

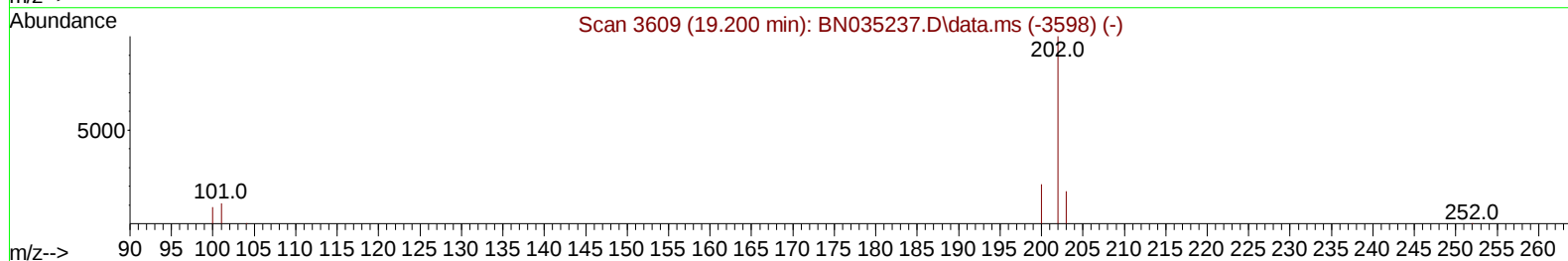
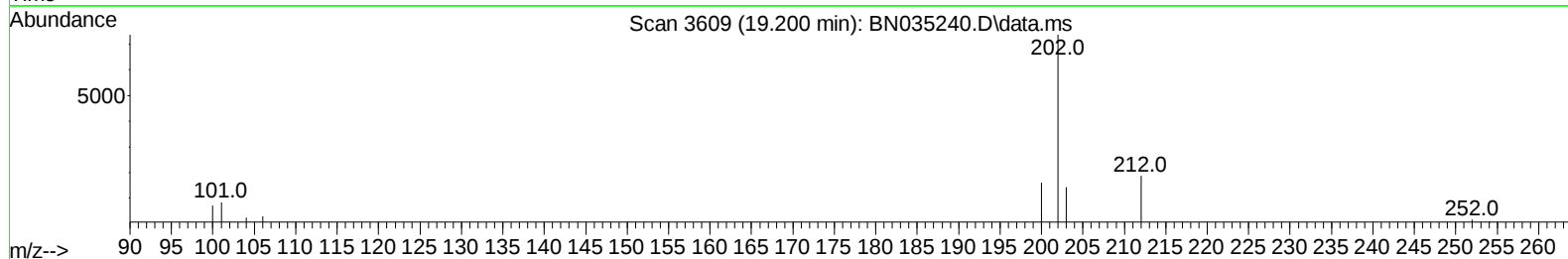
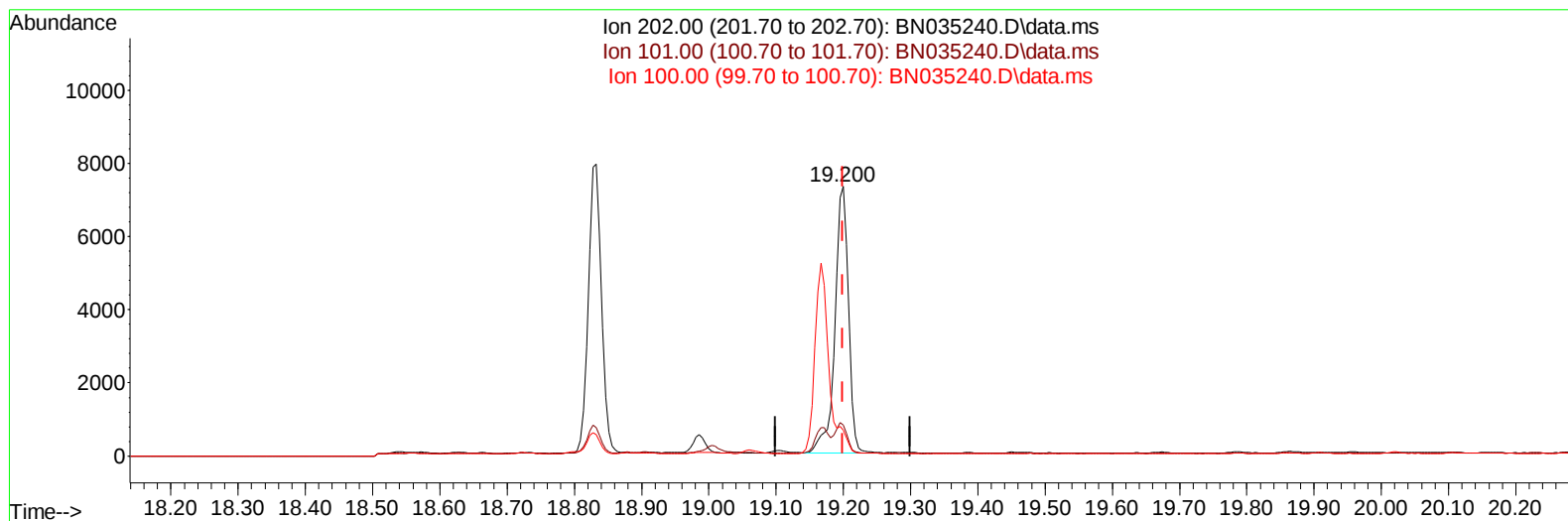
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112224\
Data File : BN035240.D
Acq On : 22 Nov 2024 13:53
Operator : RC/JU
Sample : P4872-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E29X2

Manual IntegrationsAPPROVED

Quant Time: Nov 22 14:40:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 22 12:45:23 2024
Response via : Initial Calibration

Reviewed By :Jagrut Upadhyay 11/26/2024
Supervised By :mohammad ahmed 11/27/2024



TIC: BN035240.D\data.ms

(20) Pyrene

19.200min (-0.000) 0.35 ng/u1

response 10220

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	7.80	11.40#
100.00	6.40	9.50#
0.00	0.00	0.00

