

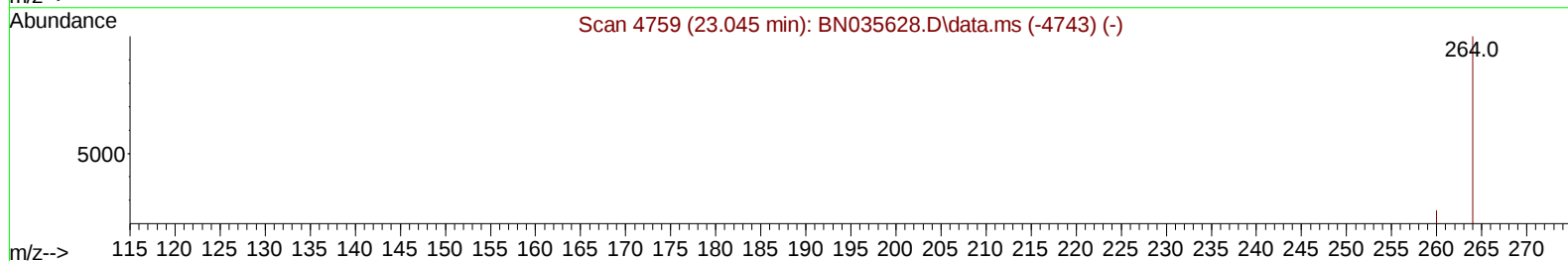
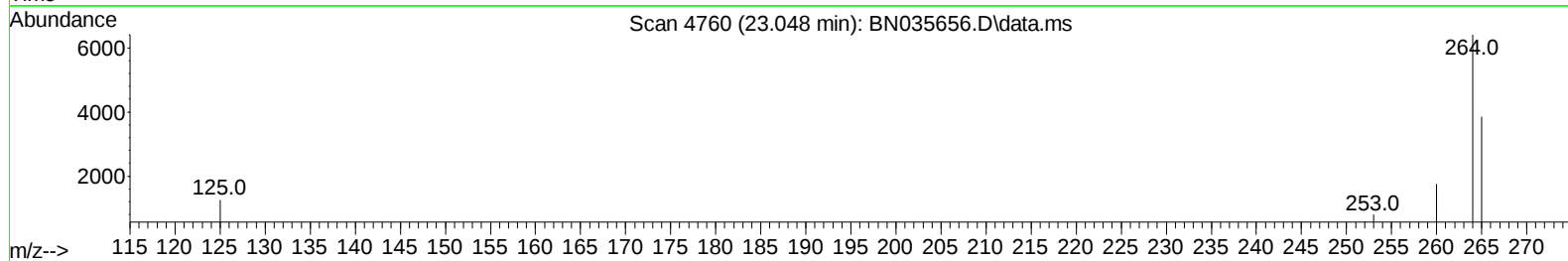
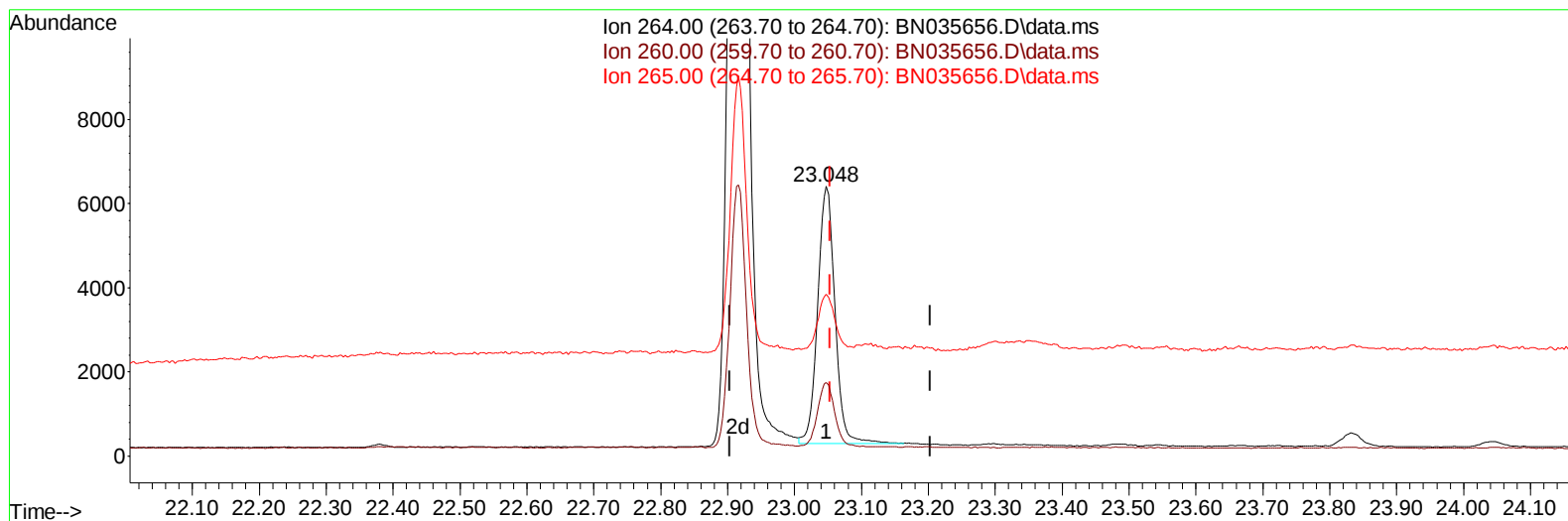
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
Data File : BN035656.D
Acq On : 17 Dec 2024 16:00
Operator : RC/JU
Sample : P5232-07DL 5X
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28S1DL

Manual IntegrationsAPPROVED

Quant Time: Dec 17 16:39:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:26:08 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



TIC: BN035656.D\data.ms

(23) Perylene-d12 (I)

23.048min (-0.006) 0.40 ng/u1

response 10935

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	27.40	27.30
265.00	62.10	60.03
0.00	0.00	0.00

