

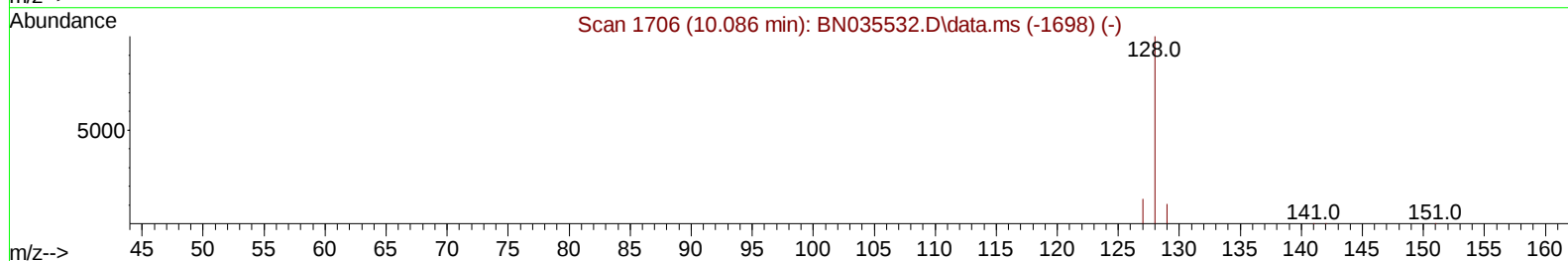
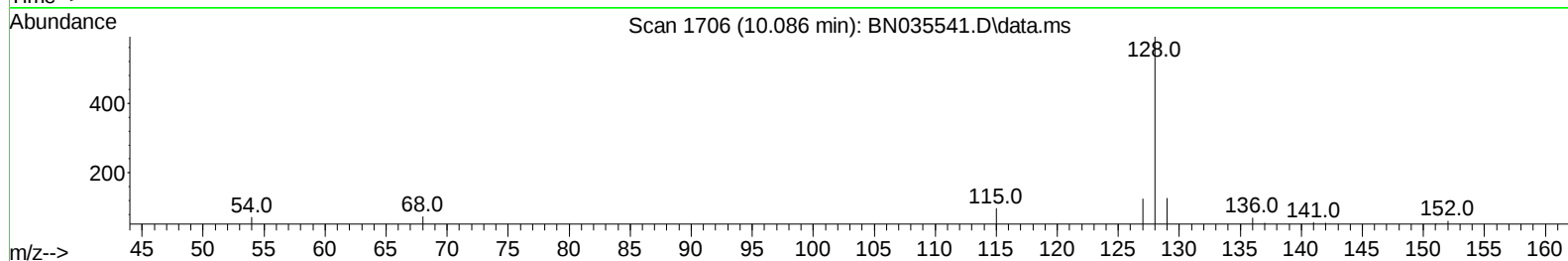
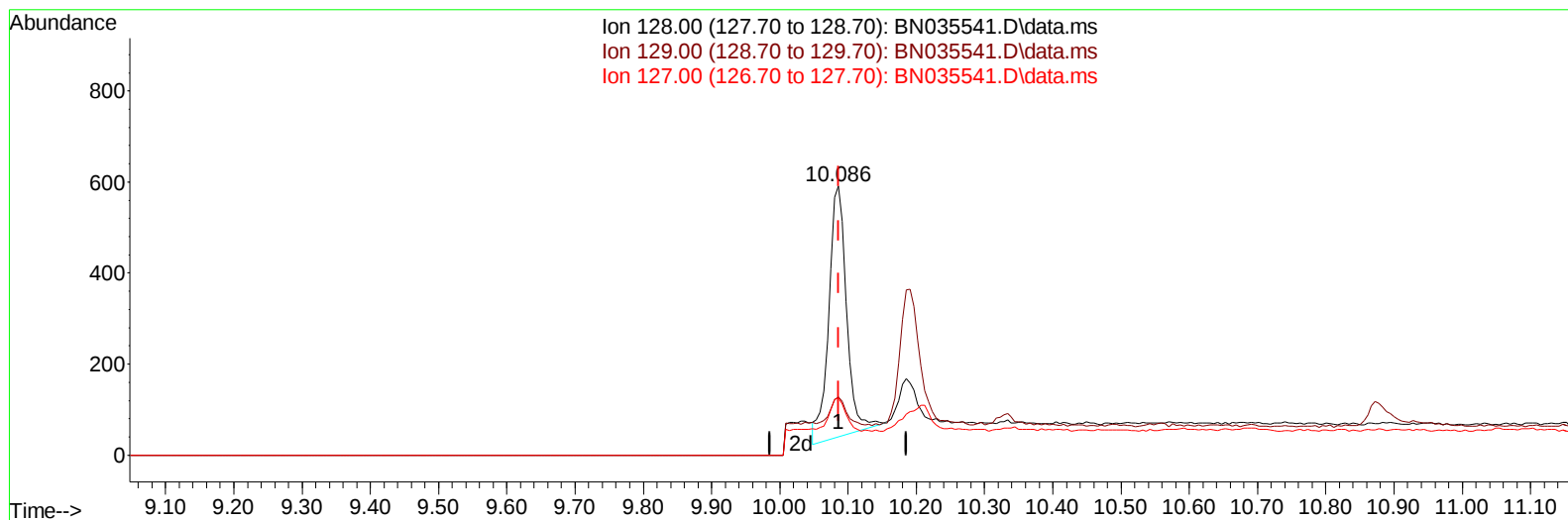
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
Data File : BN035541.D
Acq On : 10 Dec 2024 20:54
Operator : RC/JU
Sample : P5066-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28M9

Manual IntegrationsAPPROVED

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

Quant Time: Dec 10 22:05:19 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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TIC: BN035541.D\data.ms

(5) Naphthalene

10.086min (+ 0.000) 0.05 ng/u1

response 1002

Ion	Exp%	Act%
128.00	100.00	100.00
129.00	12.40	21.66#
127.00	14.30	21.32#
0.00	0.00	0.00

