

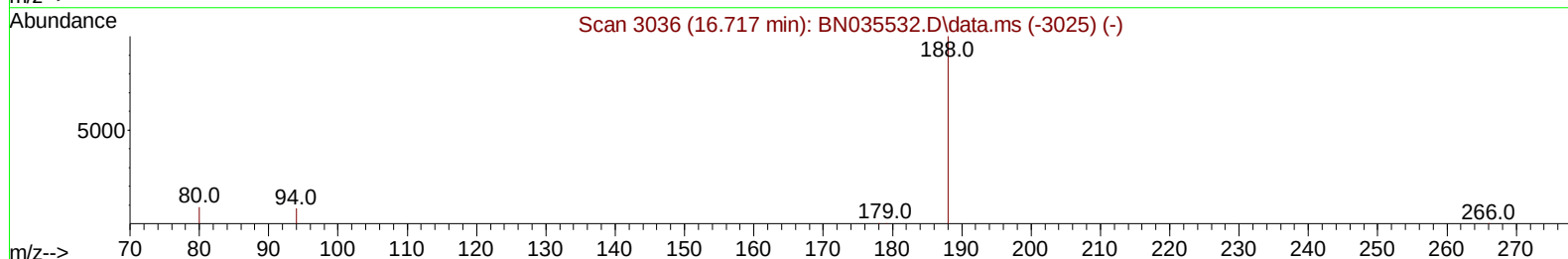
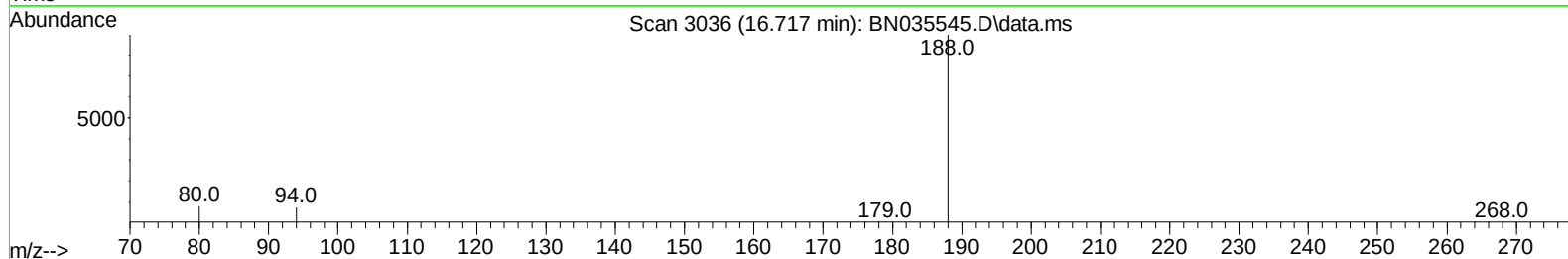
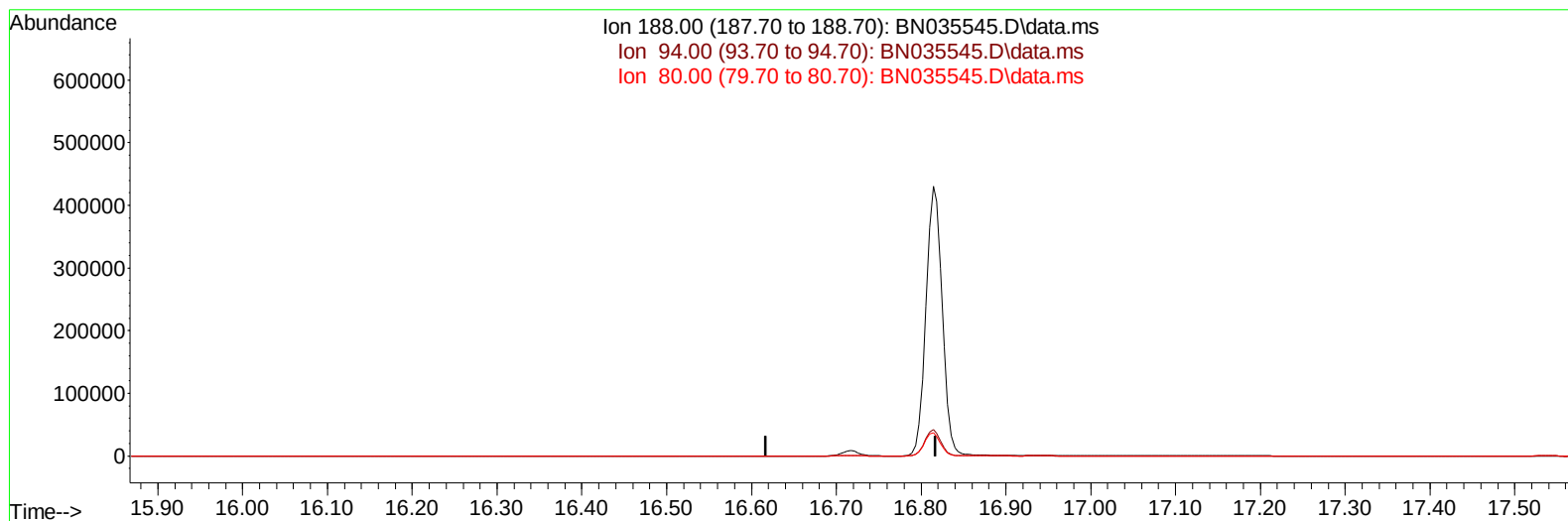
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
Data File : BN035545.D
Acq On : 10 Dec 2024 23:18
Operator : RC/JU
Sample : P5066-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28N2

Manual IntegrationsAPPROVED

Quant Time: Dec 10 23:48:12 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: BN035545.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

