

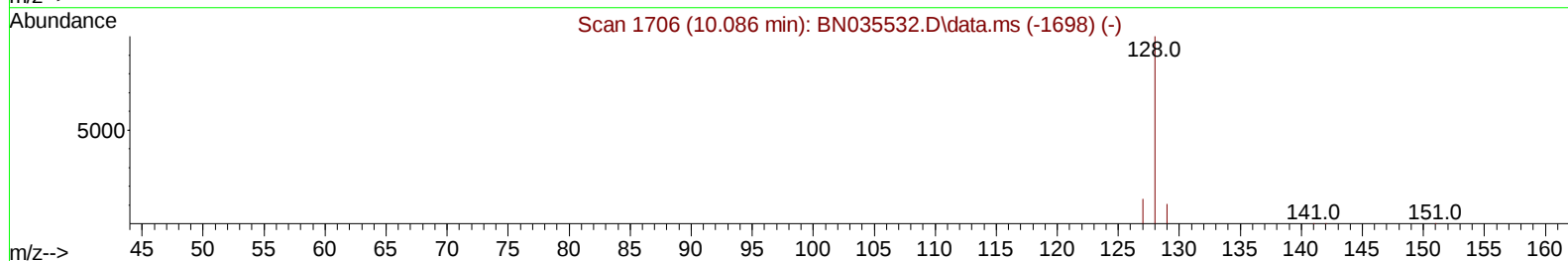
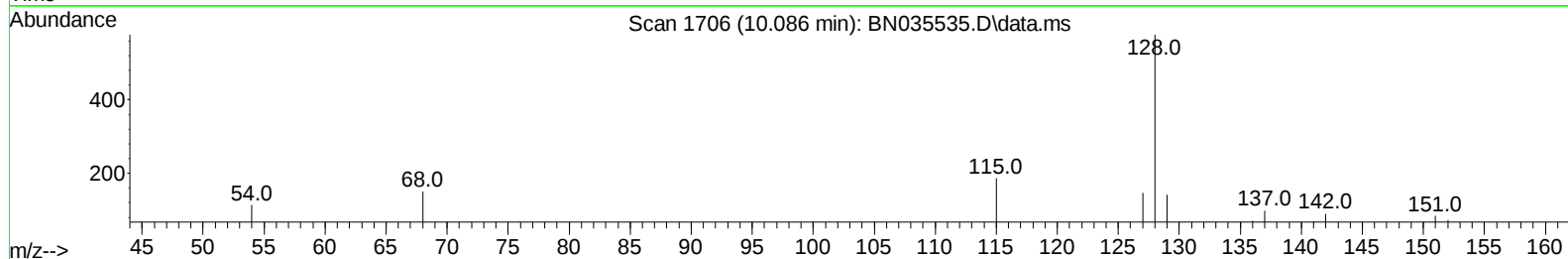
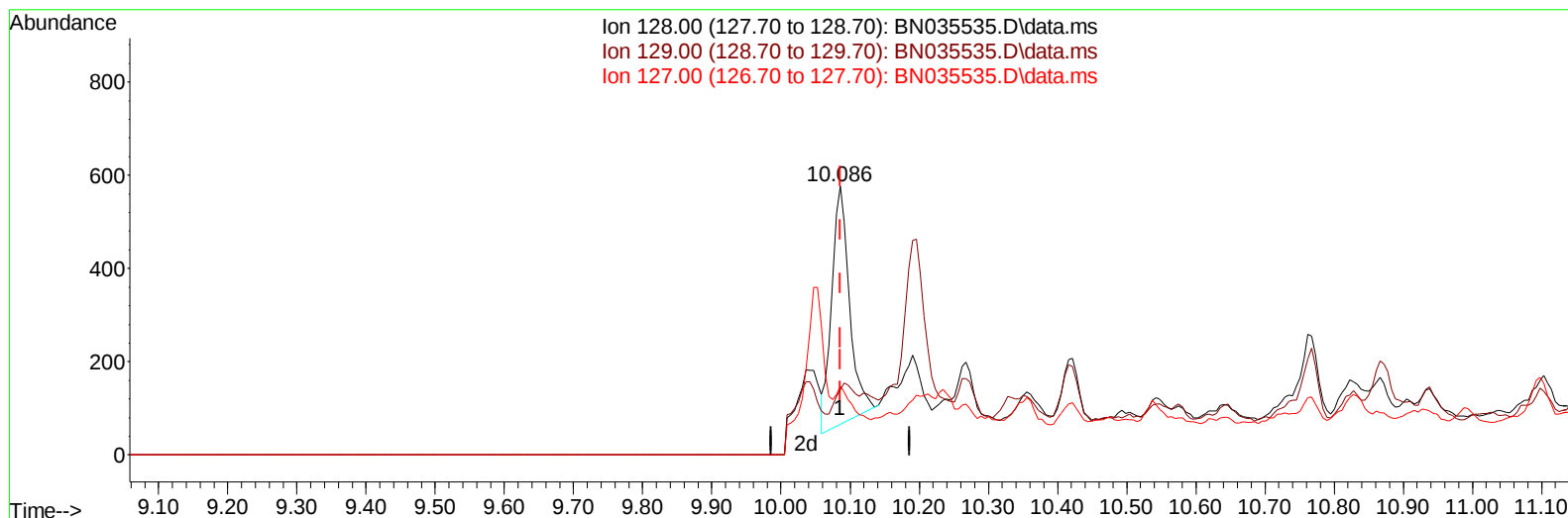
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
Data File : BN035535.D
Acq On : 10 Dec 2024 17:18
Operator : RC/JU
Sample : P5066-19
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28N7

Manual IntegrationsAPPROVED

Quant Time: Dec 10 22:04:35 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: BN035535.D\data.ms

(5) Naphthalene

10.086min (-0.000) 0.04 ng/u1

response 916

Ion	Exp%	Act%
128.00	100.00	100.00
129.00	12.40	24.44#
127.00	14.30	25.48#
0.00	0.00	0.00

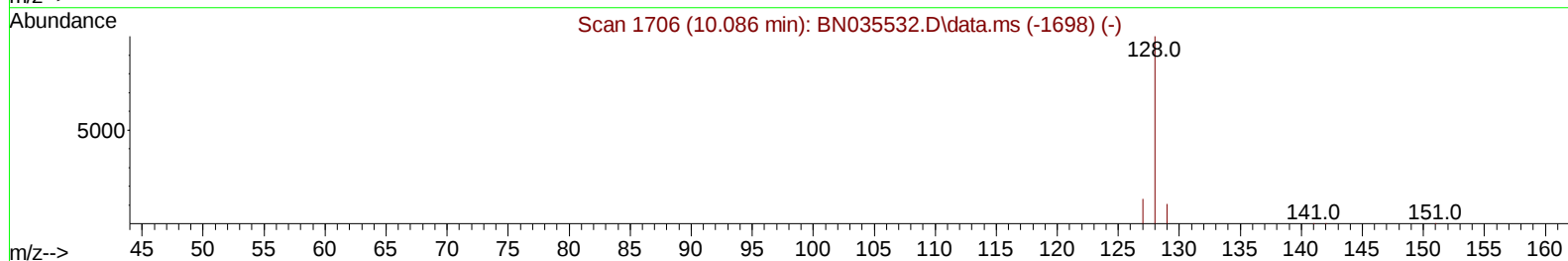
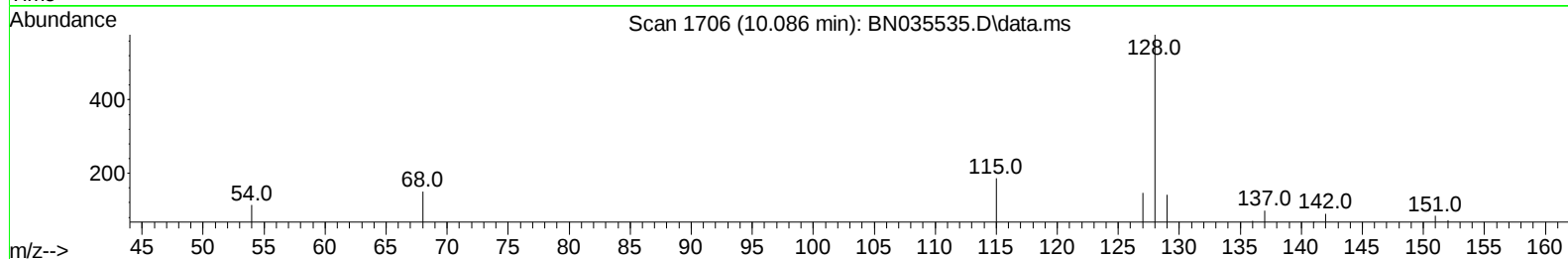
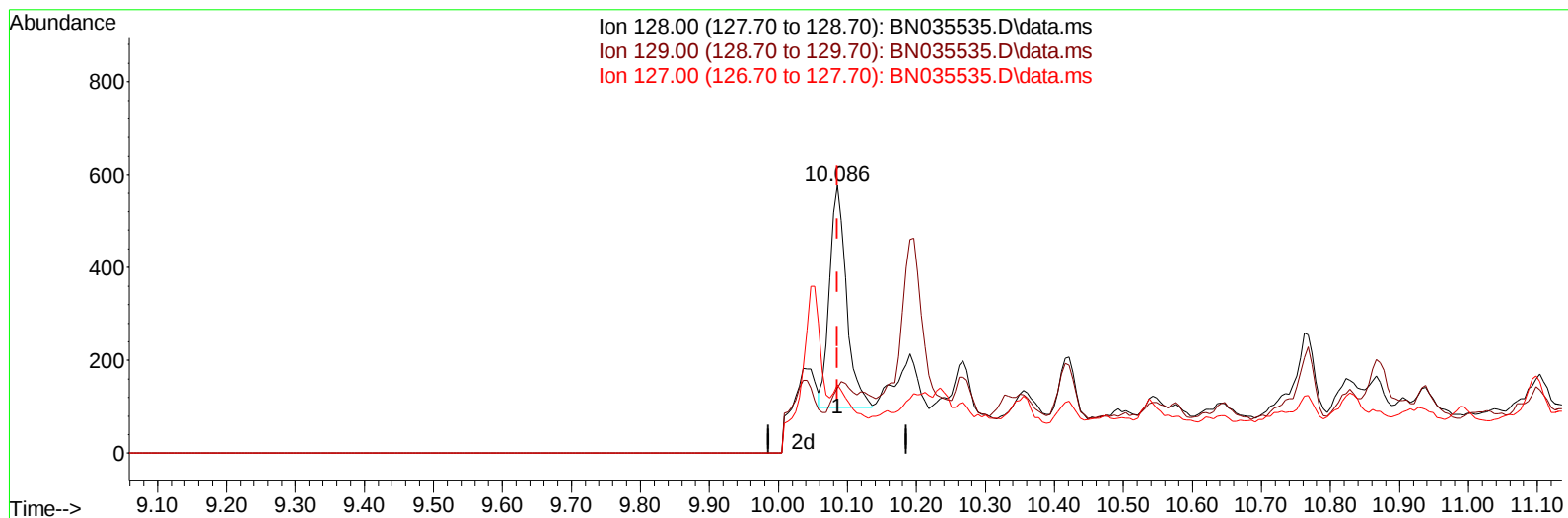
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
Data File : BN035535.D
Acq On : 10 Dec 2024 17:18
Operator : RC/JU
Sample : P5066-19
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28N7

