

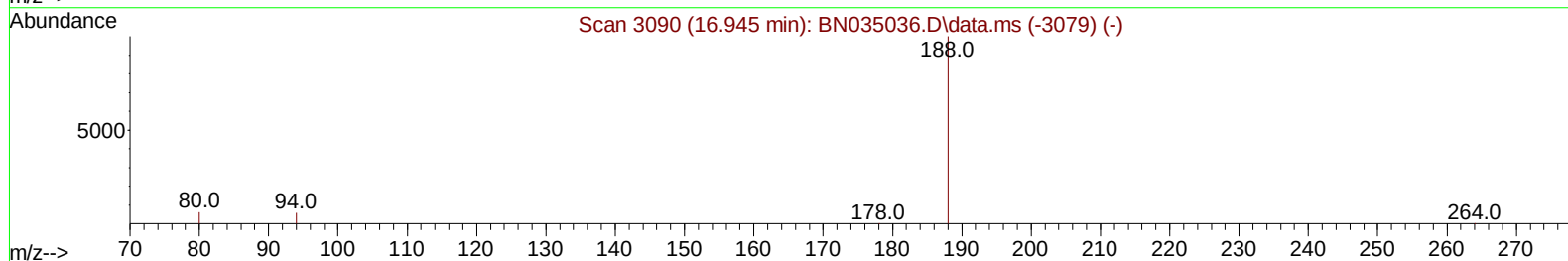
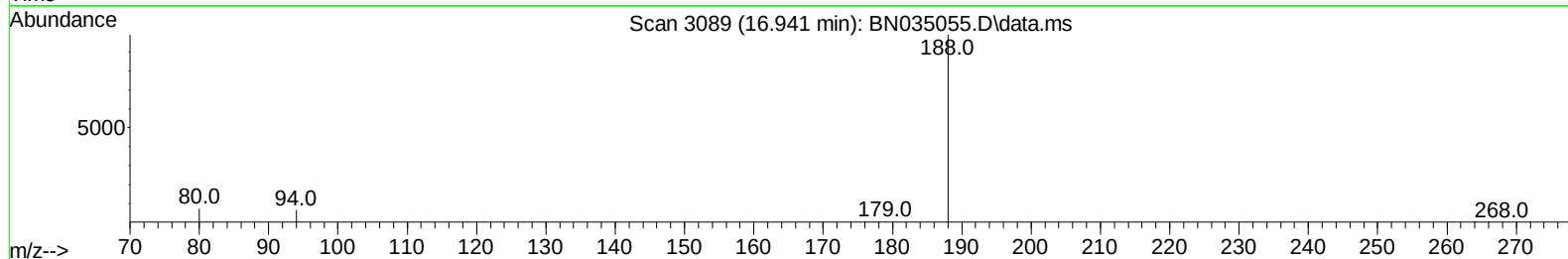
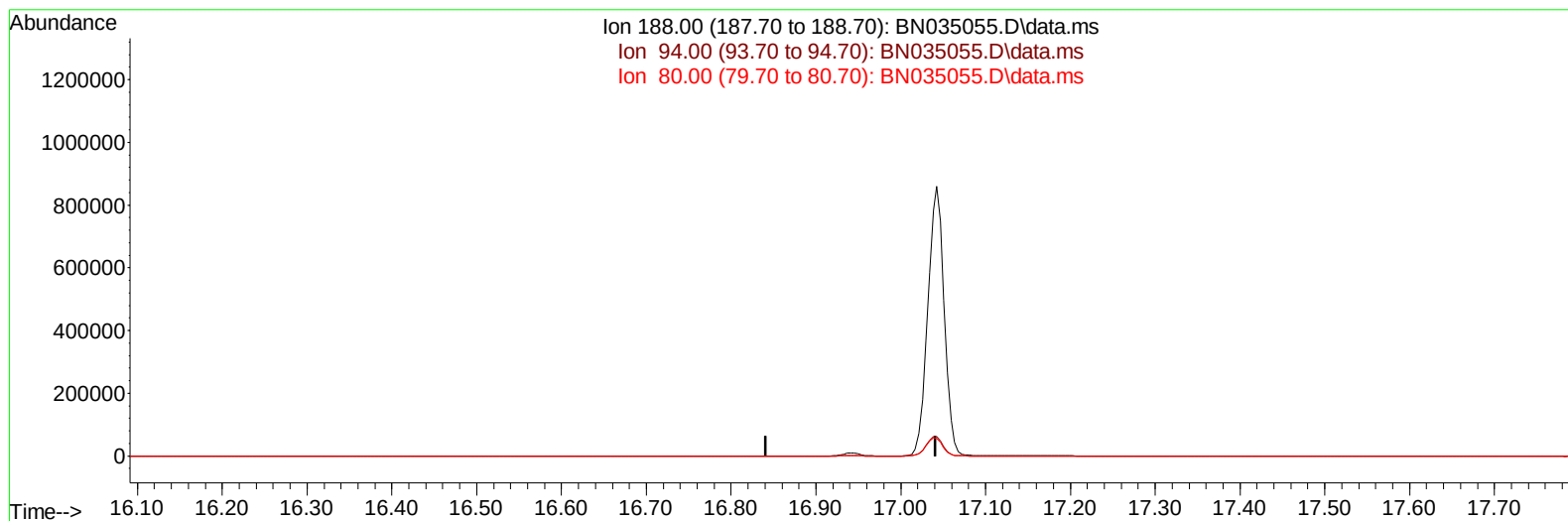
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111124\
Data File : BN035055.D
Acq On : 13 Nov 2024 03:10
Operator : RC/JU
Sample : P4714-06
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AG2

Manual IntegrationsAPPROVED

Quant Time: Nov 13 03:32:46 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: BN035055.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

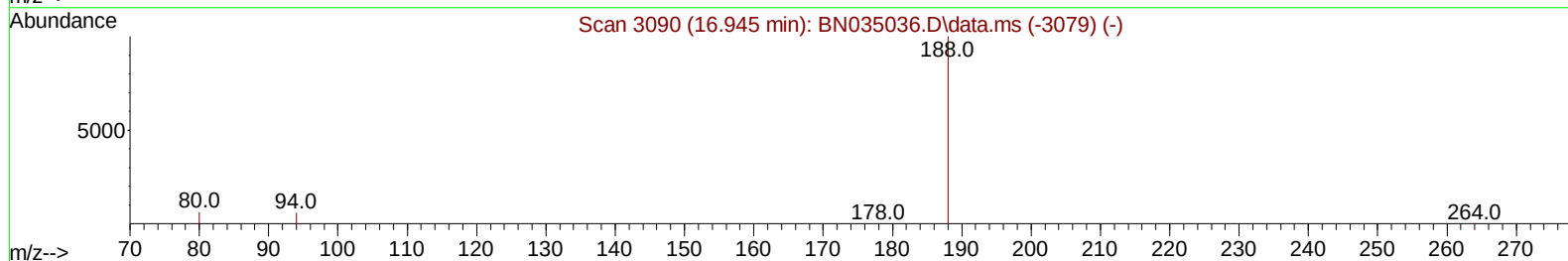
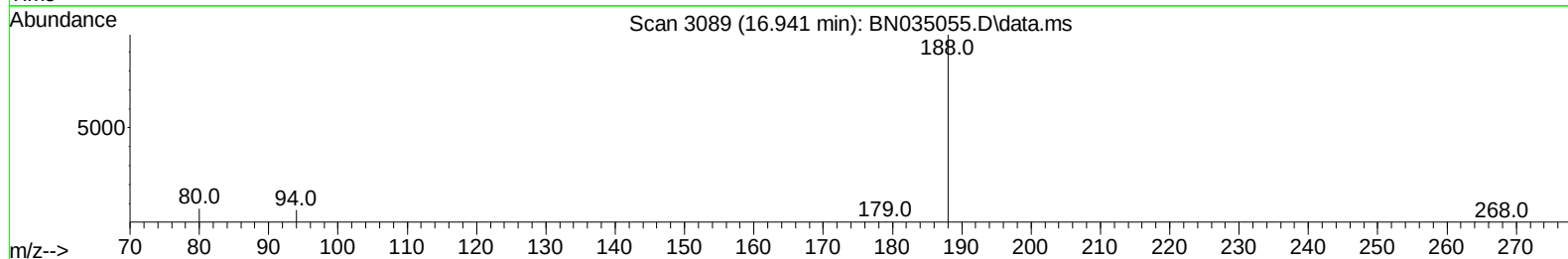
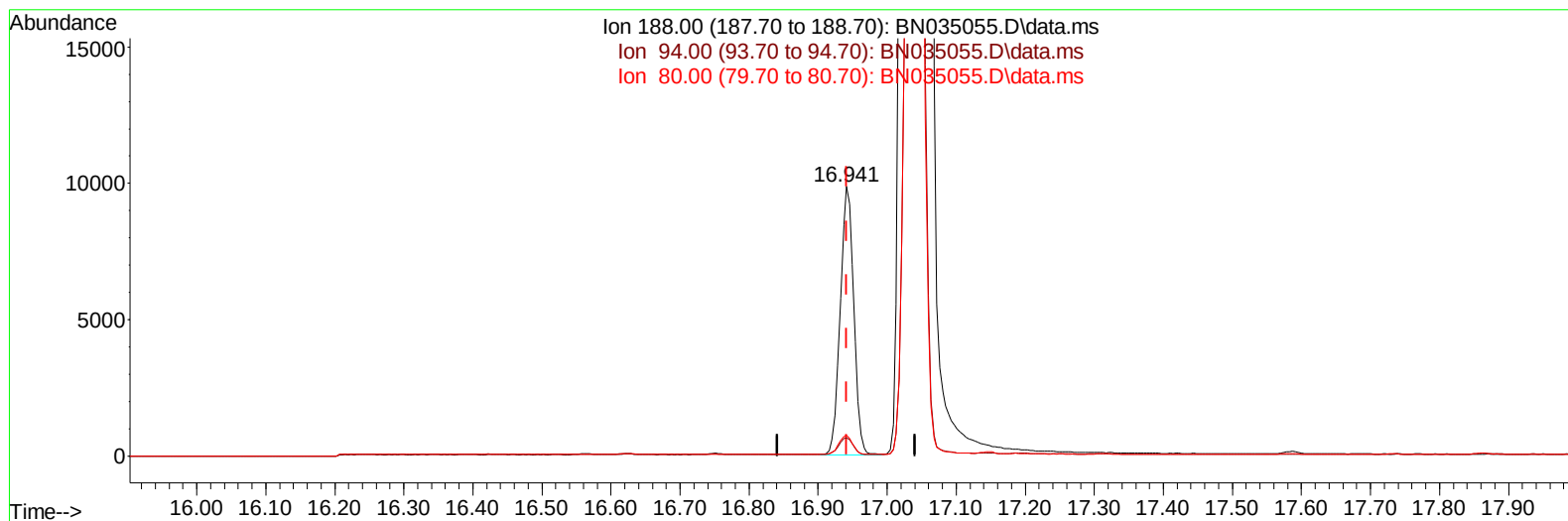
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111124\
Data File : BN035055.D
Acq On : 13 Nov 2024 03:10
Operator : RC/JU
Sample : P4714-06
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AG2

Manual IntegrationsAPPROVED

Quant Time: Nov 13 03:32:46 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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Supervised By :mohammad ahmed 11/14/2024



TIC: BN035055.D\data.ms

(13) Phenanthrene-d10 (I)

16.941min (-0.000) 0.40 ng/ul m

response 13414

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	6.10	6.78
80.00	7.00	7.66
0.00	0.00	0.00