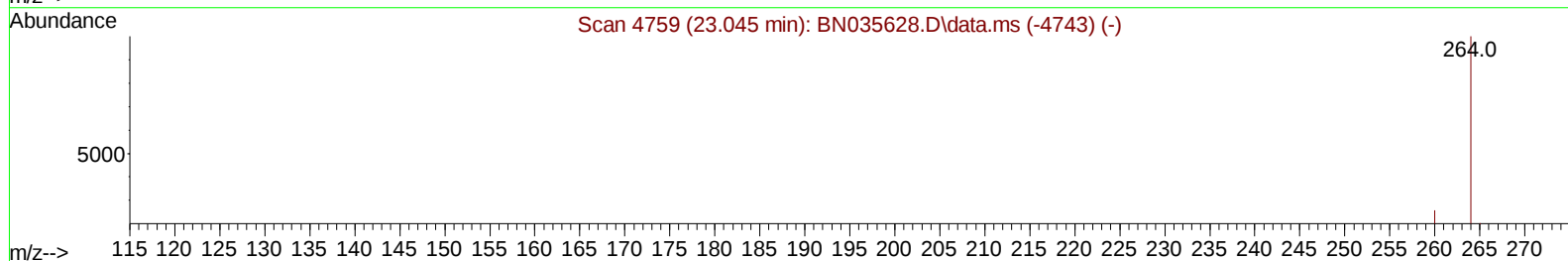
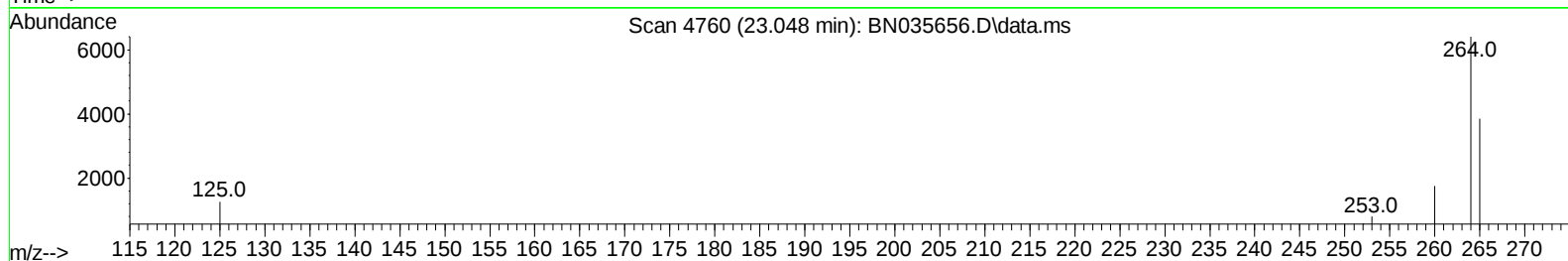
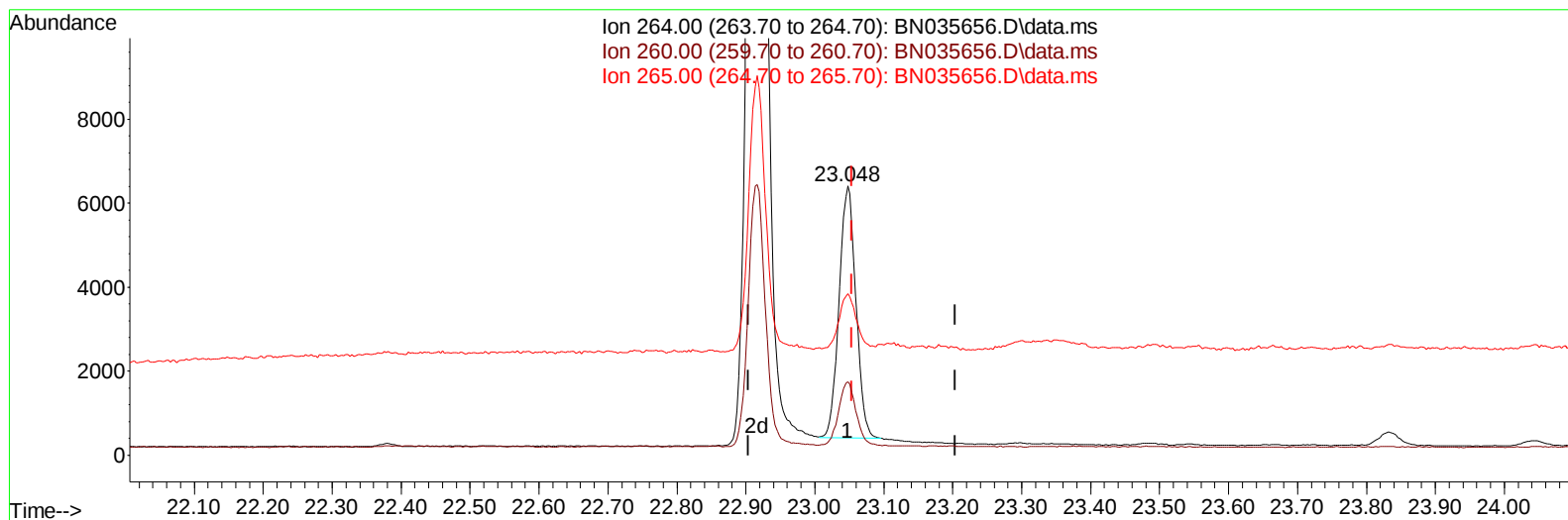
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
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Acq On : 17 Dec 2024 16:00
Operator : RC/JU
Sample : P5232-07DL 5X
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28S1DL

Manual IntegrationsAPPROVED

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QLast Update : Mon Dec 16 16:26:08 2024
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Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



TIC: BN035656.D\data.ms

(23) Perylene-d12 (I)

23.048min (-0.006) 0.40 ng/ul m

response 10154

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	27.40	27.30
265.00	62.10	60.03
0.00	0.00	0.00

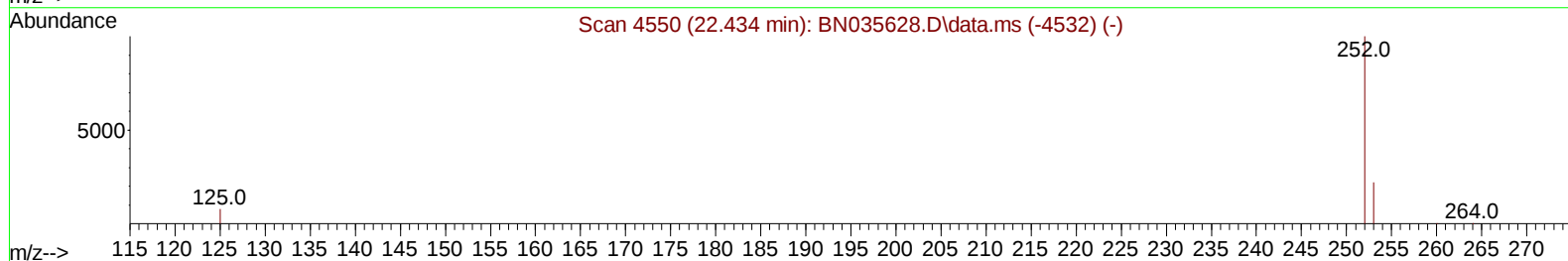
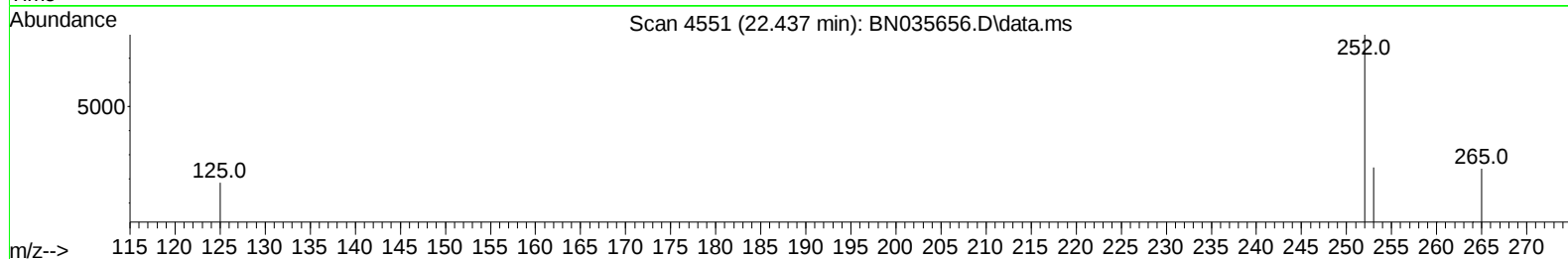
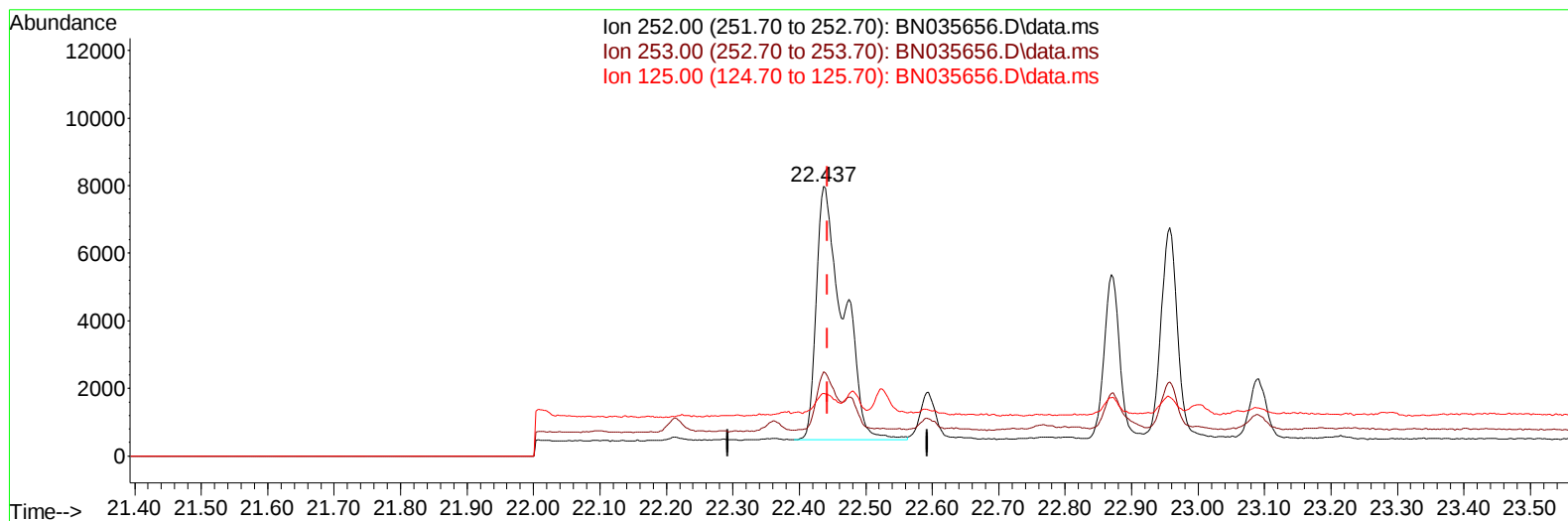
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
Data File : BN035656.D
Acq On : 17 Dec 2024 16:00
Operator : RC/JU
Sample : P5232-07DL 5X
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28S1DL

