

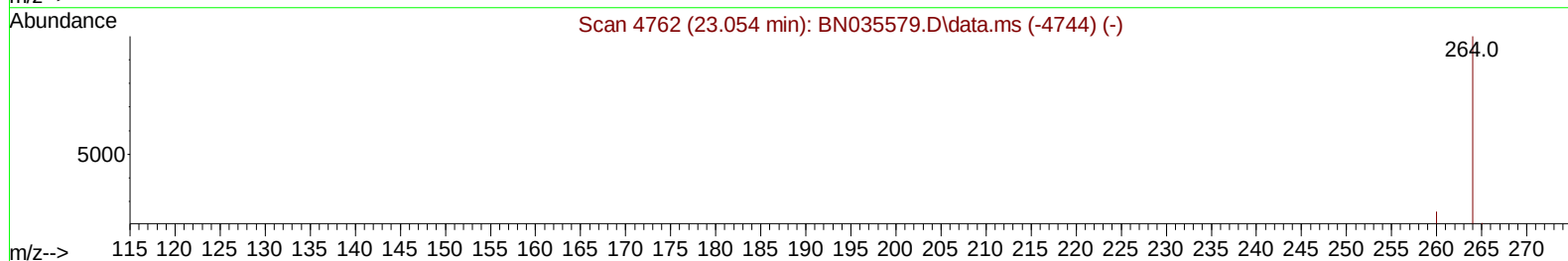
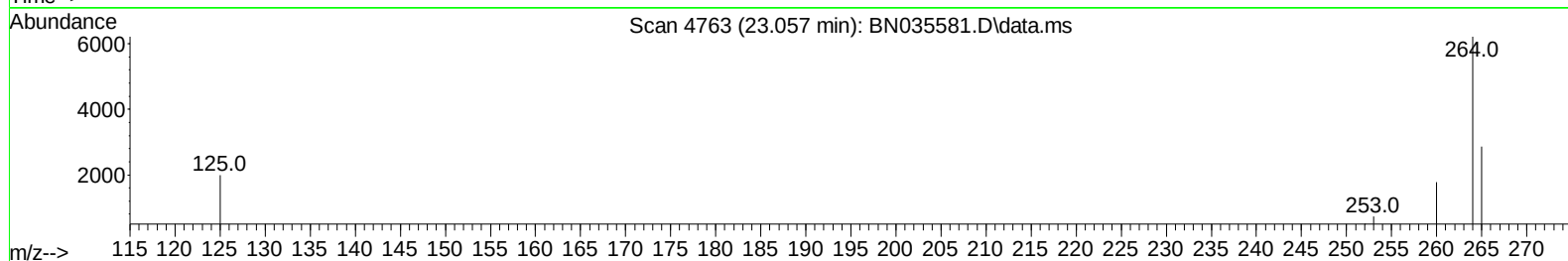
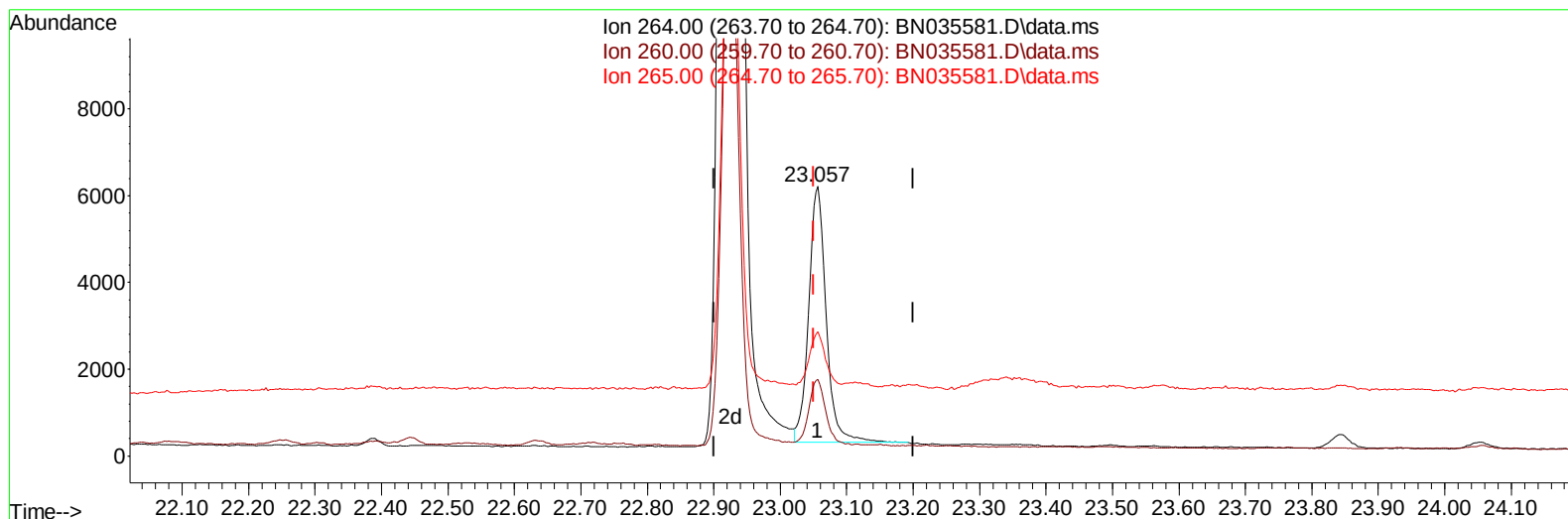
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121224\
Data File : BN035581.D
Acq On : 12 Dec 2024 12:54
Operator : RC/JU
Sample : P5153-06DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28P4DL

Manual IntegrationsAPPROVED

Quant Time: Dec 12 13:31:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 10 16:10:57 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/13/2024
Supervised By :mohammad ahmed 12/13/2024



TIC: BN035581.D\data.ms

(23) Perylene-d12 (I)

23.057min (+ 0.006) 0.40 ng/ul

response 10895

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.20	28.52
265.00	75.50	46.08#
0.00	0.00	0.00