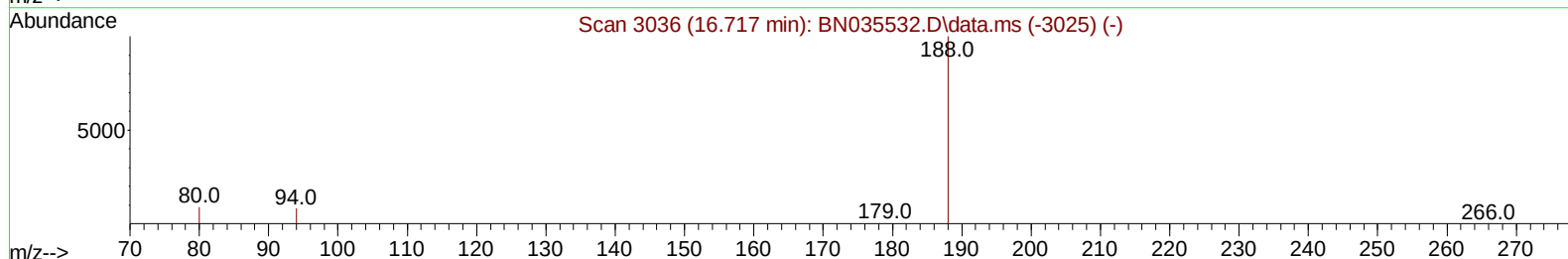
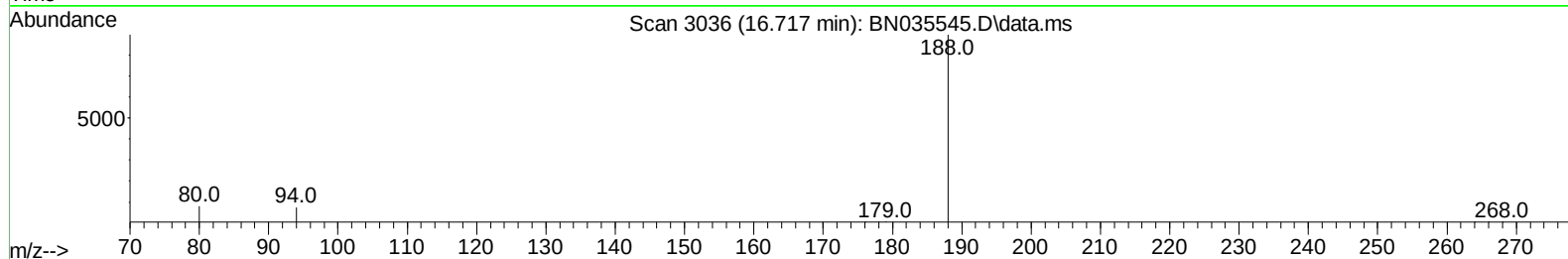
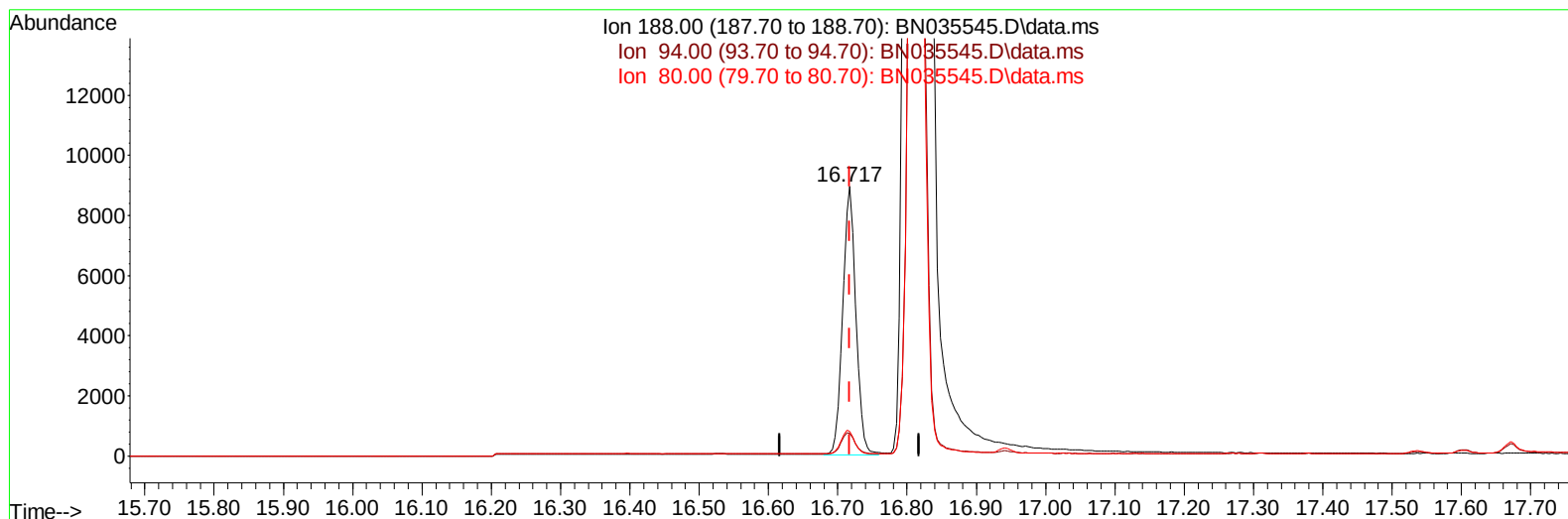
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
Data File : BN035545.D
Acq On : 10 Dec 2024 23:18
Operator : RC/JU
Sample : P5066-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28N2

Manual IntegrationsAPPROVED

Quant Time: Dec 10 23:48:12 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: BN035545.D\data.ms

(13) Phenanthrene-d10 (I)

16.717min (+ 0.000) 0.40 ng/ul m

response 11785

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	7.00	8.31
80.00	7.60	9.04
0.00	0.00	0.00

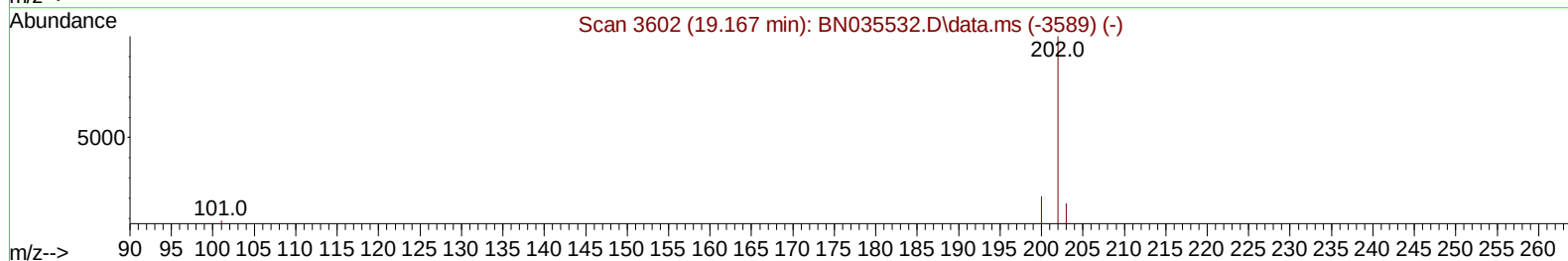
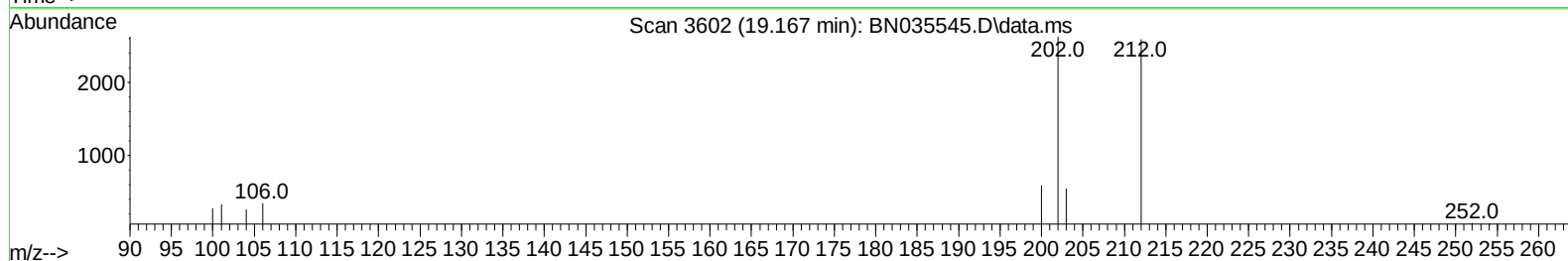
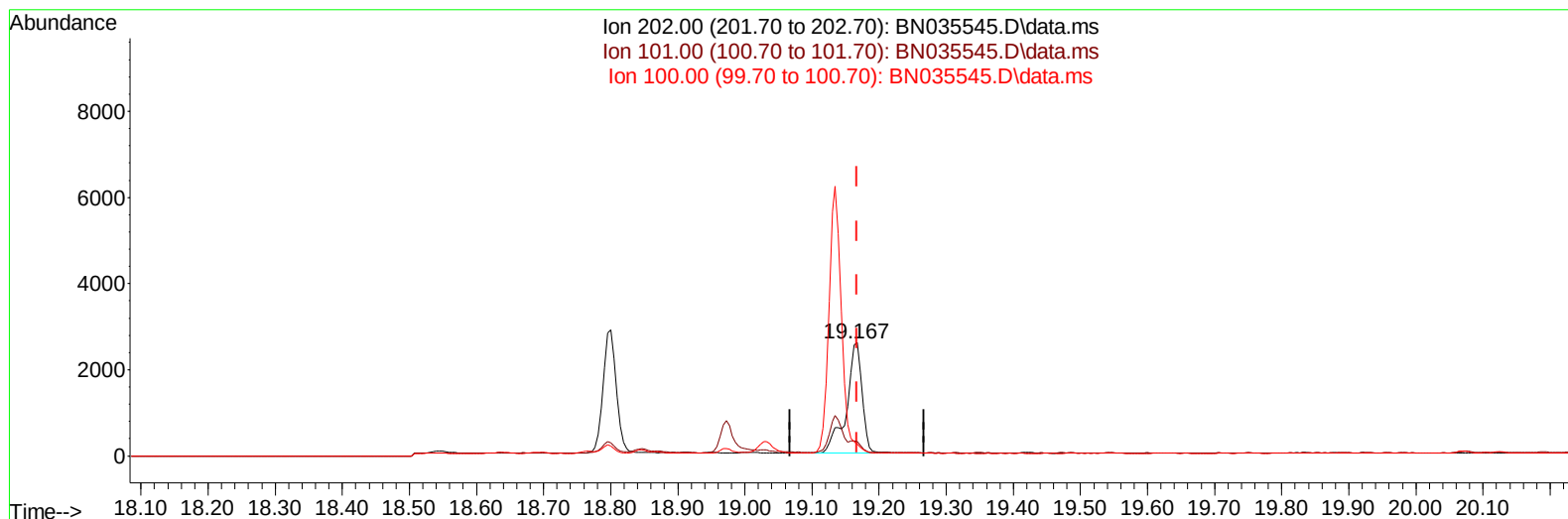
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
Data File : BN035545.D
Acq On : 10 Dec 2024 23:18
Operator : RC/JU
Sample : P5066-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28N2