Manual IntegrationsAPPROVED

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TIC: BN035656.D\data.ms

(24) Benzo(b)fluoranthene

22.437min (-0.006) 0.71 ng/u1

response 21173

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.20	31.24
125.00	18.80	23.26
0.00	0.00	0.00

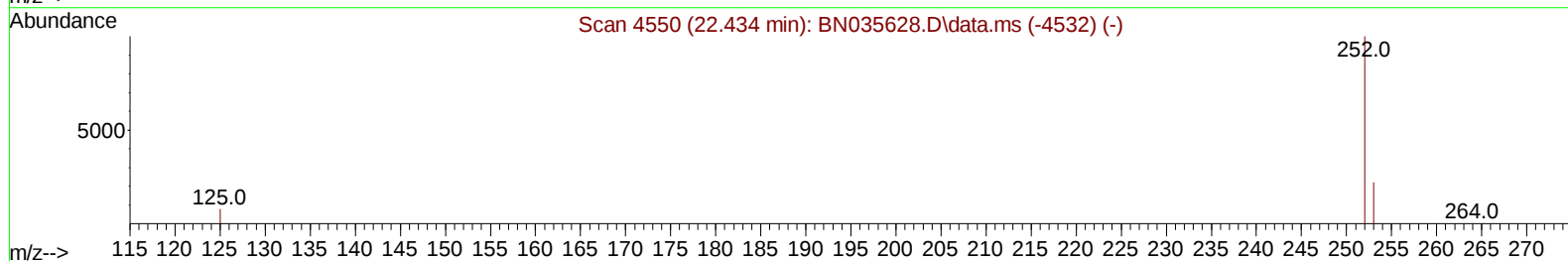
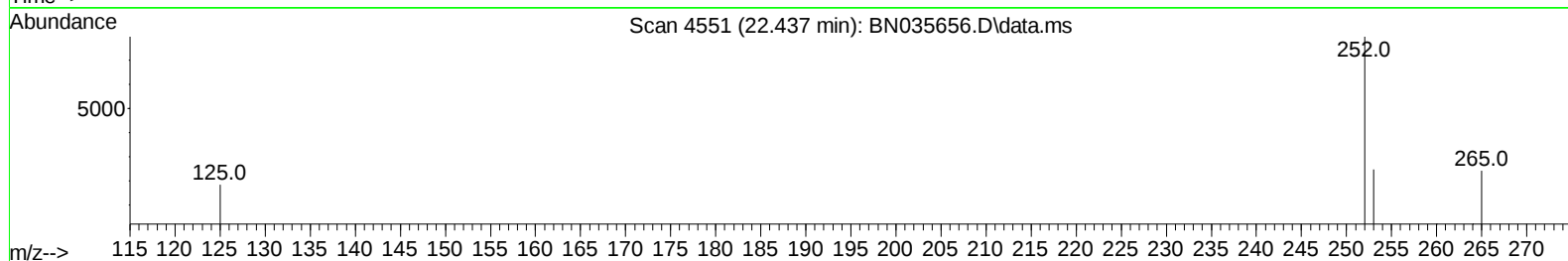
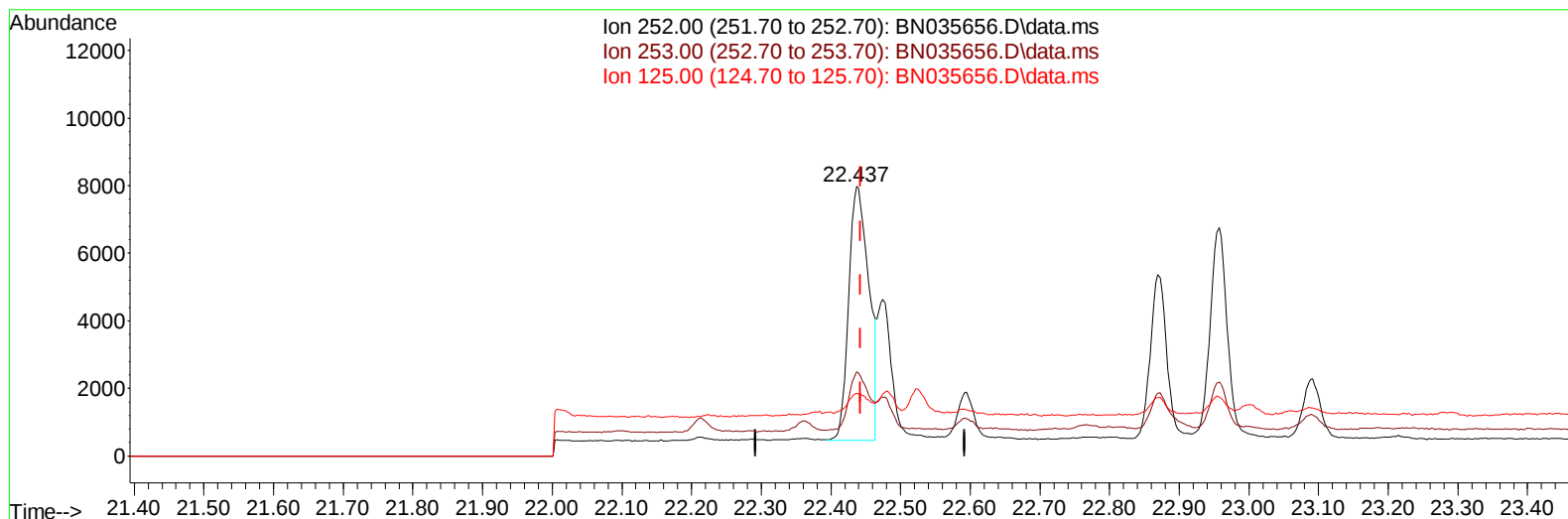
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
Data File : BN035656.D
Acq On : 17 Dec 2024 16:00
Operator : RC/JU
Sample : P5232-07DL 5X
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28S1DL

