

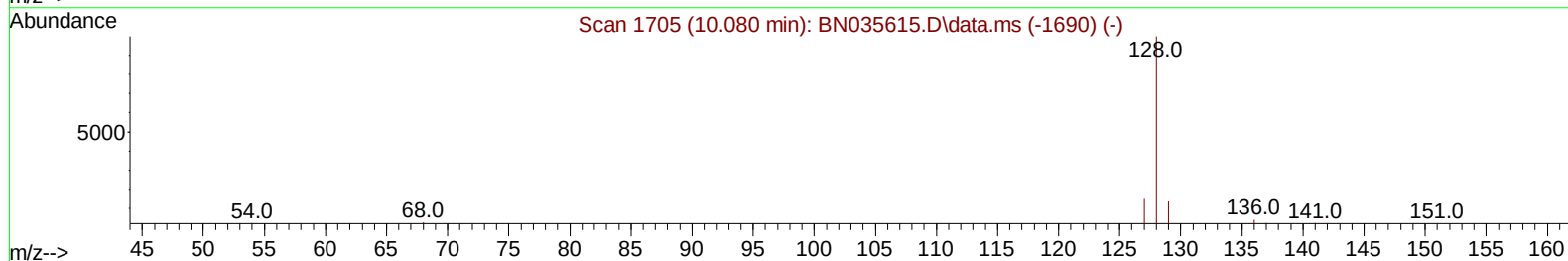
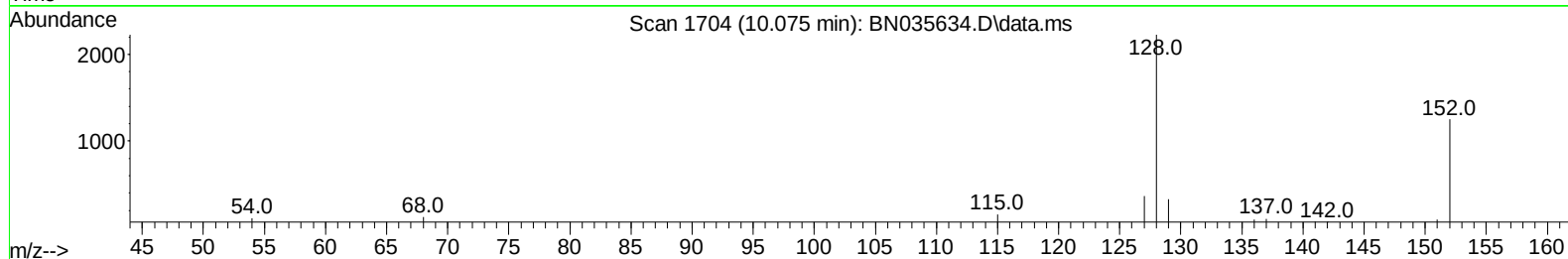
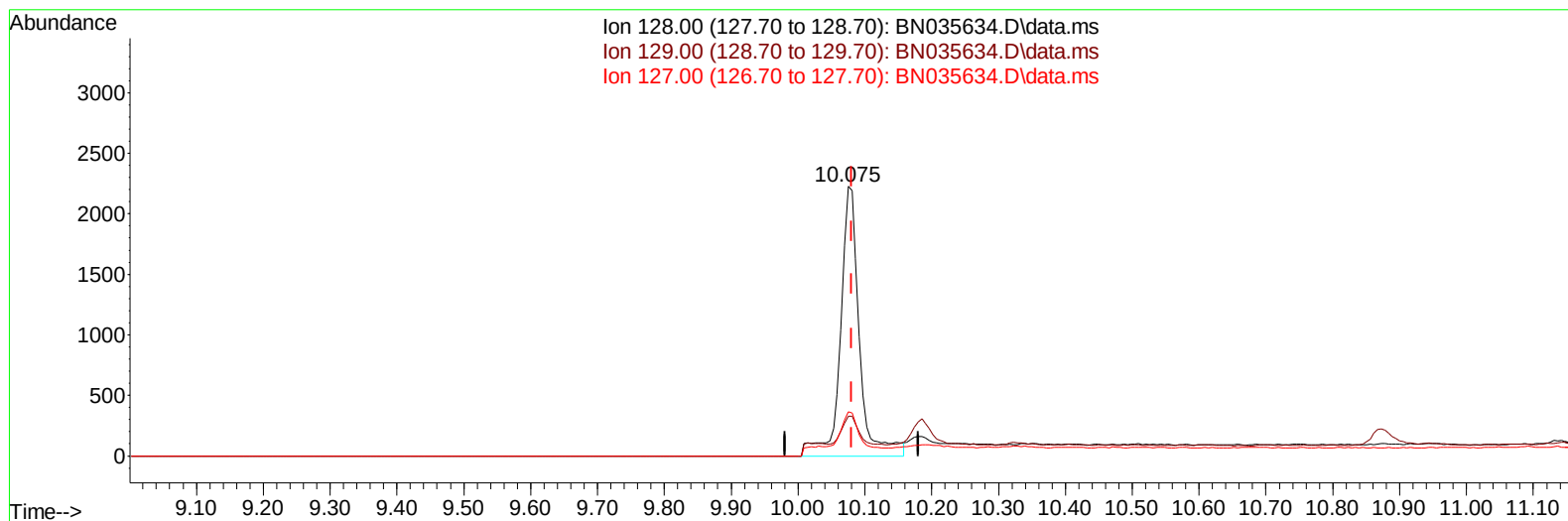
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
Data File : BN035634.D
Acq On : 17 Dec 2024 02:00
Operator : RC/JU
Sample : P5232-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28S4

Manual IntegrationsAPPROVED

Quant Time: Dec 17 02:41:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:26:08 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/21/2024



TIC: BN035634.D\data.ms

(5) Naphthalene

10.075min (-0.005) 0.22 ng/u1

response 4313

Ion	Exp%	Act%
128.00	100.00	100.00
129.00	13.50	14.82
127.00	15.00	16.44
0.00	0.00	0.00