Manual IntegrationsAPPROVED

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

Quant Time: Dec 10 22:04:35 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



TIC: BN035535.D\data.ms

(5) Naphthalene

10.086min (-0.000) 0.04 ng/ul m

response 804

Ion	Exp%	Act%
128.00	100.00	100.00
129.00	12.40	24.44#
127.00	14.30	25.48#
0.00	0.00	0.00

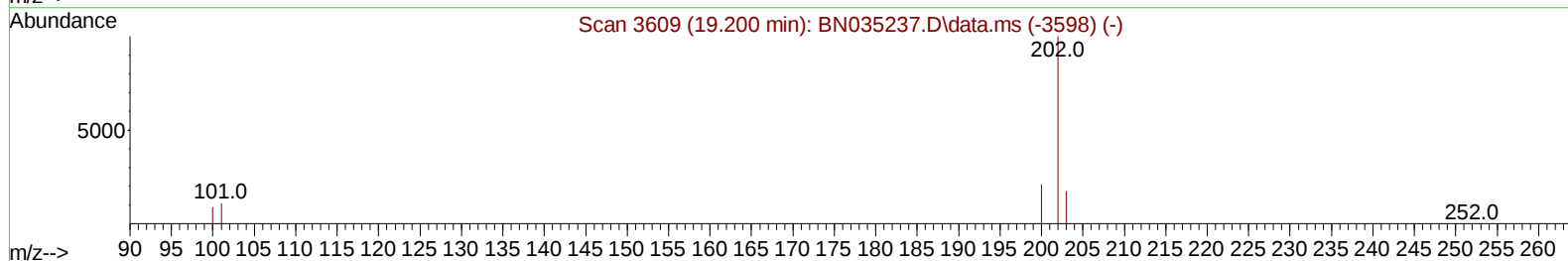
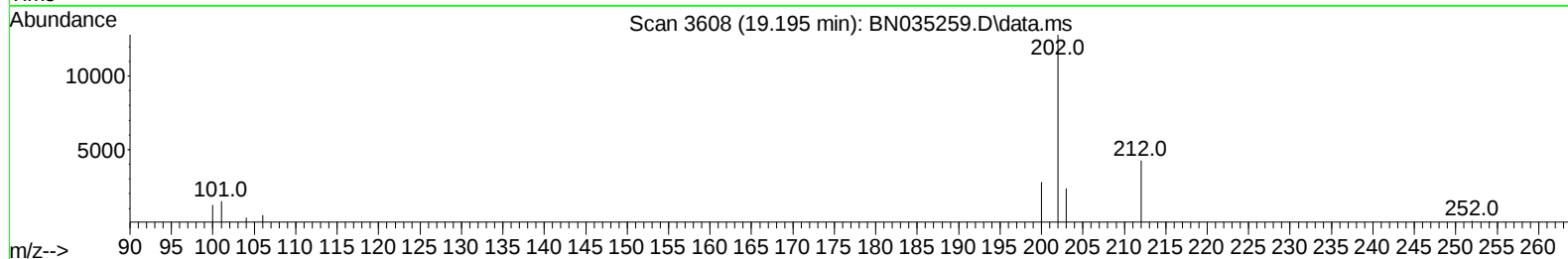
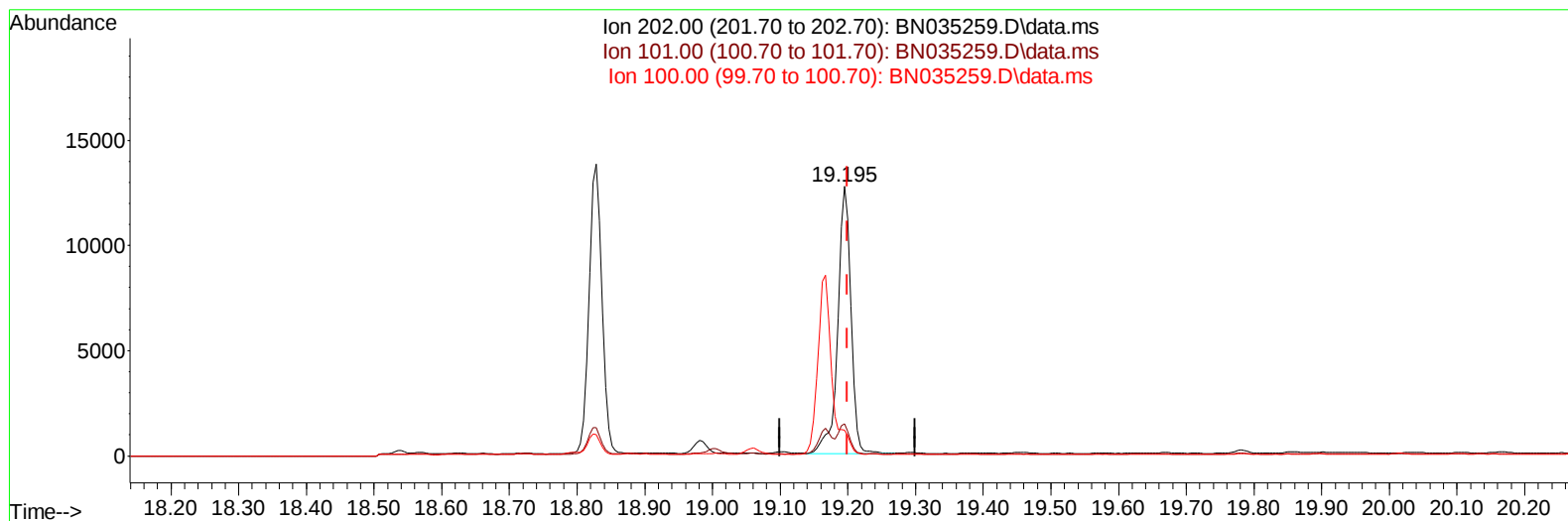
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112224\
Data File : BN035259.D
Acq On : 23 Nov 2024 02:11
Operator : RC/JU
Sample : P4872-08
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28N7

Manual IntegrationsAPPROVED

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

Quant Time: Nov 23 02:35:34 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 : Fri Nov 22 12:45:23 2024
Response via : Initial Calibration



TIC: BN035259.D\data.ms

(20) Pyrene

19.195min (-0.005) 0.50 ng/u1

response 17009

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	7.80	11.83#
100.00	6.40	9.64#
0.00	0.00	0.00

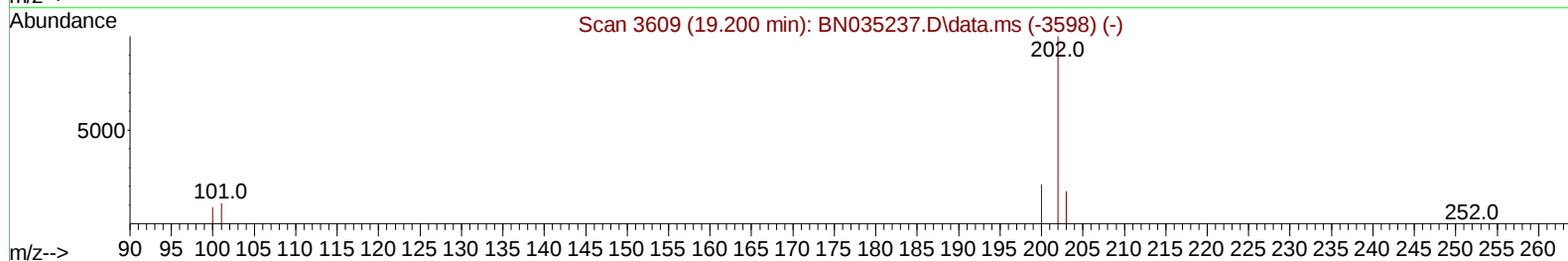
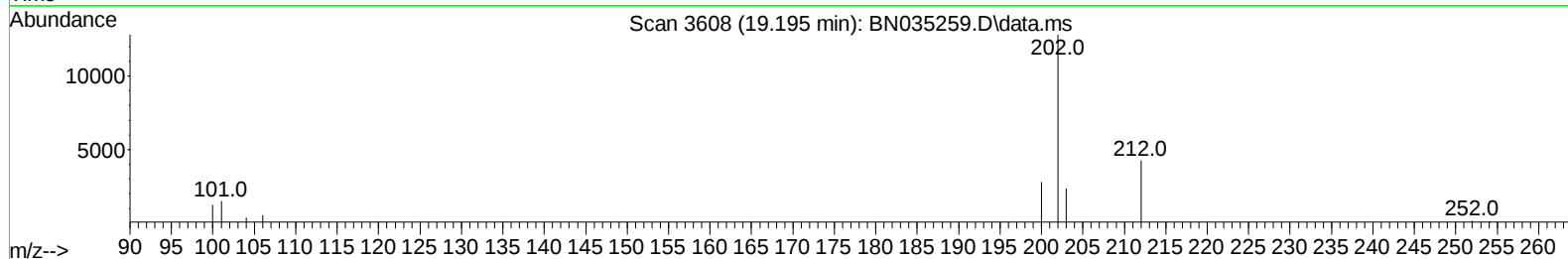
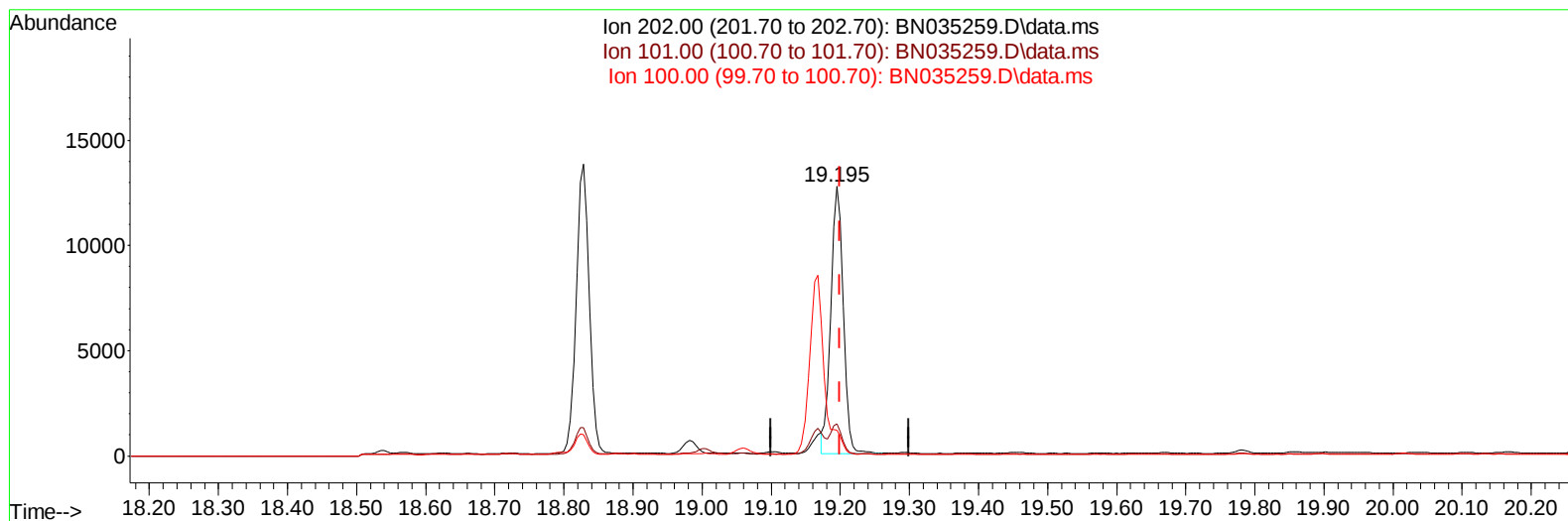
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112224\
Data File : BN035259.D
Acq On : 23 Nov 2024 02:11
Operator : RC/JU
Sample : P4872-08
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28N7

