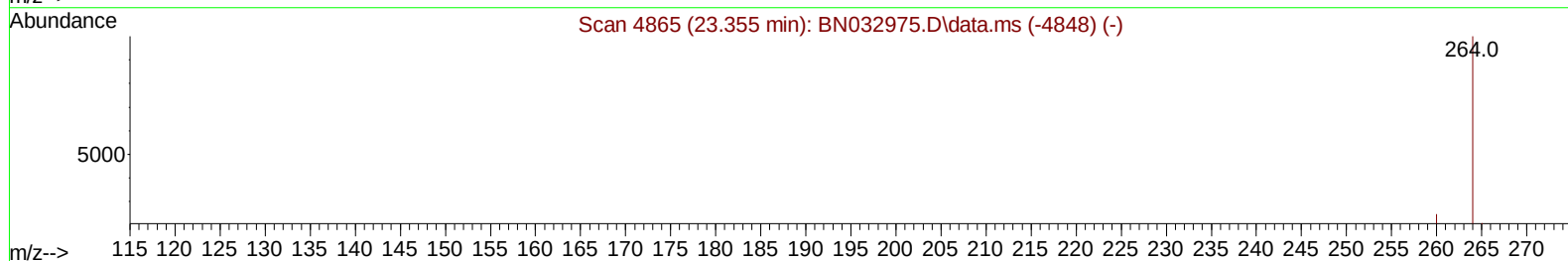
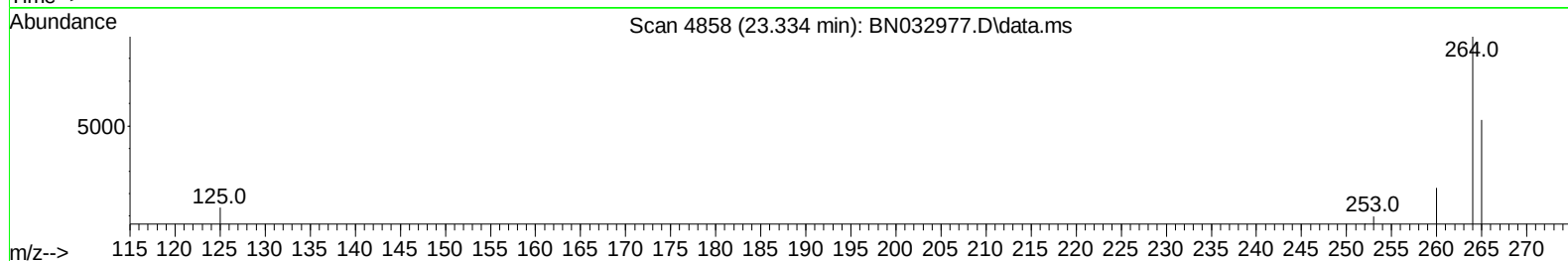
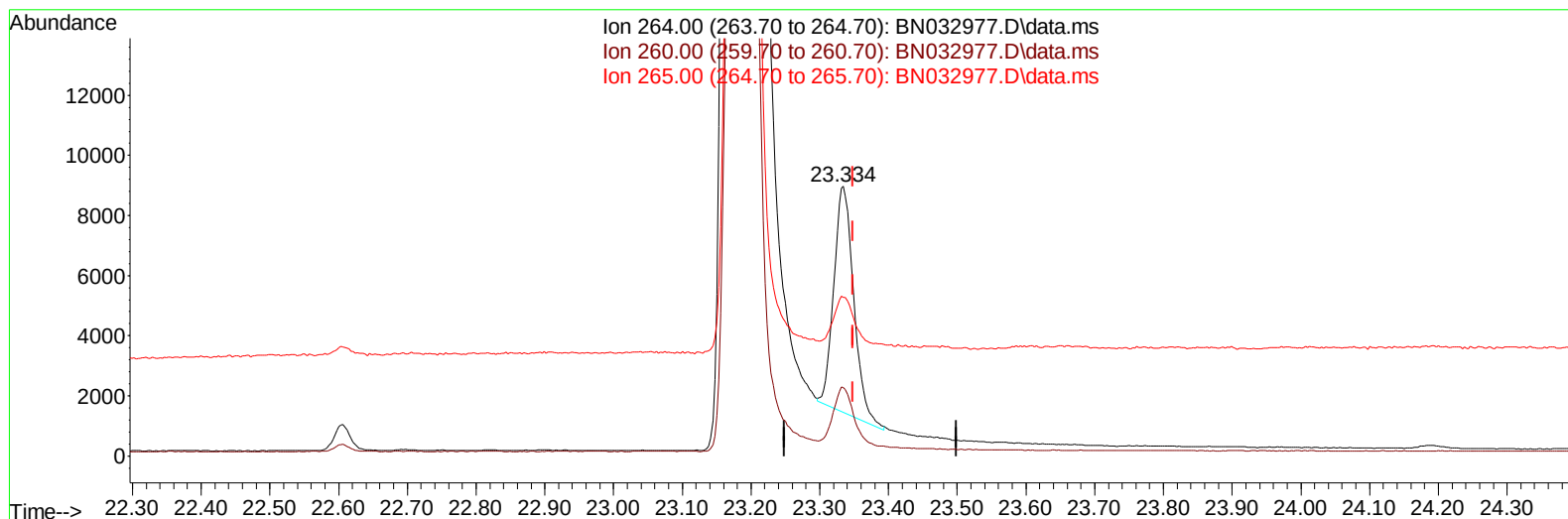
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072524\
Data File : BN032977.D
Acq On : 25 Jul 2024 18:21
Operator : MA/JU
Sample : P3263-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CH2

