

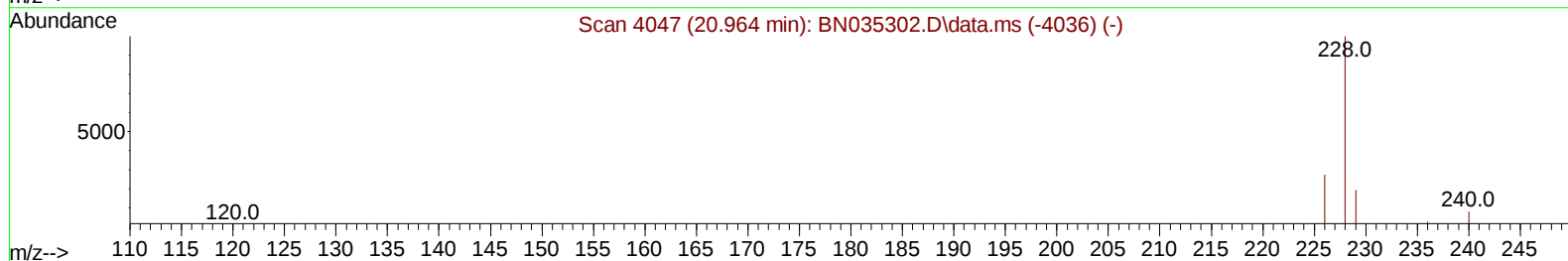
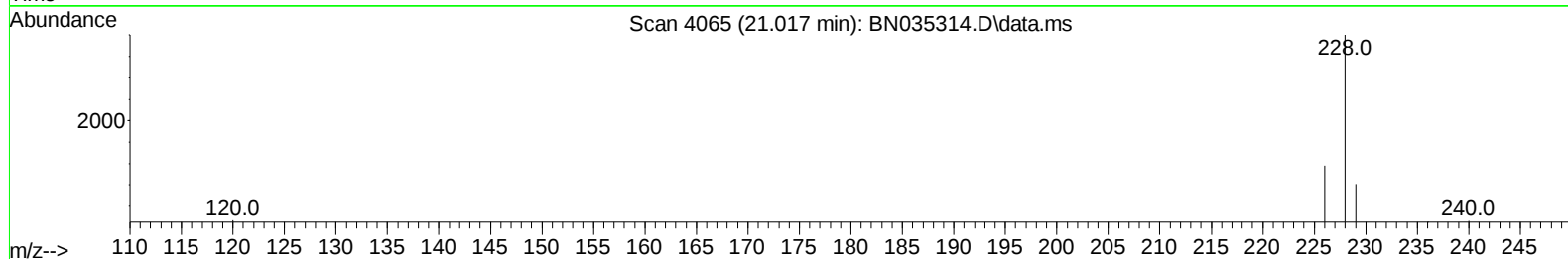
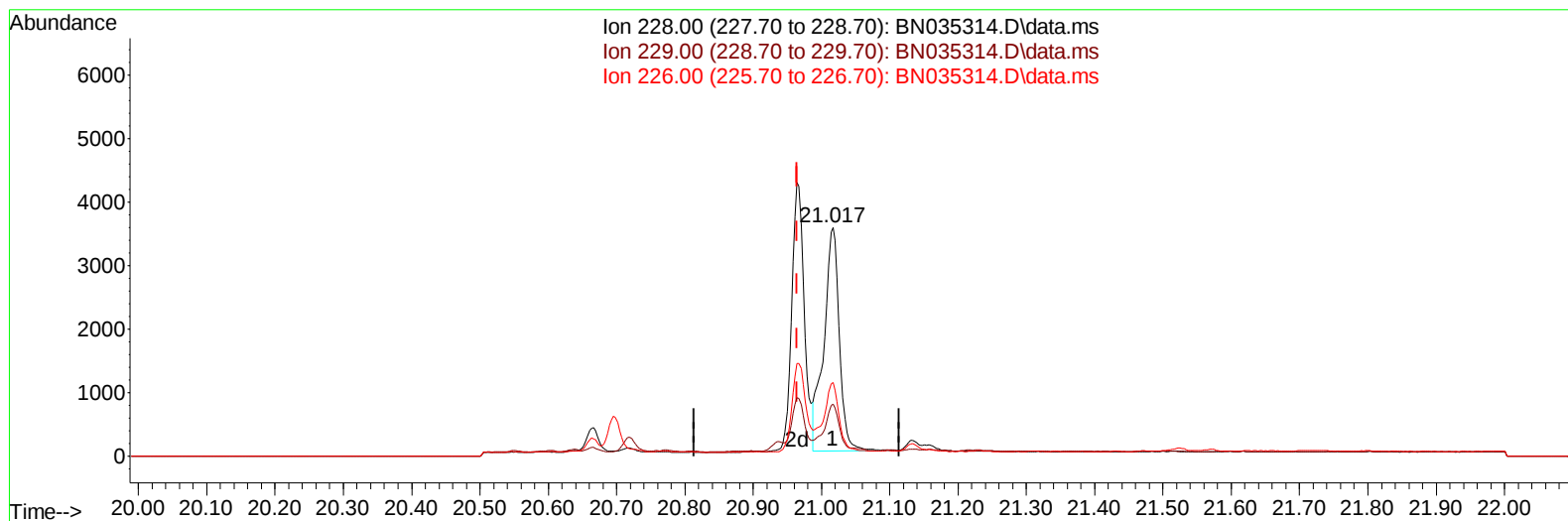
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112624\
Data File : BN035314.D
Acq On : 26 Nov 2024 13:51
Operator : RC/JU
Sample : P4872-23DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E29Z0DL

Manual IntegrationsAPPROVED

Quant Time: Nov 26 22:13:29 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 : Tue Nov 26 06:09:15 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/28/2024



TIC: BN035314.D\data.ms

(21) Benzo(a)anthracene

21.017min (+ 0.052) 0.23 ng/u1

response 5537

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.80	22.61
226.00	27.30	32.07
0.00	0.00	0.00

