

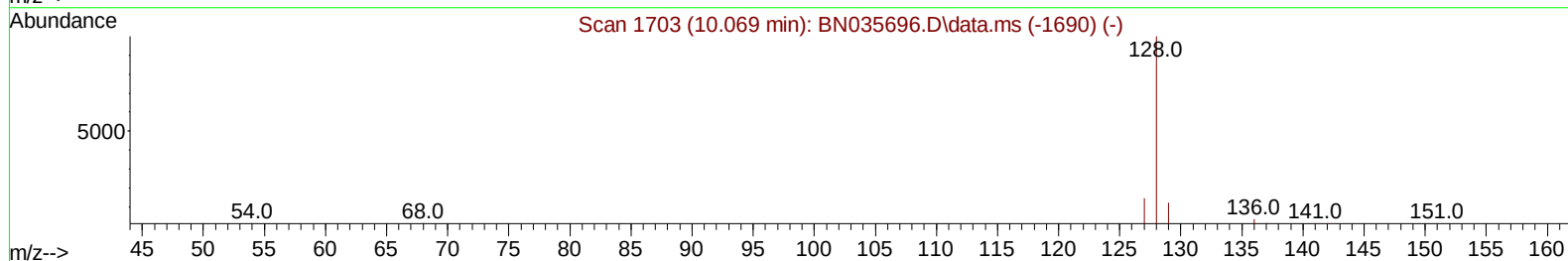
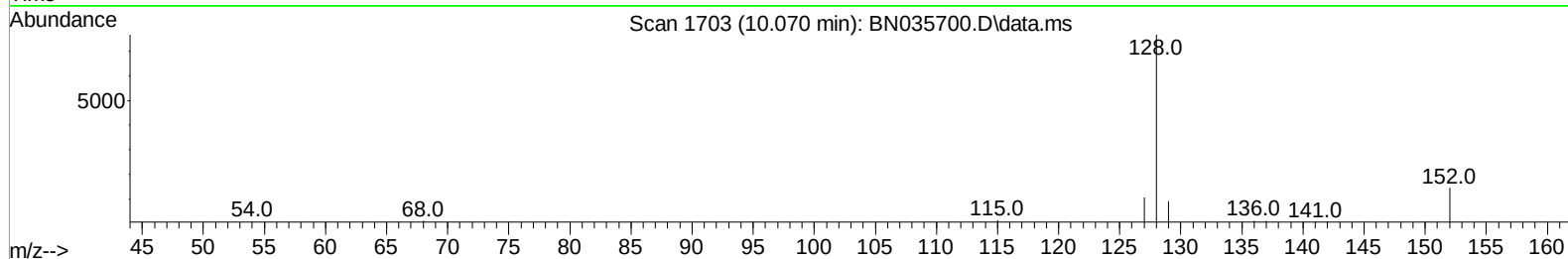
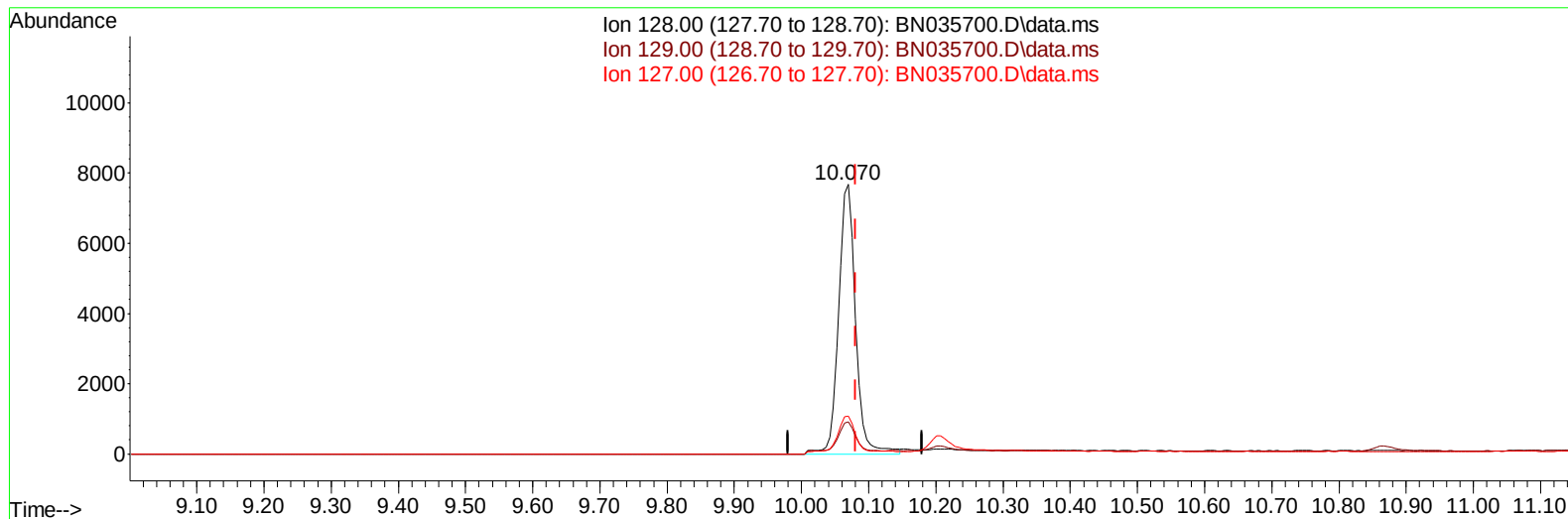
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035700.D
Acq On : 19 Dec 2024 11:30
Operator : RC/JU
Sample : P5258-05MS
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28X0MS

Manual IntegrationsAPPROVED

Quant Time: Dec 19 12:16:59 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: BN035700.D\data.ms

(5) Naphthalene

10.070min (-0.011) 0.59 ng/u1

response 13201

Ion	Exp%	Act%
128.00	100.00	100.00
129.00	13.50	11.91
127.00	15.00	13.98
0.00	0.00	0.00