Manual IntegrationsAPPROVED

Quant Time: Nov 23 02:35:34 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 : Fri Nov 22 12:45:23 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/12/2024
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TIC: BN035259.D\data.ms

(20) Pyrene

19.195min (-0.005) 0.48 ng/ul m

response 16086

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	7.80	11.83#
100.00	6.40	9.64#
0.00	0.00	0.00

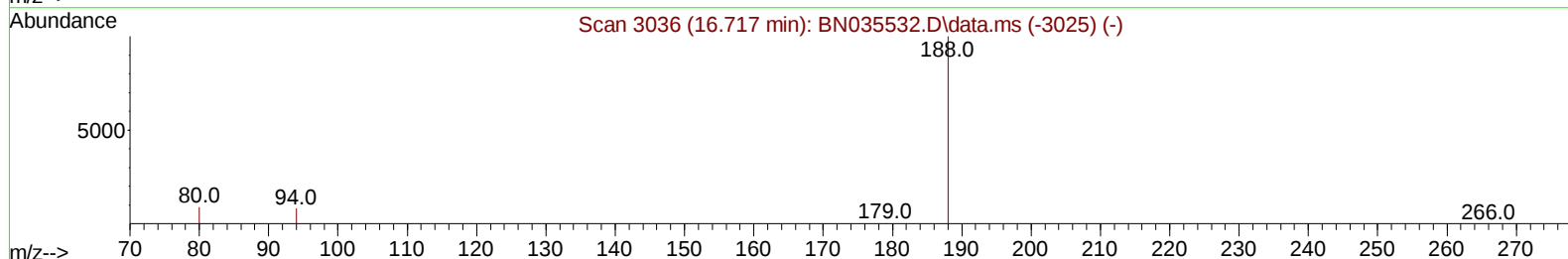
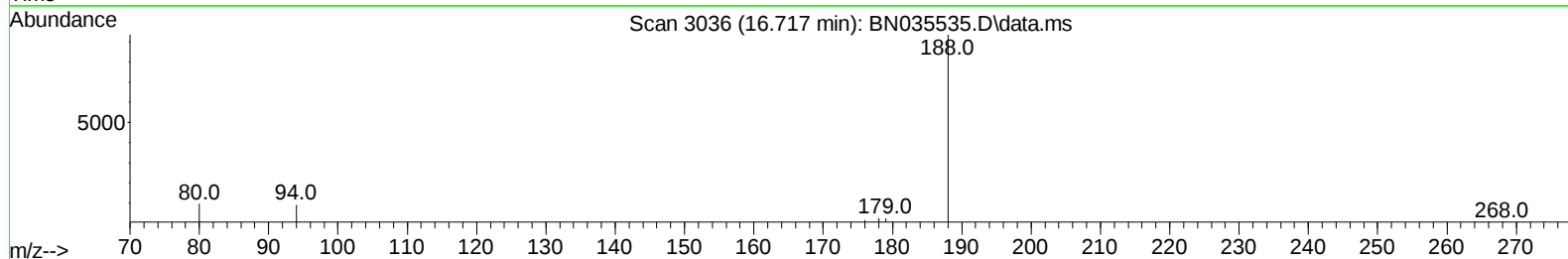
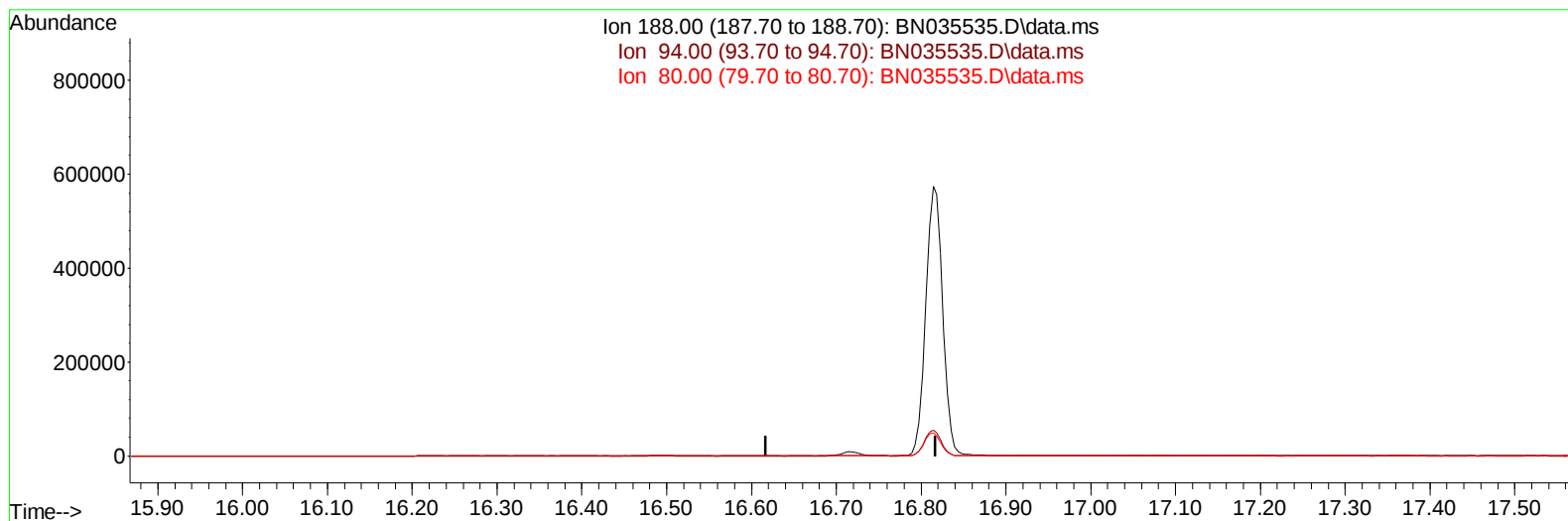
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
Data File : BN035535.D
Acq On : 10 Dec 2024 17:18
Operator : RC/JU
Sample : P5066-19
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28N7

Manual IntegrationsAPPROVED

Quant Time: Dec 10 22:04:35 2024
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TIC: BN035535.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