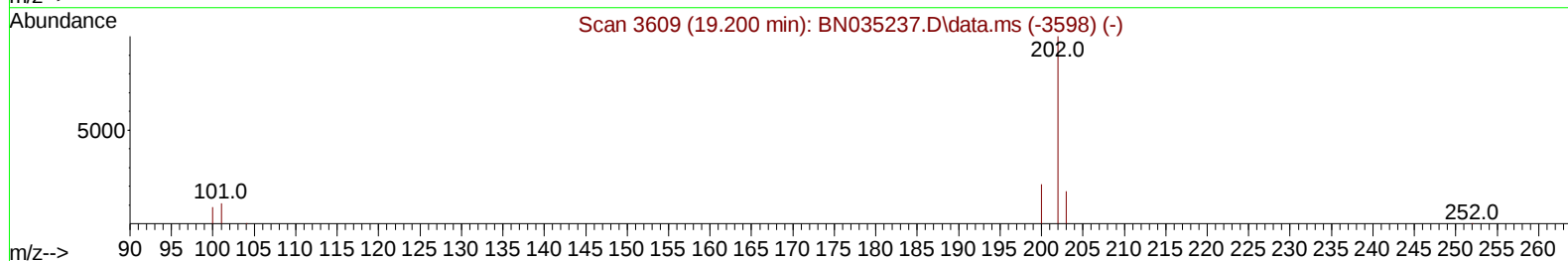
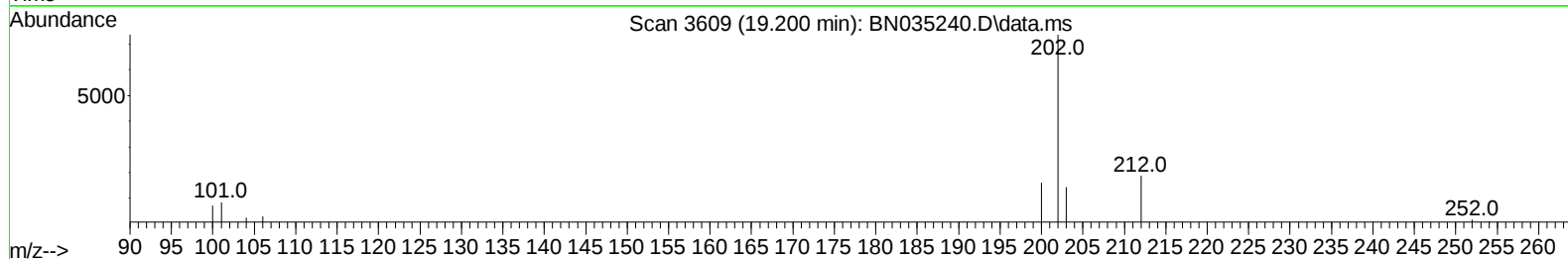
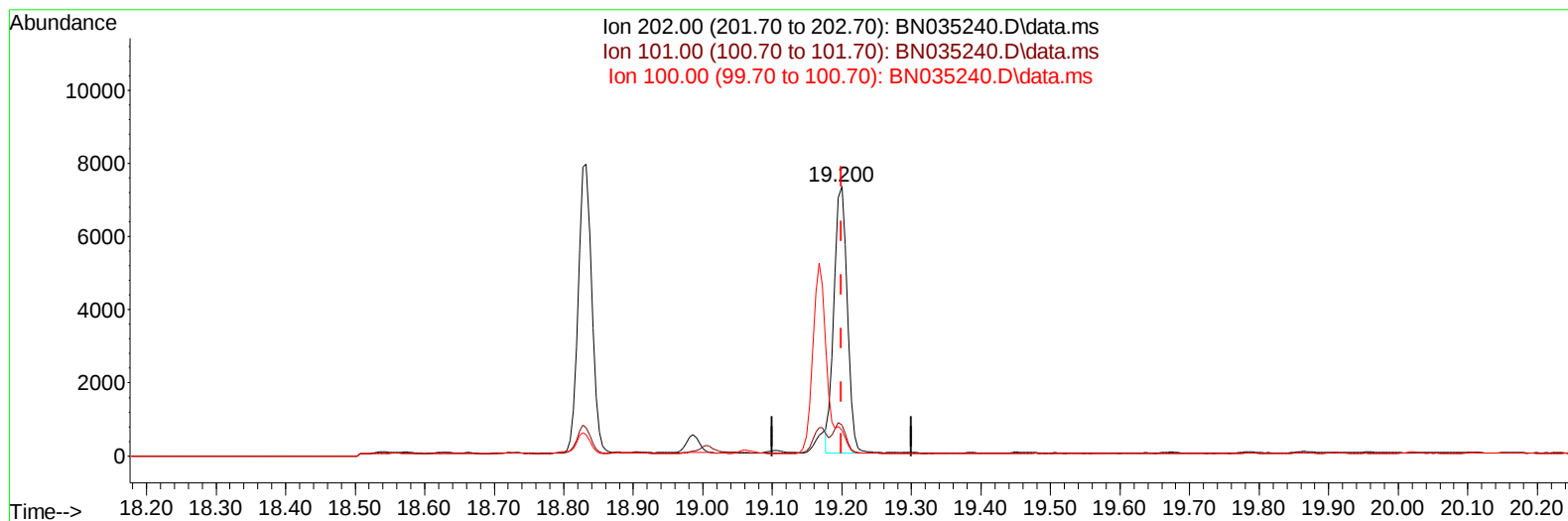
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112224\
Data File : BN035240.D
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Sample : P4872-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E29X2

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TIC: BN035240.D\data.ms

(20) Pyrene

19.200min (-0.000) 0.33 ng/u1 m

response 9575

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	7.80	11.40#
100.00	6.40	9.50#
0.00	0.00	0.00

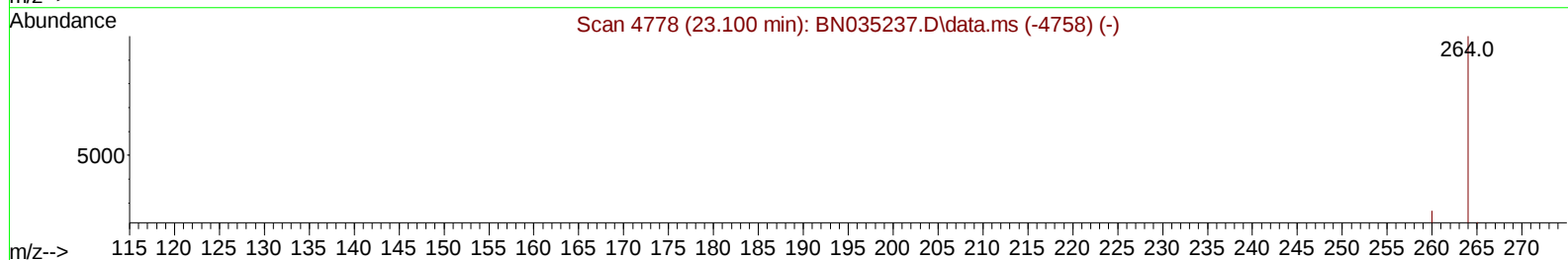
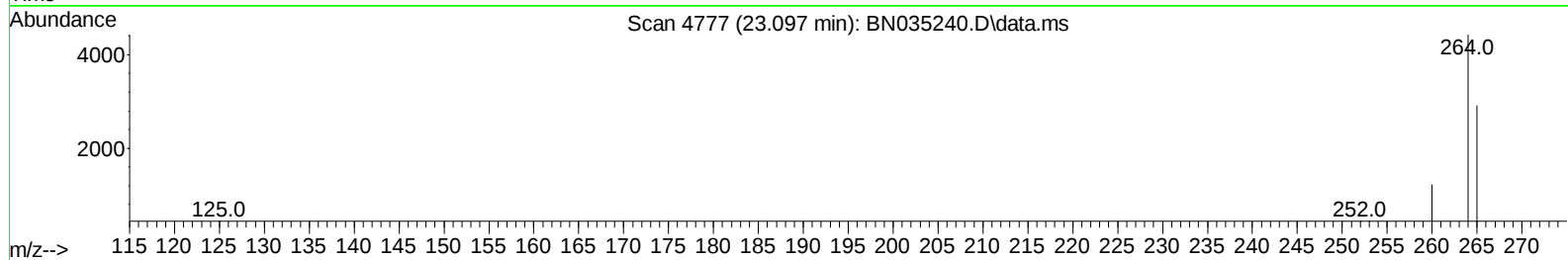
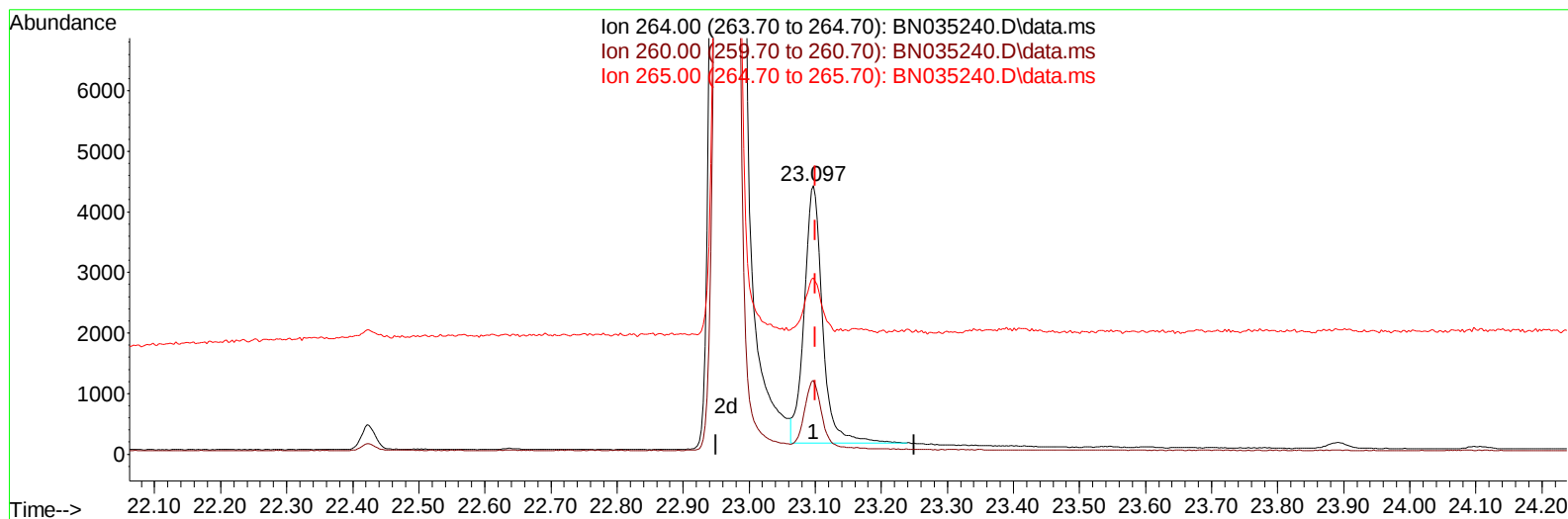
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112224\
Data File : BN035240.D
Acq On : 22 Nov 2024 13:53
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ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BN035240.D\data.ms

