

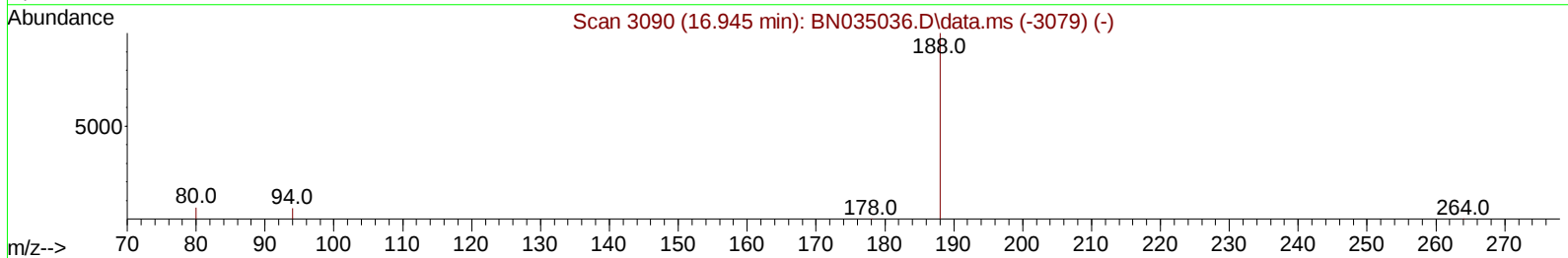
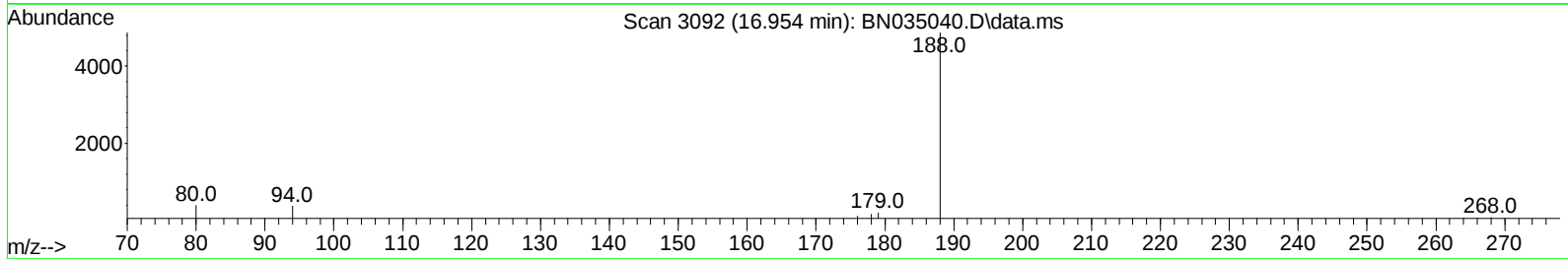
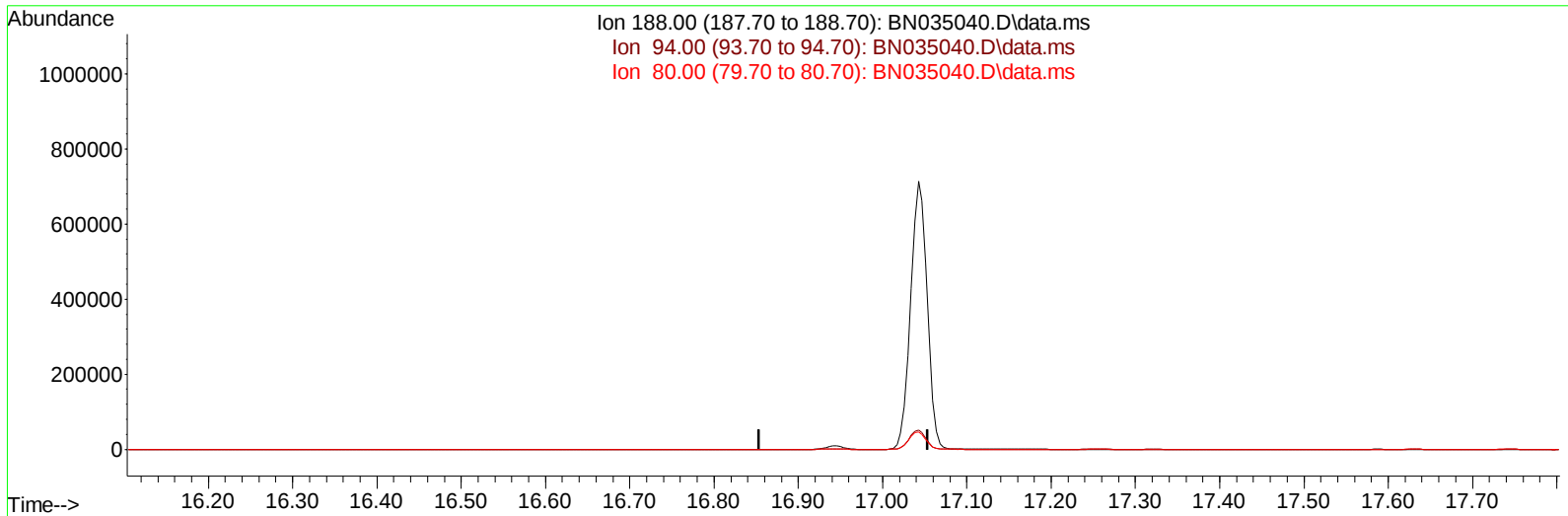
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111124\
Data File : BN035040.D
Acq On : 12 Nov 2024 17:37
Operator : RC/JU
Sample : P4714-17
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AJ3

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 11/13/2024
Supervised By :mohammad ahmed 11/14/2024

Quant Time: Nov 12 21:56:16 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 : Sat Nov 09 00:09:12 2024
Response via : Initial Calibration



TIC: BN035040.D\data.ms

(13) Phenanthrene-d10 (I)**16.954min (-16.954) 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

