

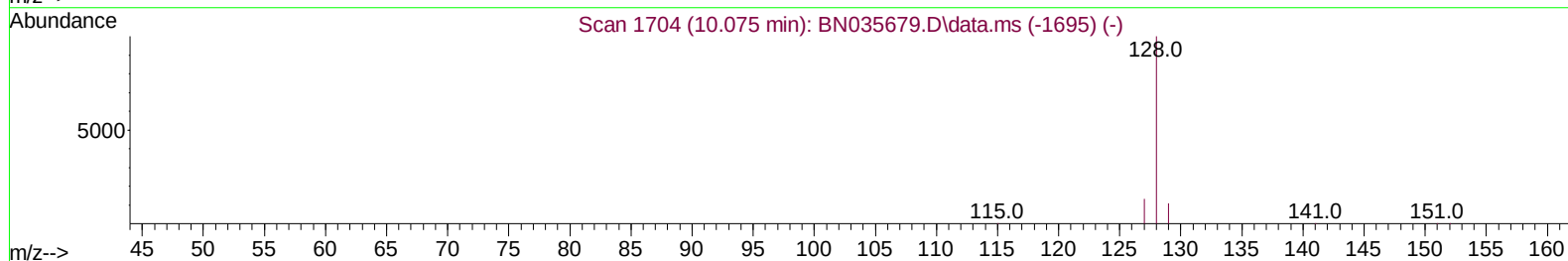
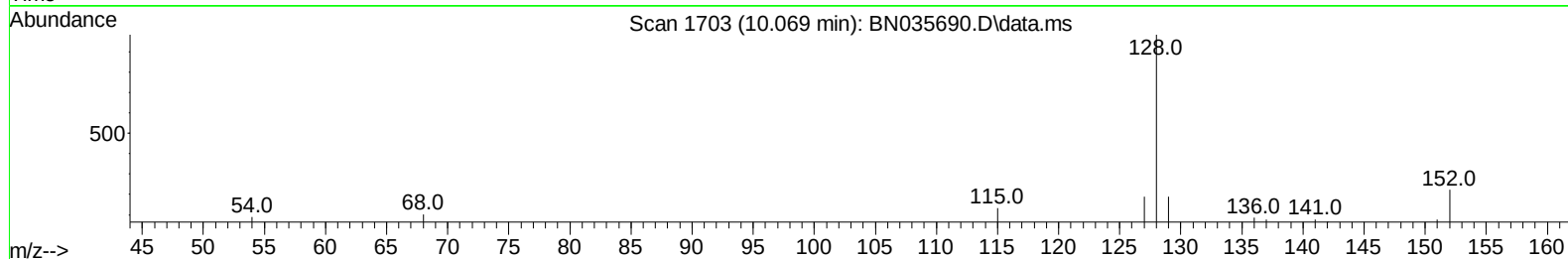
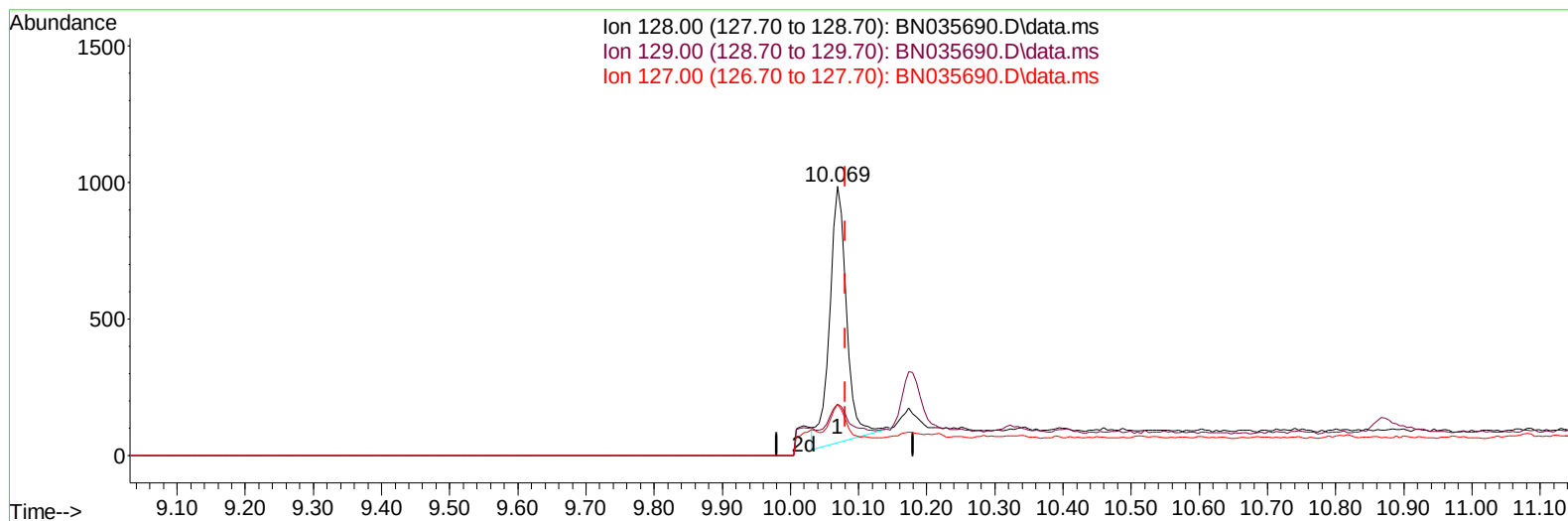
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035690.D
Acq On : 19 Dec 2024 03:42
Operator : RC/JU
Sample : P5258-17
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28Y0

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024

Quant Time: Dec 19 06:41:15 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



TIC: BN035690.D\data.ms

(5) Naphthalene

10.069min (-0.011) 0.08 ng/u1

response 1644

Ion	Exp%	Act%
128.00	100.00	100.00
129.00	13.50	19.09#
127.00	15.00	19.09#
0.00	0.00	0.00