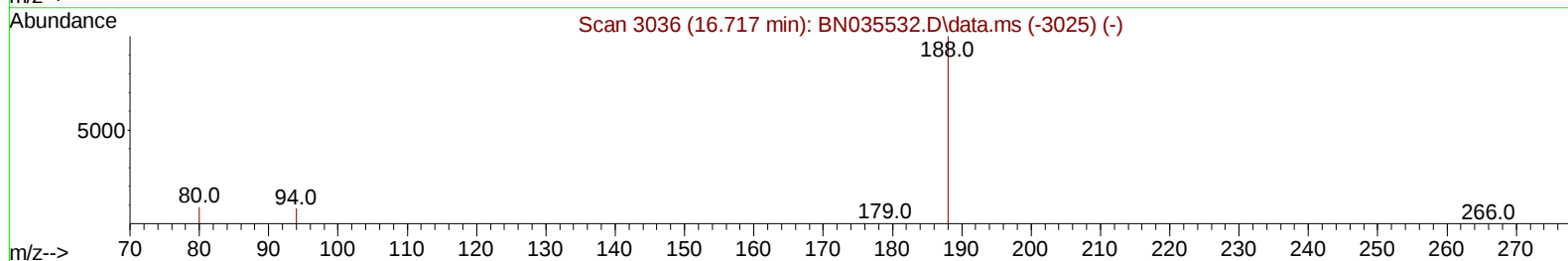
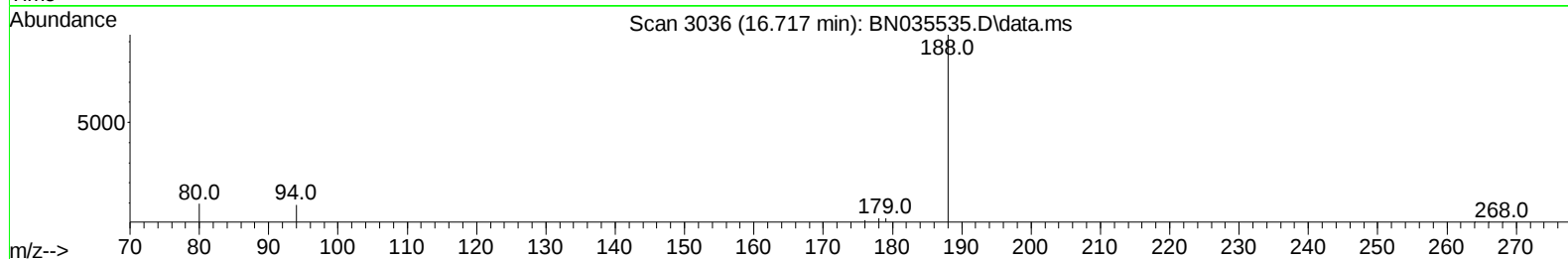
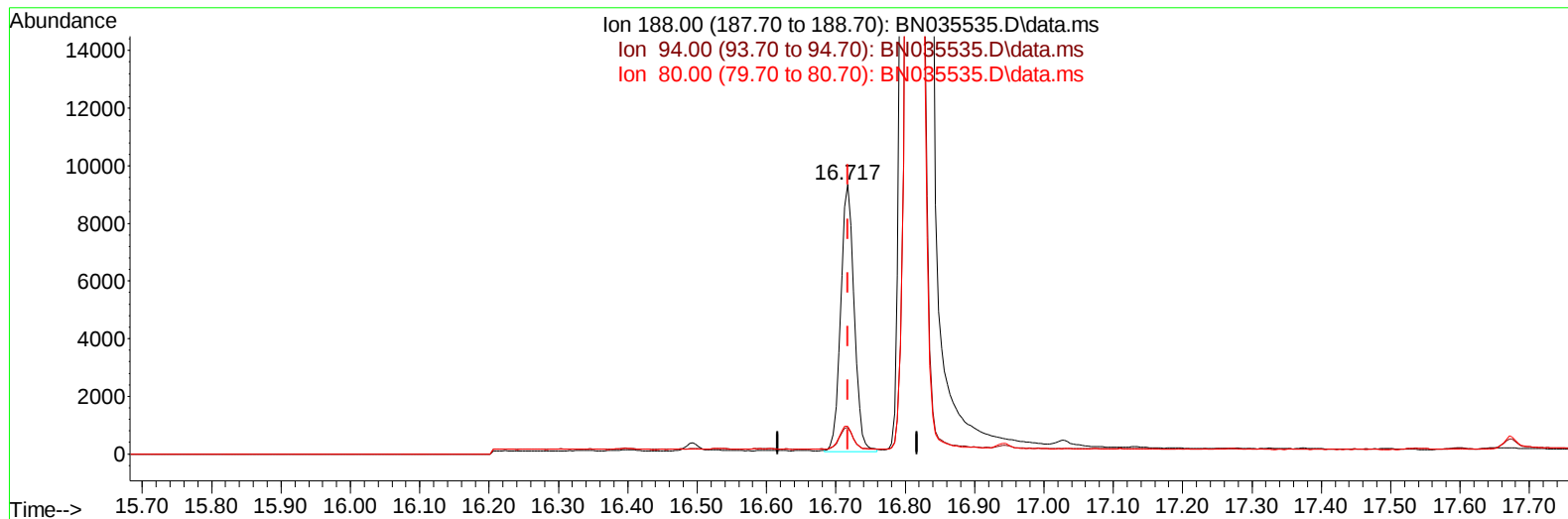
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
Data File : BN035535.D
Acq On : 10 Dec 2024 17:18
Operator : RC/JU
Sample : P5066-19
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28N7

Manual IntegrationsAPPROVED

Quant Time: Dec 10 22:04:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
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Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



TIC: BN035535.D\data.ms

(13) Phenanthrene-d10 (I)

16.717min (-0.000) 0.40 ng/ul m

response 12384

Ion	Exp%	Act%
188.00	100.00	100.00
94.00	7.00	9.76#
80.00	7.60	10.25#
0.00	0.00	0.00

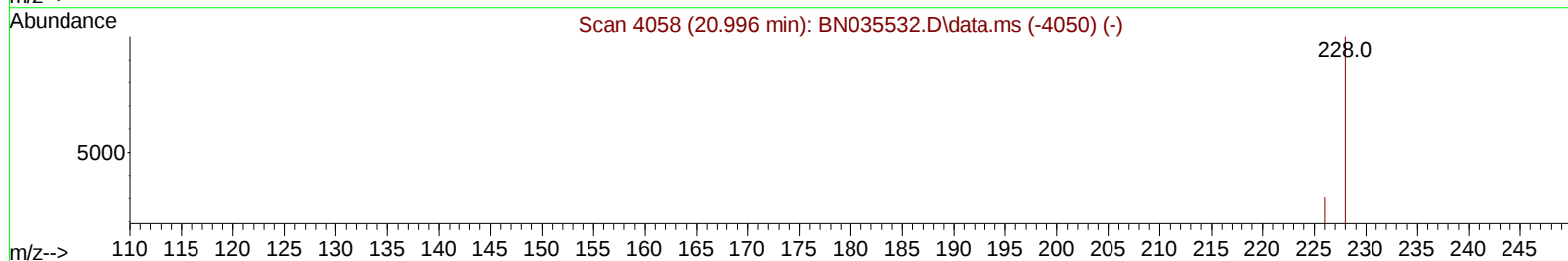
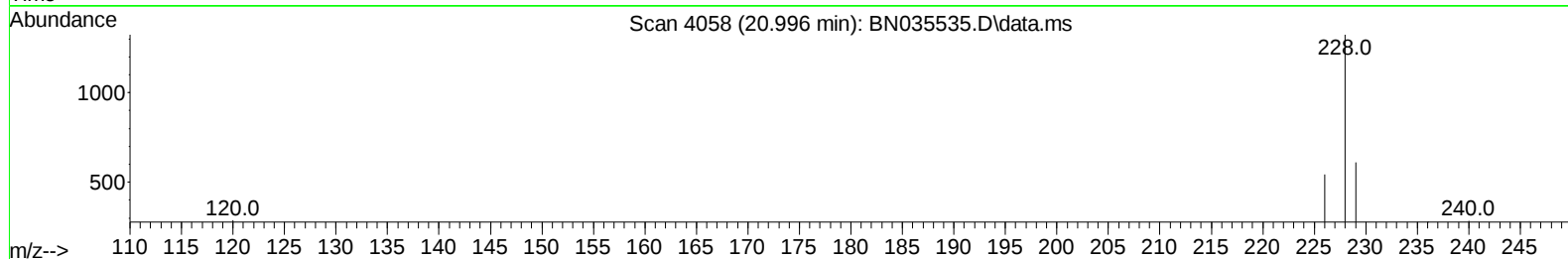
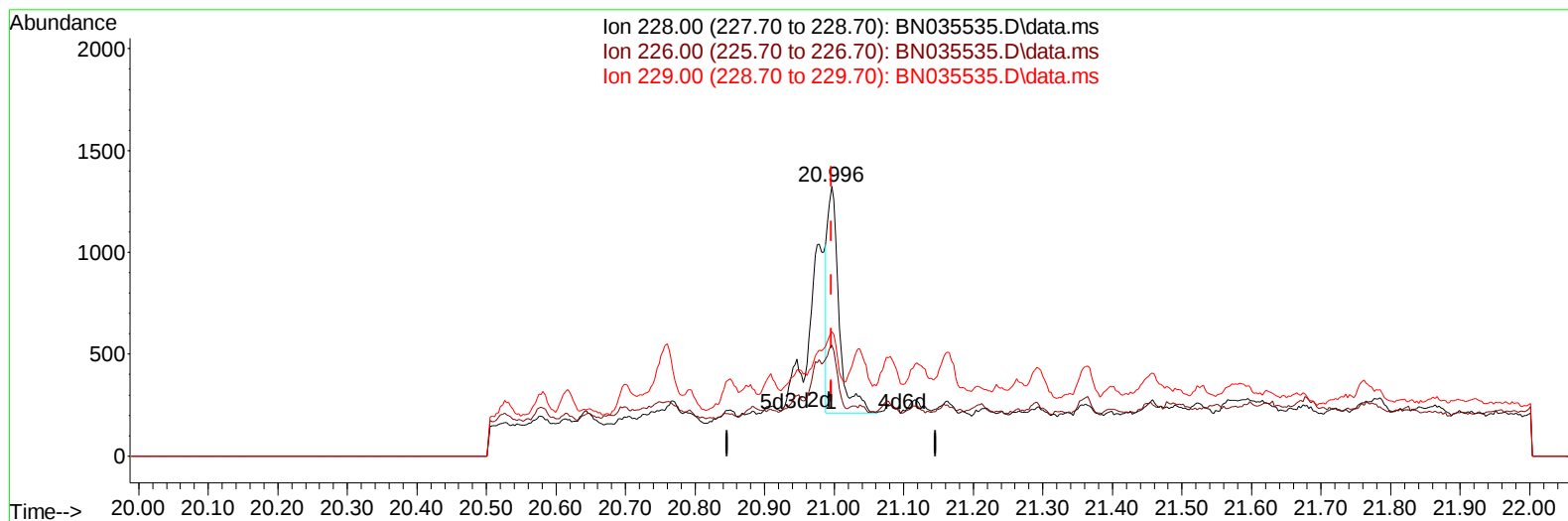
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
Data File : BN035535.D
Acq On : 10 Dec 2024 17:18
Operator : RC/JU
Sample : P5066-19
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28N7

Manual IntegrationsAPPROVED

Quant Time: Dec 10 22:04:35 2024
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TIC: BN035535.D\data.ms

(22) Chrysene

20.996min (-0.000) 0.05 ng/u1

response 1284

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.90	41.12#
229.00	20.00	46.03#
0.00	0.00	0.00

