

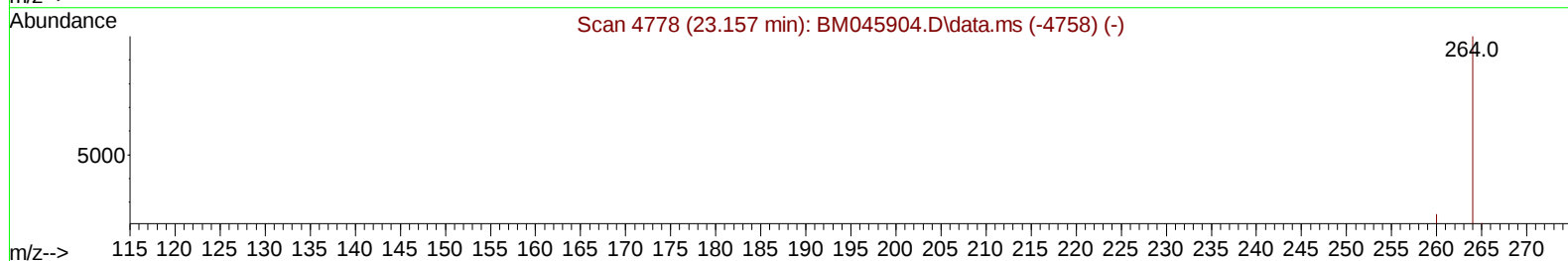
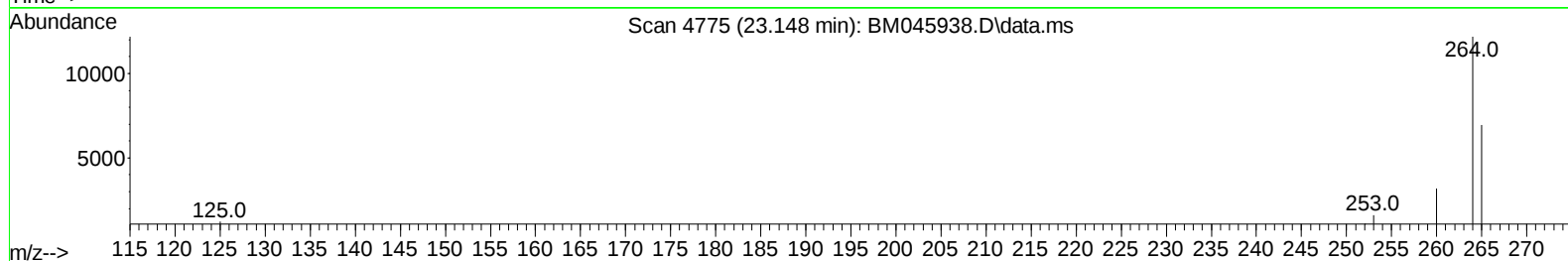
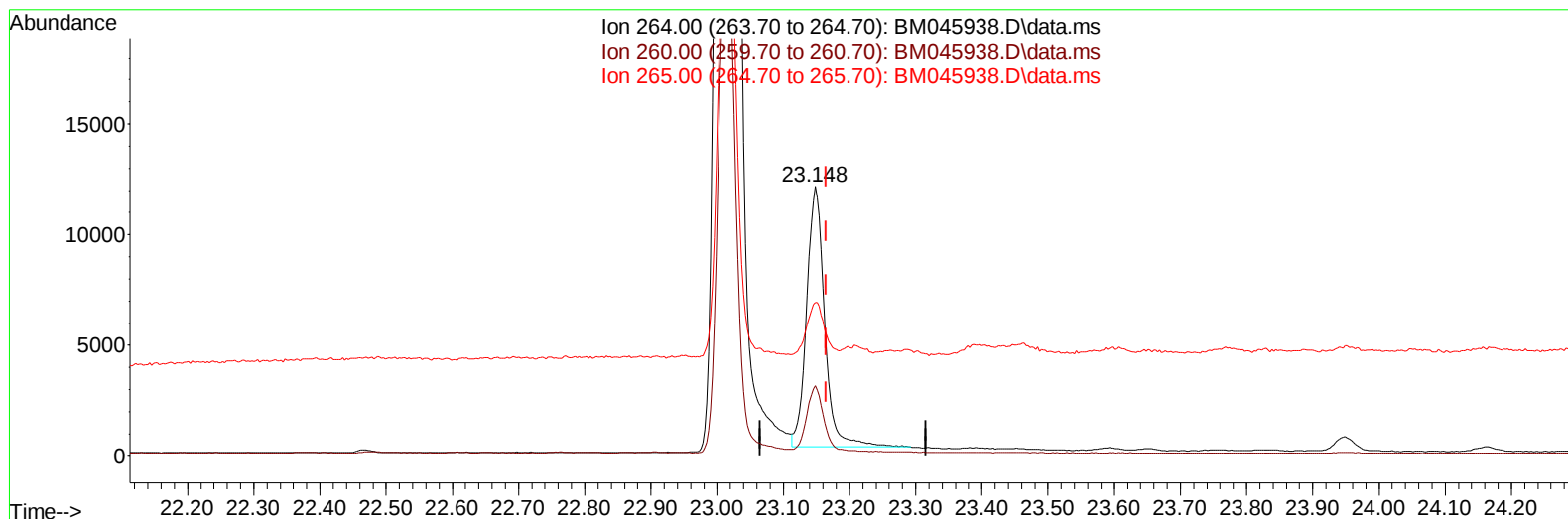
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045938.D
Acq On : 09 Jun 2024 05:00
Operator : MA/JU
Sample : P2640-21DL 5X
Misc :
ALS Vial : 67 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C25DL

