

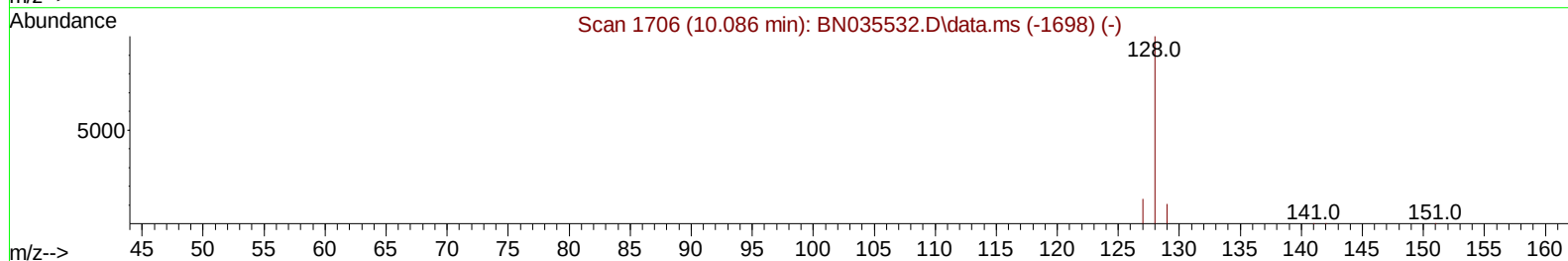
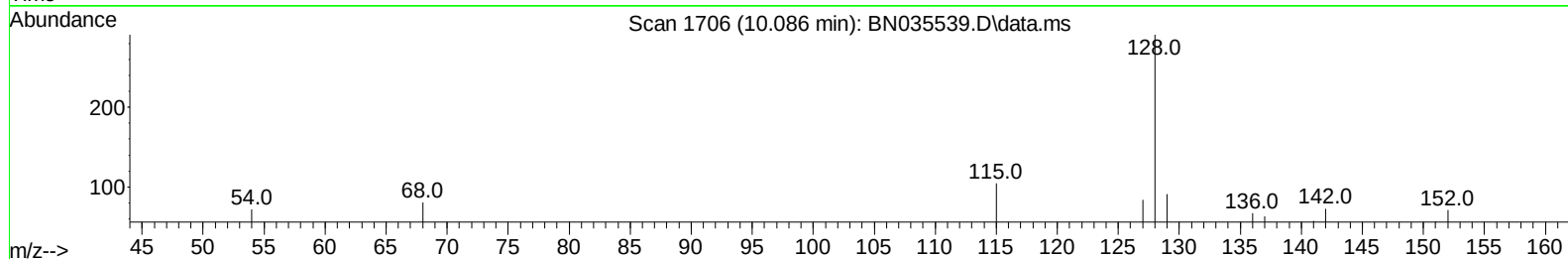
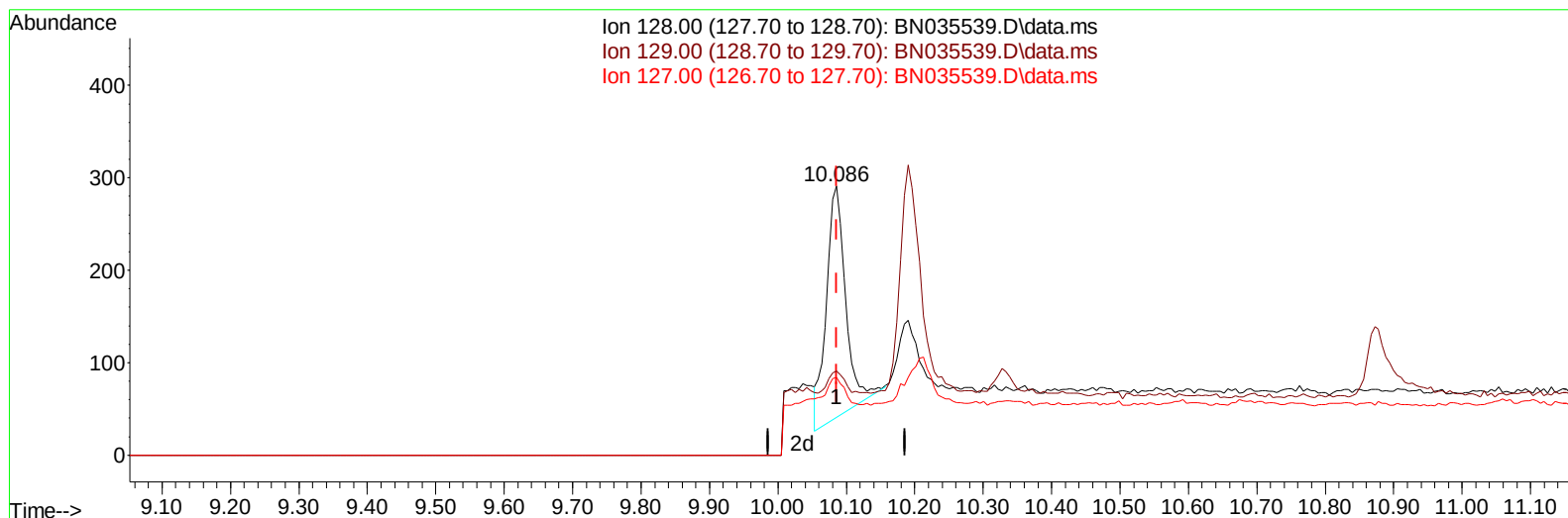
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
Data File : BN035539.D
Acq On : 10 Dec 2024 19:42
Operator : RC/JU
Sample : P5066-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28M6

Manual IntegrationsAPPROVED

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

Quant Time: Dec 10 22:05:05 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: BN035539.D\data.ms

(5) Naphthalene

10.086min (+ 0.000) 0.02 ng/ul

response 492

Ion	Exp%	Act%
128.00	100.00	100.00
129.00	12.40	31.27#
127.00	14.30	28.87#
0.00	0.00	0.00