Manual IntegrationsAPPROVED

Quant Time: Dec 10 23:48:12 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: BN035545.D\data.ms

(20) Pyrene

19.167min (+ 0.000) 0.15 ng/u1

response 4149

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	7.80	12.43#
100.00	6.40	10.65#
0.00	0.00	0.00

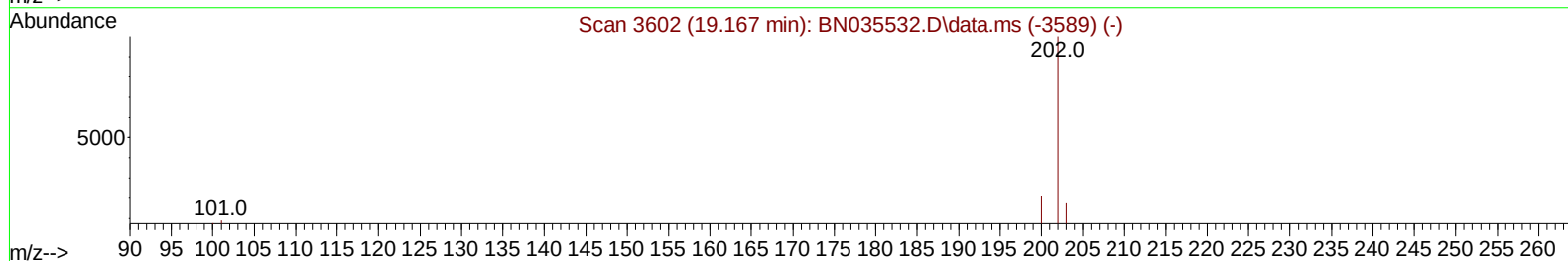
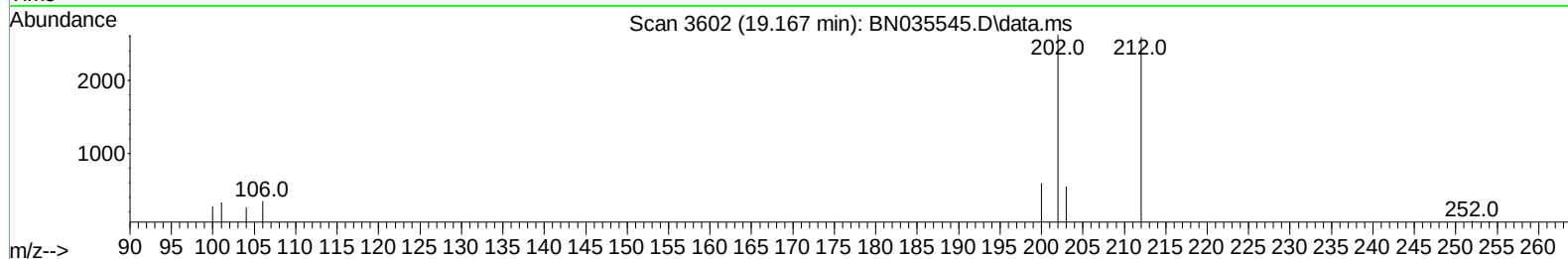
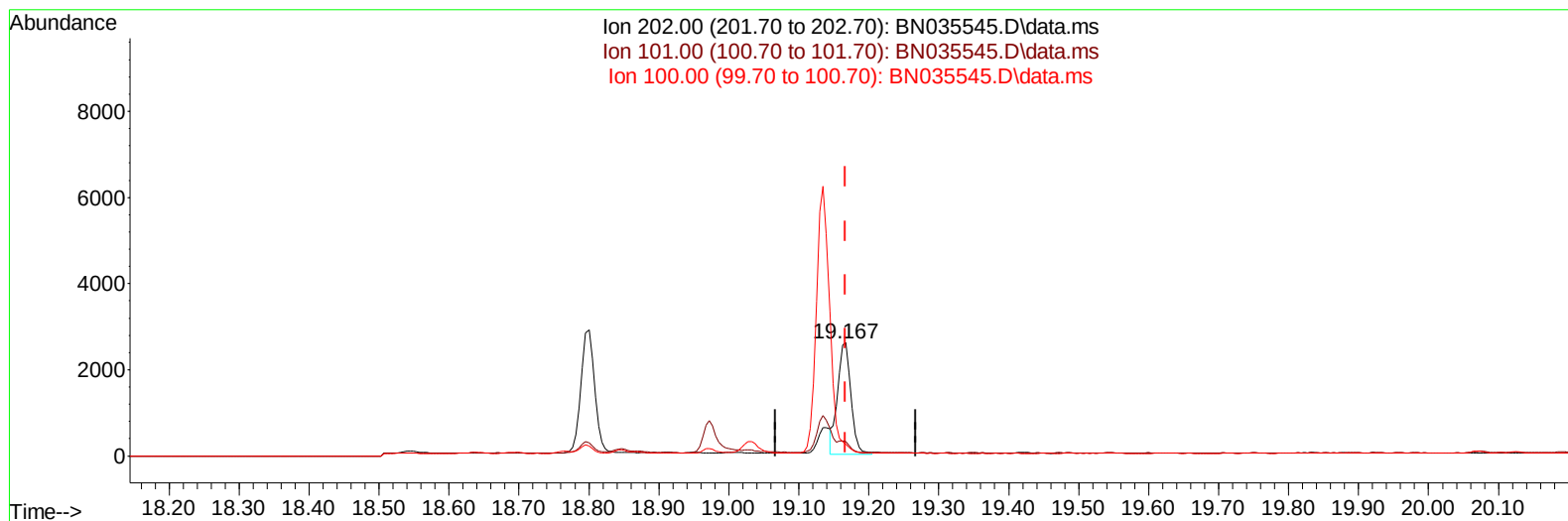
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
Data File : BN035545.D
Acq On : 10 Dec 2024 23:18
Operator : RC/JU
Sample : P5066-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28N2

