

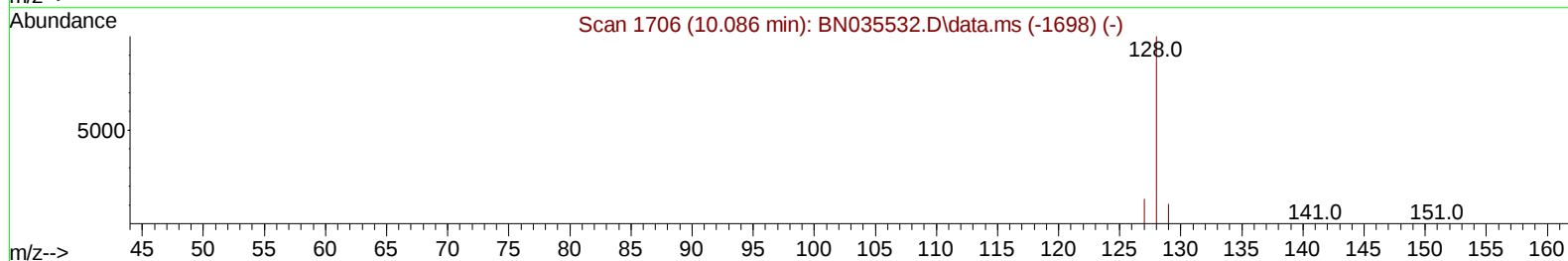
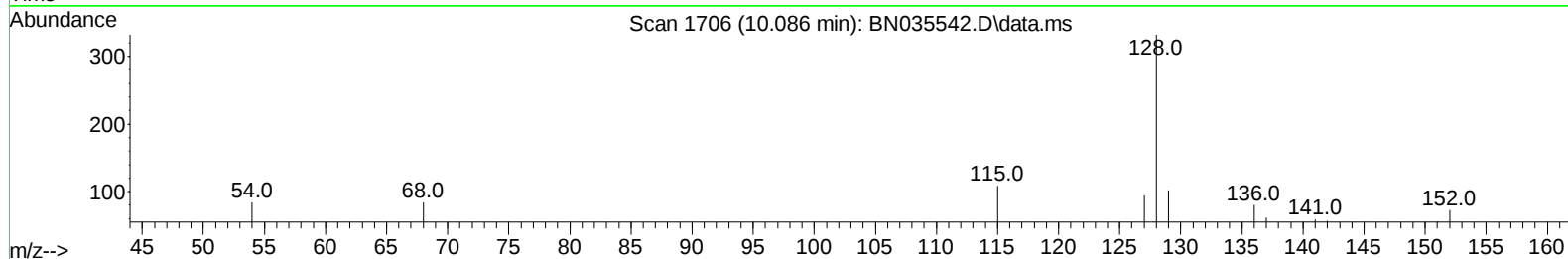
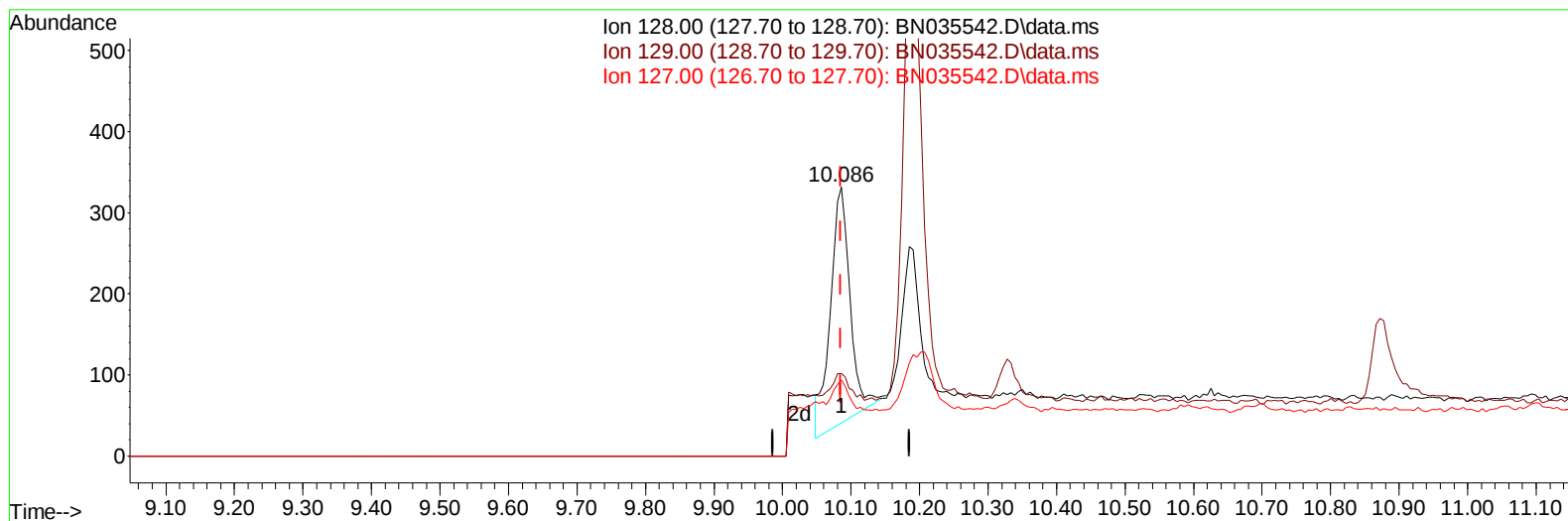
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
Data File : BN035542.D
Acq On : 10 Dec 2024 21:30
Operator : RC/JU
Sample : P5066-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28N0

Manual IntegrationsAPPROVED

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

Quant Time: Dec 10 22:05:25 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: BN035542.D\data.ms

(5) Naphthalene

10.086min (+ 0.000) 0.02 ng/u1

response 583

Ion	Exp%	Act%
128.00	100.00	100.00
129.00	12.40	30.72#
127.00	14.30	28.31#
0.00	0.00	0.00

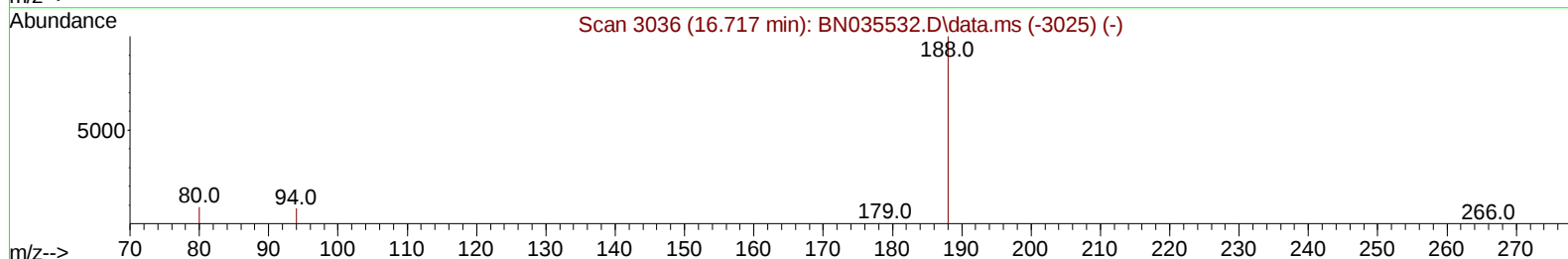
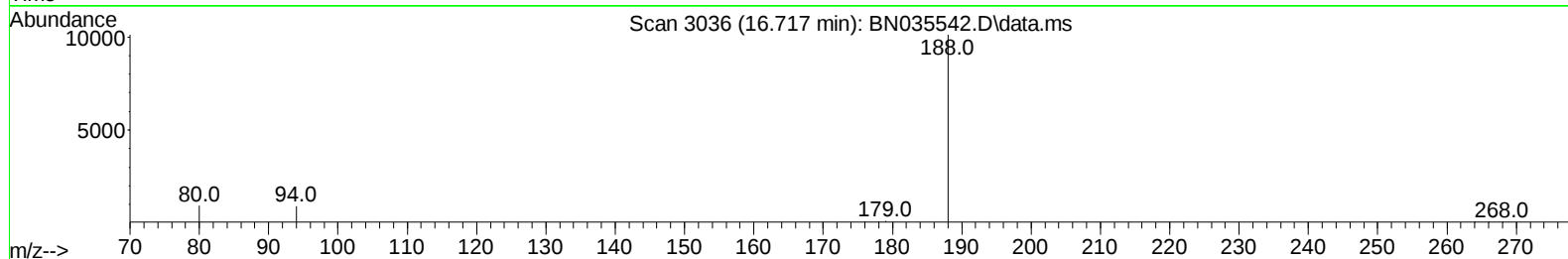
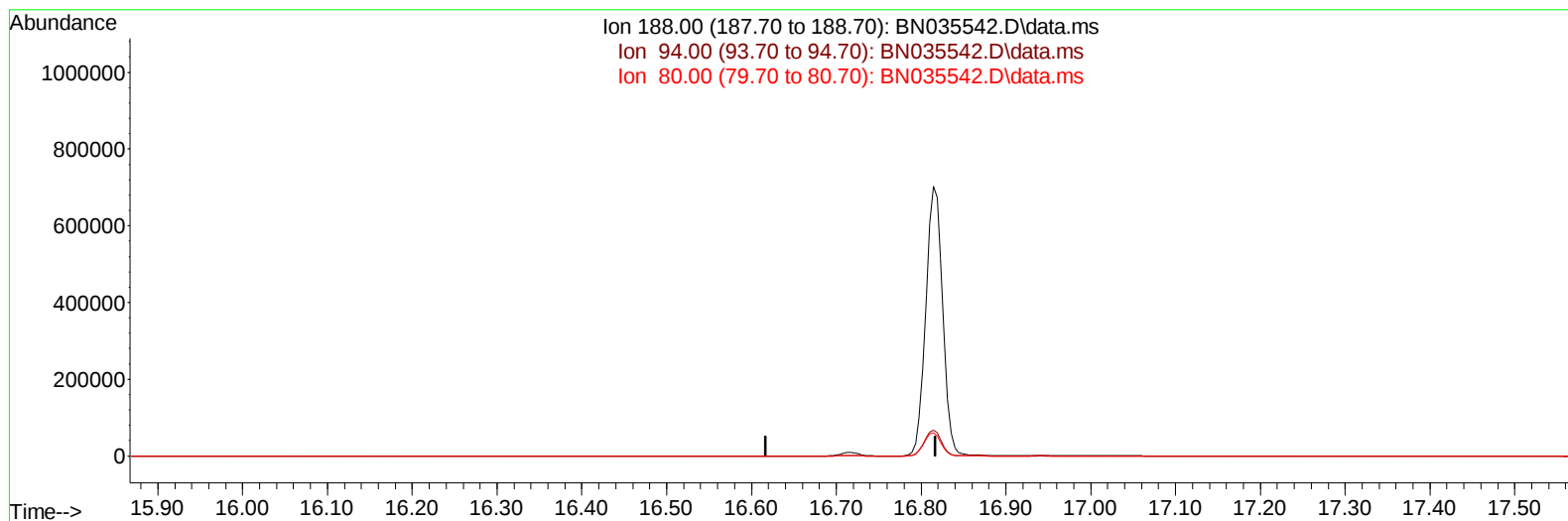
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
Data File : BN035542.D
Acq On : 10 Dec 2024 21:30
Operator : RC/JU
Sample : P5066-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28N0

