

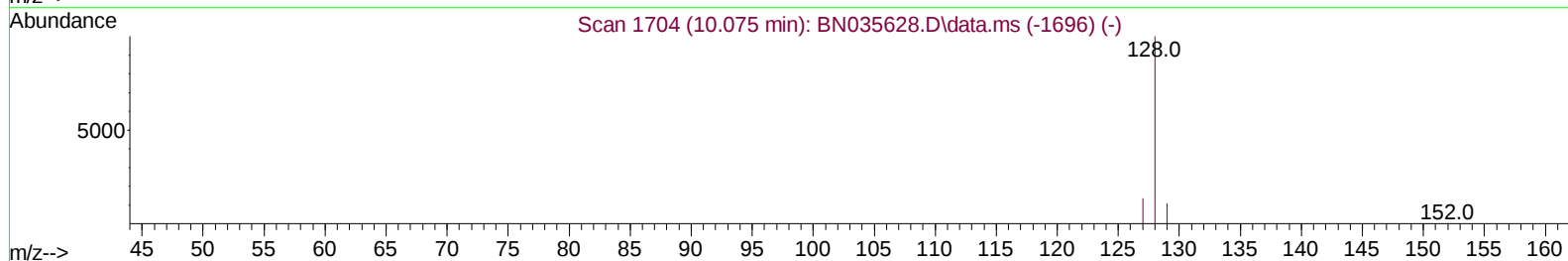
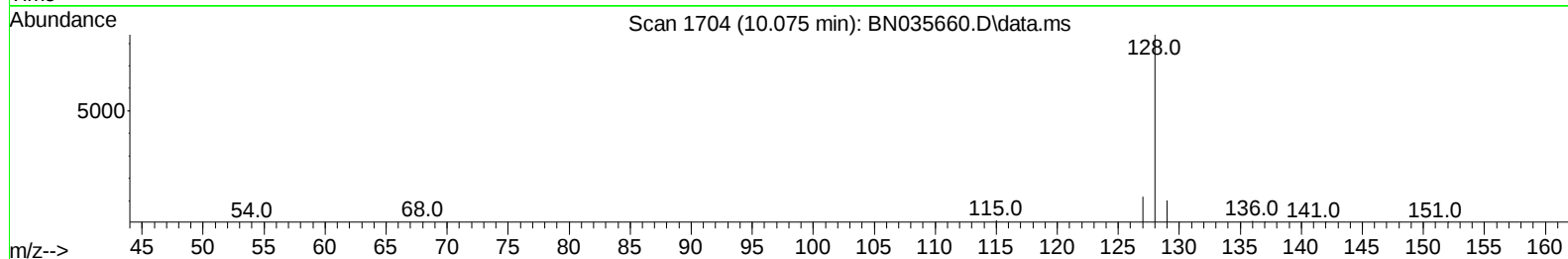
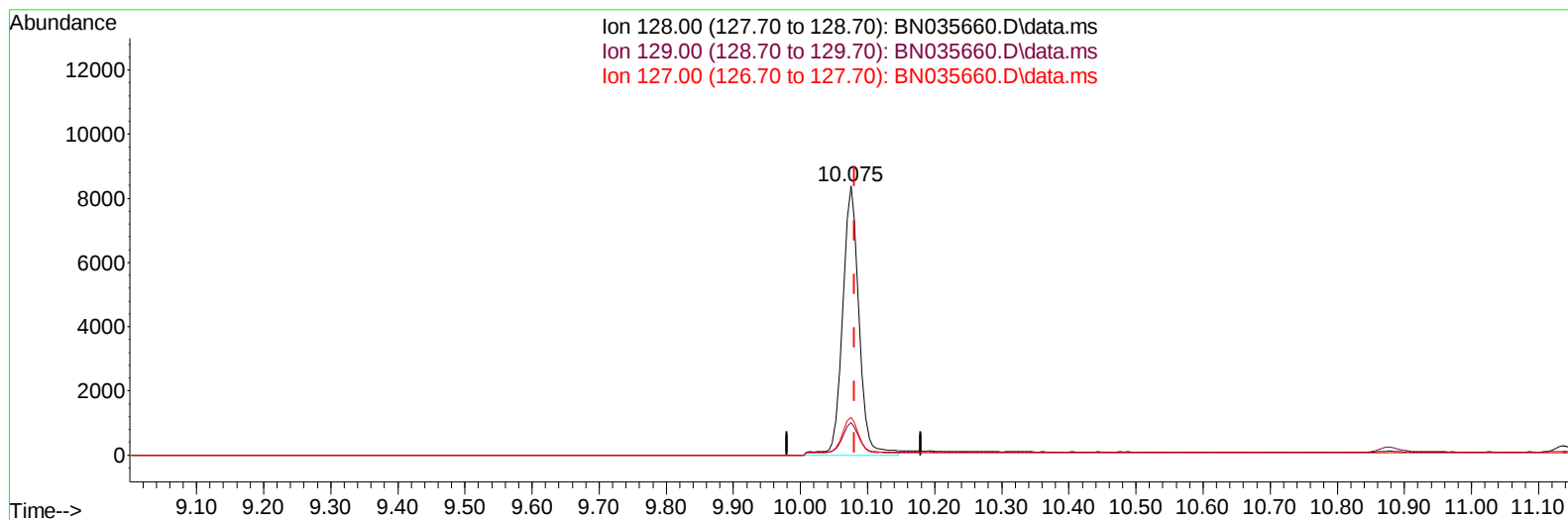
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
Data File : BN035660.D
Acq On : 17 Dec 2024 18:23
Operator : RC/JU
Sample : P5232-19DL 5X
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28T3DL

Manual IntegrationsAPPROVED

Quant Time: Dec 18 01:11:55 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 12/19/2024
Supervised By :mohammad ahmed 12/21/2024



TIC: BN035660.D\data.ms

(5) Naphthalene

10.075min (-0.005) 0.66 ng/u1

response 14128

Ion	Exp%	Act%
128.00	100.00	100.00
129.00	13.50	12.12
127.00	15.00	14.04
0.00	0.00	0.00