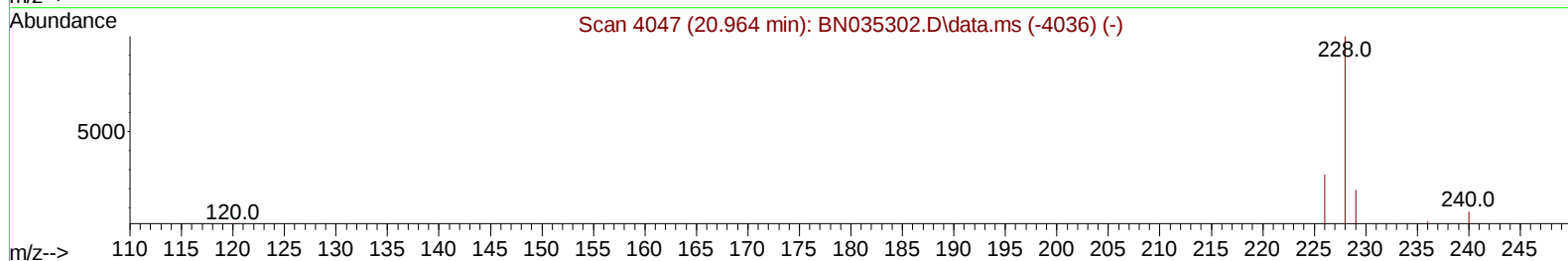
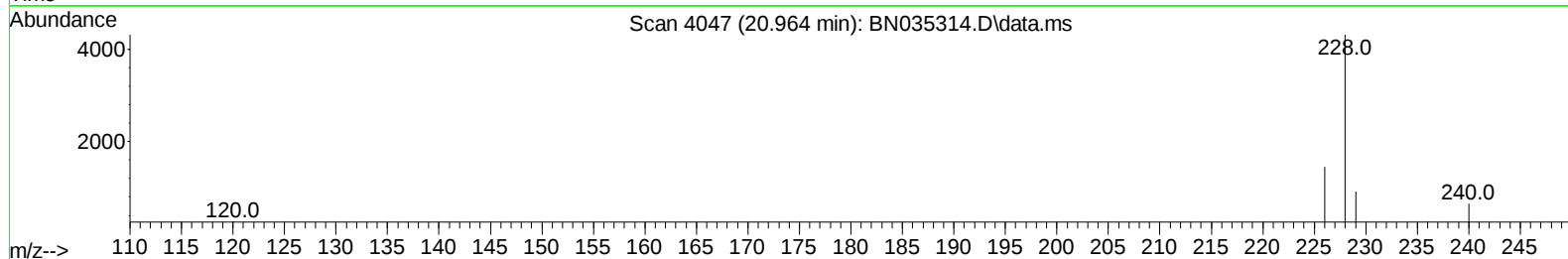
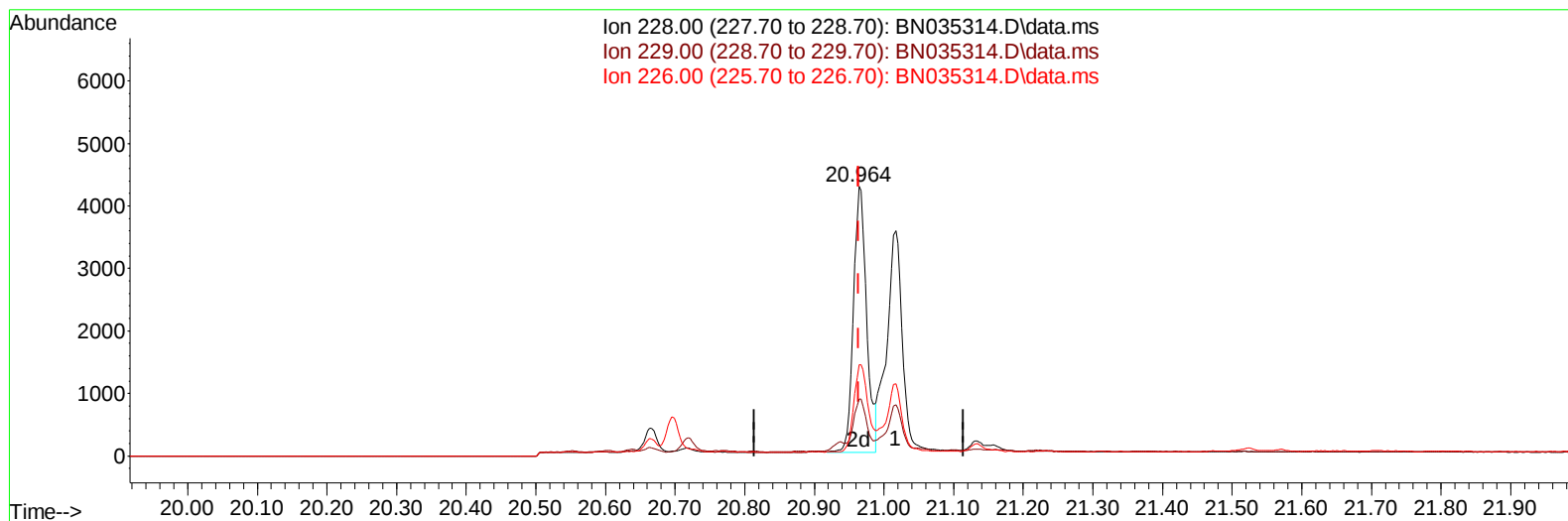
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112624\
Data File : BN035314.D
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ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

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Response via : Initial Calibration

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TIC: BN035314.D\data.ms

(21) Benzo(a)anthracene

20.964min (-0.000) 0.23 ng/u1 m

response 5525

Ion	Exp%	Act%
228.00	100.00	100.00
229.00	19.80	21.20
226.00	27.30	33.77#
0.00	0.00	0.00

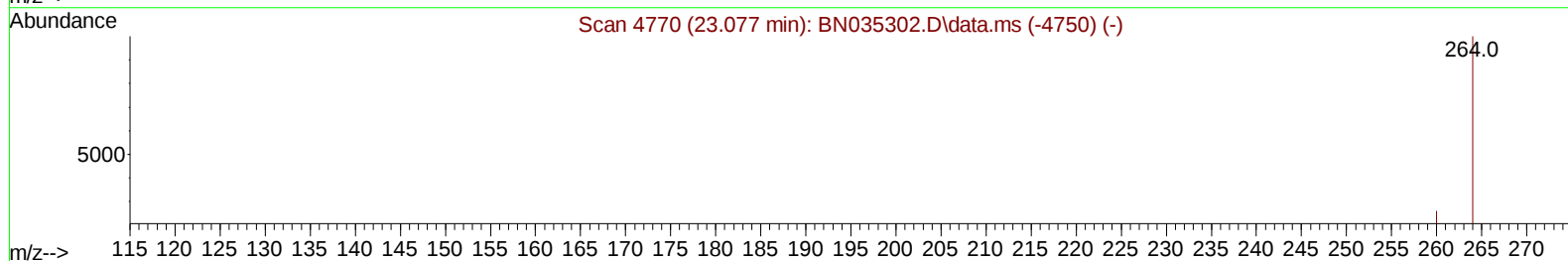
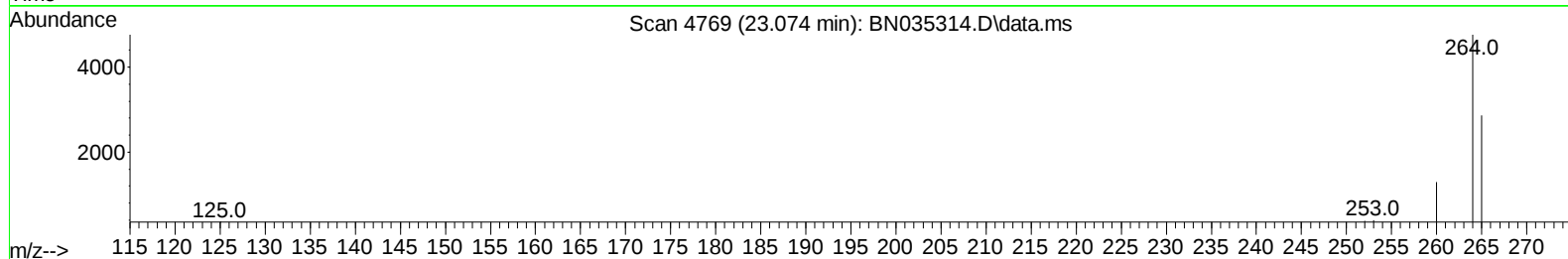
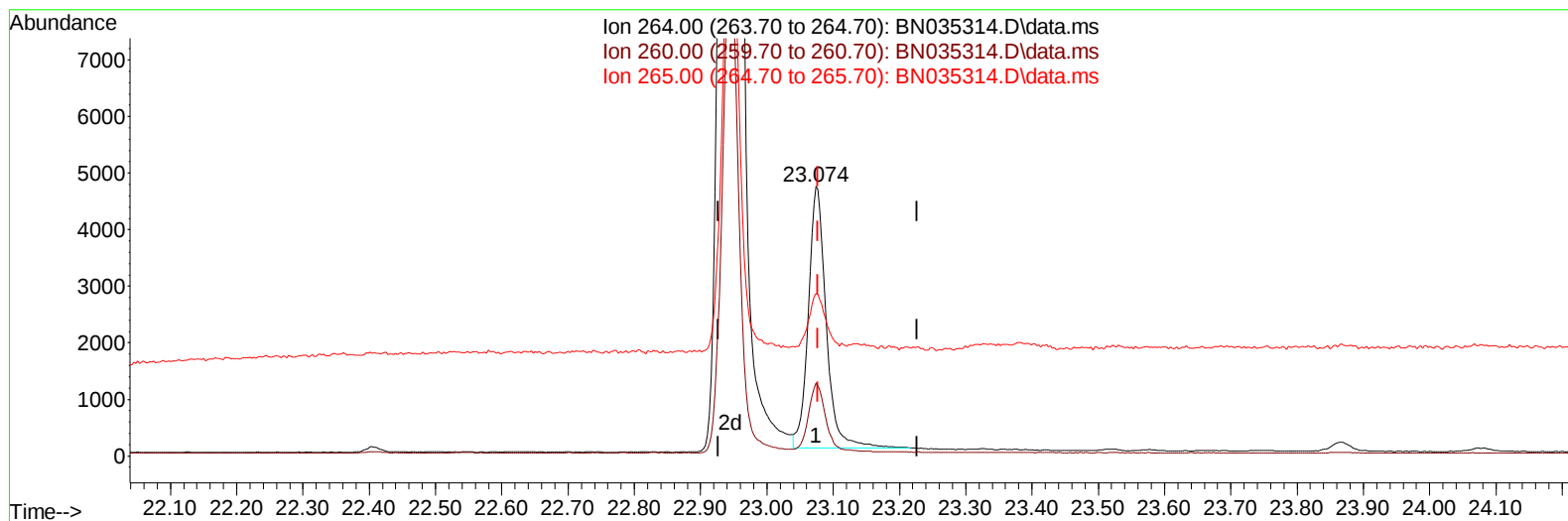
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Manual IntegrationsAPPROVED

