

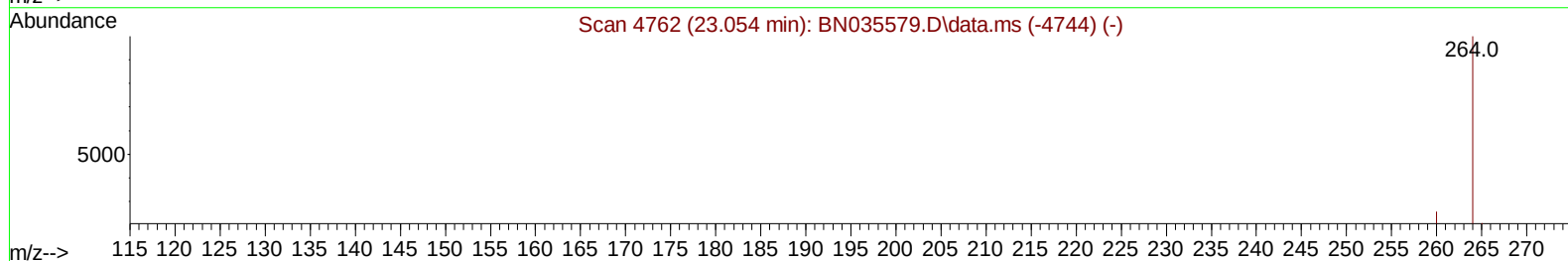
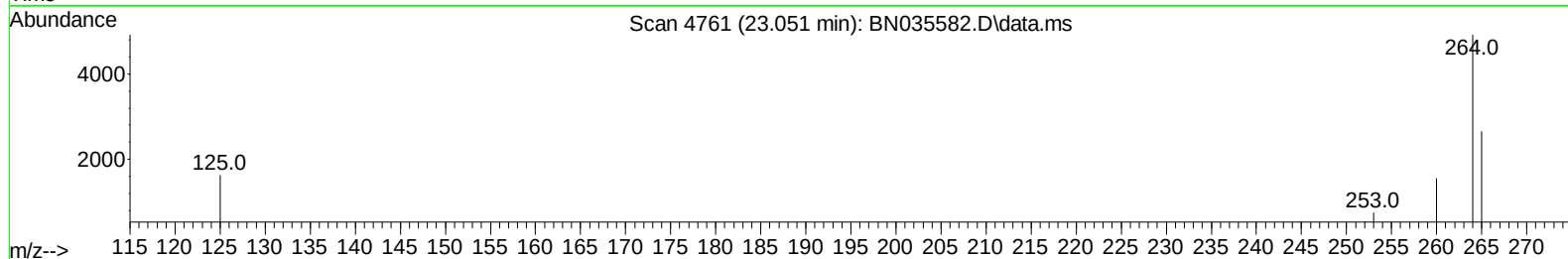
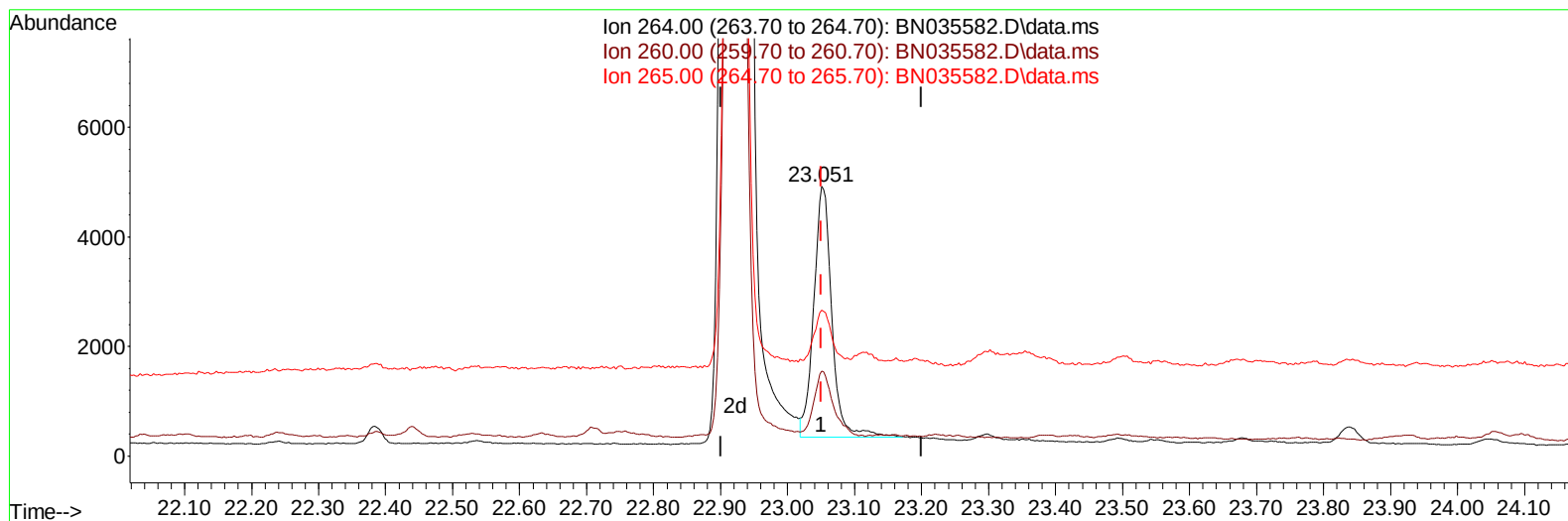
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121224\
Data File : BN035582.D
Acq On : 12 Dec 2024 13:30
Operator : RC/JU
Sample : P5153-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28P8

Manual IntegrationsAPPROVED

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

Quant Time: Dec 12 14:07:13 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



TIC: BN035582.D\data.ms

(23) Perylene-d12 (I)

23.051min (-0.000) 0.40 ng/u1

response 8588

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.20	31.52#
265.00	75.50	54.07#
0.00	0.00	0.00

