

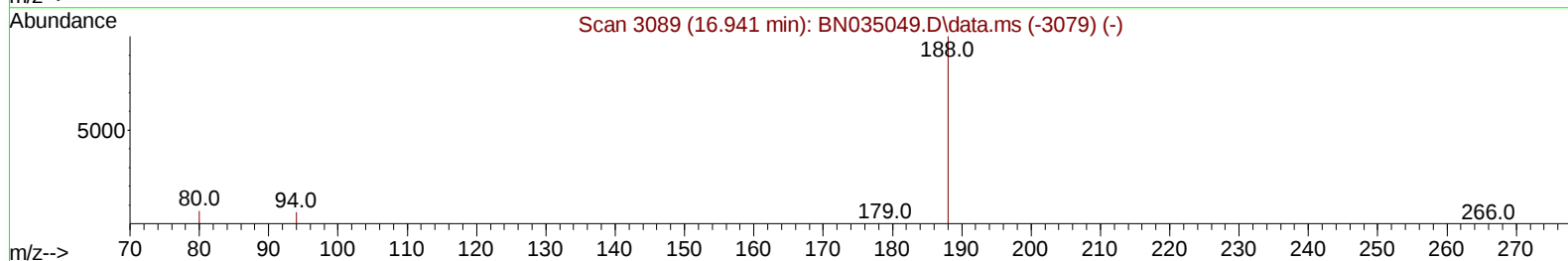
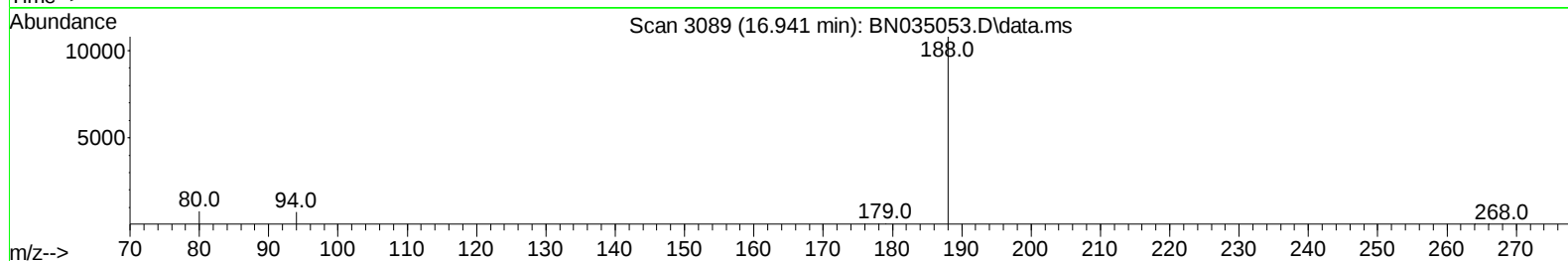
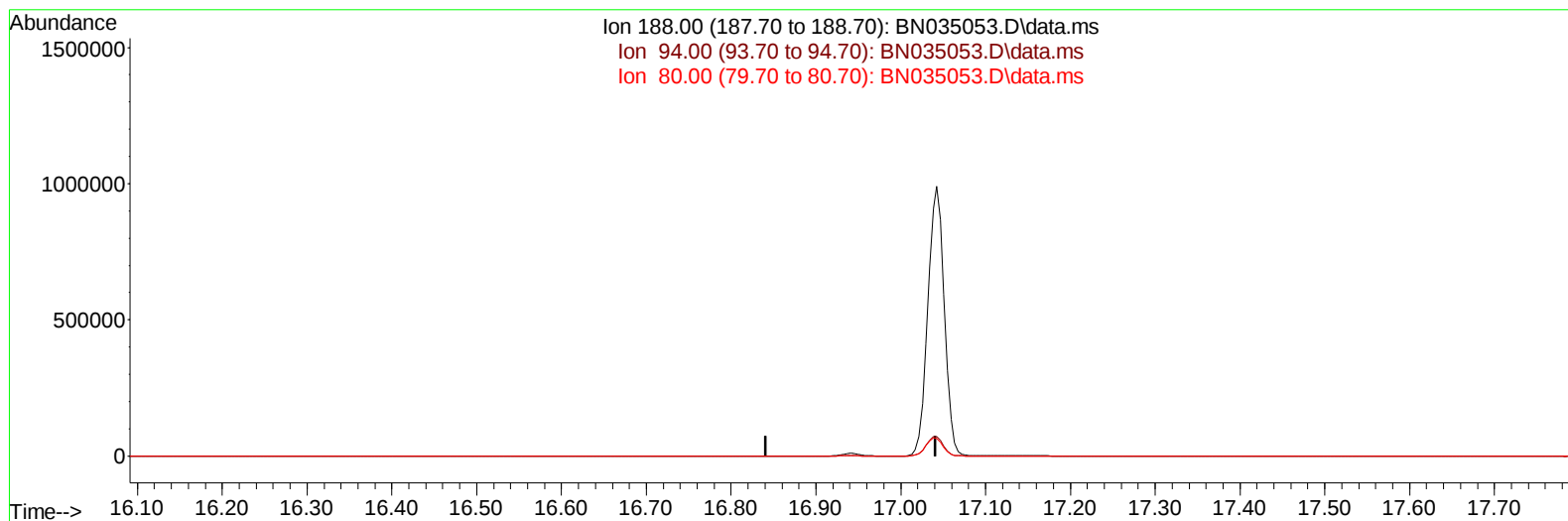
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111124\
Data File : BN035053.D
Acq On : 13 Nov 2024 01:59
Operator : RC/JU
Sample : P4714-04
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AF7

Manual IntegrationsAPPROVED

Quant Time: Nov 13 08:31:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 00:41:17 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 11/13/2024
Supervised By :mohammad ahmed 11/14/2024



TIC: BN035053.D\data.ms

(13) Phenanthrene-d10 (I)

16.941min (-16.941) 0.00 ng/u1

response 0

Ion	Exp%	Act%
188.00	100.00	0.00
94.00	6.10	0.00#
80.00	7.00	0.00#
0.00	0.00	0.00

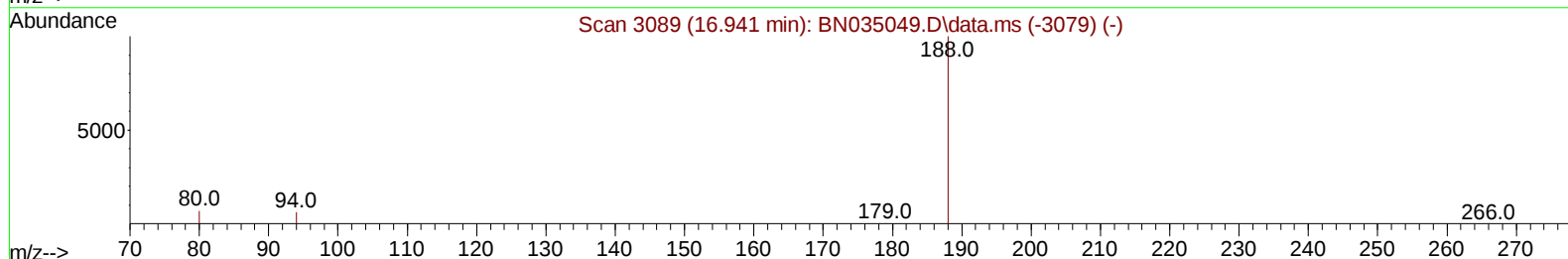
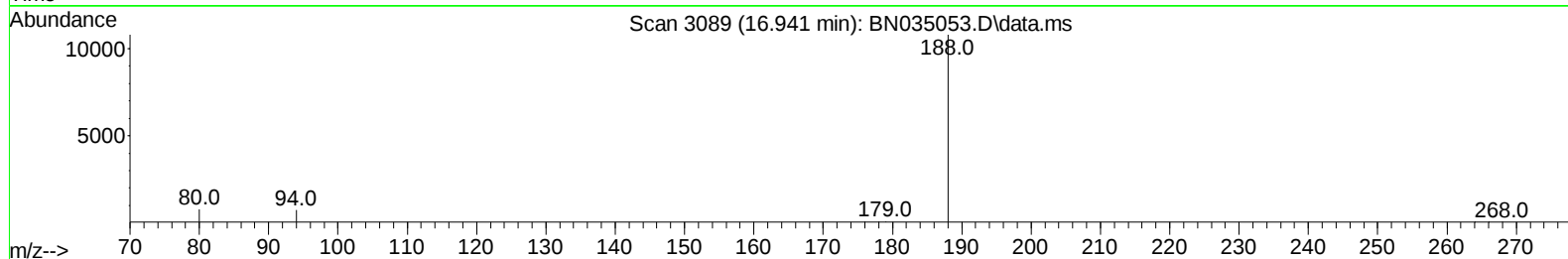
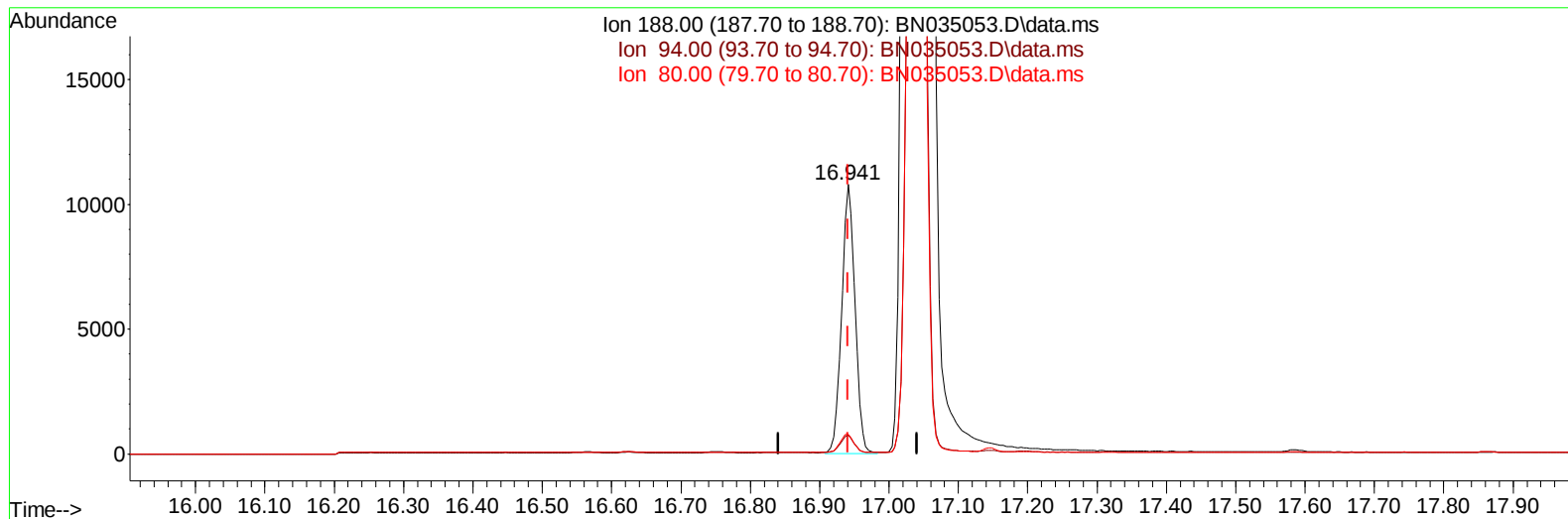
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111124\
Data File : BN035053.D
Acq On : 13 Nov 2024 01:59
Operator : RC/JU
Sample : P4714-04
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AF7

Manual IntegrationsAPPROVED

Quant Time: Nov 13 08:31:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 00:41:17 2024
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Reviewed By :Jagrut Upadhyay 11/13/2024
Supervised By :mohammad ahmed 11/14/2024



TIC: BN035053.D\data.ms

(13) Phenanthrene-d10 (I)

16.941min (-0.000) 0.40 ng/ul m

response 14386

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	6.10	7.02
80.00	7.00	7.22
0.00	0.00	0.00