Manual IntegrationsAPPROVED

Quant Time: Dec 10 23:48:12 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: BN035545.D\data.ms

(20) Pyrene

19.167min (+ 0.000) 0.13 ng/ul m

response 3498

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	7.80	12.43#
100.00	6.40	10.65#
0.00	0.00	0.00

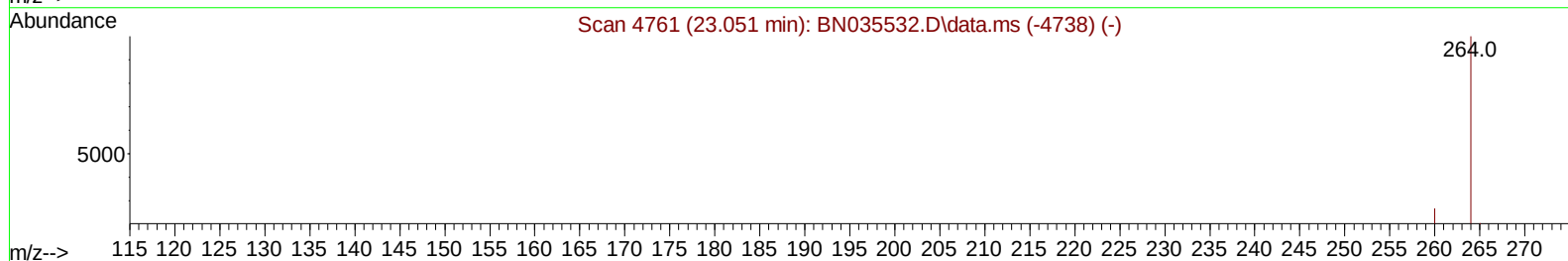
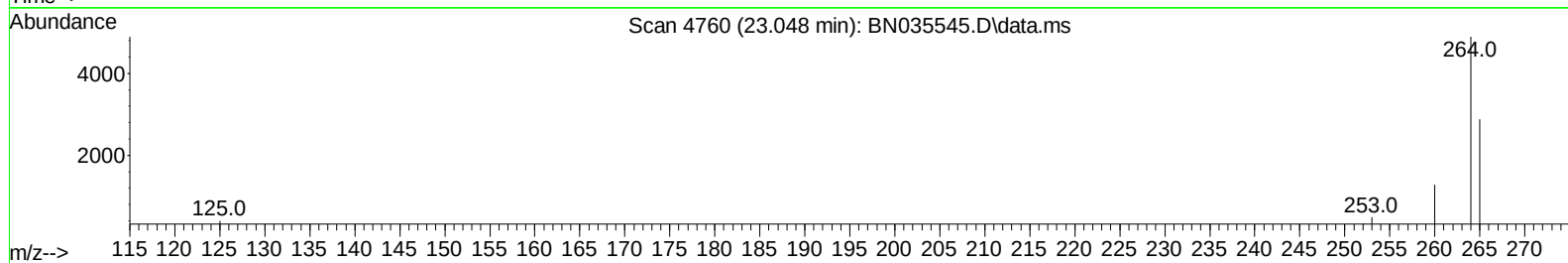
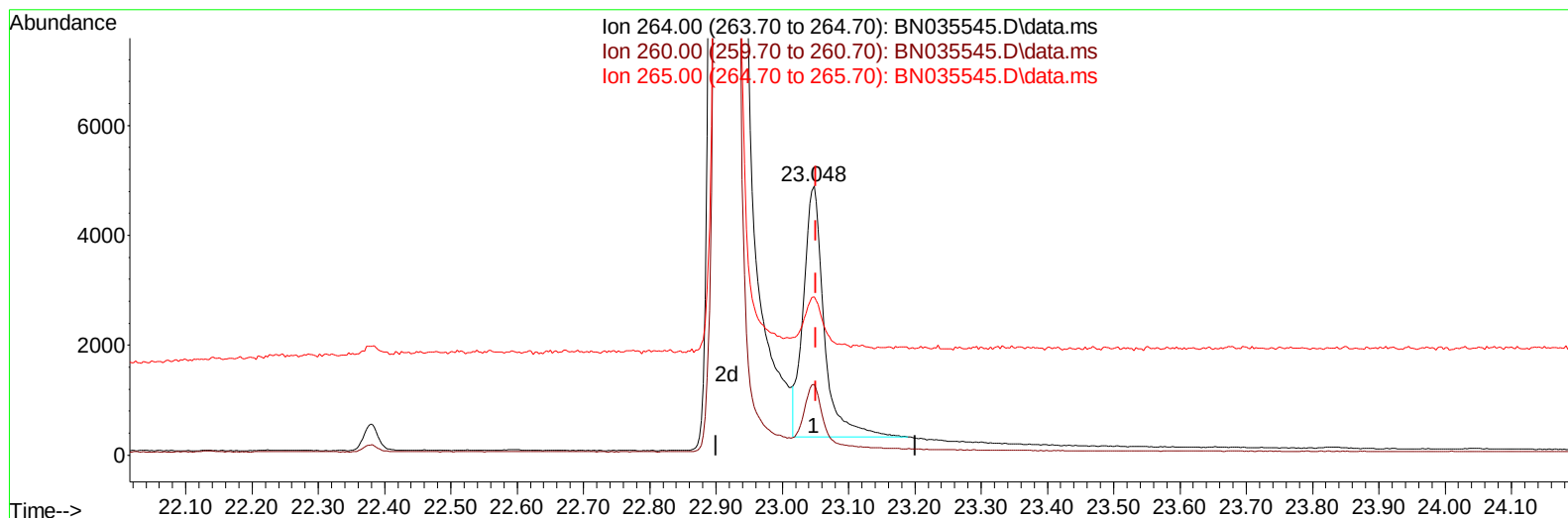
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
Data File : BN035545.D
Acq On : 10 Dec 2024 23:18
Operator : RC/JU
Sample : P5066-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28N2

Manual IntegrationsAPPROVED

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

Quant Time: Dec 10 23:48:12 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: BN035545.D\data.ms

(23) Perylene-d12 (I)

23.048min (-0.003) 0.40 ng/u1

response 9921

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.20	26.33
265.00	75.50	58.82#
0.00	0.00	0.00

