

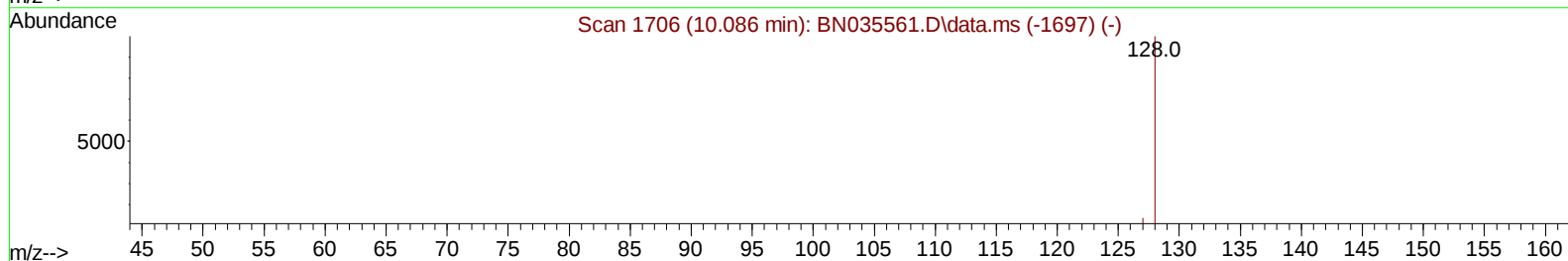
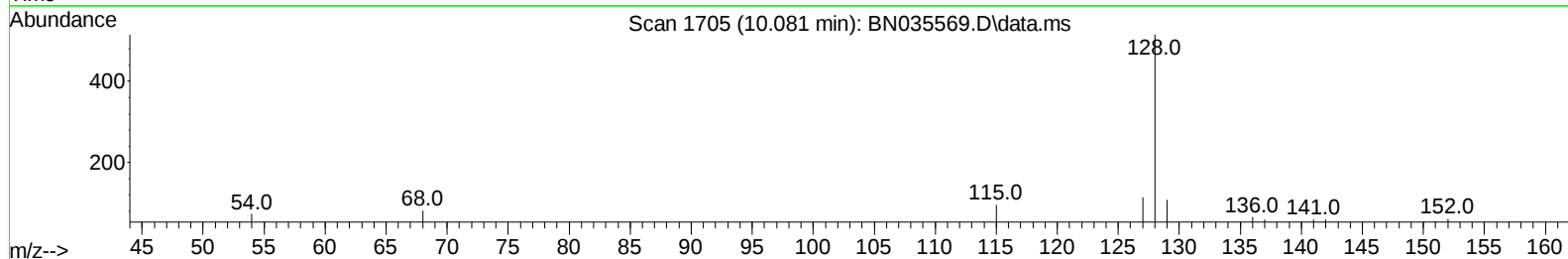
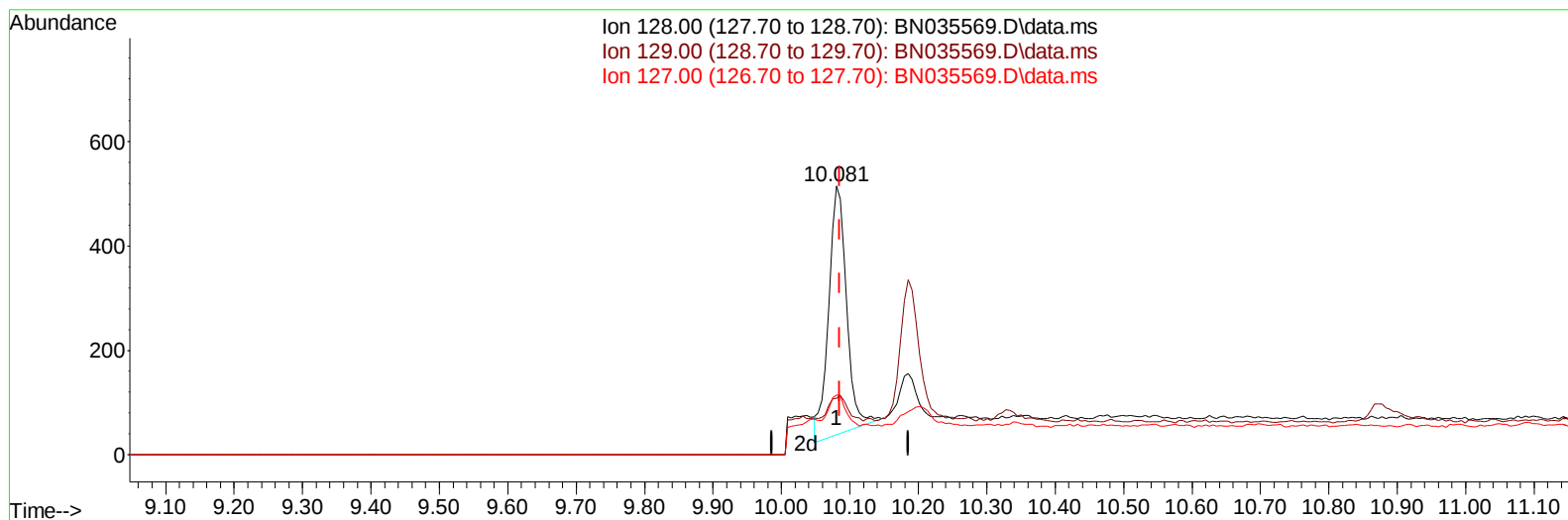
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
 Data File : BN035569.D
 Acq On : 11 Dec 2024 16:41
 Operator : RC/JU
 Sample : P5153-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28P2

Manual IntegrationsAPPROVED

Quant Time: Dec 11 17:54:44 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 Dec 10 16:10:57 2024
 Response via : Initial Calibration

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



TIC: BN035569.D\data.ms

(5) Naphthalene

10.081min (-0.005) 0.05 ng/u1

response 865

Ion	Exp%	Act%
128.00	100.00	100.00
129.00	12.40	20.97#
127.00	14.30	22.14#
0.00	0.00	0.00

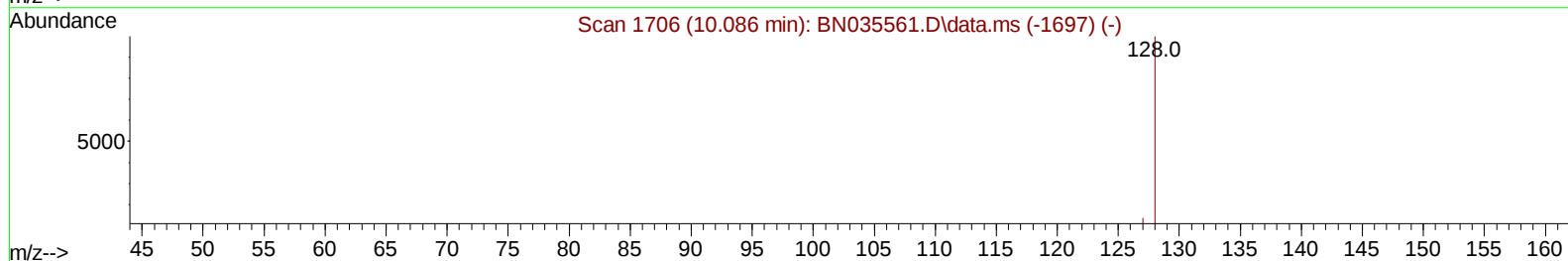
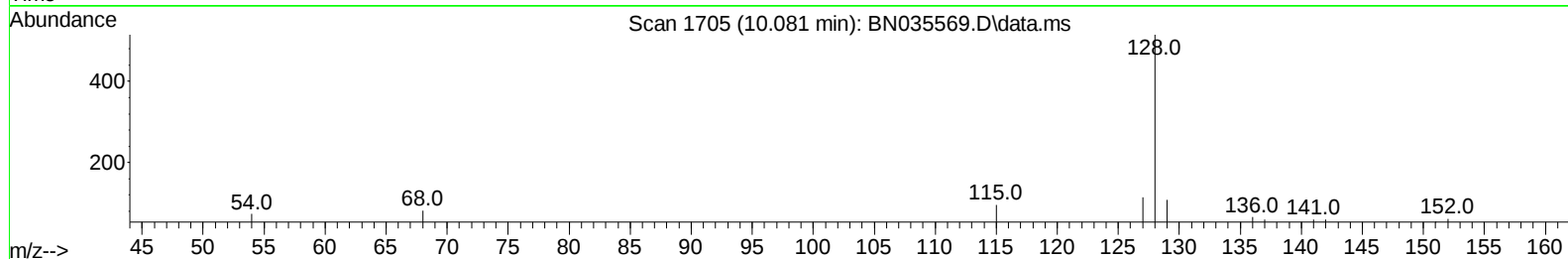
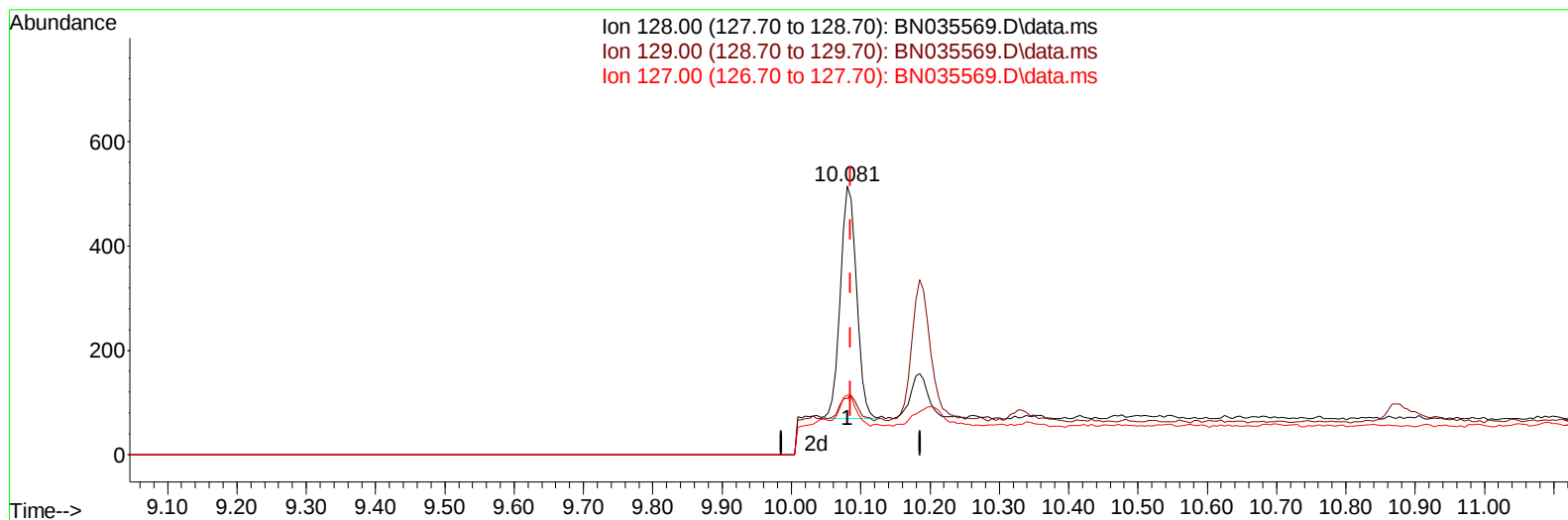
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
Data File : BN035569.D
Acq On : 11 Dec 2024 16:41
Operator : RC/JU
Sample : P5153-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28P2