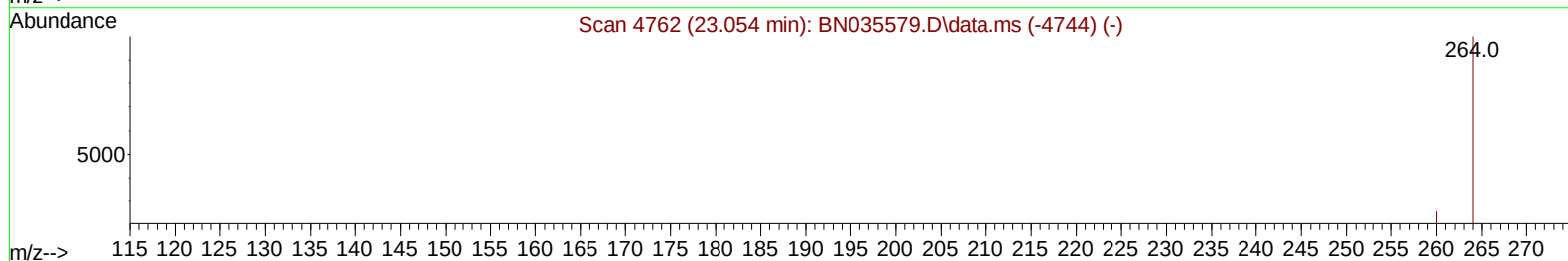
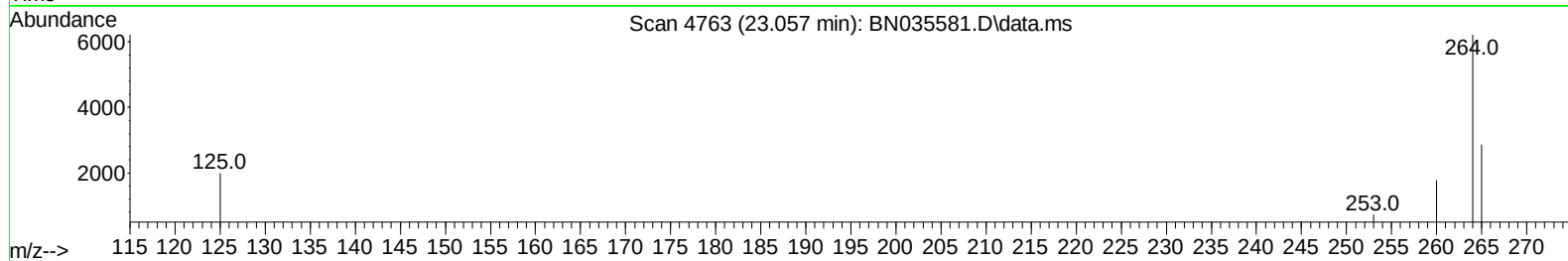
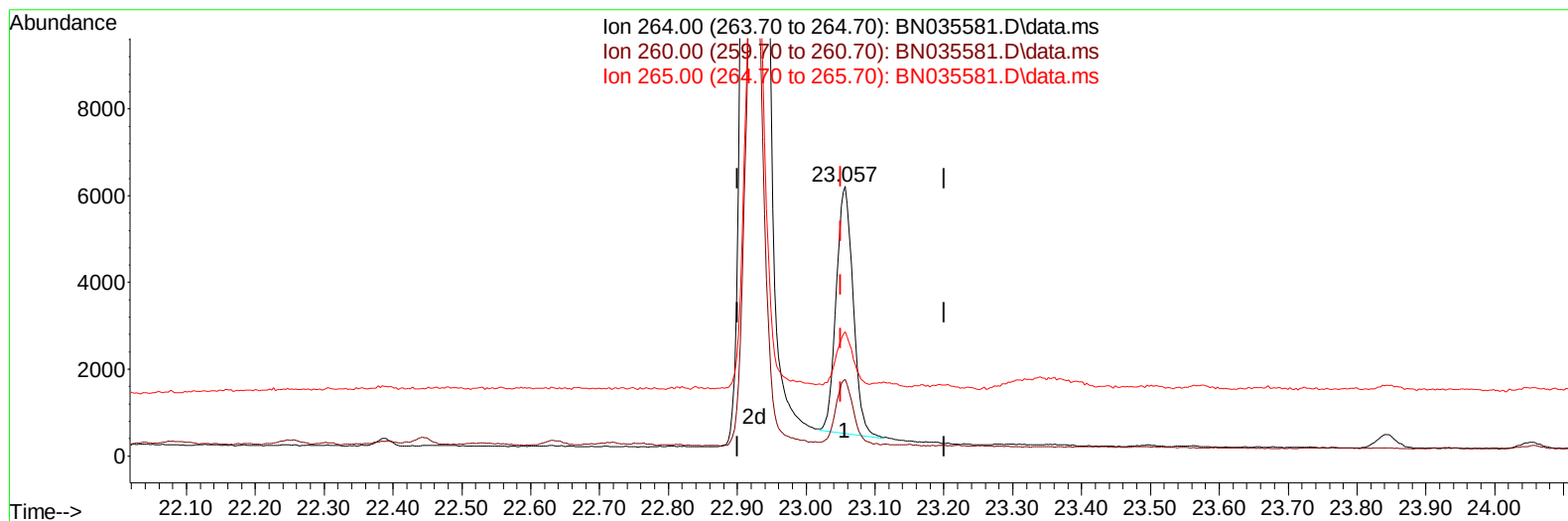
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121224\
Data File : BN035581.D
Acq On : 12 Dec 2024 12:54
Operator : RC/JU
Sample : P5153-06DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28P4DL

Manual IntegrationsAPPROVED

Quant Time: Dec 12 13:31:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 10 16:10:57 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/13/2024
Supervised By :mohammad ahmed 12/13/2024



TIC: BN035581.D\data.ms

(23) Perylene-d12 (I)

23.057min (+ 0.006) 0.40 ng/ul m

response 9720

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.20	28.52
265.00	75.50	46.08#
0.00	0.00	0.00