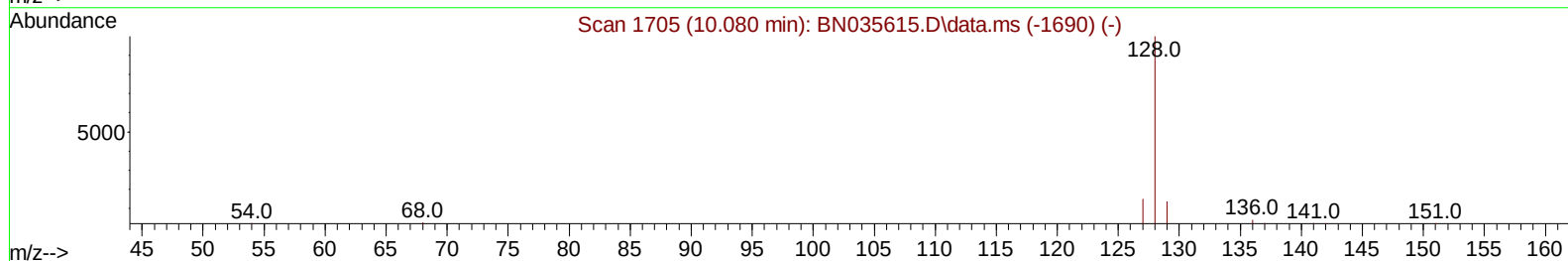
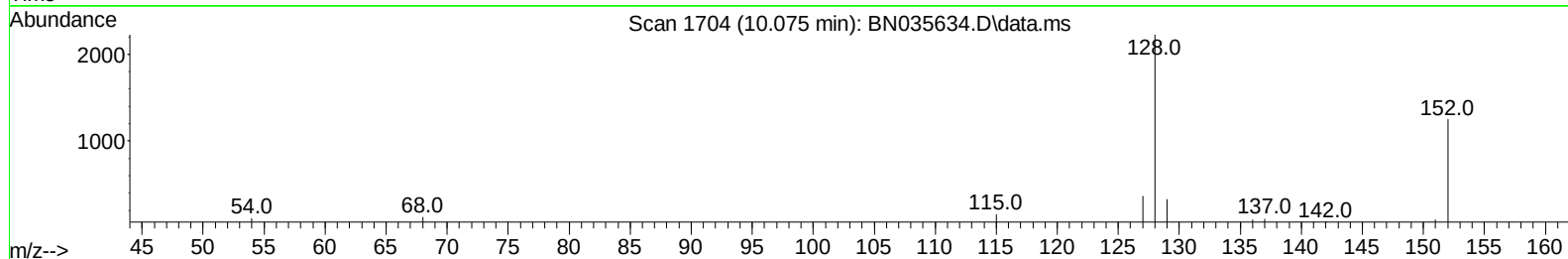
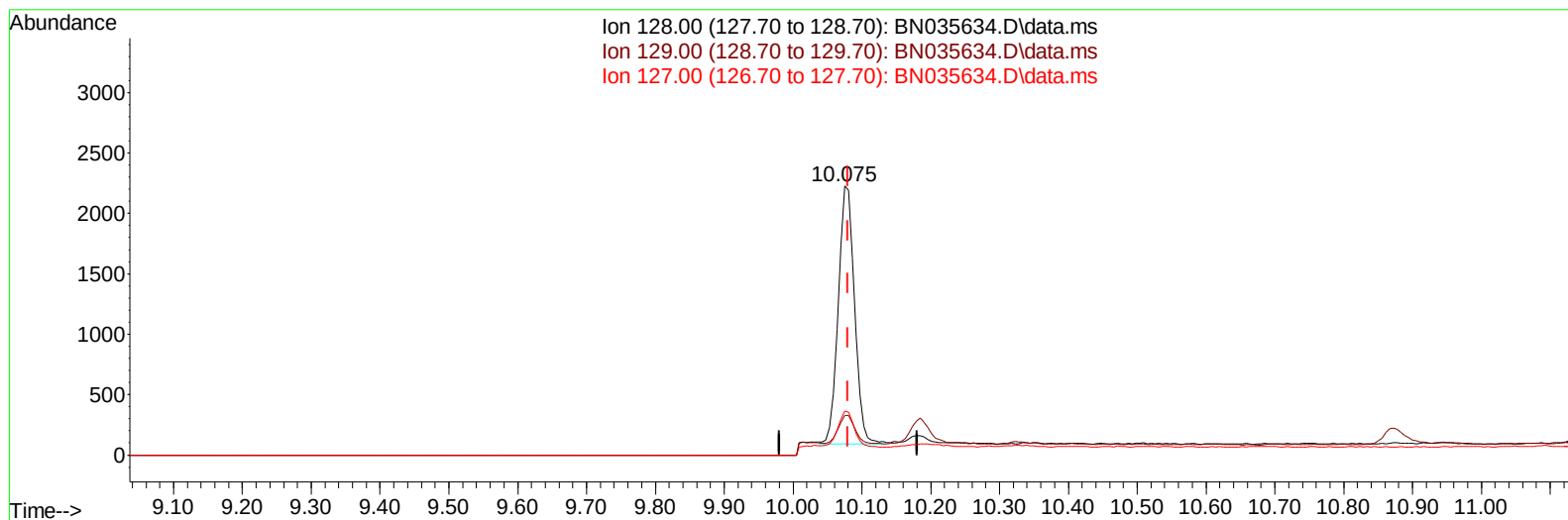
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
Data File : BN035634.D
Acq On : 17 Dec 2024 02:00
Operator : RC/JU
Sample : P5232-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual IntegrationsAPPROVED

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TIC: BN035634.D\data.ms

(5) Naphthalene

10.075min (-0.005) 0.18 ng/ul m

response 3476

Ion	Exp%	Act%
128.00	100.00	100.00
129.00	13.50	14.82
127.00	15.00	16.44
0.00	0.00	0.00

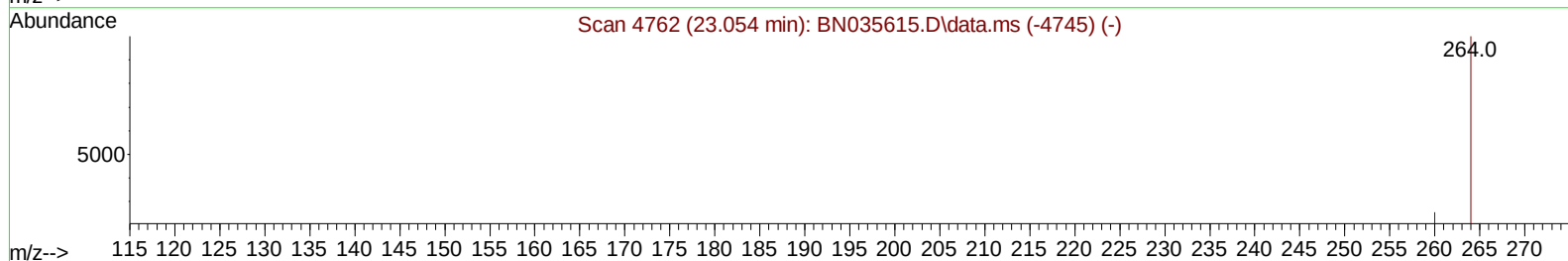
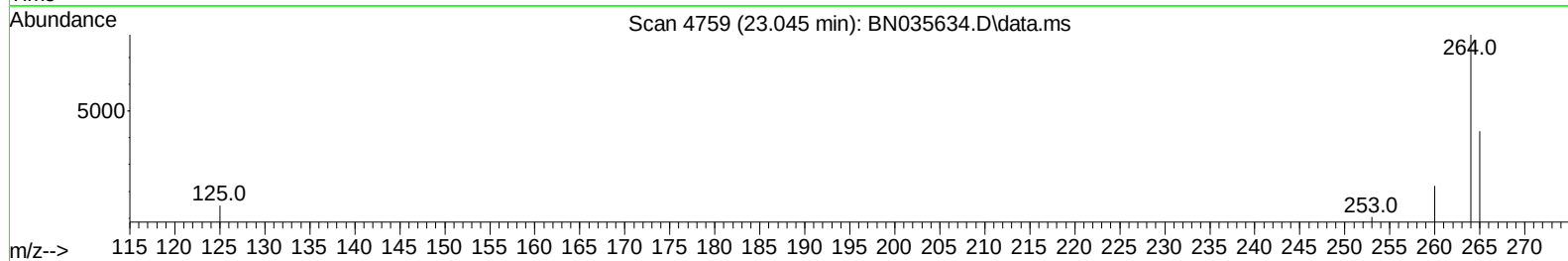
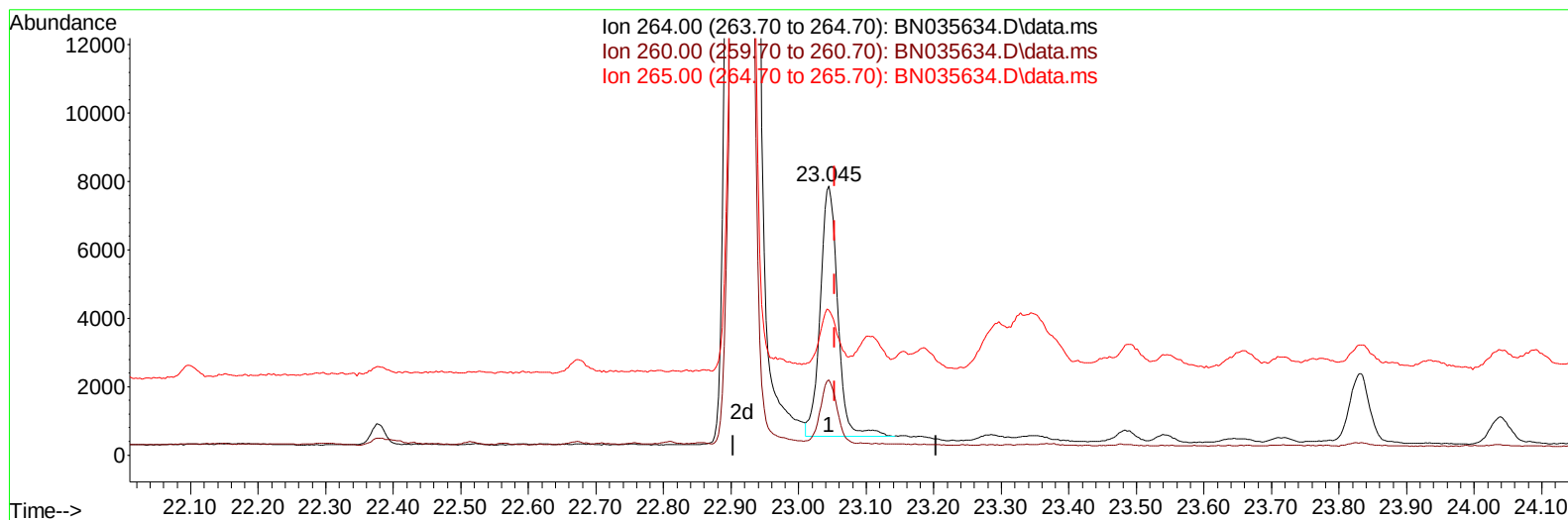
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
Data File : BN035634.D
Acq On : 17 Dec 2024 02:00
Operator : RC/JU
Sample : P5232-10
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TIC: BN035634.D\data.ms

