

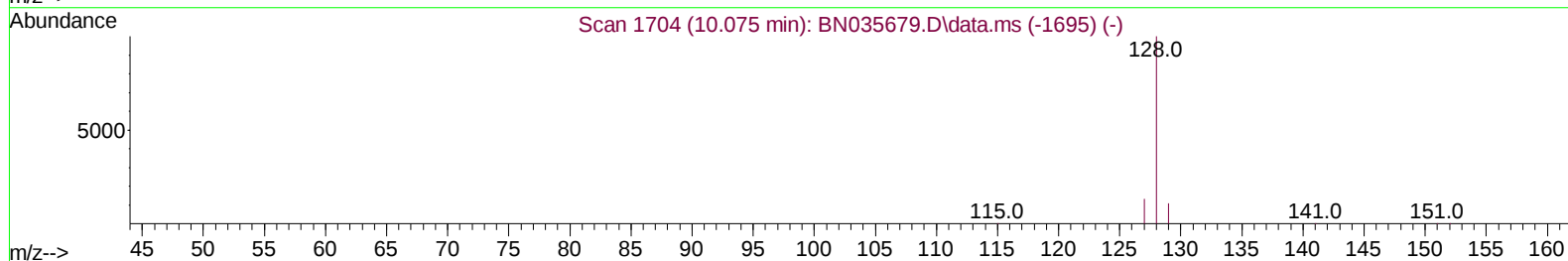
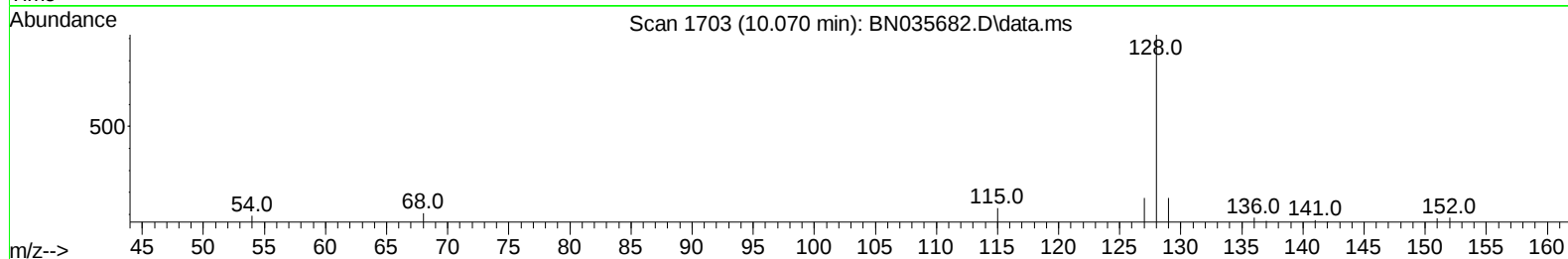
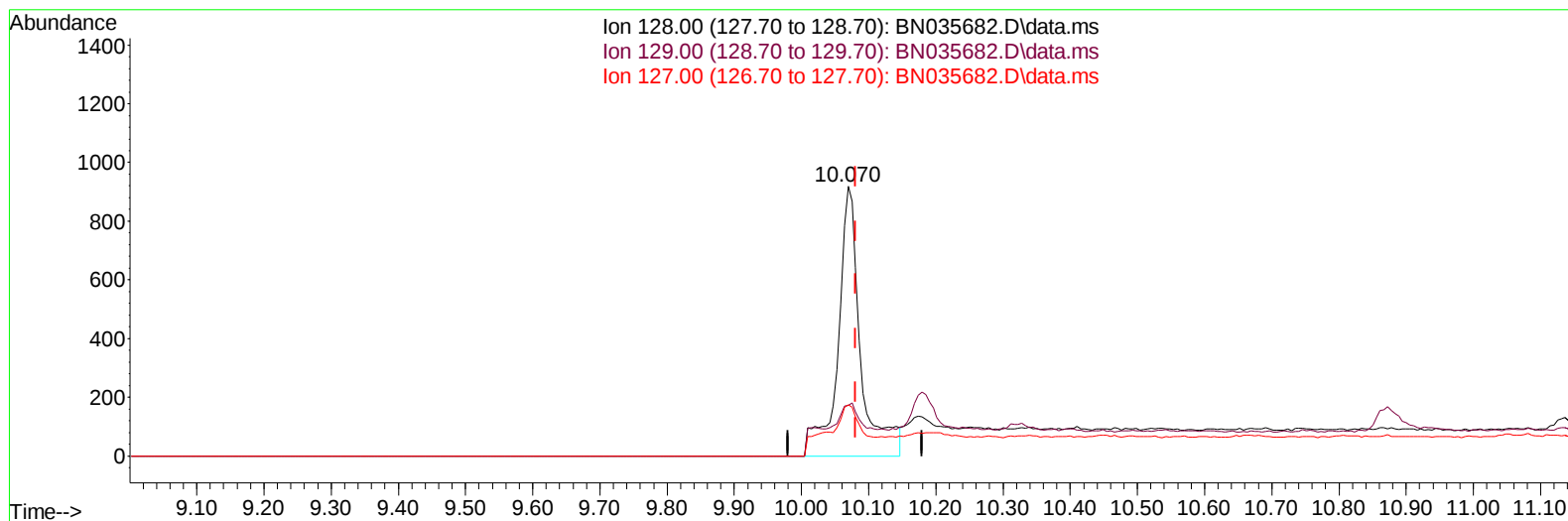
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035682.D
Acq On : 18 Dec 2024 22:54
Operator : RC/JU
Sample : P5258-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28W7

Manual IntegrationsAPPROVED

Quant Time: Dec 19 02:15:15 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 12/24/2024
Supervised By :mohammad ahmed 12/24/2024



TIC: BN035682.D\data.ms

(5) Naphthalene

10.070min (-0.011) 0.11 ng/u1

response 2122

Ion	Exp%	Act%
128.00	100.00	100.00
129.00	13.50	18.85#
127.00	15.00	19.06#
0.00	0.00	0.00

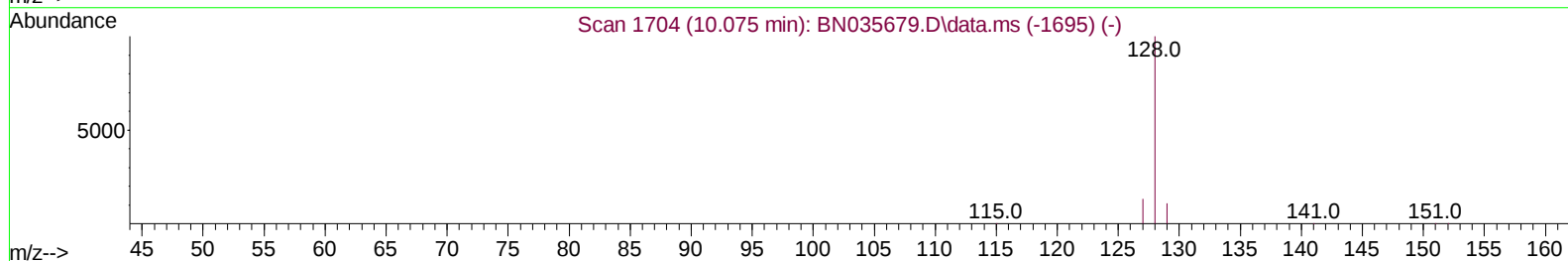
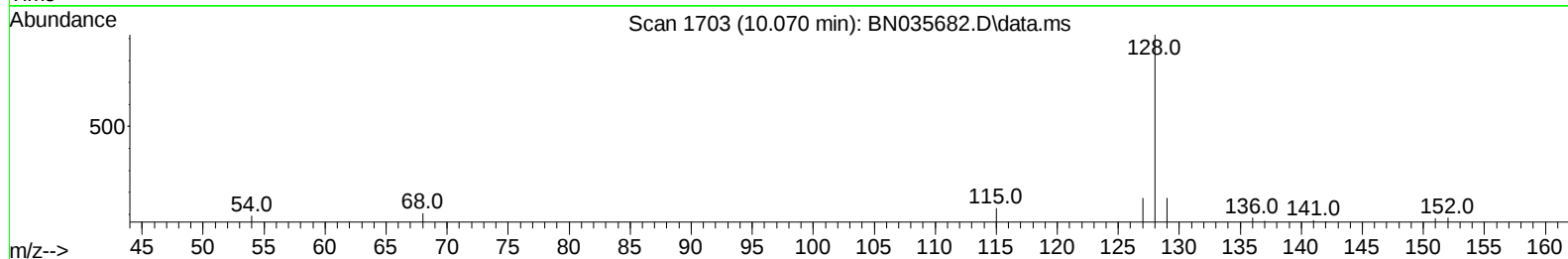
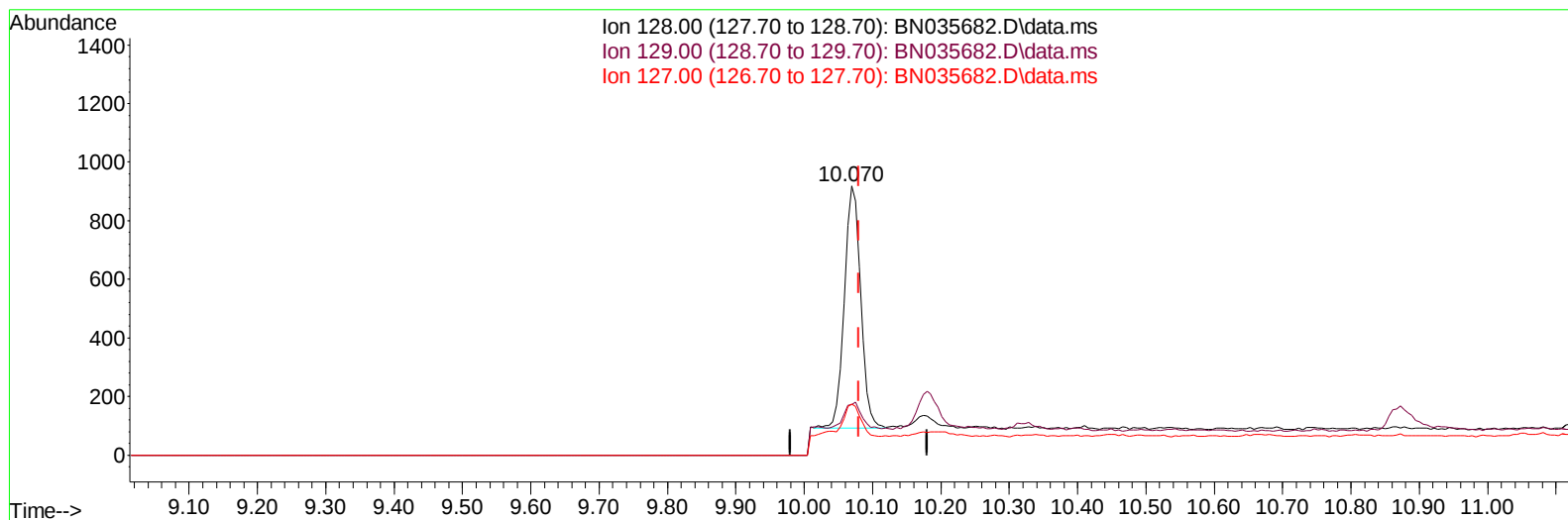
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035682.D
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Operator : RC/JU
Sample : P5258-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual IntegrationsAPPROVED