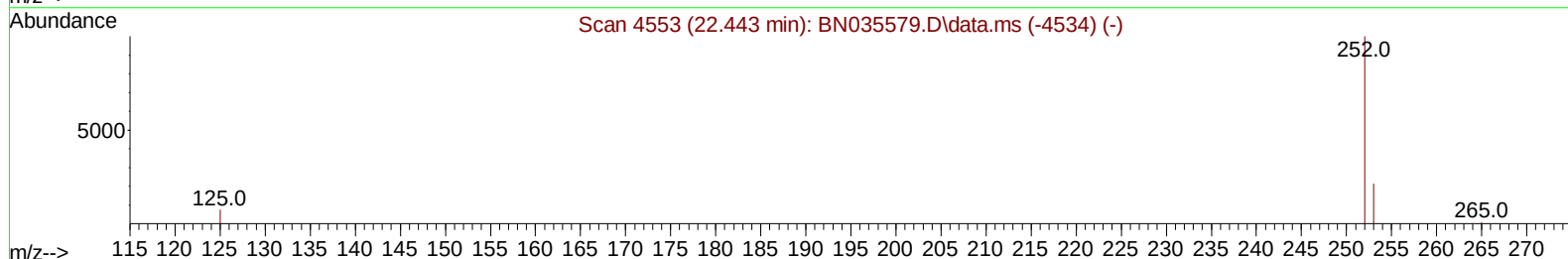
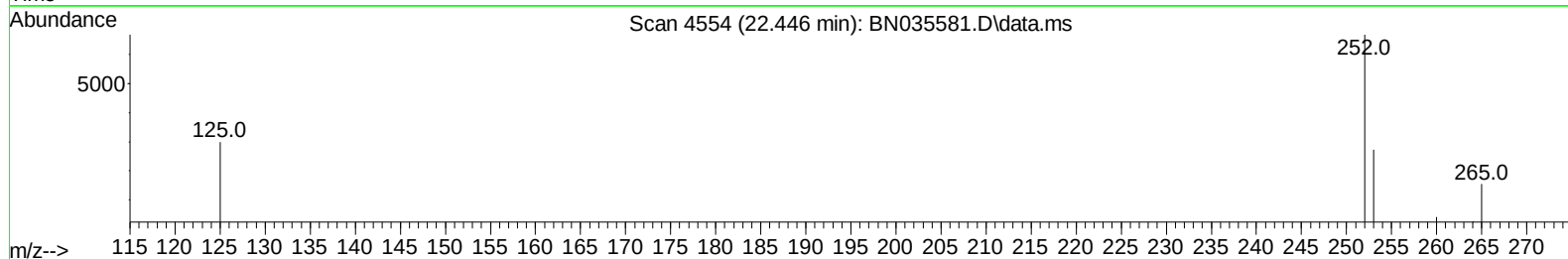
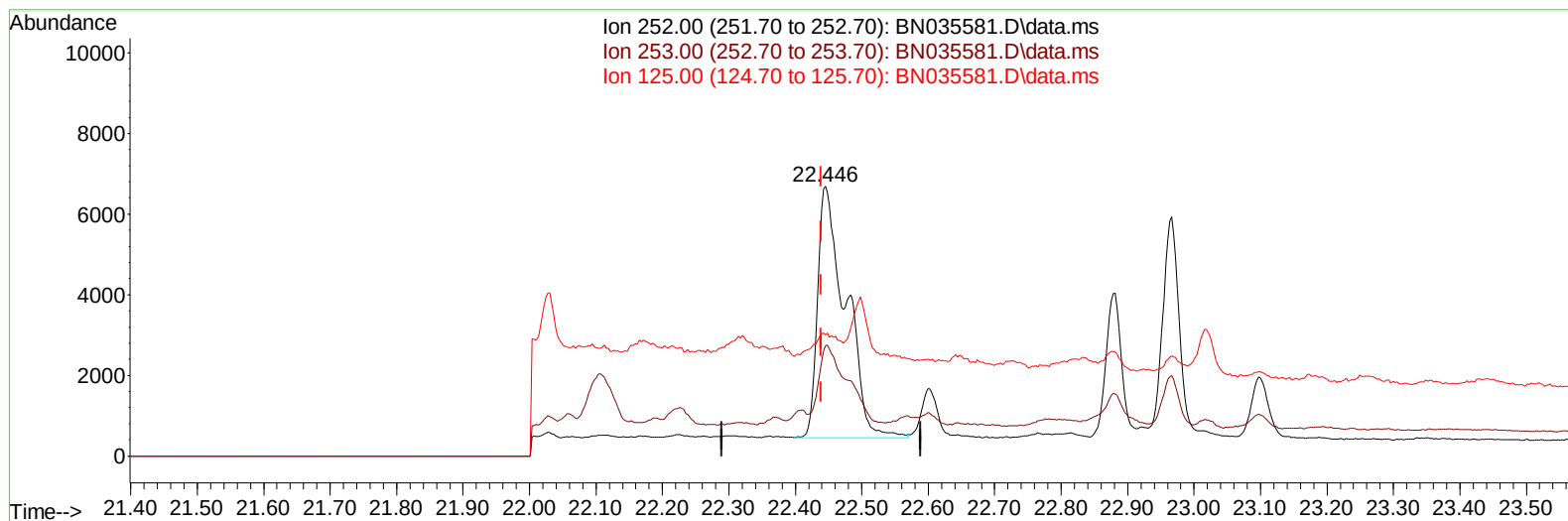
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121224\
Data File : BN035581.D
Acq On : 12 Dec 2024 12:54
Operator : RC/JU
Sample : P5153-06DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28P4DL

Manual IntegrationsAPPROVED

Quant Time: Dec 12 13:31:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 10 16:10:57 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/13/2024
Supervised By :mohammad ahmed 12/13/2024



TIC: BN035581.D\data.ms

(24) Benzo(b)fluoranthene

22.446min (+ 0.006) 0.57 ng/u1

response 18300

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	40.81
125.00	9.70	44.89#
0.00	0.00	0.00