(23) Perylene-d12 (I)

23.045min (-0.009) 0.40 ng/u1

response 13246

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	27.40	27.91
265.00	62.10	53.93
0.00	0.00	0.00

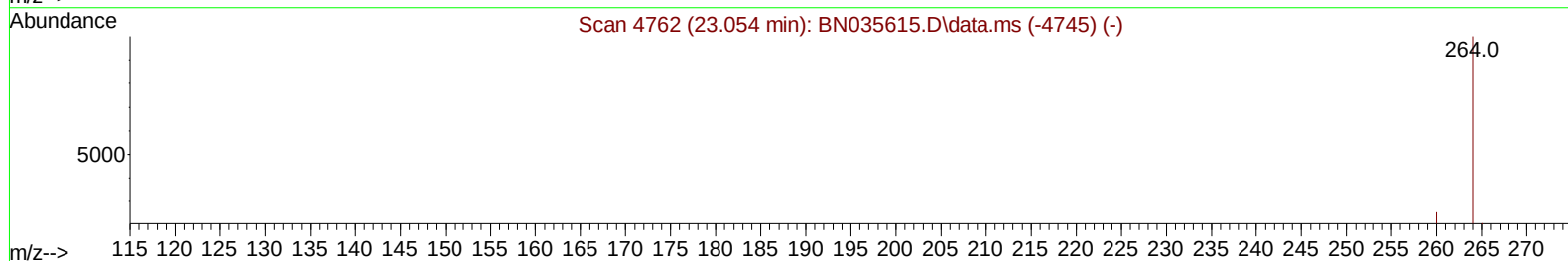
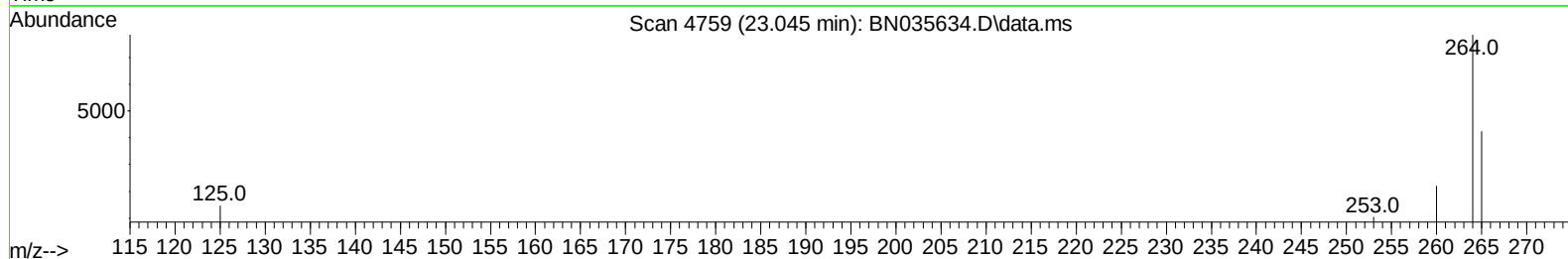
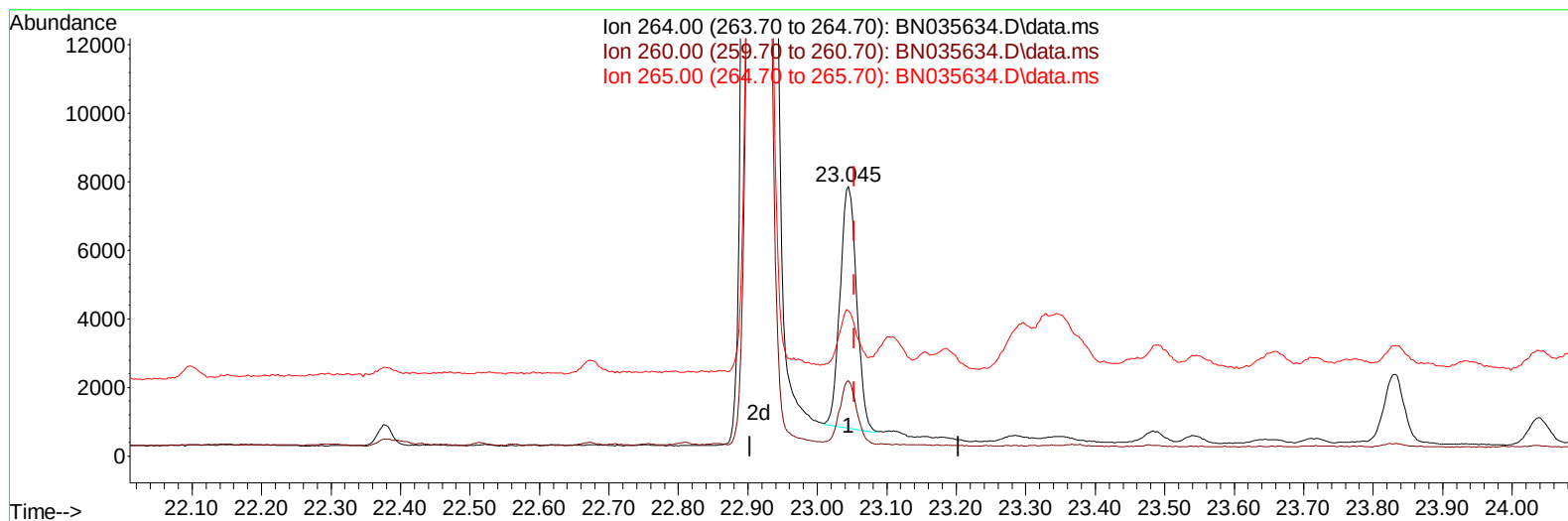
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
Data File : BN035634.D
Acq On : 17 Dec 2024 02:00
Operator : RC/JU
Sample : P5232-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28S4