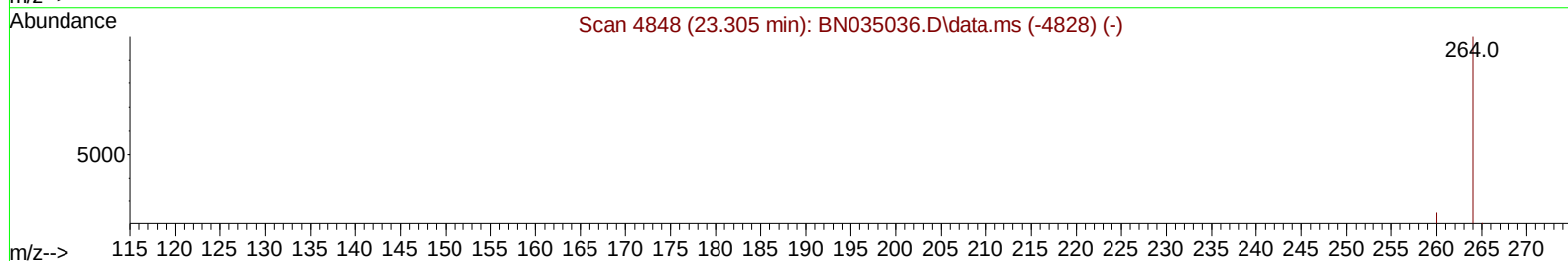
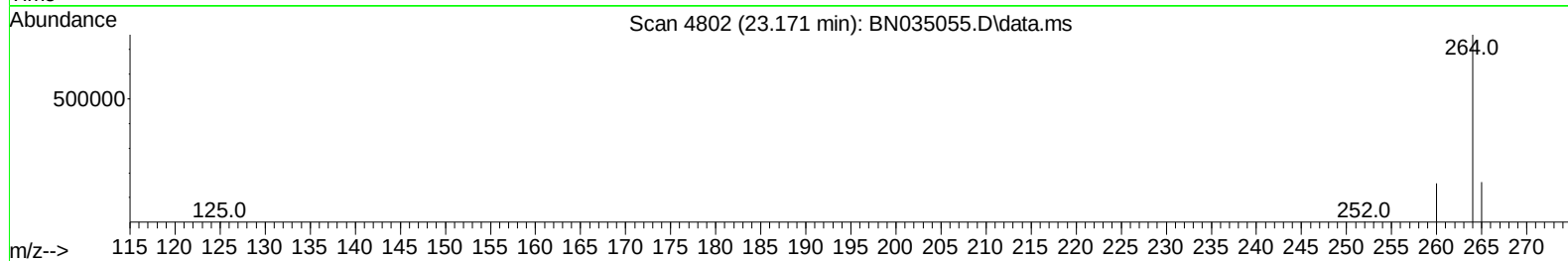
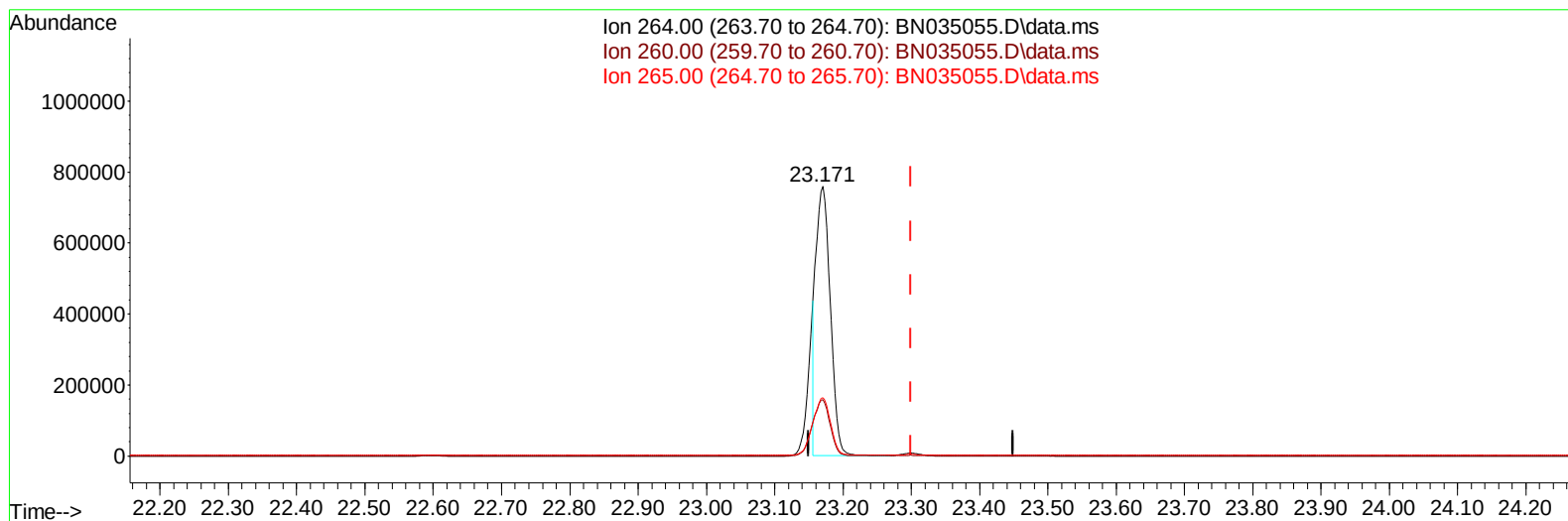
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111124\
Data File : BN035055.D
Acq On : 13 Nov 2024 03:10
Operator : RC/JU
Sample : P4714-06
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AG2

Manual IntegrationsAPPROVED

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

Quant Time: Nov 13 03:32:46 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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TIC: BN035055.D\data.ms

(23) Perylene-d12 (I)

23.171min (-0.129) 0.40 ng/u1

response 1106230

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.40	20.79#
265.00	52.80	21.58#
0.00	0.00	0.00

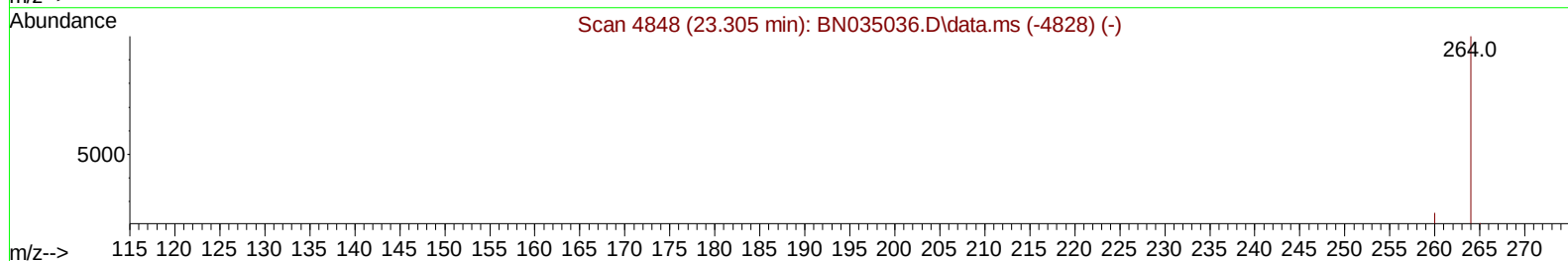
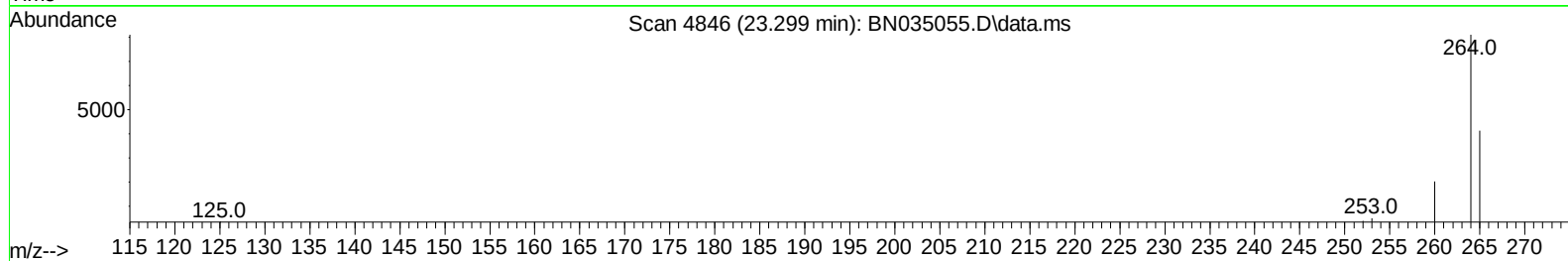
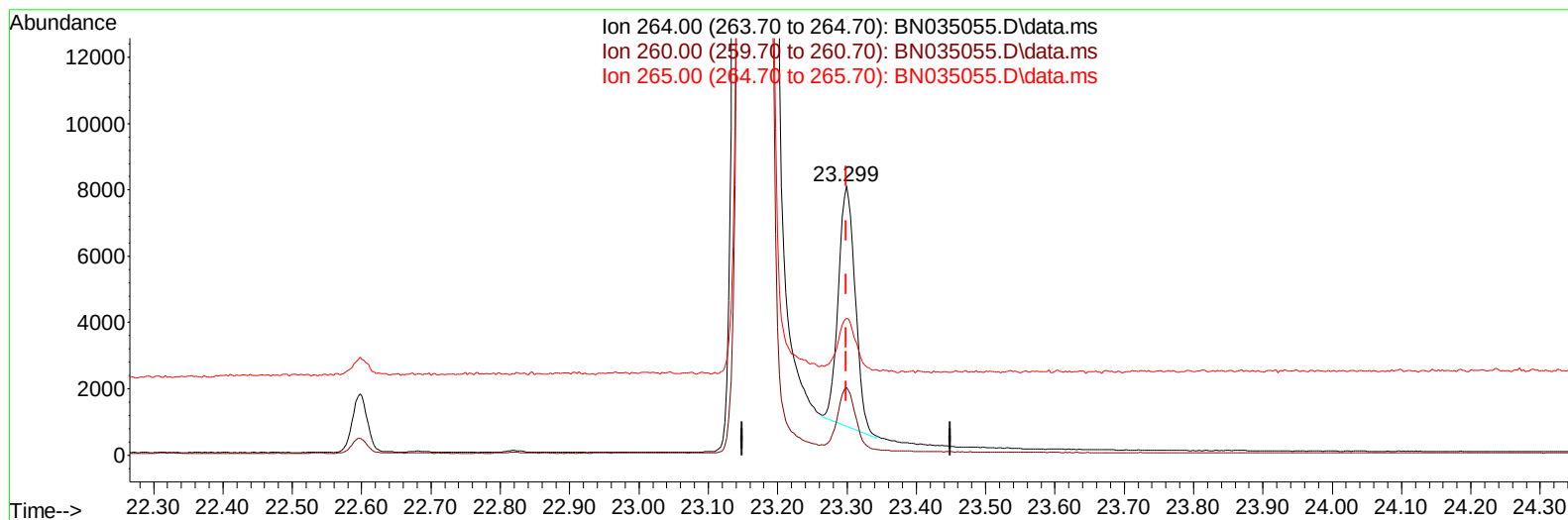
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111124\
Data File : BN035055.D
Acq On : 13 Nov 2024 03:10
Operator : RC/JU
Sample : P4714-06
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AG2

Manual IntegrationsAPPROVED

Quant Time: Nov 13 03:32:46 2024
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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: BN035055.D\data.ms

(23) Perylene-d12 (I)

23.299min (-0.000) 0.40 ng/ul m

response 12254

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.40	25.20
265.00	52.80	50.92
0.00	0.00	0.00