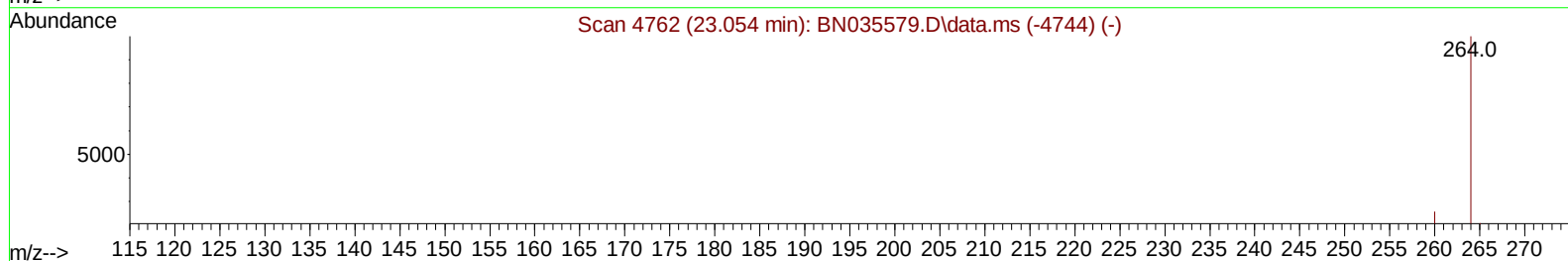
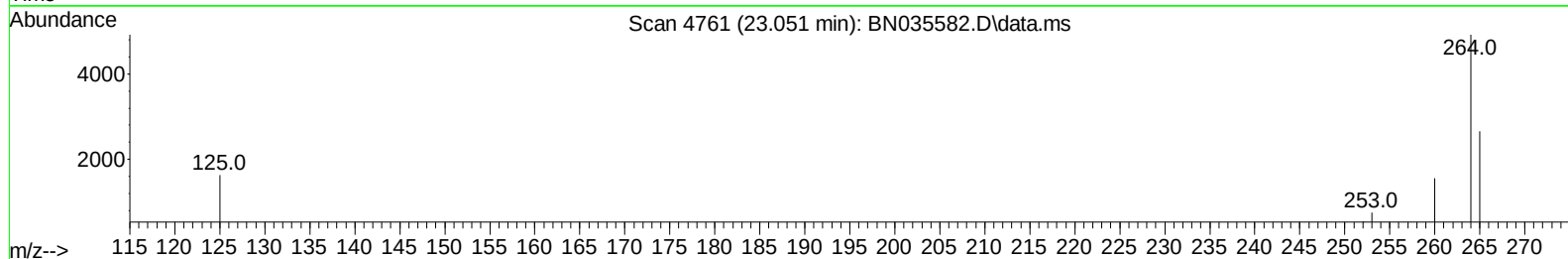
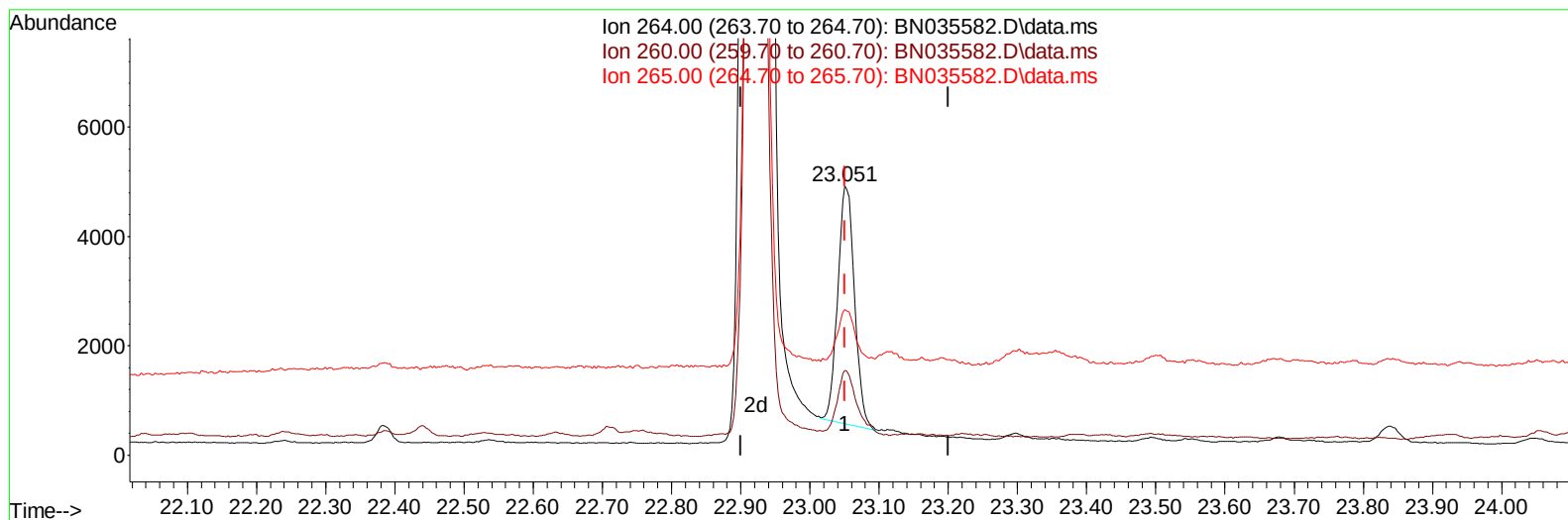
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121224\
Data File : BN035582.D
Acq On : 12 Dec 2024 13:30
Operator : RC/JU
Sample : P5153-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28P8

Manual IntegrationsAPPROVED

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

Quant Time: Dec 12 14:07:13 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



TIC: BN035582.D\data.ms

(23) Perylene-d12 (I)

23.051min (-0.000) 0.40 ng/ul m

response 7352

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.20	31.52#
265.00	75.50	54.07#
0.00	0.00	0.00