Manual IntegrationsAPPROVED

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TIC: BN035634.D\data.ms

(23) Perylene-d12 (I)

23.045min (-0.009) 0.40 ng/ul m

response 11702

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	27.40	27.91
265.00	62.10	53.93
0.00	0.00	0.00

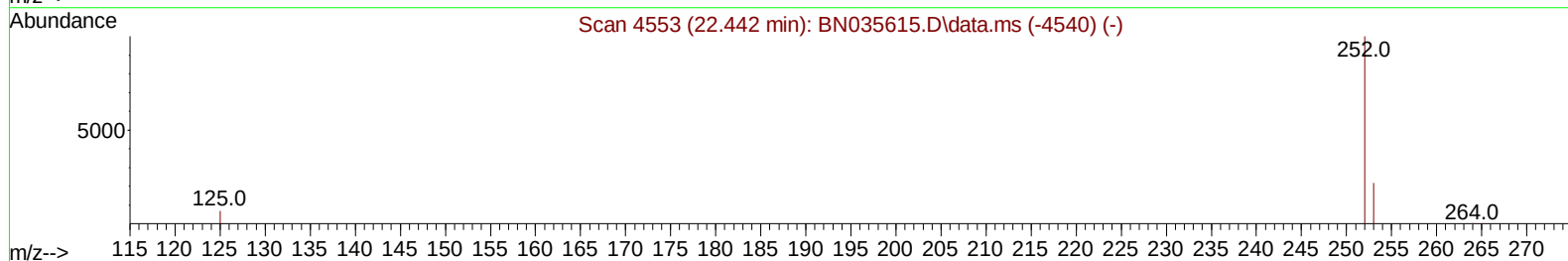
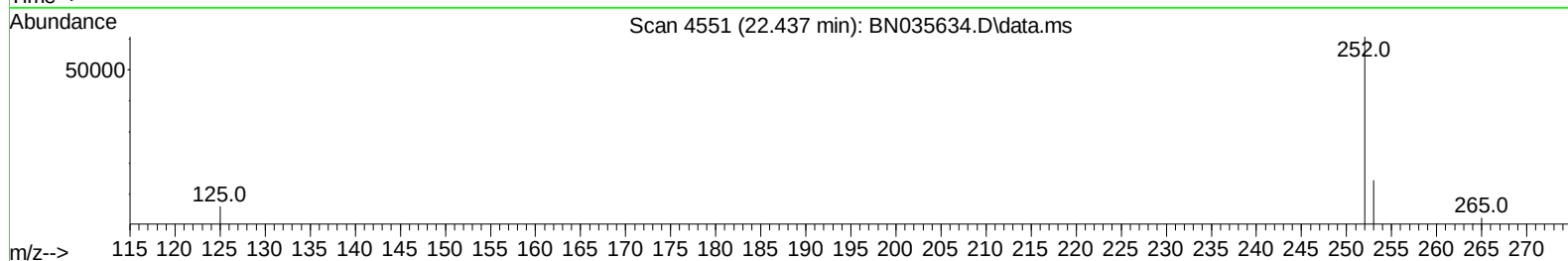
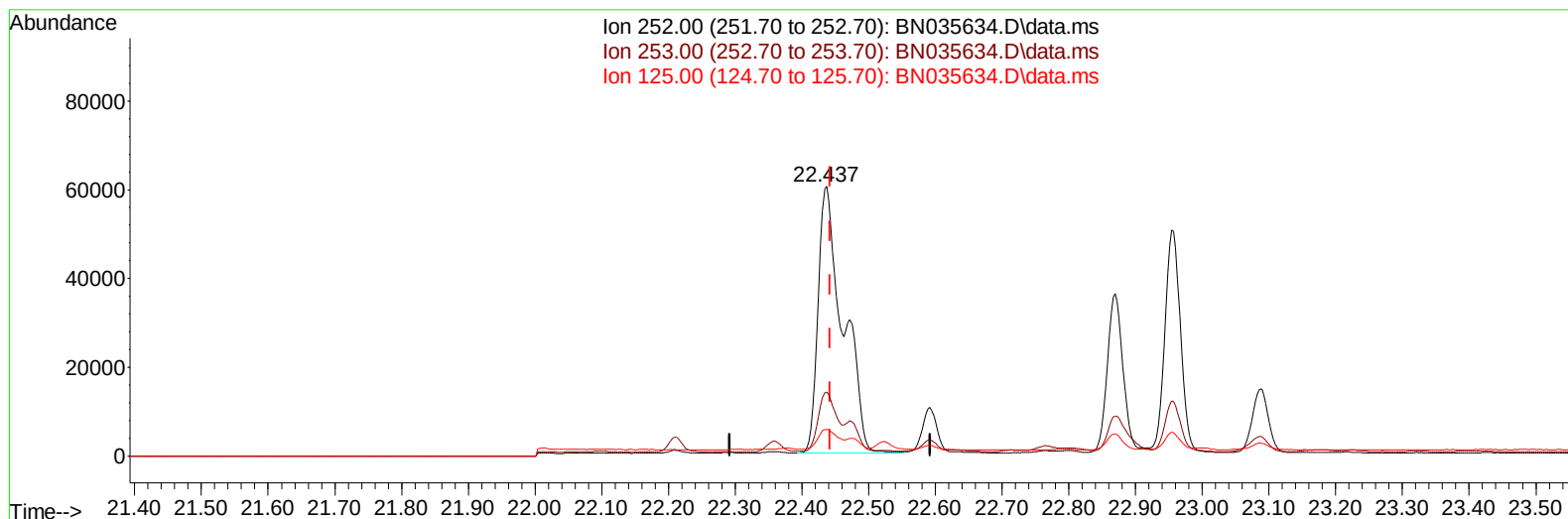
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Data File : BN035634.D
Acq On : 17 Dec 2024 02:00
Operator : RC/JU
Sample : P5232-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28S4

Manual IntegrationsAPPROVED

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TIC: BN035634.D\data.ms

(24) Benzo(b)fluoranthene

22.437min (-0.006) 4.49 ng/u l

response 154782

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.20	23.79
125.00	18.80	9.85
0.00	0.00	0.00