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TIC: BN035314.D\data.ms

(23) Perylene-d12 (I)

23.074min (-0.003) 0.40 ng/u1

response 8733

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.20	27.13
265.00	75.50	60.19#
0.00	0.00	0.00

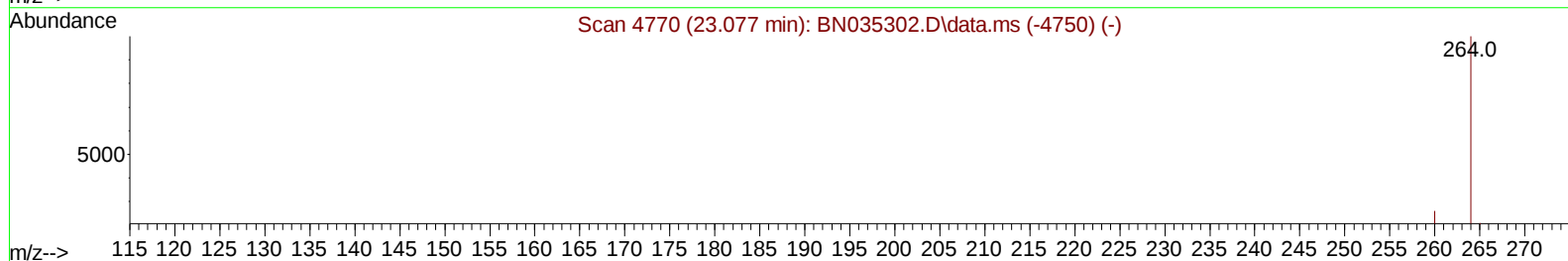
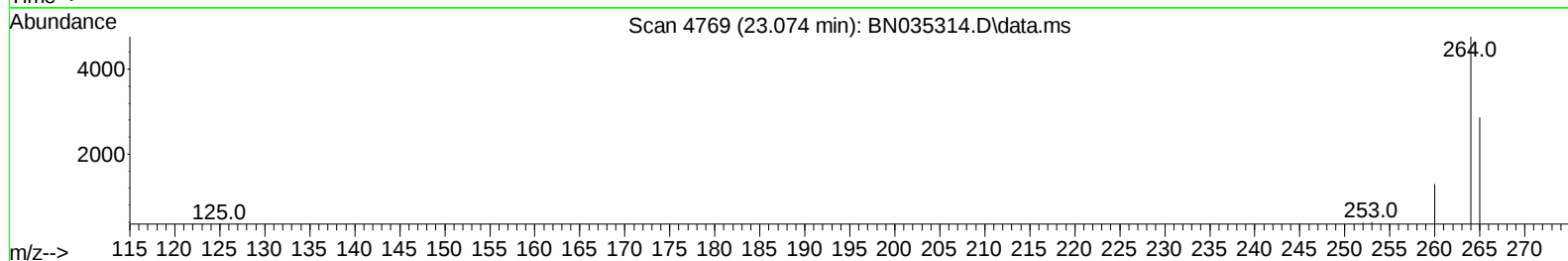
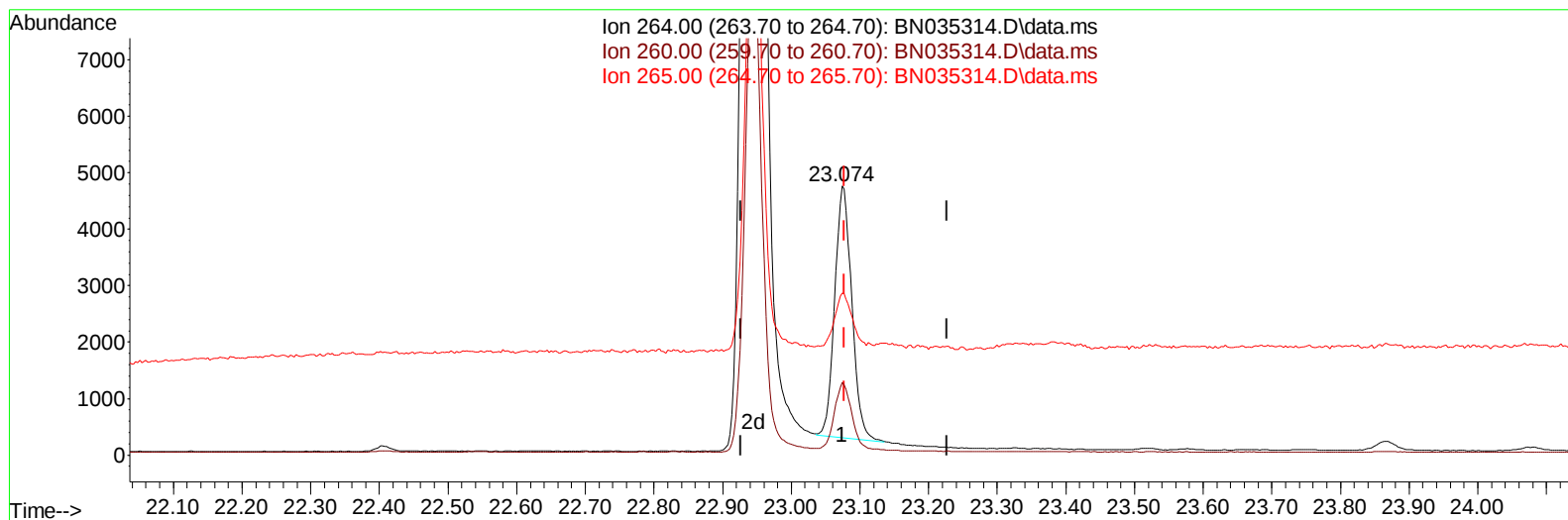
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TIC: BN035314.D\data.ms

(23) Perylene-d12 (I)

23.074min (-0.003) 0.40 ng/ul m

response 7684

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.20	27.13
265.00	75.50	60.19#
0.00	0.00	0.00