(23) Perylene-d12 (I)

23.097min (-0.003) 0.40 ng/u1

response 8347

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.20	27.56
265.00	75.50	65.76
0.00	0.00	0.00

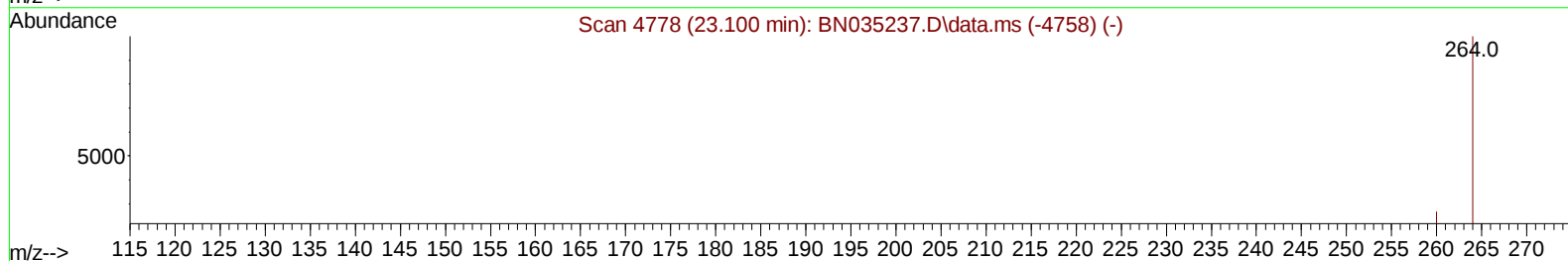
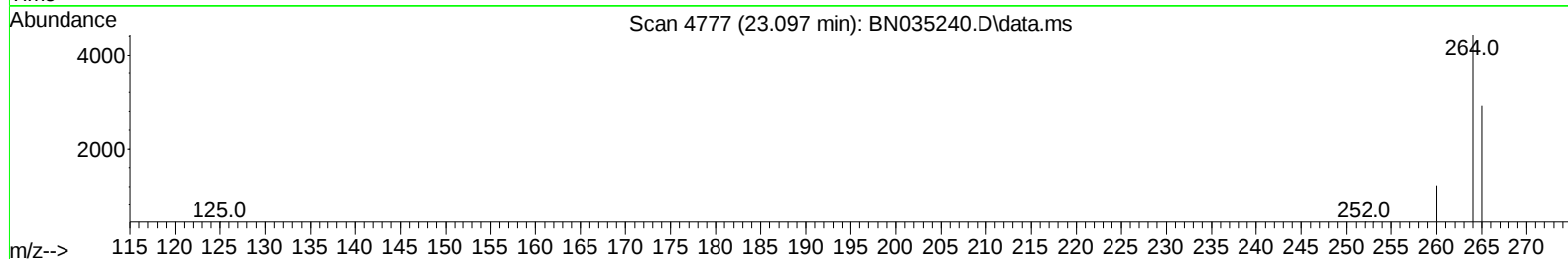
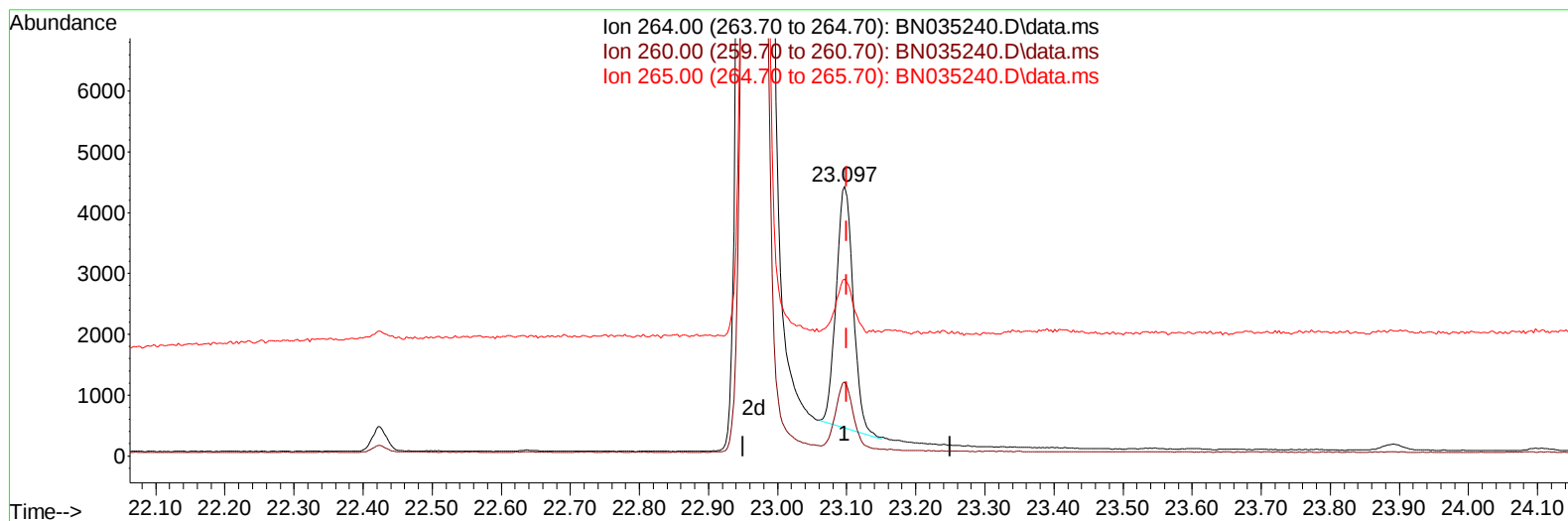
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112224\
Data File : BN035240.D
Acq On : 22 Nov 2024 13:53
Operator : RC/JU
Sample : P4872-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E29X2