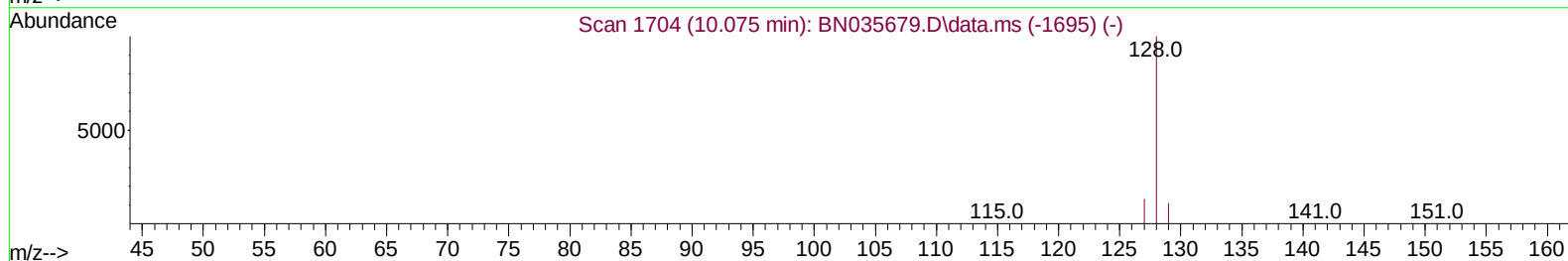
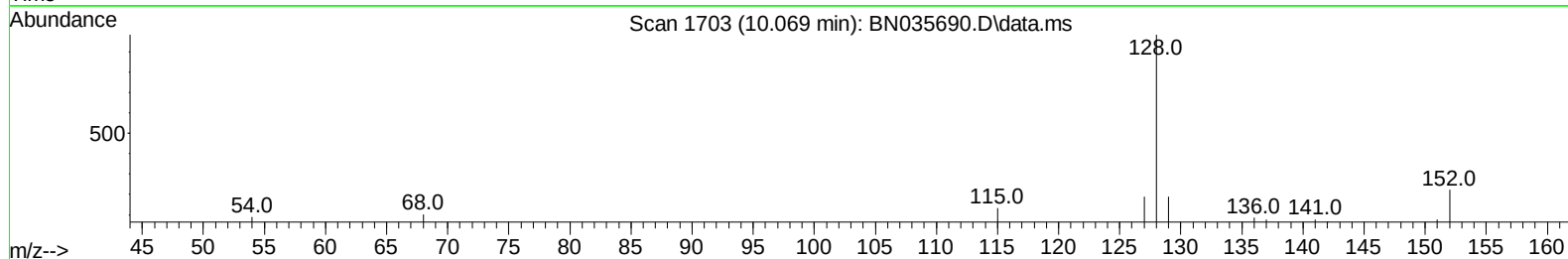
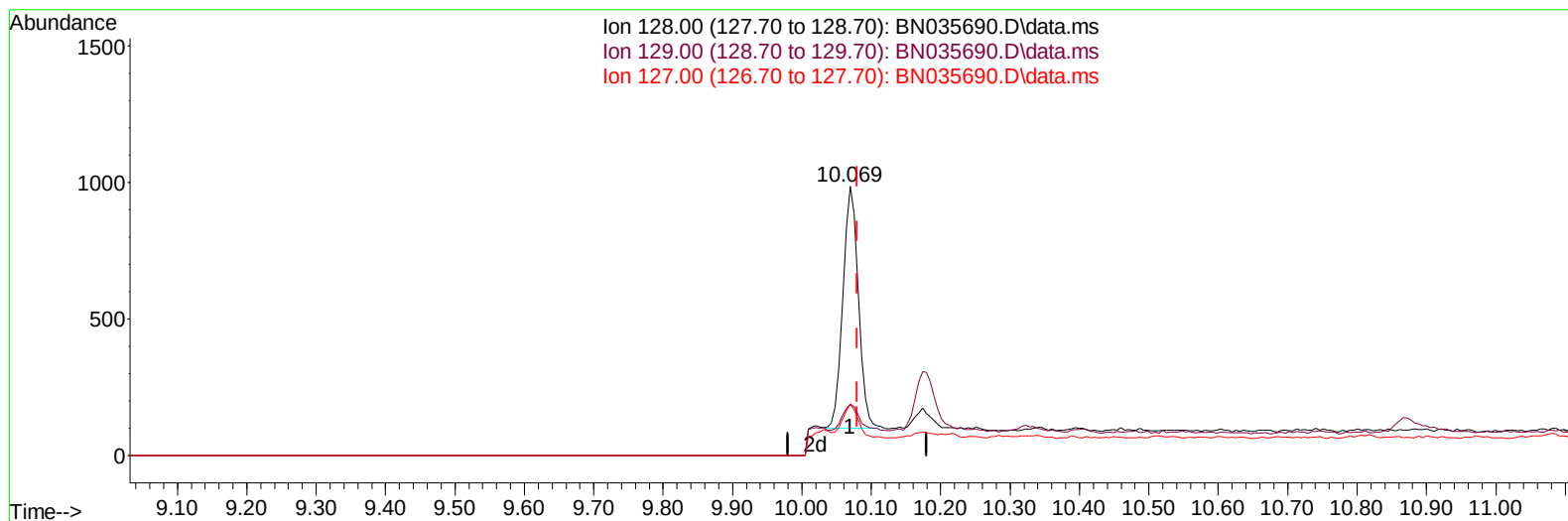
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035690.D
Acq On : 19 Dec 2024 03:42
Operator : RC/JU
Sample : P5258-17
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual IntegrationsAPPROVED

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:26:08 2024
Response via : Initial Calibration

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TIC: BN035690.D\data.ms

(5) Naphthalene

10.069min (-0.011) 0.07 ng/ul m

response 1368

Ion	Exp%	Act%
128.00	100.00	100.00
129.00	13.50	19.09#
127.00	15.00	19.09#
0.00	0.00	0.00

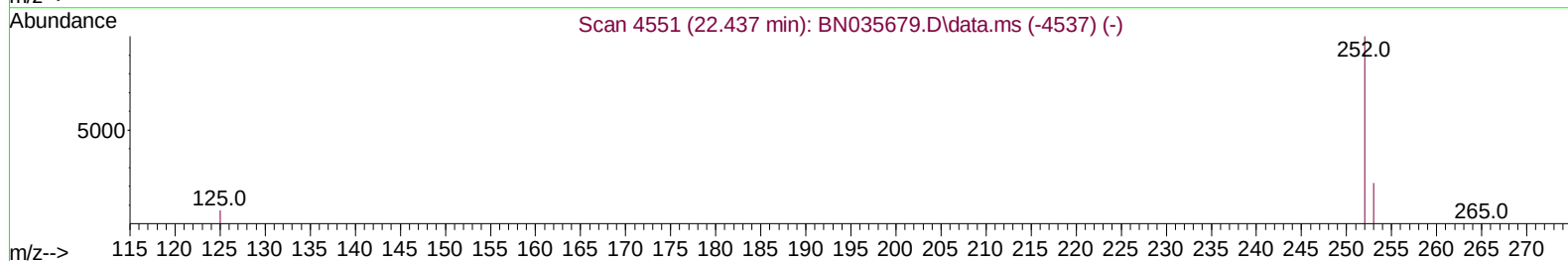
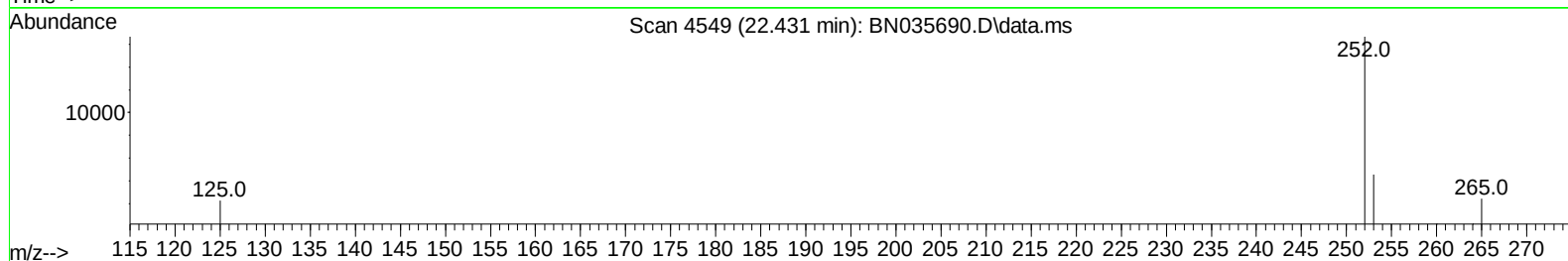
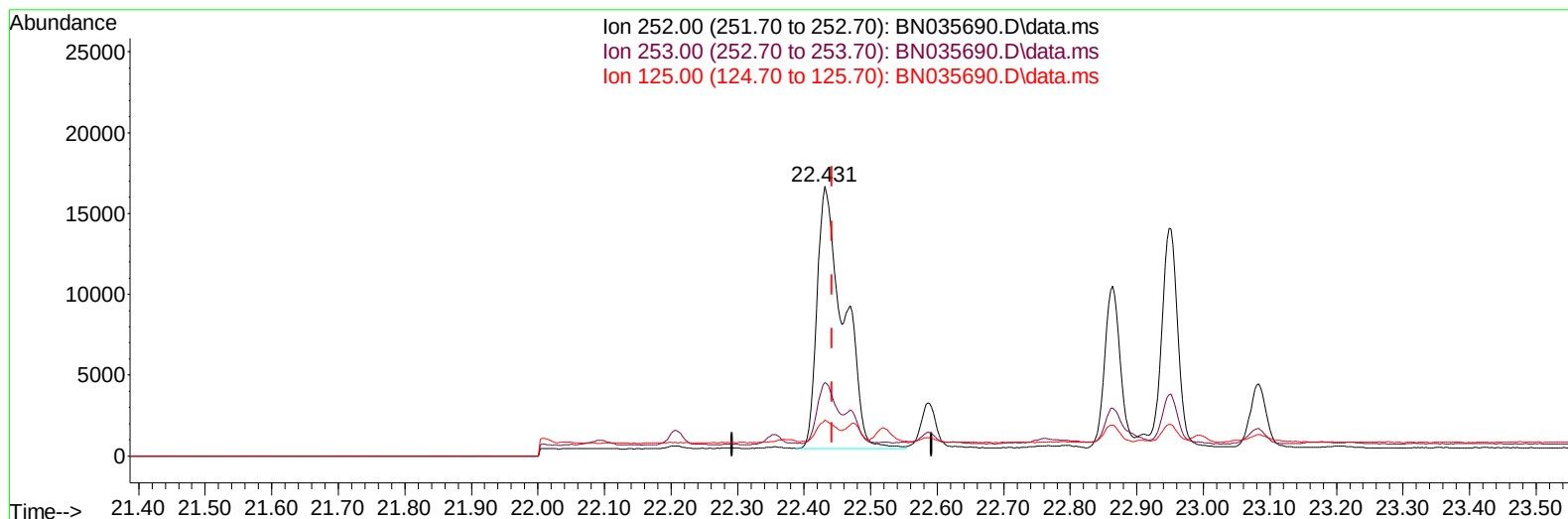
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035690.D
Acq On : 19 Dec 2024 03:42
Operator : RC/JU
Sample : P5258-17
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
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Manual IntegrationsAPPROVED