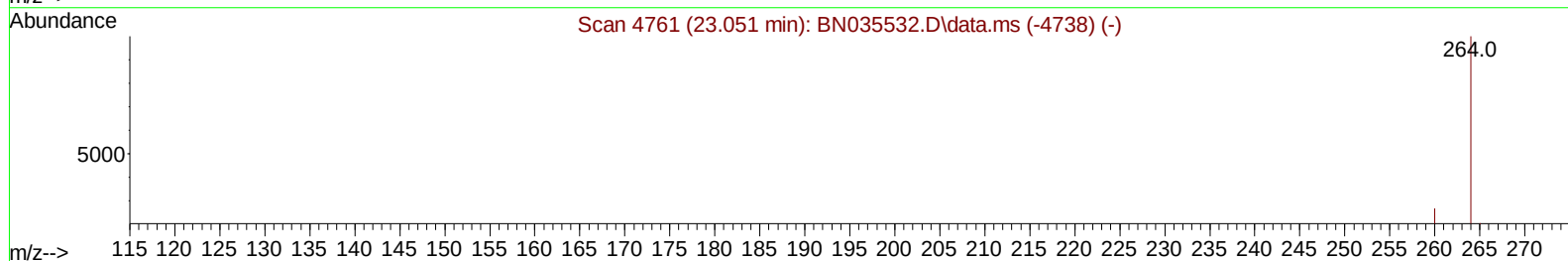
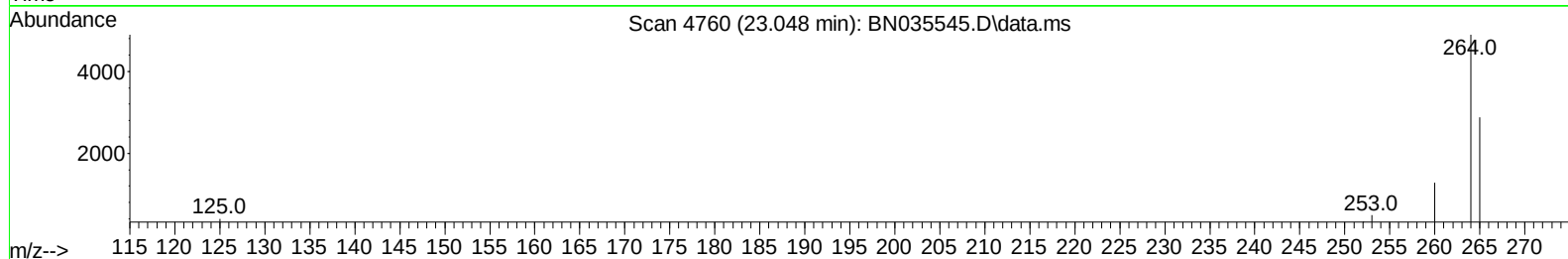
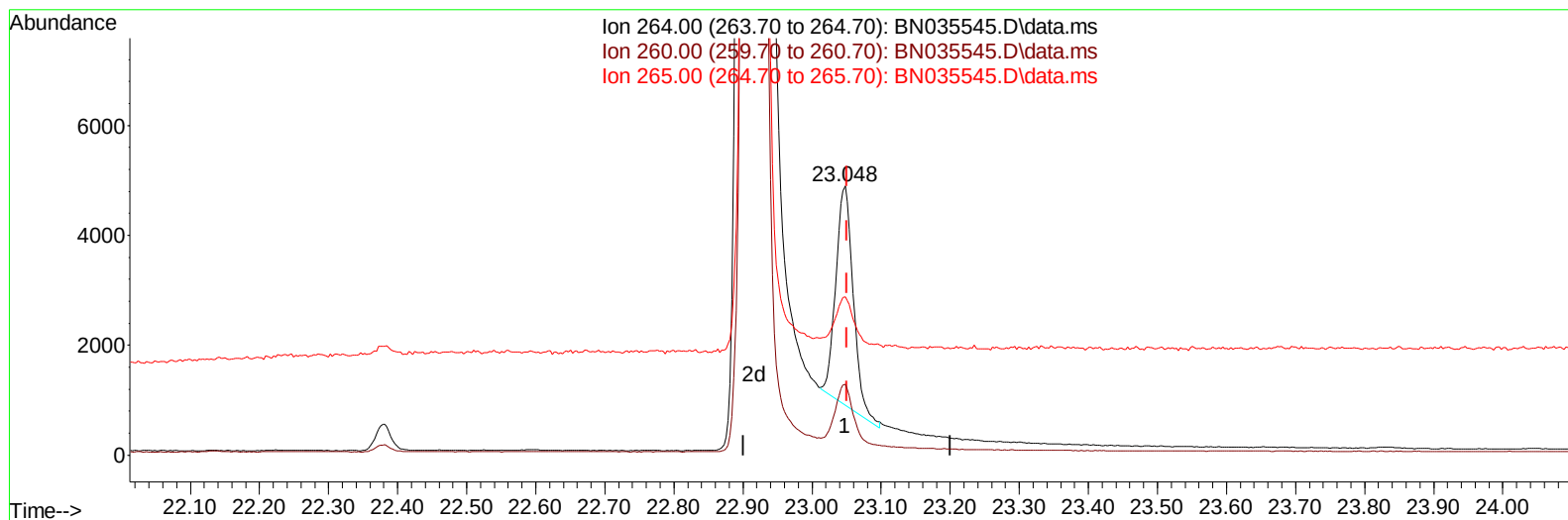
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
Data File : BN035545.D
Acq On : 10 Dec 2024 23:18
Operator : RC/JU
Sample : P5066-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28N2

Manual IntegrationsAPPROVED

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

Quant Time: Dec 10 23:48:12 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: BN035545.D\data.ms

(23) Perylene-d12 (I)

23.048min (-0.003) 0.40 ng/ul m

response 6890

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.20	26.33
265.00	75.50	58.82#
0.00	0.00	0.00

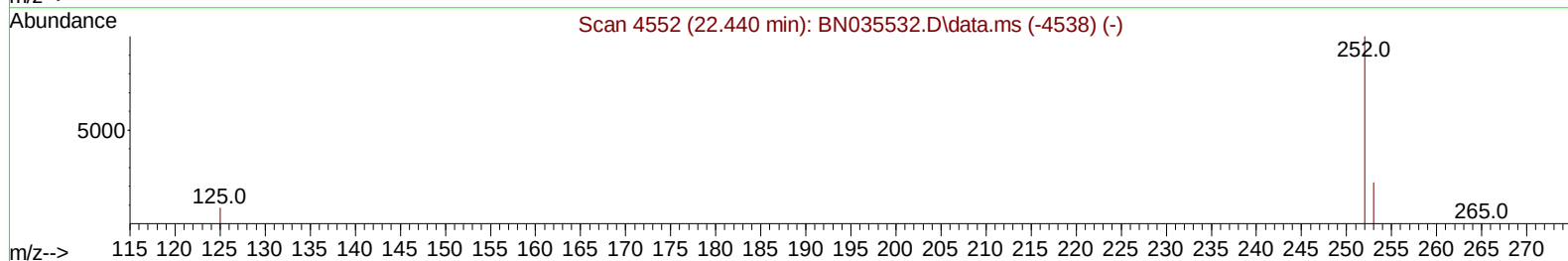
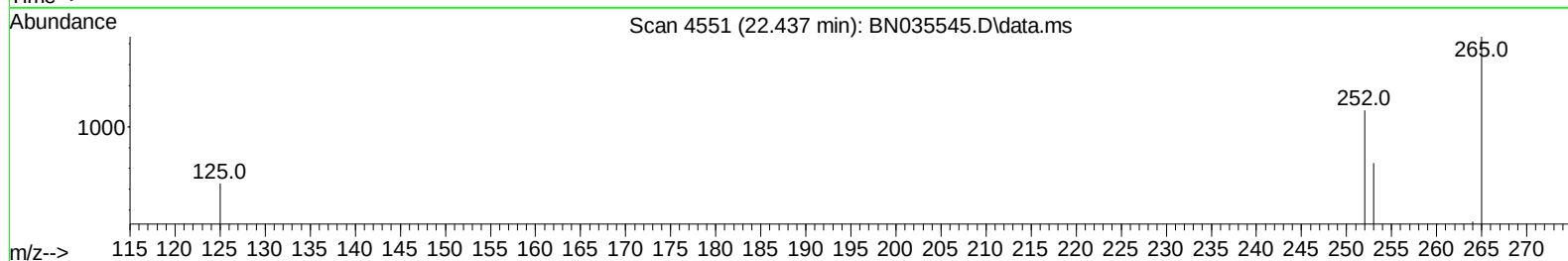
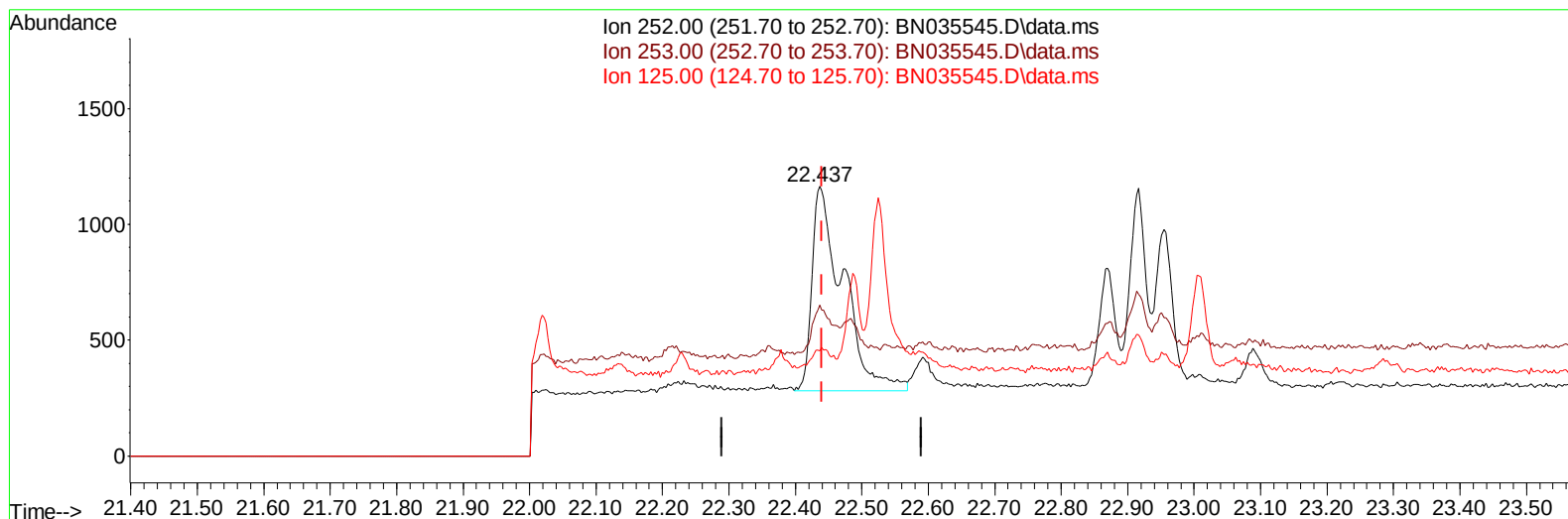
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
Data File : BN035545.D
Acq On : 10 Dec 2024 23:18
Operator : RC/JU
Sample : P5066-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28N2