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/12/2024
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Quant Time: Dec 11 17:54:44 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 10 16:10:57 2024
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TIC: BN035569.D\data.ms

(5) Naphthalene

10.081min (-0.005) 0.04 ng/ul m

response 724

Ion	Exp%	Act%
128.00	100.00	100.00
129.00	12.40	20.97#
127.00	14.30	22.14#
0.00	0.00	0.00

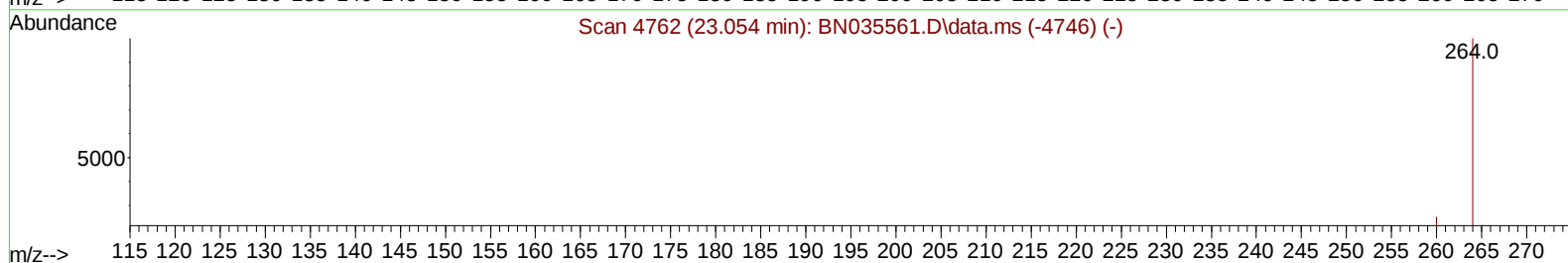
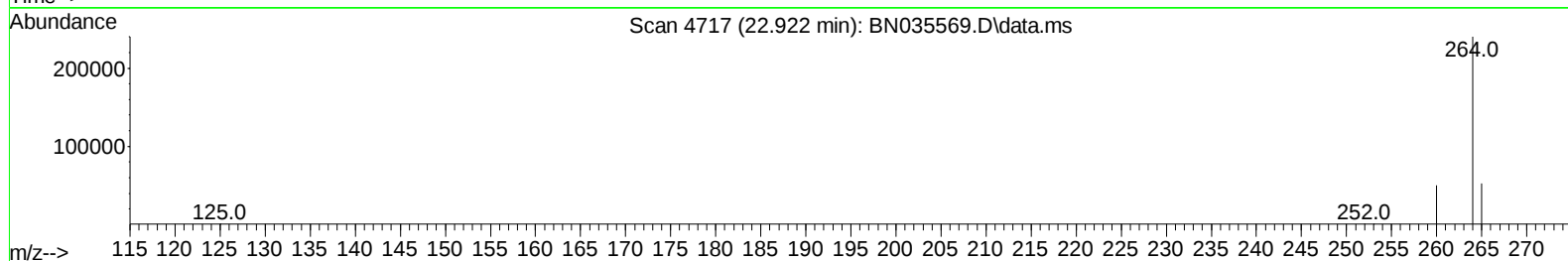
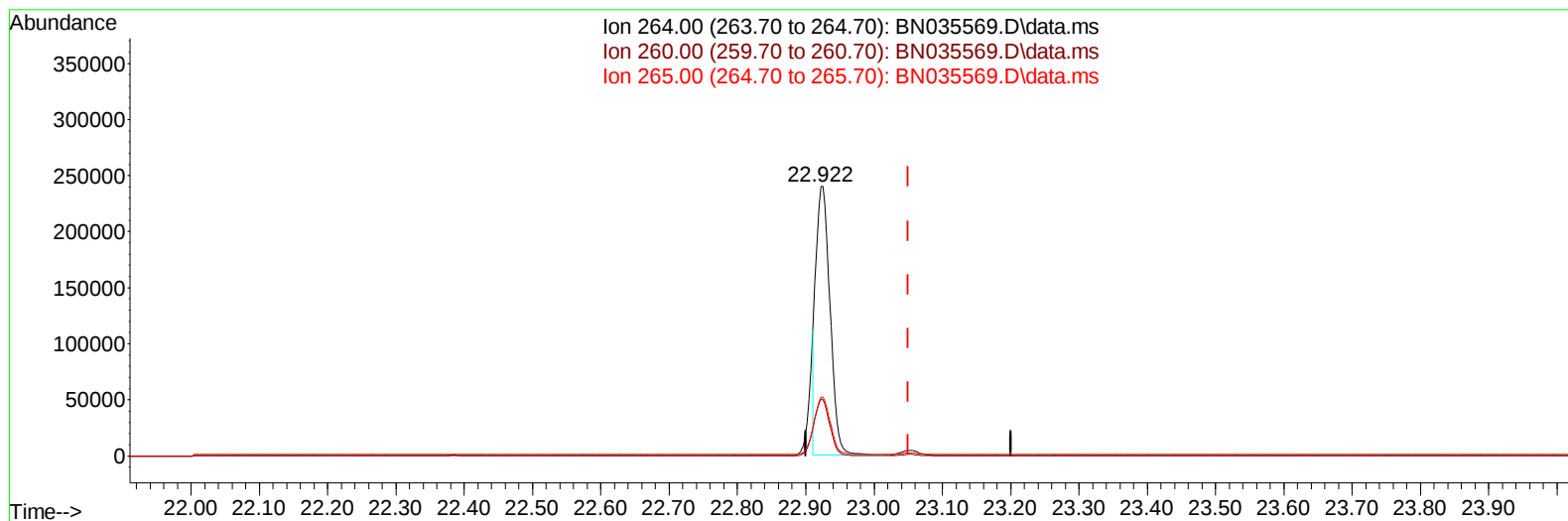
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
Data File : BN035569.D
Acq On : 11 Dec 2024 16:41
Operator : RC/JU
Sample : P5153-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28P2

Manual IntegrationsAPPROVED

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TIC: BN035569.D\data.ms

(23) Perylene-d12 (I)

22.922min (-0.128) 0.40 ng/u1

response 341444

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.20	21.03
265.00	75.50	21.76#
0.00	0.00	0.00

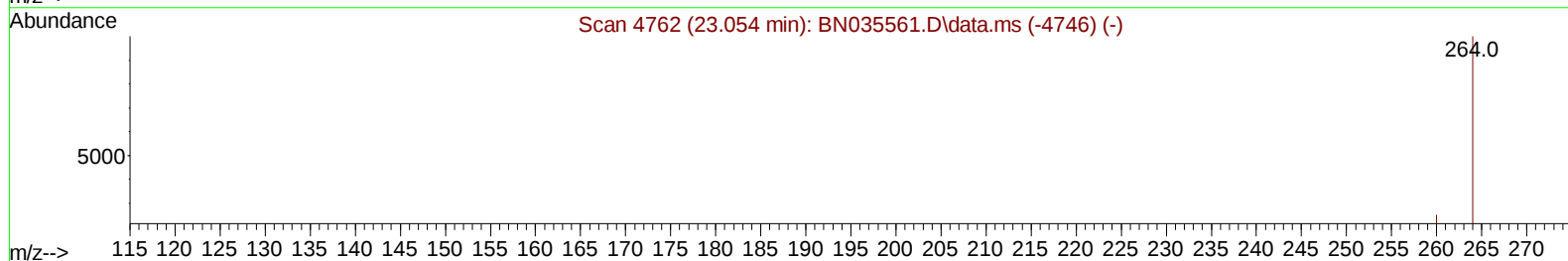
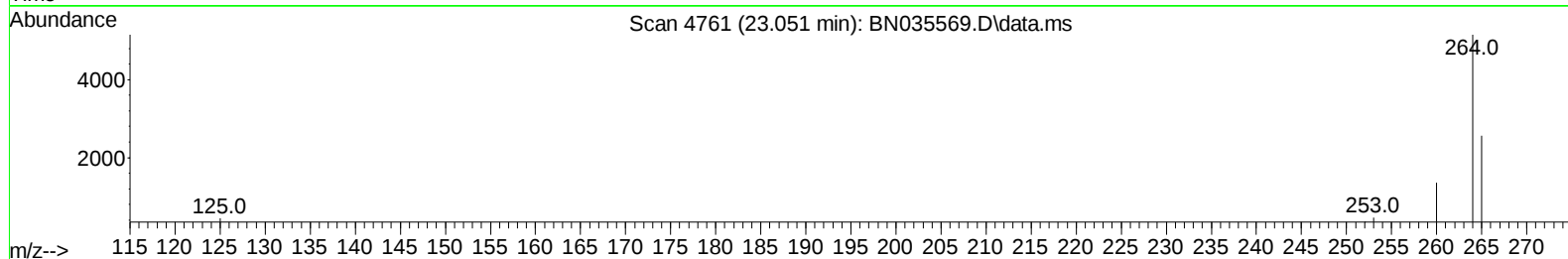
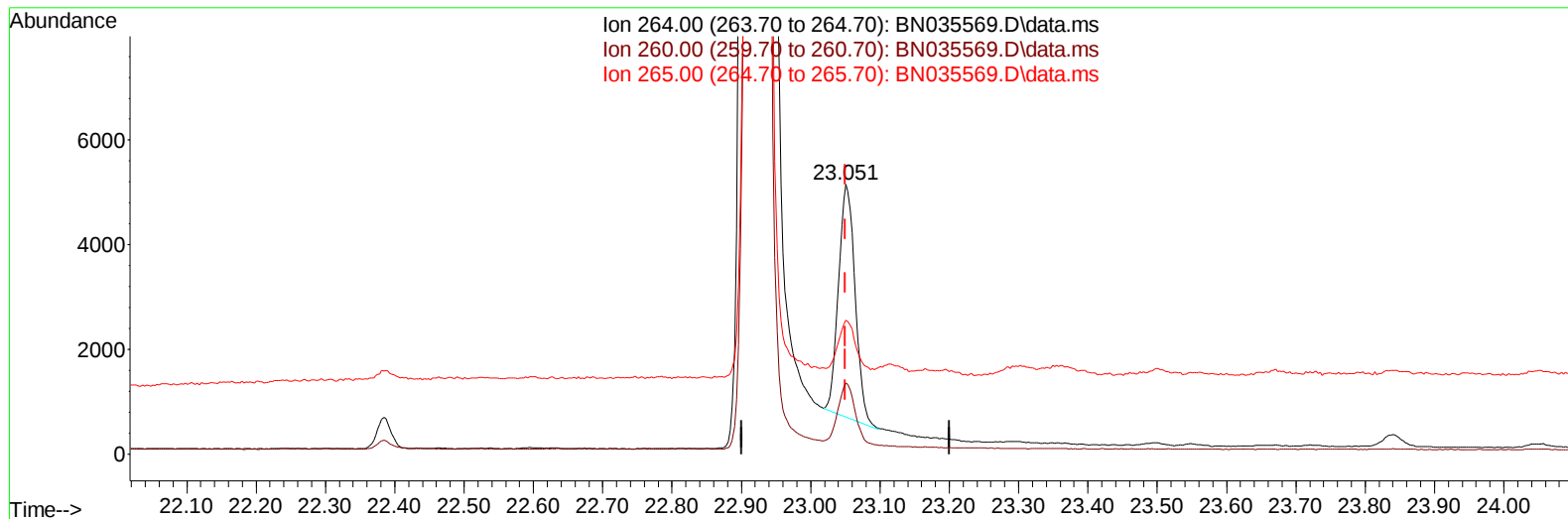
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
Data File : BN035569.D
Acq On : 11 Dec 2024 16:41
Operator : RC/JU
Sample : P5153-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28P2