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TIC: BN035690.D\data.ms

(24) Benzo(b)fluoranthene

22.431min (-0.012) 1.10 ng/u1

response 44746

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.20	27.20
125.00	18.80	13.37
0.00	0.00	0.00

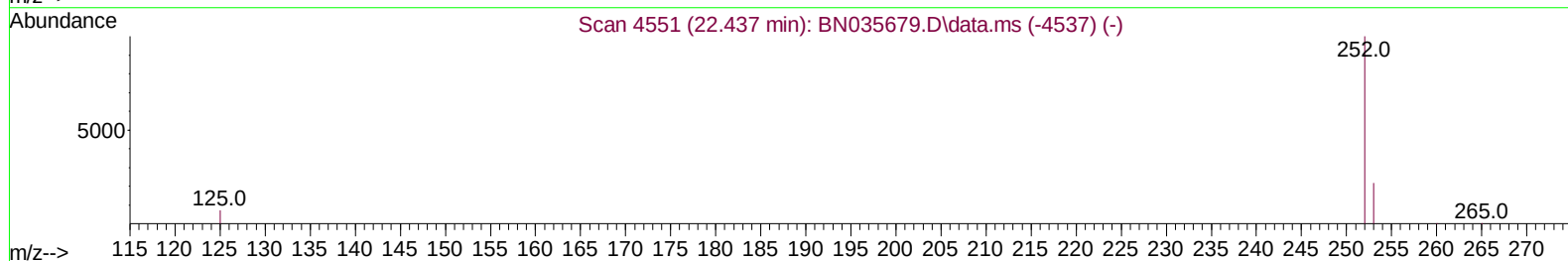
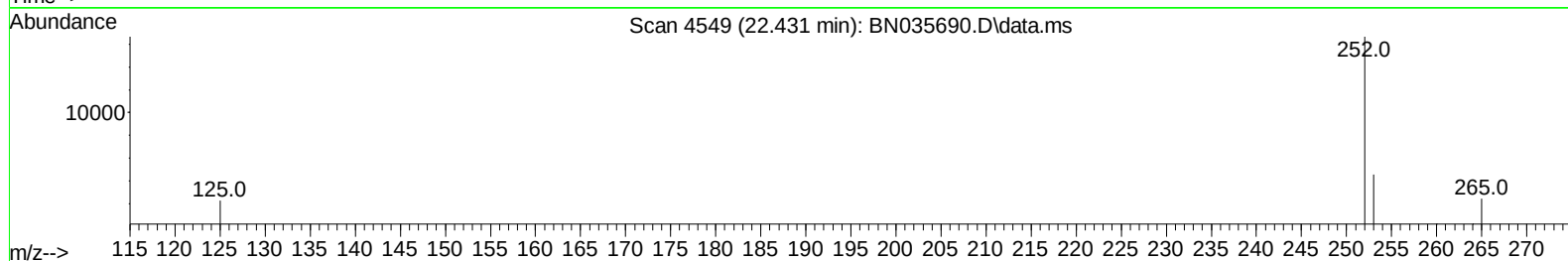
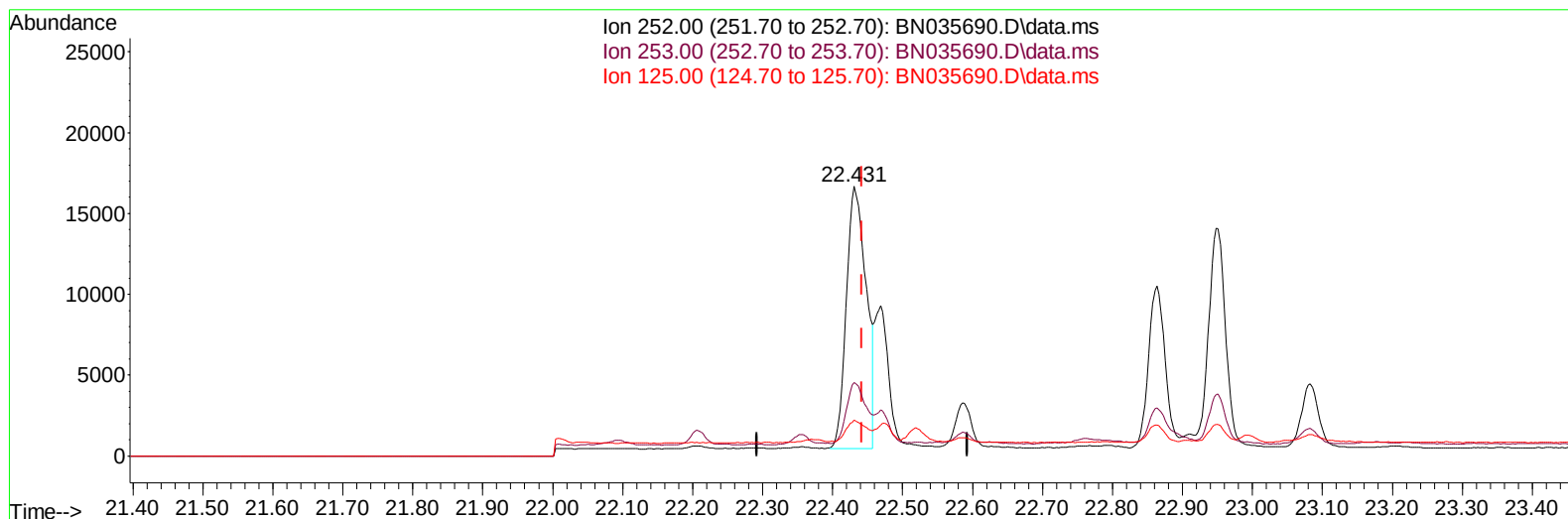
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035690.D
Acq On : 19 Dec 2024 03:42
Operator : RC/JU
Sample : P5258-17
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28Y0

