

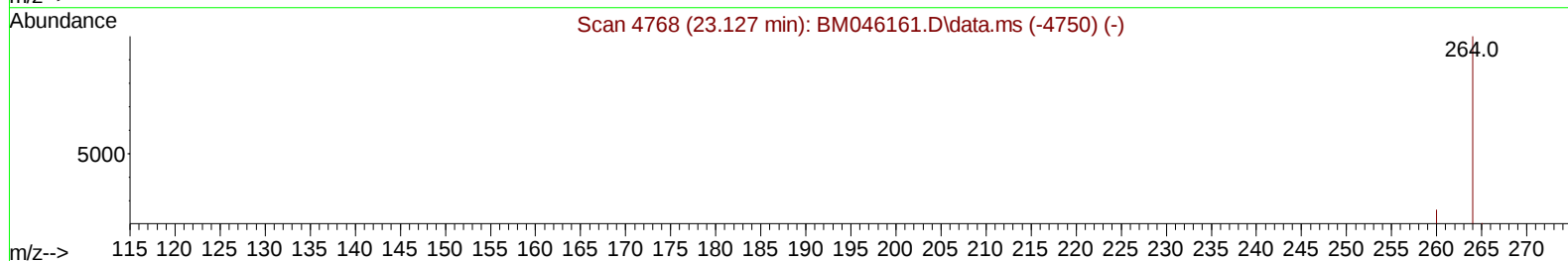
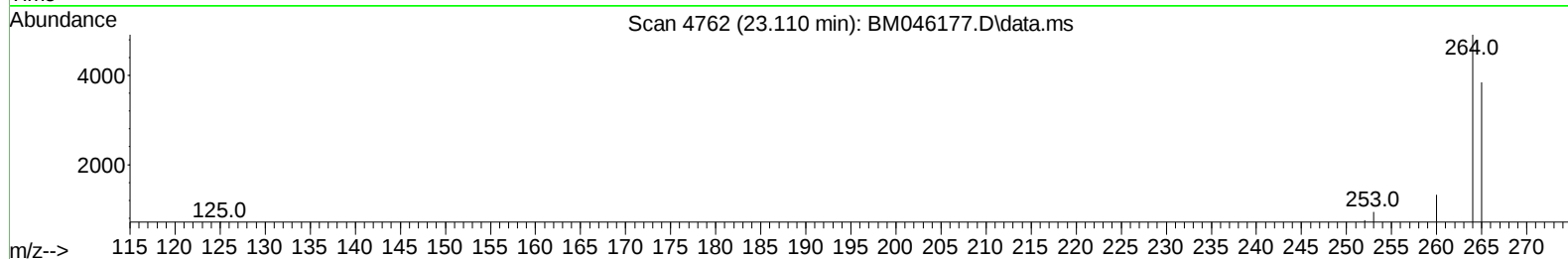
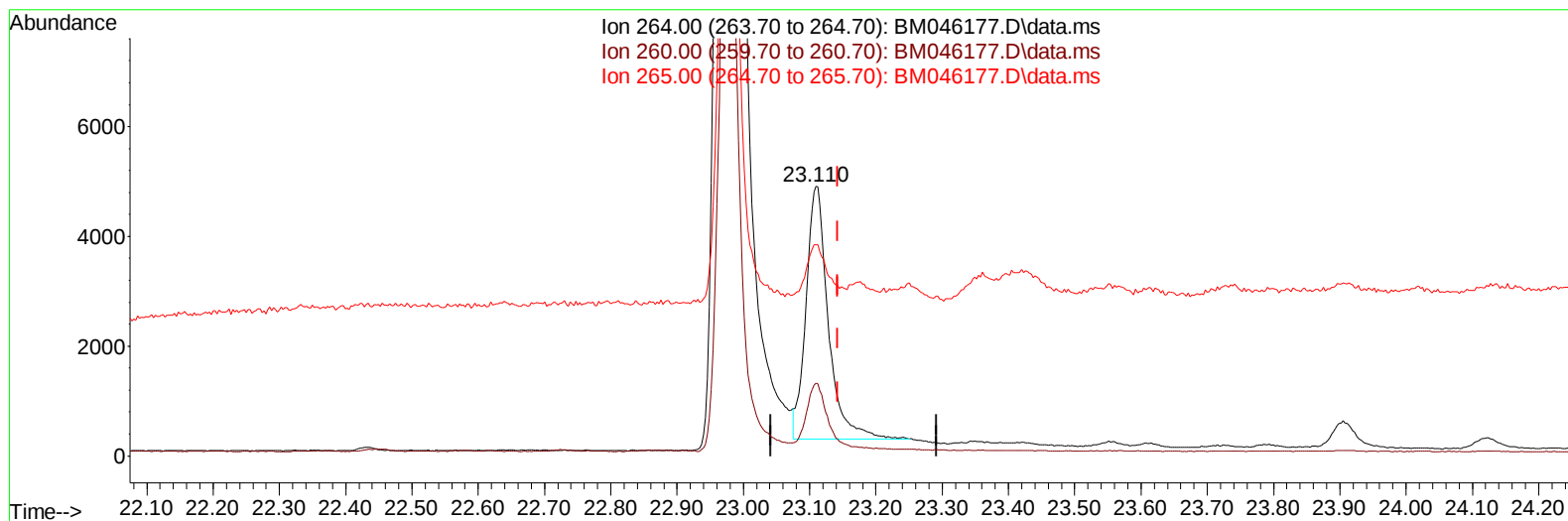
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046177.D
Acq On : 22 Jun 2024 02:16
Operator : MA/JU
Sample : P2710-12DL 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BM1DL