Manual IntegrationsAPPROVED

Quant Time: Dec 11 17:54:44 2024
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TIC: BN035569.D\data.ms

(23) Perylene-d12 (I)

23.051min (+ 0.000) 0.40 ng/ul m

response 7349

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.20	26.23
265.00	75.50	49.70#
0.00	0.00	0.00

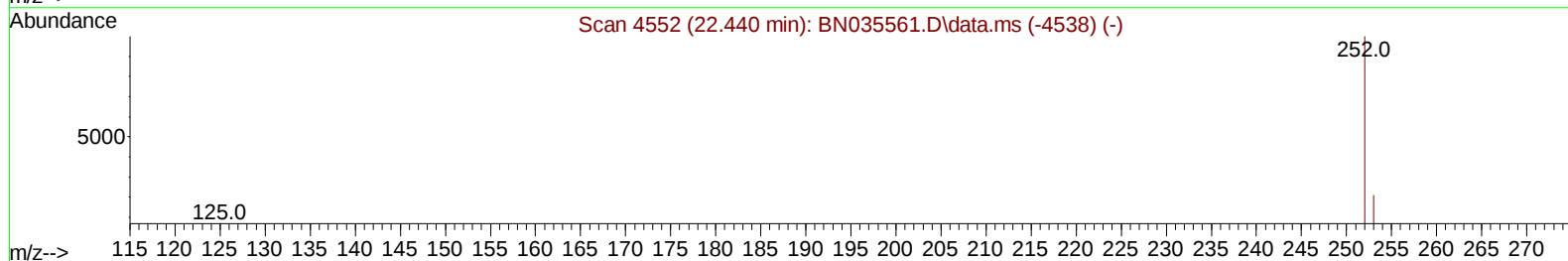
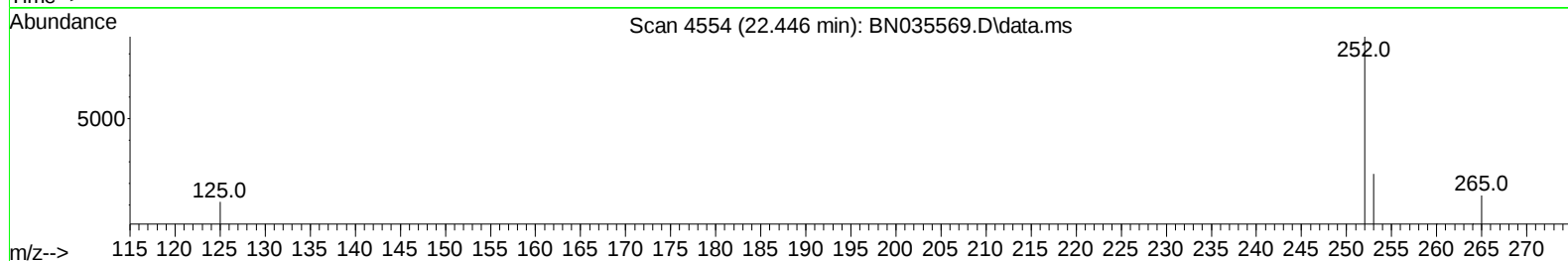
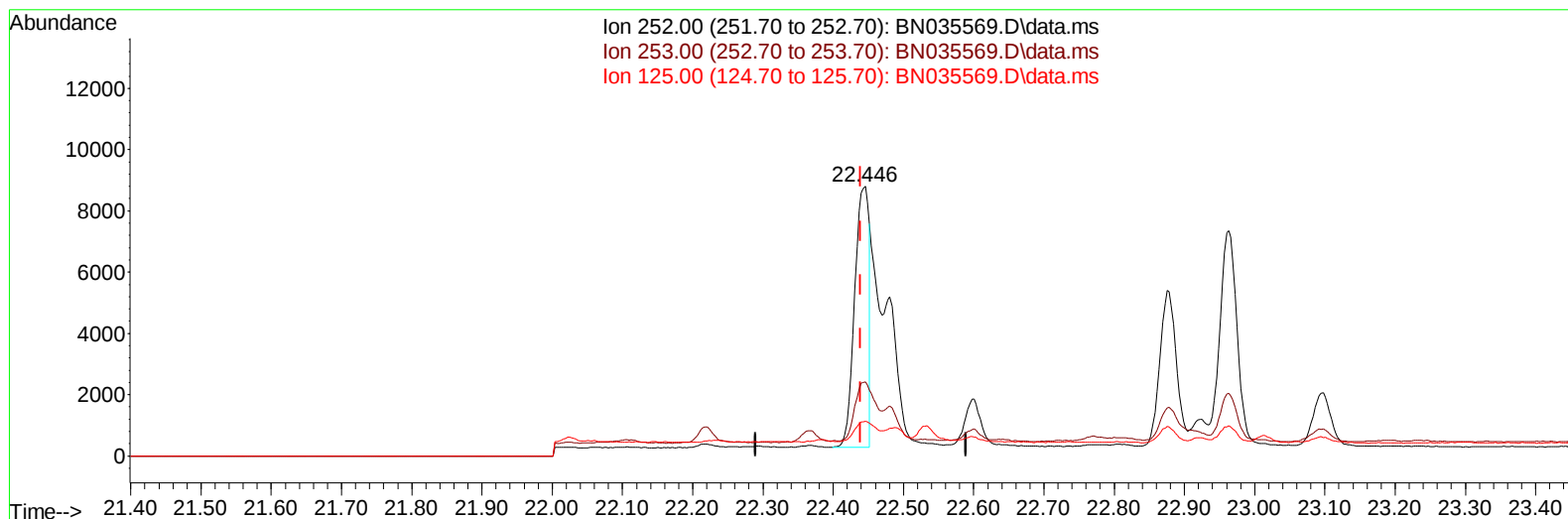
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
Data File : BN035569.D
Acq On : 11 Dec 2024 16:41
Operator : RC/JU
Sample : P5153-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
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E28P2

Manual IntegrationsAPPROVED

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TIC: BN035569.D\data.ms

(24) Benzo(b)fluoranthene

22.446min (+ 0.006) 0.50 ng/u1

response 12110

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	27.55
125.00	9.70	12.76
0.00	0.00	0.00