Manual IntegrationsAPPROVED

Quant Time: Dec 19 06:41:15 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:26:08 2024
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TIC: BN035690.D\data.ms

(24) Benzo(b)fluoranthene

22.431min (-0.012) 0.79 ng/ul m

response 32087

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.20	27.20
125.00	18.80	13.37
0.00	0.00	0.00

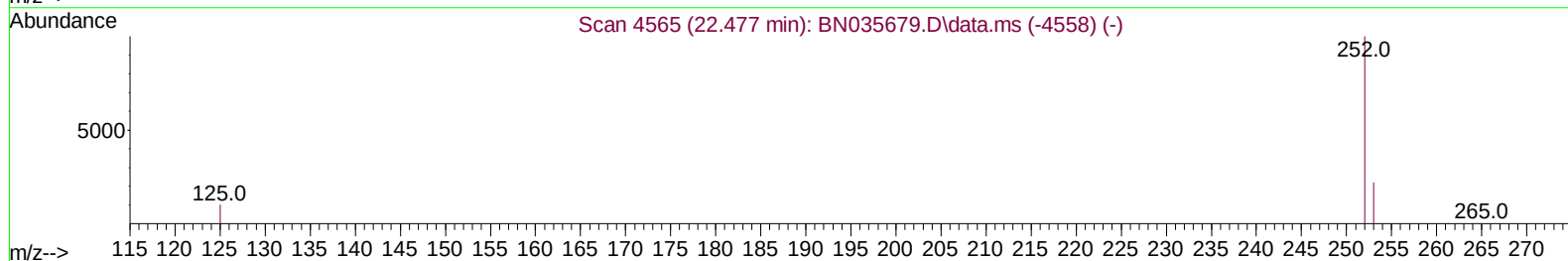
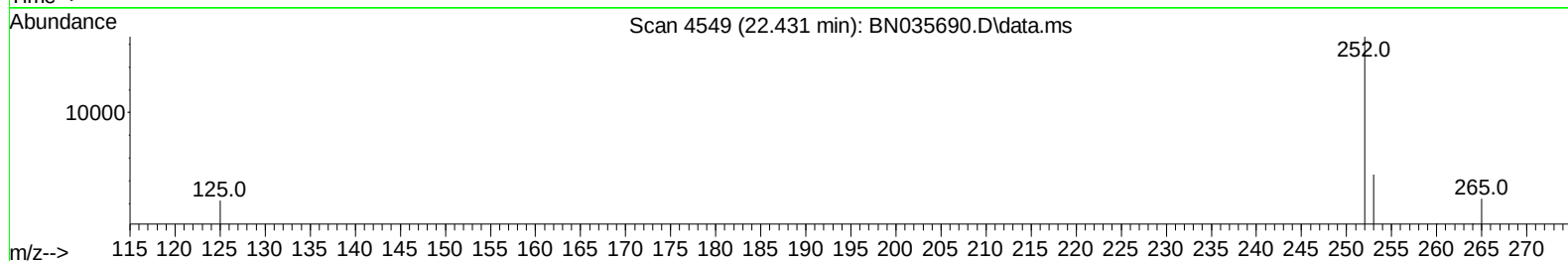
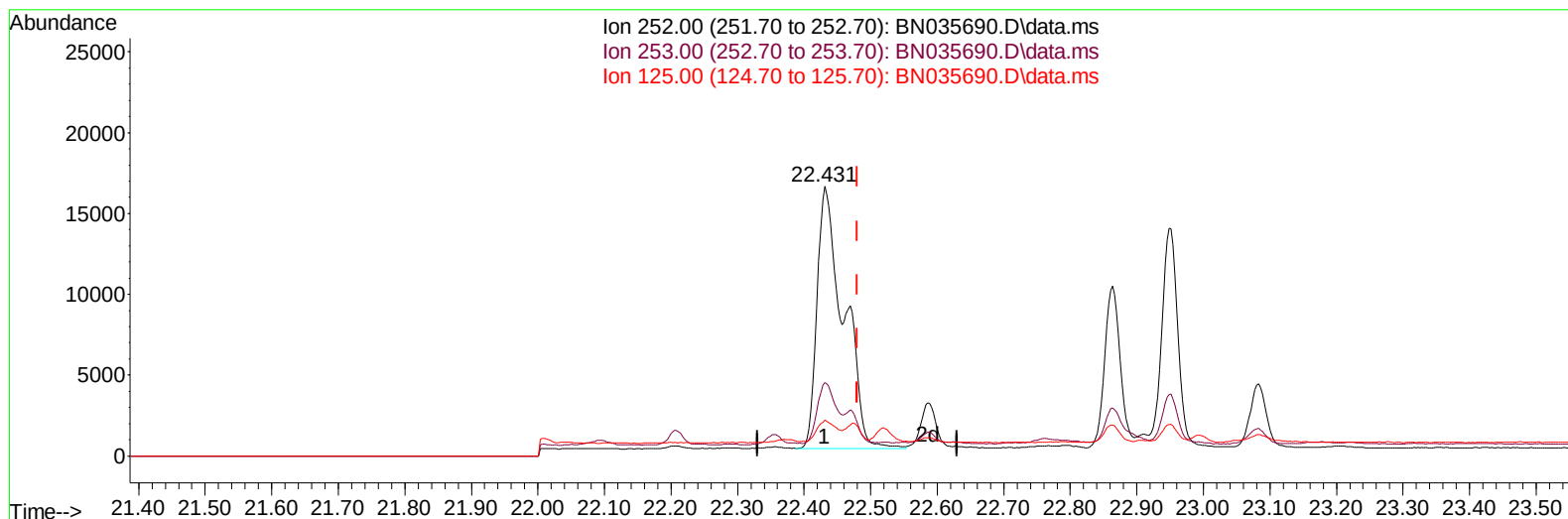
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035690.D
Acq On : 19 Dec 2024 03:42
Operator : RC/JU
Sample : P5258-17
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28Y0

Manual IntegrationsAPPROVED

Quant Time: Dec 19 06:41:15 2024
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TIC: BN035690.D\data.ms

(25) Benzo(k)fluoranthene

22.431min (-0.050) 0.99 ng/u1

response 44746

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.60	27.20
125.00	19.10	13.37#
0.00	0.00	0.00