Manual IntegrationsAPPROVED

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TIC: BN035240.D\data.ms

(23) Perylene-d12 (I)

23.097min (-0.003) 0.40 ng/ul m

response 6813

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.20	27.56
265.00	75.50	65.76
0.00	0.00	0.00

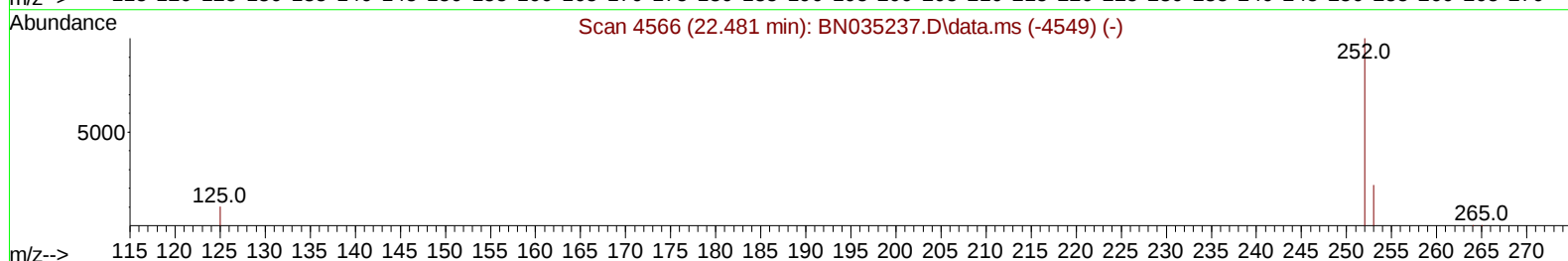
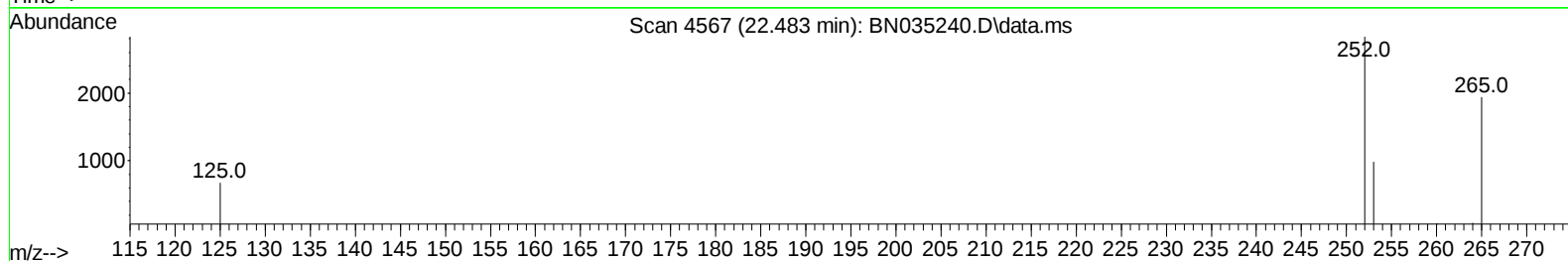
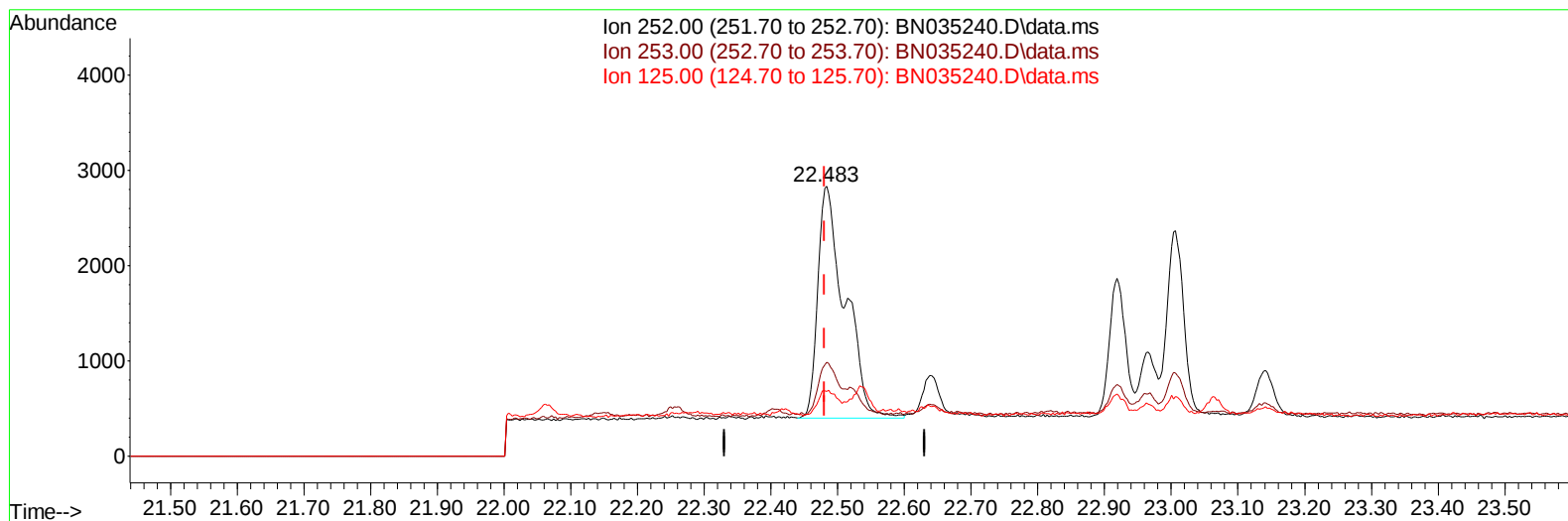
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112224\
Data File : BN035240.D
Acq On : 22 Nov 2024 13:53
Operator : RC/JU
Sample : P4872-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E29X2

Manual IntegrationsAPPROVED

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TIC: BN035240.D\data.ms

(24) Benzo(b)fluoranthene

22.483min (+ 0.003) 0.30 ng/u1

response 6839

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	34.81
125.00	9.70	23.99#
0.00	0.00	0.00