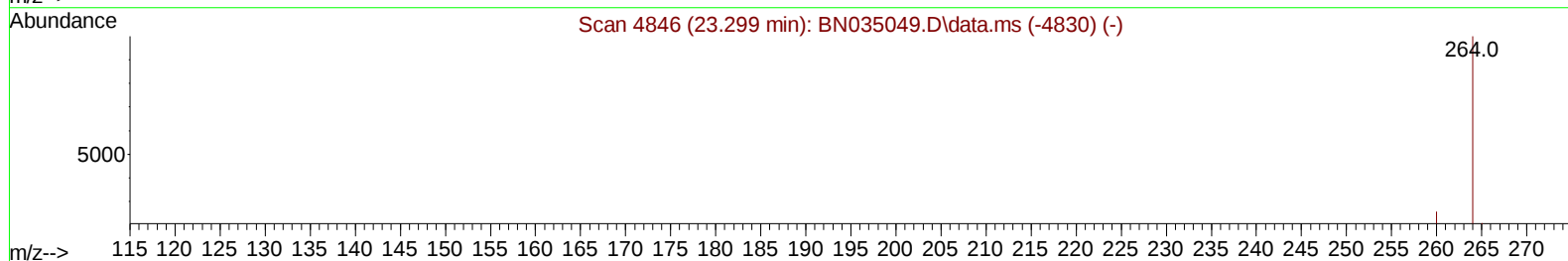
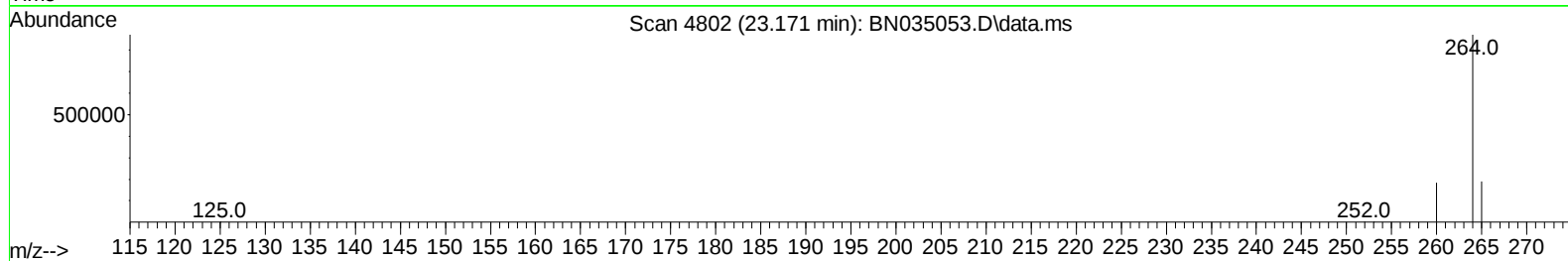
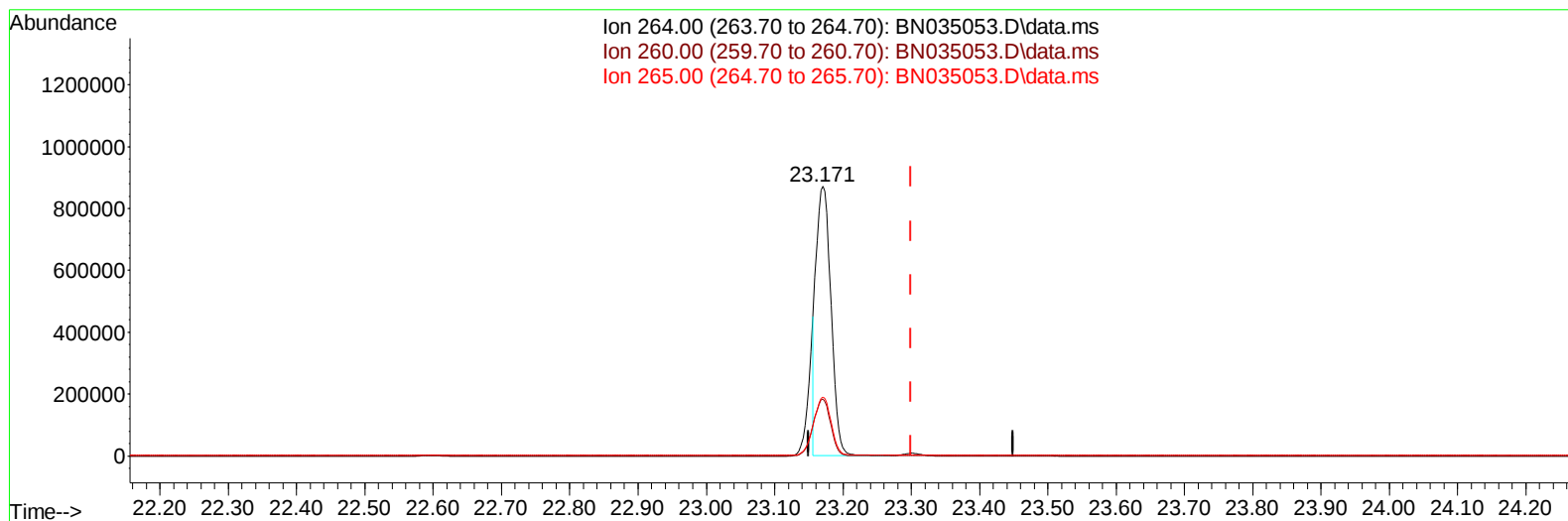
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111124\
 Data File : BN035053.D
 Acq On : 13 Nov 2024 01:59
 Operator : RC/JU
 Sample : P4714-04
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AF7

Manual IntegrationsAPPROVED

Quant Time: Nov 13 08:31:00 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 00:41:17 2024
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Reviewed By :Jagrut Upadhyay 11/13/2024
 Supervised By :mohammad ahmed 11/14/2024



TIC: BN035053.D\data.ms

(23) Perylene-d12 (I)

23.171min (-0.129) 0.40 ng/u1

response 1313086

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.40	21.13
265.00	52.80	21.78#
0.00	0.00	0.00

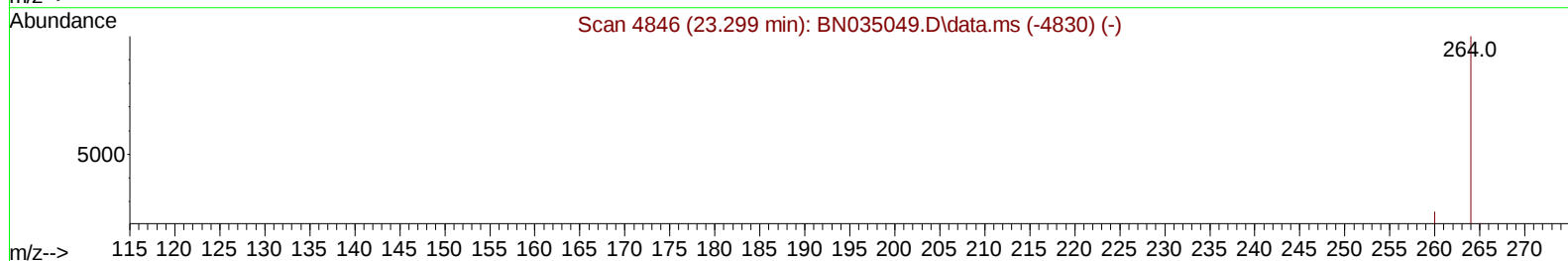
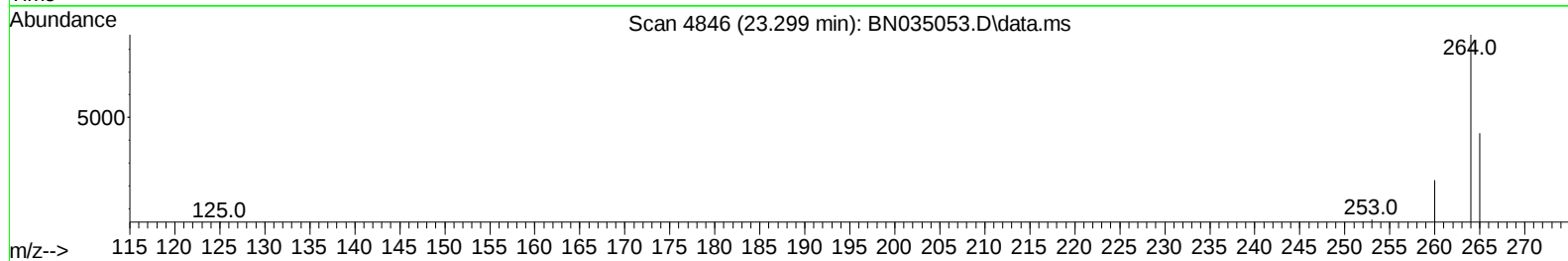
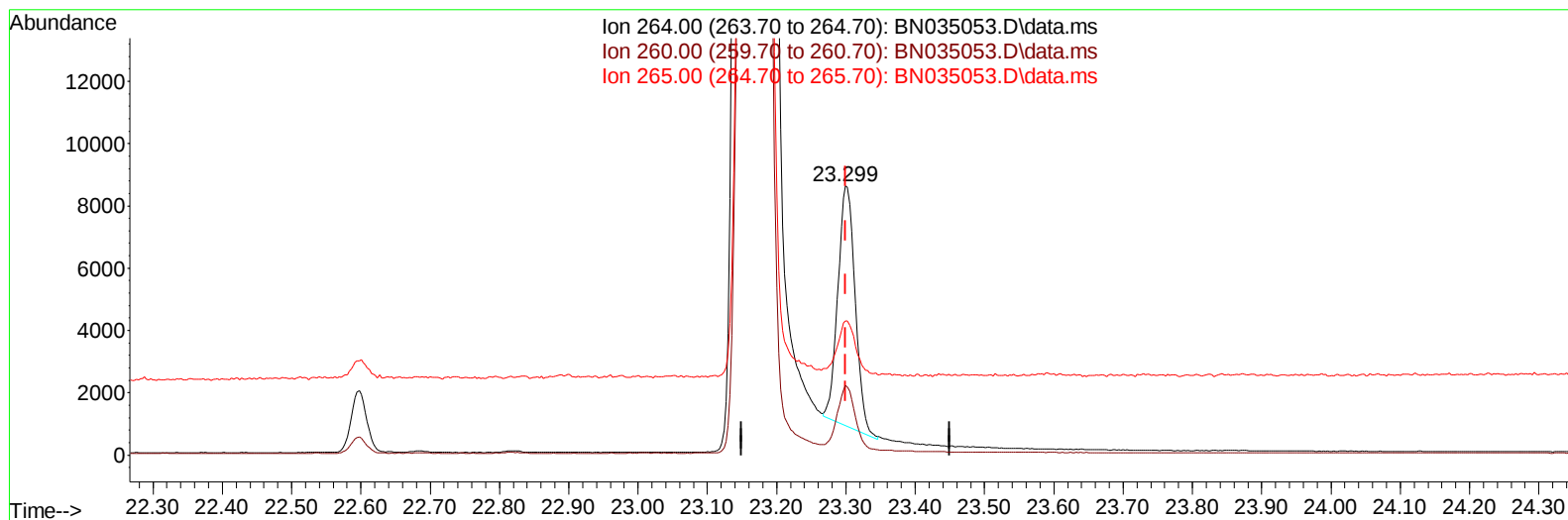
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111124\
Data File : BN035053.D
Acq On : 13 Nov 2024 01:59
Operator : RC/JU
Sample : P4714-04
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AF7

Manual IntegrationsAPPROVED

Quant Time: Nov 13 08:31:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 00:41:17 2024
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Reviewed By :Jagrut Upadhyay 11/13/2024
Supervised By :mohammad ahmed 11/14/2024



TIC: BN035053.D\data.ms

(23) Perylene-d12 (I)

23.299min (-0.000) 0.40 ng/ul m

response 13318

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.40	25.90
265.00	52.80	49.84
0.00	0.00	0.00