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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: BN035682.D\data.ms

(5) Naphthalene

10.070min (-0.011) 0.07 ng/ul m

response 1353

Ion	Exp%	Act%
128.00	100.00	100.00
129.00	13.50	18.85#
127.00	15.00	19.06#
0.00	0.00	0.00

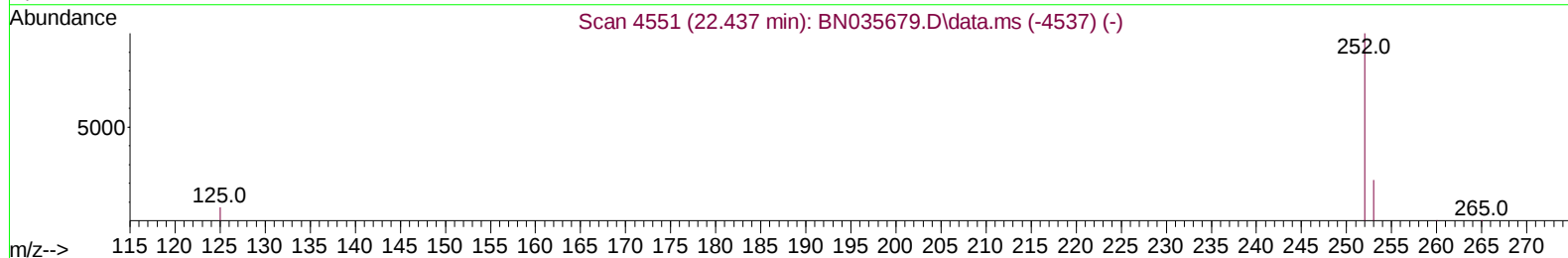
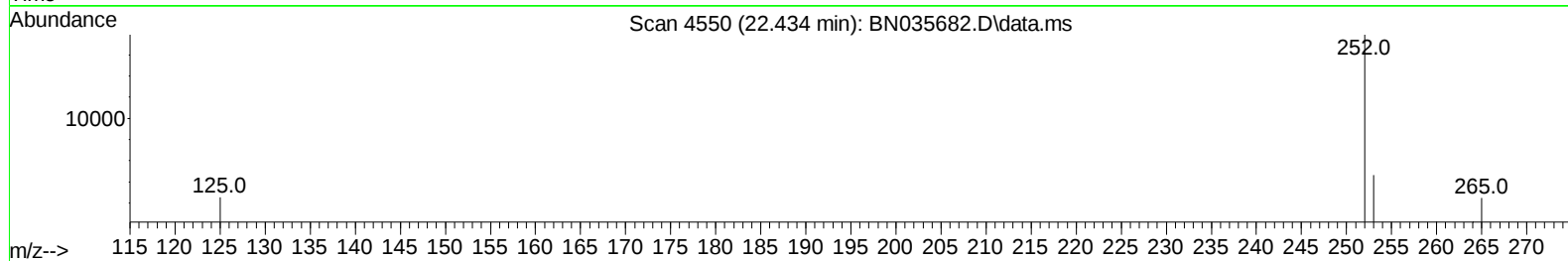
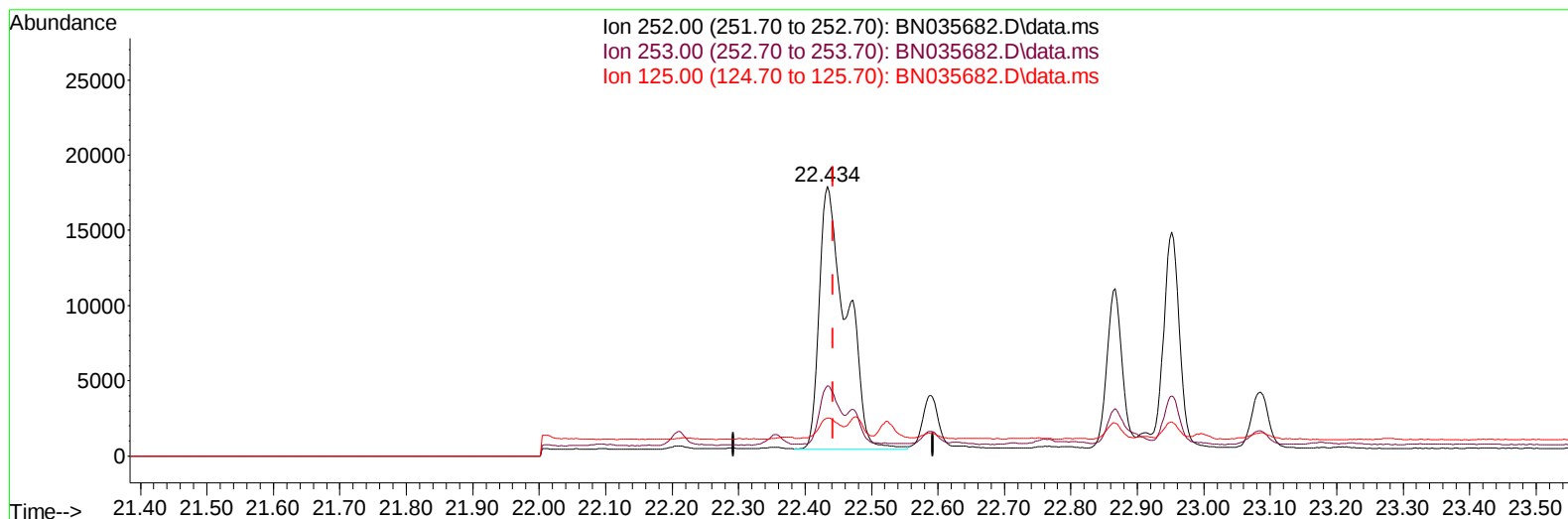
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035682.D
Acq On : 18 Dec 2024 22:54
Operator : RC/JU
Sample : P5258-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28W7

Manual IntegrationsAPPROVED

Quant Time: Dec 19 02:15:15 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
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Reviewed By :Yogesh Patel 12/24/2024
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TIC: BN035682.D\data.ms

(24) Benzo(b)fluoranthene

22.434min (-0.009) 1.28 ng/u1

response 49346

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.20	26.03
125.00	18.80	14.10
0.00	0.00	0.00

