

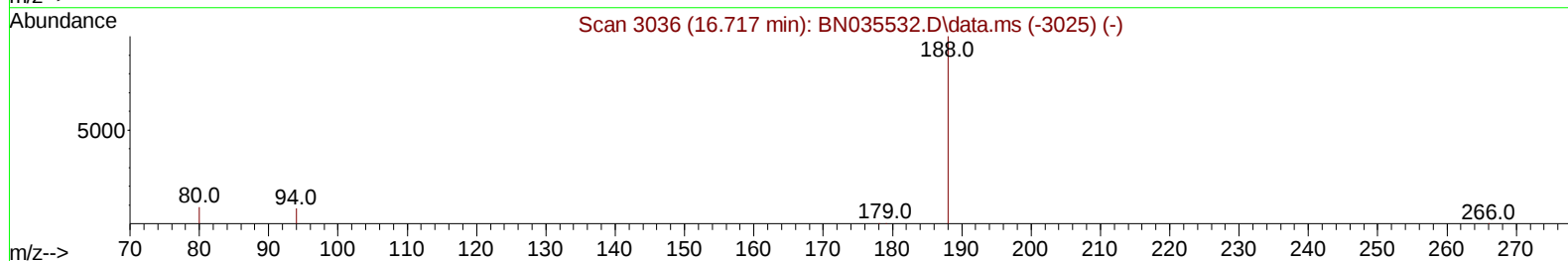
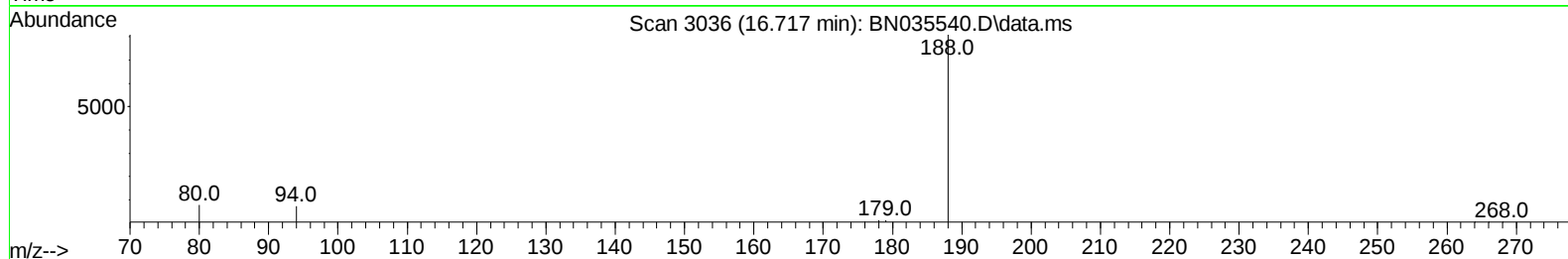
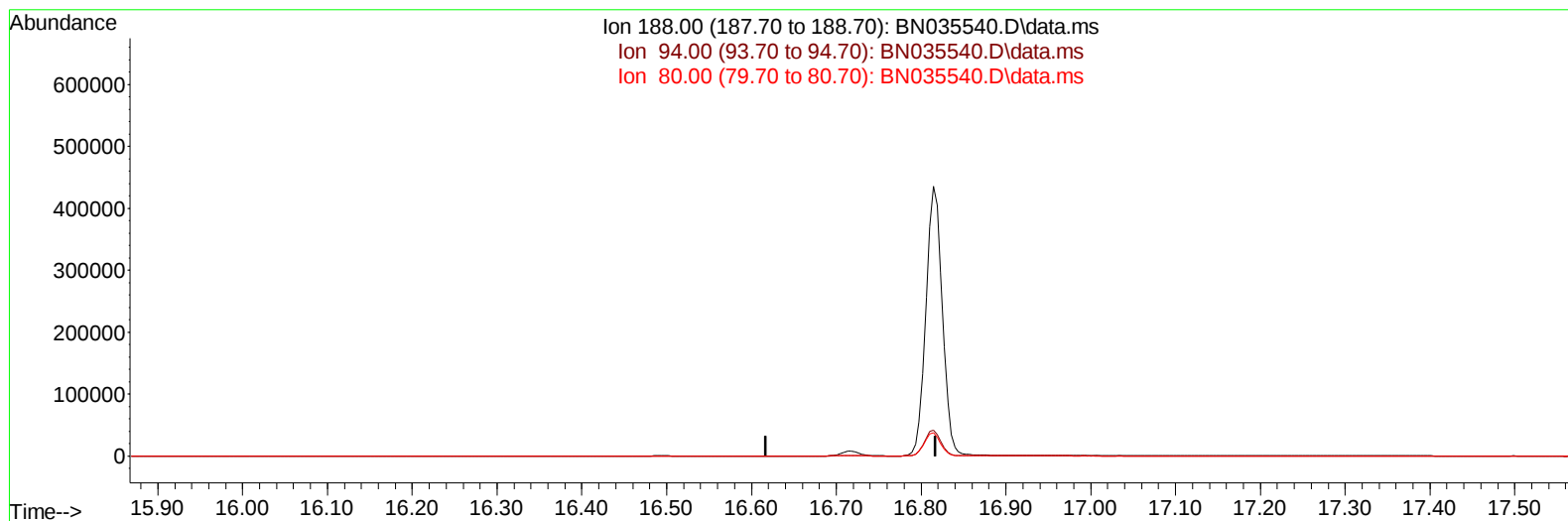
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
Data File : BN035540.D
Acq On : 10 Dec 2024 20:18
Operator : RC/JU
Sample : P5066-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28M7

Manual IntegrationsAPPROVED

Quant Time: Dec 10 22:05:12 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 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



TIC: BN035540.D\data.ms

(13) Phenanthrene-d10 (I)

16.717min (-16.717) 0.00 ng/u1

response 0

Ion	Exp%	Act%
188.00	100.00	0.00
94.00	7.00	0.00#
80.00	7.60	0.00#
0.00	0.00	0.00