Manual IntegrationsAPPROVED

Quant Time: Jul 26 01:18:22 2024
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TIC: BN032977.D\data.ms

(23) Perylene-d12 (I)

23.334min (-0.014) 0.40 ng/ul m

response 15058

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.50	25.28
265.00	80.60	58.84#
0.00	0.00	0.00

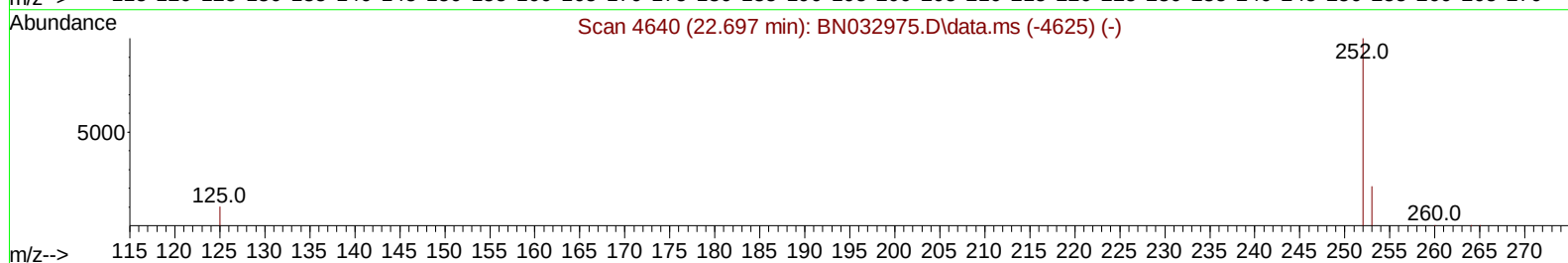
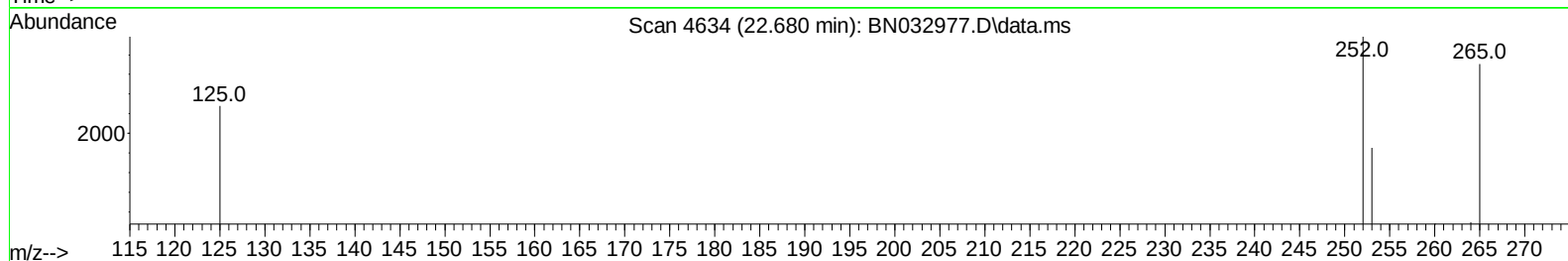
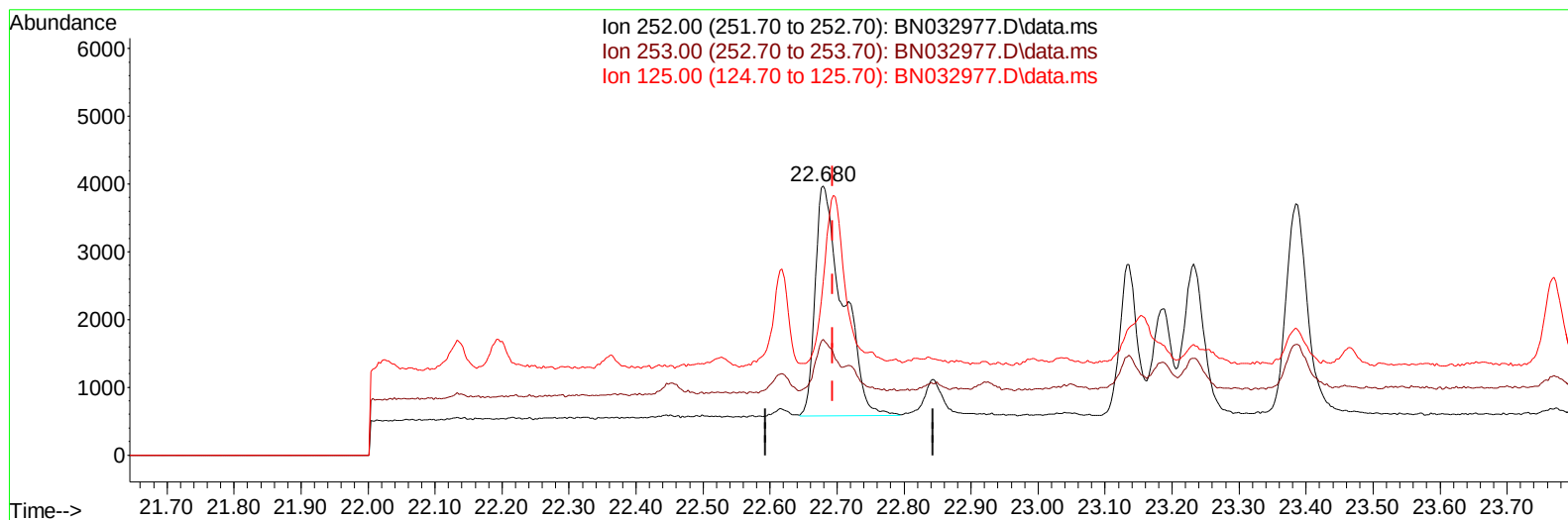
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072524\
Data File : BN032977.D
Acq On : 25 Jul 2024 18:21
Operator : MA/JU
Sample : P3263-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CH2

Manual IntegrationsAPPROVED

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TIC: BN032977.D\data.ms

(24) Benzo(b)fluoranthene

22.680min (-0.014) 0.22 ng/u1

response 9748

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	30.30	43.06
125.00	25.50	64.58#
0.00	0.00	0.00