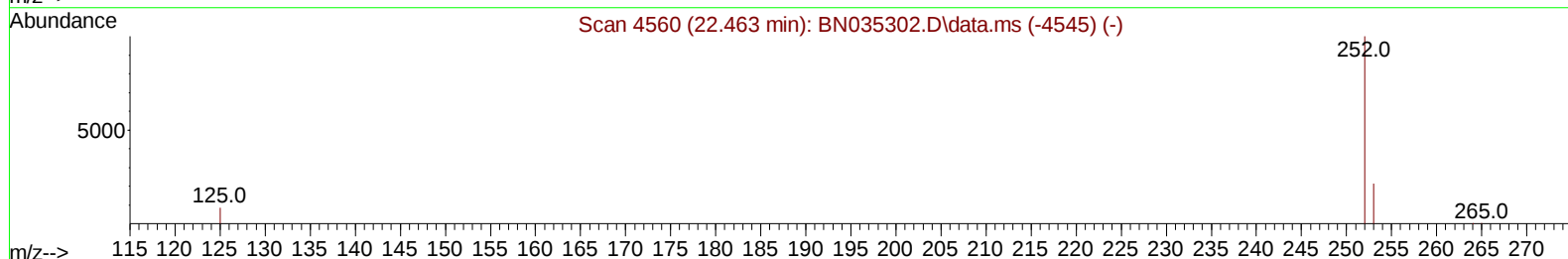
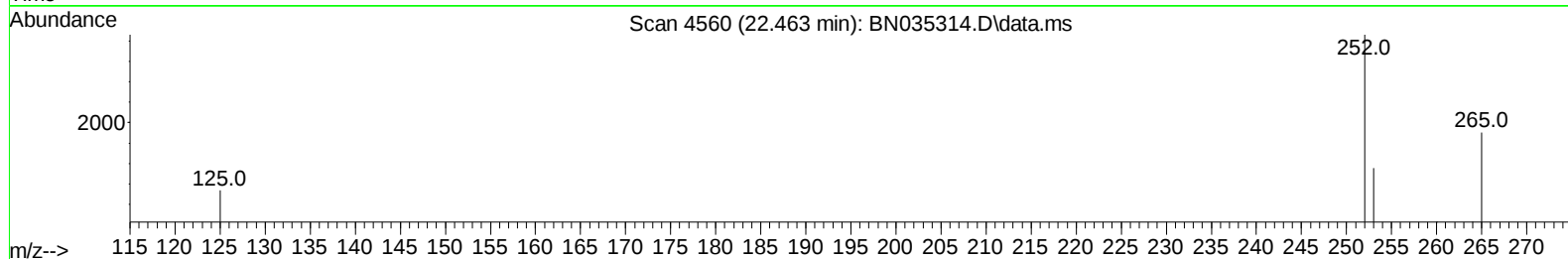
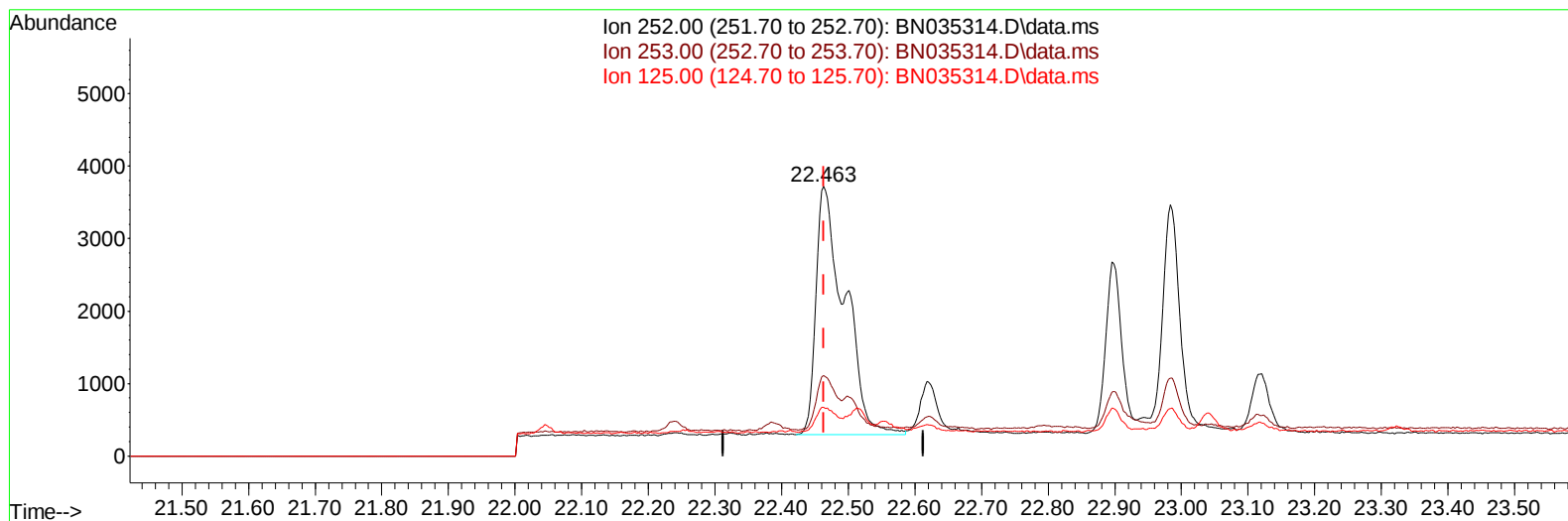
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Data File : BN035314.D
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ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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TIC: BN035314.D\data.ms

(24) Benzo(b)fluoranthene

22.463min (-0.000) 0.41 ng/u1

response 10324

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	29.73
125.00	9.70	18.15
0.00	0.00	0.00

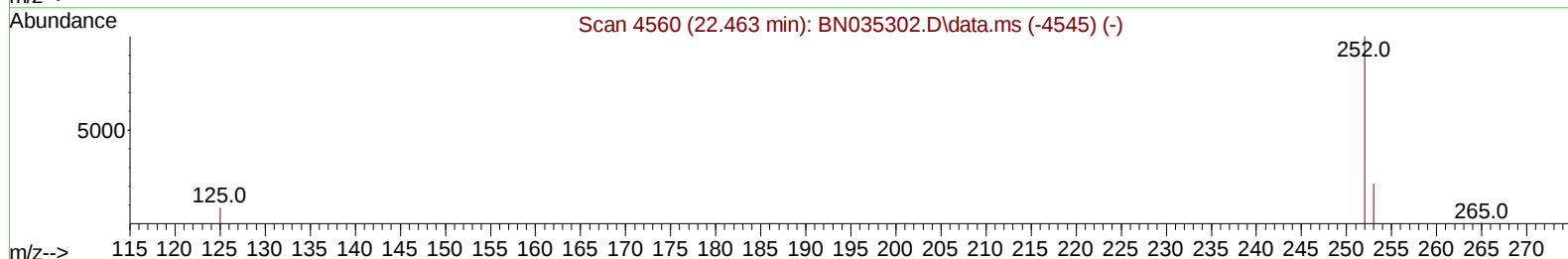
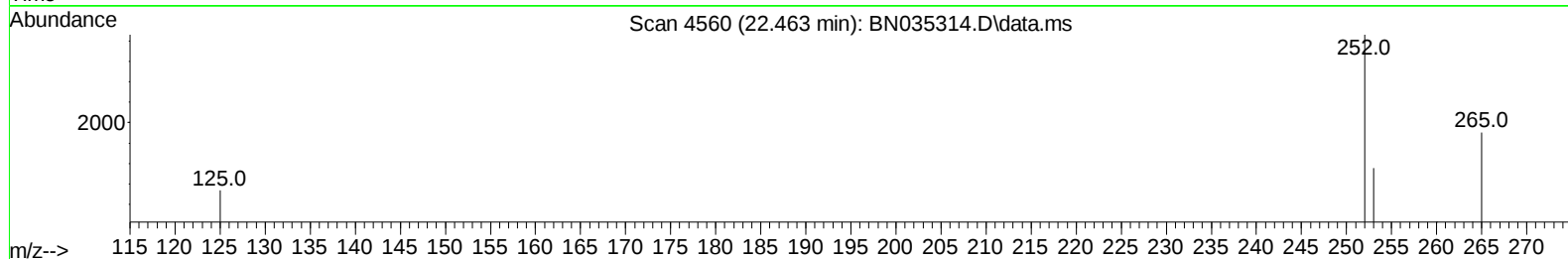
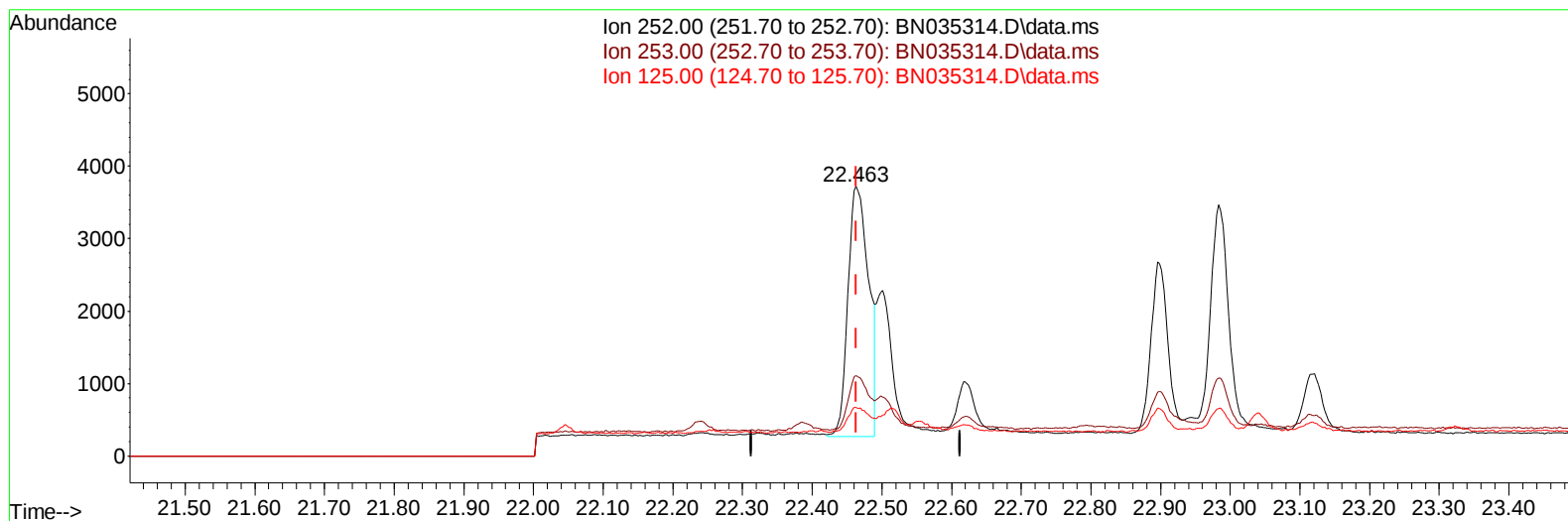
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112624\
Data File : BN035314.D
Acq On : 26 Nov 2024 13:51
Operator : RC/JU
Sample : P4872-23DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E29Z0DL