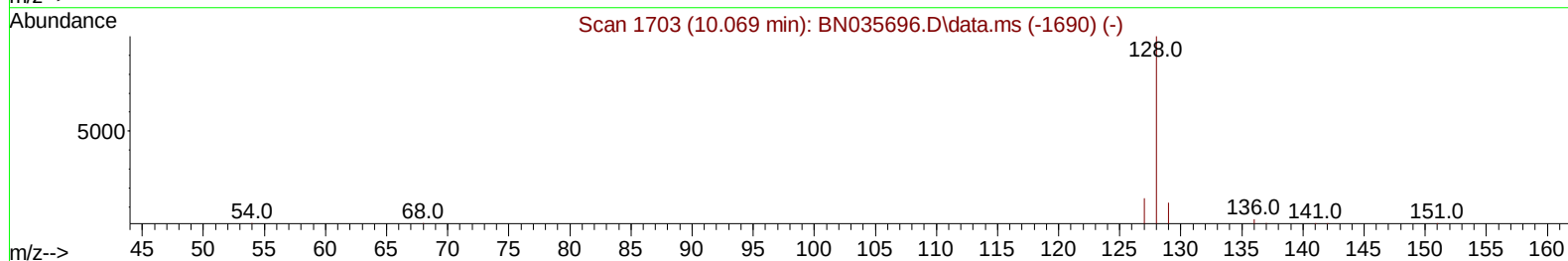
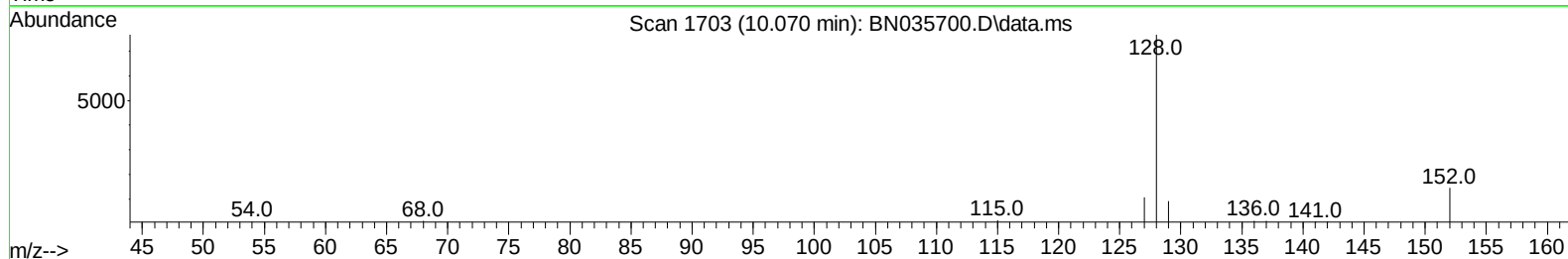
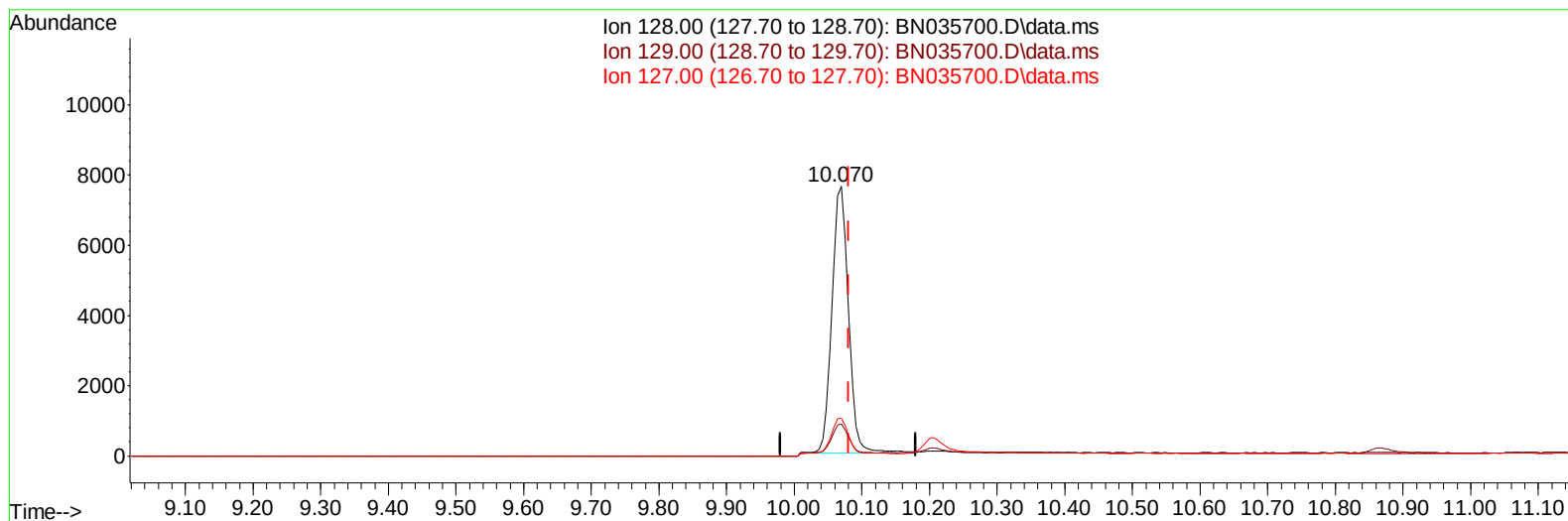
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035700.D
Acq On : 19 Dec 2024 11:30
Operator : RC/JU
Sample : P5258-05MS
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28X0MS

Manual IntegrationsAPPROVED

Quant Time: Dec 19 12:16:59 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: BN035700.D\data.ms

(5) Naphthalene

10.070min (-0.011) 0.56 ng/ul m

response 12700

Ion	Exp%	Act%
128.00	100.00	100.00
129.00	13.50	11.91
127.00	15.00	13.98
0.00	0.00	0.00

