

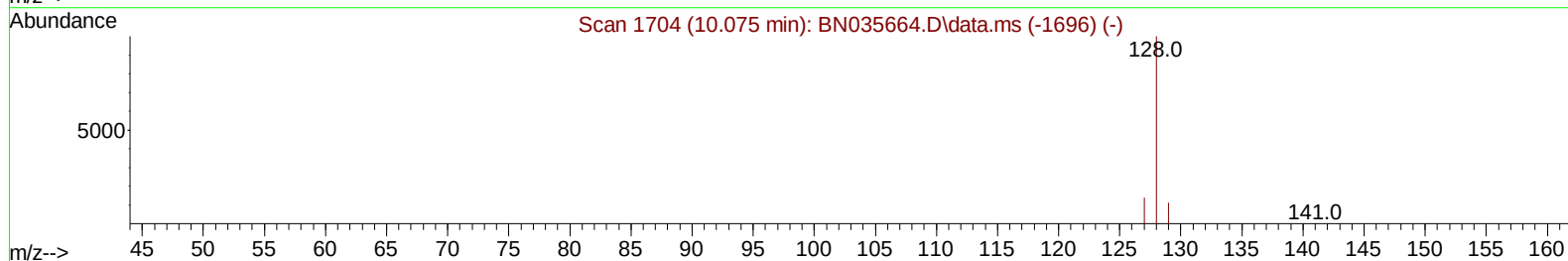
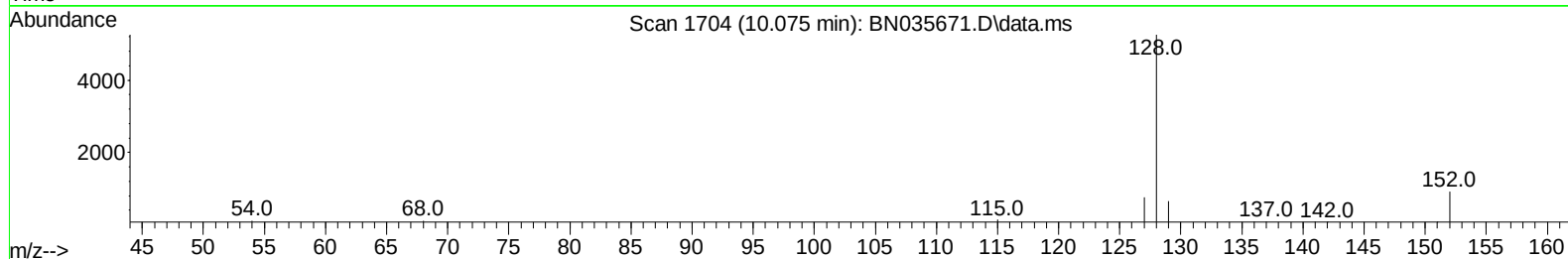
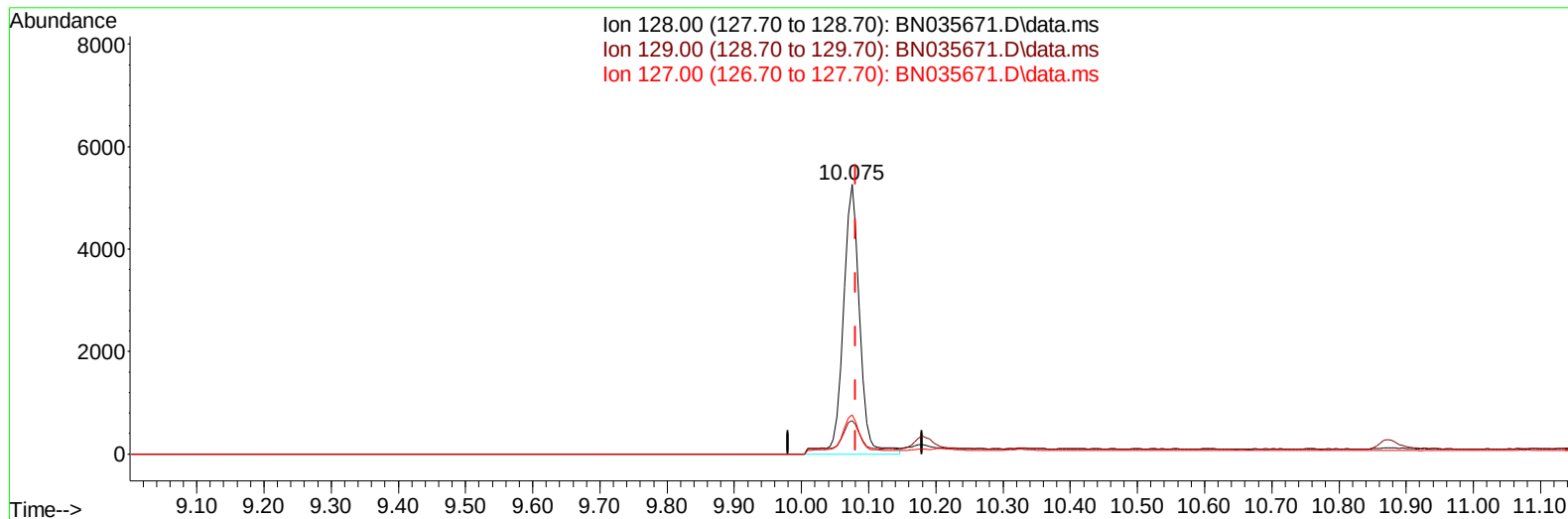
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035671.D
Acq On : 18 Dec 2024 15:40
Operator : RC/JU
Sample : P5155-20
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28W3

Manual IntegrationsAPPROVED

Quant Time: Dec 18 16:24:12 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: BN035671.D\data.ms

(5) Naphthalene

10.075min (-0.005) 0.42 ng/u1

response 8857

Ion	Exp%	Act%
128.00	100.00	100.00
129.00	13.50	12.47
127.00	15.00	14.52
0.00	0.00	0.00

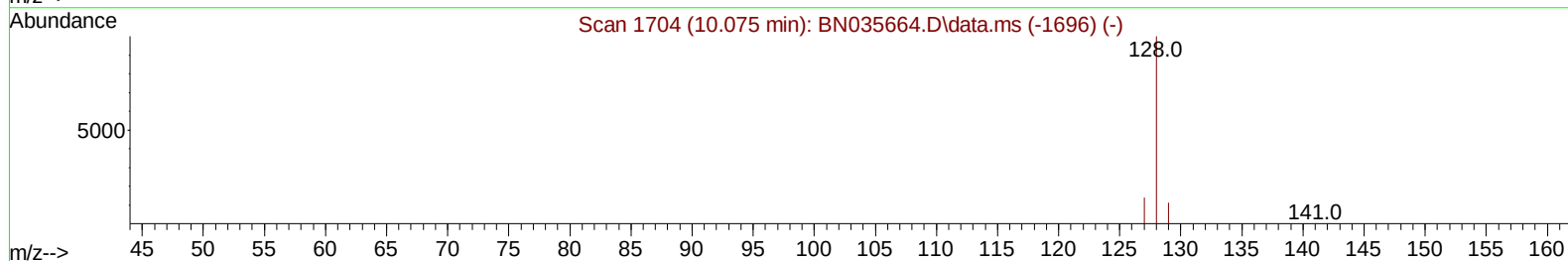
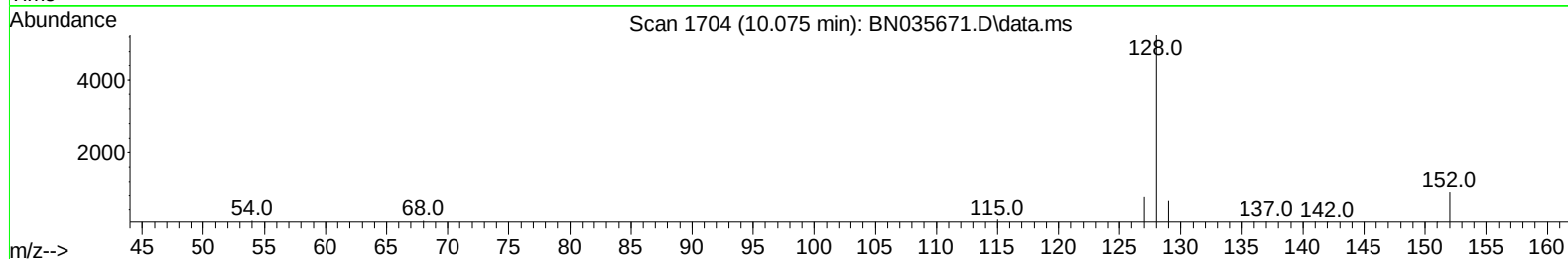
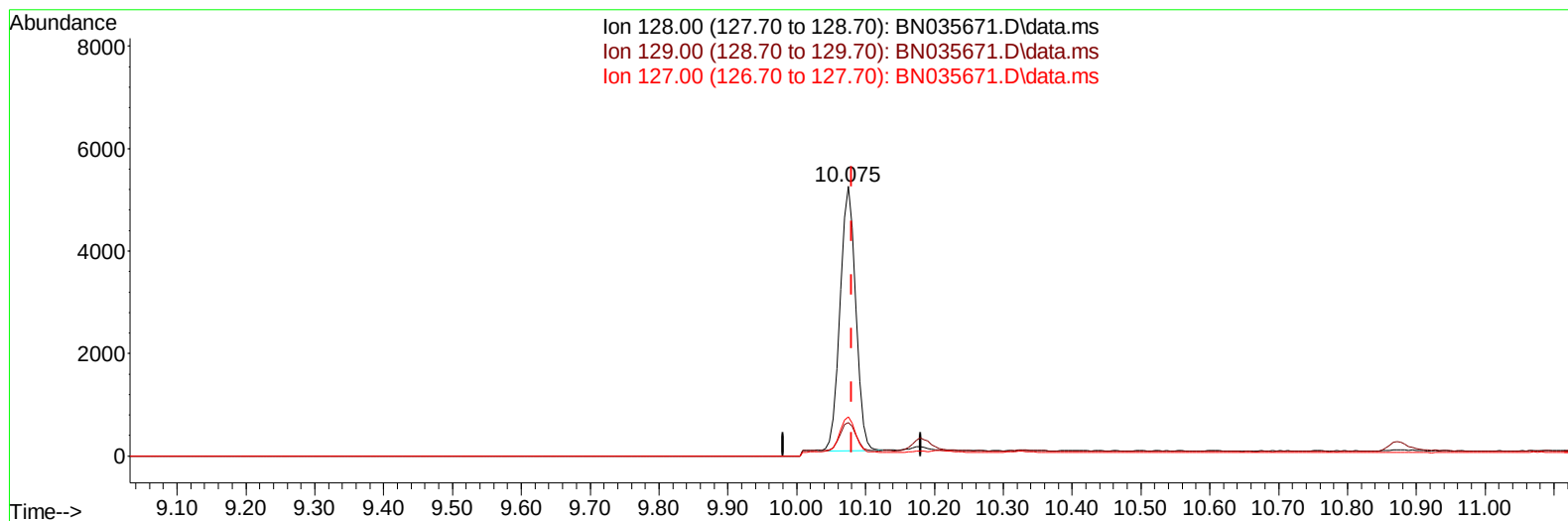
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035671.D
Acq On : 18 Dec 2024 15:40
Operator : RC/JU
Sample : P5155-20
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BN035671.D\data.ms

