

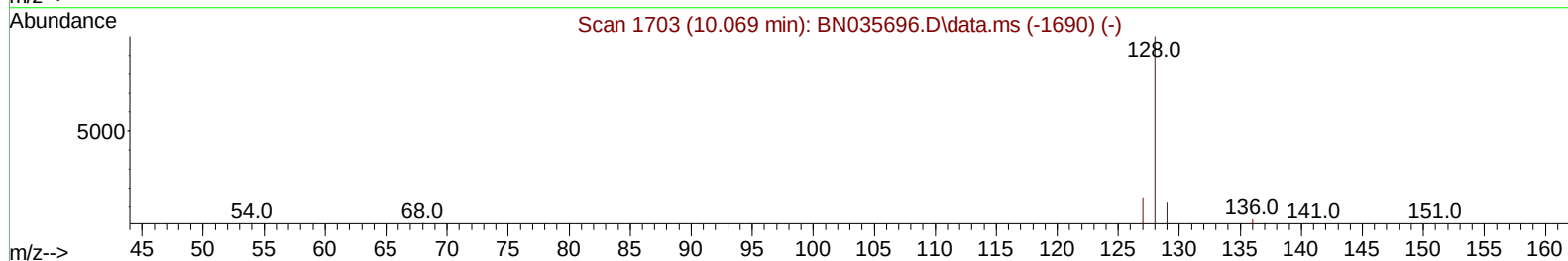
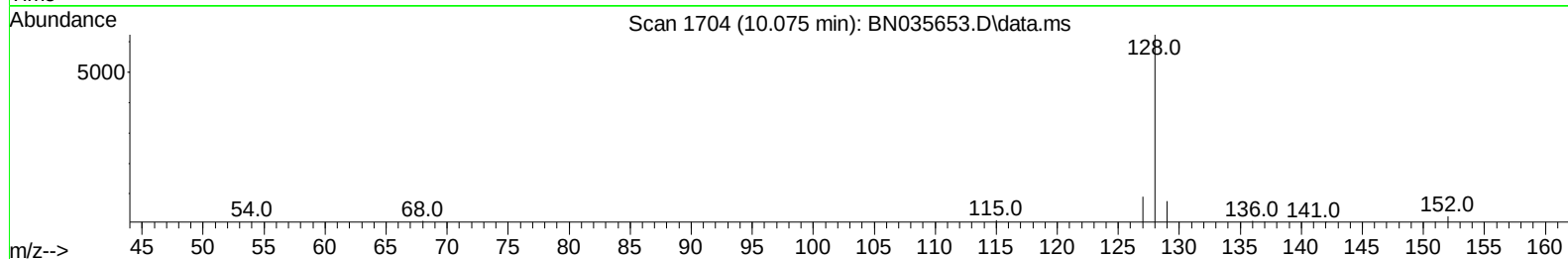
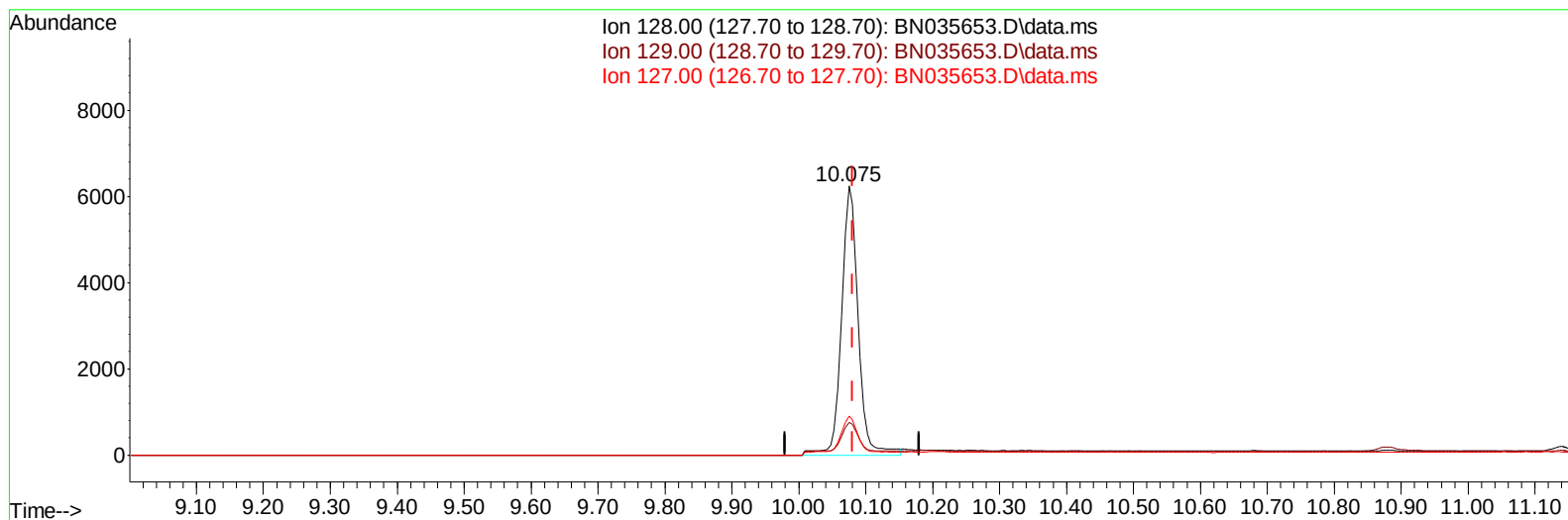
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
Data File : BN035653.D
Acq On : 17 Dec 2024 14:12
Operator : RC/JU
Sample : P5153-21DL 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28R4DL

Manual IntegrationsAPPROVED

Quant Time: Dec 21 04:25:05 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 12/21/2024



TIC: BN035653.D\data.ms

(5) Naphthalene

10.075min (-0.005) 0.51 ng/u1

response 10663

Ion	Exp%	Act%
128.00	100.00	100.00
129.00	13.50	12.28
127.00	15.00	14.57
0.00	0.00	0.00