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:32:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM060624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 07 22:59:16 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/10/2024
Supervised By :mohammad ahmed 06/13/2024



TIC: BM045938.D\data.ms

(23) Perylene-d12 (I)

23.148min (-0.018) 0.40 ng/u1

response 21935

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.70	26.06
265.00	76.60	56.97#
0.00	0.00	0.00

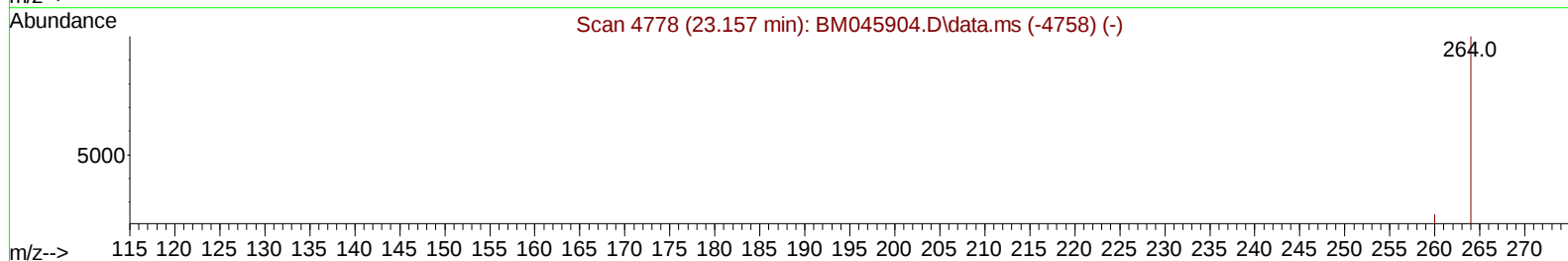
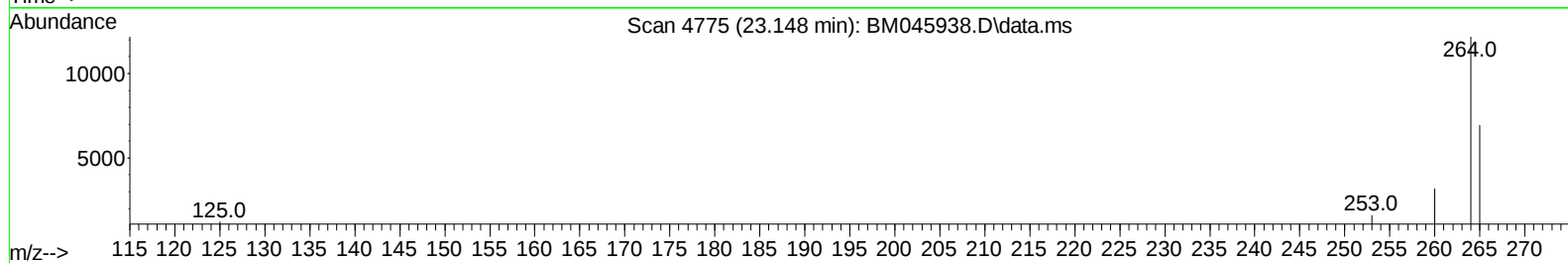
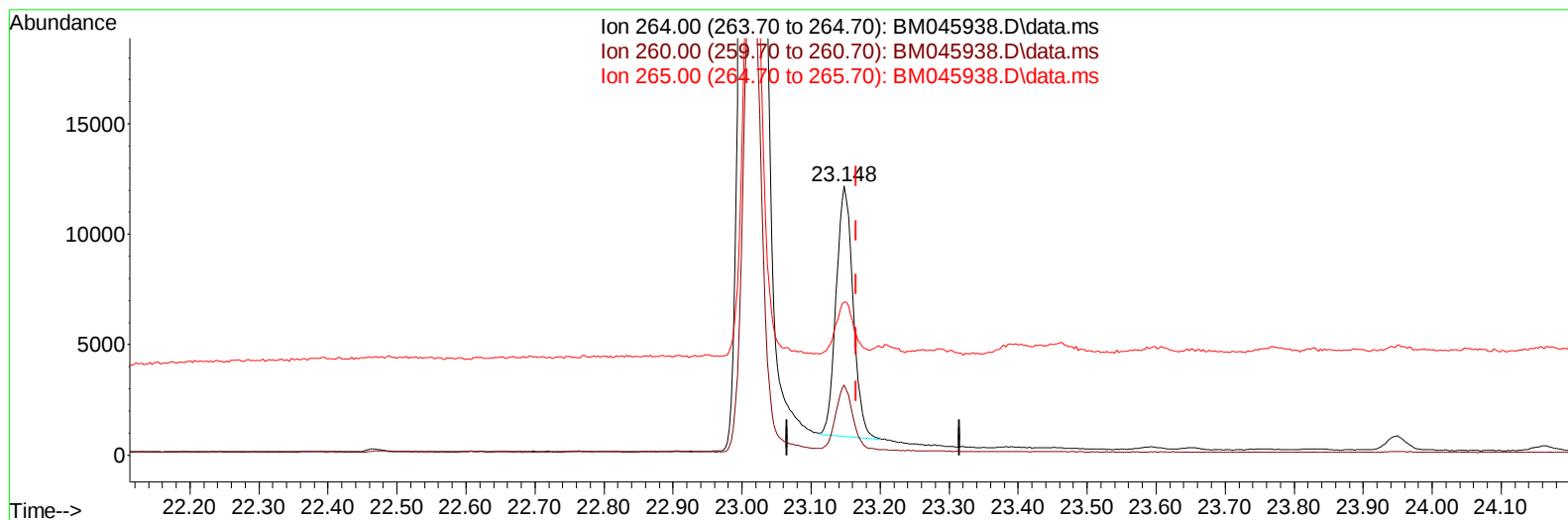
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ClientSampleId :
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Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 06/13/2024



