

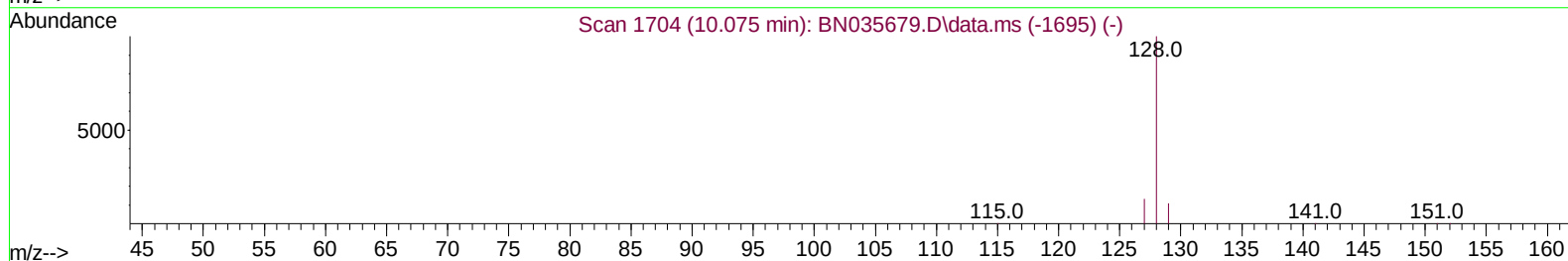
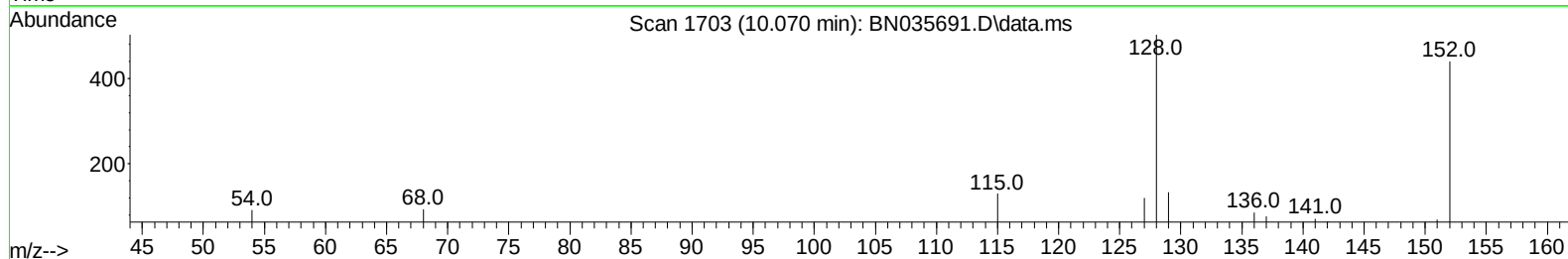
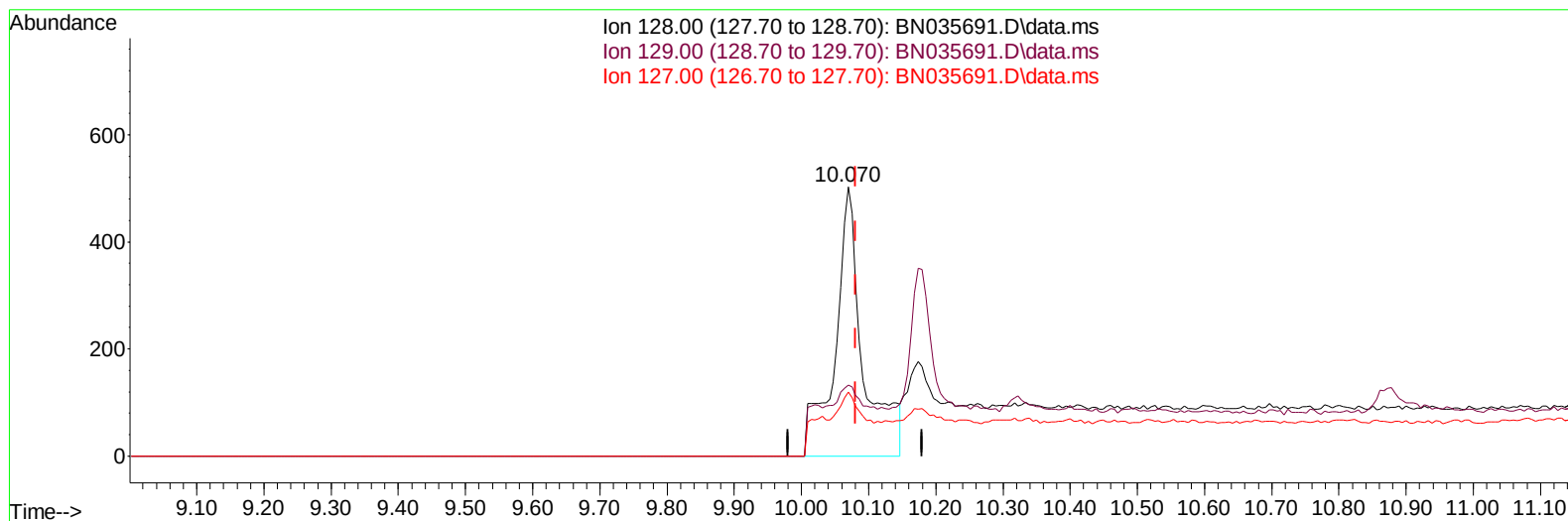
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035691.D
Acq On : 19 Dec 2024 04:18
Operator : RC/JU
Sample : P5258-18
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28Y1

Manual IntegrationsAPPROVED

Quant Time: Dec 19 06:47:18 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 12/24/2024
Supervised By :mohammad ahmed 12/24/2024



TIC: BN035691.D\data.ms

(5) Naphthalene

10.070min (-0.011) 0.07 ng/u1

response 1436

Ion	Exp%	Act%
128.00	100.00	100.00
129.00	13.50	26.44#
127.00	15.00	23.86#
0.00	0.00	0.00

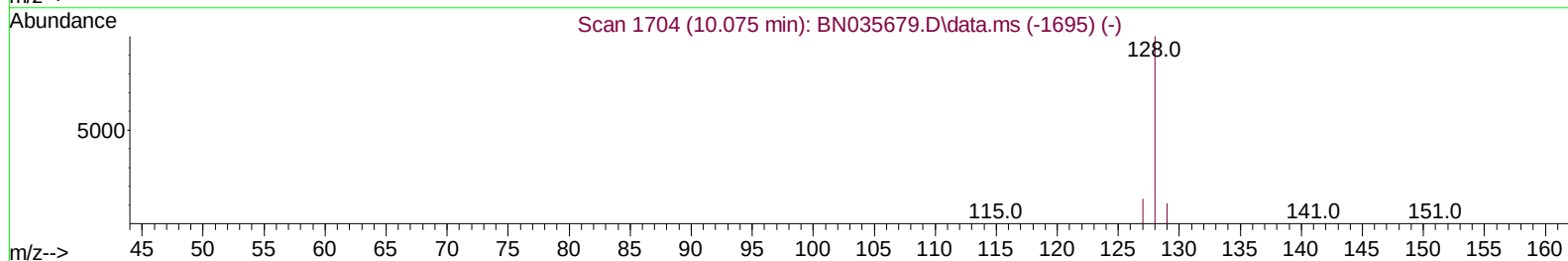
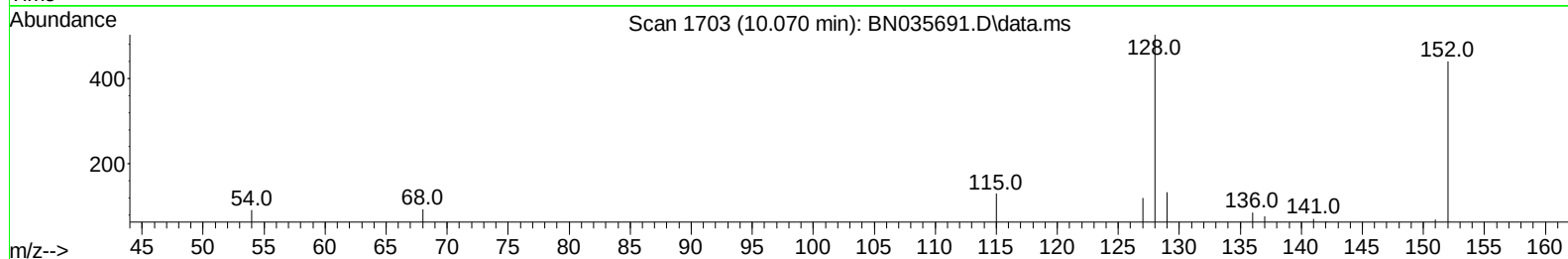
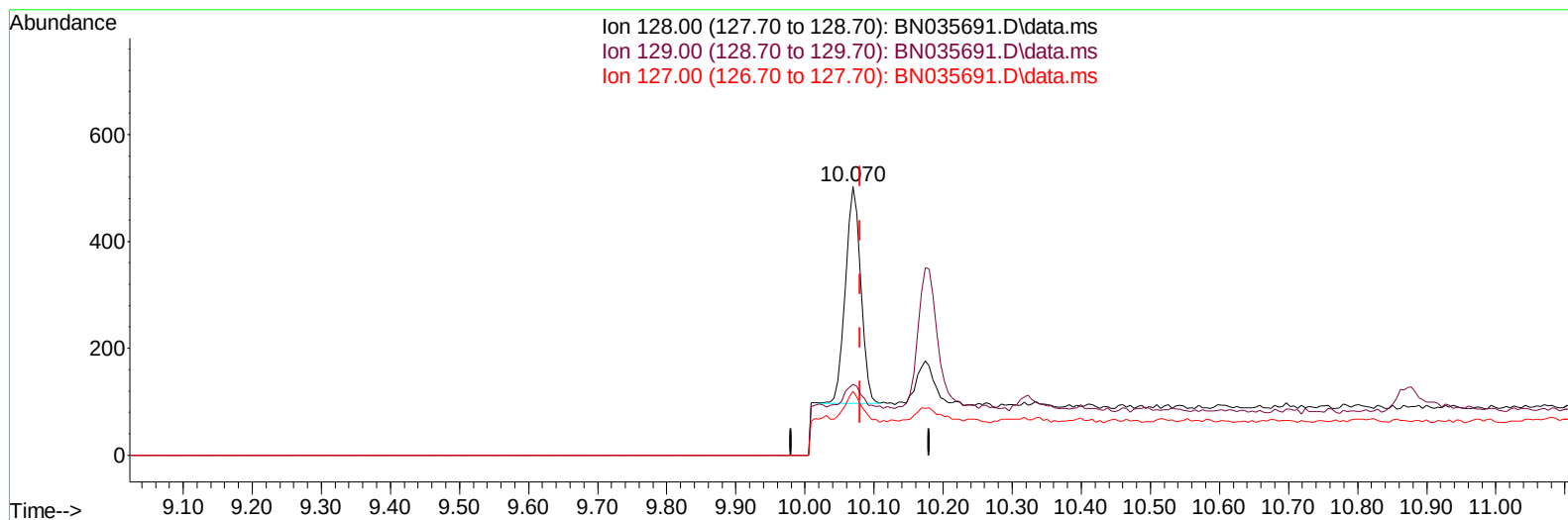
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
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Manual IntegrationsAPPROVED