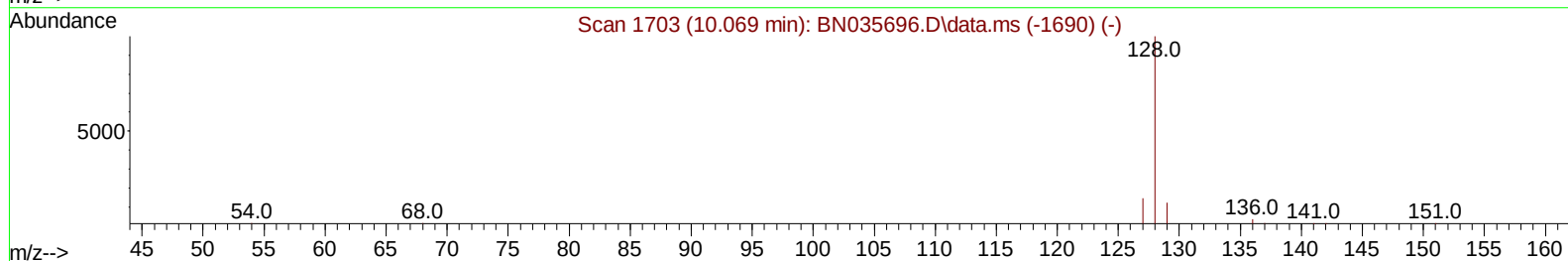
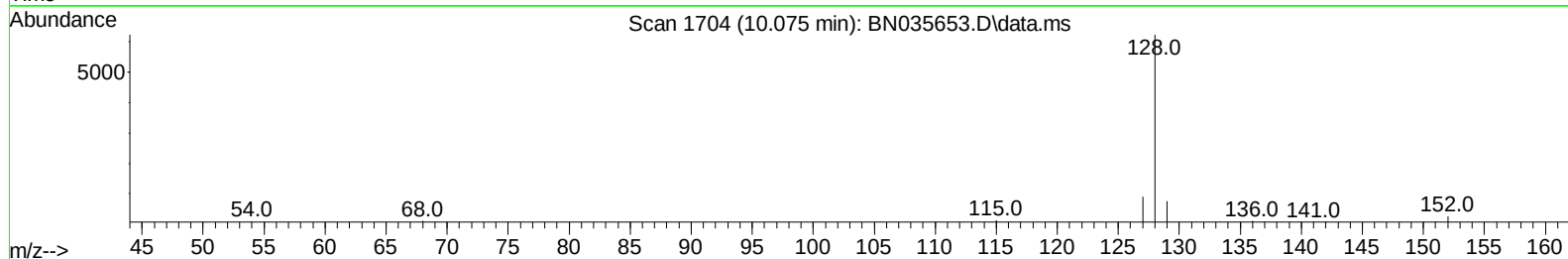
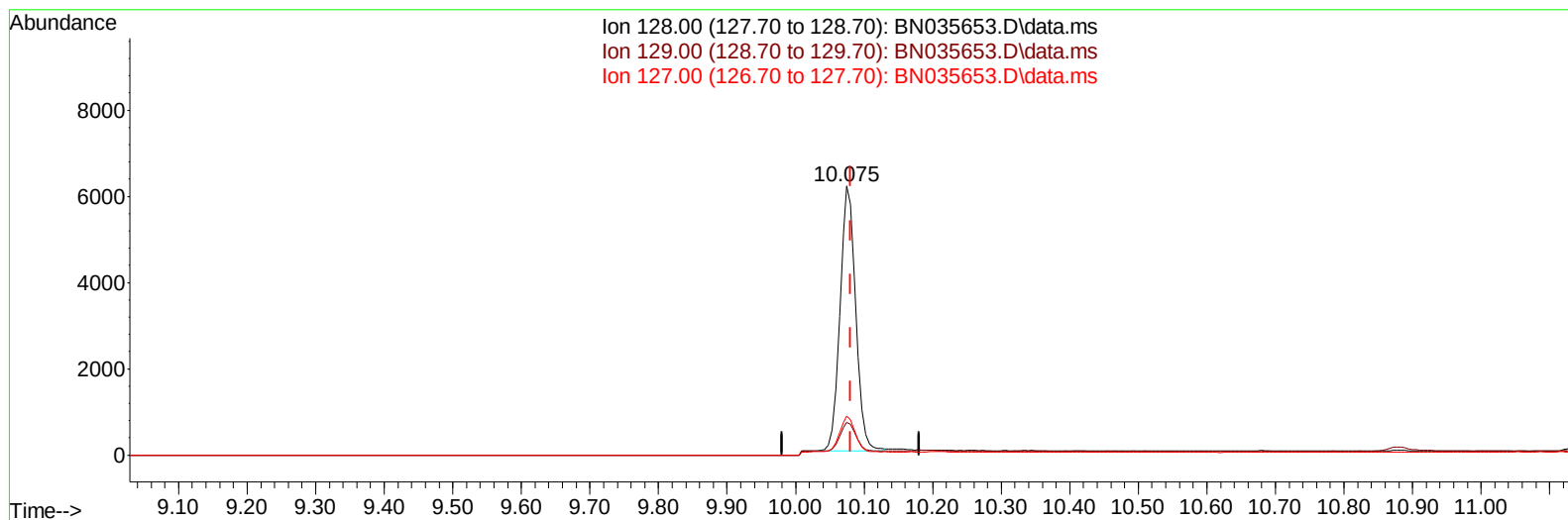
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
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Sample : P5153-21DL 5X
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ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/21/2024



TIC: BN035653.D\data.ms

(5) Naphthalene

10.075min (-0.005) 0.48 ng/ul m

response 9944

Ion	Exp%	Act%
128.00	100.00	100.00
129.00	13.50	12.28
127.00	15.00	14.57
0.00	0.00	0.00

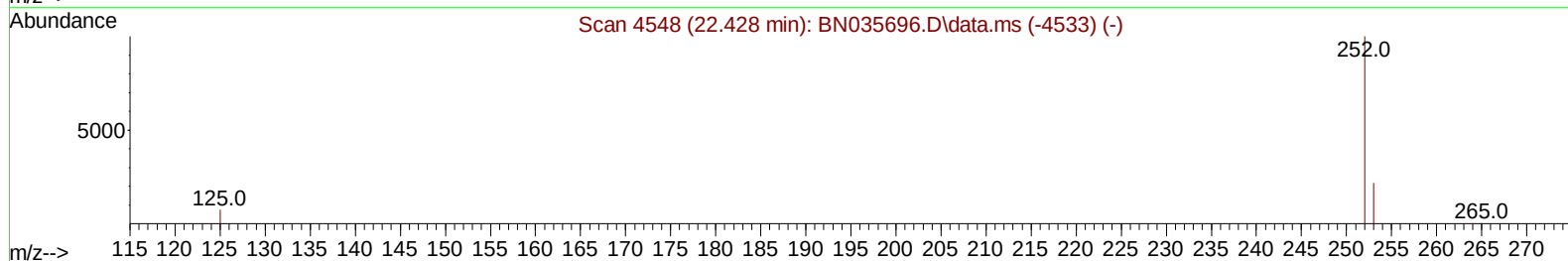
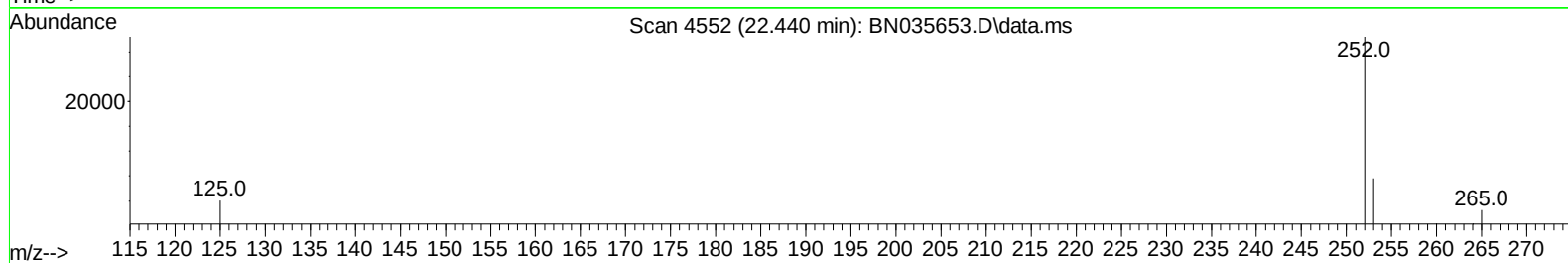
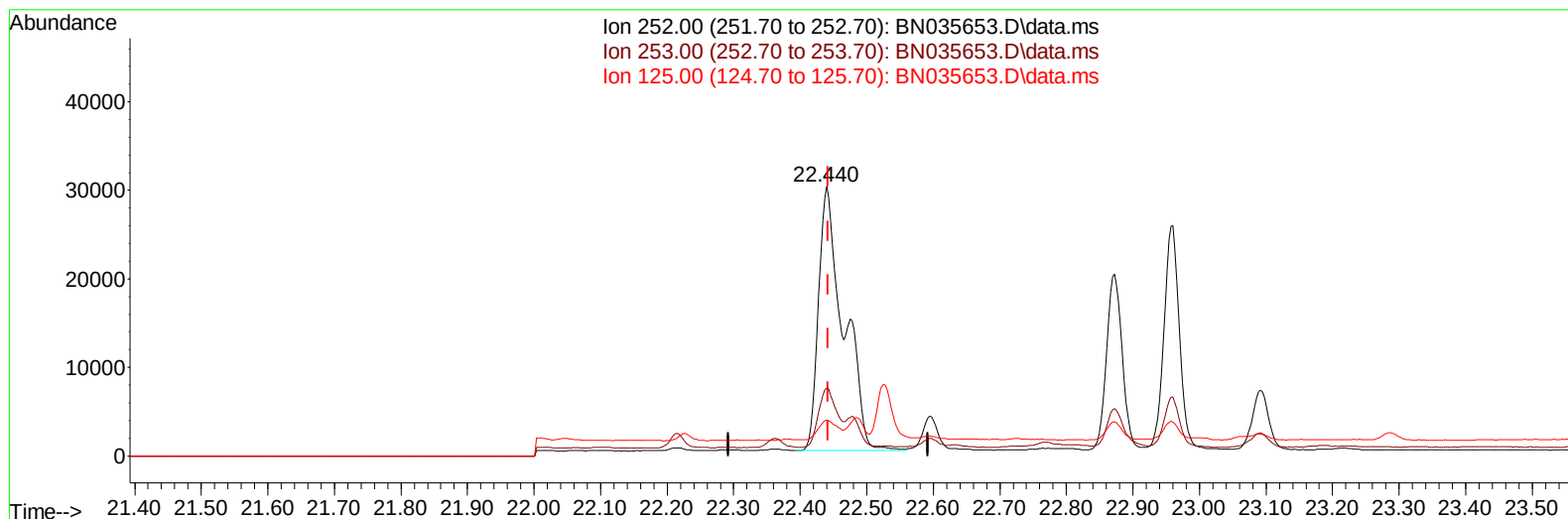
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
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Acq On : 17 Dec 2024 14:12
Operator : RC/JU
Sample : P5153-21DL 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BN035653.D\data.ms