(5) Naphthalene

10.075min (-0.005) 0.38 ng/ul m

response 8099

Ion	Exp%	Act%
128.00	100.00	100.00
129.00	13.50	12.47
127.00	15.00	14.52
0.00	0.00	0.00

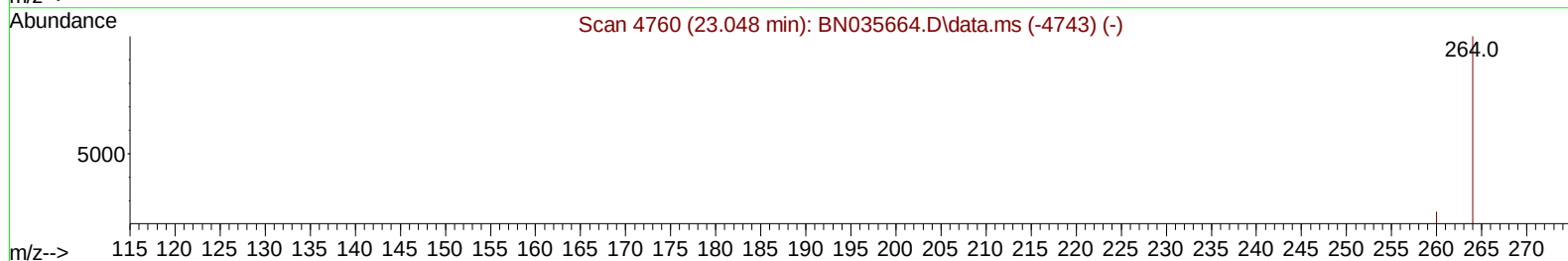
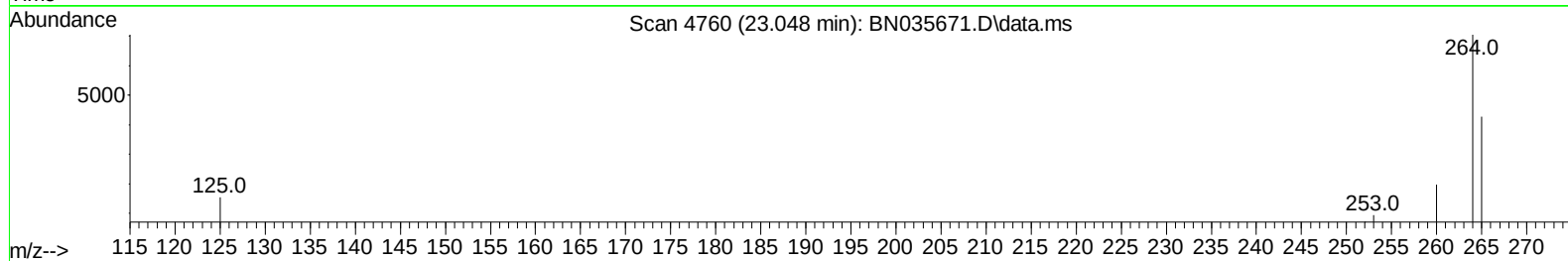
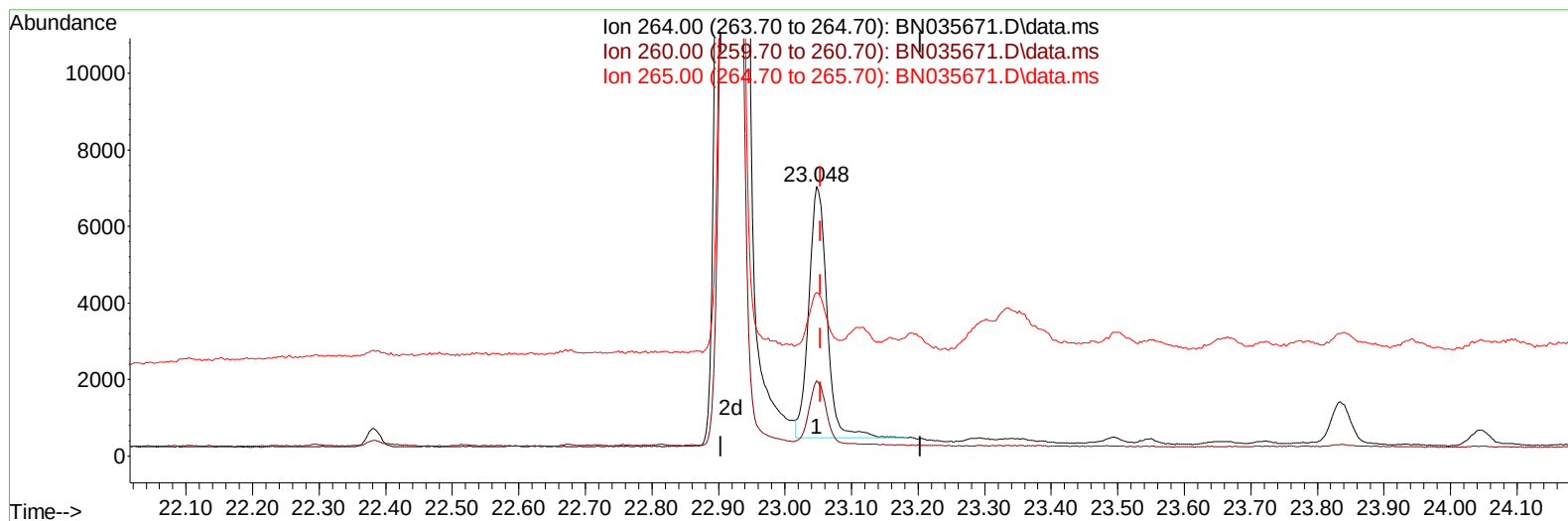
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035671.D
Acq On : 18 Dec 2024 15:40
Operator : RC/JU
Sample : P5155-20
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28W3

Manual IntegrationsAPPROVED

Quant Time: Dec 18 16:24:12 2024
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TIC: BN035671.D\data.ms

(23) Perylene-d12 (I)

23.048min (-0.006) 0.40 ng/u1

response 12410

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	27.40	27.97
265.00	62.10	60.82
0.00	0.00	0.00