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QLast Update : Mon Dec 16 16:26:08 2024
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TIC: BN035691.D\data.ms

(5) Naphthalene

10.070min (-0.011) 0.03 ng/ul m

response 626

Ion	Exp%	Act%
128.00	100.00	100.00
129.00	13.50	26.44#
127.00	15.00	23.86#
0.00	0.00	0.00

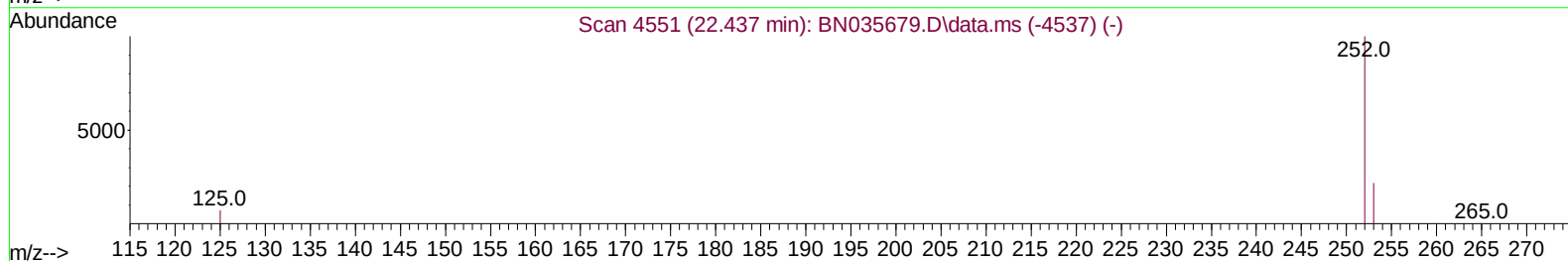
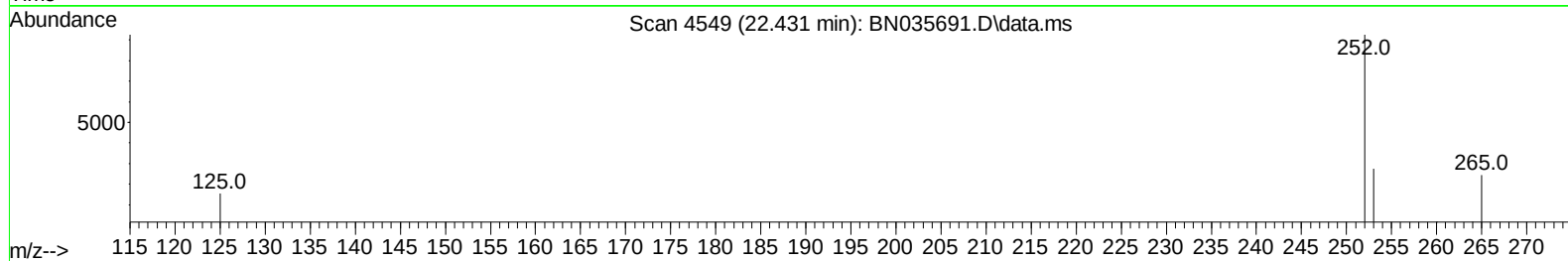
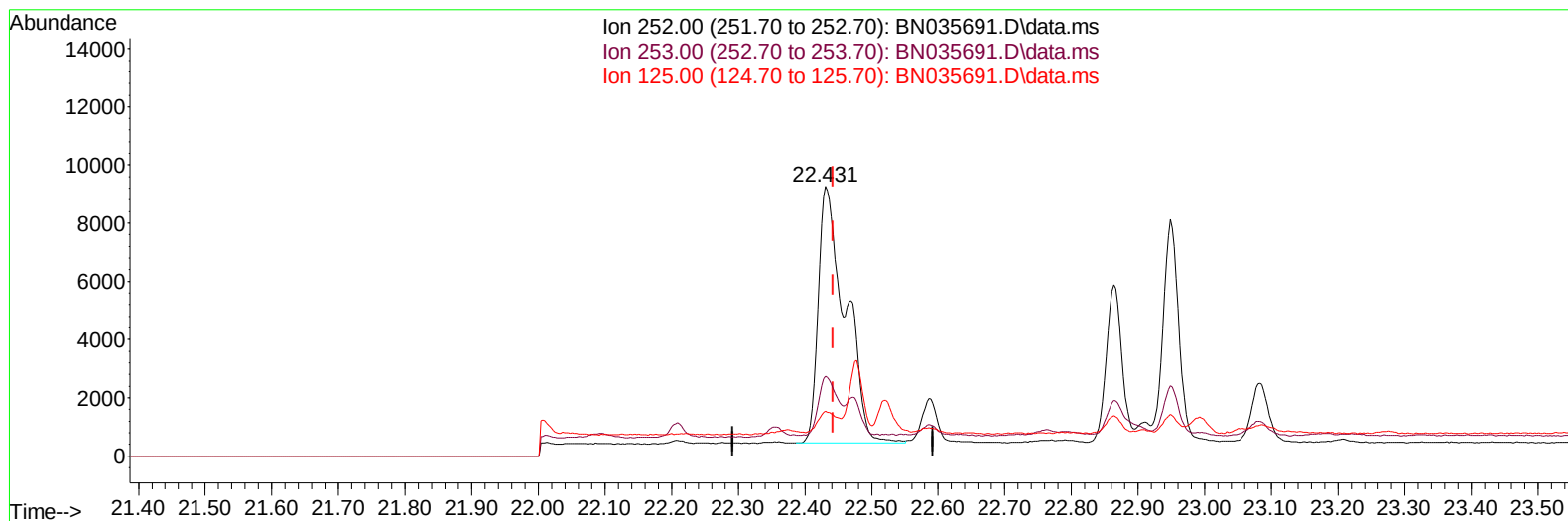
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
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ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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TIC: BN035691.D\data.ms

(24) Benzo(b)fluoranthene

22.431min (-0.011) 0.60 ng/u1

response 25071

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.20	29.61
125.00	18.80	16.75
0.00	0.00	0.00