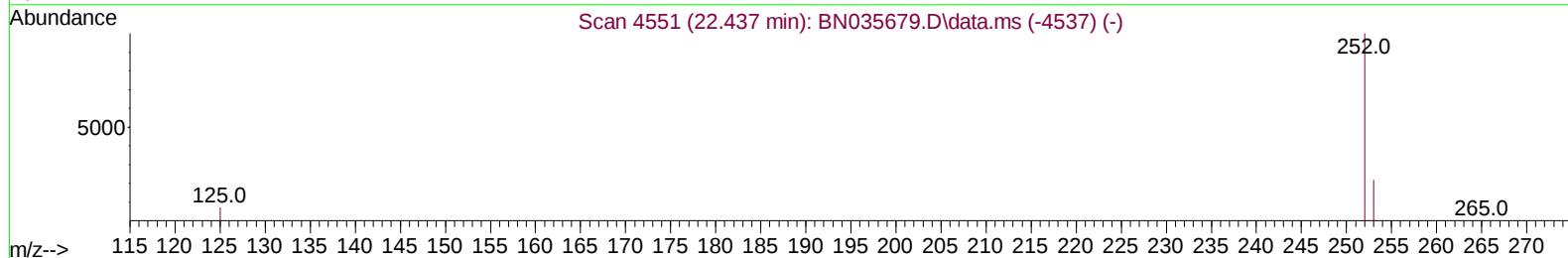
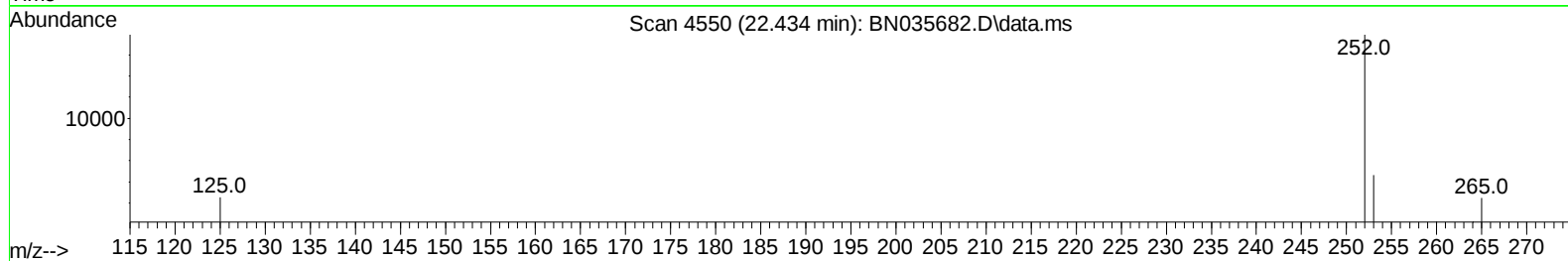
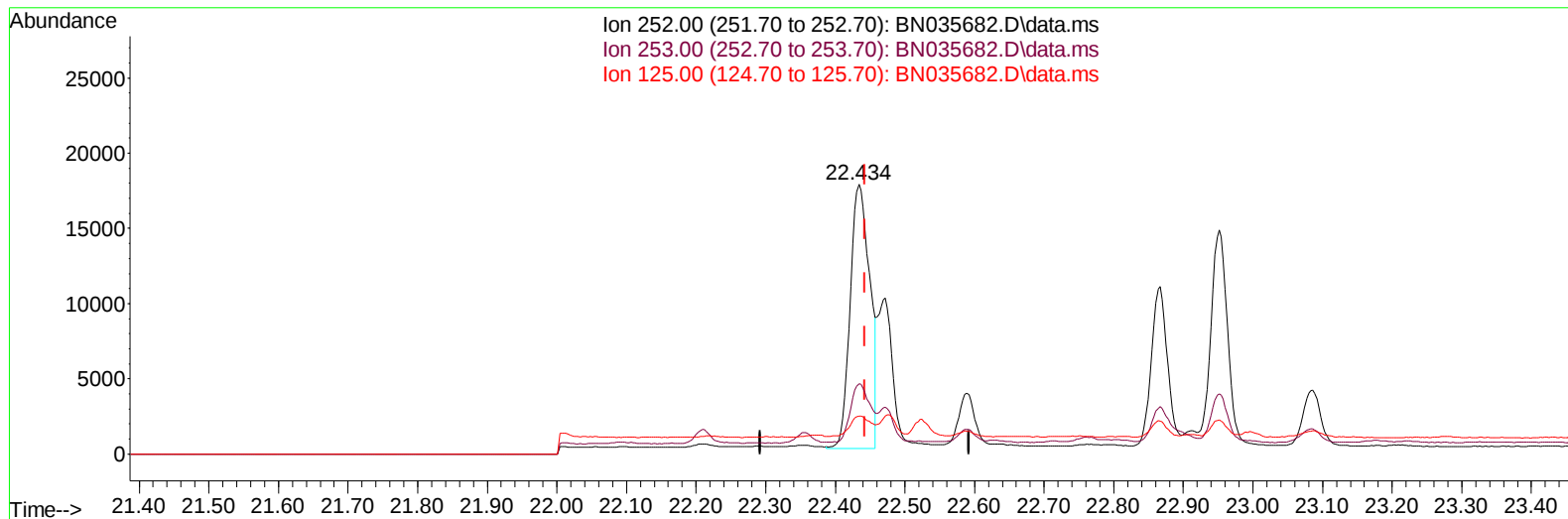
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035682.D
Acq On : 18 Dec 2024 22:54
Operator : RC/JU
Sample : P5258-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28W7

Manual IntegrationsAPPROVED

Quant Time: Dec 19 02:15:15 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 12/24/2024
Supervised By :mohammad ahmed 12/24/2024



TIC: BN035682.D\data.ms

(24) Benzo(b)fluoranthene

22.434min (-0.009) 0.90 ng/u1 m

response 34621

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.20	26.03
125.00	18.80	14.10
0.00	0.00	0.00

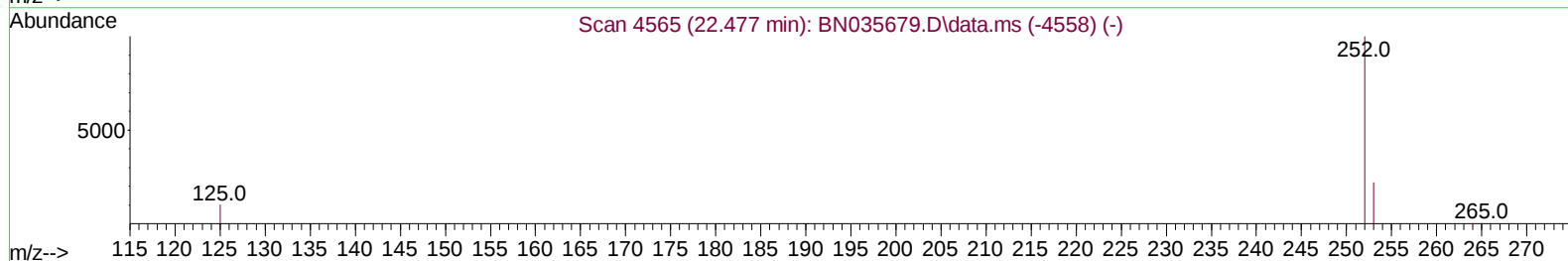
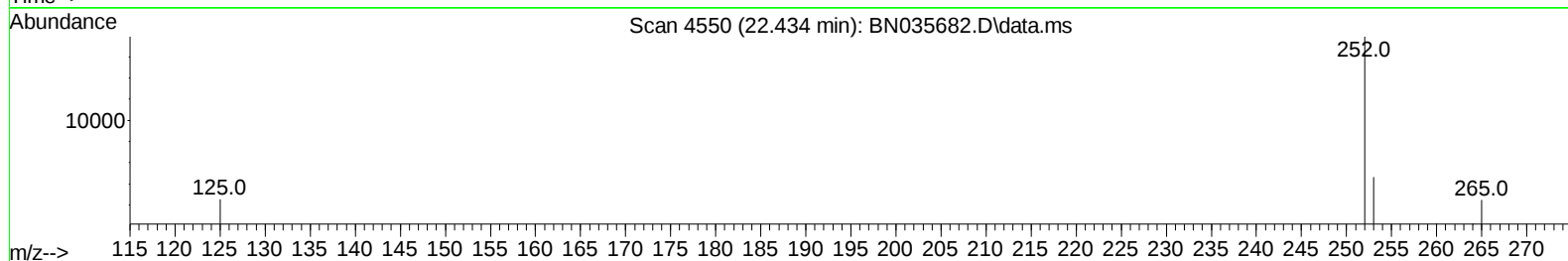
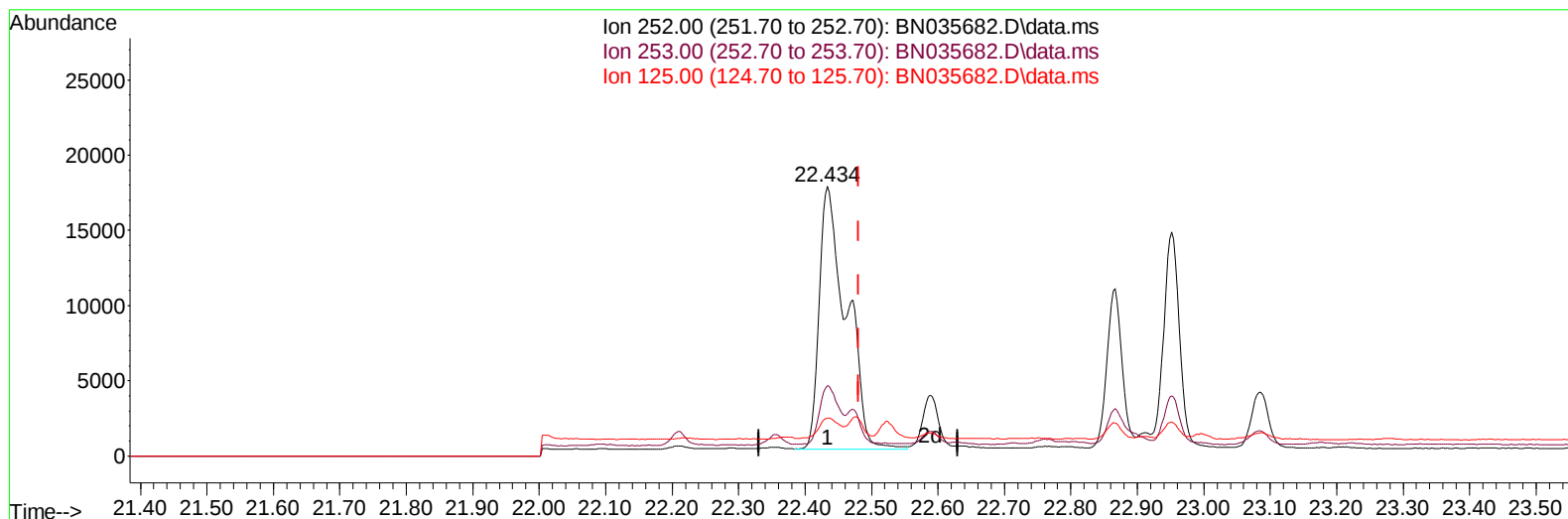
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035682.D
Acq On : 18 Dec 2024 22:54
Operator : RC/JU
Sample : P5258-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28W7