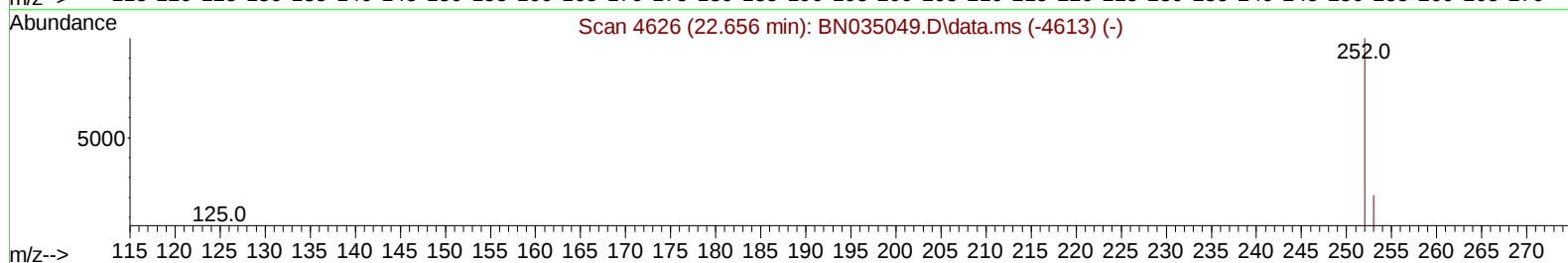
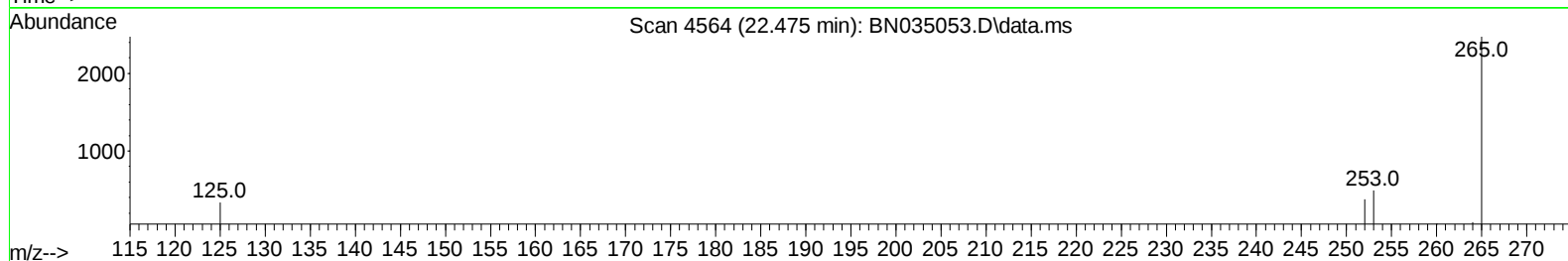
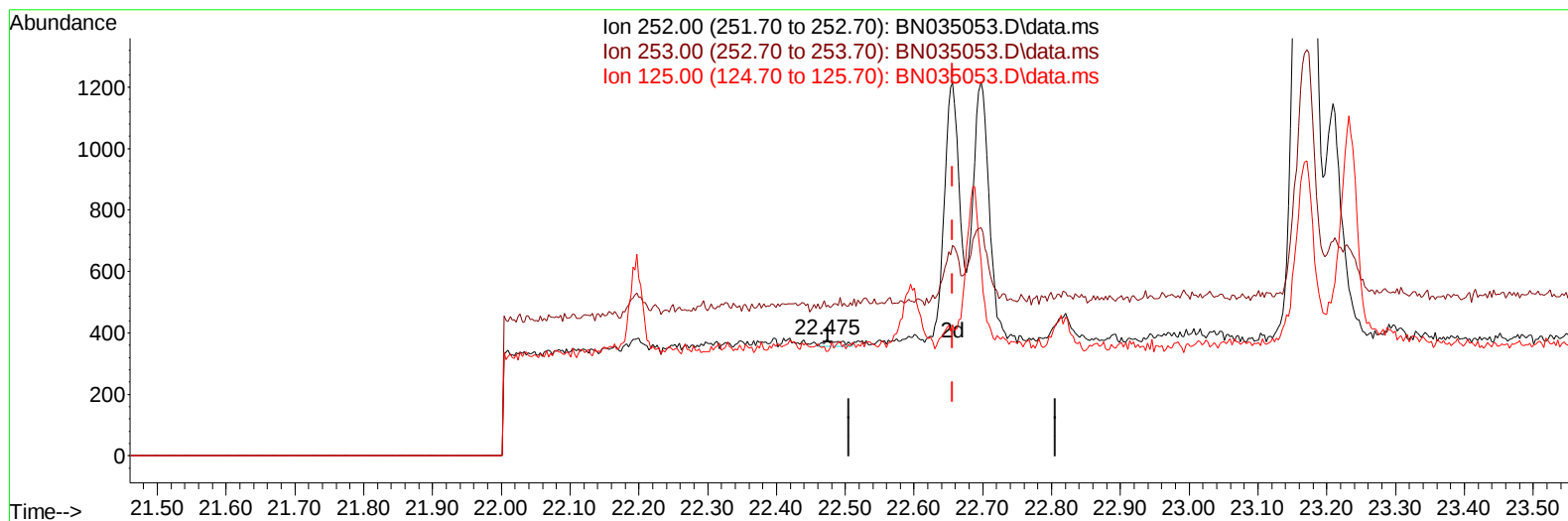
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111124\
Data File : BN035053.D
Acq On : 13 Nov 2024 01:59
Operator : RC/JU
Sample : P4714-04
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AF7

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/13/2024
Supervised By :mohammad ahmed 11/14/2024

Quant Time: Nov 13 08:31:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 00:41:17 2024
Response via : Initial Calibration



TIC: BN035053.D\data.ms

(24) Benzo(b)fluoranthene

22.475min (-0.181) 0.00 ng/u1

response 39

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.00	129.63#
125.00	7.00	89.95#
0.00	0.00	0.00

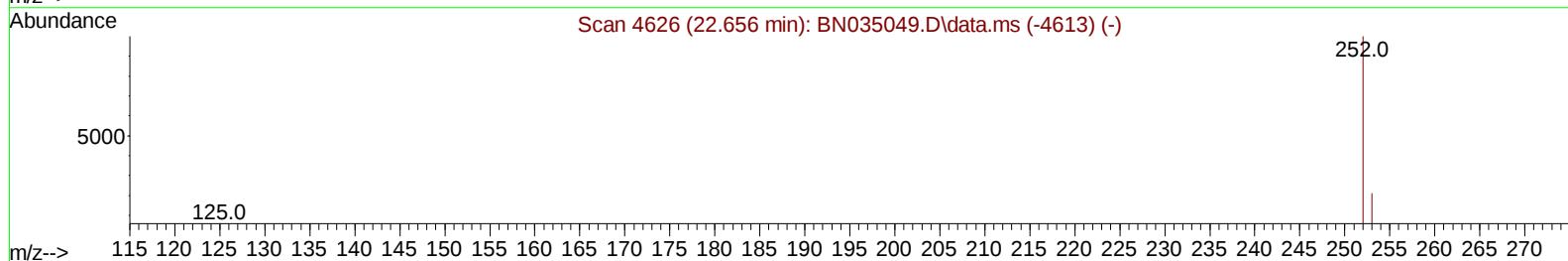
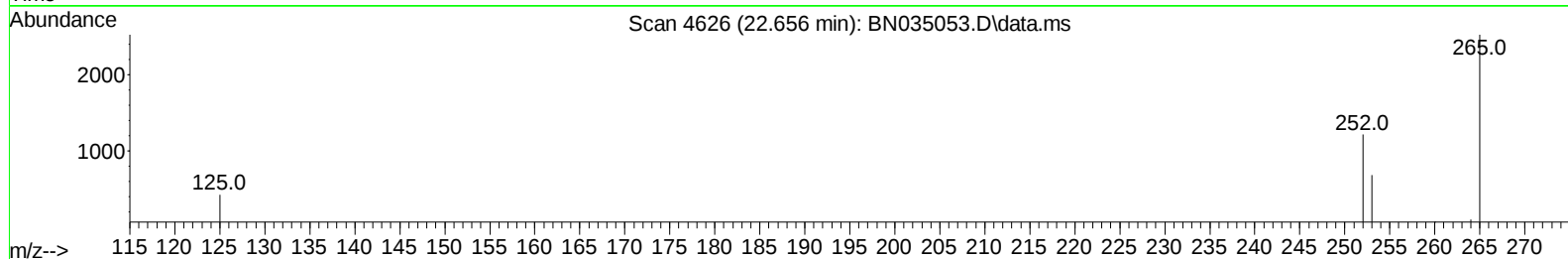
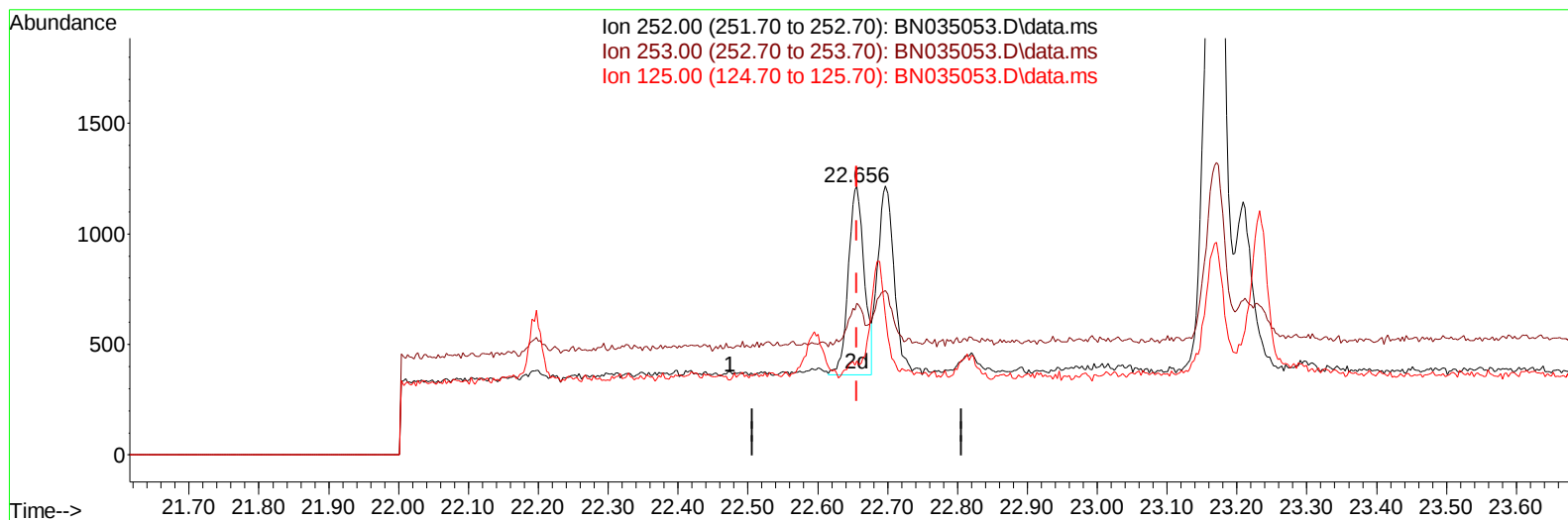
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Data File : BN035053.D
Acq On : 13 Nov 2024 01:59
Operator : RC/JU
Sample : P4714-04
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AF7

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/13/2024
Supervised By :mohammad ahmed 11/14/2024

Quant Time: Nov 13 08:31:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 00:41:17 2024
Response via : Initial Calibration



TIC: BN035053.D\data.ms

(24) Benzo(b)fluoranthene

22.656min (-0.000) 0.03 ng/u1 m

response 1349

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.00	56.51#
125.00	7.00	35.17#
0.00	0.00	0.00