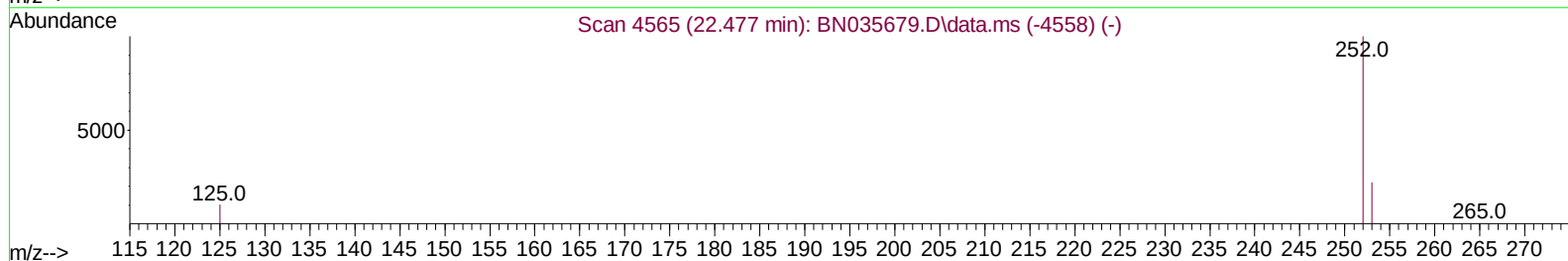
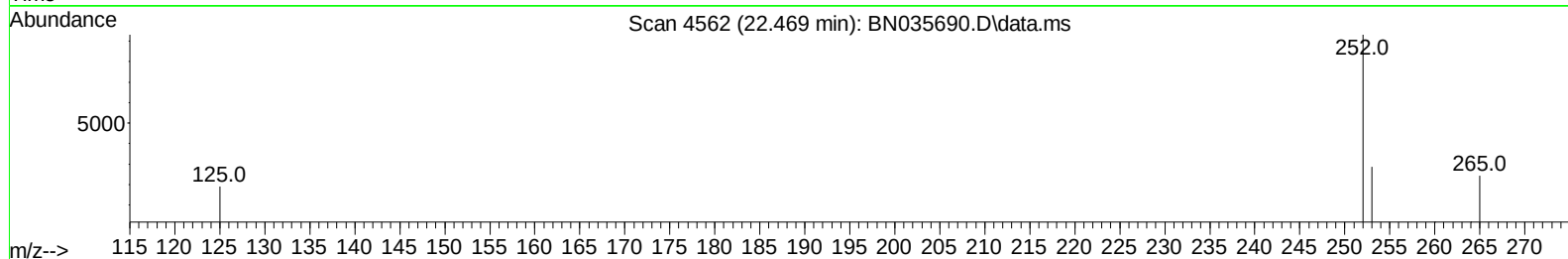
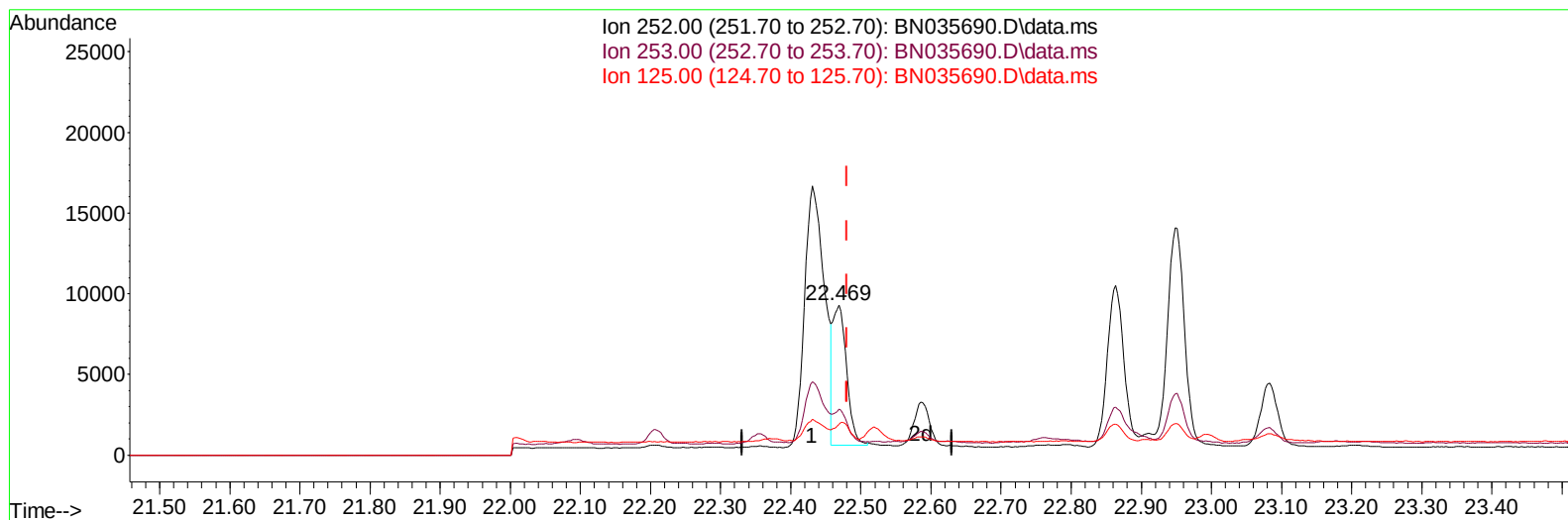
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035690.D
Acq On : 19 Dec 2024 03:42
Operator : RC/JU
Sample : P5258-17
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28Y0

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/24/2024

Quant Time: Dec 19 06:41:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN121624.M
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Response via : Initial Calibration



TIC: BN035690.D\data.ms

(25) Benzo(k)fluoranthene

22.469min (-0.012) 0.26 ng/ul m

response 11742

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.60	30.73
125.00	19.10	20.54
0.00	0.00	0.00

