

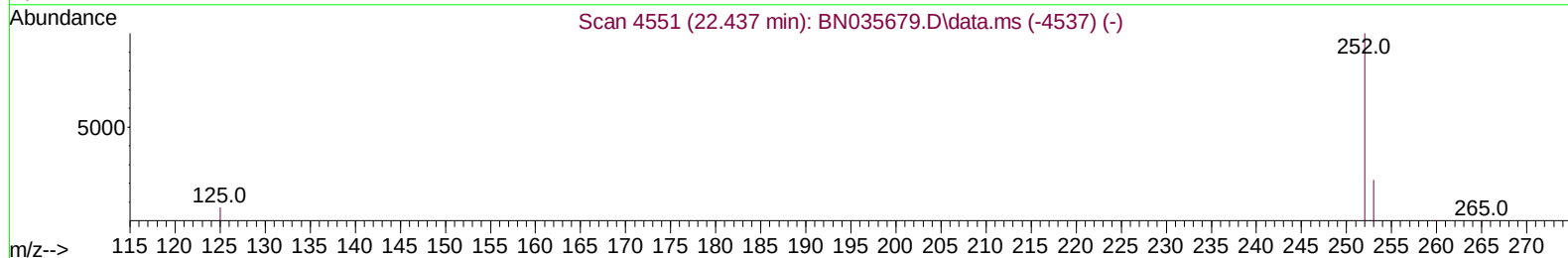
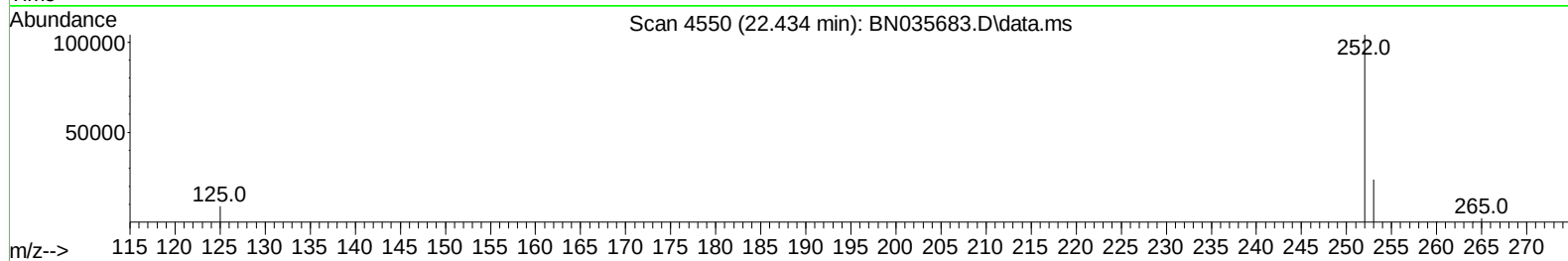
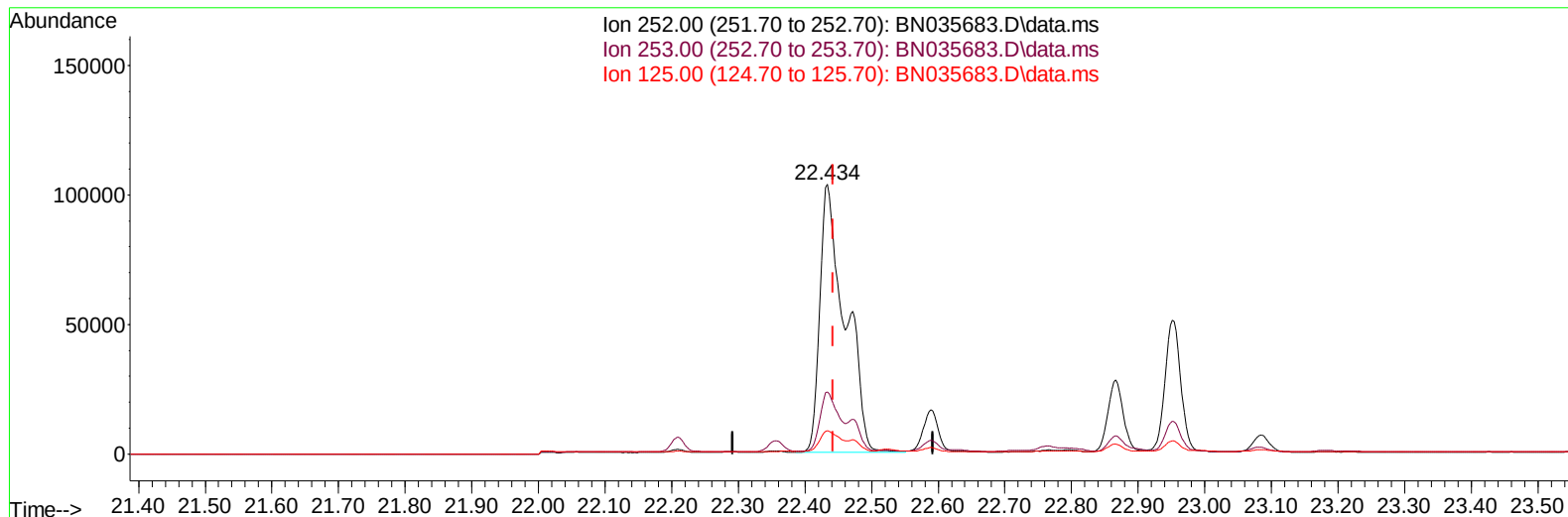
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035683.D
Acq On : 18 Dec 2024 23:30
Operator : RC/JU
Sample : P5258-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28X1

Manual IntegrationsAPPROVED

Quant Time: Dec 19 01:54:35 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: BN035683.D\data.ms

(24) Benzo(b)fluoranthene

22.434min (-0.009) 10.12 ng/u1

response 273726

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.20	22.95
125.00	18.80	8.63
0.00	0.00	0.00

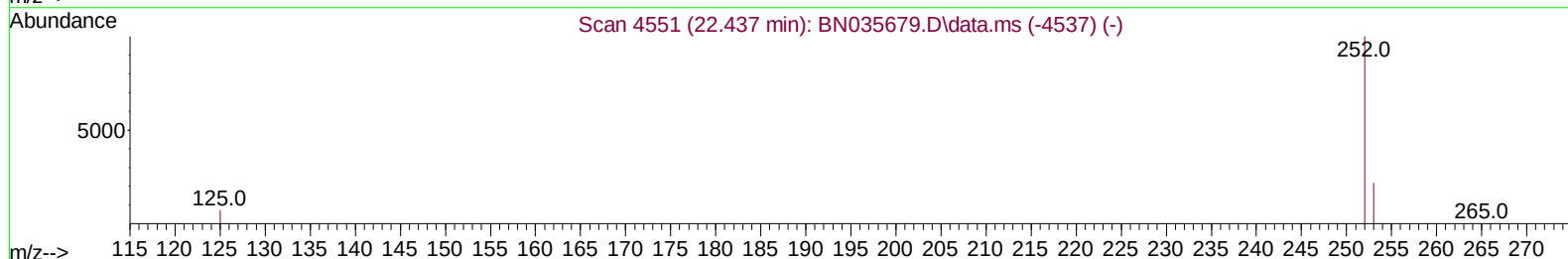
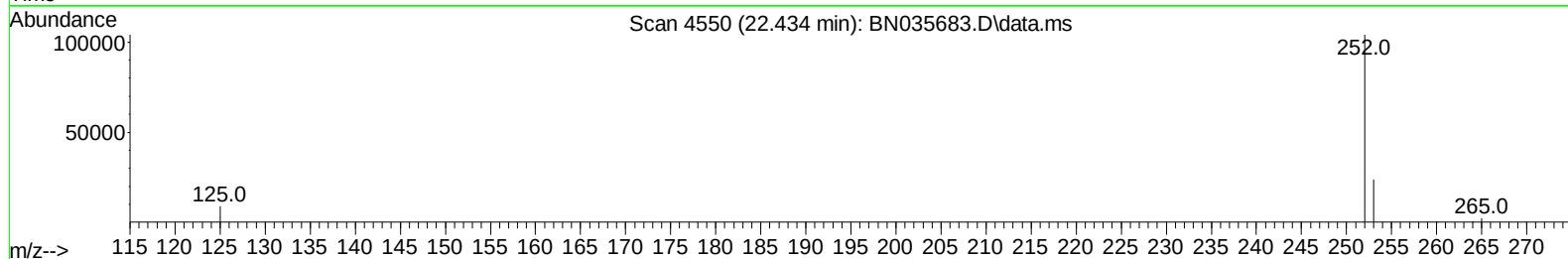
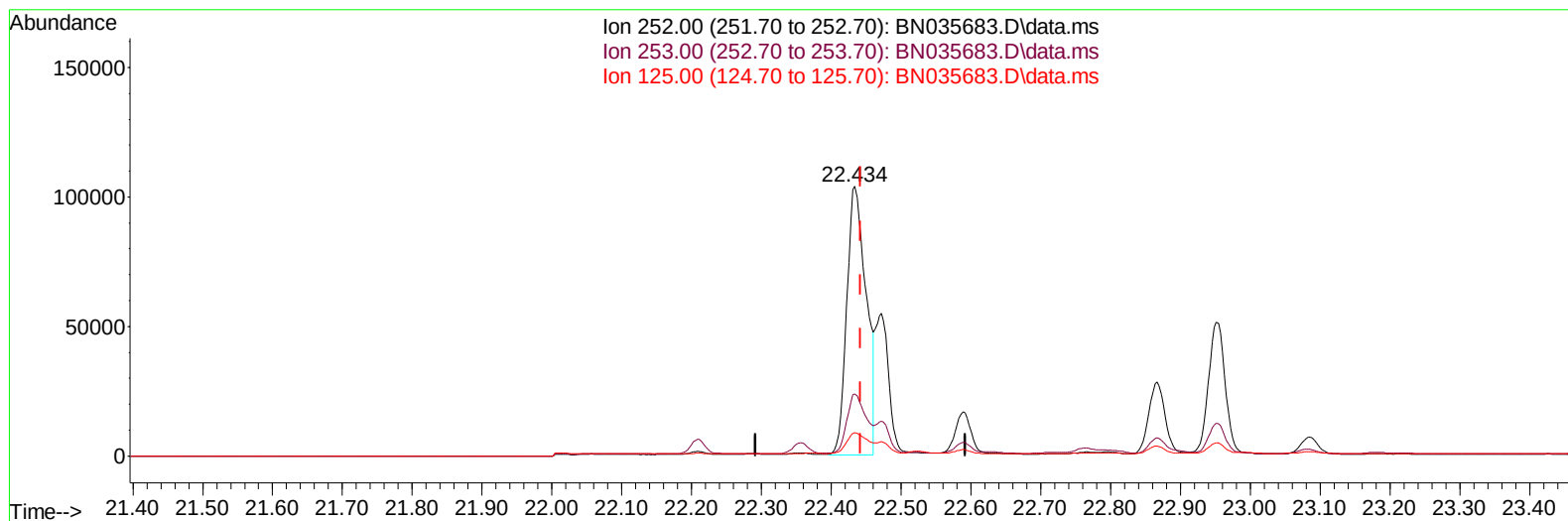
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035683.D
Acq On : 18 Dec 2024 23:30
Operator : RC/JU
Sample : P5258-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28X1