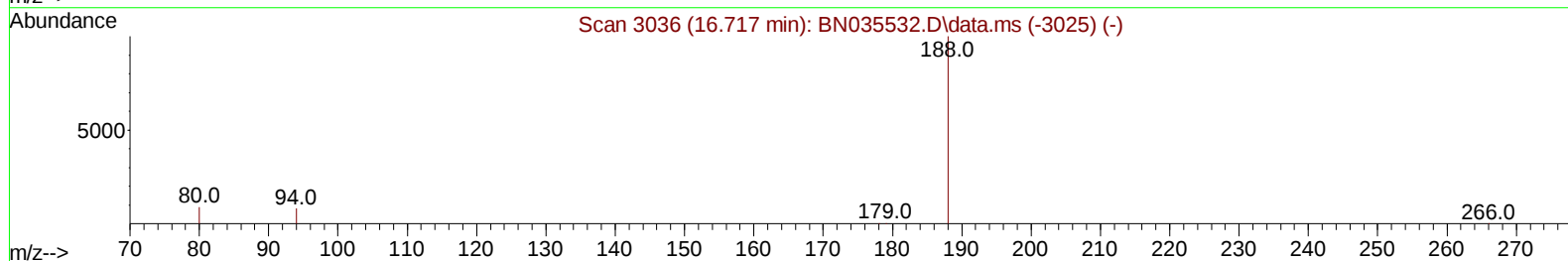
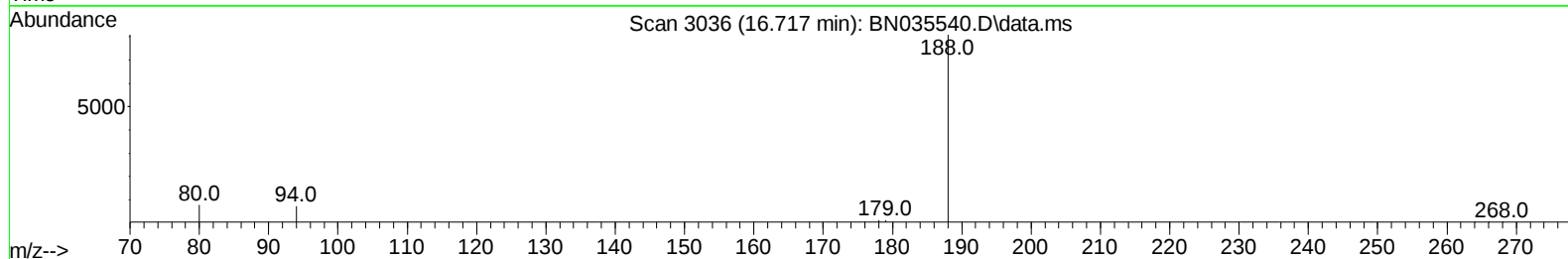
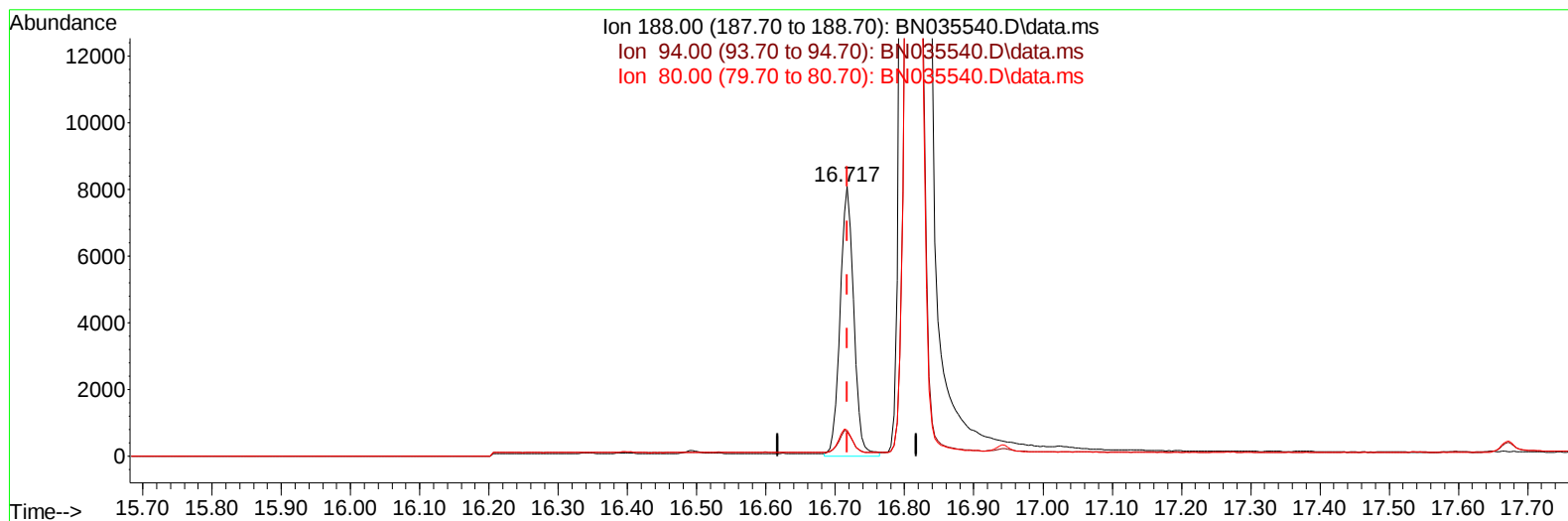
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
Data File : BN035540.D
Acq On : 10 Dec 2024 20:18
Operator : RC/JU
Sample : P5066-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28M7

Manual IntegrationsAPPROVED

Quant Time: Dec 10 22:05:12 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 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



TIC: BN035540.D\data.ms

(13) Phenanthrene-d10 (I)

16.717min (+ 0.000) 0.40 ng/ul m

response 11091

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	7.00	9.17#
80.00	7.60	9.58#
0.00	0.00	0.00

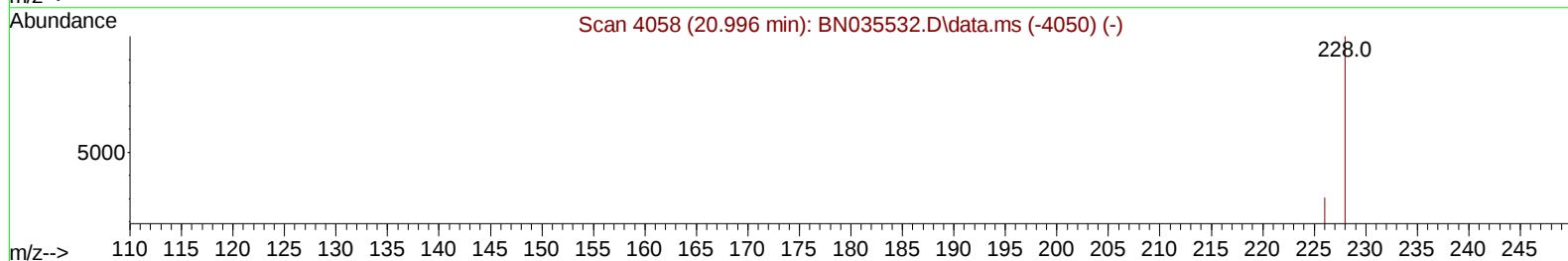
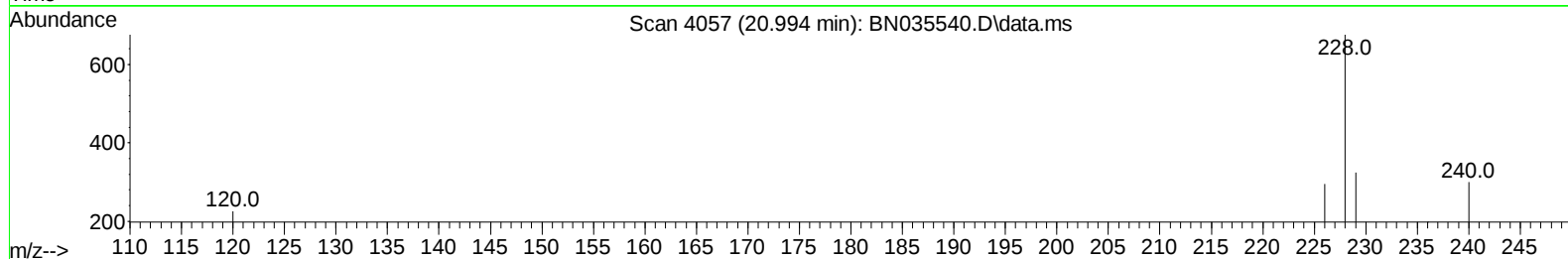
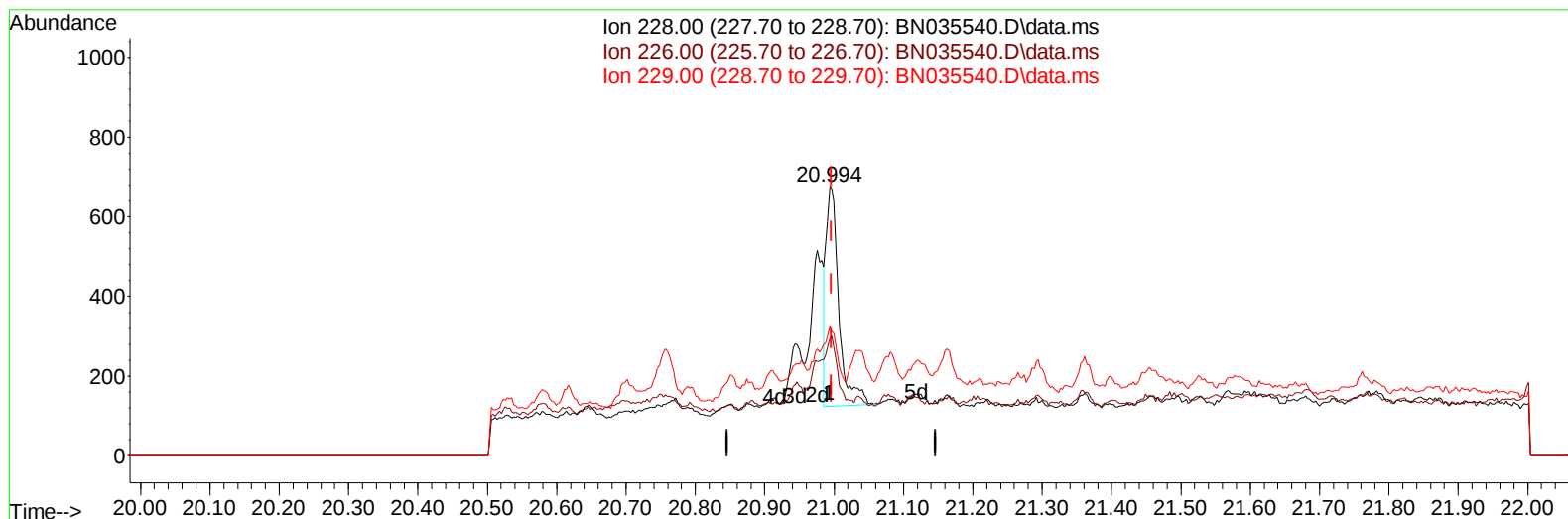
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
Data File : BN035540.D
Acq On : 10 Dec 2024 20:18
Operator : RC/JU
Sample : P5066-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28M7