Manual IntegrationsAPPROVED

Quant Time: Dec 10 23:48:12 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: BN035545.D\data.ms

(24) Benzo(b)fluoranthene

22.437min (-0.003) 0.13 ng/u1

response 2877

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	55.98#
125.00	9.70	38.95#
0.00	0.00	0.00

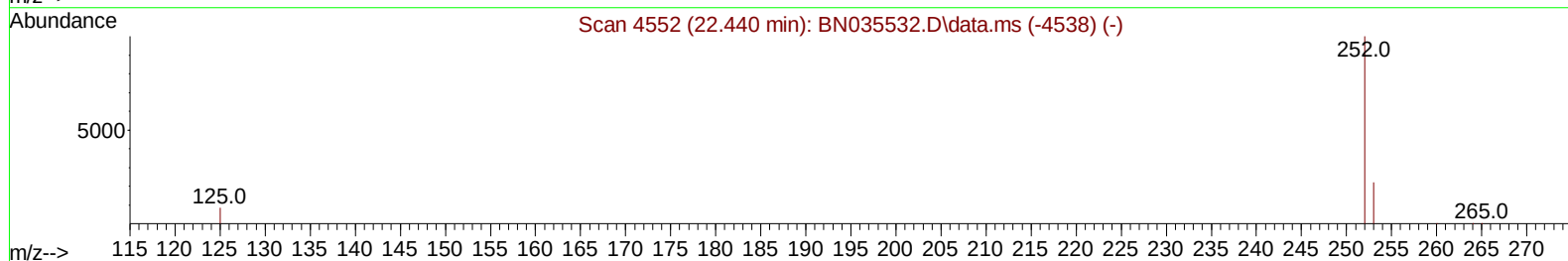
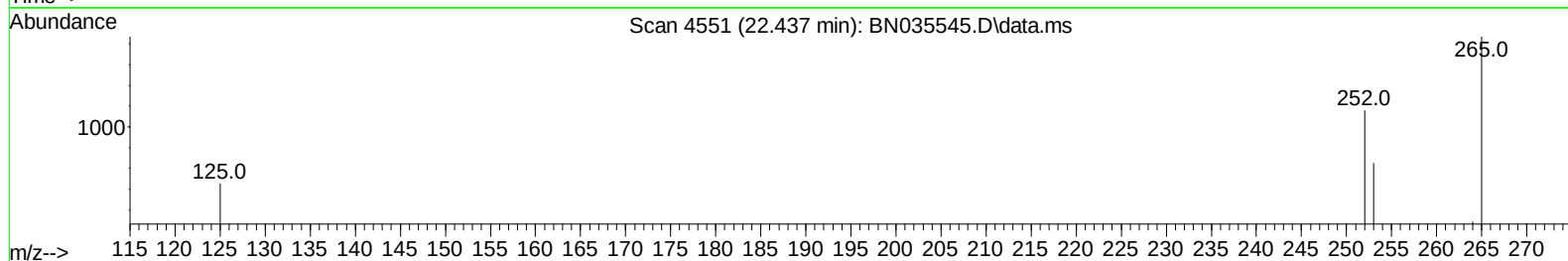
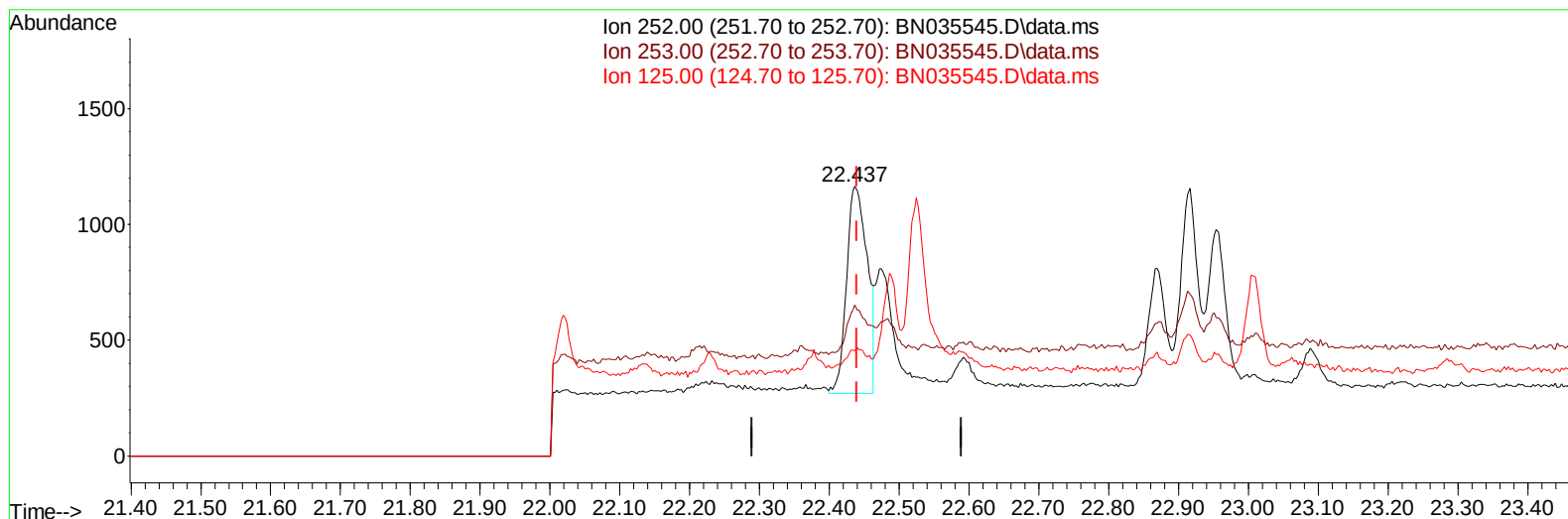
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
Data File : BN035545.D
Acq On : 10 Dec 2024 23:18
Operator : RC/JU
Sample : P5066-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28N2