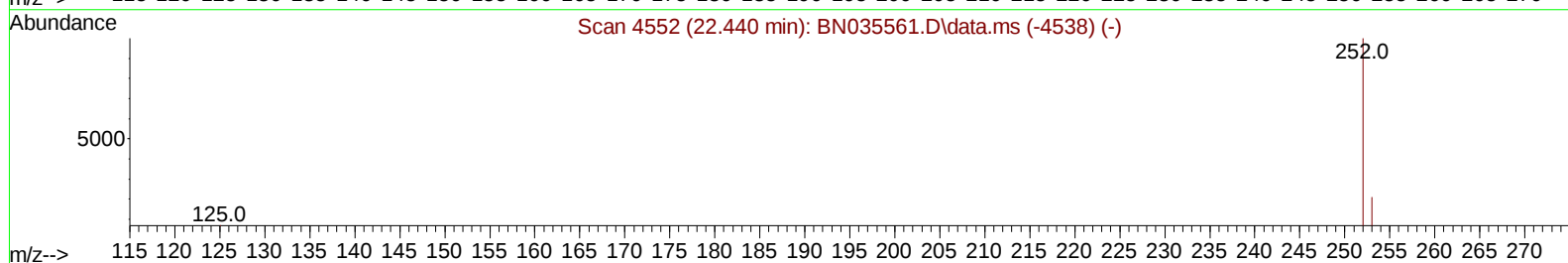
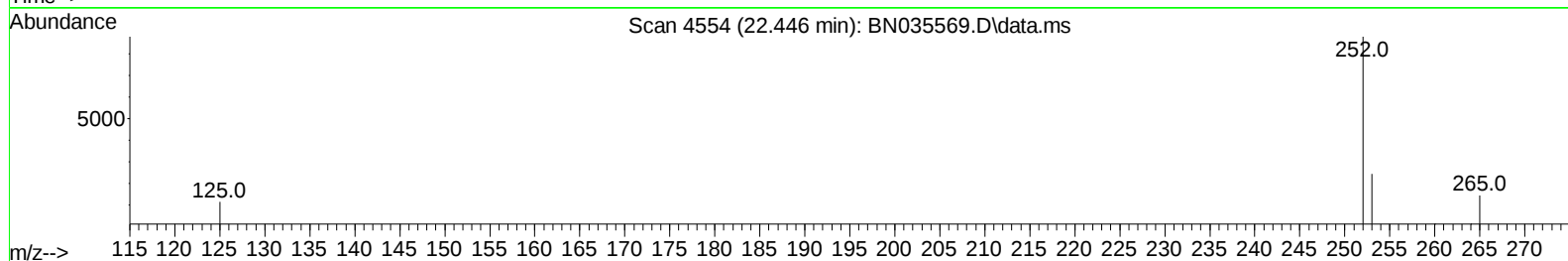
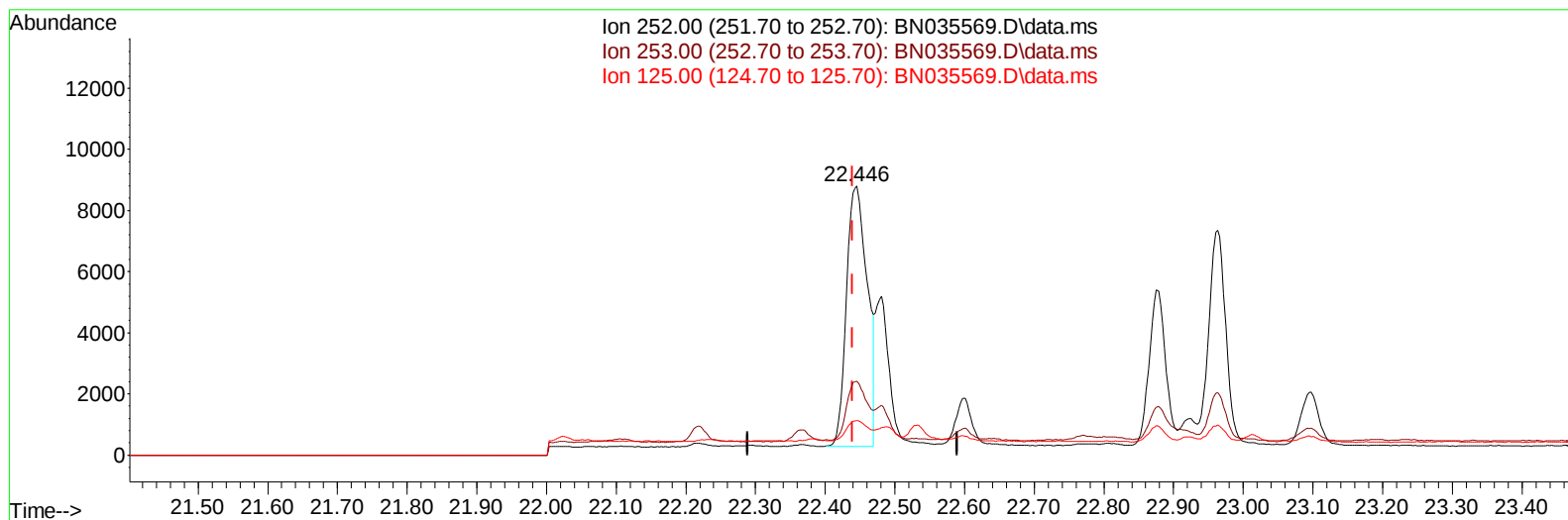
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
Data File : BN035569.D
Acq On : 11 Dec 2024 16:41
Operator : RC/JU
Sample : P5153-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28P2

Manual IntegrationsAPPROVED

Quant Time: Dec 11 17:54:44 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 Dec 10 16:10:57 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/12/2024
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TIC: BN035569.D\data.ms

(24) Benzo(b)fluoranthene

22.446min (+ 0.006) 0.73 ng/u1 m

response 17651

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	27.55
125.00	9.70	12.76
0.00	0.00	0.00

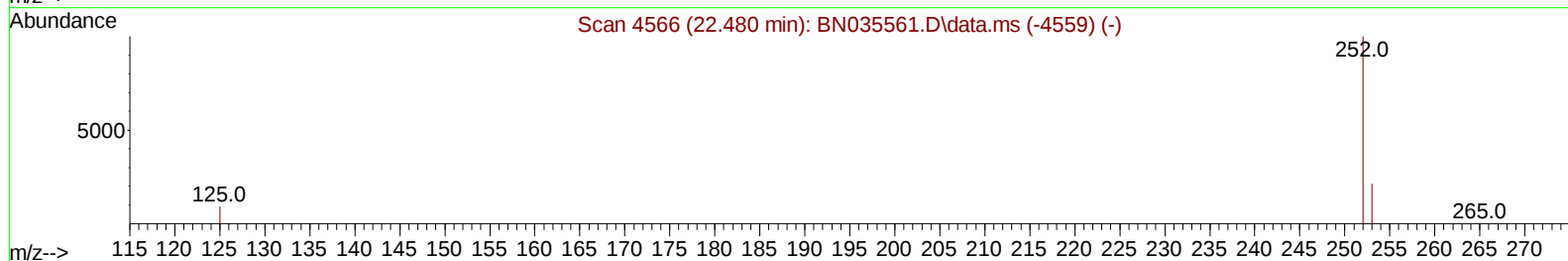
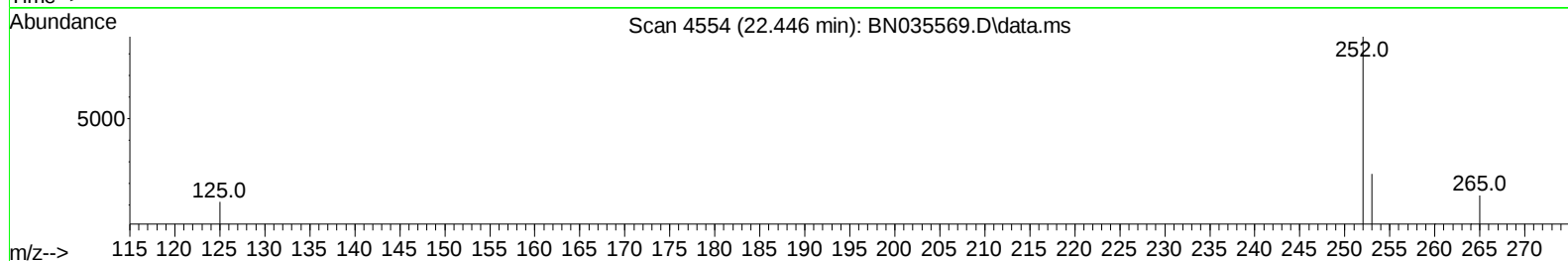
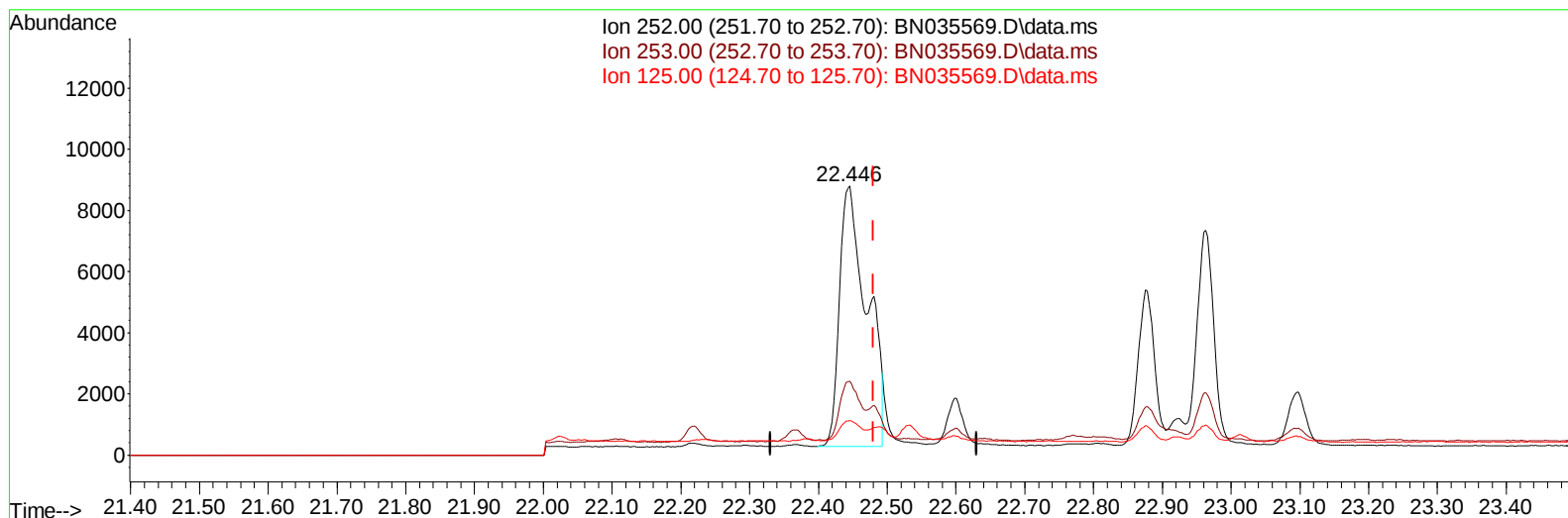
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Data File : BN035569.D
Acq On : 11 Dec 2024 16:41
Operator : RC/JU
Sample : P5153-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28P2

Manual IntegrationsAPPROVED

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Quant Time: Dec 11 17:54:44 2024
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QLast Update : Tue Dec 10 16:10:57 2024
Response via : Initial Calibration



TIC: BN035569.D\data.ms

(25) Benzo(k)fluoranthene

22.446min (-0.035) 0.93 ng/u1

response 23411

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.20	27.55
125.00	10.70	12.76
0.00	0.00	0.00