Manual IntegrationsAPPROVED

Quant Time: Dec 19 01:54:35 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: BN035683.D\data.ms

(24) Benzo(b)fluoranthene

22.434min (-0.009) 7.42 ng/ul m

response 200921

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.20	22.95
125.00	18.80	8.63
0.00	0.00	0.00

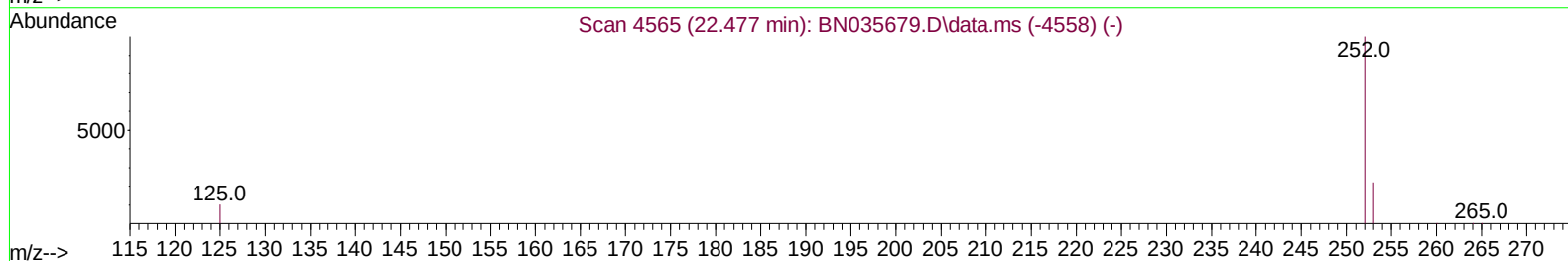
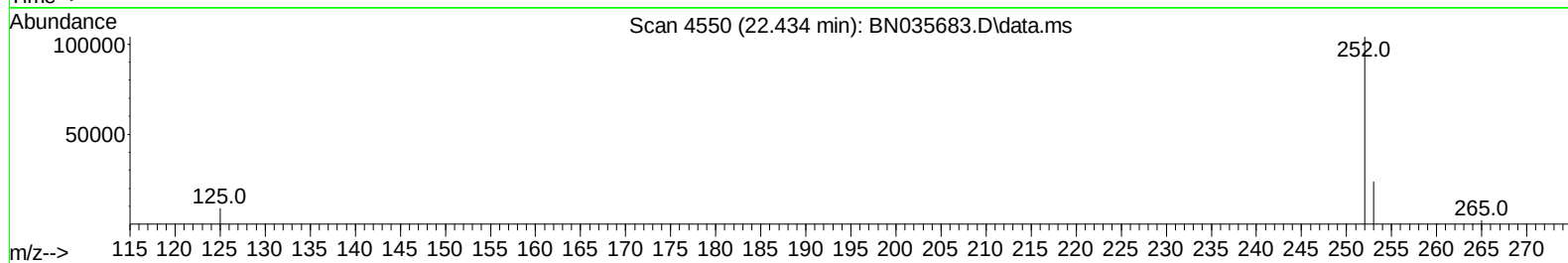
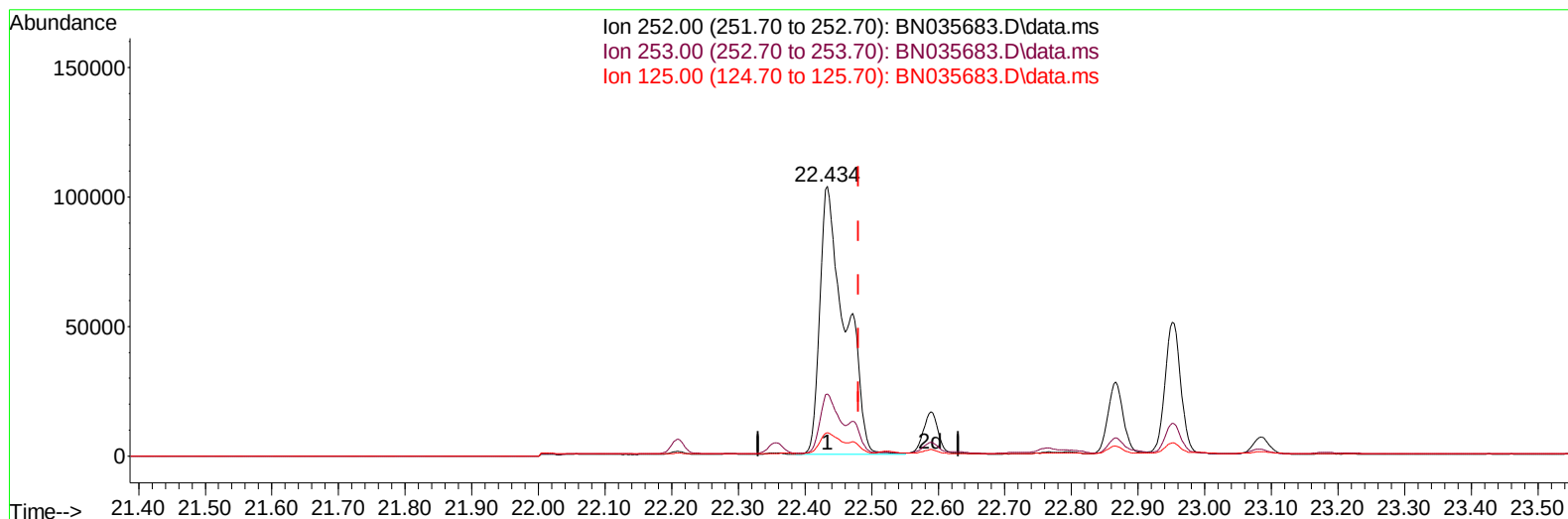
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035683.D
Acq On : 18 Dec 2024 23:30
Operator : RC/JU
Sample : P5258-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28X1

Manual IntegrationsAPPROVED

Quant Time: Dec 19 01:54:35 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: BN035683.D\data.ms

(25) Benzo(k)fluoranthene

22.434min (-0.047) 9.14 ng/u1

response 273726

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.60	22.95
125.00	19.10	8.63#
0.00	0.00	0.00