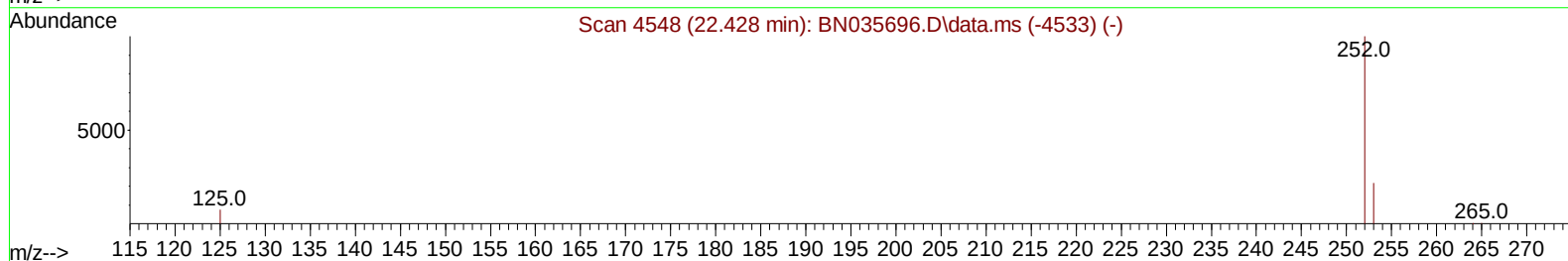
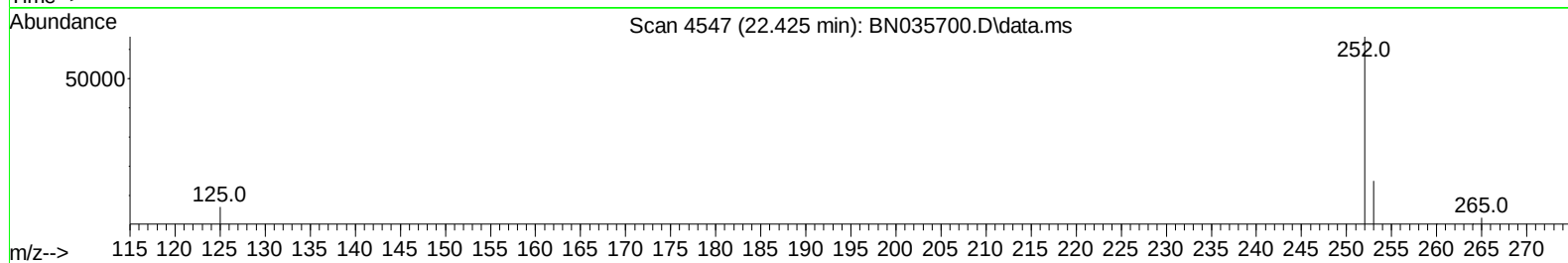
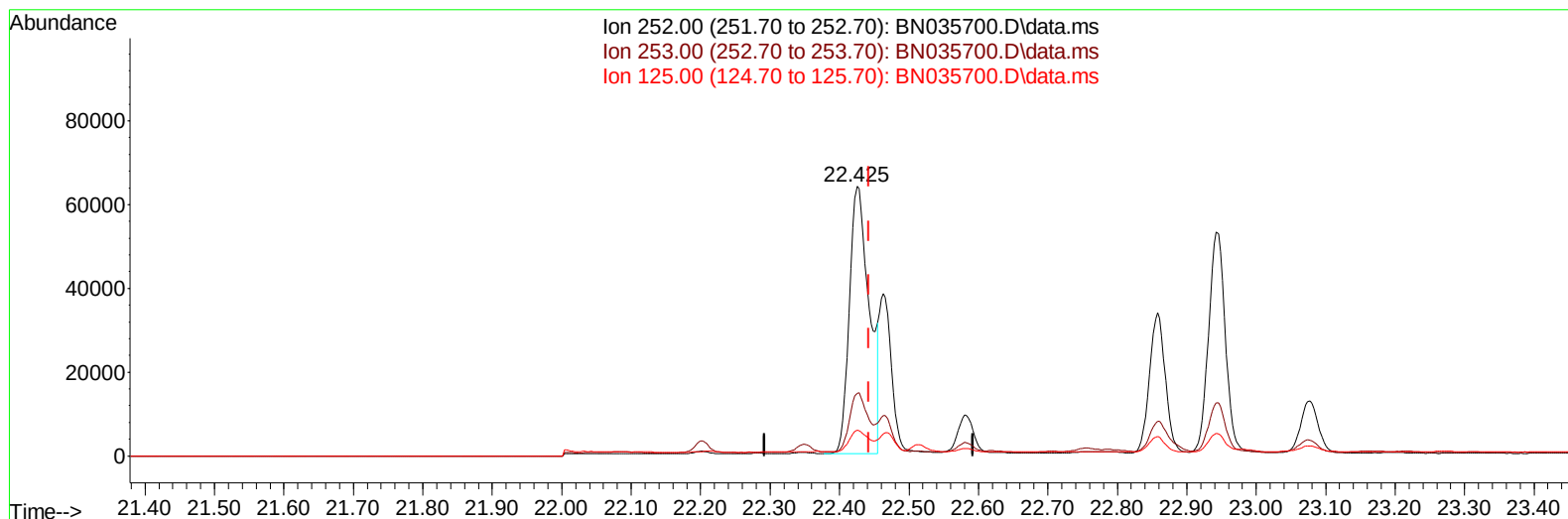
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035700.D
Acq On : 19 Dec 2024 11:30
Operator : RC/JU
Sample : P5258-05MS
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28X0MS

Manual IntegrationsAPPROVED

Quant Time: Dec 19 12:16:59 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: BN035700.D\data.ms

(24) Benzo(b)fluoranthene

22.425min (-0.017) 3.30 ng/u1

response 126616

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.20	23.23
125.00	18.80	9.48
0.00	0.00	0.00