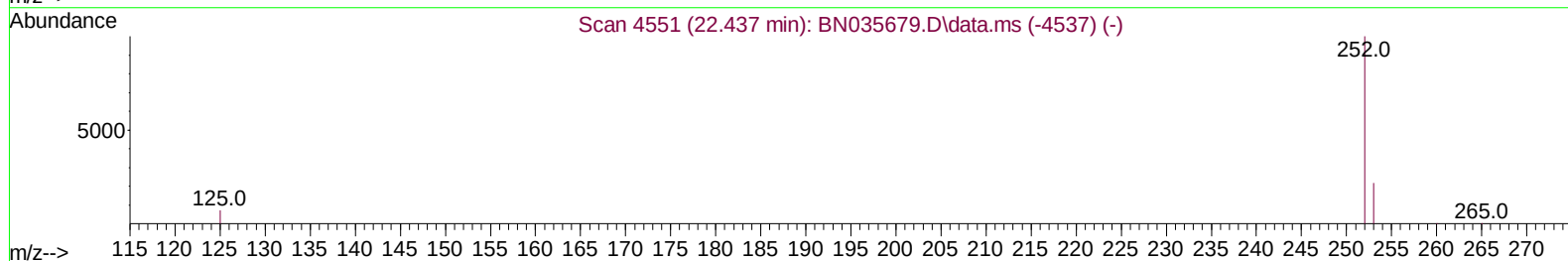
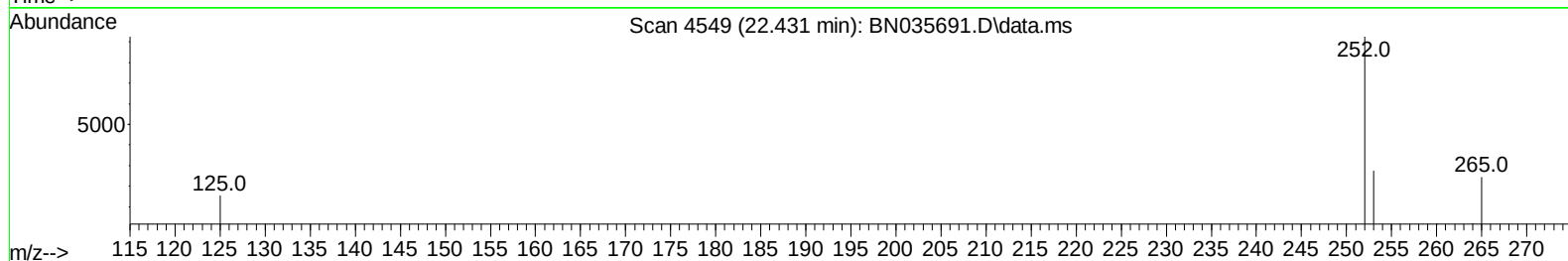
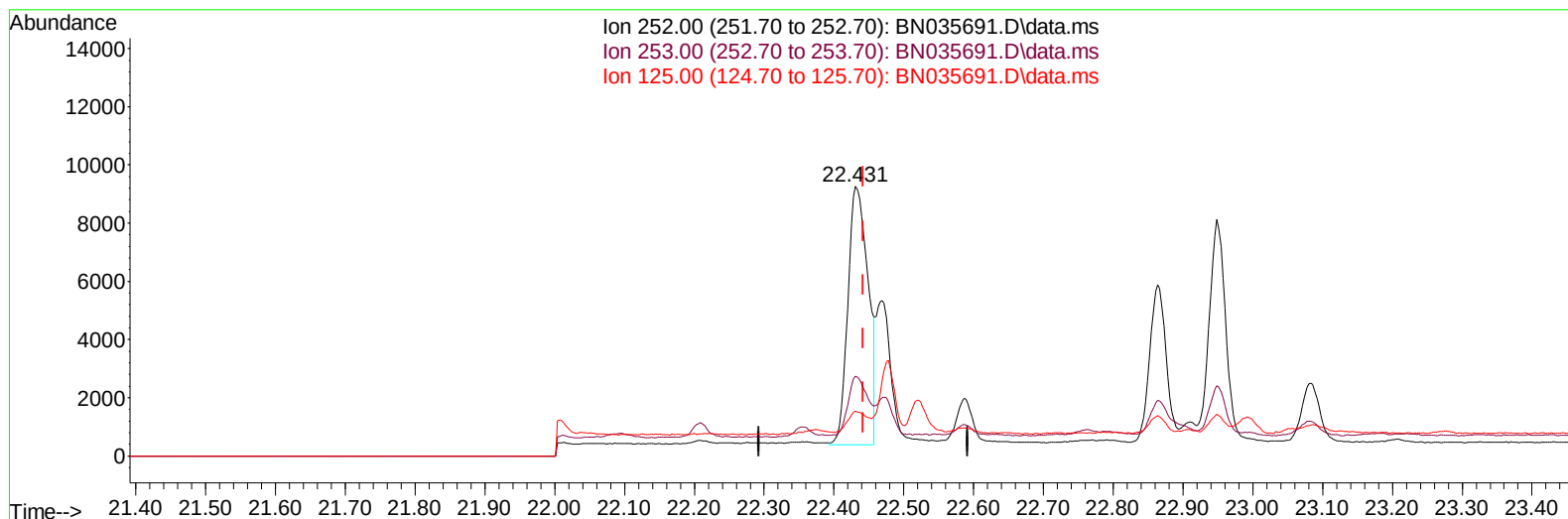
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035691.D
Acq On : 19 Dec 2024 04:18
Operator : RC/JU
Sample : P5258-18
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28Y1

Manual IntegrationsAPPROVED

Quant Time: Dec 19 06:47:18 2024
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Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/24/2024



TIC: BN035691.D\data.ms

(24) Benzo(b)fluoranthene

22.431min (-0.011) 0.43 ng/ul m

response 17927

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.20	29.61
125.00	18.80	16.75
0.00	0.00	0.00

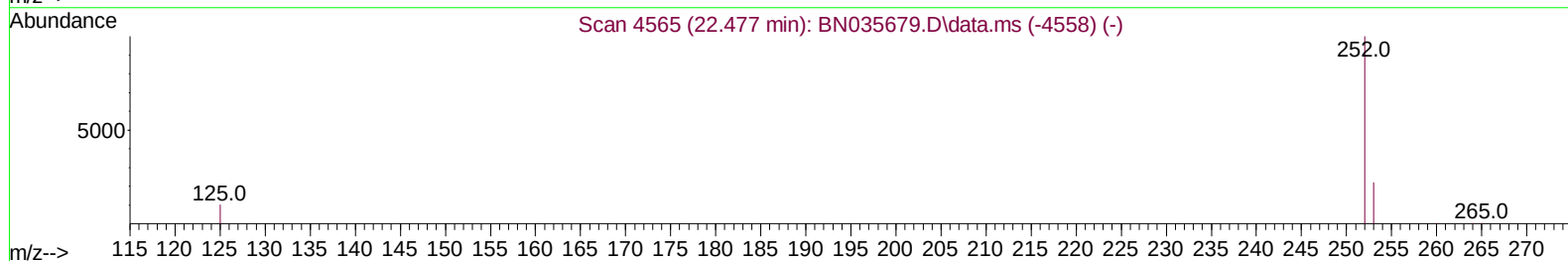
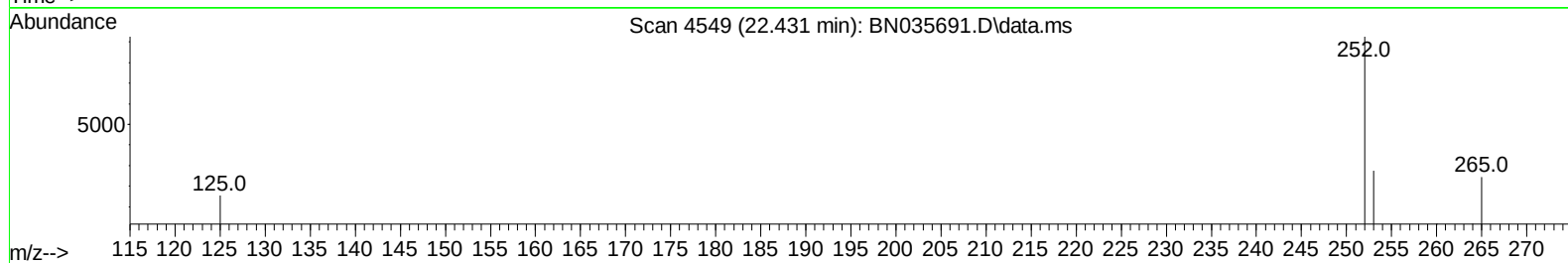
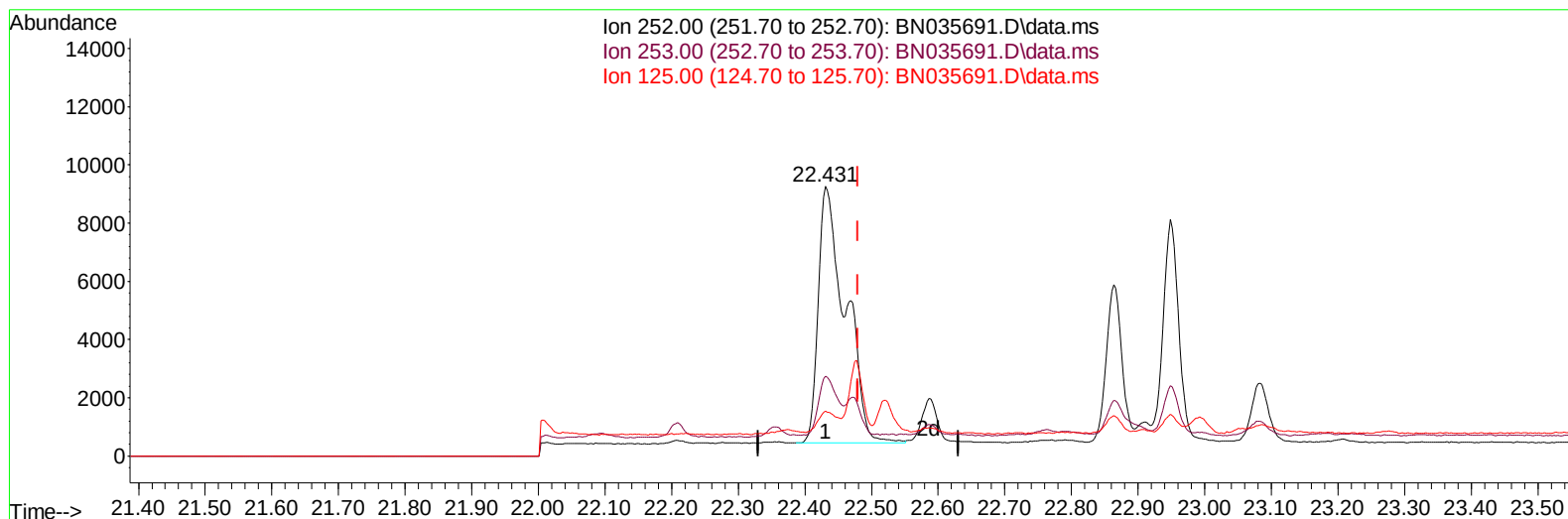
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035691.D
Acq On : 19 Dec 2024 04:18
Operator : RC/JU
Sample : P5258-18
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28Y1