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 12/21/2024



TIC: BN035656.D\data.ms

(24) Benzo(b)fluoranthene

22.437min (-0.006) 0.50 ng/u1 m

response 15032

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.20	31.24
125.00	18.80	23.26
0.00	0.00	0.00

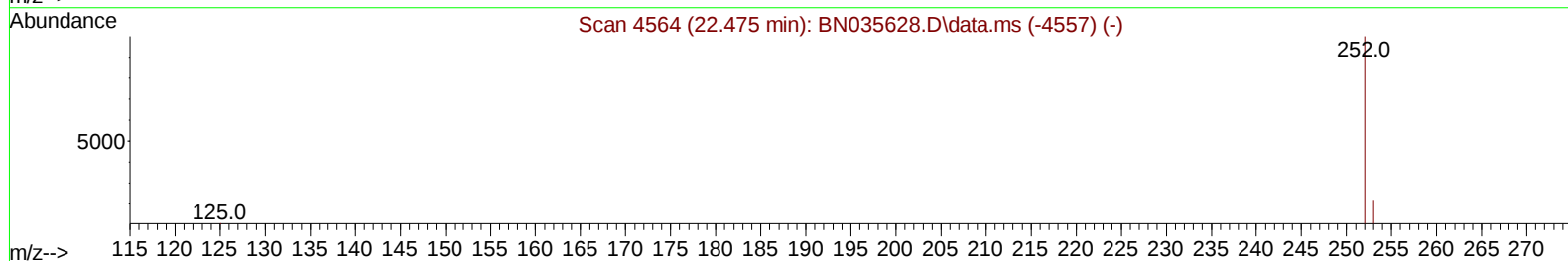
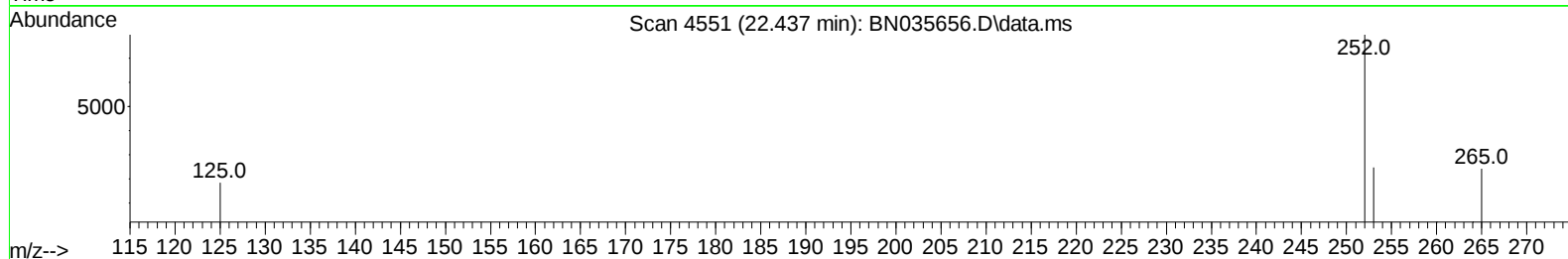
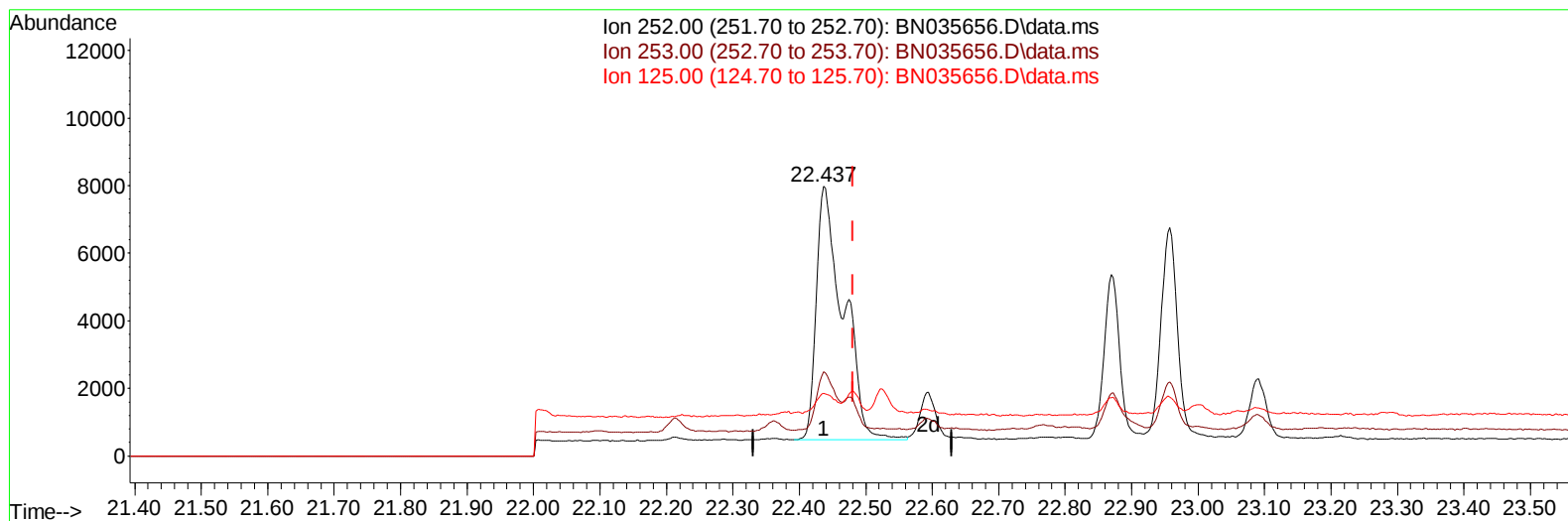
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
Data File : BN035656.D
Acq On : 17 Dec 2024 16:00
Operator : RC/JU
Sample : P5232-07DL 5X
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28S1DL

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 12/21/2024



TIC: BN035656.D\data.ms

(25) Benzo(k)fluoranthene

22.437min (-0.044) 0.64 ng/u1

response 21173

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.60	31.24
125.00	19.10	23.26#
0.00	0.00	0.00