Manual IntegrationsAPPROVED

Quant Time: Dec 10 22:05:12 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 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



TIC: BN035540.D\data.ms

(22) Chrysene

20.994min (-0.003) 0.02 ng/u1

response 711

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.90	43.79#
229.00	20.00	48.08#
0.00	0.00	0.00

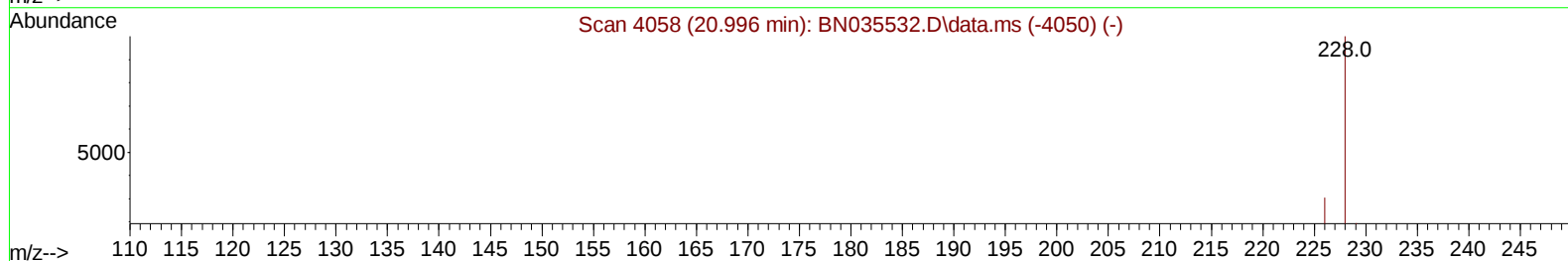
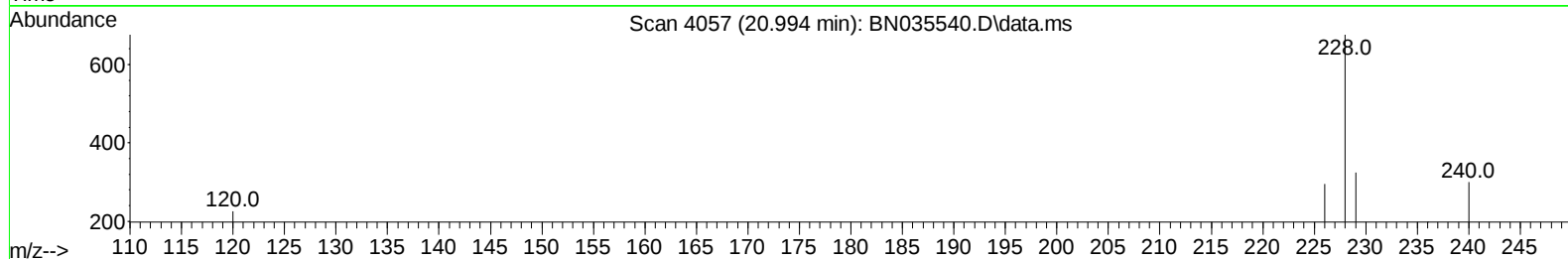
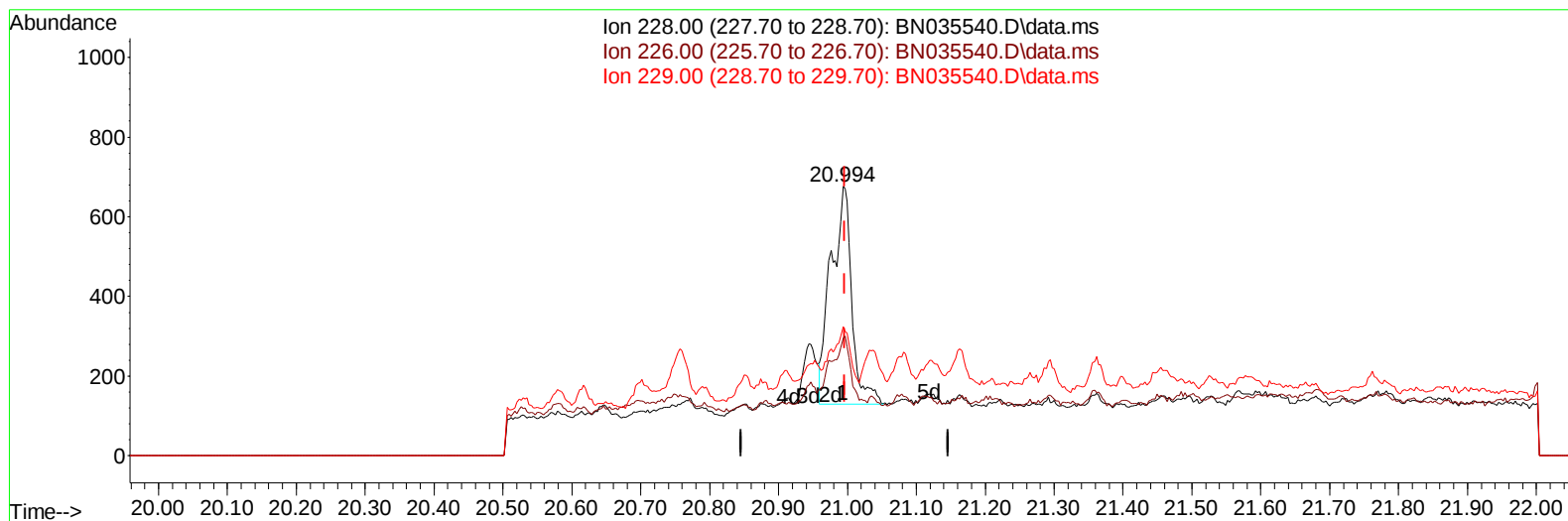
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
Data File : BN035540.D
Acq On : 10 Dec 2024 20:18
Operator : RC/JU
Sample : P5066-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28M7