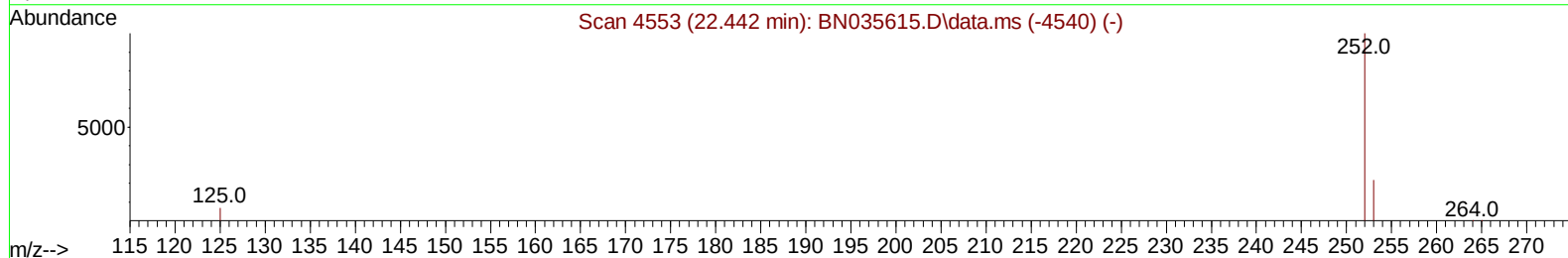
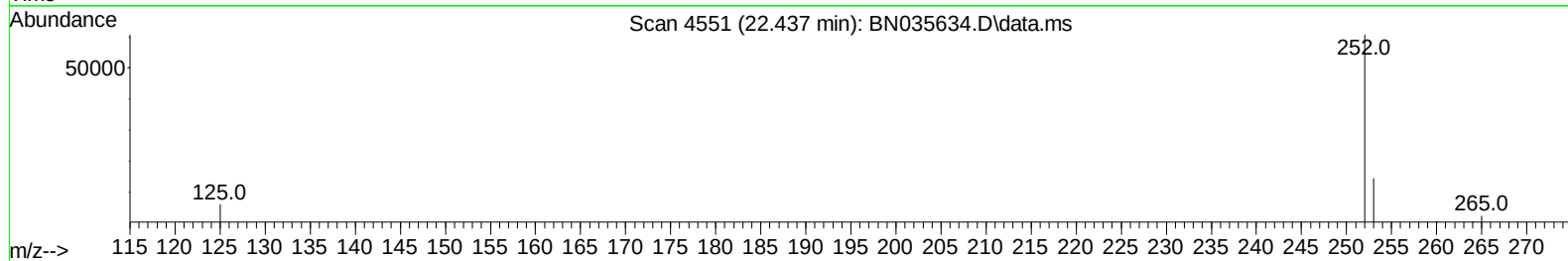
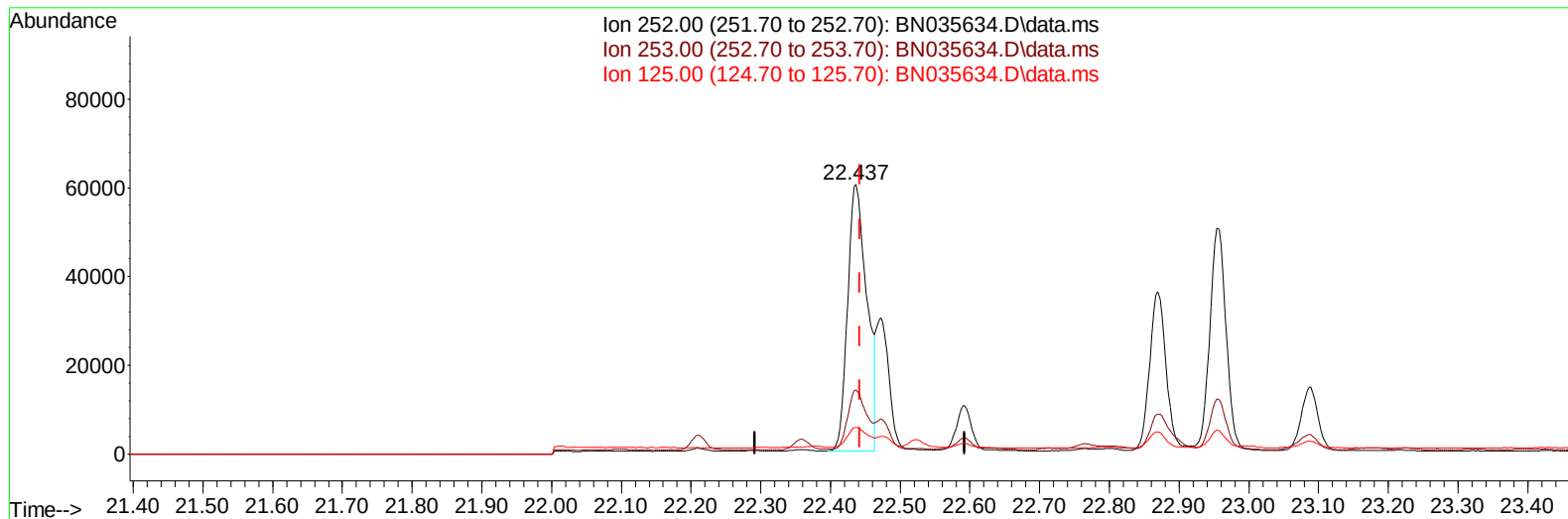
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Data File : BN035634.D
Acq On : 17 Dec 2024 02:00
Operator : RC/JU
Sample : P5232-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28S4

Manual IntegrationsAPPROVED

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Reviewed By :Yogesh Patel 12/18/2024
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TIC: BN035634.D\data.ms

(24) Benzo(b)fluoranthene

22.437min (-0.006) 3.38 ng/u1 m

response 116573

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	28.20	23.79
125.00	18.80	9.85
0.00	0.00	0.00