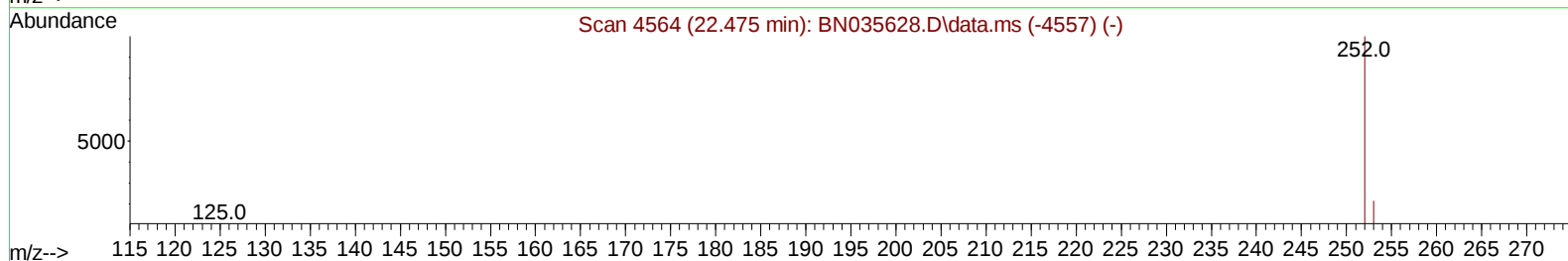
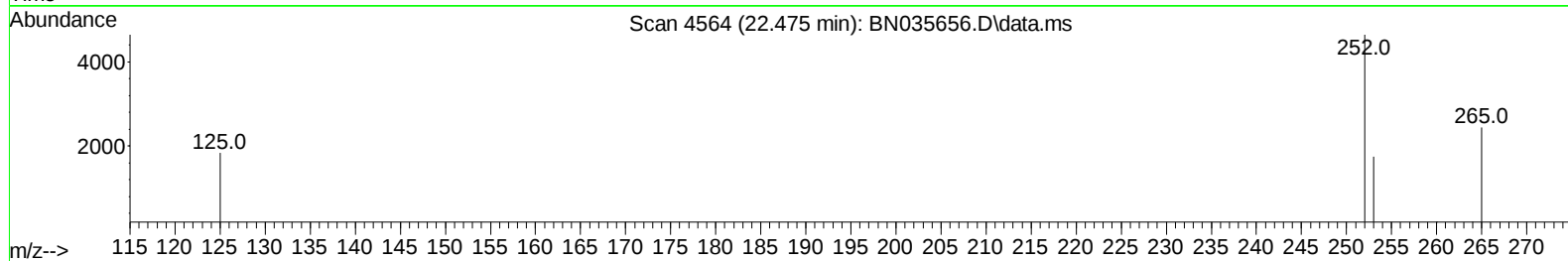
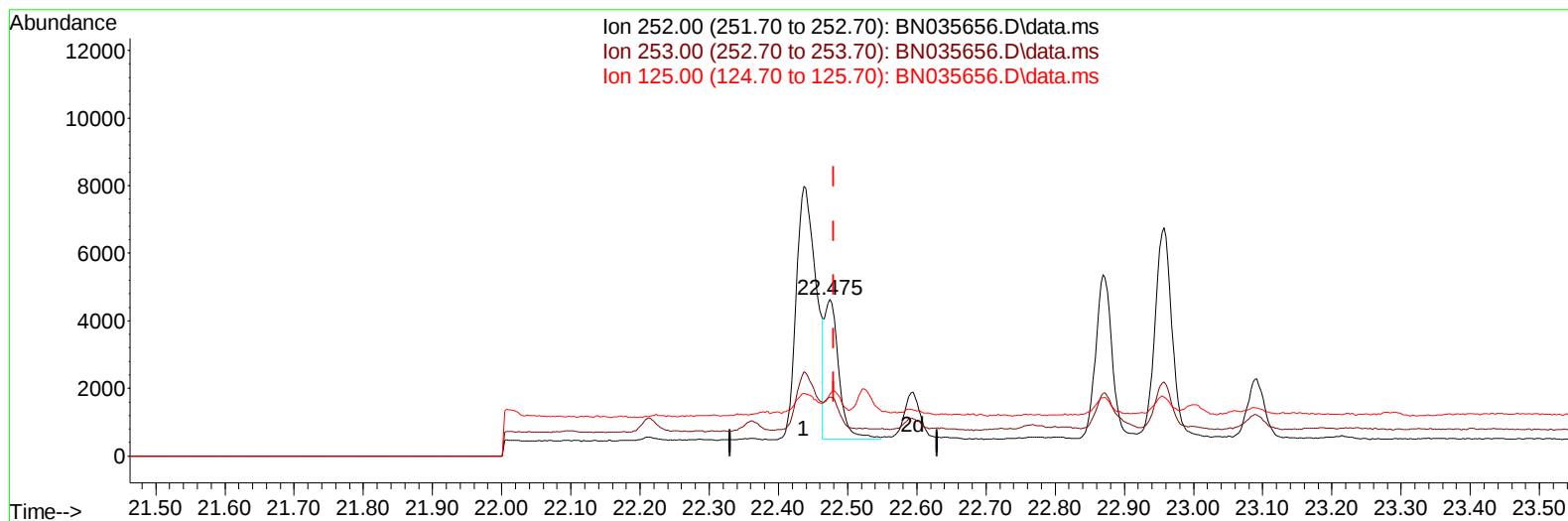
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
Data File : BN035656.D
Acq On : 17 Dec 2024 16:00
Operator : RC/JU
Sample : P5232-07DL 5X
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28S1DL

Manual IntegrationsAPPROVED

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QLast Update : Mon Dec 16 16:26:08 2024
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Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



TIC: BN035656.D\data.ms

(25) Benzo(k)fluoranthene

22.475min (-0.006) 0.18 ng/u1 m

response 6097

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.60	37.51#
125.00	19.10	39.47#
0.00	0.00	0.00