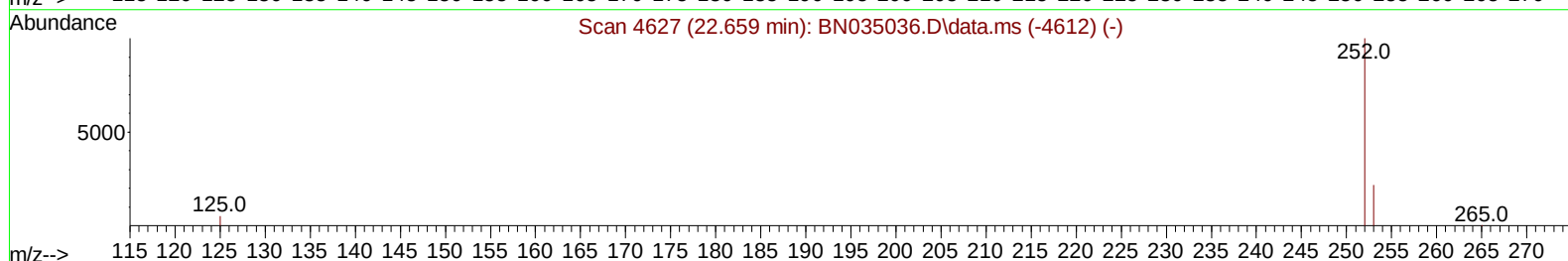
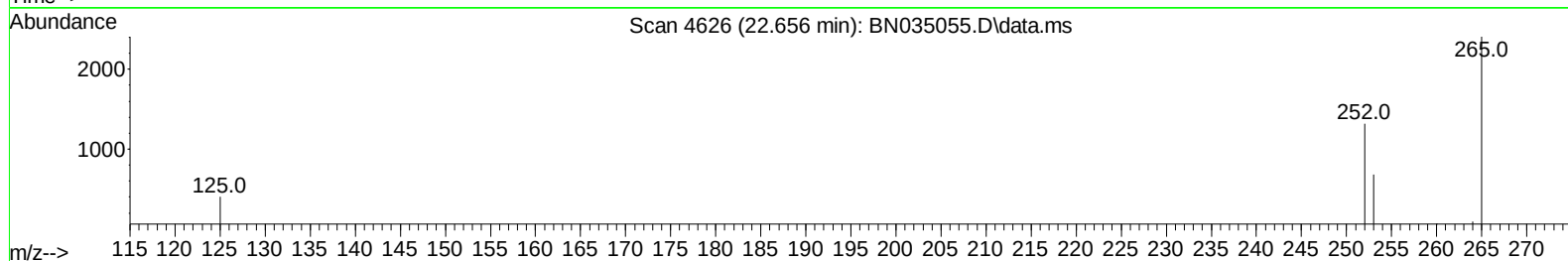
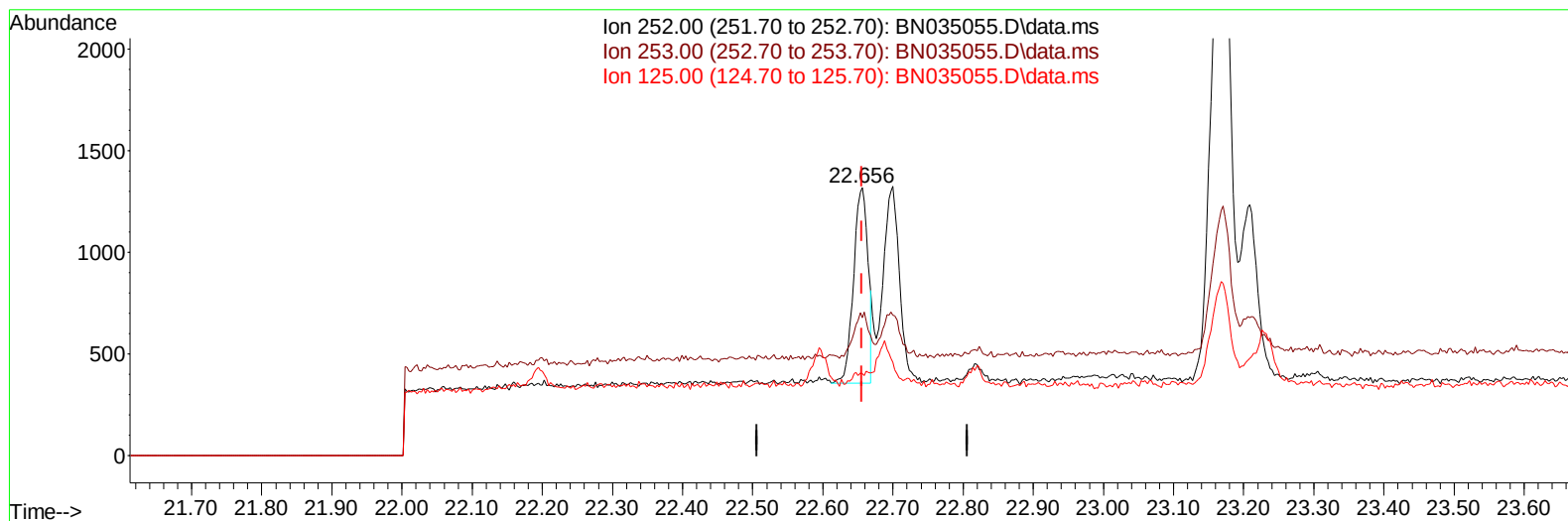
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111124\
Data File : BN035055.D
Acq On : 13 Nov 2024 03:10
Operator : RC/JU
Sample : P4714-06
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AG2

Manual IntegrationsAPPROVED

Quant Time: Nov 13 03:32:46 2024
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TIC: BN035055.D\data.ms

(24) Benzo(b)fluoranthene

22.656min (-0.000) 0.03 ng/u1

response 1368

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.00	51.52#
125.00	7.00	30.53#
0.00	0.00	0.00

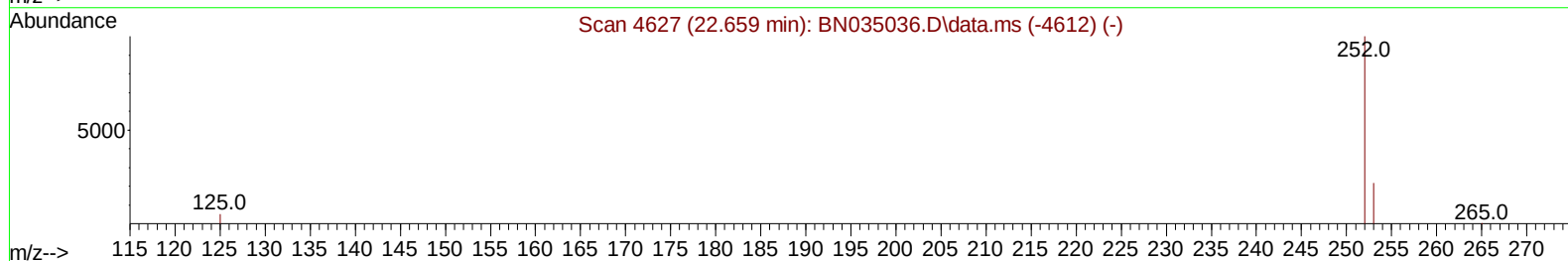
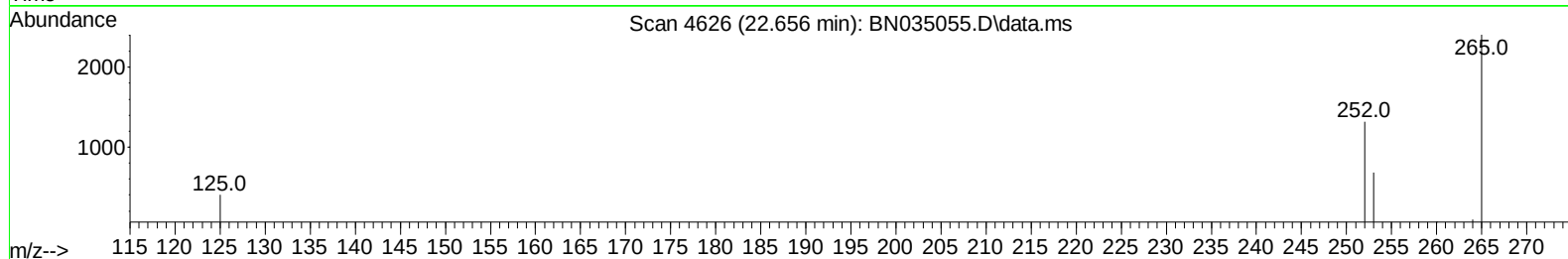
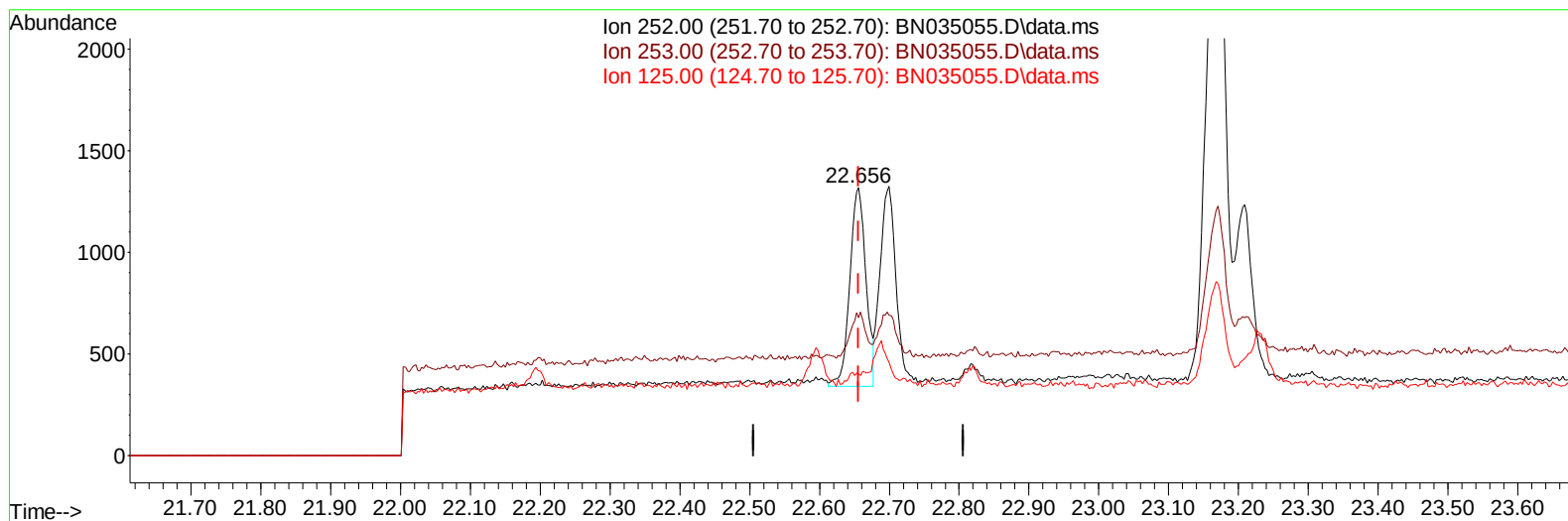
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111124\
Data File : BN035055.D
Acq On : 13 Nov 2024 03:10
Operator : RC/JU
Sample : P4714-06
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AG2

Manual IntegrationsAPPROVED

Quant Time: Nov 13 03:32:46 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: BN035055.D\data.ms

(24) Benzo(b)fluoranthene

22.656min (-0.000) 0.04 ng/ul m

response 1574

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.00	51.52#
125.00	7.00	30.53#
0.00	0.00	0.00

