

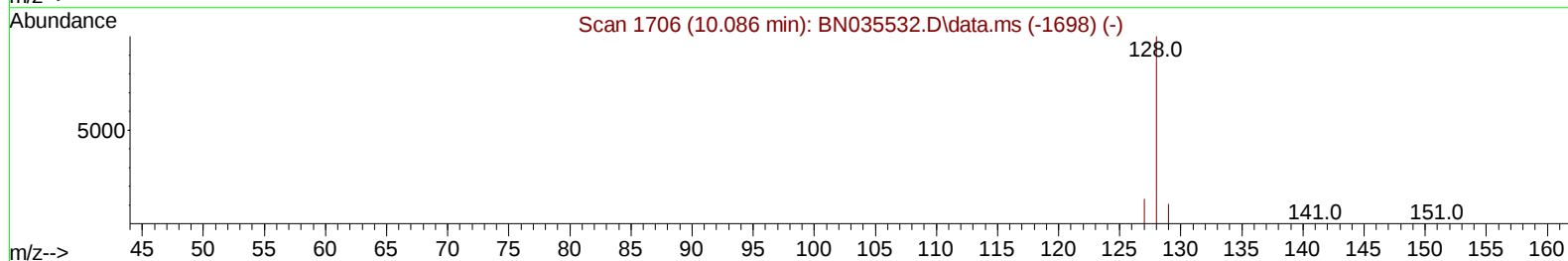
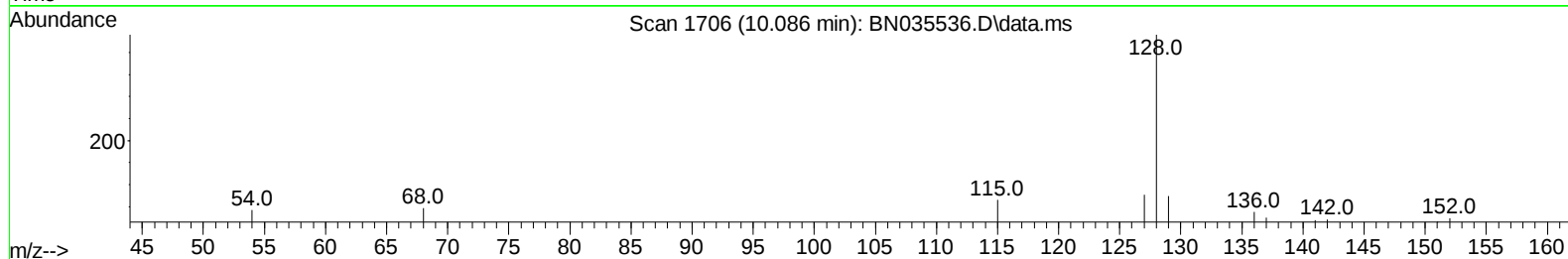
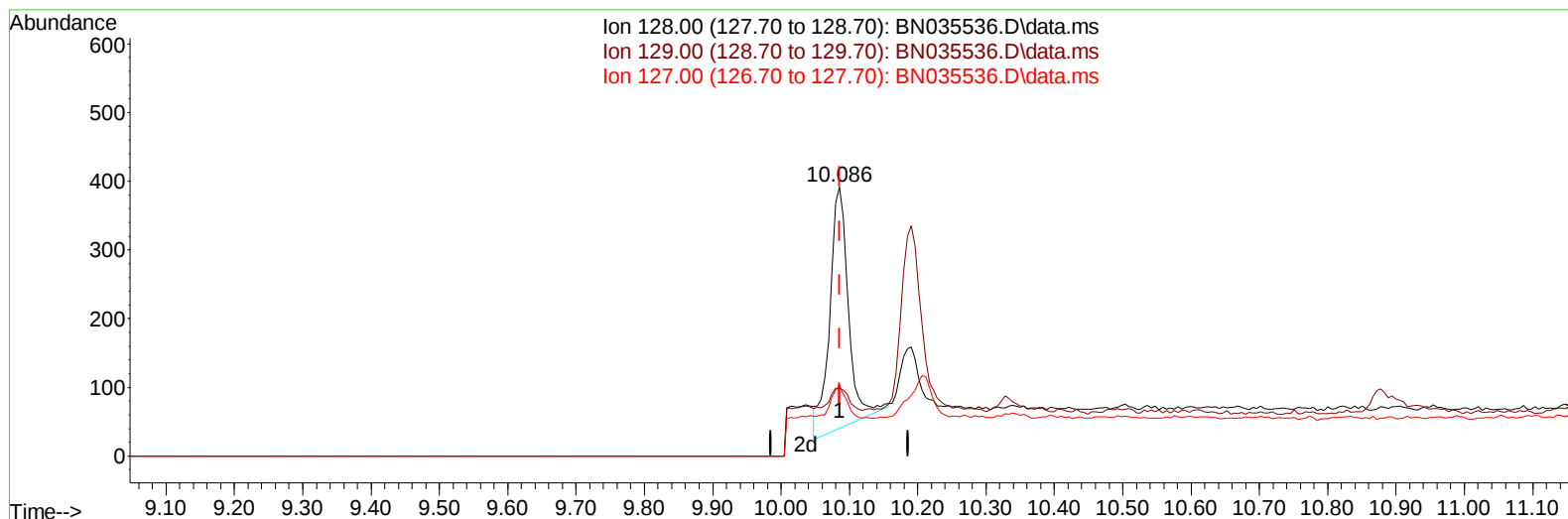
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
Data File : BN035536.D
Acq On : 10 Dec 2024 17:54
Operator : RC/JU
Sample : P5066-16
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28N4

Manual IntegrationsAPPROVED

Quant Time: Dec 10 22:04:46 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: BN035536.D\data.ms

(5) Naphthalene

10.086min (-0.000) 0.03 ng/u1

response 671

Ion	Exp%	Act%
128.00	100.00	100.00
129.00	12.40	25.26#
127.00	14.30	26.02#
0.00	0.00	0.00