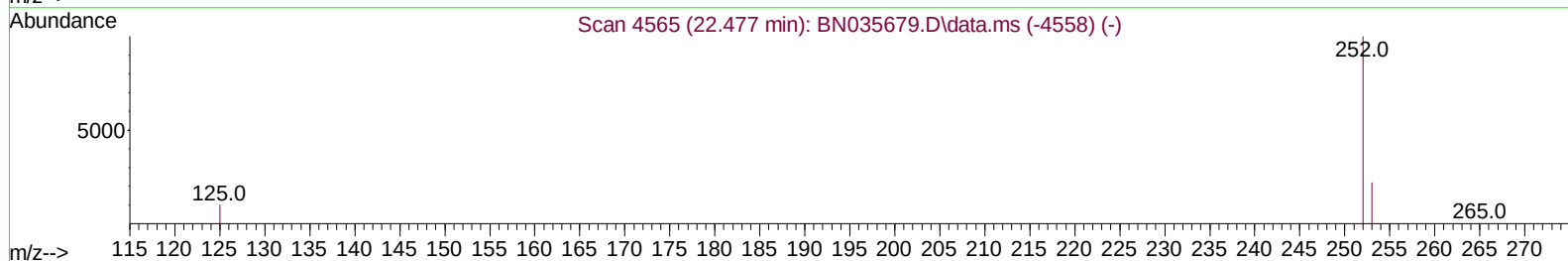
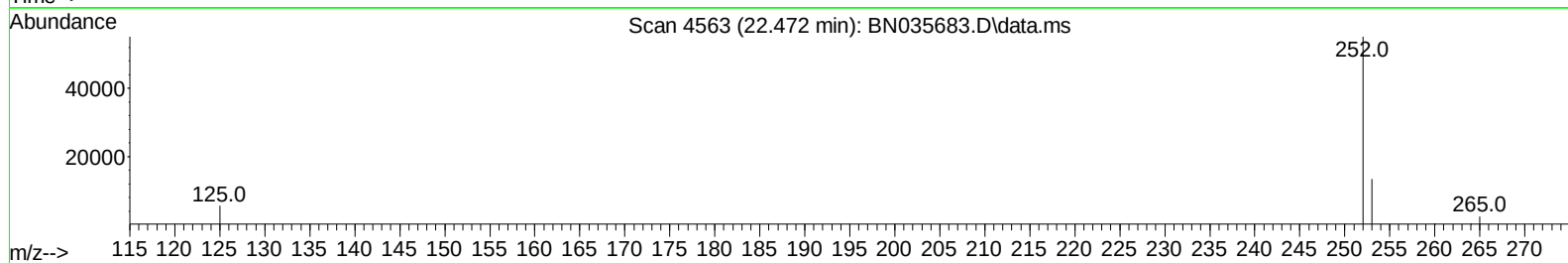
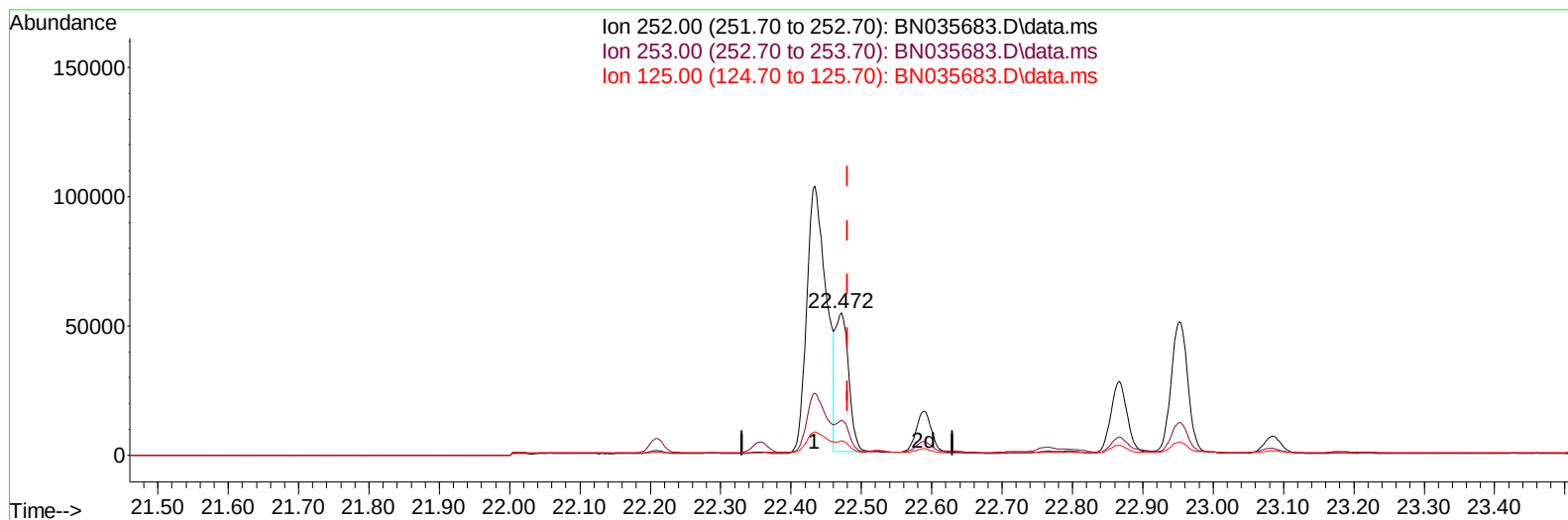
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035683.D
Acq On : 18 Dec 2024 23:30
Operator : RC/JU
Sample : P5258-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28X1

Manual IntegrationsAPPROVED

Quant Time: Dec 19 01:54:35 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: BN035683.D\data.ms

(25) Benzo(k)fluoranthene

22.472min (-0.009) 2.33 ng/ul m

response 69799

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.60	24.38
125.00	19.10	10.08#
0.00	0.00	0.00

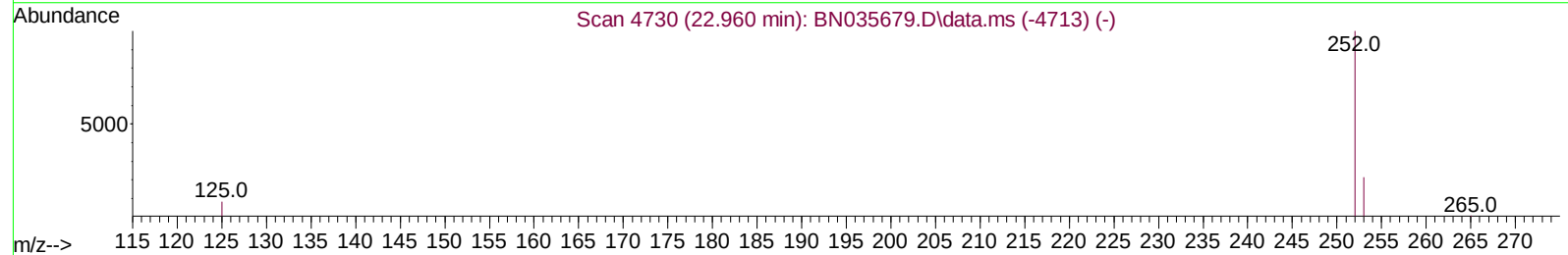
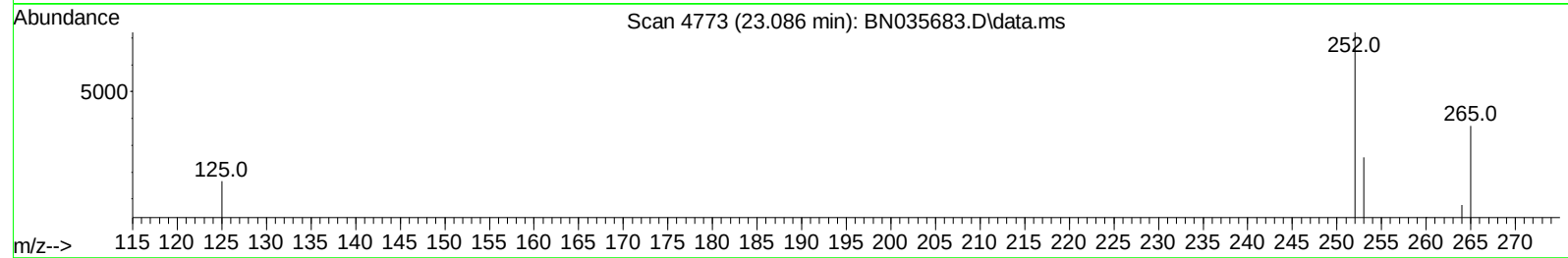
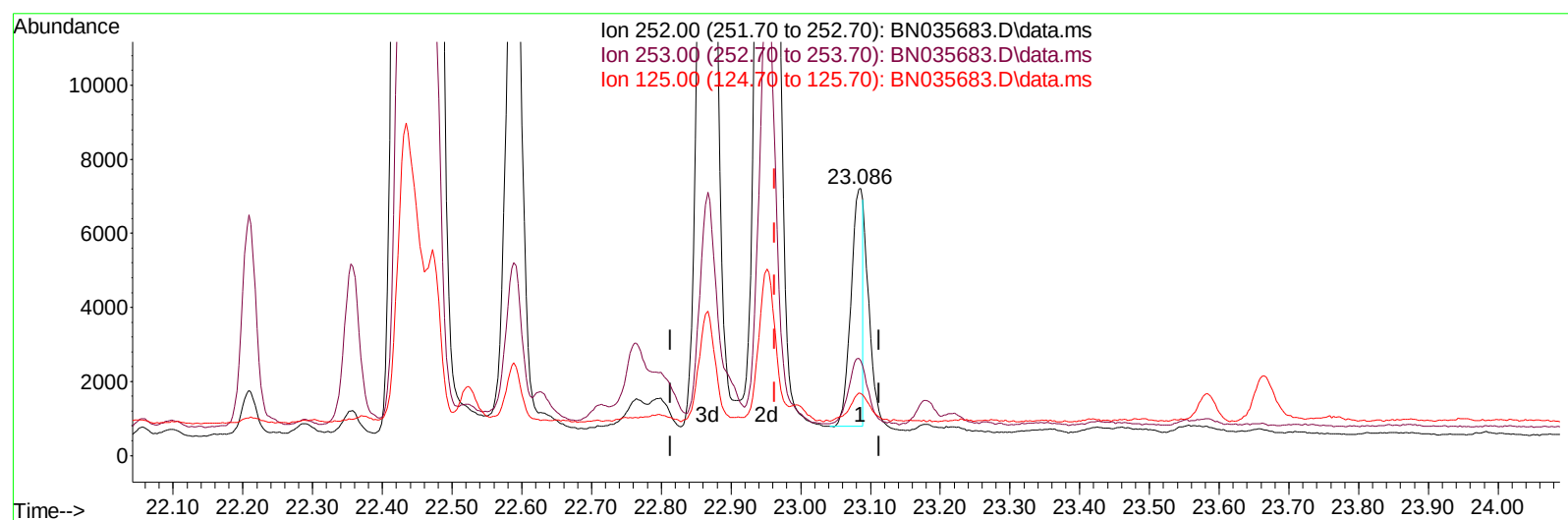
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035683.D
Acq On : 18 Dec 2024 23:30
Operator : RC/JU
Sample : P5258-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28X1