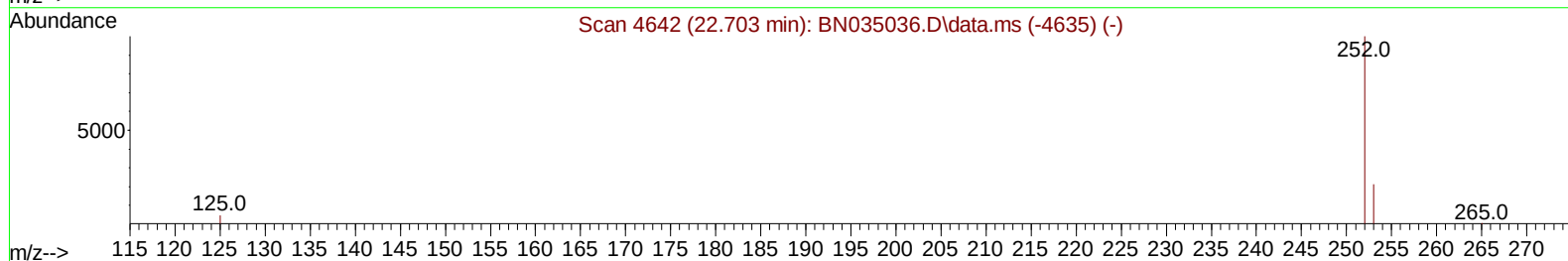
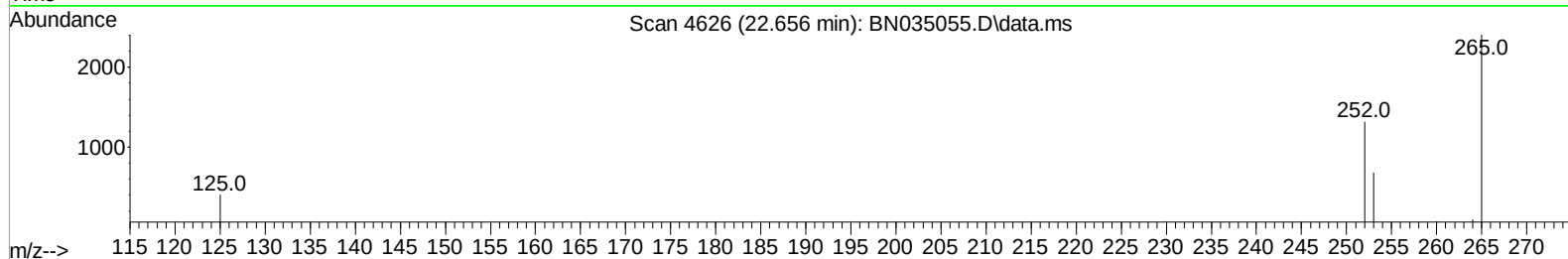
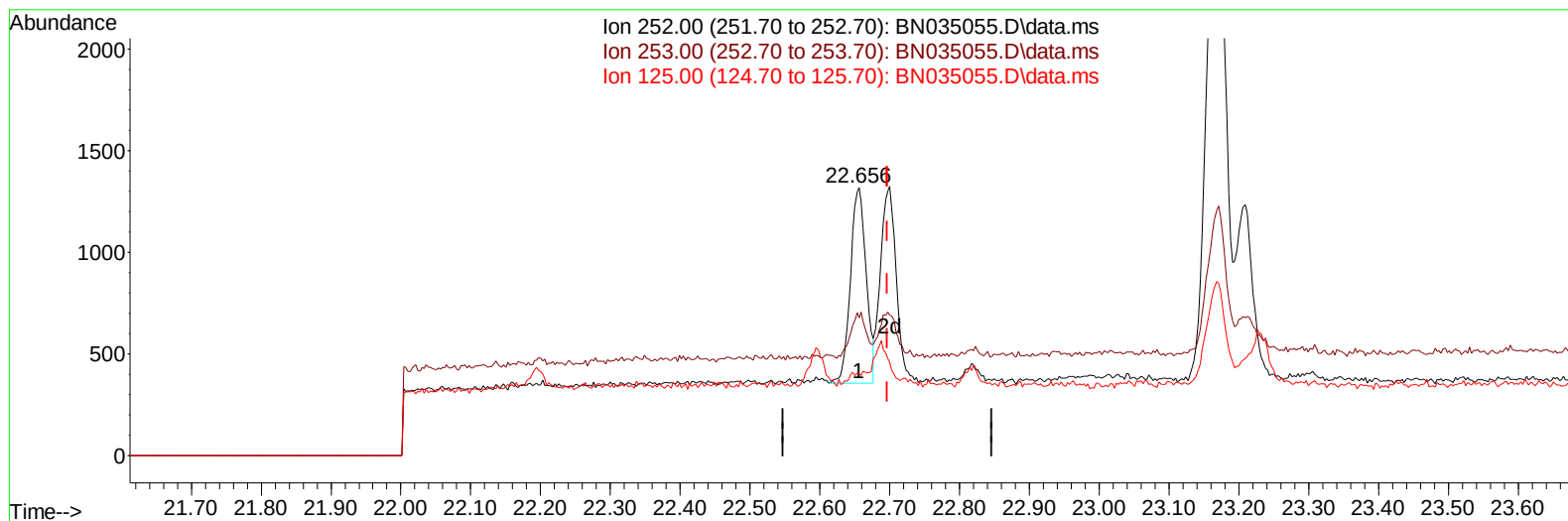
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111124\
Data File : BN035055.D
Acq On : 13 Nov 2024 03:10
Operator : RC/JU
Sample : P4714-06
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AG2

Manual IntegrationsAPPROVED

Quant Time: Nov 13 03:32:46 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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Supervised By :mohammad ahmed 11/14/2024



TIC: BN035055.D\data.ms

(25) Benzo(k)fluoranthene

22.656min (-0.041) 0.03 ng/u1

response 1509

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.30	51.52#
125.00	7.30	30.53#
0.00	0.00	0.00

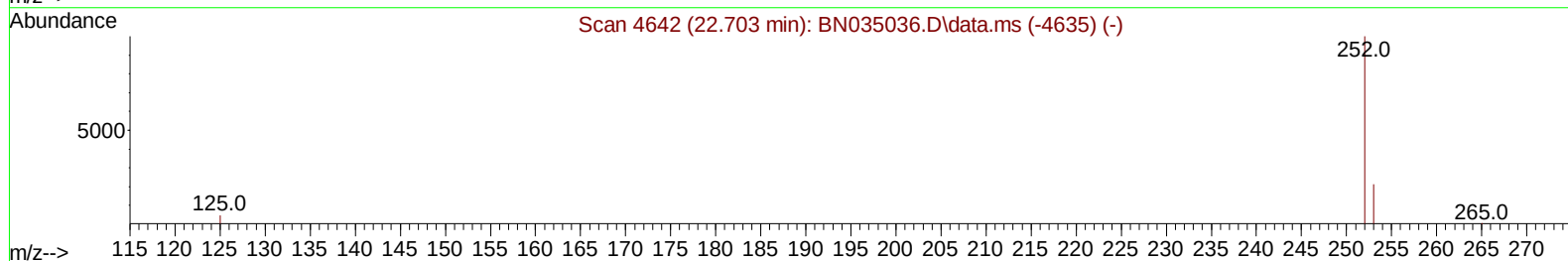
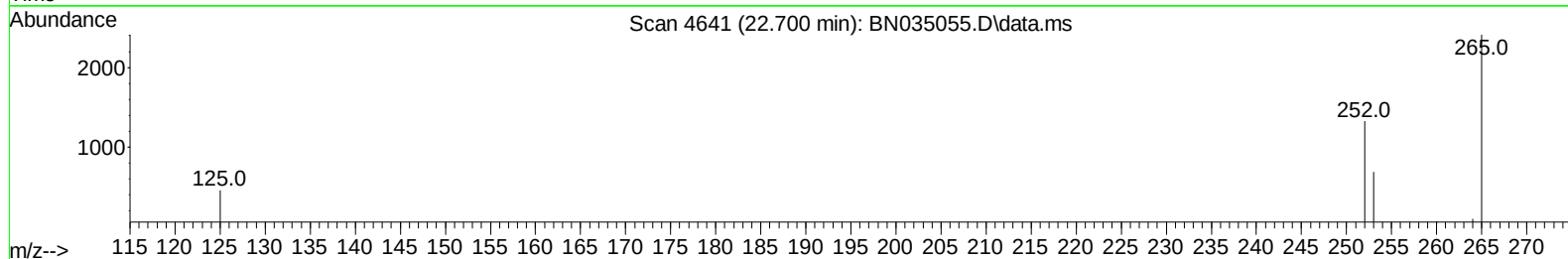
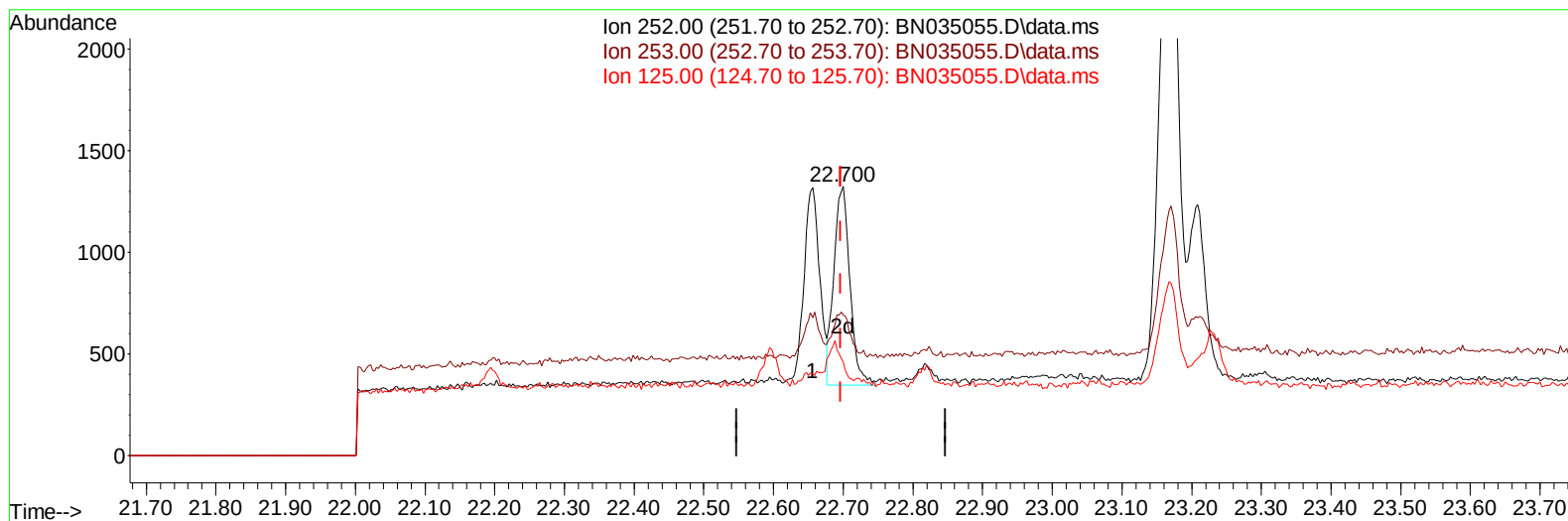
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111124\
Data File : BN035055.D
Acq On : 13 Nov 2024 03:10
Operator : RC/JU
Sample : P4714-06
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AG2

Manual IntegrationsAPPROVED

Quant Time: Nov 13 03:32:46 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

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Supervised By :mohammad ahmed 11/14/2024



TIC: BN035055.D\data.ms

(25) Benzo(k)fluoranthene

22.700min (+ 0.003) 0.03 ng/ul m

response 1563

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.30	52.30#
125.00	7.30	34.79#
0.00	0.00	0.00