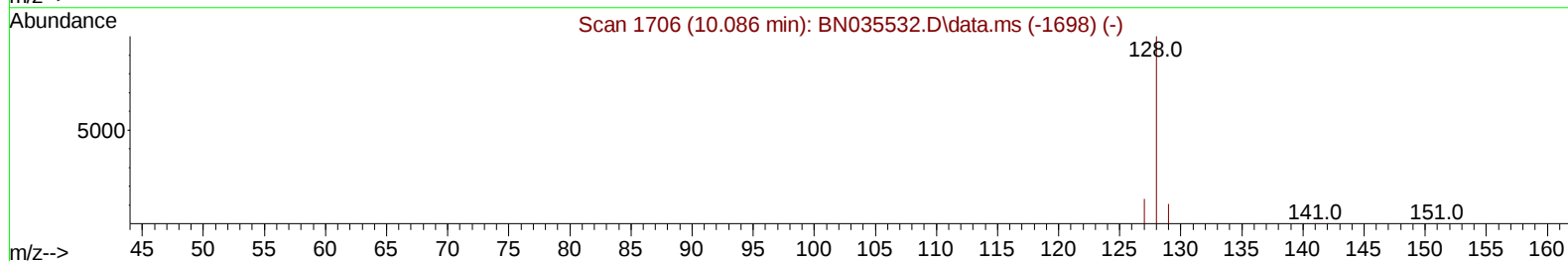
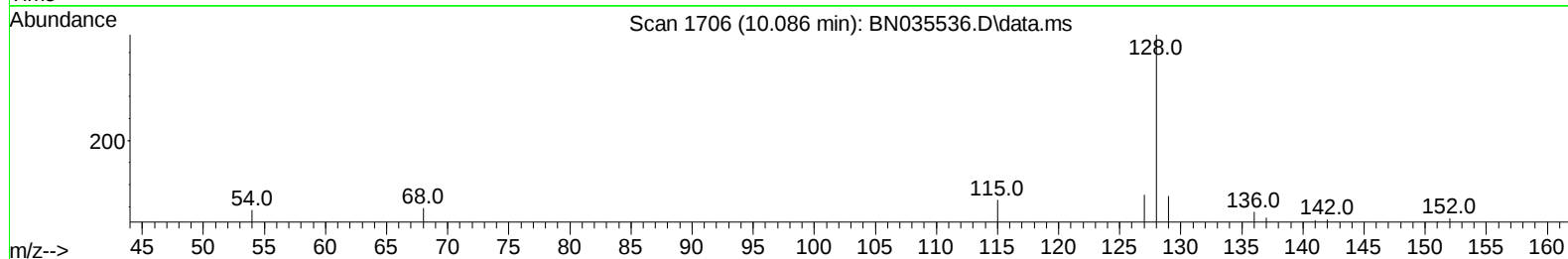
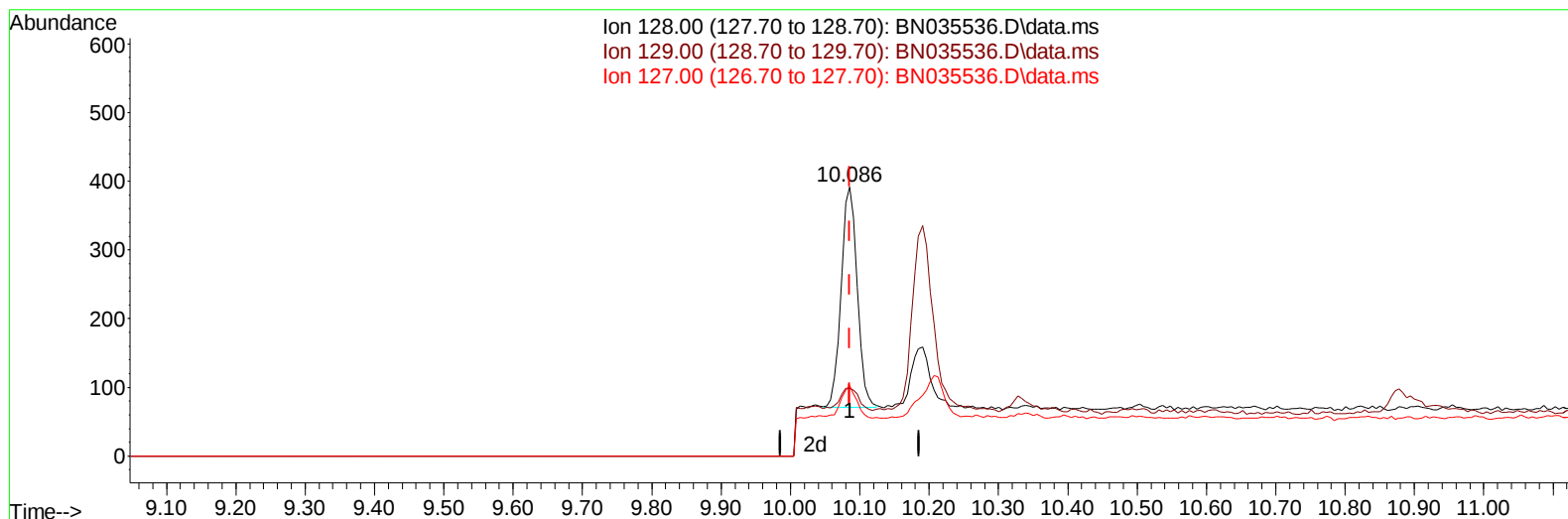
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
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Instrument :
BNA_N
ClientSampleId :
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TIC: BN035536.D\data.ms

(5) Naphthalene

10.086min (-0.000) 0.03 ng/ul m

response 515

Ion	Exp%	Act%
128.00	100.00	100.00
129.00	12.40	25.26#
127.00	14.30	26.02#
0.00	0.00	0.00

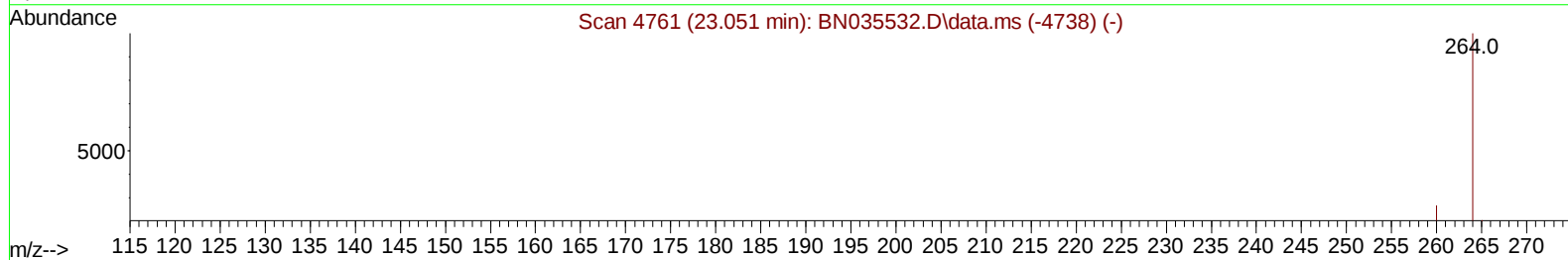
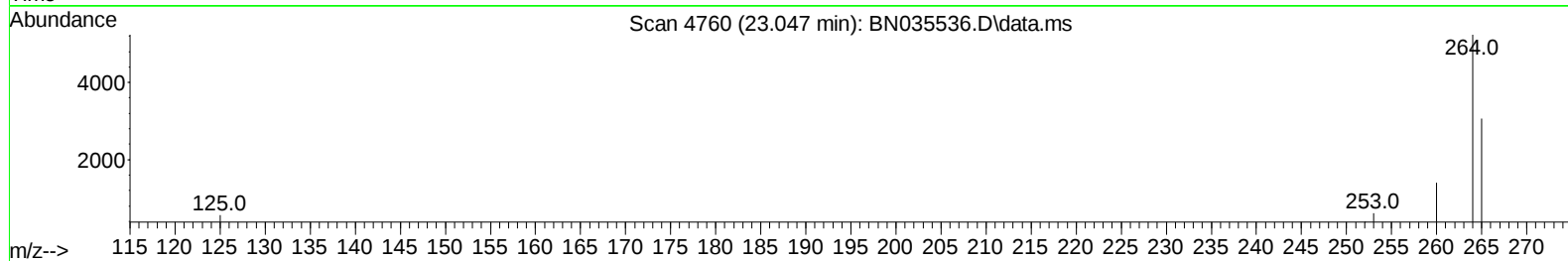
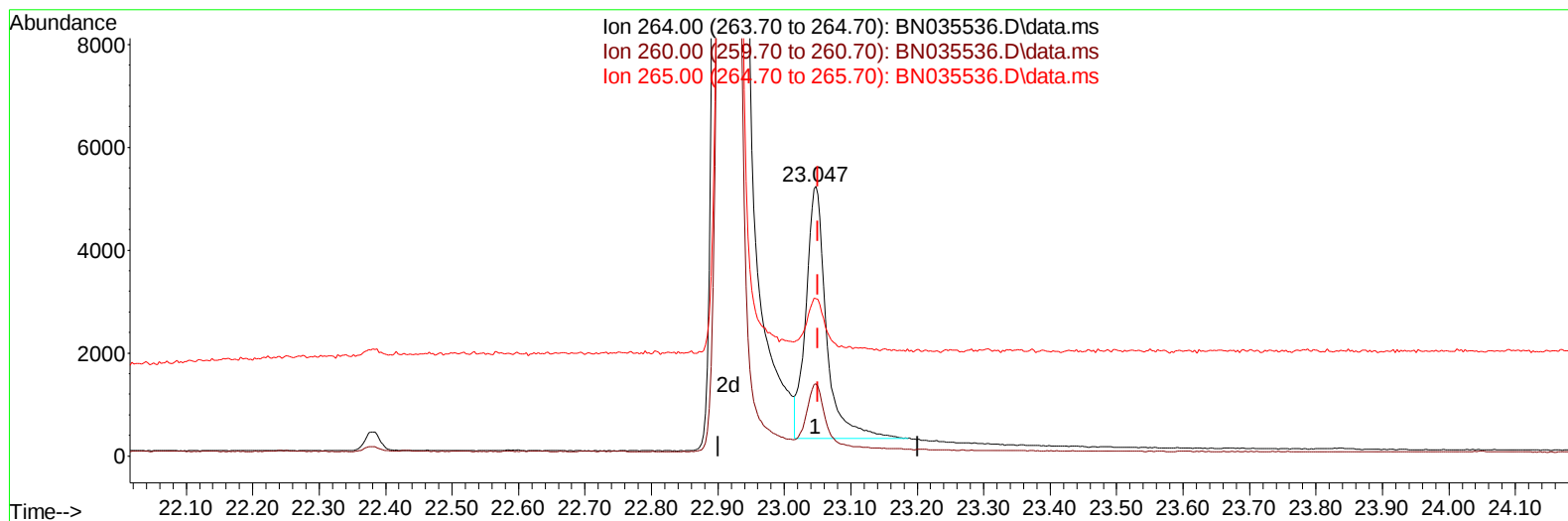
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TIC: BN035536.D\data.ms