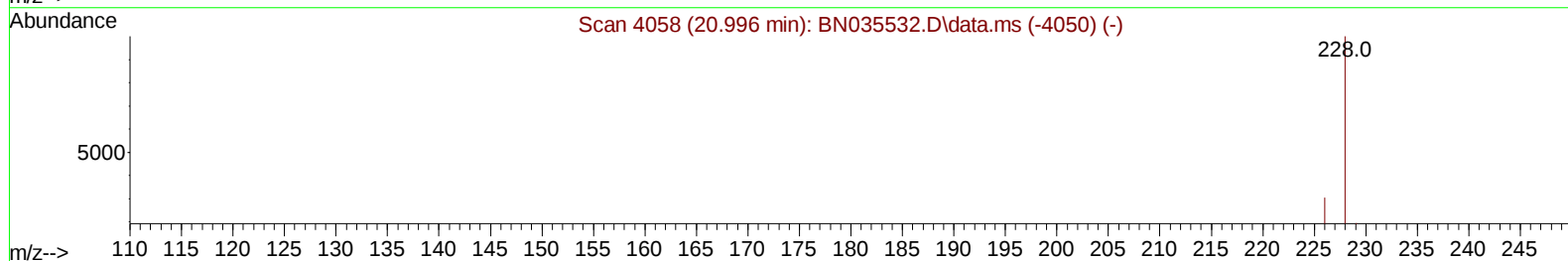
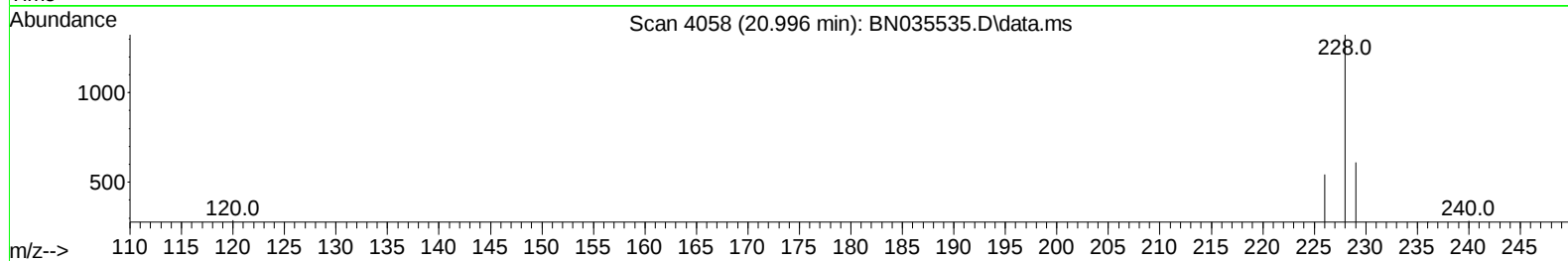
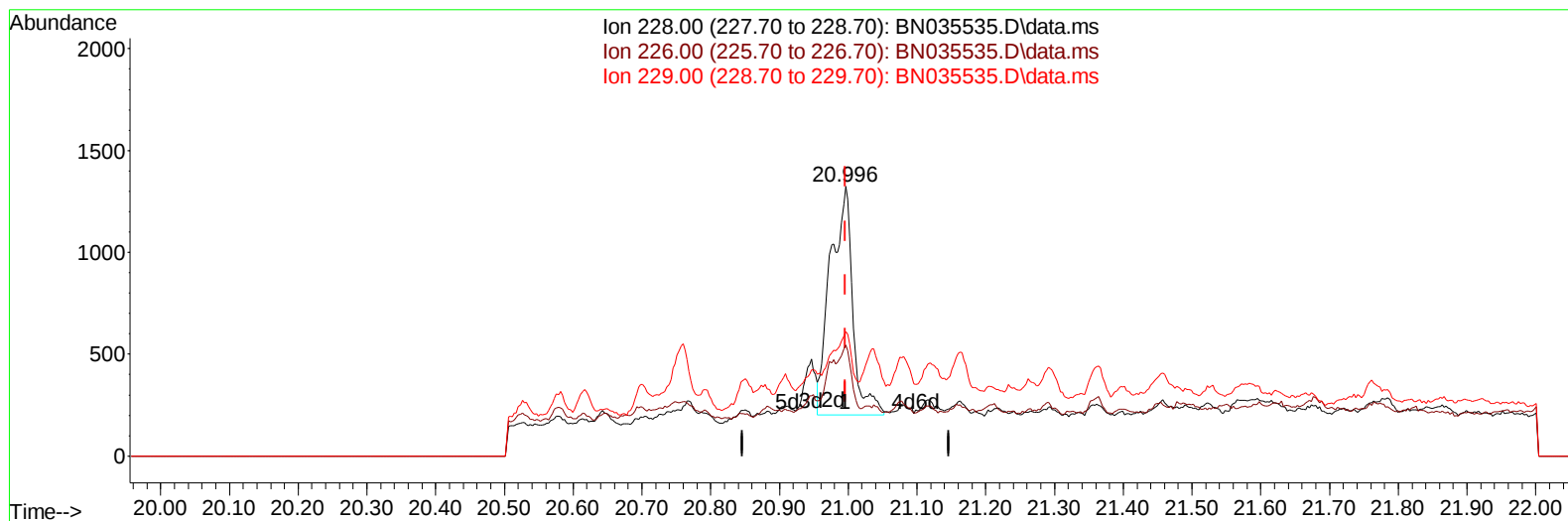
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
Data File : BN035535.D
Acq On : 10 Dec 2024 17:18
Operator : RC/JU
Sample : P5066-19
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28N7

Manual IntegrationsAPPROVED

Quant Time: Dec 10 22:04:35 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: BN035535.D\data.ms

(22) Chrysene

20.996min (-0.000) 0.09 ng/u1 m

response 2519

Ion	Exp%	Act%
228.00	100.00	100.00
226.00	30.90	41.12#
229.00	20.00	46.03#
0.00	0.00	0.00

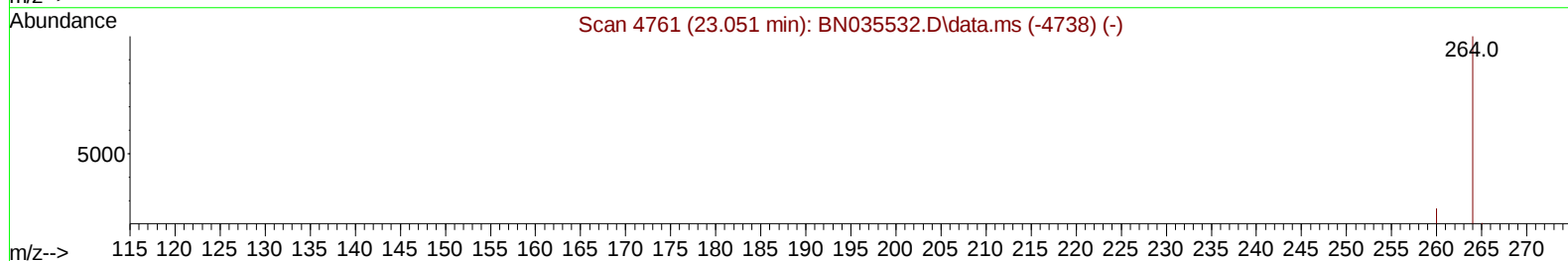
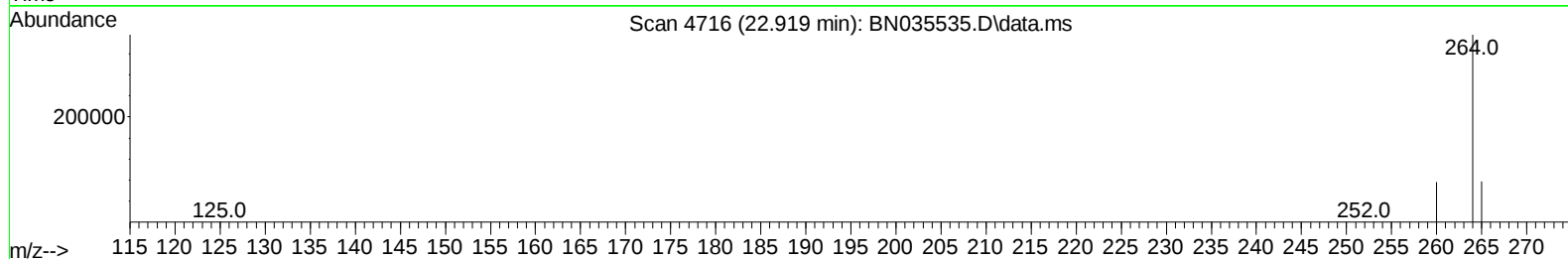
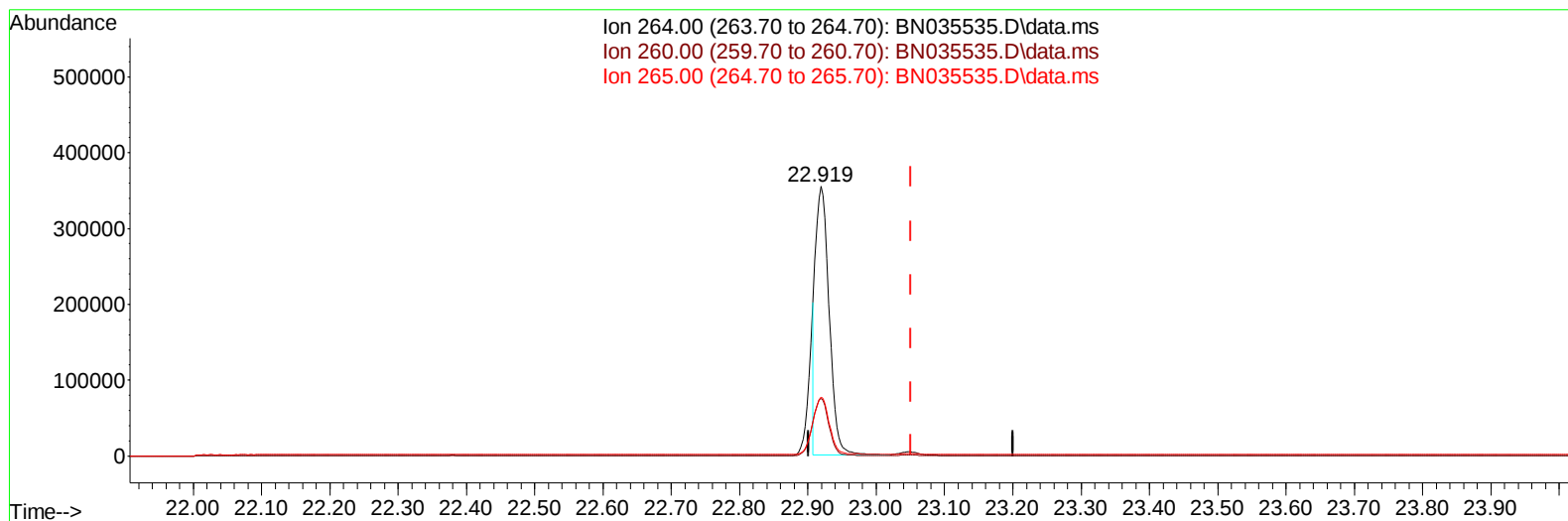
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
Data File : BN035535.D
Acq On : 10 Dec 2024 17:18
Operator : RC/JU
Sample : P5066-19
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28N7