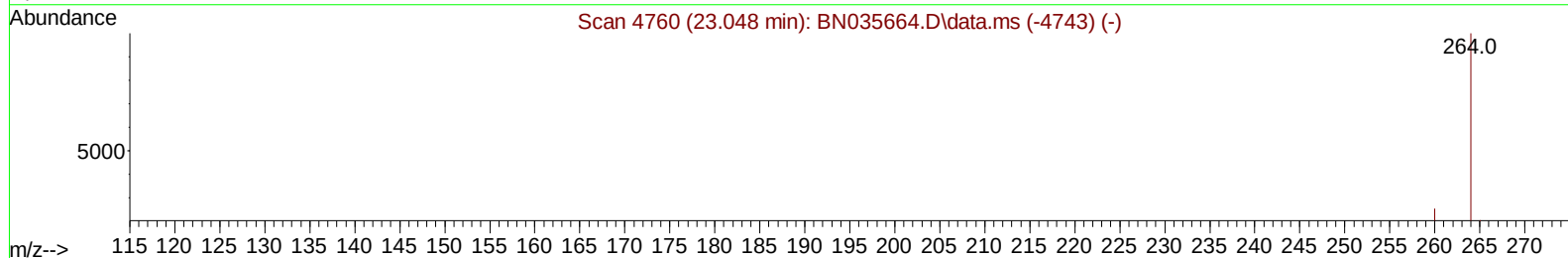
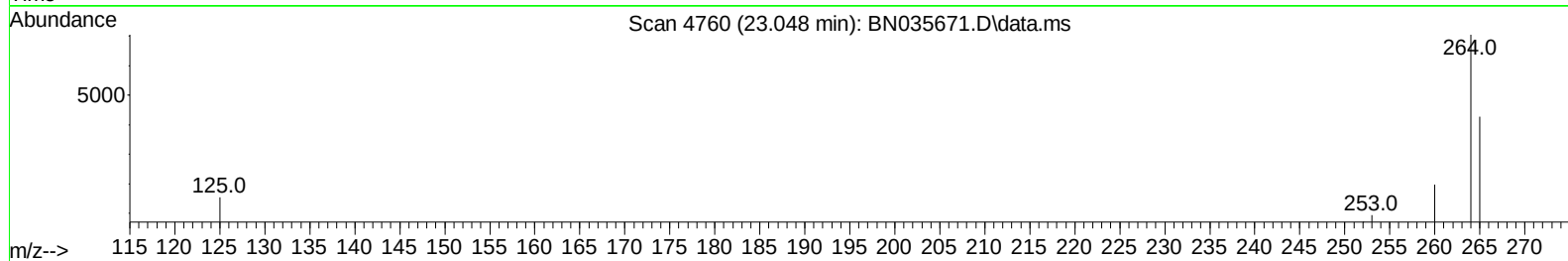
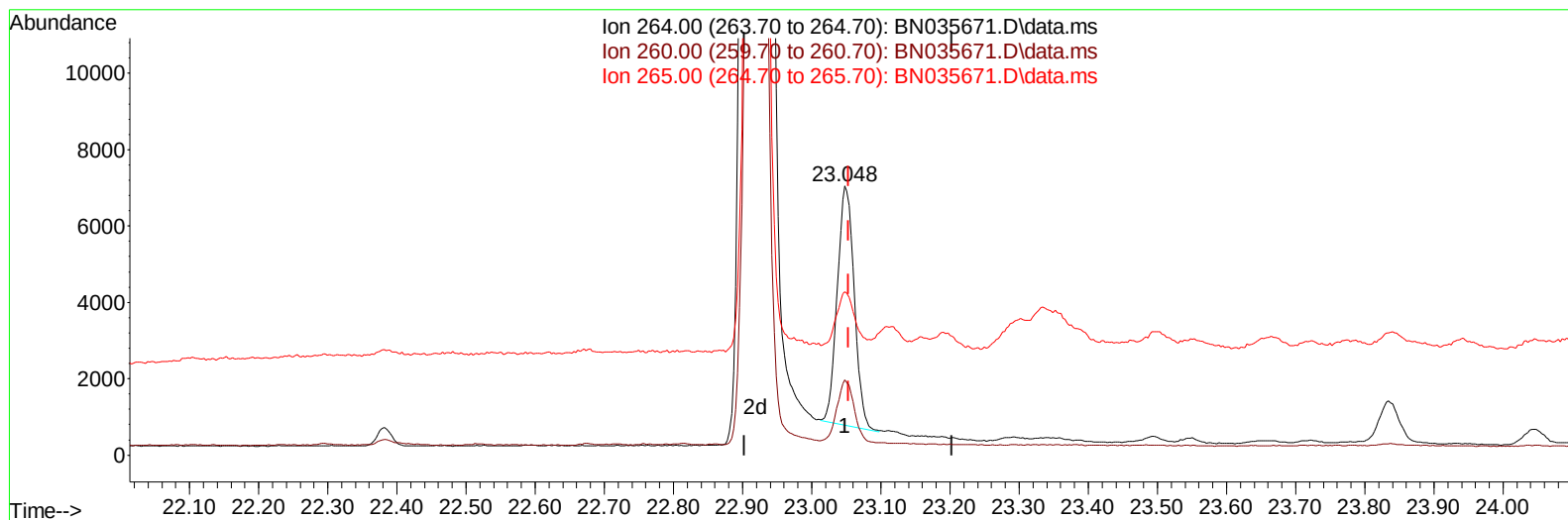
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035671.D
Acq On : 18 Dec 2024 15:40
Operator : RC/JU
Sample : P5155-20
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28W3

Manual IntegrationsAPPROVED

Quant Time: Dec 18 16:24:12 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: BN035671.D\data.ms

(23) Perylene-d12 (I)

23.048min (-0.006) 0.40 ng/ul m

response 10647

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	27.40	27.97
265.00	62.10	60.82
0.00	0.00	0.00

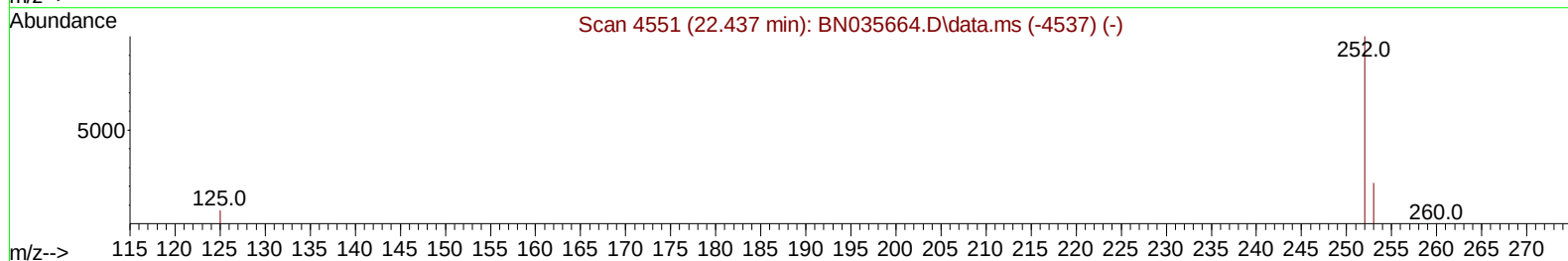
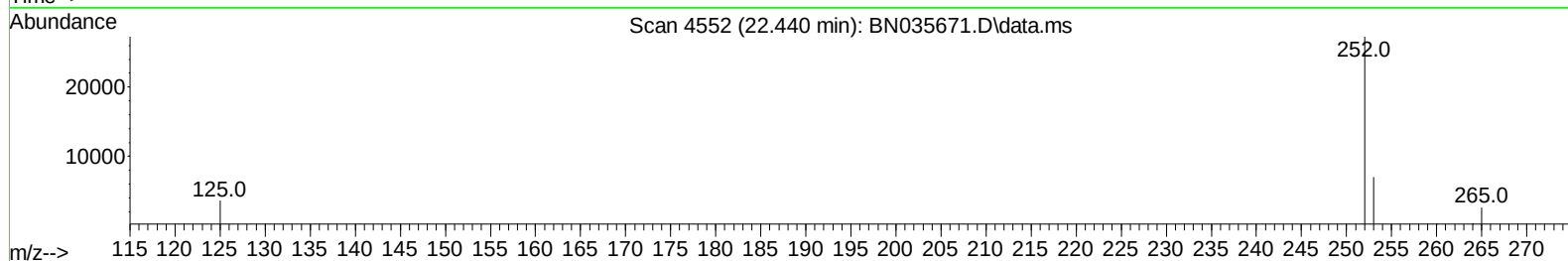
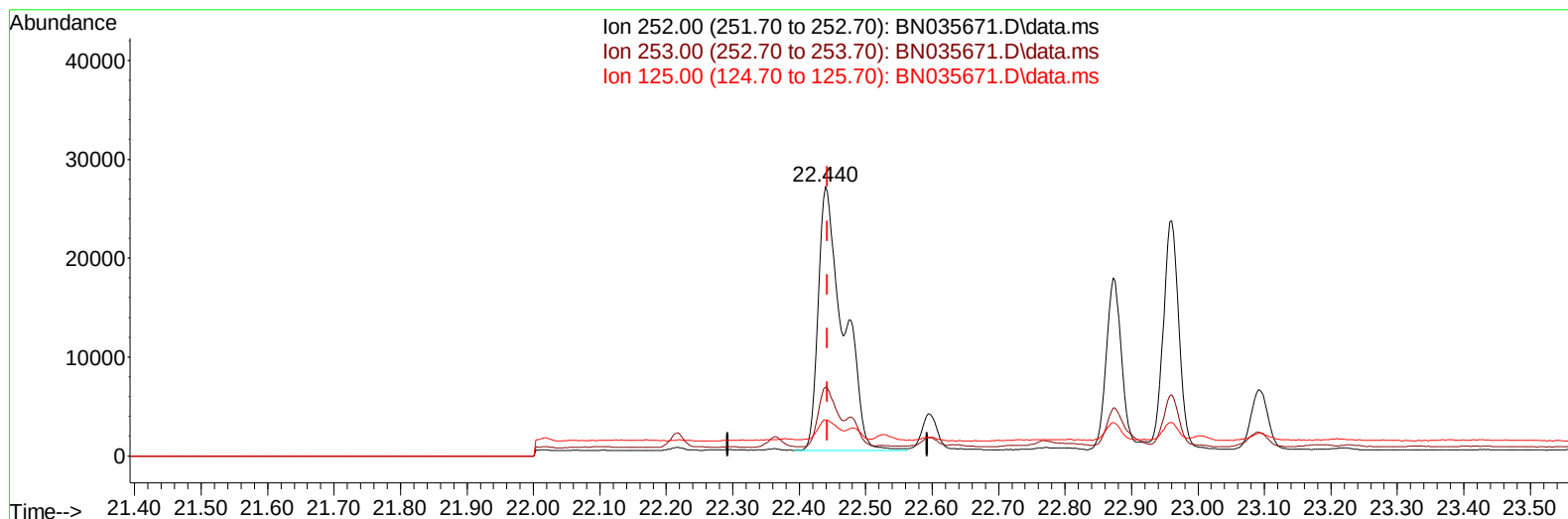
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035671.D
Acq On : 18 Dec 2024 15:40
Operator : RC/JU
Sample : P5155-20
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28W3