TIC: BM045938.D\data.ms

(23) Perylene-d12 (I)

23.148min (-0.018) 0.40 ng/ul m

response 19211

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	25.70	26.06
265.00	76.60	56.97#
0.00	0.00	0.00

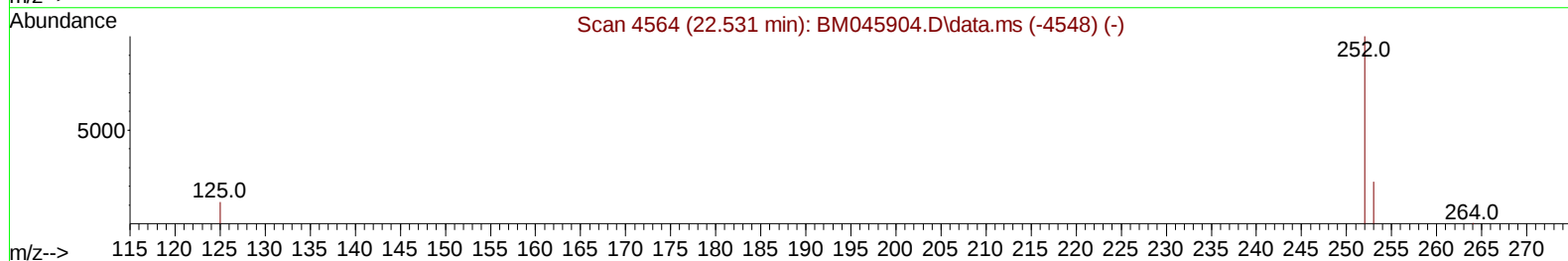
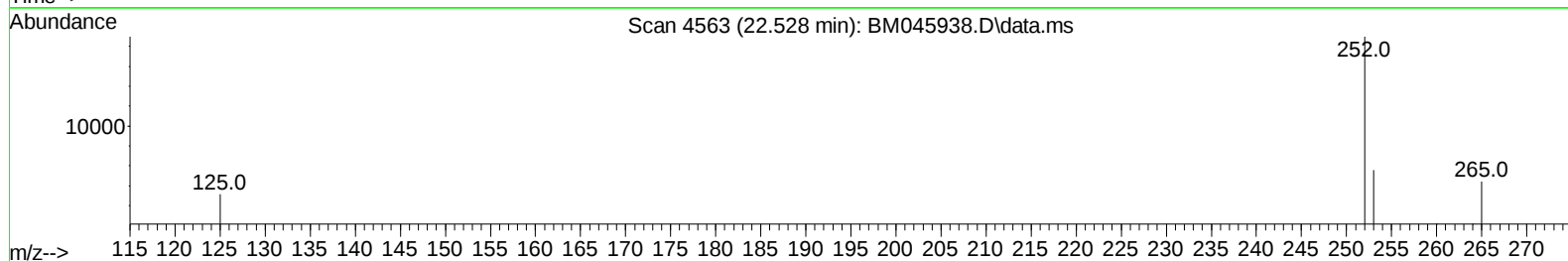
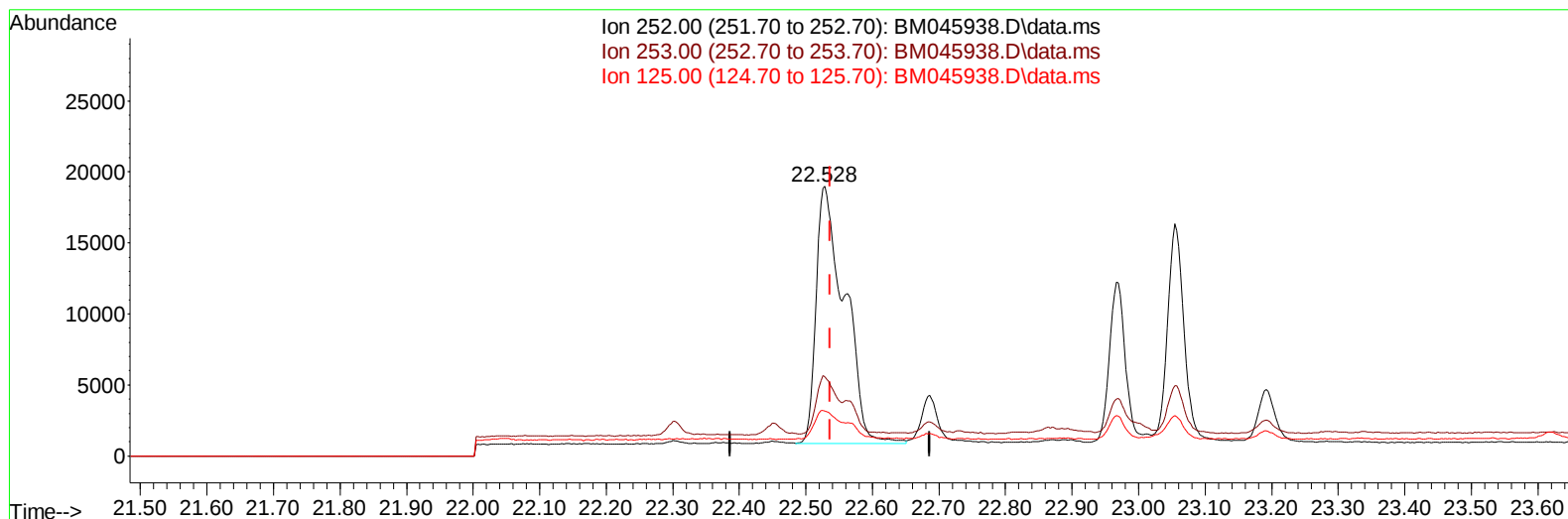
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Data File : BM045938.D
Acq On : 09 Jun 2024 05:00
Operator : MA/JU
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ALS Vial : 67 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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TIC: BM045938.D\data.ms

(24) Benzo(b)fluoranthene

22.528min (-0.009) 0.84 ng/u1

response 53213

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.80	29.29
125.00	17.90	16.74
0.00	0.00	0.00