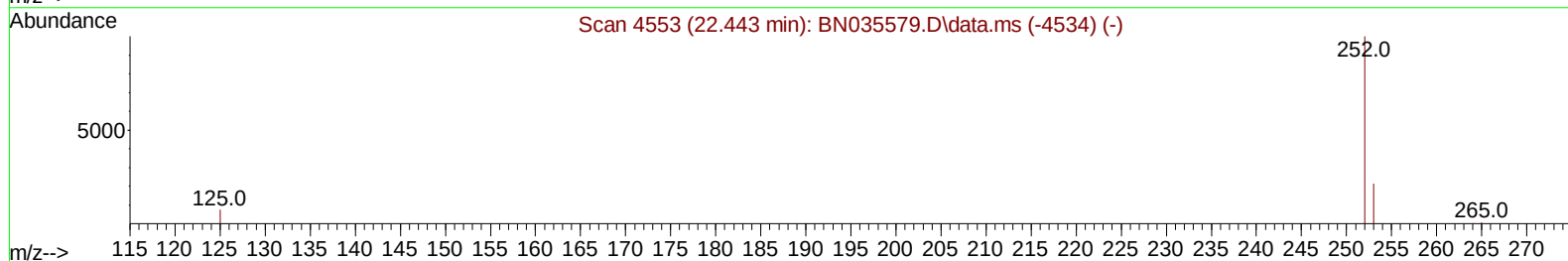
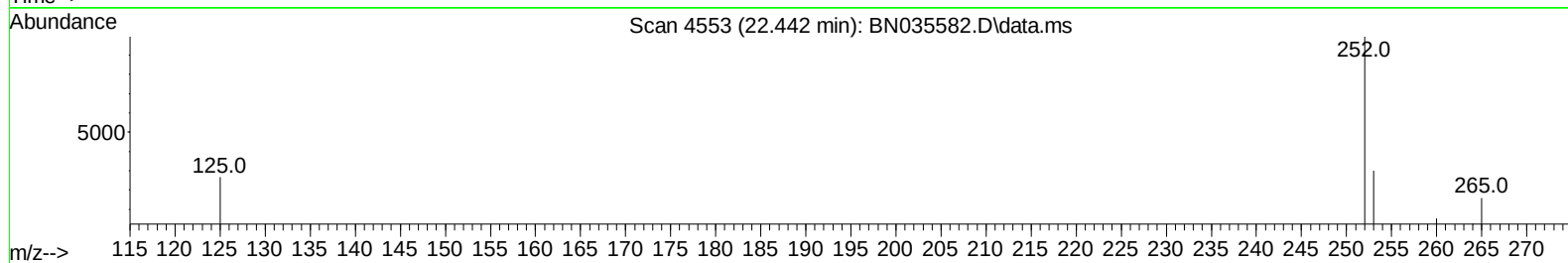
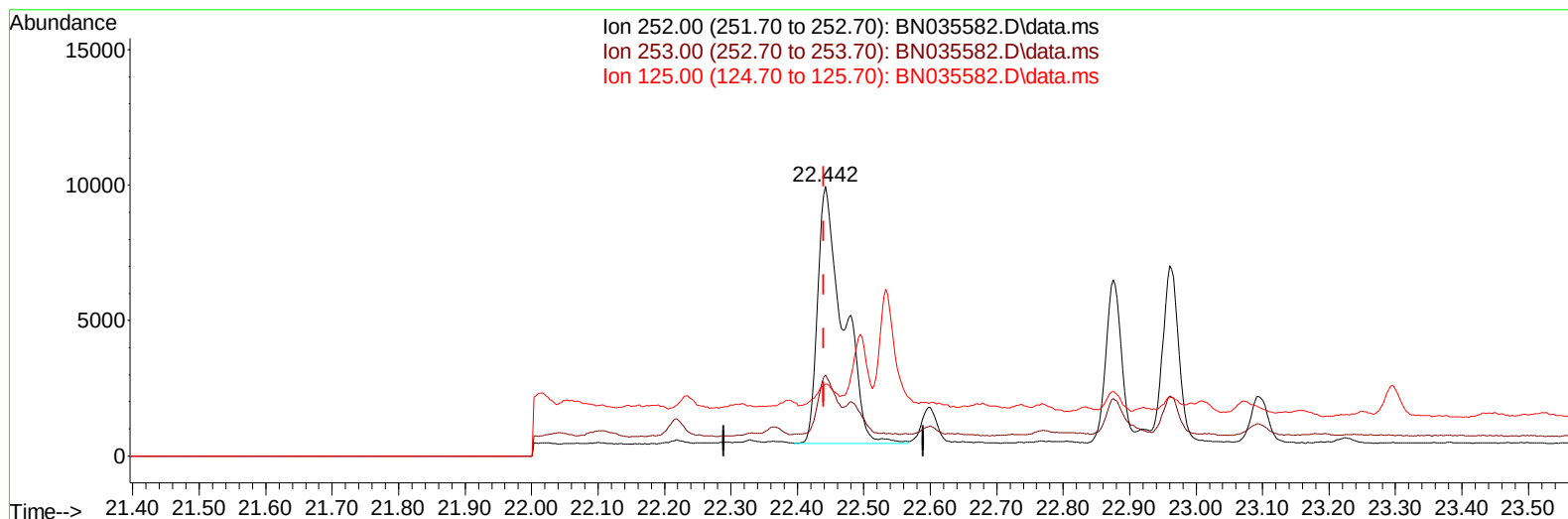
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121224\
Data File : BN035582.D
Acq On : 12 Dec 2024 13:30
Operator : RC/JU
Sample : P5153-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28P8

Manual IntegrationsAPPROVED

Quant Time: Dec 12 14:07:13 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
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Reviewed By :Yogesh Patel 12/13/2024
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TIC: BN035582.D\data.ms

(24) Benzo(b)fluoranthene

22.442min (+ 0.003) 1.04 ng/u1

response 25264

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	30.14
125.00	9.70	26.71#
0.00	0.00	0.00

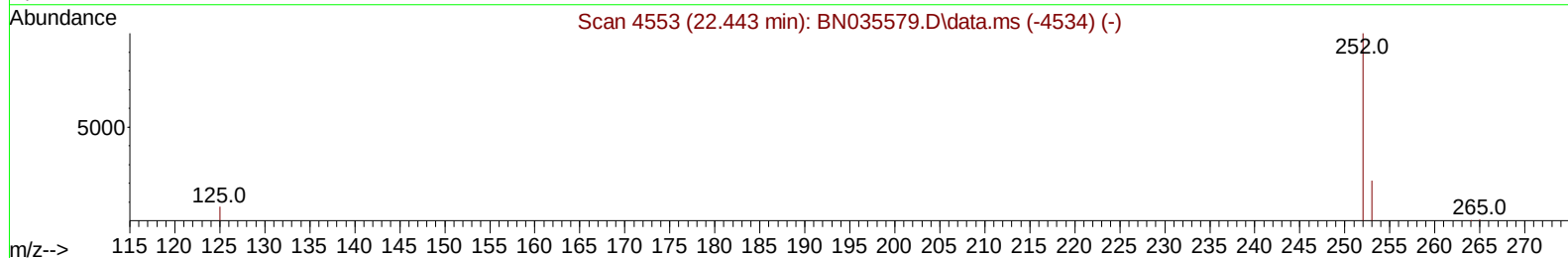
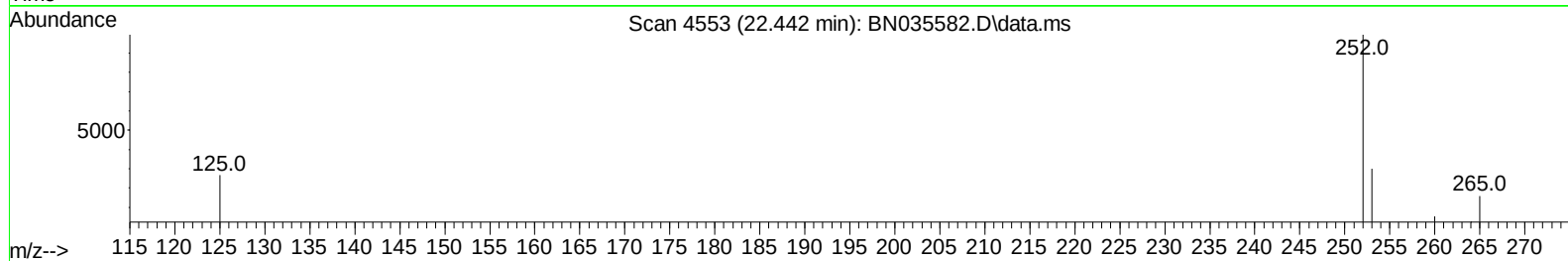
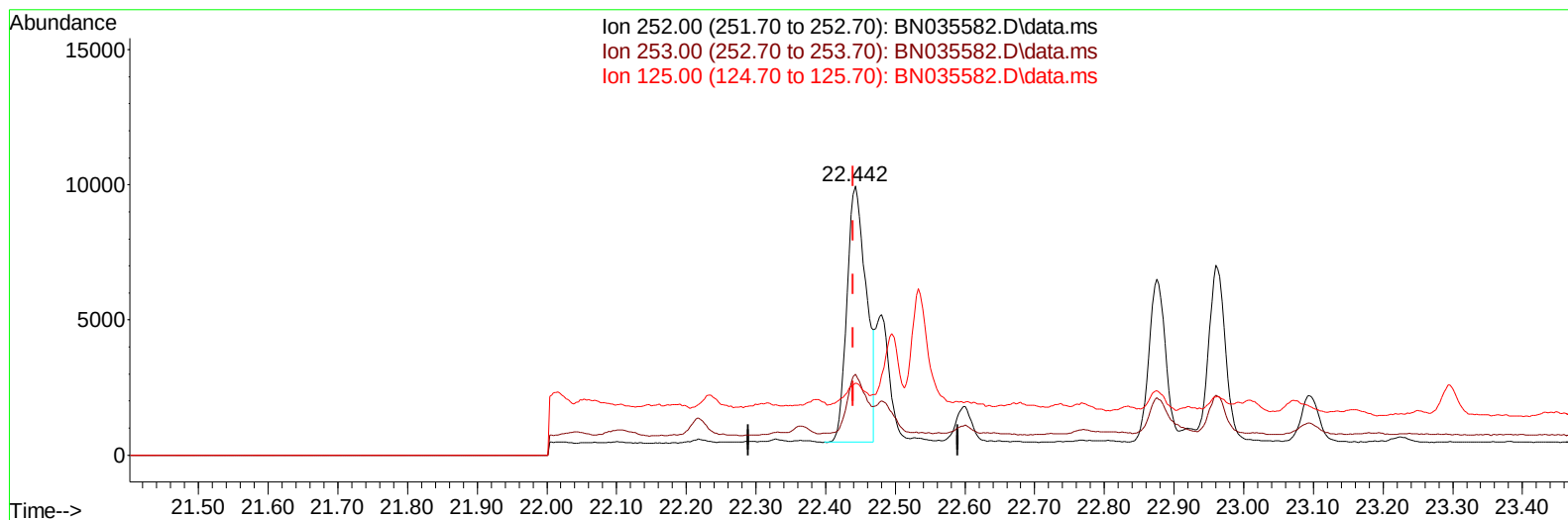
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121224\
Data File : BN035582.D
Acq On : 12 Dec 2024 13:30
Operator : RC/JU
Sample : P5153-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28P8