Manual IntegrationsAPPROVED

Quant Time: Dec 19 06:47:18 2024
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QLast Update : Mon Dec 16 16:26:08 2024
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Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/24/2024



TIC: BN035691.D\data.ms

(25) Benzo(k)fluoranthene

22.431min (-0.049) 0.54 ng/u l

response 25071

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.60	29.61
125.00	19.10	16.75
0.00	0.00	0.00

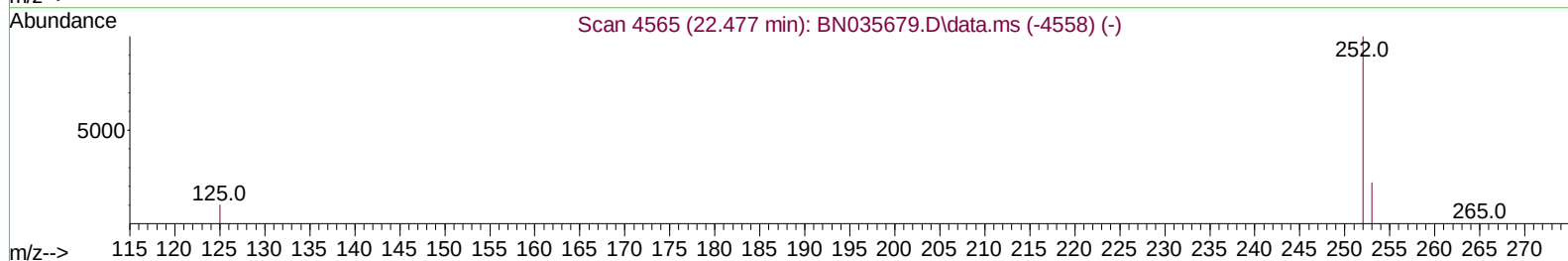
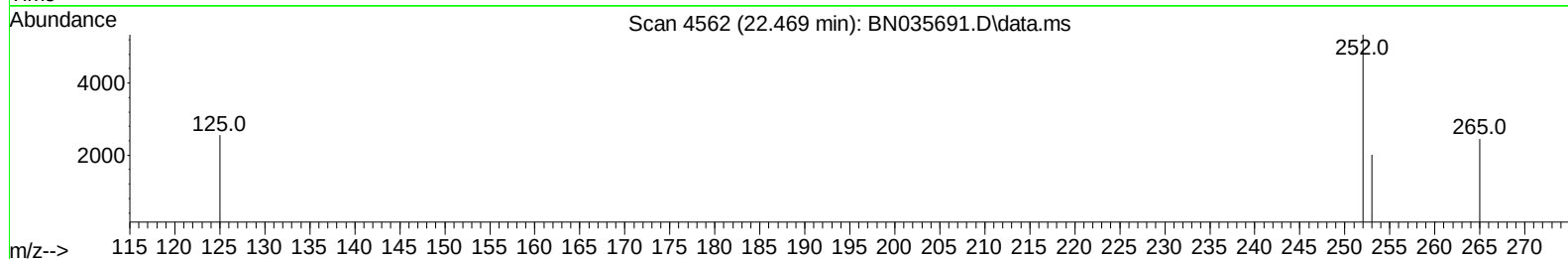
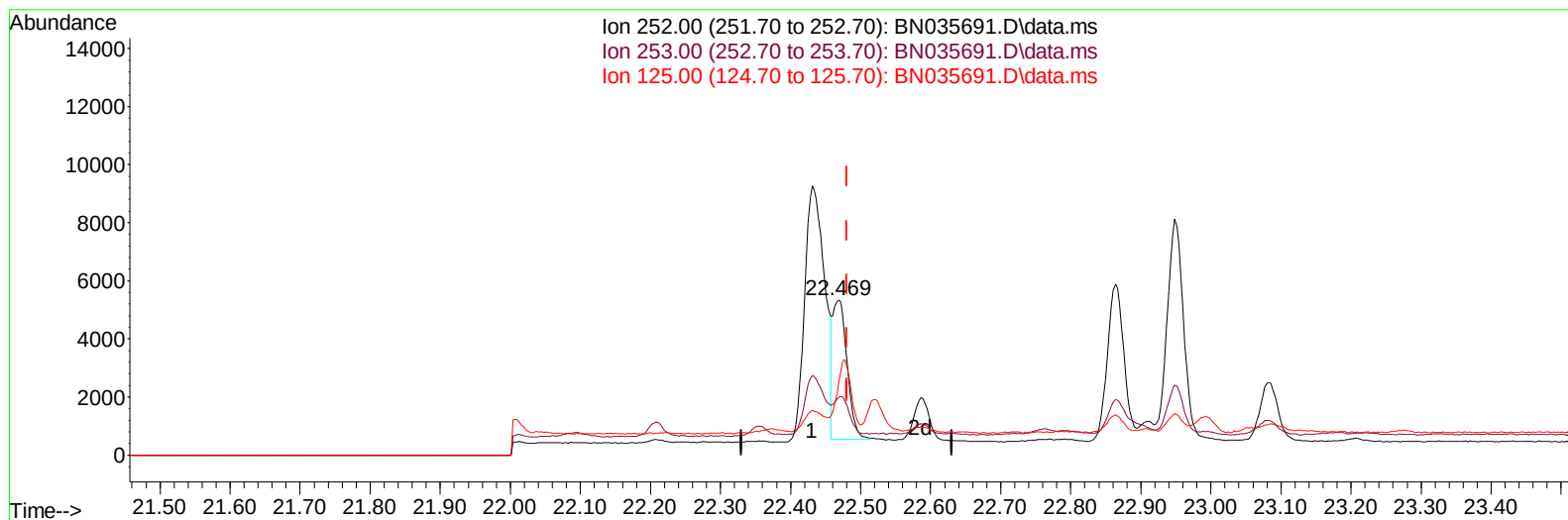
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035691.D
Acq On : 19 Dec 2024 04:18
Operator : RC/JU
Sample : P5258-18
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28Y1

Manual IntegrationsAPPROVED

Quant Time: Dec 19 06:47:18 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 12/24/2024
Supervised By :mohammad ahmed 12/24/2024



TIC: BN035691.D\data.ms

(25) Benzo(k)fluoranthene

22.469min (-0.011) 0.15 ng/ul m

response 6794

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.60	37.62#
125.00	19.10	47.88#
0.00	0.00	0.00