Manual IntegrationsAPPROVED

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TIC: BN035535.D\data.ms

(23) Perylene-d12 (I)

22.919min (-0.132) 0.40 ng/u1

response 488078

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.20	21.46
265.00	75.50	21.81#
0.00	0.00	0.00

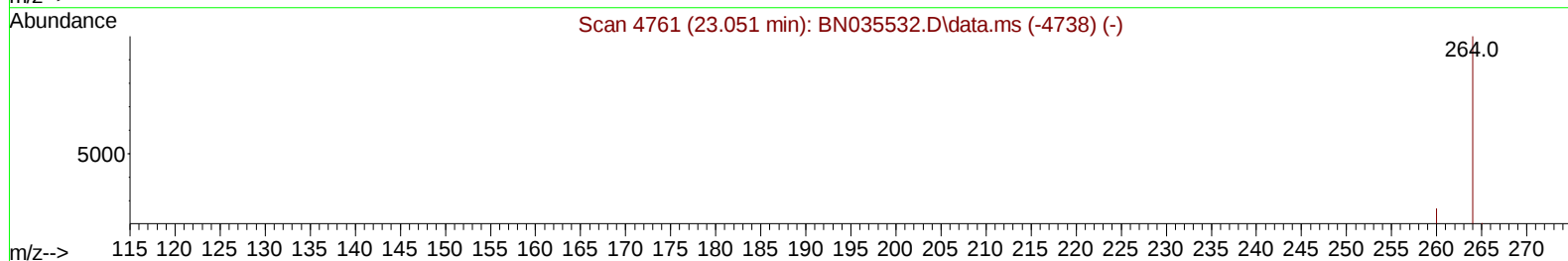
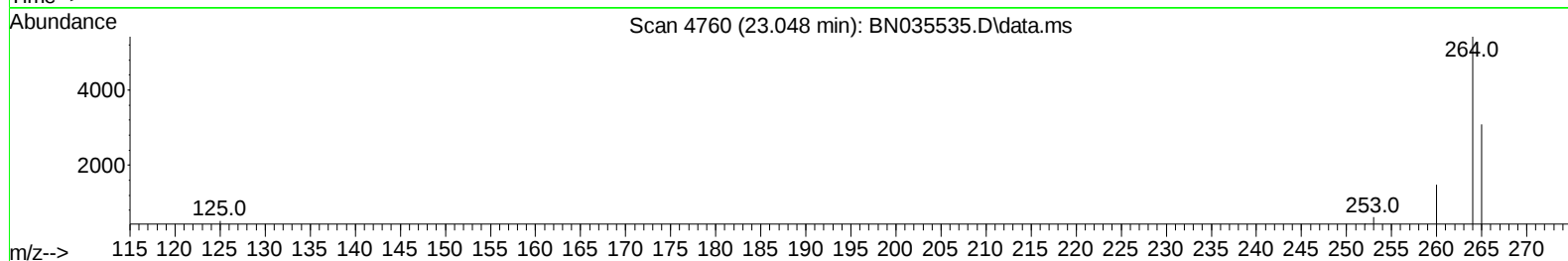
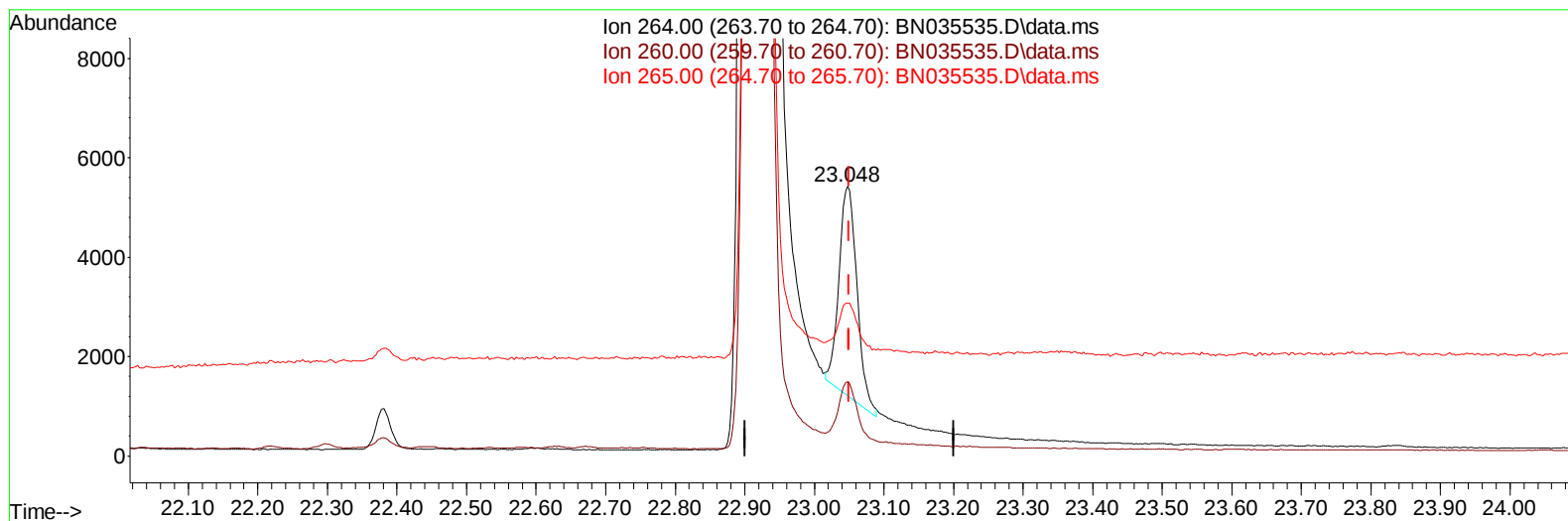
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
Data File : BN035535.D
Acq On : 10 Dec 2024 17:18
Operator : RC/JU
Sample : P5066-19
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28N7

Manual IntegrationsAPPROVED

Quant Time: Dec 10 22:04:35 2024
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Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



TIC: BN035535.D\data.ms

(23) Perylene-d12 (I)

23.048min (-0.003) 0.40 ng/u1 m

response 7522

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.20	27.38
265.00	75.50	56.83#
0.00	0.00	0.00

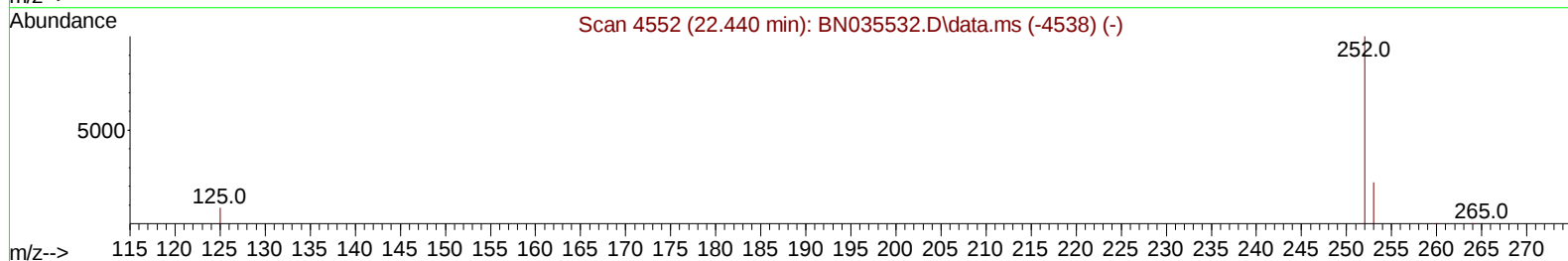
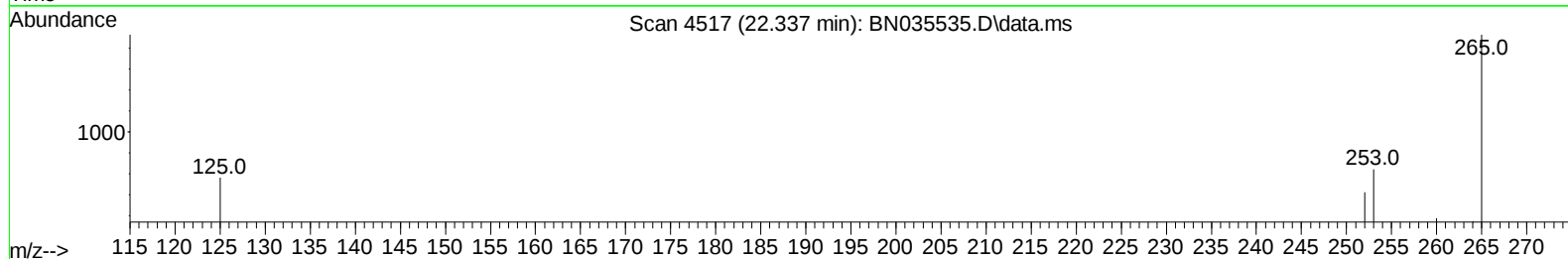
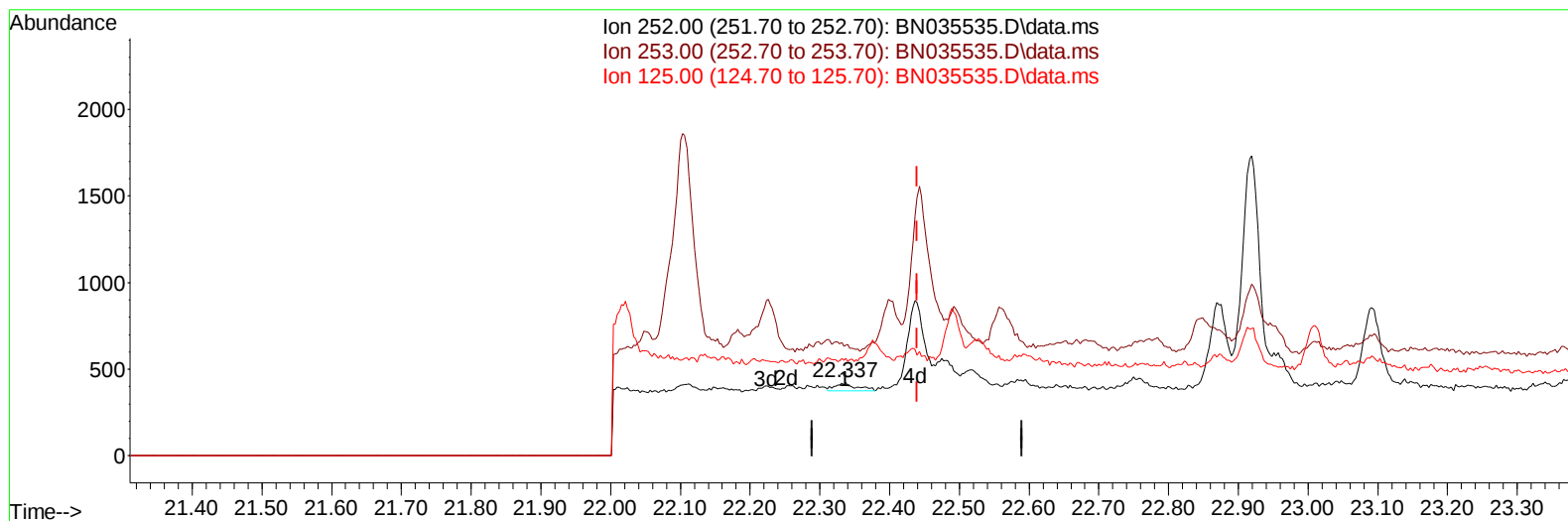
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
Data File : BN035535.D
Acq On : 10 Dec 2024 17:18
Operator : RC/JU
Sample : P5066-19
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28N7

