

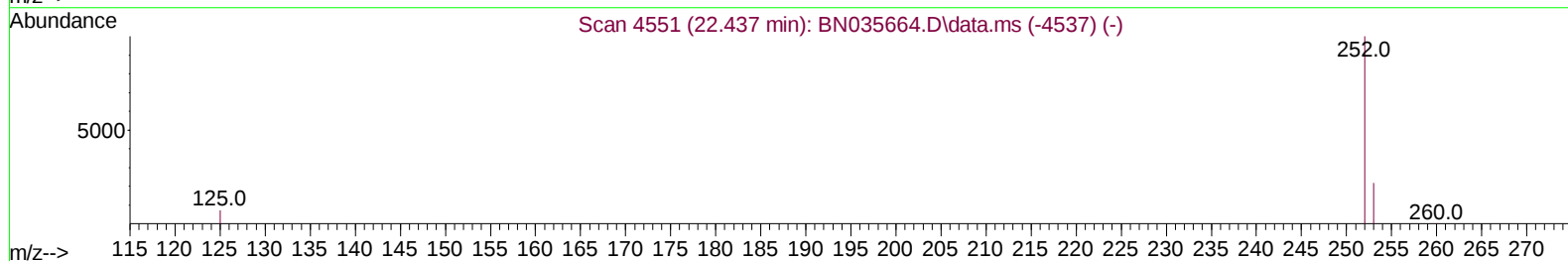
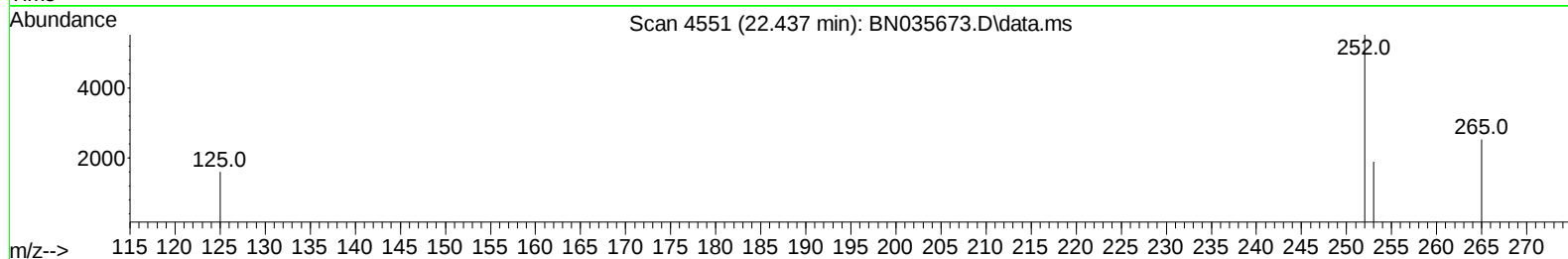
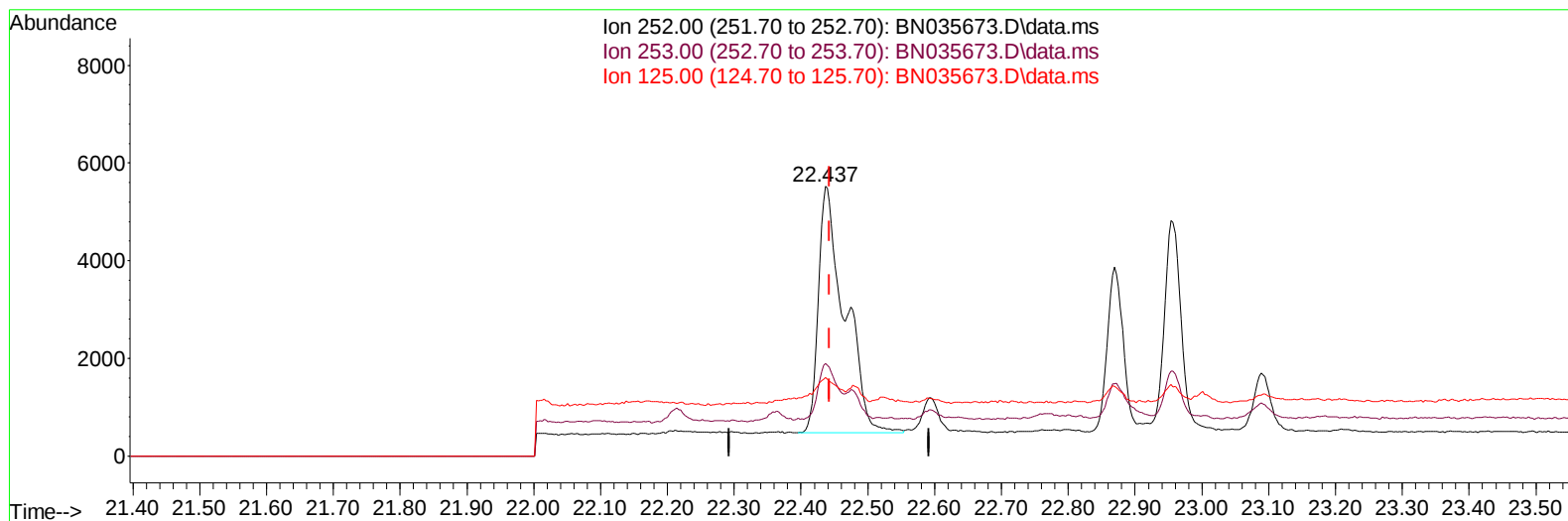
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035673.D
Acq On : 18 Dec 2024 16:55
Operator : RC/JU
Sample : P5155-20DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28W3DL

Manual IntegrationsAPPROVED

Quant Time: Dec 19 00:46:26 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: BN035673.D\data.ms

(24) Benzo(b)fluoranthene

22.437min (-0.006) 0.45 ng/u1

response 13812

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.20	34.38
125.00	18.80	29.09
0.00	0.00	0.00