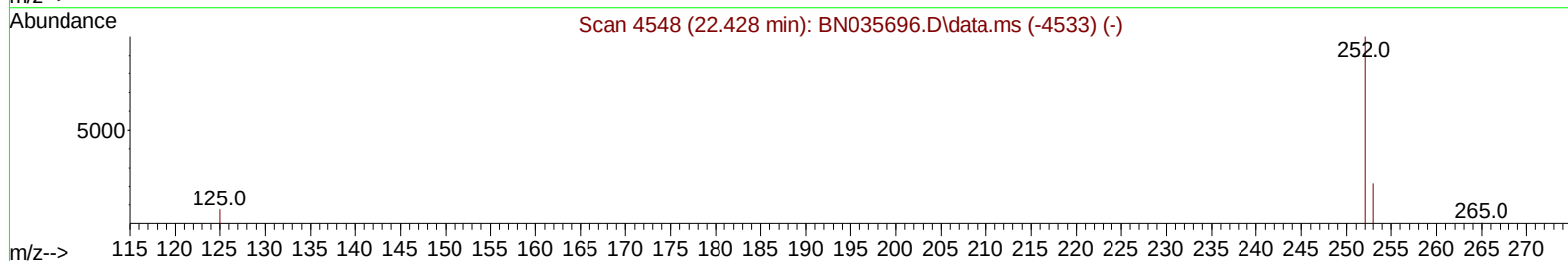
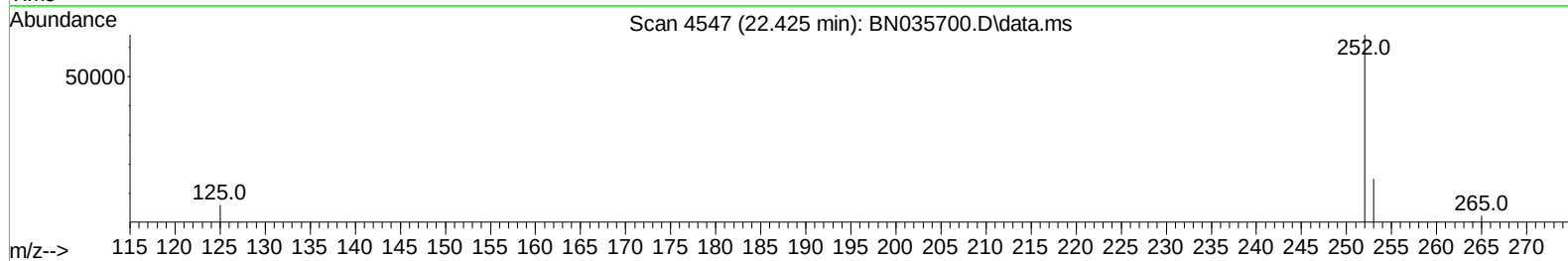
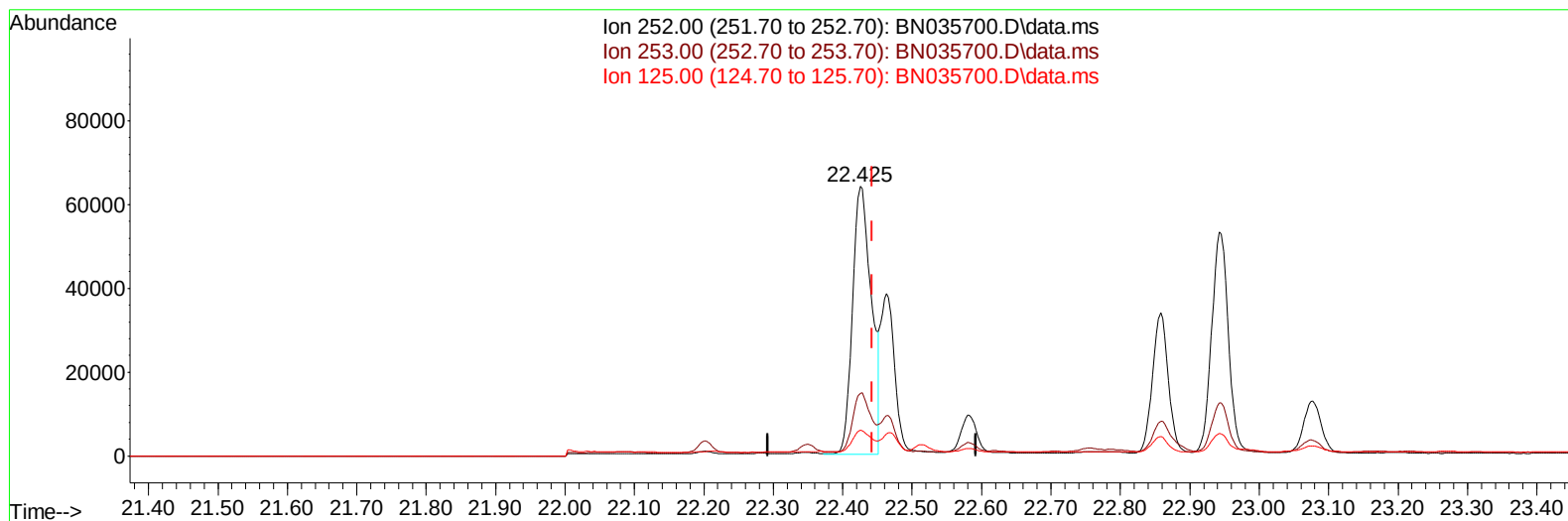
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035700.D
Acq On : 19 Dec 2024 11:30
Operator : RC/JU
Sample : P5258-05MS
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28X0MS

Manual IntegrationsAPPROVED

Quant Time: Dec 19 12:16:59 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: BN035700.D\data.ms

(24) Benzo(b)fluoranthene

22.425min (-0.017) 3.18 ng/ul m

response 121887

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.20	23.23
125.00	18.80	9.48
0.00	0.00	0.00