Manual IntegrationsAPPROVED

Quant Time: Dec 19 01:54:35 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: BN035683.D\data.ms

(26) Benzo(a)pyrene (C)

23.086min (+ 0.123) 0.29 ng/u1

response 7639

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	30.10	35.43
125.00	23.90	23.22
0.00	0.00	0.00

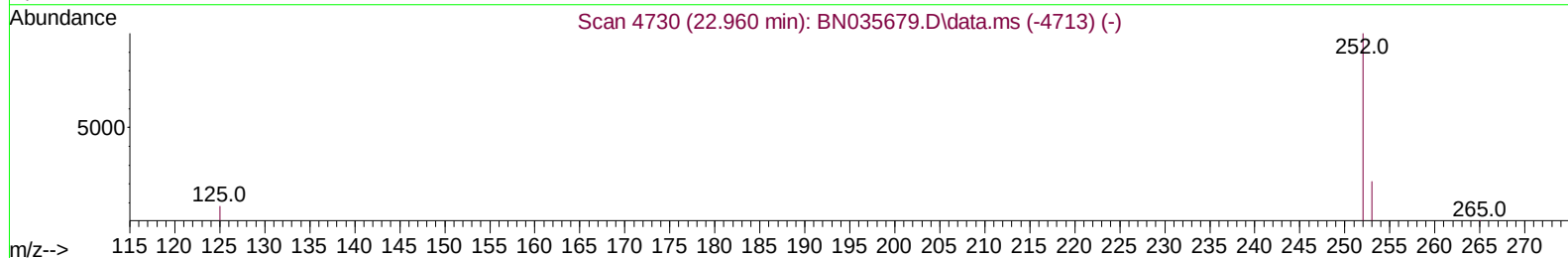
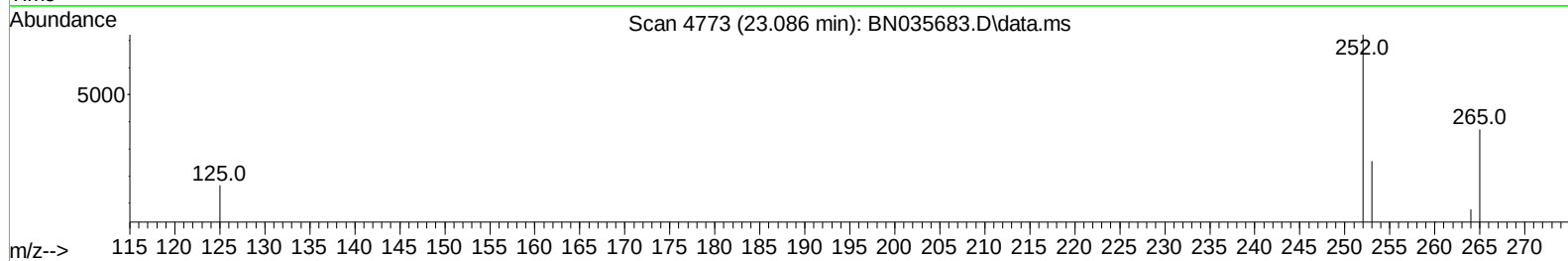
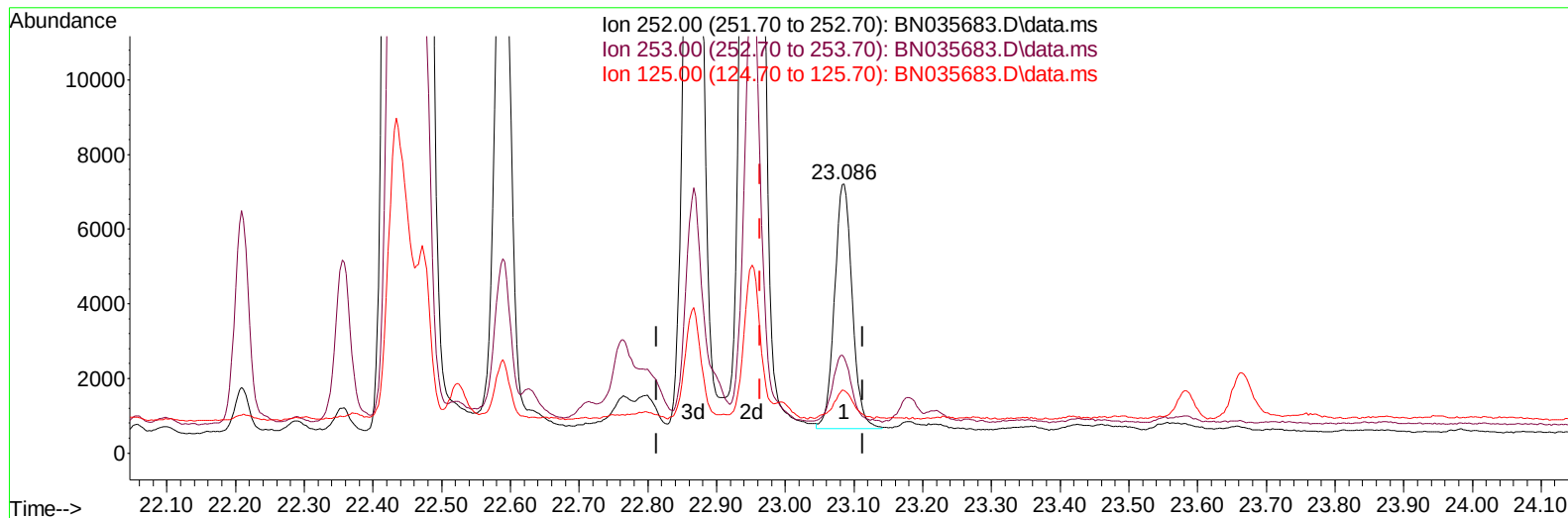
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035683.D
Acq On : 18 Dec 2024 23:30
Operator : RC/JU
Sample : P5258-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28X1

Manual IntegrationsAPPROVED

Quant Time: Dec 19 01:54:35 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: BN035683.D\data.ms

(26) Benzo(a)pyrene (C)

23.086min (+ 0.123) 0.45 ng/ul m

response 11737

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	30.10	35.43
125.00	23.90	23.22
0.00	0.00	0.00