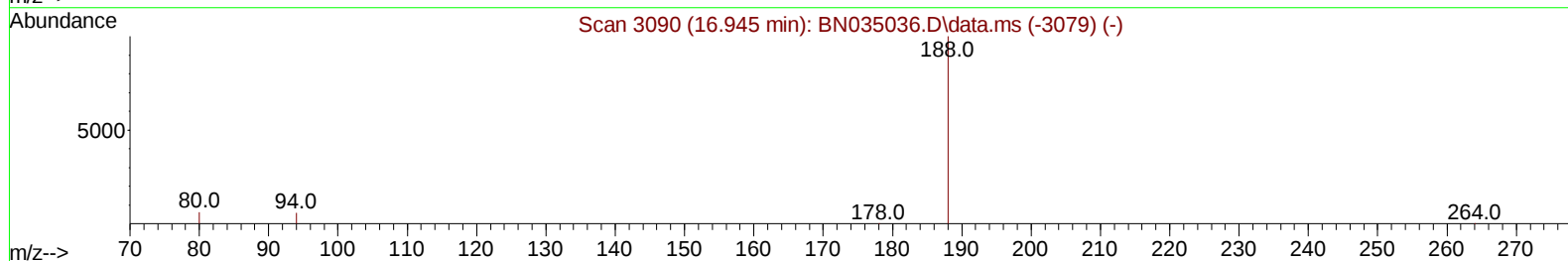
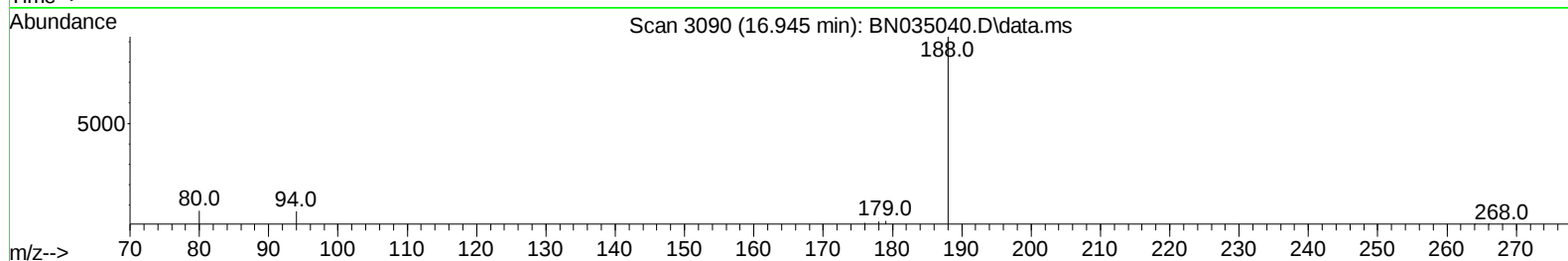
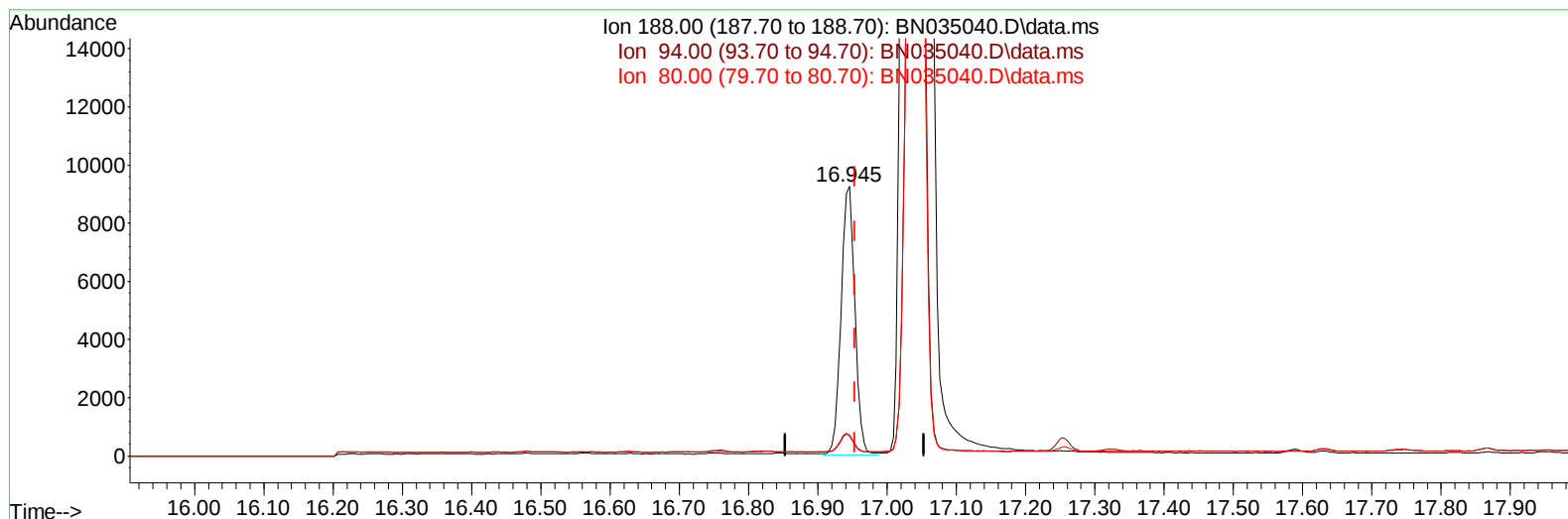
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111124\
Data File : BN035040.D
Acq On : 12 Nov 2024 17:37
Operator : RC/JU
Sample : P4714-17
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AJ3

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 11/14/2024



TIC: BN035040.D\data.ms

(13) Phenanthrene-d10 (I)

16.945min (-0.008) 0.40 ng/ul m

response 12792

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	6.10	7.42#
80.00	7.00	7.73
0.00	0.00	0.00

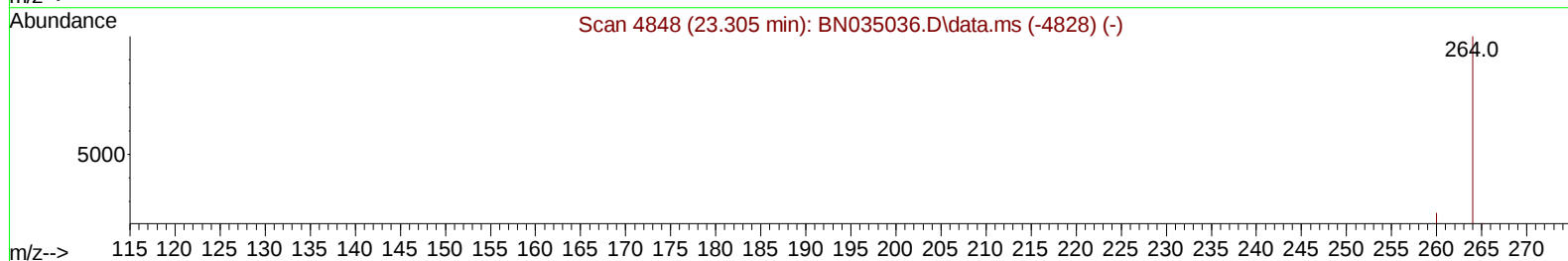
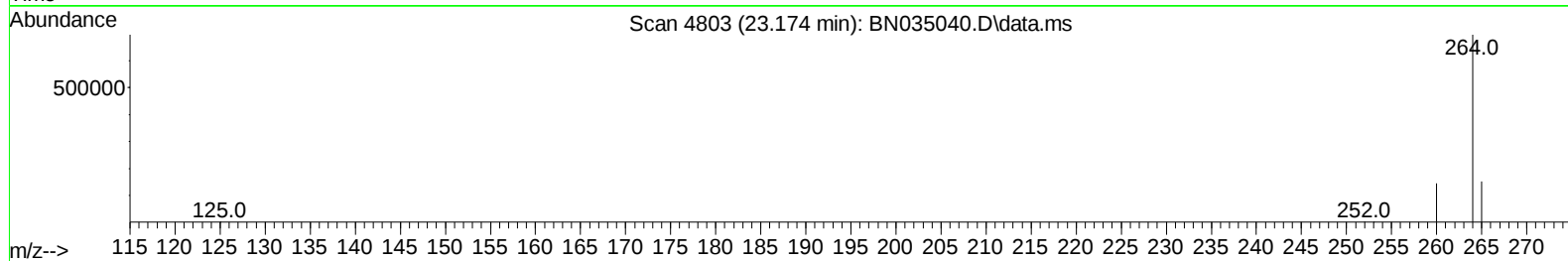
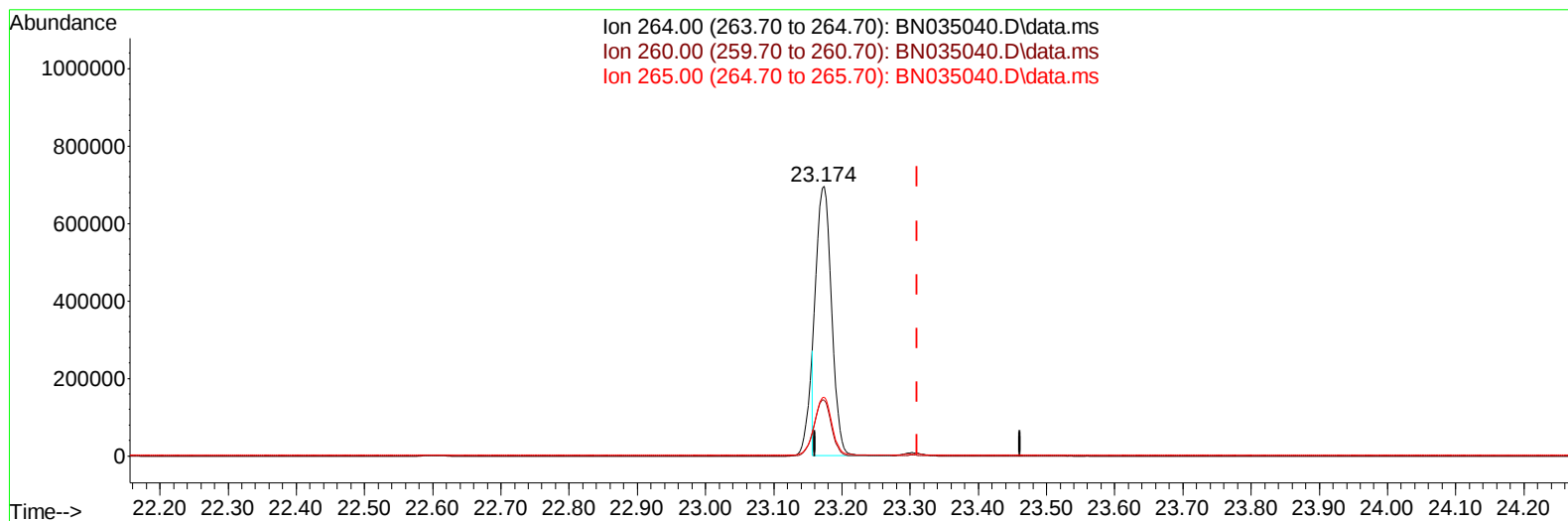
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111124\
Data File : BN035040.D
Acq On : 12 Nov 2024 17:37
Operator : RC/JU
Sample : P4714-17
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AJ3