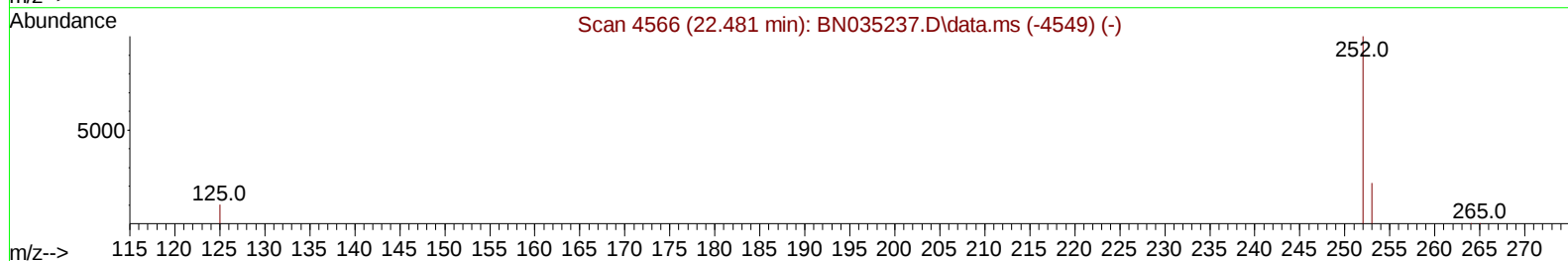
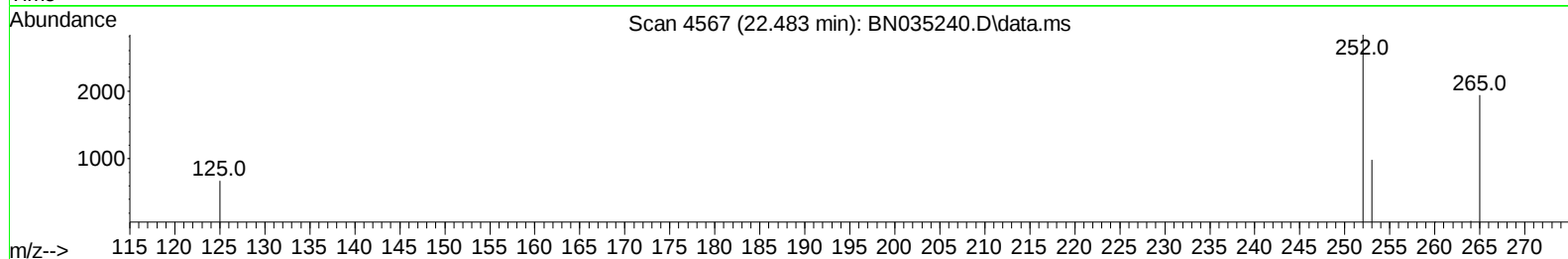
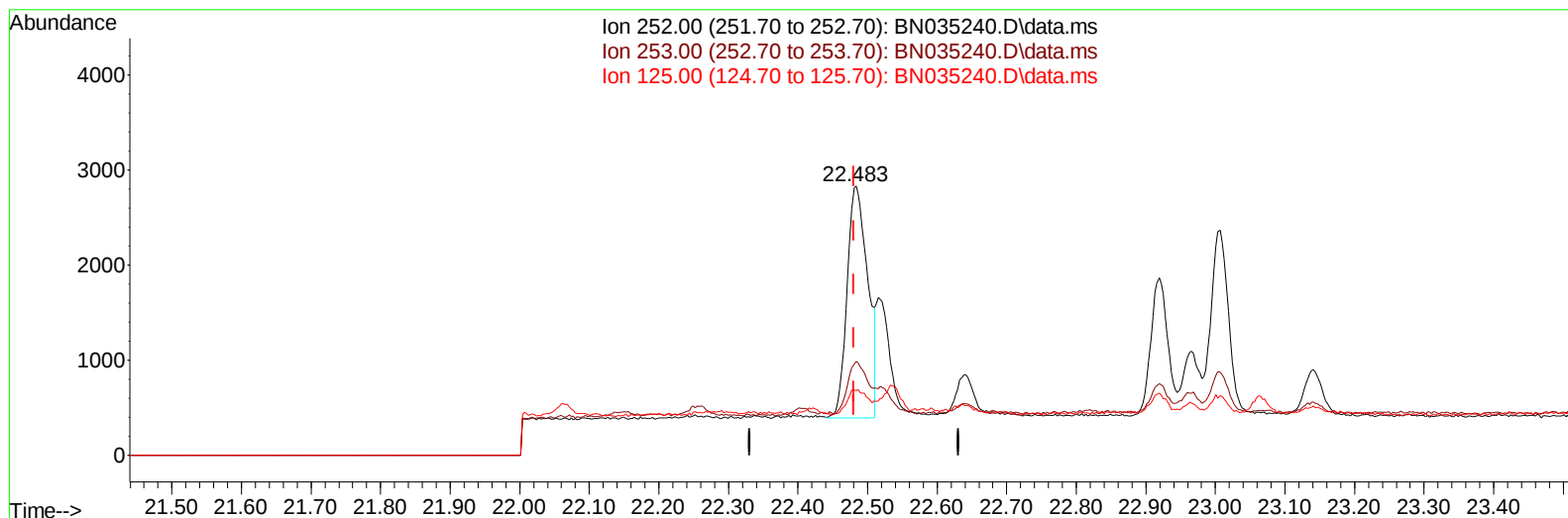
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112224\
Data File : BN035240.D
Acq On : 22 Nov 2024 13:53
Operator : RC/JU
Sample : P4872-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E29X2

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 11/26/2024
Supervised By :mohammad ahmed 11/27/2024

Quant Time: Nov 22 14:40:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 22 12:45:23 2024
Response via : Initial Calibration



TIC: BN035240.D\data.ms

(24) Benzo(b)fluoranthene

22.483min (+ 0.003) 0.22 ng/u1 m

response 5035

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	34.81
125.00	9.70	23.99#
0.00	0.00	0.00