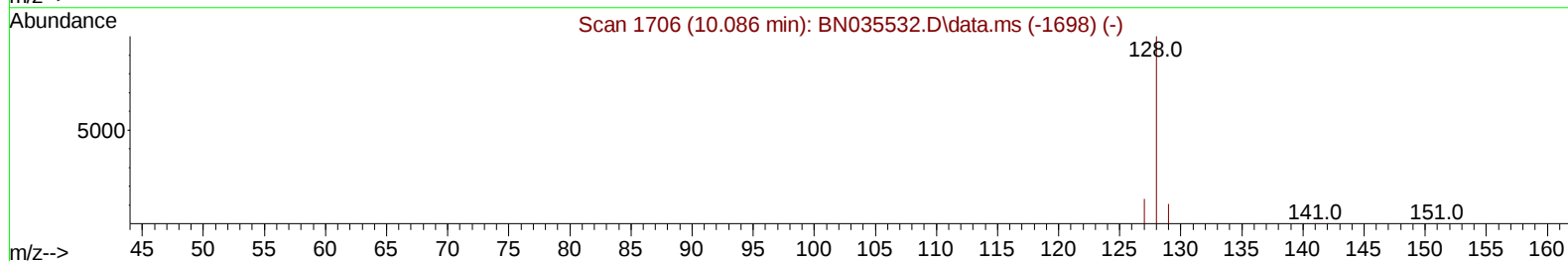
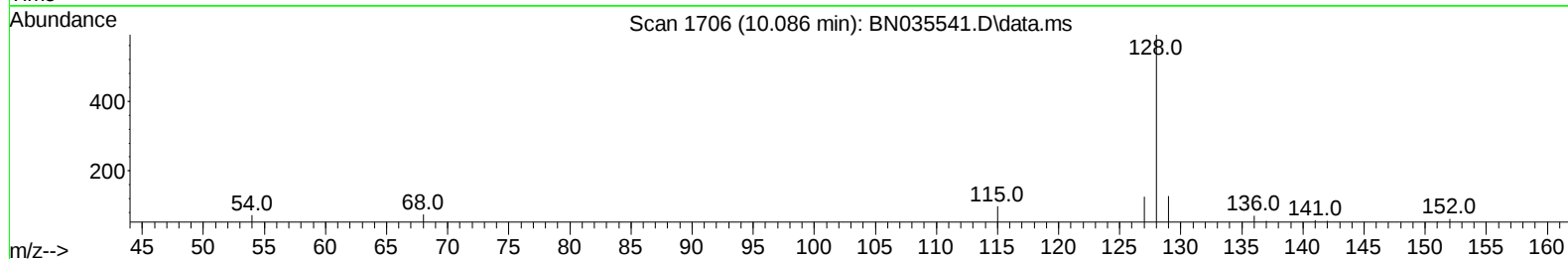
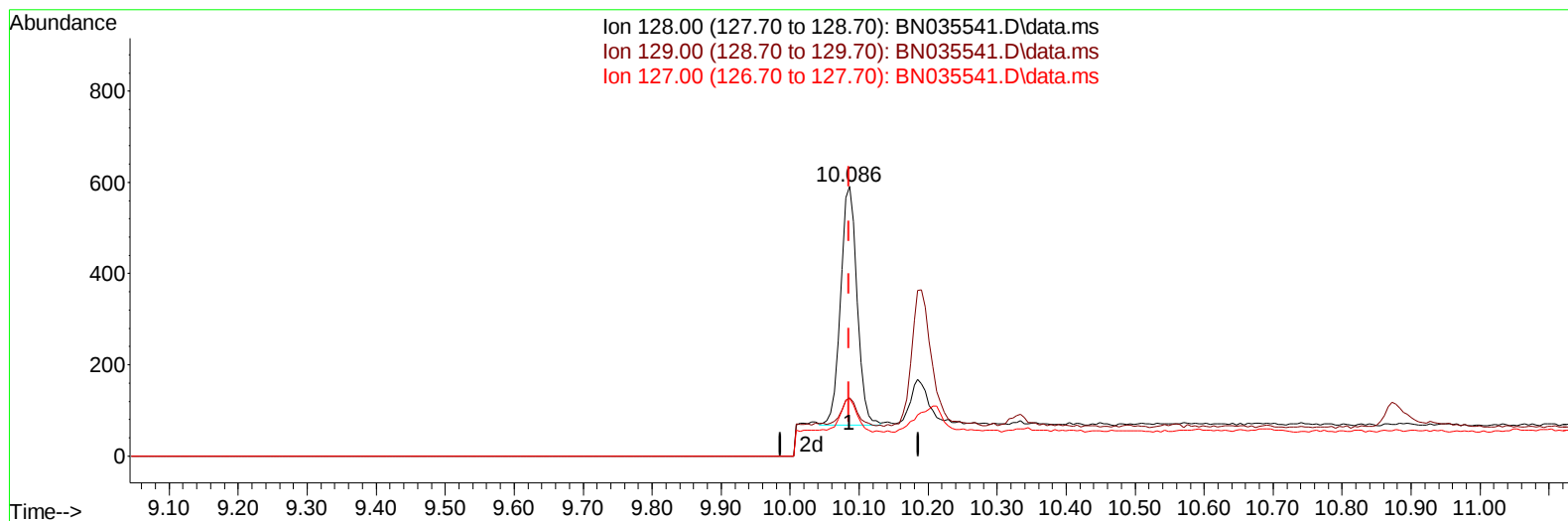
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
Data File : BN035541.D
Acq On : 10 Dec 2024 20:54
Operator : RC/JU
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual IntegrationsAPPROVED

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Response via : Initial Calibration



TIC: BN035541.D\data.ms

(5) Naphthalene

10.086min (+ 0.000) 0.04 ng/ul m

response 860

Ion	Exp%	Act%
128.00	100.00	100.00
129.00	12.40	21.66#
127.00	14.30	21.32#
0.00	0.00	0.00

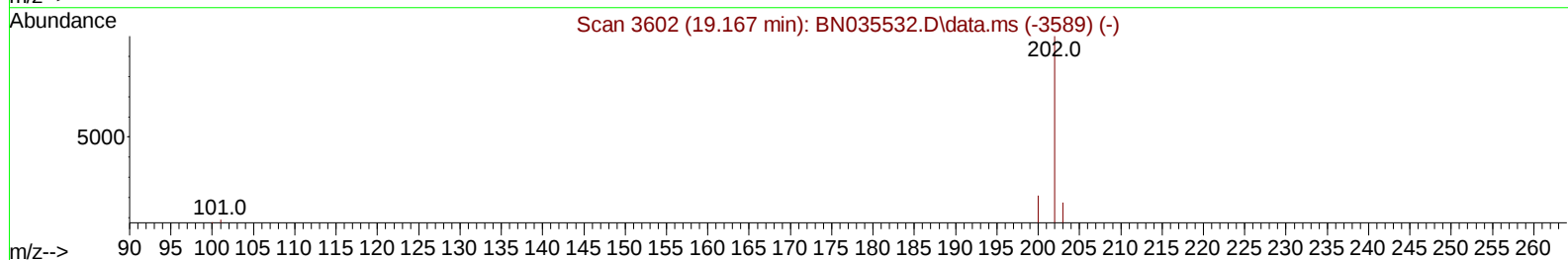
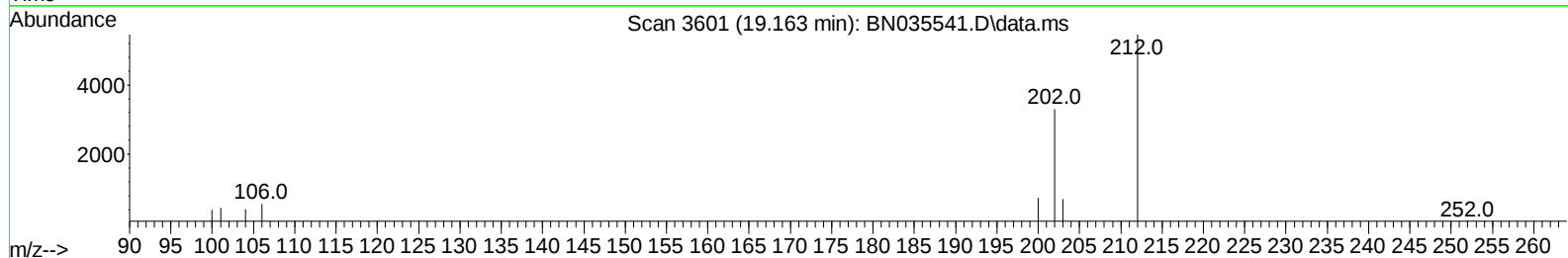
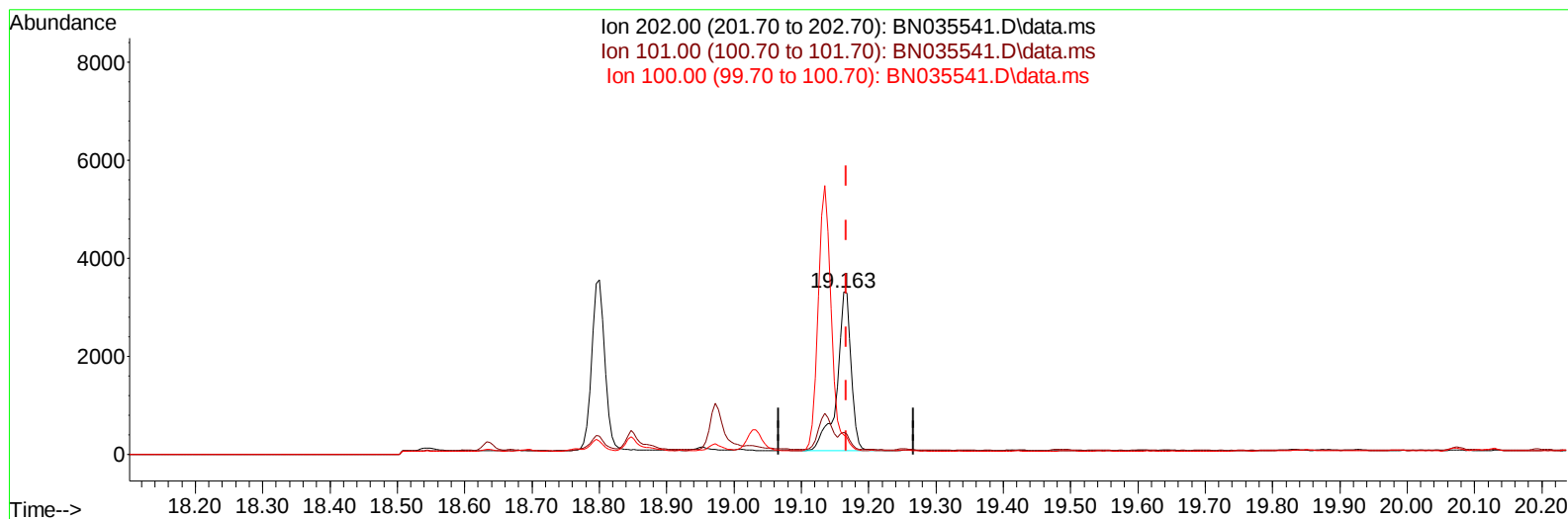
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Sample : P5066-11
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Instrument :
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TIC: BN035541.D\data.ms