(23) Perylene-d12 (I)

23.047min (-0.003) 0.40 ng/u1

response 10576

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.20	26.79
265.00	75.50	58.41#
0.00	0.00	0.00

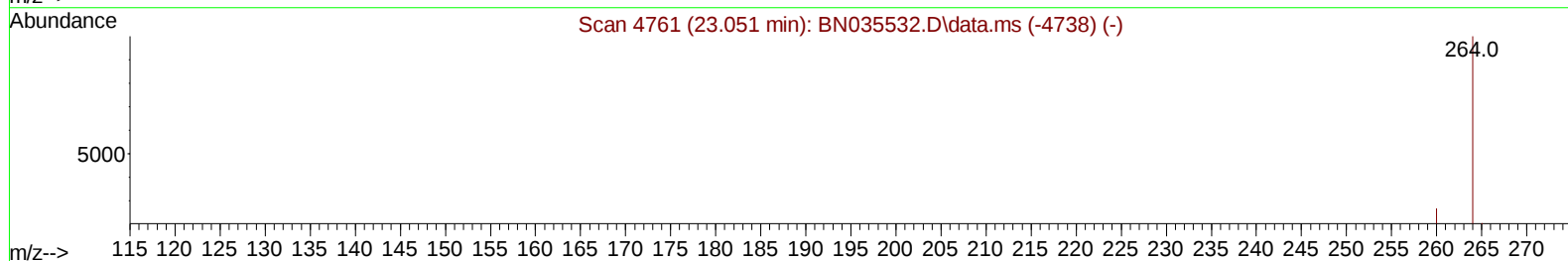
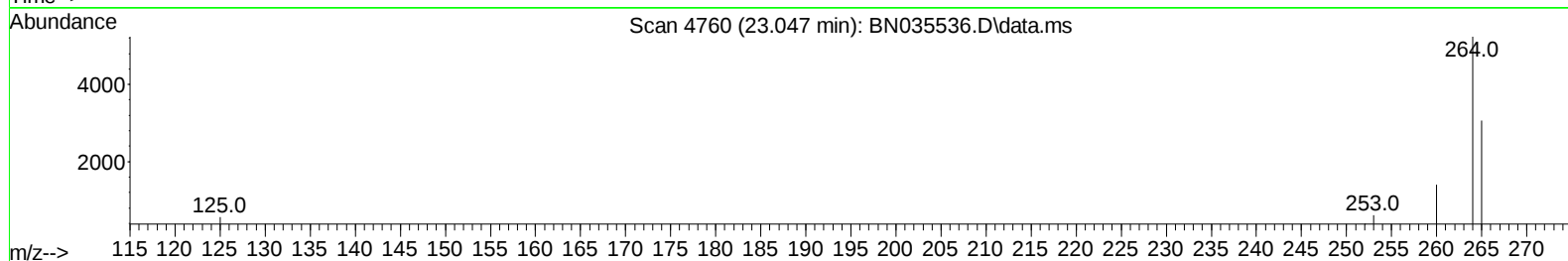
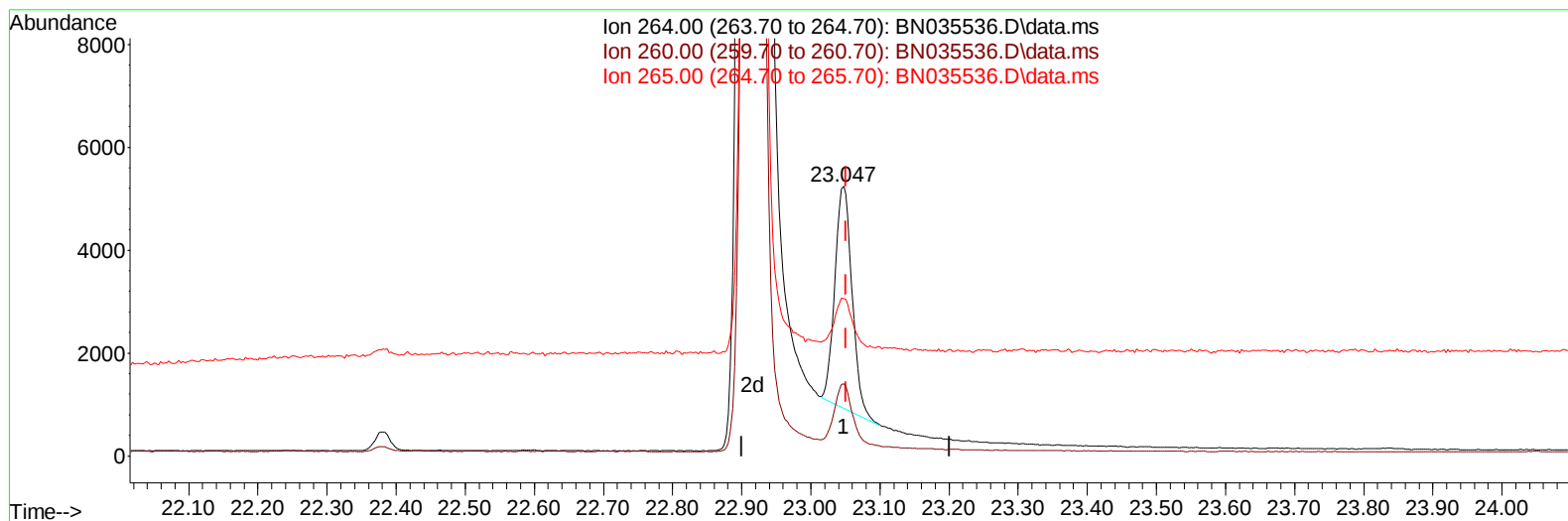
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
Data File : BN035536.D
Acq On : 10 Dec 2024 17:54
Operator : RC/JU
Sample : P5066-16
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28N4