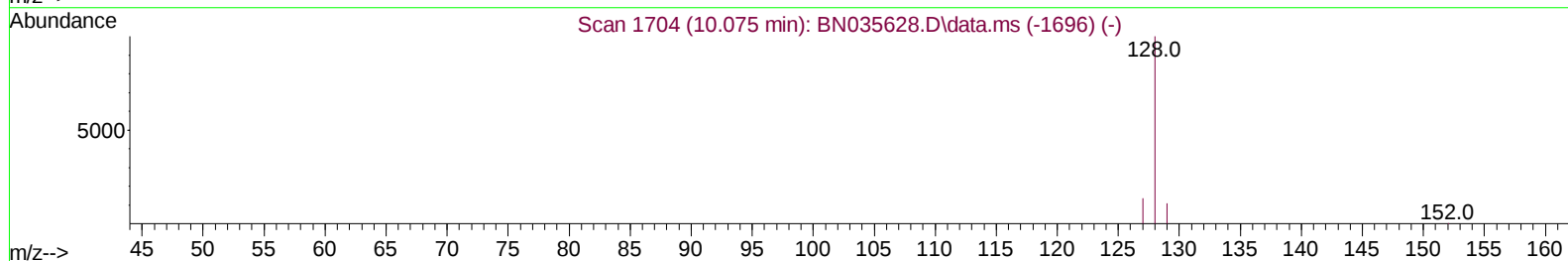
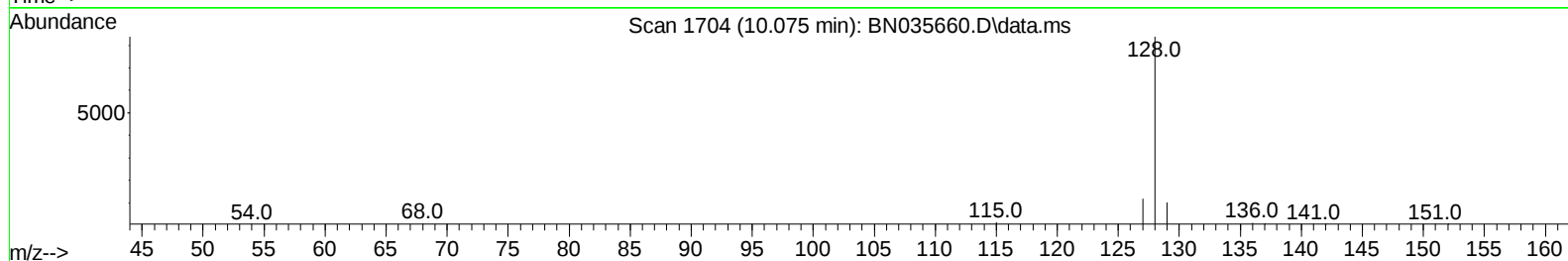
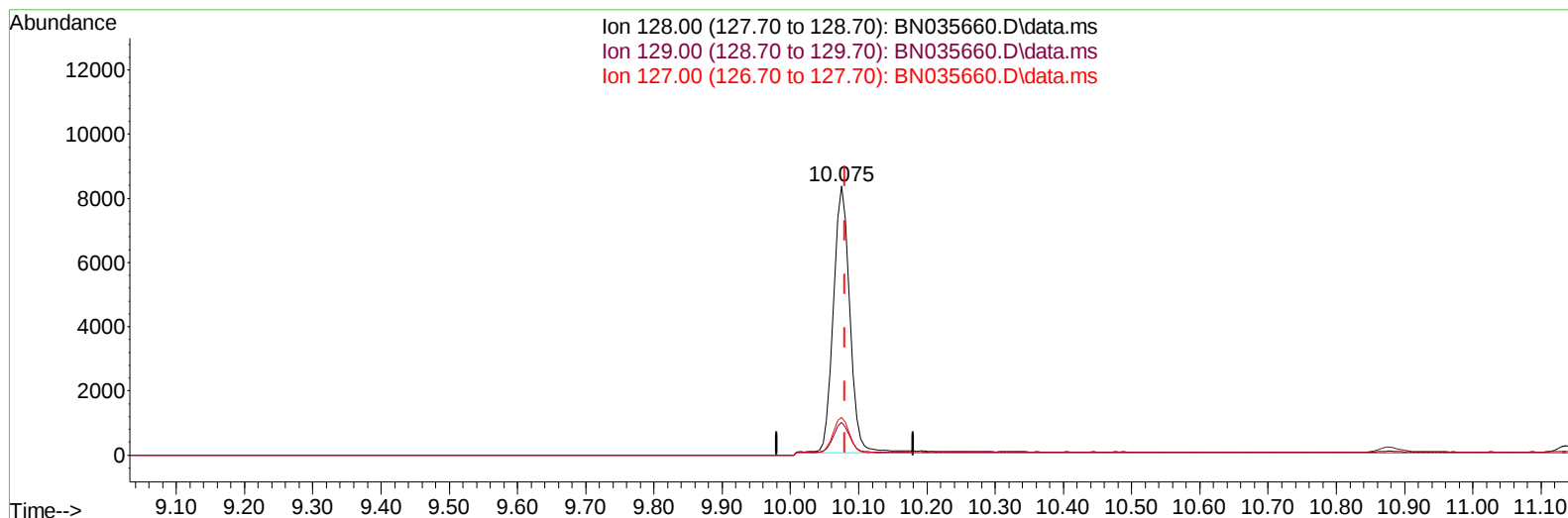
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
Data File : BN035660.D
Acq On : 17 Dec 2024 18:23
Operator : RC/JU
Sample : P5232-19DL 5X
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28T3DL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/19/2024
Supervised By :mohammad ahmed 12/21/2024

Quant Time: Dec 18 01:11:55 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



TIC: BN035660.D\data.ms

(5) Naphthalene

10.075min (-0.005) 0.64 ng/ul m

response 13655

Ion	Exp%	Act%
128.00	100.00	100.00
129.00	13.50	12.12
127.00	15.00	14.04
0.00	0.00	0.00

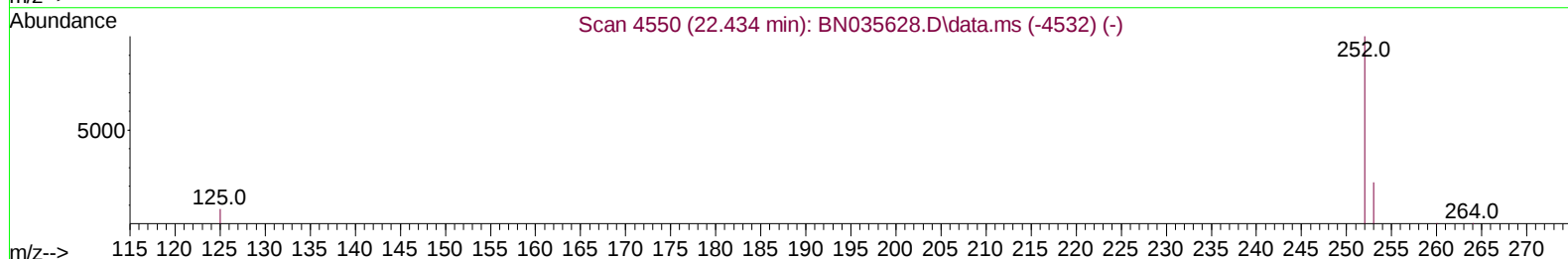
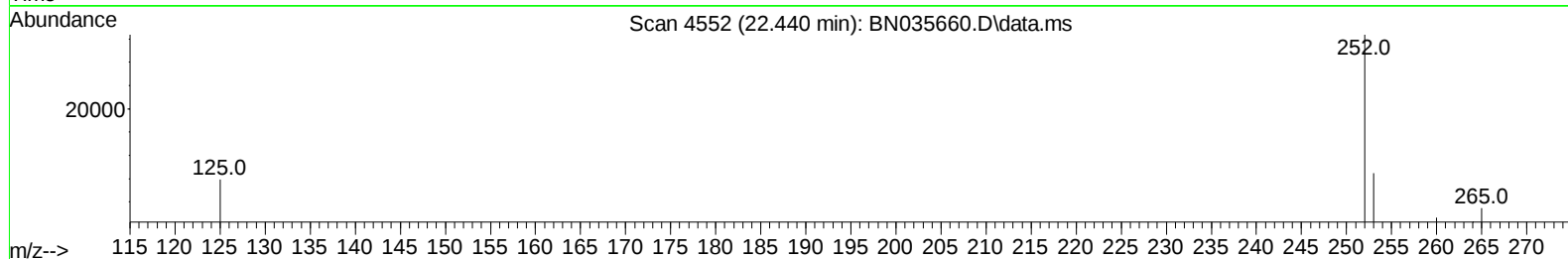
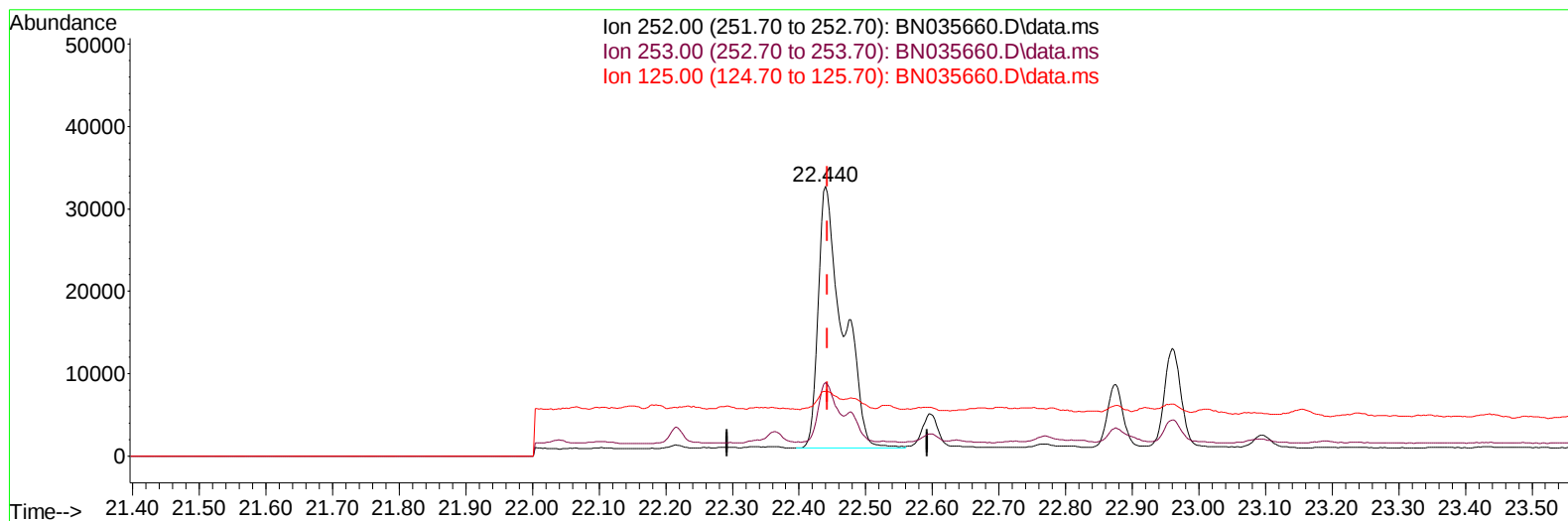
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
Data File : BN035660.D
Acq On : 17 Dec 2024 18:23
Operator : RC/JU
Sample : P5232-19DL 5X
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28T3DL