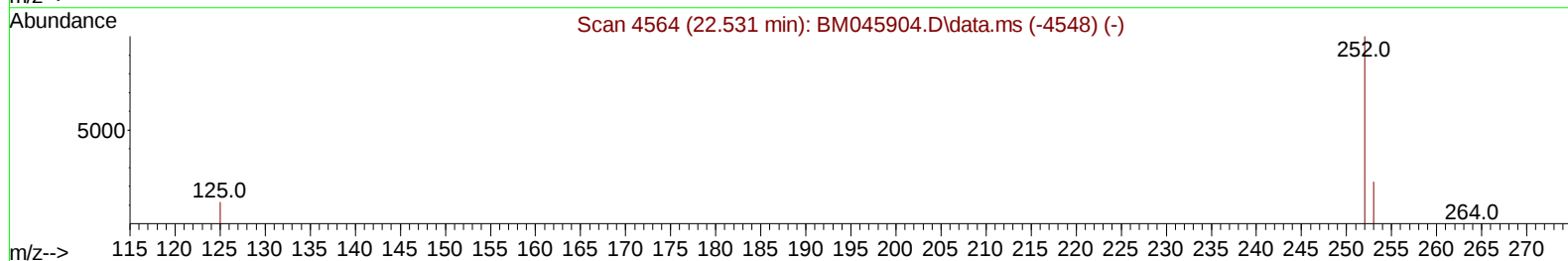
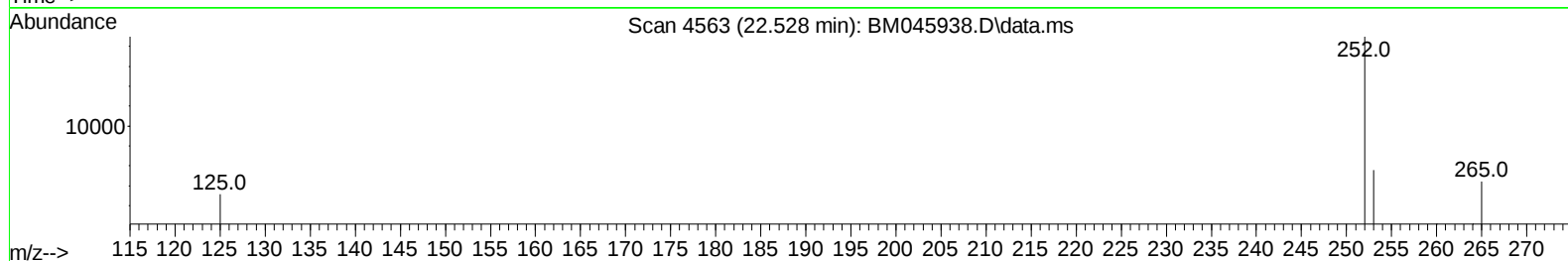
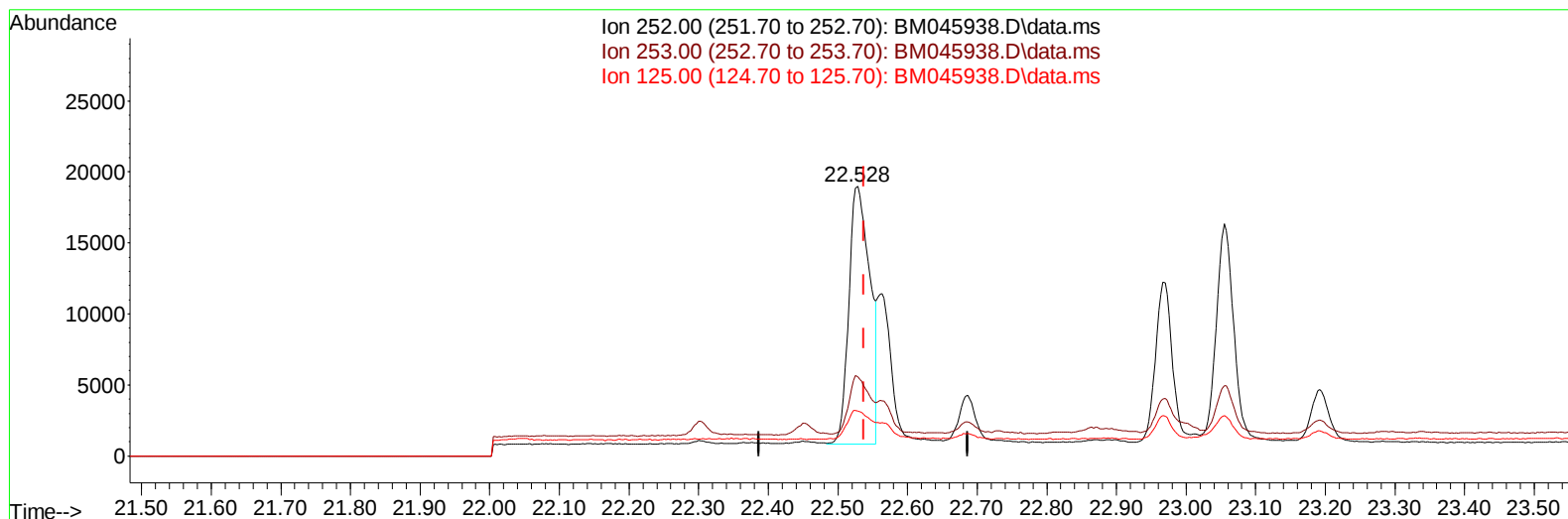
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045938.D
Acq On : 09 Jun 2024 05:00
Operator : MA/JU
Sample : P2640-21DL 5X
Misc :
ALS Vial : 67 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C25DL

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:32:08 2024
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TIC: BM045938.D\data.ms

(24) Benzo(b)fluoranthene

22.528min (-0.009) 0.60 ng/u1 m

response 38322

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.80	29.29
125.00	17.90	16.74
0.00	0.00	0.00