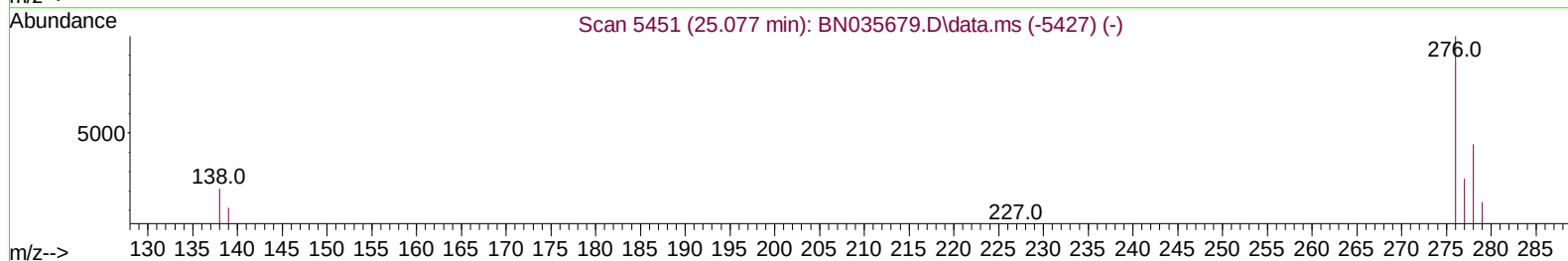
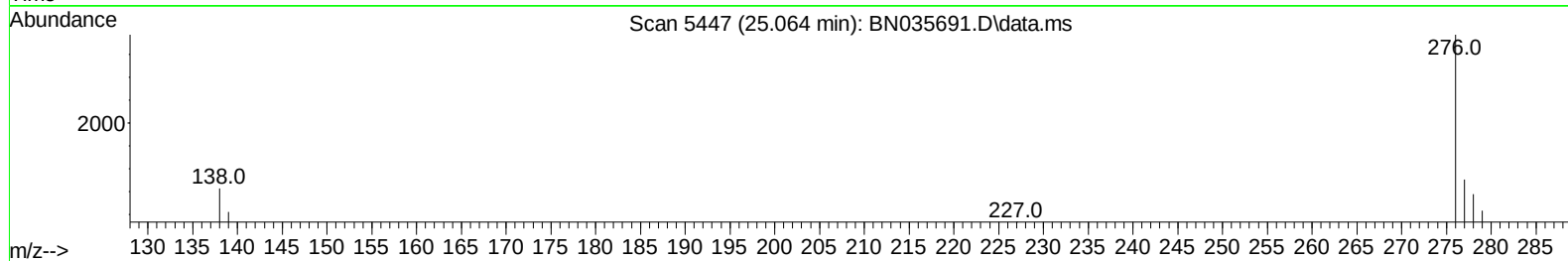
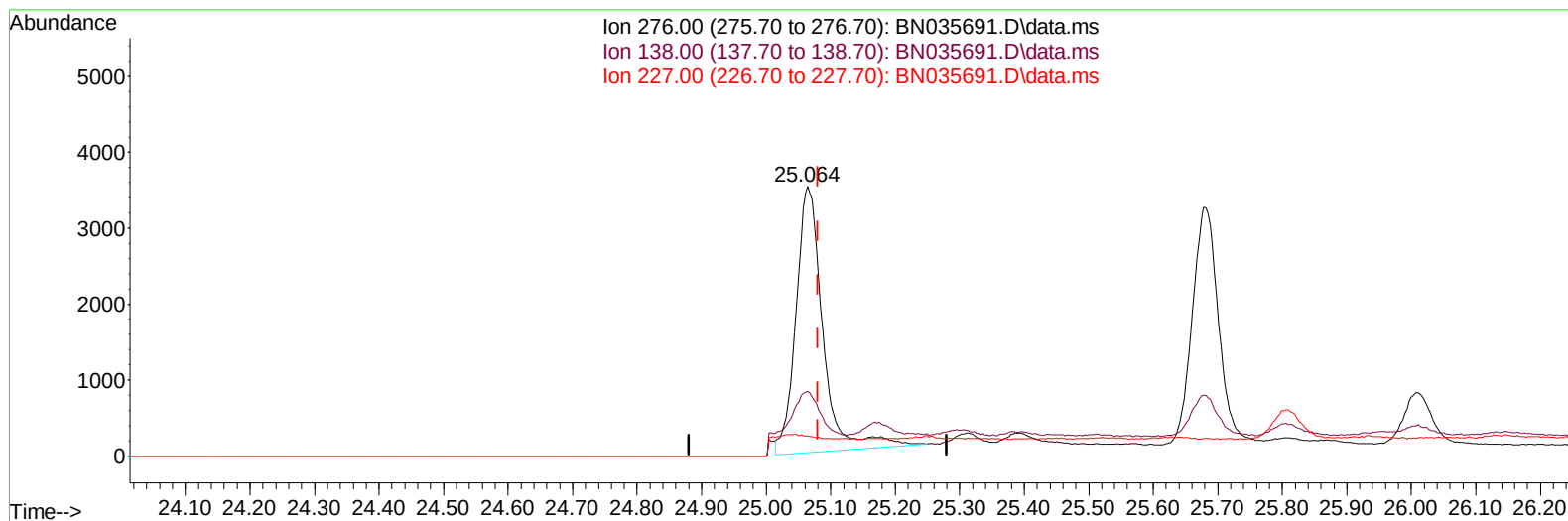
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035691.D
Acq On : 19 Dec 2024 04:18
Operator : RC/JU
Sample : P5258-18
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28Y1

Manual IntegrationsAPPROVED

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TIC: BN035691.D\data.ms

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

25.064min (-0.017) 0.21 ng/u1

response 10168

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	18.40	61.09#
227.00	27.00	0.00#
0.00	0.00	0.00

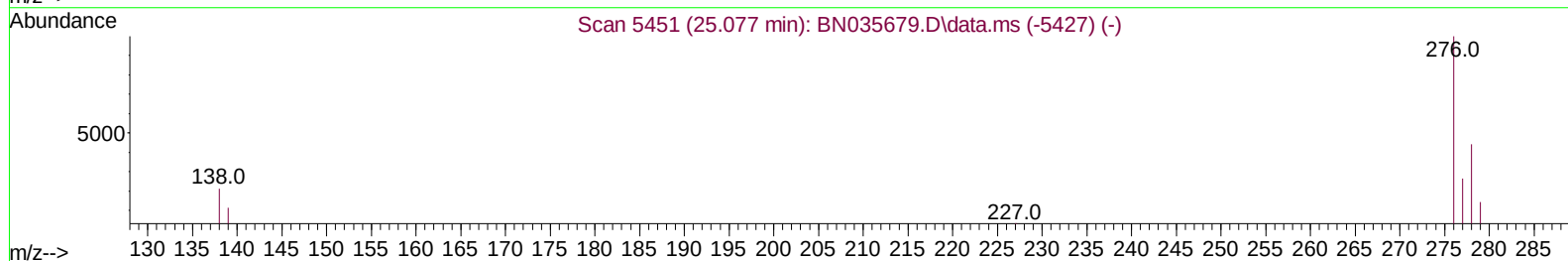
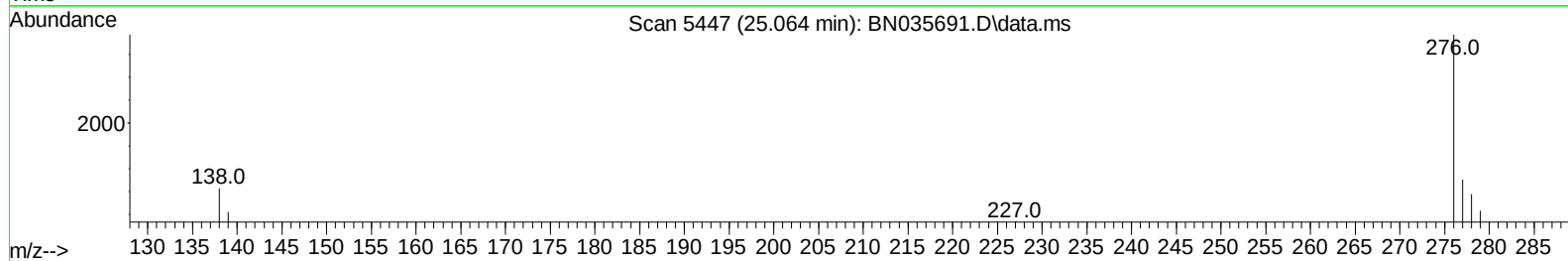
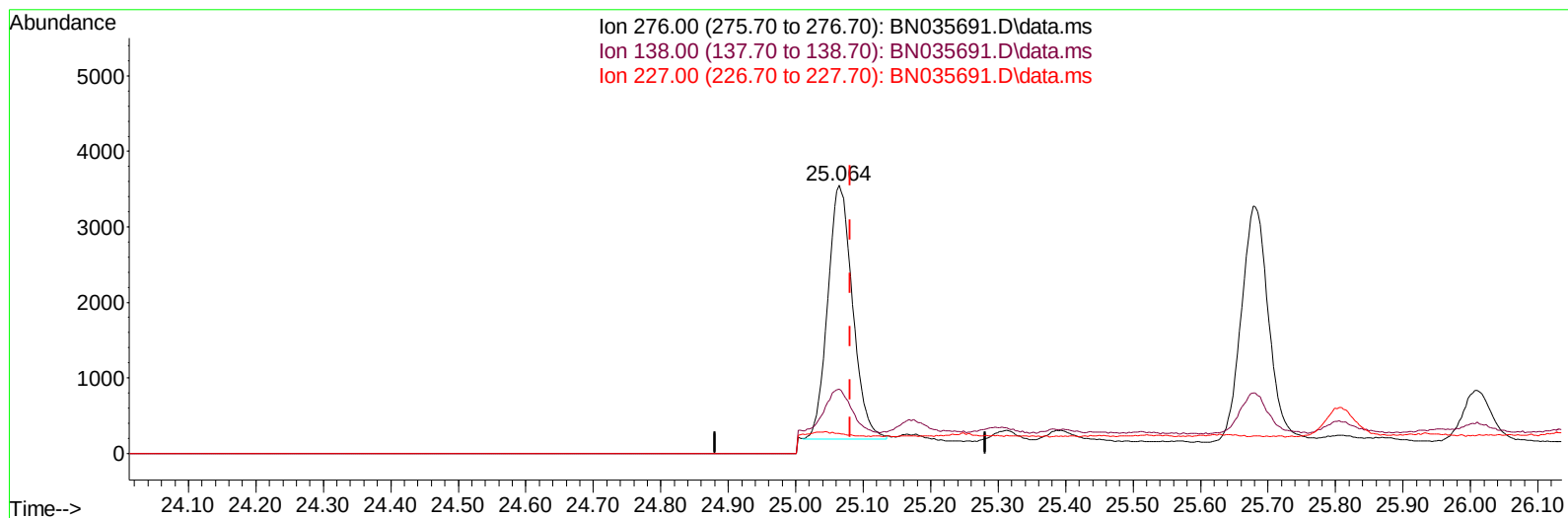
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035691.D
Acq On : 19 Dec 2024 04:18
Operator : RC/JU
Sample : P5258-18
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28Y1