Manual IntegrationsAPPROVED

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TIC: BN035040.D\data.ms

(23) Perylene-d12 (I)

23.174min (-0.137) 0.40 ng/u1

response 1092980

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.40	20.75#
265.00	52.80	21.77#
0.00	0.00	0.00

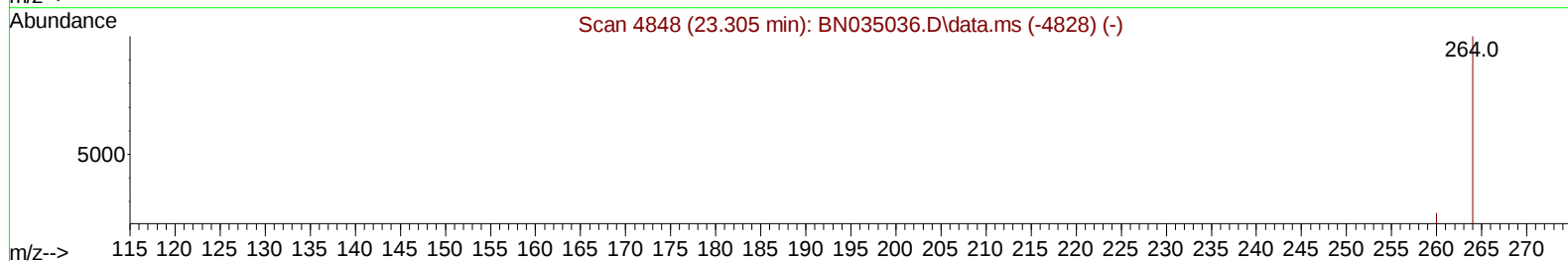
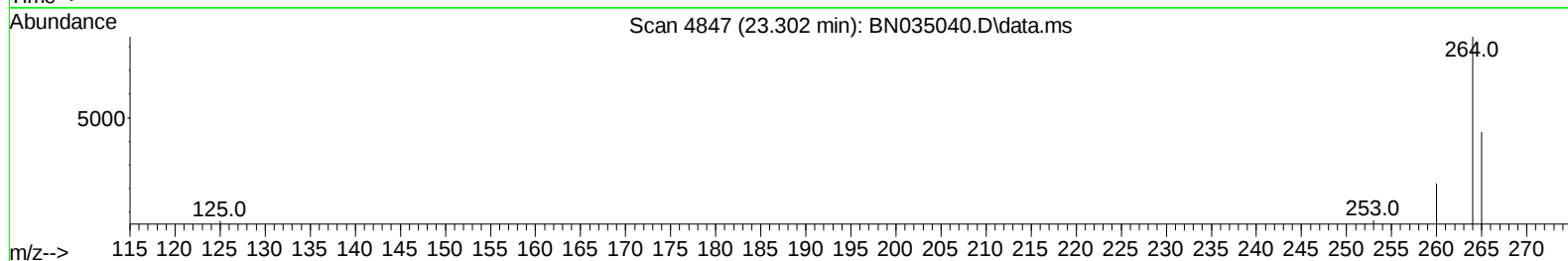
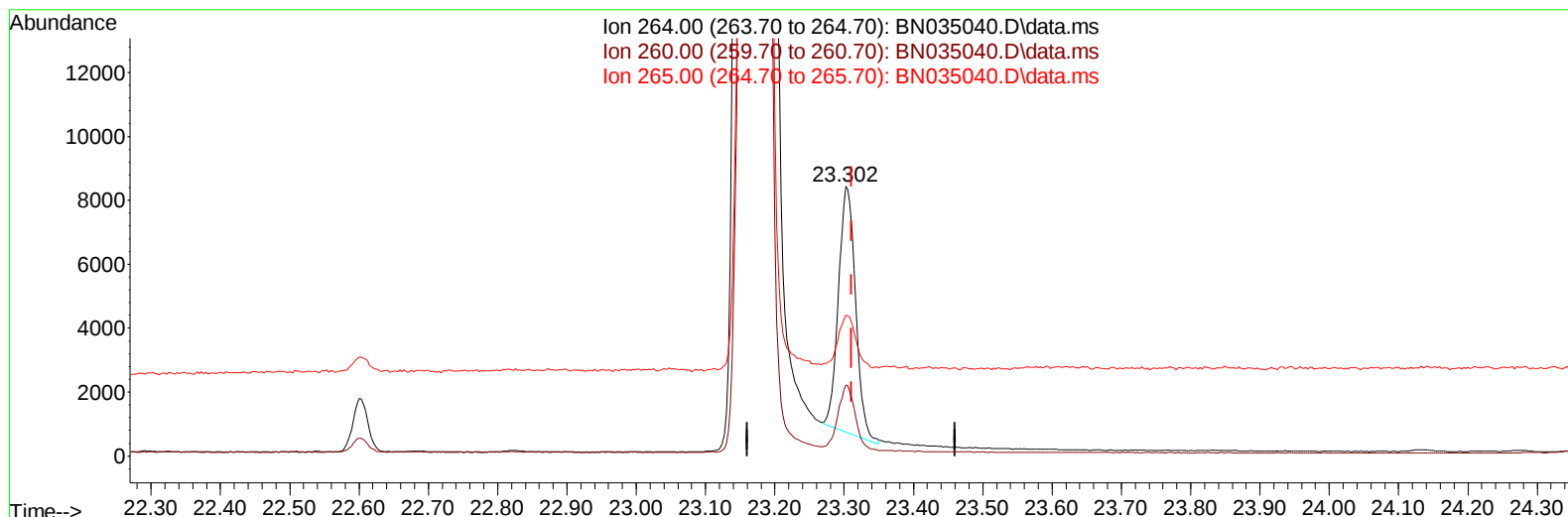
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111124\
Data File : BN035040.D
Acq On : 12 Nov 2024 17:37
Operator : RC/JU
Sample : P4714-17
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AJ3