Manual IntegrationsAPPROVED

Quant Time: Dec 12 14:07:13 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
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Reviewed By :Yogesh Patel 12/13/2024
Supervised By :mohammad ahmed 12/13/2024



TIC: BN035582.D\data.ms

(24) Benzo(b)fluoranthene

22.442min (+ 0.003) 0.76 ng/ul m

response 18401

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	30.14
125.00	9.70	26.71#
0.00	0.00	0.00

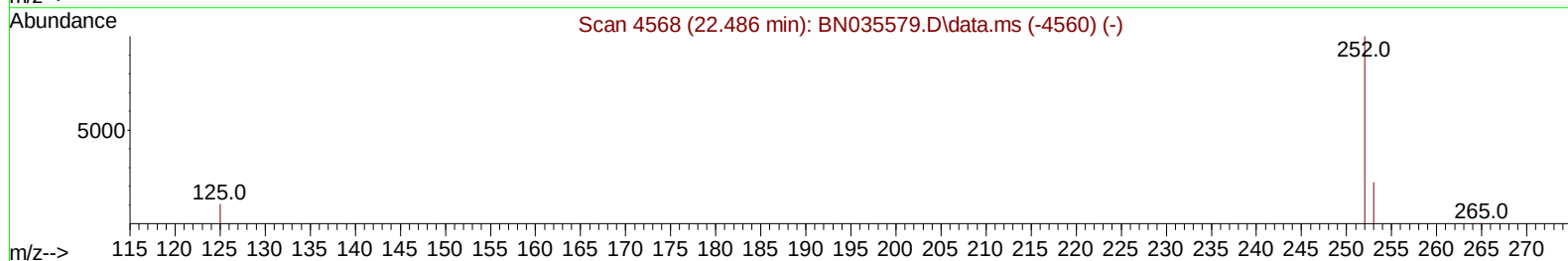
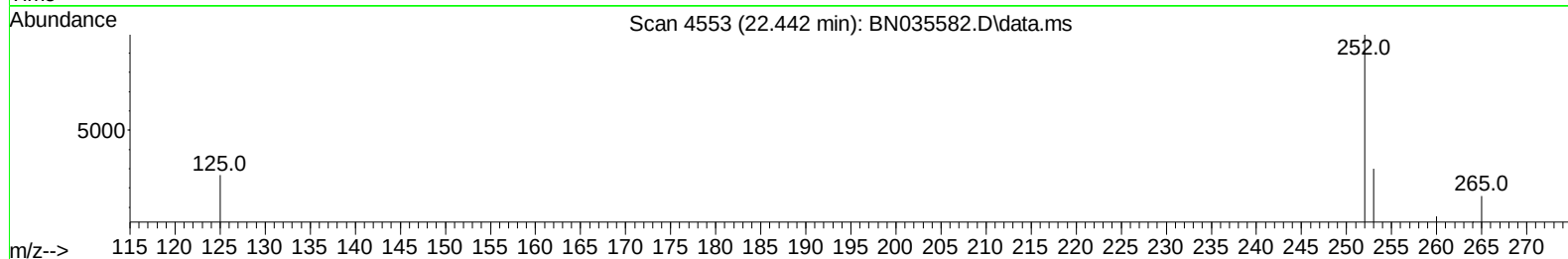
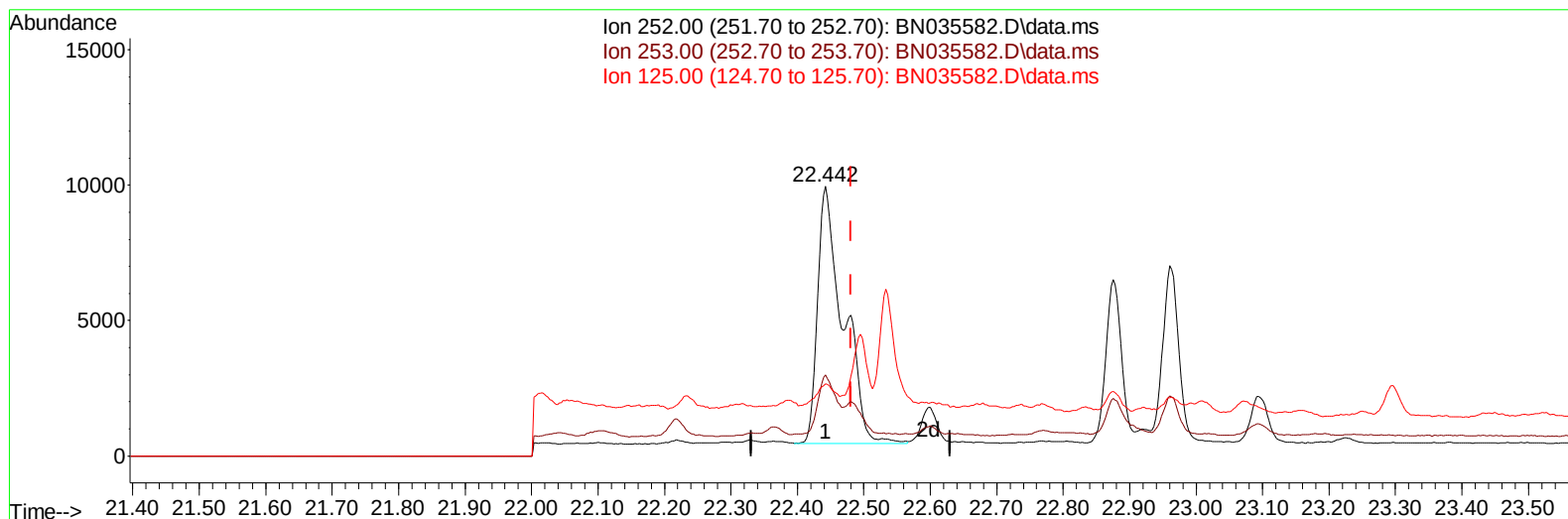
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121224\
Data File : BN035582.D
Acq On : 12 Dec 2024 13:30
Operator : RC/JU
Sample : P5153-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28P8