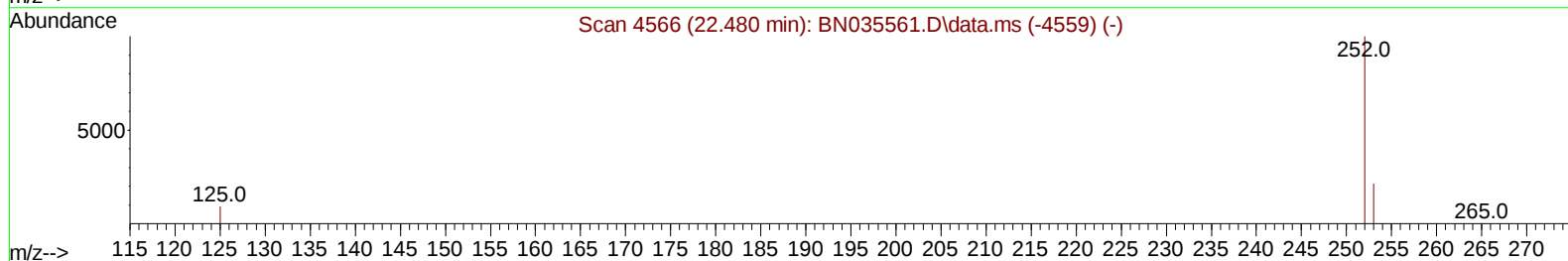
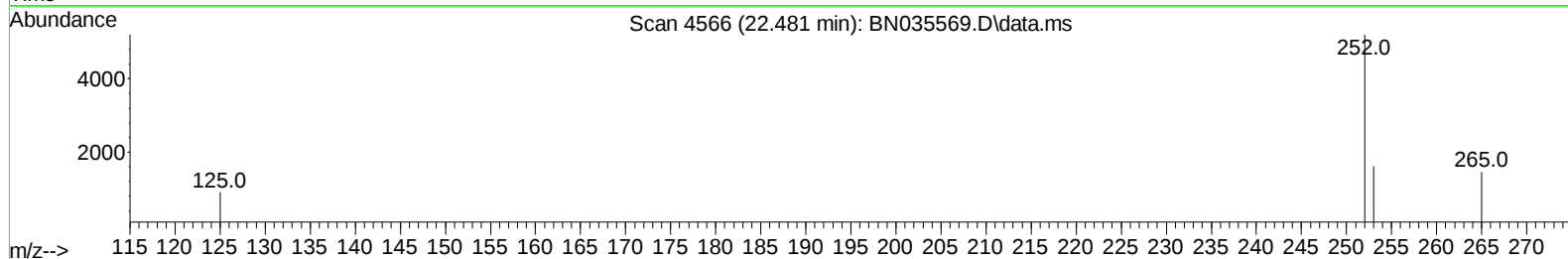
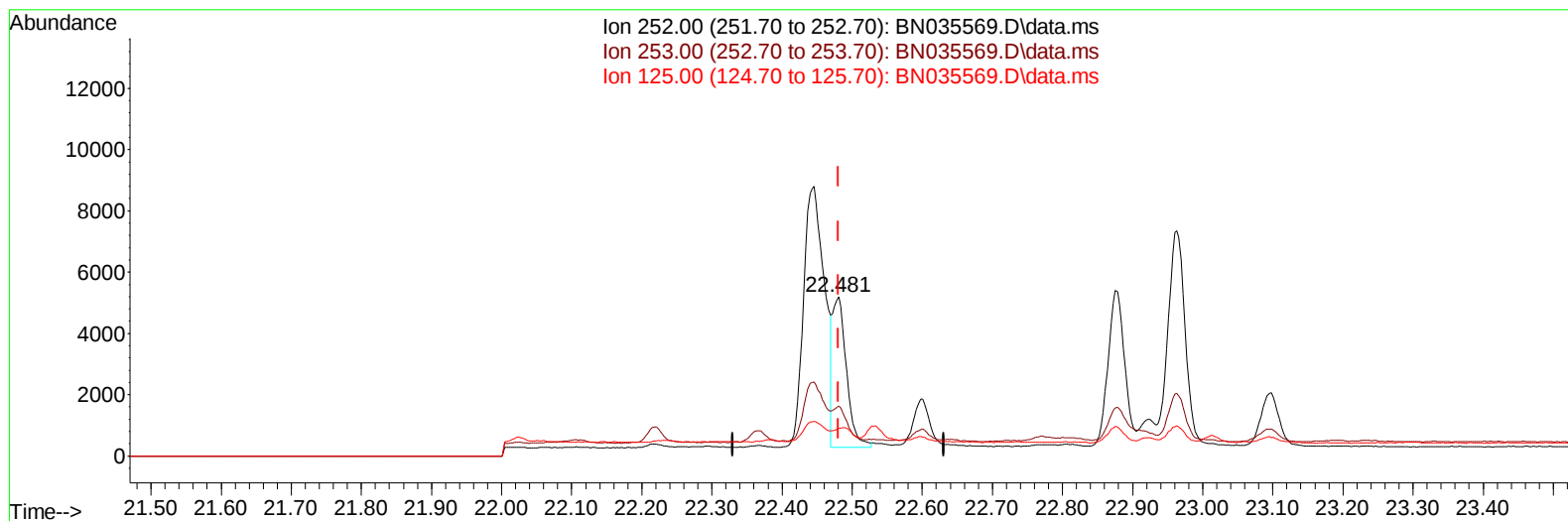
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Data File : BN035569.D
Acq On : 11 Dec 2024 16:41
Operator : RC/JU
Sample : P5153-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28P2

Manual IntegrationsAPPROVED

Quant Time: Dec 11 17:54:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
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QLast Update : Tue Dec 10 16:10:57 2024
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TIC: BN035569.D\data.ms

(25) Benzo(k)fluoranthene

22.481min (+ 0.000) 0.27 ng/u1 m

response 6758

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.20	31.19
125.00	10.70	17.41#
0.00	0.00	0.00

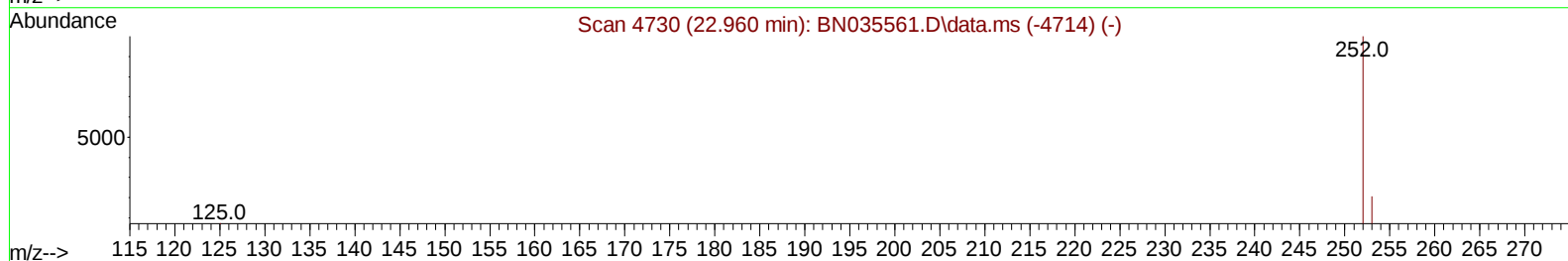
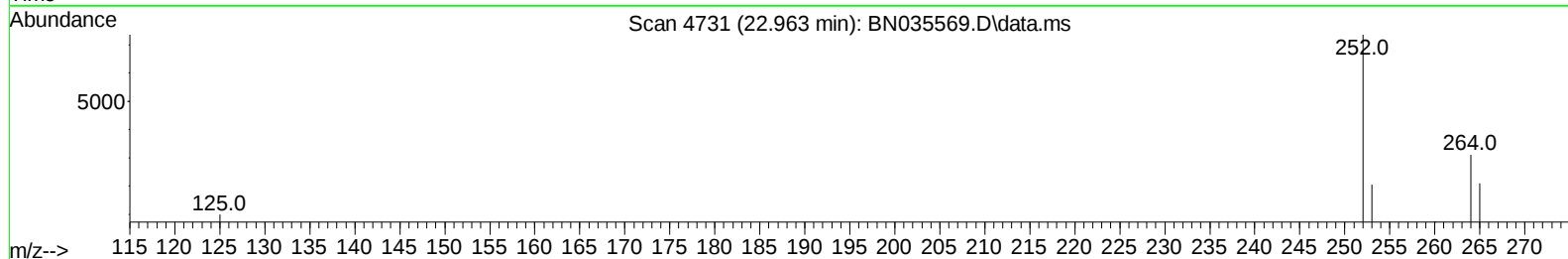
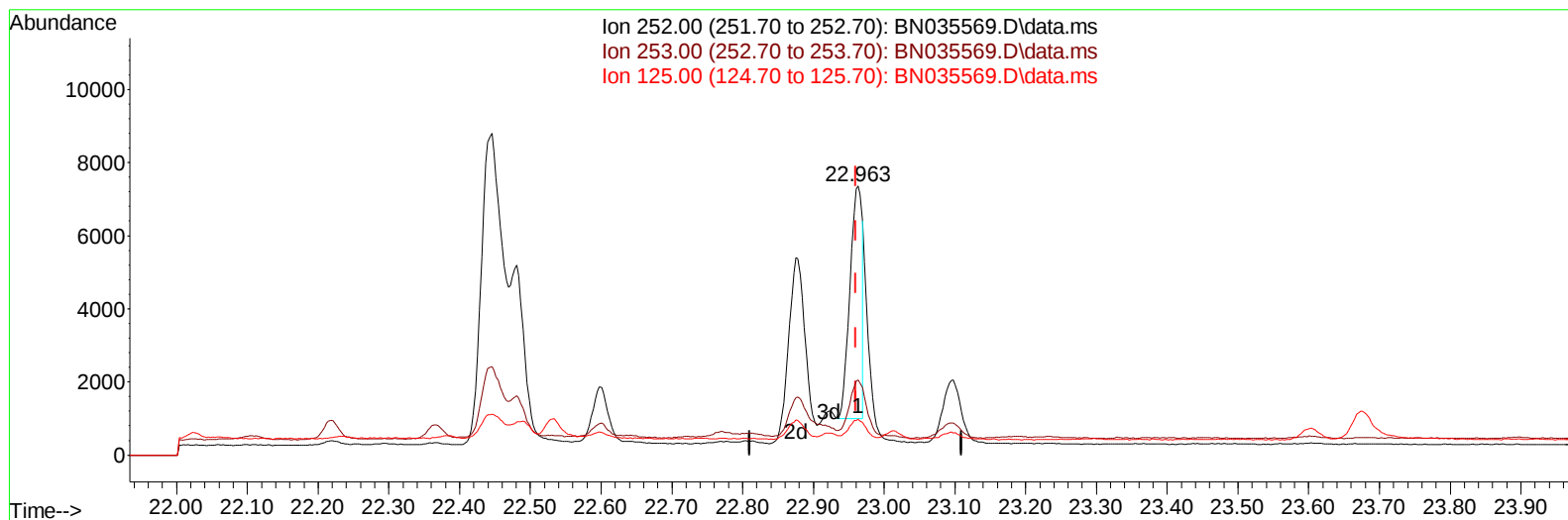
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Data File : BN035569.D
Acq On : 11 Dec 2024 16:41
Operator : RC/JU
Sample : P5153-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28P2