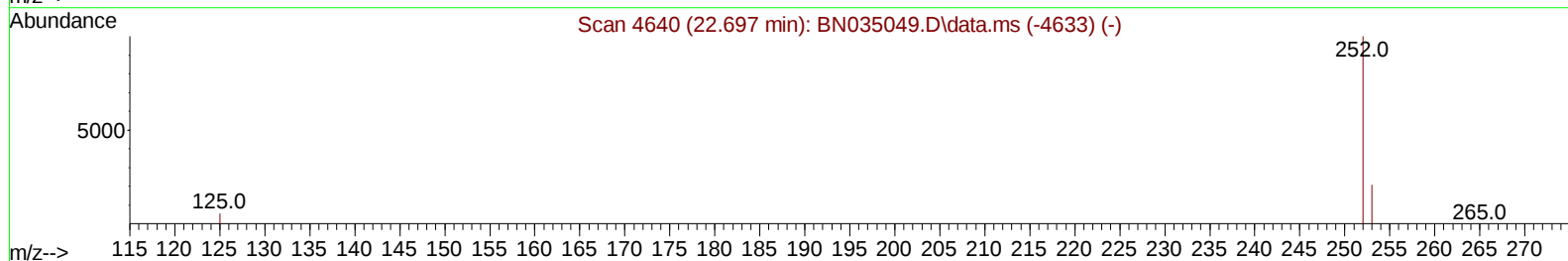
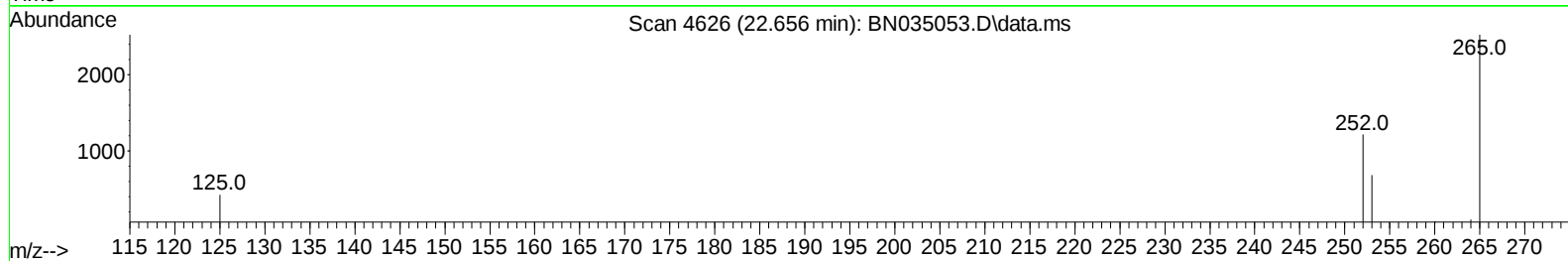
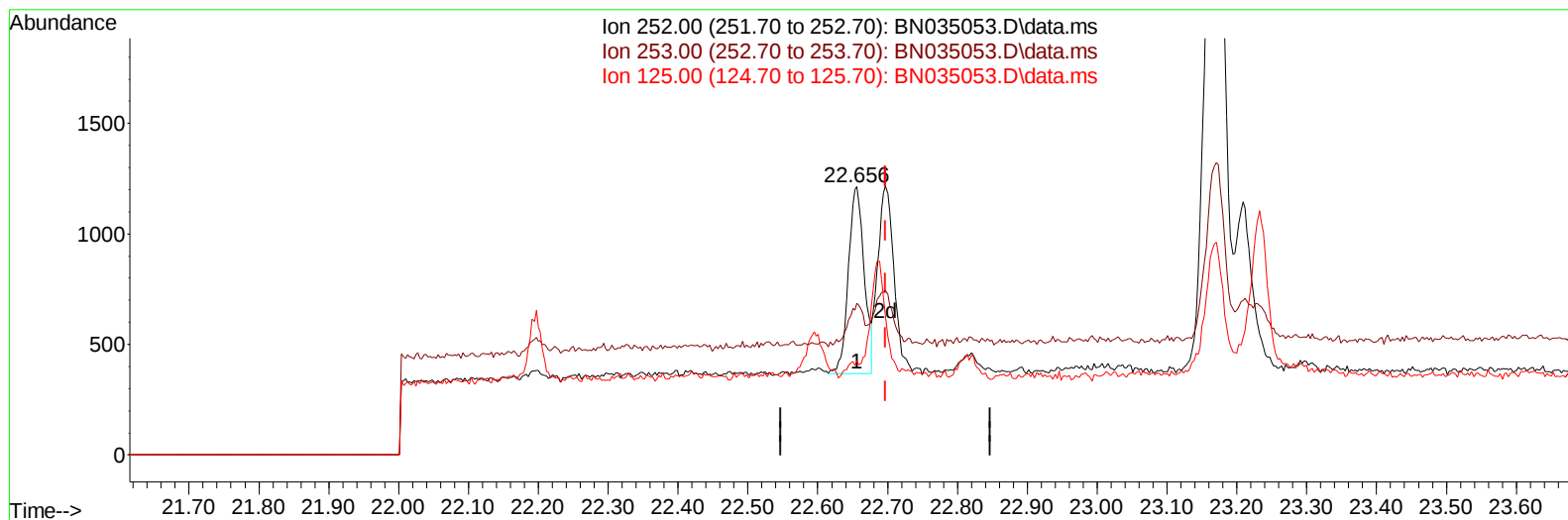
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Data File : BN035053.D
Acq On : 13 Nov 2024 01:59
Operator : RC/JU
Sample : P4714-04
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AF7

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/13/2024
Supervised By :mohammad ahmed 11/14/2024

Quant Time: Nov 13 08:31:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 00:41:17 2024
Response via : Initial Calibration



TIC: BN035053.D\data.ms

(25) Benzo(k)fluoranthene

22.656min (-0.041) 0.03 ng/u1

response 1331

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.30	56.51#
125.00	7.30	35.17#
0.00	0.00	0.00

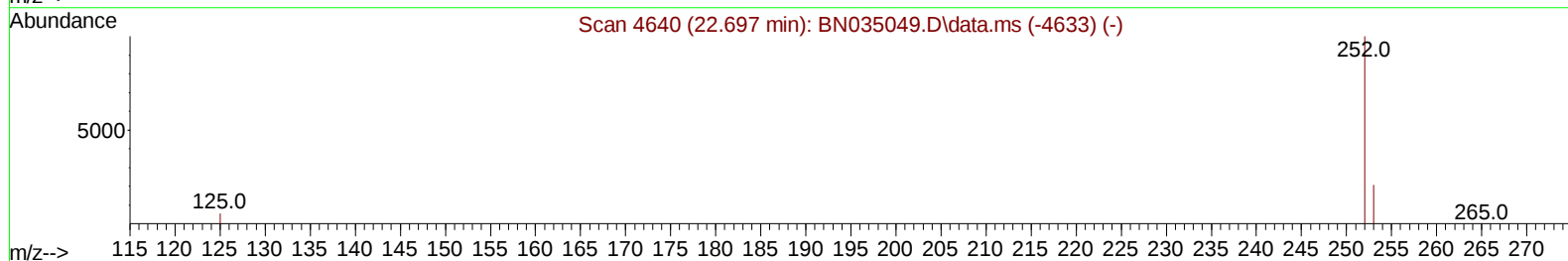
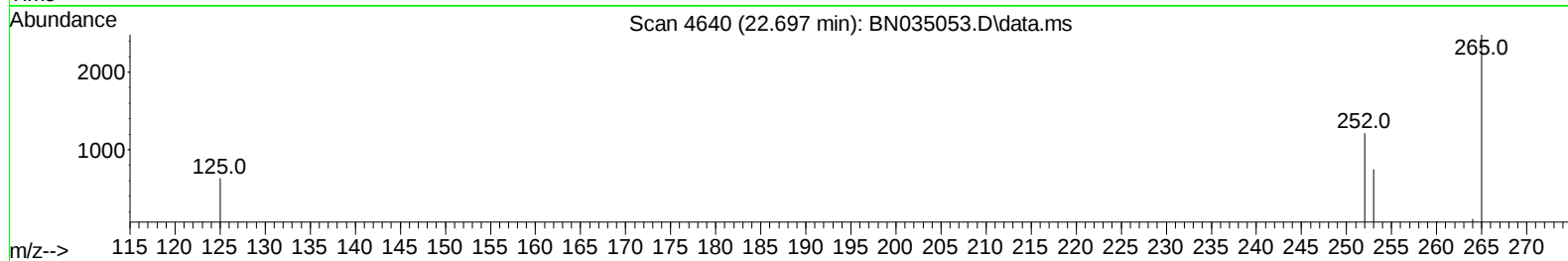
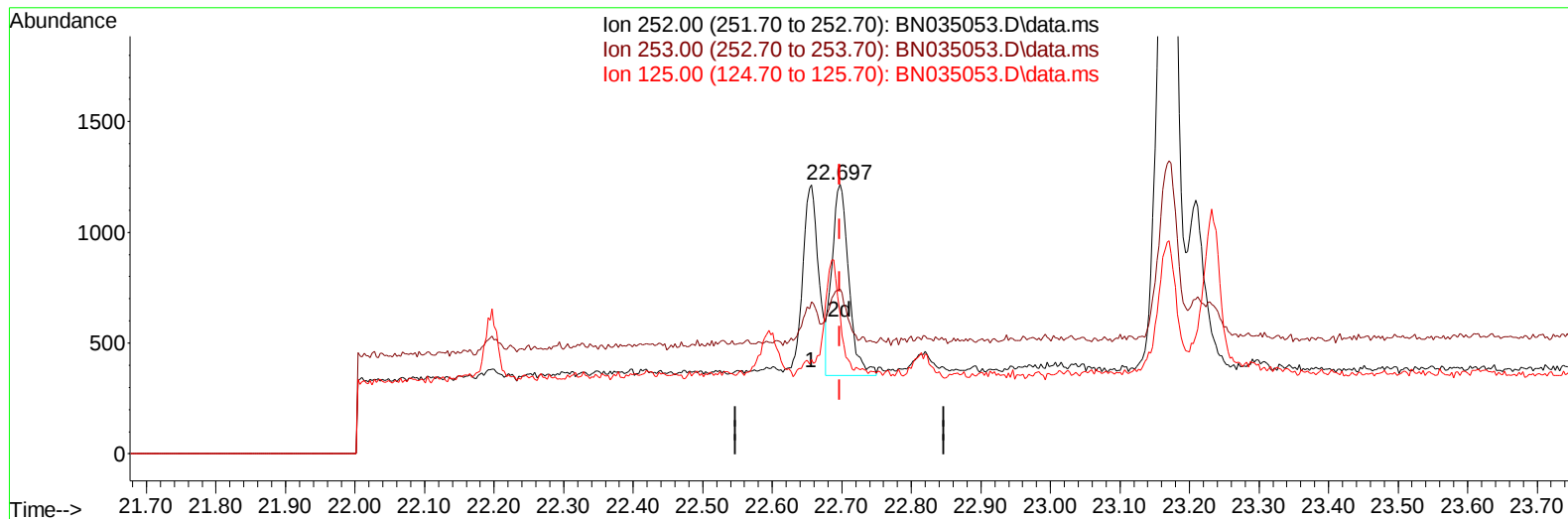
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Data File : BN035053.D
Acq On : 13 Nov 2024 01:59
Operator : RC/JU
Sample : P4714-04
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AF7

Manual IntegrationsAPPROVED

Quant Time: Nov 13 08:31:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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TIC: BN035053.D\data.ms

(25) Benzo(k)fluoranthene

22.697min (-0.000) 0.03 ng/u1 m

response 1447

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.30	61.18#
125.00	7.30	52.06#
0.00	0.00	0.00