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TIC: BN035536.D\data.ms

(23) Perylene-d12 (I)

23.047min (-0.003) 0.40 ng/u1 m

response 7462

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.20	26.79
265.00	75.50	58.41#
0.00	0.00	0.00

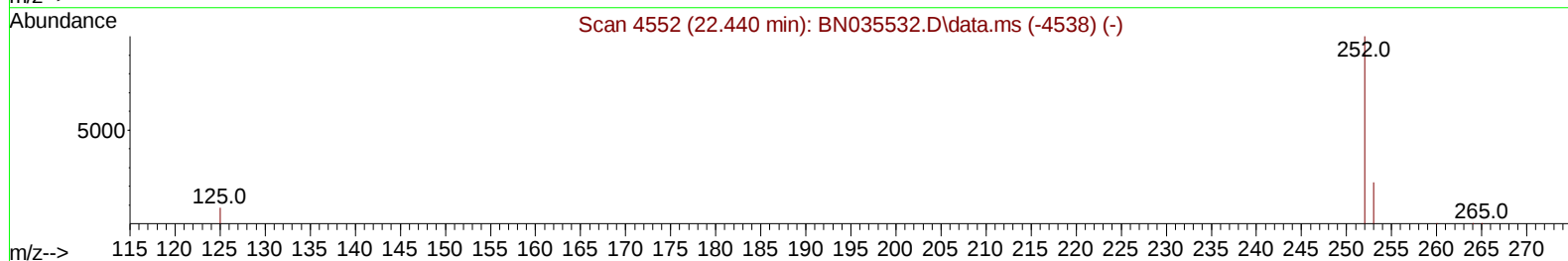
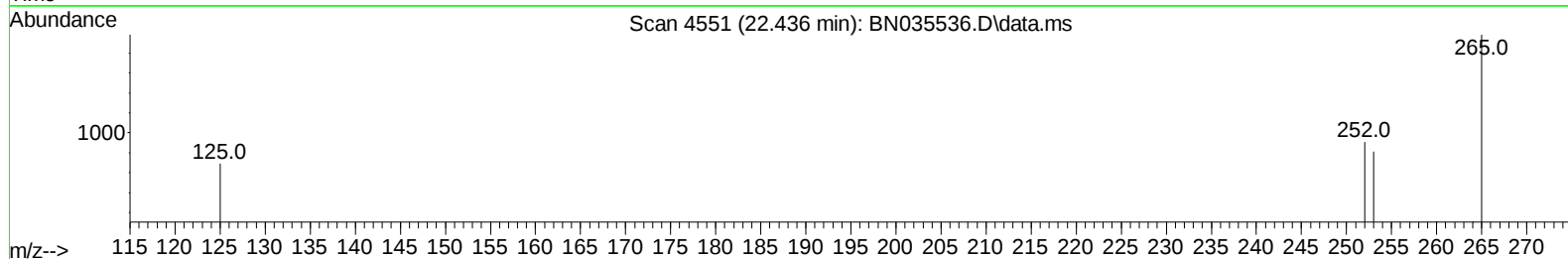
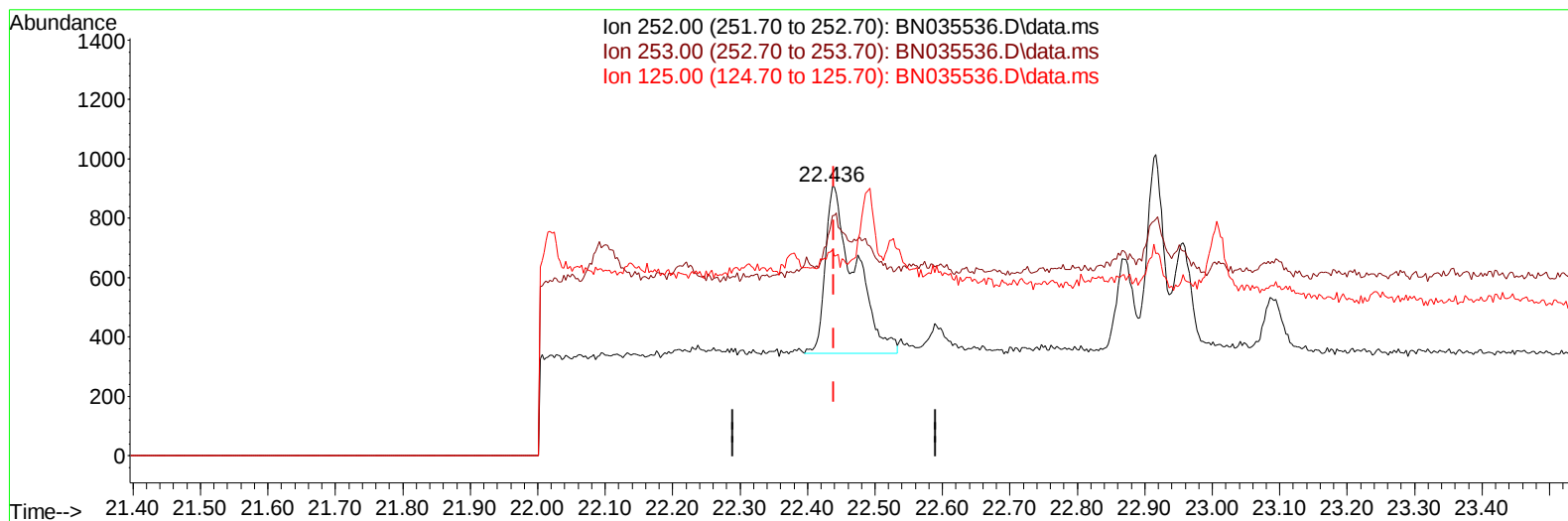
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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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TIC: BN035536.D\data.ms

(24) Benzo(b)fluoranthene

22.436min (-0.003) 0.07 ng/u1

response 1725

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	89.20#
125.00	9.70	76.41#
0.00	0.00	0.00