Manual IntegrationsAPPROVED

Quant Time: Dec 10 22:05:12 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 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



TIC: BN035540.D\data.ms

(22) Chrysene

20.994min (-0.003) 0.04 ng/ul m

response 1156

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.90	43.79#
229.00	20.00	48.08#
0.00	0.00	0.00

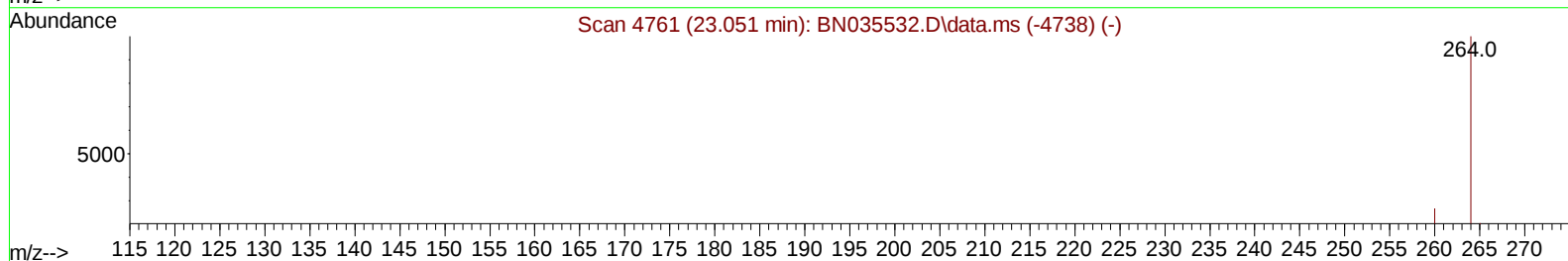
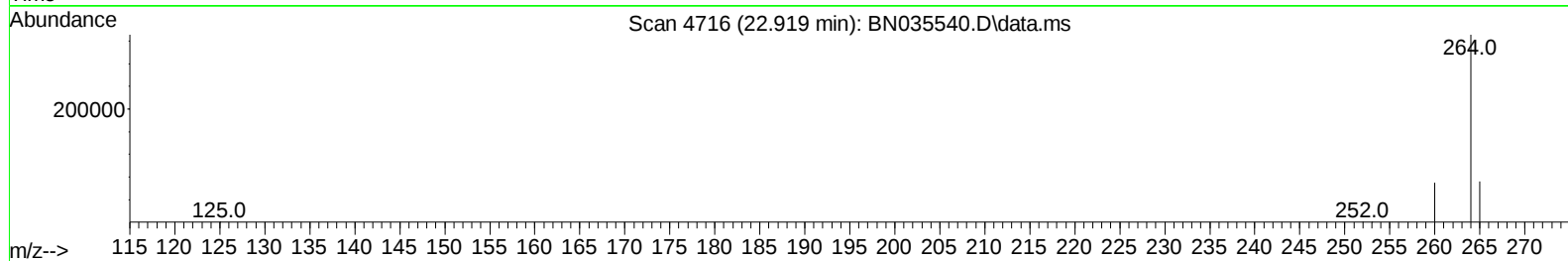
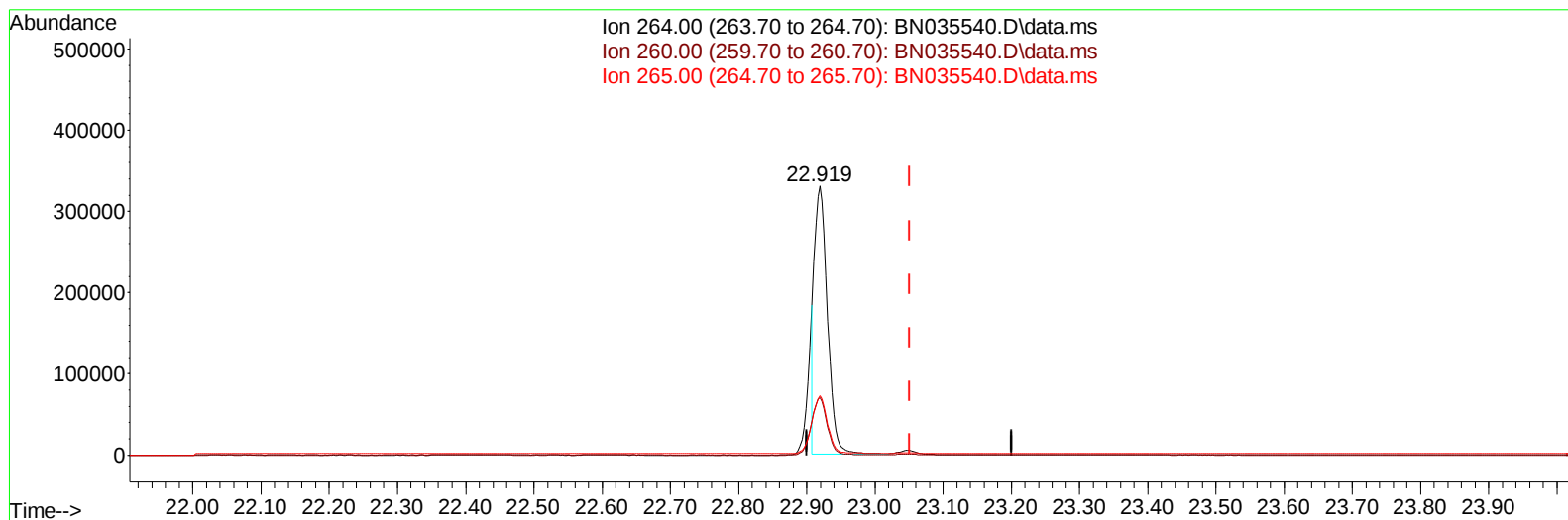
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
Data File : BN035540.D
Acq On : 10 Dec 2024 20:18
Operator : RC/JU
Sample : P5066-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28M7

Manual IntegrationsAPPROVED

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

Quant Time: Dec 10 22:05:12 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: BN035540.D\data.ms

(23) Perylene-d12 (I)

22.919min (-0.131) 0.40 ng/u1

response 432837

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.20	21.30
265.00	75.50	22.00#
0.00	0.00	0.00