Manual IntegrationsAPPROVED

Quant Time: Dec 19 06:47:18 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 12/24/2024
Supervised By :mohammad ahmed 12/24/2024



TIC: BN035691.D\data.ms

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

25.064min (-0.017) 0.17 ng/ul m

response 8629

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	18.40	71.99#
227.00	27.00	0.00#
0.00	0.00	0.00

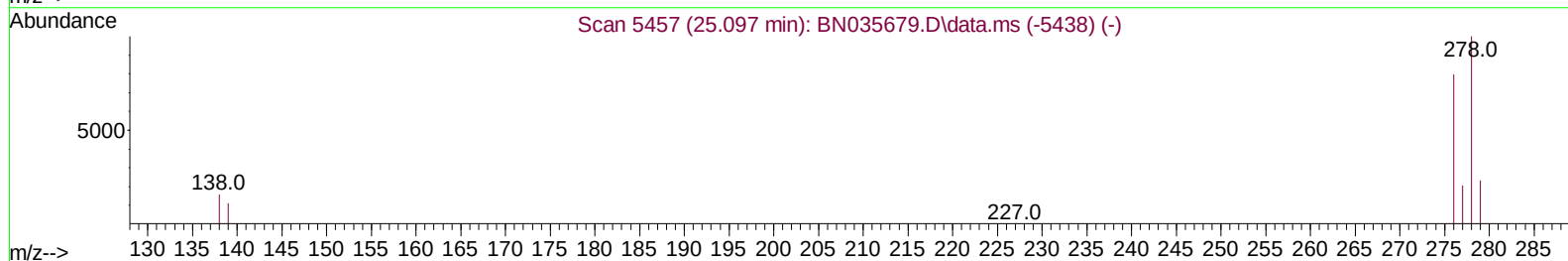
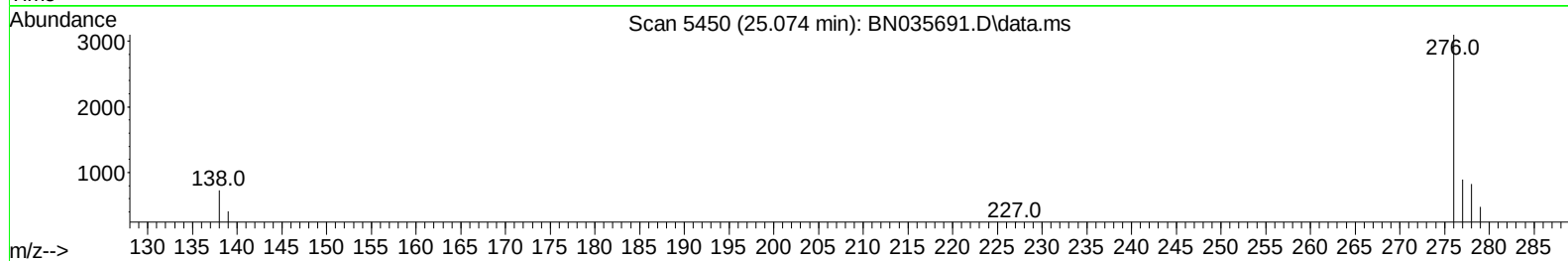
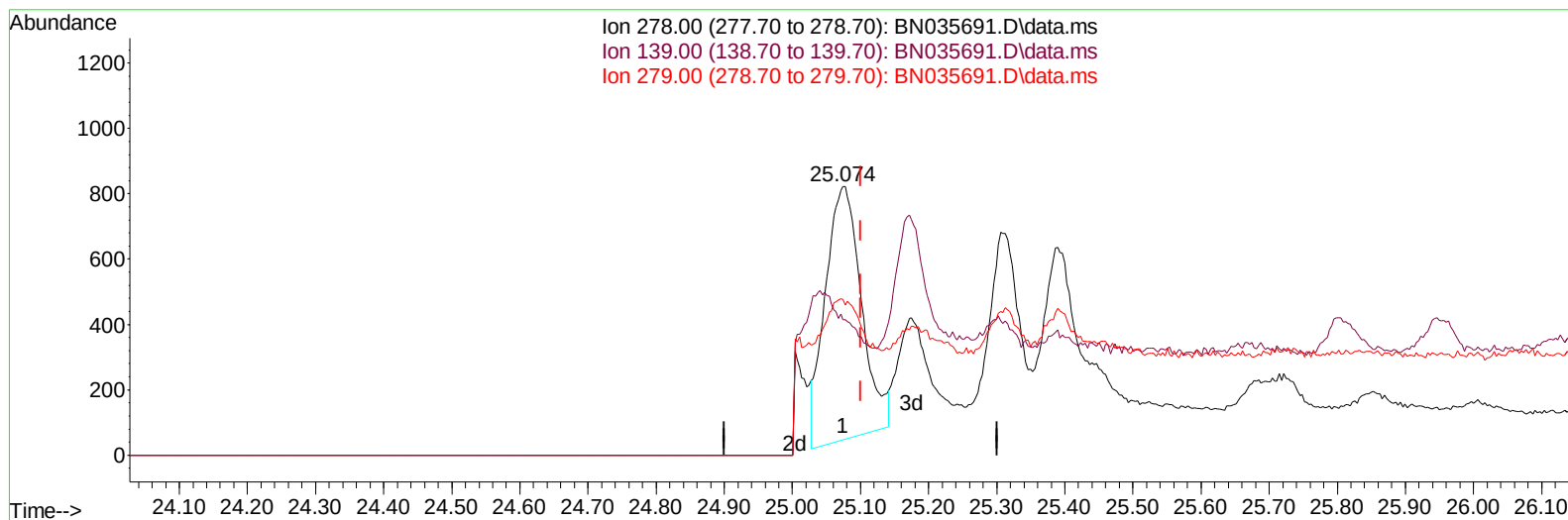
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035691.D
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Operator : RC/JU
Sample : P5258-18
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28Y1

Manual IntegrationsAPPROVED

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TIC: BN035691.D\data.ms

(28) Dibenzo(a,h)anthracene

25.074min (-0.027) 0.08 ng/u1

response 2872

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	24.80	50.43#
279.00	30.00	57.84#
0.00	0.00	0.00