Manual IntegrationsAPPROVED

Quant Time: Dec 19 02:15:15 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 12/24/2024
Supervised By :mohammad ahmed 12/24/2024



TIC: BN035682.D\data.ms

(25) Benzo(k)fluoranthene

22.434min (-0.047) 1.16 ng/u1

response 49346

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.60	26.03
125.00	19.10	14.10#
0.00	0.00	0.00

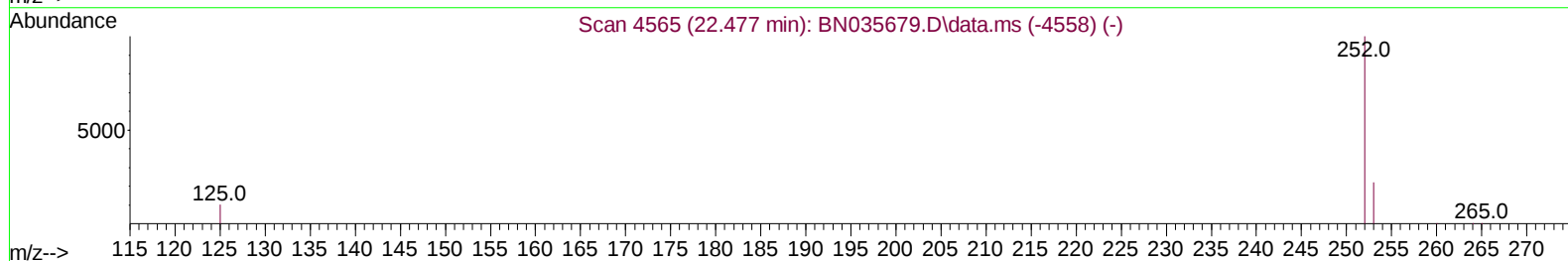
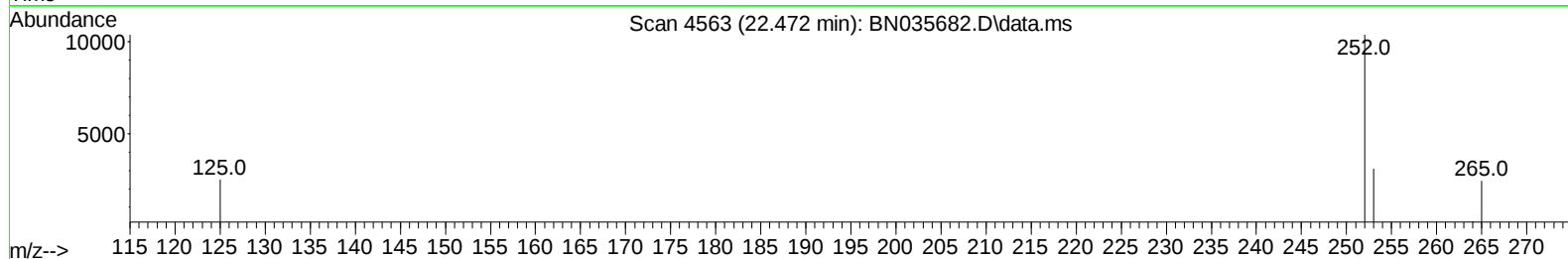
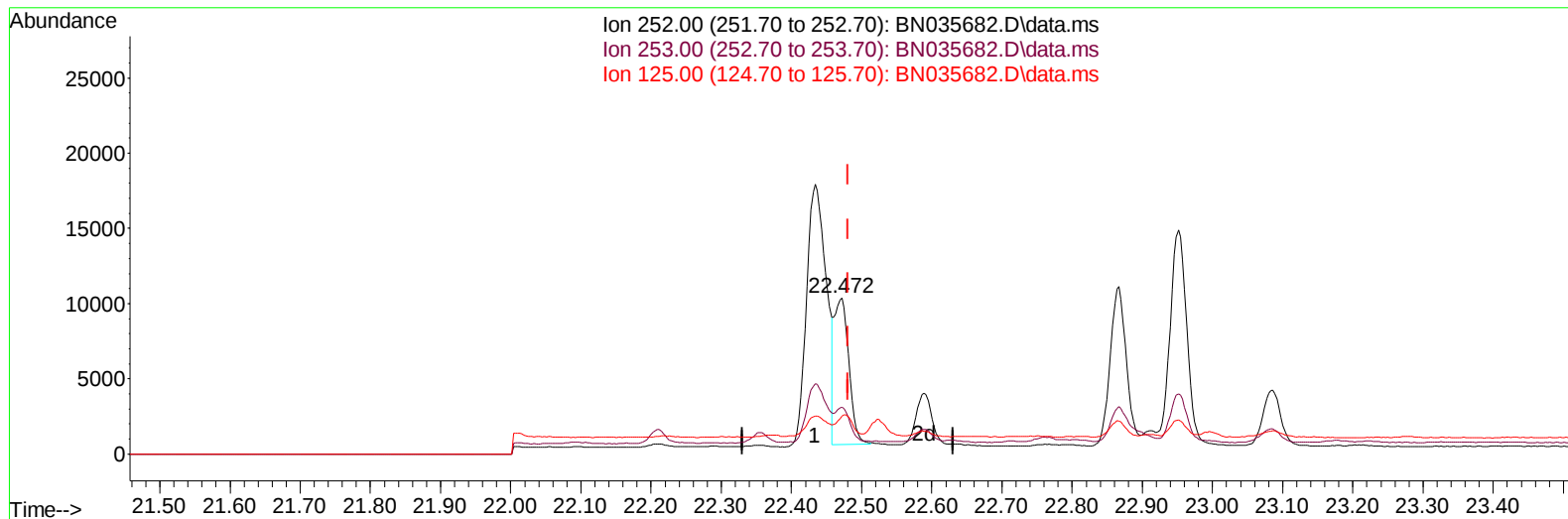
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035682.D
Acq On : 18 Dec 2024 22:54
Operator : RC/JU
Sample : P5258-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28W7

Manual IntegrationsAPPROVED

Quant Time: Dec 19 02:15:15 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 12/24/2024
Supervised By :mohammad ahmed 12/24/2024



TIC: BN035682.D\data.ms

(25) Benzo(k)fluoranthene

22.472min (-0.009) 0.33 ng/u1 m

response 14198

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.60	29.92
125.00	19.10	24.12#
0.00	0.00	0.00