Manual IntegrationsAPPROVED

Quant Time: Dec 12 14:07:13 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: BN035582.D\data.ms

(25) Benzo(k)fluoranthene

22.442min (-0.038) 1.01 ng/u l

response 25264

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.20	30.14
125.00	10.70	26.71#
0.00	0.00	0.00

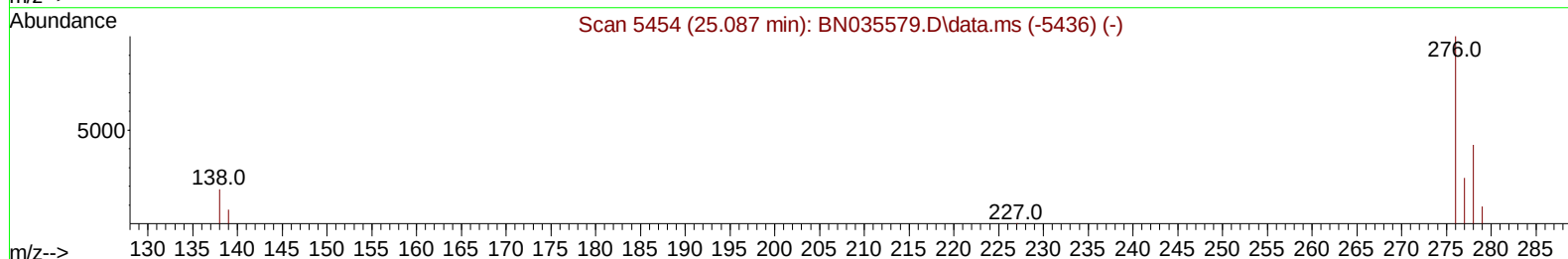
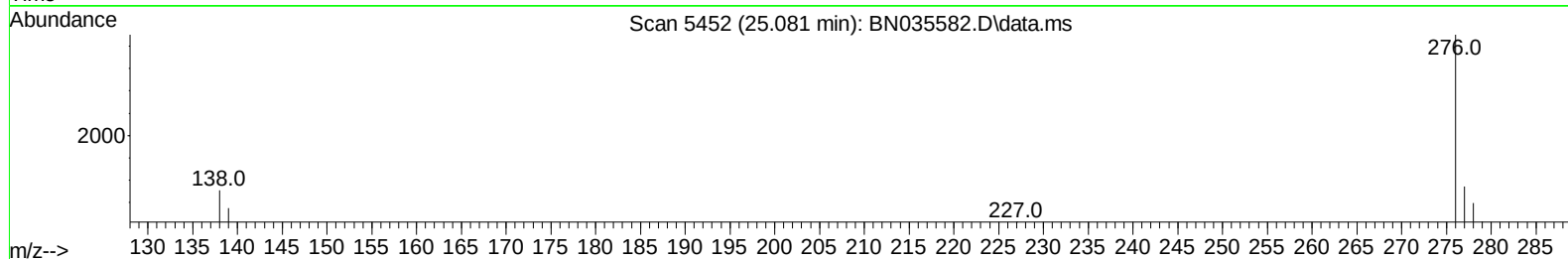
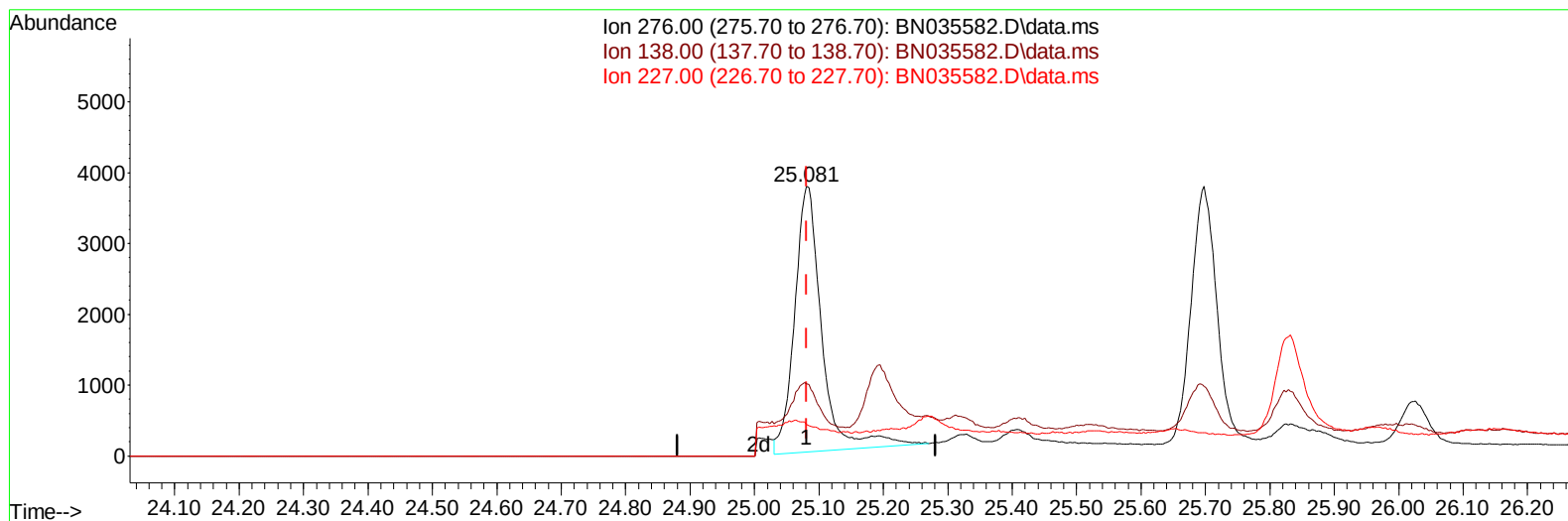
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121224\
Data File : BN035582.D
Acq On : 12 Dec 2024 13:30
Operator : RC/JU
Sample : P5153-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28P8