Manual IntegrationsAPPROVED

Quant Time: Nov 12 21:56:16 2024
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Supervised By :mohammad ahmed 11/14/2024



TIC: BN035040.D\data.ms

(23) Perylene-d12 (I)

23.302min (-0.009) 0.40 ng/ul m

response 13116

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.40	26.29
265.00	52.80	52.21
0.00	0.00	0.00

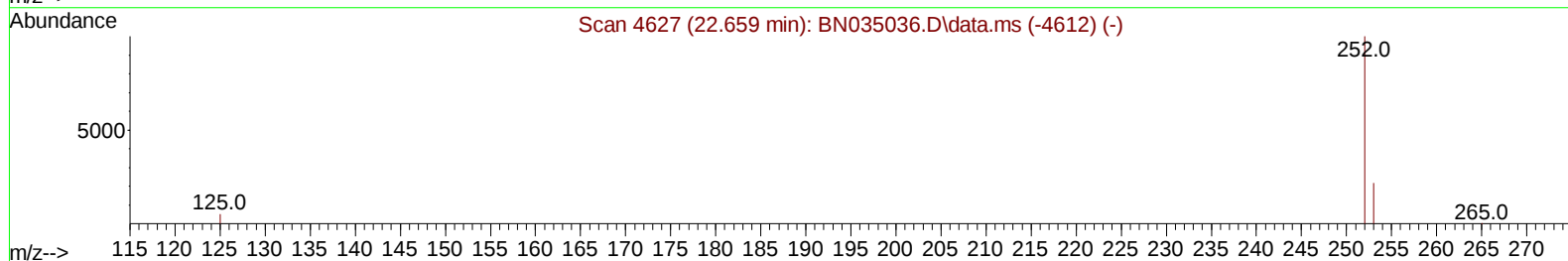
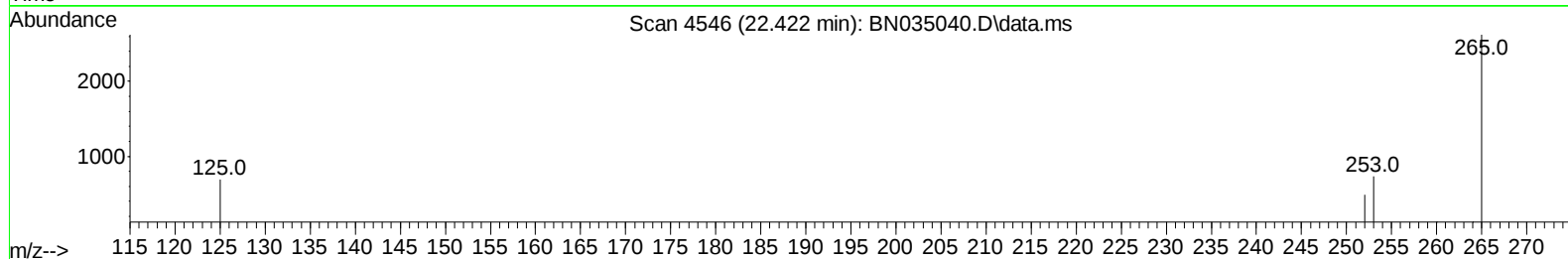
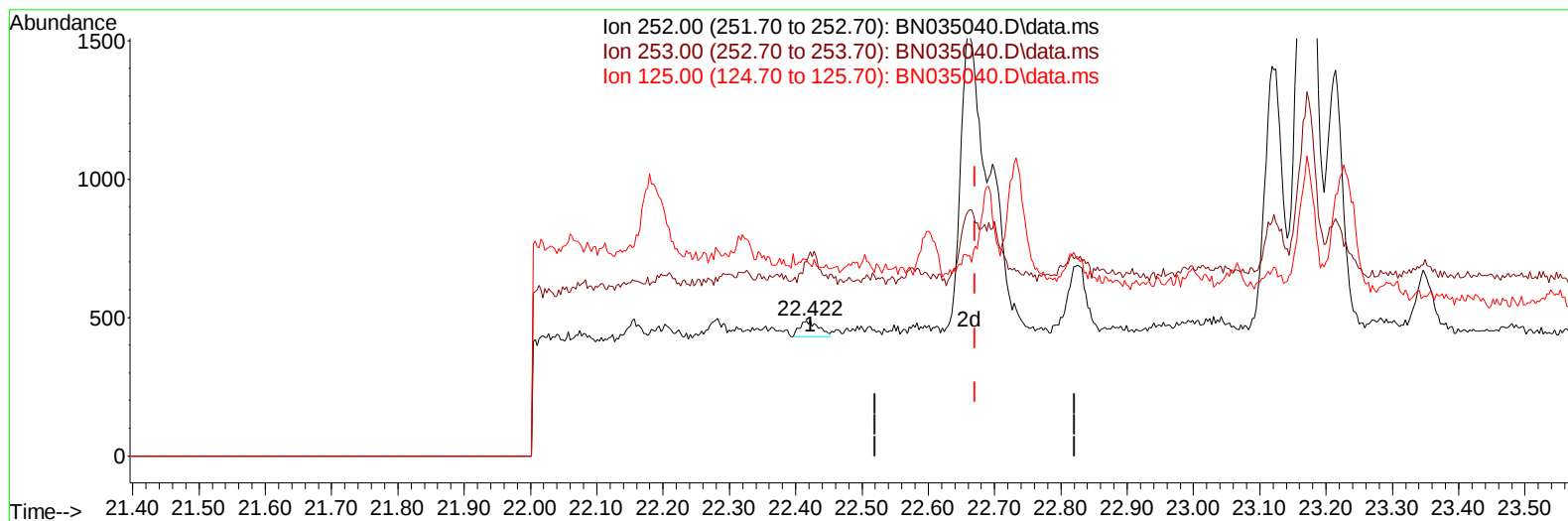
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111124\
Data File : BN035040.D
Acq On : 12 Nov 2024 17:37
Operator : RC/JU
Sample : P4714-17
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AJ3

Manual IntegrationsAPPROVED

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TIC: BN035040.D\data.ms

(24) Benzo(b)fluoranthene

22.422min (-0.248) 0.00 ng/u1

response 115

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.00	150.72#
125.00	7.00	141.31#
0.00	0.00	0.00