Manual IntegrationsAPPROVED

Quant Time: Dec 10 22:05:25 2024
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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 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



TIC: BN035542.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

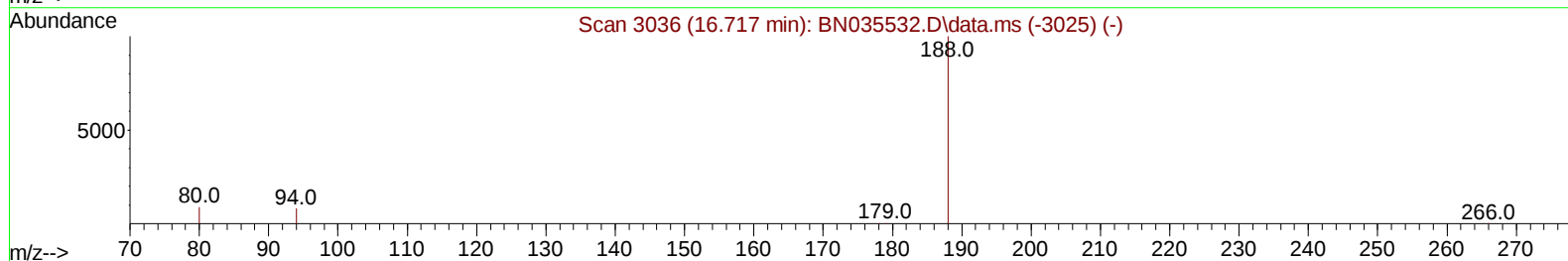
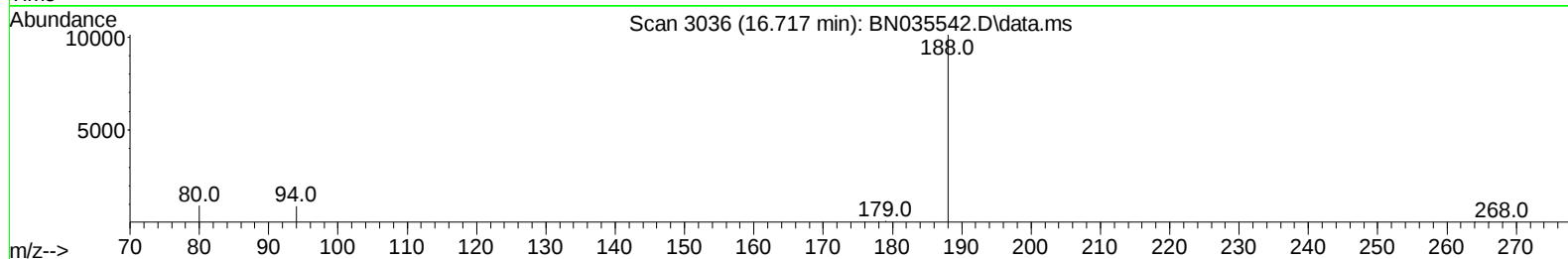
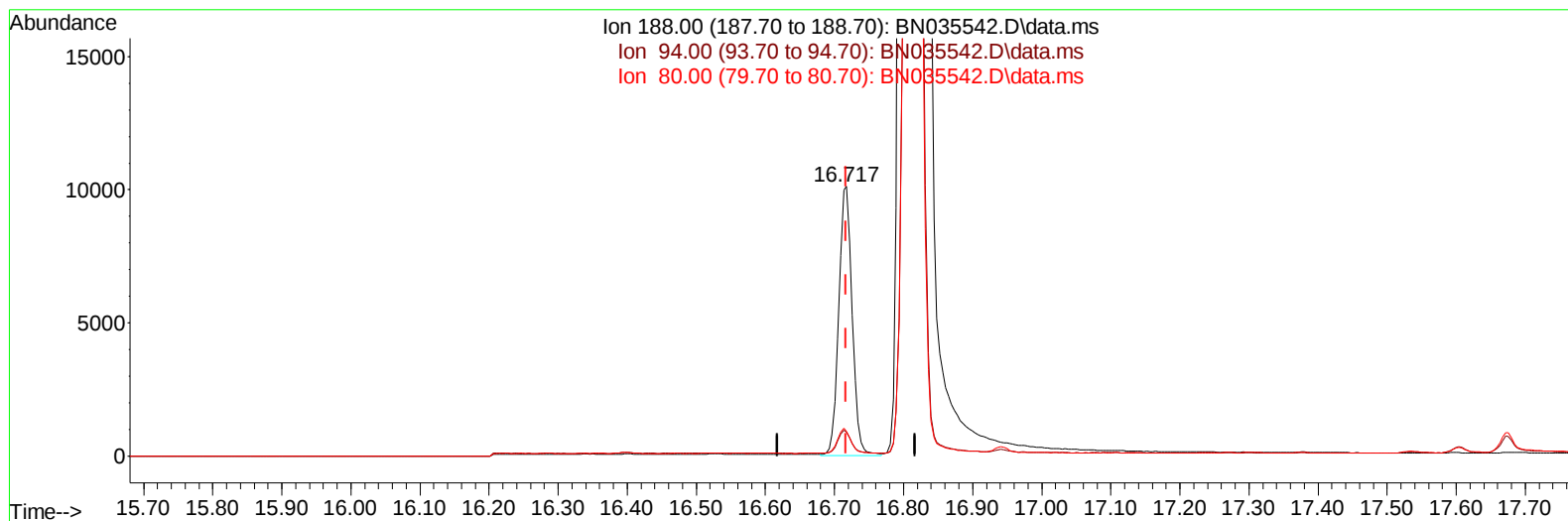
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
Data File : BN035542.D
Acq On : 10 Dec 2024 21:30
Operator : RC/JU
Sample : P5066-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28N0

Manual IntegrationsAPPROVED

Quant Time: Dec 10 22:05:25 2024
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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: BN035542.D\data.ms

(13) Phenanthrene-d10 (I)

16.717min (+ 0.000) 0.40 ng/ul m

response 13610

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	7.00	8.81#
80.00	7.60	9.19#
0.00	0.00	0.00