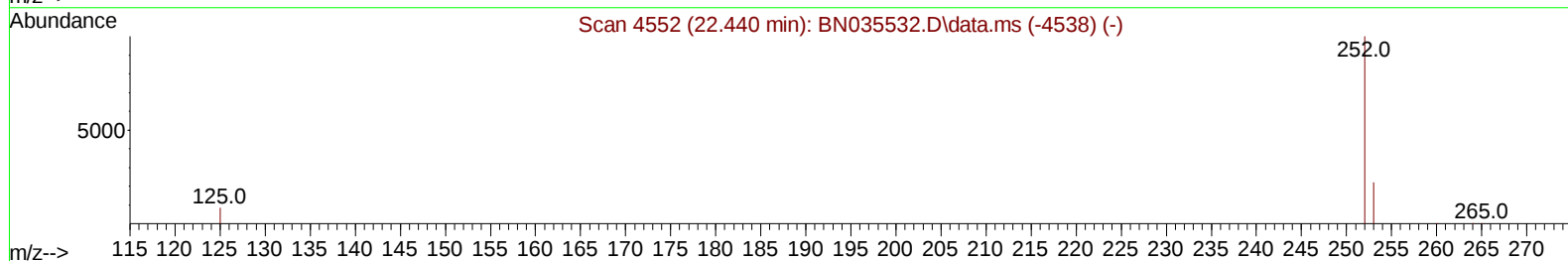
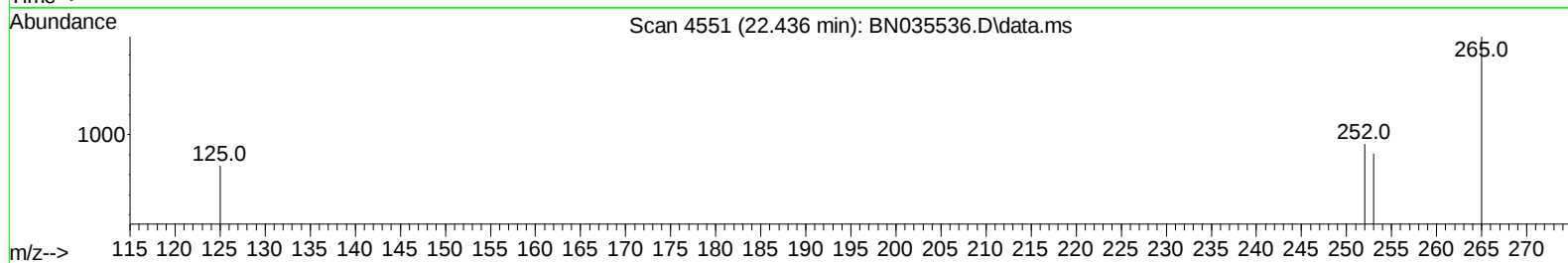
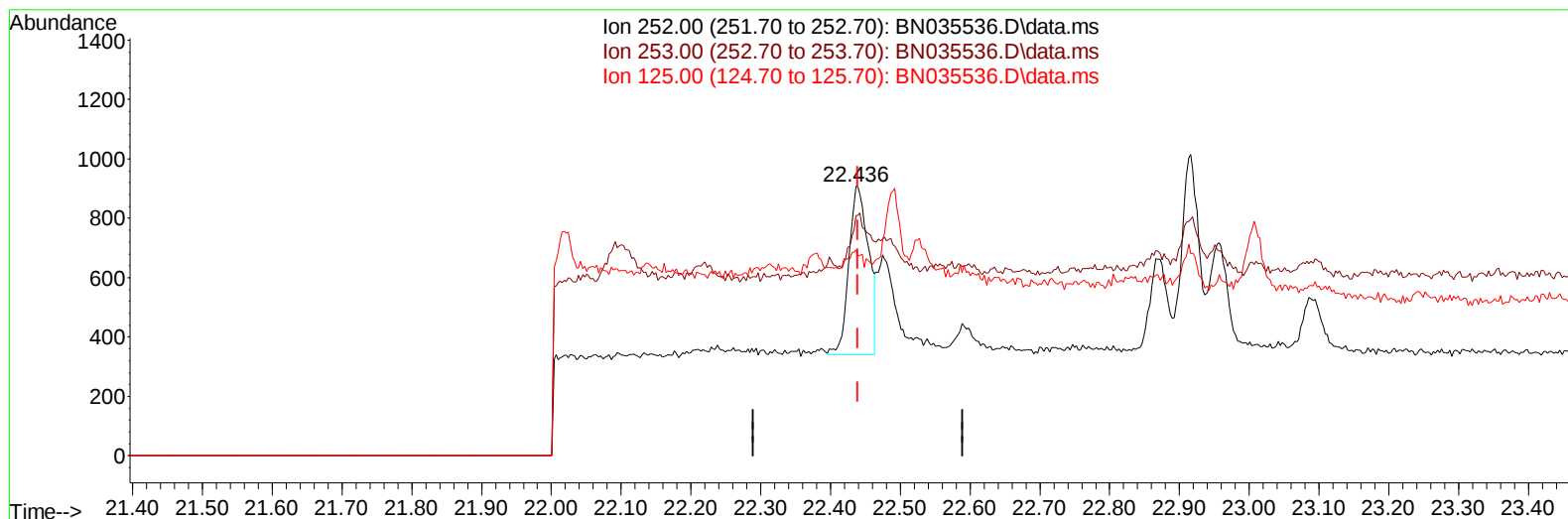
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
Data File : BN035536.D
Acq On : 10 Dec 2024 17:54
Operator : RC/JU
Sample : P5066-16
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28N4

Manual IntegrationsAPPROVED

Quant Time: Dec 10 22:04:46 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: BN035536.D\data.ms

(24) Benzo(b)fluoranthene

22.436min (-0.003) 0.04 ng/u1 m

response 1107

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	89.20#
125.00	9.70	76.41#
0.00	0.00	0.00