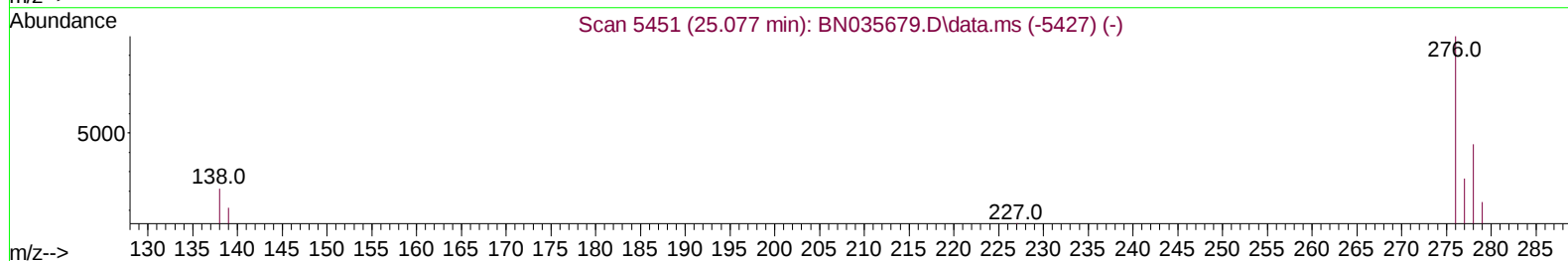
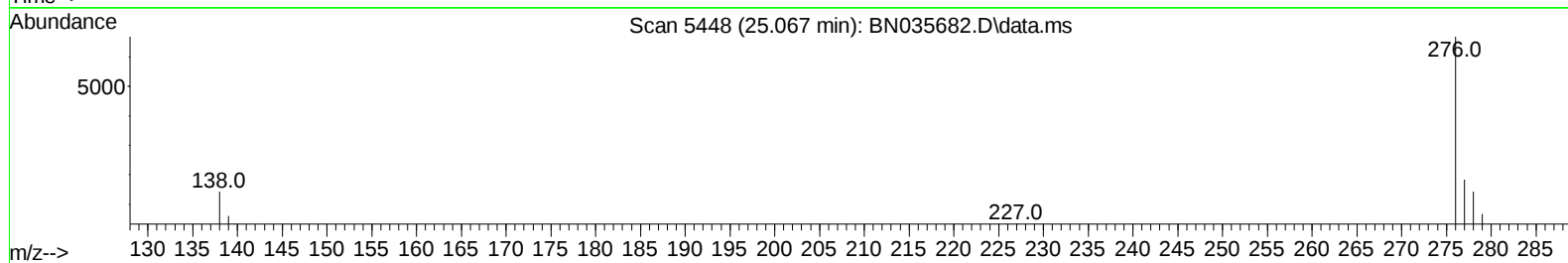
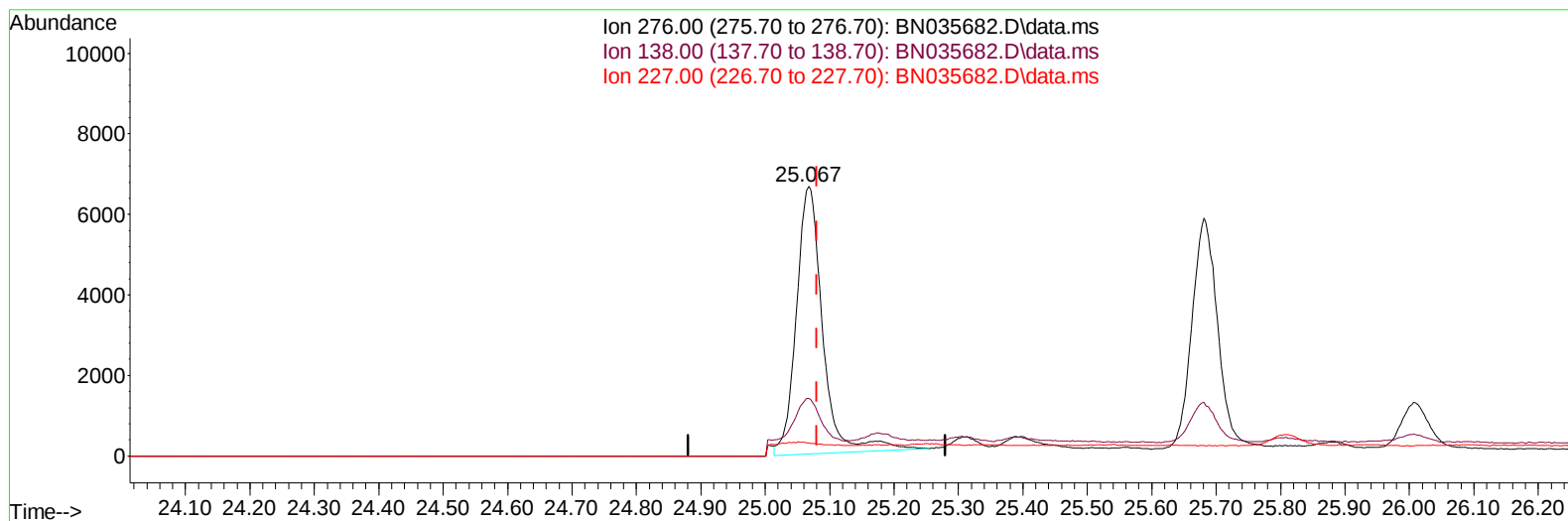
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035682.D
Acq On : 18 Dec 2024 22:54
Operator : RC/JU
Sample : P5258-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28W7

Manual IntegrationsAPPROVED

Quant Time: Dec 19 02:15:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN121624.M
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Reviewed By :Yogesh Patel 12/24/2024
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TIC: BN035682.D\data.ms

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

25.067min (-0.013) 0.41 ng/u1

response 18810

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	18.40	16.10
227.00	27.00	23.41
0.00	0.00	0.00

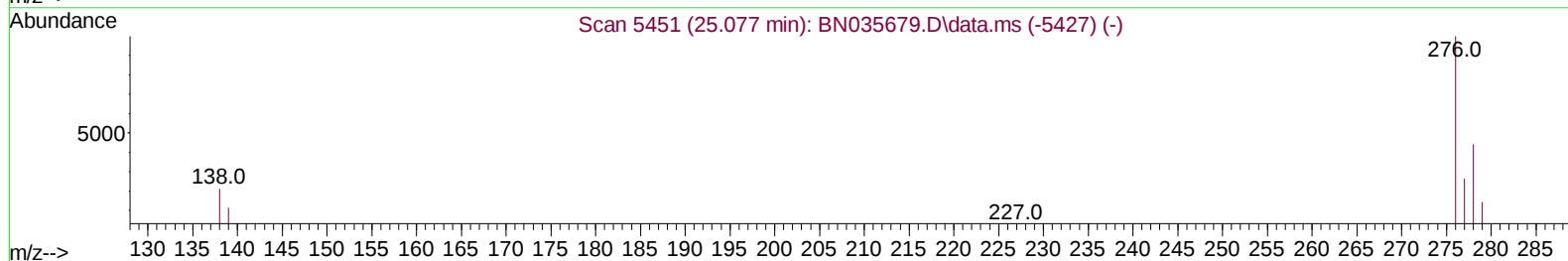
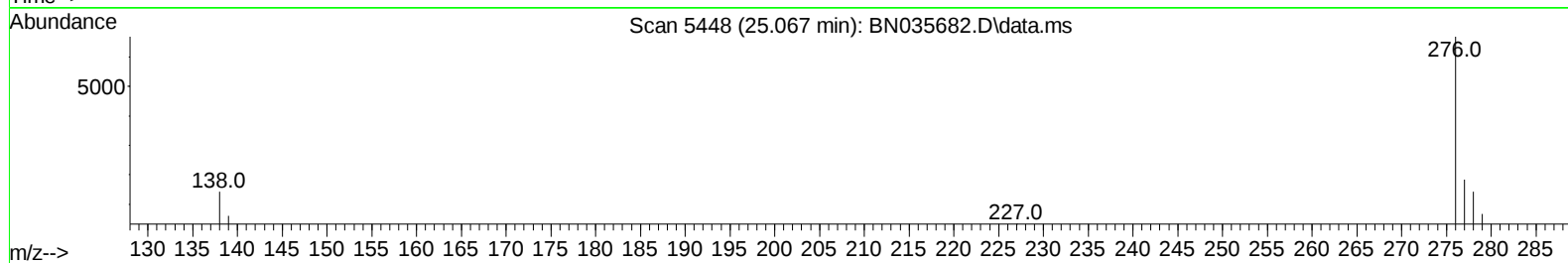
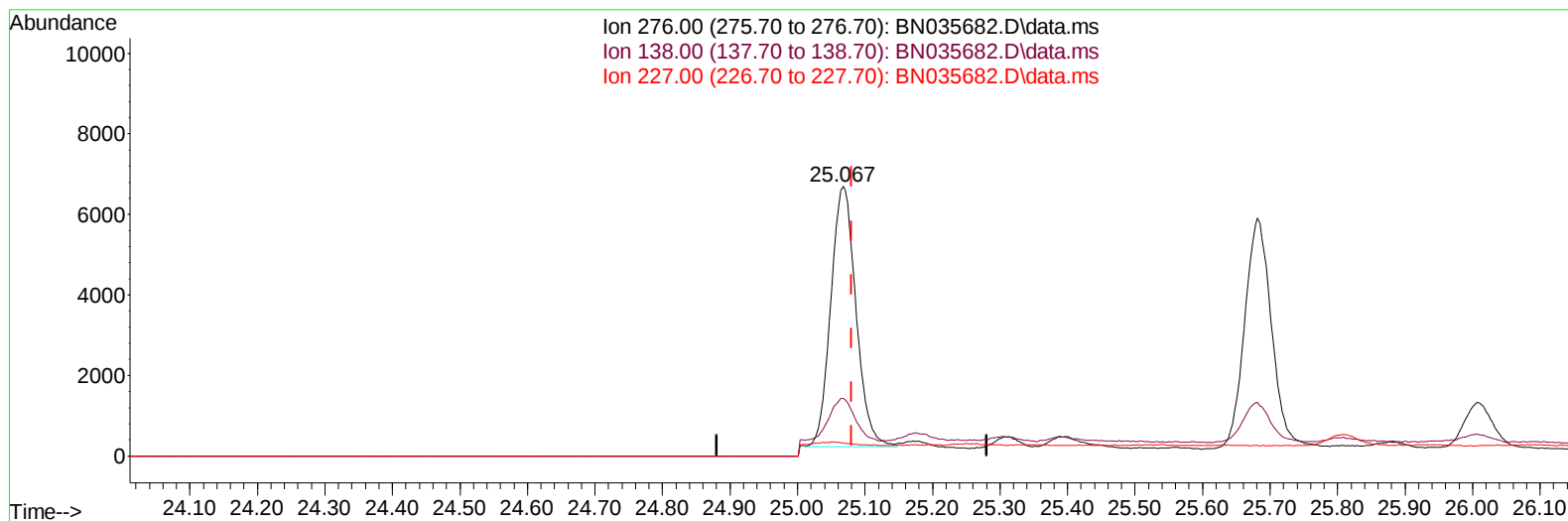
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Data File : BN035682.D
Acq On : 18 Dec 2024 22:54
Operator : RC/JU
Sample : P5258-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28W7