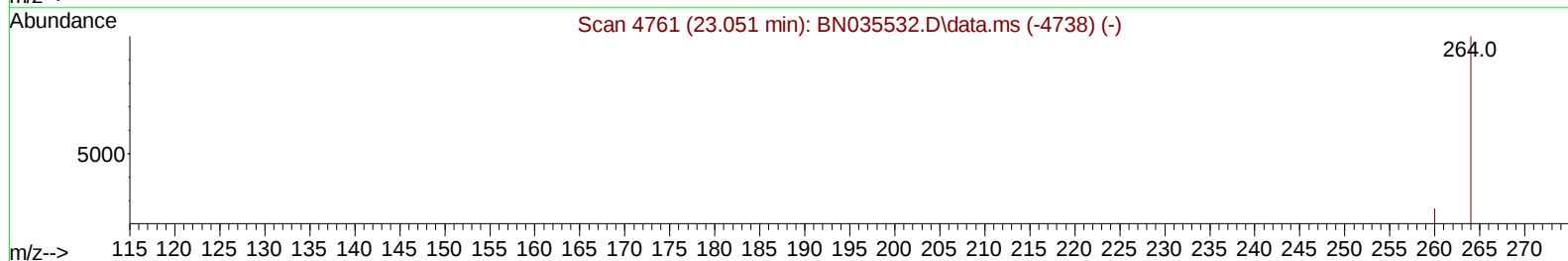
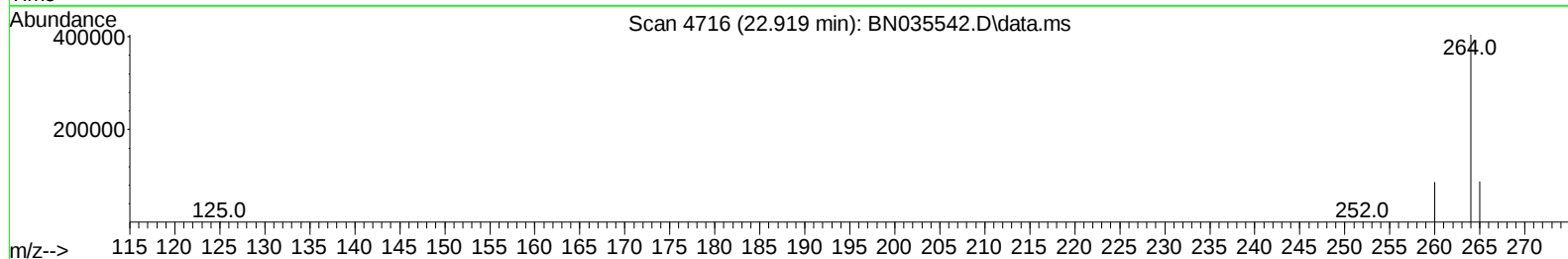
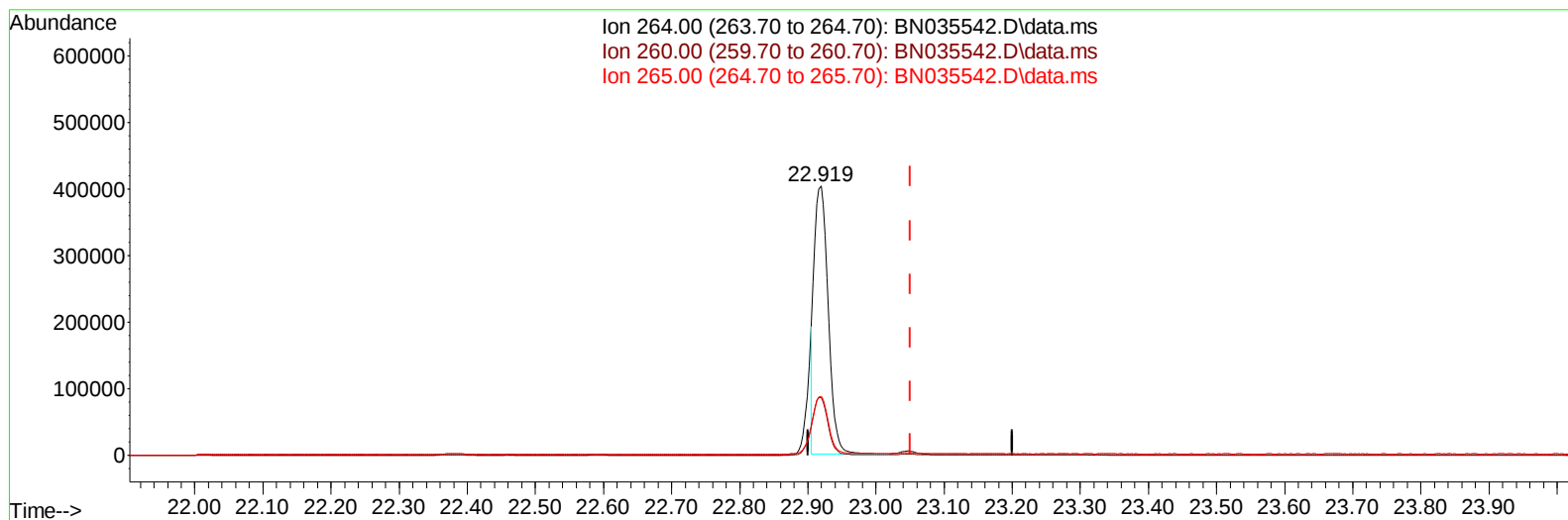
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
Data File : BN035542.D
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Manual IntegrationsAPPROVED

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Supervised By :mohammad ahmed 12/12/2024



TIC: BN035542.D\data.ms

(23) Perylene-d12 (I)

22.919min (-0.131) 0.40 ng/u1

response 579981

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.20	21.40
265.00	75.50	21.94#
0.00	0.00	0.00

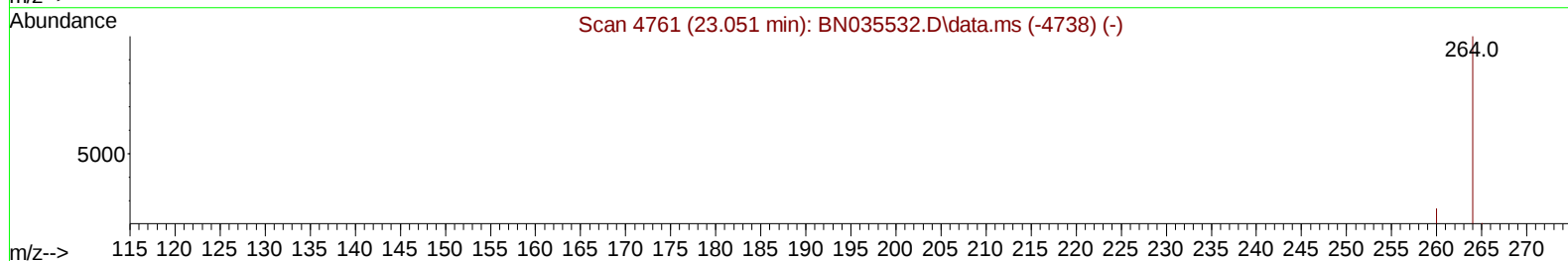
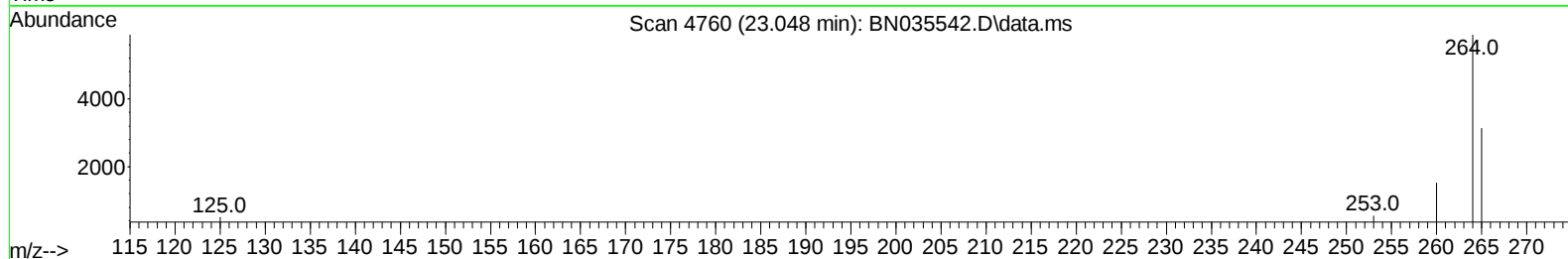
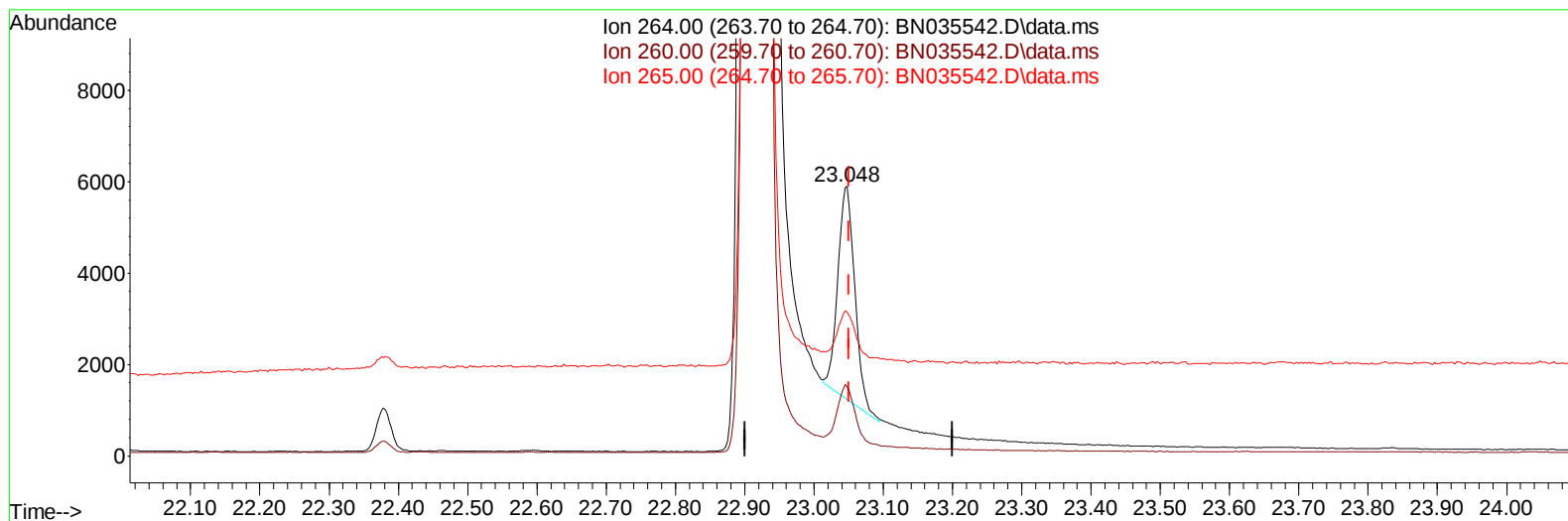
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
Data File : BN035542.D
Acq On : 10 Dec 2024 21:30
Operator : RC/JU
Sample : P5066-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28N0

Manual IntegrationsAPPROVED

Quant Time: Dec 10 22:05:25 2024
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Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