Manual IntegrationsAPPROVED

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Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/28/2024



TIC: BN035314.D\data.ms

(24) Benzo(b)fluoranthene

22.463min (-0.000) 0.28 ng/u1 m

response 7135

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	29.73
125.00	9.70	18.15
0.00	0.00	0.00

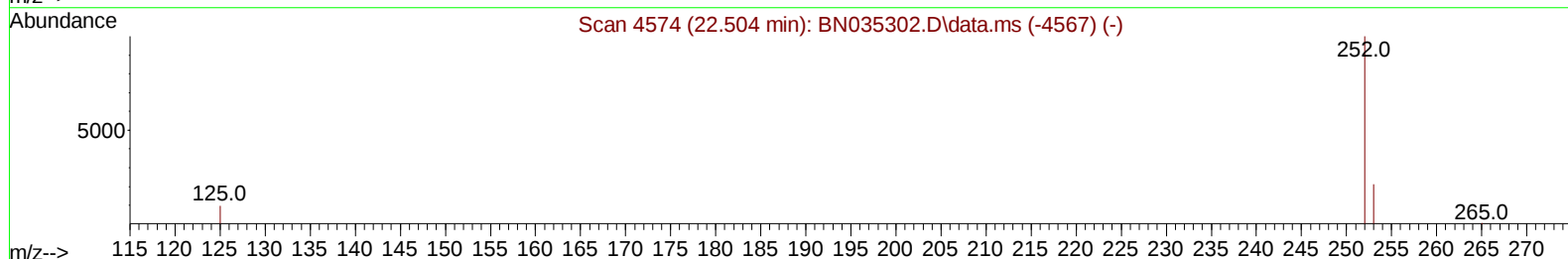
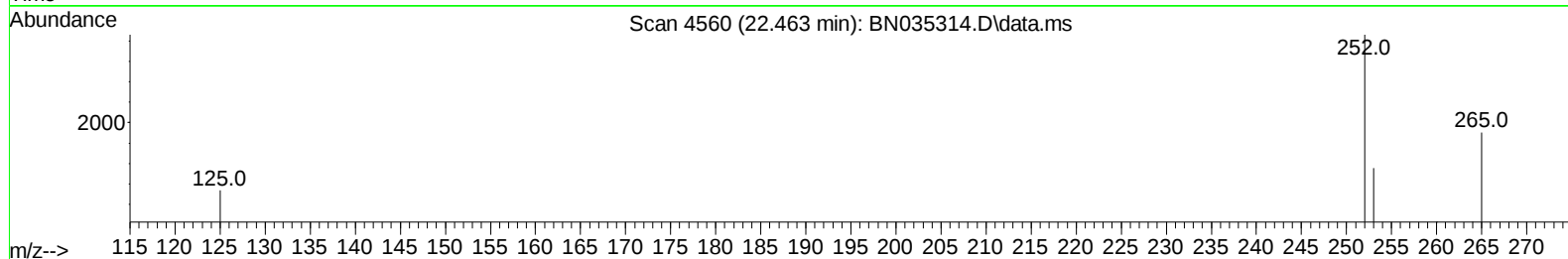
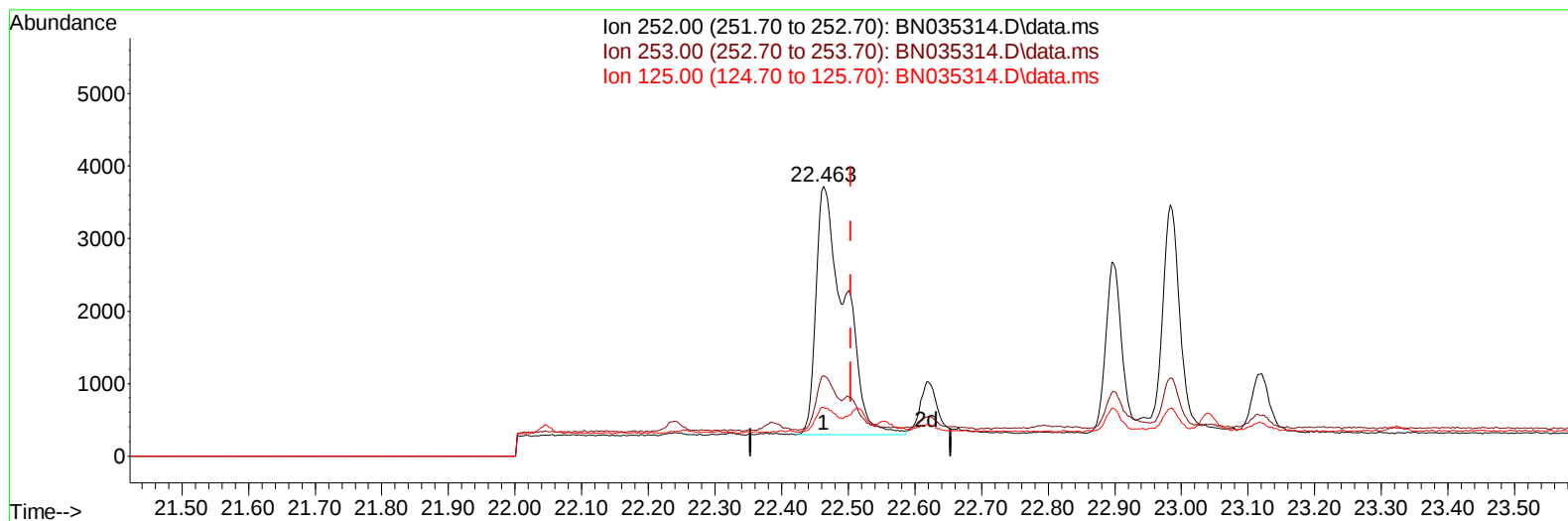
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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E29Z0DL

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Supervised By :mohammad ahmed 11/28/2024



TIC: BN035314.D\data.ms

(25) Benzo(k)fluoranthene

22.463min (-0.041) 0.39 ng/u1

response 10324

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.20	29.73
125.00	10.70	18.15#
0.00	0.00	0.00