(20) Pyrene

19.163min (-0.004) 0.18 ng/u1

response 4851

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	7.80	13.67#
100.00	6.40	11.97#
0.00	0.00	0.00

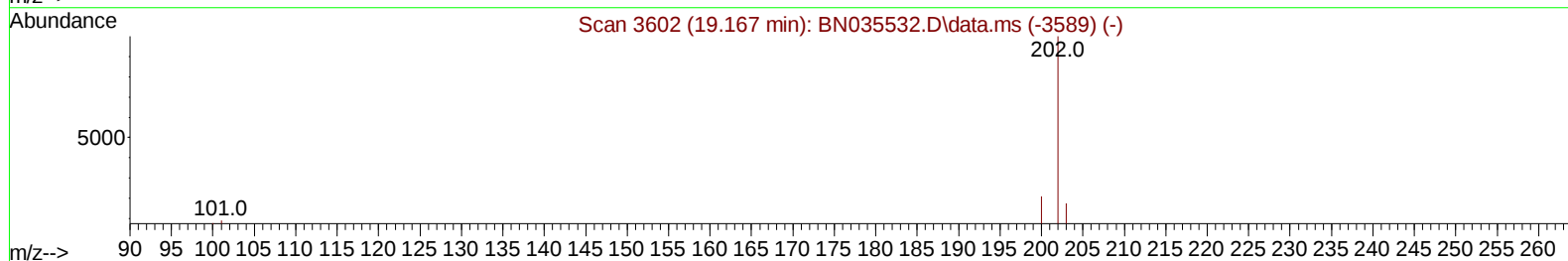
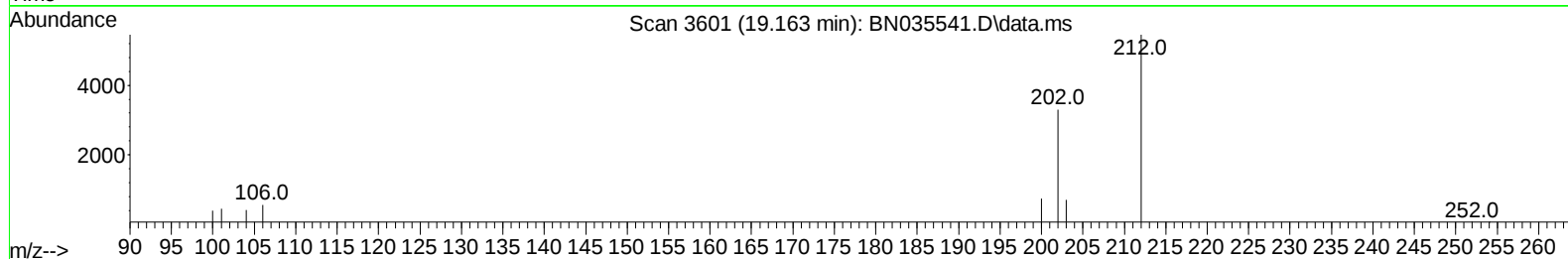
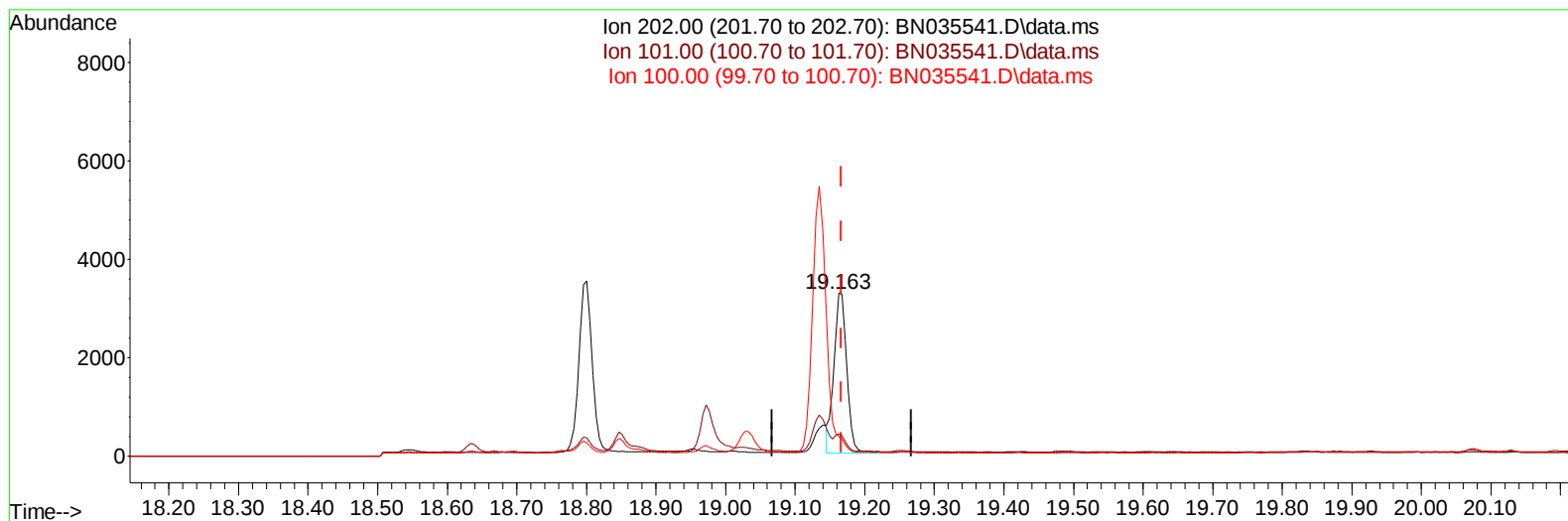
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
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TIC: BN035541.D\data.ms