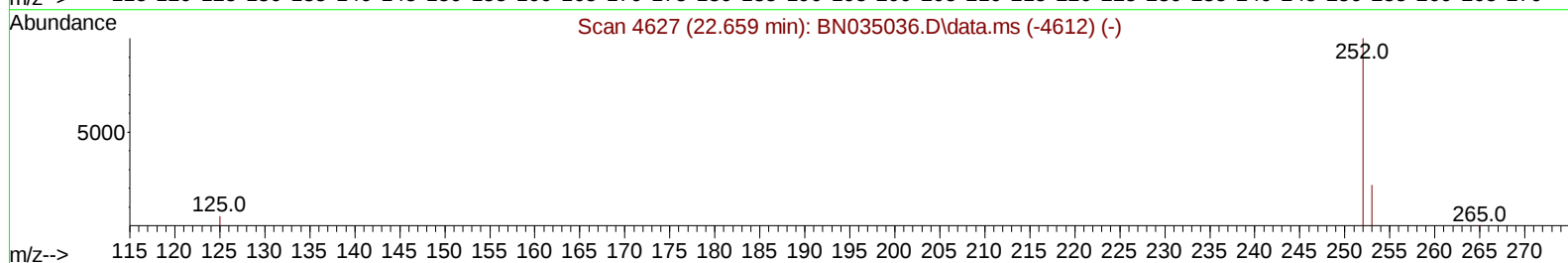
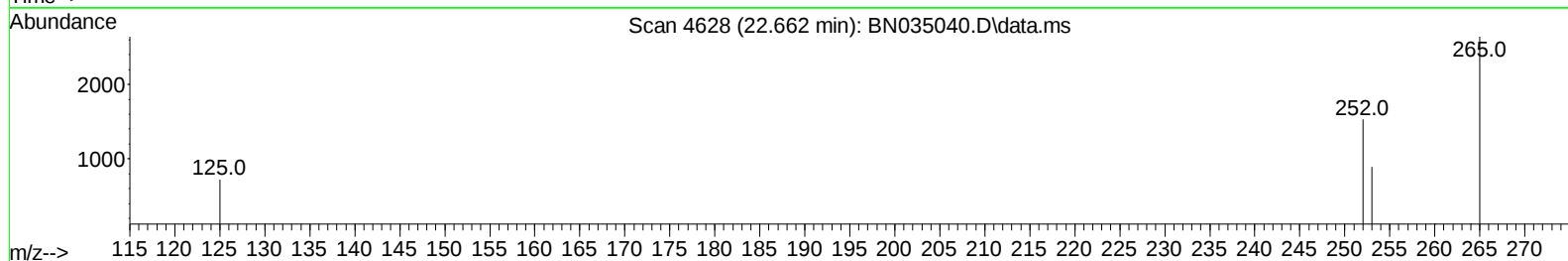
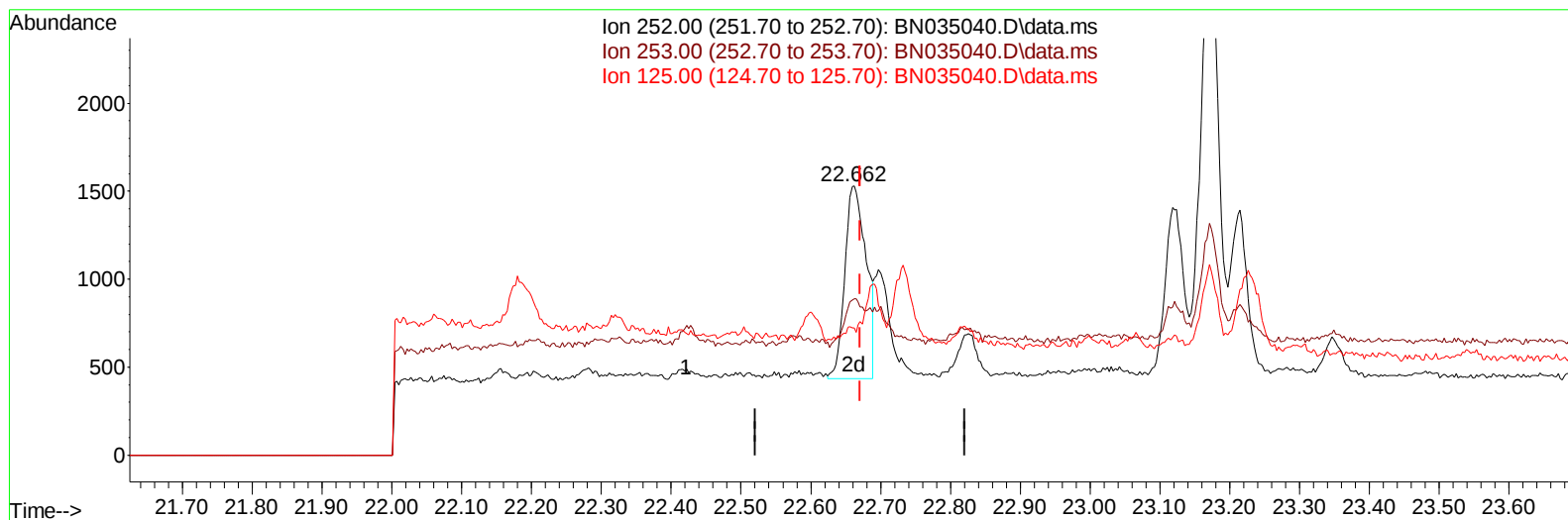
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111124\
Data File : BN035040.D
Acq On : 12 Nov 2024 17:37
Operator : RC/JU
Sample : P4714-17
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AJ3

Manual IntegrationsAPPROVED

Quant Time: Nov 12 21:56:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN110924.M
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Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/13/2024
Supervised By :mohammad ahmed 11/14/2024



TIC: BN035040.D\data.ms

(24) Benzo(b)fluoranthene

22.662min (-0.009) 0.05 ng/u1 m

response 2322

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.00	58.21#
125.00	7.00	47.35#
0.00	0.00	0.00