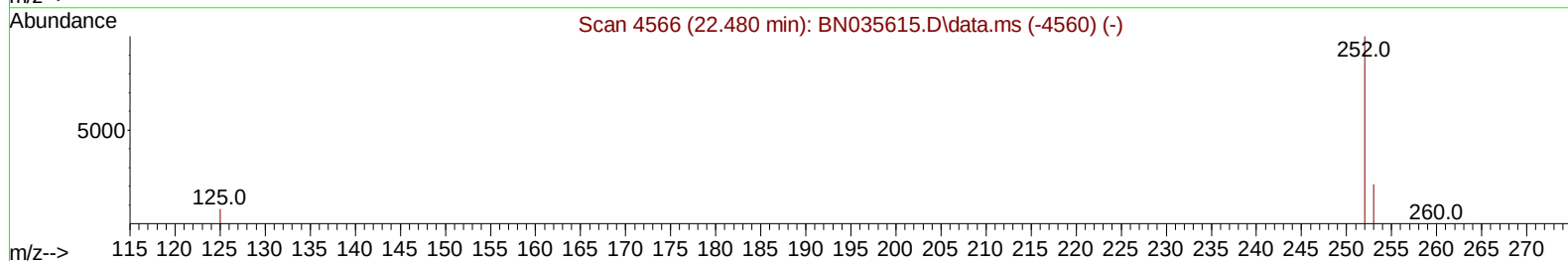
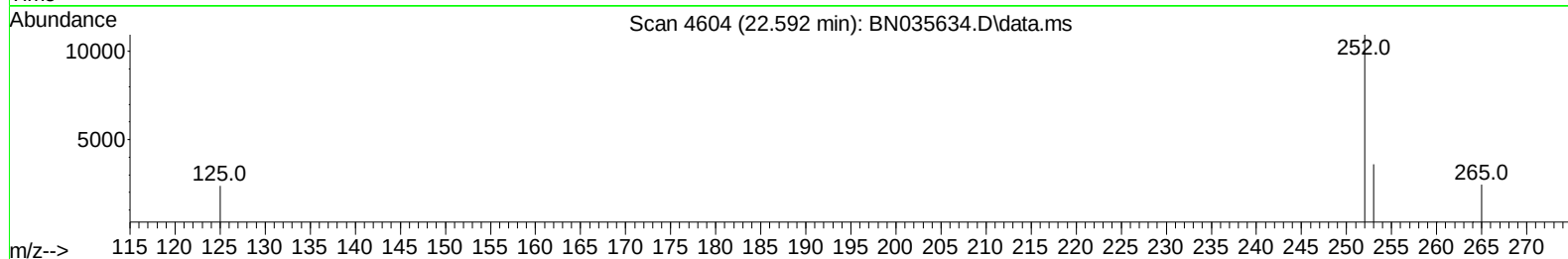
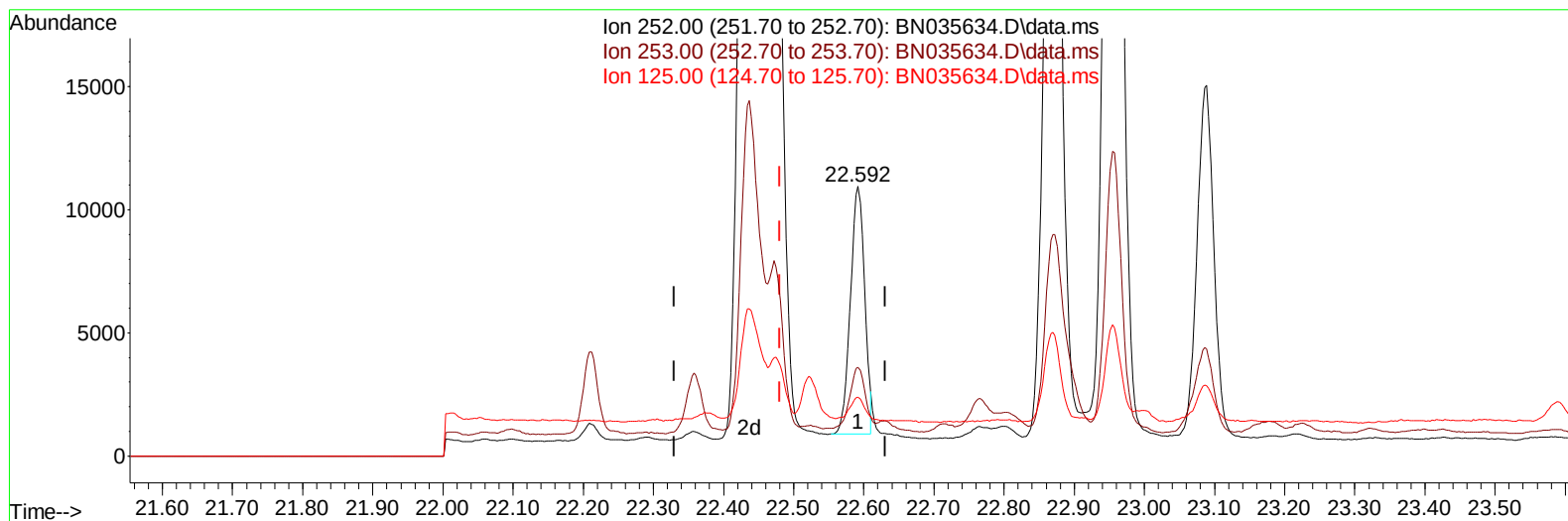
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
Data File : BN035634.D
Acq On : 17 Dec 2024 02:00
Operator : RC/JU
Sample : P5232-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28S4

Manual IntegrationsAPPROVED

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TIC: BN035634.D\data.ms

(25) Benzo(k)fluoranthene

22.592min (+ 0.111) 0.37 ng/u1

response 14190

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.60	32.97
125.00	19.10	21.77
0.00	0.00	0.00

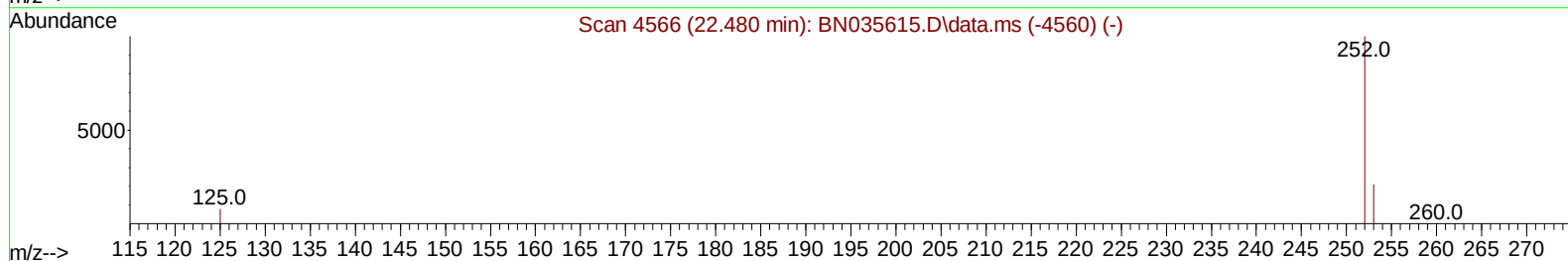
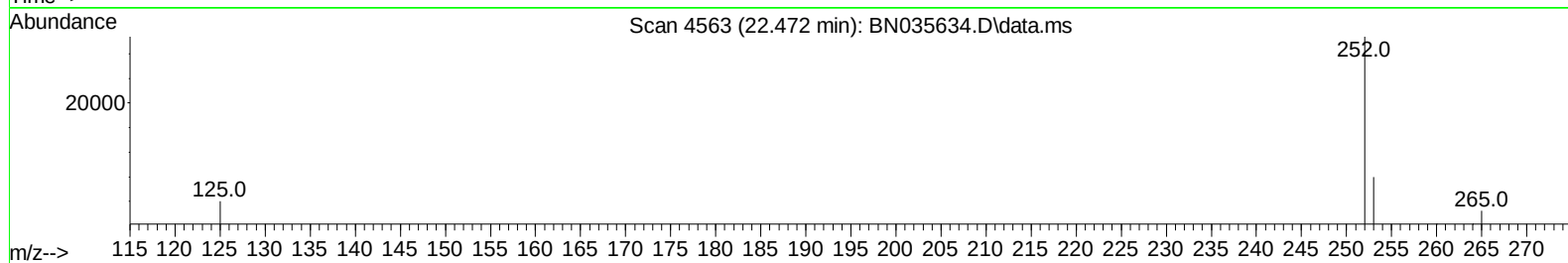
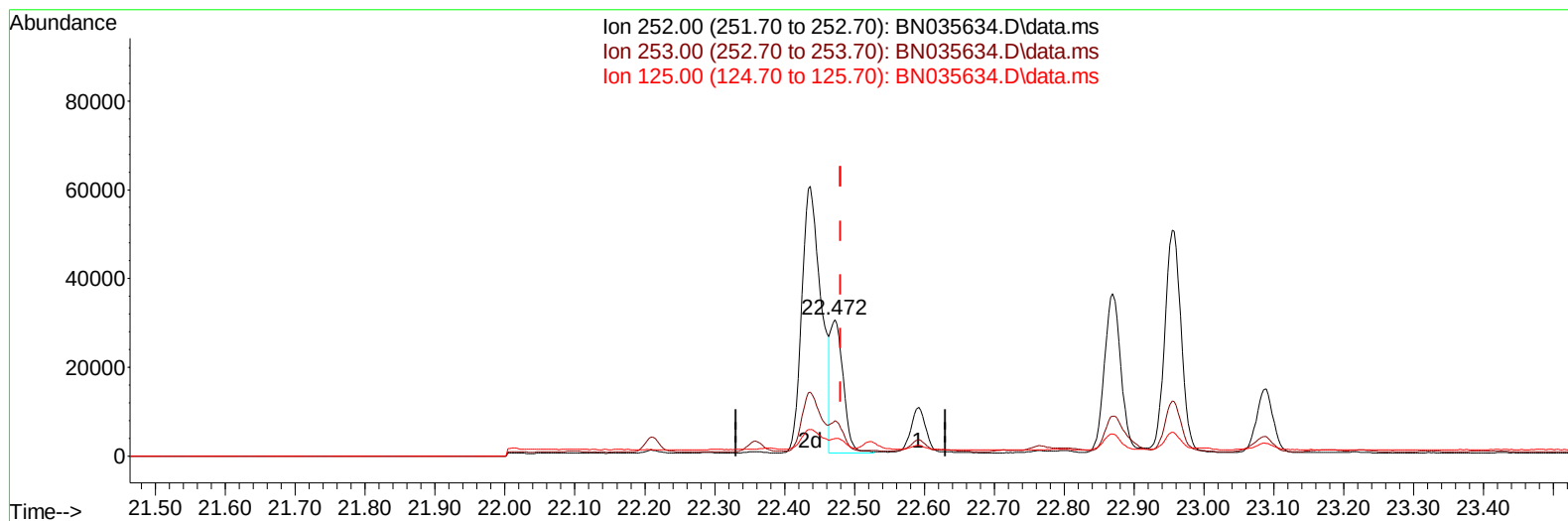
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121624\
Data File : BN035634.D
Acq On : 17 Dec 2024 02:00
Operator : RC/JU
Sample : P5232-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E28S4