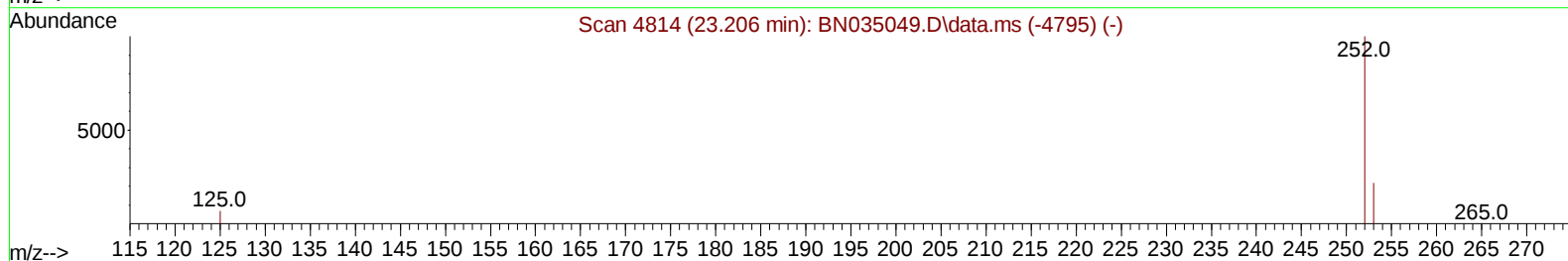
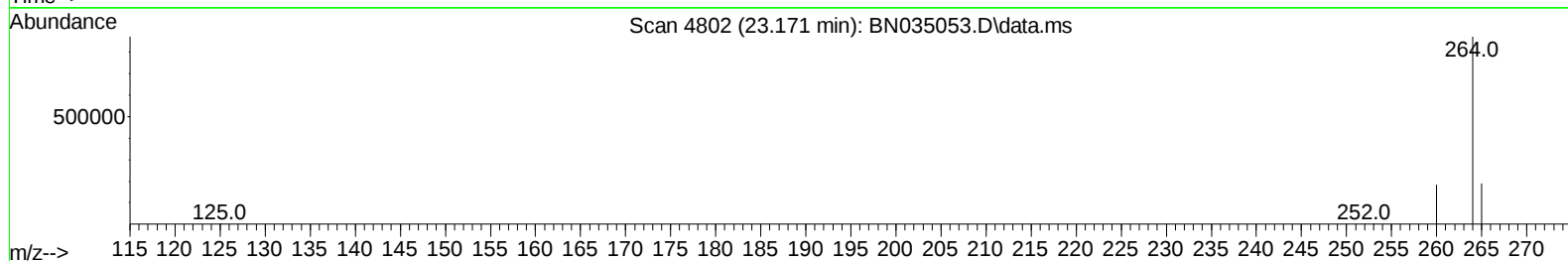
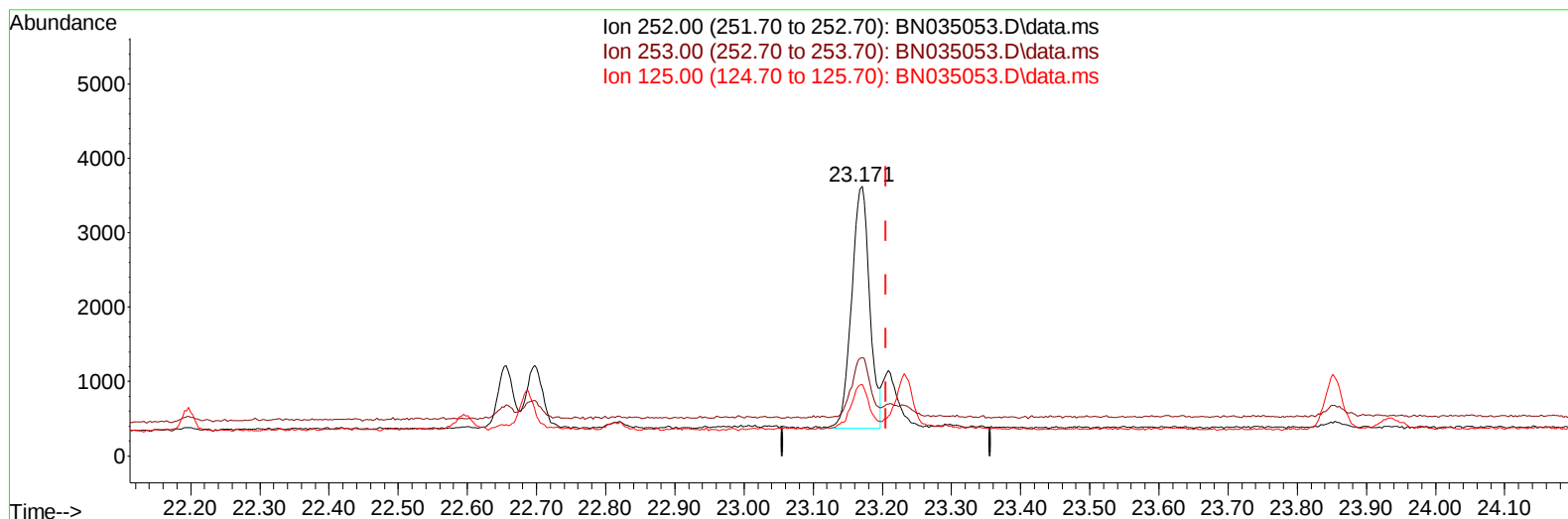
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111124\
Data File : BN035053.D
Acq On : 13 Nov 2024 01:59
Operator : RC/JU
Sample : P4714-04
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AF7

Manual IntegrationsAPPROVED

Quant Time: Nov 13 08:31:00 2024
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TIC: BN035053.D\data.ms

(26) Benzo(a)pyrene (C)

23.171min (-0.035) 0.14 ng/u1

response 5928

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	36.51#
125.00	7.90	26.54#
0.00	0.00	0.00

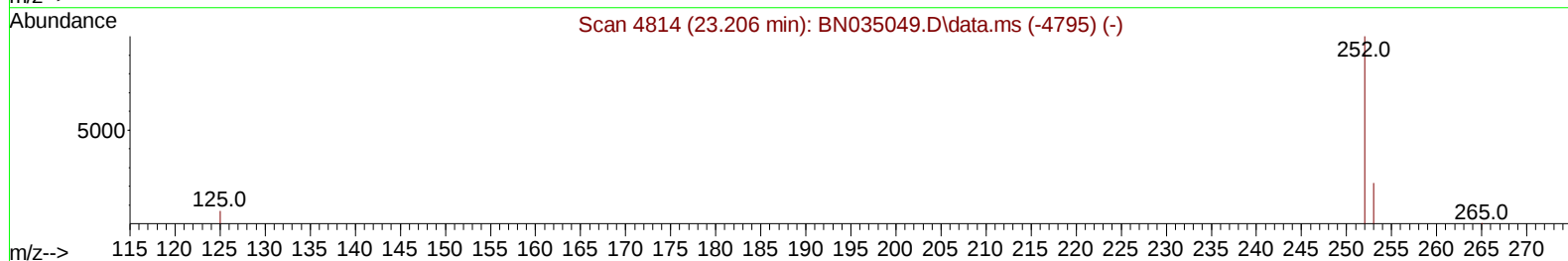
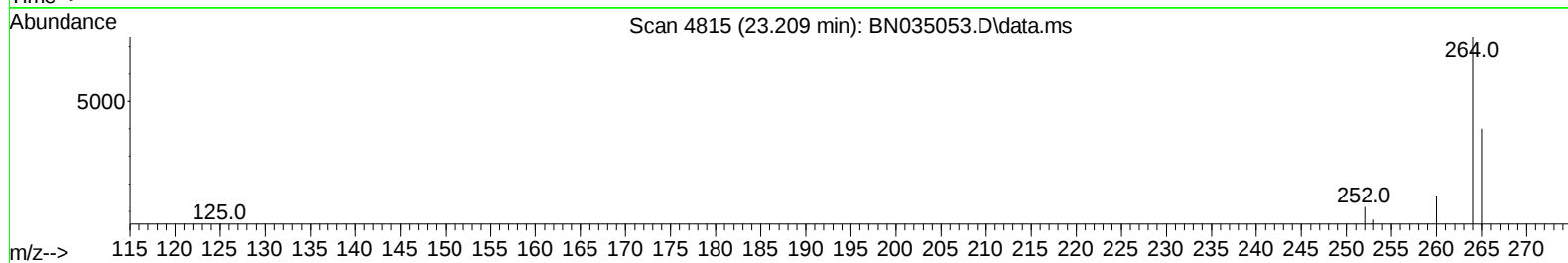
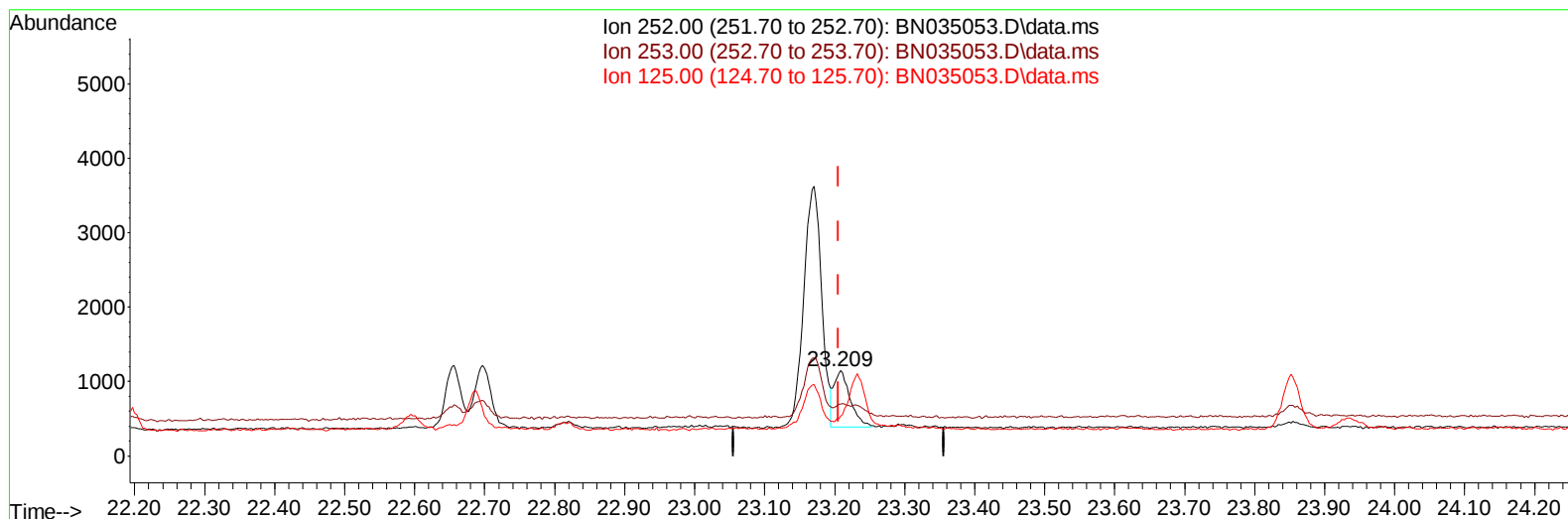
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111124\
Data File : BN035053.D
Acq On : 13 Nov 2024 01:59
Operator : RC/JU
Sample : P4714-04
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AF7

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/13/2024
Supervised By :mohammad ahmed 11/14/2024

Quant Time: Nov 13 08:31:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 00:41:17 2024
Response via : Initial Calibration



TIC: BN035053.D\data.ms

(26) Benzo(a)pyrene (C)

23.209min (+ 0.003) 0.03 ng/u1 m

response 1226

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	60.91#
125.00	7.90	46.42#
0.00	0.00	0.00