Manual IntegrationsAPPROVED

Quant Time: Dec 18 16:24:12 2024
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TIC: BN035671.D\data.ms

(24) Benzo(b)fluoranthene

22.440min (-0.003) 2.23 ng/u1

response 69892

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.20	25.63
125.00	18.80	13.30
0.00	0.00	0.00

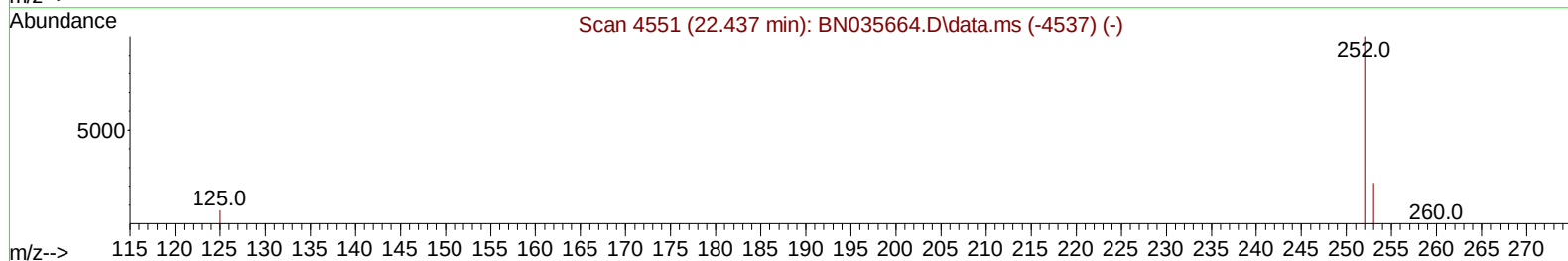
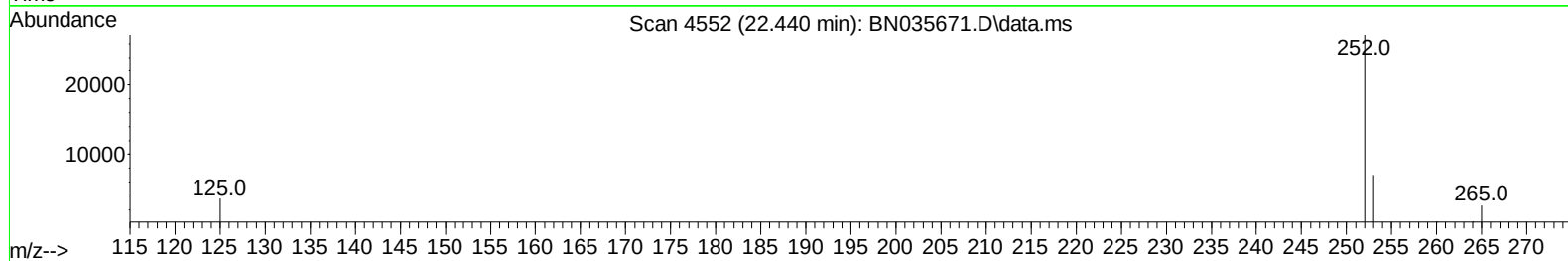
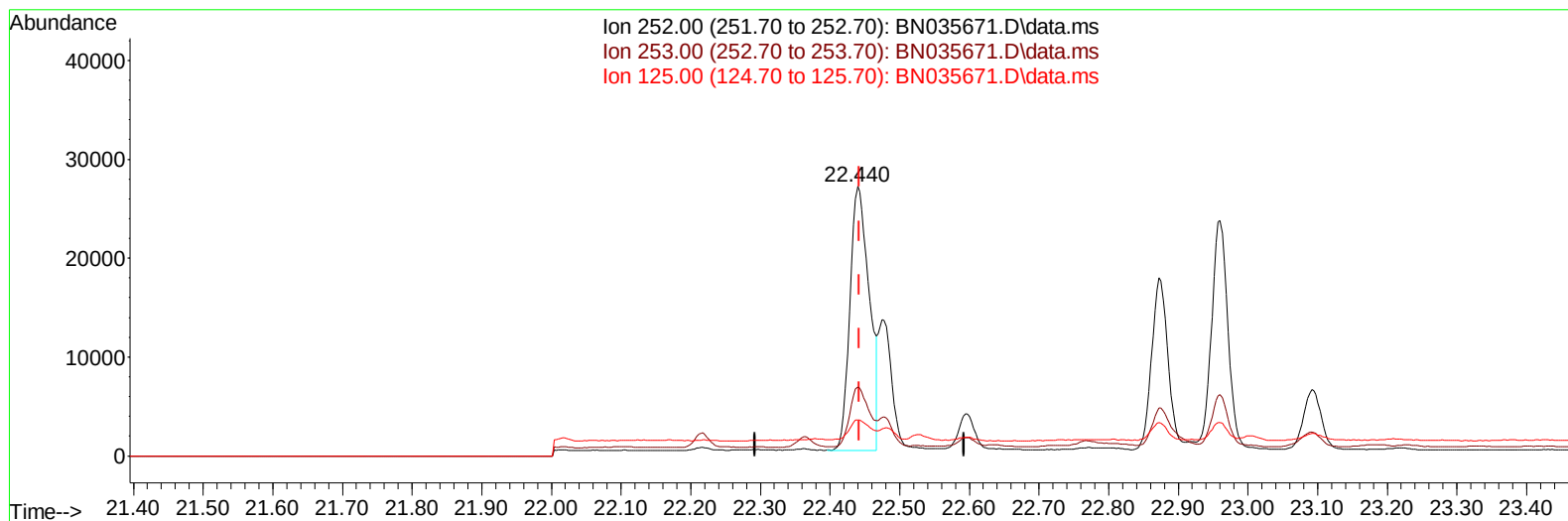
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035671.D
Acq On : 18 Dec 2024 15:40
Operator : RC/JU
Sample : P5155-20
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28W3

Manual IntegrationsAPPROVED

Quant Time: Dec 18 16:24:12 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: BN035671.D\data.ms

(24) Benzo(b)fluoranthene

22.440min (-0.003) 1.63 ng/u1 m

response 51168

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.20	25.63
125.00	18.80	13.30
0.00	0.00	0.00