Manual IntegrationsAPPROVED

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

Quant Time: Dec 19 02:15:15 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: BN035682.D\data.ms

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

25.067min (-0.013) 0.37 ng/u1 m

response 16676

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	18.40	18.16
227.00	27.00	26.40
0.00	0.00	0.00

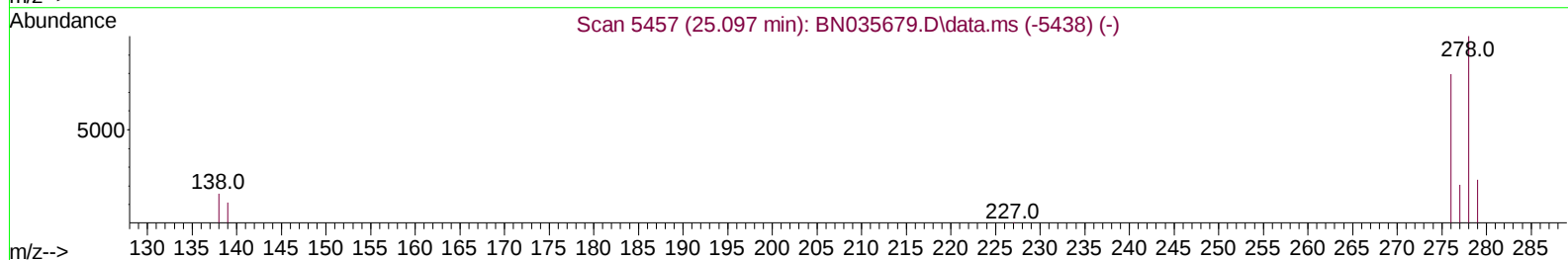
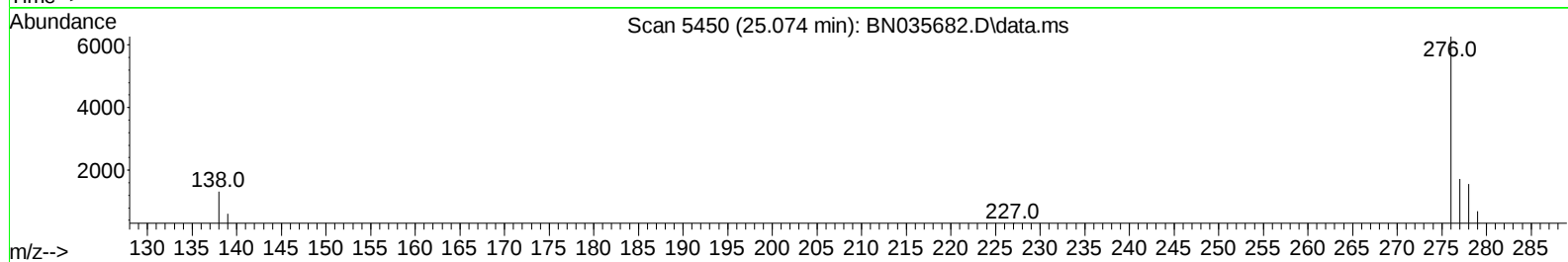
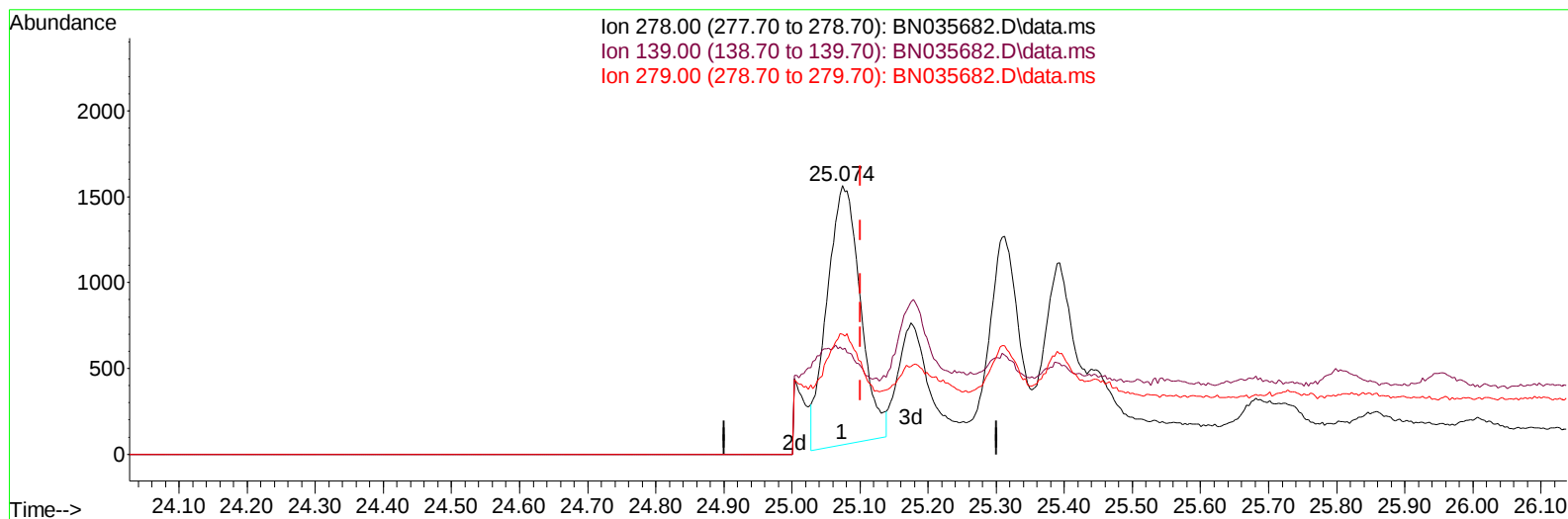
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035682.D
Acq On : 18 Dec 2024 22:54
Operator : RC/JU
Sample : P5258-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28W7

Manual IntegrationsAPPROVED

Quant Time: Dec 19 02:15:15 2024
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TIC: BN035682.D\data.ms

(28) Dibenzo(a,h)anthracene

25.074min (-0.027) 0.15 ng/u1

response 5129

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	24.80	39.03#
279.00	30.00	44.79#
0.00	0.00	0.00