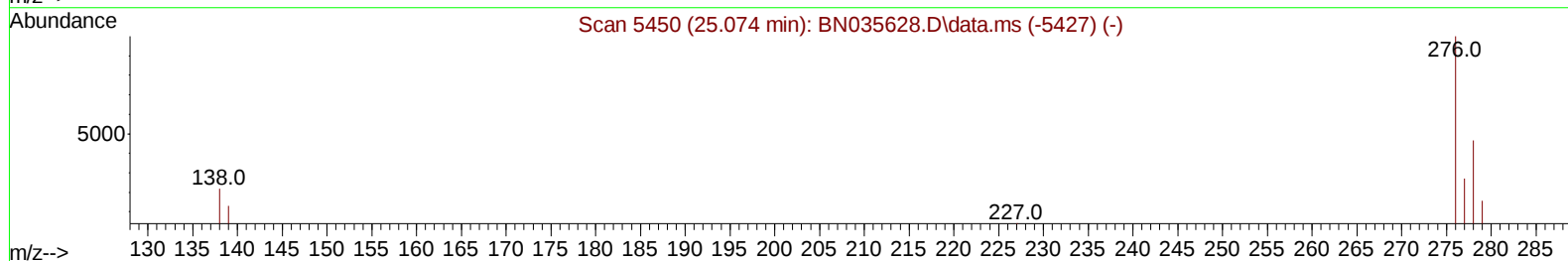
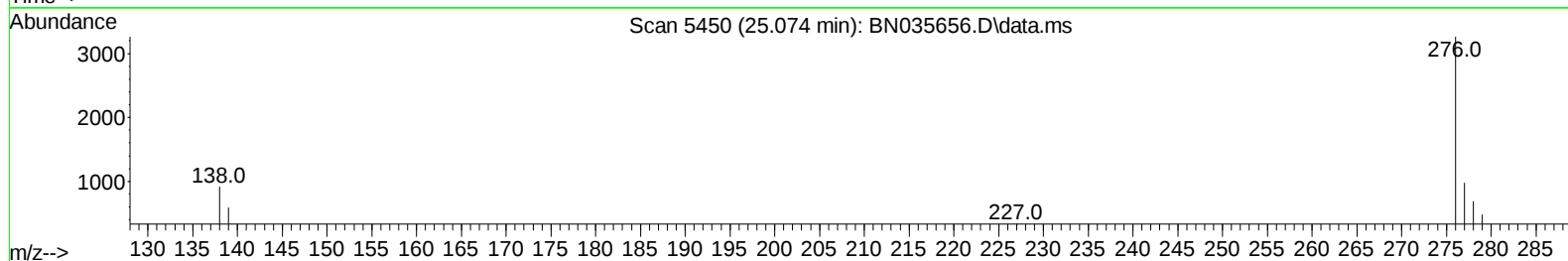
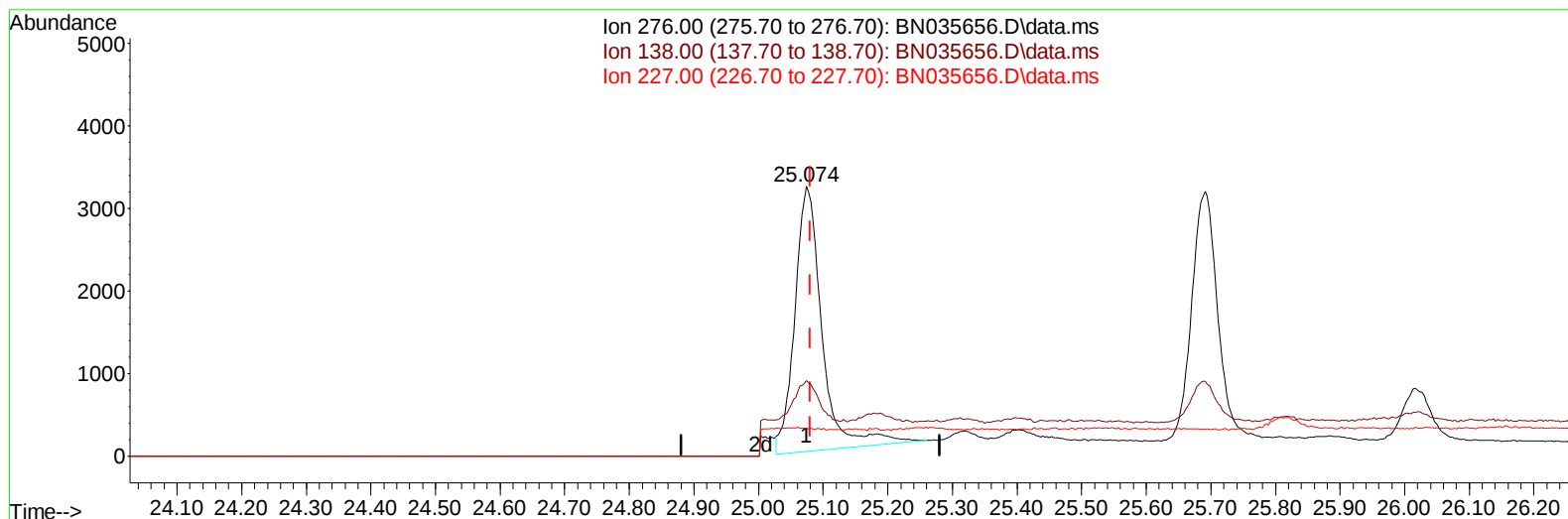
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Data File : BN035656.D
Acq On : 17 Dec 2024 16:00
Operator : RC/JU
Sample : P5232-07DL 5X
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28S1DL

Manual IntegrationsAPPROVED

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TIC: BN035656.D\data.ms

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

25.074min (-0.007) 0.27 ng/u1

response 9375

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	18.40	15.84
227.00	27.00	54.85#
0.00	0.00	0.00

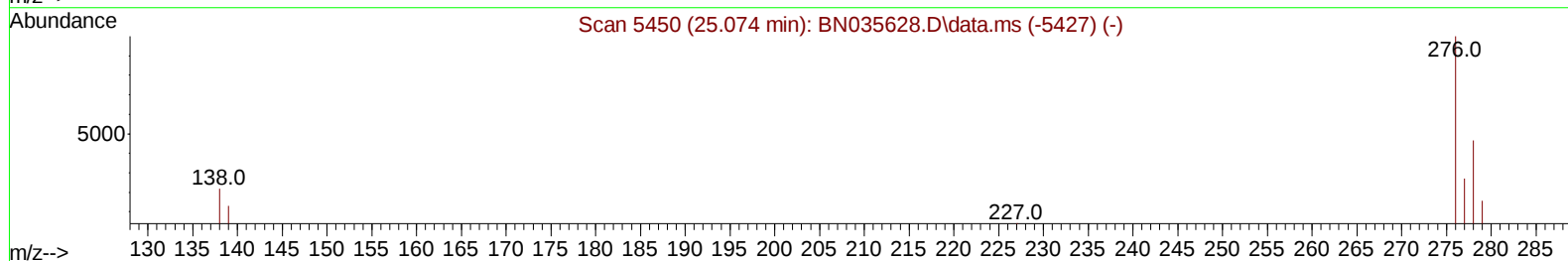
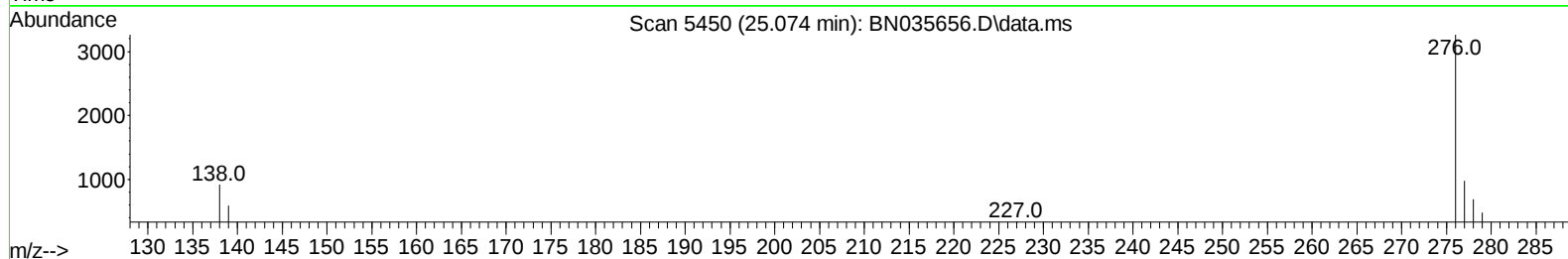
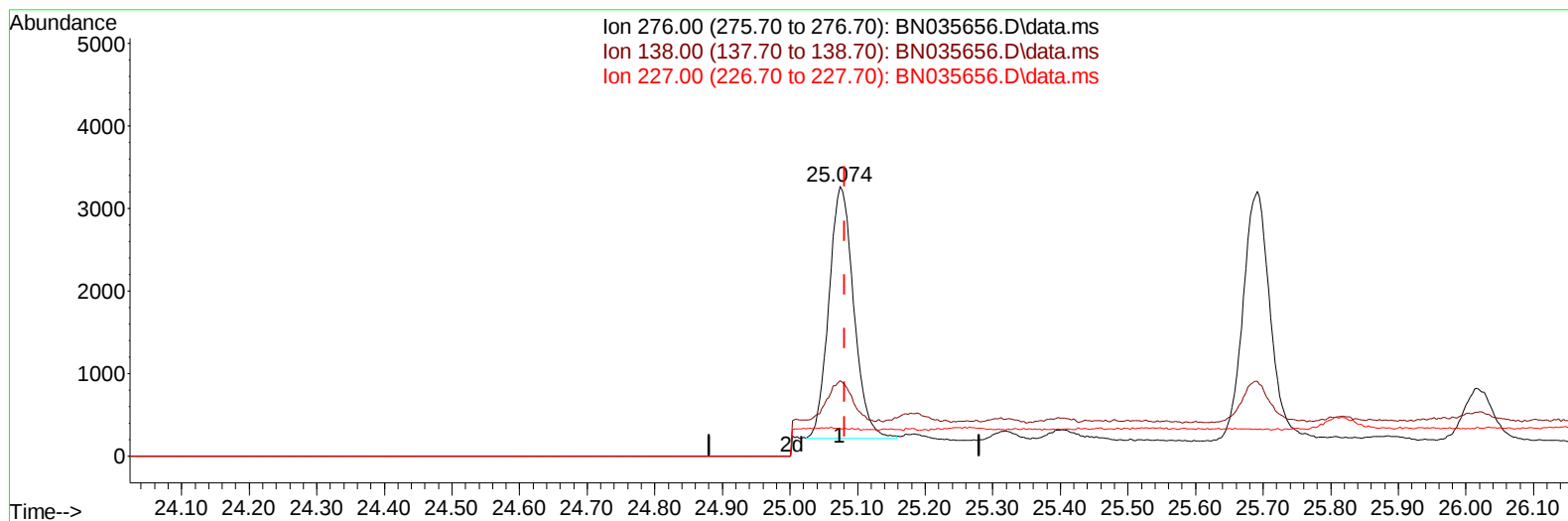
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
Data File : BN035656.D
Acq On : 17 Dec 2024 16:00
Operator : RC/JU
Sample : P5232-07DL 5X
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28S1DL