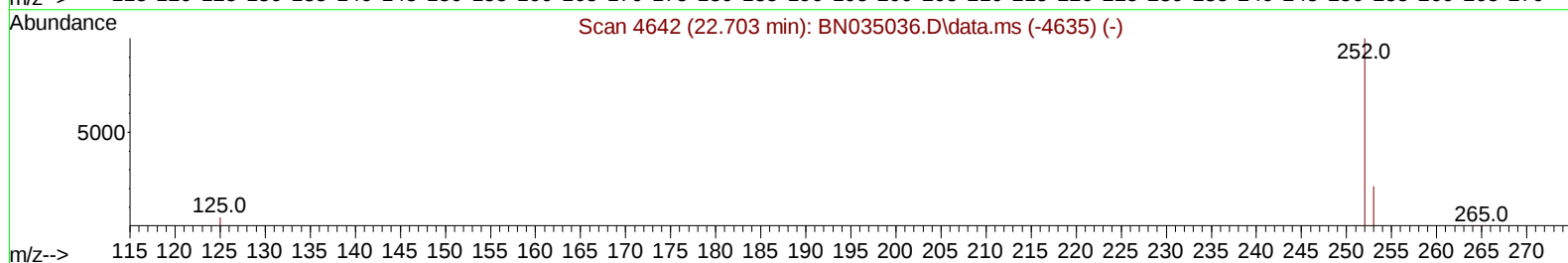
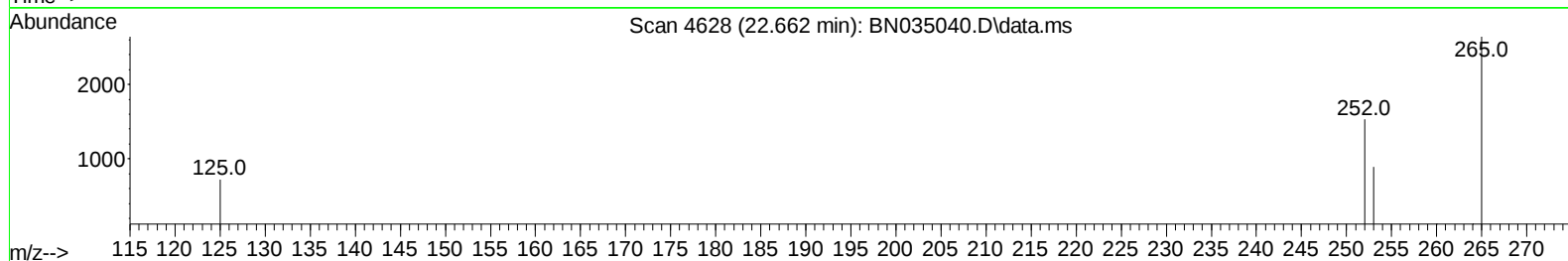
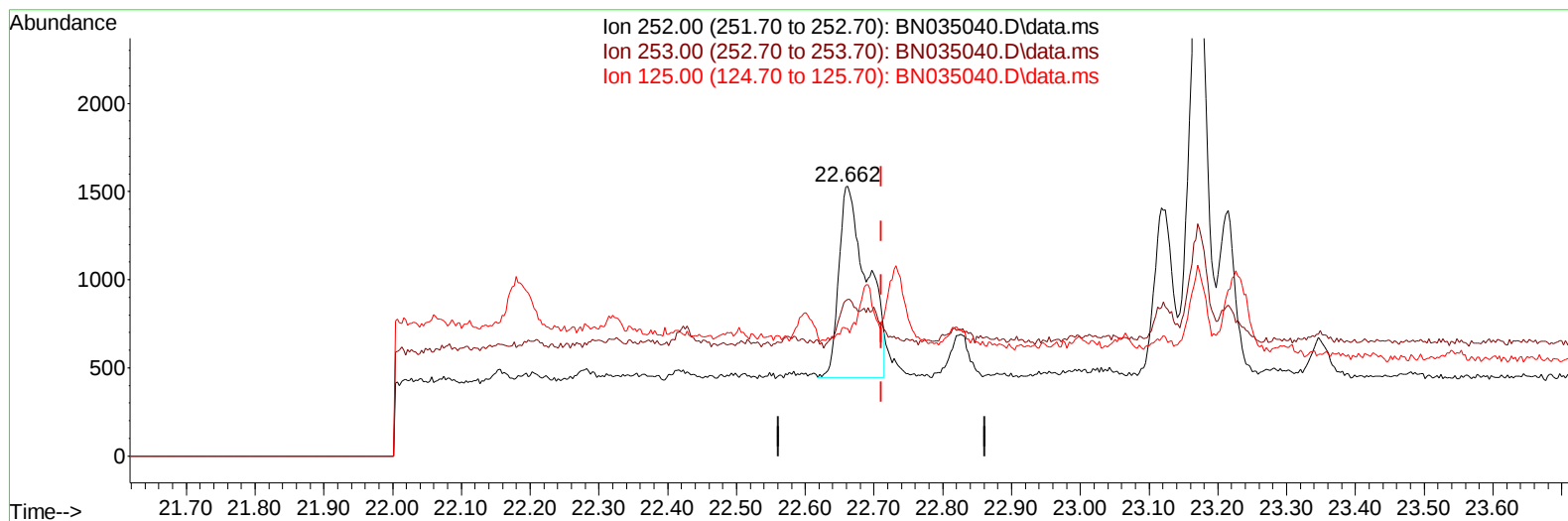
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111124\
Data File : BN035040.D
Acq On : 12 Nov 2024 17:37
Operator : RC/JU
Sample : P4714-17
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AJ3

Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 11/13/2024
Supervised By :mohammad ahmed 11/14/2024



TIC: BN035040.D\data.ms

(25) Benzo(k)fluoranthene

22.662min (-0.049) 0.06 ng/u1

response 3074

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.30	58.21#
125.00	7.30	47.35#
0.00	0.00	0.00

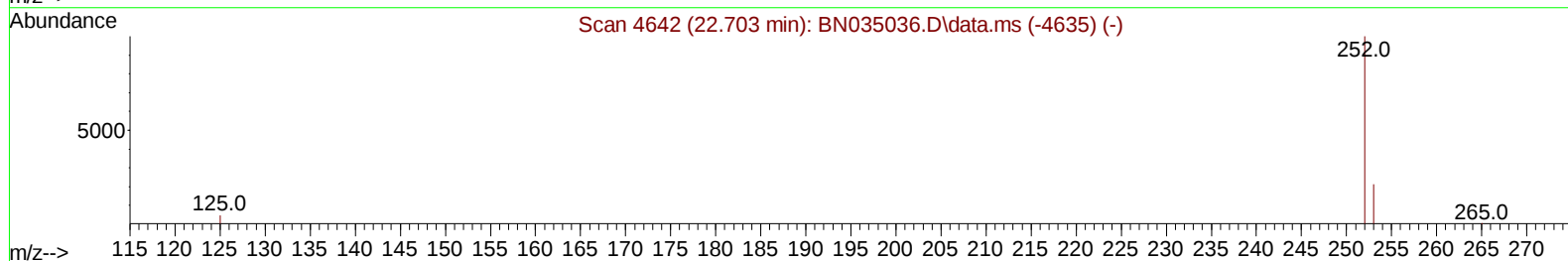
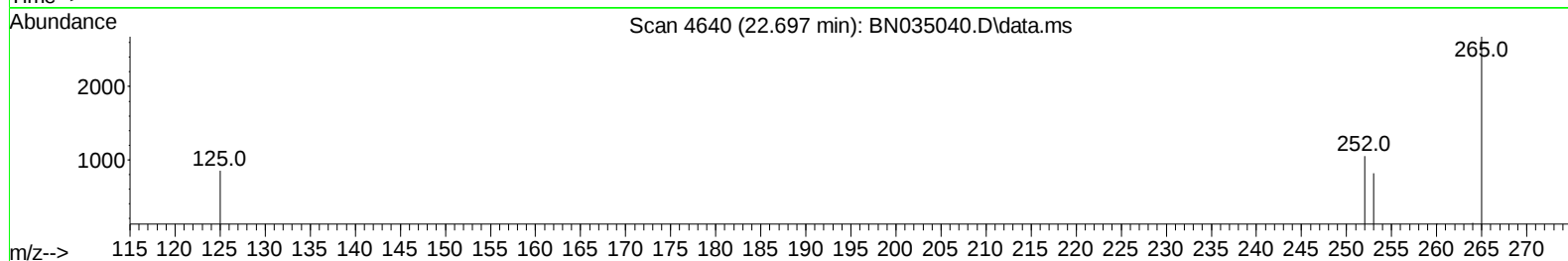
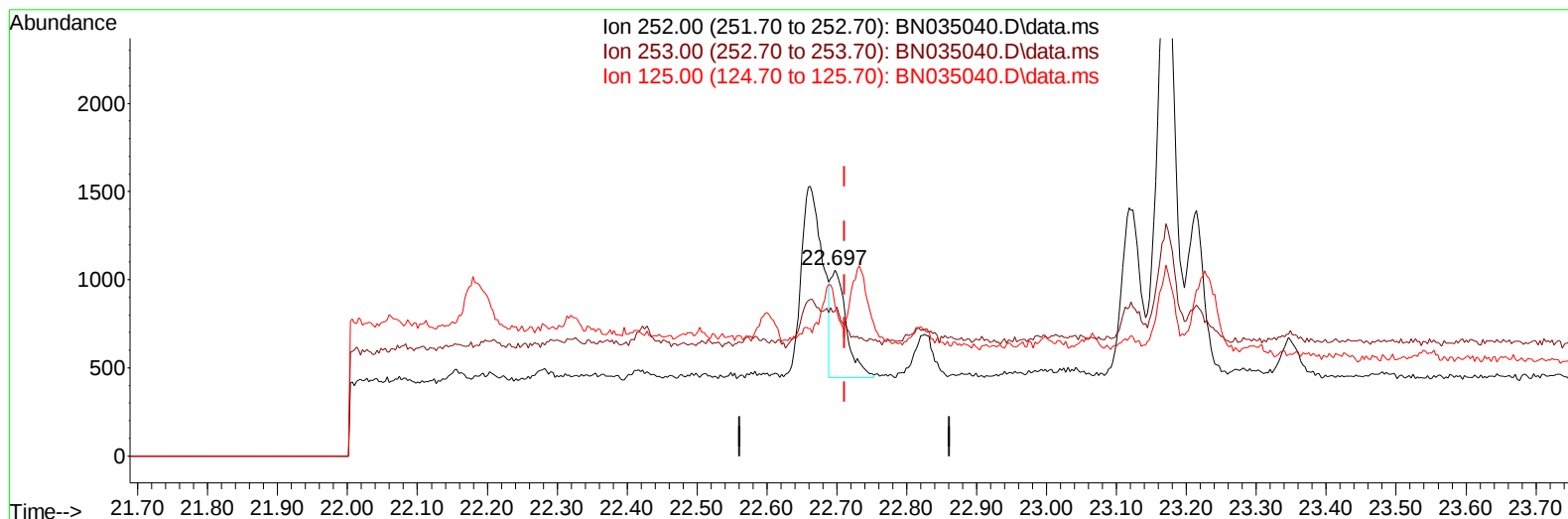
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111124\
Data File : BN035040.D
Acq On : 12 Nov 2024 17:37
Operator : RC/JU
Sample : P4714-17
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AJ3