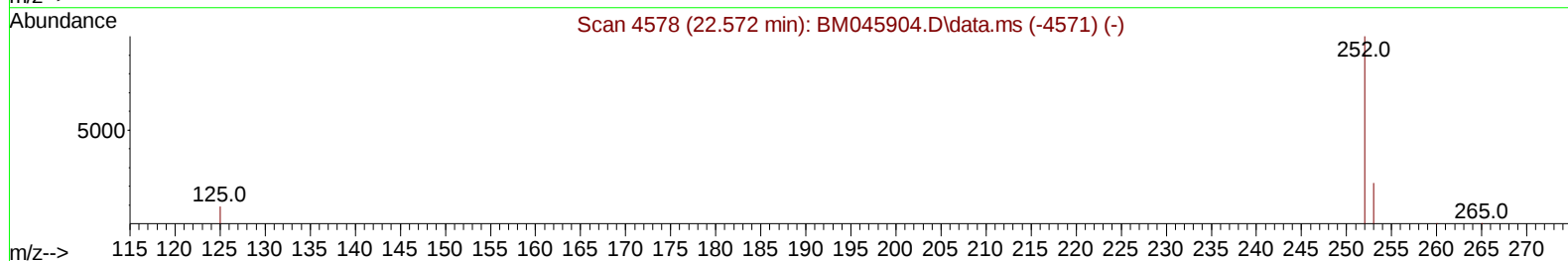
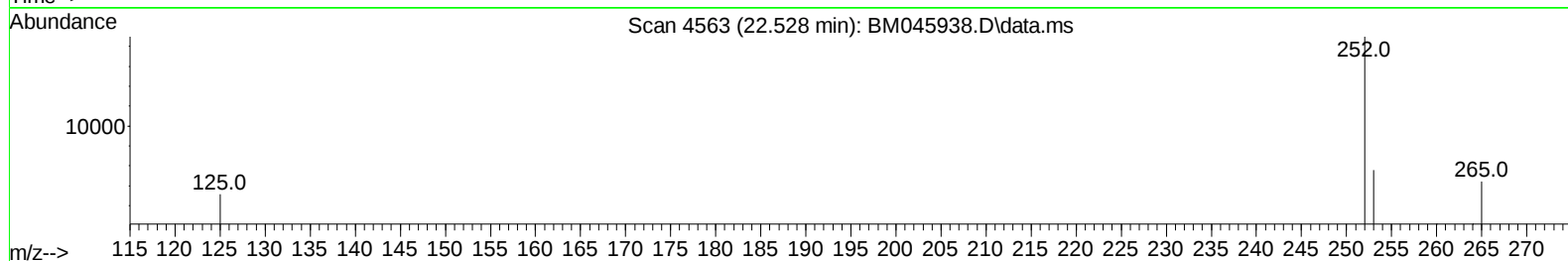
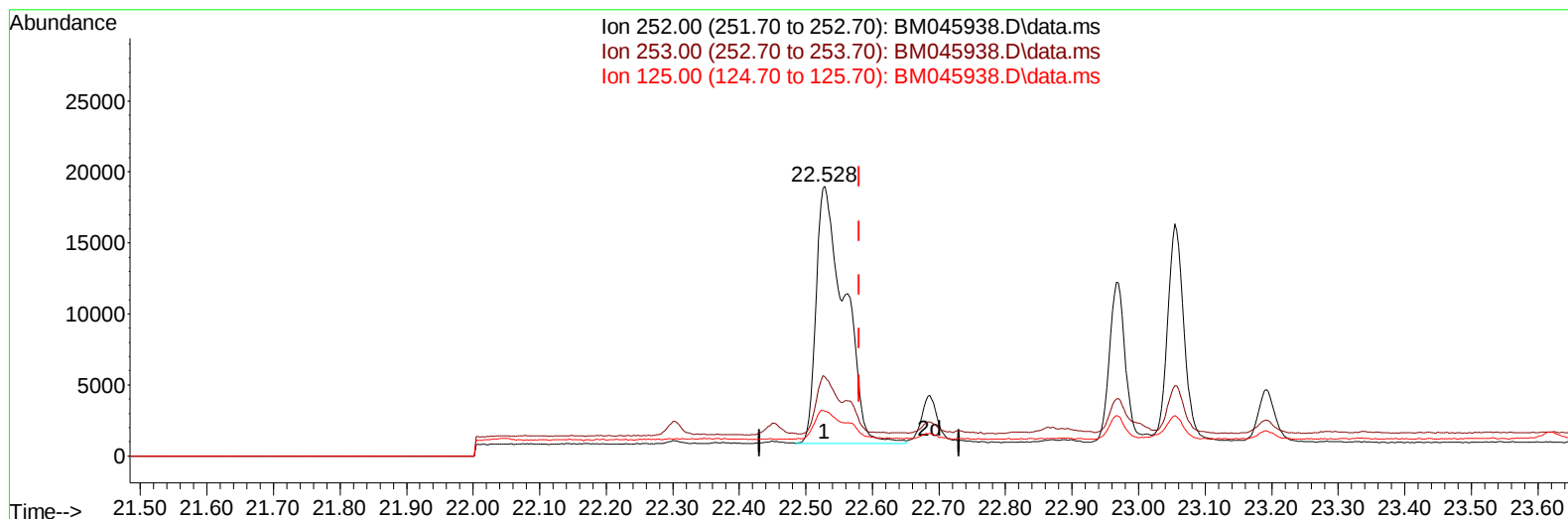
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Data File : BM045938.D
Acq On : 09 Jun 2024 05:00
Operator : MA/JU
Sample : P2640-21DL 5X
Misc :
ALS Vial : 67 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C25DL