TIC: BN035542.D\data.ms

(23) Perylene-d12 (I)

23.048min (-0.003) 0.40 ng/ul m

response 7837

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.20	25.70
265.00	75.50	53.37#
0.00	0.00	0.00

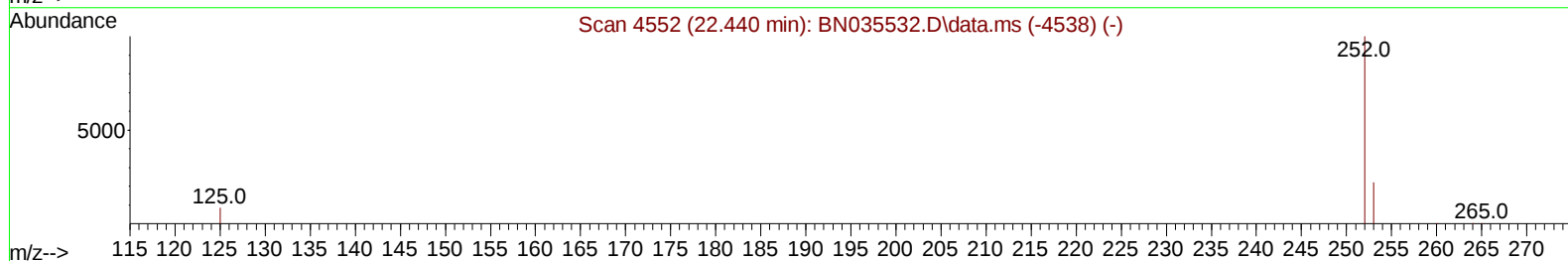
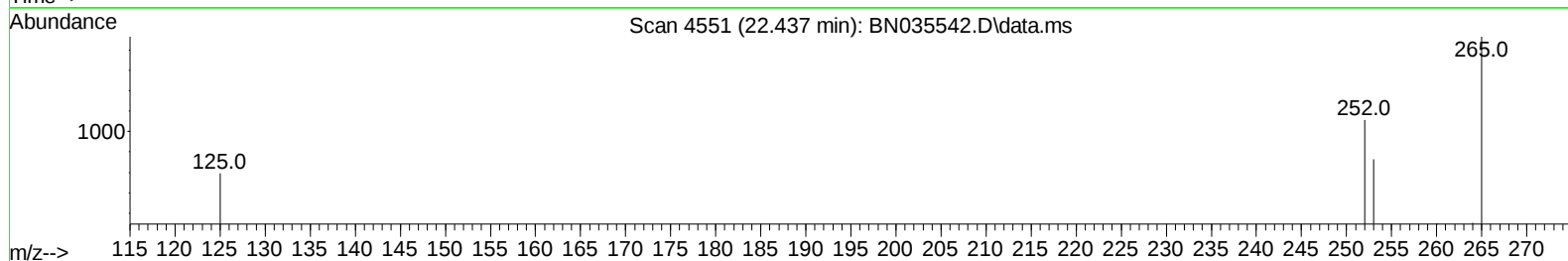
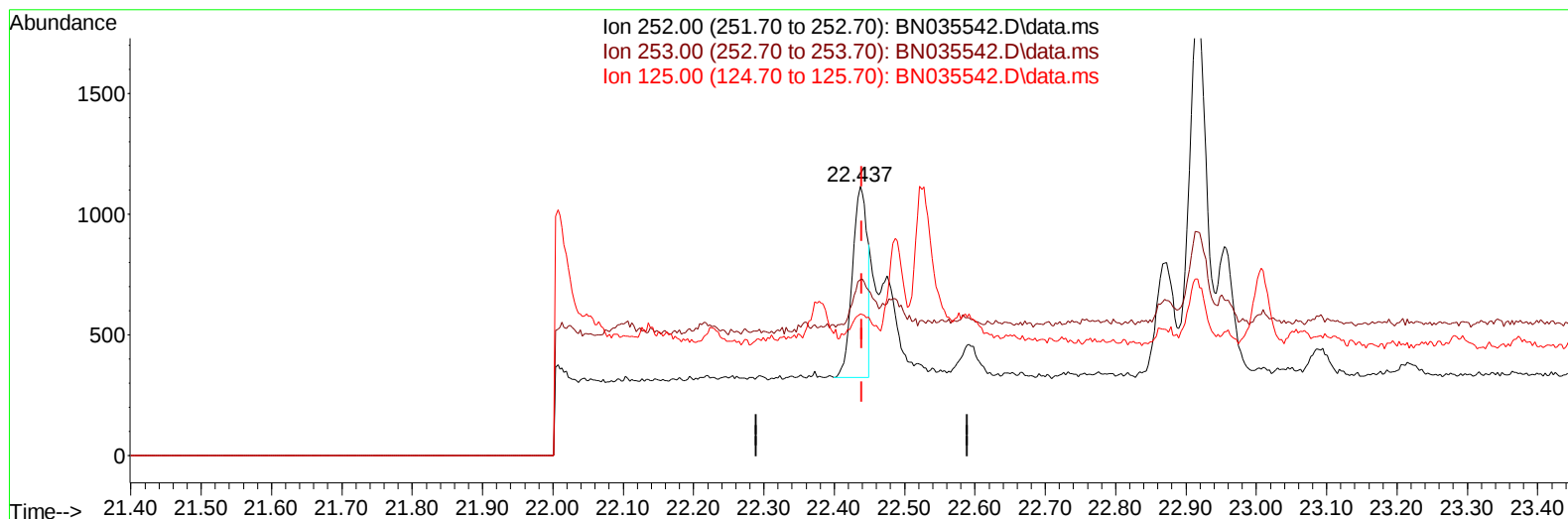
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Data File : BN035542.D
Acq On : 10 Dec 2024 21:30
Operator : RC/JU
Sample : P5066-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28N0

Manual IntegrationsAPPROVED

Quant Time: Dec 10 22:05:25 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 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



TIC: BN035542.D\data.ms

(24) Benzo(b)fluoranthene

22.437min (-0.003) 0.04 ng/u1

response 1140

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	65.32#
125.00	9.70	52.78#
0.00	0.00	0.00

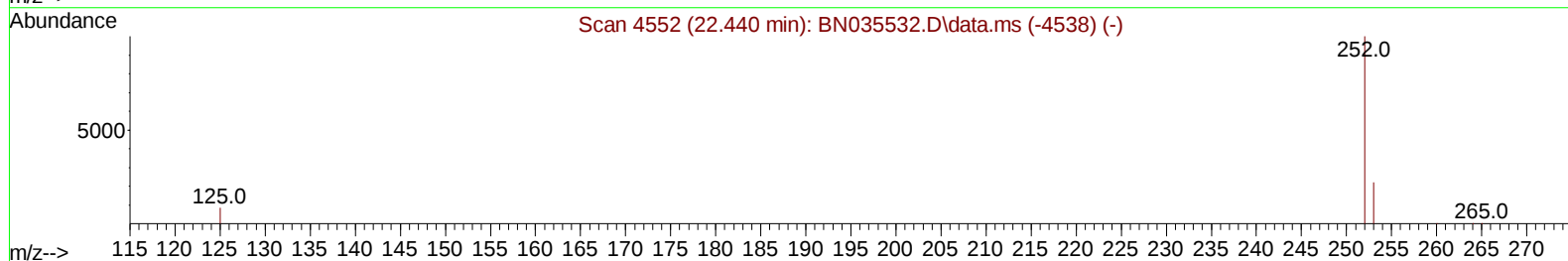
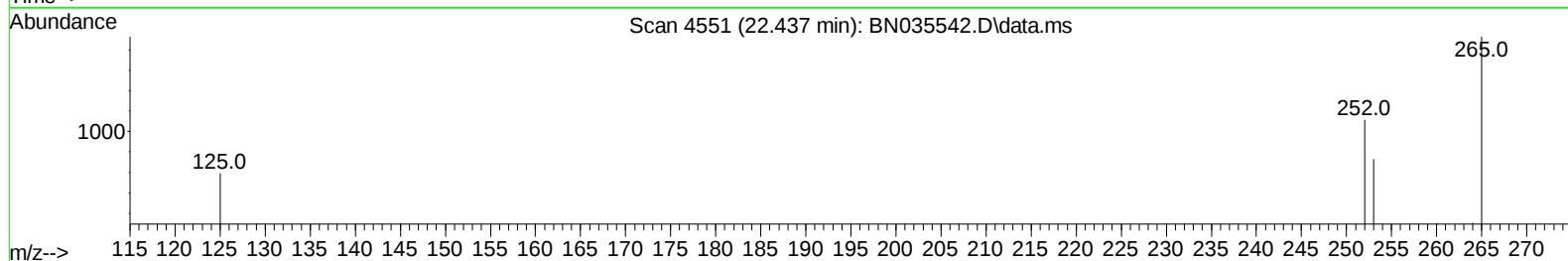
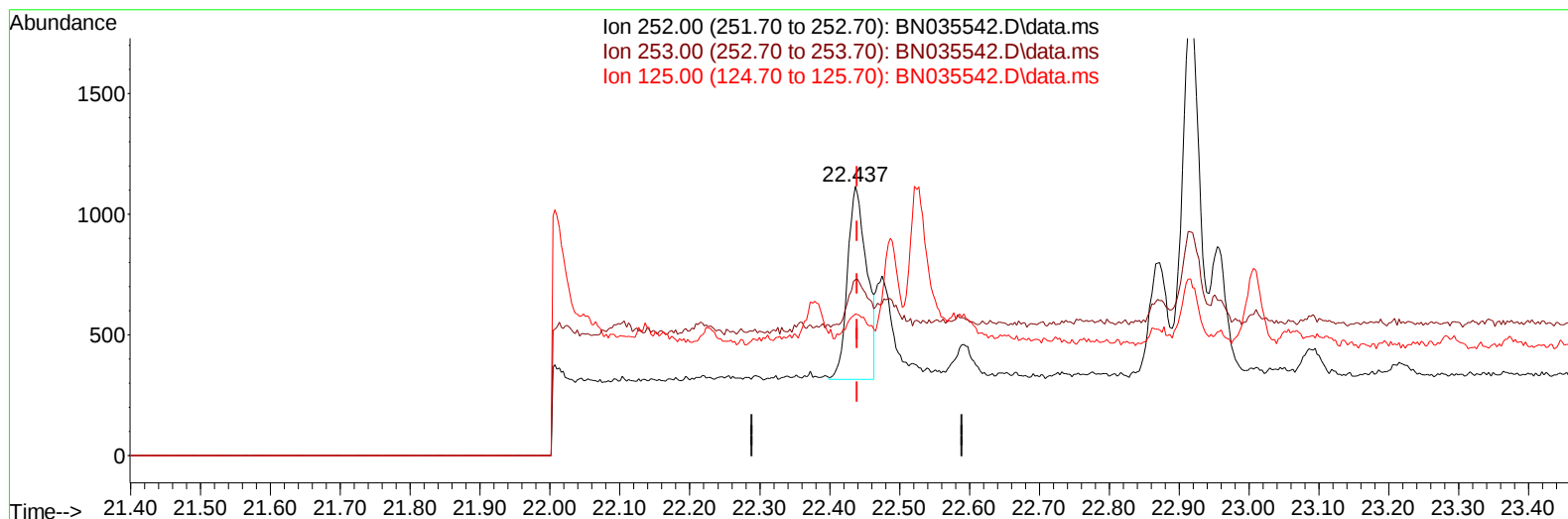
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
Data File : BN035542.D
Acq On : 10 Dec 2024 21:30
Operator : RC/JU
Sample : P5066-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28N0