Manual IntegrationsAPPROVED

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TIC: BN035569.D\data.ms

(26) Benzo(a)pyrene (C)

22.963min (+ 0.003) 0.34 ng/u1

response 7582

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.60	27.85
125.00	11.80	13.34
0.00	0.00	0.00

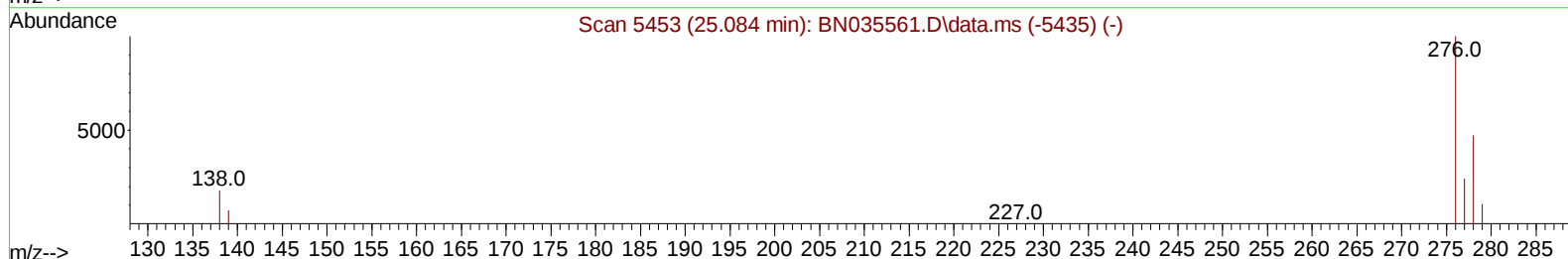
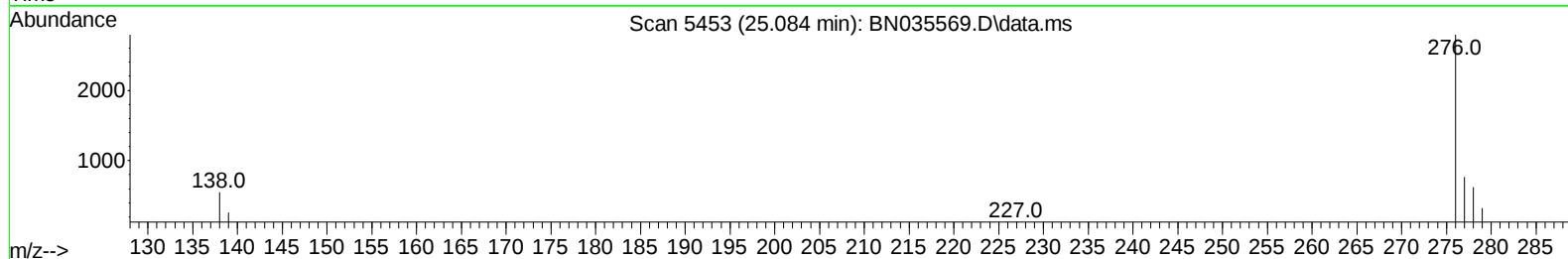
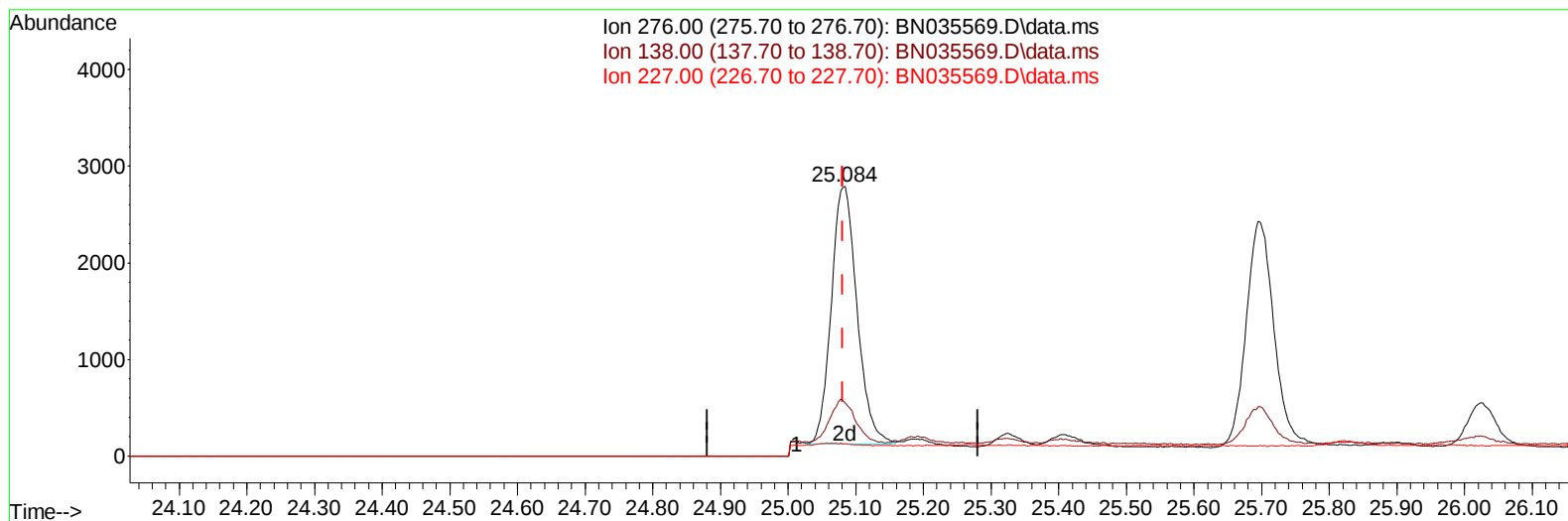
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Data File : BN035569.D
Acq On : 11 Dec 2024 16:41
Operator : RC/JU
Sample : P5153-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BN035569.D\data.ms

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

25.084min (+ 0.004) 0.24 ng/ul m

response 7068

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

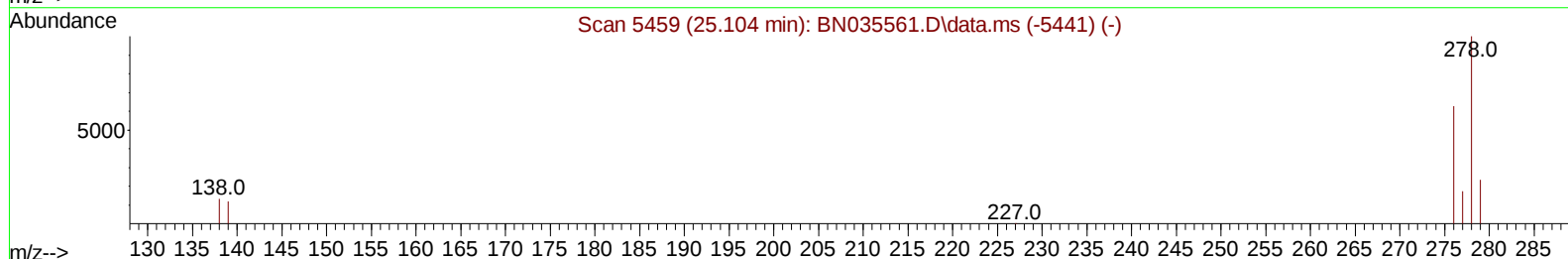
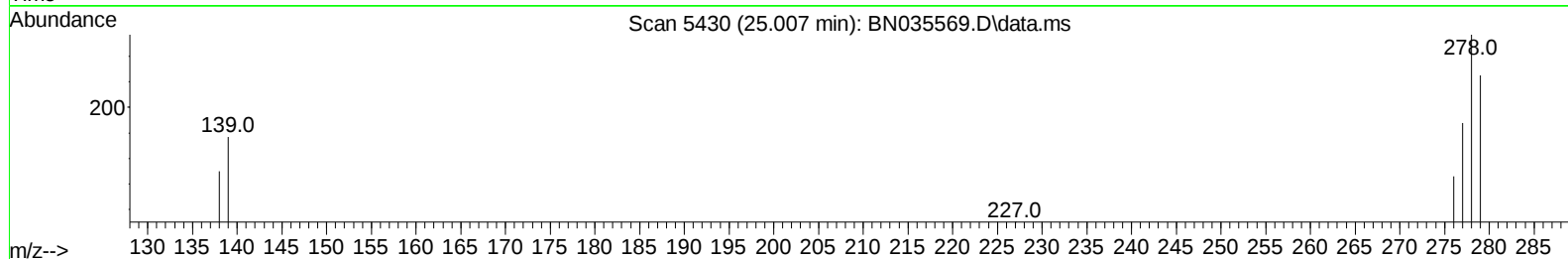
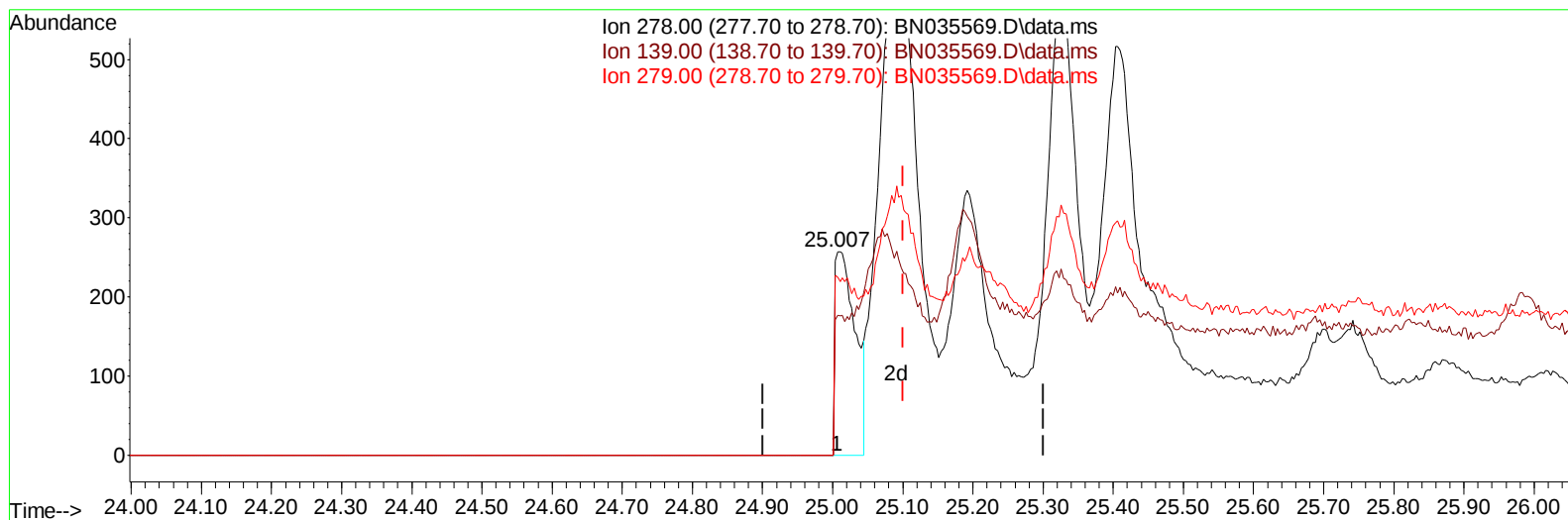
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
Data File : BN035569.D
Acq On : 11 Dec 2024 16:41
Operator : RC/JU
Sample : P5153-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BN035569.D\data.ms