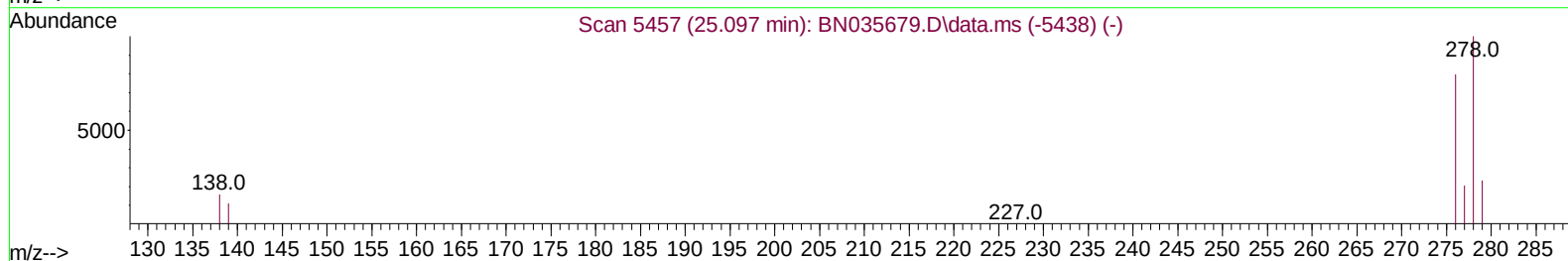
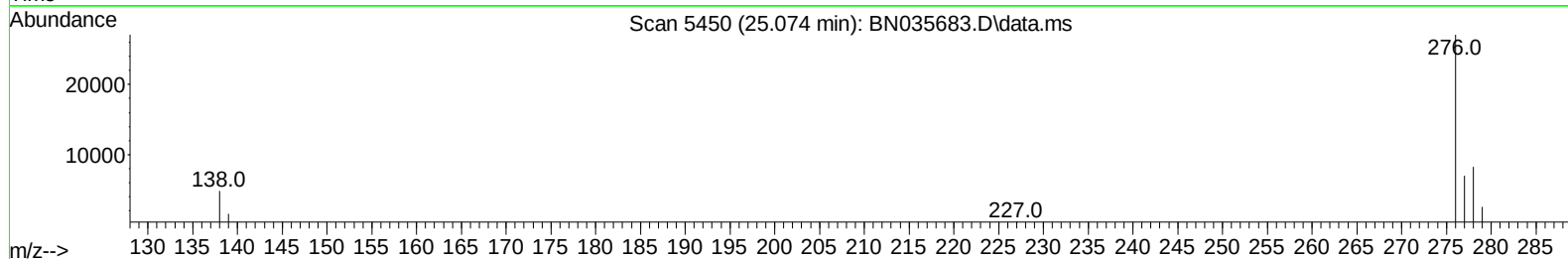
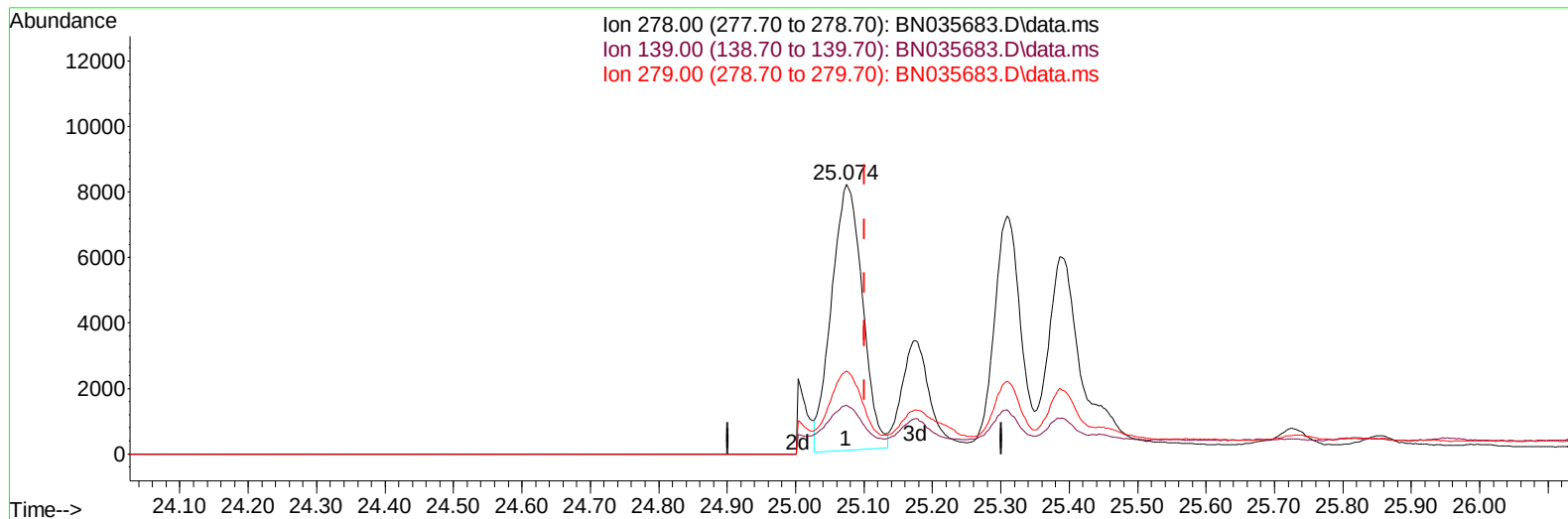
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035683.D
Acq On : 18 Dec 2024 23:30
Operator : RC/JU
Sample : P5258-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28X1

Manual IntegrationsAPPROVED

Quant Time: Dec 19 01:54:35 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: BN035683.D\data.ms

(28) Dibenzo(a,h)anthracene

25.074min (-0.027) 1.05 ng/u1

response 25585

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	24.80	18.05#
279.00	30.00	30.81
0.00	0.00	0.00

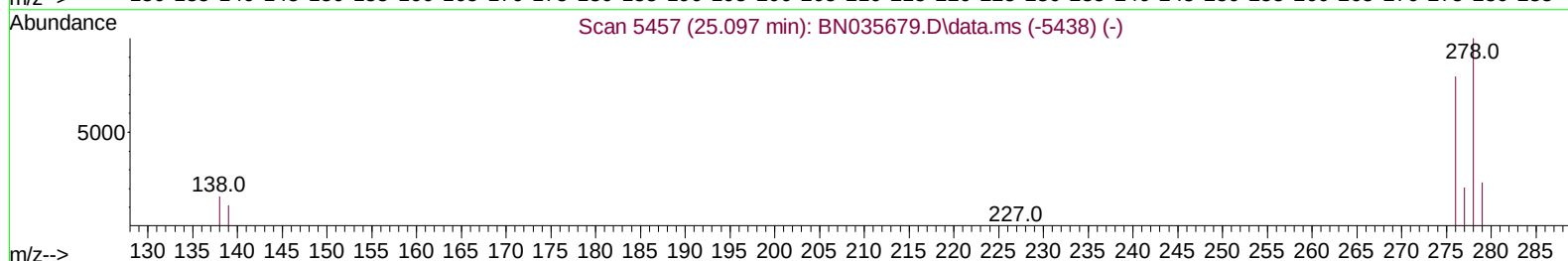
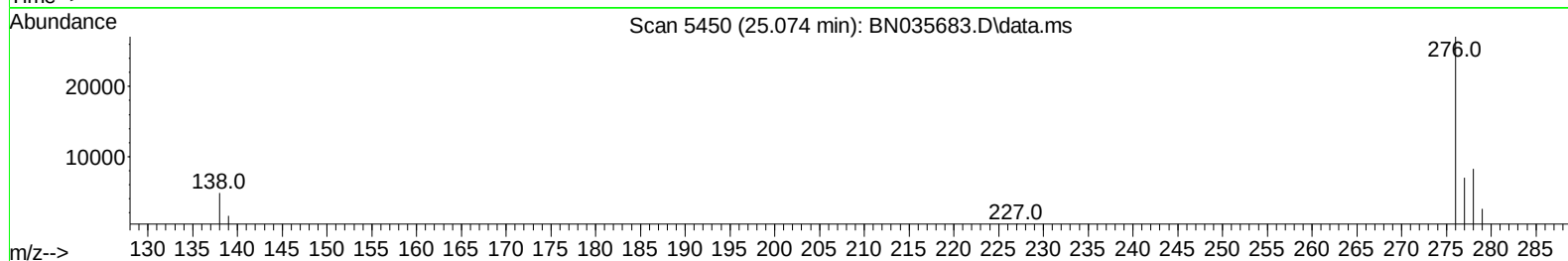
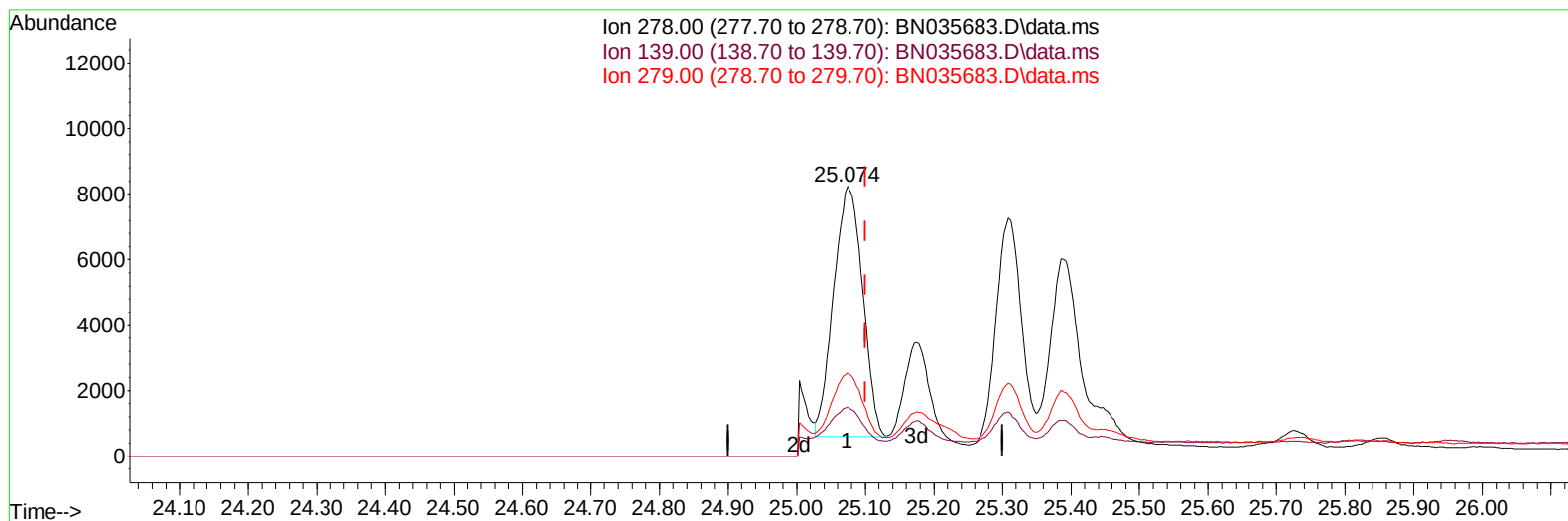
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035683.D
Acq On : 18 Dec 2024 23:30
Operator : RC/JU
Sample : P5258-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28X1