Manual IntegrationsAPPROVED

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

Quant Time: Dec 10 22:05:25 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: BN035542.D\data.ms

(24) Benzo(b)fluoranthene

22.437min (-0.003) 0.06 ng/ul m

response 1520

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	65.32#
125.00	9.70	52.78#
0.00	0.00	0.00

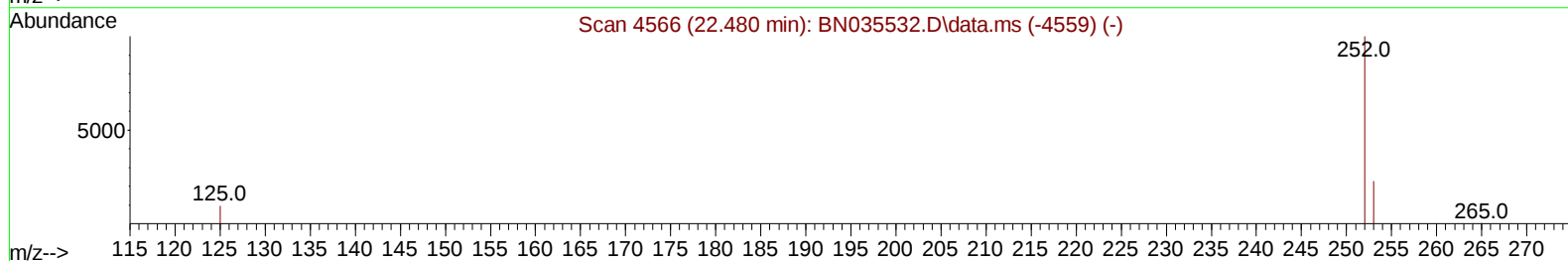
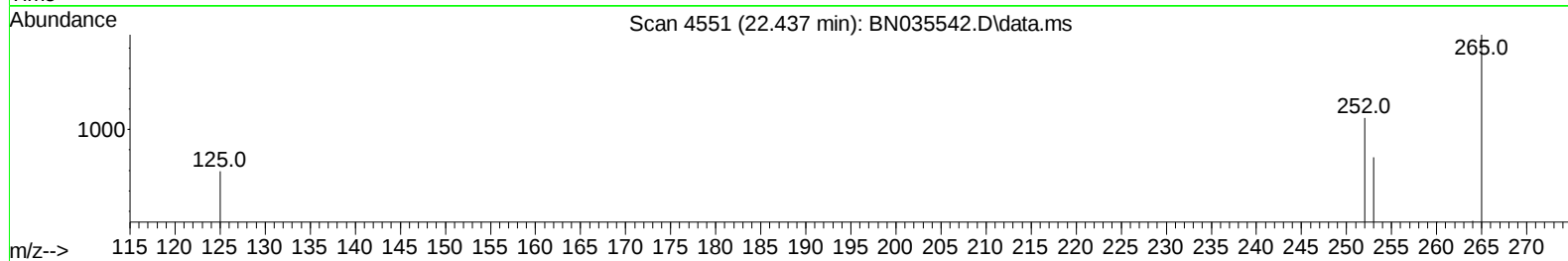
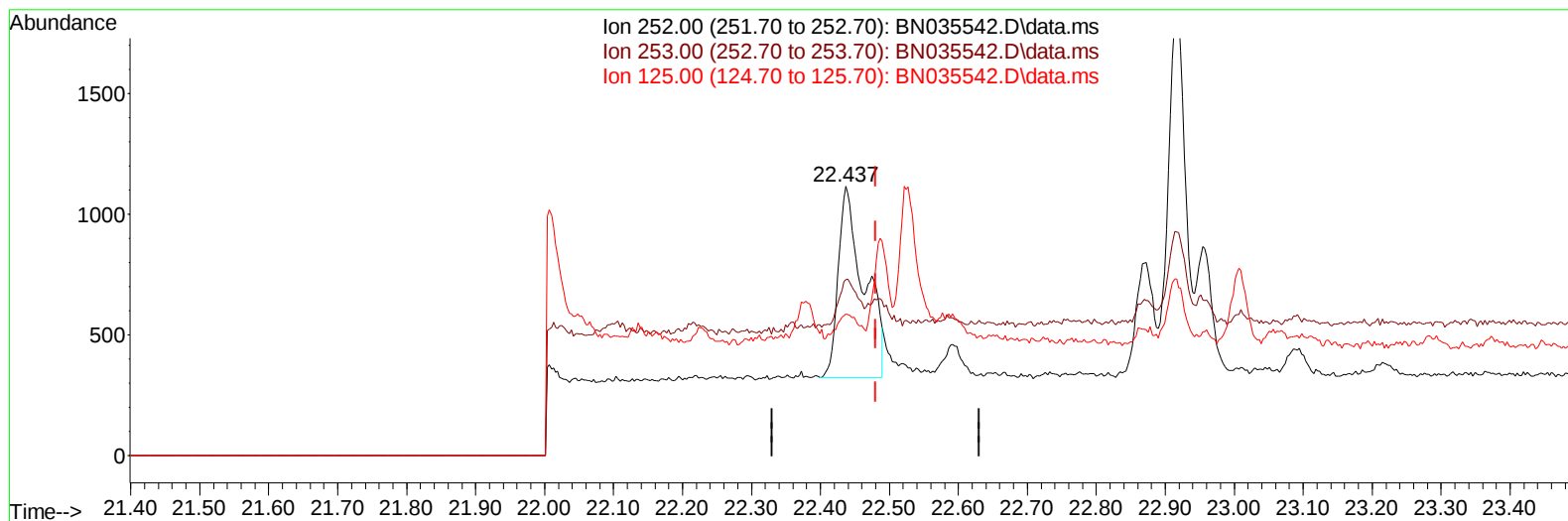
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
Data File : BN035542.D
Acq On : 10 Dec 2024 21:30
Operator : RC/JU
Sample : P5066-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28N0

Manual IntegrationsAPPROVED

Quant Time: Dec 10 22:05:25 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: BN035542.D\data.ms

(25) Benzo(k)fluoranthene

22.437min (-0.044) 0.08 ng/u1

response 2040

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.20	65.32#
125.00	10.70	52.78#
0.00	0.00	0.00