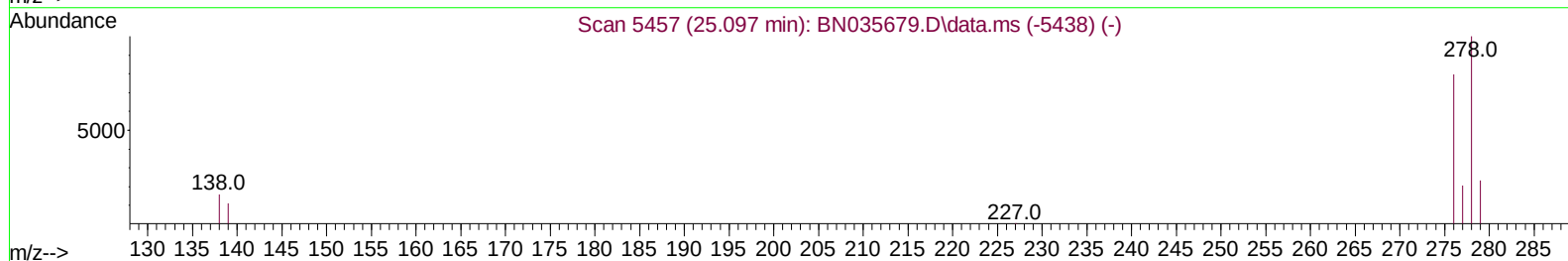
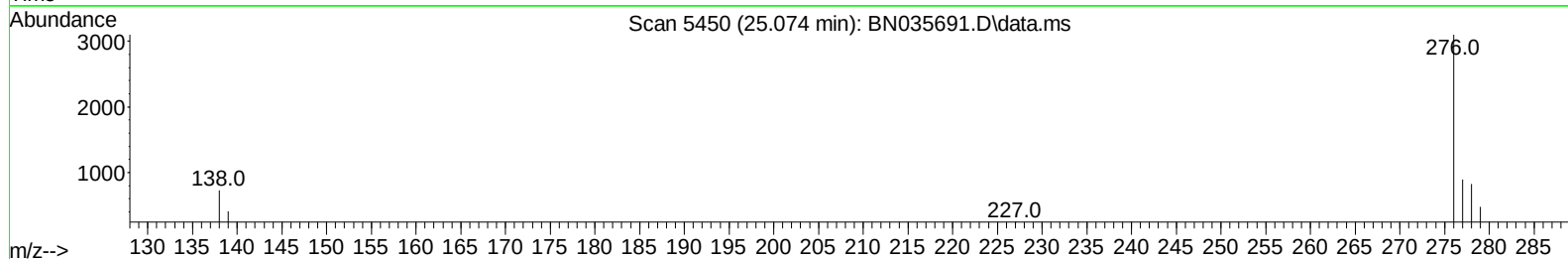
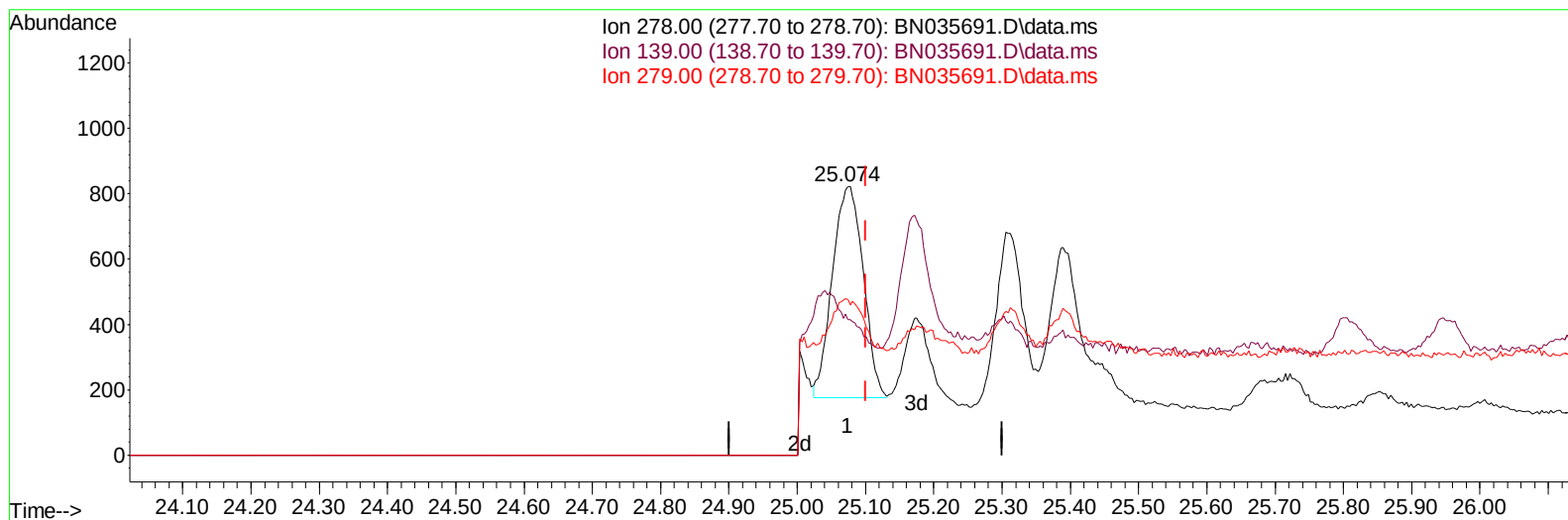
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Data File : BN035691.D
Acq On : 19 Dec 2024 04:18
Operator : RC/JU
Sample : P5258-18
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28Y1

Manual IntegrationsAPPROVED

Quant Time: Dec 19 06:47:18 2024
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TIC: BN035691.D\data.ms

(28) Dibenzo(a,h)anthracene

25.074min (-0.027) 0.05 ng/ul m

response 2023

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	24.80	50.43#
279.00	30.00	57.84#
0.00	0.00	0.00

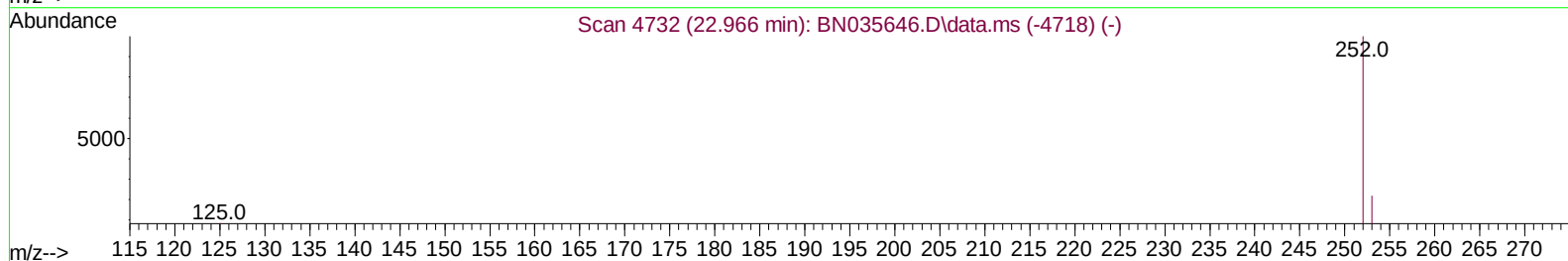
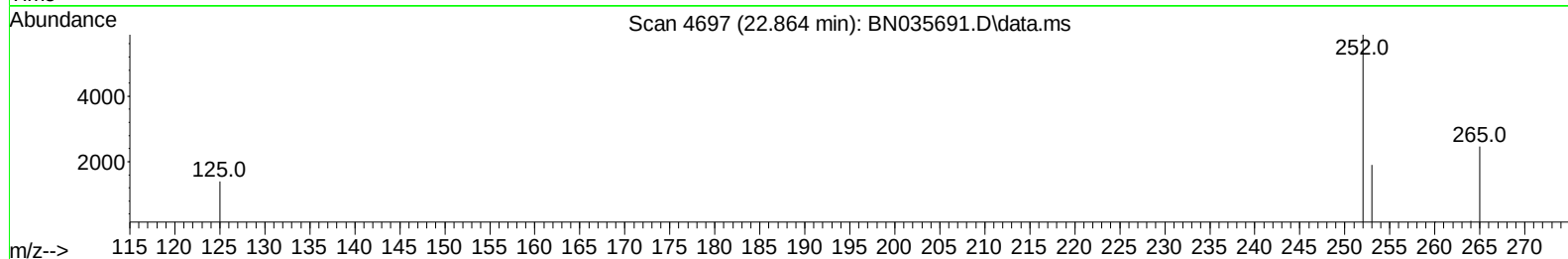
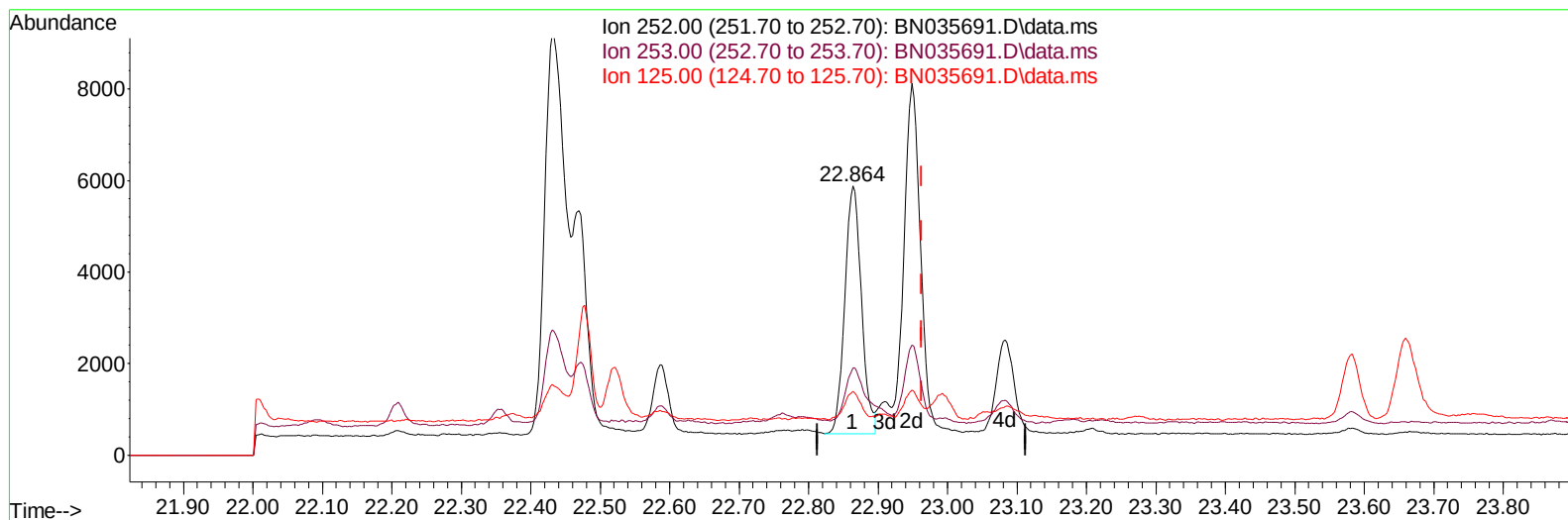
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TIC: BN035691.D\data.ms