Manual IntegrationsAPPROVED

Quant Time: Dec 18 01:11:55 2024
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TIC: BN035660.D\data.ms

(24) Benzo(b)fluoranthene

22.440min (-0.003) 2.42 ng/u1

response 82438

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.20	27.31
125.00	18.80	24.07
0.00	0.00	0.00

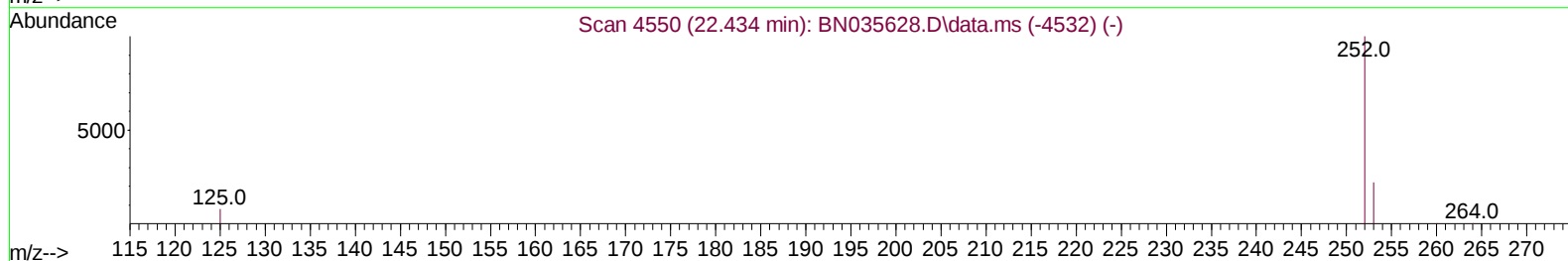
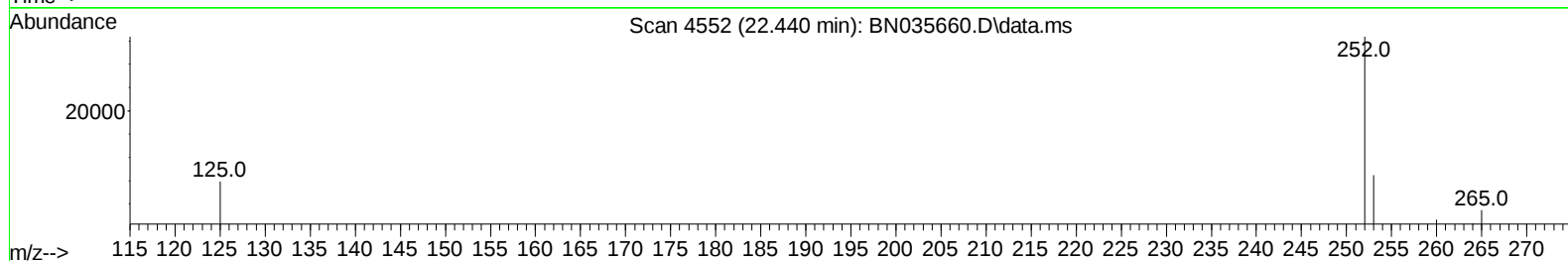
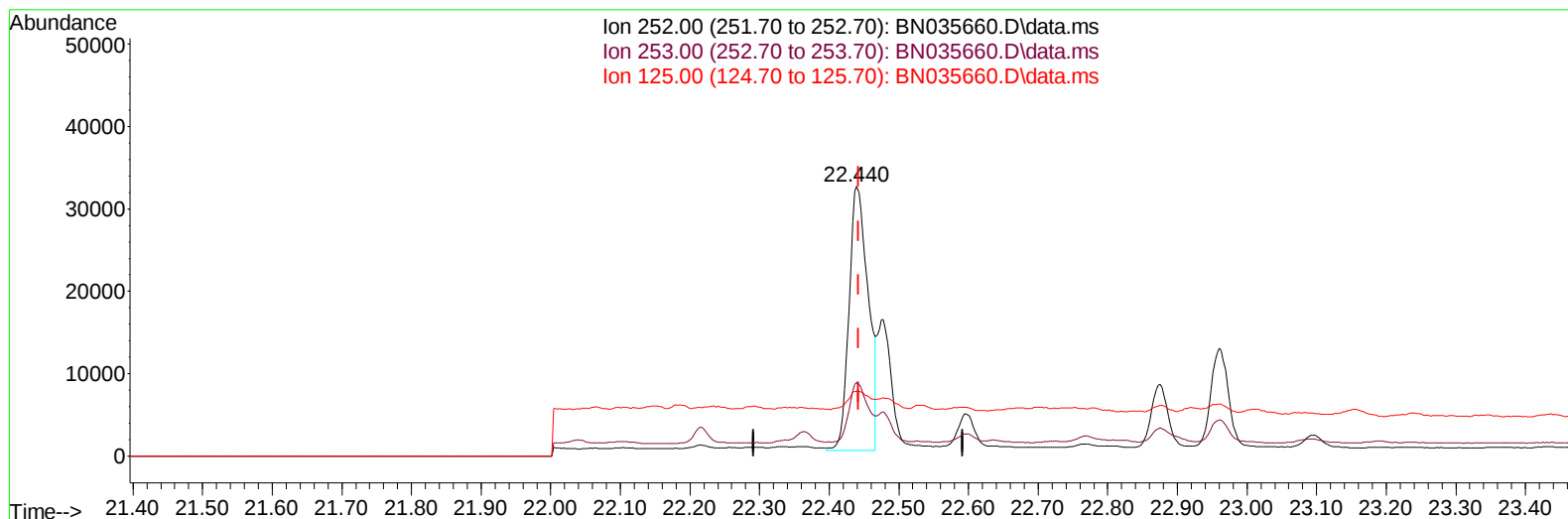
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
Data File : BN035660.D
Acq On : 17 Dec 2024 18:23
Operator : RC/JU
Sample : P5232-19DL 5X
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28T3DL