(24) Benzo(b)fluoranthene

22.440min (-0.003) 2.40 ng/u1

response 77850

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.20	25.12
125.00	18.80	13.43
0.00	0.00	0.00

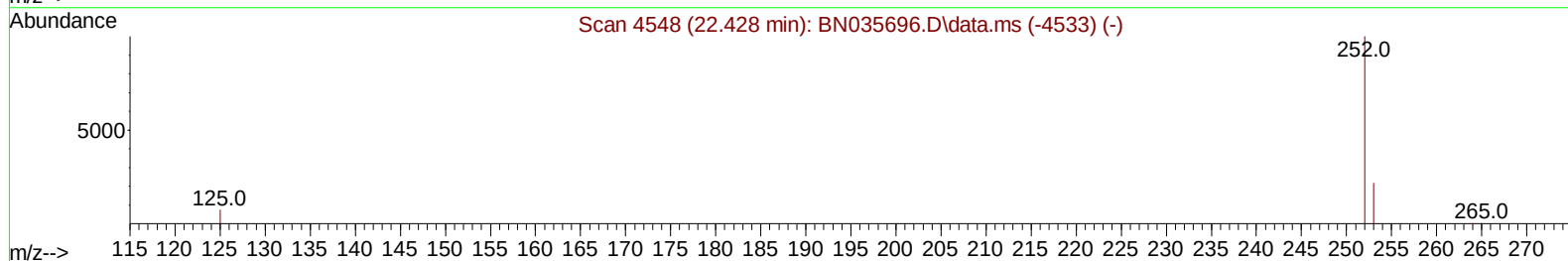
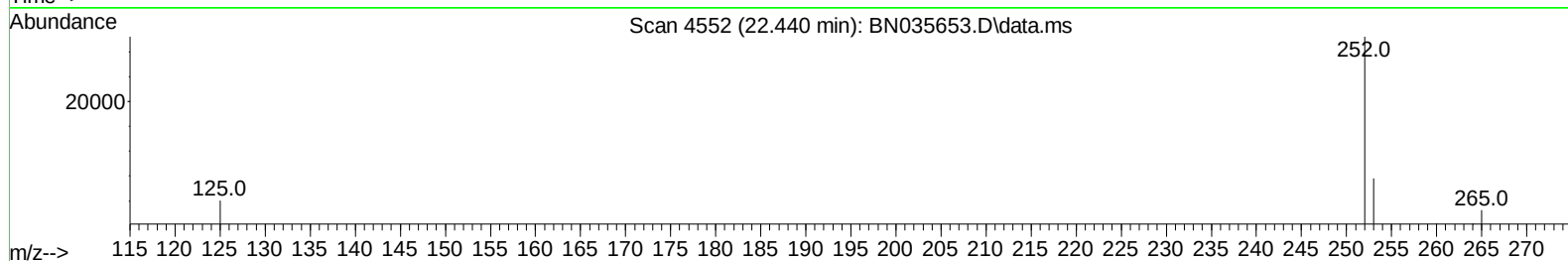
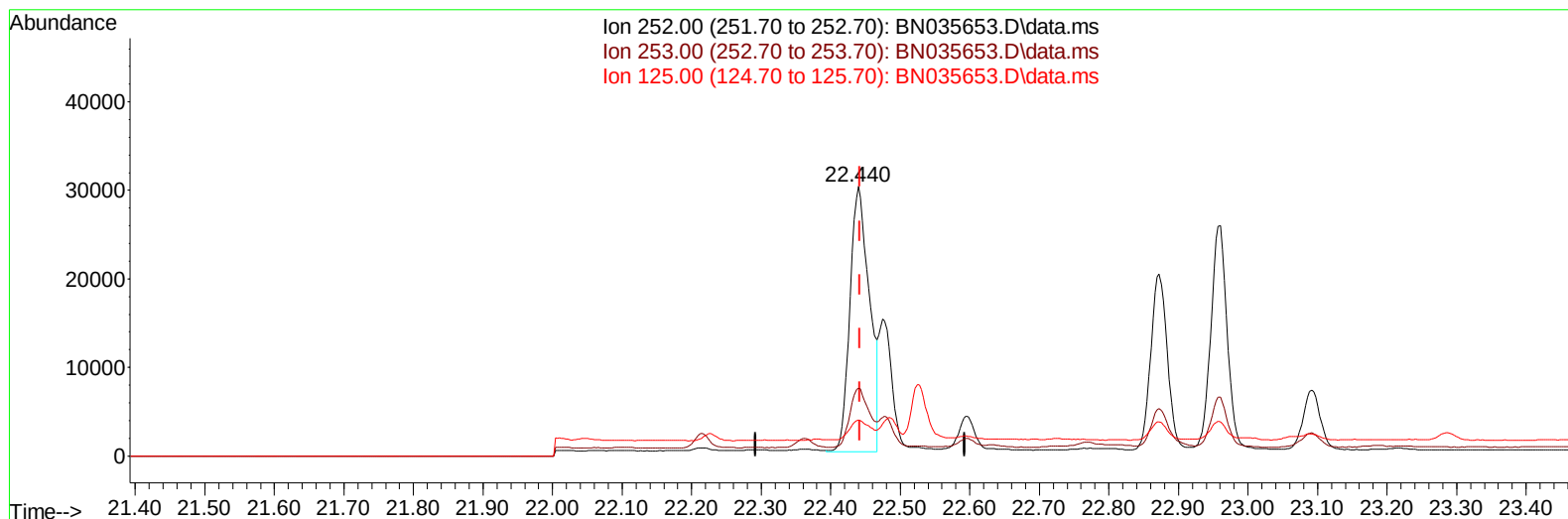
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
Data File : BN035653.D
Acq On : 17 Dec 2024 14:12
Operator : RC/JU
Sample : P5153-21DL 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28R4DL