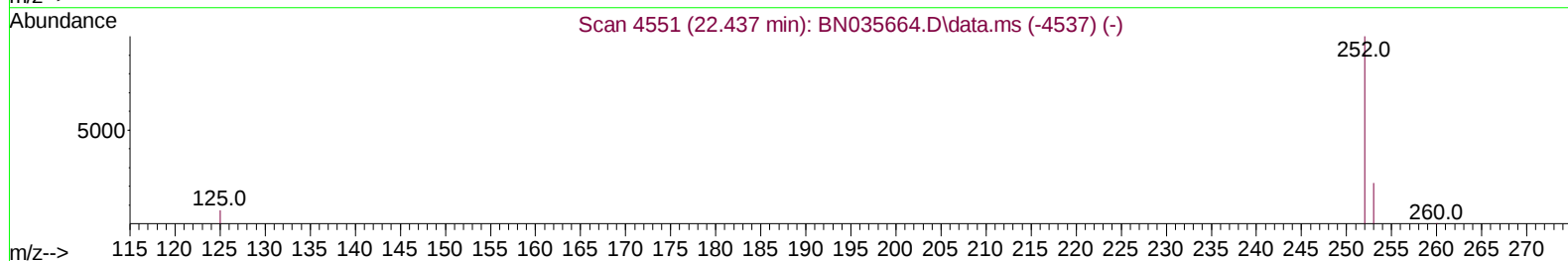
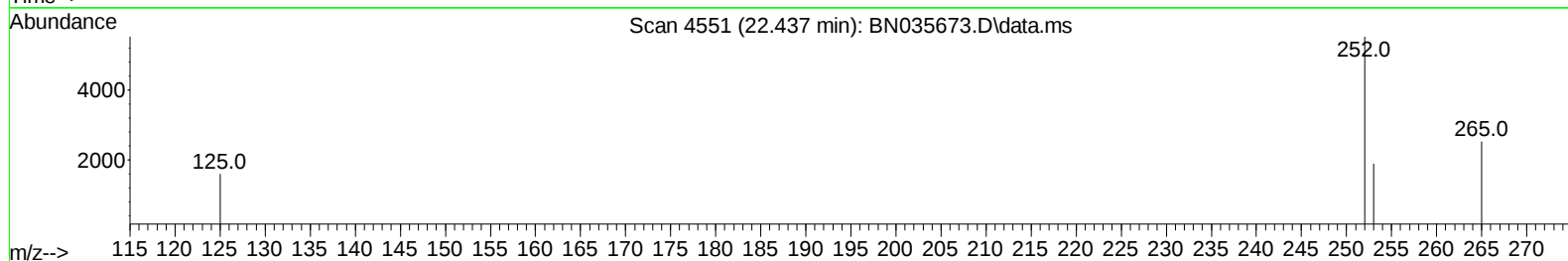
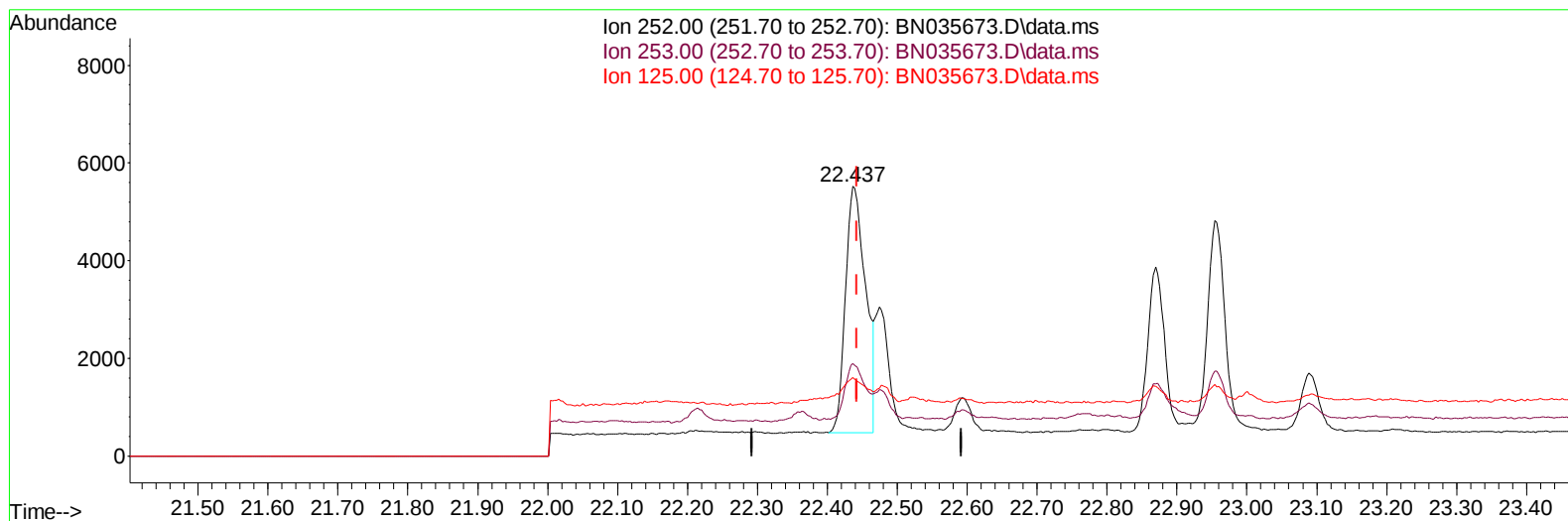
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035673.D
Acq On : 18 Dec 2024 16:55
Operator : RC/JU
Sample : P5155-20DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28W3DL

Manual IntegrationsAPPROVED

Quant Time: Dec 19 00:46:26 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: BN035673.D\data.ms

(24) Benzo(b)fluoranthene

22.437min (-0.006) 0.33 ng/u1 m

response 10171

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.20	34.38
125.00	18.80	29.09
0.00	0.00	0.00

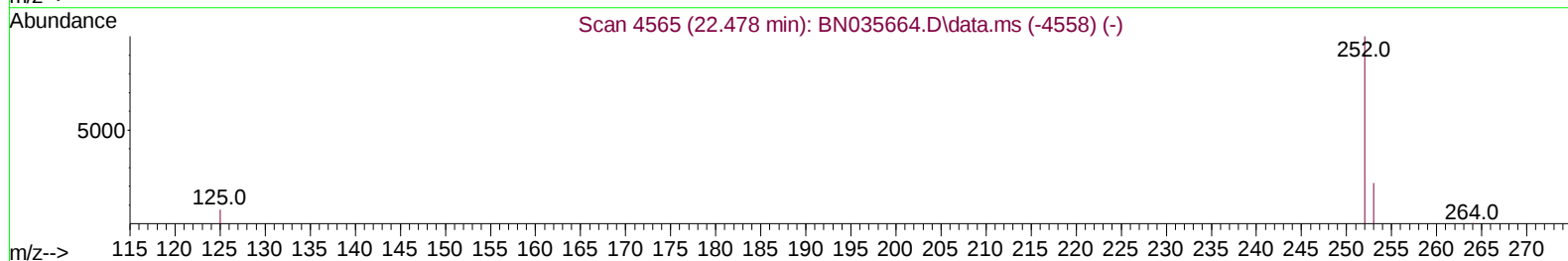
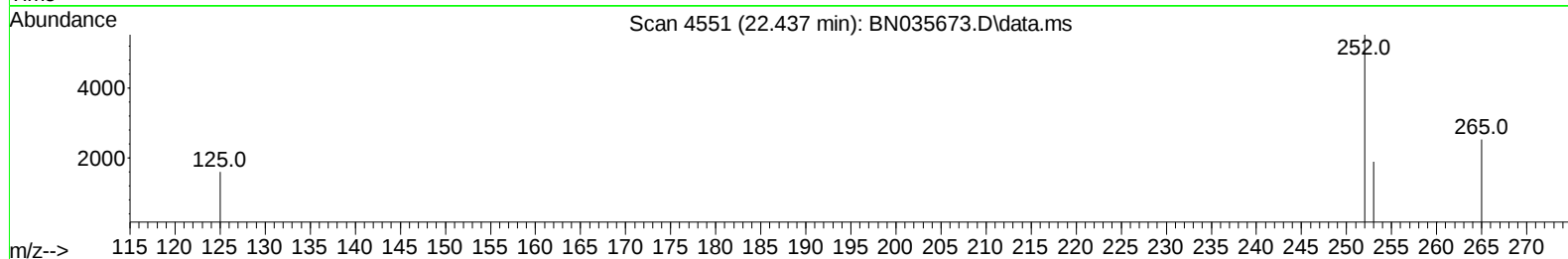
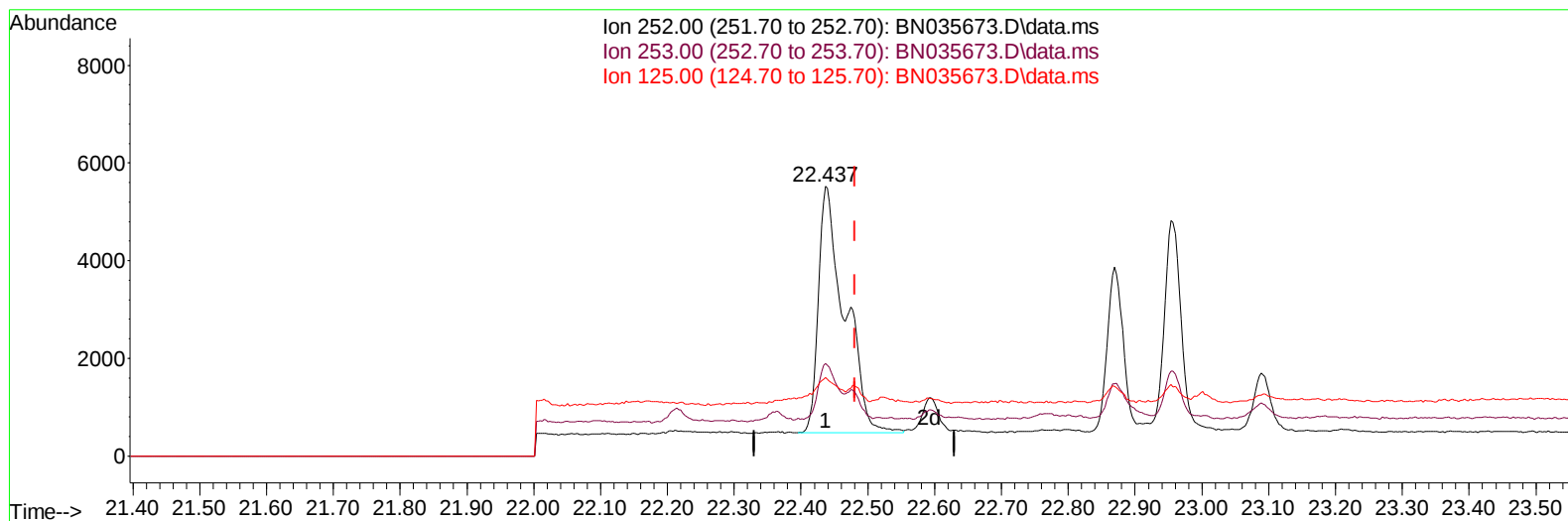
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035673.D
Acq On : 18 Dec 2024 16:55
Operator : RC/JU
Sample : P5155-20DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28W3DL