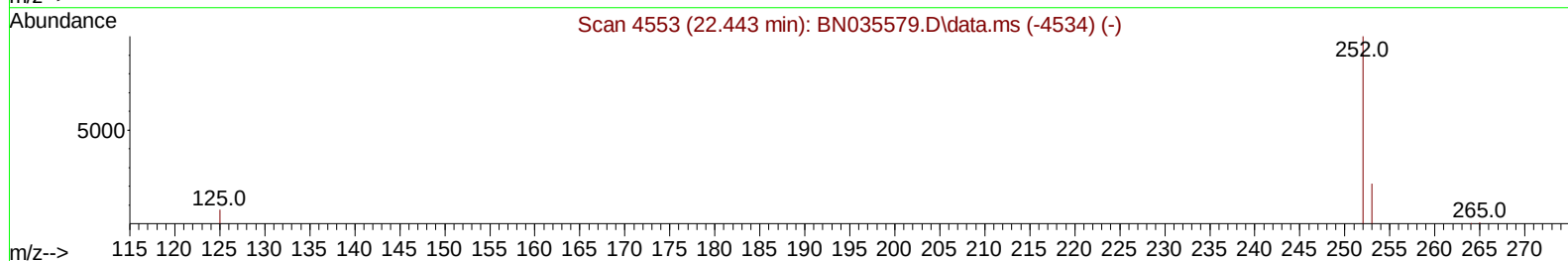
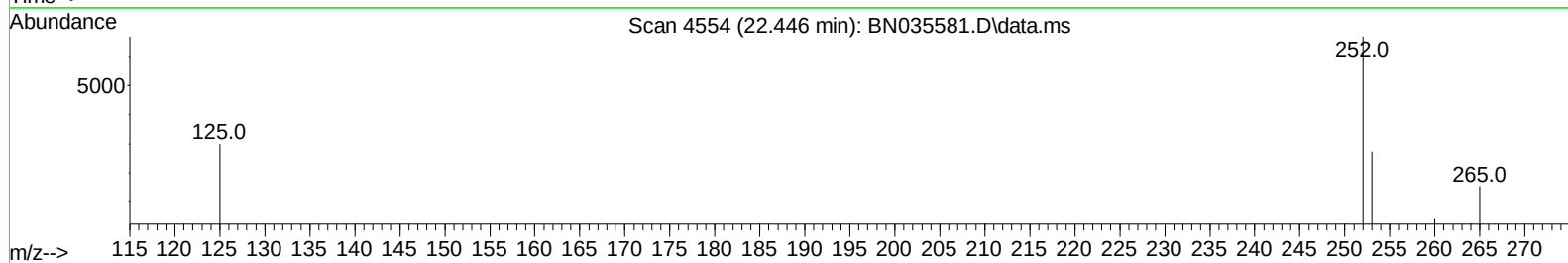
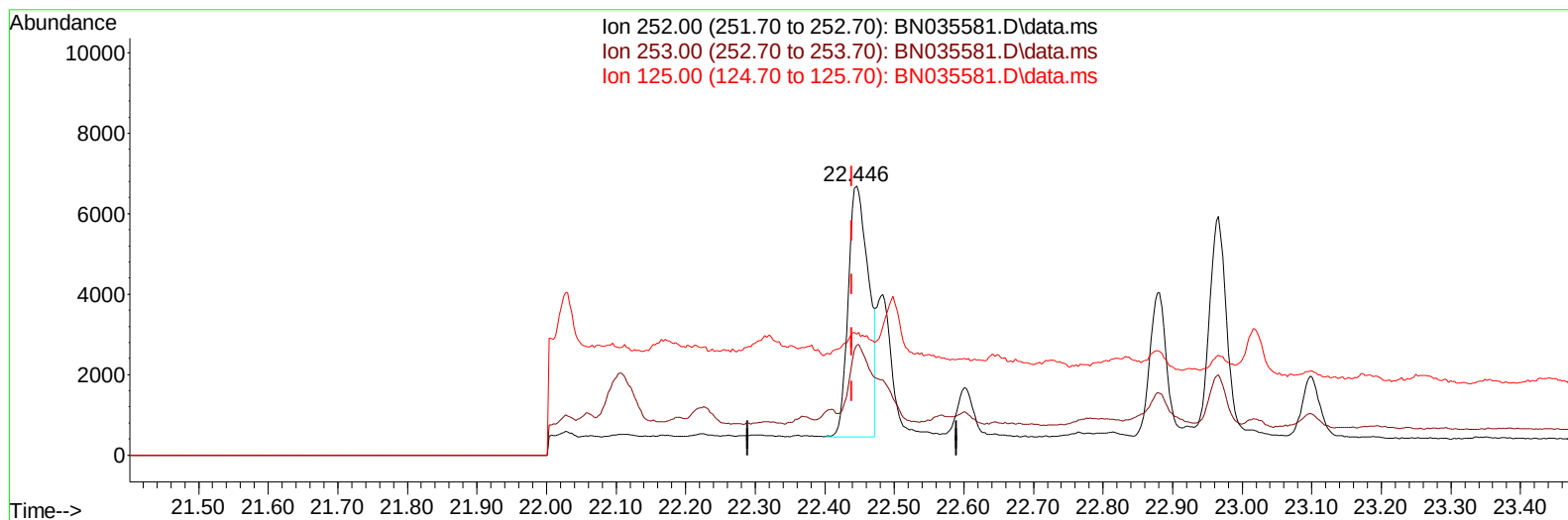
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121224\
Data File : BN035581.D
Acq On : 12 Dec 2024 12:54
Operator : RC/JU
Sample : P5153-06DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28P4DL

Manual IntegrationsAPPROVED

Quant Time: Dec 12 13:31:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 10 16:10:57 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/13/2024
Supervised By :mohammad ahmed 12/13/2024



TIC: BN035581.D\data.ms

(24) Benzo(b)fluoranthene

22.446min (+ 0.006) 0.40 ng/ul m

response 12826

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	40.81
125.00	9.70	44.89#
0.00	0.00	0.00