Manual IntegrationsAPPROVED

Quant Time: Dec 12 14:07:13 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: BN035582.D\data.ms

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

25.081min (-0.000) 0.37 ng/u1

response 10976

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.30	11.98#
227.00	0.30	0.00#
0.00	0.00	0.00

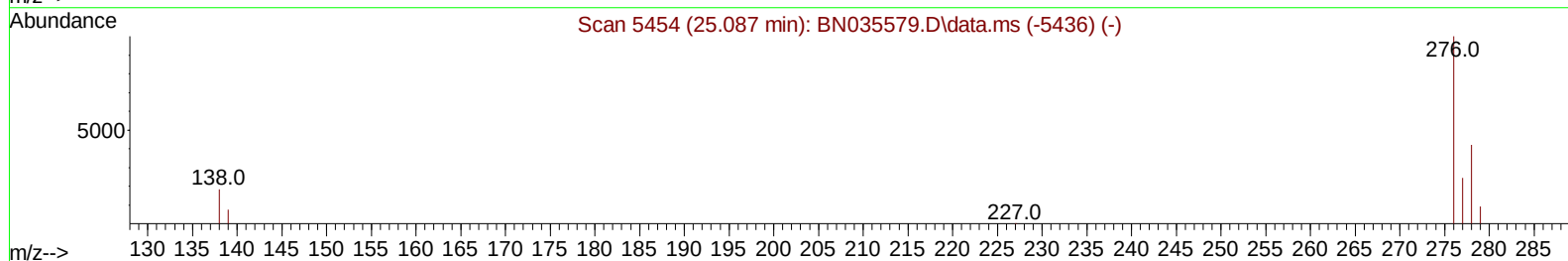
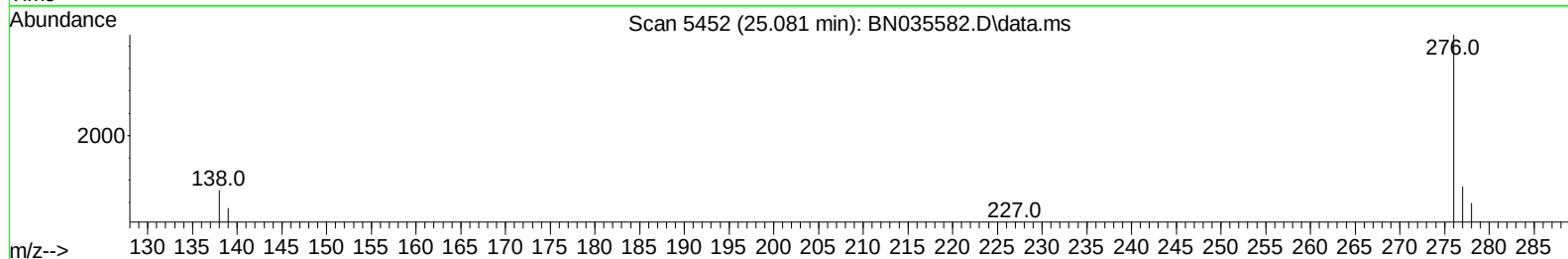
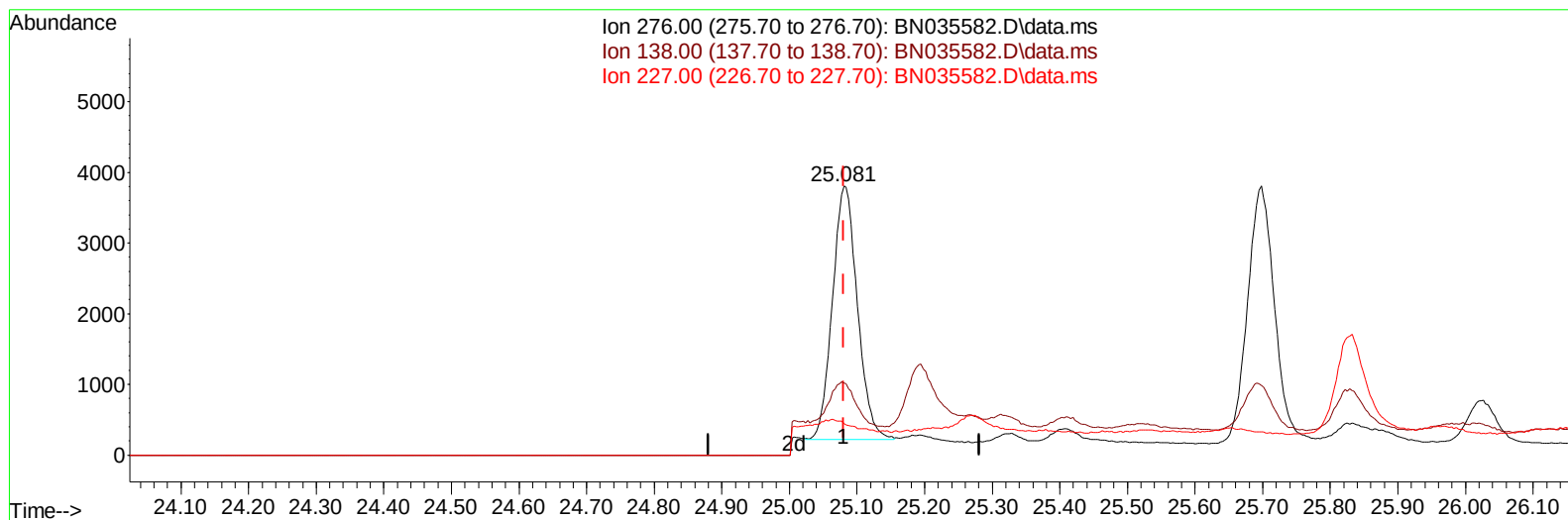
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121224\
Data File : BN035582.D
Acq On : 12 Dec 2024 13:30
Operator : RC/JU
Sample : P5153-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28P8

Manual IntegrationsAPPROVED

Quant Time: Dec 12 14:07:13 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
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Reviewed By :Yogesh Patel 12/13/2024
Supervised By :mohammad ahmed 12/13/2024



TIC: BN035582.D\data.ms

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

25.081min (-0.000) 0.31 ng/ul m

response 9188

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.30	14.31
227.00	0.30	0.00#
0.00	0.00	0.00