Manual IntegrationsAPPROVED

Quant Time: Dec 17 16:39:05 2024
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TIC: BN035656.D\data.ms

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

25.074min (-0.007) 0.22 ng/ul m

response 7831

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	18.40	18.96
227.00	27.00	65.66#
0.00	0.00	0.00

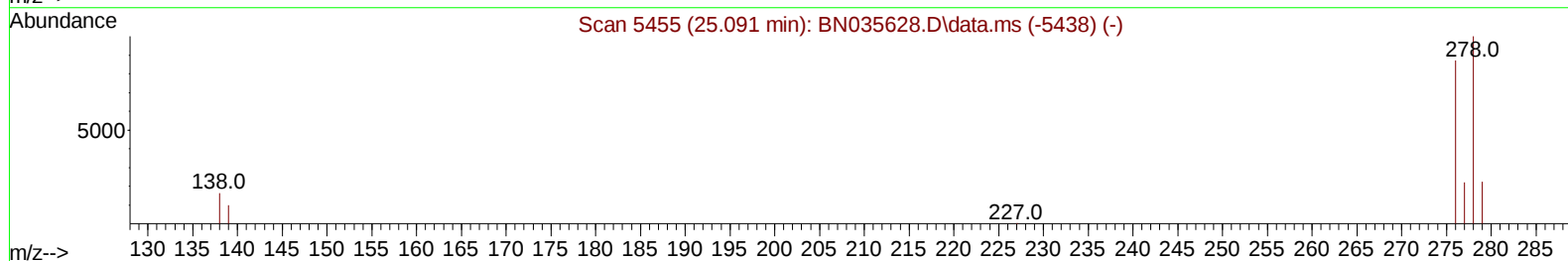
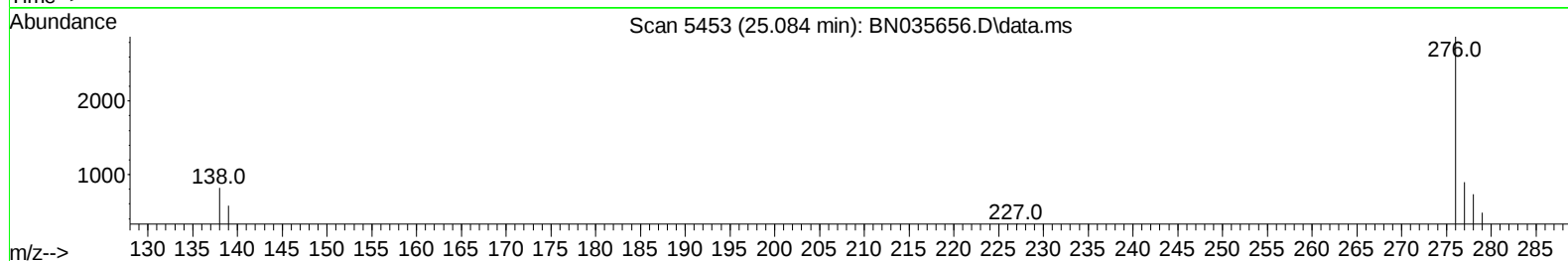
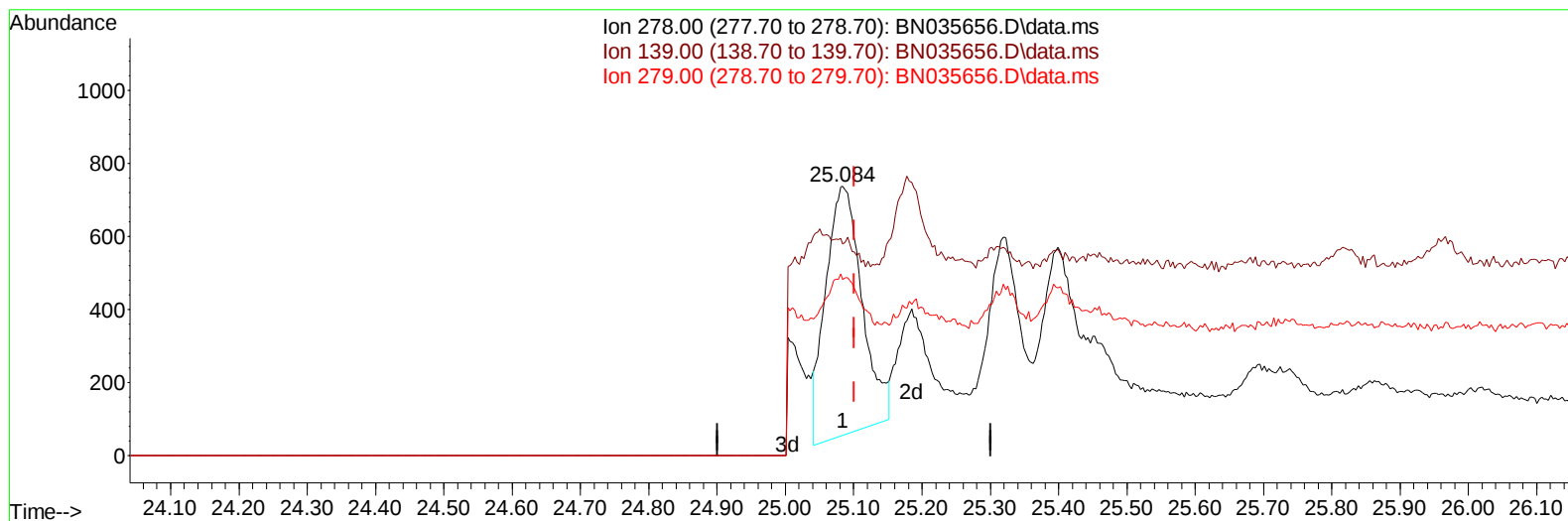
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TIC: BN035656.D\data.ms

(28) Dibenzo(a,h)anthracene

25.084min (-0.017) 0.09 ng/u1

response 2522

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	24.80	78.70#
279.00	30.00	65.40#
0.00	0.00	0.00