Manual IntegrationsAPPROVED

Quant Time: Dec 19 00:46:26 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: BN035673.D\data.ms

(25) Benzo(k)fluoranthene

22.437min (-0.044) 0.41 ng/u1

response 13812

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.60	34.38#
125.00	19.10	29.09#
0.00	0.00	0.00

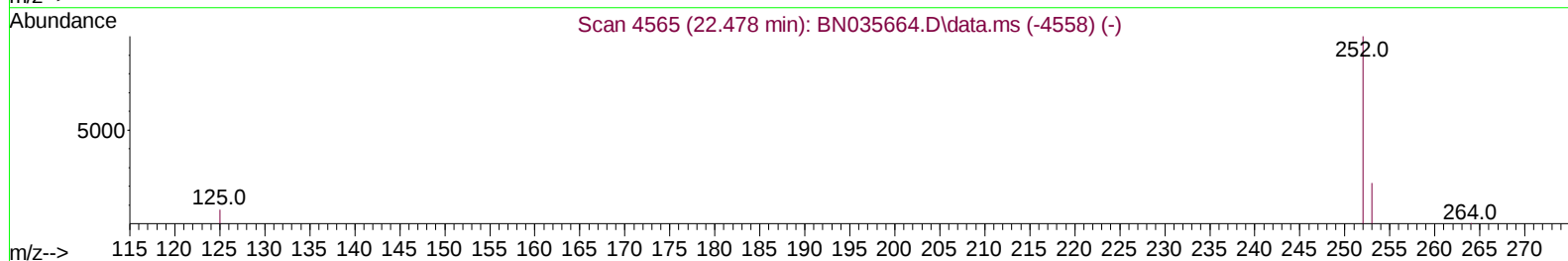
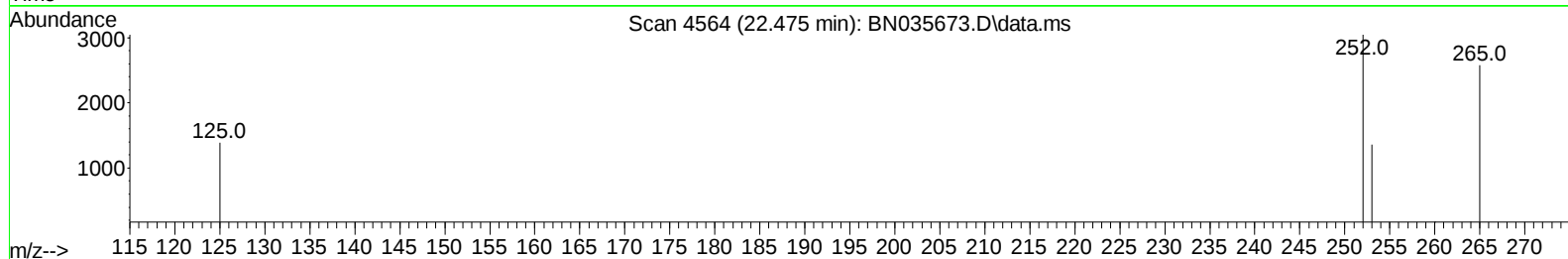
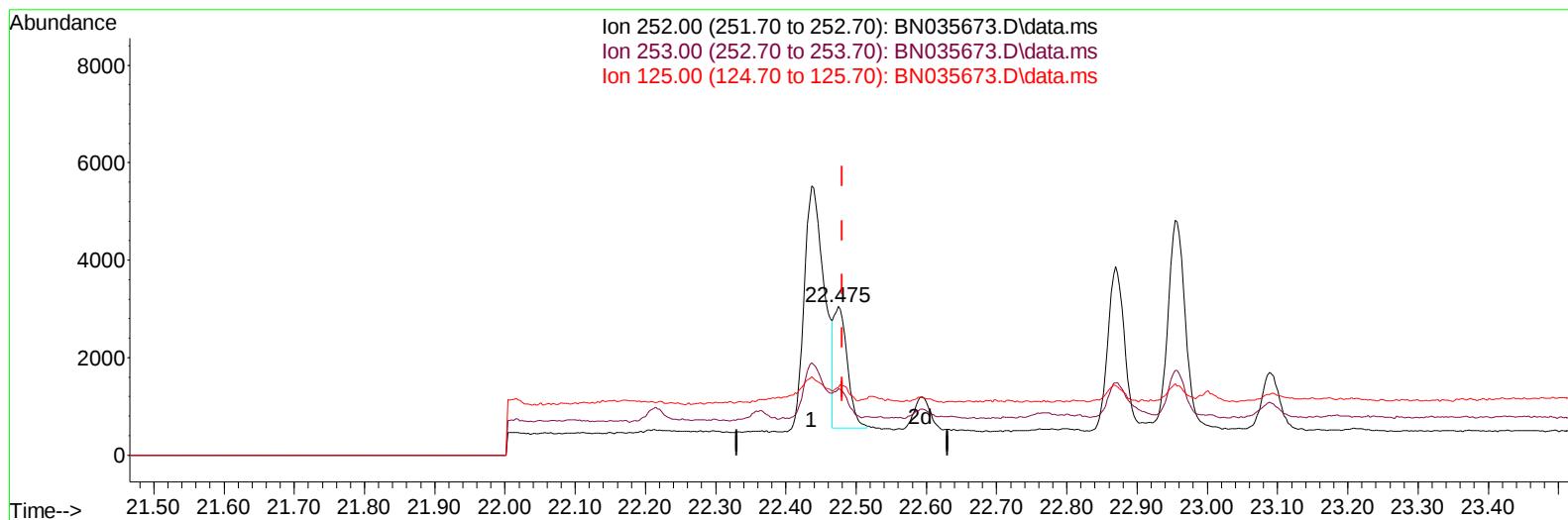
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035673.D
Acq On : 18 Dec 2024 16:55
Operator : RC/JU
Sample : P5155-20DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28W3DL