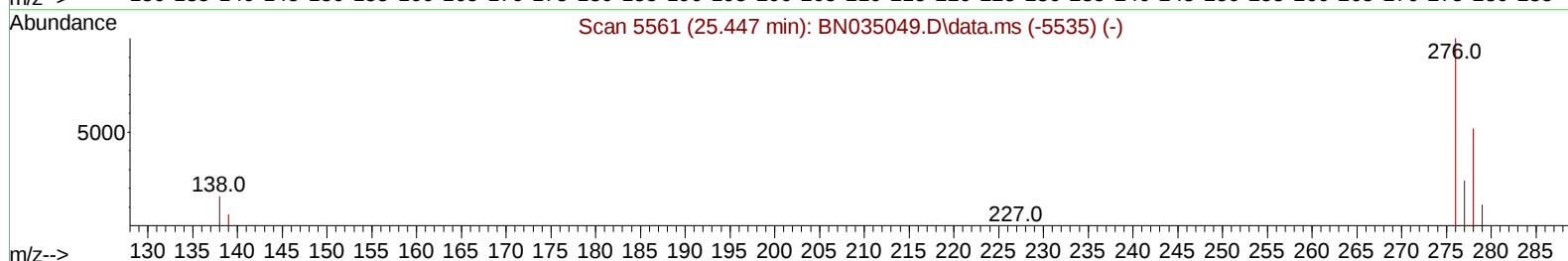
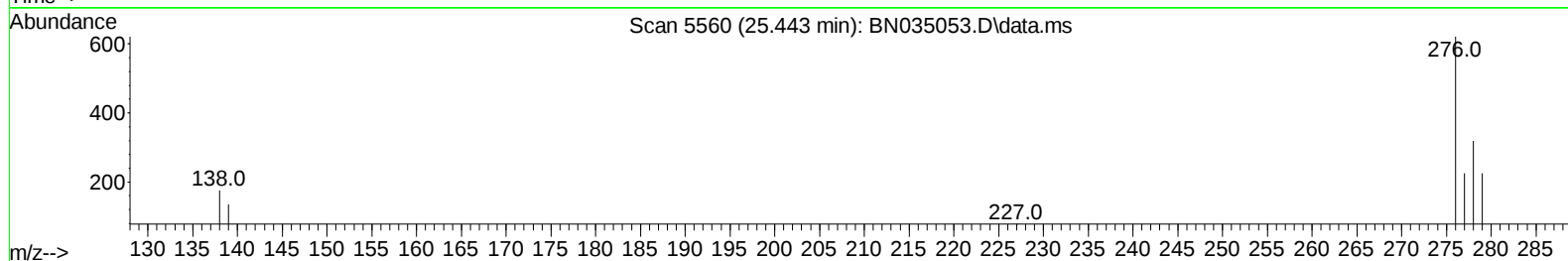
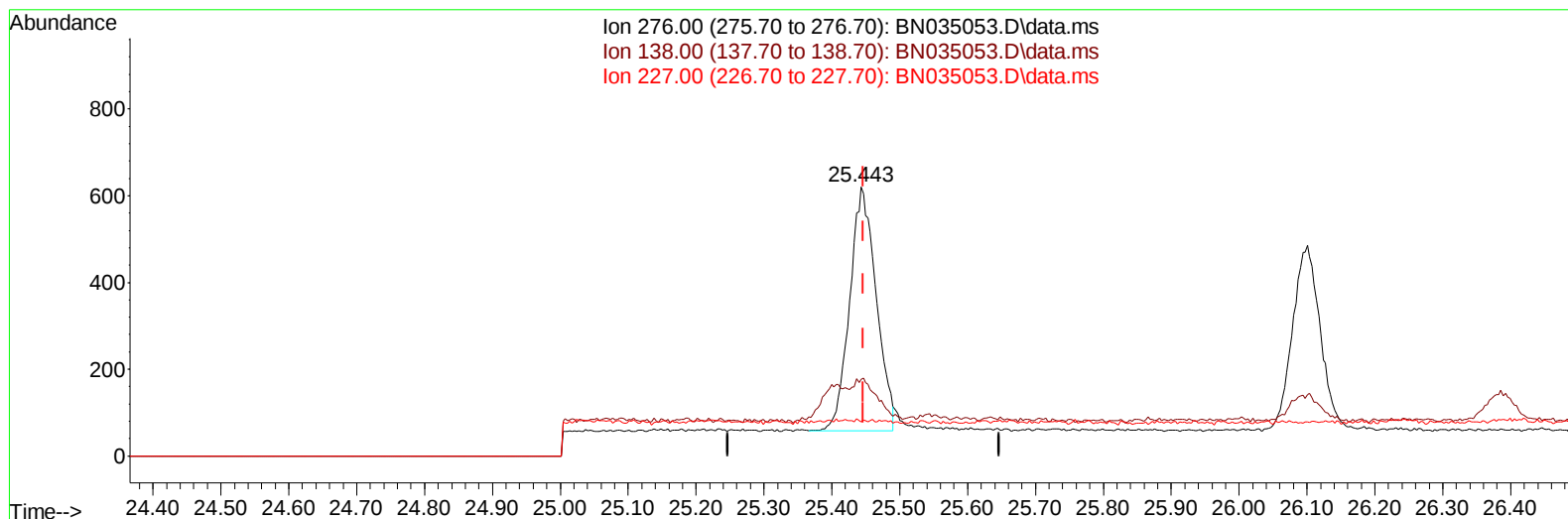
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111124\
 Data File : BN035053.D
 Acq On : 13 Nov 2024 01:59
 Operator : RC/JU
 Sample : P4714-04
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AF7

Manual IntegrationsAPPROVED

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TIC: BN035053.D\data.ms

(27) Indeno(1,2,3-cd)pyrene

25.443min (-0.003) 0.03 ng/u1

response 1527

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	13.50	0.00#
227.00	0.30	0.26
0.00	0.00	0.00

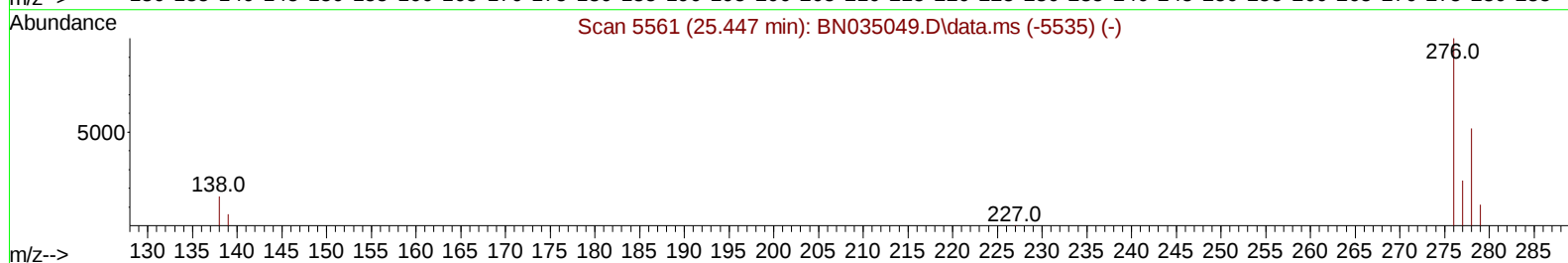
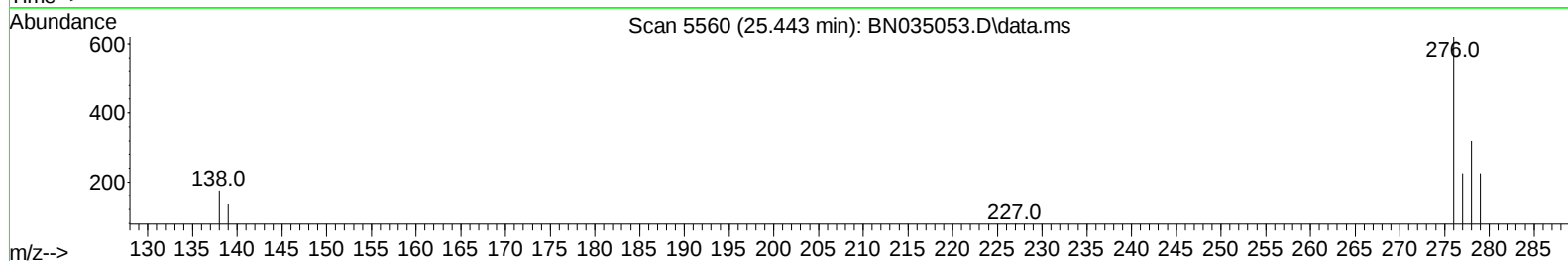
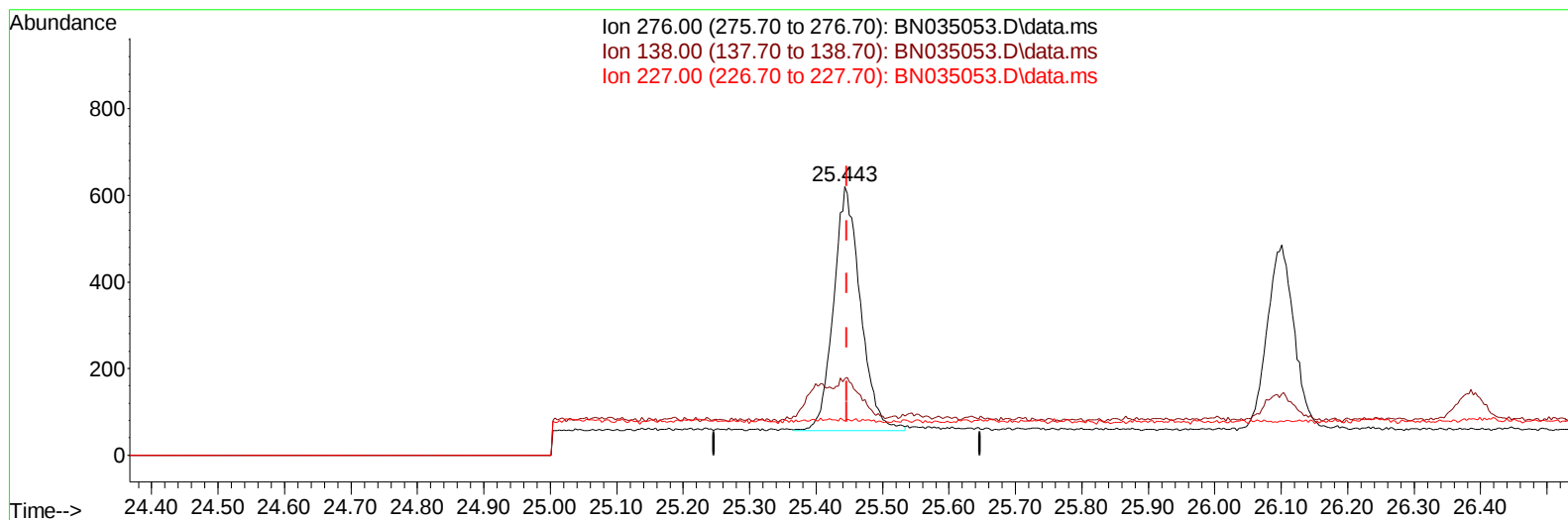
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111124\
Data File : BN035053.D
Acq On : 13 Nov 2024 01:59
Operator : RC/JU
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Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual IntegrationsAPPROVED

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Reviewed By :Jagrut Upadhyay 11/13/2024
Supervised By :mohammad ahmed 11/14/2024



TIC: BN035053.D\data.ms

(27) Indeno(1,2,3-cd)pyrene

25.443min (-0.003) 0.03 ng/ul m

response 1586

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	13.50	0.00#
227.00	0.30	0.25
0.00	0.00	0.00