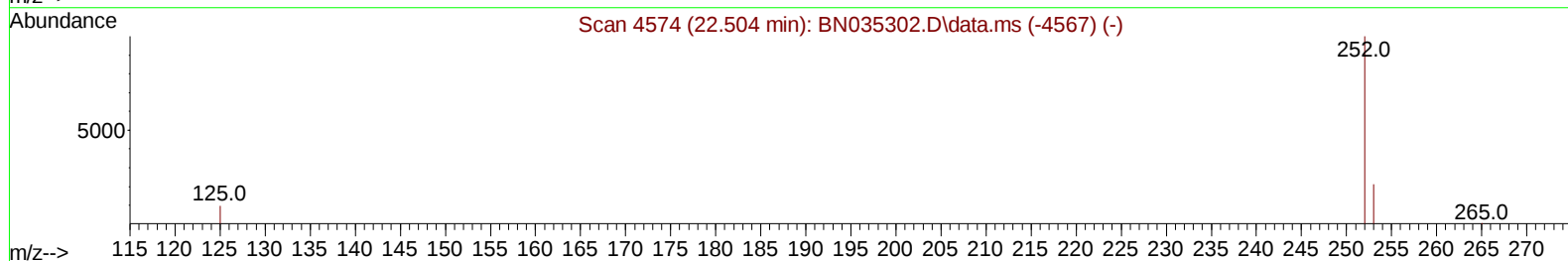
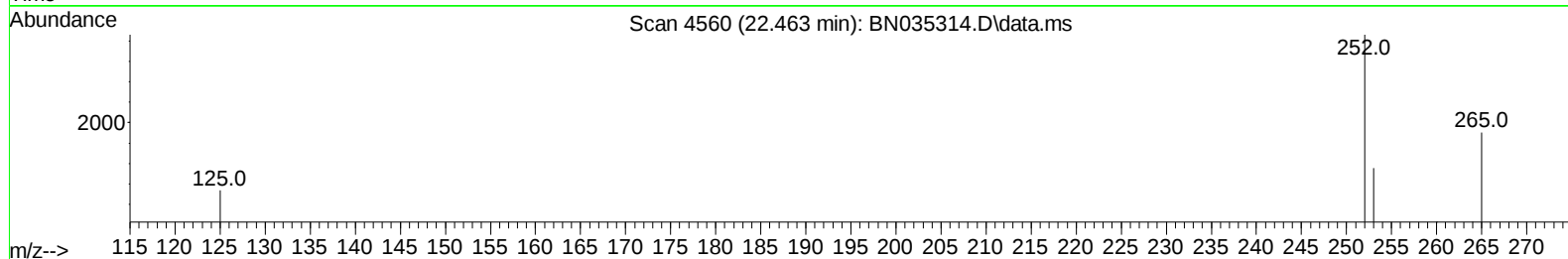
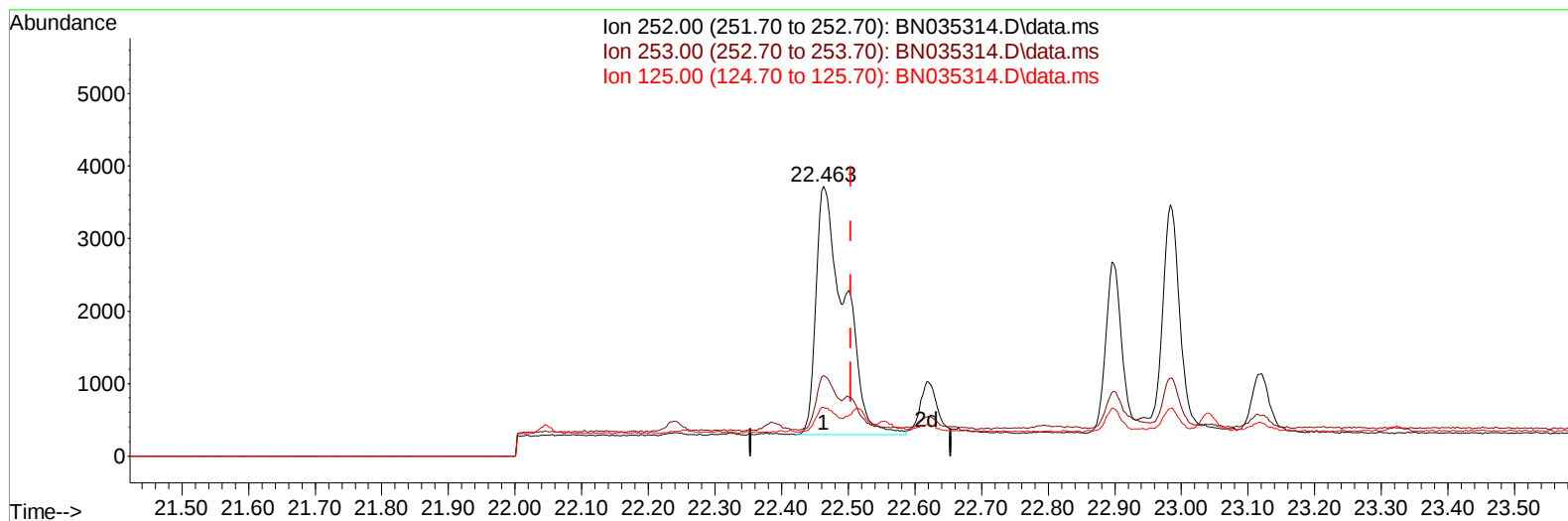
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112624\
Data File : BN035314.D
Acq On : 26 Nov 2024 13:51
Operator : RC/JU
Sample : P4872-23DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E29Z0DL

Manual IntegrationsAPPROVED

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TIC: BN035314.D\data.ms

(25) Benzo(k)fluoranthene

22.463min (-0.041) 0.39 ng/u1

response 10324

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.20	29.73
125.00	10.70	18.15#
0.00	0.00	0.00