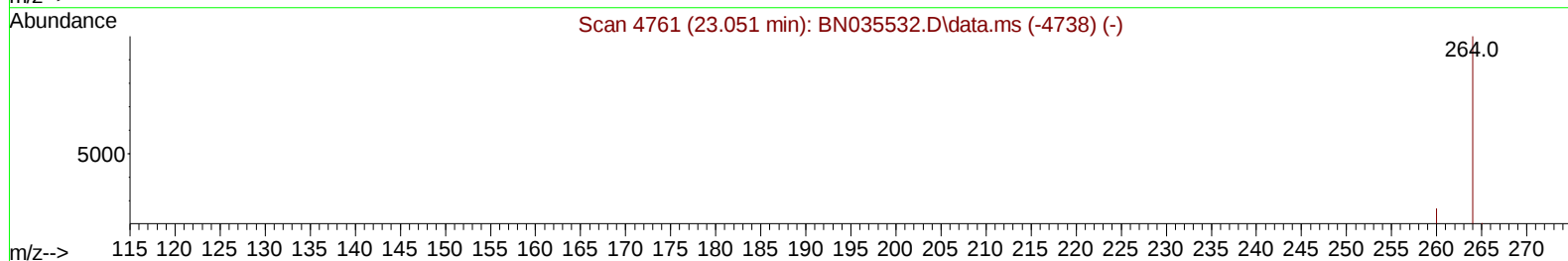
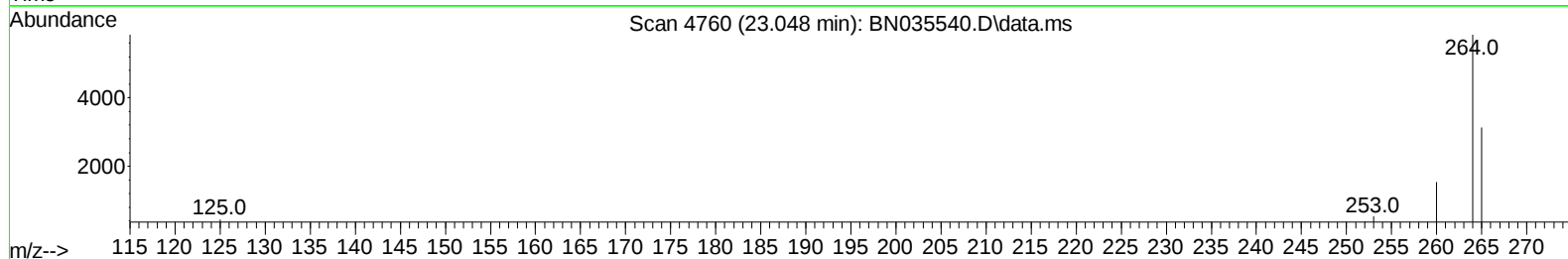
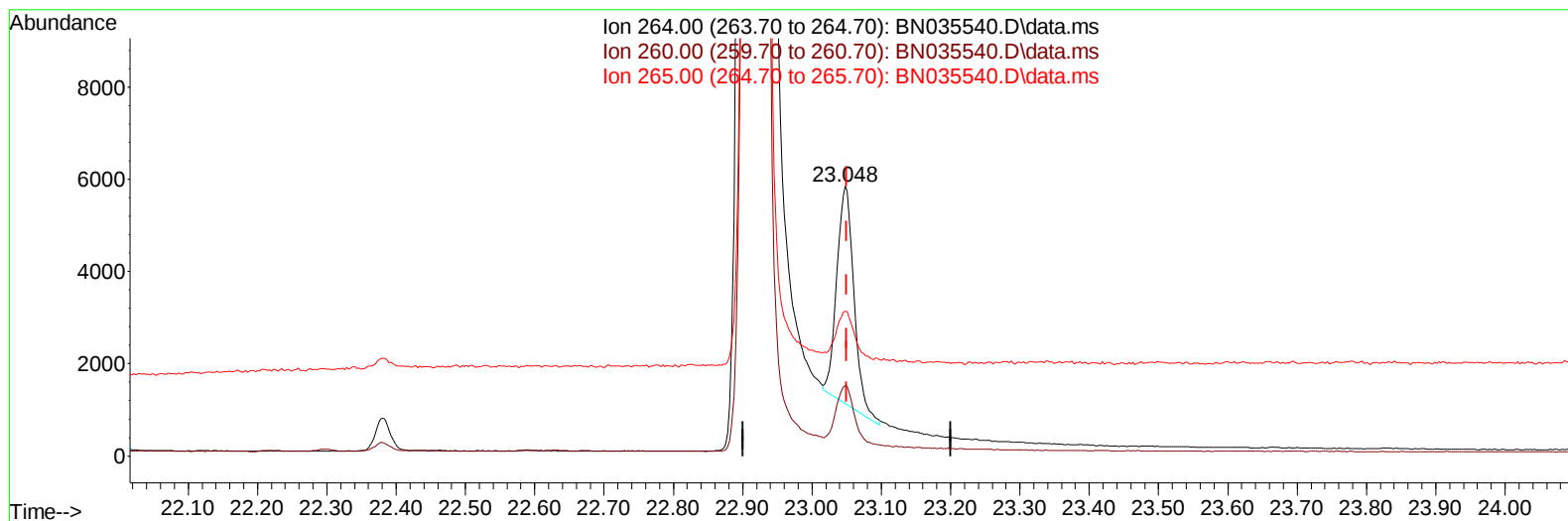
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
Data File : BN035540.D
Acq On : 10 Dec 2024 20:18
Operator : RC/JU
Sample : P5066-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28M7

Manual IntegrationsAPPROVED

Quant Time: Dec 10 22:05:12 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 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



TIC: BN035540.D\data.ms

(23) Perylene-d12 (I)

23.048min (-0.003) 0.40 ng/ul m

response 8063

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.20	26.18
265.00	75.50	53.76#
0.00	0.00	0.00