(20) Pyrene

19.163min (-0.004) 0.16 ng/ul m

response 4267

Ion	Exp%	Act%
202.00	100.00	100.00
101.00	7.80	13.67#
100.00	6.40	11.97#
0.00	0.00	0.00

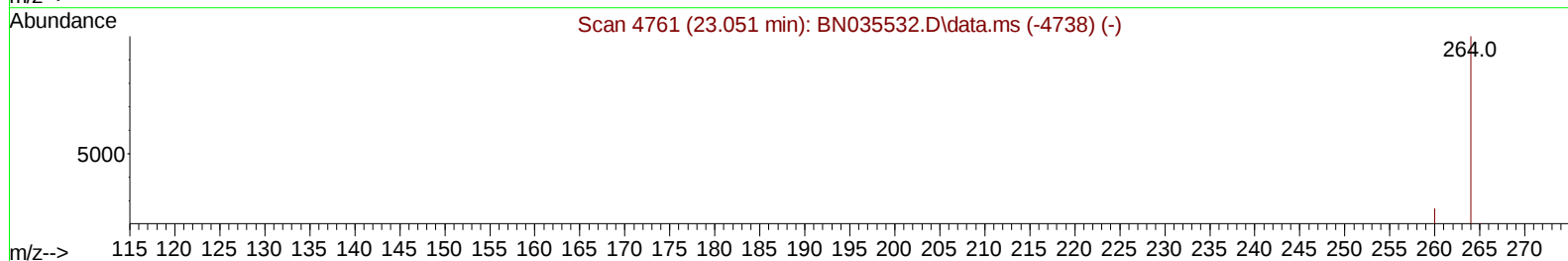
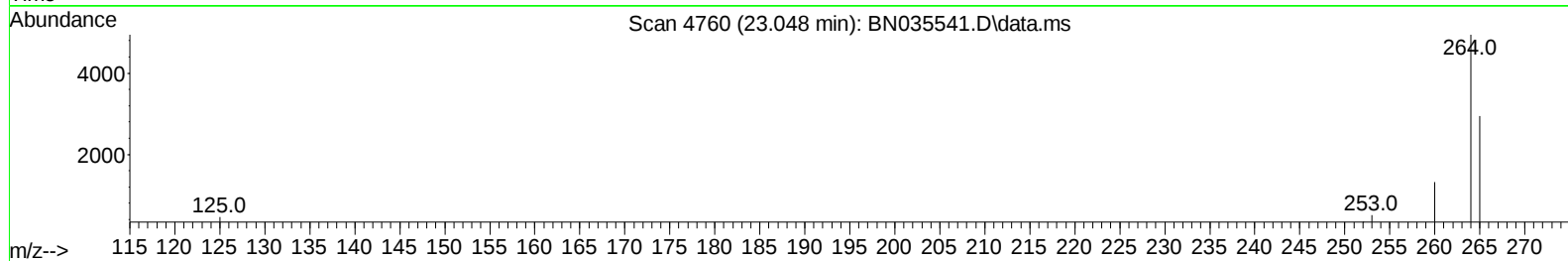
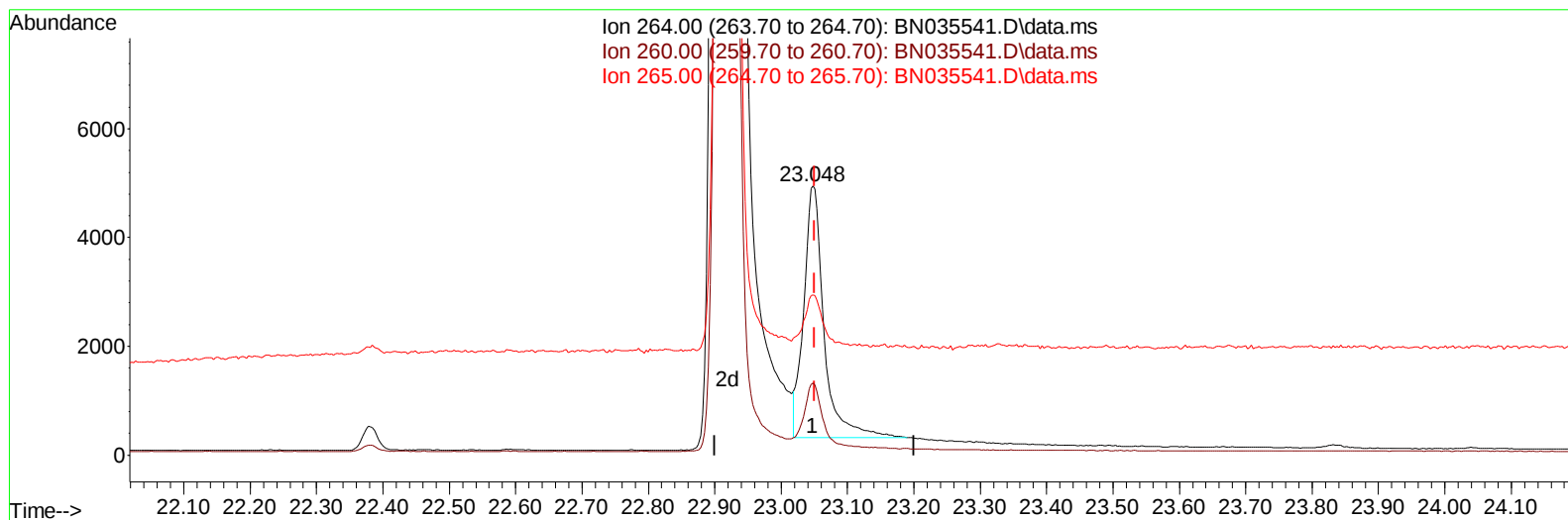
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TIC: BN035541.D\data.ms

(23) Perylene-d12 (I)

23.048min (-0.003) 0.40 ng/u1

response 9842

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.20	26.73
265.00	75.50	59.48#
0.00	0.00	0.00