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 12/12/2024



TIC: BN035535.D\data.ms

(24) Benzo(b)fluoranthene

22.337min (-0.102) 0.00 ng/u1

response 98

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	150.94#
125.00	9.70	132.31#
0.00	0.00	0.00

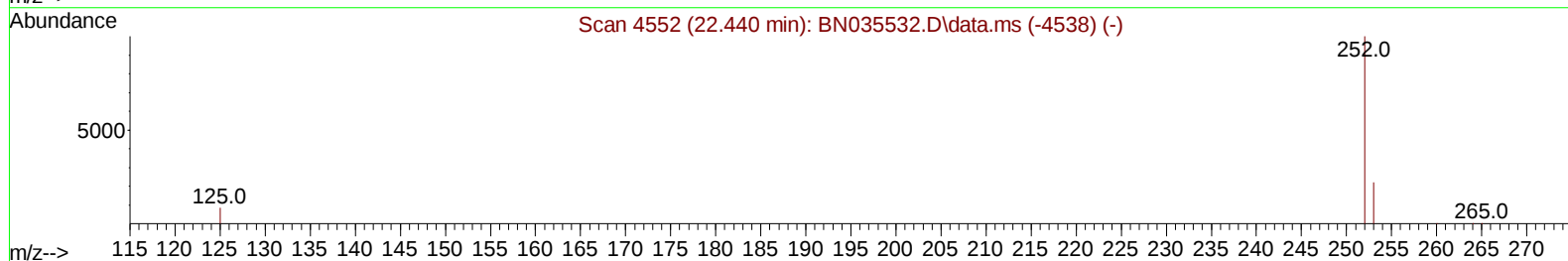
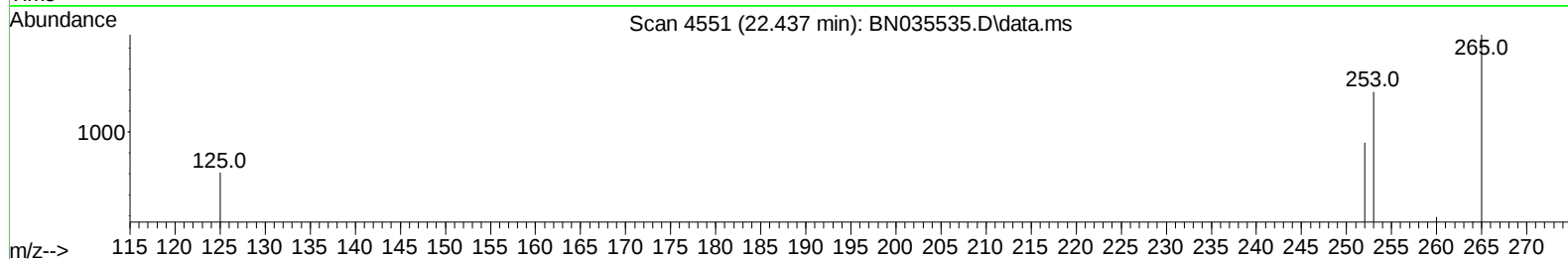
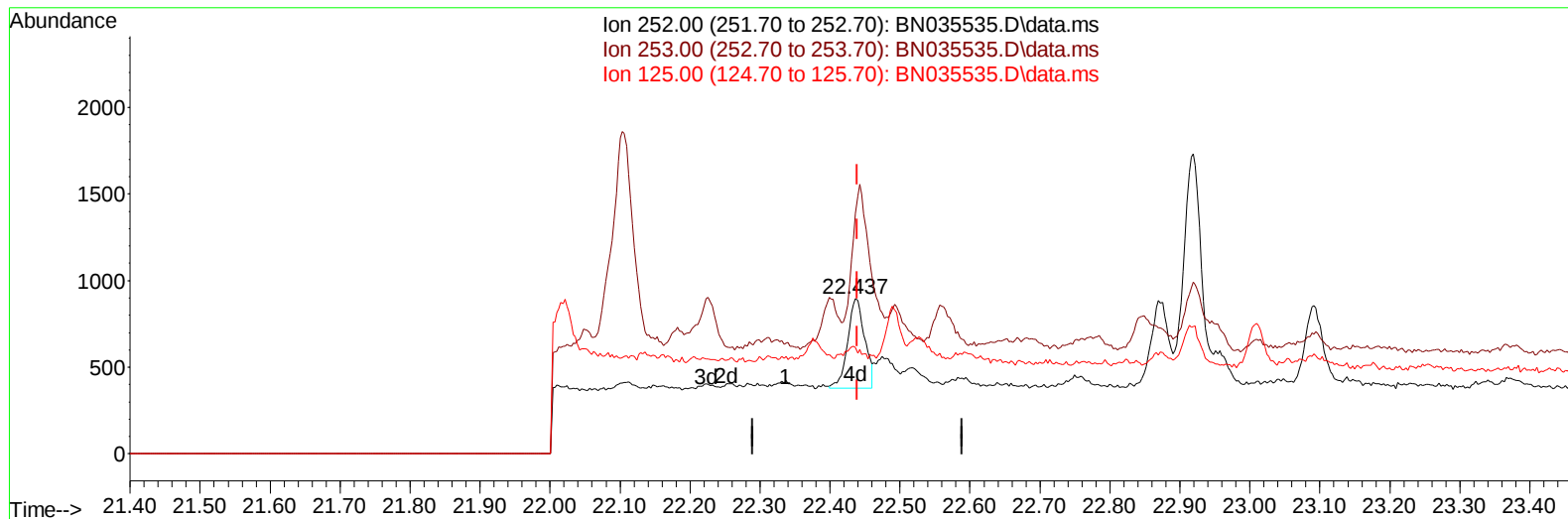
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
Data File : BN035535.D
Acq On : 10 Dec 2024 17:18
Operator : RC/JU
Sample : P5066-19
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28N7

Manual IntegrationsAPPROVED

Quant Time: Dec 10 22:04:35 2024
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Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



TIC: BN035535.D\data.ms

(24) Benzo(b)fluoranthene

22.437min (-0.003) 0.04 ng/u1 m

response 881

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	154.52#
125.00	9.70	68.45#
0.00	0.00	0.00