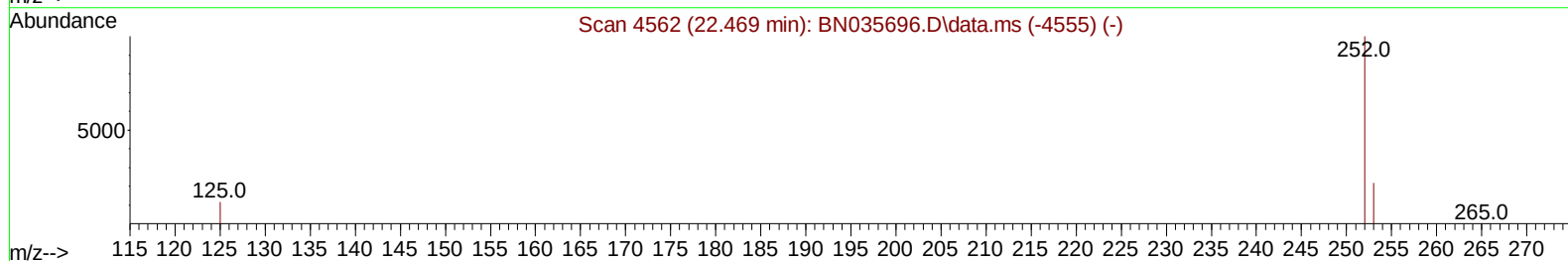
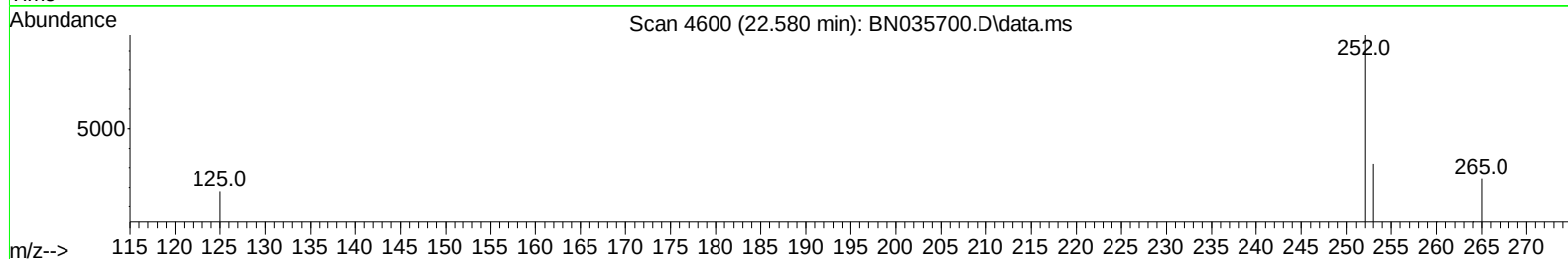
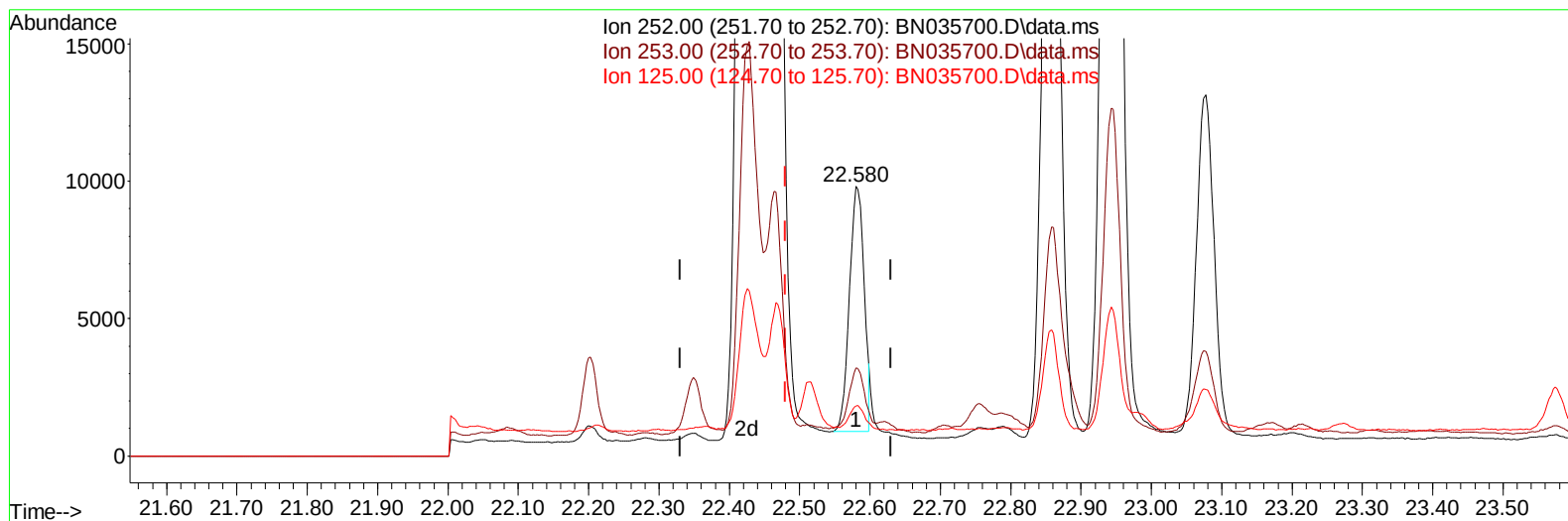
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035700.D
Acq On : 19 Dec 2024 11:30
Operator : RC/JU
Sample : P5258-05MS
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28X0MS

Manual IntegrationsAPPROVED

Quant Time: Dec 19 12:16:59 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: BN035700.D\data.ms

(25) Benzo(k)fluoranthene

22.580min (+ 0.100) 0.30 ng/u1

response 12866

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.60	32.68
125.00	19.10	18.51
0.00	0.00	0.00