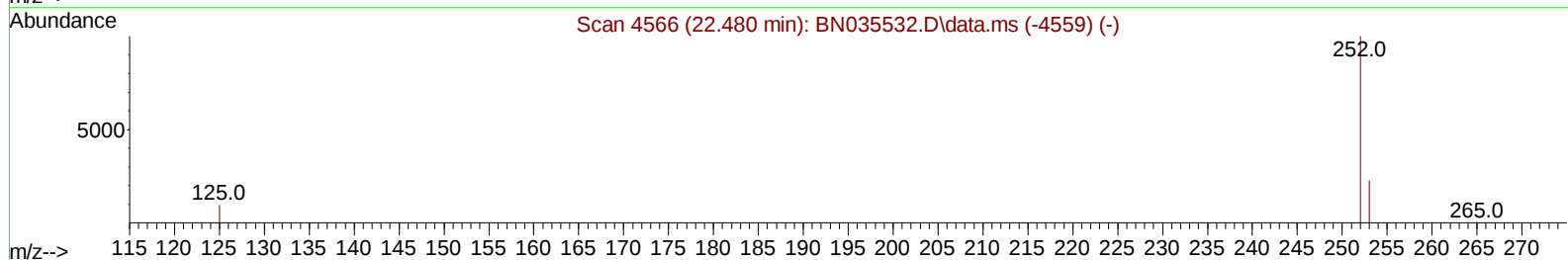
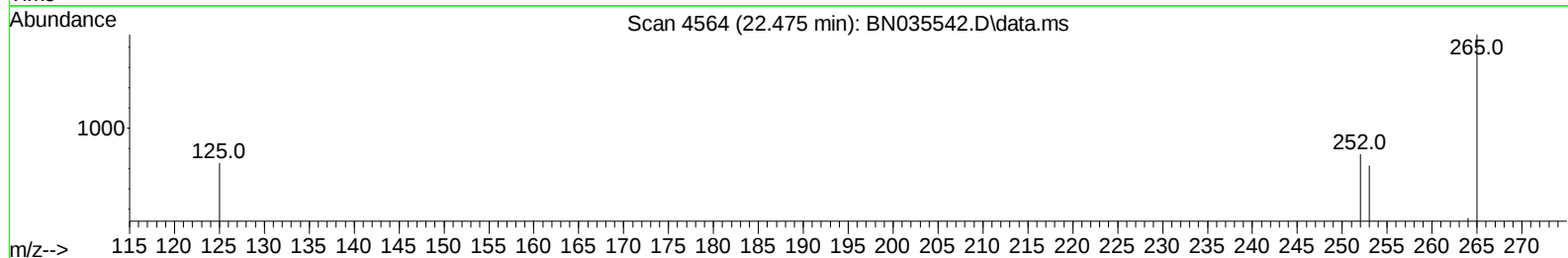
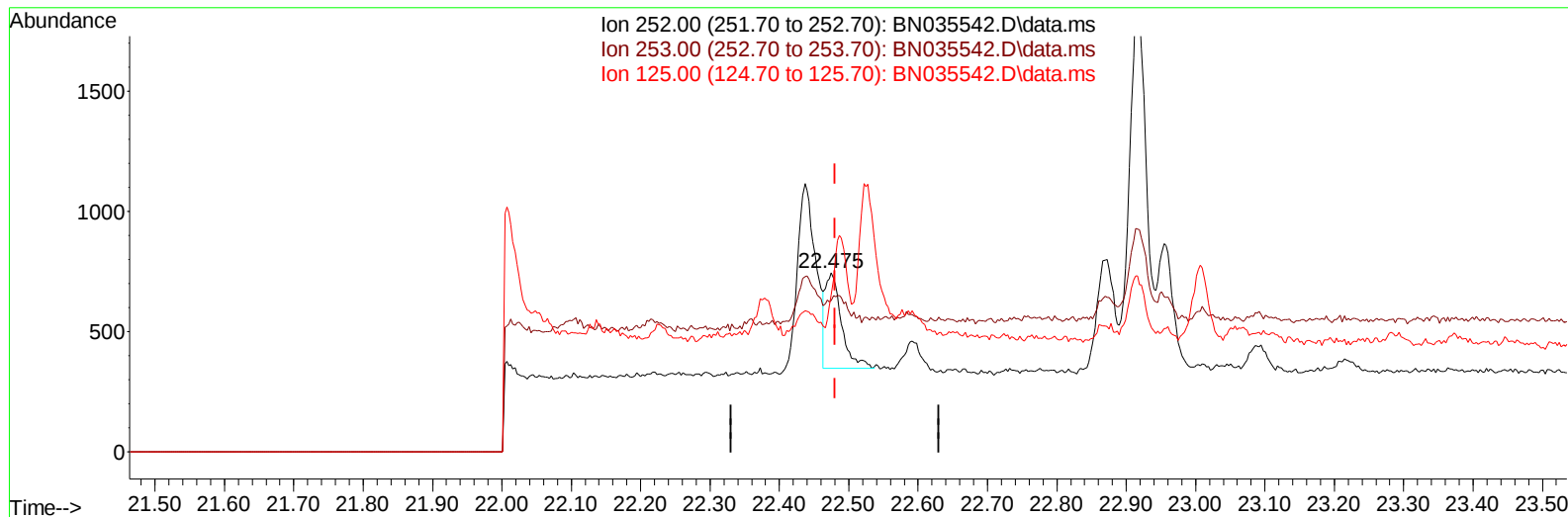
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
Data File : BN035542.D
Acq On : 10 Dec 2024 21:30
Operator : RC/JU
Sample : P5066-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28N0

Manual IntegrationsAPPROVED

Quant Time: Dec 10 22:05:25 2024
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Supervised By :mohammad ahmed 12/12/2024



TIC: BN035542.D\data.ms

(25) Benzo(k)fluoranthene

22.475min (-0.006) 0.02 ng/u1 m

response 633

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.20	84.43#
125.00	10.70	87.65#
0.00	0.00	0.00

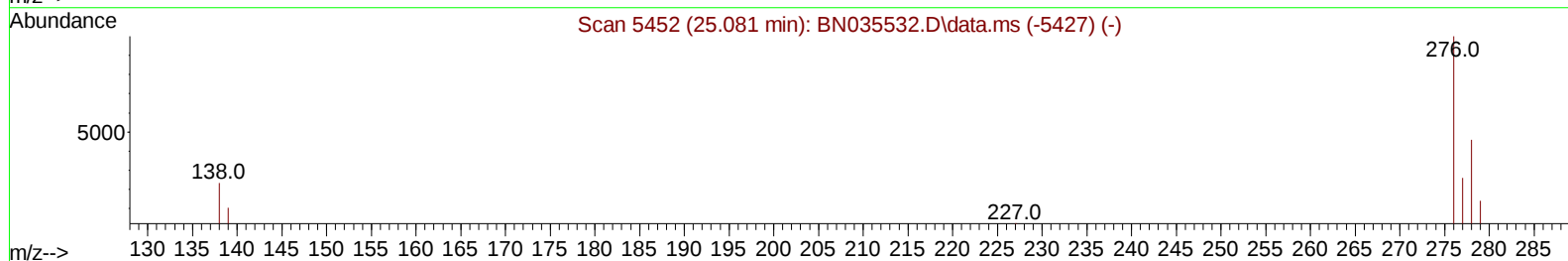
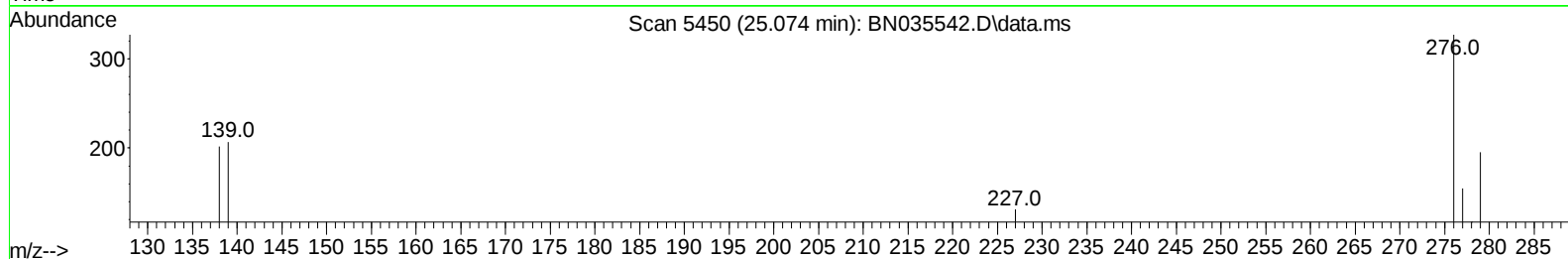
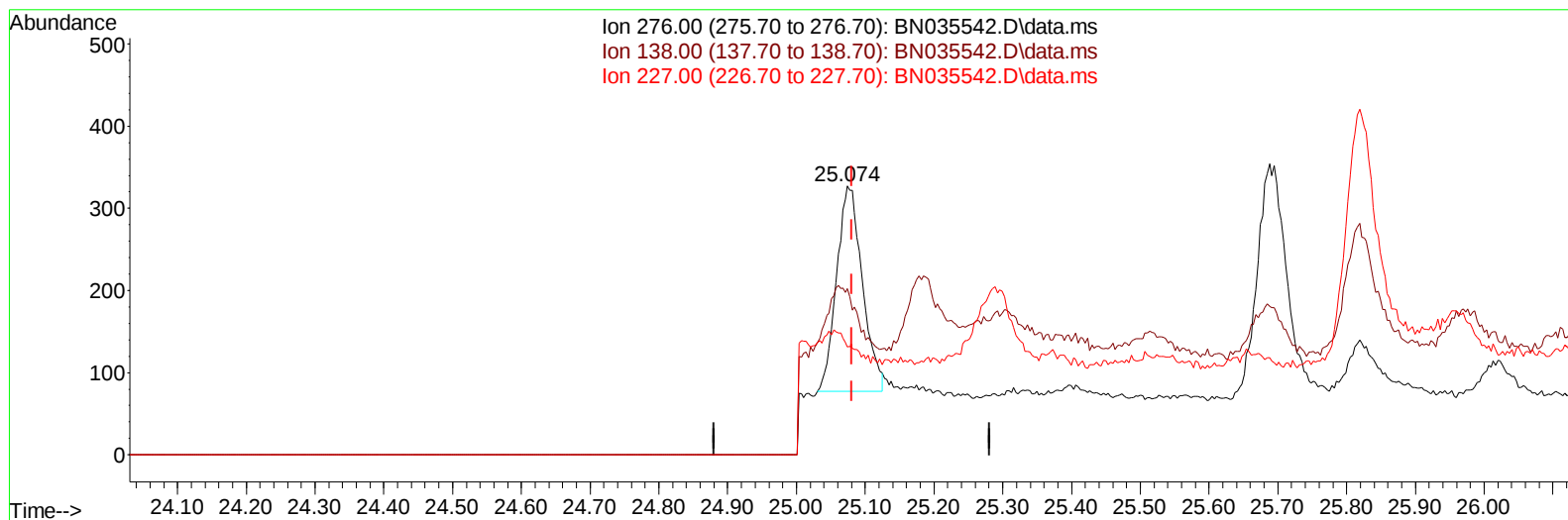
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Data File : BN035542.D
Acq On : 10 Dec 2024 21:30
Operator : RC/JU
Sample : P5066-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28N0