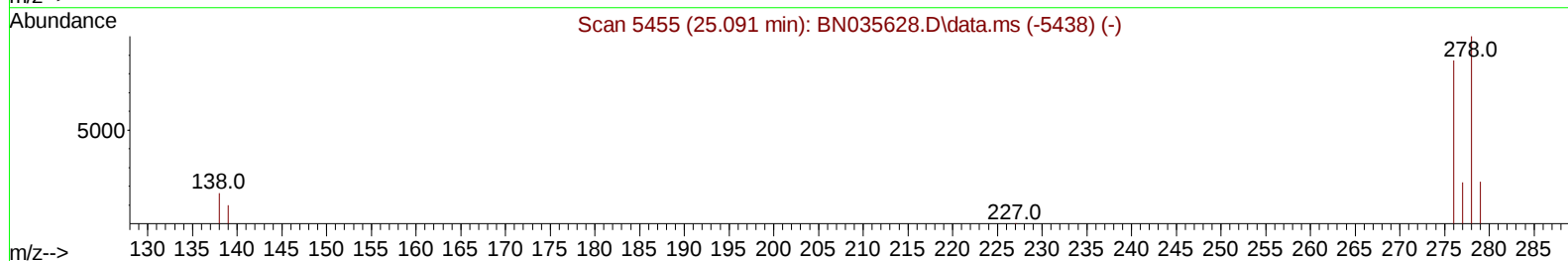
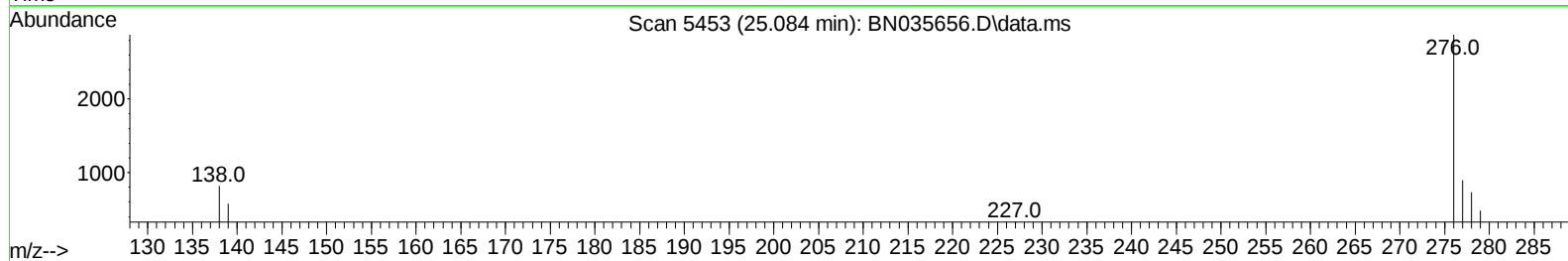
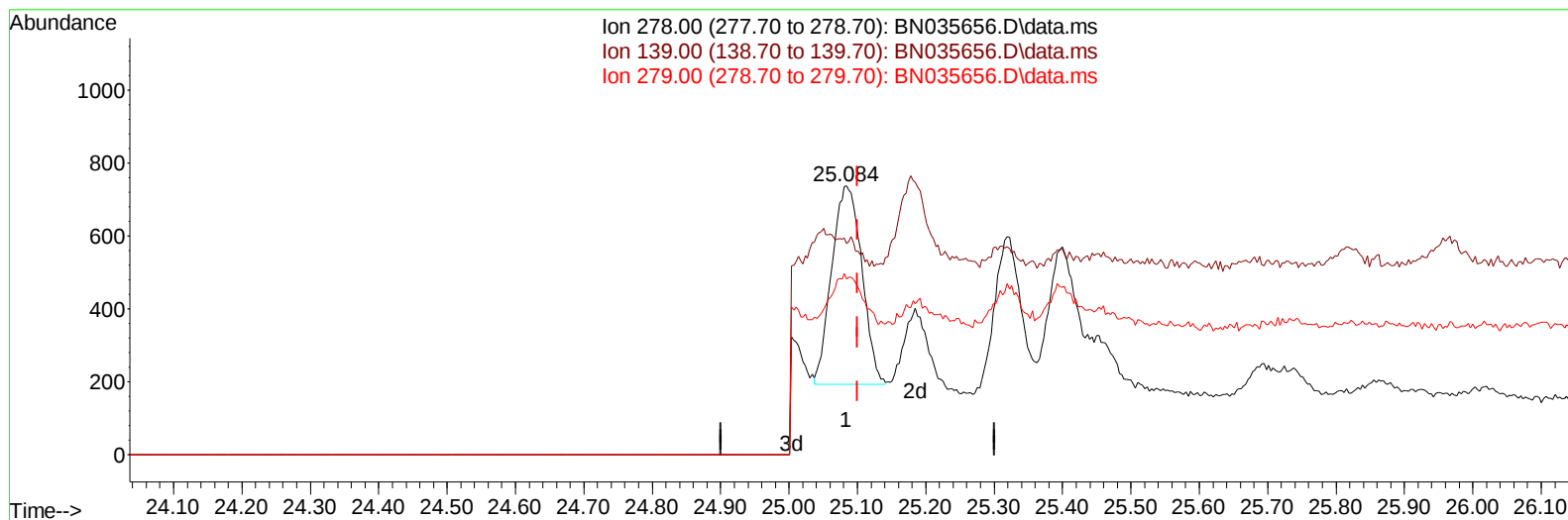
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
Data File : BN035656.D
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Operator : RC/JU
Sample : P5232-07DL 5X
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BN035656.D\data.ms

(28) Dibenzo(a,h)anthracene

25.084min (-0.017) 0.06 ng/u1 m

response 1662

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	24.80	78.70#
279.00	30.00	65.40#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
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 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.280	152	2679	0.400	ng/ul	0.00
4) Naphthalene-d8	10.025	136	7859	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.944	164	5341	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.713	188	11308	0.400	ng/ul	0.00
17) Chrysene-d12	20.961	240	9351	0.400	ng/ul	0.00
23) Perylene-d12	23.048	264	10154m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.955	96	1424	0.600	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.631	152	396	0.035	ng/ul	0.00
18) Fluoranthene-d10	18.767	212	827	0.030	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.075	128	434	0.023	ng/ul#	61
7) 2-Methylnaphthalene	11.708	142	312	0.024	ng/ul	96
10) Acenaphthylene	13.657	152	1172	0.057	ng/ul#	85
11) Acenaphthene	14.009	153	421	0.027	ng/ul#	93
12) Fluorene	15.008	166	473	0.026	ng/ul#	87
15) Phenanthrene	16.755	178	8602	0.304	ng/ul	99
16) Anthracene	16.844	178	2260	0.085	ng/ul#	90
19) Fluoranthene	18.795	202	21897	0.655	ng/ul	100
20) Pyrene	19.163	202	19690	0.534	ng/ul	99
21) Benzo(a)anthracene	20.944	228	9392	0.303	ng/ul	93
22) Chrysene	20.996	228	10437	0.324	ng/ul	96
24) Benzo(b)fluoranthene	22.437	252	15032m	0.502	ng/ul	
25) Benzo(k)fluoranthene	22.475	252	6097m	0.184	ng/ul	
26) Benzo(a)pyrene	22.957	252	10543	0.364	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.074	276	7831m	0.222	ng/ul	
28) Dibenzo(a,h)anthracene	25.084	278	1662m	0.062	ng/ul	
29) Benzo(g,h,i)perylene	25.691	276	8721	0.308	ng/ul	94

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

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Manual IntegrationsAPPROVED

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