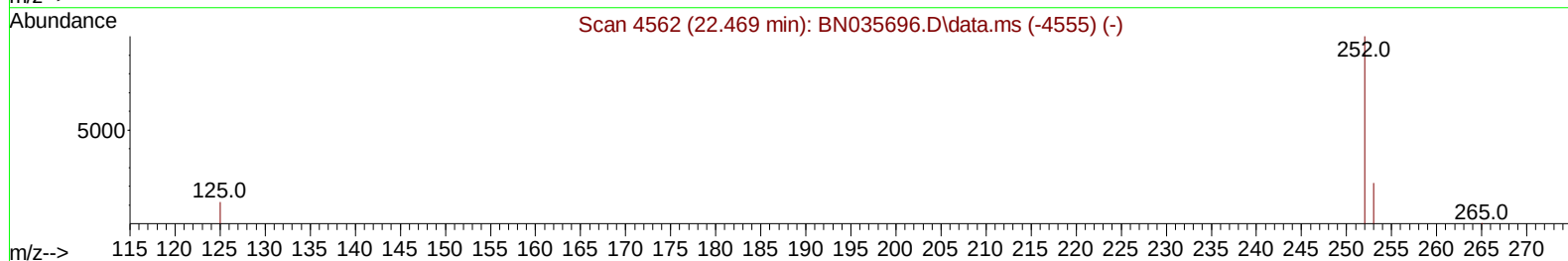
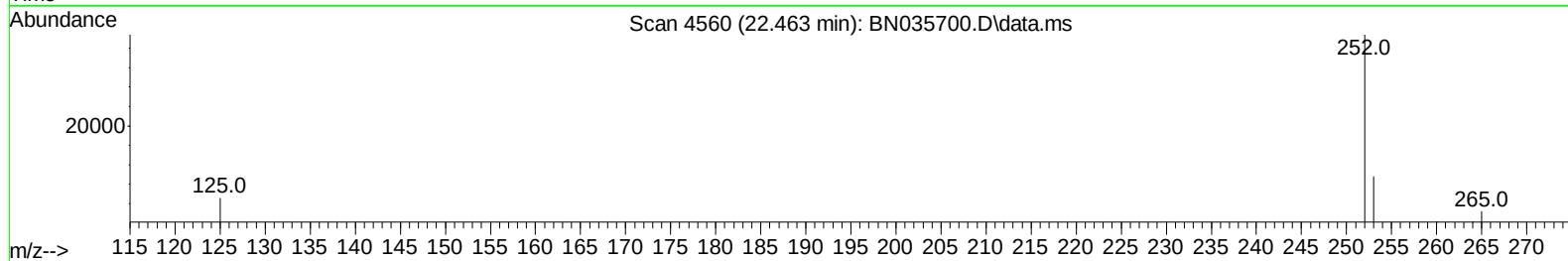
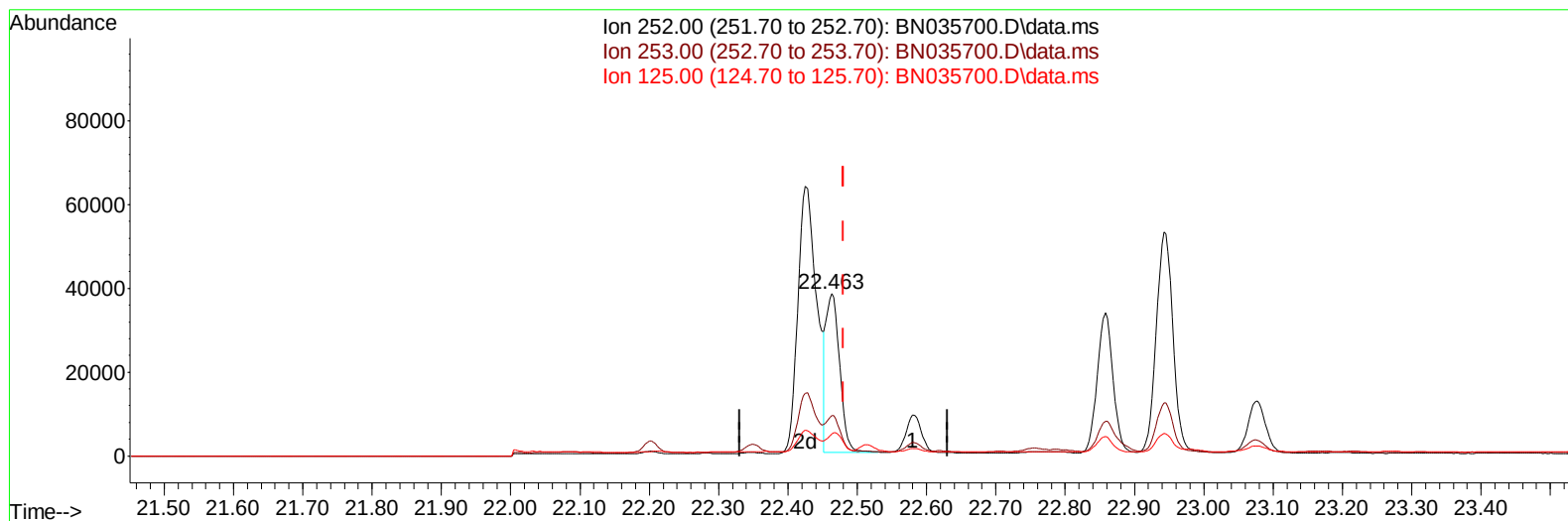
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035700.D
Acq On : 19 Dec 2024 11:30
Operator : RC/JU
Sample : P5258-05MS
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28X0MS

Manual IntegrationsAPPROVED

Quant Time: Dec 19 12:16:59 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: BN035700.D\data.ms

(25) Benzo(k)fluoranthene

22.463min (-0.017) 1.22 ng/ul m

response 51928

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.60	24.86
125.00	19.10	13.43#
0.00	0.00	0.00