Manual IntegrationsAPPROVED

Quant Time: Dec 18 01:11:55 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 12/19/2024
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TIC: BN035660.D\data.ms

(24) Benzo(b)fluoranthene

22.440min (-0.003) 1.81 ng/u1 m

response 61504

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.20	27.31
125.00	18.80	24.07
0.00	0.00	0.00

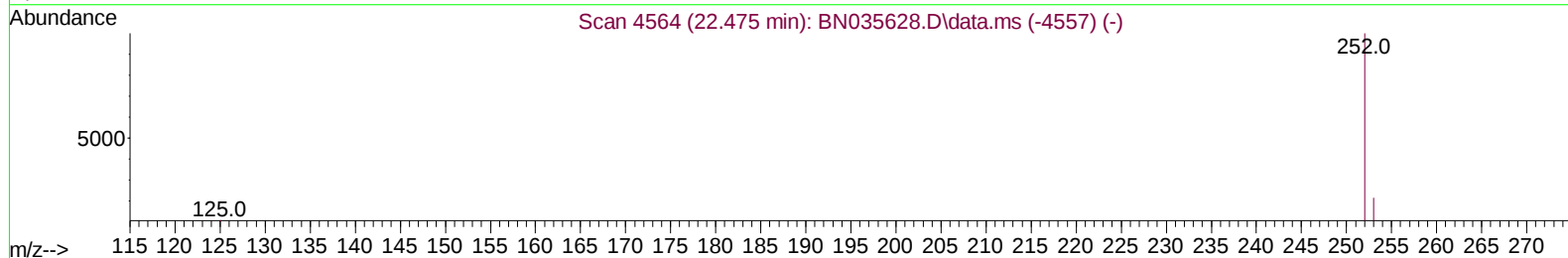
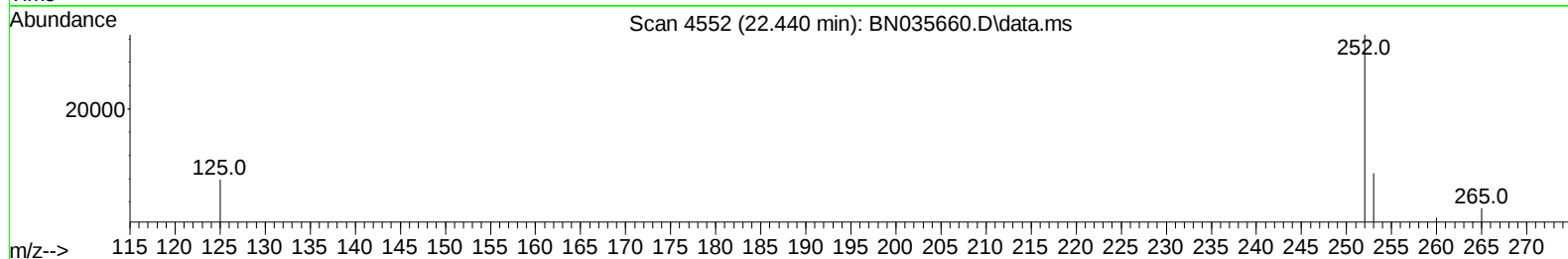
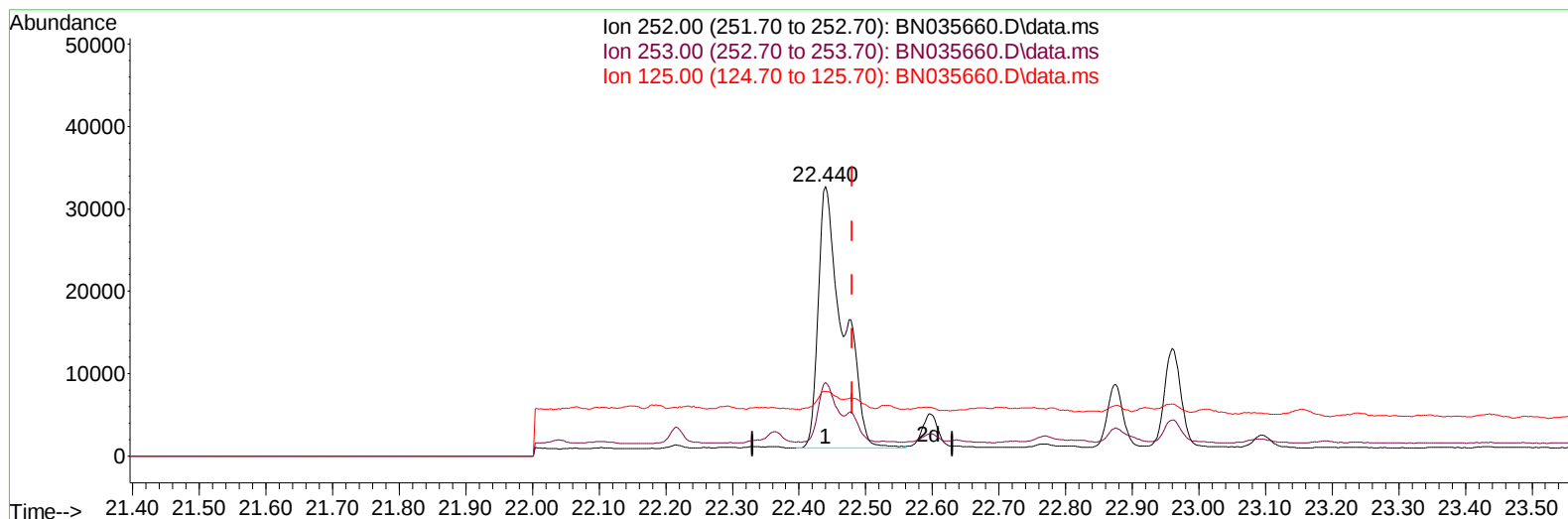
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
Data File : BN035660.D
Acq On : 17 Dec 2024 18:23
Operator : RC/JU
Sample : P5232-19DL 5X
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28T3DL

Manual IntegrationsAPPROVED

Quant Time: Dec 18 01:20:28 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 12/19/2024
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TIC: BN035660.D\data.ms

(25) Benzo(k)fluoranthene

22.440min (-0.041) 2.19 ng/u1

response 82438

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.60	27.31
125.00	19.10	24.07#
0.00	0.00	0.00