Manual IntegrationsAPPROVED

Quant Time: Dec 21 04:25:05 2024
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QLast Update : Mon Dec 16 16:26:08 2024
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Reviewed By :Yogesh Patel 12/21/2024
Supervised By :mohammad ahmed 12/21/2024



TIC: BN035653.D\data.ms

(24) Benzo(b)fluoranthene

22.440min (-0.003) 1.79 ng/ul m

response 58010

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.20	25.12
125.00	18.80	13.43
0.00	0.00	0.00

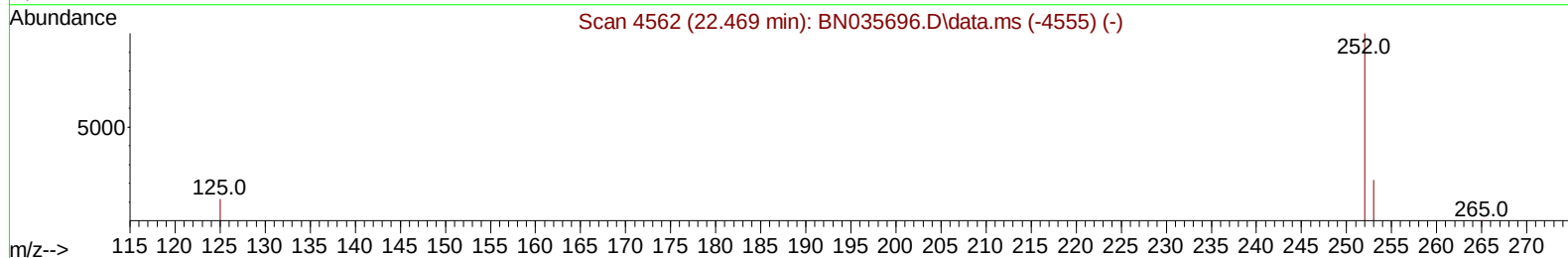
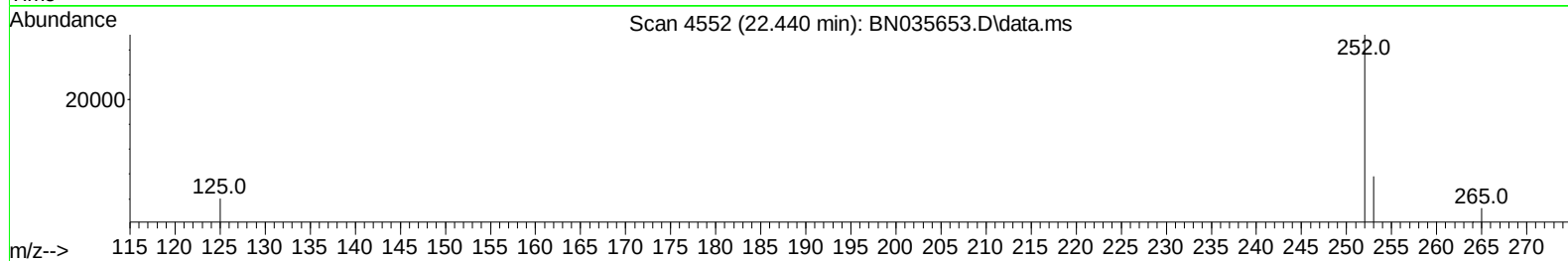
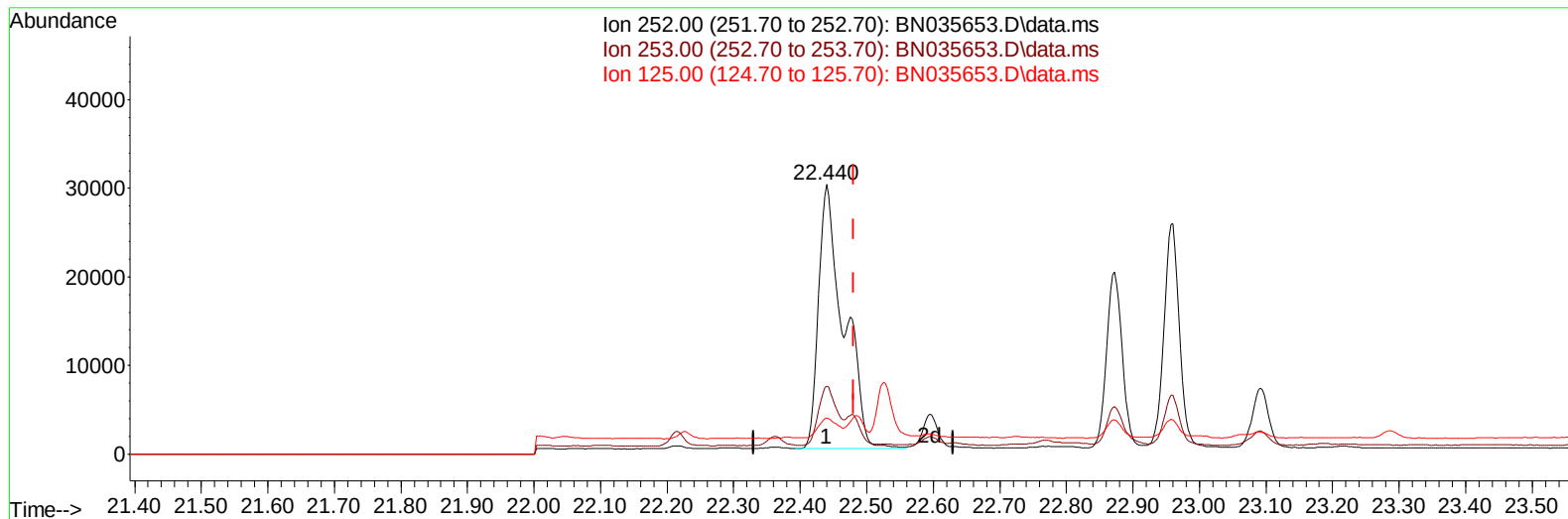
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Data File : BN035653.D
Acq On : 17 Dec 2024 14:12
Operator : RC/JU
Sample : P5153-21DL 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28R4DL

Manual IntegrationsAPPROVED

Quant Time: Dec 21 04:25:05 2024
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Supervised By :mohammad ahmed 12/21/2024



TIC: BN035653.D\data.ms

(25) Benzo(k)fluoranthene

22.440min (-0.041) 2.17 ng/u1

response 77850

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.60	25.12
125.00	19.10	13.43#
0.00	0.00	0.00