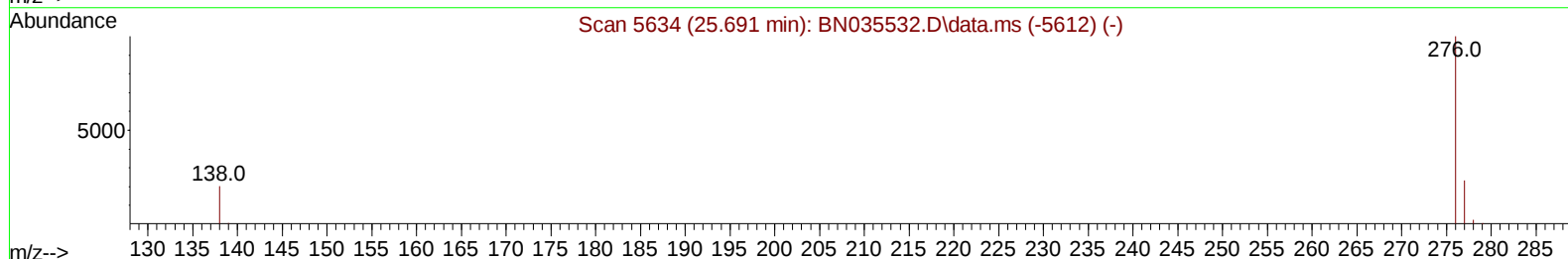
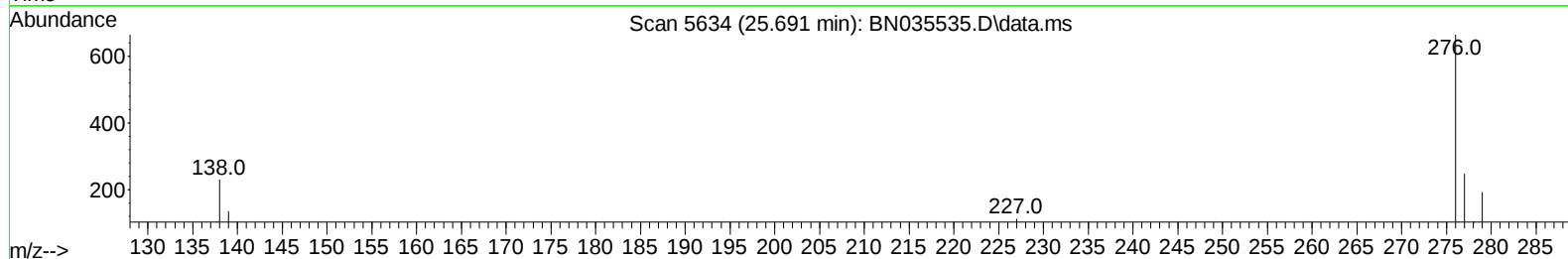
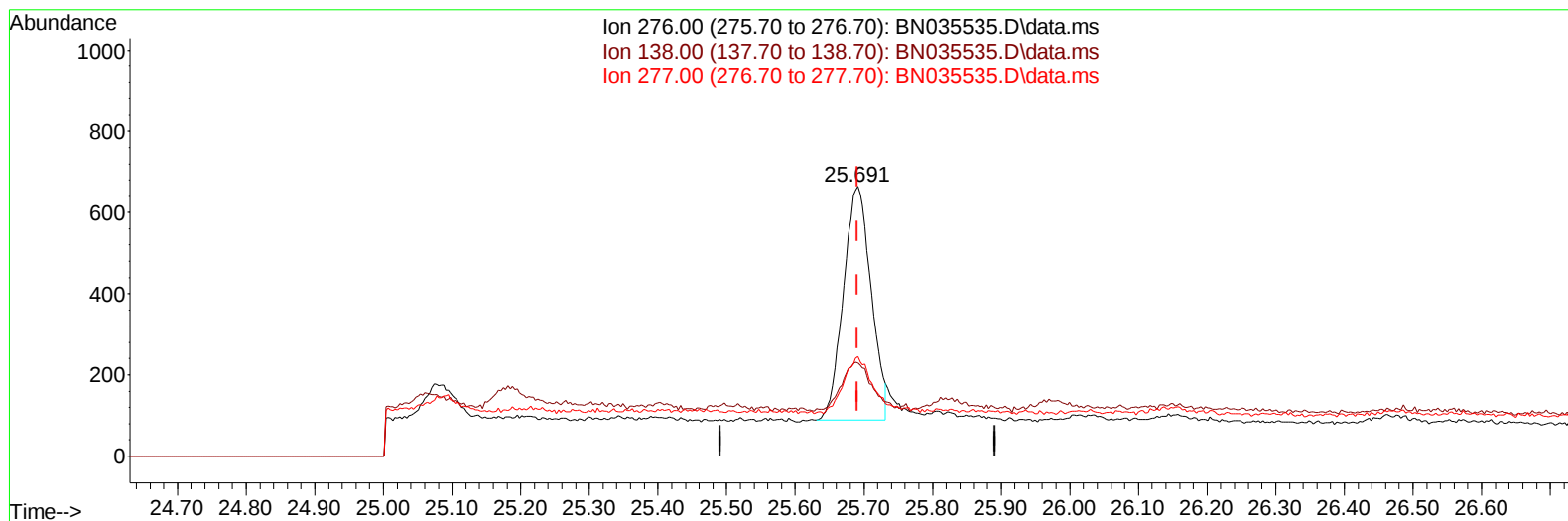
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
Data File : BN035535.D
Acq On : 10 Dec 2024 17:18
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Sample : P5066-19
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28N7

Manual IntegrationsAPPROVED

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TIC: BN035535.D\data.ms

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

25.691min (-0.000) 0.07 ng/u1

response 1610

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	16.30	34.49#
277.00	25.60	37.05#
0.00	0.00	0.00

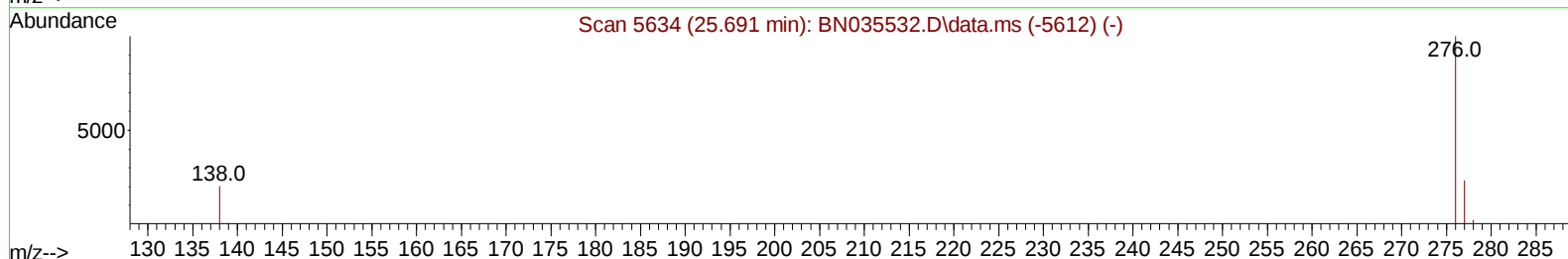
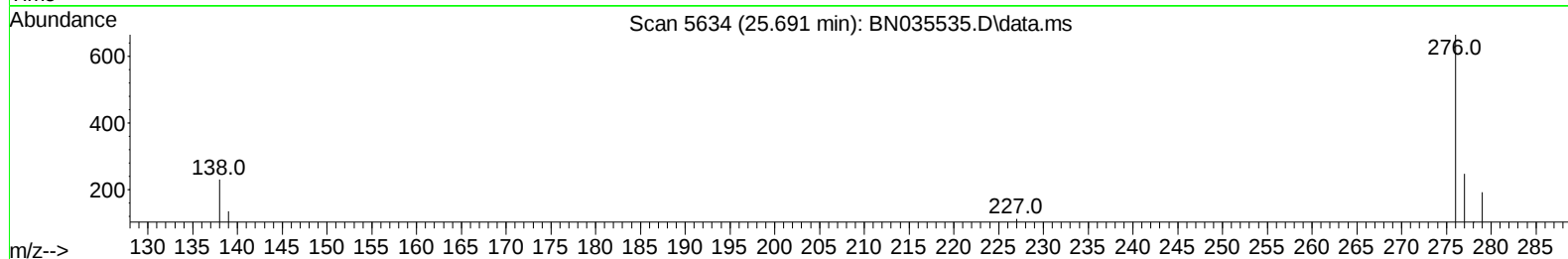
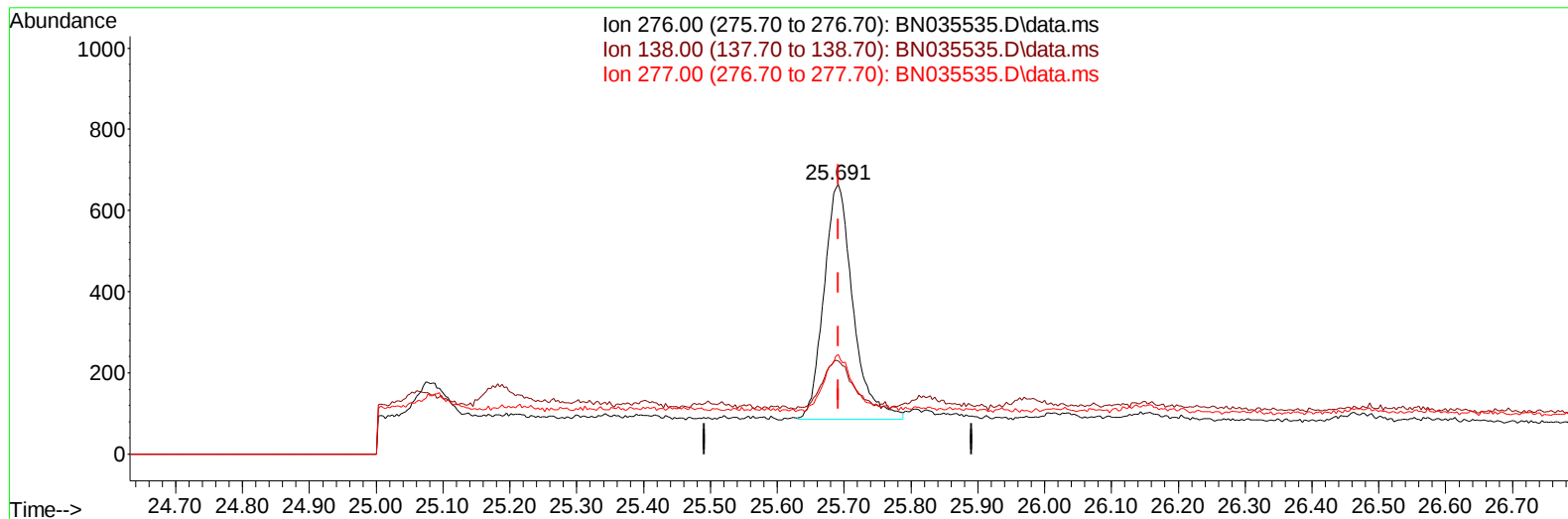
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
Data File : BN035535.D
Acq On : 10 Dec 2024 17:18
Operator : RC/JU
Sample : P5066-19
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28N7

Manual IntegrationsAPPROVED

Quant Time: Dec 10 22:04:35 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: BN035535.D\data.ms

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

25.691min (-0.000) 0.07 ng/ul m

response 1747

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	16.30	34.49#
277.00	25.60	37.05#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
 Data File : BN035535.D
 Acq On : 10 Dec 2024 17:18
 Operator : RC/JU
 Sample : P5066-19
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

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

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.293	152		3234	0.400	ng/ul	0.00
4) Naphthalene-d8	10.036	136		9066	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	13.949	164		6117	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.717	188		12384m	0.400	ng/ul	0.00
17) Chrysene-d12	20.961	240		8043	0.400	ng/ul	# 0.00
23) Perylene-d12	23.048	264		7522m	0.400	ng/ul	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	2.963	96		16342	5.529	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.637	152		4434	0.334	ng/ul	0.00
18) Fluoranthene-d10	18.767	212		9133	0.412	ng/ul	0.00
Target Compounds							
						Qvalue	
5) Naphthalene	10.086	128		804m	0.035	ng/ul	
7) 2-Methylnaphthalene	11.714	142		1766	0.111	ng/ul	92
8) 1-Methylnaphthalene	11.939	142		1569	0.098	ng/ul	95
12) Fluorene	15.017	166		504	0.023	ng/ul#	76
15) Phenanthrene	16.755	178		3910	0.119	ng/ul#	88
19) Fluoranthene	18.800	202		831	0.030	ng/ul#	50
20) Pyrene	19.167	202		1668	0.057	ng/ul#	70
22) Chrysene	20.996	228		2519m	0.090	ng/ul	
24) Benzo(b)fluoranthene	22.437	252		881m	0.035	ng/ul	
29) Benzo(g,h,i)perylene	25.691	276		1747m	0.072	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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Manual IntegrationsAPPROVED

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