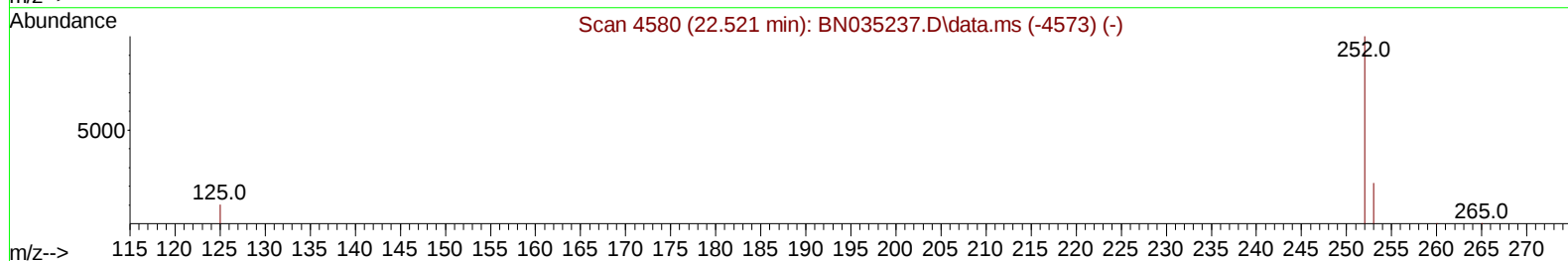
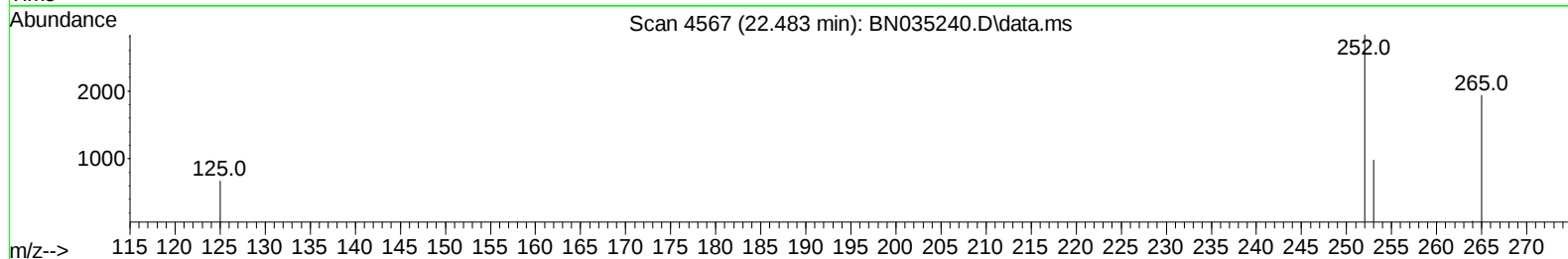
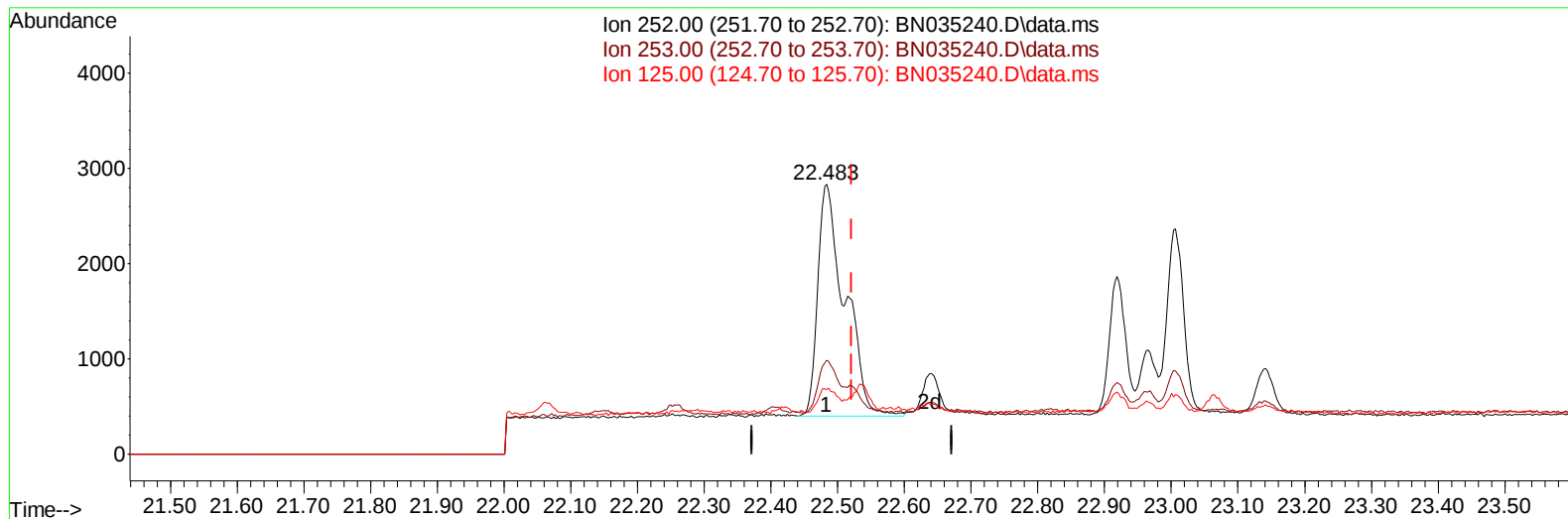
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Data File : BN035240.D
Acq On : 22 Nov 2024 13:53
Operator : RC/JU
Sample : P4872-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E29X2

Manual IntegrationsAPPROVED

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TIC: BN035240.D\data.ms

(25) Benzo(k)fluoranthene

22.483min (-0.038) 0.29 ng/u1

response 6839

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.20	34.81#
125.00	10.70	23.99#
0.00	0.00	0.00

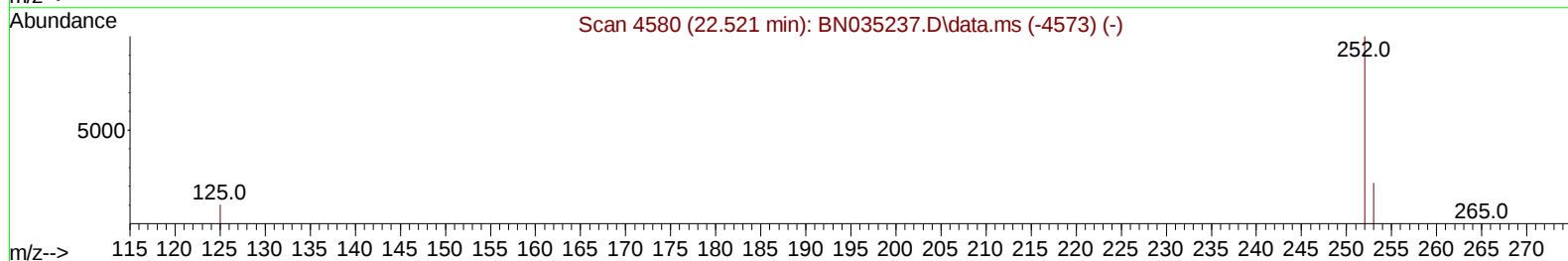
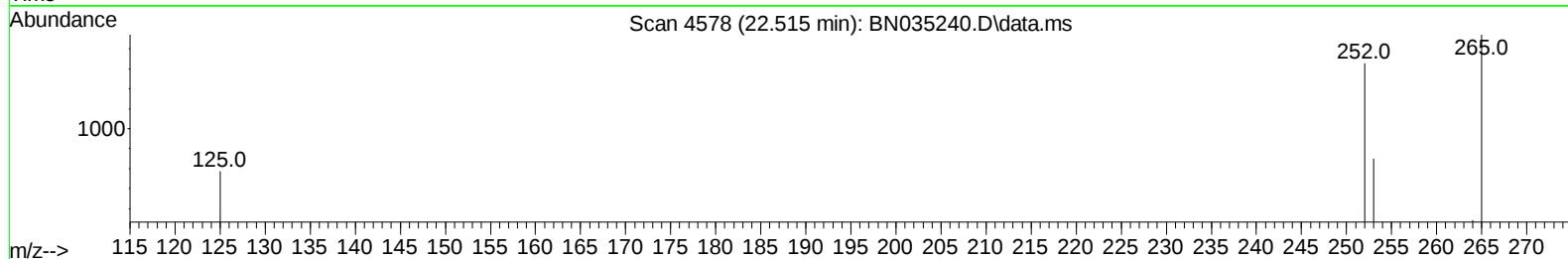
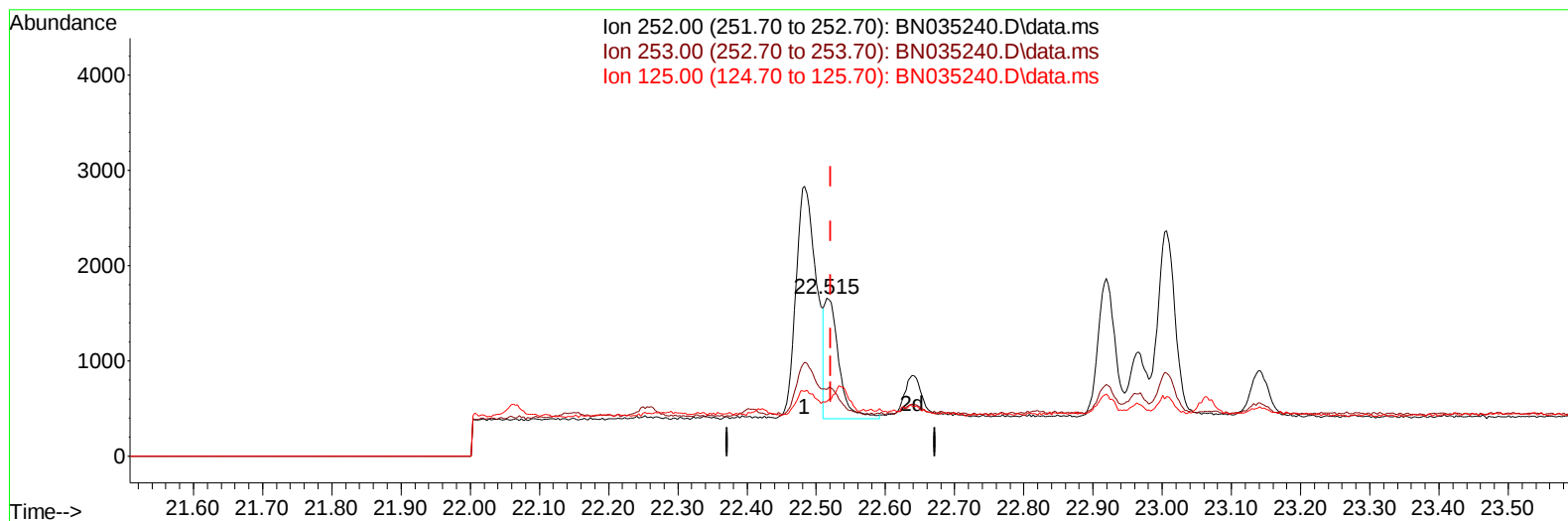
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Data File : BN035240.D
Acq On : 22 Nov 2024 13:53
Operator : RC/JU
Sample : P4872-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E29X2