Manual IntegrationsAPPROVED

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TIC: BM045938.D\data.ms

(25) Benzo(k)fluoranthene

22.528min (-0.053) 0.76 ng/u1

response 53213

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.30	29.29
125.00	17.70	16.74
0.00	0.00	0.00

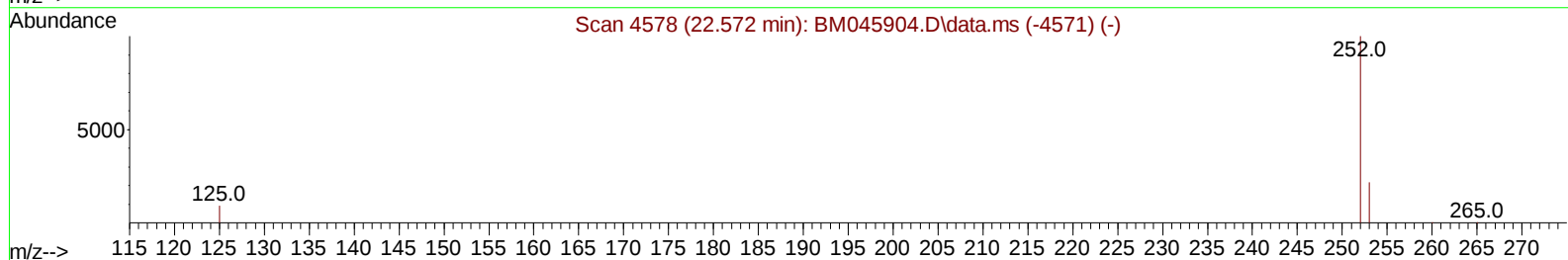
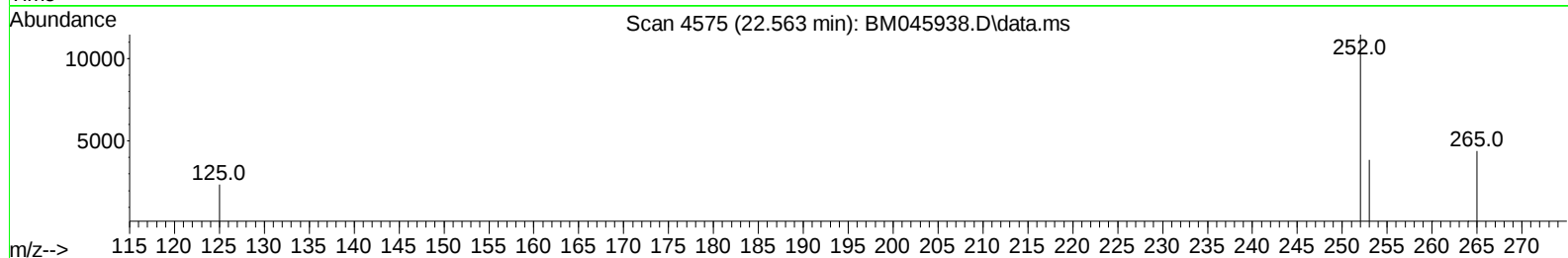
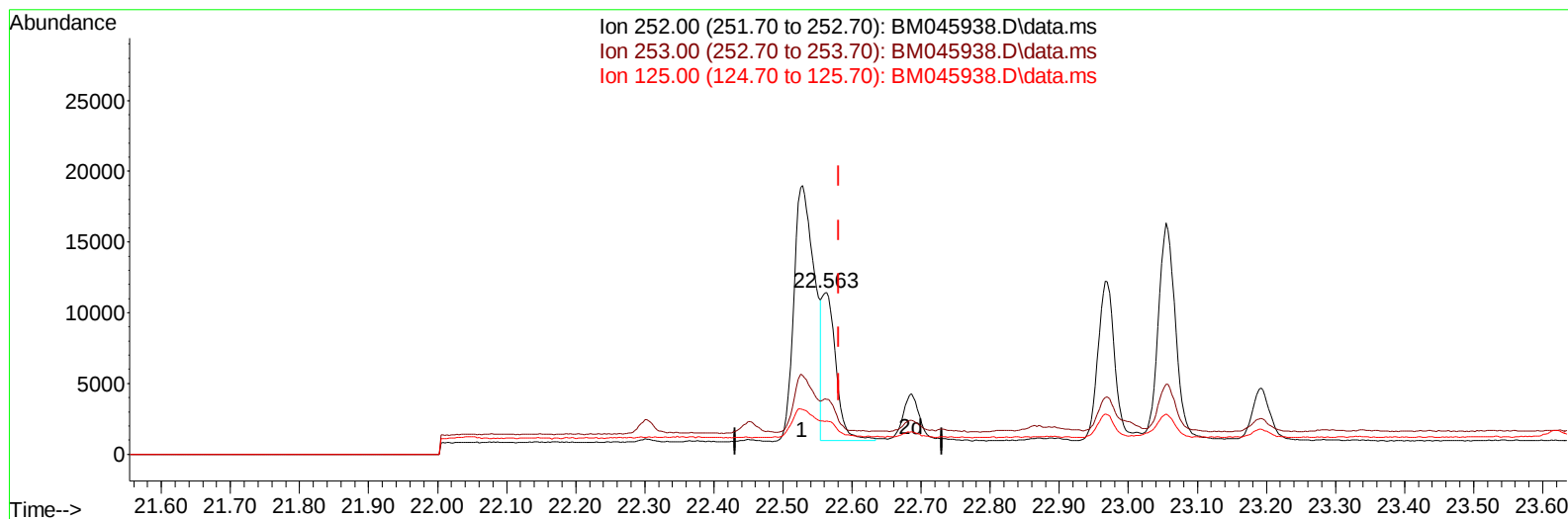
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
Data File : BM045938.D
Acq On : 09 Jun 2024 05:00
Operator : MA/JU
Sample : P2640-21DL 5X
Misc :
ALS Vial : 67 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C25DL