Manual IntegrationsAPPROVED

Quant Time: Dec 19 01:54:35 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: BN035683.D\data.ms

(28) Dibenzo(a,h)anthracene

25.074min (-0.027) 0.92 ng/ul m

response 22536

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	24.80	18.05#
279.00	30.00	30.81
0.00	0.00	0.00

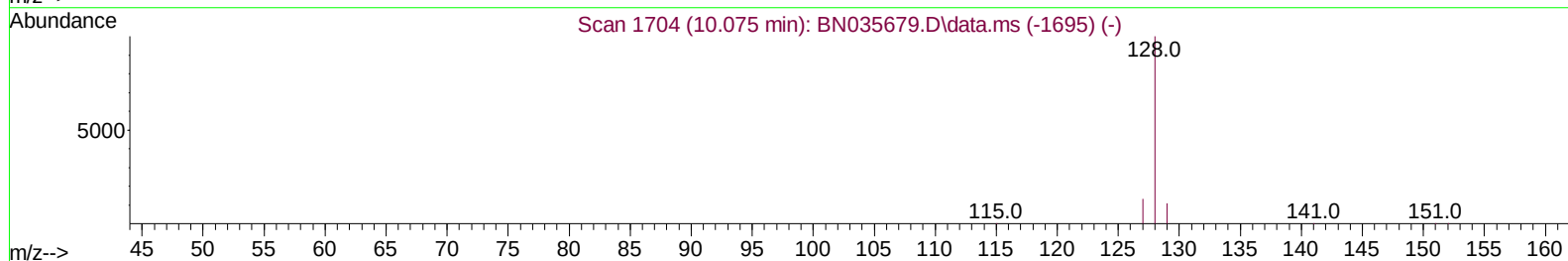
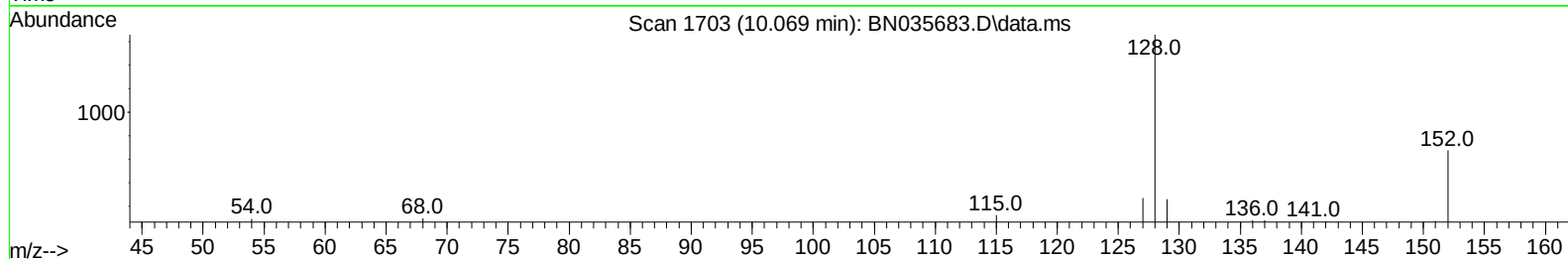
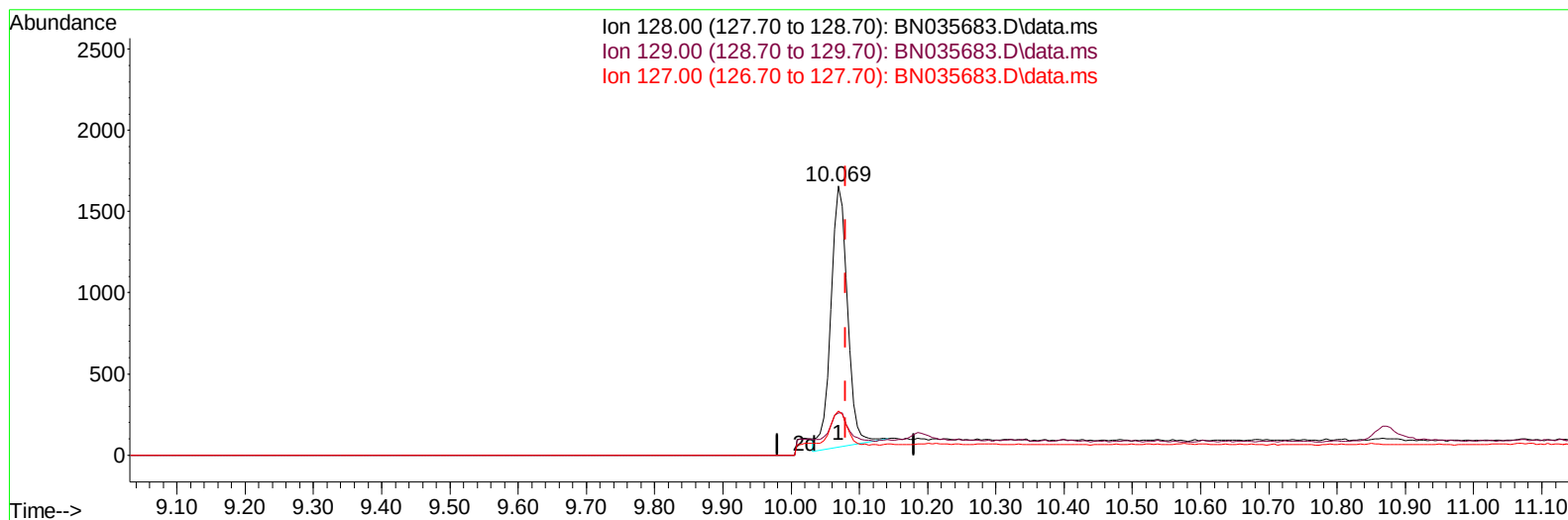
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035683.D
Acq On : 18 Dec 2024 23:30
Operator : RC/JU
Sample : P5258-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28X1

Manual IntegrationsAPPROVED

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

Quant Time: Dec 19 01:54:35 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: BN035683.D\data.ms

(5) Naphthalene

10.069min (-0.011) 0.15 ng/u1

response 2729

Ion	Exp%	Act%
128.00	100.00	100.00
129.00	13.50	15.63
127.00	15.00	16.48
0.00	0.00	0.00