Manual IntegrationsAPPROVED

Quant Time: Dec 17 02:41:47 2024
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TIC: BN035634.D\data.ms

(25) Benzo(k)fluoranthene

22.472min (-0.009) 1.01 ng/u1 m

response 38346

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	27.60	25.75
125.00	19.10	12.99#
0.00	0.00	0.00

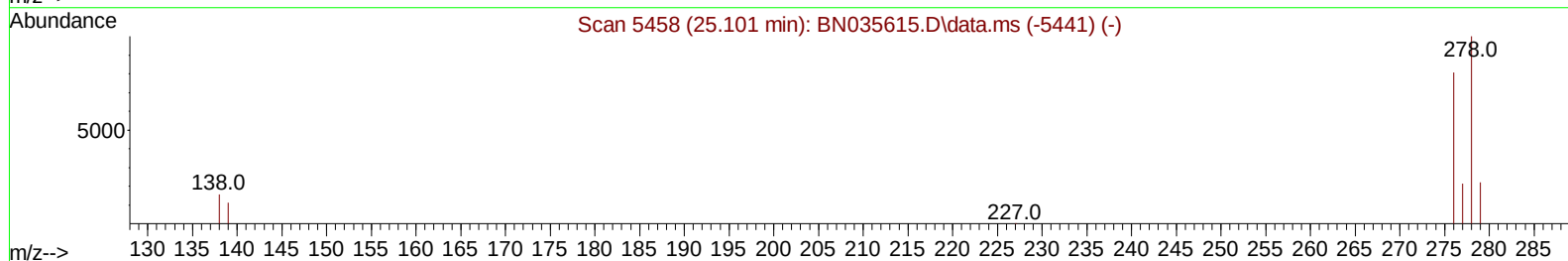
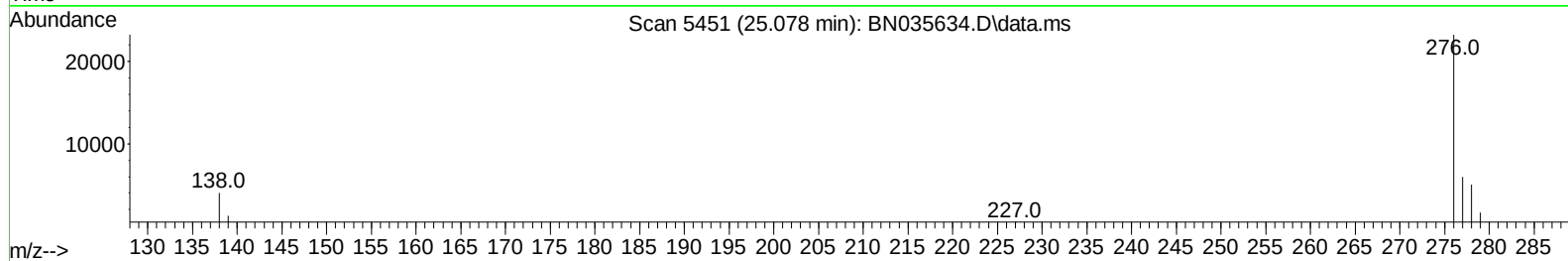
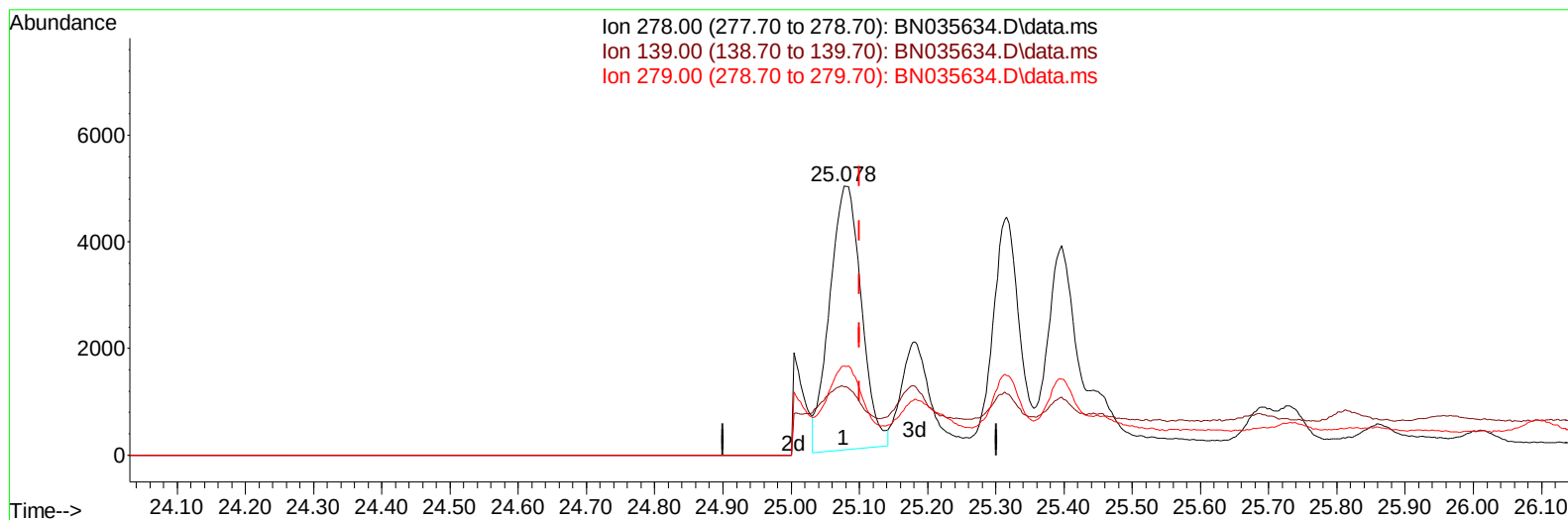
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ALS Vial : 24 Sample Multiplier: 1

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TIC: BN035634.D\data.ms

(28) Dibenzo(a,h)anthracene

25.078min (-0.023) 0.52 ng/u1

response 16079

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	24.80	25.46
279.00	30.00	33.19
0.00	0.00	0.00