(26) Benzo(a)pyrene (C)

22.864min (-0.099) 0.22 ng/u1

response 9051

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	30.10	32.47
125.00	23.90	23.63
0.00	0.00	0.00

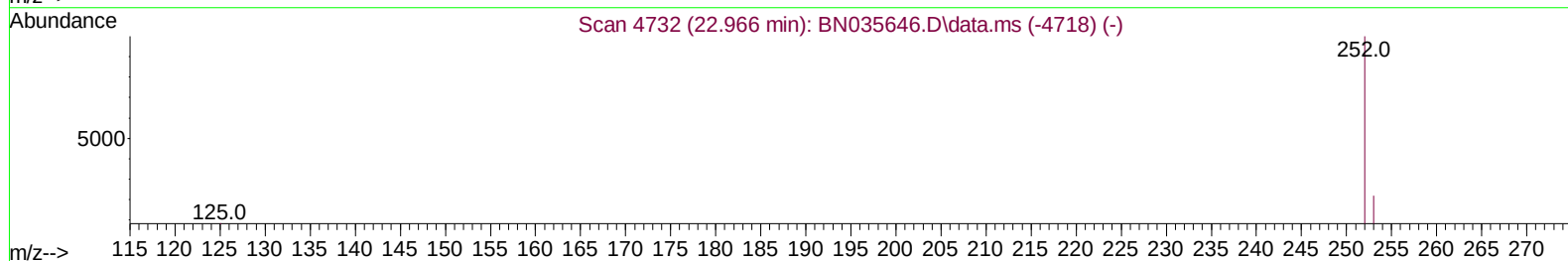
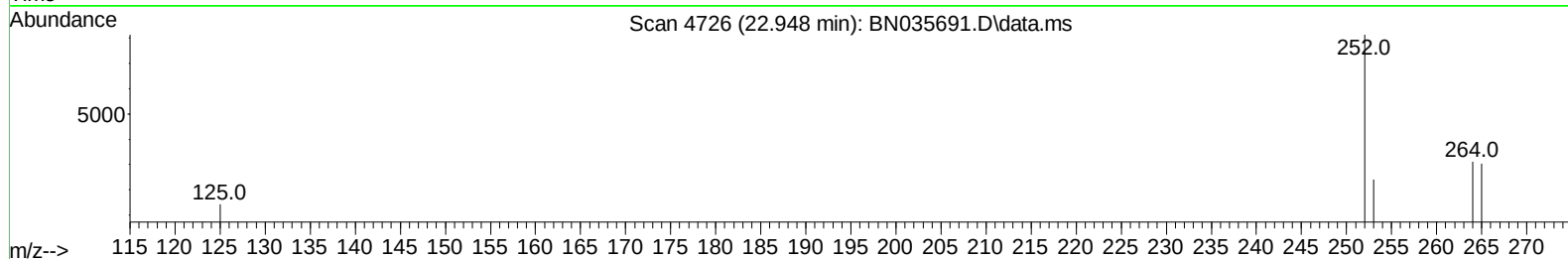
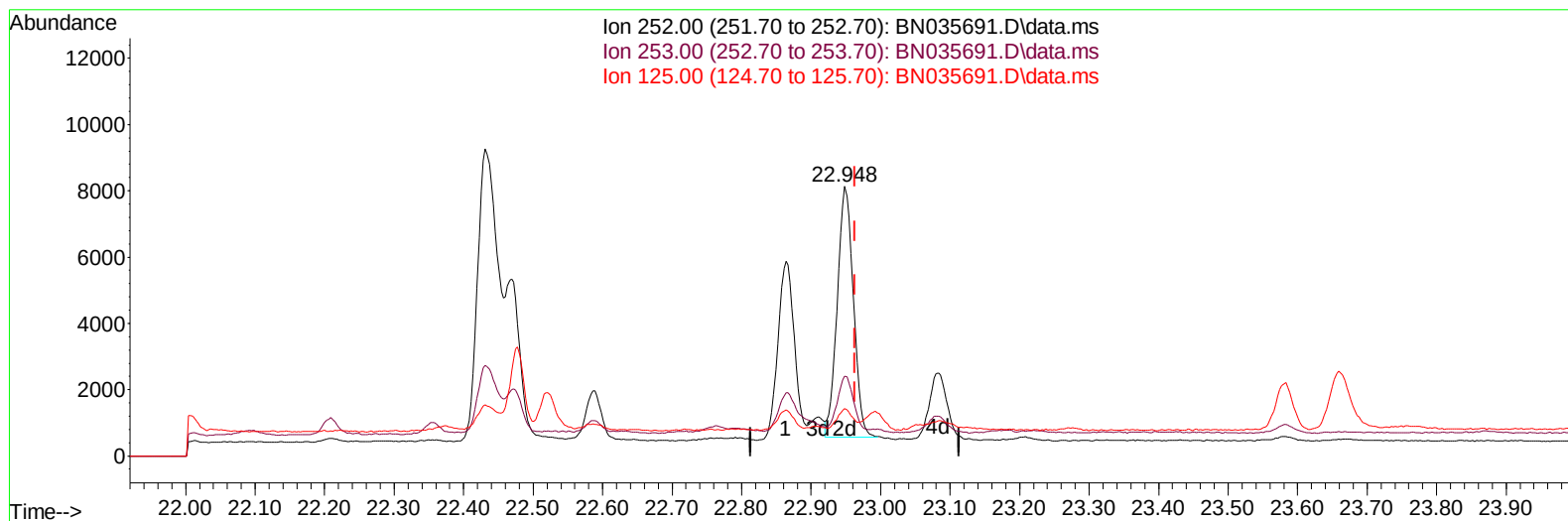
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Data File : BN035691.D
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Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 12/24/2024



TIC: BN035691.D\data.ms

(26) Benzo(a)pyrene (C)

22.948min (-0.014) 0.30 ng/ul m

response 12110

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	30.10	29.57
125.00	23.90	17.50#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
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 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
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 E28Y1

Manual IntegrationsAPPROVED

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.276	152	3042	0.400	ng/ul	0.00
4) Naphthalene-d8	10.020	136	8509	0.400	ng/ul	-0.01
9) Acenaphthene-d10	13.940	164	6106	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.709	188	13460	0.400	ng/ul	0.00
17) Chrysene-d12	20.956	240	12122	0.400	ng/ul	0.00
23) Perylene-d12	23.039	264	14259	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.951	96	9800	3.634	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.626	152	2289	0.189	ng/ul	-0.01
18) Fluoranthene-d10	18.763	212	4555	0.129	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.070	128	626m	0.030	ng/ul	
7) 2-Methylnaphthalene	11.703	142	482	0.034	ng/ul	97
8) 1-Methylnaphthalene	11.928	142	436	0.030	ng/ul	100
11) Acenaphthene	14.004	153	648	0.036	ng/ul	94
12) Fluorene	15.004	166	506	0.024	ng/ul#	90
15) Phenanthrene	16.751	178	11938	0.354	ng/ul	100
16) Anthracene	16.840	178	2639	0.084	ng/ul#	92
19) Fluoranthene	18.791	202	27910	0.644	ng/ul	99
20) Pyrene	19.158	202	25000	0.523	ng/ul	98
21) Benzo(a)anthracene	20.941	228	13142	0.327	ng/ul	98
22) Chrysene	20.991	228	14109	0.338	ng/ul	97
24) Benzo(b)fluoranthene	22.431	252	17927m	0.427	ng/ul	
25) Benzo(k)fluoranthene	22.469	252	6794m	0.146	ng/ul	
26) Benzo(a)pyrene	22.948	252	12110m	0.298	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.064	276	8629m	0.174	ng/ul	
28) Dibenzo(a,h)anthracene	25.074	278	2023m	0.053	ng/ul	
29) Benzo(g,h,i)perylene	25.678	276	8928	0.225	ng/ul	98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035691.D
Acq On : 19 Dec 2024 04:18
Operator : RC/JU
Sample : P5258-18
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28Y1

Manual IntegrationsAPPROVED

Quant Time: Dec 19 06:47:18 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 12/24/2024
Supervised By :mohammad ahmed 12/24/2024