Manual IntegrationsAPPROVED

Quant Time: Dec 19 00:46:26 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: BN035673.D\data.ms

(25) Benzo(k)fluoranthene

22.475min (-0.006) 0.10 ng/u1 m

response 3293

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.60	44.62#
125.00	19.10	45.60#
0.00	0.00	0.00

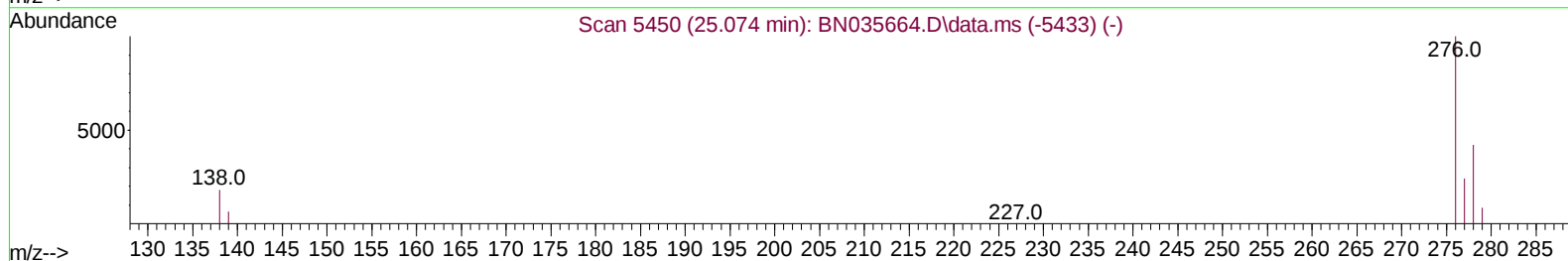
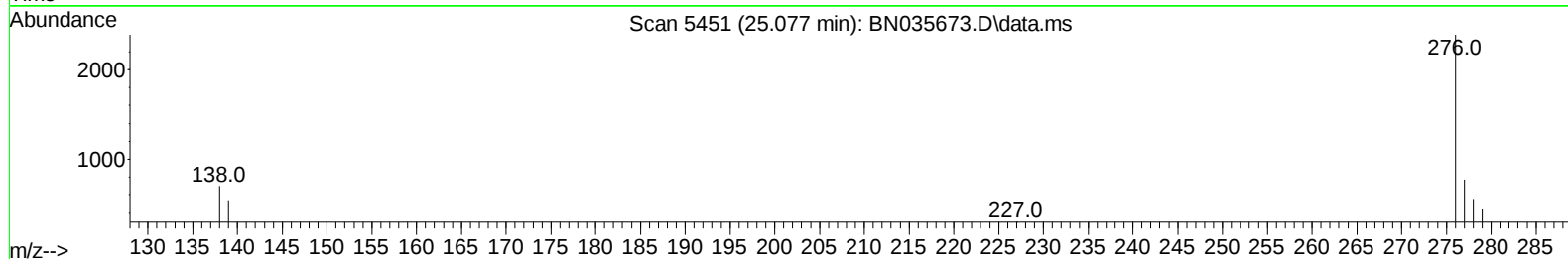
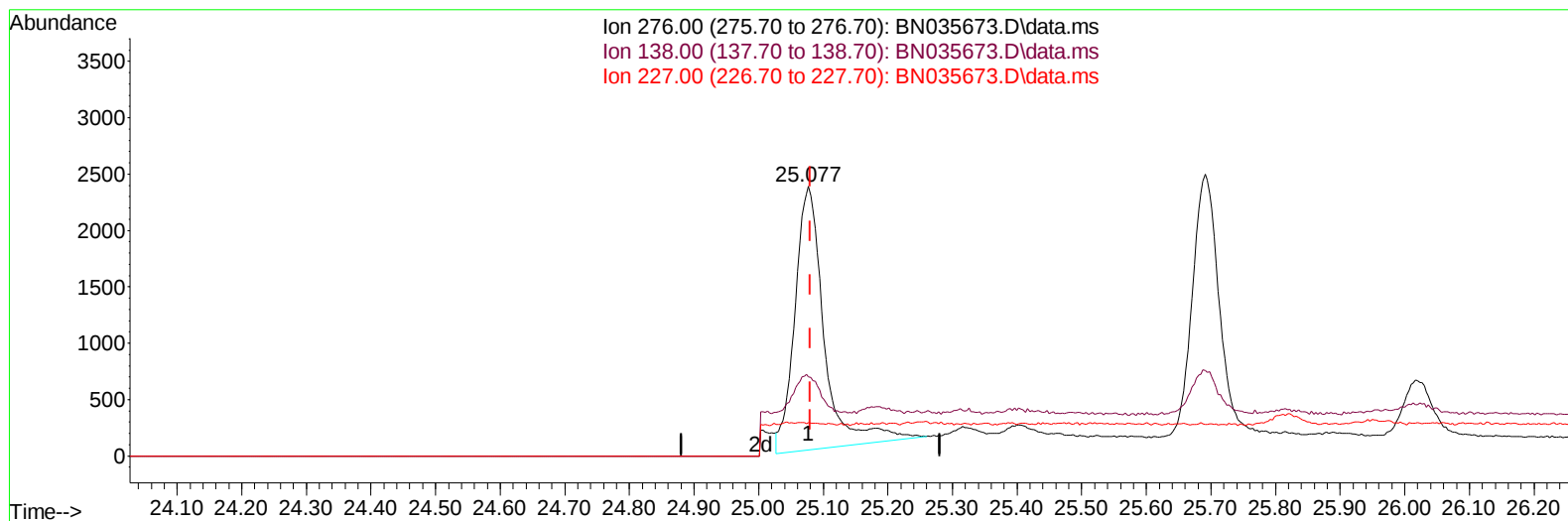
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035673.D
Acq On : 18 Dec 2024 16:55
Operator : RC/JU
Sample : P5155-20DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28W3DL

Manual IntegrationsAPPROVED

Quant Time: Dec 19 00:46:26 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: BN035673.D\data.ms