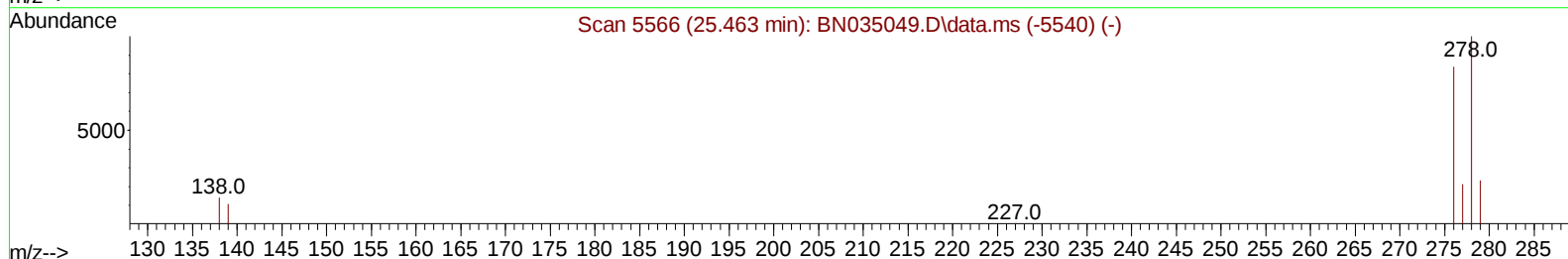
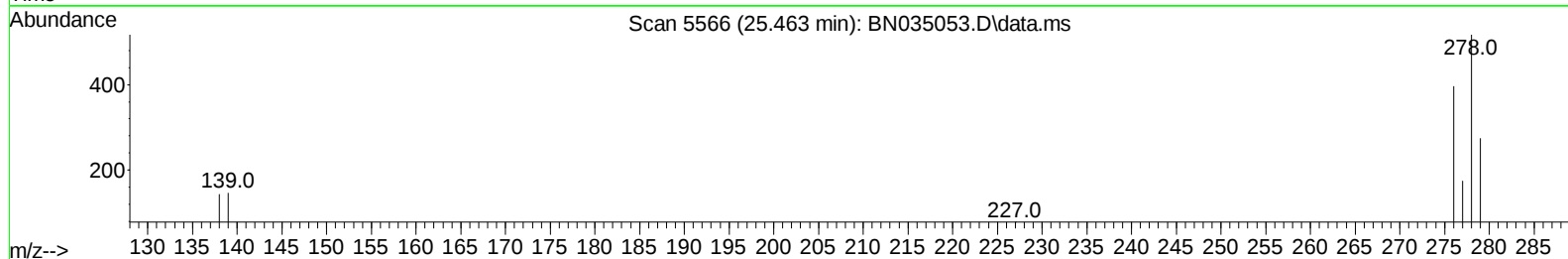
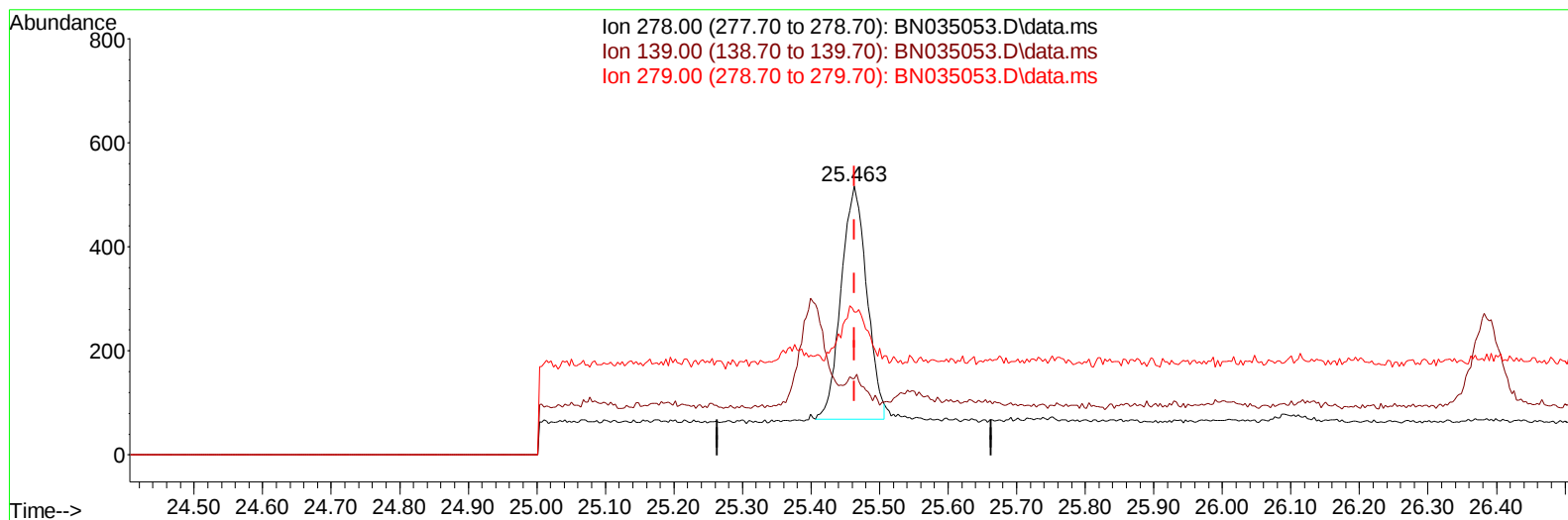
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111124\
Data File : BN035053.D
Acq On : 13 Nov 2024 01:59
Operator : RC/JU
Sample : P4714-04
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AF7

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/13/2024
Supervised By :mohammad ahmed 11/14/2024

Quant Time: Nov 13 08:31:00 2024
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TIC: BN035053.D\data.ms

(28) Dibenzo(a,h)anthracene

25.463min (-0.000) 0.03 ng/u1

response 1169

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	10.50	28.43#
279.00	26.90	53.19#
0.00	0.00	0.00

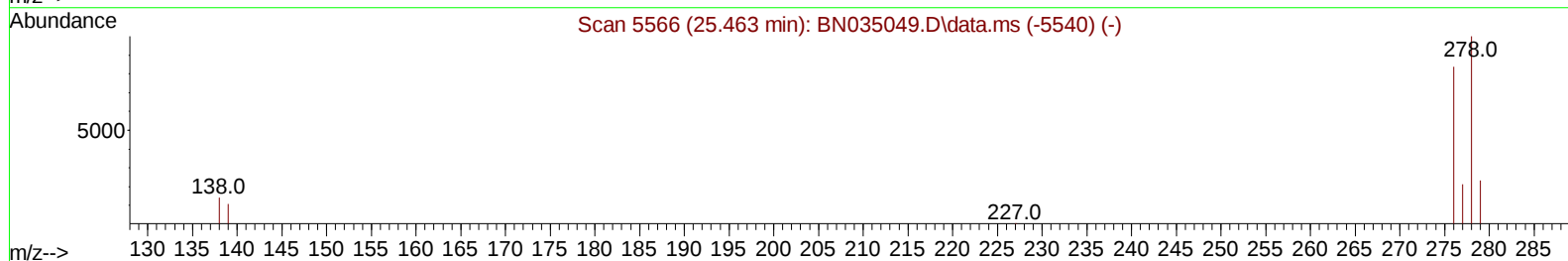
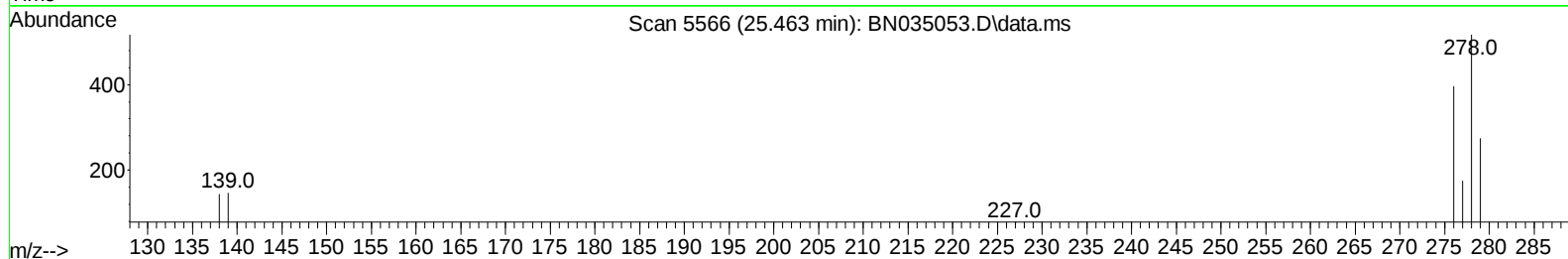
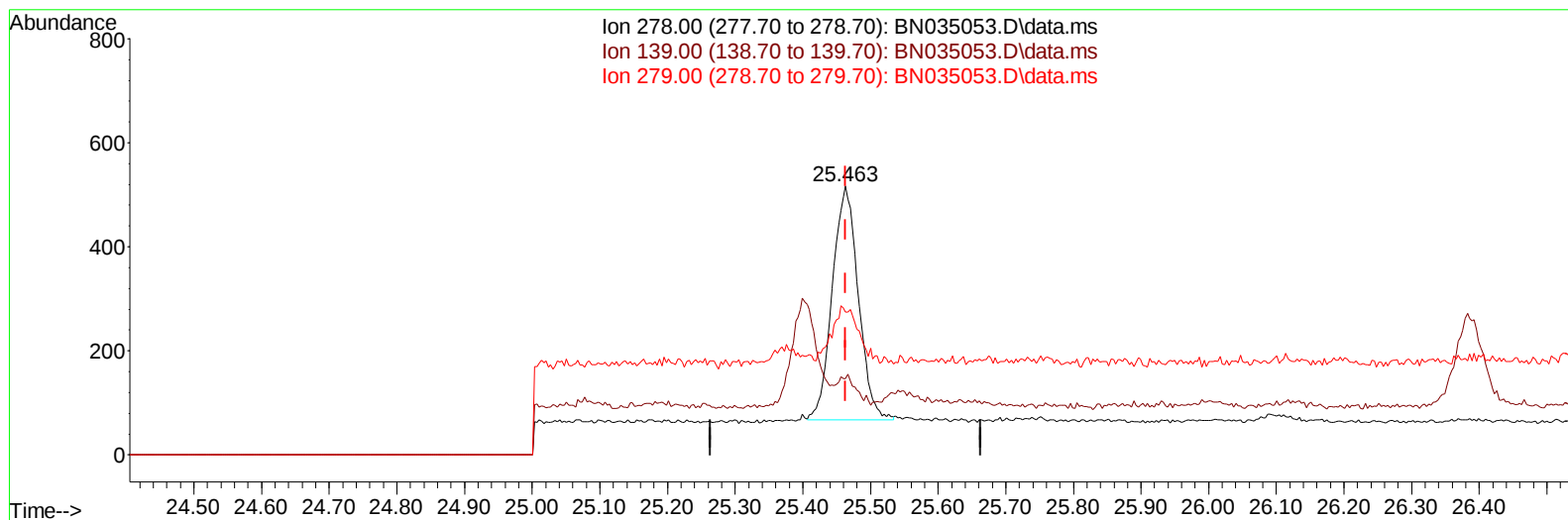
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111124\
Data File : BN035053.D
Acq On : 13 Nov 2024 01:59
Operator : RC/JU
Sample : P4714-04
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AF7

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/13/2024
Supervised By :mohammad ahmed 11/14/2024

Quant Time: Nov 13 08:31:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 00:41:17 2024
Response via : Initial Calibration



TIC: BN035053.D\data.ms

(28) Dibenzo(a,h)anthracene

25.463min (-0.000) 0.03 ng/ul m

response 1192

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	10.50	28.43#
279.00	26.90	53.19#
0.00	0.00	0.00