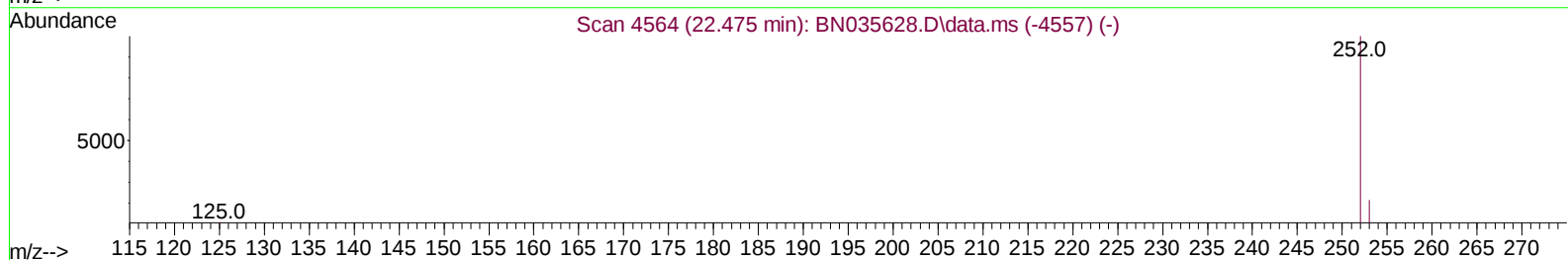
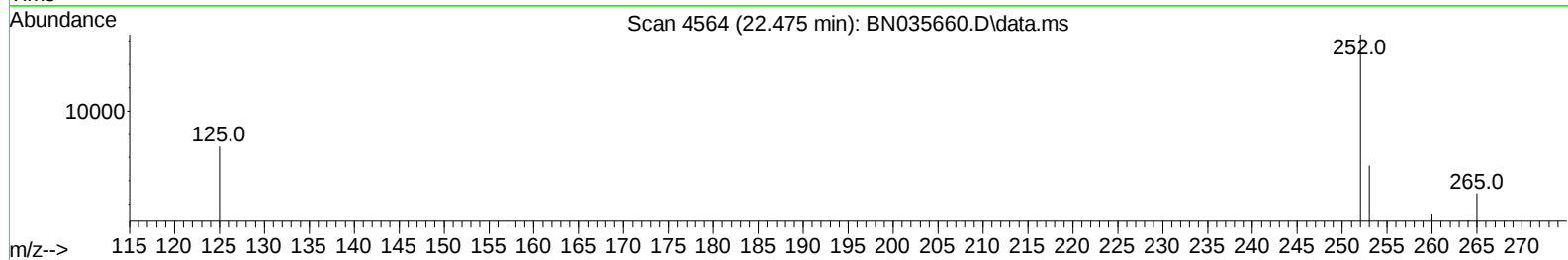
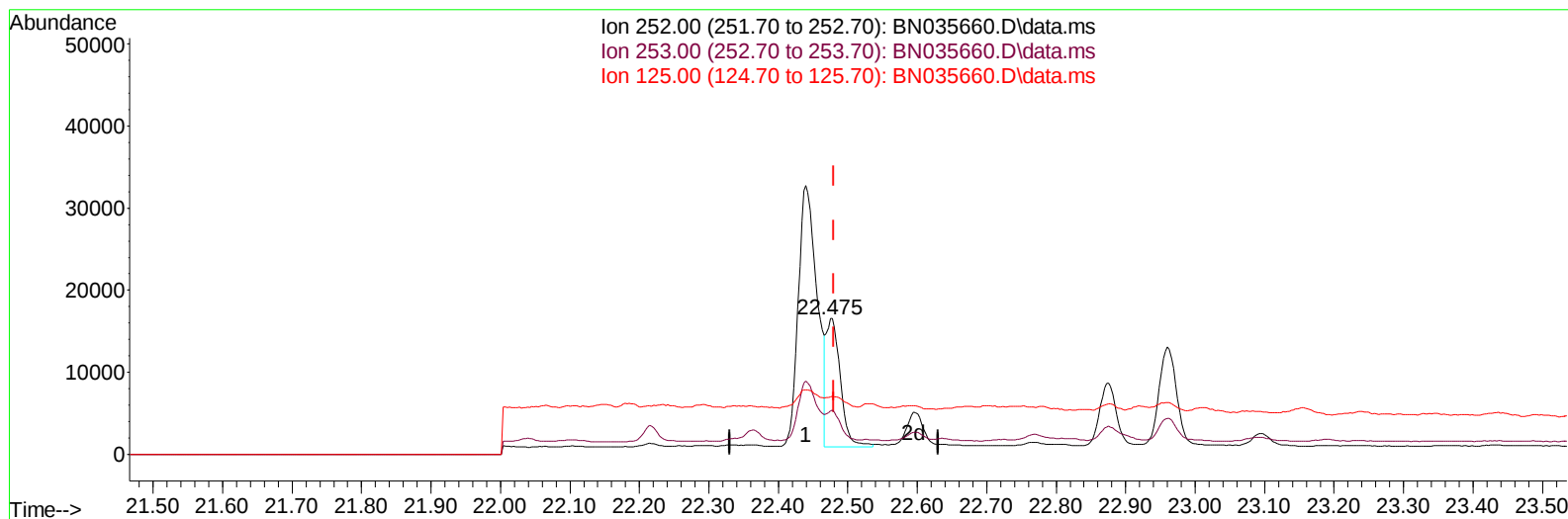
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Data File : BN035660.D
Acq On : 17 Dec 2024 18:23
Operator : RC/JU
Sample : P5232-19DL 5X
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28T3DL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/19/2024
Supervised By :mohammad ahmed 12/21/2024

Quant Time: Dec 18 01:11:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN121624.M
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Response via : Initial Calibration



TIC: BN035660.D\data.ms

(25) Benzo(k)fluoranthene

22.475min (-0.006) 0.59 ng/u1 m

response 22132

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.60	32.04
125.00	19.10	42.14#
0.00	0.00	0.00