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

25.077min (-0.003) 0.20 ng/u1

response 7367

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

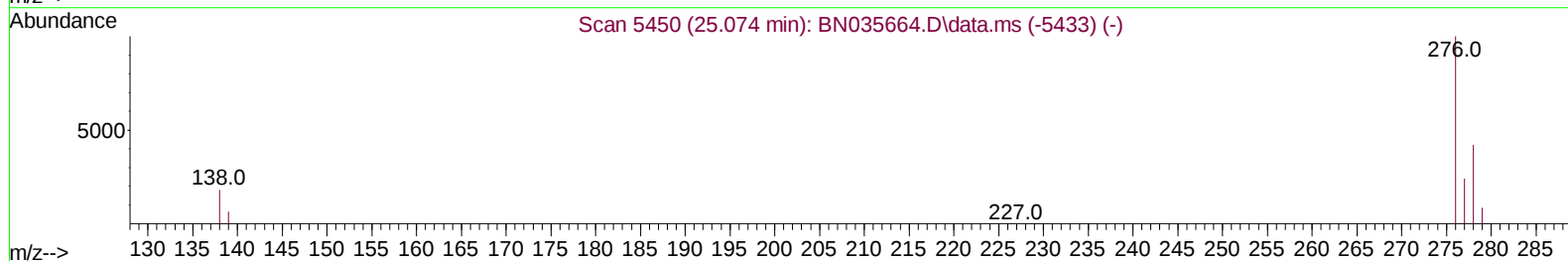
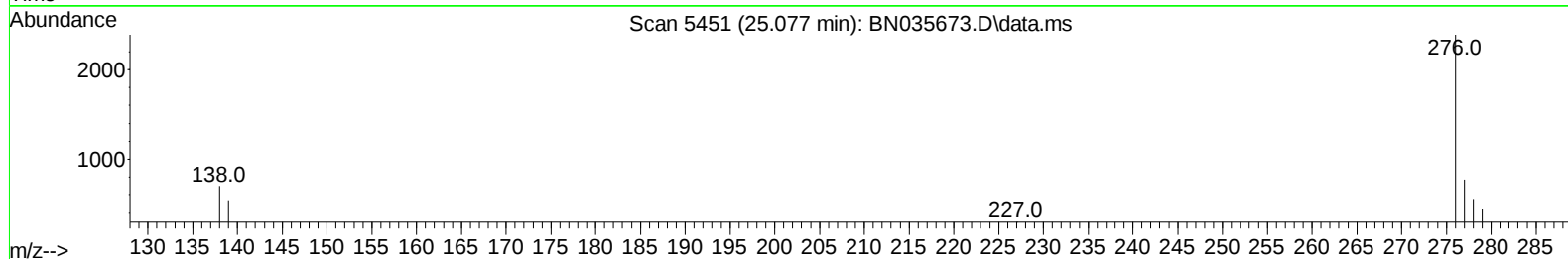
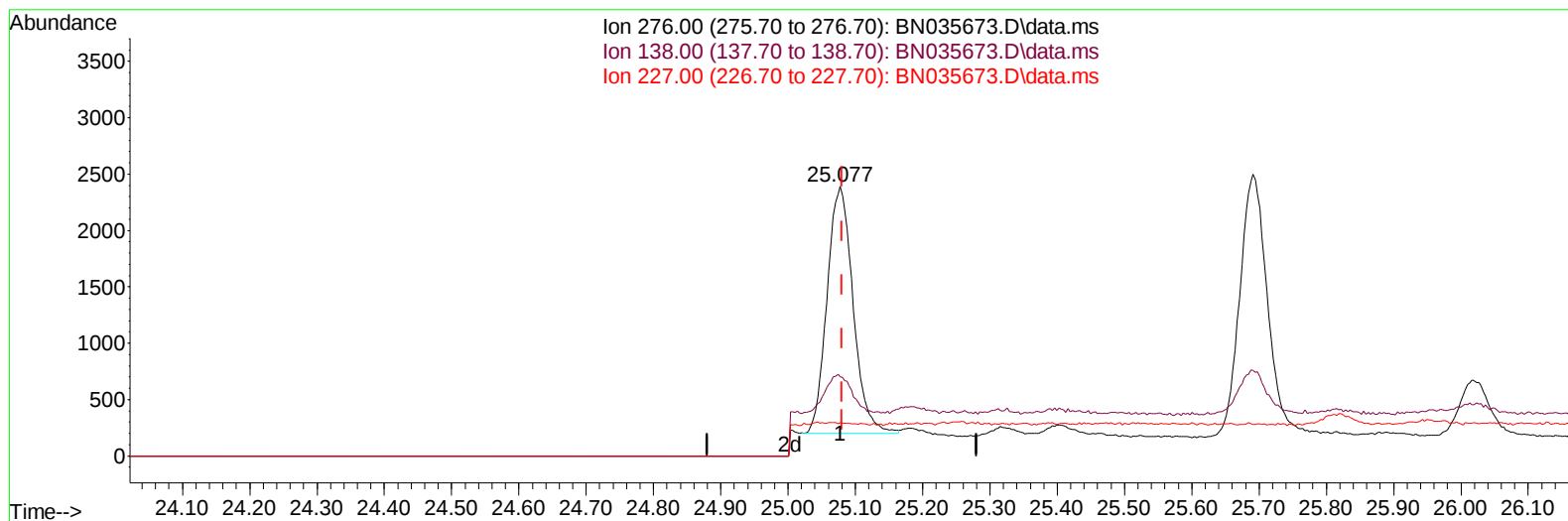
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035673.D
Acq On : 18 Dec 2024 16:55
Operator : RC/JU
Sample : P5155-20DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28W3DL

Manual IntegrationsAPPROVED

Quant Time: Dec 19 00:46:26 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: BN035673.D\data.ms

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

25.077min (-0.003) 0.16 ng/ul m

response 5886

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

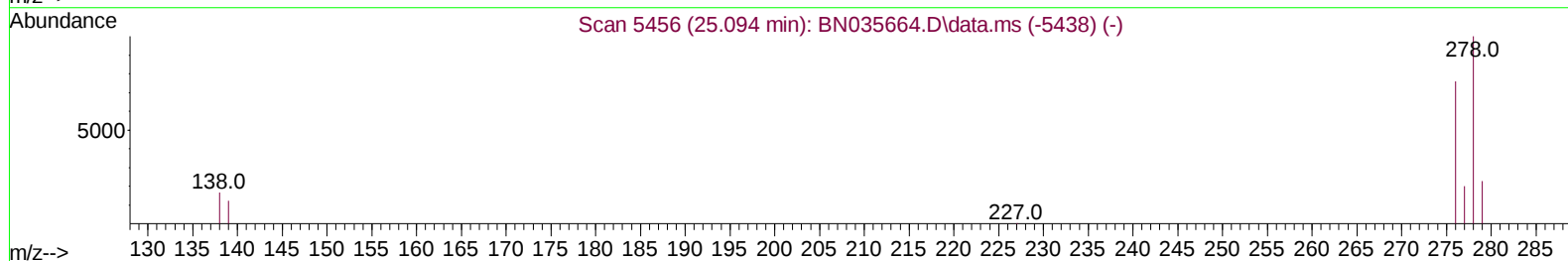
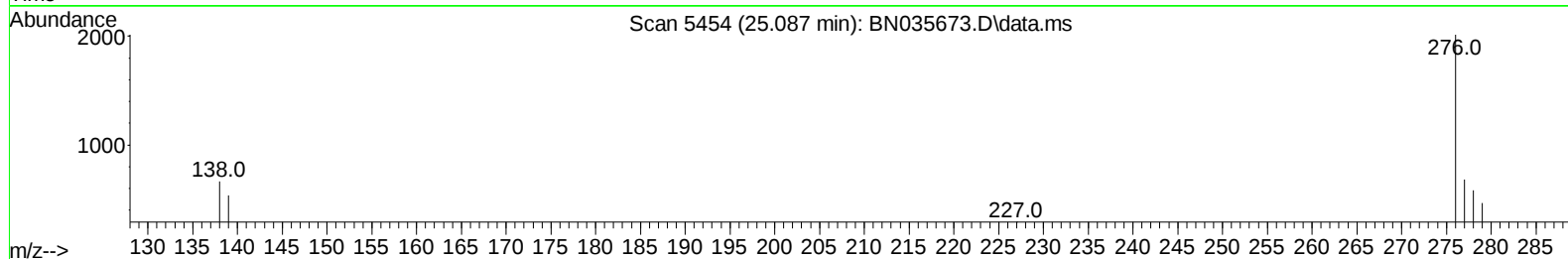
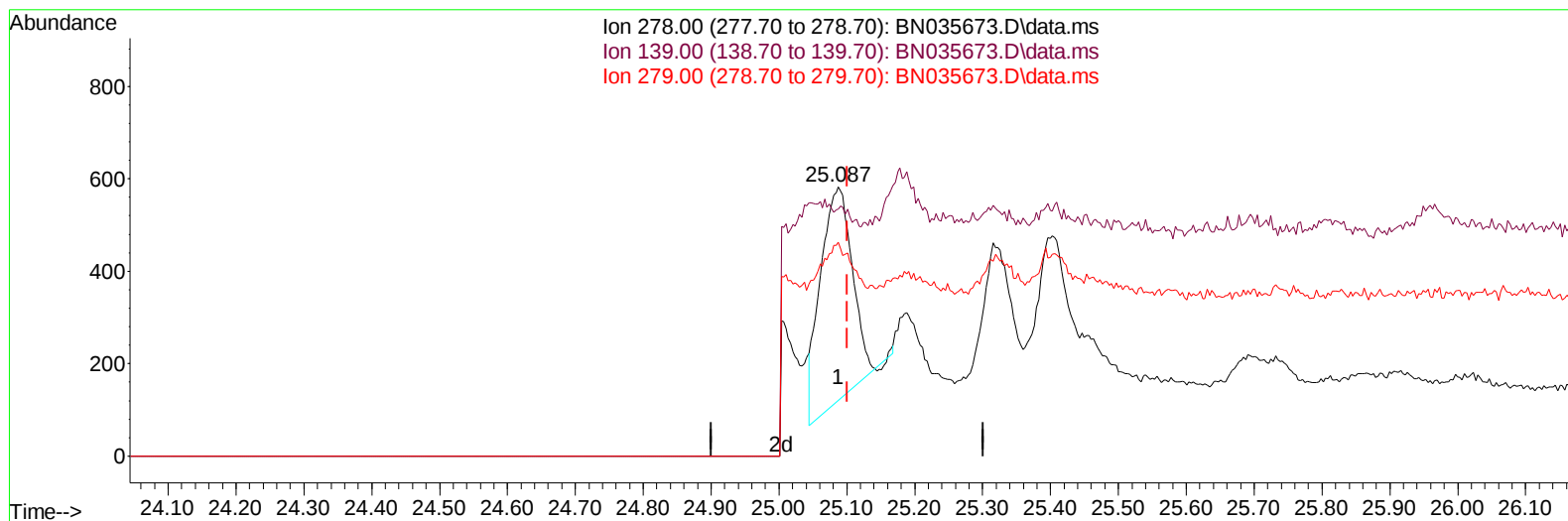
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035673.D
Acq On : 18 Dec 2024 16:55
Operator : RC/JU
Sample : P5155-20DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28W3DL