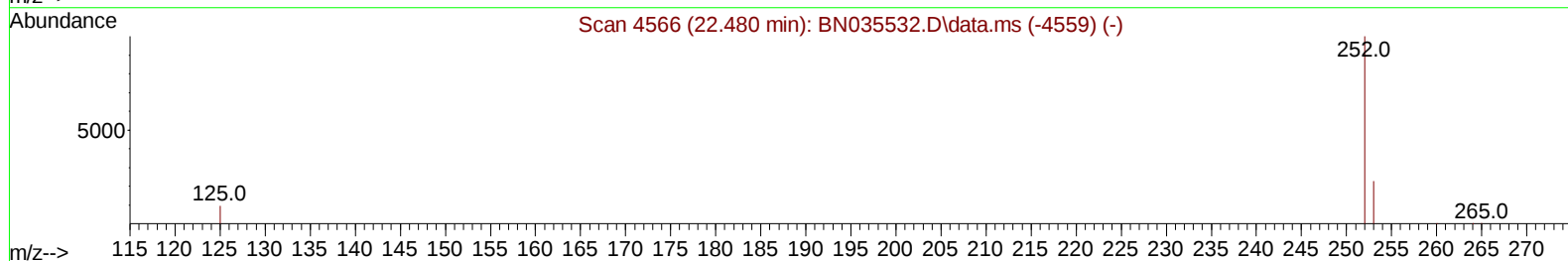
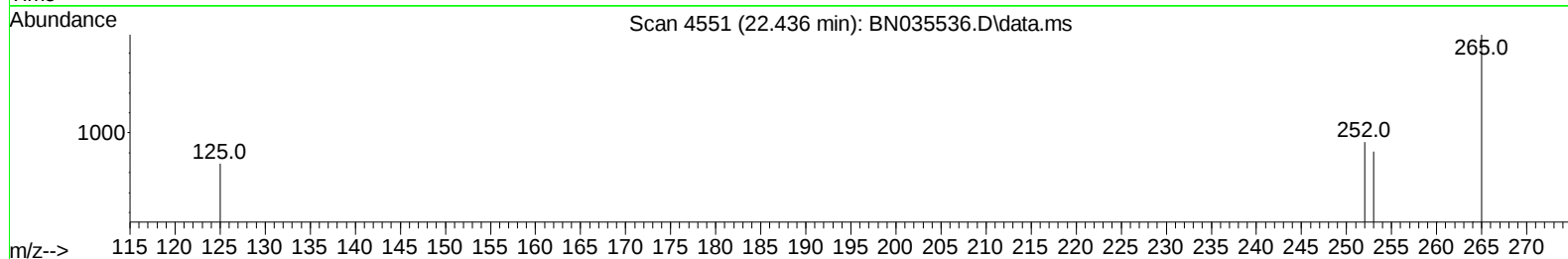
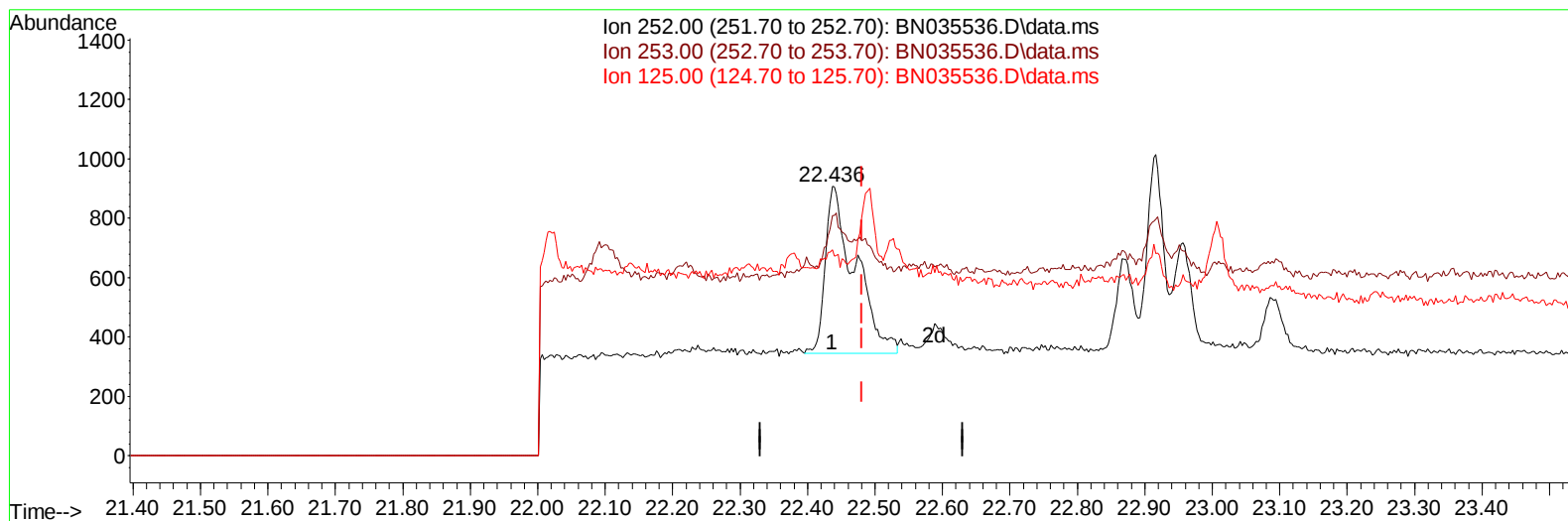
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
 Data File : BN035536.D
 Acq On : 10 Dec 2024 17:54
 Operator : RC/JU
 Sample : P5066-16
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28N4

Manual IntegrationsAPPROVED

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TIC: BN035536.D\data.ms

(25) Benzo(k)fluoranthene

22.436min (-0.044) 0.07 ng/u1

response 1725

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.20	89.20#
125.00	10.70	76.41#
0.00	0.00	0.00

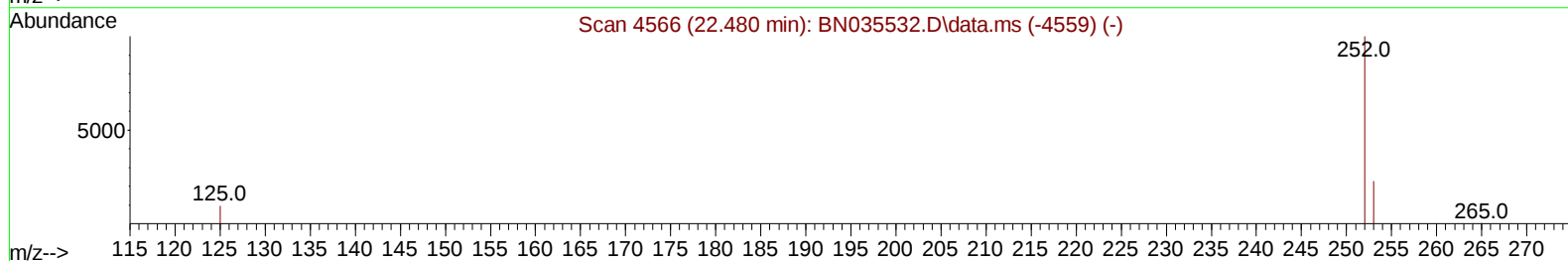
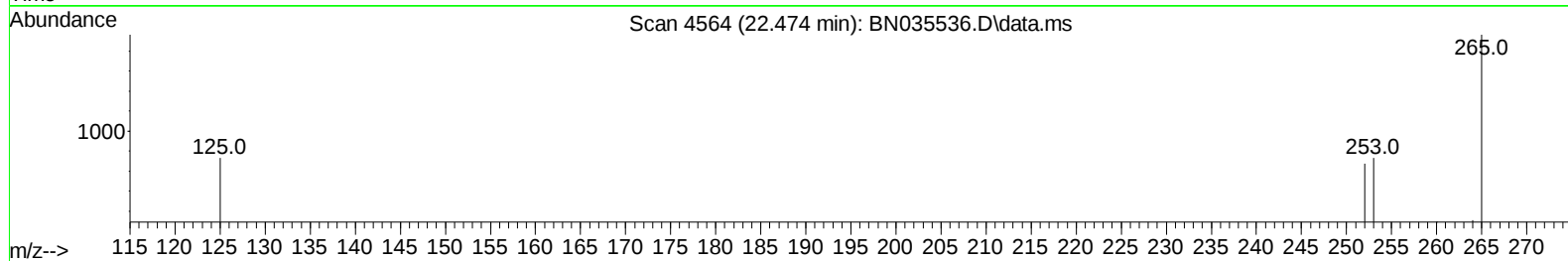
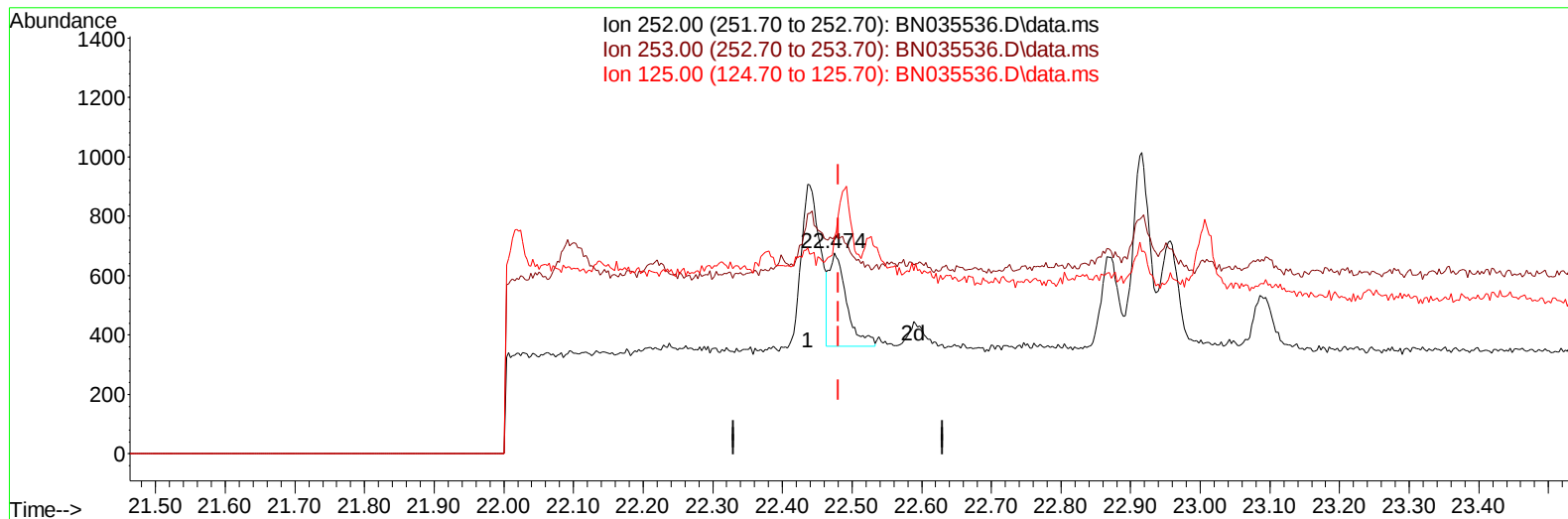
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
Data File : BN035536.D
Acq On : 10 Dec 2024 17:54
Operator : RC/JU
Sample : P5066-16
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28N4