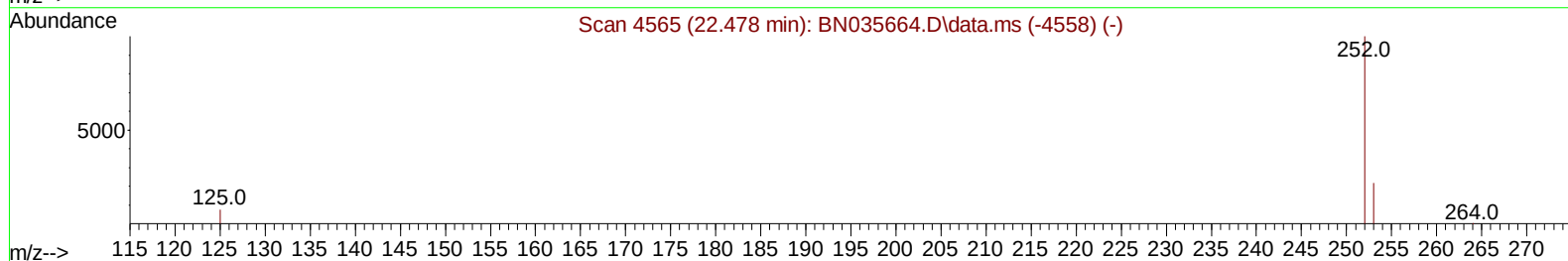
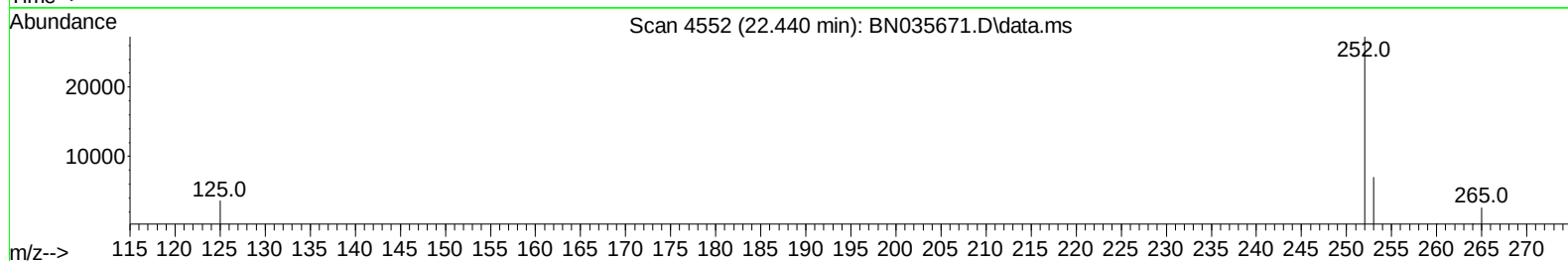
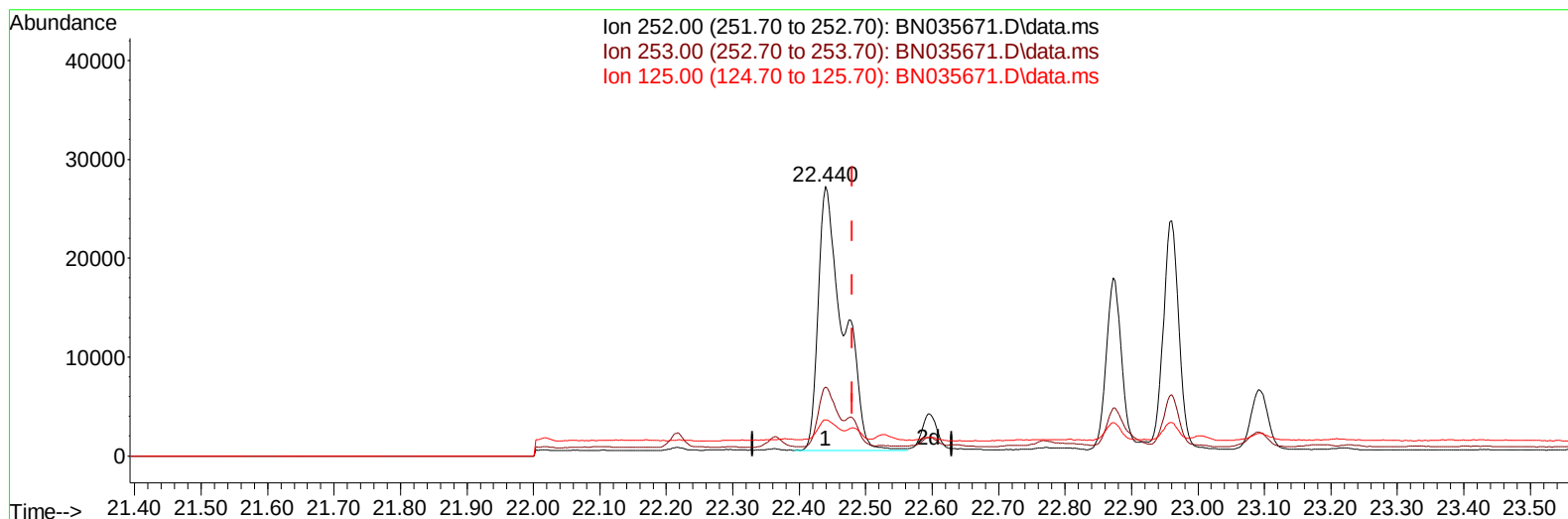
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035671.D
Acq On : 18 Dec 2024 15:40
Operator : RC/JU
Sample : P5155-20
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28W3

Manual IntegrationsAPPROVED

Quant Time: Dec 18 16:24:12 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: BN035671.D\data.ms

(25) Benzo(k)fluoranthene

22.440min (-0.041) 2.01 ng/u1

response 69892

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.60	25.63
125.00	19.10	13.30#
0.00	0.00	0.00

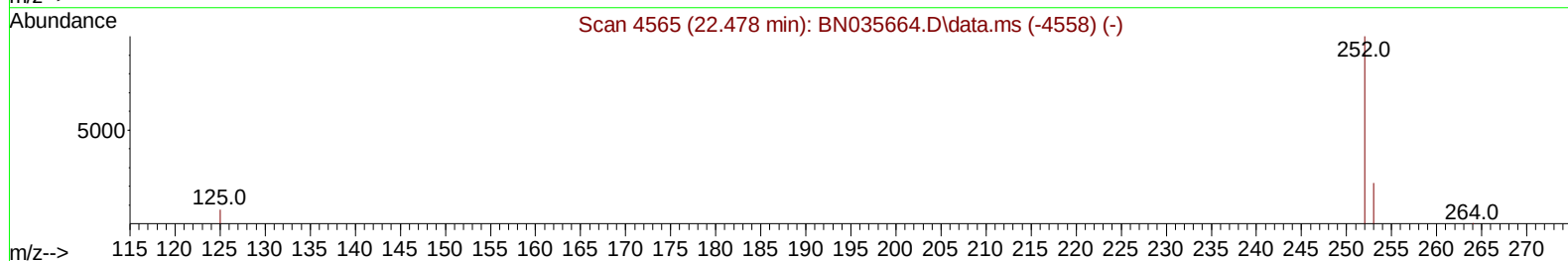
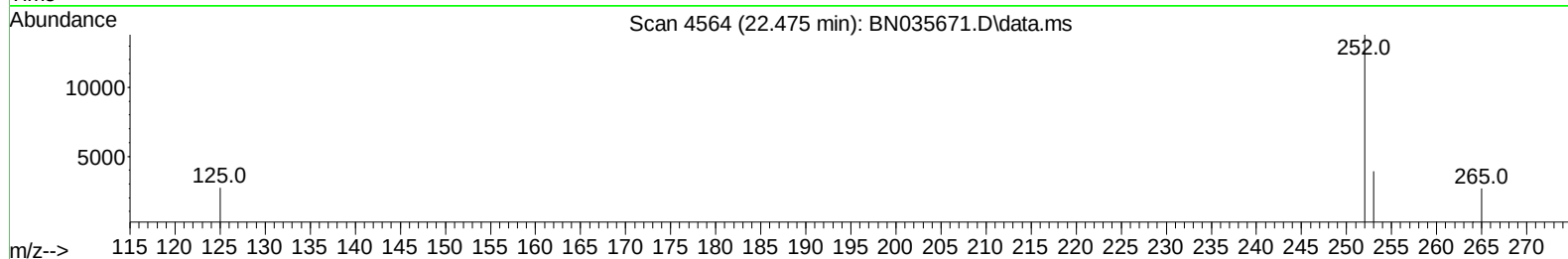
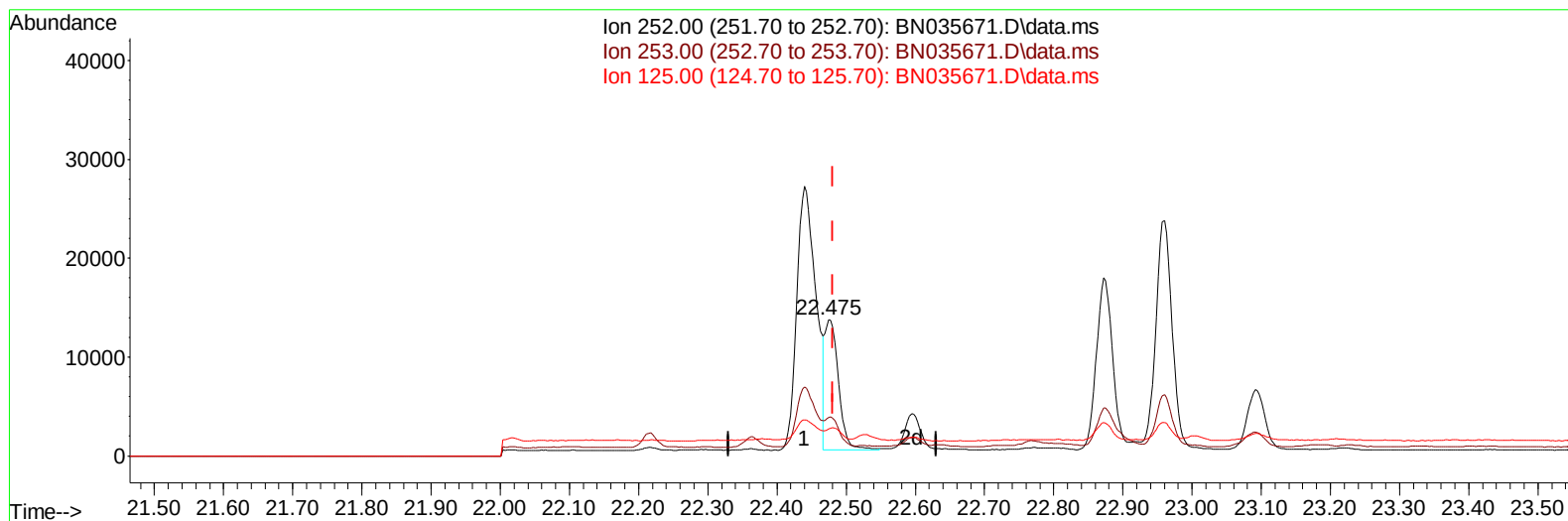
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035671.D
Acq On : 18 Dec 2024 15:40
Operator : RC/JU
Sample : P5155-20
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28W3