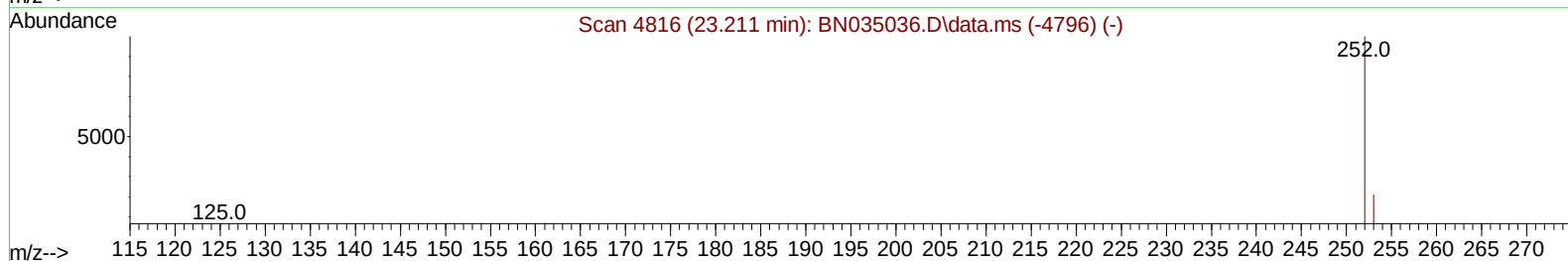
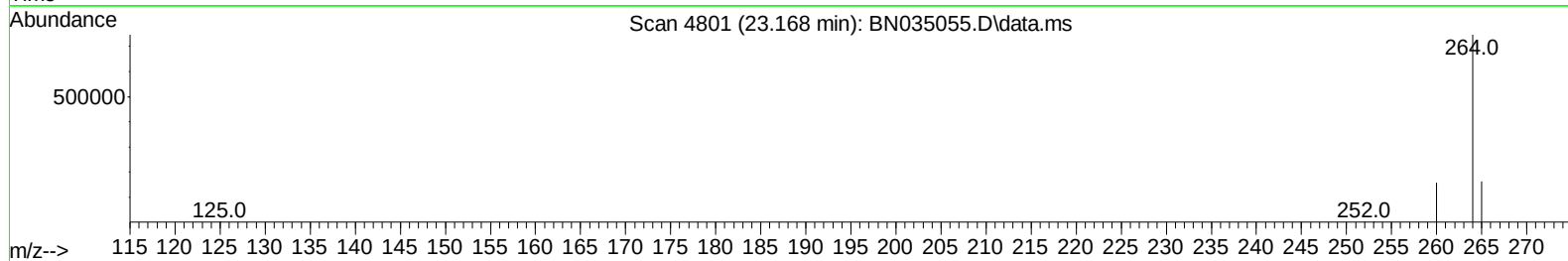
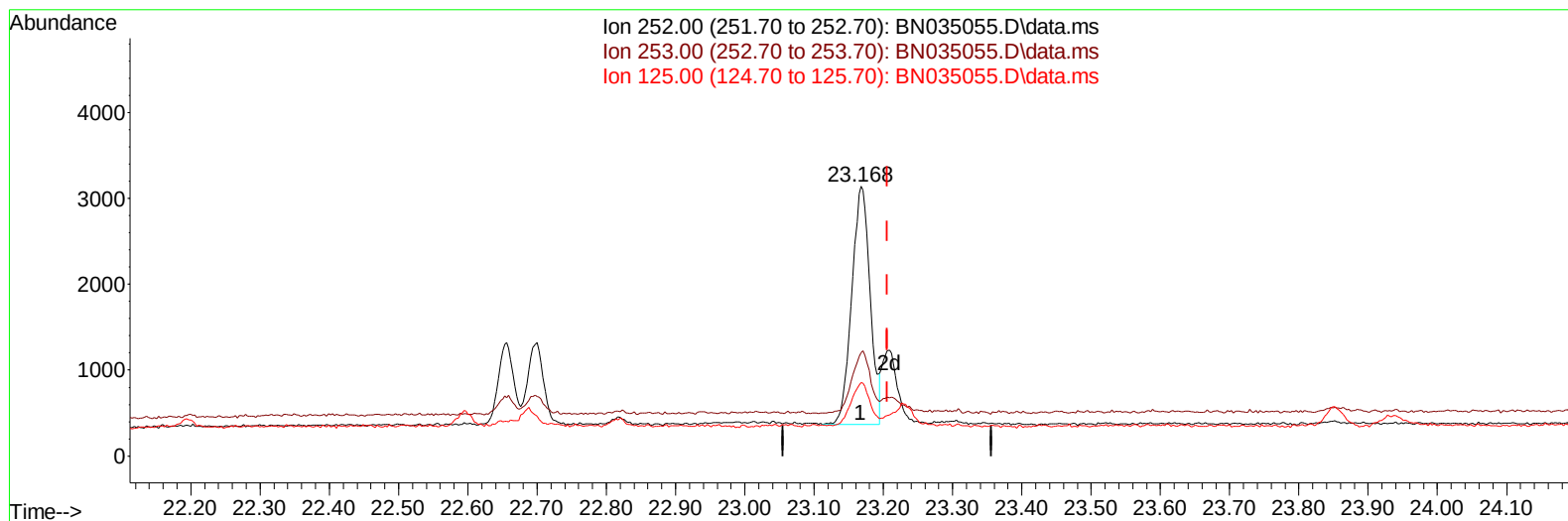
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Data File : BN035055.D
Acq On : 13 Nov 2024 03:10
Operator : RC/JU
Sample : P4714-06
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AG2

Manual IntegrationsAPPROVED

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

Quant Time: Nov 13 03:32:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110924.M
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TIC: BN035055.D\data.ms

(26) Benzo(a)pyrene (C)

23.168min (-0.038) 0.13 ng/u1

response 5145

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	38.44#
125.00	7.90	27.29#
0.00	0.00	0.00

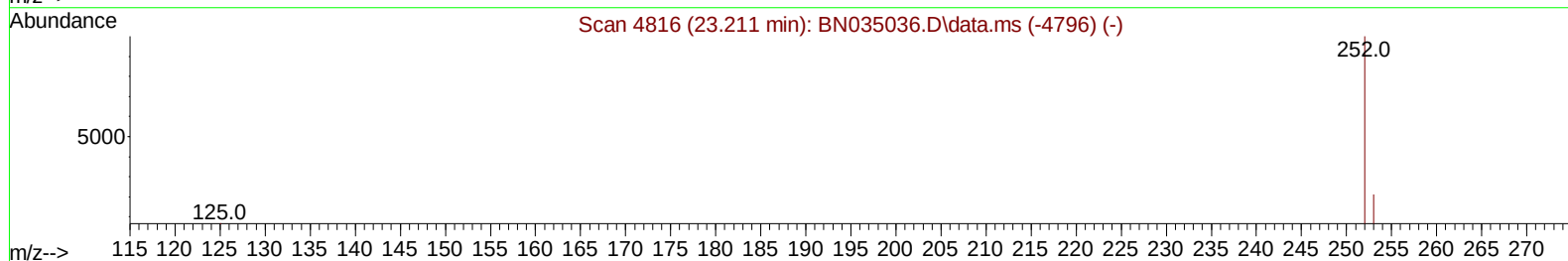
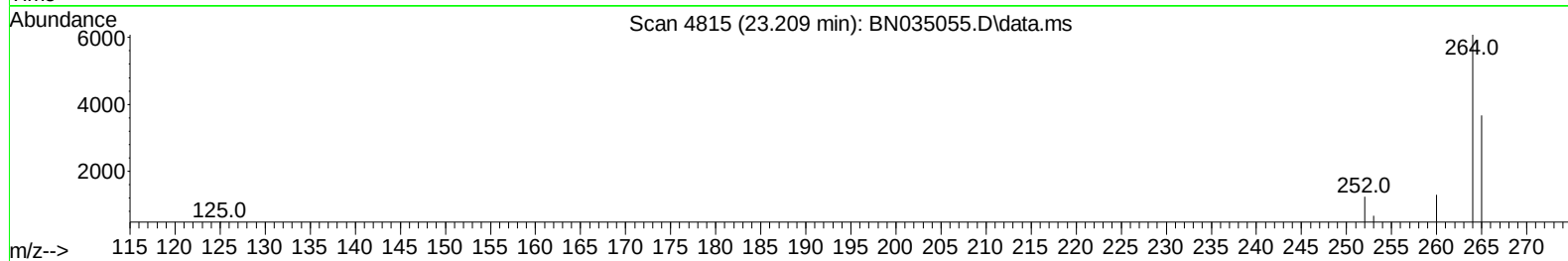
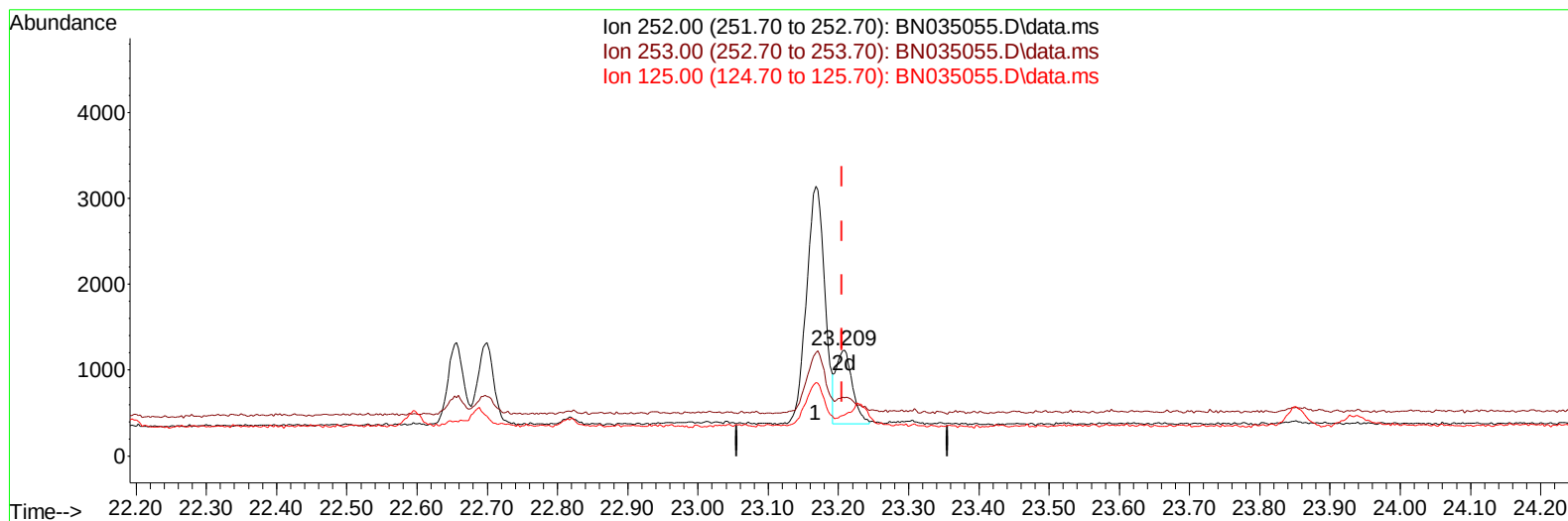
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111124\
Data File : BN035055.D
Acq On : 13 Nov 2024 03:10
Operator : RC/JU
Sample : P4714-06
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AG2

Manual IntegrationsAPPROVED

Quant Time: Nov 13 03:32:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110924.M
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TIC: BN035055.D\data.ms

(26) Benzo(a)pyrene (C)

23.209min (+ 0.003) 0.04 ng/ul m

response 1413

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	26.50	54.94#
125.00	7.90	38.74#
0.00	0.00	0.00