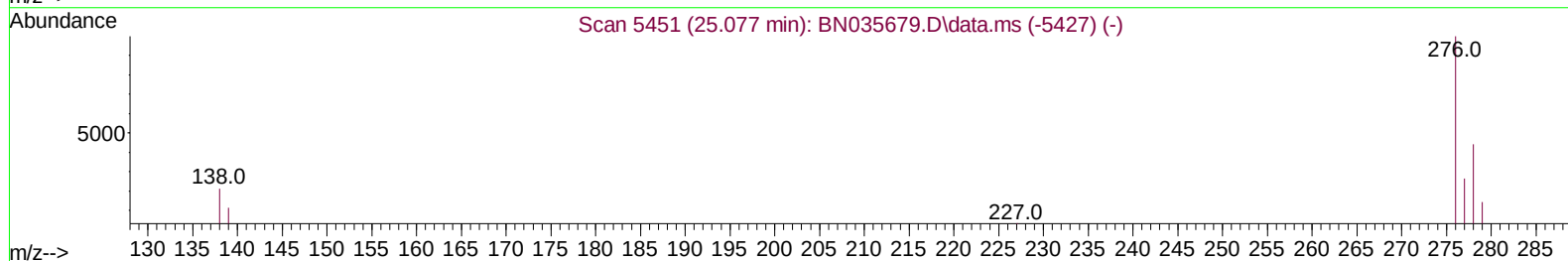
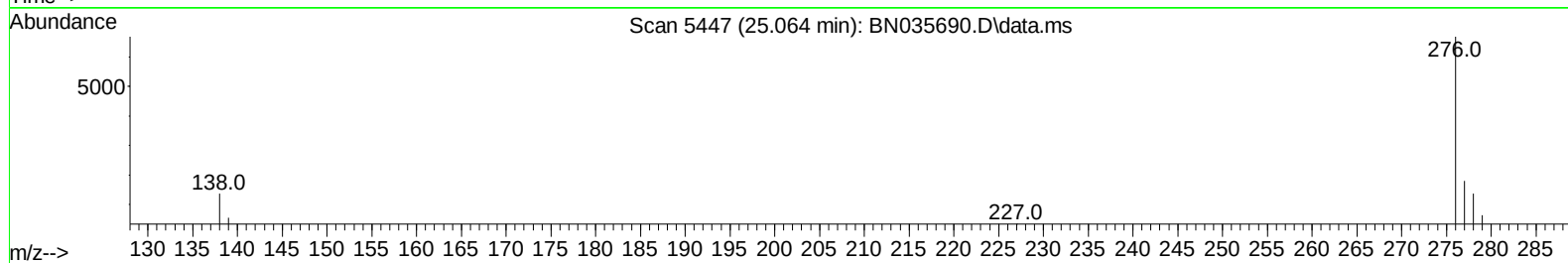
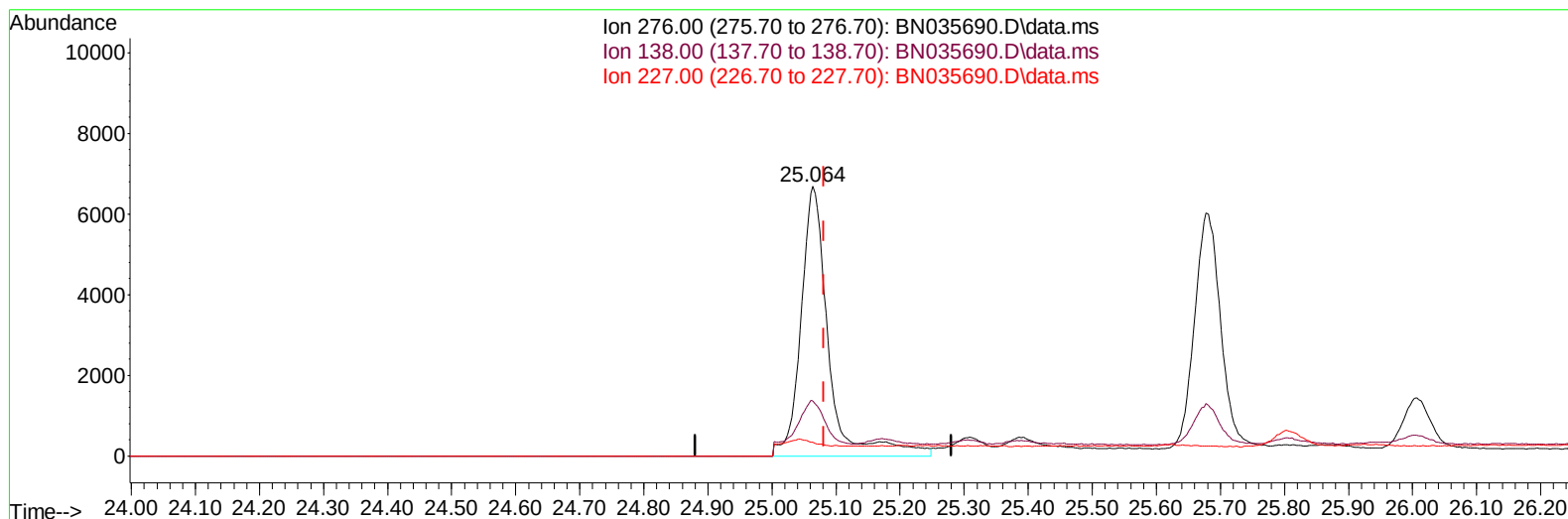
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035690.D
Acq On : 19 Dec 2024 03:42
Operator : RC/JU
Sample : P5258-17
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28Y0

Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 12/21/2024
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TIC: BN035690.D\data.ms

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

25.064min (-0.017) 0.41 ng/u1

response 19840

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	18.40	38.40#
227.00	27.00	0.00#
0.00	0.00	0.00

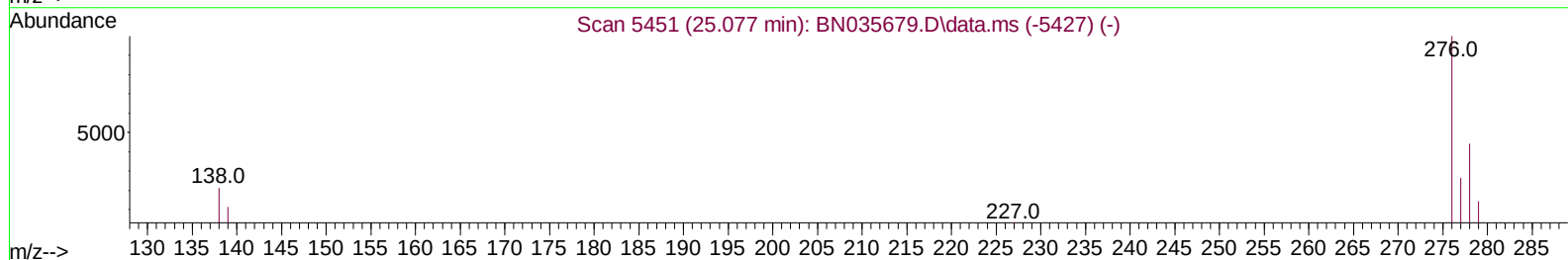
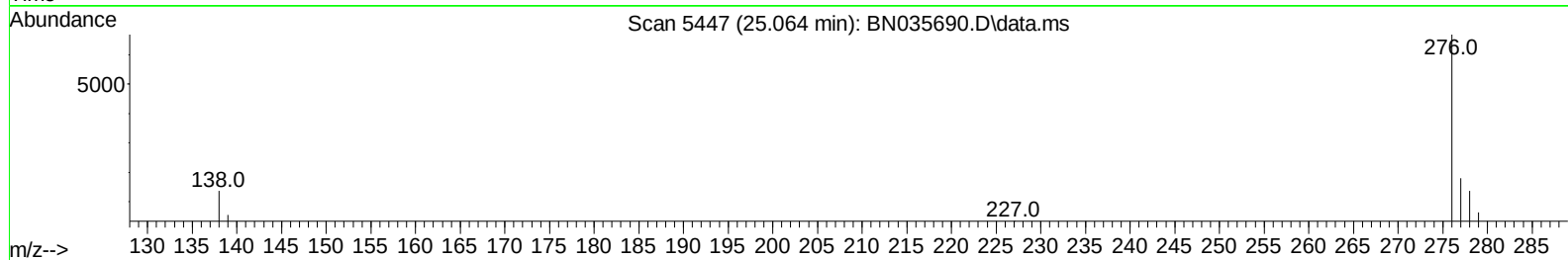
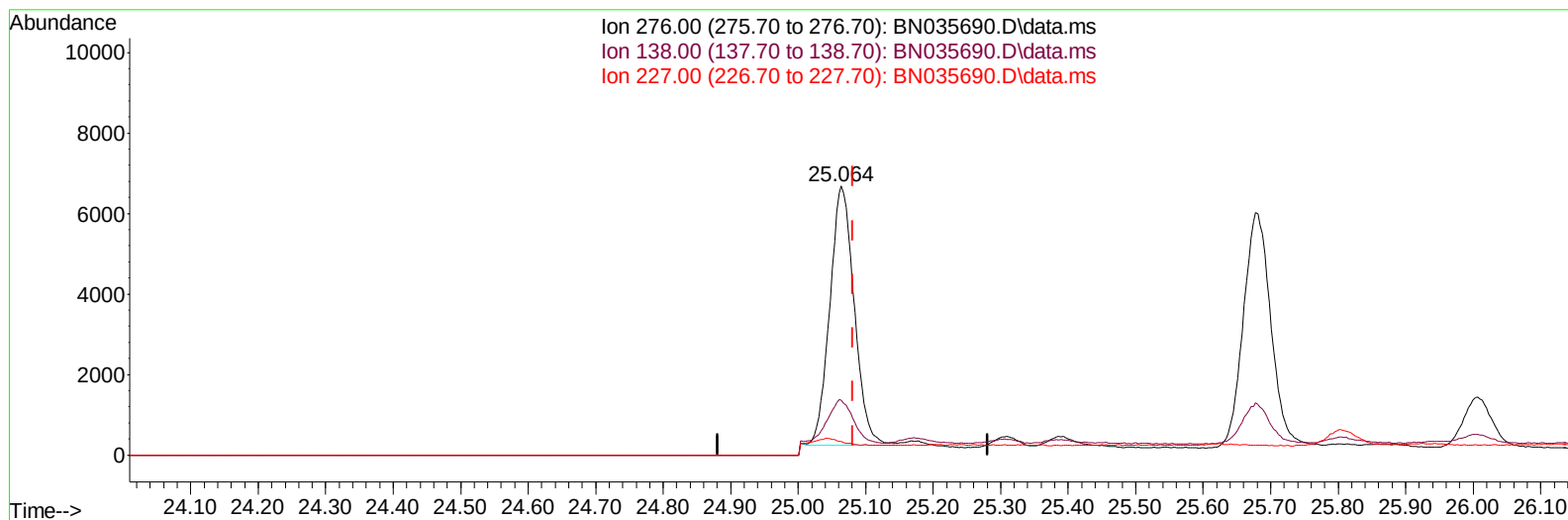
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035690.D
Acq On : 19 Dec 2024 03:42
Operator : RC/JU
Sample : P5258-17
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28Y0