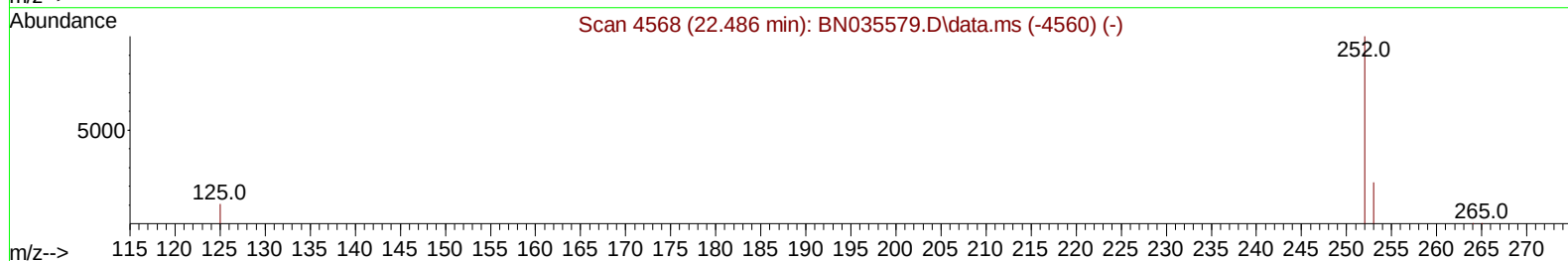
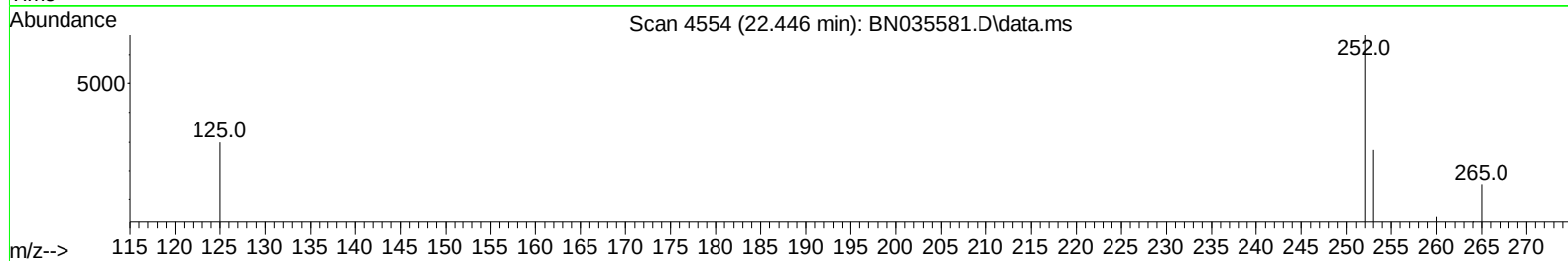
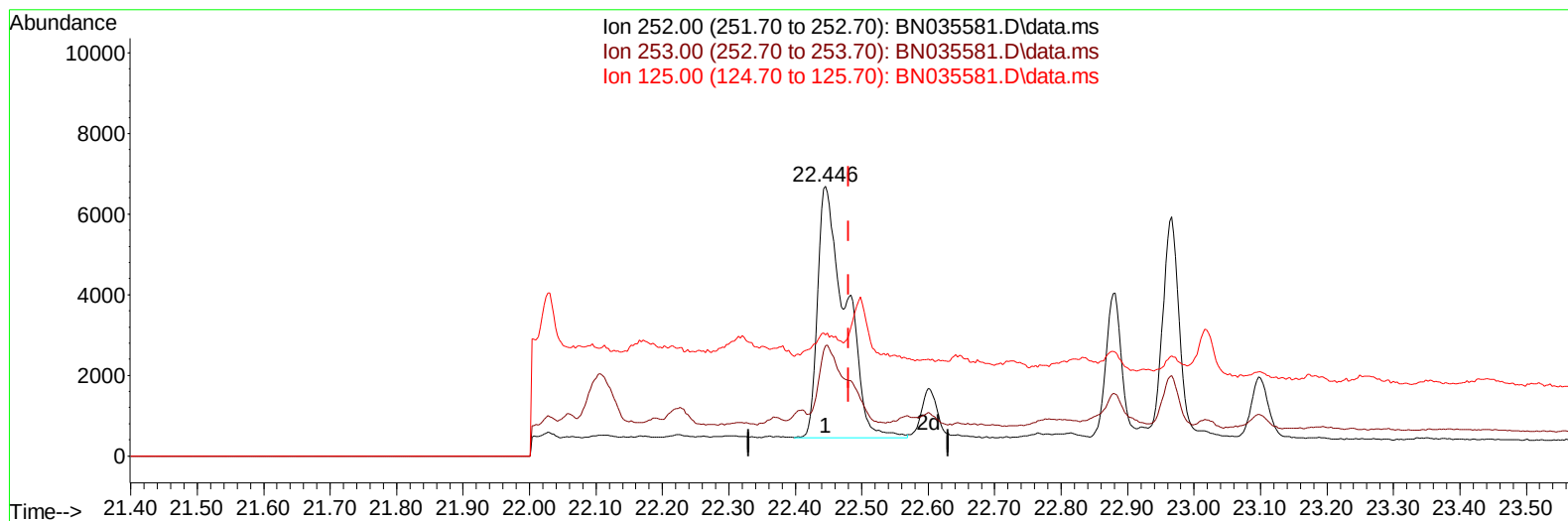
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121224\
Data File : BN035581.D
Acq On : 12 Dec 2024 12:54
Operator : RC/JU
Sample : P5153-06DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28P4DL

Manual IntegrationsAPPROVED

Quant Time: Dec 12 13:31:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 10 16:10:57 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/13/2024
Supervised By :mohammad ahmed 12/13/2024



TIC: BN035581.D\data.ms

(25) Benzo(k)fluoranthene

22.446min (-0.035) 0.55 ng/u1

response 18300

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.20	40.81#
125.00	10.70	44.89#
0.00	0.00	0.00