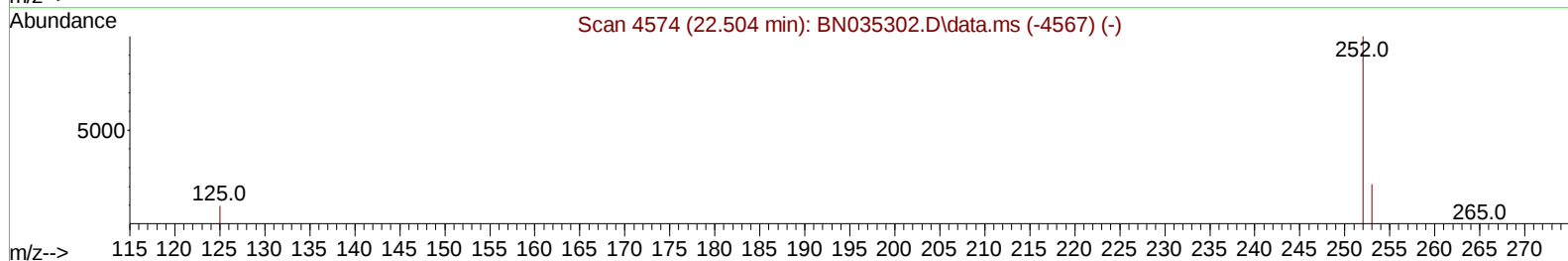
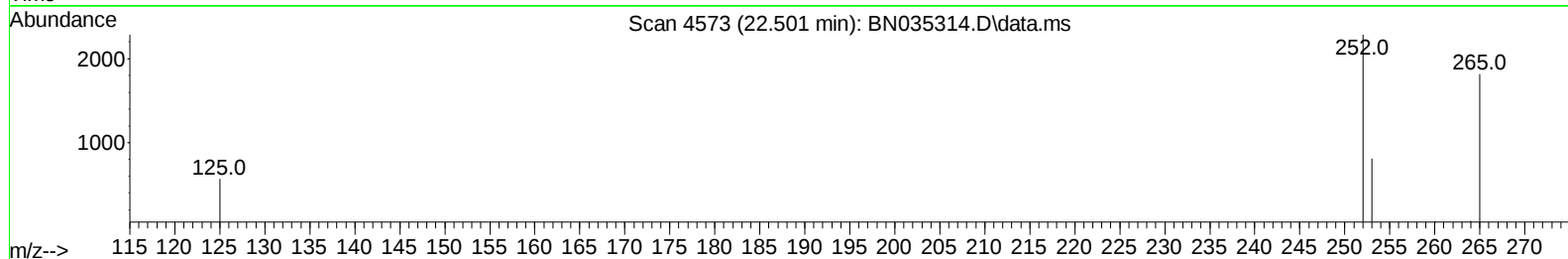
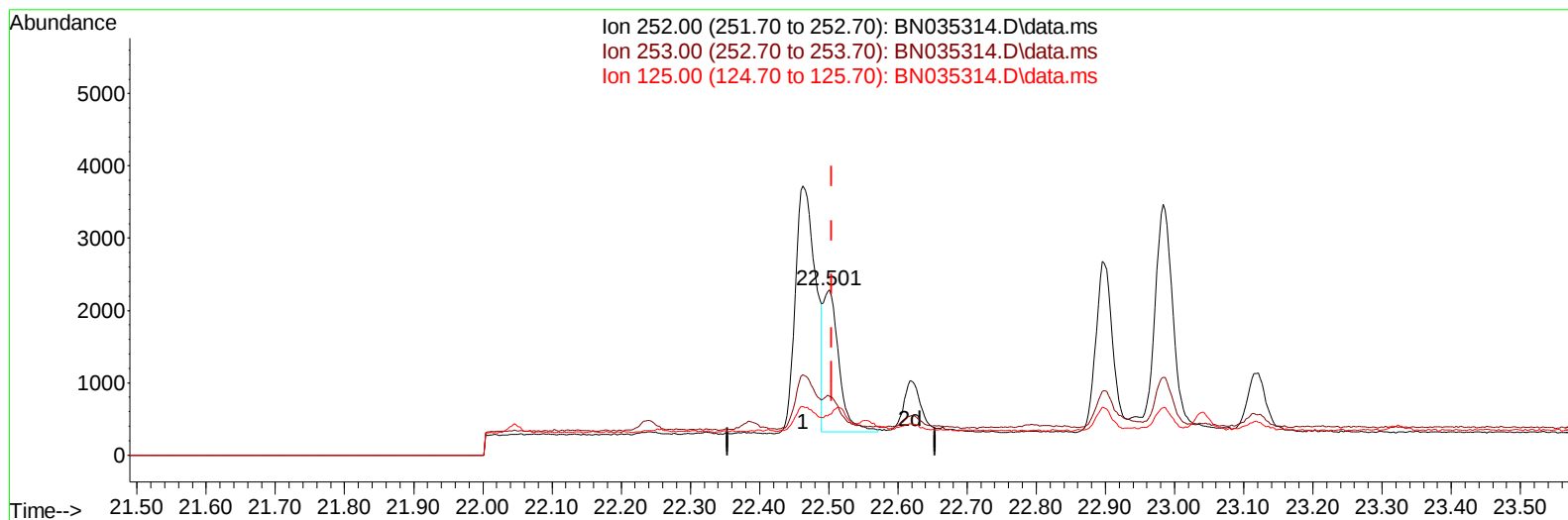
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TIC: BN035314.D\data.ms

(25) Benzo(k)fluoranthene

22.501min (-0.003) 0.12 ng/ul m

response 3058

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.20	35.36#
125.00	10.70	24.86#
0.00	0.00	0.00

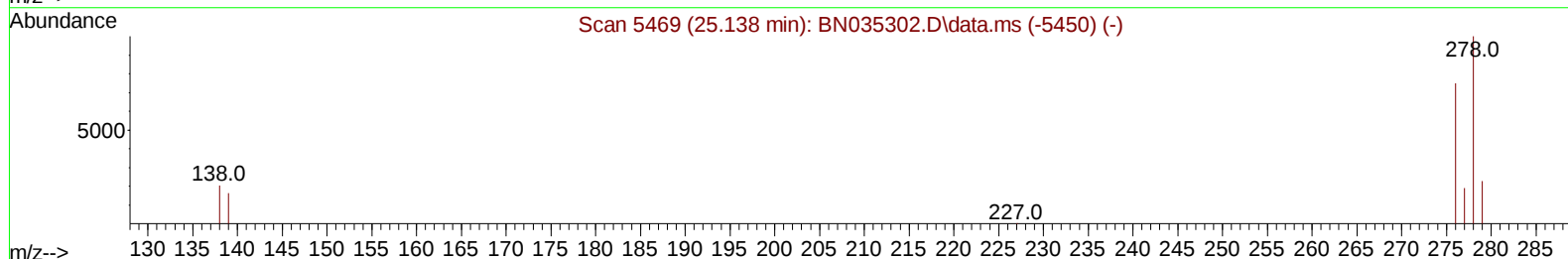
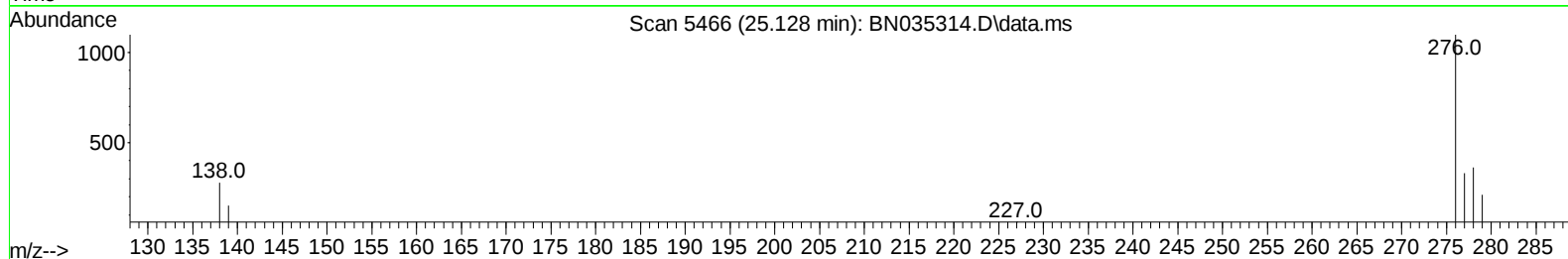
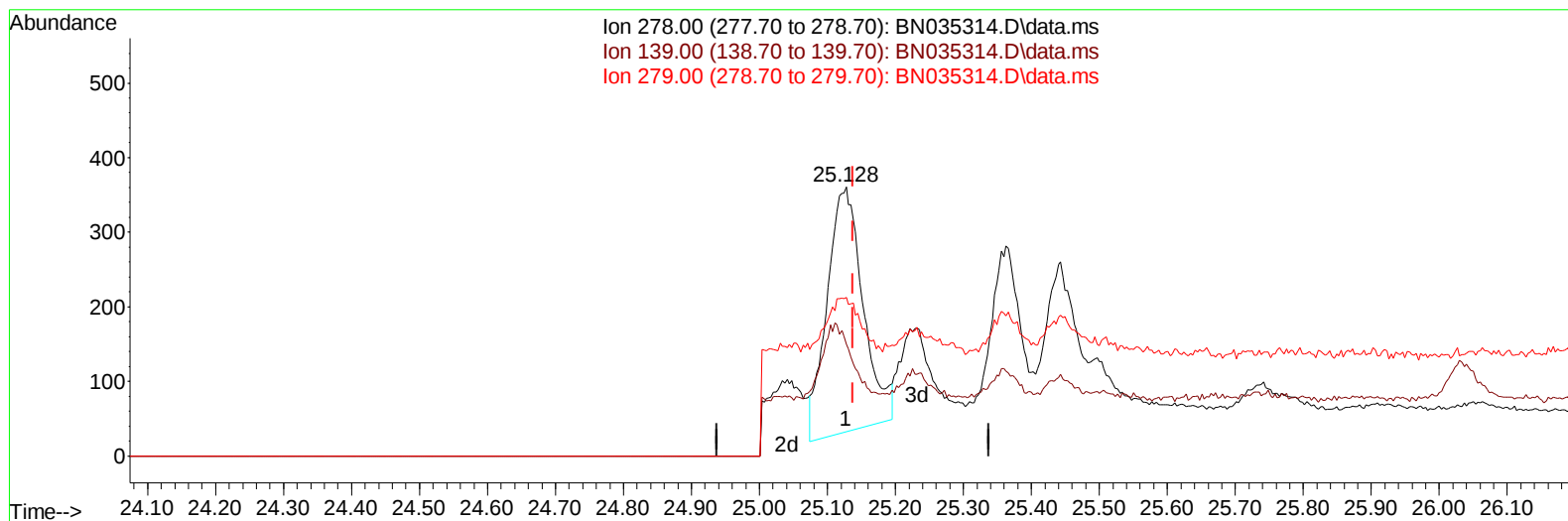
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TIC: BN035314.D\data.ms