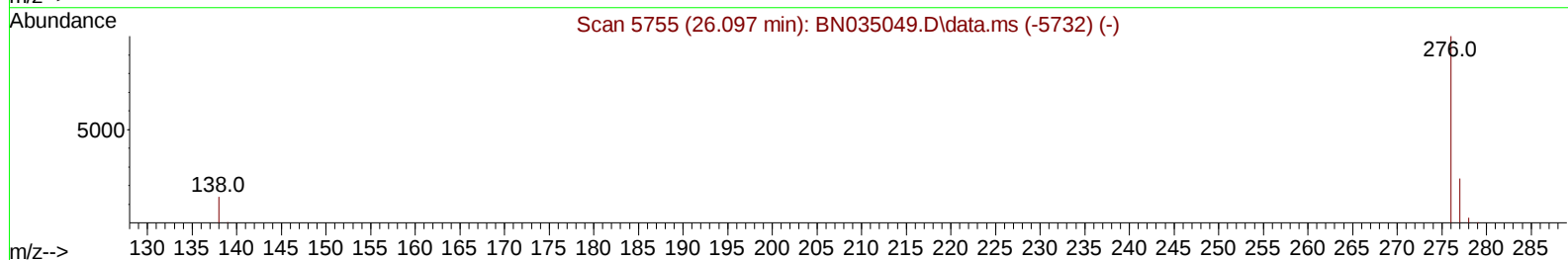
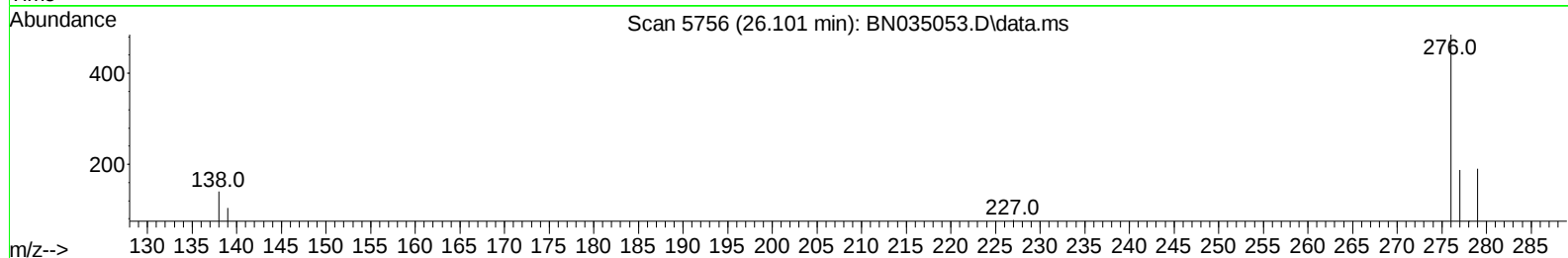
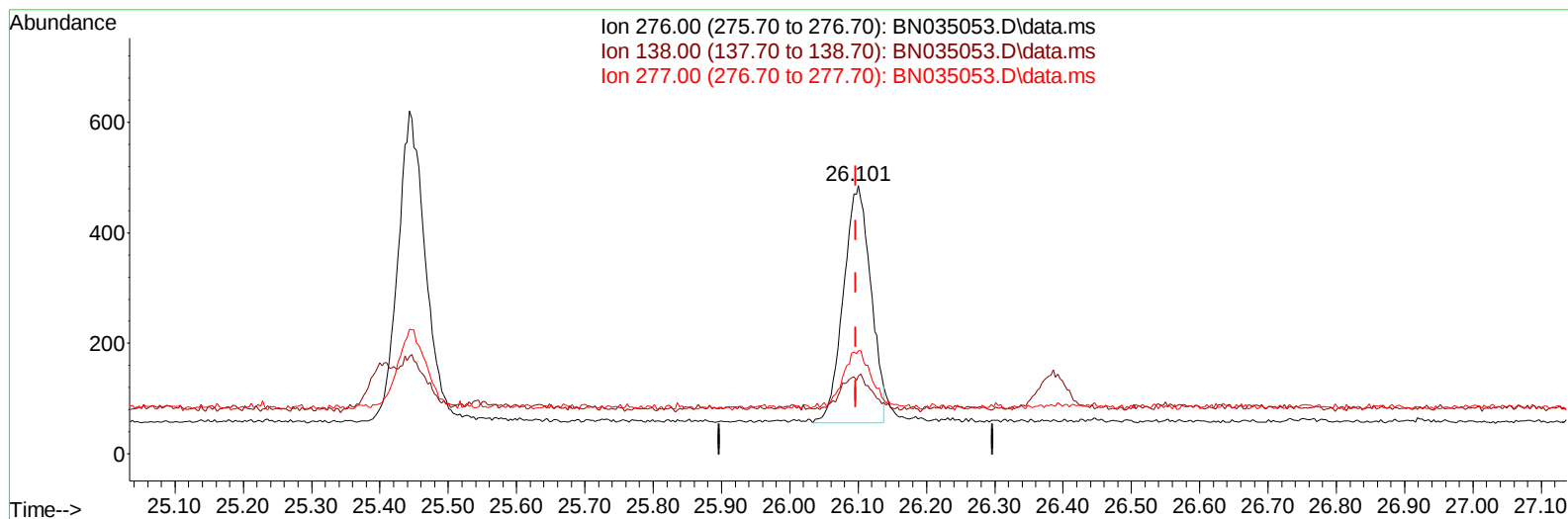
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111124\
Data File : BN035053.D
Acq On : 13 Nov 2024 01:59
Operator : RC/JU
Sample : P4714-04
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AF7

Manual IntegrationsAPPROVED

Quant Time: Nov 13 08:31:00 2024
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TIC: BN035053.D\data.ms

(29) Benzo(g,h,i)perylene

26.101min (+ 0.003) 0.03 ng/u1

response 1193

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	12.90	29.07#
277.00	25.20	38.56#
0.00	0.00	0.00

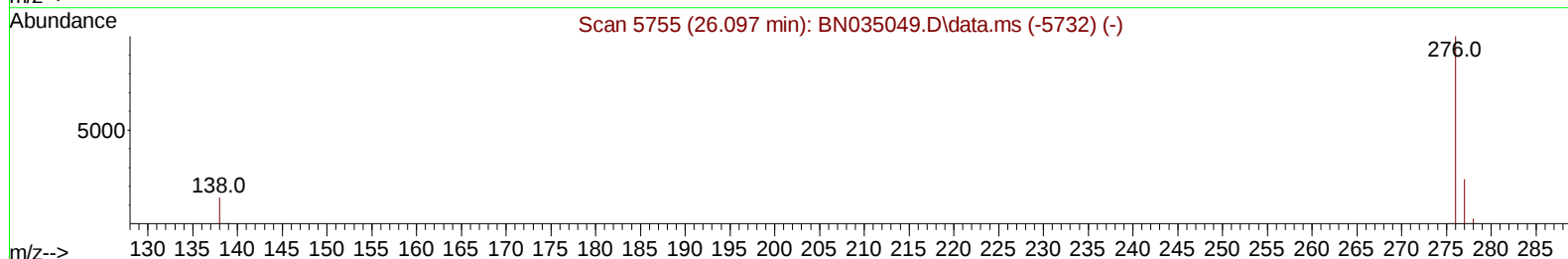
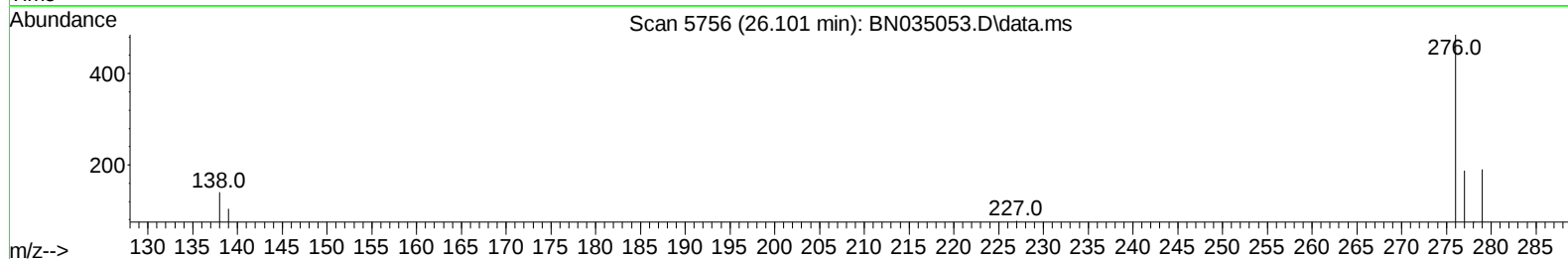
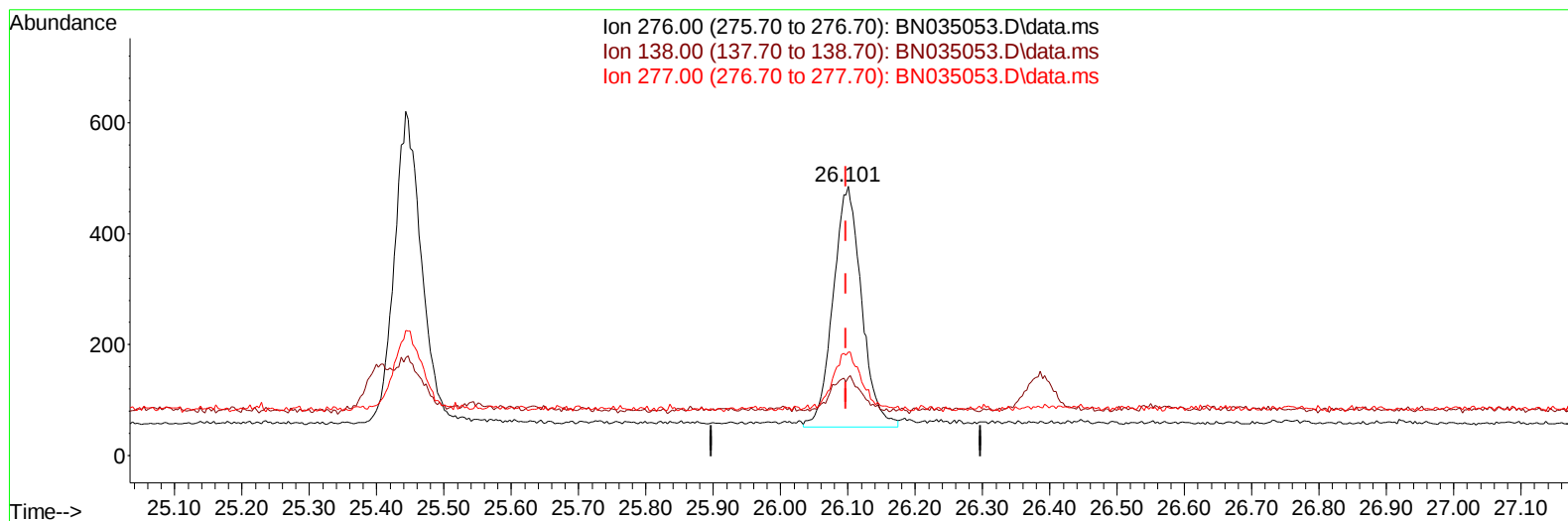
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111124\
Data File : BN035053.D
Acq On : 13 Nov 2024 01:59
Operator : RC/JU
Sample : P4714-04
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AF7

Manual IntegrationsAPPROVED

Quant Time: Nov 13 08:31:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110924.M
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QLast Update : Wed Nov 13 00:41:17 2024
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Reviewed By :Jagrut Upadhyay 11/13/2024
Supervised By :mohammad ahmed 11/14/2024



TIC: BN035053.D\data.ms

(29) Benzo(g,h,i)perylene

26.101min (+ 0.003) 0.03 ng/ul m

response 1271

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	12.90	29.07#
277.00	25.20	38.56#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111124\
 Data File : BN035053.D
 Acq On : 13 Nov 2024 01:59
 Operator : RC/JU
 Sample : P4714-04
 Misc :
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AF7

Manual IntegrationsAPPROVED

Quant Time: Nov 13 08:31:00 2024
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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.558	152		3476	0.400	ng/ul	0.00
4) Naphthalene-d8	10.322	136		8821	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.194	164		6204	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.941	188		14386m	0.400	ng/ul	0.00
17) Chrysene-d12	21.137	240		13269	0.400	ng/ul	0.00
23) Perylene-d12	23.299	264		13318m	0.400	ng/ul	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.149	96		15208	4.598	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.917	152		4964	0.367	ng/ul	0.00
18) Fluoranthene-d10	18.972	212		19185	0.563	ng/ul	0.00
Target Compounds							
						Qvalue	
14) Pentachlorophenol	16.599	266		106	0.032	ng/ul	92
15) Phenanthrene	16.983	178		892	0.023	ng/ul#	84
16) Anthracene	17.076	178		825	0.023	ng/ul#	78
19) Fluoranthene	19.005	202		1277	0.029	ng/ul#	82
21) Benzo(a)anthracene	21.122	228		1219	0.025	ng/ul#	91
22) Chrysene	21.172	228		1184	0.024	ng/ul#	92
24) Benzo(b)fluoranthene	22.656	252		1349m	0.029	ng/ul	
25) Benzo(k)fluoranthene	22.697	252		1447m	0.030	ng/ul	
26) Benzo(a)pyrene	23.209	252		1226m	0.029	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.443	276		1586m	0.031	ng/ul	
28) Dibenzo(a,h)anthracene	25.463	278		1192m	0.030	ng/ul	
29) Benzo(g,h,i)perylene	26.101	276		1271m	0.033	ng/ul	

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

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