Manual IntegrationsAPPROVED

Quant Time: Dec 19 06:41:15 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 12/21/2024
Supervised By :mohammad ahmed 12/24/2024



TIC: BN035690.D\data.ms

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

25.064min (-0.017) 0.33 ng/ul m

response 16058

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	18.40	47.44#
227.00	27.00	0.00#
0.00	0.00	0.00

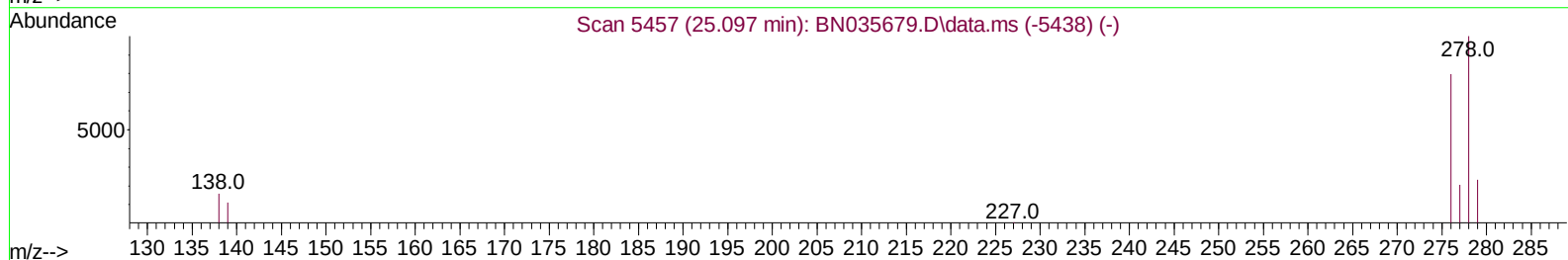
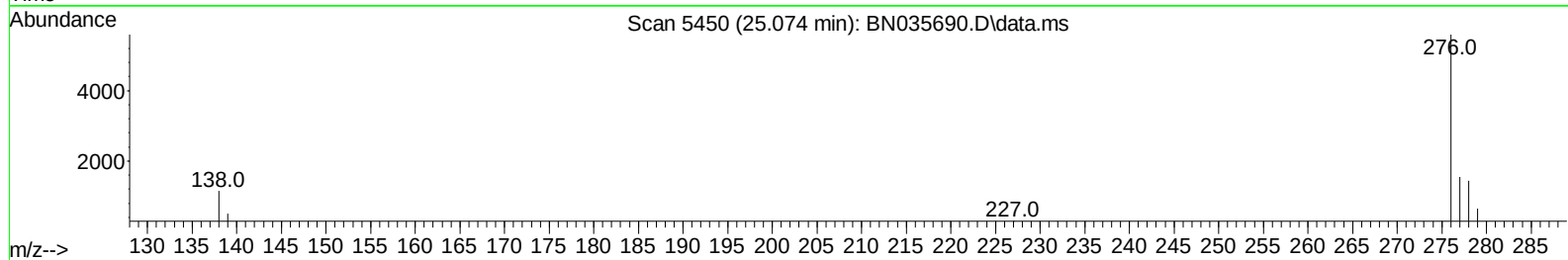
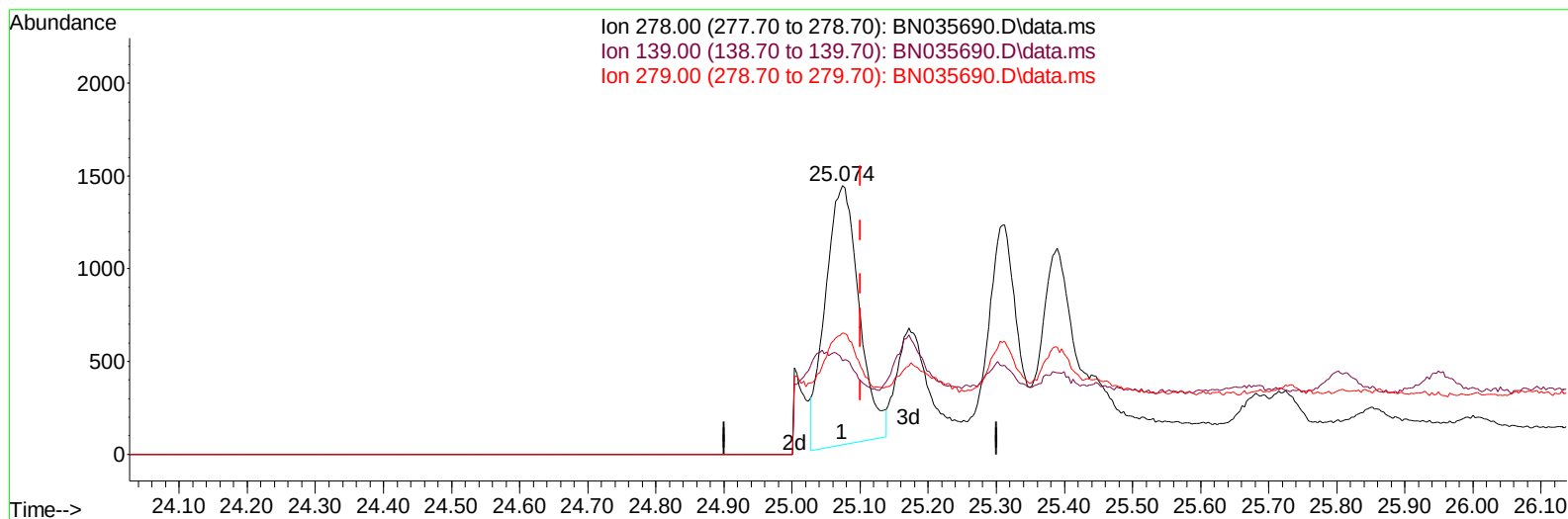
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ALS Vial : 30 Sample Multiplier: 1

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TIC: BN035690.D\data.ms

(28) Dibenzo(a,h)anthracene

25.074min (-0.027) 0.13 ng/u1

response 4811

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	24.80	34.76#
279.00	30.00	45.06#
0.00	0.00	0.00