Manual IntegrationsAPPROVED

Quant Time: Dec 18 16:24:12 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: BN035671.D\data.ms

(25) Benzo(k)fluoranthene

22.475min (-0.006) 0.53 ng/ul m

response 18432

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.60	28.36
125.00	19.10	19.79
0.00	0.00	0.00

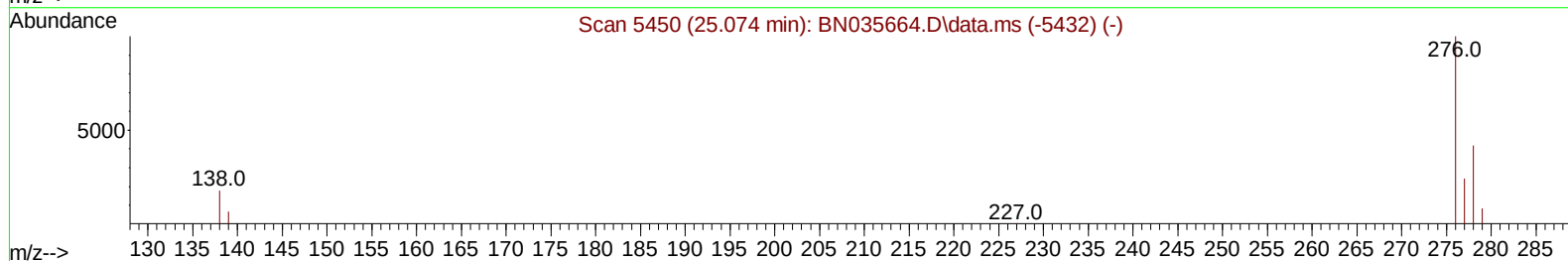
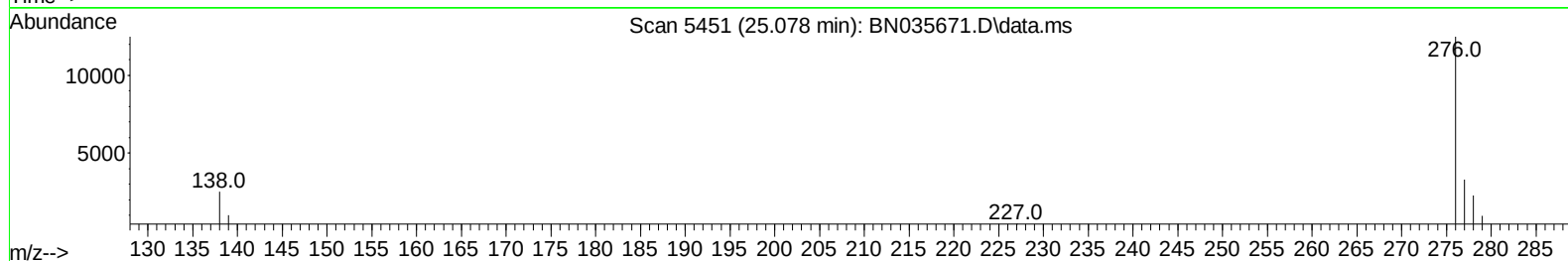
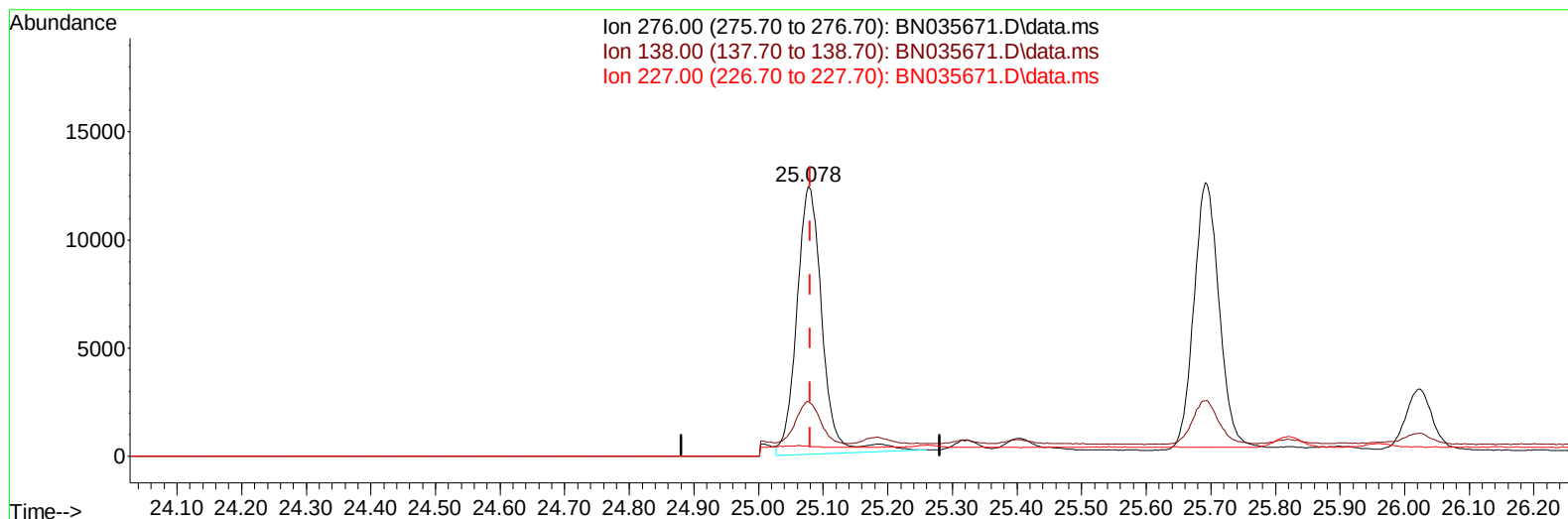
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035671.D
Acq On : 18 Dec 2024 15:40
Operator : RC/JU
Sample : P5155-20
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28W3

Manual IntegrationsAPPROVED

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TIC: BN035671.D\data.ms

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

25.078min (-0.003) 0.92 ng/u1

response 34044

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	18.40	26.69#
227.00	27.00	0.00#
0.00	0.00	0.00