Manual IntegrationsAPPROVED

Quant Time: Dec 10 23:48:12 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: BN035545.D\data.ms

(24) Benzo(b)fluoranthene

22.437min (-0.003) 0.08 ng/ul m

response 1866

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	55.98#
125.00	9.70	38.95#
0.00	0.00	0.00

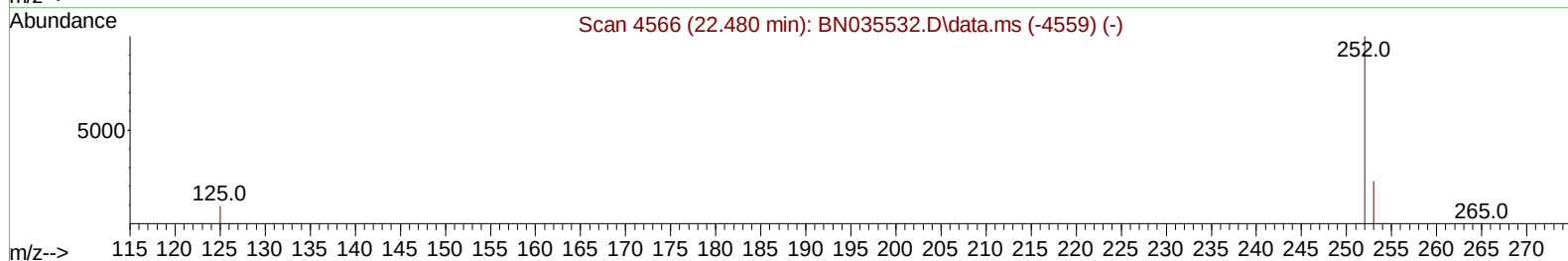
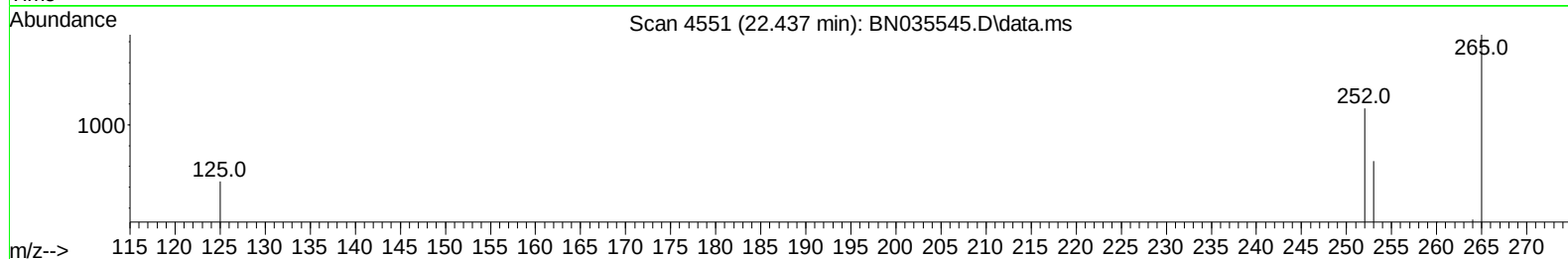
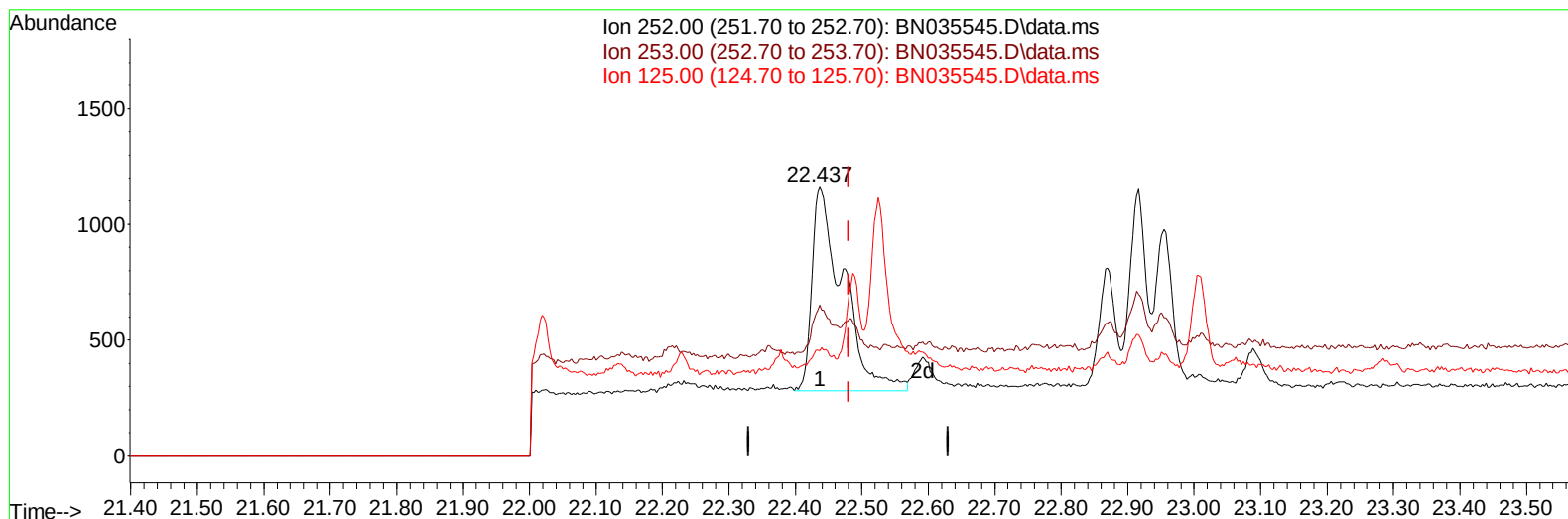
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
Data File : BN035545.D
Acq On : 10 Dec 2024 23:18
Operator : RC/JU
Sample : P5066-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28N2

Manual IntegrationsAPPROVED

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

Quant Time: Dec 10 23:48:12 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: BN035545.D\data.ms

(25) Benzo(k)fluoranthene

22.437min (-0.044) 0.12 ng/u1

response 2877

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.20	55.98#
125.00	10.70	38.95#
0.00	0.00	0.00