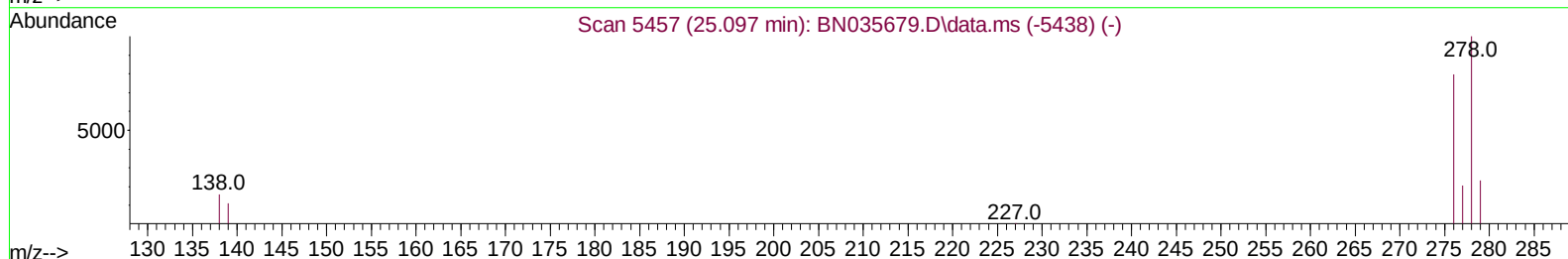
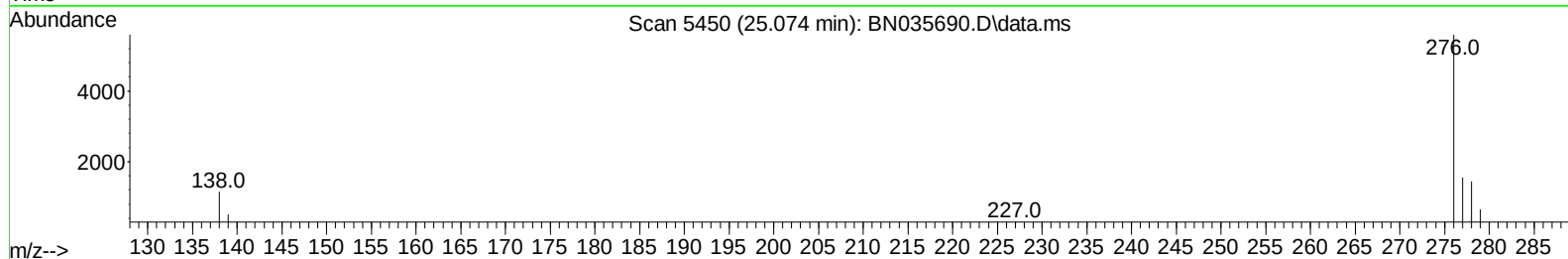
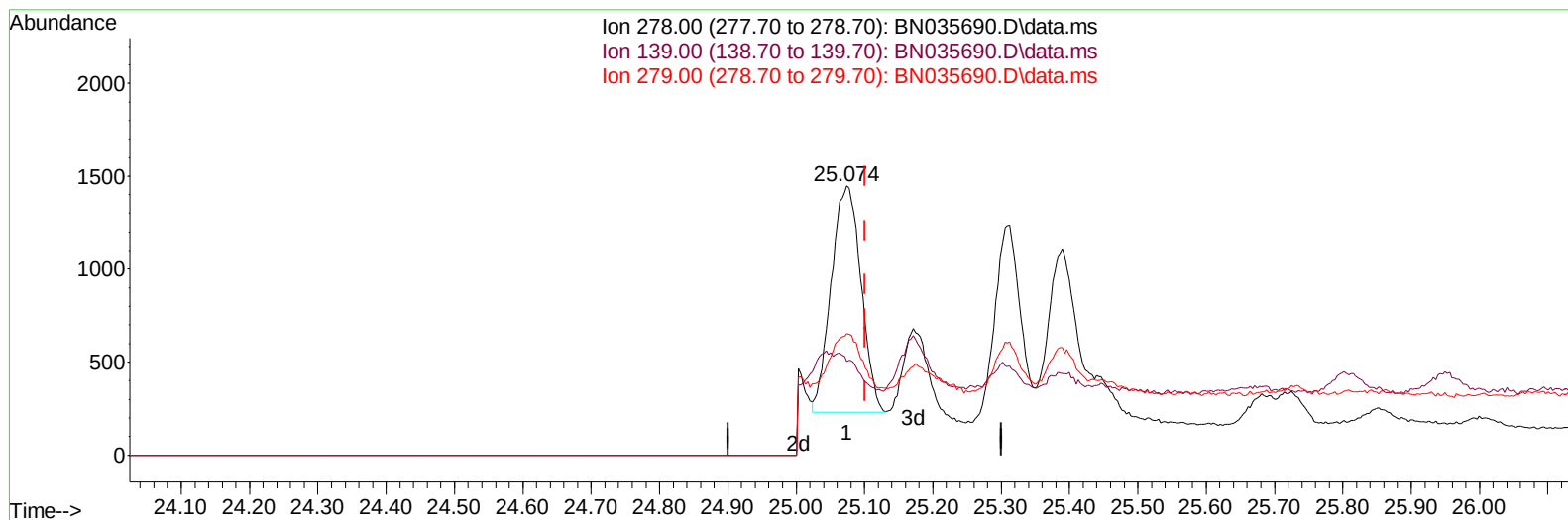
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Data File : BN035690.D
Acq On : 19 Dec 2024 03:42
Operator : RC/JU
Sample : P5258-17
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BN035690.D\data.ms

(28) Dibenzo(a,h)anthracene

25.074min (-0.027) 0.10 ng/ul m

response 3674

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	24.80	34.76#
279.00	30.00	45.06#
0.00	0.00	0.00

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 ALS Vial : 30 Sample Multiplier: 1

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.276	152	3019	0.400	ng/ul	0.00
4) Naphthalene-d8	10.020	136	8314	0.400	ng/ul	-0.01
9) Acenaphthene-d10	13.939	164	6067	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.709	188	13185	0.400	ng/ul	0.00
17) Chrysene-d12	20.955	240	11420	0.400	ng/ul	0.00
23) Perylene-d12	23.039	264	13811	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.955	96	8186	3.058	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.626	152	2153	0.182	ng/ul	-0.01
18) Fluoranthene-d10	18.763	212	4848	0.145	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.069	128	1368m	0.067	ng/ul	
7) 2-Methylnaphthalene	11.703	142	1055	0.077	ng/ul	97
8) 1-Methylnaphthalene	11.928	142	954	0.067	ng/ul	100
10) Acenaphthylene	13.653	152	988	0.042	ng/ul#	74
11) Acenaphthene	14.004	153	1135	0.064	ng/ul	96
12) Fluorene	15.004	166	985	0.048	ng/ul#	92
15) Phenanthrene	16.751	178	23041	0.698	ng/ul	99
16) Anthracene	16.840	178	5327	0.173	ng/ul	96
19) Fluoranthene	18.791	202	52003	1.273	ng/ul	100
20) Pyrene	19.158	202	45783	1.018	ng/ul	99
21) Benzo(a)anthracene	20.941	228	23333	0.616	ng/ul	99
22) Chrysene	20.990	228	24431	0.622	ng/ul	97
24) Benzo(b)fluoranthene	22.431	252	32087m	0.788	ng/ul	
25) Benzo(k)fluoranthene	22.469	252	11742m	0.261	ng/ul	
26) Benzo(a)pyrene	22.948	252	22738	0.577	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	25.064	276	16058m	0.335	ng/ul	
28) Dibenzo(a,h)anthracene	25.074	278	3674m	0.100	ng/ul	
29) Benzo(g,h,i)perylene	25.678	276	17226	0.447	ng/ul	96

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

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