(28) Dibenzo(a,h)anthracene

25.007min (-0.094) 0.02 ng/u1

response 511

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.40	68.87#
279.00	28.50	87.55#
0.00	0.00	0.00

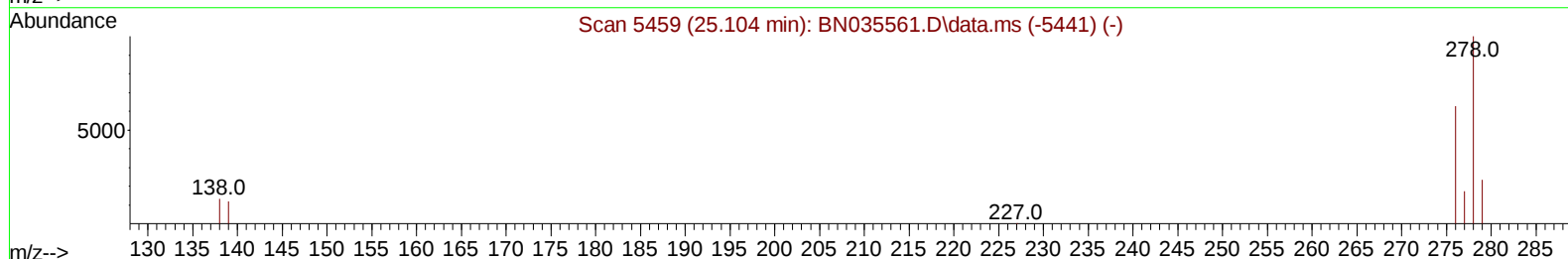
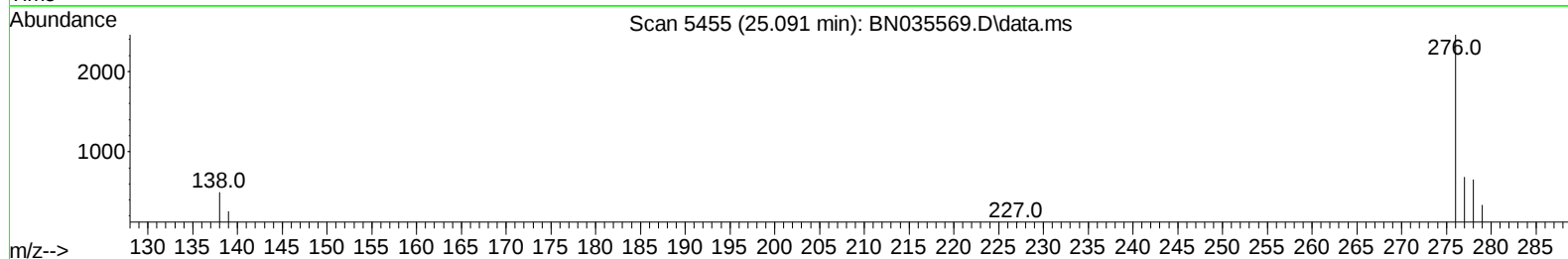
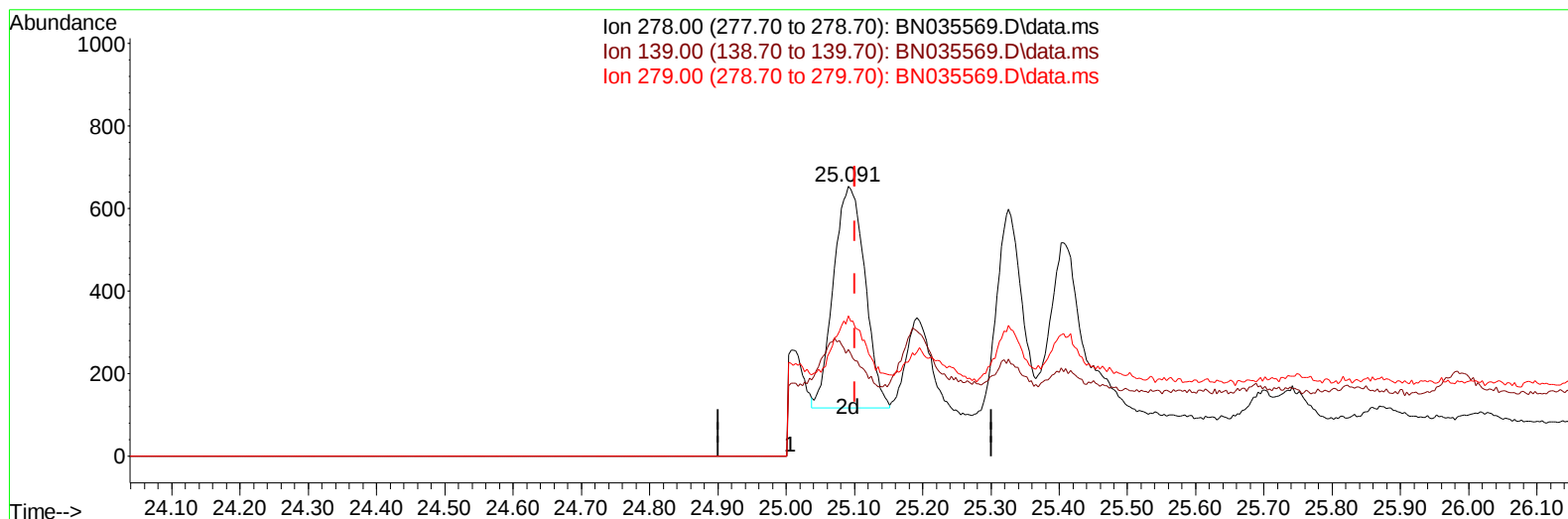
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
Data File : BN035569.D
Acq On : 11 Dec 2024 16:41
Operator : RC/JU
Sample : P5153-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28P2

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 12/12/2024



TIC: BN035569.D\data.ms

(28) Dibenzo(a,h)anthracene

25.091min (-0.010) 0.07 ng/ul m

response 1721

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.40	39.51#
279.00	28.50	52.07#
0.00	0.00	0.00

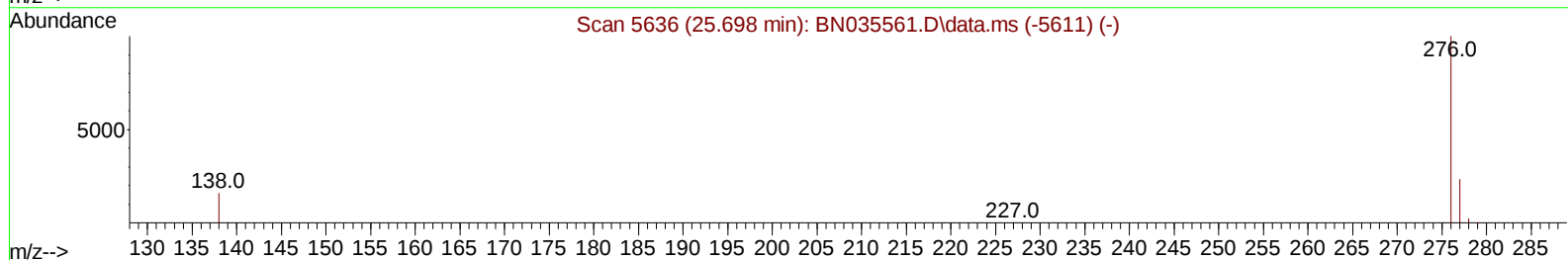
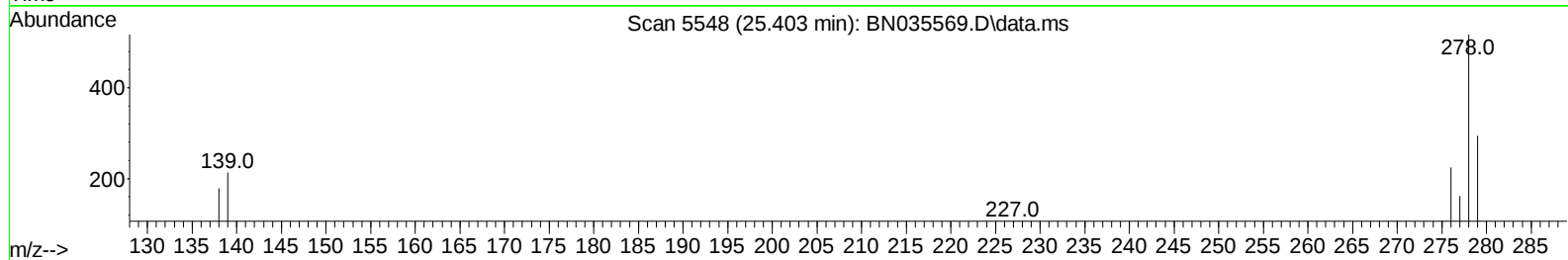
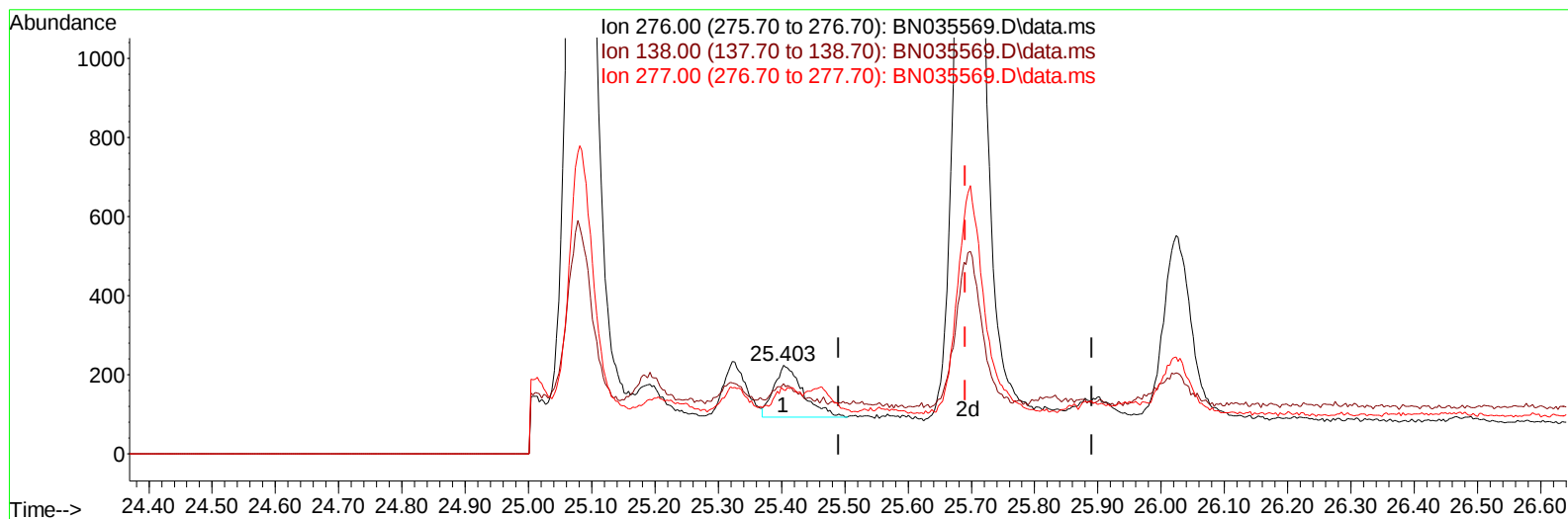
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Data File : BN035569.D
Acq On : 11 Dec 2024 16:41
Operator : RC/JU
Sample : P5153-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28P2