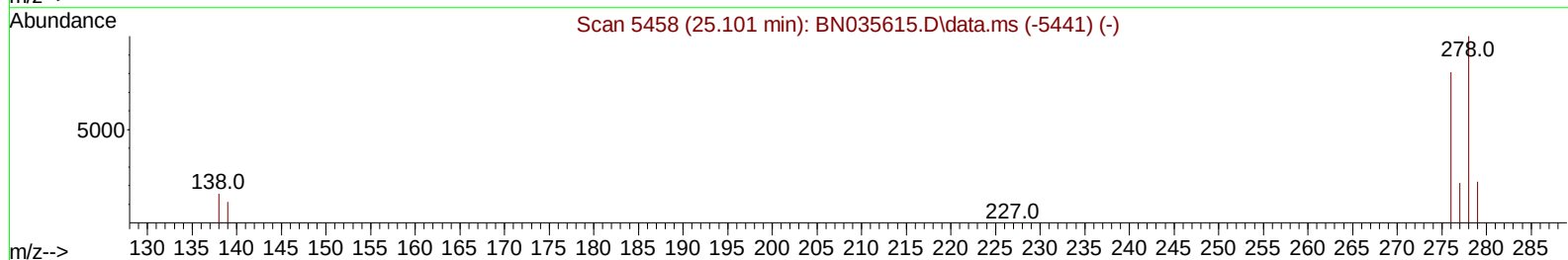
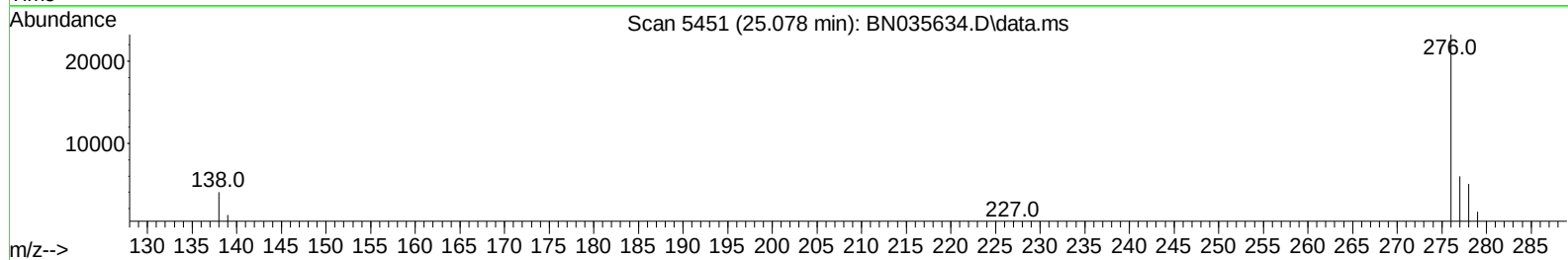
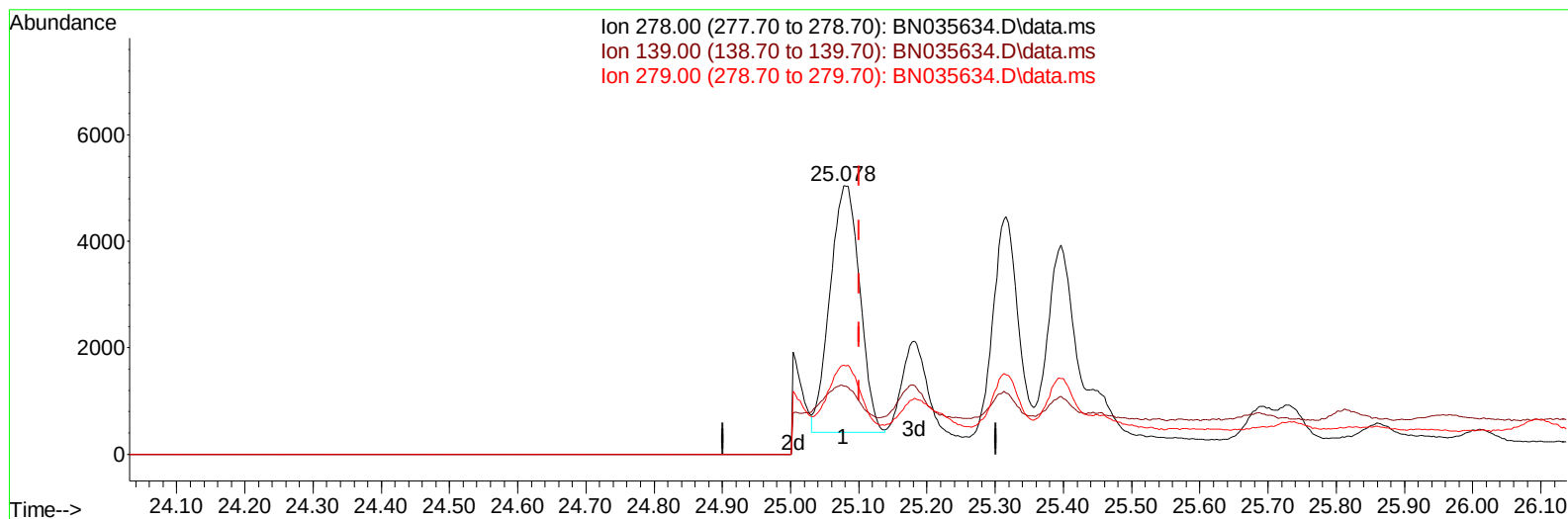
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Data File : BN035634.D
Acq On : 17 Dec 2024 02:00
Operator : RC/JU
Sample : P5232-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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TIC: BN035634.D\data.ms

(28) Dibenzo(a,h)anthracene

25.078min (-0.023) 0.45 ng/ul m

response 14029

Ion	Exp%	Act%
278.00	100.00	100.00
139.00	24.80	25.46
279.00	30.00	33.19
0.00	0.00	0.00

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 ALS Vial : 24 Sample Multiplier: 1

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.284	152	2638	0.400	ng/ul	0.00
4) Naphthalene-d8	10.031	136	7908	0.400	ng/ul	0.00
9) Acenaphthene-d10	13.944	164	5668	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.713	188	12688	0.400	ng/ul	0.00
17) Chrysene-d12	20.959	240	11206	0.400	ng/ul	0.00
23) Perylene-d12	23.045	264	11702m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.955	96	5839	2.496	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.631	152	2161	0.192	ng/ul	0.00
18) Fluoranthene-d10	18.768	212	5765	0.176	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.075	128	3476m	0.179	ng/ul	
7) 2-Methylnaphthalene	11.708	142	2859	0.219	ng/ul	99
8) 1-Methylnaphthalene	11.934	142	2402	0.178	ng/ul	98
10) Acenaphthylene	13.657	152	2422	0.110	ng/ul#	87
11) Acenaphthene	14.009	153	4340	0.261	ng/ul	100
12) Fluorene	15.013	166	3683	0.191	ng/ul#	99
15) Phenanthrene	16.755	178	93174	2.934	ng/ul	98
16) Anthracene	16.848	178	19975	0.673	ng/ul	99
19) Fluoranthene	18.796	202	197893	4.938	ng/ul	98
20) Pyrene	19.163	202	171248	3.879	ng/ul	99
21) Benzo(a)anthracene	20.944	228	83475	2.246	ng/ul	99
22) Chrysene	20.994	228	81652	2.117	ng/ul	98
24) Benzo(b)fluoranthene	22.437	252	116573m	3.380	ng/ul	
25) Benzo(k)fluoranthene	22.472	252	38346m	1.005	ng/ul	
26) Benzo(a)pyrene	22.954	252	81584	2.443	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	25.071	276	65697	1.616	ng/ul#	66
28) Dibenzo(a,h)anthracene	25.078	278	14029m	0.452	ng/ul	
29) Benzo(g,h,i)perylene	25.688	276	64160	1.966	ng/ul#	92

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

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