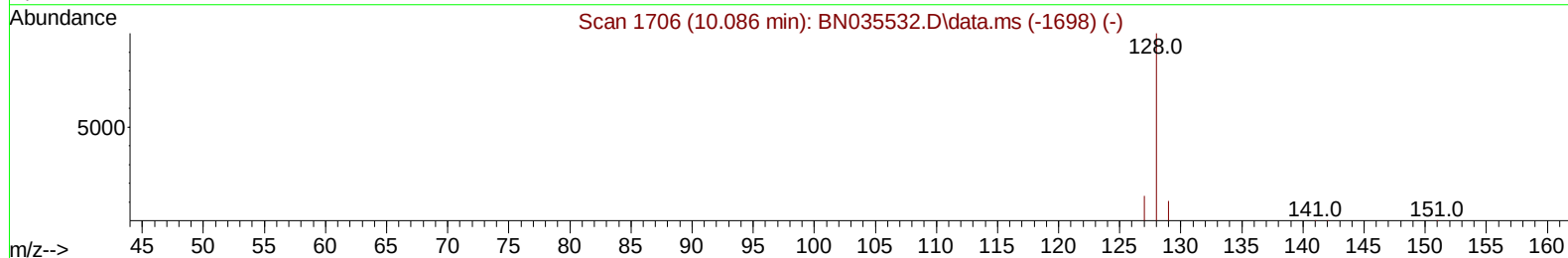
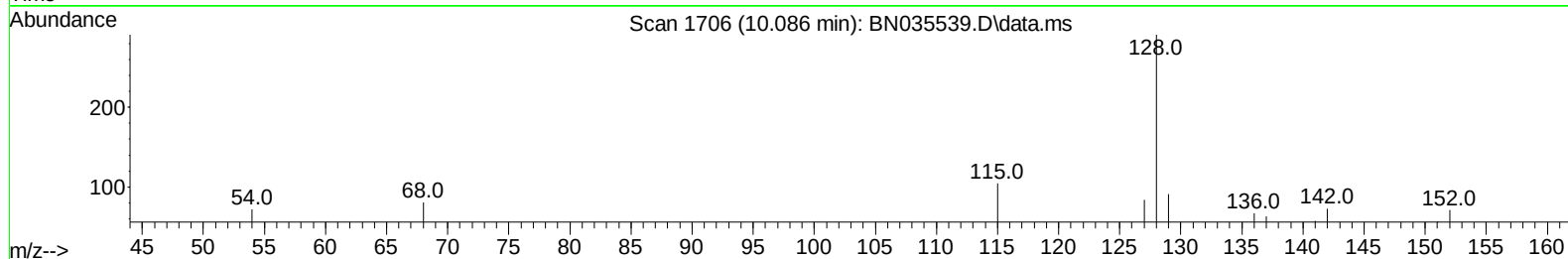
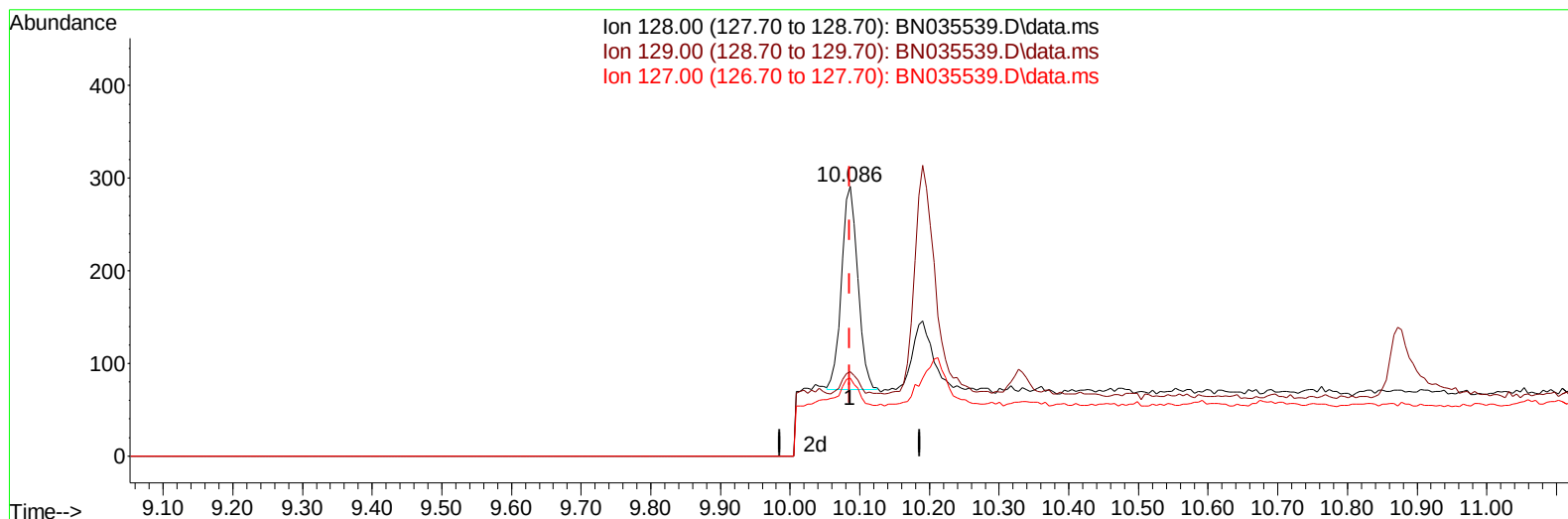
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TIC: BN035539.D\data.ms

(5) Naphthalene

10.086min (+ 0.000) 0.02 ng/ul m

response 354

Ion	Exp%	Act%
128.00	100.00	100.00
129.00	12.40	31.27#
127.00	14.30	28.87#
0.00	0.00	0.00

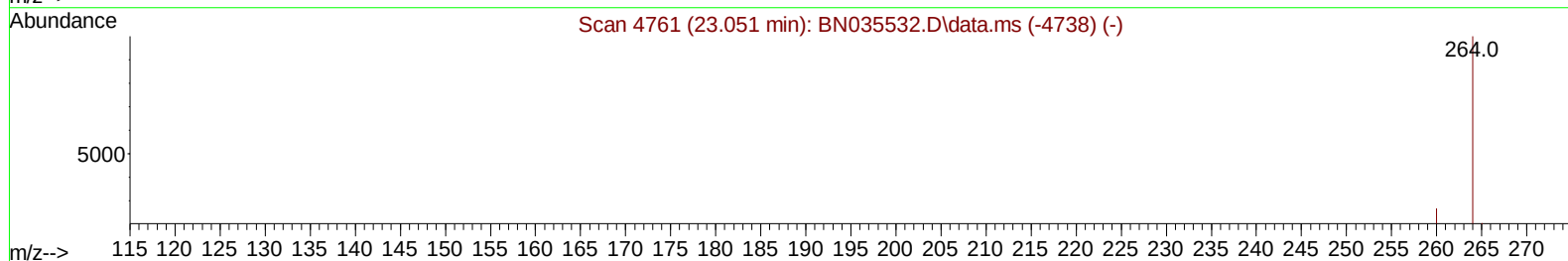
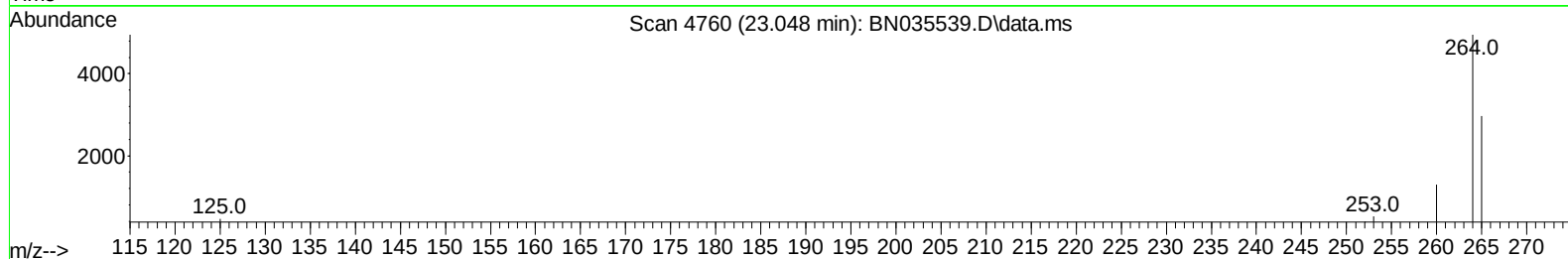
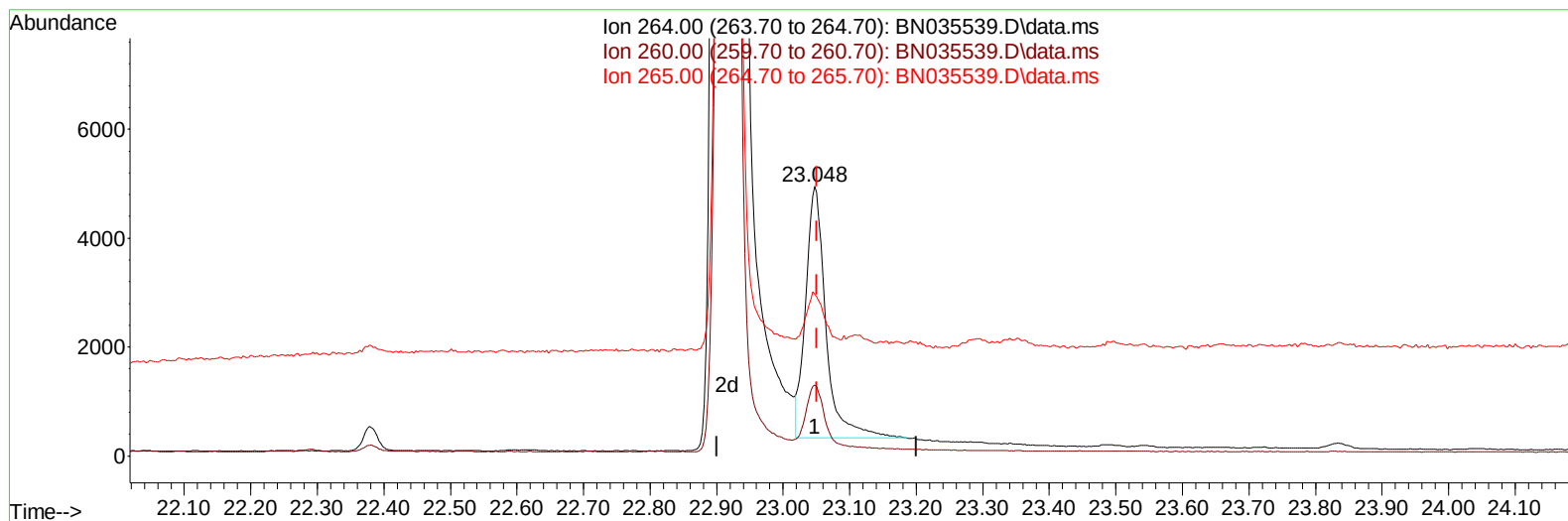
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
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TIC: BN035539.D\data.ms