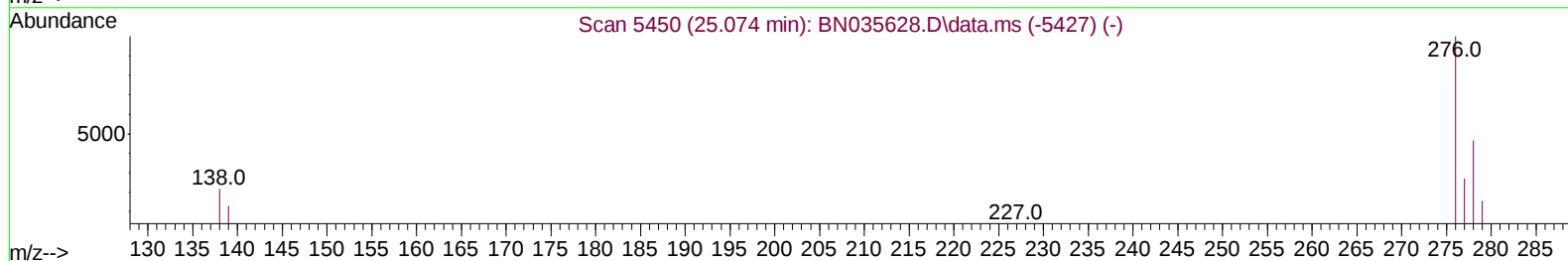
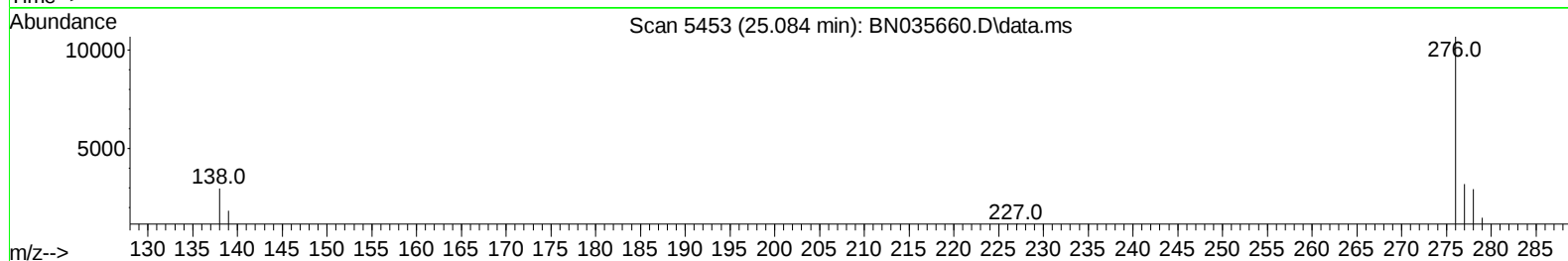
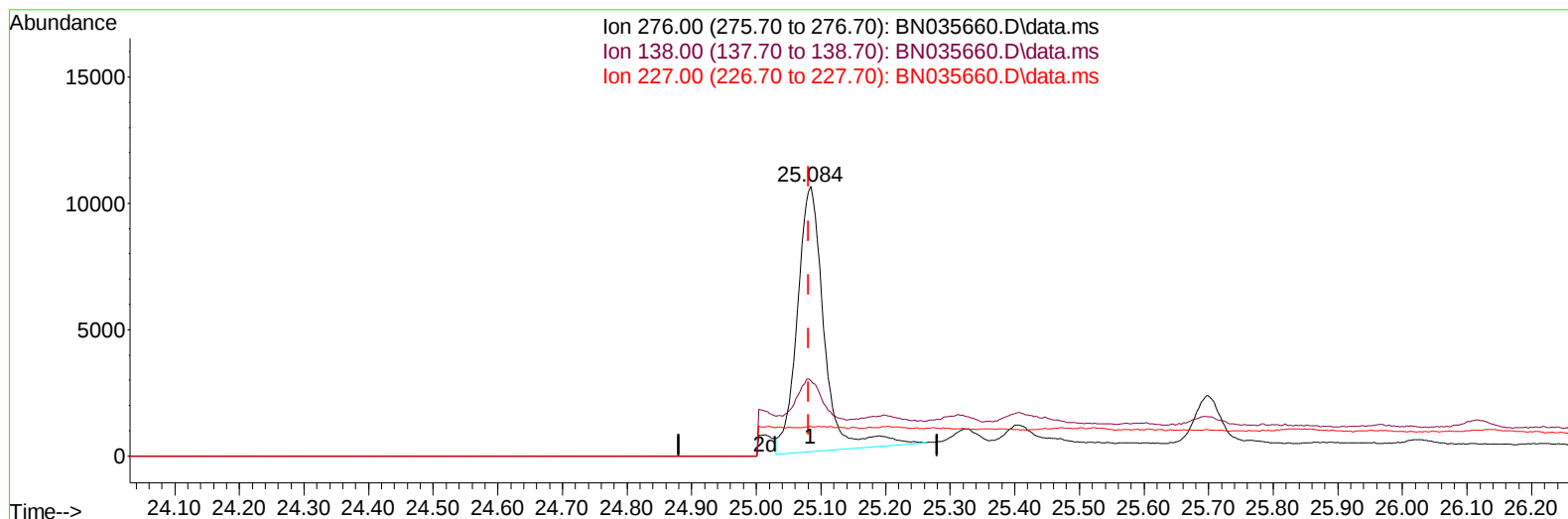
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
Data File : BN035660.D
Acq On : 17 Dec 2024 18:23
Operator : RC/JU
Sample : P5232-19DL 5X
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28T3DL

Manual IntegrationsAPPROVED

Quant Time: Dec 18 01:11:55 2024
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QLast Update : Mon Dec 16 16:26:08 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/19/2024
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TIC: BN035660.D\data.ms

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

25.084min (+ 0.004) 0.75 ng/u1

response 30182

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	18.40	17.15
227.00	27.00	0.00#
0.00	0.00	0.00

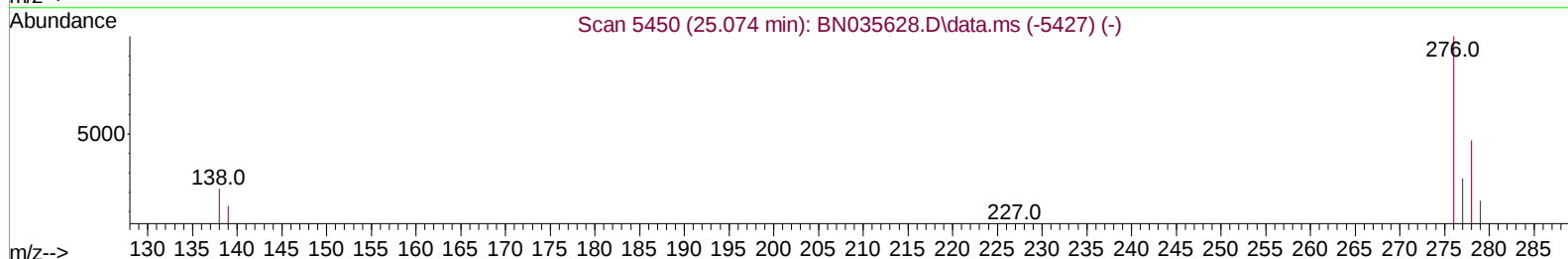
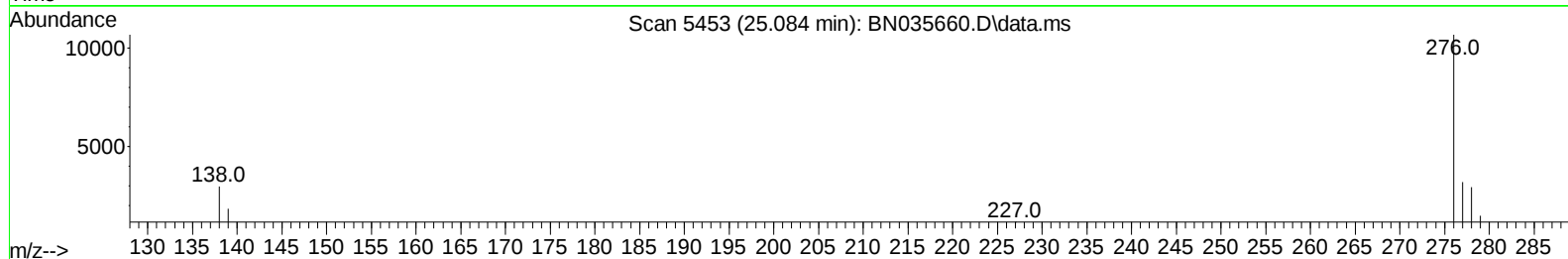
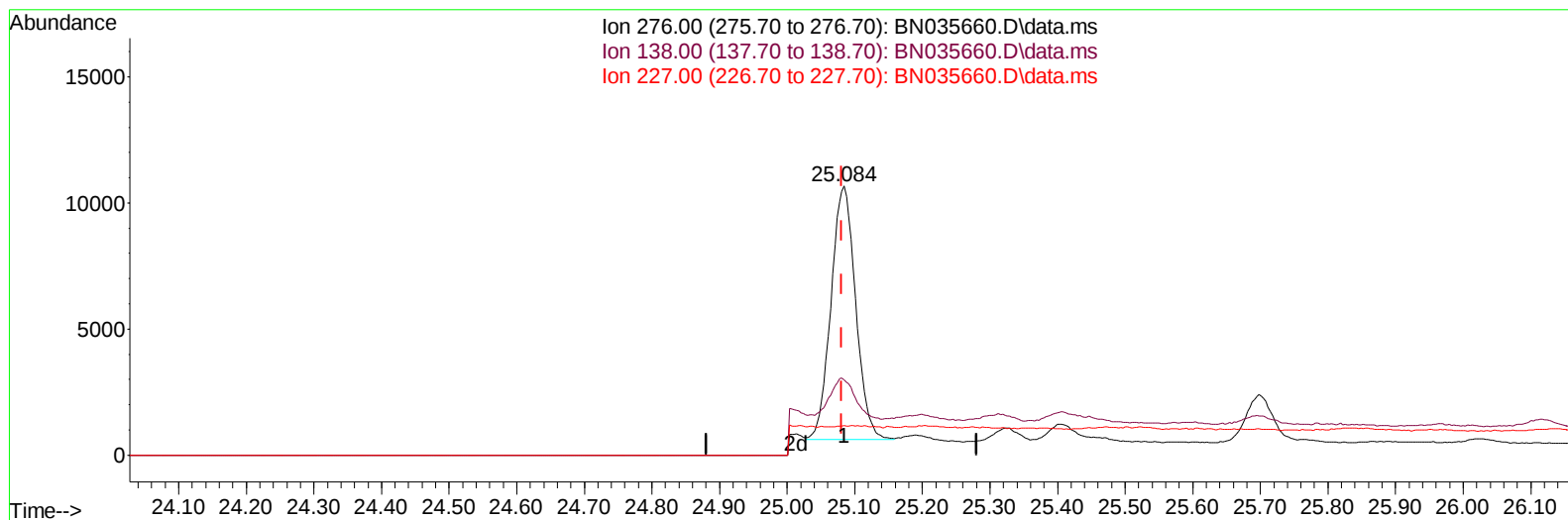
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
 Data File : BN035660.D
 Acq On : 17 Dec 2024 18:23
 Operator : RC/JU
 Sample : P5232-19DL 5X
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28T3DL