Manual IntegrationsAPPROVED

Quant Time: Nov 12 21:56:16 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 : Sat Nov 09 00:09:12 2024
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Reviewed By :Yogesh Patel 11/13/2024
Supervised By :mohammad ahmed 11/14/2024



TIC: BN035040.D\data.ms

(25) Benzo(k)fluoranthene

22.697min (-0.014) 0.02 ng/u1 m

response 950

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	25.30	77.73#
125.00	7.30	80.95#
0.00	0.00	0.00

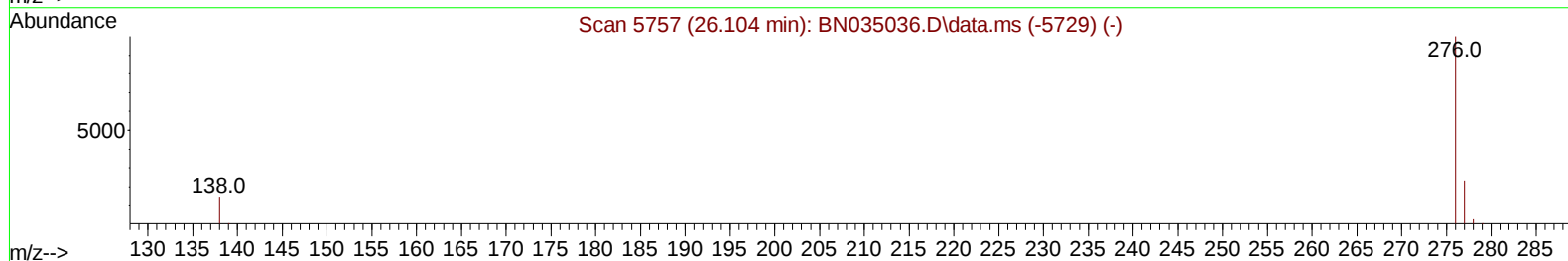
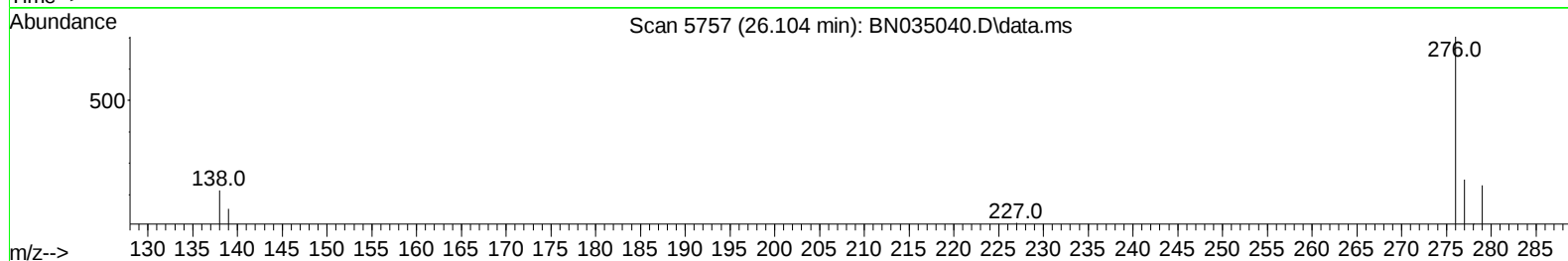
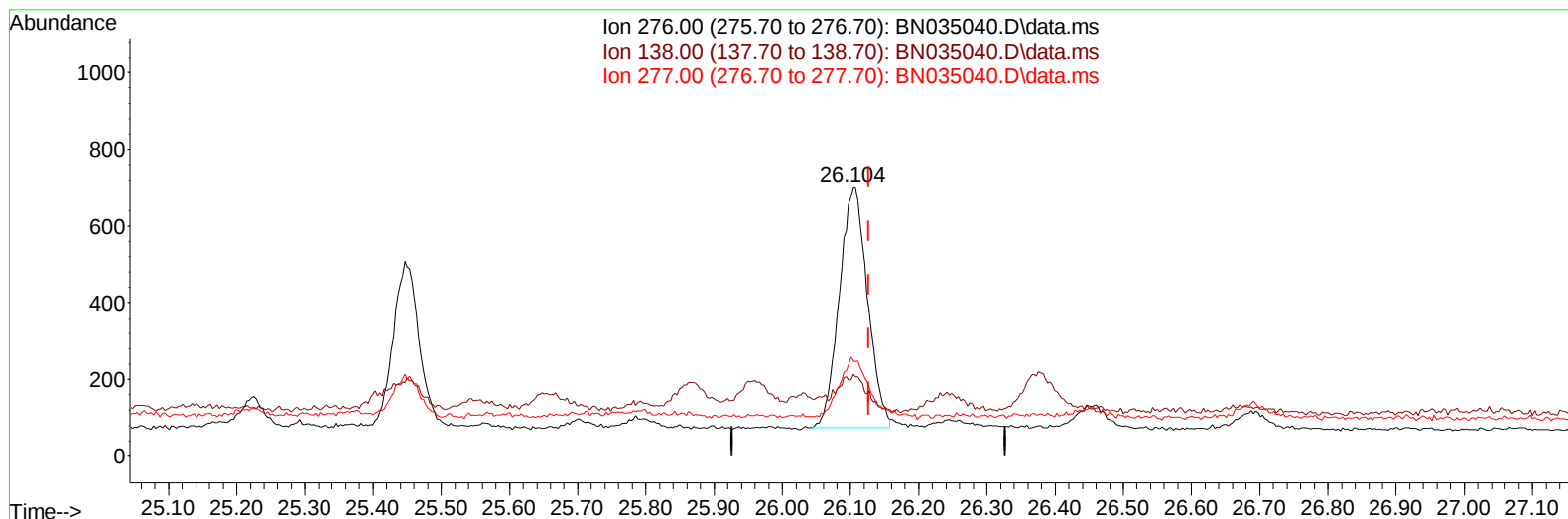
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111124\
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ALS Vial : 59 Sample Multiplier: 1