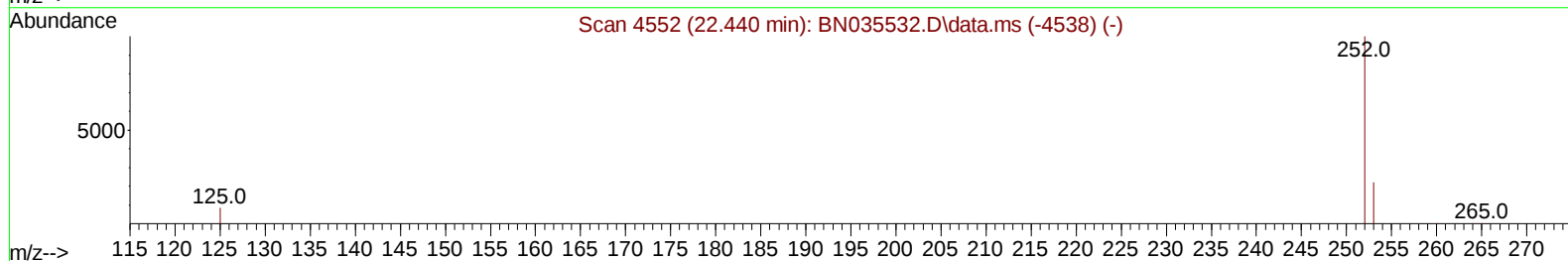
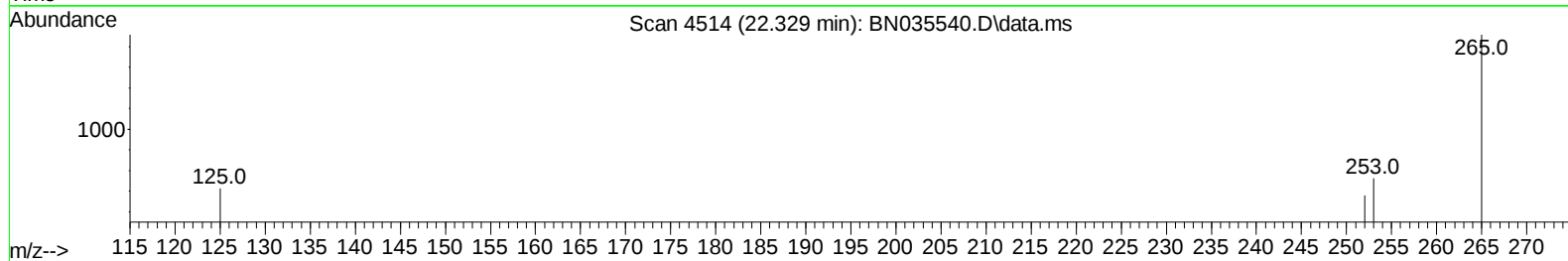
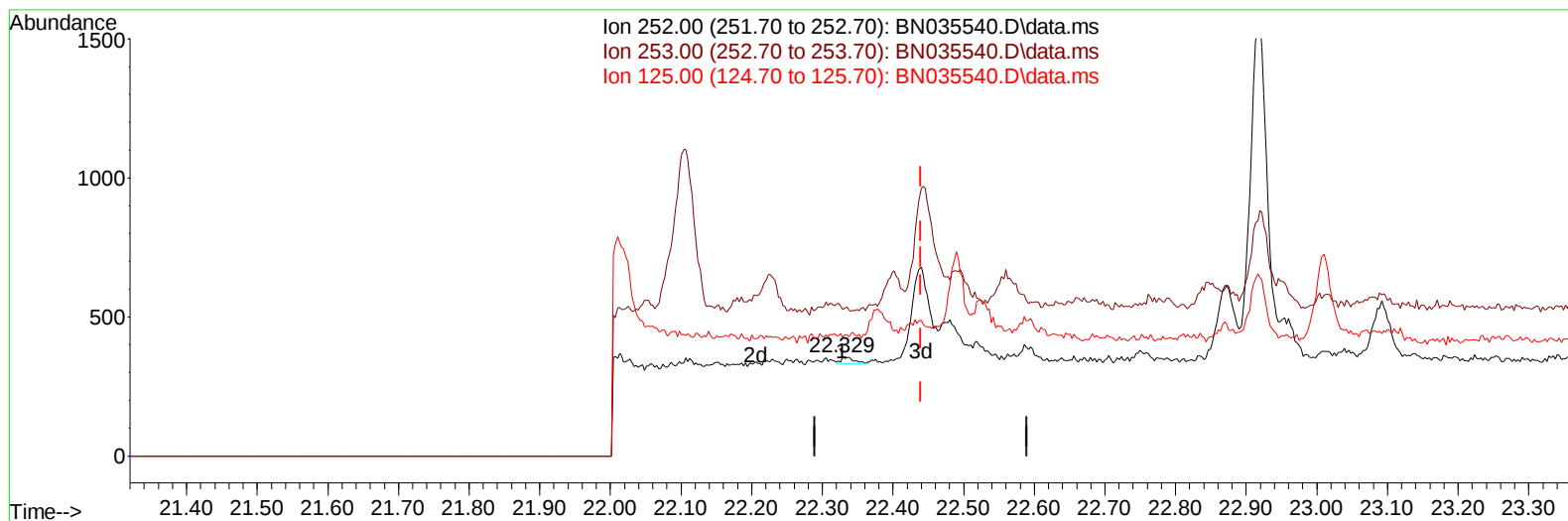
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
Data File : BN035540.D
Acq On : 10 Dec 2024 20:18
Operator : RC/JU
Sample : P5066-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28M7

Manual IntegrationsAPPROVED

Quant Time: Dec 10 22:05:12 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 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



TIC: BN035540.D\data.ms

(24) Benzo(b)fluoranthene

22.329min (-0.111) 0.00 ng/u1

response 26

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	147.62#
125.00	9.70	119.33#
0.00	0.00	0.00

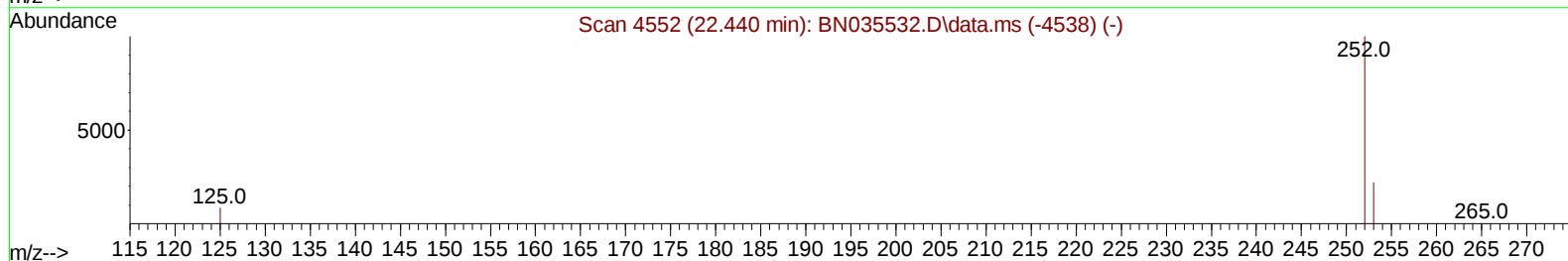
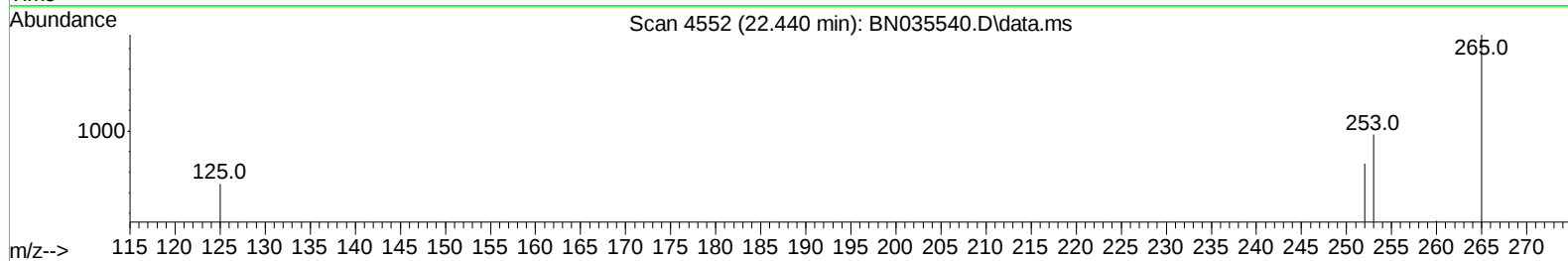
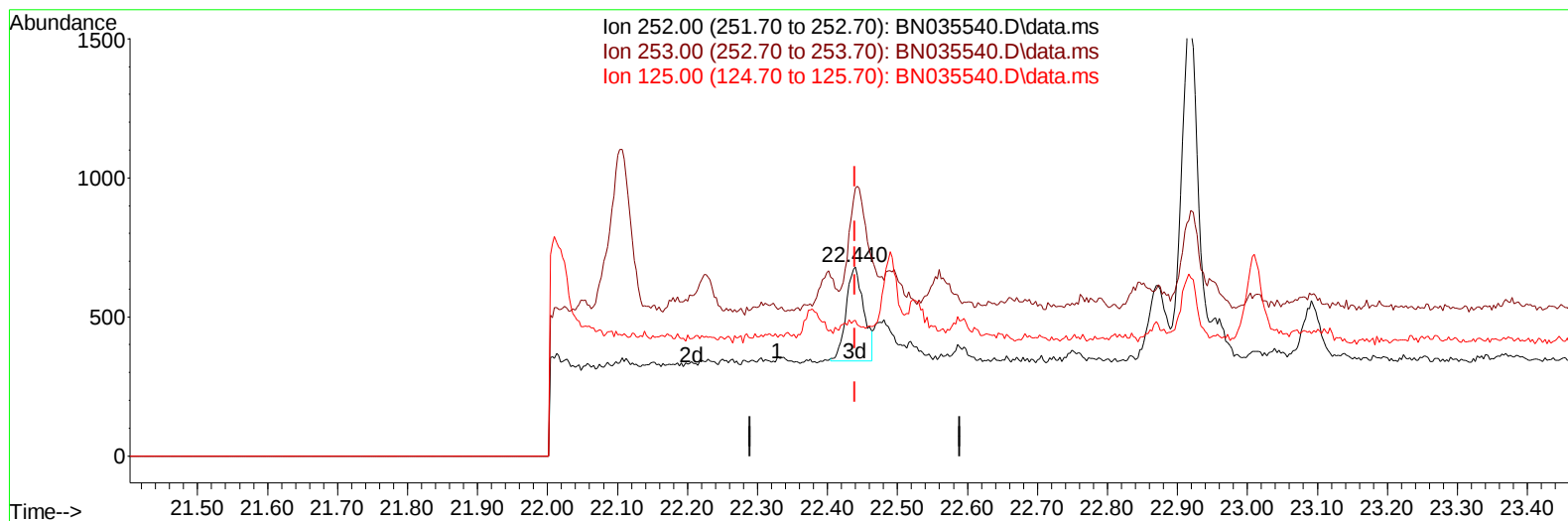
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
Data File : BN035540.D
Acq On : 10 Dec 2024 20:18
Operator : RC/JU
Sample : P5066-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28M7