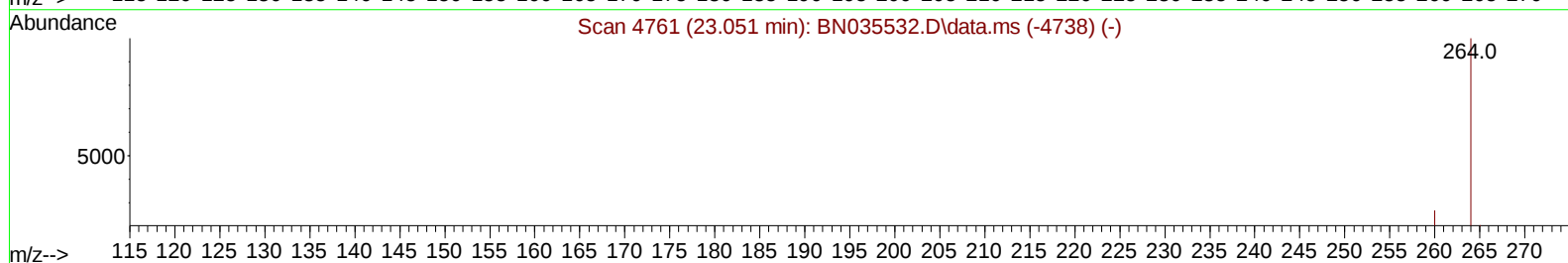
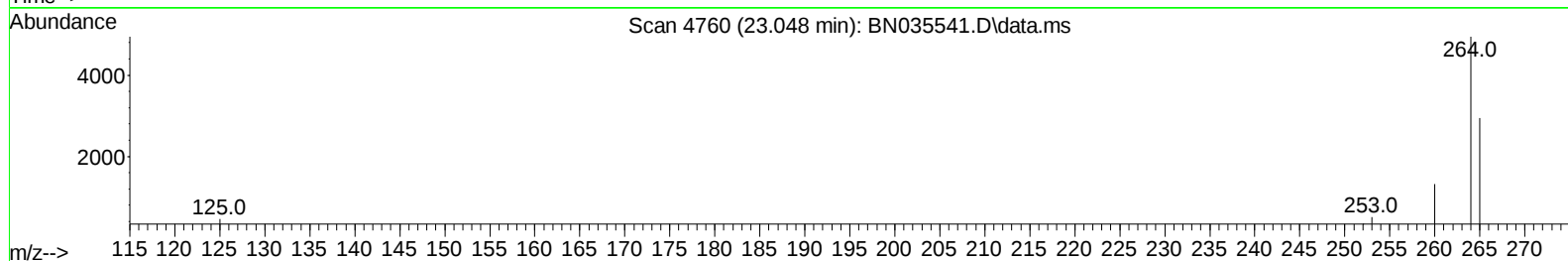
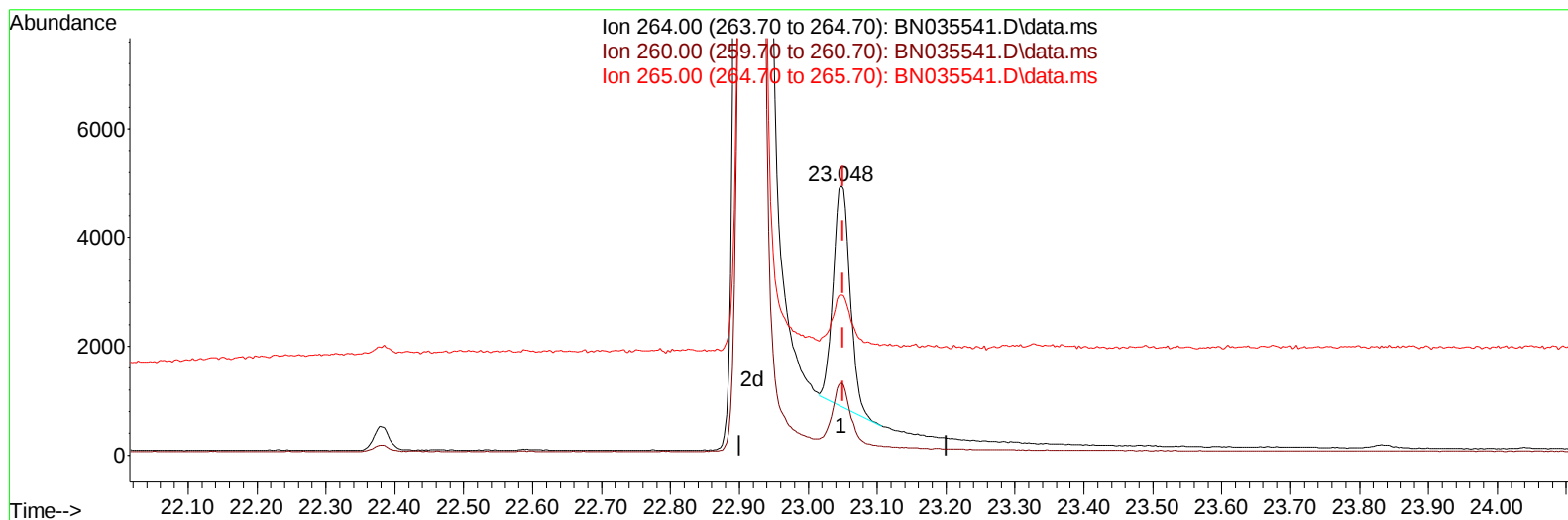
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
Data File : BN035541.D
Acq On : 10 Dec 2024 20:54
Operator : RC/JU
Sample : P5066-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28M9

Manual IntegrationsAPPROVED

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

Quant Time: Dec 10 22:05:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN111624.M
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TIC: BN035541.D\data.ms

(23) Perylene-d12 (I)

23.048min (-0.003) 0.40 ng/ul m

response 6944

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	26.20	26.73
265.00	75.50	59.48#
0.00	0.00	0.00