Manual IntegrationsAPPROVED

Quant Time: Nov 22 14:40:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
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TIC: BN035240.D\data.ms

(25) Benzo(k)fluoranthene

22.515min (-0.006) 0.08 ng/u1 m

response 1832

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.20	42.27#
125.00	10.70	34.60#
0.00	0.00	0.00

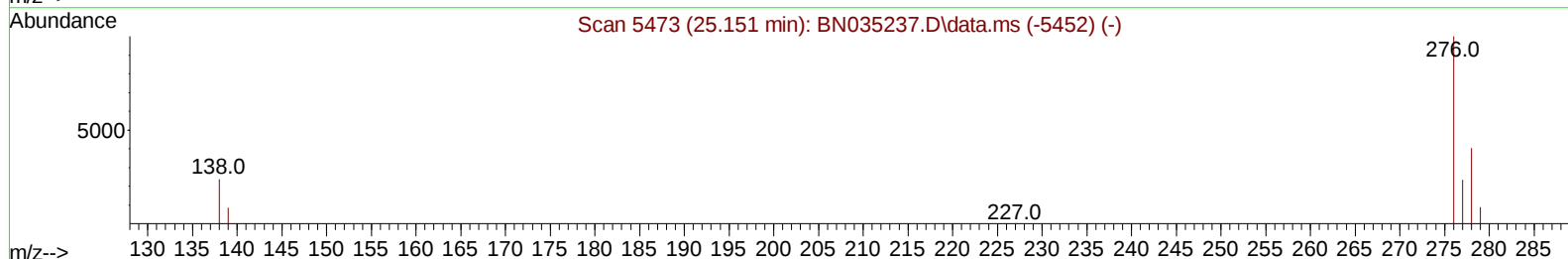
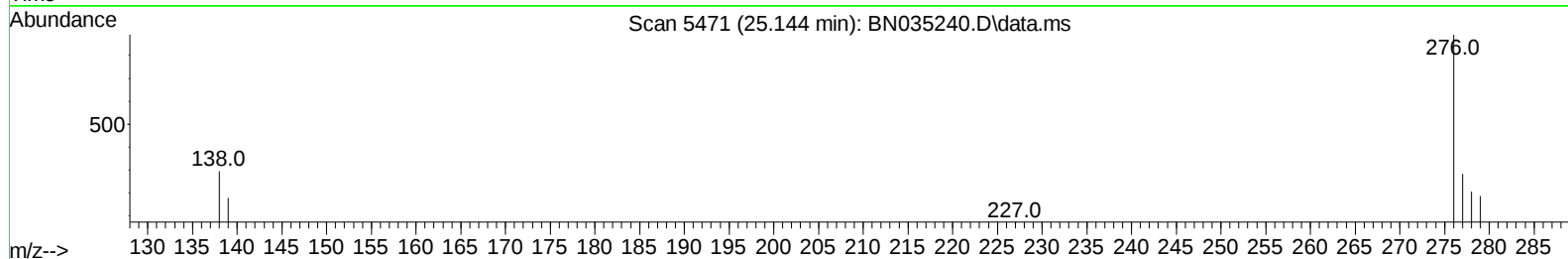
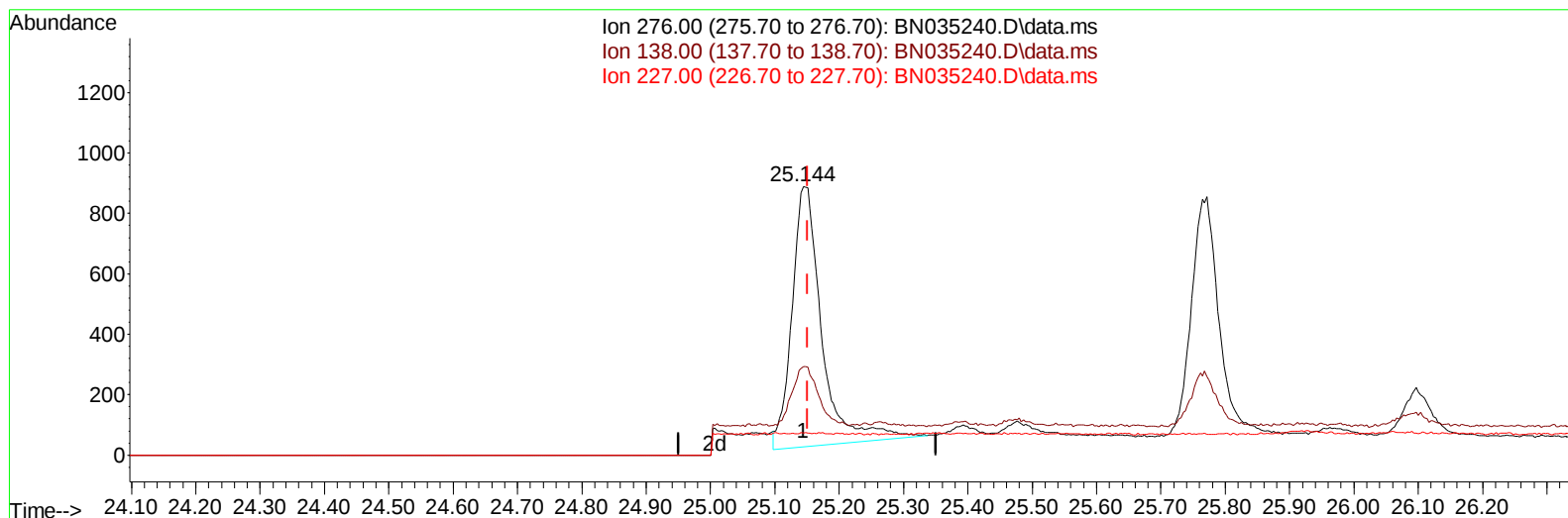
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 Sample : P4872-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
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TIC: BN035240.D\data.ms