Manual IntegrationsAPPROVED

Quant Time: Dec 19 00:46:26 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: BN035673.D\data.ms

(28) Dibenzo(a,h)anthracene

25.087min (-0.013) 0.06 ng/u1

response 1531

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	24.80	91.77#
279.00	30.00	79.42#
0.00	0.00	0.00

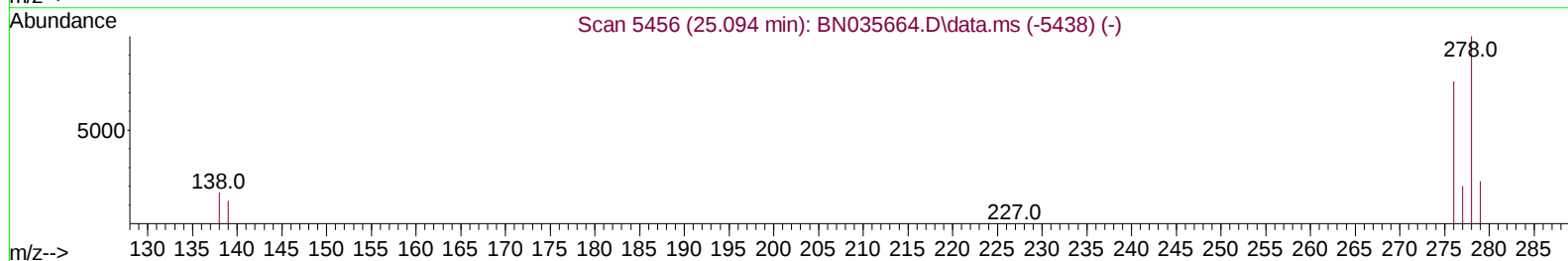
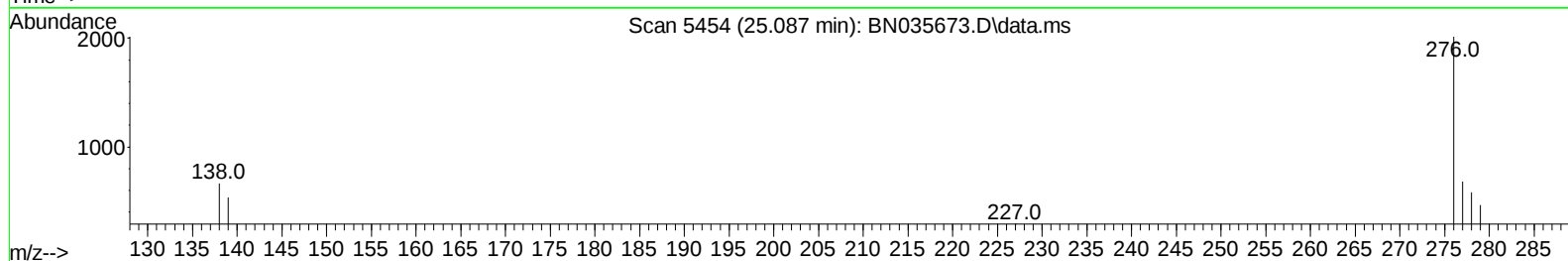
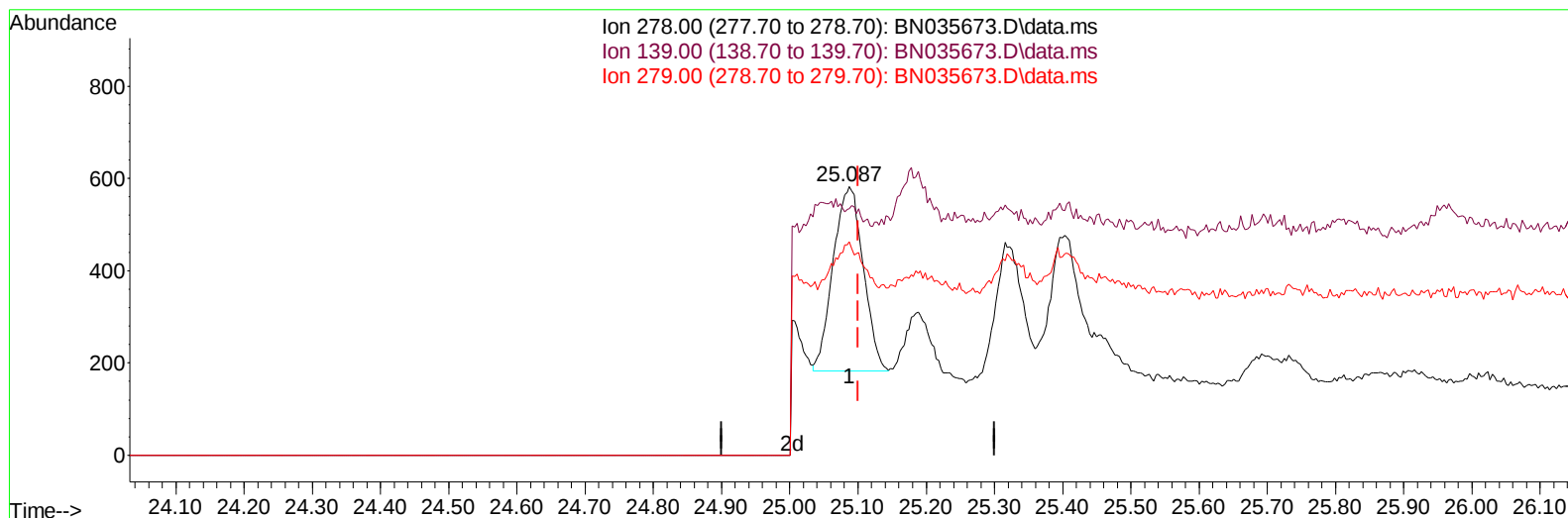
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035673.D
Acq On : 18 Dec 2024 16:55
Operator : RC/JU
Sample : P5155-20DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28W3DL