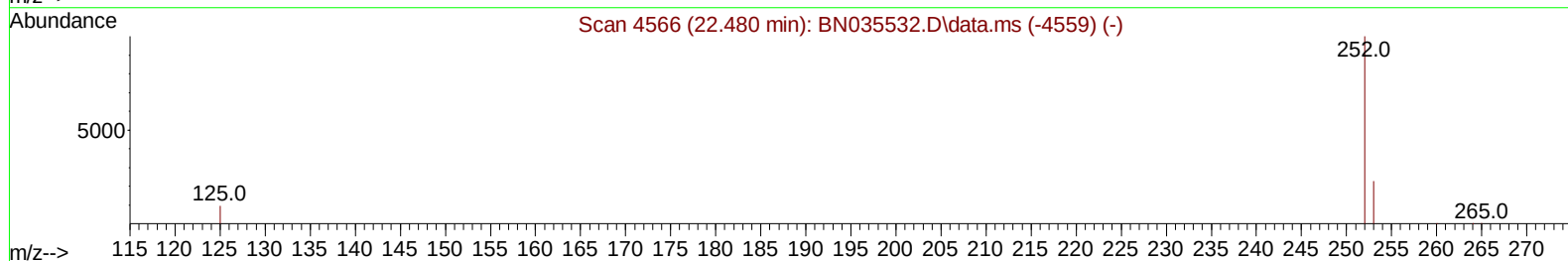
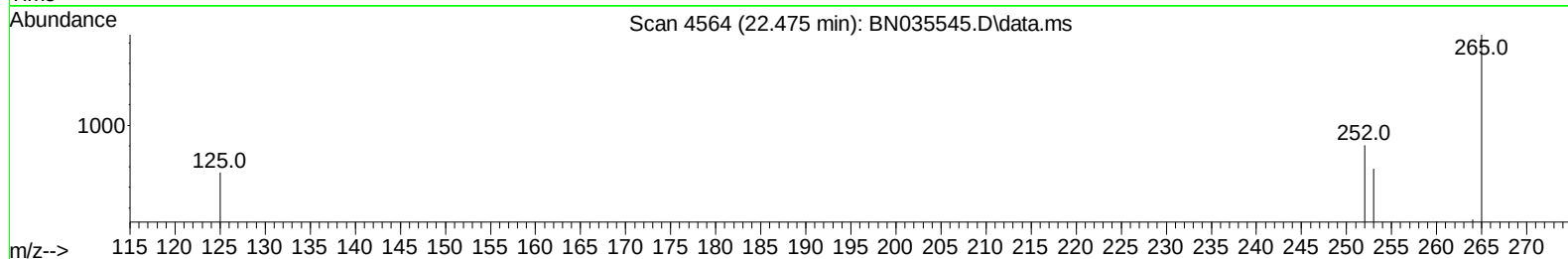
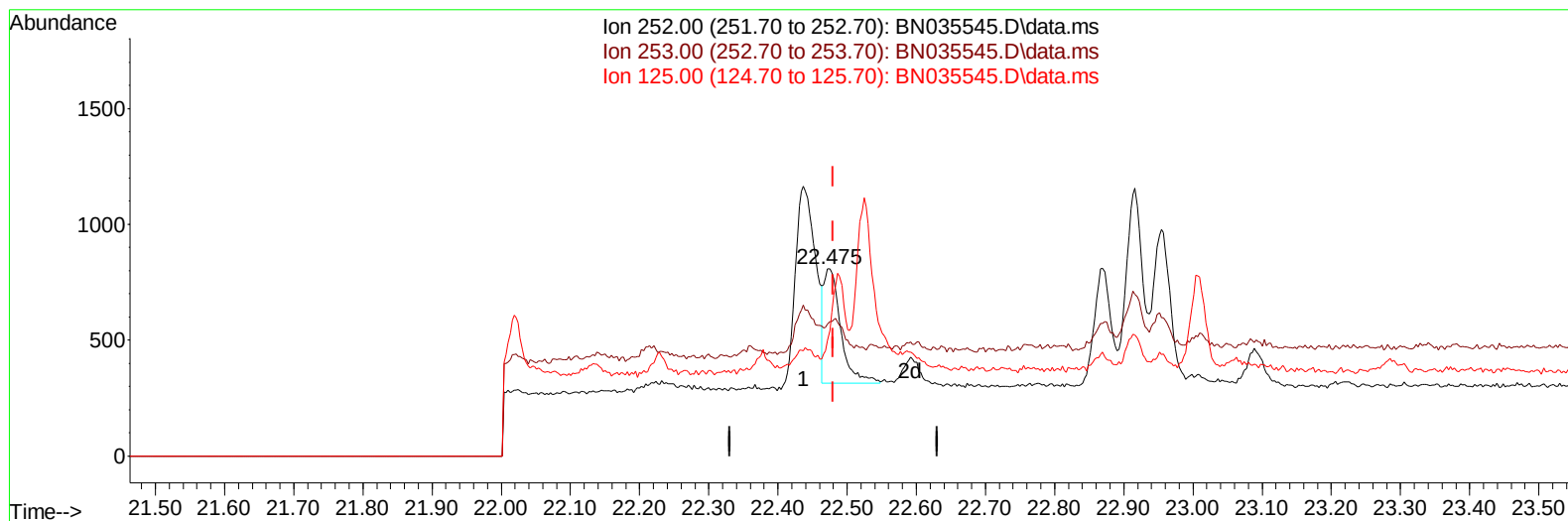
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
Data File : BN035545.D
Acq On : 10 Dec 2024 23:18
Operator : RC/JU
Sample : P5066-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28N2

Manual IntegrationsAPPROVED

Quant Time: Dec 10 23:48:12 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: BN035545.D\data.ms

(25) Benzo(k)fluoranthene

22.475min (-0.006) 0.04 ng/ul m

response 840

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.20	71.82#
125.00	10.70	66.87#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
 Data File : BN035545.D
 Acq On : 10 Dec 2024 23:18
 Operator : RC/JU
 Sample : P5066-14
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28N2

Manual IntegrationsAPPROVED

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

Quant Time: Dec 10 23:48:12 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		3054	0.400	ng/ul	0.00
4) Naphthalene-d8	10.036	136		8731	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.949	164		5812	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.717	188		11785m	0.400	ng/ul	0.00
17) Chrysene-d12	20.961	240		7436	0.400	ng/ul	# 0.00
23) Perylene-d12	23.048	264		6890m	0.400	ng/ul	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	2.959	96		11446	4.101	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.642	152		2866	0.224	ng/ul	0.00
18) Fluoranthene-d10	18.768	212		5498	0.268	ng/ul	0.00
Target Compounds							
						Qvalue	
5) Naphthalene	10.086	128		856	0.039	ng/ul#	42
12) Fluorene	15.013	166		419	0.020	ng/ul#	91
15) Phenanthrene	16.759	178		3189	0.102	ng/ul	97
16) Anthracene	16.848	178		4670	0.161	ng/ul	97
19) Fluoranthene	18.800	202		3918	0.151	ng/ul#	92
20) Pyrene	19.167	202		3498m	0.130	ng/ul	
21) Benzo(a)anthracene	20.944	228		1086	0.042	ng/ul#	87
22) Chrysene	20.996	228		1431	0.055	ng/ul#	90
24) Benzo(b)fluoranthene	22.437	252		1866m	0.082	ng/ul	
25) Benzo(k)fluoranthene	22.475	252		840m	0.036	ng/ul	
26) Benzo(a)pyrene	22.954	252		1081	0.052	ng/ul#	32
27) Indeno(1,2,3-cd)pyrene	25.081	276		875	0.031	ng/ul#	61
29) Benzo(g,h,i)perylene	25.691	276		895	0.040	ng/ul#	54

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
Data File : BN035545.D
Acq On : 10 Dec 2024 23:18
Operator : RC/JU
Sample : P5066-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28N2

Manual IntegrationsAPPROVED

Quant Time: Dec 10 23:48:12 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