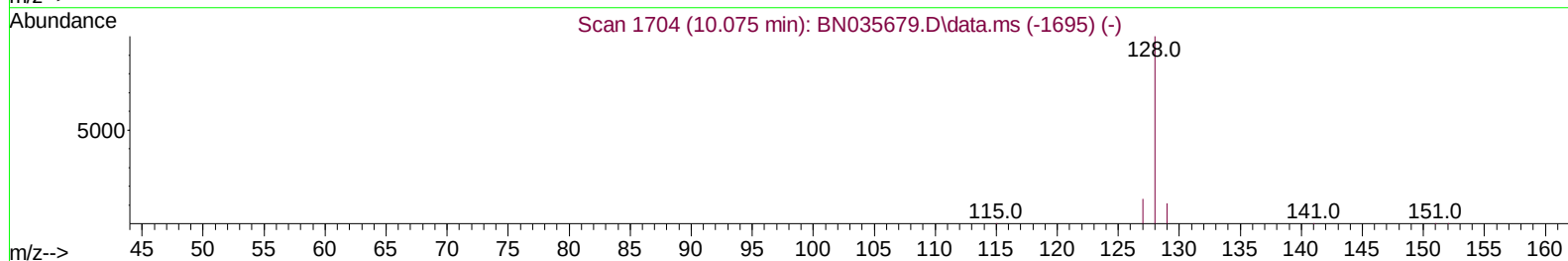
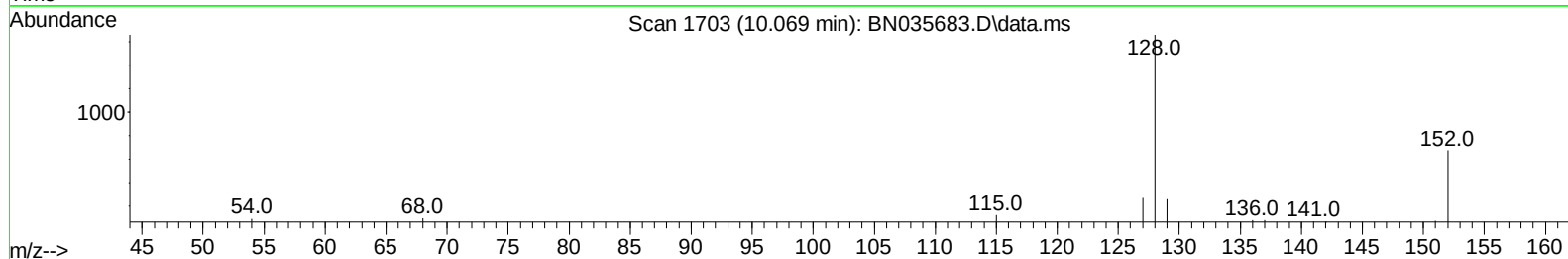
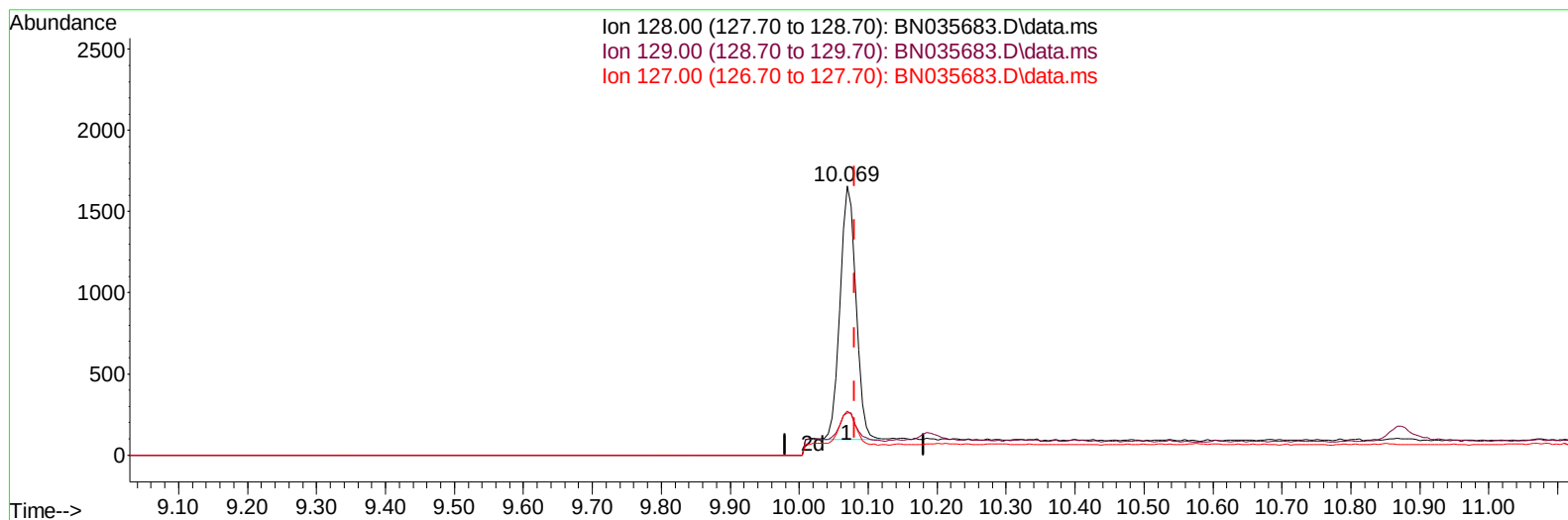
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035683.D
Acq On : 18 Dec 2024 23:30
Operator : RC/JU
Sample : P5258-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28X1

Manual IntegrationsAPPROVED

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

Quant Time: Dec 19 01:54:35 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: BN035683.D\data.ms

(5) Naphthalene

10.069min (-0.011) 0.14 ng/ul m

response 2494

Ion	Exp%	Act%
128.00	100.00	100.00
129.00	13.50	15.63
127.00	15.00	16.48
0.00	0.00	0.00

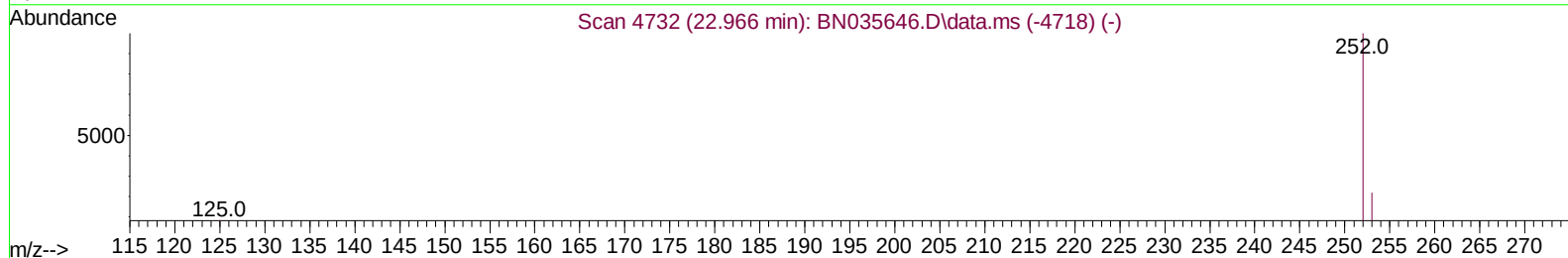
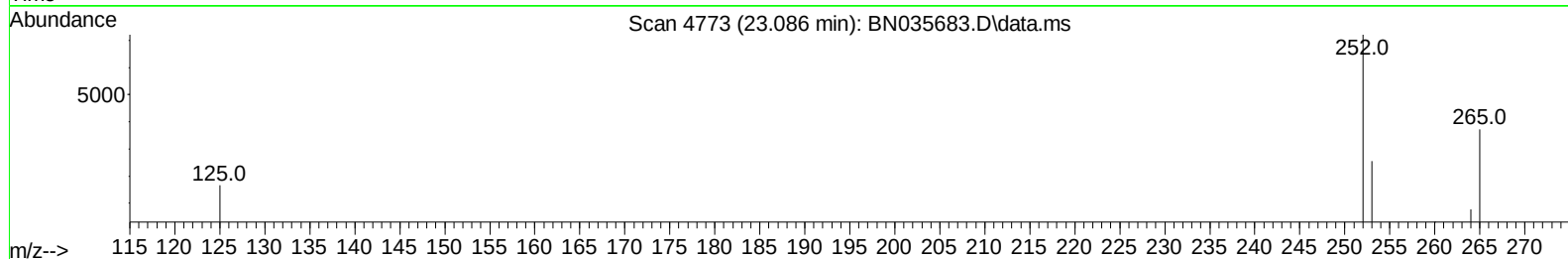
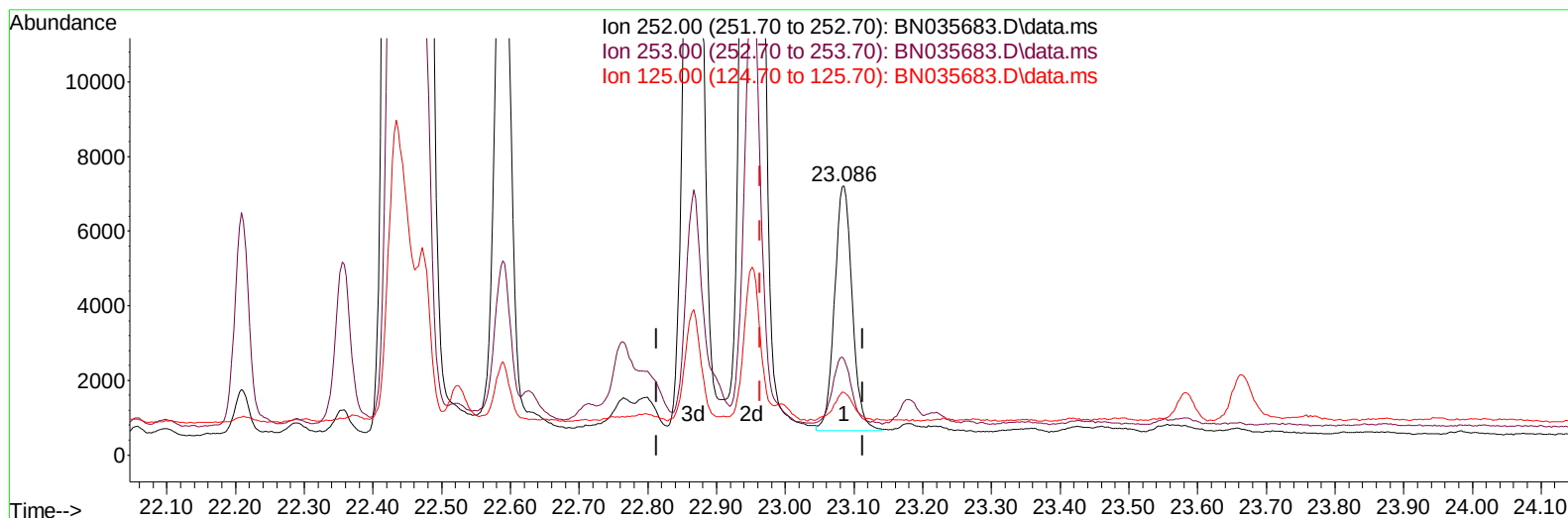
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035683.D
Acq On : 18 Dec 2024 23:30
Operator : RC/JU
Sample : P5258-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28X1