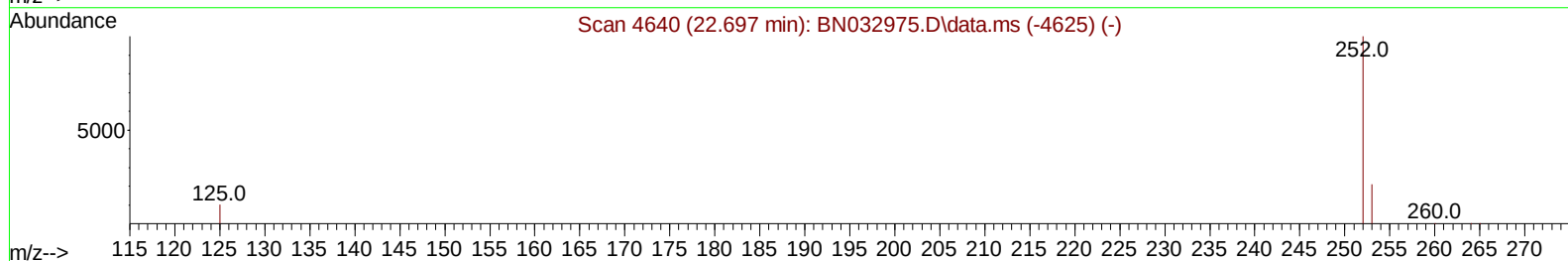
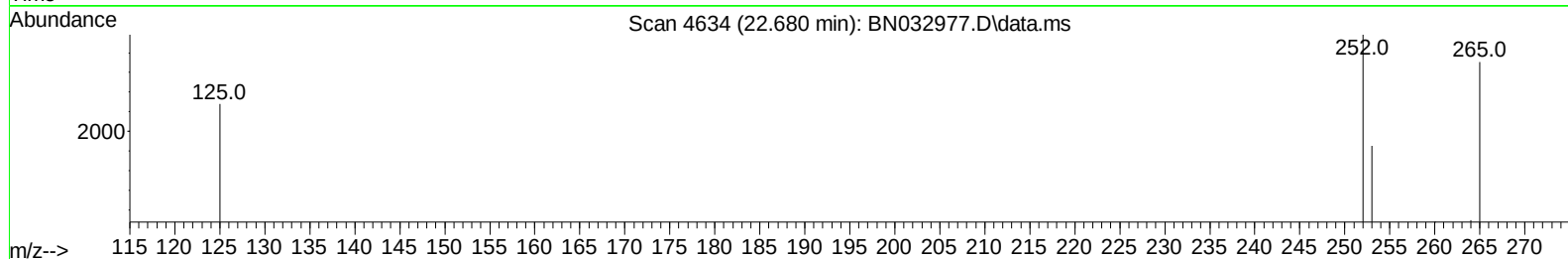
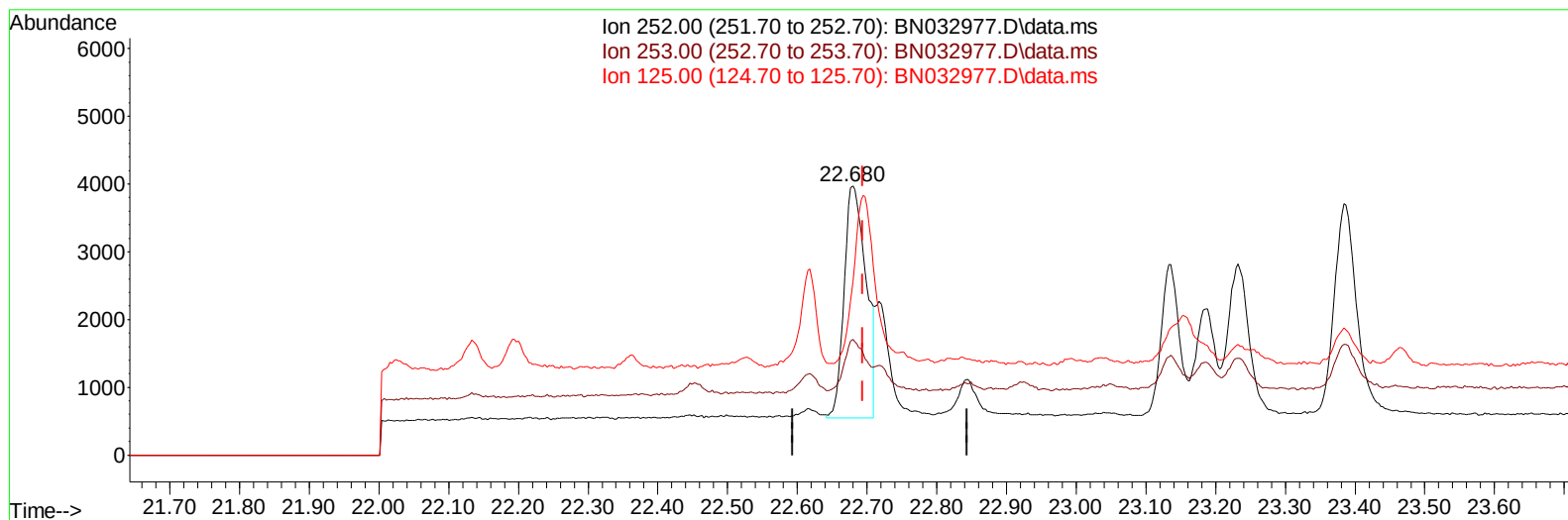
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072524\
Data File : BN032977.D
Acq On : 25 Jul 2024 18:21
Operator : MA/JU
Sample : P3263-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CH2