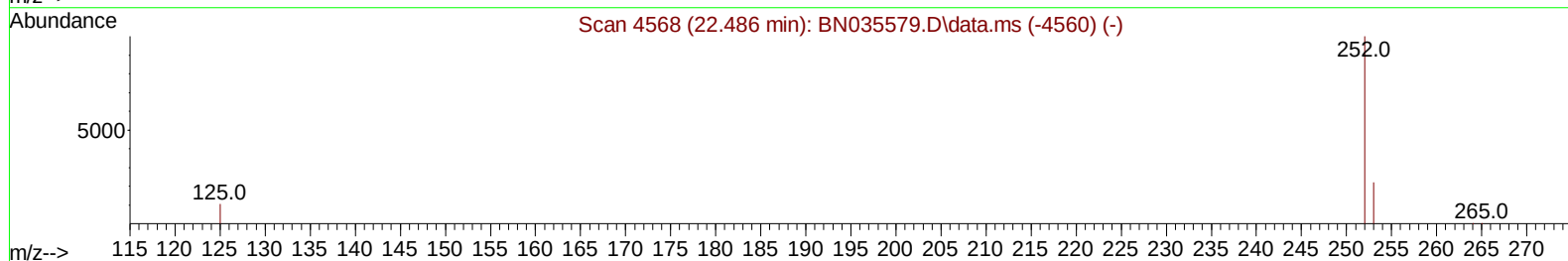
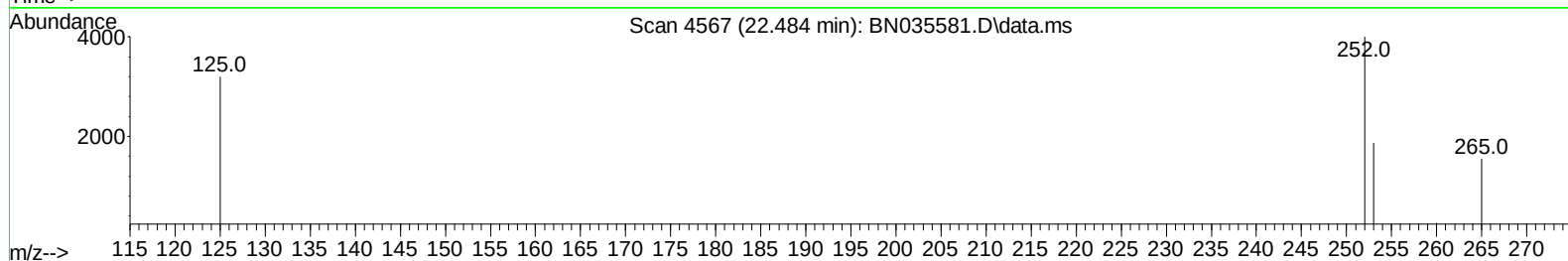
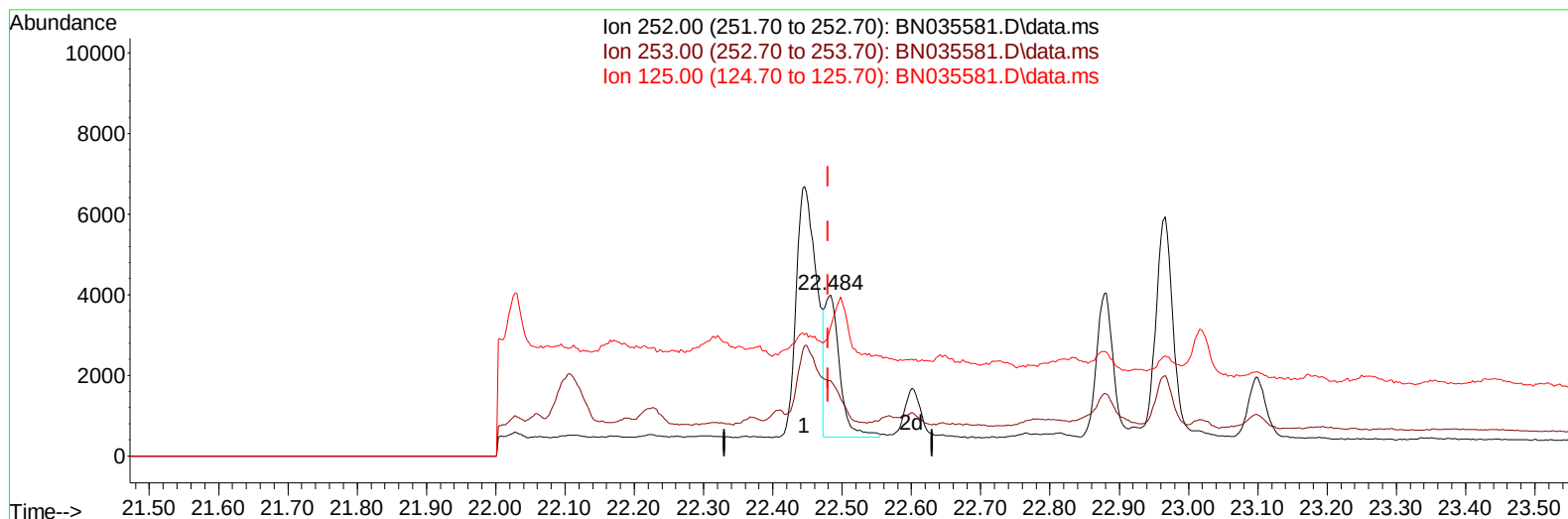
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121224\
Data File : BN035581.D
Acq On : 12 Dec 2024 12:54
Operator : RC/JU
Sample : P5153-06DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28P4DL

Manual IntegrationsAPPROVED

Quant Time: Dec 12 13:31:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 10 16:10:57 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/13/2024
Supervised By :mohammad ahmed 12/13/2024



TIC: BN035581.D\data.ms

(25) Benzo(k)fluoranthene

22.484min (+ 0.003) 0.16 ng/u1 m

response 5354

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.20	46.68#
125.00	10.70	79.94#
0.00	0.00	0.00