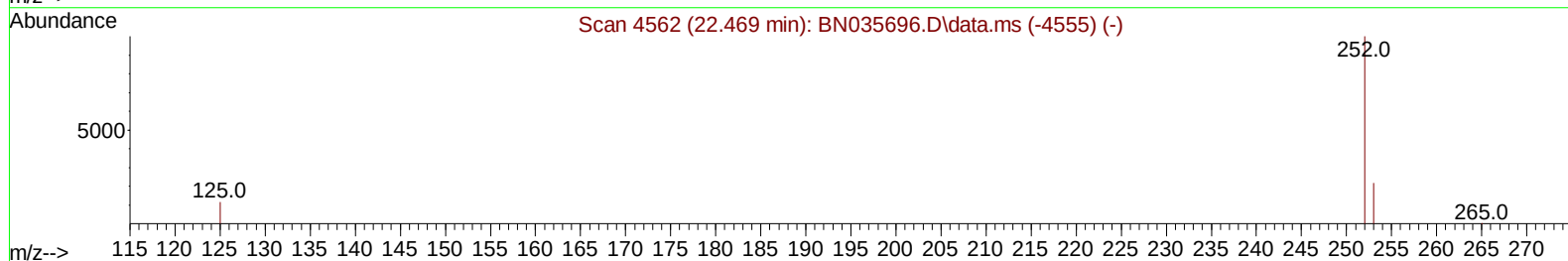
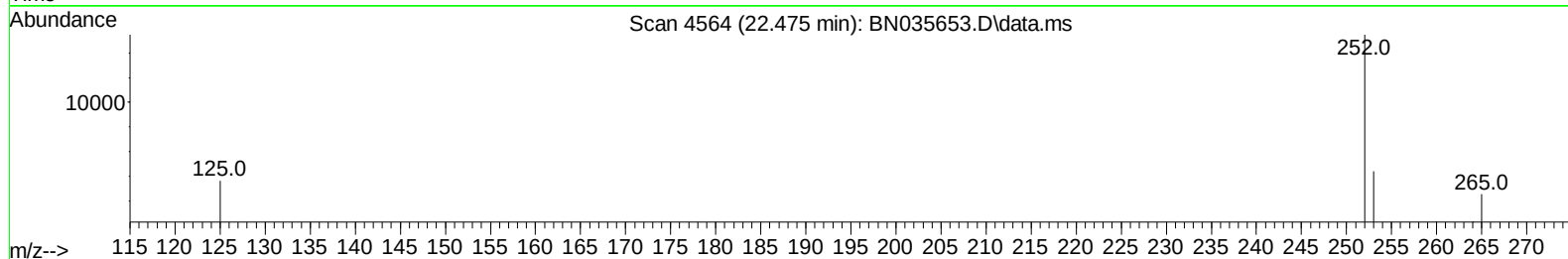
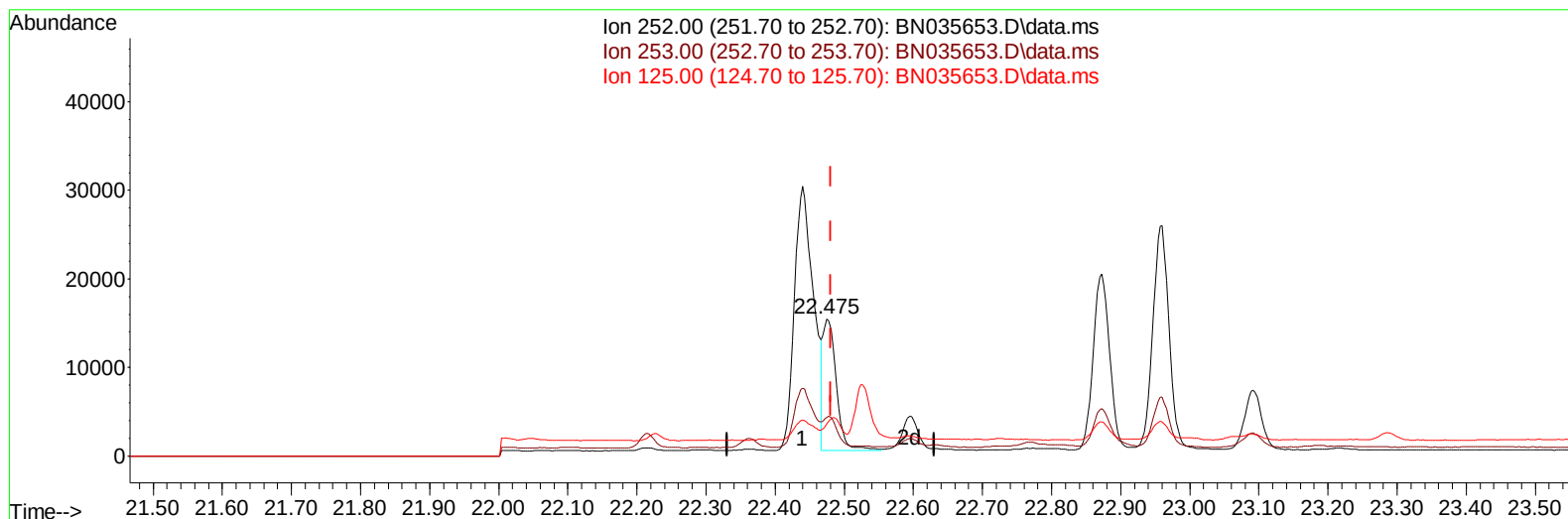
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
Data File : BN035653.D
Acq On : 17 Dec 2024 14:12
Operator : RC/JU
Sample : P5153-21DL 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28R4DL

Manual IntegrationsAPPROVED

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



TIC: BN035653.D\data.ms

(25) Benzo(k)fluoranthene

22.475min (-0.006) 0.56 ng/ul m

response 20155

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.60	28.27
125.00	19.10	23.52#
0.00	0.00	0.00