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/30/2024

Quant Time: Jul 26 01:18:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN072524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 25 15:43:00 2024
Response via : Initial Calibration



TIC: BN032977.D\data.ms

(24) Benzo(b)fluoranthene

22.680min (-0.014) 0.17 ng/ul m

response 7432

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	30.30	43.06
125.00	25.50	64.58#
0.00	0.00	0.00

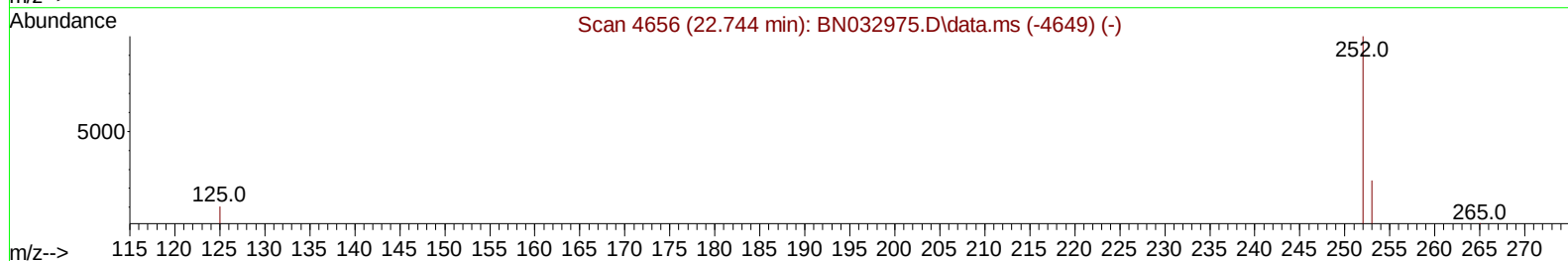
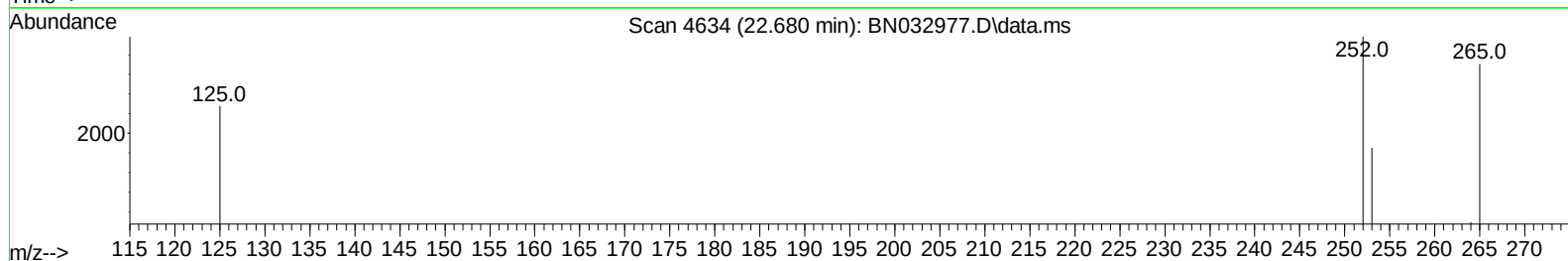
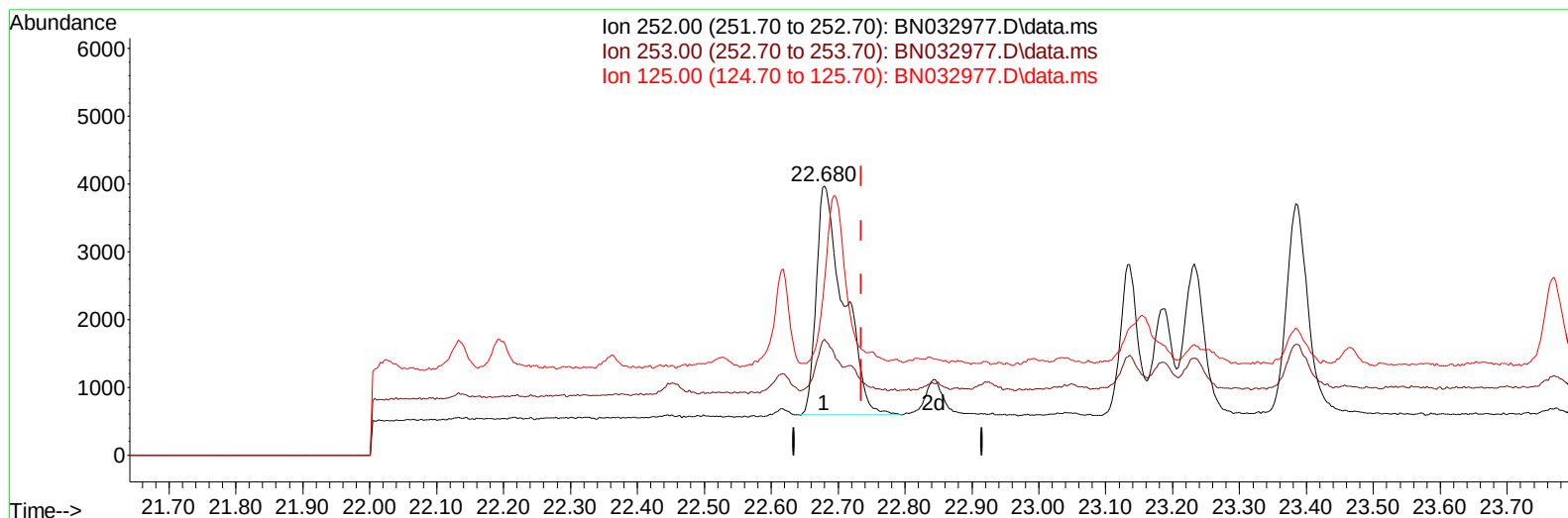
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072524\
Data File : BN032977.D
Acq On : 25 Jul 2024 18:21
Operator : MA/JU
Sample : P3263-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CH2