(23) Perylene-d12 (I)

23.048min (-0.003) 0.40 ng/u1

response 9773

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.20	26.39
265.00	75.50	60.09#
0.00	0.00	0.00

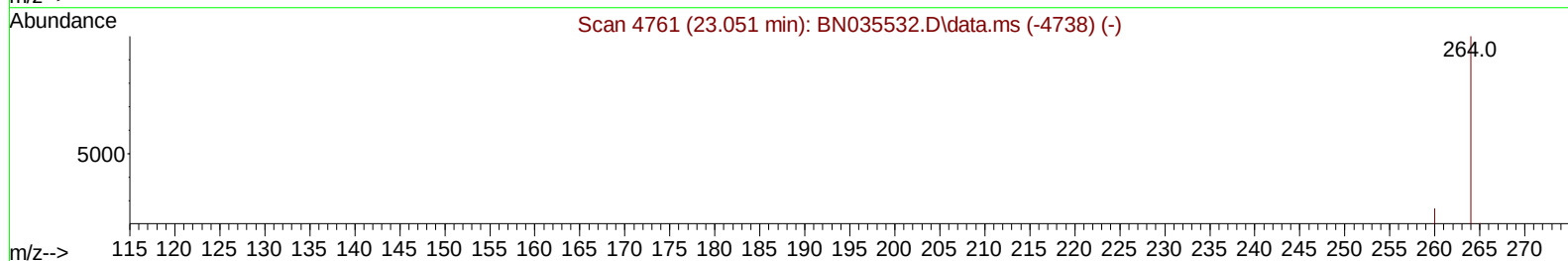
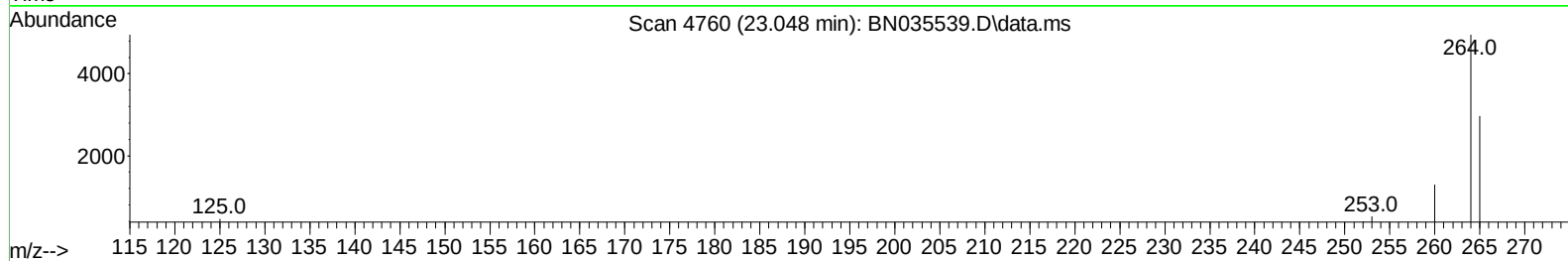
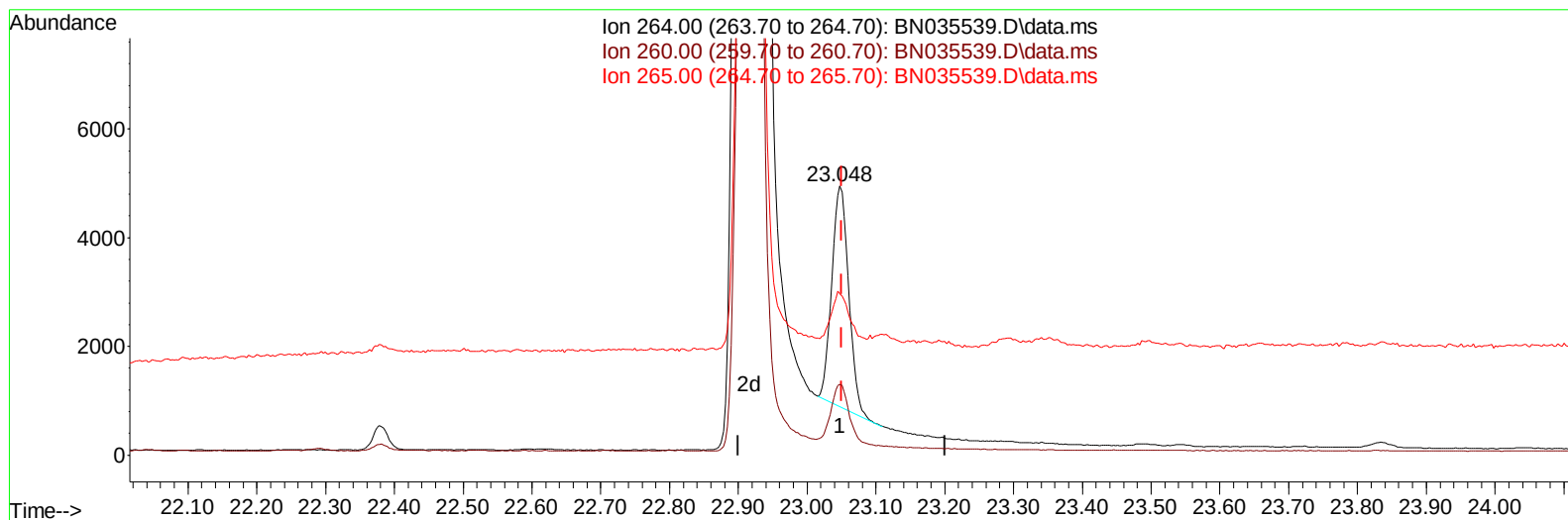
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
Data File : BN035539.D
Acq On : 10 Dec 2024 19:42
Operator : RC/JU
Sample : P5066-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 12/12/2024
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TIC: BN035539.D\data.ms