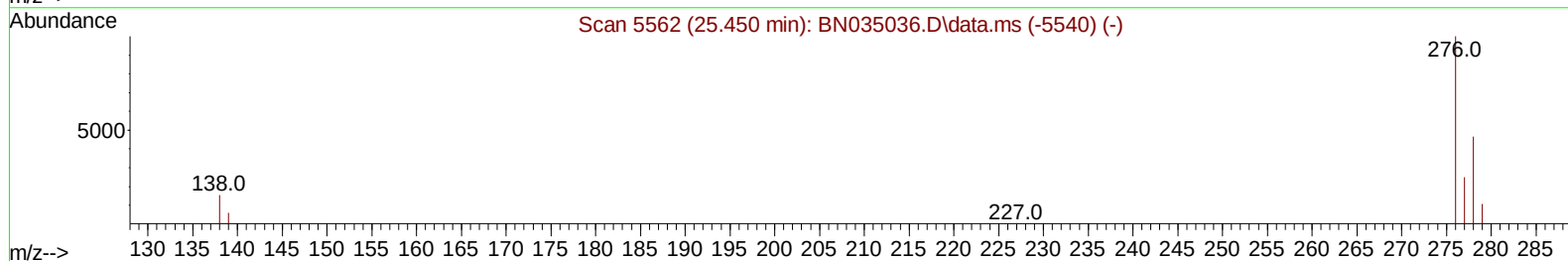
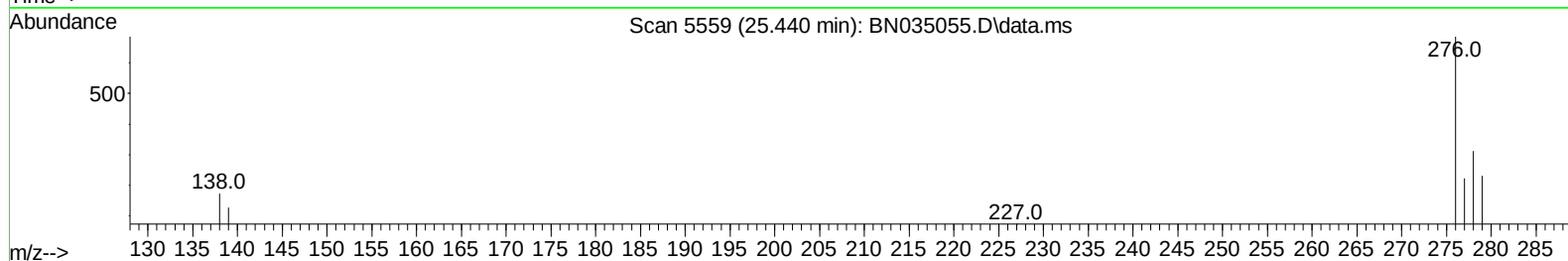
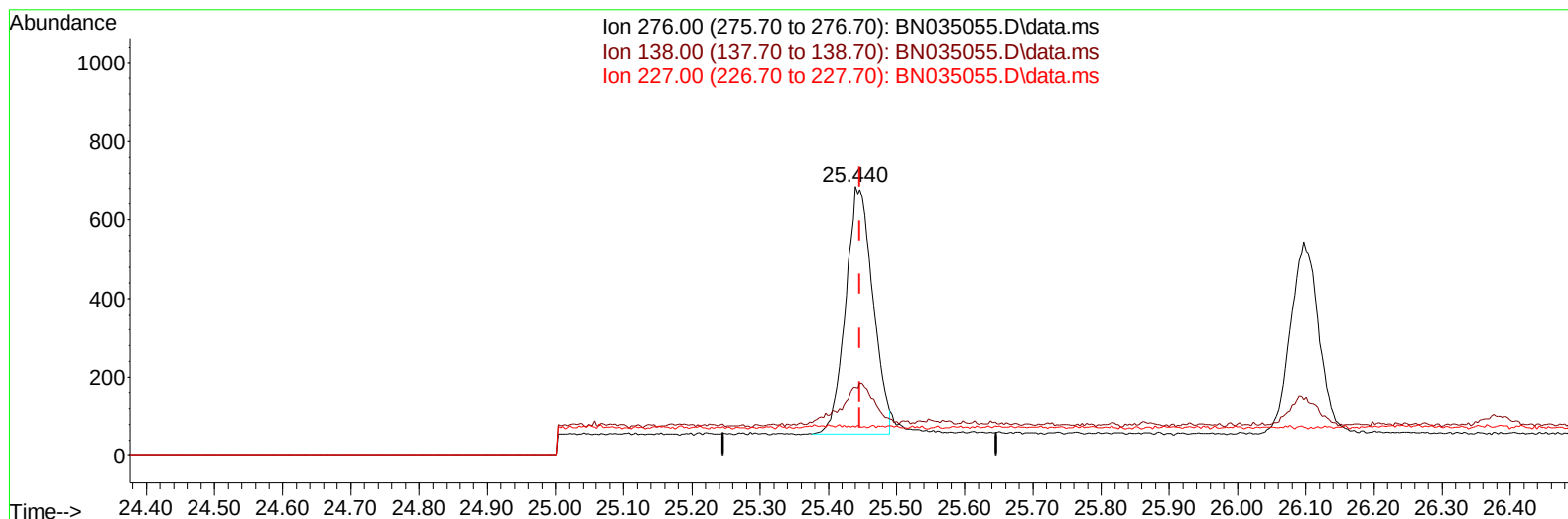
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111124\
Data File : BN035055.D
Acq On : 13 Nov 2024 03:10
Operator : RC/JU
Sample : P4714-06
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AG2

Manual IntegrationsAPPROVED

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TIC: BN035055.D\data.ms

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

25.440min (-0.007) 0.04 ng/u1

response 1744

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	13.50	19.32#
227.00	0.30	0.00#
0.00	0.00	0.00

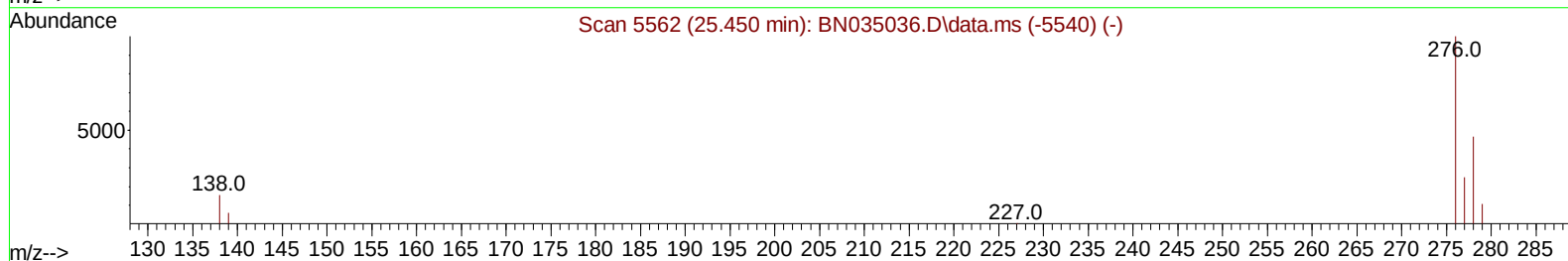
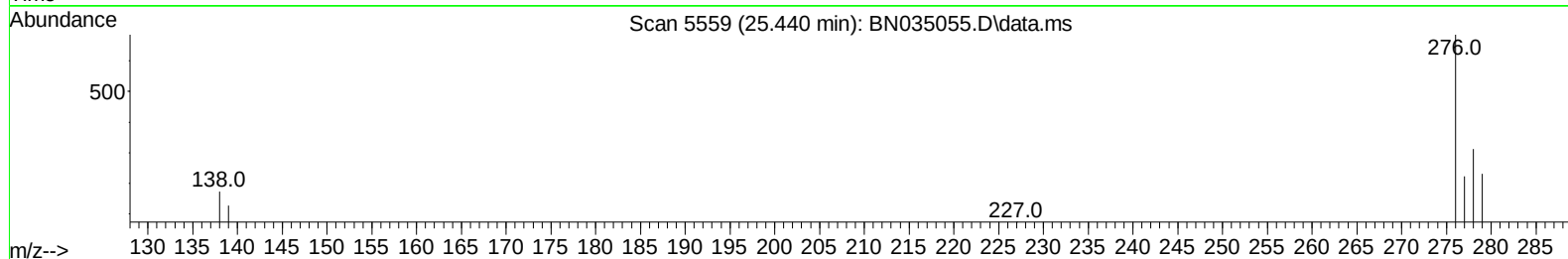
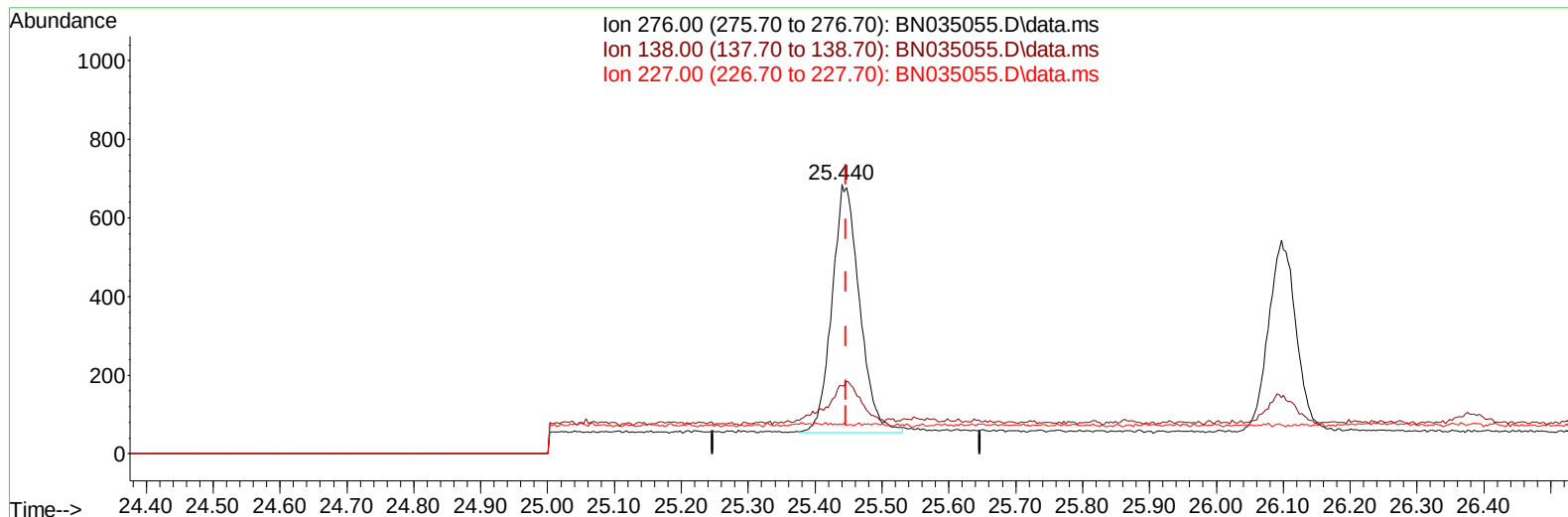
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111124\
Data File : BN035055.D
Acq On : 13 Nov 2024 03:10
Operator : RC/JU
Sample : P4714-06
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AG2

Manual IntegrationsAPPROVED

Quant Time: Nov 13 03:32:46 2024
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TIC: BN035055.D\data.ms

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

25.440min (-0.007) 0.04 ng/ul m

response 1804

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	13.50	18.68#
227.00	0.30	0.00#
0.00	0.00	0.00