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 12/12/2024



TIC: BN035542.D\data.ms

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

25.074min (-0.007) 0.02 ng/u1

response 653

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

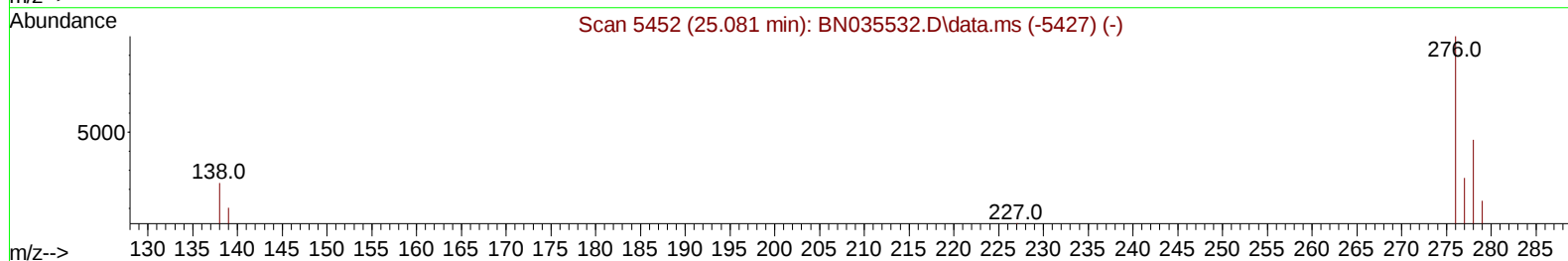
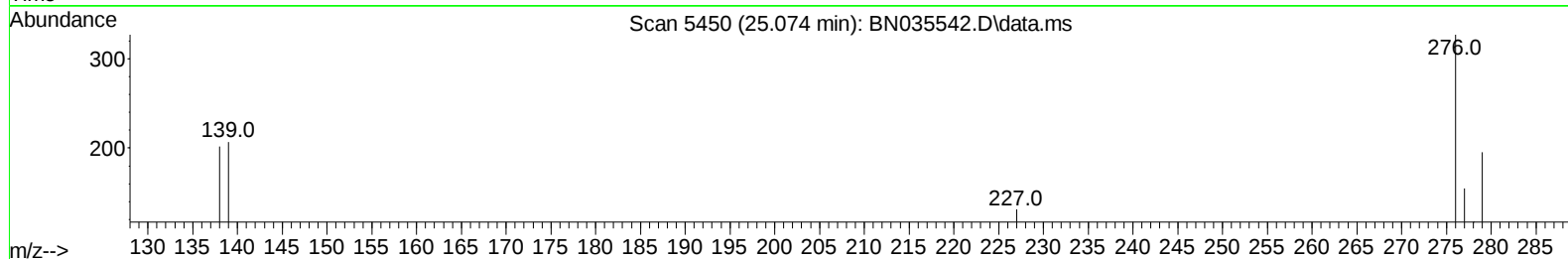
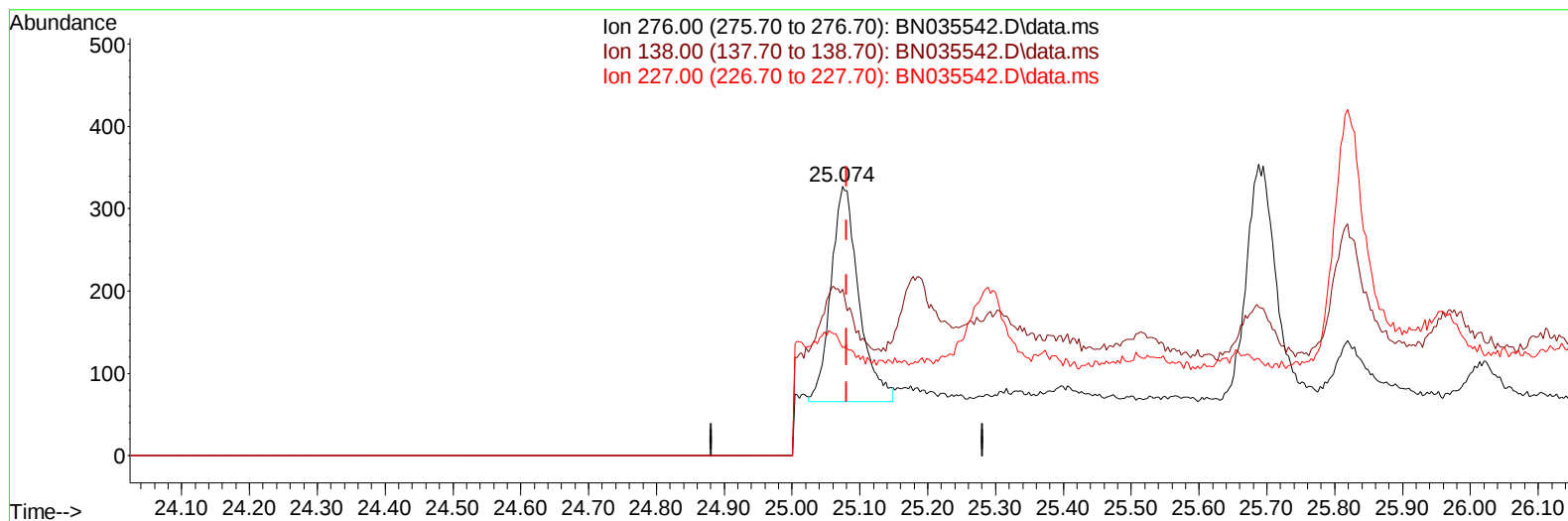
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
Data File : BN035542.D
Acq On : 10 Dec 2024 21:30
Operator : RC/JU
Sample : P5066-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BN035542.D\data.ms

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

25.074min (-0.007) 0.02 ng/ul m

response 748

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

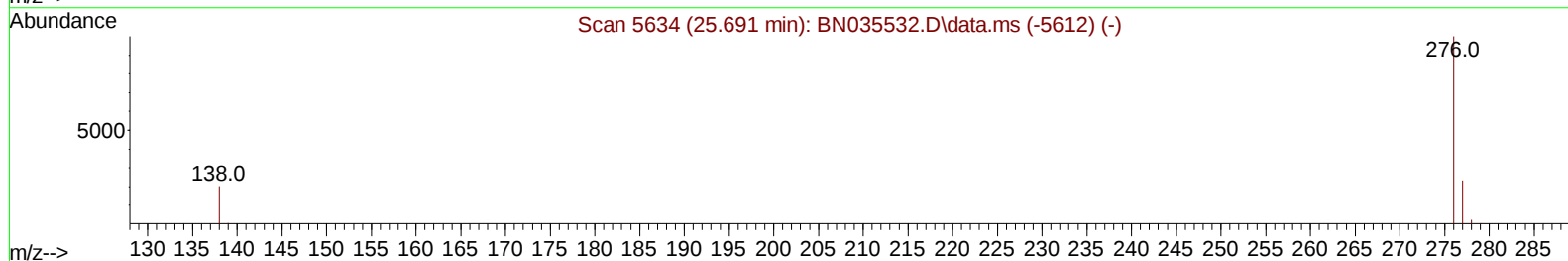
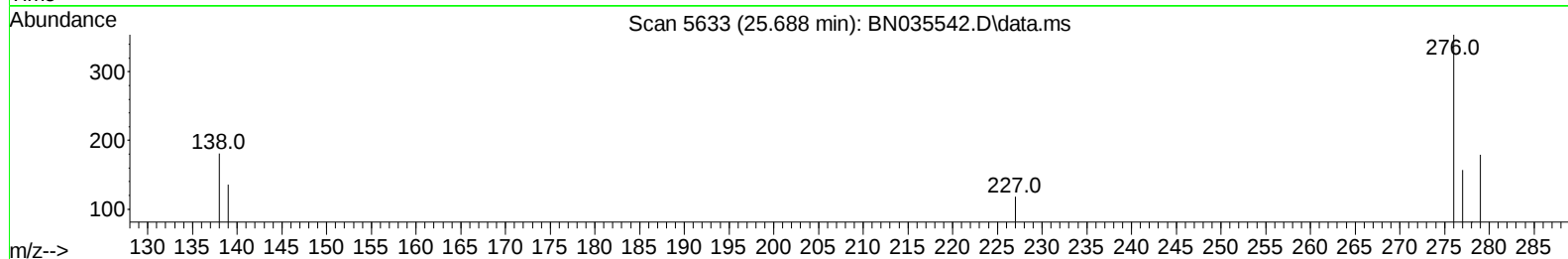
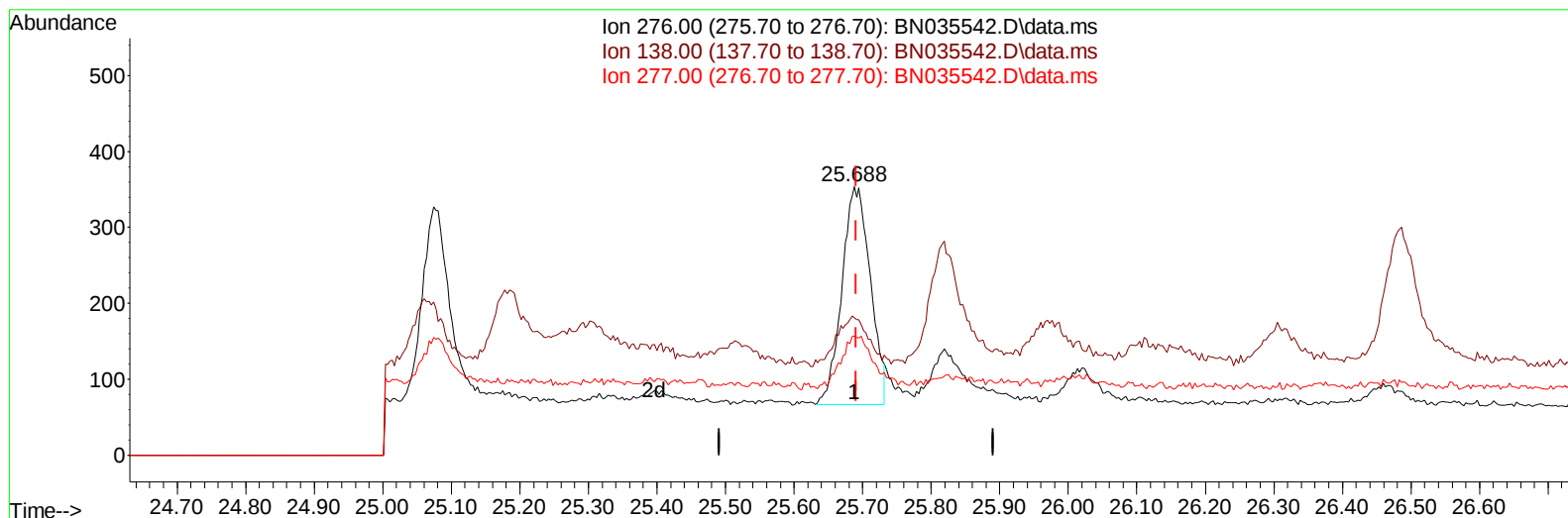
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
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Operator : RC/JU
Sample : P5066-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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Manual IntegrationsAPPROVED