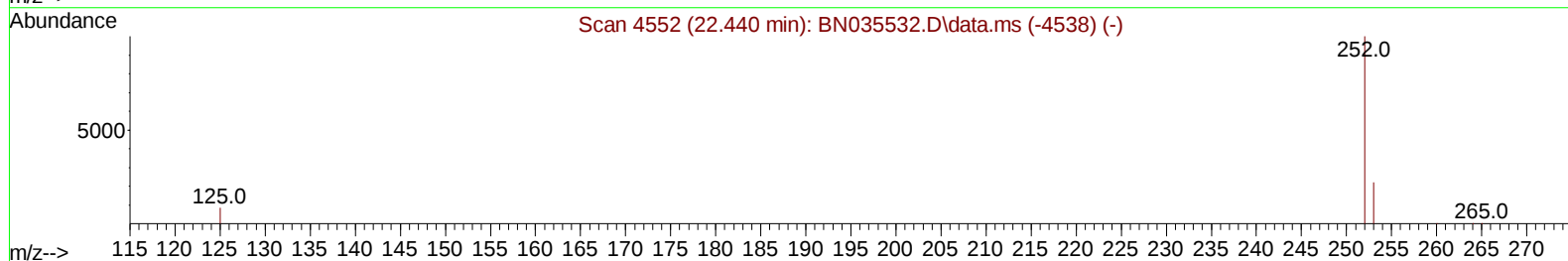
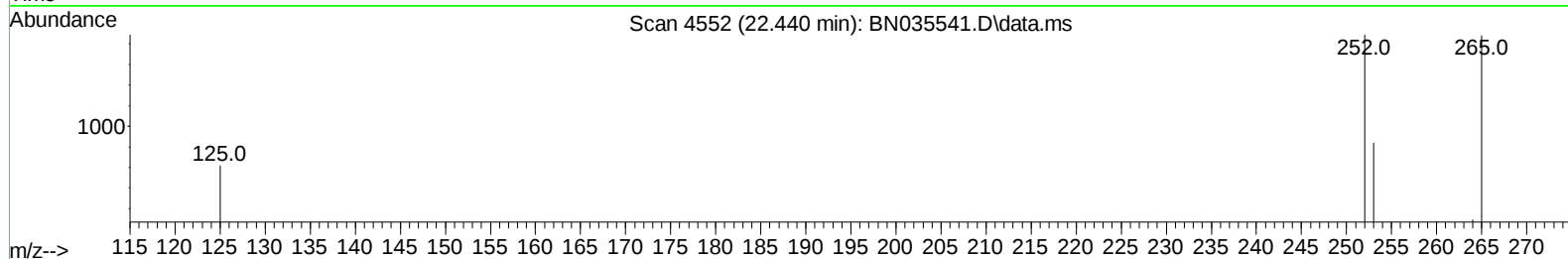
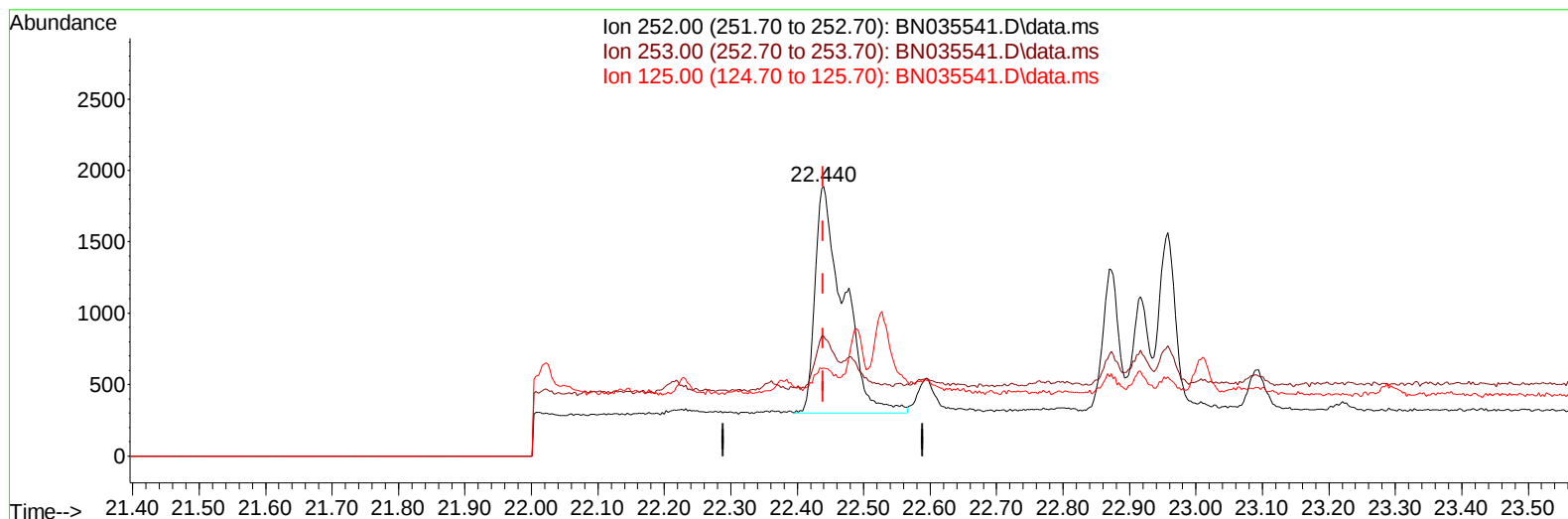
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
Data File : BN035541.D
Acq On : 10 Dec 2024 20:54
Operator : RC/JU
Sample : P5066-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual IntegrationsAPPROVED

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



TIC: BN035541.D\data.ms

(24) Benzo(b)fluoranthene

22.440min (+ 0.000) 0.21 ng/u1

response 4776

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	44.44
125.00	9.70	32.68#
0.00	0.00	0.00

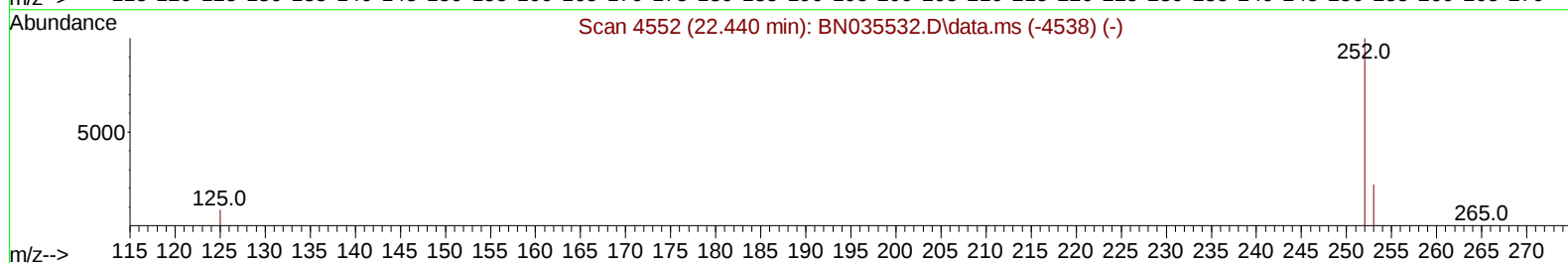
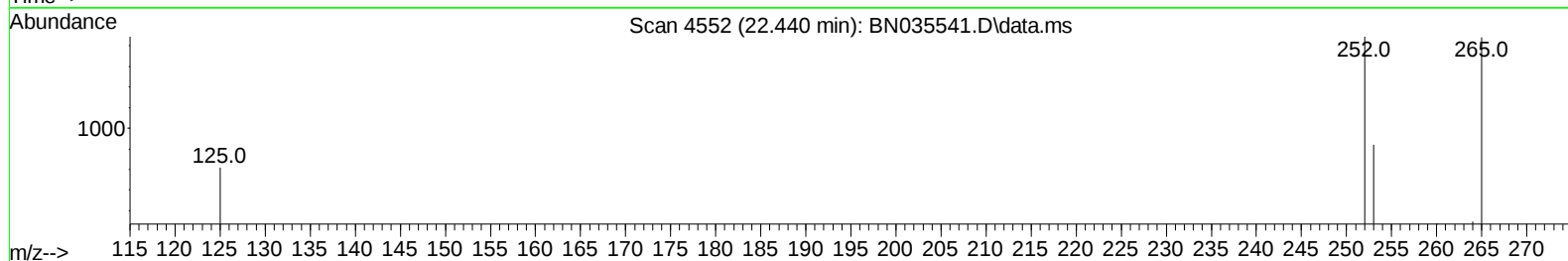
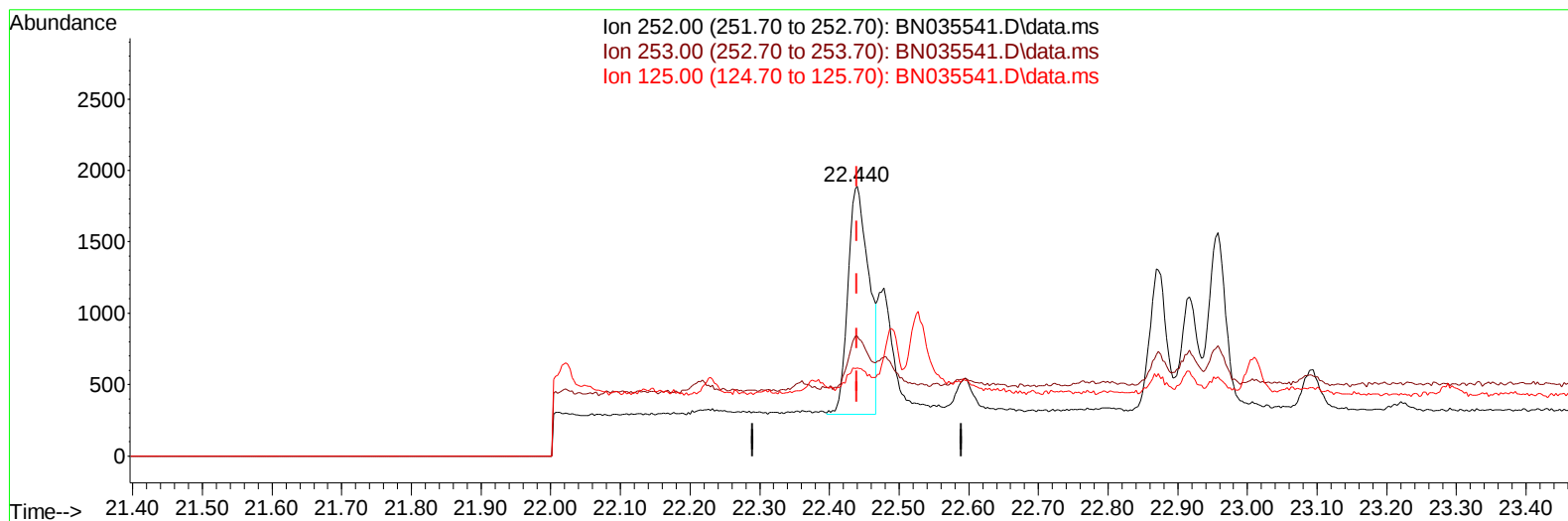
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121024\
Data File : BN035541.D
Acq On : 10 Dec 2024 20:54
Operator : RC/JU
Sample : P5066-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28M9