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

25.144min (-0.007) 0.10 ng/u1

response 2761

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.30	37.99#
227.00	0.30	0.00#
0.00	0.00	0.00

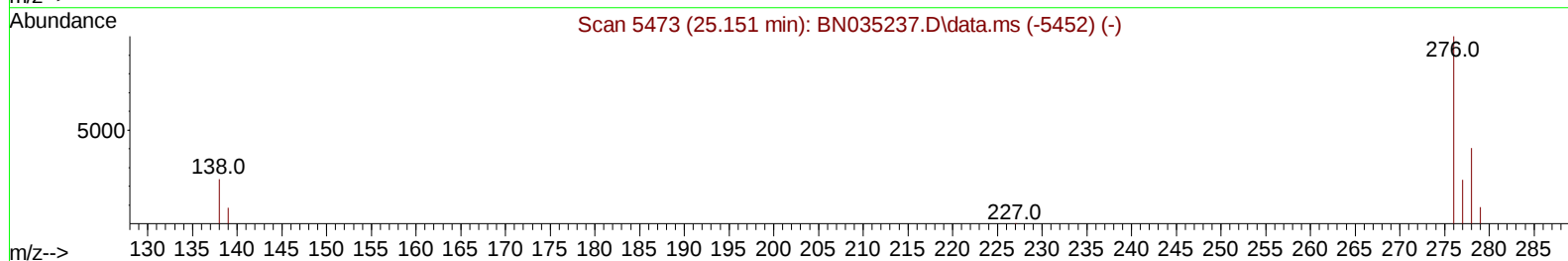
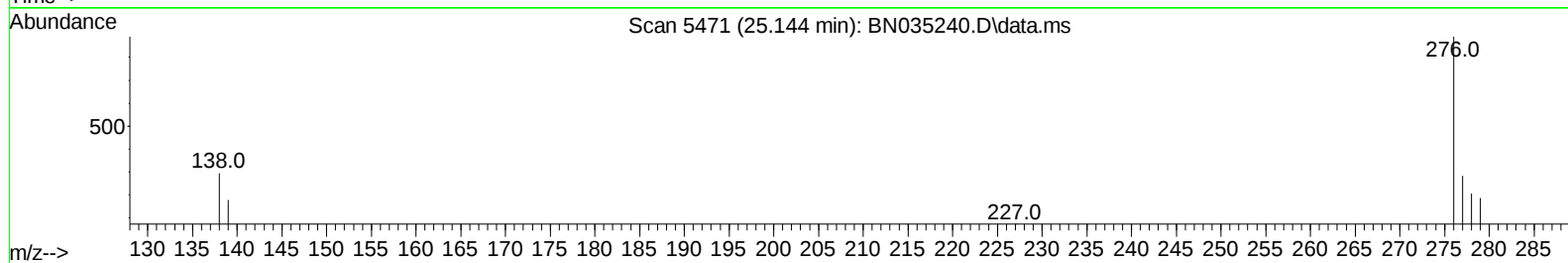
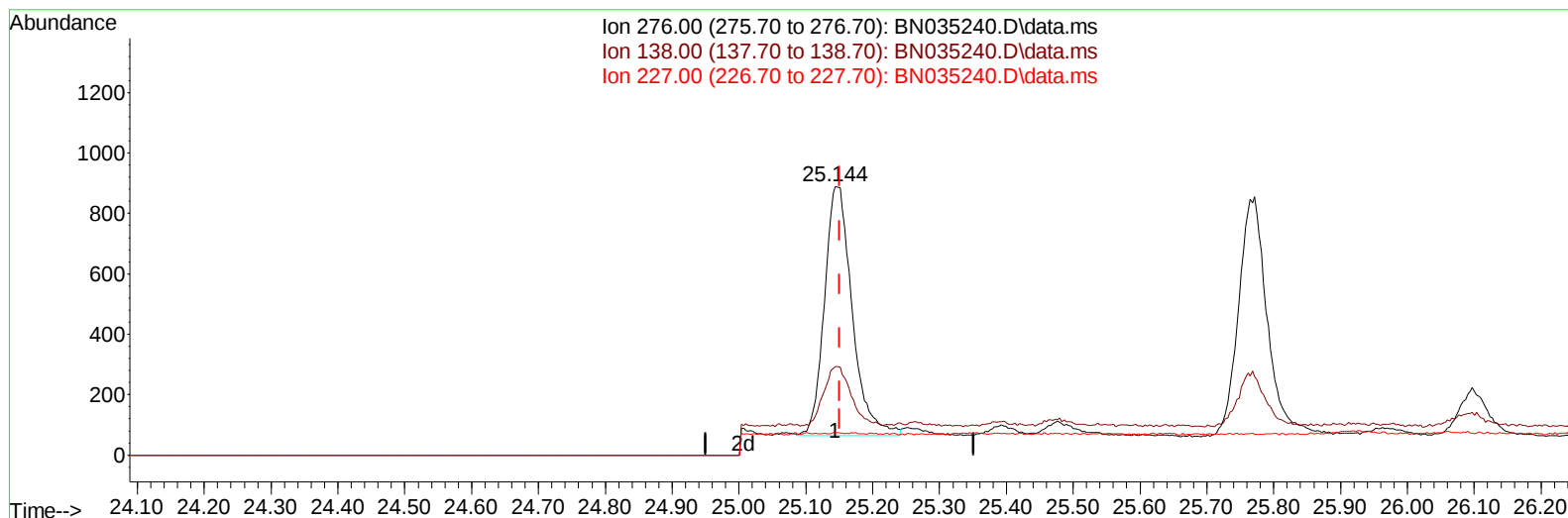
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Data File : BN035240.D
Acq On : 22 Nov 2024 13:53
Operator : RC/JU
Sample : P4872-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BN035240.D\data.ms

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

25.144min (-0.007) 0.09 ng/u1 m

response 2383

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.30	44.02#
227.00	0.30	0.00#
0.00	0.00	0.00

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 Data File : BN035240.D
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 Operator : RC/JU
 Sample : P4872-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E29X2

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

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.318	152		3340	0.400	ng/ul	0.00
4) Naphthalene-d8	10.069	136		8860	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.981	164		5573	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.747	188		12058	0.400	ng/ul	# 0.00
17) Chrysene-d12	20.993	240		8027	0.400	ng/ul	# 0.00
23) Perylene-d12	23.097	264		6813m	0.400	ng/ul	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	2.972	96		7395	2.422	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.675	152		1838	0.142	ng/ul	0.00
18) Fluoranthene-d10	18.800	212		4585	0.207	ng/ul	0.00
Target Compounds							
						Qvalue	
10) Acenaphthylene	13.694	152		1105	0.050	ng/ul#	85
15) Phenanthrene	16.789	178		4655	0.146	ng/ul	97
16) Anthracene	16.882	178		967	0.033	ng/ul#	83
19) Fluoranthene	18.832	202		10523	0.377	ng/ul#	94
20) Pyrene	19.200	202		9575m	0.329	ng/ul	
21) Benzo(a)anthracene	20.976	228		3523	0.126	ng/ul#	89
22) Chrysene	21.028	228		4093	0.146	ng/ul	94
24) Benzo(b)fluoranthene	22.483	252		5035m	0.224	ng/ul	
25) Benzo(k)fluoranthene	22.515	252		1832m	0.079	ng/ul	
26) Benzo(a)pyrene	23.007	252		3383	0.164	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	25.144	276		2383m	0.086	ng/ul	
29) Benzo(g,h,i)perylene	25.772	276		2403	0.110	ng/ul#	81

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

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