Manual IntegrationsAPPROVED

Quant Time: Dec 18 01:11:55 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 12/19/2024
 Supervised By :mohammad ahmed 12/21/2024



TIC: BN035660.D\data.ms

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

25.084min (+ 0.004) 0.63 ng/ul m

response 25392

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	18.40	20.38
227.00	27.00	0.00#
0.00	0.00	0.00

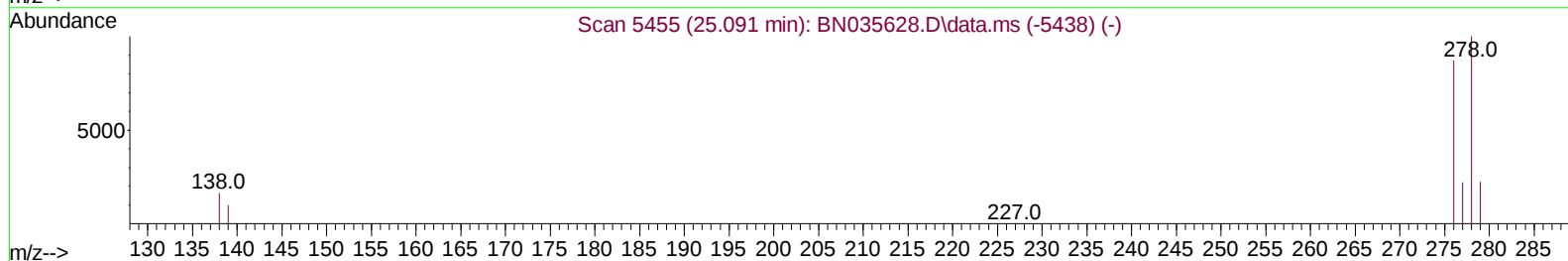
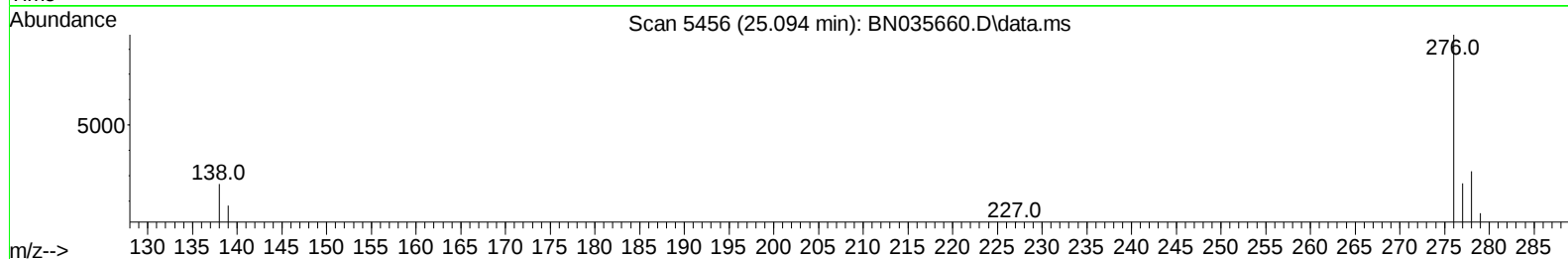
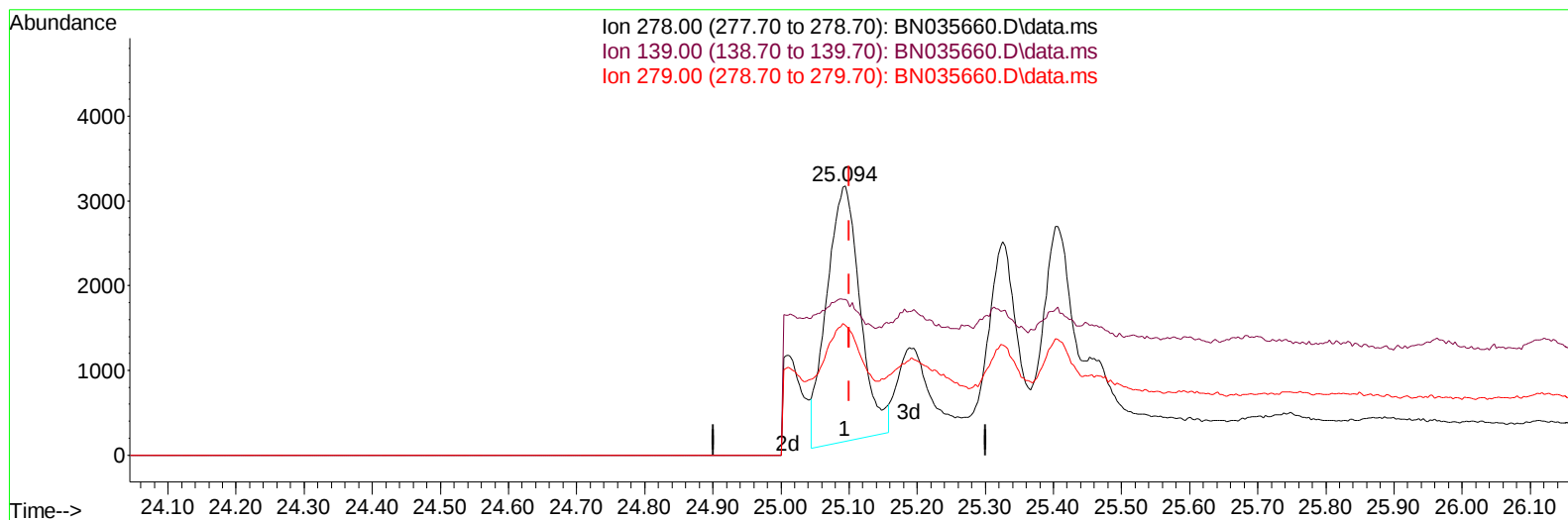
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
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Operator : RC/JU
Sample : P5232-19DL 5X
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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TIC: BN035660.D\data.ms

(28) Dibenzo(a,h)anthracene

25.094min (-0.007) 0.34 ng/u1

response 10296

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	24.80	57.84#
279.00	30.00	48.20#
0.00	0.00	0.00