(28) Dibenzo(a,h)anthracene

25.128min (-0.010) 0.05 ng/u1

response 1207

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.40	41.55#
279.00	28.50	59.00#
0.00	0.00	0.00

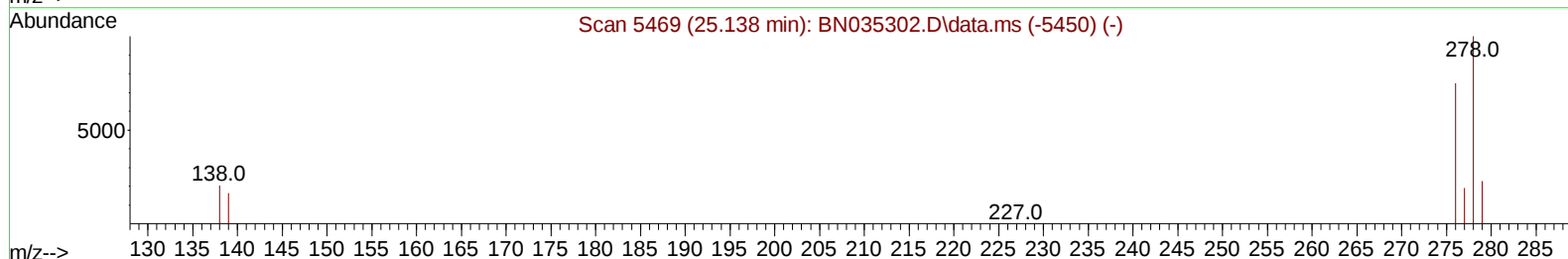
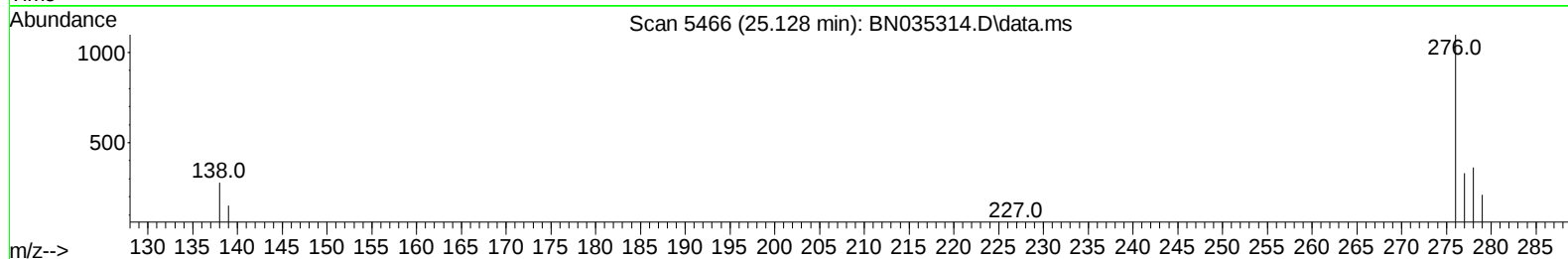
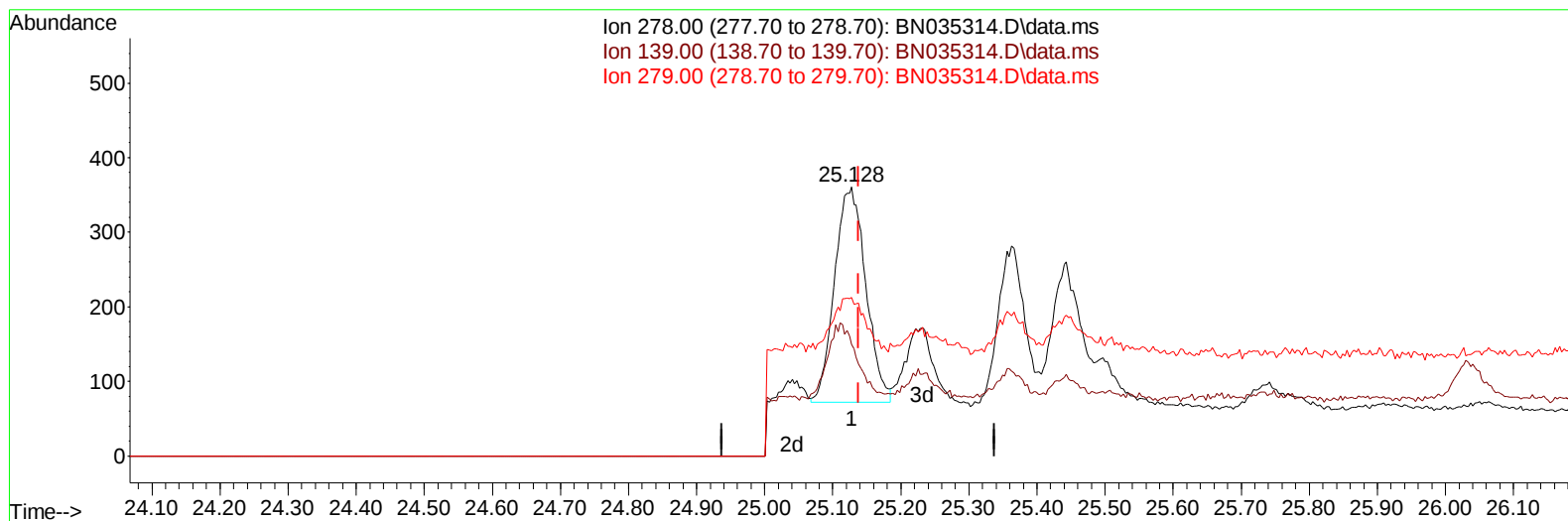
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Misc :
ALS Vial : 14 Sample Multiplier: 1

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ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BN035314.D\data.ms

(28) Dibenzo(a,h)anthracene

25.128min (-0.010) 0.04 ng/u1 m

response 921

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.40	41.55#
279.00	28.50	59.00#
0.00	0.00	0.00

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 ALS Vial : 14 Sample Multiplier: 1

Instrument :
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Manual IntegrationsAPPROVED

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

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.309	152		3708	0.400	ng/ul	0.00
4) Naphthalene-d8	10.058	136		9110	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.972	164		4724	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.738	188		8719	0.400	ng/ul	# 0.00
17) Chrysene-d12	20.982	240		6954	0.400	ng/ul	# 0.00
23) Perylene-d12	23.074	264		7684m	0.400	ng/ul	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	2.972	96		2168	0.640	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.664	152		416	0.031	ng/ul	0.00
18) Fluoranthene-d10	18.791	212		753	0.039	ng/ul	0.00
Target Compounds							
						Qvalue	
10) Acenaphthylene	13.685	152		1740	0.093	ng/ul#	92
12) Fluorene	15.036	166		558	0.033	ng/ul#	92
15) Phenanthrene	16.776	178		7327	0.318	ng/ul	98
16) Anthracene	16.869	178		1825	0.085	ng/ul#	91
19) Fluoranthene	18.819	202		12247	0.506	ng/ul#	93
20) Pyrene	19.186	202		11246	0.446	ng/ul#	92
21) Benzo(a)anthracene	20.964	228		5525m	0.229	ng/ul	
22) Chrysene	21.017	228		5515	0.227	ng/ul	96
24) Benzo(b)fluoranthene	22.463	252		7135m	0.281	ng/ul	
25) Benzo(k)fluoranthene	22.501	252		3058m	0.117	ng/ul	
26) Benzo(a)pyrene	22.983	252		5710	0.246	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.118	276		4194	0.134	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.128	278		921m	0.037	ng/ul	
29) Benzo(g,h,i)perylene	25.731	276		3698	0.150	ng/ul#	88

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

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Response via : Initial Calibration

Reviewed By :Yogesh Patel 11/27/2024
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