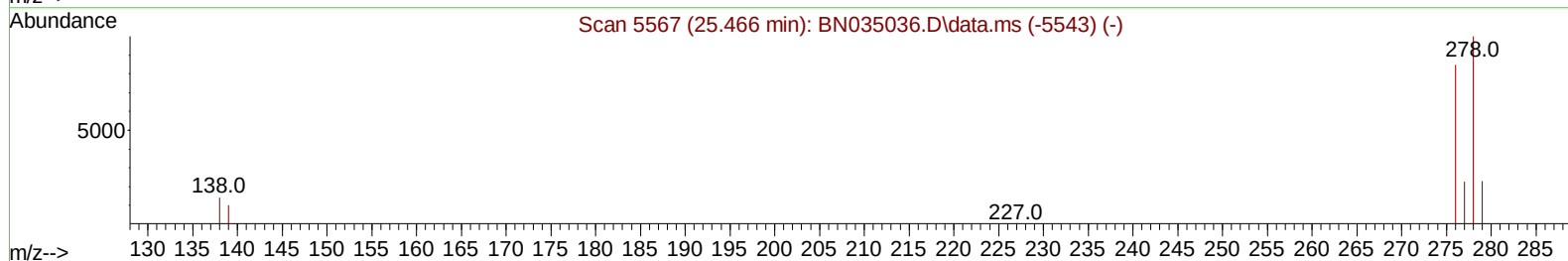
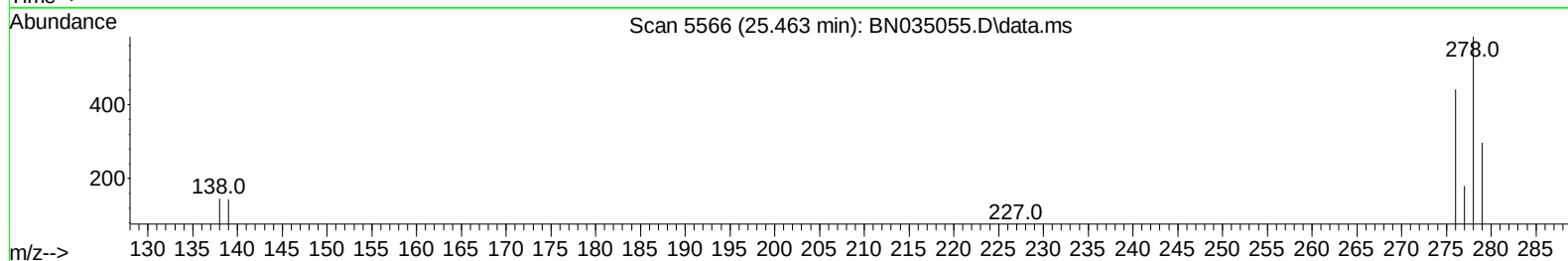
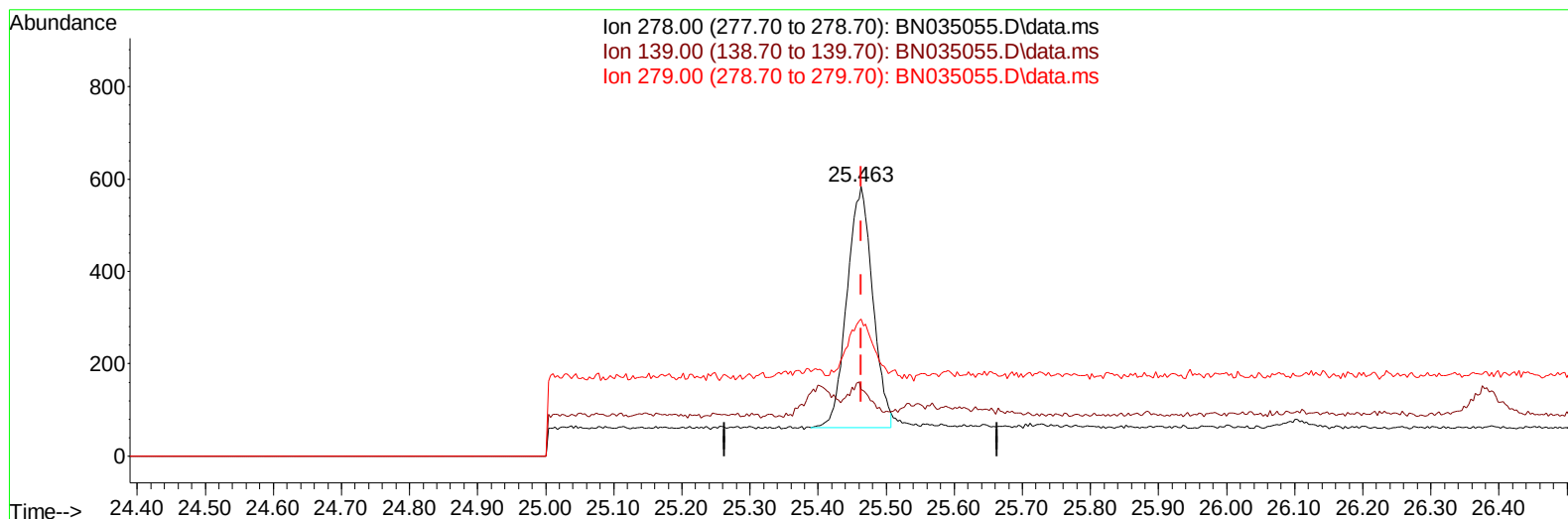
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111124\
Data File : BN035055.D
Acq On : 13 Nov 2024 03:10
Operator : RC/JU
Sample : P4714-06
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AG2

Manual IntegrationsAPPROVED

Quant Time: Nov 13 03:32:46 2024
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TIC: BN035055.D\data.ms

(28) Dibenzo(a,h)anthracene

25.463min (-0.000) 0.04 ng/u1

response 1365

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	10.50	24.66#
279.00	26.90	50.86#
0.00	0.00	0.00

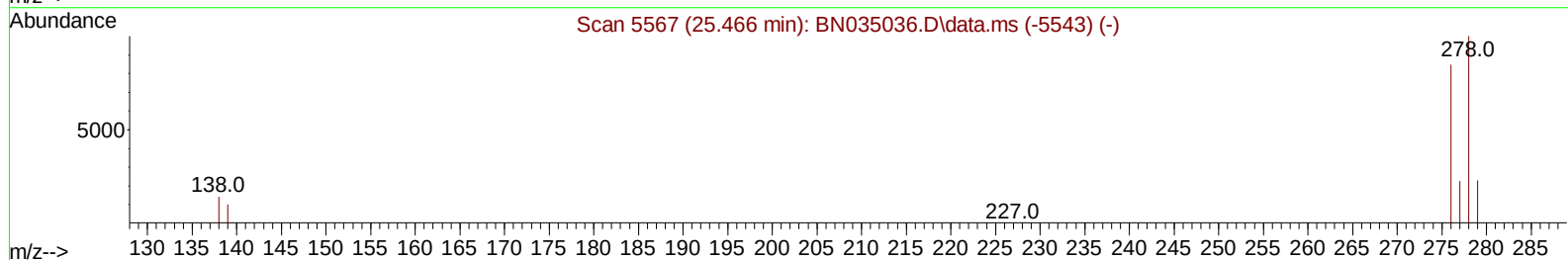
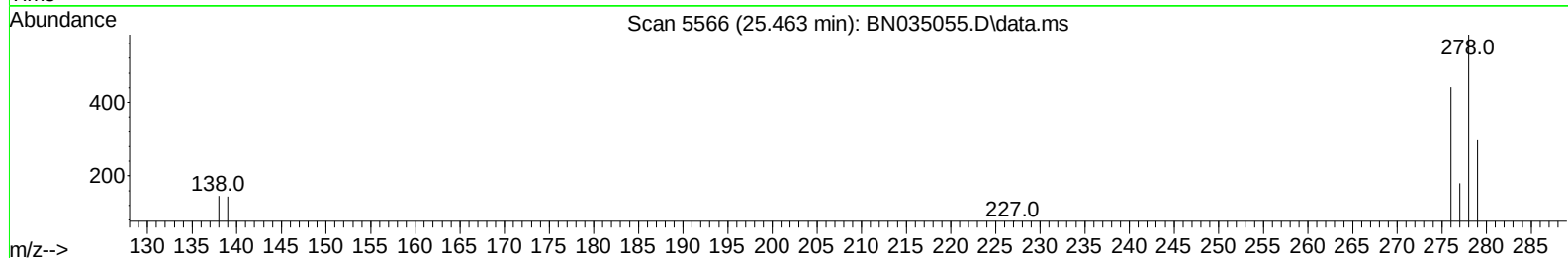
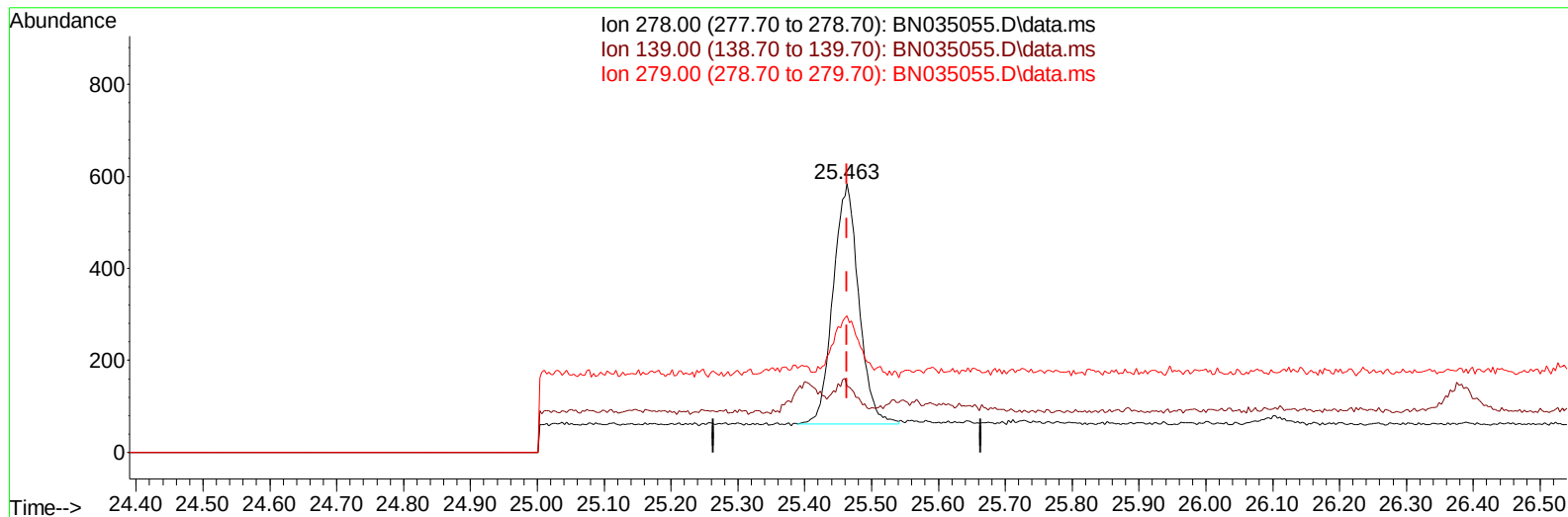
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111124\
Data File : BN035055.D
Acq On : 13 Nov 2024 03:10
Operator : RC/JU
Sample : P4714-06
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AG2

Manual IntegrationsAPPROVED

Quant Time: Nov 13 03:32:46 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: BN035055.D\data.ms

(28) Dibenzo(a,h)anthracene

25.463min (-0.000) 0.04 ng/ul m

response 1390

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	10.50	24.66#
279.00	26.90	50.86#
0.00	0.00	0.00