Manual IntegrationsAPPROVED

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

Quant Time: Dec 10 22:05:12 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: BN035540.D\data.ms

(24) Benzo(b)fluoranthene

22.440min (+ 0.000) 0.02 ng/u1 m

response 595

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	141.76#
125.00	9.70	71.76#
0.00	0.00	0.00

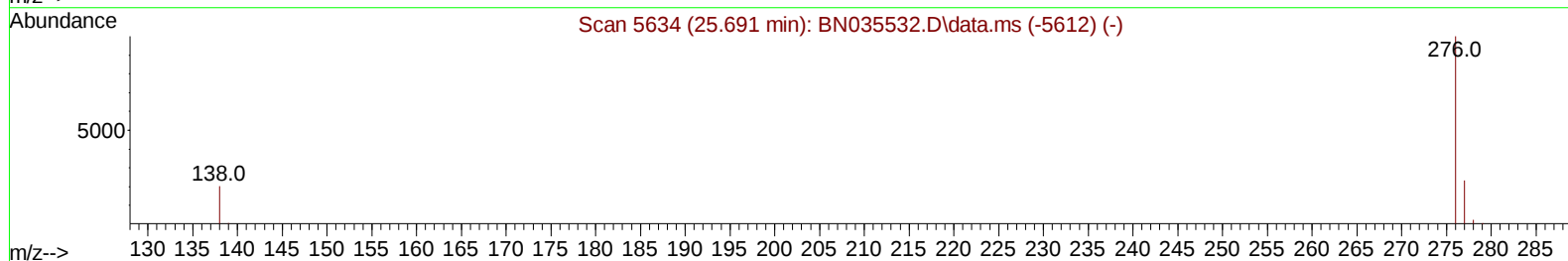
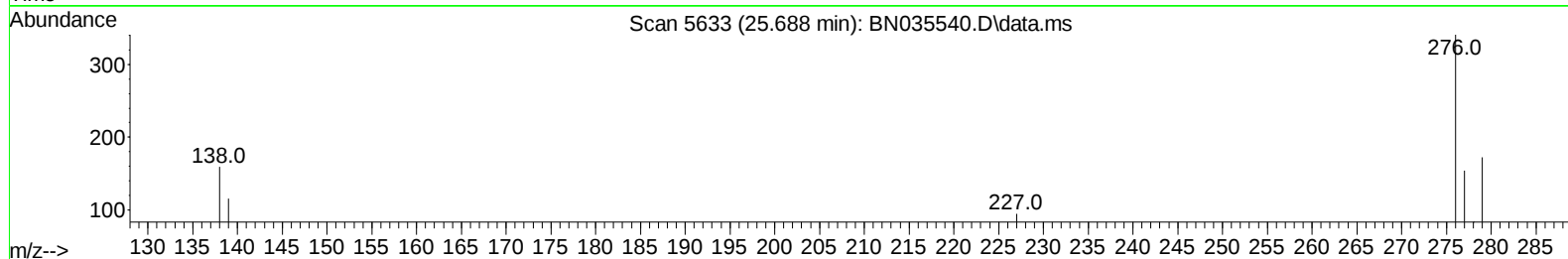
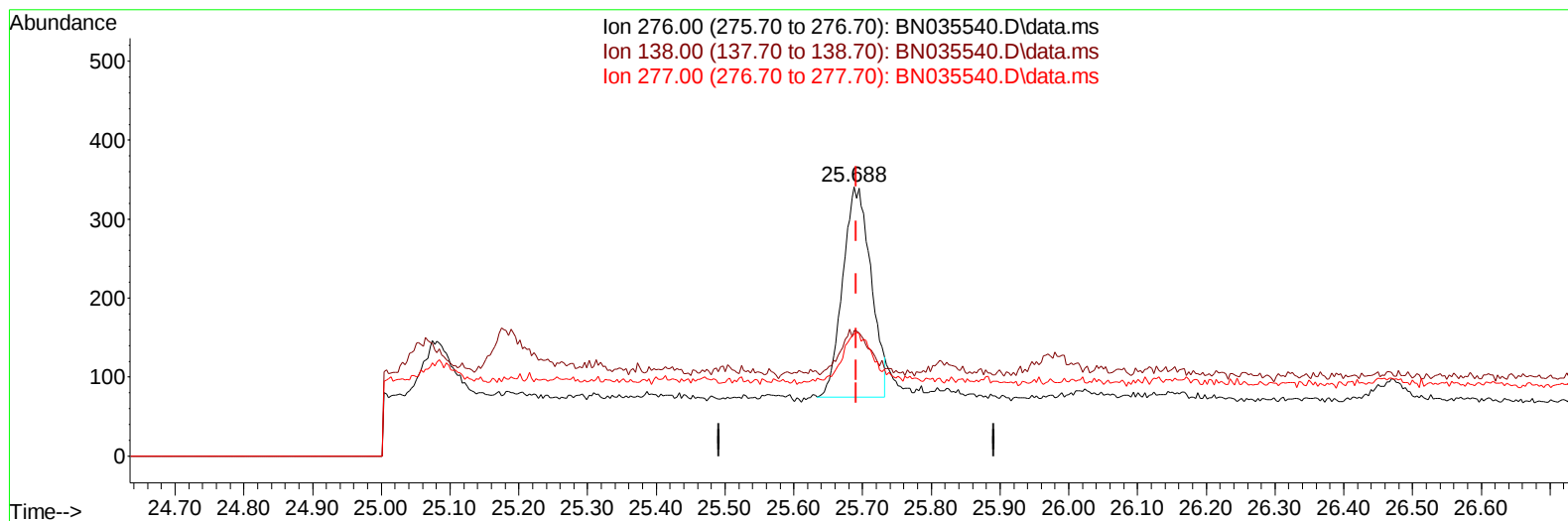
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
Data File : BN035540.D
Acq On : 10 Dec 2024 20:18
Operator : RC/JU
Sample : P5066-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28M7

Manual IntegrationsAPPROVED

Quant Time: Dec 10 22:05:12 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 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



TIC: BN035540.D\data.ms

(29) Benzo(g,h,i)perylene

25.688min (-0.003) 0.03 ng/u1

response 756

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	16.30	46.63#
277.00	25.60	45.16#
0.00	0.00	0.00