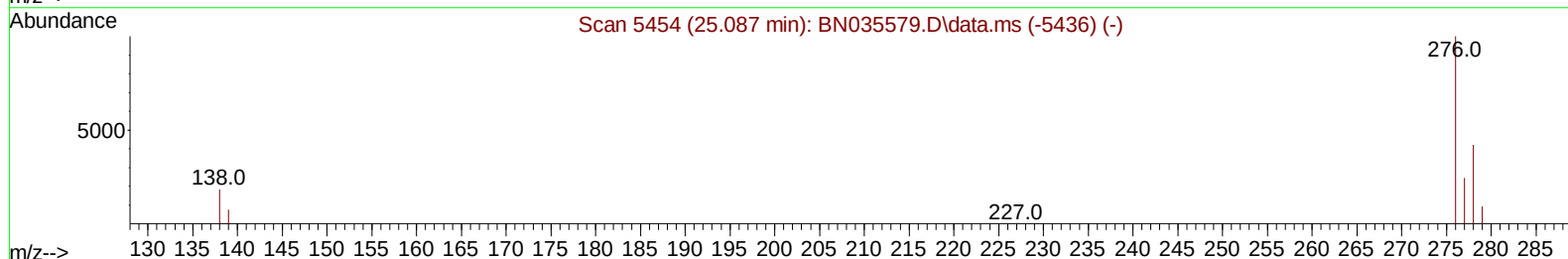
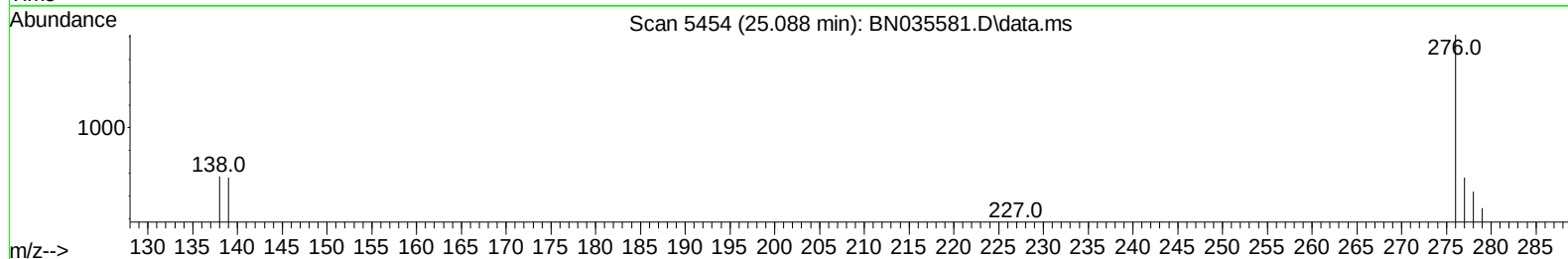
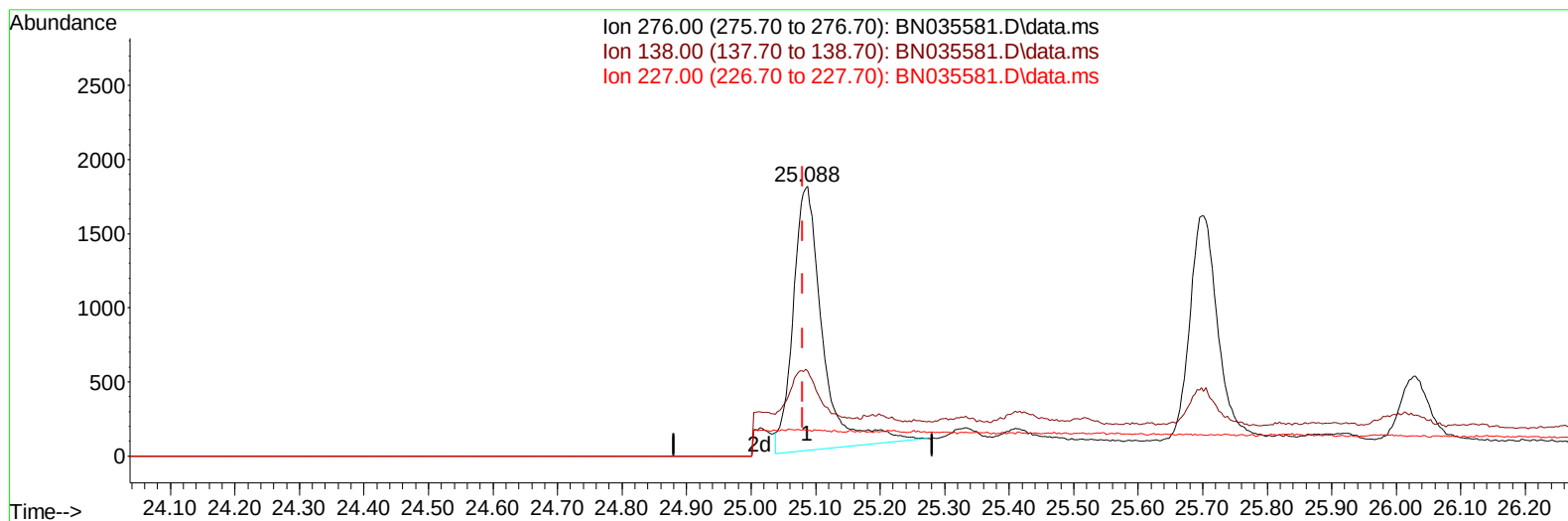
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121224\
Data File : BN035581.D
Acq On : 12 Dec 2024 12:54
Operator : RC/JU
Sample : P5153-06DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28P4DL

Manual IntegrationsAPPROVED

Quant Time: Dec 12 13:31:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 10 16:10:57 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/13/2024
Supervised By :mohammad ahmed 12/13/2024



TIC: BN035581.D\data.ms

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

25.088min (+ 0.007) 0.14 ng/u1

response 5668

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.30	21.38#
227.00	0.30	0.00#
0.00	0.00	0.00