(23) Perylene-d12 (I)

23.048min (-0.003) 0.40 ng/ul m

response 6935

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.20	26.39
265.00	75.50	60.09#
0.00	0.00	0.00

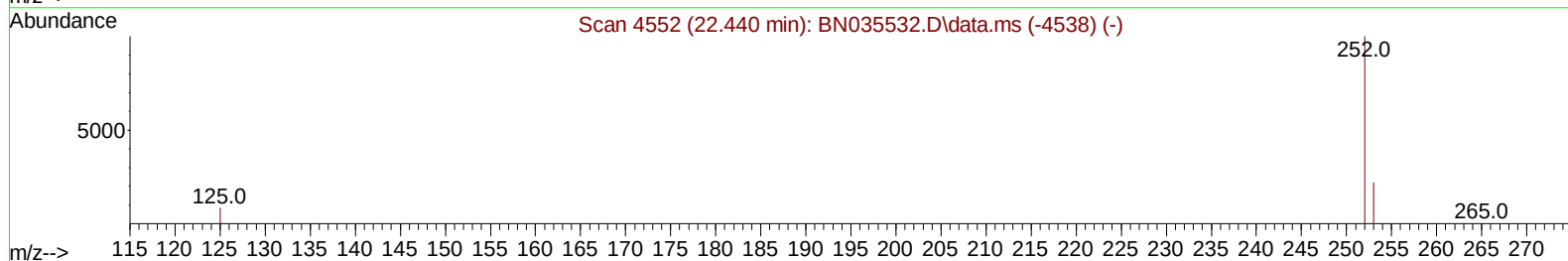
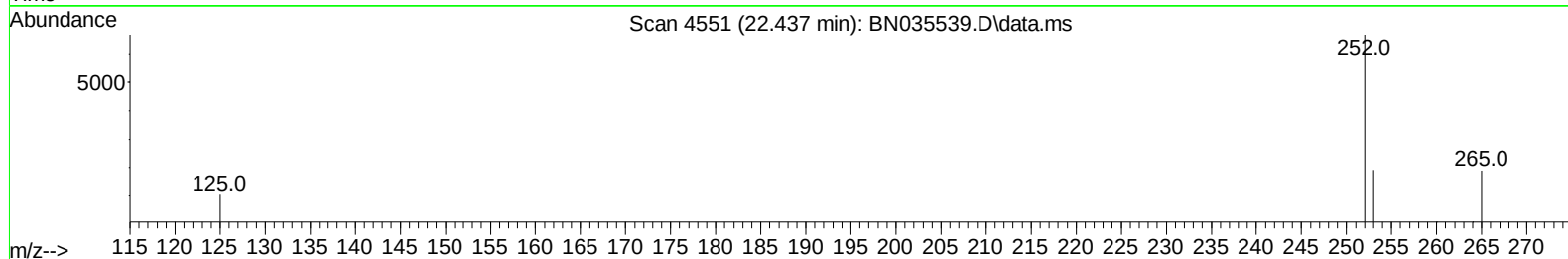
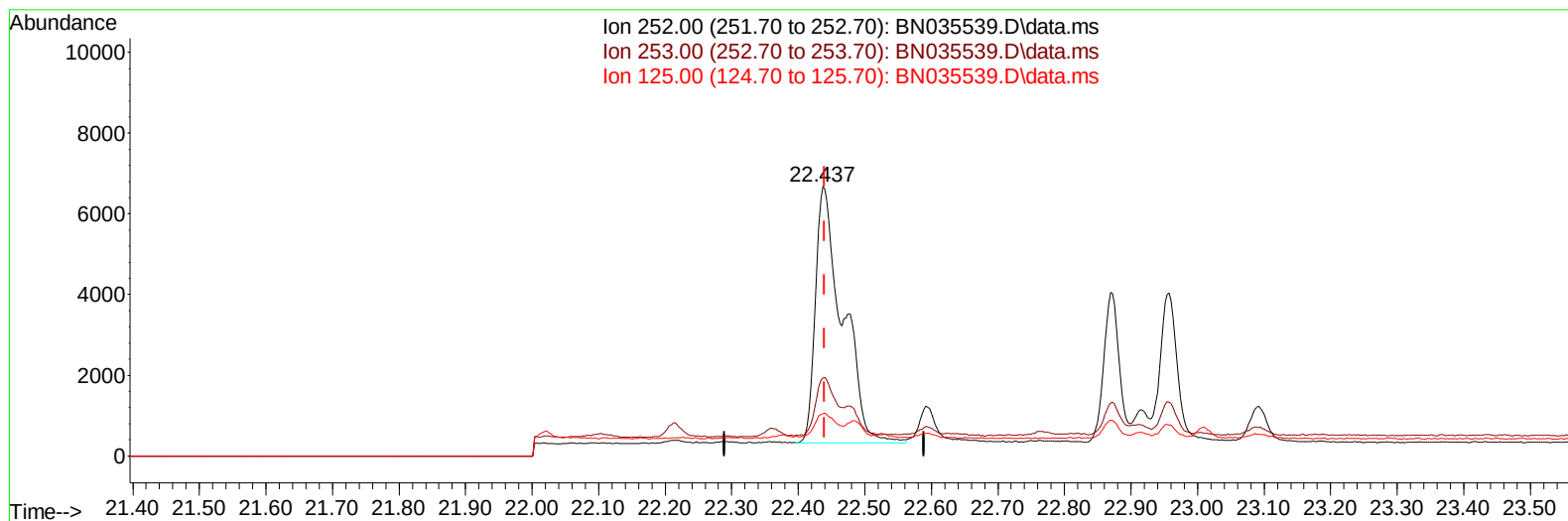
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
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Misc :
ALS Vial : 9 Sample Multiplier: 1

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TIC: BN035539.D\data.ms

(24) Benzo(b)fluoranthene

22.437min (-0.003) 0.78 ng/u1

response 17810

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	28.92
125.00	9.70	15.63
0.00	0.00	0.00