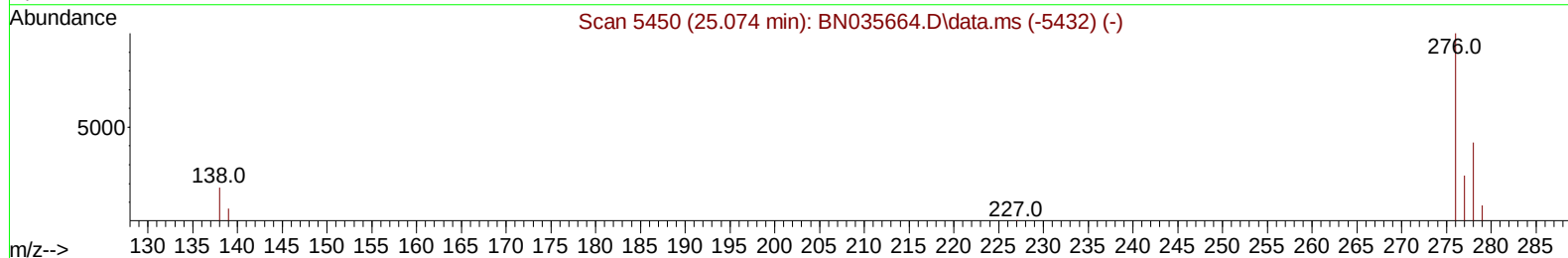
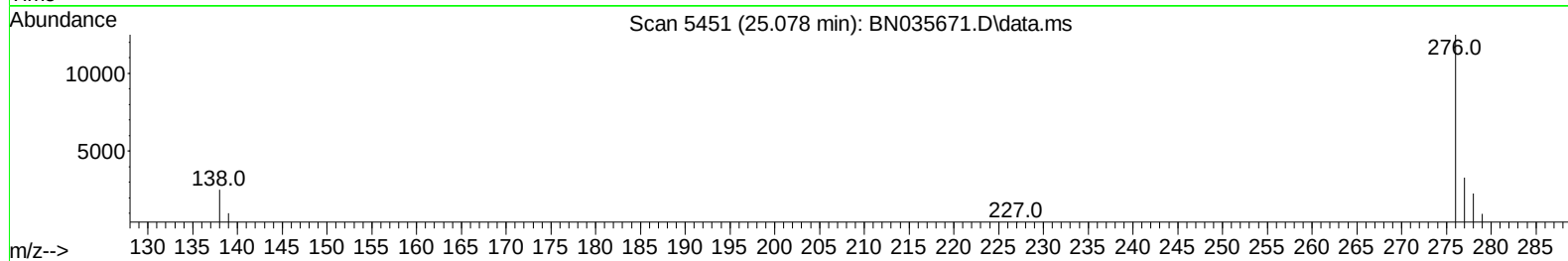
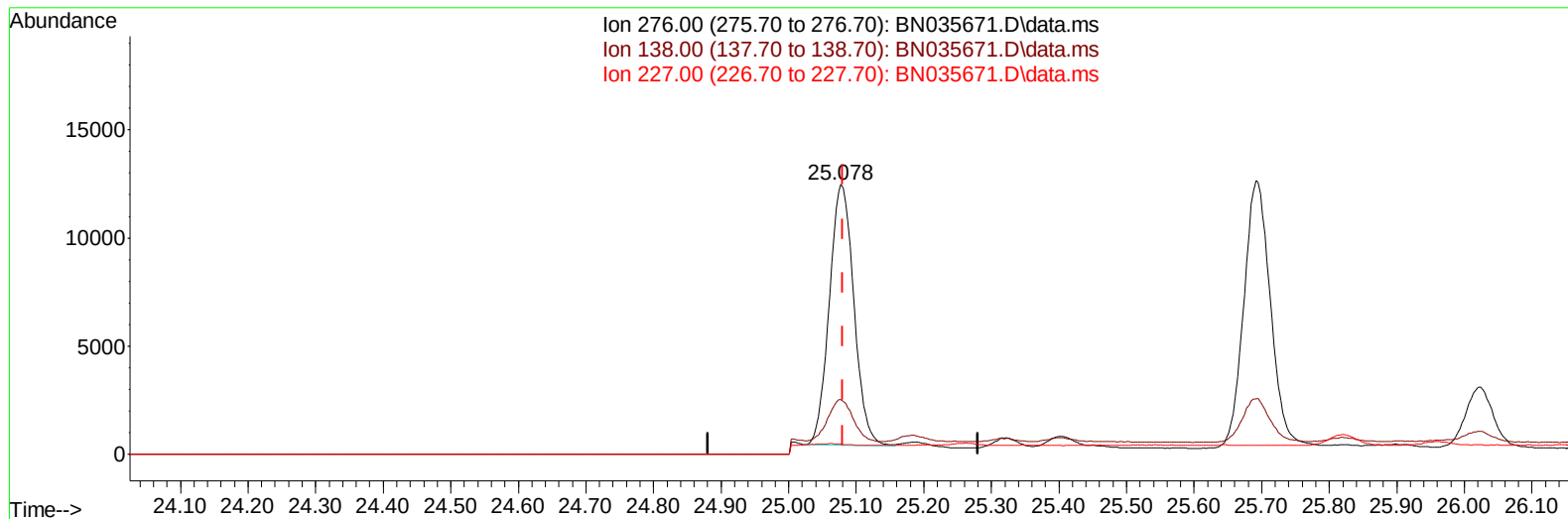
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035671.D
Acq On : 18 Dec 2024 15:40
Operator : RC/JU
Sample : P5155-20
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28W3

Manual IntegrationsAPPROVED

Quant Time: Dec 18 16:24:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN121624.M
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QLast Update : Mon Dec 16 16:26:08 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/21/2024
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TIC: BN035671.D\data.ms

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

25.078min (-0.003) 0.83 ng/ul m

response 30572

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	18.40	29.72#
227.00	27.00	0.00#
0.00	0.00	0.00

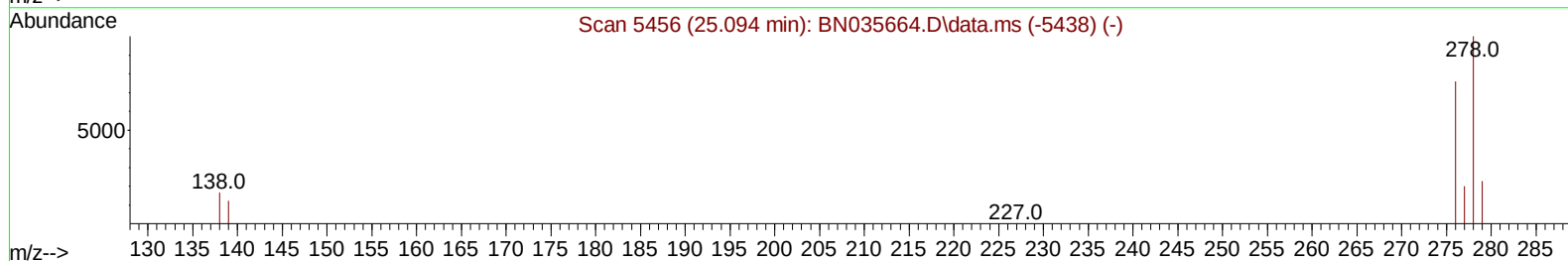
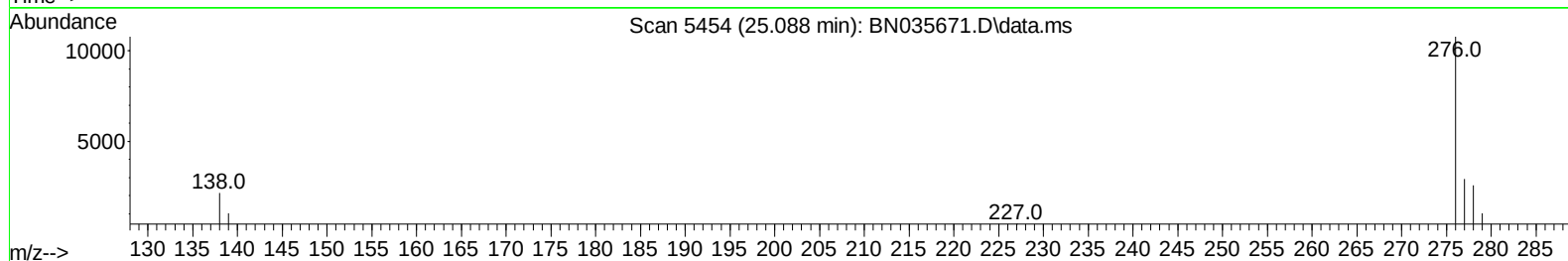
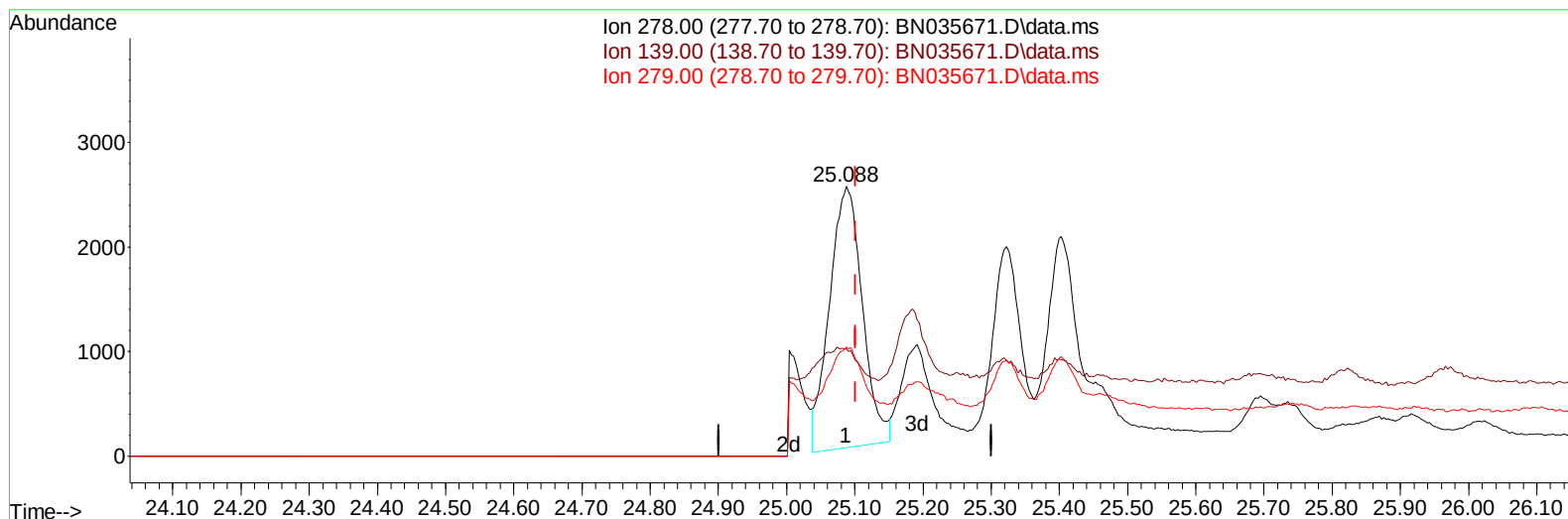
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ALS Vial : 10 Sample Multiplier: 1