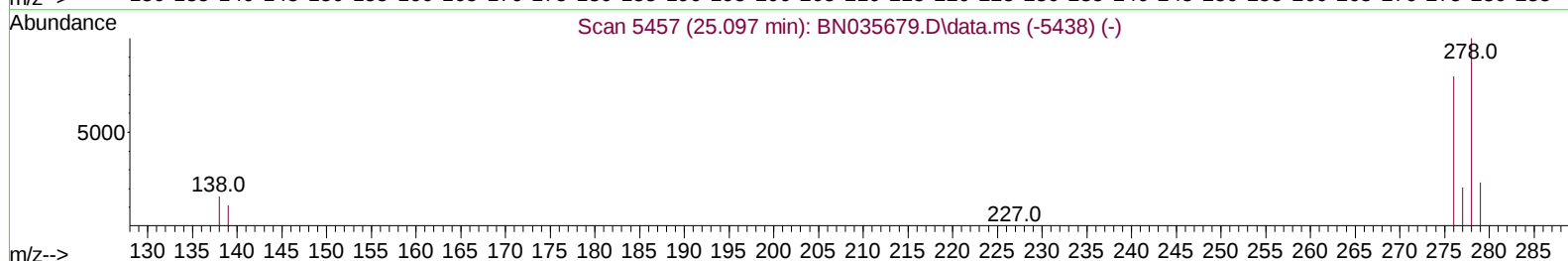
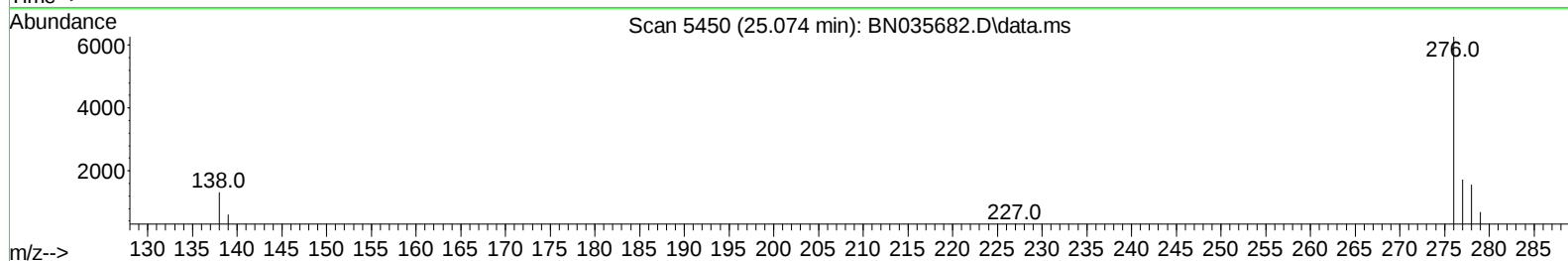
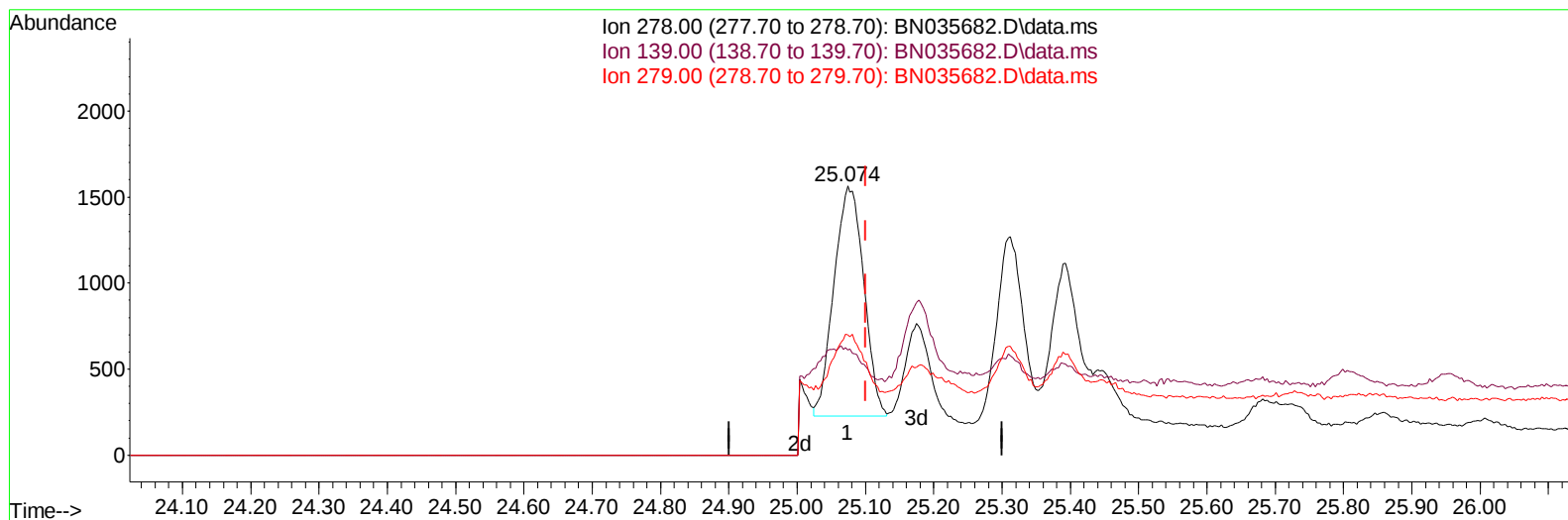
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035682.D
Acq On : 18 Dec 2024 22:54
Operator : RC/JU
Sample : P5258-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28W7

Manual IntegrationsAPPROVED

Quant Time: Dec 19 02:15:15 2024
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Reviewed By :Yogesh Patel 12/24/2024
Supervised By :mohammad ahmed 12/24/2024



TIC: BN035682.D\data.ms

(28) Dibenzo(a,h)anthracene

25.074min (-0.027) 0.12 ng/ul m

response 4028

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	24.80	39.03#
279.00	30.00	44.79#
0.00	0.00	0.00

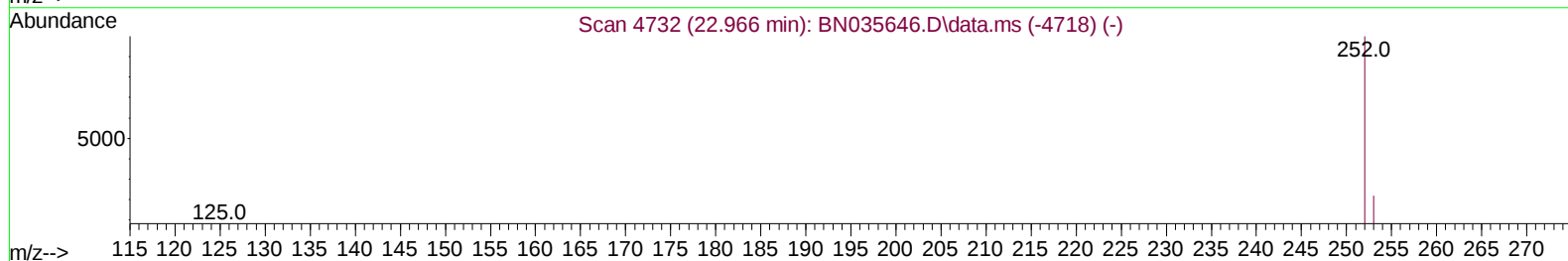
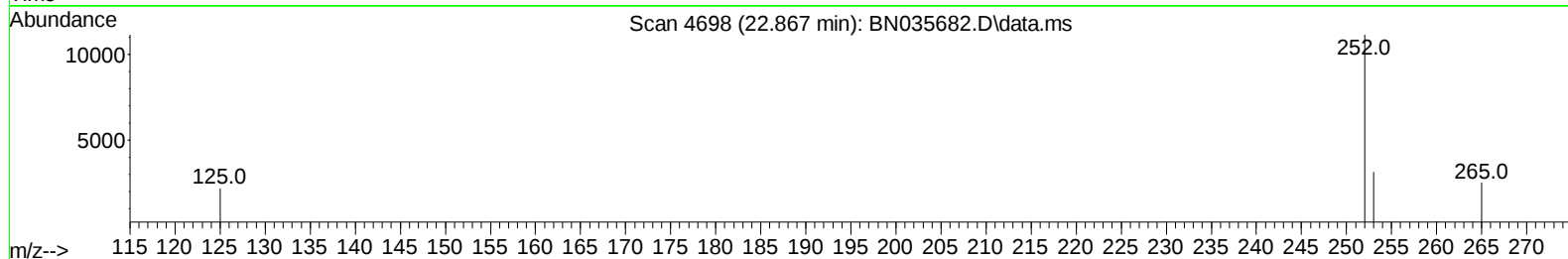
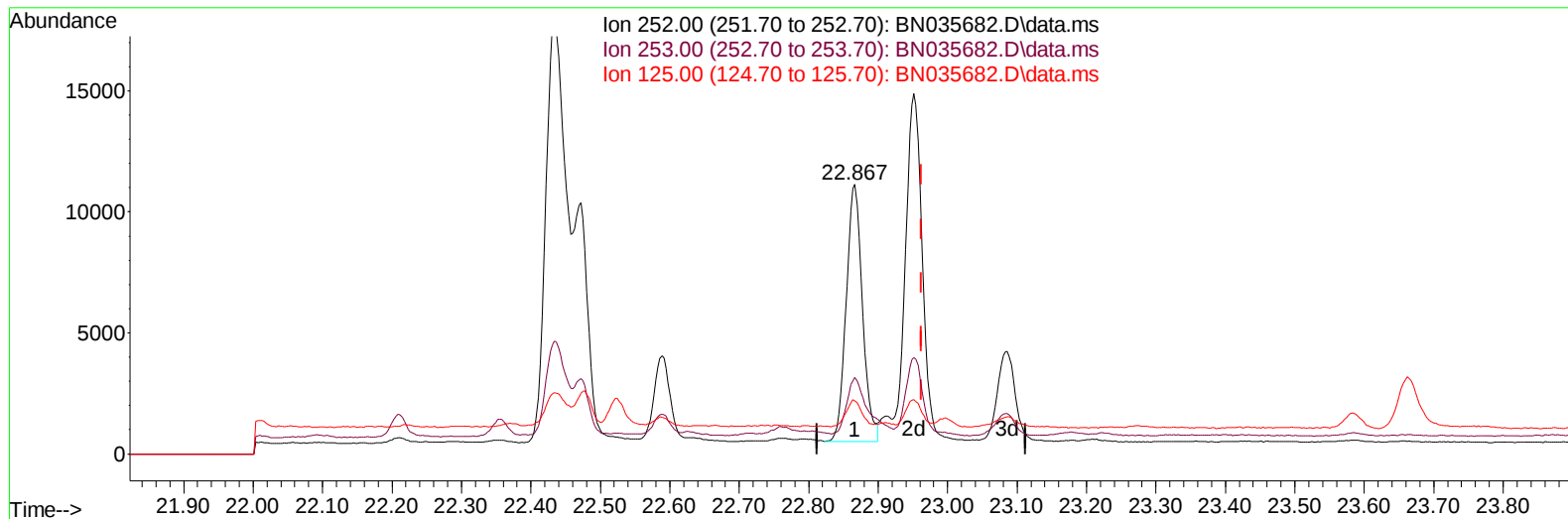
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Acq On : 18 Dec 2024 22:54
Operator : RC/JU
Sample : P5258-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28W7

Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 12/24/2024
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TIC: BN035682.D\data.ms

(26) Benzo(a)pyrene (C)

22.867min (-0.096) 0.46 ng/u1

response 17209

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	30.10	28.34
125.00	23.90	19.72
0.00	0.00	0.00

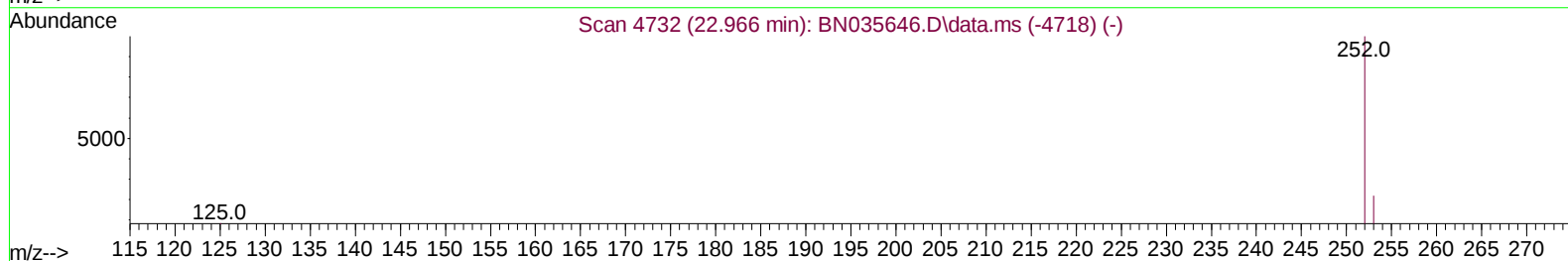
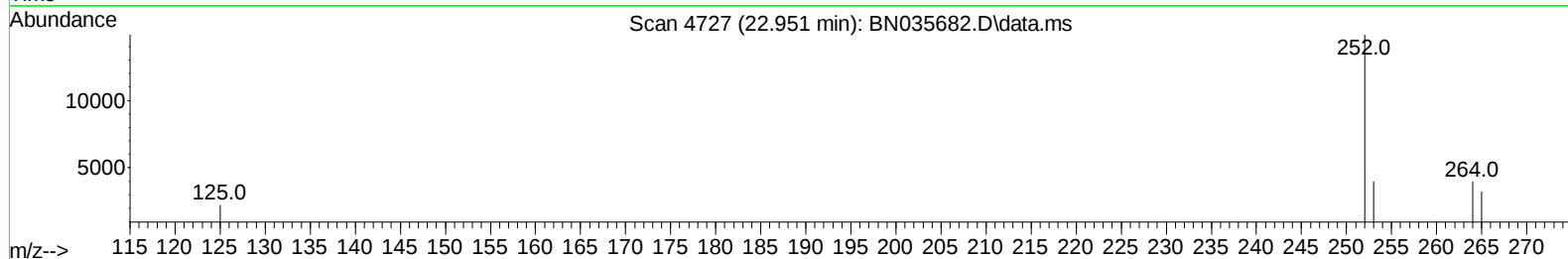
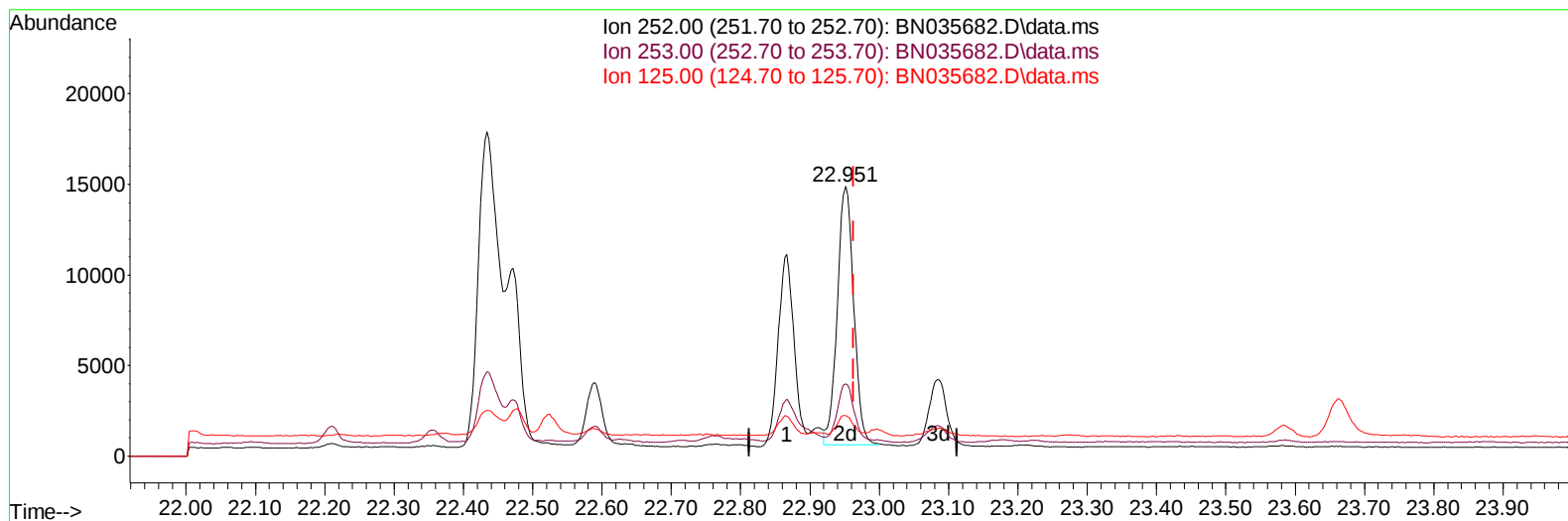
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035682.D
Acq On : 18 Dec 2024 22:54
Operator : RC/JU
Sample : P5258-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28W7

Manual IntegrationsAPPROVED

Quant Time: Dec 19 02:15:15 2024
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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

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



TIC: BN035682.D\data.ms

(26) Benzo(a)pyrene (C)

22.951min (-0.012) 0.63 ng/u1 m

response 23509

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	30.10	26.77
125.00	23.90	15.09#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
 Data File : BN035682.D
 Acq On : 18 Dec 2024 22:54
 Operator : RC/JU
 Sample : P5258-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28W7

Manual IntegrationsAPPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.276	152	2957	0.400	ng/ul	0.00
4) Naphthalene-d8	10.020	136	8134	0.400	ng/ul	-0.01
9) Acenaphthene-d10	13.940	164	5757	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.709	188	12198	0.400	ng/ul	0.00
17) Chrysene-d12	20.956	240	10307	0.400	ng/ul	0.00
23) Perylene-d12	23.042	264	13076	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.951	96	10603	4.044	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.626	152	2848	0.246	ng/ul	-0.01
18) Fluoranthene-d10	18.763	212	6417	0.213	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.070	128	1353m	0.068	ng/ul	
7) 2-Methylnaphthalene	11.703	142	1150	0.086	ng/ul	98
8) 1-Methylnaphthalene	11.928	142	566	0.041	ng/ul	97
10) Acenaphthylene	13.653	152	3250	0.146	ng/ul	95
11) Acenaphthene	14.000	153	458	0.027	ng/ul#	89
12) Fluorene	15.008	166	792	0.040	ng/ul#	93
15) Phenanthrene	16.751	178	12869	0.422	ng/ul	99
16) Anthracene	16.840	178	4534	0.159	ng/ul#	94
19) Fluoranthene	18.791	202	44301	1.202	ng/ul	100
20) Pyrene	19.163	202	39884	0.982	ng/ul	98
21) Benzo(a)anthracene	20.941	228	22902	0.670	ng/ul	95
22) Chrysene	20.991	228	22049	0.622	ng/ul	97
24) Benzo(b)fluoranthene	22.434	252	34621m	0.898	ng/ul	
25) Benzo(k)fluoranthene	22.472	252	14198m	0.333	ng/ul	
26) Benzo(a)pyrene	22.951	252	23509m	0.630	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.067	276	16676m	0.367	ng/ul	
28) Dibenzo(a,h)anthracene	25.074	278	4028m	0.116	ng/ul	
29) Benzo(g,h,i)perylene	25.681	276	16089	0.441	ng/ul	97

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