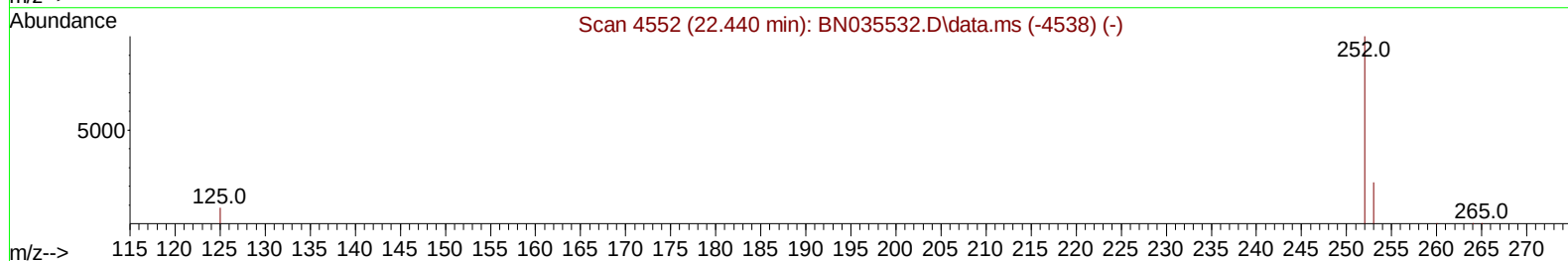
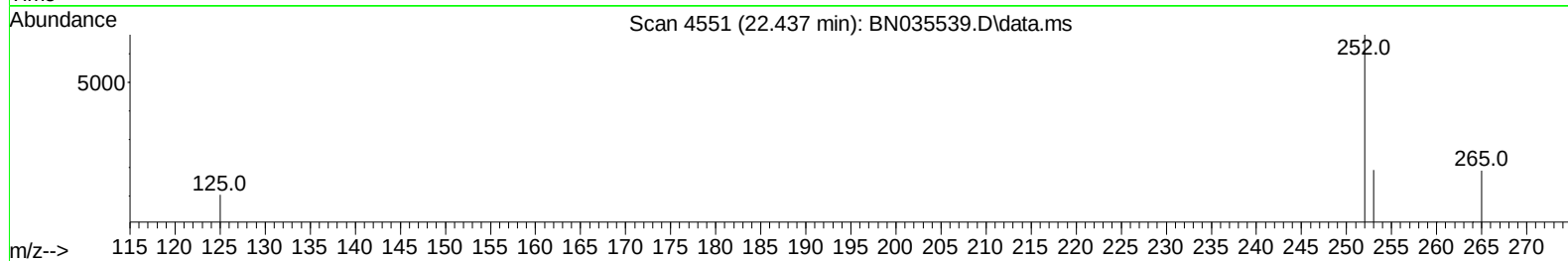
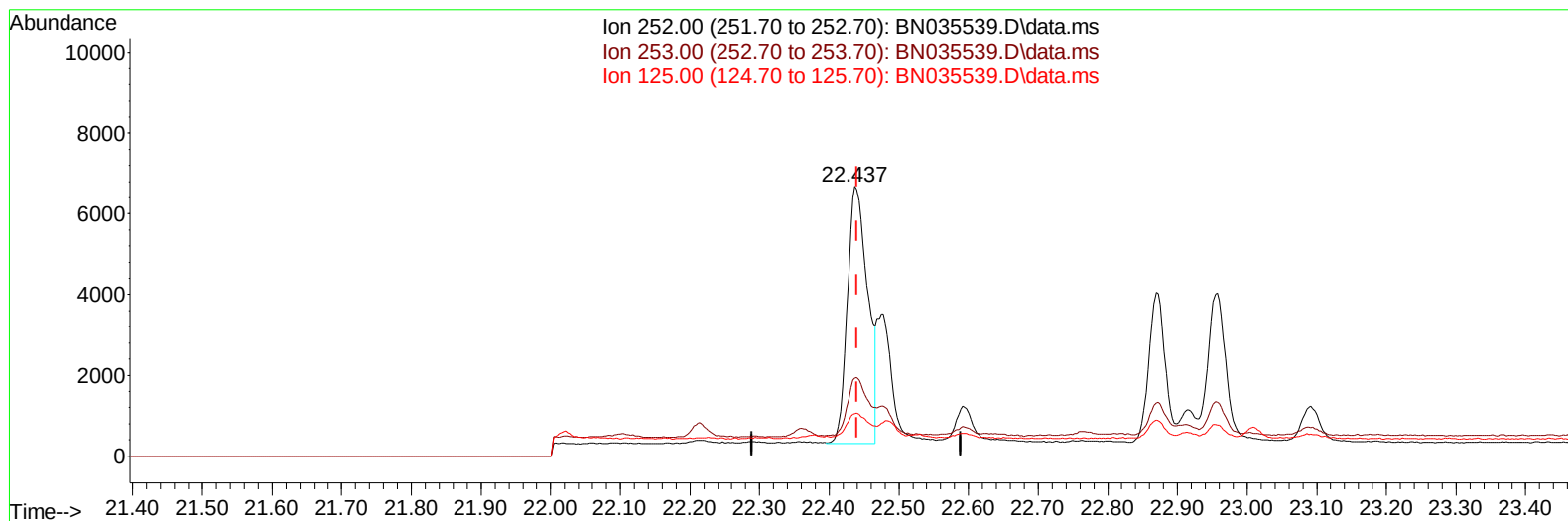
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
Data File : BN035539.D
Acq On : 10 Dec 2024 19:42
Operator : RC/JU
Sample : P5066-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28M6

Manual IntegrationsAPPROVED

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

Quant Time: Dec 10 22:05:05 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: BN035539.D\data.ms

(24) Benzo(b)fluoranthene

22.437min (-0.003) 0.57 ng/u1 m

response 12991

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	28.92
125.00	9.70	15.63
0.00	0.00	0.00