Manual IntegrationsAPPROVED

Quant Time: Dec 19 01:54:35 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: BN035683.D\data.ms

(26) Benzo(a)pyrene (C)

23.086min (+ 0.123) 0.45 ng/ul m

response 11737

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	30.10	35.43
125.00	23.90	23.22
0.00	0.00	0.00

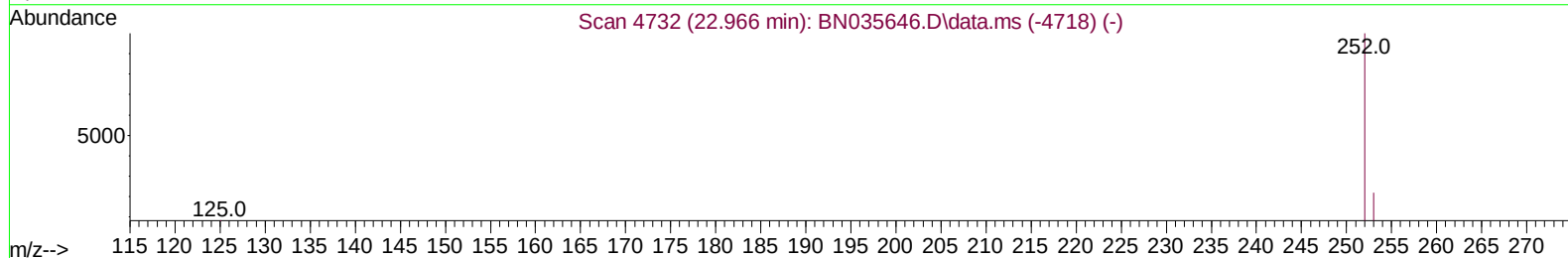
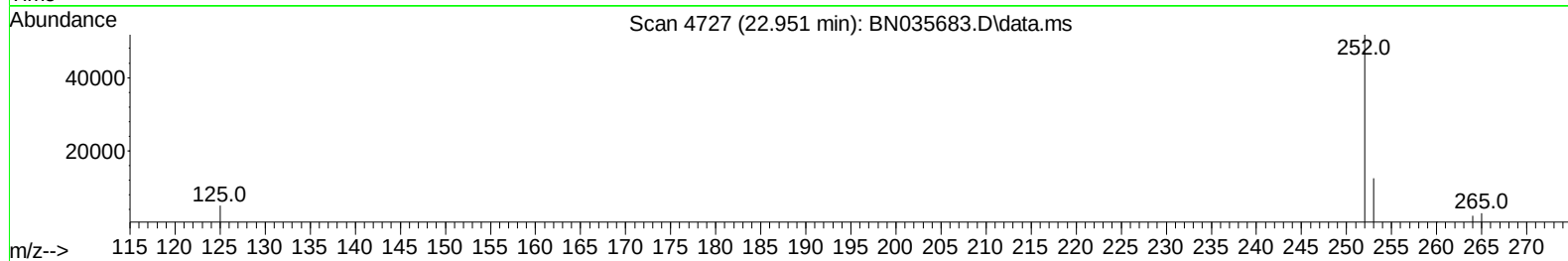
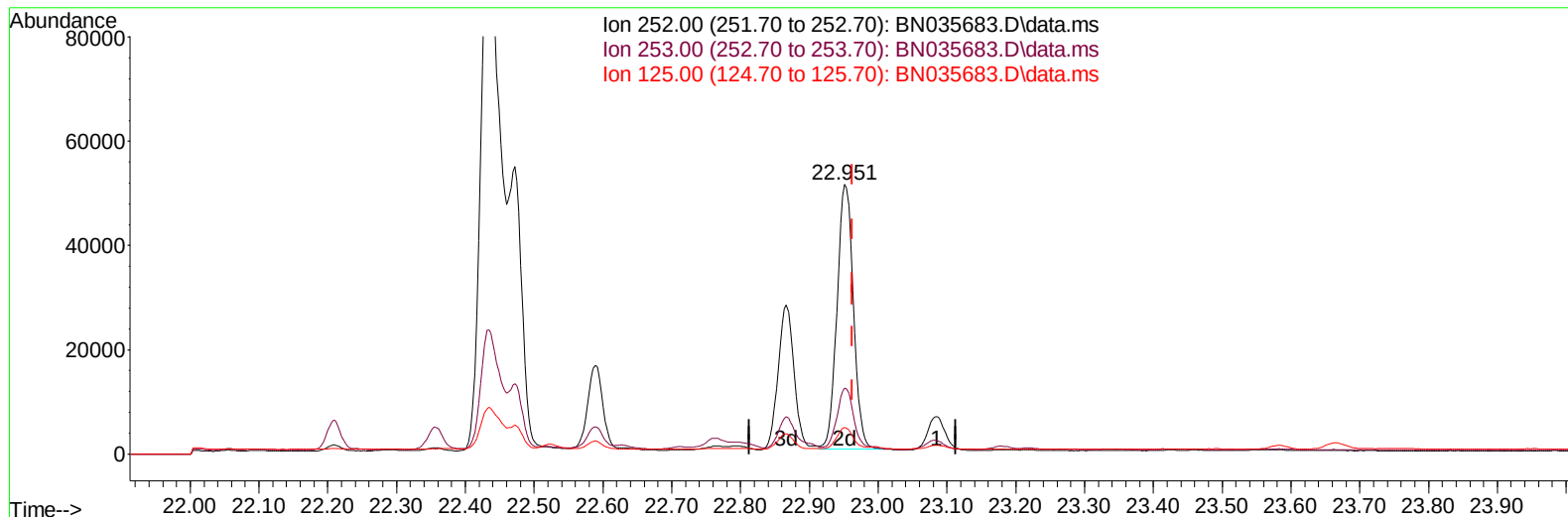
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035683.D
Acq On : 18 Dec 2024 23:30
Operator : RC/JU
Sample : P5258-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28X1

Manual IntegrationsAPPROVED

Quant Time: Dec 19 01:54:35 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: BN035683.D\data.ms

(26) Benzo(a)pyrene (C)

22.951min (-0.012) 3.21 ng/ul m

response 84022

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	30.10	24.35
125.00	23.90	9.74#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
 Data File : BN035683.D
 Acq On : 18 Dec 2024 23:30
 Operator : RC/JU
 Sample : P5258-07
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28X1

Manual IntegrationsAPPROVED

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

Quant Time: Dec 19 01:54:35 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	7.276	152	2721	0.400	ng/ul	0.00
4) Naphthalene-d8	10.020	136	7419	0.400	ng/ul	-0.01
9) Acenaphthene-d10	13.940	164	5239	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.709	188	10814	0.400	ng/ul	0.00
17) Chrysene-d12	20.955	240	8953	0.400	ng/ul	0.00
23) Perylene-d12	23.042	264	9183	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.951	96	9302	3.856	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.626	152	2432	0.230	ng/ul	-0.01
18) Fluoranthene-d10	18.763	212	5416	0.207	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.069	128	2494m	0.137	ng/ul	
7) 2-Methylnaphthalene	11.703	142	1762	0.144	ng/ul	99
8) 1-Methylnaphthalene	11.928	142	1474	0.116	ng/ul	99
10) Acenaphthylene	13.653	152	5880	0.290	ng/ul	99
11) Acenaphthene	14.004	153	7212	0.470	ng/ul	99
12) Fluorene	15.008	166	8193	0.459	ng/ul	99
15) Phenanthrene	16.751	178	170214	6.289	ng/ul	98
16) Anthracene	16.840	178	36772	1.453	ng/ul	99
19) Fluoranthene	18.791	202	362457	11.320	ng/ul	99
20) Pyrene	19.158	202	258459	7.327	ng/ul	99
21) Benzo(a)anthracene	20.941	228	160269	5.397	ng/ul	100
22) Chrysene	20.993	228	151081	4.904	ng/ul	97
24) Benzo(b)fluoranthene	22.434	252	200921m	7.425	ng/ul	
25) Benzo(k)fluoranthene	22.472	252	69799m	2.332	ng/ul	
26) Benzo(a)pyrene	22.951	252	84022m	3.206	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.067	276	72515	2.273	ng/ul#	72
28) Dibenzo(a,h)anthracene	25.074	278	22536m	0.925	ng/ul	
29) Benzo(g,h,i)perylene	25.678	276	10495	0.410	ng/ul	96

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035683.D
Acq On : 18 Dec 2024 23:30
Operator : RC/JU
Sample : P5258-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28X1

Manual IntegrationsAPPROVED

Quant Time: Dec 19 01:54:35 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