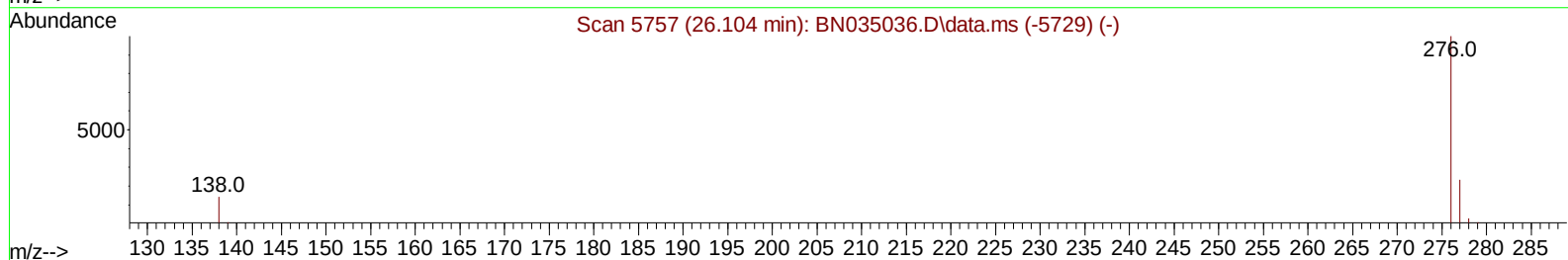
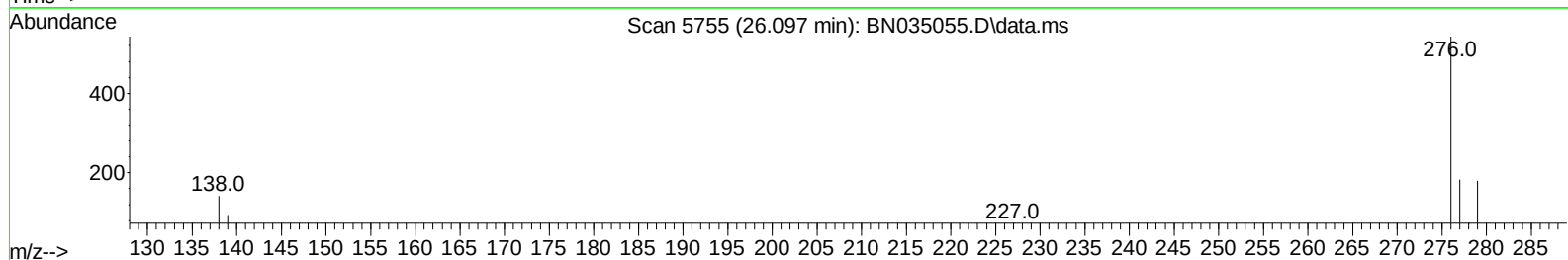
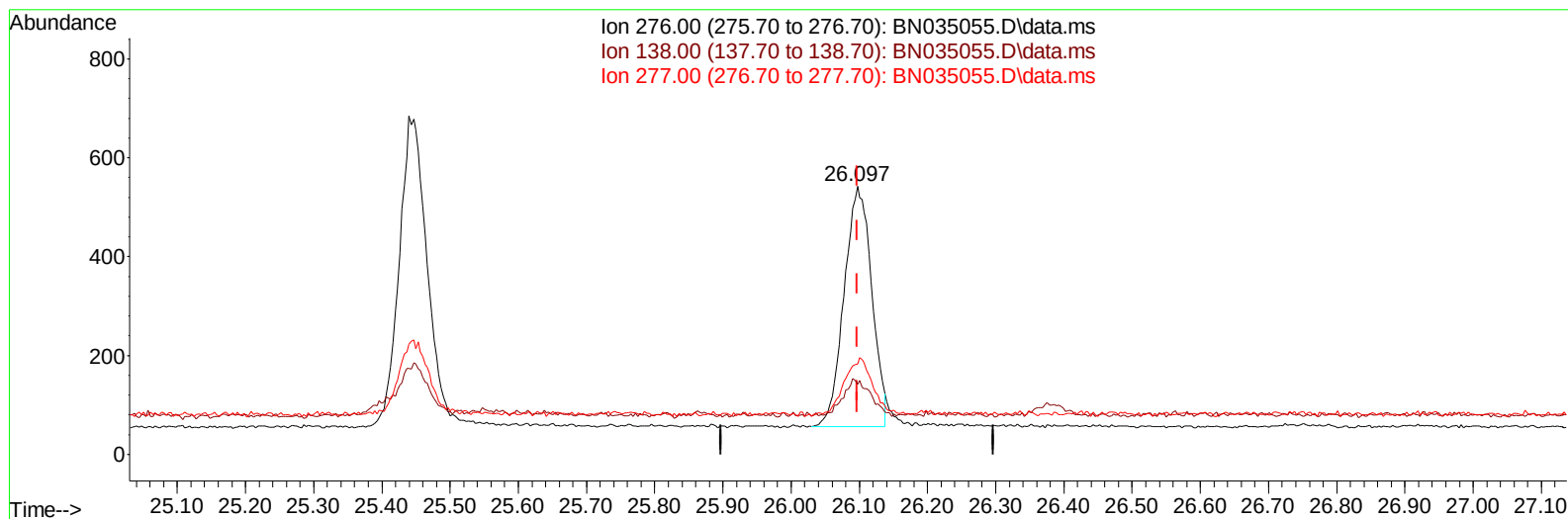
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111124\
 Data File : BN035055.D
 Acq On : 13 Nov 2024 03:10
 Operator : RC/JU
 Sample : P4714-06
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AG2

Manual IntegrationsAPPROVED

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TIC: BN035055.D\data.ms

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

26.097min (-0.000) 0.04 ng/u1

response 1363

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	12.90	26.15#
277.00	25.20	33.70#
0.00	0.00	0.00

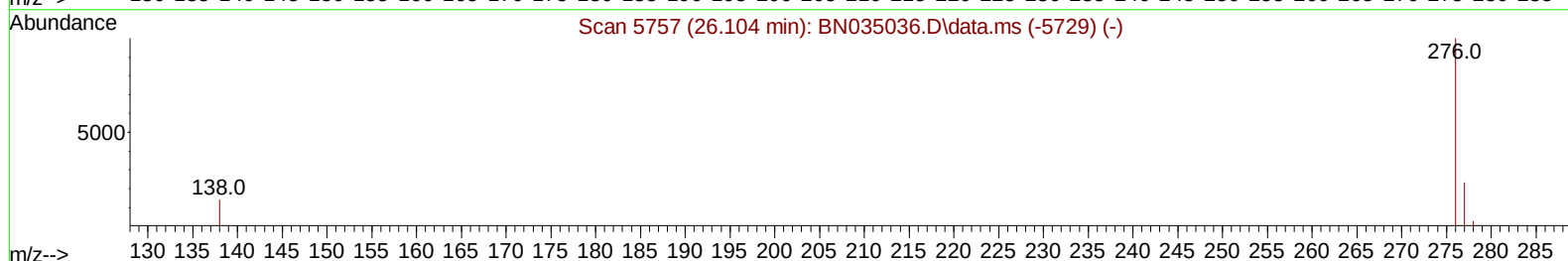
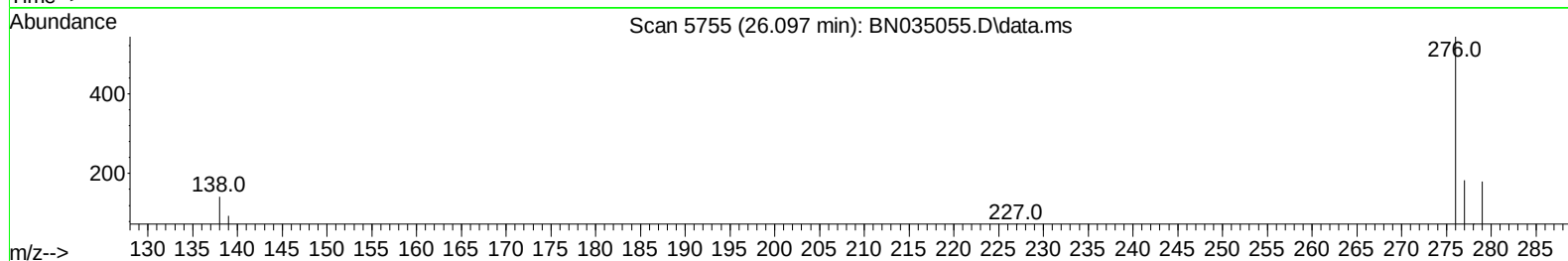
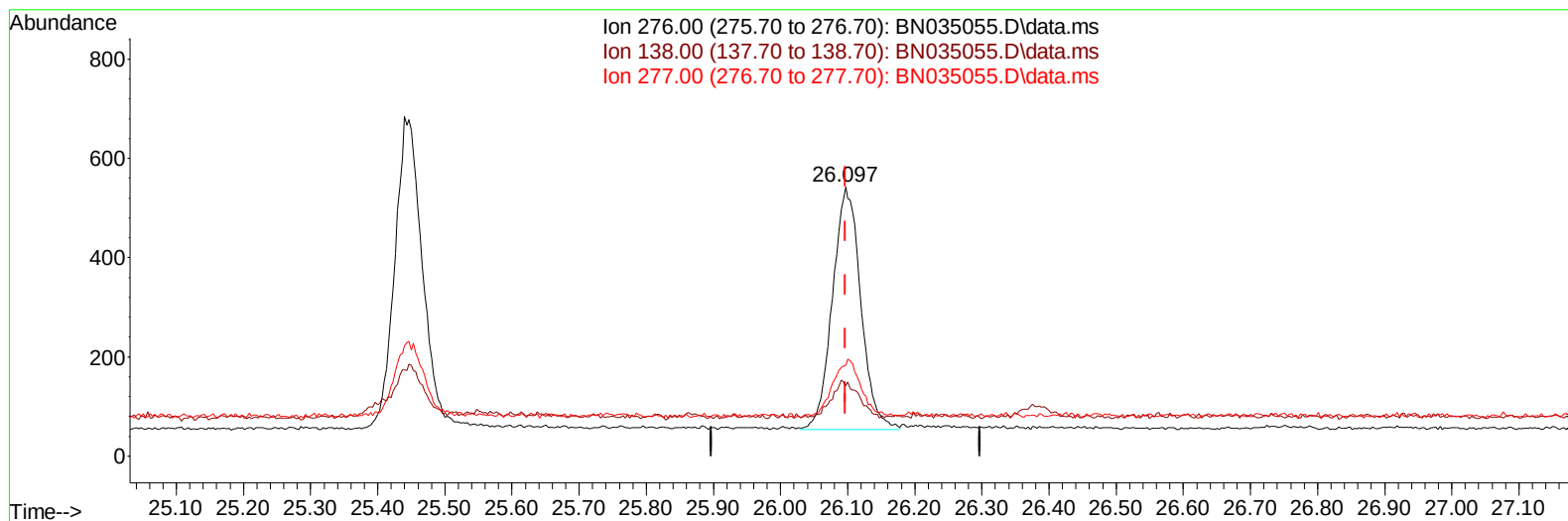
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111124\
Data File : BN035055.D
Acq On : 13 Nov 2024 03:10
Operator : RC/JU
Sample : P4714-06
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AG2

Manual IntegrationsAPPROVED

Quant Time: Nov 13 03:32:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110924.M
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TIC: BN035055.D\data.ms

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

26.097min (-0.000) 0.04 ng/ul m

response 1432

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	12.90	26.15#
277.00	25.20	33.70#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111124\
 Data File : BN035055.D
 Acq On : 13 Nov 2024 03:10
 Operator : RC/JU
 Sample : P4714-06
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AG2

Manual IntegrationsAPPROVED

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

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.558	152		3841	0.400	ng/ul	0.00
4) Naphthalene-d8	10.322	136		9346	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.194	164		6255	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.941	188		13414m	0.400	ng/ul	0.00
17) Chrysene-d12	21.137	240		12278	0.400	ng/ul	# 0.00
23) Perylene-d12	23.299	264		12254m	0.400	ng/ul	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.149	96		15077	4.125	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.917	152		4838	0.338	ng/ul	0.00
18) Fluoranthene-d10	18.972	212		16322	0.518	ng/ul	0.00
Target Compounds							
							Qvalue
12) Fluorene	15.249	166		518	0.021	ng/ul#	91
14) Pentachlorophenol	16.595	266		189	0.061	ng/ul	98
15) Phenanthrene	16.983	178		1074	0.030	ng/ul#	85
16) Anthracene	17.076	178		1004	0.030	ng/ul#	81
19) Fluoranthene	19.005	202		1414	0.034	ng/ul#	82
21) Benzo(a)anthracene	21.122	228		1375	0.031	ng/ul#	93
22) Chrysene	21.172	228		1349	0.030	ng/ul#	92
24) Benzo(b)fluoranthene	22.656	252		1574m	0.037	ng/ul	
25) Benzo(k)fluoranthene	22.700	252		1563m	0.035	ng/ul	
26) Benzo(a)pyrene	23.209	252		1413m	0.037	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.440	276		1804m	0.038	ng/ul	
28) Dibenzo(a,h)anthracene	25.463	278		1390m	0.038	ng/ul	
29) Benzo(g,h,i)perylene	26.097	276		1432m	0.040	ng/ul	

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

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