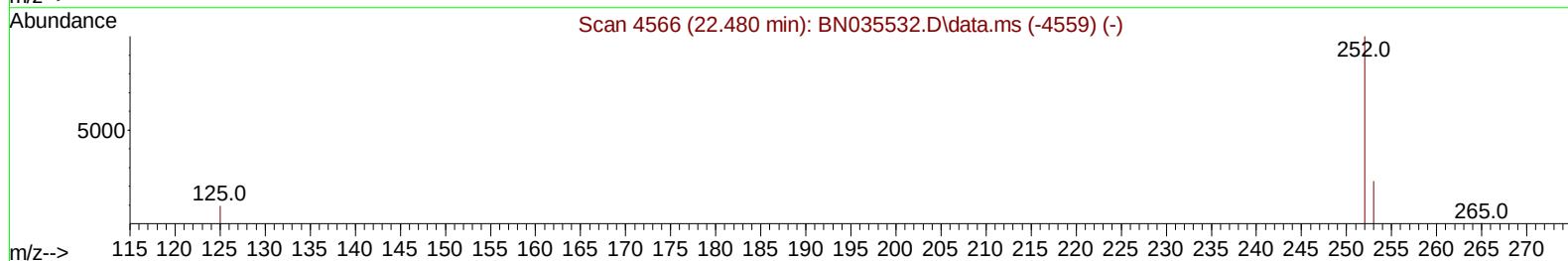
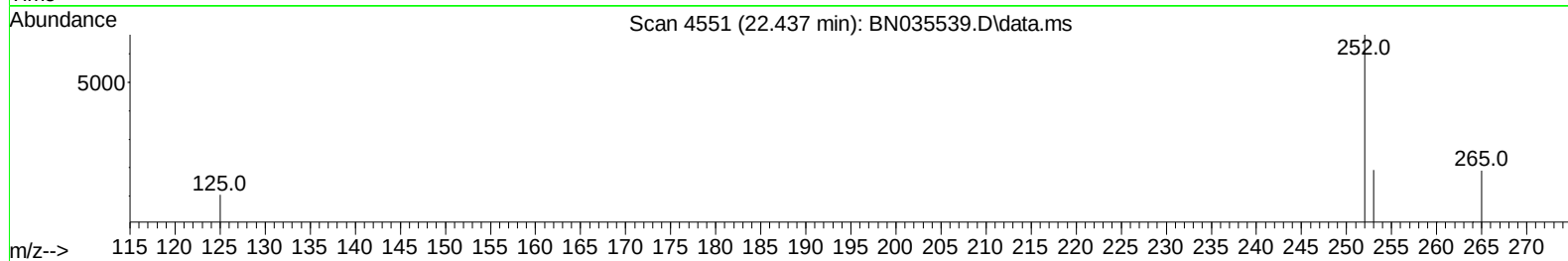
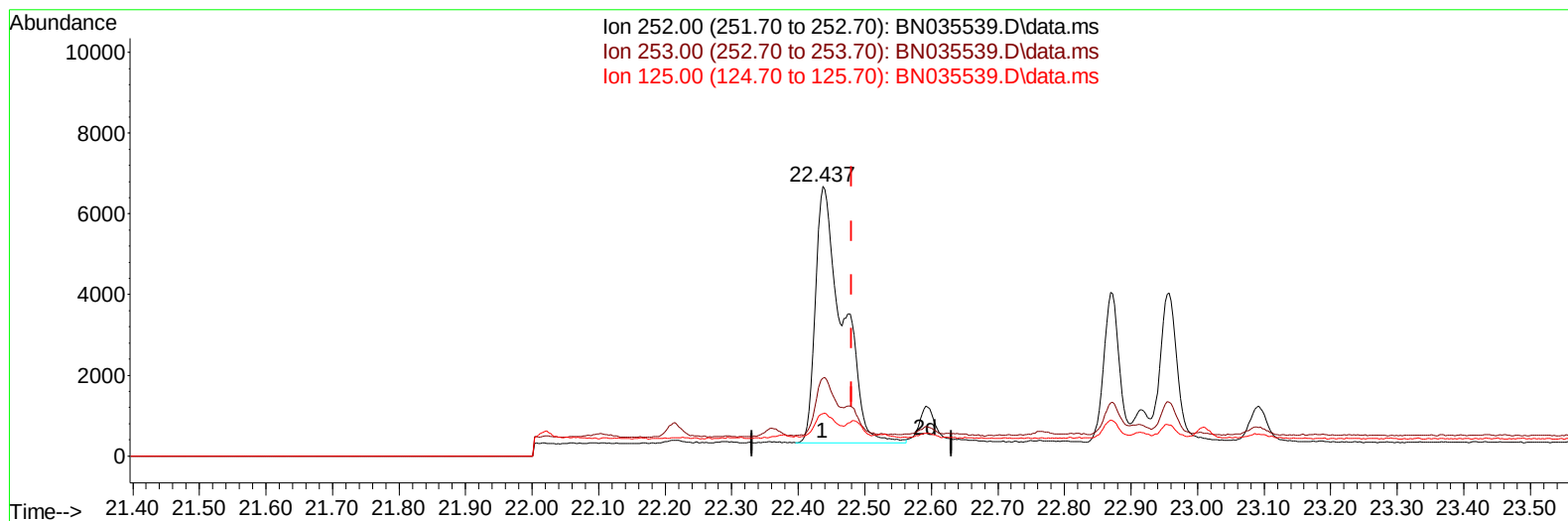
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
Data File : BN035539.D
Acq On : 10 Dec 2024 19:42
Operator : RC/JU
Sample : P5066-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28M6

Manual IntegrationsAPPROVED

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



TIC: BN035539.D\data.ms

(25) Benzo(k)fluoranthene

22.437min (-0.044) 0.75 ng/u1

response 17810

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.20	28.92
125.00	10.70	15.63#
0.00	0.00	0.00

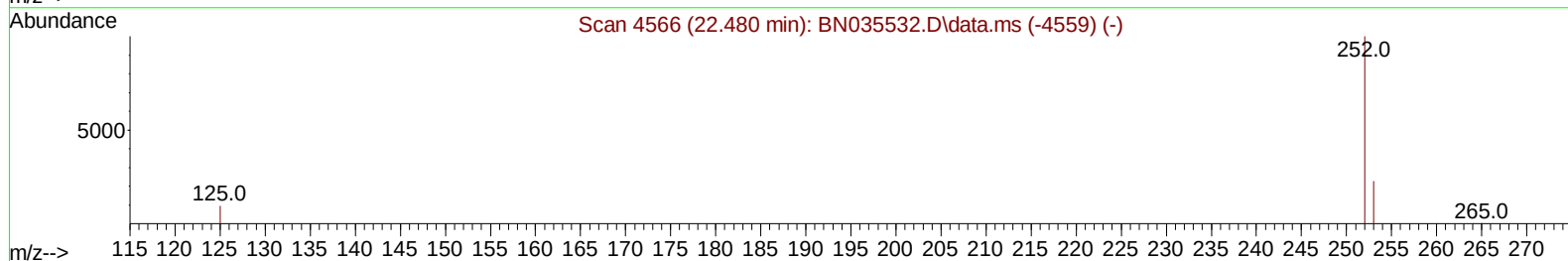
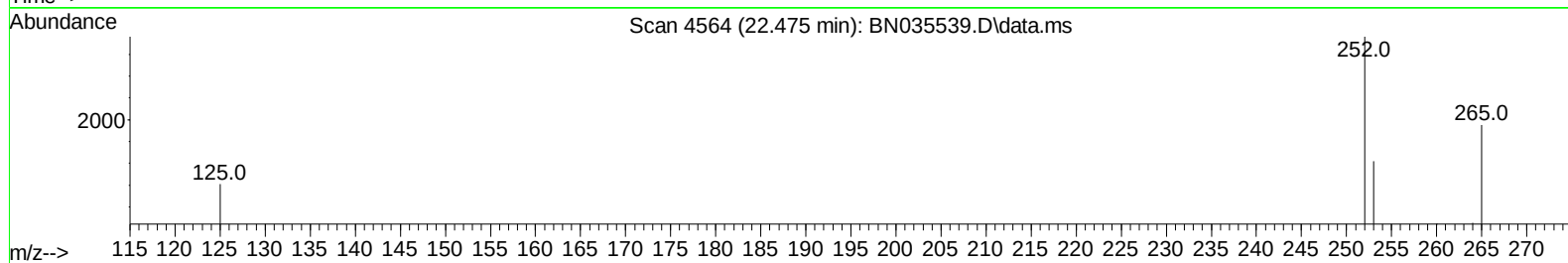
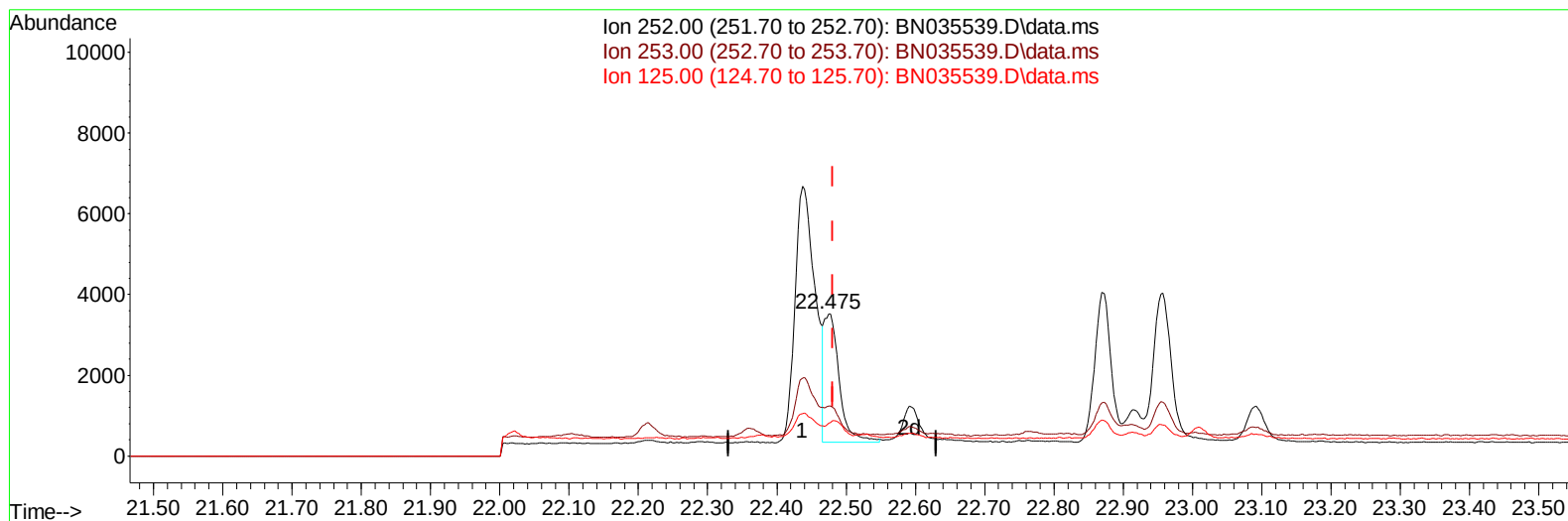
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
Data File : BN035539.D
Acq On : 10 Dec 2024 19:42
Operator : RC/JU
Sample : P5066-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28M6