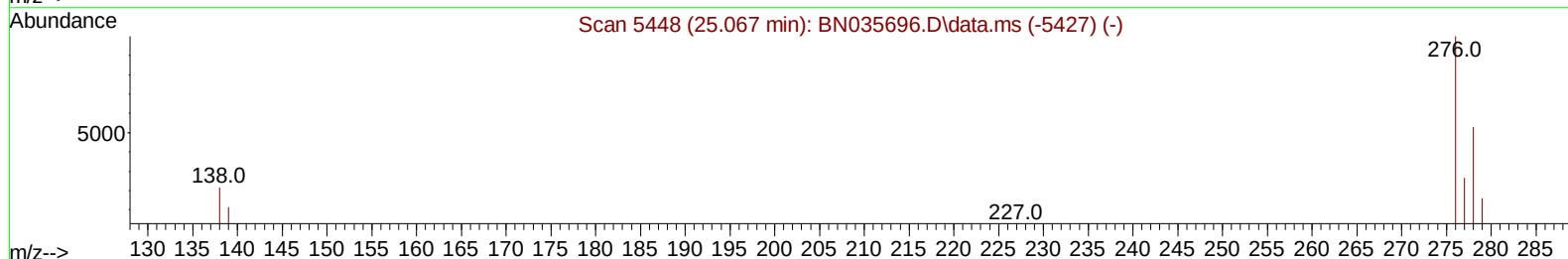
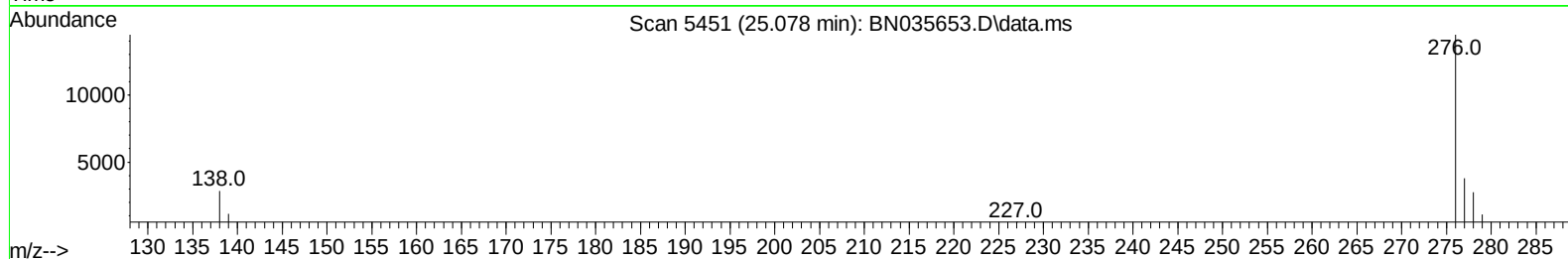
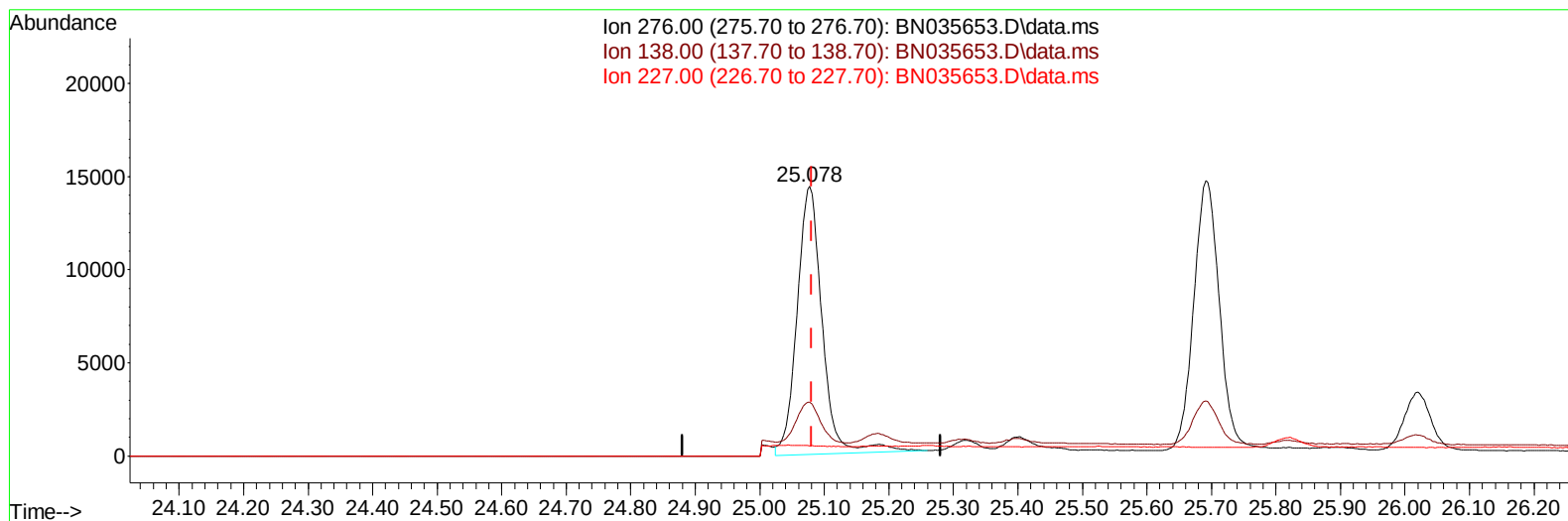
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
Data File : BN035653.D
Acq On : 17 Dec 2024 14:12
Operator : RC/JU
Sample : P5153-21DL 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28R4DL

Manual IntegrationsAPPROVED

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TIC: BN035653.D\data.ms

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

25.078min (-0.003) 1.02 ng/u1

response 38993

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	18.40	27.64#
227.00	27.00	0.00#
0.00	0.00	0.00

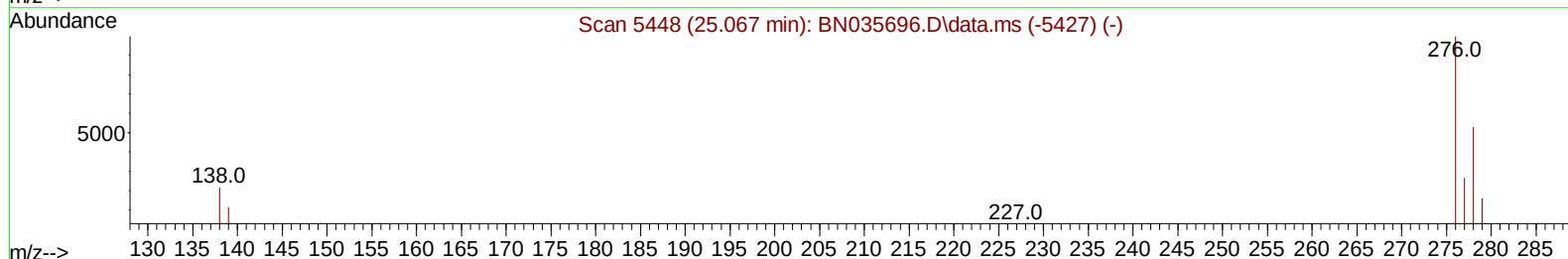
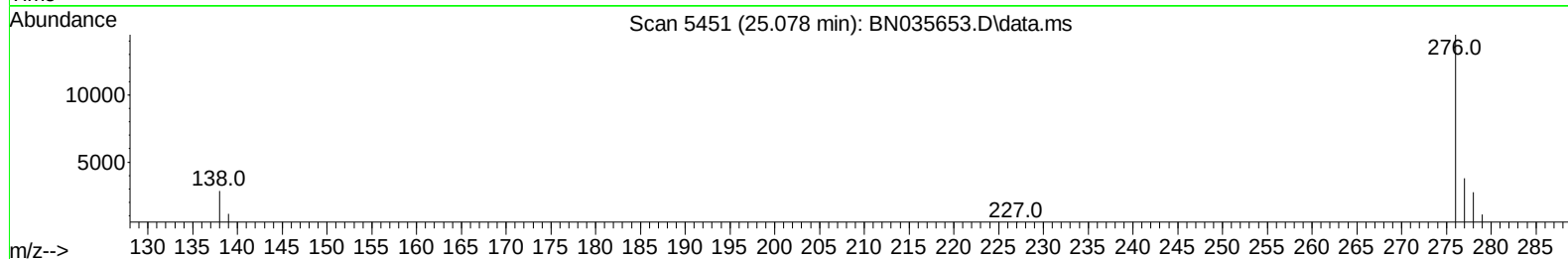
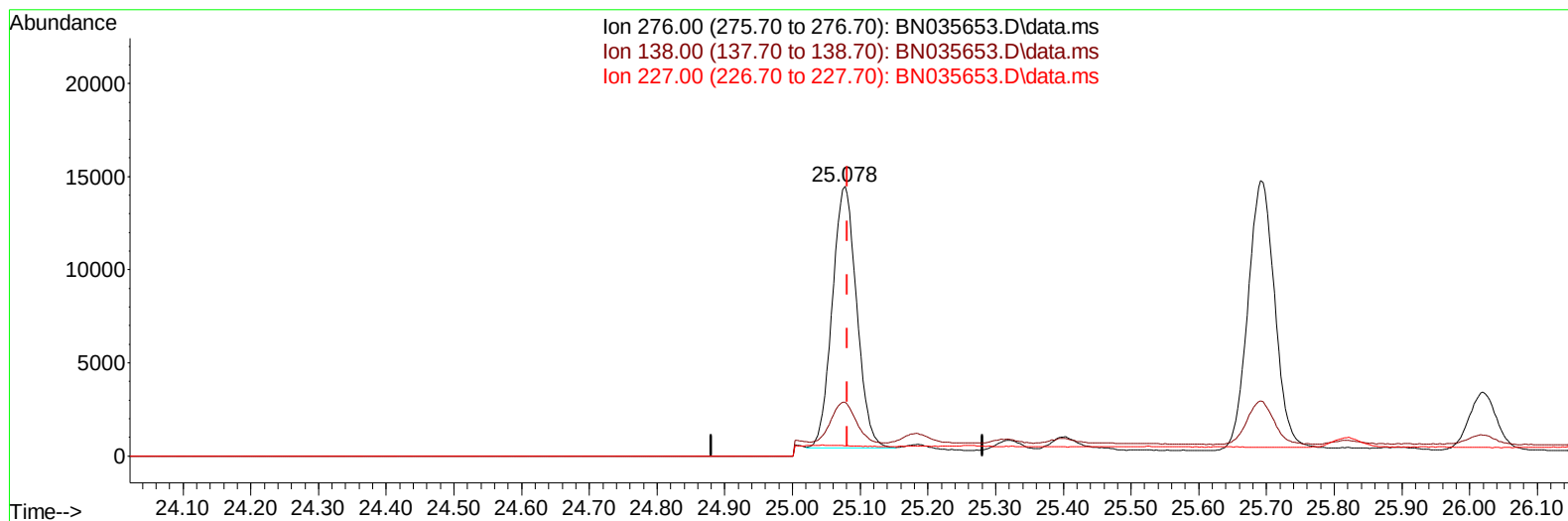
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
Data File : BN035653.D
Acq On : 17 Dec 2024 14:12
Operator : RC/JU
Sample : P5153-21DL 5X
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28R4DL