Manual IntegrationsAPPROVED

Quant Time: Dec 10 22:05:19 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: BN035541.D\data.ms

(24) Benzo(b)fluoranthene

22.440min (+ 0.000) 0.14 ng/u1 m

response 3322

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.00	44.44
125.00	9.70	32.68#
0.00	0.00	0.00

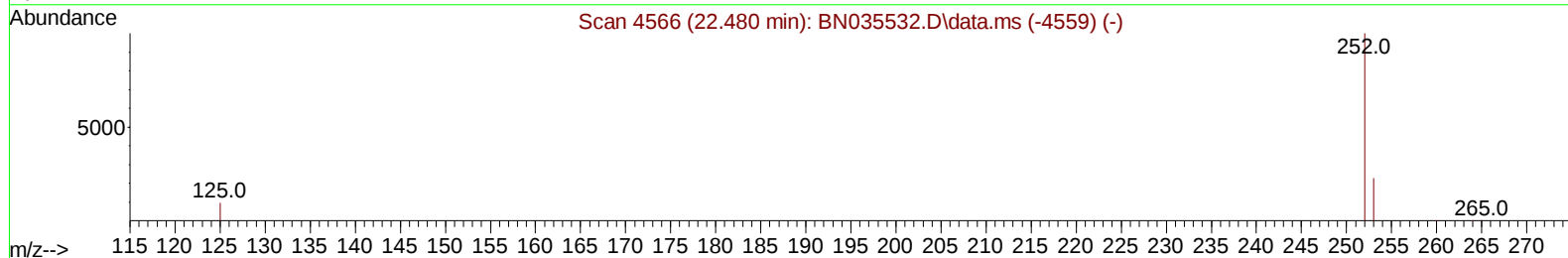
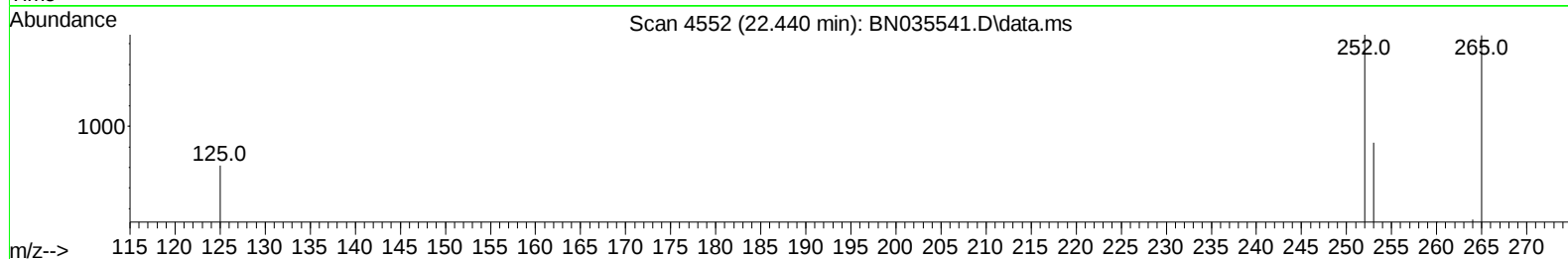
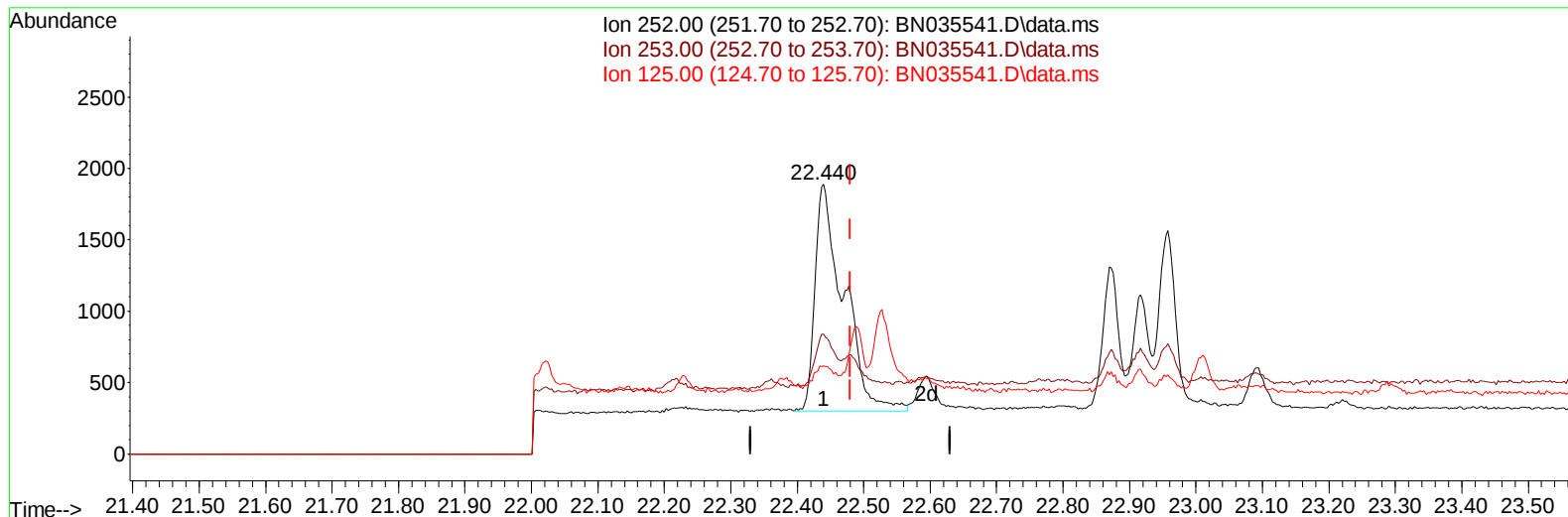
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Sample : P5066-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 12/12/2024



TIC: BN035541.D\data.ms

(25) Benzo(k)fluoranthene

22.440min (-0.041) 0.20 ng/u1

response 4776

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.20	44.44#
125.00	10.70	32.68#
0.00	0.00	0.00