Manual IntegrationsAPPROVED

Quant Time: Dec 10 22:05:05 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: BN035539.D\data.ms

(25) Benzo(k)fluoranthene

22.475min (-0.006) 0.20 ng/ul m

response 4784

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.20	35.06#
125.00	10.70	23.13#
0.00	0.00	0.00

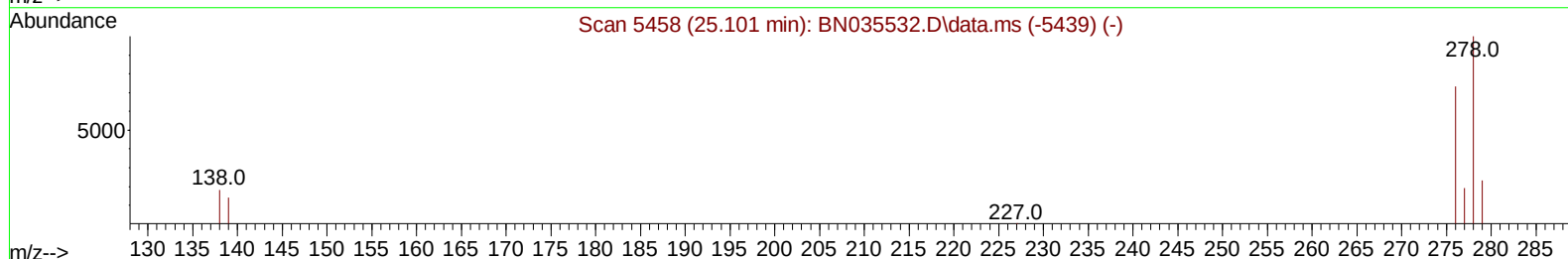
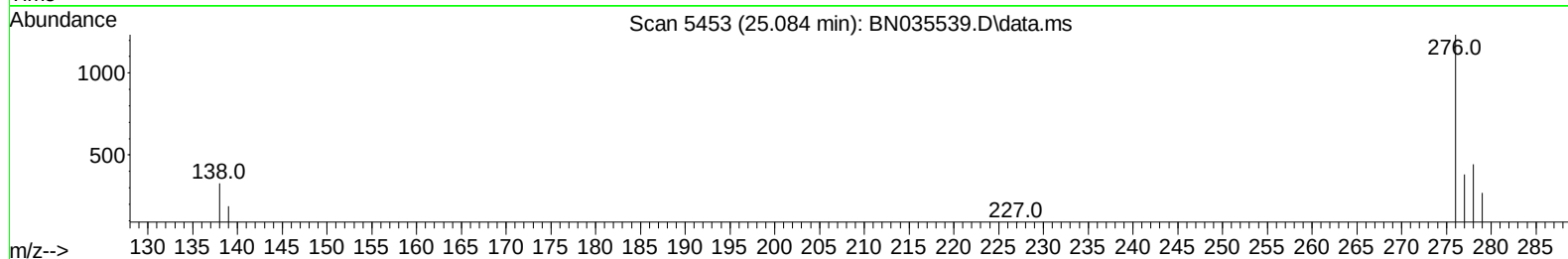
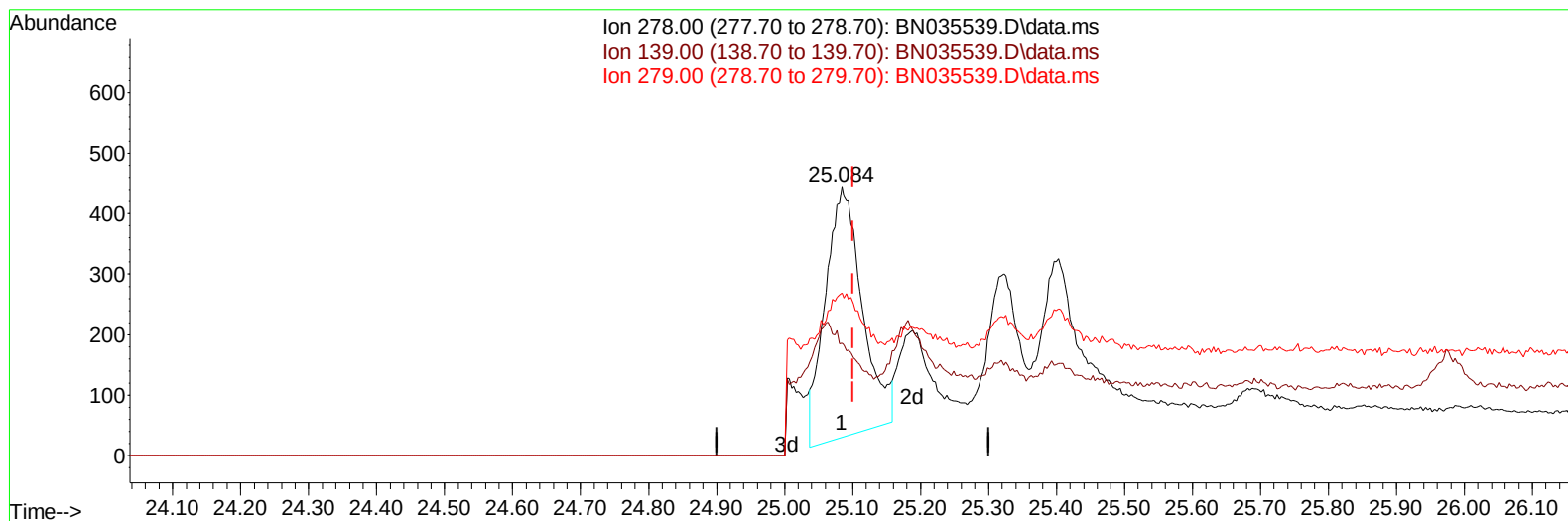
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TIC: BN035539.D\data.ms

(28) Dibenzo(a,h)anthracene

25.084min (-0.017) 0.07 ng/u1

response 1555

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.40	41.80#
279.00	28.50	60.45#
0.00	0.00	0.00