Manual IntegrationsAPPROVED

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TIC: BN032977.D\data.ms

(25) Benzo(k)fluoranthene

22.680min (-0.055) 0.18 ng/u1

response 9663

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.10	43.06#
125.00	26.10	64.58#
0.00	0.00	0.00

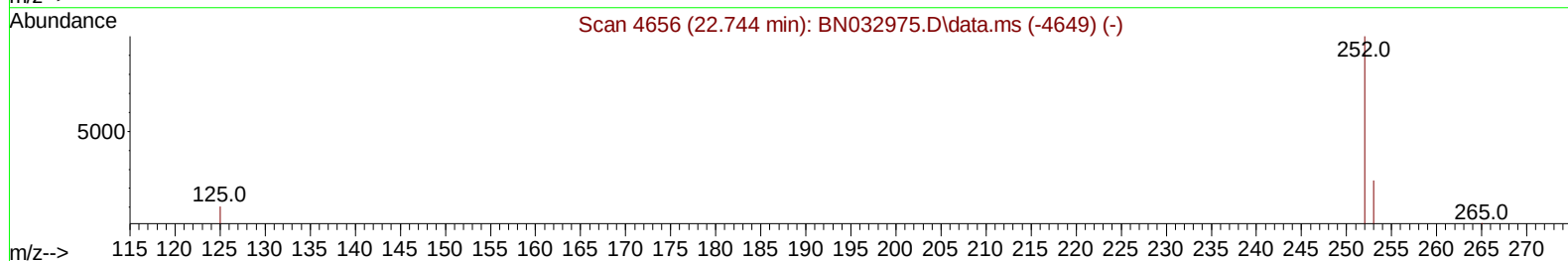
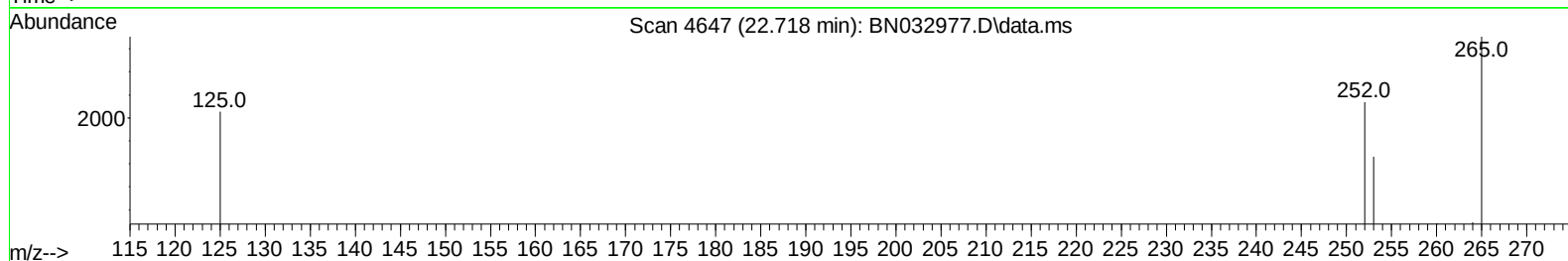
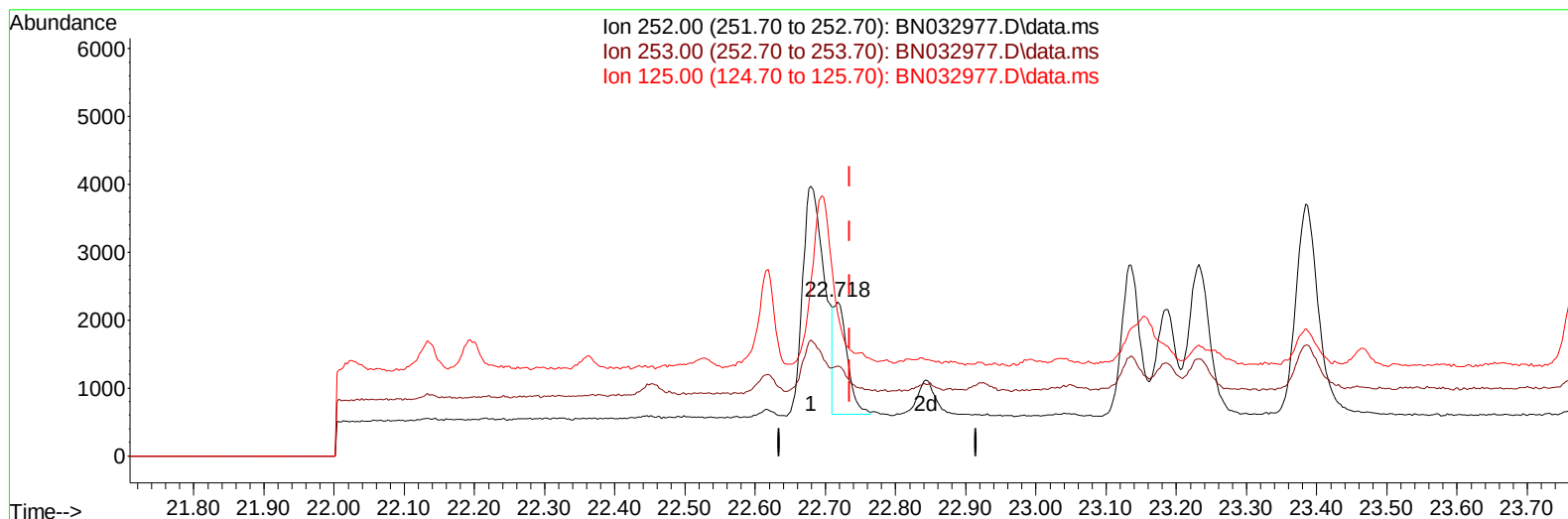
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072524\
Data File : BN032977.D
Acq On : 25 Jul 2024 18:21
Operator : MA/JU
Sample : P3263-14
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CH2