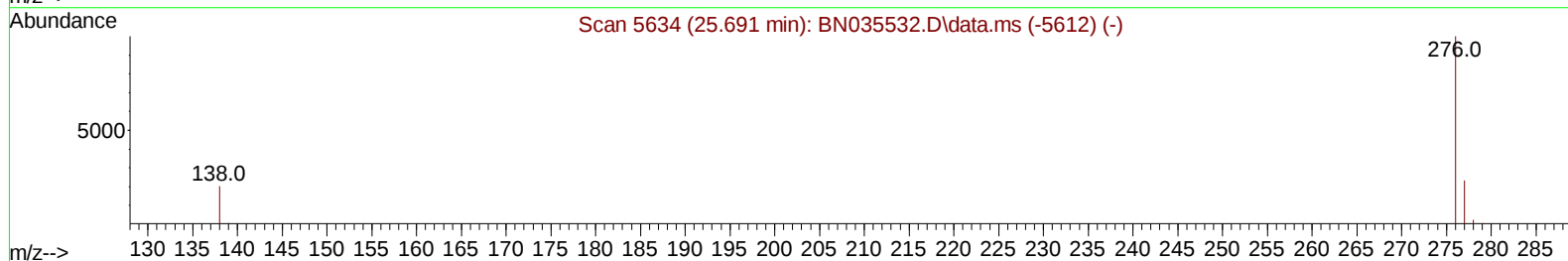
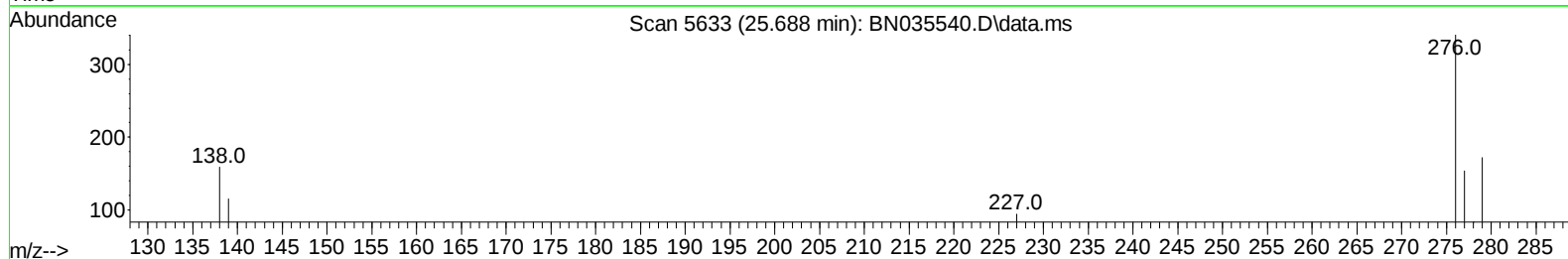
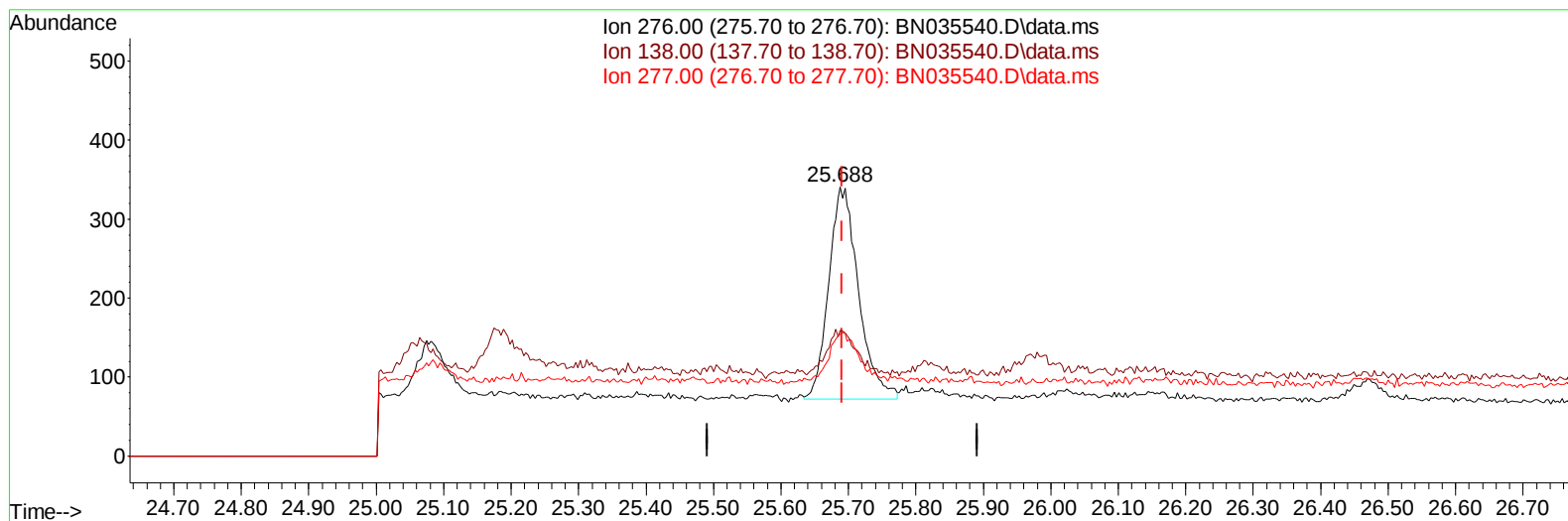
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
Data File : BN035540.D
Acq On : 10 Dec 2024 20:18
Operator : RC/JU
Sample : P5066-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28M7

Manual IntegrationsAPPROVED

Quant Time: Dec 10 22:05:12 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 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



TIC: BN035540.D\data.ms

(29) Benzo(g,h,i)perylene

25.688min (-0.003) 0.03 ng/u1 m

response 826

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	16.30	46.63#
277.00	25.60	45.16#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
 Data File : BN035540.D
 Acq On : 10 Dec 2024 20:18
 Operator : RC/JU
 Sample : P5066-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28M7

Manual IntegrationsAPPROVED

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

Quant Time: Dec 10 22:05:12 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

Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.293	152		3013	0.400	ng/ul	0.00
4) Naphthalene-d8	10.037	136		8312	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	13.949	164		5253	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.717	188		11091m	0.400	ng/ul	0.00
17) Chrysene-d12	20.961	240		8277	0.400	ng/ul	# 0.00
23) Perylene-d12	23.048	264		8063m	0.400	ng/ul	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	2.959	96		13259	4.815	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.637	152		3027	0.249	ng/ul	0.00
18) Fluoranthene-d10	18.768	212		6531	0.286	ng/ul	0.00
Target Compounds							Qvalue
7) 2-Methylnaphthalene	11.714	142		362	0.025	ng/ul	88
8) 1-Methylnaphthalene	11.939	142		359	0.024	ng/ul	85
15) Phenanthrene	16.760	178		1548	0.053	ng/ul#	84
22) Chrysene	20.994	228		1156m	0.040	ng/ul	
24) Benzo(b)fluoranthene	22.440	252		595m	0.022	ng/ul	
29) Benzo(g,h,i)perylene	25.688	276		826m	0.032	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
Data File : BN035540.D
Acq On : 10 Dec 2024 20:18
Operator : RC/JU
Sample : P5066-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28M7

Manual IntegrationsAPPROVED

Quant Time: Dec 10 22:05:12 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 12/12/2024
Supervised By :mohammad ahmed 12/12/2024