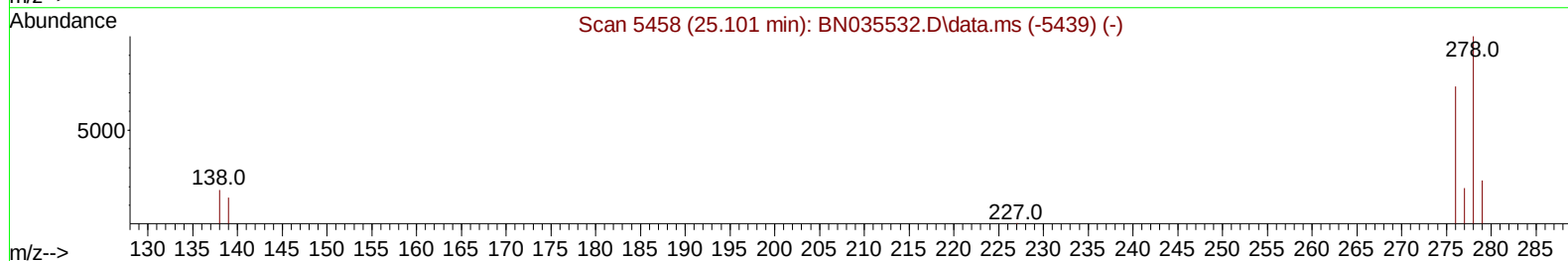
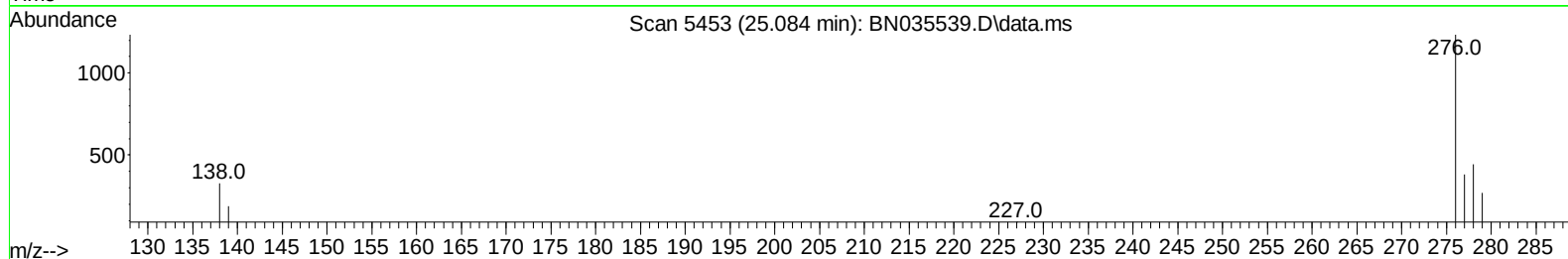
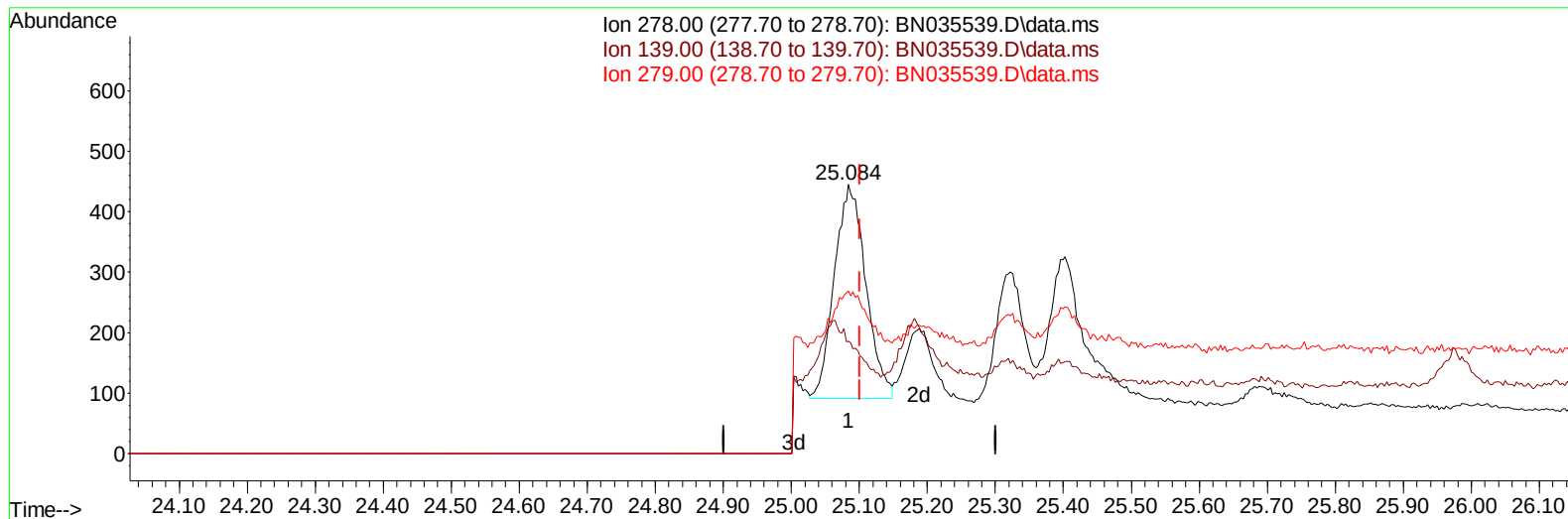
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Operator : RC/JU
Sample : P5066-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BN035539.D\data.ms

(28) Dibenzo(a,h)anthracene

25.084min (-0.017) 0.05 ng/ul m

response 1132

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	13.40	41.80#
279.00	28.50	60.45#
0.00	0.00	0.00

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 ALS Vial : 9 Sample Multiplier: 1

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

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.293	152		3170	0.400	ng/ul	0.00
4) Naphthalene-d8	10.036	136		9191	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.949	164		6096	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.717	188		12458	0.400	ng/ul	# 0.00
17) Chrysene-d12	20.958	240		8104	0.400	ng/ul	# 0.00
23) Perylene-d12	23.048	264		6935m	0.400	ng/ul	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	2.963	96		10309	3.558	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.637	152		2566	0.191	ng/ul	0.00
18) Fluoranthene-d10	18.767	212		5209	0.233	ng/ul	0.00
Target Compounds							
						Qvalue	
10) Acenaphthylene	13.662	152		784	0.032	ng/ul#	78
15) Phenanthrene	16.759	178		2164	0.066	ng/ul#	92
16) Anthracene	16.848	178		2379	0.078	ng/ul#	92
19) Fluoranthene	18.800	202		14642	0.519	ng/ul#	96
20) Pyrene	19.167	202		14637	0.498	ng/ul#	93
21) Benzo(a)anthracene	20.944	228		9166	0.326	ng/ul	96
22) Chrysene	20.996	228		10958	0.387	ng/ul	97
24) Benzo(b)fluoranthene	22.437	252		12991m	0.567	ng/ul	
25) Benzo(k)fluoranthene	22.475	252		4784m	0.202	ng/ul	
26) Benzo(a)pyrene	22.957	252		6559	0.313	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	25.074	276		4378	0.155	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.084	278		1132m	0.051	ng/ul	
29) Benzo(g,h,i)perylene	25.688	276		3654	0.164	ng/ul#	86

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

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