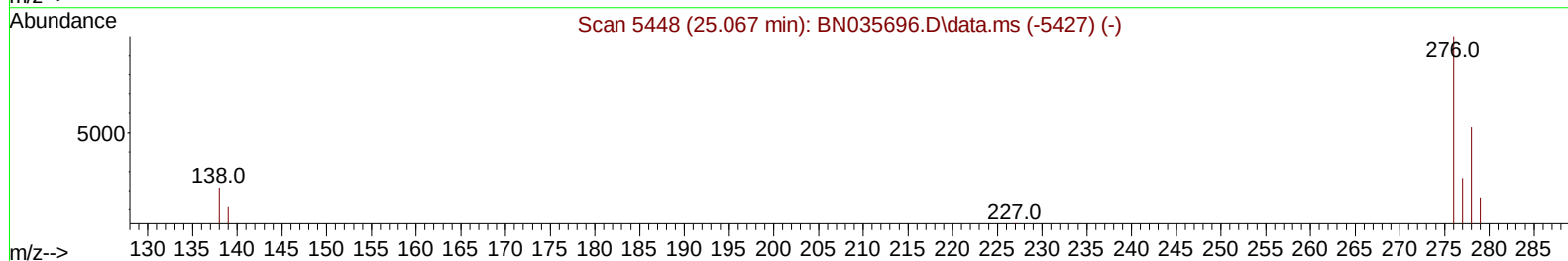
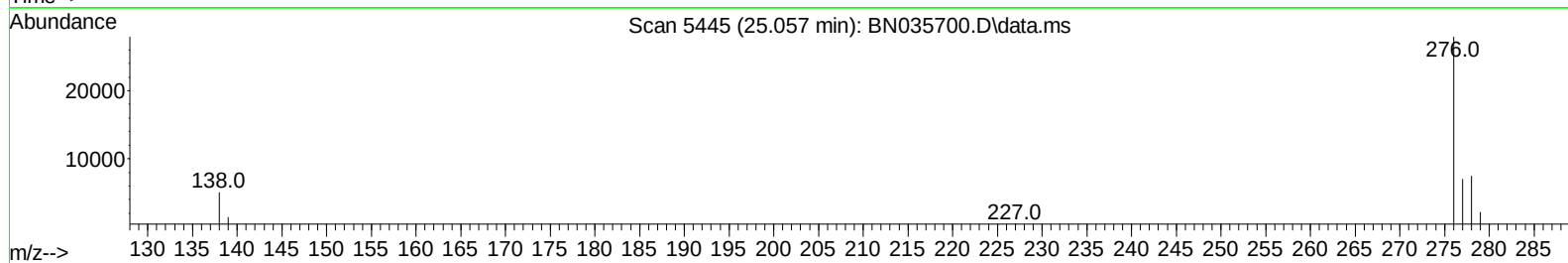
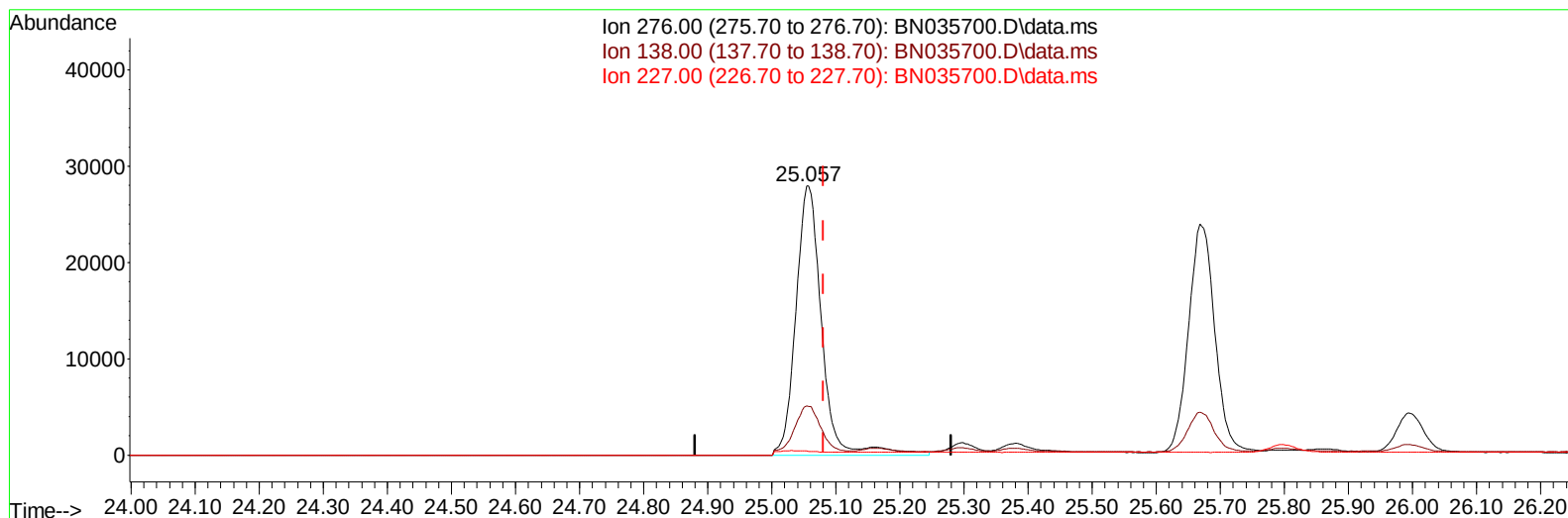
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035700.D
Acq On : 19 Dec 2024 11:30
Operator : RC/JU
Sample : P5258-05MS
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28X0MS

Manual IntegrationsAPPROVED

Quant Time: Dec 19 12:16:59 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: BN035700.D\data.ms

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

25.057min (-0.023) 1.72 ng/u1

response 77781

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	18.40	20.46
227.00	27.00	0.00#
0.00	0.00	0.00