Manual IntegrationsAPPROVED

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN121624.M
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Supervised By :mohammad ahmed 12/21/2024



TIC: BN035653.D\data.ms

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

25.078min (-0.003) 0.92 ng/ul m

response 35274

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	18.40	30.55#
227.00	27.00	0.00#
0.00	0.00	0.00

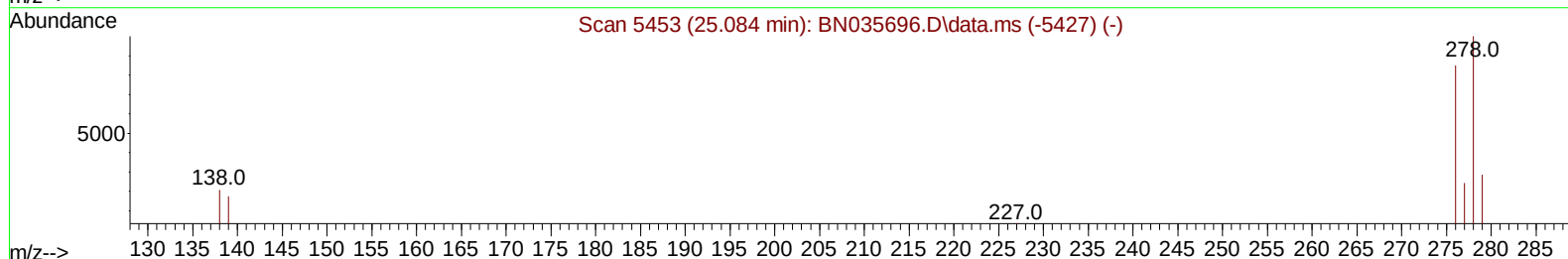
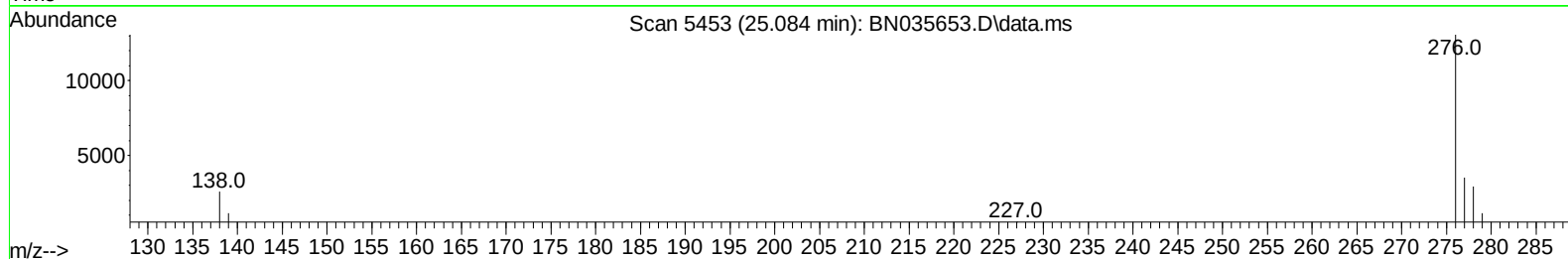
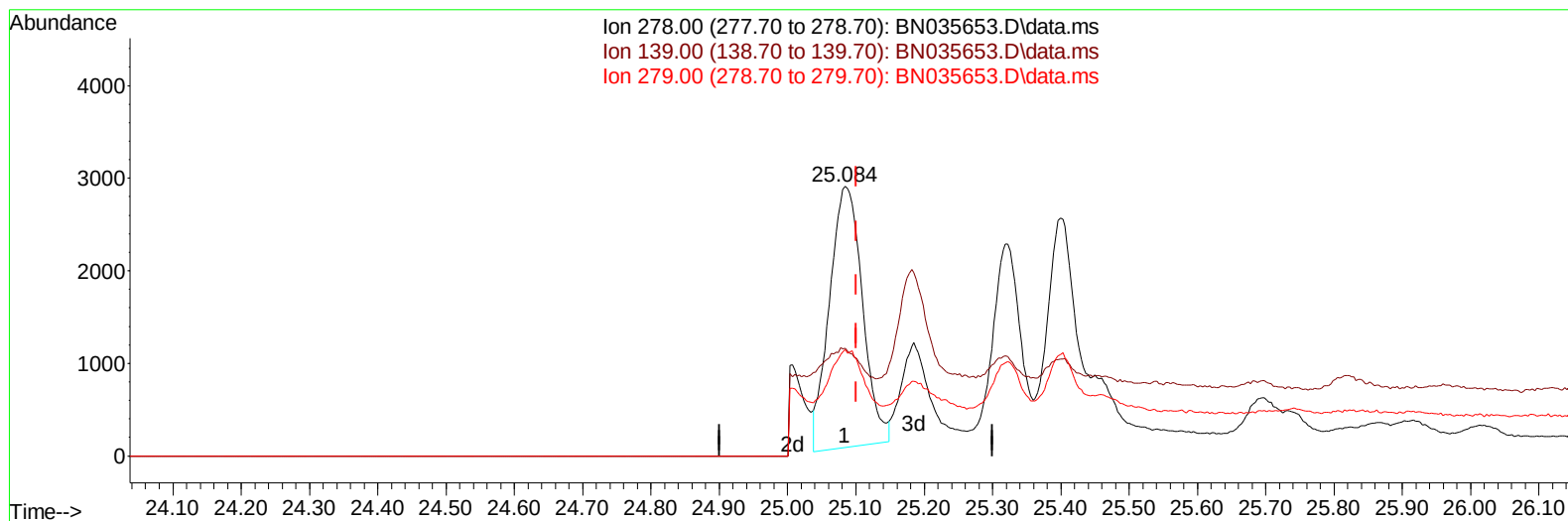
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TIC: BN035653.D\data.ms

(28) Dibenzo(a,h)anthracene

25.084min (-0.017) 0.33 ng/u1

response 9494

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	24.80	39.93#
279.00	30.00	39.48#
0.00	0.00	0.00