Manual IntegrationsAPPROVED

Quant Time: Jul 26 01:18:22 2024
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TIC: BN032977.D\data.ms

(25) Benzo(k)fluoranthene

22.718min (-0.017) 0.04 ng/ul m

response 2283

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.10	58.37#
125.00	26.10	92.86#
0.00	0.00	0.00

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 Data File : BN032977.D
 Acq On : 25 Jul 2024 18:21
 Operator : MA/JU
 Sample : P3263-14
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CH2

Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 07/30/2024

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 QLast Update : Thu Jul 25 15:43:00 2024
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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.508	152		2773	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.273	136		9970	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.162	164		6412	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.924	188		13845m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.154	240		13529m	0.400	ng/ul	0.00
23) Perylene-d12	23.334	264		15058m	0.400	ng/ul	-0.01
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.065	96		10249	2.922	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.890	152		3299	0.203	ng/ul	-0.02
18) Fluoranthene-d10	18.968	212		8815	0.230	ng/ul	-0.01
Target Compounds							Qvalue
15) Phenanthrene	16.962	178		3836m	0.103	ng/ul	
19) Fluoranthene	19.000	202		7438	0.167	ng/ul#	55
20) Pyrene	19.363	202		7354m	0.154	ng/ul	
21) Benzo(a)anthracene	21.140	228		4128	0.089	ng/ul#	89
22) Chrysene	21.192	228		4279	0.079	ng/ul#	91
24) Benzo(b)fluoranthene	22.680	252		7432m	0.169	ng/ul	
25) Benzo(k)fluoranthene	22.718	252		2283m	0.043	ng/ul	
26) Benzo(a)pyrene	23.232	252		4521	0.109	ng/ul#	65
27) Indeno(1,2,3-cd)pyrene	25.554	276		3988	0.063	ng/ul#	71
29) Benzo(g,h,i)perylene	26.235	276		4249	0.085	ng/ul#	65

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

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