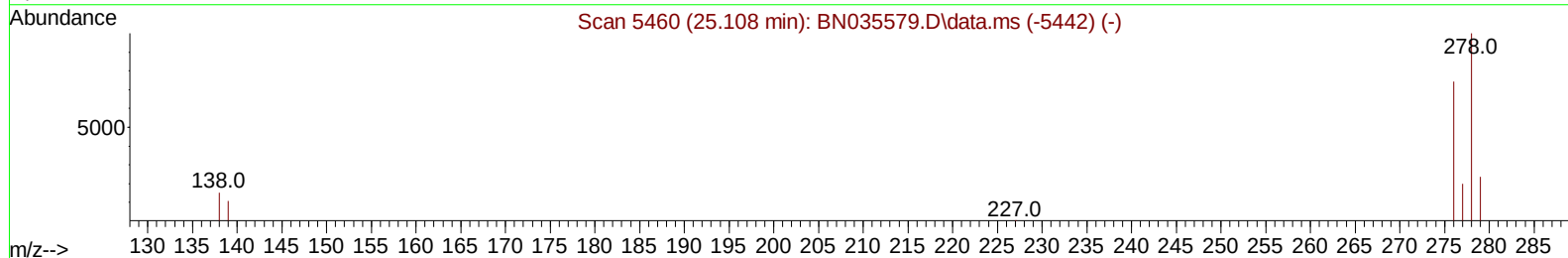
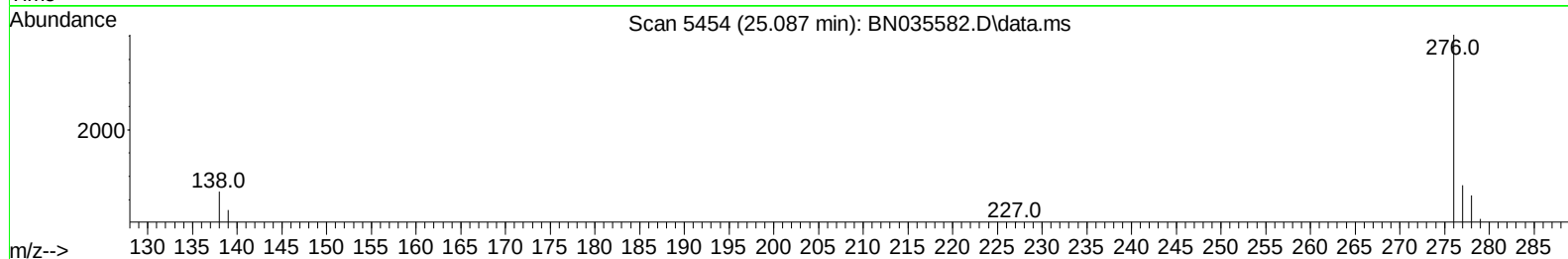
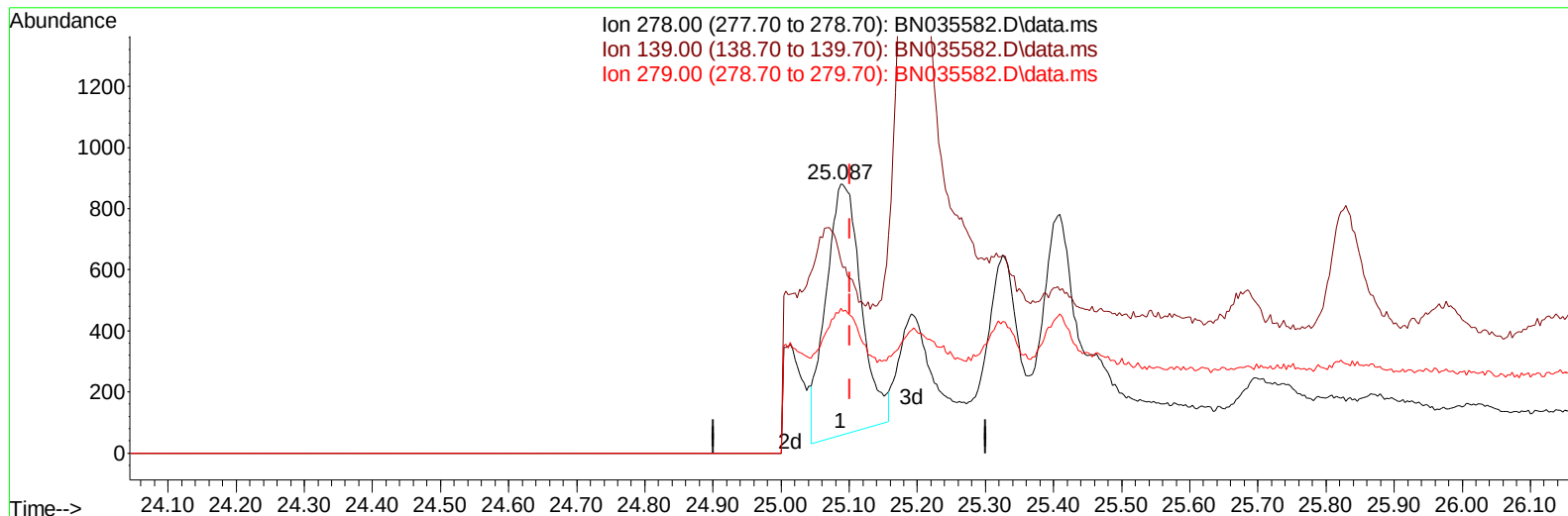
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121224\
Data File : BN035582.D
Acq On : 12 Dec 2024 13:30
Operator : RC/JU
Sample : P5153-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28P8

Manual IntegrationsAPPROVED

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

Quant Time: Dec 12 14:07:13 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



TIC: BN035582.D\data.ms

(28) Dibenzo(a,h)anthracene

25.087min (-0.013) 0.13 ng/u1

response 2958

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.40	71.25#
279.00	28.50	53.98#
0.00	0.00	0.00