Manual IntegrationsAPPROVED

Quant Time: Dec 19 00:46:26 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: BN035673.D\data.ms

(28) Dibenzo(a,h)anthracene

25.087min (-0.013) 0.04 ng/u1 m

response 1231

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	24.80	91.77#
279.00	30.00	79.42#
0.00	0.00	0.00

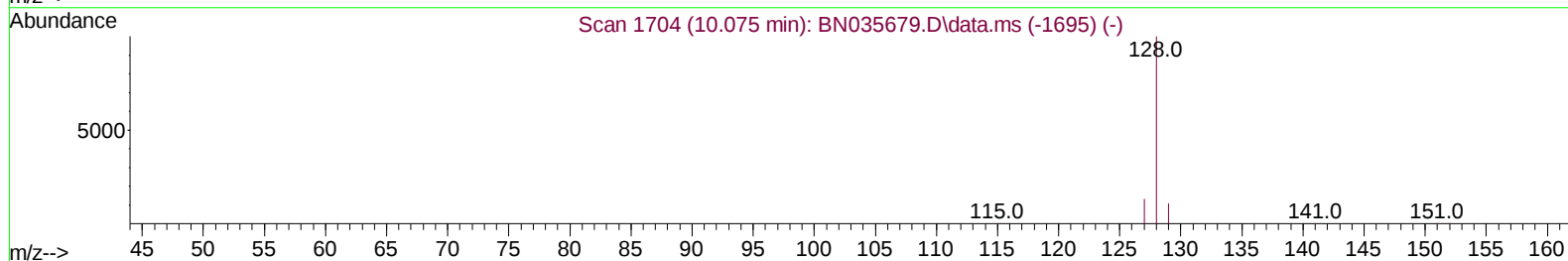
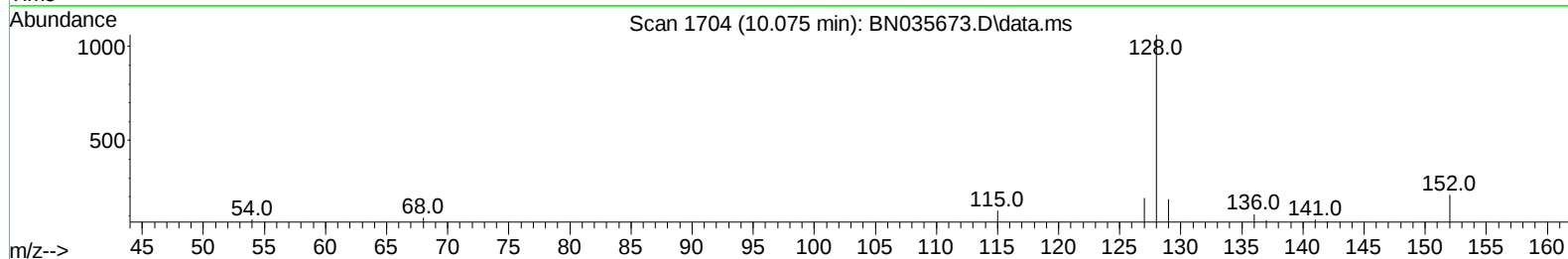
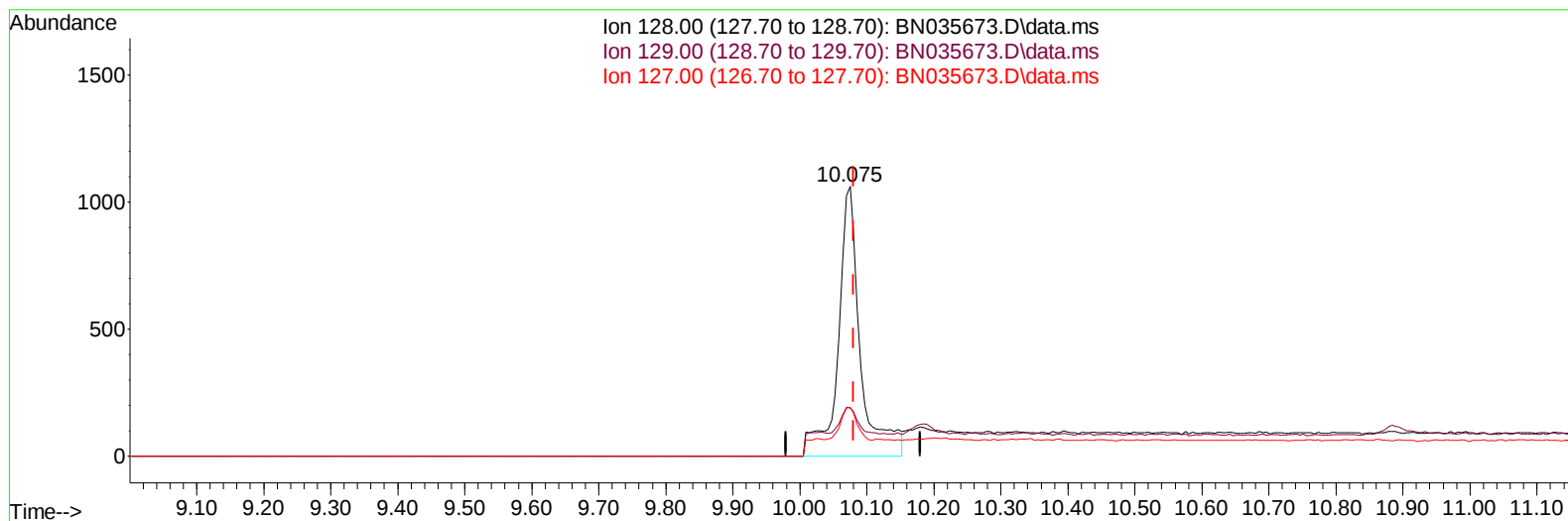
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035673.D
Acq On : 18 Dec 2024 16:55
Operator : RC/JU
Sample : P5155-20DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28W3DL

Manual IntegrationsAPPROVED

Quant Time: Dec 19 00:46:26 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: BN035673.D\data.ms

(5) Naphthalene

10.075min (-0.005) 0.13 ng/u1

response 2417

Ion	Exp%	Act%
128.00	100.00	100.00
129.00	13.50	17.80#
127.00	15.00	18.17#
0.00	0.00	0.00