Manual IntegrationsAPPROVED

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TIC: BN035536.D\data.ms

(25) Benzo(k)fluoranthene

22.474min (-0.006) 0.02 ng/u1 m

response 558

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.20	108.14#
125.00	10.70	107.84#
0.00	0.00	0.00

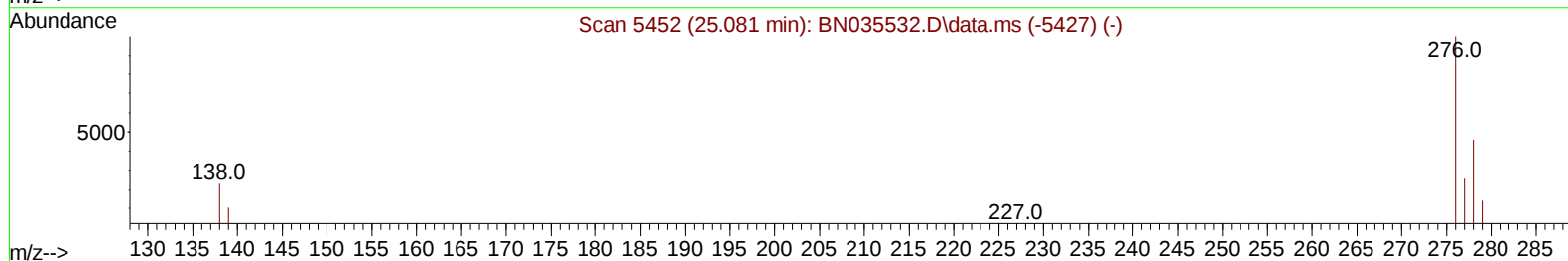
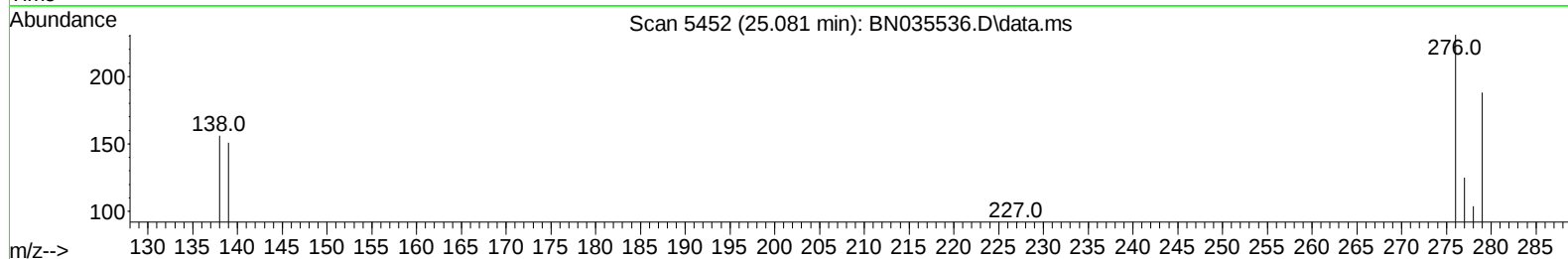
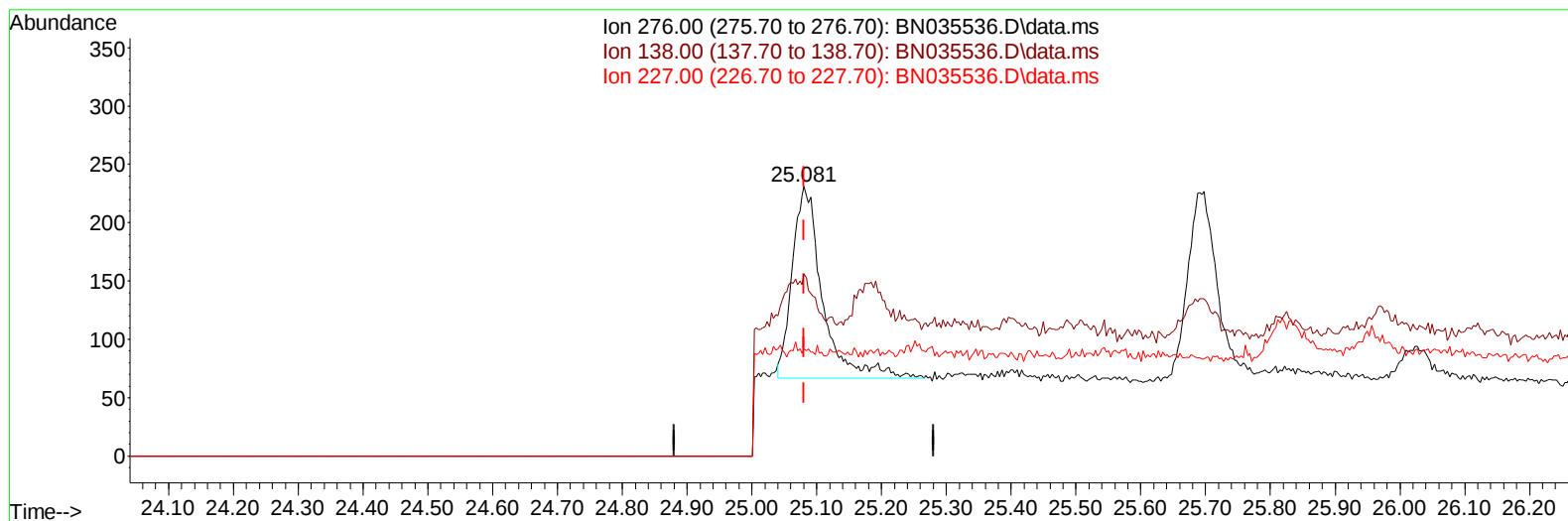
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Operator : RC/JU
Sample : P5066-16
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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TIC: BN035536.D\data.ms