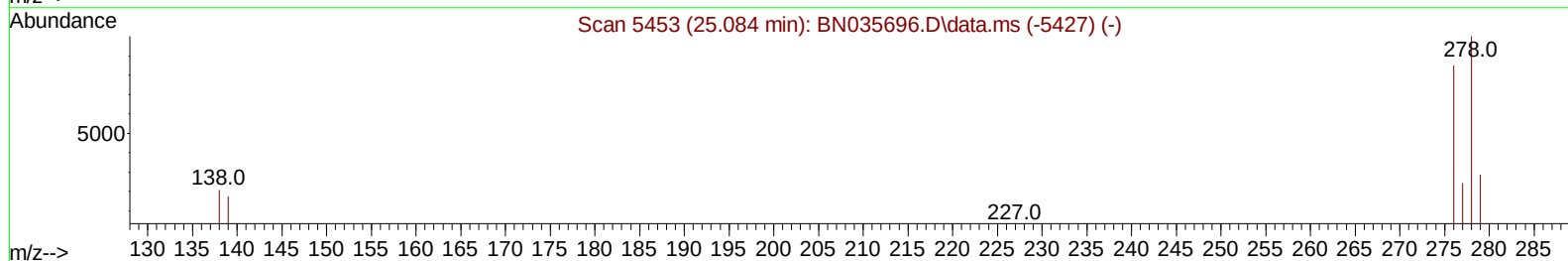
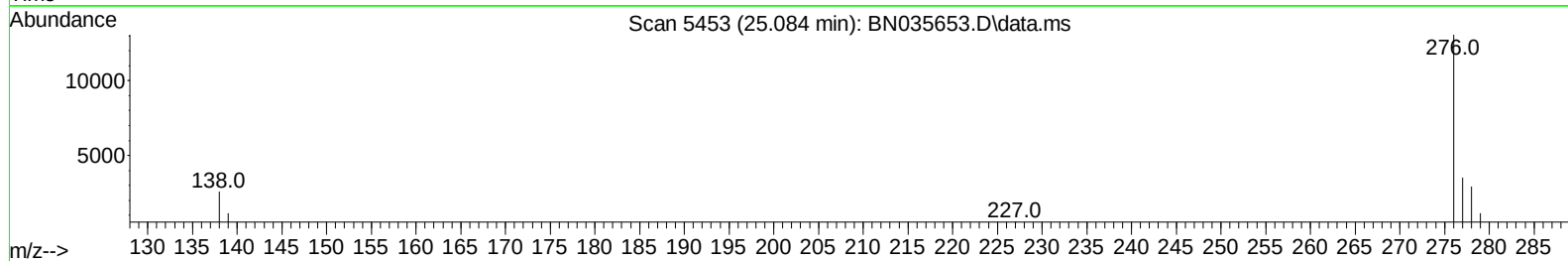
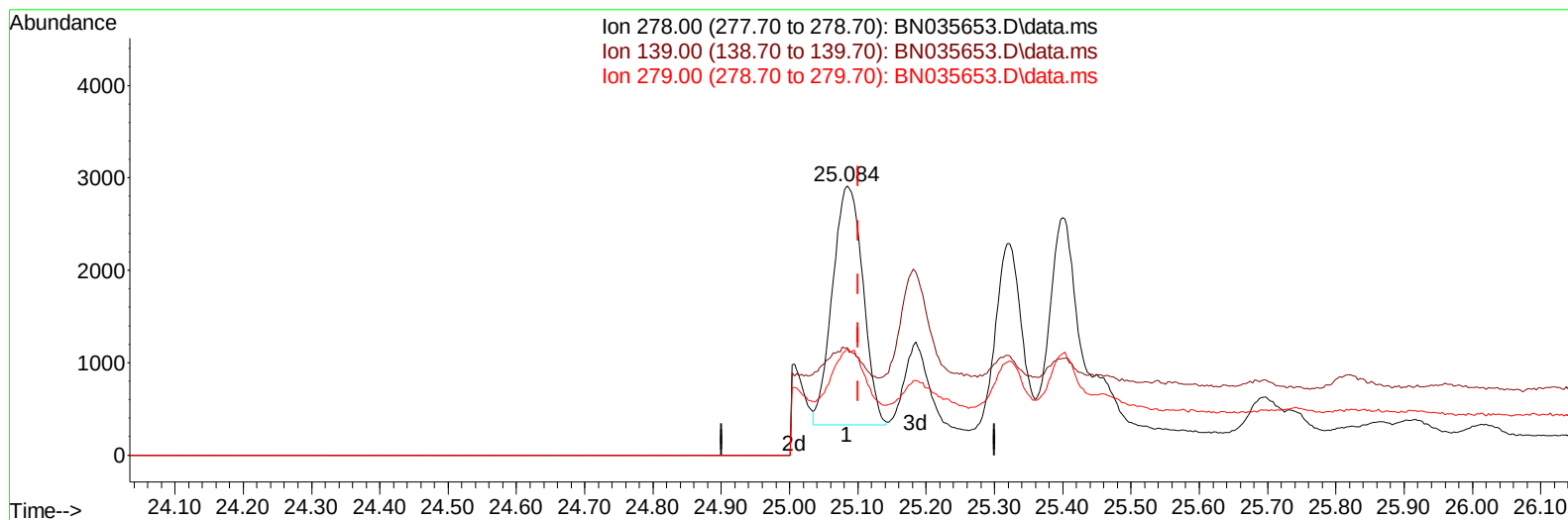
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Misc :
ALS Vial : 43 Sample Multiplier: 1

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TIC: BN035653.D\data.ms

(28) Dibenzo(a,h)anthracene

25.084min (-0.017) 0.27 ng/ul m

response 7983

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	24.80	39.93#
279.00	30.00	39.48#
0.00	0.00	0.00

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 ALS Vial : 43 Sample Multiplier: 1

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.284	152	2878	0.400	ng/ul	0.00
4) Naphthalene-d8	10.025	136	8514	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.944	164	5747	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.713	188	12030	0.400	ng/ul	0.00
17) Chrysene-d12	20.961	240	10020	0.400	ng/ul	# 0.00
23) Perylene-d12	23.048	264	10986	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.955	96	1668	0.654	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.631	152	437	0.036	ng/ul	0.00
18) Fluoranthene-d10	18.768	212	1068	0.036	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.075	128	9944m	0.476	ng/ul	
7) 2-Methylnaphthalene	11.708	142	4601	0.327	ng/ul	99
8) 1-Methylnaphthalene	11.934	142	1713	0.118	ng/ul	100
10) Acenaphthylene	13.657	152	1911	0.086	ng/ul#	89
11) Acenaphthene	14.009	153	550	0.033	ng/ul#	94
12) Fluorene	15.008	166	929	0.047	ng/ul#	90
15) Phenanthrene	16.755	178	22460	0.746	ng/ul	99
16) Anthracene	16.844	178	5466	0.194	ng/ul	95
19) Fluoranthene	18.795	202	37376	1.043	ng/ul	99
20) Pyrene	19.163	202	38480	0.975	ng/ul	99
21) Benzo(a)anthracene	20.944	228	25783	0.776	ng/ul	95
22) Chrysene	20.996	228	34148	0.990	ng/ul	97
24) Benzo(b)fluoranthene	22.440	252	58010m	1.792	ng/ul	
25) Benzo(k)fluoranthene	22.475	252	20155m	0.563	ng/ul	
26) Benzo(a)pyrene	22.960	252	41144	1.312	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	25.078	276	35274m	0.924	ng/ul	
28) Dibenzo(a,h)anthracene	25.084	278	7983m	0.274	ng/ul	
29) Benzo(g,h,i)perylene	25.691	276	41359	1.350	ng/ul	94

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

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