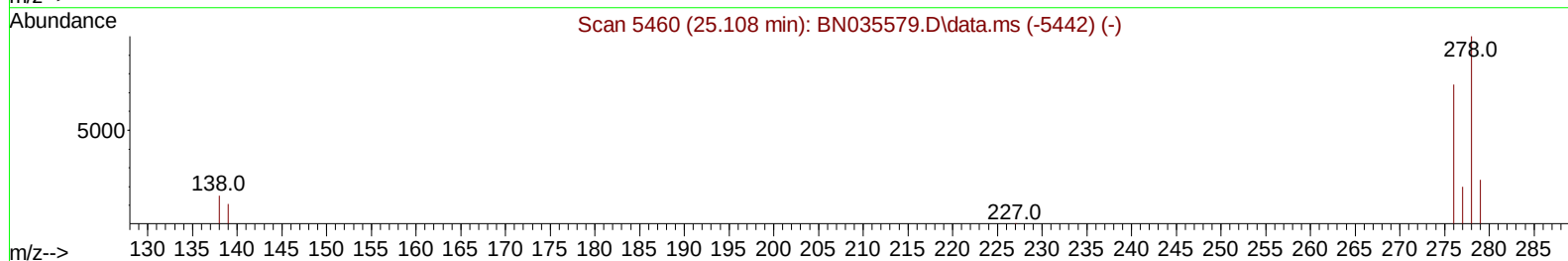
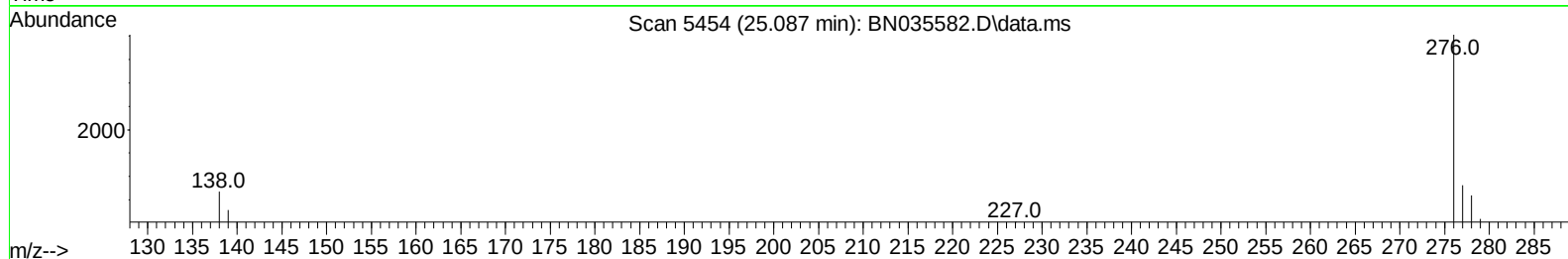
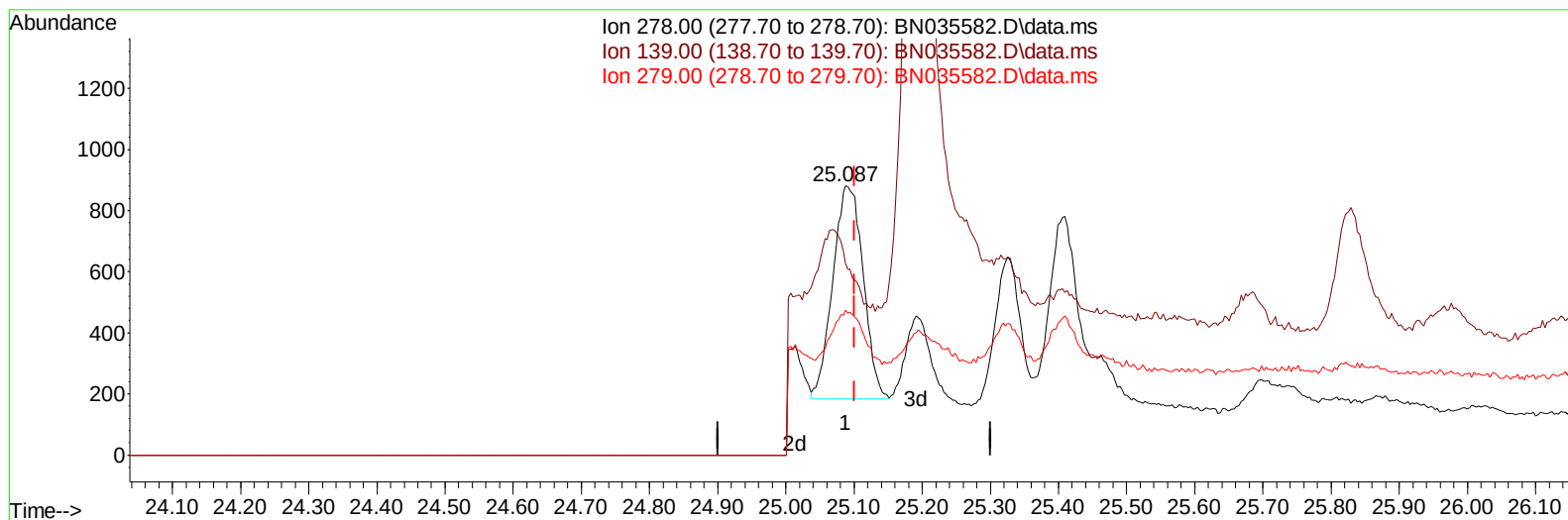
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121224\
Data File : BN035582.D
Acq On : 12 Dec 2024 13:30
Operator : RC/JU
Sample : P5153-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28P8

Manual IntegrationsAPPROVED

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

Quant Time: Dec 12 14:07:13 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



TIC: BN035582.D\data.ms

(28) Dibenzo(a,h)anthracene

25.087min (-0.013) 0.09 ng/ul m

response 2166

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.40	71.25#
279.00	28.50	53.98#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121224\
 Data File : BN035582.D
 Acq On : 12 Dec 2024 13:30
 Operator : RC/JU
 Sample : P5153-11
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28P8

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/13/2024
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 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
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.288	152	2985	0.400	ng/ul	0.00
4) Naphthalene-d8	10.031	136	8354	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.949	164	5235	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.713	188	10351	0.400	ng/ul	# 0.00
17) Chrysene-d12	20.961	240	7033	0.400	ng/ul	# 0.00
23) Perylene-d12	23.051	264	7352m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.963	96	9303	3.410	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.637	152	2213	0.181	ng/ul	0.00
18) Fluoranthene-d10	18.767	212	3467	0.179	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.080	128	3615	0.172	ng/ul	97
7) 2-Methylnaphthalene	11.708	142	2190	0.150	ng/ul	97
8) 1-Methylnaphthalene	11.939	142	1480	0.100	ng/ul	99
10) Acenaphthylene	13.657	152	1266	0.061	ng/ul#	79
11) Acenaphthene	14.009	153	322	0.020	ng/ul#	90
12) Fluorene	15.013	166	584	0.031	ng/ul#	84
15) Phenanthrene	16.755	178	11223	0.410	ng/ul	97
16) Anthracene	16.848	178	2803	0.110	ng/ul#	86
19) Fluoranthene	18.800	202	21603	0.882	ng/ul	99
20) Pyrene	19.167	202	19011	0.746	ng/ul	97
21) Benzo(a)anthracene	20.947	228	9079	0.372	ng/ul#	86
22) Chrysene	20.996	228	13342	0.543	ng/ul#	92
24) Benzo(b)fluoranthene	22.442	252	18401m	0.757	ng/ul	
25) Benzo(k)fluoranthene	22.480	252	6251m	0.249	ng/ul	
26) Benzo(a)pyrene	22.960	252	11031	0.497	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	25.081	276	9188m	0.306	ng/ul	
28) Dibenzo(a,h)anthracene	25.087	278	2166m	0.092	ng/ul	
29) Benzo(g,h,i)perylene	25.698	276	10296	0.435	ng/ul#	89

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121224\
Data File : BN035582.D
Acq On : 12 Dec 2024 13:30
Operator : RC/JU
Sample : P5153-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28P8

Manual IntegrationsAPPROVED

Quant Time: Dec 12 14:07:13 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN11624.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