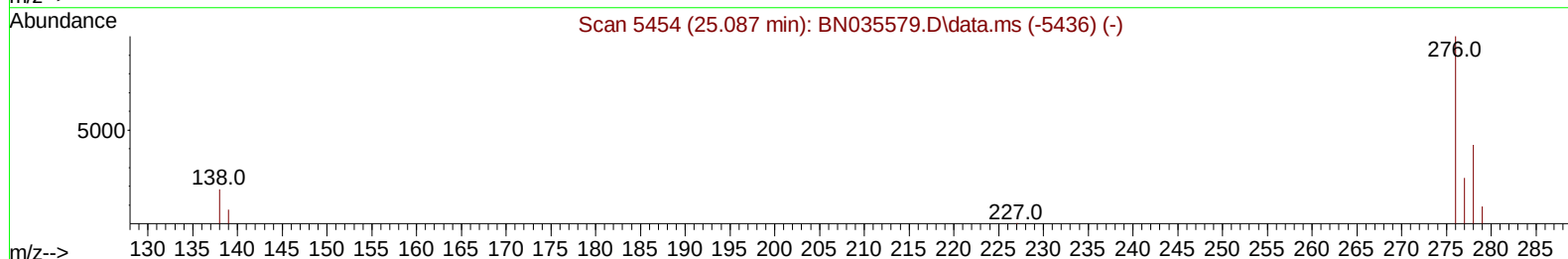
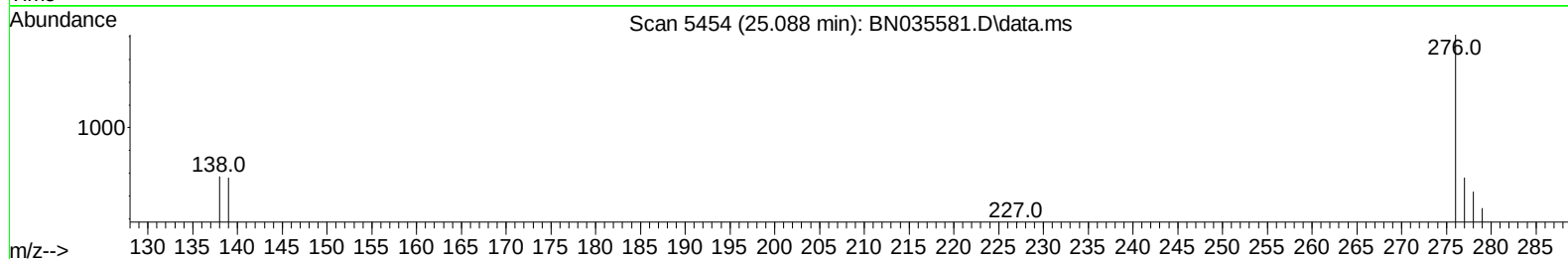
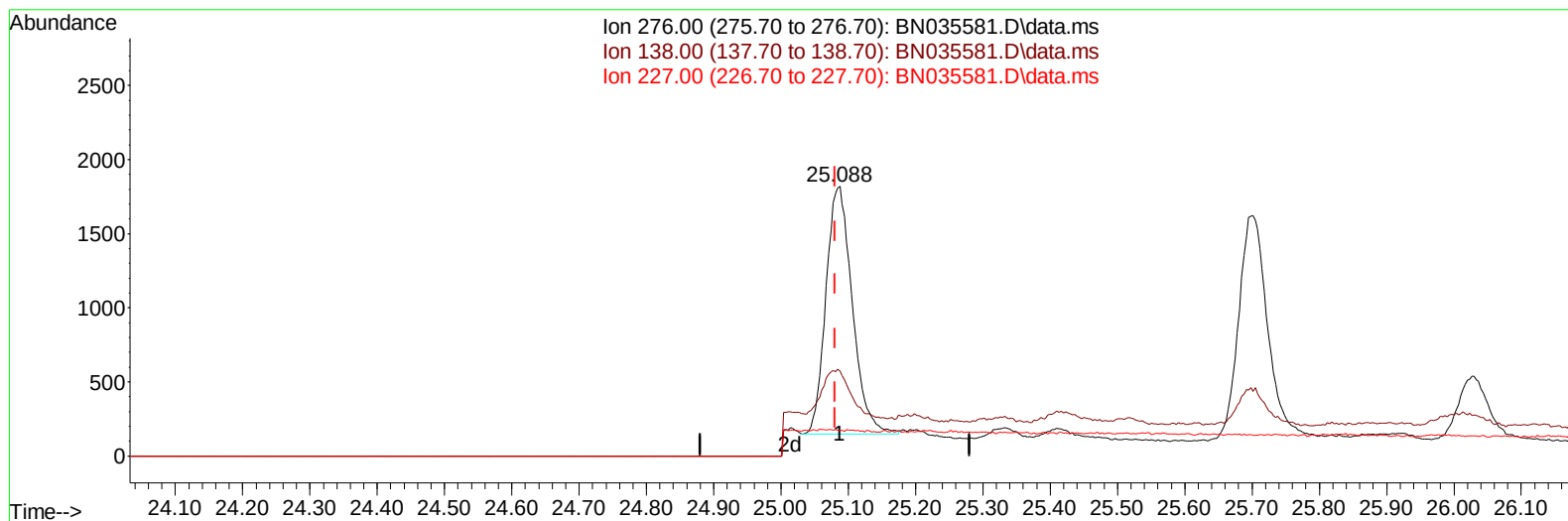
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121224\
Data File : BN035581.D
Acq On : 12 Dec 2024 12:54
Operator : RC/JU
Sample : P5153-06DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28P4DL

Manual IntegrationsAPPROVED

Quant Time: Dec 12 13:31:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 10 16:10:57 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/13/2024
Supervised By :mohammad ahmed 12/13/2024



TIC: BN035581.D\data.ms

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

25.088min (+ 0.007) 0.11 ng/ul m

response 4534

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.30	26.73#
227.00	0.30	0.00#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121224\
 Data File : BN035581.D
 Acq On : 12 Dec 2024 12:54
 Operator : RC/JU
 Sample : P5153-06DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28P4DL

Manual IntegrationsAPPROVED

Quant Time: Dec 12 13:31:27 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 10 16:10:57 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/13/2024
 Supervised By :mohammad ahmed 12/13/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.284	152	3311	0.400	ng/ul	0.00
4) Naphthalene-d8	10.031	136	9459	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.949	164	6426	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.717	188	13741	0.400	ng/ul	# 0.00
17) Chrysene-d12	20.964	240	10688	0.400	ng/ul	# 0.00
23) Perylene-d12	23.057	264	9720m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.959	96	2116	0.699	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.637	152	641	0.046	ng/ul	0.00
18) Fluoranthene-d10	18.768	212	2256	0.077	ng/ul	0.00
Target Compounds						
						Qvalue
7) 2-Methylnaphthalene	11.714	142	668	0.040	ng/ul	96
8) 1-Methylnaphthalene	11.939	142	508	0.030	ng/ul	91
11) Acenaphthene	14.009	153	2682	0.138	ng/ul	98
12) Fluorene	15.013	166	3397	0.148	ng/ul#	97
15) Phenanthrene	16.755	178	37948	1.045	ng/ul	99
16) Anthracene	16.848	178	9788	0.290	ng/ul#	95
19) Fluoranthene	18.800	202	42353	1.138	ng/ul	98
20) Pyrene	19.167	202	32503	0.839	ng/ul	97
21) Benzo(a)anthracene	20.950	228	13150	0.355	ng/ul#	92
22) Chrysene	20.999	228	13712	0.367	ng/ul#	90
24) Benzo(b)fluoranthene	22.446	252	12826m	0.399	ng/ul	
25) Benzo(k)fluoranthene	22.484	252	5354m	0.162	ng/ul	
26) Benzo(a)pyrene	22.966	252	9503	0.324	ng/ul#	71
27) Indeno(1,2,3-cd)pyrene	25.088	276	4534m	0.114	ng/ul	
29) Benzo(g,h,i)perylene	25.701	276	4679	0.150	ng/ul#	84

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121224\
Data File : BN035581.D
Acq On : 12 Dec 2024 12:54
Operator : RC/JU
Sample : P5153-06DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28P4DL

Manual IntegrationsAPPROVED

Quant Time: Dec 12 13:31:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 10 16:10:57 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/13/2024
Supervised By :mohammad ahmed 12/13/2024