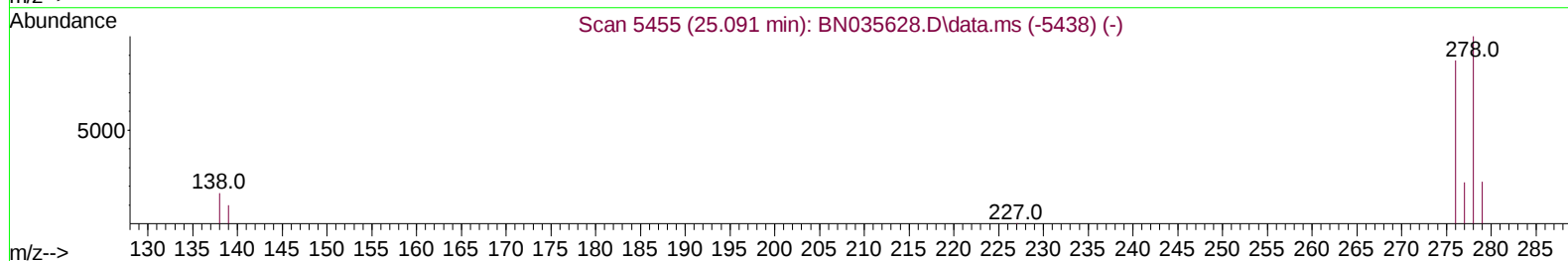
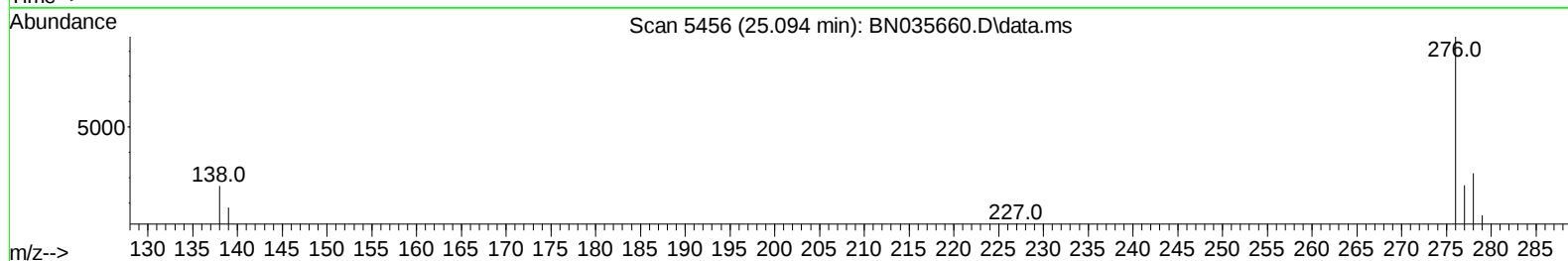
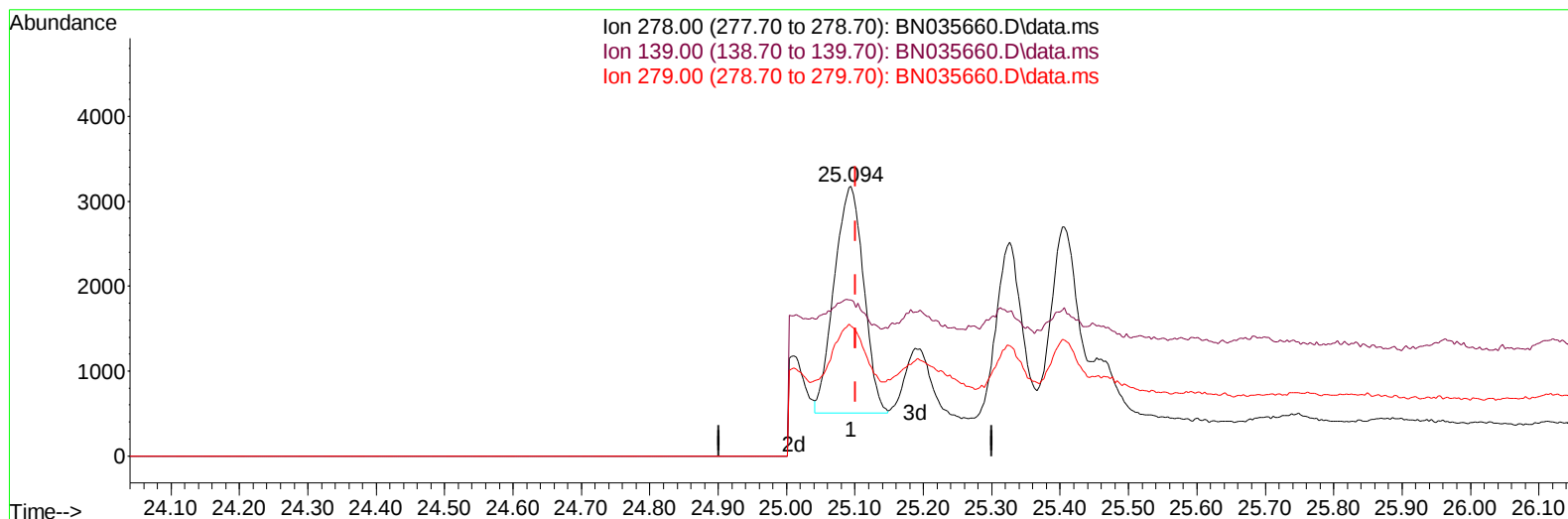
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
Data File : BN035660.D
Acq On : 17 Dec 2024 18:23
Operator : RC/JU
Sample : P5232-19DL 5X
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28T3DL

Manual IntegrationsAPPROVED

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TIC: BN035660.D\data.ms

(28) Dibenzo(a,h)anthracene

25.094min (-0.007) 0.26 ng/ul m

response 8009

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	24.80	57.84#
279.00	30.00	48.20#
0.00	0.00	0.00

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 Sample : P5232-19DL 5X
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.280	152	3021	0.400	ng/ul	0.00
4) Naphthalene-d8	10.026	136	8747	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.944	164	5960	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.713	188	12407	0.400	ng/ul	# 0.00
17) Chrysene-d12	20.961	240	10184	0.400	ng/ul	# 0.00
23) Perylene-d12	23.051	264	11538	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.955	96	1392	0.520	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.631	152	432	0.035	ng/ul	0.00
18) Fluoranthene-d10	18.768	212	1033	0.035	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.075	128	13655m	0.637	ng/ul	
7) 2-Methylnaphthalene	11.708	142	5163	0.357	ng/ul	99
8) 1-Methylnaphthalene	11.934	142	1825	0.122	ng/ul	99
10) Acenaphthylene	13.657	152	3658	0.158	ng/ul#	93
11) Acenaphthene	14.009	153	884	0.051	ng/ul	96
12) Fluorene	15.008	166	5293	0.261	ng/ul#	98
15) Phenanthrene	16.755	178	28140	0.906	ng/ul	99
16) Anthracene	16.844	178	22436	0.773	ng/ul	98
19) Fluoranthene	18.796	202	45520	1.250	ng/ul	99
20) Pyrene	19.163	202	39137	0.975	ng/ul	99
21) Benzo(a)anthracene	20.944	228	30050	0.890	ng/ul#	90
22) Chrysene	20.996	228	38814	1.107	ng/ul#	93
24) Benzo(b)fluoranthene	22.440	252	61504m	1.809	ng/ul	
25) Benzo(k)fluoranthene	22.475	252	22132m	0.588	ng/ul	
26) Benzo(a)pyrene	22.960	252	20976	0.637	ng/ul#	75
27) Indeno(1,2,3-cd)pyrene	25.084	276	25392m	0.633	ng/ul	
28) Dibenzo(a,h)anthracene	25.094	278	8009m	0.262	ng/ul	
29) Benzo(g,h,i)perylene	25.698	276	5521	0.172	ng/ul#	43

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

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Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
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ClientSampleId :
E28T3DL

Manual IntegrationsAPPROVED

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