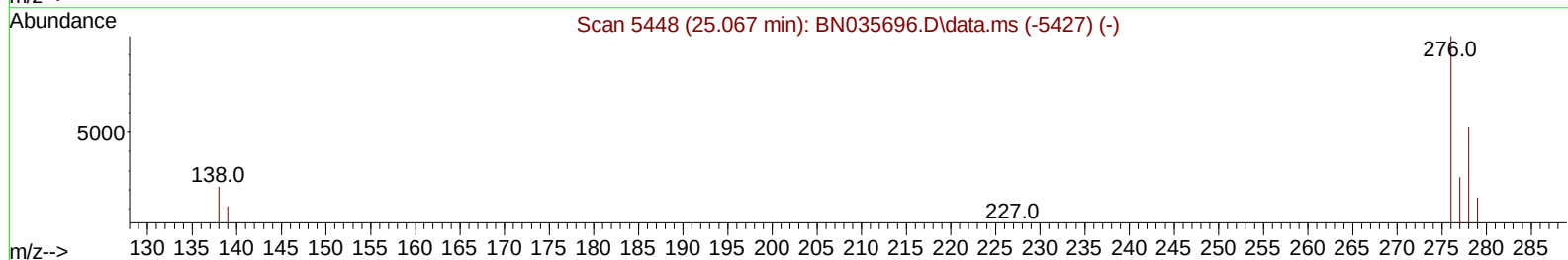
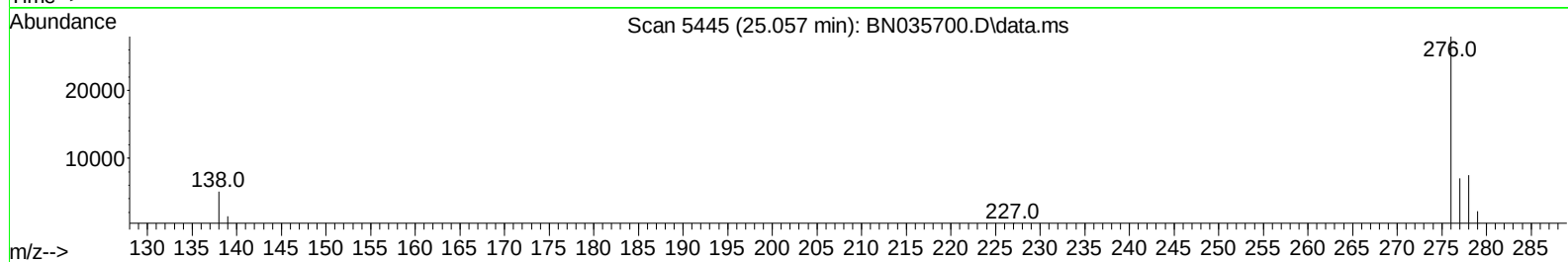
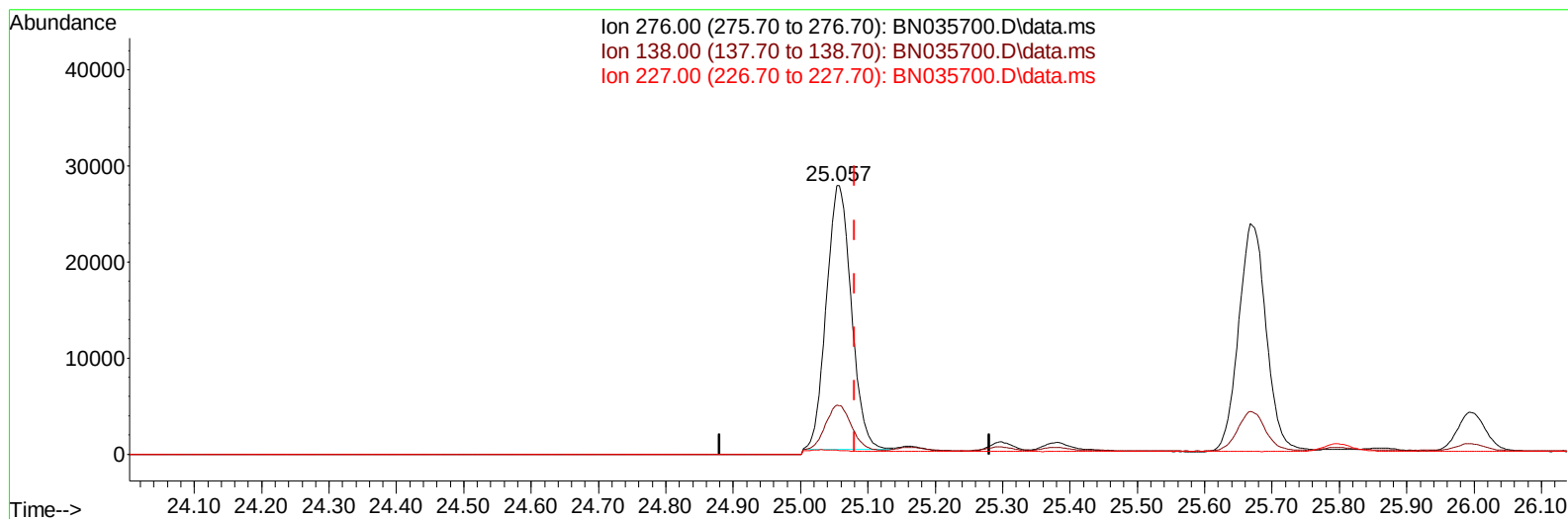
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035700.D
Acq On : 19 Dec 2024 11:30
Operator : RC/JU
Sample : P5258-05MS
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28X0MS

Manual IntegrationsAPPROVED

Quant Time: Dec 19 12:16:59 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: BN035700.D\data.ms

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

25.057min (-0.023) 1.56 ng/ul m

response 70473

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	18.40	22.58#
227.00	27.00	0.00#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
 Data File : BN035700.D
 Acq On : 19 Dec 2024 11:30
 Operator : RC/JU
 Sample : P5258-05MS
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28X0MS

Manual IntegrationsAPPROVED

Quant Time: Dec 19 12:16:59 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.276	152	3542	0.400	ng/ul	0.00
4) Naphthalene-d8	10.020	136	9181	0.400	ng/ul	-0.01
9) Acenaphthene-d10	13.935	164	6701	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.705	188	13941	0.400	ng/ul	-0.01
17) Chrysene-d12	20.953	240	12340	0.400	ng/ul	-0.01
23) Perylene-d12	23.033	264	13008	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.955	96	1755	0.559	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.620	152	5201	0.398	ng/ul	-0.02
18) Fluoranthene-d10	18.758	212	12053	0.334	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.985	88	4784	1.509	ng/ul#	73
5) Naphthalene	10.070	128	12700m	0.564	ng/ul	
7) 2-Methylnaphthalene	11.697	142	8283	0.546	ng/ul	99
8) 1-Methylnaphthalene	11.923	142	8396	0.534	ng/ul	99
10) Acenaphthylene	13.648	152	12603	0.485	ng/ul	99
11) Acenaphthene	14.000	153	12102	0.617	ng/ul	99
12) Fluorene	15.004	166	14675	0.643	ng/ul	100
14) Pentachlorophenol	16.371	266	1809	0.506	ng/ul	99
15) Phenanthrene	16.747	178	137818	3.950	ng/ul	98
16) Anthracene	16.840	178	35429	1.086	ng/ul	98
19) Fluoranthene	18.791	202	219355	4.970	ng/ul	99
20) Pyrene	19.158	202	186192	3.830	ng/ul	98
21) Benzo(a)anthracene	20.935	228	100316	2.451	ng/ul	99
22) Chrysene	20.988	228	96871	2.281	ng/ul	98
24) Benzo(b)fluoranthene	22.425	252	121887m	3.180	ng/ul	
25) Benzo(k)fluoranthene	22.463	252	51928m	1.225	ng/ul	
26) Benzo(a)pyrene	22.943	252	87952	2.369	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	25.057	276	70473m	1.559	ng/ul	
28) Dibenzo(a,h)anthracene	25.071	278	27772	0.805	ng/ul#	90
29) Benzo(g,h,i)perylene	25.668	276	69603	1.919	ng/ul#	92

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121824\
Data File : BN035700.D
Acq On : 19 Dec 2024 11:30
Operator : RC/JU
Sample : P5258-05MS
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28X0MS

Manual IntegrationsAPPROVED

Quant Time: Dec 19 12:16:59 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