Instrument :
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TIC: BN035040.D\data.ms

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

26.104min (-0.023) 0.05 ng/u1

response 1792

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	12.90	30.44#
277.00	25.20	35.28#
0.00	0.00	0.00

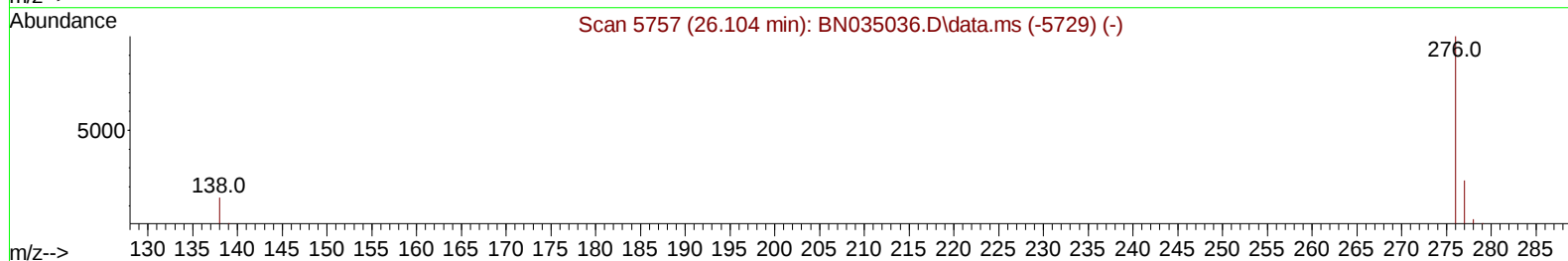
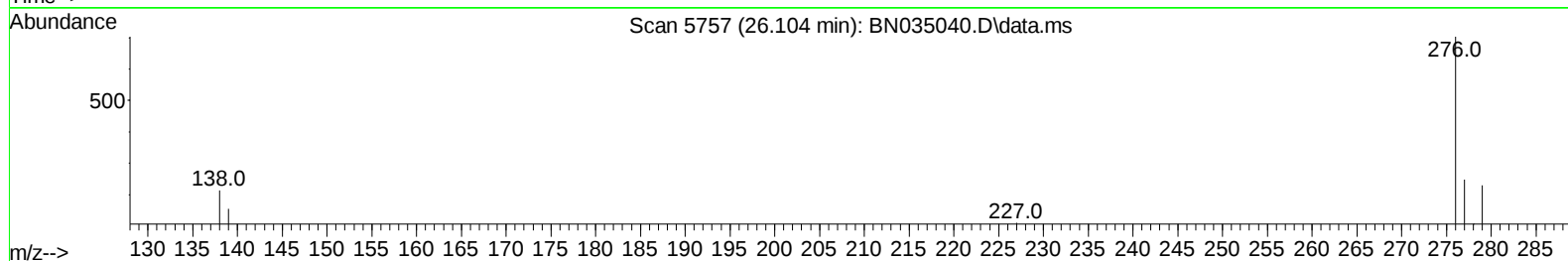
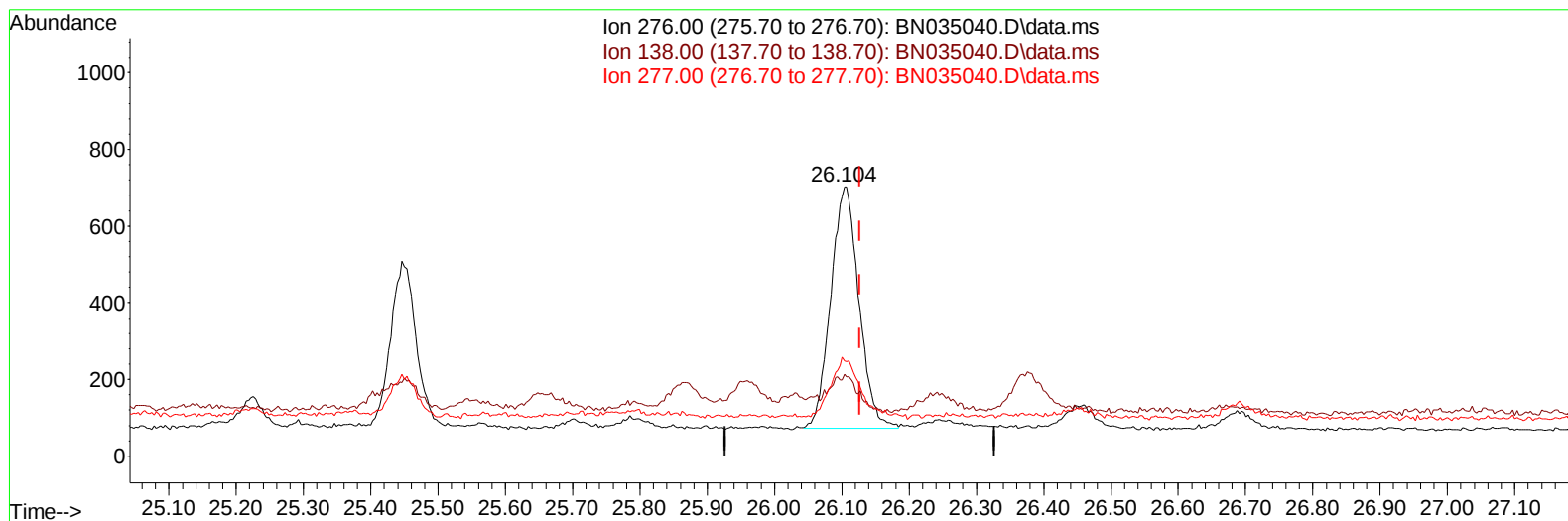
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111124\
Data File : BN035040.D
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Operator : RC/JU
Sample : P4714-17
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
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TIC: BN035040.D\data.ms

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

26.104min (-0.023) 0.05 ng/ul m

response 1827

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	12.90	30.44#
277.00	25.20	35.28#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111124\
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 ALS Vial : 59 Sample Multiplier: 1

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

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.558	152		2990	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.323	136		7495	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.194	164		5466	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.945	188		12792m	0.400	ng/ul	0.00
17) Chrysene-d12	21.140	240		12624	0.400	ng/ul	# 0.00
23) Perylene-d12	23.302	264		13116m	0.400	ng/ul	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.149	96		13170	4.629	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.917	152		3799	0.331	ng/ul	-0.02
18) Fluoranthene-d10	18.977	212		15165	0.468	ng/ul	0.00
Target Compounds							
						Qvalue	
11) Acenaphthene	14.259	153		630	0.037	ng/ul	96
12) Fluorene	15.249	166		2207	0.102	ng/ul#	80
14) Pentachlorophenol	16.599	266		66	0.022	ng/ul#	82
15) Phenanthrene	16.983	178		3126	0.091	ng/ul#	87
16) Anthracene	17.076	178		1442	0.045	ng/ul#	75
19) Fluoranthene	19.009	202		3718	0.088	ng/ul#	83
20) Pyrene	19.372	202		4596	0.105	ng/ul#	85
21) Benzo(a)anthracene	21.122	228		1700	0.037	ng/ul#	77
22) Chrysene	21.175	228		2431	0.052	ng/ul#	76
24) Benzo(b)fluoranthene	22.662	252		2322m	0.050	ng/ul	
29) Benzo(g,h,i)perylene	26.104	276		1827m	0.047	ng/ul	

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

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Instrument :
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Manual IntegrationsAPPROVED

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