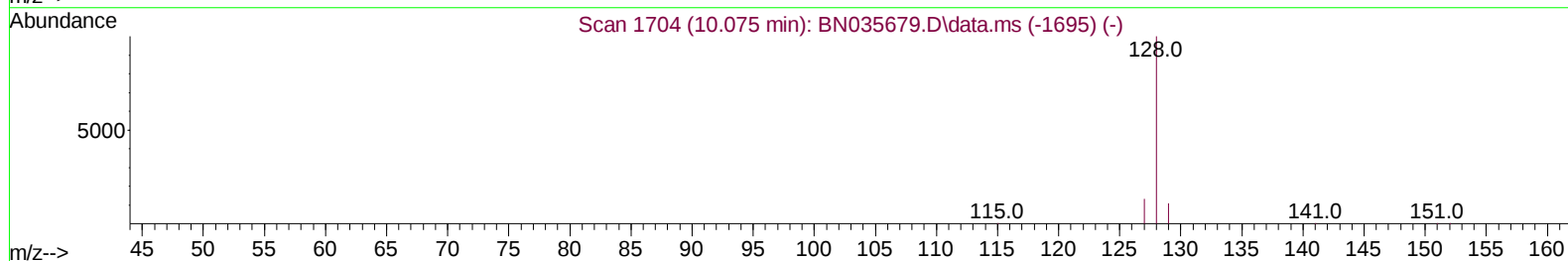
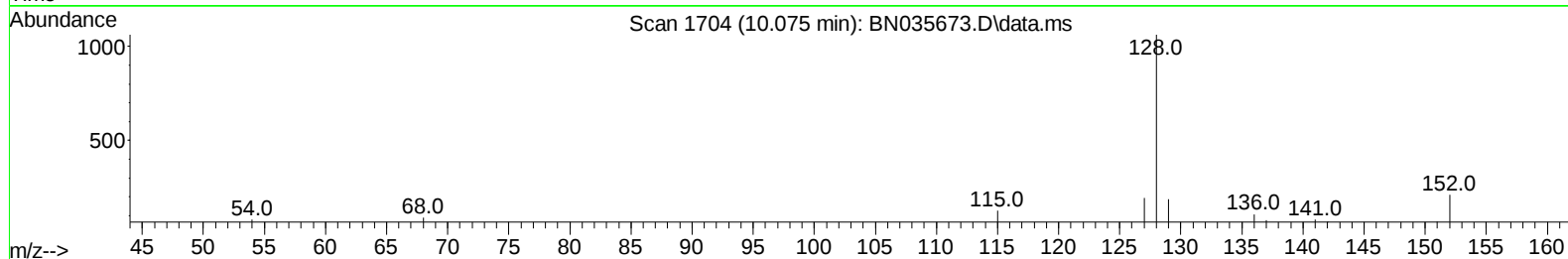
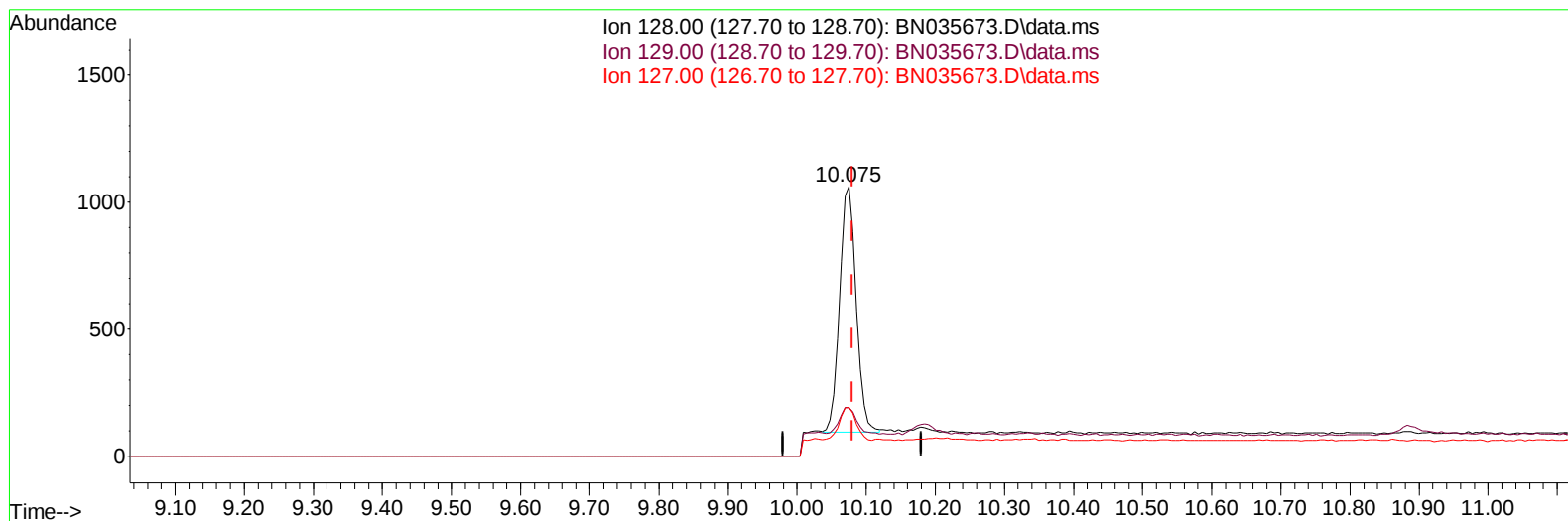
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035673.D
Acq On : 18 Dec 2024 16:55
Operator : RC/JU
Sample : P5155-20DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28W3DL

Manual IntegrationsAPPROVED

Quant Time: Dec 19 00:46:26 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: BN035673.D\data.ms

(5) Naphthalene

10.075min (-0.005) 0.09 ng/u1 m

response 1596

Ion	Exp%	Act%
128.00	100.00	100.00
129.00	13.50	17.80#
127.00	15.00	18.17#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
 Data File : BN035673.D
 Acq On : 18 Dec 2024 16:55
 Operator : RC/JU
 Sample : P5155-20DL 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28W3DL

Manual IntegrationsAPPROVED

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

Quant Time: Dec 19 00:46:26 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.280	152	2627	0.400	ng/ul	0.00
4) Naphthalene-d8	10.025	136	7534	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.944	164	5151	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.713	188	10633	0.400	ng/ul	0.00
17) Chrysene-d12	20.958	240	9041	0.400	ng/ul	0.00
23) Perylene-d12	23.048	264	10411	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.955	96	1824	0.783	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.631	152	485	0.045	ng/ul	0.00
18) Fluoranthene-d10	18.767	212	947	0.036	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.075	128	1596m	0.086	ng/ul	
7) 2-Methylnaphthalene	11.708	142	517	0.042	ng/ul	99
8) 1-Methylnaphthalene	11.934	142	296	0.023	ng/ul	92
10) Acenaphthylene	13.657	152	419	0.021	ng/ul#	58
15) Phenanthrene	16.755	178	3732	0.140	ng/ul	96
16) Anthracene	16.848	178	732	0.029	ng/ul#	72
19) Fluoranthene	18.795	202	7062	0.218	ng/ul	96
20) Pyrene	19.162	202	7574	0.213	ng/ul	96
21) Benzo(a)anthracene	20.944	228	4585	0.153	ng/ul#	92
22) Chrysene	20.996	228	6062	0.195	ng/ul#	93
24) Benzo(b)fluoranthene	22.437	252	10171m	0.332	ng/ul	
25) Benzo(k)fluoranthene	22.475	252	3293m	0.097	ng/ul	
26) Benzo(a)pyrene	22.954	252	7454	0.251	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	25.077	276	5886m	0.163	ng/ul	
28) Dibenzo(a,h)anthracene	25.087	278	1231m	0.045	ng/ul	
29) Benzo(g,h,i)perylene	25.691	276	6802	0.234	ng/ul#	91

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035673.D
Acq On : 18 Dec 2024 16:55
Operator : RC/JU
Sample : P5155-20DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28W3DL

Manual IntegrationsAPPROVED

Quant Time: Dec 19 00:46:26 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