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

25.081min (-0.000) 0.02 ng/u1

response 526

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.30	379.85#
227.00	0.30	0.00#
0.00	0.00	0.00

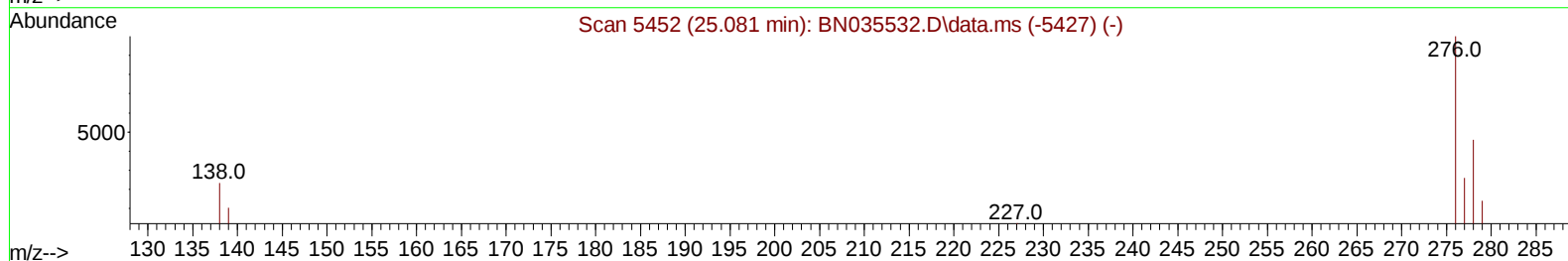
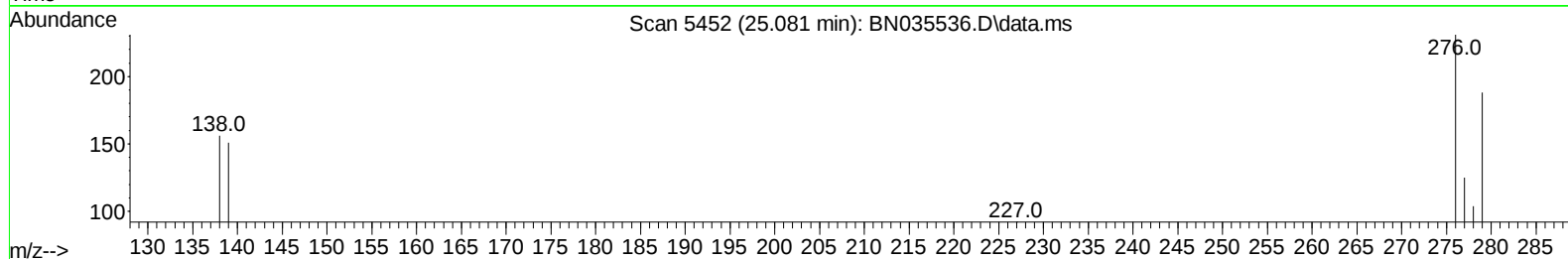
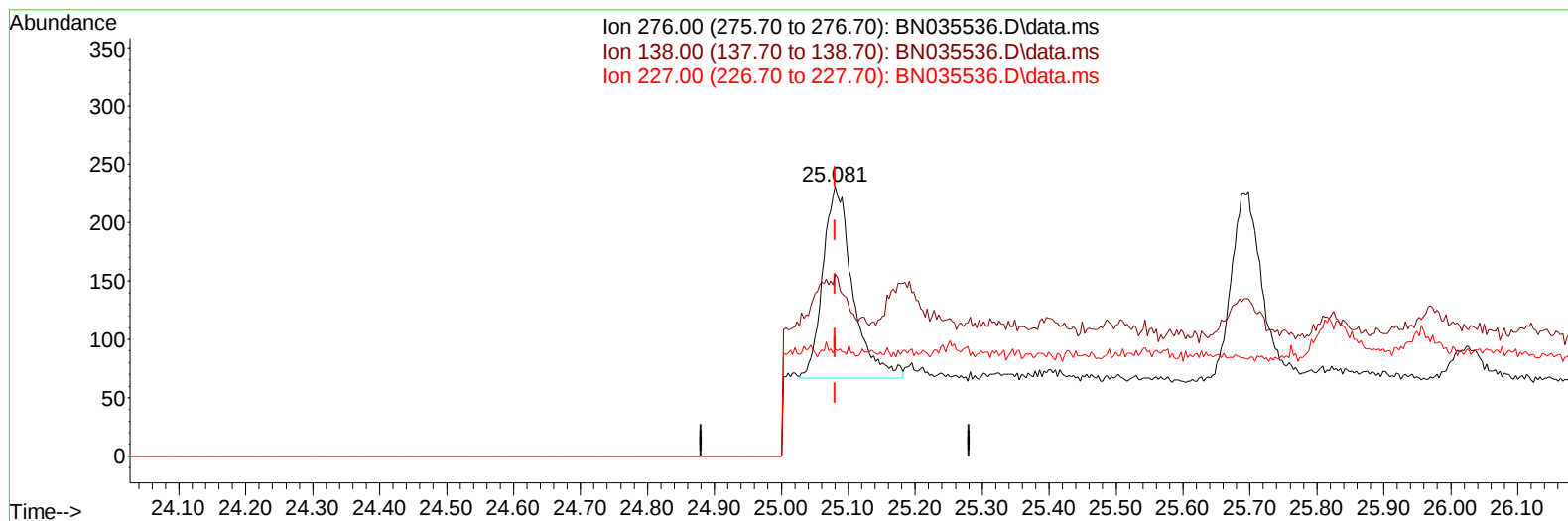
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Misc :
ALS Vial : 6 Sample Multiplier: 1

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TIC: BN035536.D\data.ms

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

25.081min (-0.000) 0.02 ng/u1 m

response 508

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	17.30	393.31#
227.00	0.30	0.00#
0.00	0.00	0.00

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

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.292	152		2923	0.400	ng/ul	0.00
4) Naphthalene-d8	10.036	136		7929	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.949	164		4810	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.717	188		9844	0.400	ng/ul	# 0.00
17) Chrysene-d12	20.961	240		7827	0.400	ng/ul	# 0.00
23) Perylene-d12	23.047	264		7462m	0.400	ng/ul	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	2.963	96		10179	3.810	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.636	152		1935	0.167	ng/ul	0.00
18) Fluoranthene-d10	18.767	212		3662	0.170	ng/ul	0.00
Target Compounds							
						Qvalue	
5) Naphthalene	10.086	128		515m	0.026	ng/ul	
7) 2-Methylnaphthalene	11.719	142		408	0.029	ng/ul	99
8) 1-Methylnaphthalene	11.939	142		355	0.025	ng/ul	97
15) Phenanthrene	16.755	178		1562	0.060	ng/ul#	84
19) Fluoranthene	18.800	202		1581	0.058	ng/ul#	81
20) Pyrene	19.167	202		1455	0.051	ng/ul#	76
21) Benzo(a)anthracene	20.946	228		549	0.020	ng/ul#	53
22) Chrysene	20.996	228		874	0.032	ng/ul#	65
24) Benzo(b)fluoranthene	22.436	252		1107m	0.045	ng/ul	
25) Benzo(k)fluoranthene	22.474	252		558m	0.022	ng/ul	
26) Benzo(a)pyrene	22.957	252		615	0.027	ng/ul#	1
29) Benzo(g,h,i)perylene	25.698	276		527	0.022	ng/ul#	25

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

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