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Manual IntegrationsAPPROVED

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TIC: BN035671.D\data.ms

(28) Dibenzo(a,h)anthracene

25.088min (-0.013) 0.30 ng/u1

response 8386

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	24.80	39.65#
279.00	30.00	40.35#
0.00	0.00	0.00

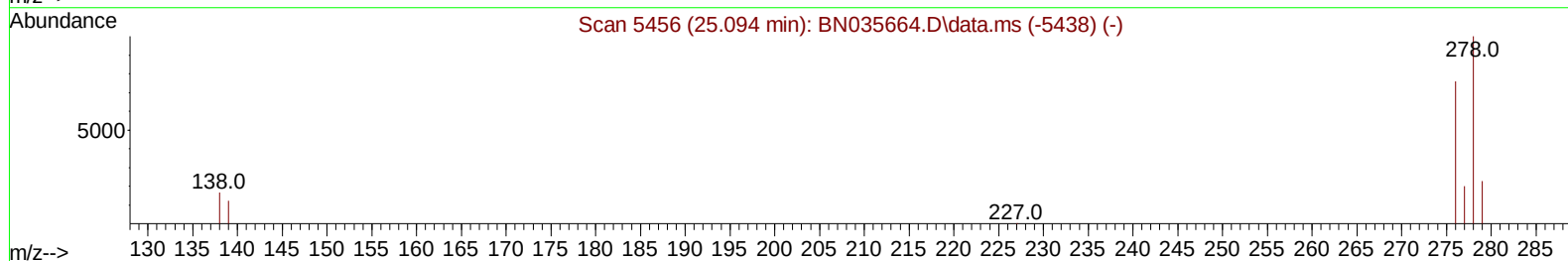
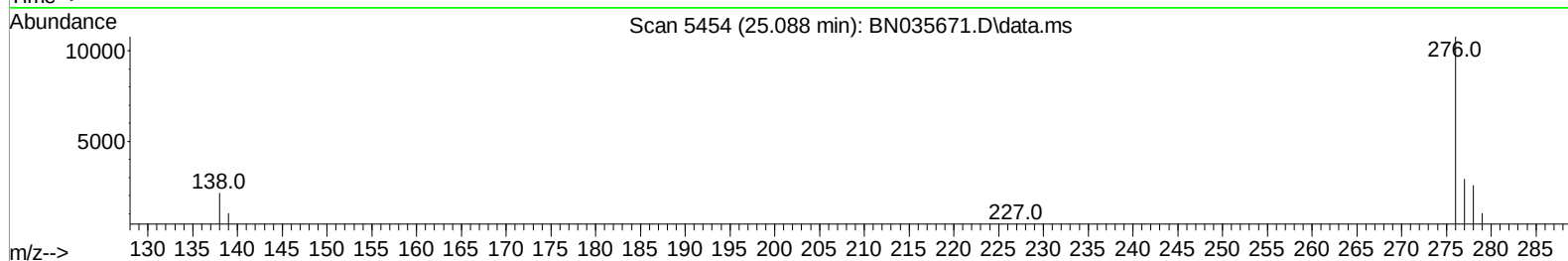
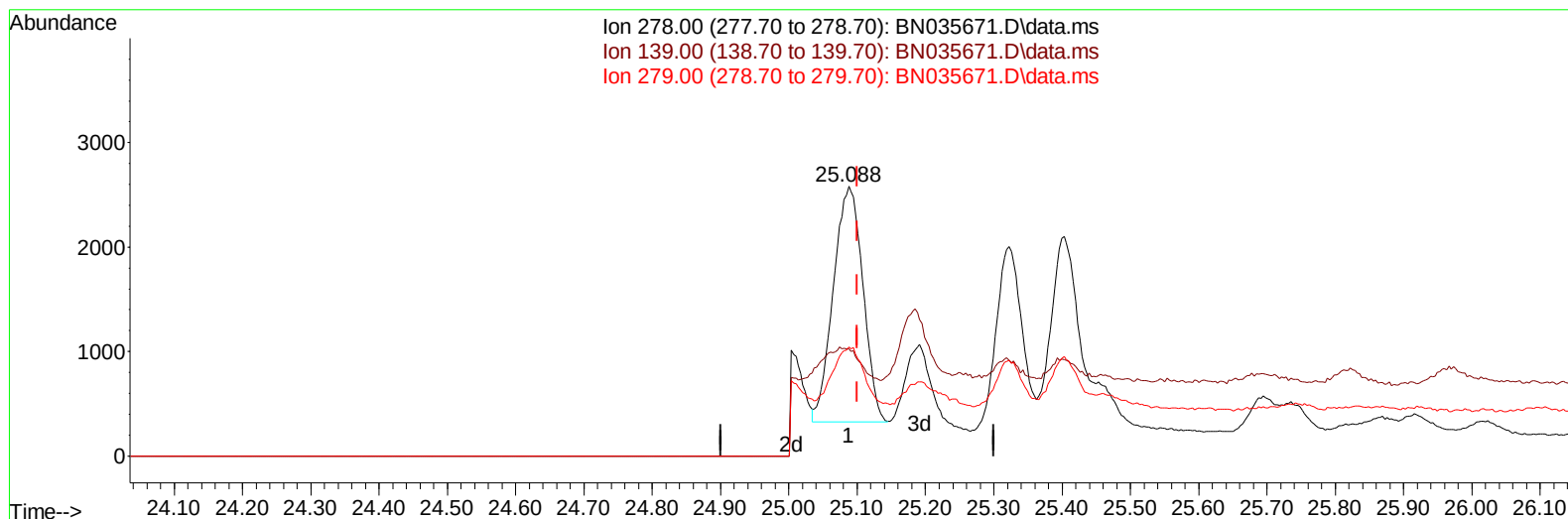
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
 Data File : BN035671.D
 Acq On : 18 Dec 2024 15:40
 Operator : RC/JU
 Sample : P5155-20
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28W3

Manual IntegrationsAPPROVED

Quant Time: Dec 18 16:24:12 2024
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 Response via : Initial Calibration

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



TIC: BN035671.D\data.ms

(28) Dibenzo(a,h)anthracene

25.088min (-0.013) 0.24 ng/ul m

response 6762

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	24.80	39.65#
279.00	30.00	40.35#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
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 Operator : RC/JU
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 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28W3

Manual IntegrationsAPPROVED

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.280	152	2981	0.400	ng/ul	0.00
4) Naphthalene-d8	10.025	136	8599	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.944	164	5920	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.713	188	12410	0.400	ng/ul	0.00
17) Chrysene-d12	20.961	240	10527	0.400	ng/ul	# 0.00
23) Perylene-d12	23.048	264	10647m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.951	96	8793	3.327	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.631	152	2383	0.195	ng/ul	0.00
18) Fluoranthene-d10	18.768	212	4833	0.157	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.075	128	8099m	0.384	ng/ul	
7) 2-Methylnaphthalene	11.703	142	2674	0.188	ng/ul	100
8) 1-Methylnaphthalene	11.934	142	1397	0.095	ng/ul	100
10) Acenaphthylene	13.657	152	1967	0.086	ng/ul#	87
11) Acenaphthene	14.004	153	598	0.034	ng/ul	94
12) Fluorene	15.008	166	1225	0.061	ng/ul#	91
15) Phenanthrene	16.755	178	18961	0.610	ng/ul	99
16) Anthracene	16.844	178	3866	0.133	ng/ul#	93
19) Fluoranthene	18.795	202	36072	0.958	ng/ul	99
20) Pyrene	19.167	202	36978	0.892	ng/ul	98
21) Benzo(a)anthracene	20.947	228	24723	0.708	ng/ul	96
22) Chrysene	20.996	228	30240	0.835	ng/ul	97
24) Benzo(b)fluoranthene	22.440	252	51168m	1.631	ng/ul	
25) Benzo(k)fluoranthene	22.475	252	18432m	0.531	ng/ul	
26) Benzo(a)pyrene	22.960	252	38026	1.251	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	25.078	276	30572m	0.826	ng/ul	
28) Dibenzo(a,h)anthracene	25.088	278	6762m	0.239	ng/ul	
29) Benzo(g,h,i)perylene	25.691	276	35309	1.189	ng/ul	95

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035671.D
Acq On : 18 Dec 2024 15:40
Operator : RC/JU
Sample : P5155-20
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28W3

Manual IntegrationsAPPROVED

Quant Time: Dec 18 16:24:12 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