Manual IntegrationsAPPROVED

Quant Time: Jun 10 01:32:08 2024
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TIC: BM045938.D\data.ms

(25) Benzo(k)fluoranthene

22.563min (-0.018) 0.21 ng/u1 m

response 14420

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.30	33.89
125.00	17.70	20.63
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060724\
 Data File : BM045938.D
 Acq On : 09 Jun 2024 05:00
 Operator : MA/JU
 Sample : P2640-21DL 5X
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
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Manual IntegrationsAPPROVED

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.464	152	6110	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.242	136	19450	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.112	164	10610	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.853	188	20899	0.400	ng/ul	-0.01
17) Chrysene-d12	21.041	240	17303	0.400	ng/ul	-0.01
23) Perylene-d12	23.148	264	19211m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.063	96	4626	0.665	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	11.854	152	1085	0.039	ng/ul	0.00
18) Fluoranthene-d10	18.880	212	2388	0.046	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.286	128	4250	0.084	ng/ul#	94
7) 2-Methylnaphthalene	11.931	142	1199	0.037	ng/ul	100
8) 1-Methylnaphthalene	12.145	142	1051	0.030	ng/ul	98
10) Acenaphthylene	13.830	152	2409	0.050	ng/ul#	90
11) Acenaphthene	14.172	153	2952	0.083	ng/ul	98
12) Fluorene	15.162	166	3513	0.089	ng/ul	97
15) Phenanthrene	16.891	178	56795	0.968	ng/ul	100
16) Anthracene	16.984	178	11722	0.234	ng/ul#	95
19) Fluoranthene	18.913	202	74234	1.076	ng/ul	98
20) Pyrene	19.275	202	63156	0.877	ng/ul	96
21) Benzo(a)anthracene	21.026	228	29611	0.466	ng/ul	97
22) Chrysene	21.079	228	31328	0.453	ng/ul	98
24) Benzo(b)fluoranthene	22.528	252	38322m	0.601	ng/ul	
25) Benzo(k)fluoranthene	22.563	252	14420m	0.206	ng/ul	
26) Benzo(a)pyrene	23.054	252	26705	0.421	ng/ul	90
27) Indeno(1,2,3-cd)pyrene	25.212	276	19797	0.242	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.219	278	4592	0.070	ng/ul#	65
29) Benzo(g,h,i)perylene	25.843	276	19488	0.276	ng/ul	99

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

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