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Response via : Initial Calibration



TIC: BN035542.D\data.ms

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

25.688min (-0.003) 0.03 ng/u1

response 826

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	16.30	51.13#
277.00	25.60	44.35#
0.00	0.00	0.00

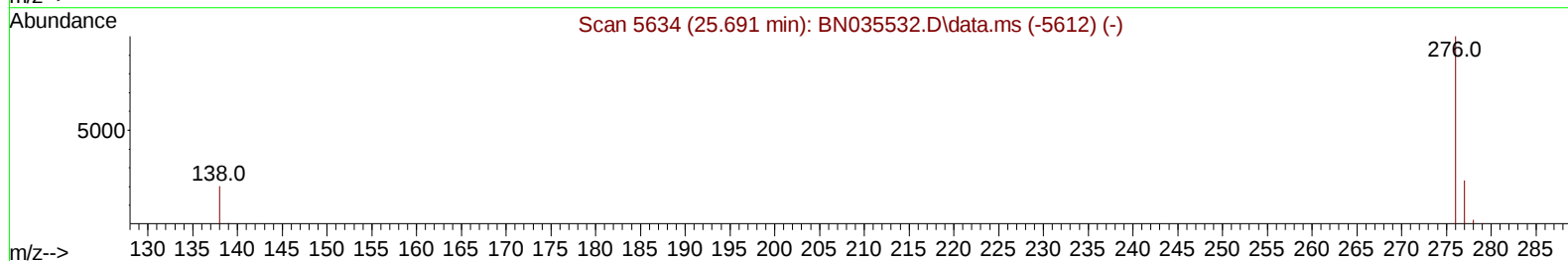
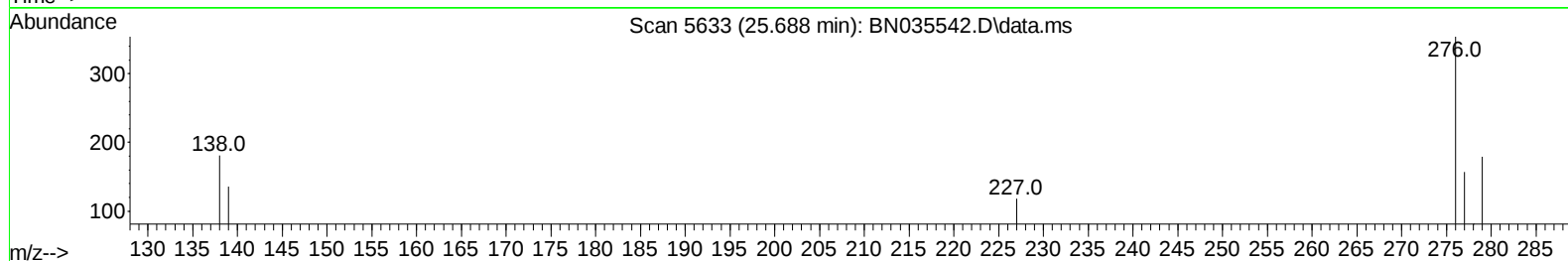
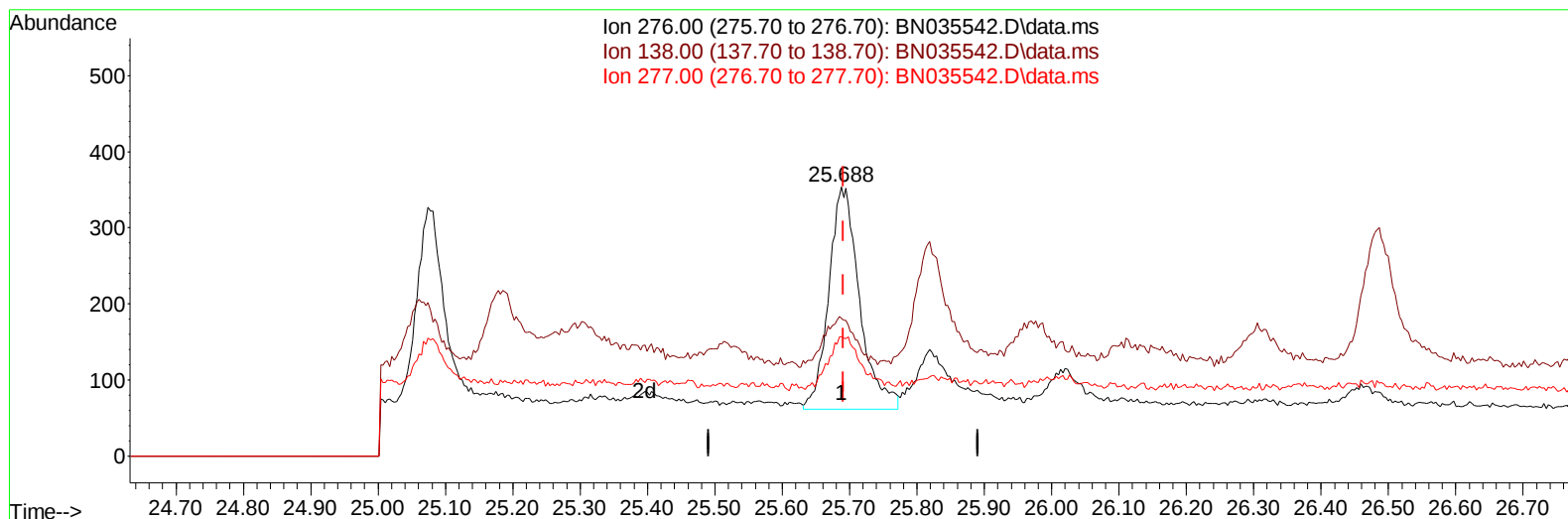
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
Data File : BN035542.D
Acq On : 10 Dec 2024 21:30
Operator : RC/JU
Sample : P5066-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28N0

Manual IntegrationsAPPROVED

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



TIC: BN035542.D\data.ms

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

25.688min (-0.003) 0.04 ng/u1 m

response 924

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	16.30	51.13#
277.00	25.60	44.35#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
 Data File : BN035542.D
 Acq On : 10 Dec 2024 21:30
 Operator : RC/JU
 Sample : P5066-12
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28N0

Manual IntegrationsAPPROVED

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

Quant Time: Dec 10 22:05:25 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		3513	0.400	ng/ul	0.00
4) Naphthalene-d8	10.037	136		10380	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.949	164		6701	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.717	188		13610m	0.400	ng/ul	0.00
17) Chrysene-d12	20.958	240		8629	0.400	ng/ul	# 0.00
23) Perylene-d12	23.048	264		7837m	0.400	ng/ul	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	2.959	96		17891	5.572	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.637	152		5171	0.340	ng/ul	0.00
18) Fluoranthene-d10	18.768	212		10111	0.425	ng/ul	0.00
Target Compounds							
						Qvalue	
7) 2-Methylnaphthalene	11.714	142		370	0.020	ng/ul	94
15) Phenanthrene	16.755	178		1499	0.042	ng/ul#	83
19) Fluoranthene	18.796	202		2145	0.071	ng/ul#	83
20) Pyrene	19.163	202		1784	0.057	ng/ul#	67
21) Benzo(a)anthracene	20.941	228		759	0.025	ng/ul#	67
22) Chrysene	20.994	228		1480	0.049	ng/ul#	83
24) Benzo(b)fluoranthene	22.437	252		1520m	0.059	ng/ul	
25) Benzo(k)fluoranthene	22.475	252		633m	0.024	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.074	276		748m	0.023	ng/ul	
29) Benzo(g,h,i)perylene	25.688	276		924m	0.037	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
Data File : BN035542.D
Acq On : 10 Dec 2024 21:30
Operator : RC/JU
Sample : P5066-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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