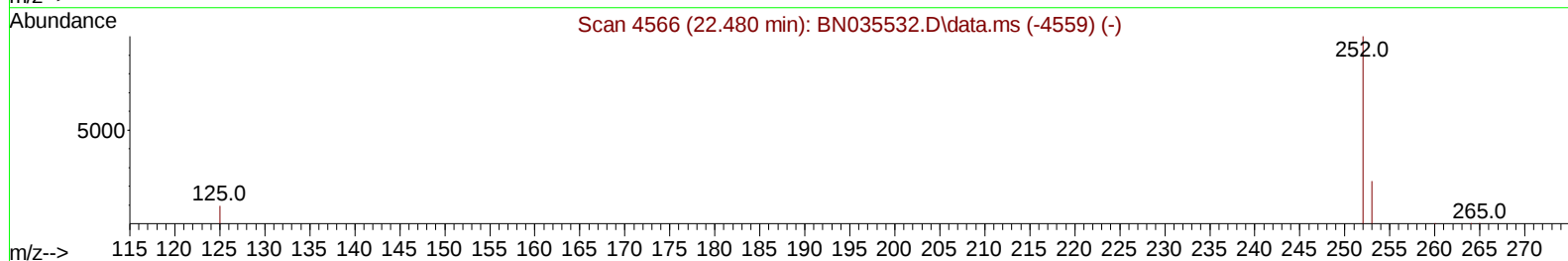
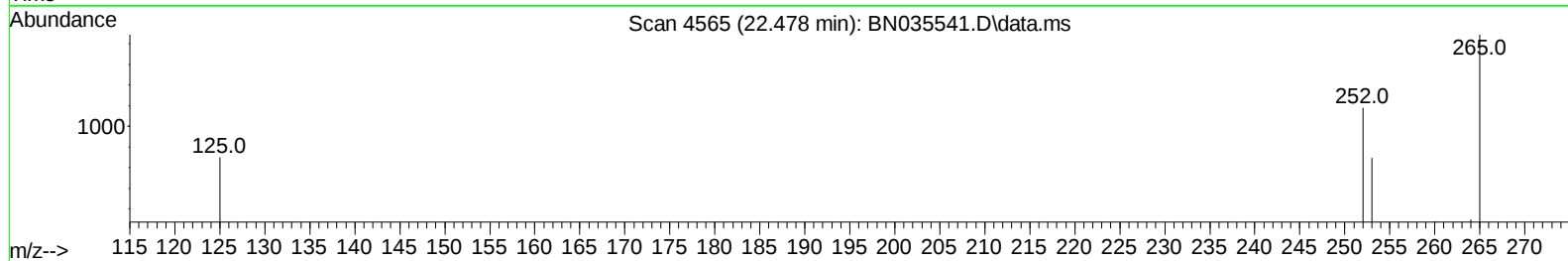
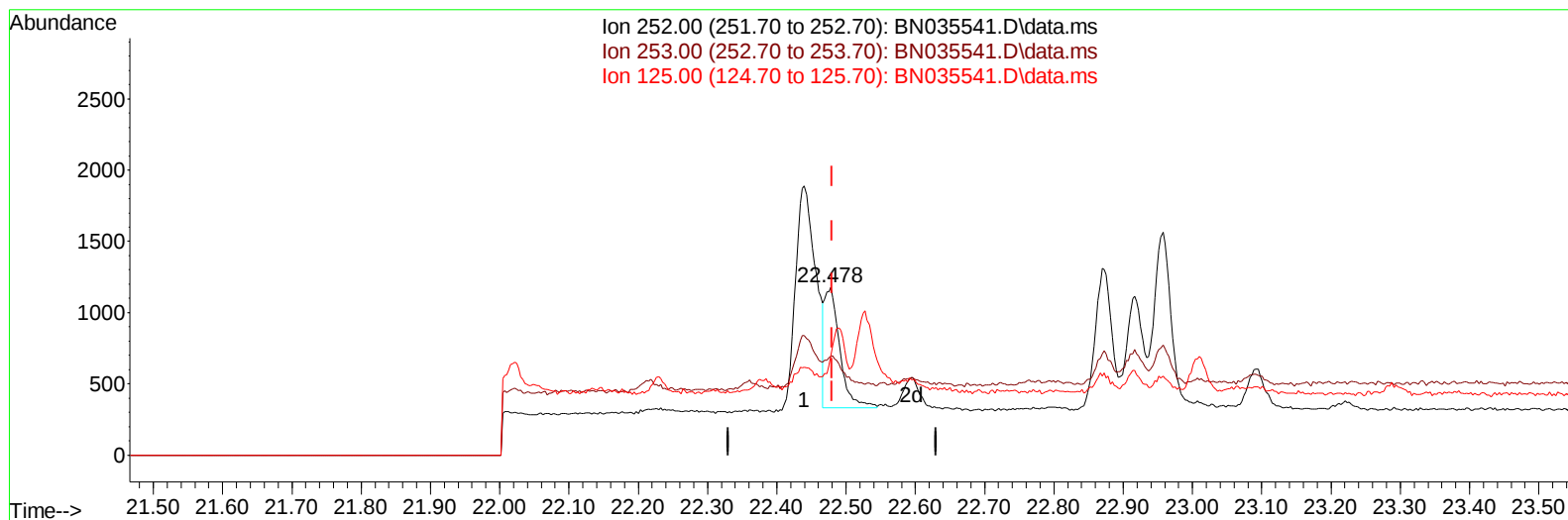
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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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TIC: BN035541.D\data.ms

(25) Benzo(k)fluoranthene

22.478min (-0.003) 0.05 ng/u1 m

response 1281

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.20	58.83#
125.00	10.70	59.17#
0.00	0.00	0.00

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 Data File : BN035541.D
 Acq On : 10 Dec 2024 20:54
 Operator : RC/JU
 Sample : P5066-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 E28M9

Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.293	152	3100	0.400	ng/ul	0.00
4) Naphthalene-d8	10.037	136	8801	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.949	164	5548	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.717	188	10938	0.400	ng/ul	# 0.00
17) Chrysene-d12	20.961	240	7457	0.400	ng/ul	# 0.00
23) Perylene-d12	23.048	264	6944m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.959	96	11156	3.937	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.637	152	2722	0.211	ng/ul	0.00
18) Fluoranthene-d10	18.768	212	4861	0.236	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.086	128	860m	0.039	ng/ul	
7) 2-Methylnaphthalene	11.714	142	708	0.046	ng/ul	96
8) 1-Methylnaphthalene	11.939	142	533	0.034	ng/ul	96
15) Phenanthrene	16.755	178	2599	0.090	ng/ul	93
19) Fluoranthene	18.800	202	4782	0.184	ng/ul#	93
20) Pyrene	19.163	202	4267m	0.158	ng/ul	
21) Benzo(a)anthracene	20.944	228	1644	0.064	ng/ul#	88
22) Chrysene	20.997	228	2421	0.093	ng/ul#	93
24) Benzo(b)fluoranthene	22.440	252	3322m	0.145	ng/ul	
25) Benzo(k)fluoranthene	22.478	252	1281m	0.054	ng/ul	
26) Benzo(a)pyrene	22.957	252	2144	0.102	ng/ul#	55
27) Indeno(1,2,3-cd)pyrene	25.078	276	1667	0.059	ng/ul#	85
29) Benzo(g,h,i)perylene	25.691	276	1759	0.079	ng/ul#	72

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

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