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 12/12/2024



TIC: BN035569.D\data.ms

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

25.403min (-0.288) 0.02 ng/u1

response 419

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	16.30	79.91#
277.00	25.60	72.32#
0.00	0.00	0.00

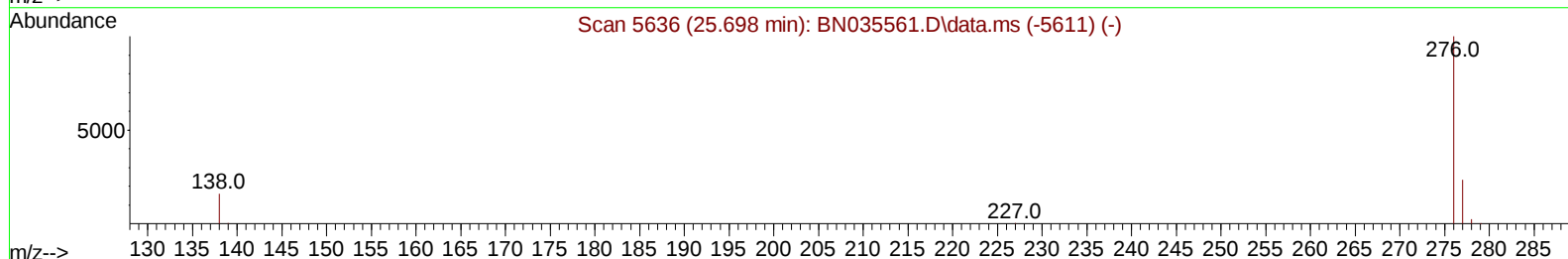
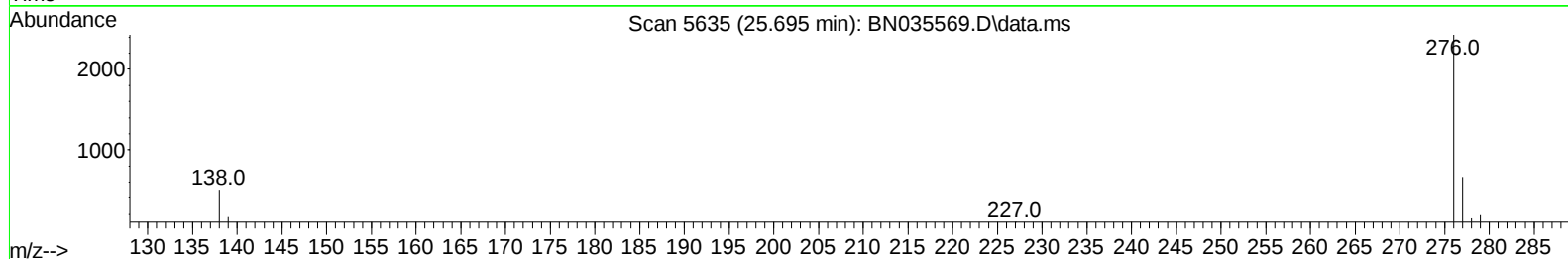
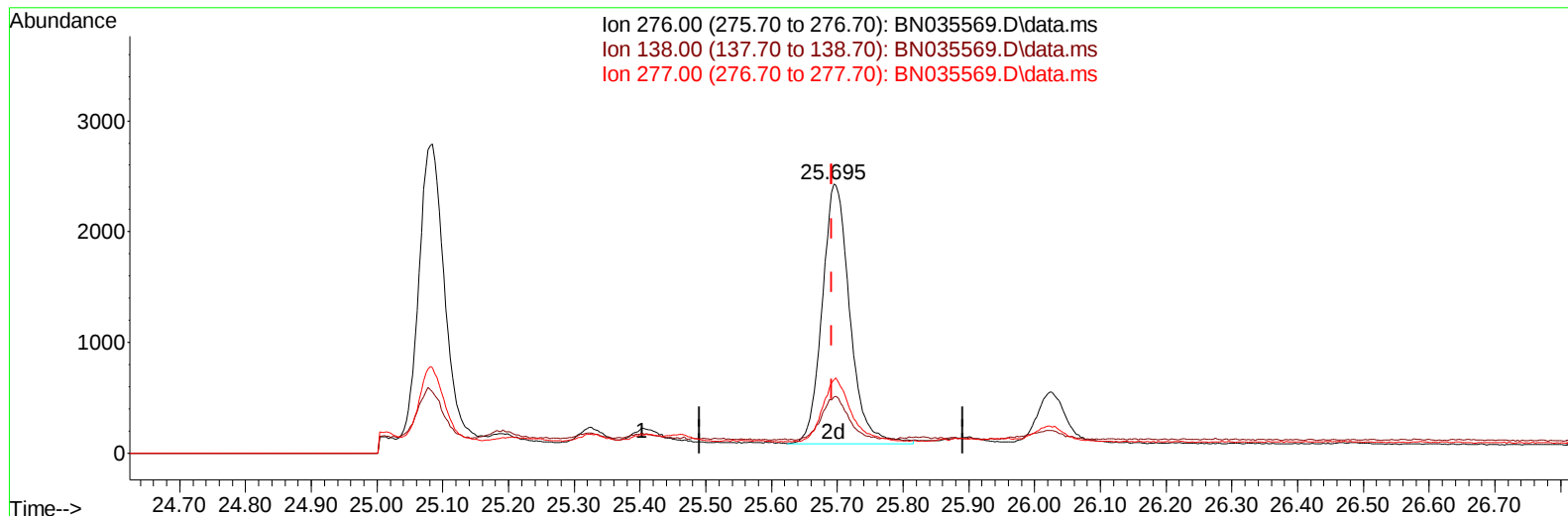
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
Data File : BN035569.D
Acq On : 11 Dec 2024 16:41
Operator : RC/JU
Sample : P5153-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28P2

Manual IntegrationsAPPROVED

Quant Time: Dec 11 17:54:44 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 Dec 10 16:10:57 2024
Response via : Initial Calibration

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



TIC: BN035569.D\data.ms

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

25.695min (+ 0.004) 0.29 ng/u1 m

response 6892

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	16.30	20.96#
277.00	25.60	27.17
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
 Data File : BN035569.D
 Acq On : 11 Dec 2024 16:41
 Operator : RC/JU
 Sample : P5153-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.289	152	2521	0.400	ng/ul	0.00
4) Naphthalene-d8	10.037	136	7339	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.949	164	5023	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.717	188	10737	0.400	ng/ul	0.00
17) Chrysene-d12	20.964	240	8459	0.400	ng/ul	0.00
23) Perylene-d12	23.051	264	7349m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.964	96	8214	3.565	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.637	152	2258	0.210	ng/ul	0.00
18) Fluoranthene-d10	18.768	212	5377	0.230	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.081	128	724m	0.039	ng/ul	
7) 2-Methylnaphthalene	11.714	142	494	0.039	ng/ul	99
8) 1-Methylnaphthalene	11.939	142	409	0.032	ng/ul	99
10) Acenaphthylene	13.662	152	1501	0.075	ng/ul#	90
11) Acenaphthene	14.009	153	502	0.033	ng/ul	94
12) Fluorene	15.013	166	667	0.037	ng/ul#	94
15) Phenanthrene	16.755	178	15612	0.550	ng/ul	99
16) Anthracene	16.848	178	3982	0.151	ng/ul	96
19) Fluoranthene	18.800	202	34860	1.184	ng/ul	100
20) Pyrene	19.167	202	30564	0.997	ng/ul	97
21) Benzo(a)anthracene	20.947	228	15178	0.517	ng/ul	97
22) Chrysene	20.999	228	15268	0.517	ng/ul	97
24) Benzo(b)fluoranthene	22.446	252	17651m	0.727	ng/ul	
25) Benzo(k)fluoranthene	22.481	252	6758m	0.270	ng/ul	
26) Benzo(a)pyrene	22.963	252	11902m	0.536	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.084	276	7068m	0.236	ng/ul	
28) Dibenzo(a,h)anthracene	25.091	278	1721m	0.073	ng/ul	
29) Benzo(g,h,i)perylene	25.695	276	6892m	0.292	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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Manual IntegrationsAPPROVED

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