Manual IntegrationsAPPROVED

Quant Time: Jun 22 02:46:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 22 02:10:56 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/24/2024
Supervised By :mohammad ahmed 06/24/2024



TIC: BM046177.D\data.ms

(23) Perylene-d12 (I)

23.110min (-0.033) 0.40 ng/u1

response 10848

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	28.20	27.07
265.00	110.60	78.33#
0.00	0.00	0.00

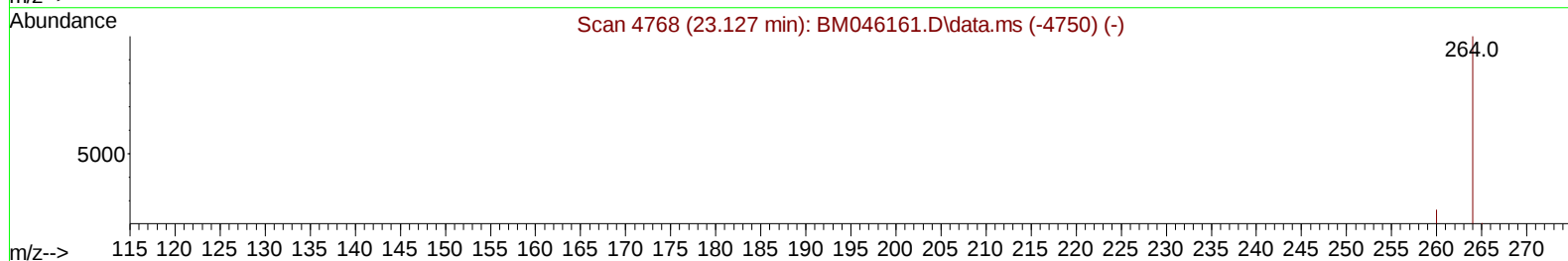
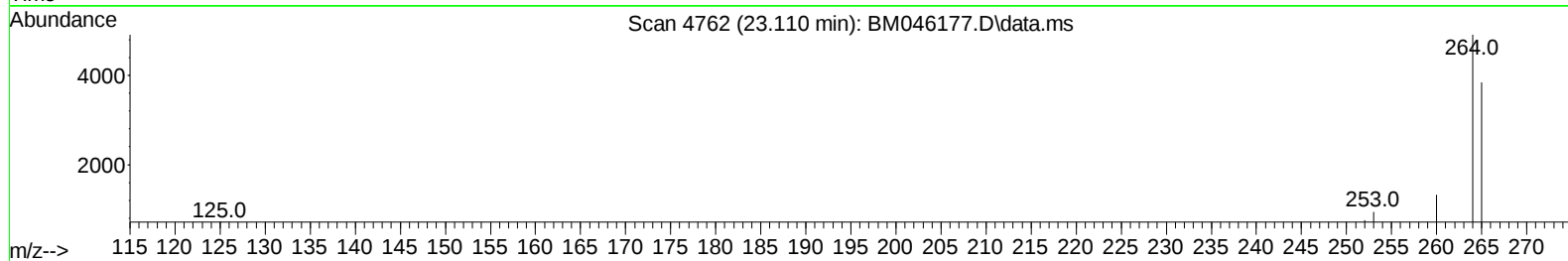
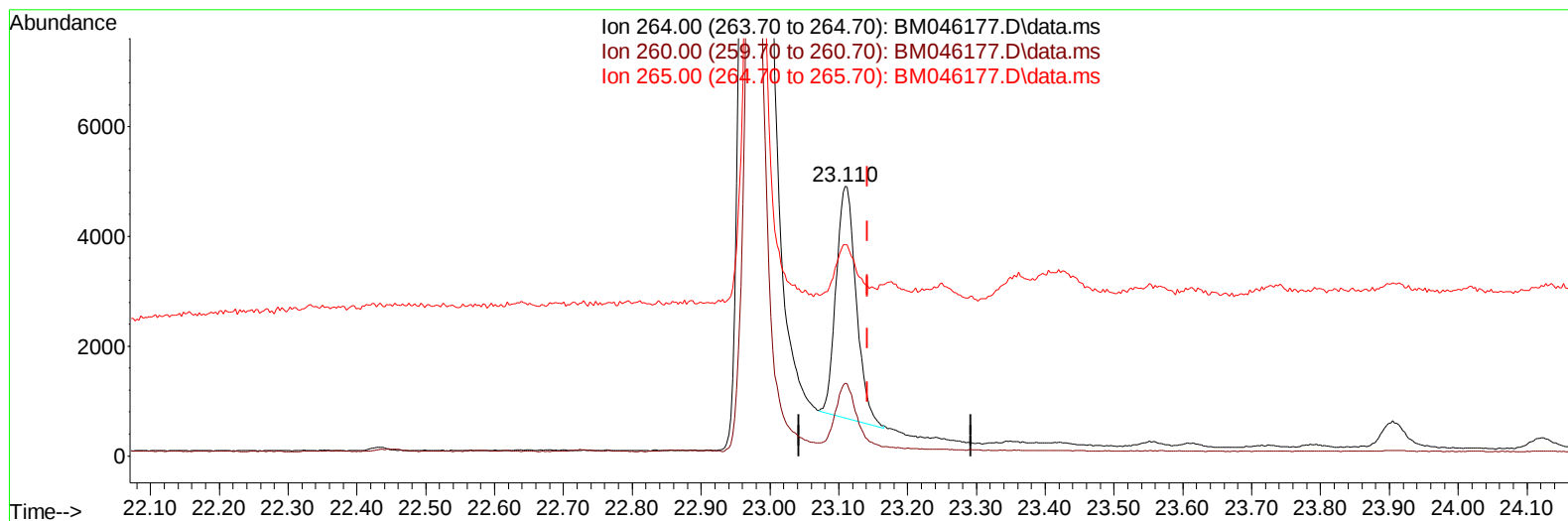
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TIC: BM046177.D\data.ms

(23) Perylene-d12 (I)

23.110min (-0.033) 0.40 ng/u1 m

response 8596

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	28.20	27.07
265.00	110.60	78.33#
0.00	0.00	0.00

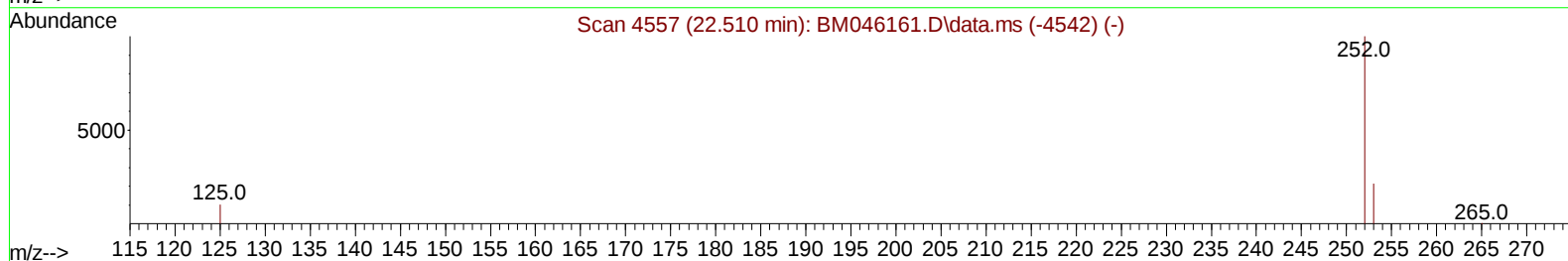
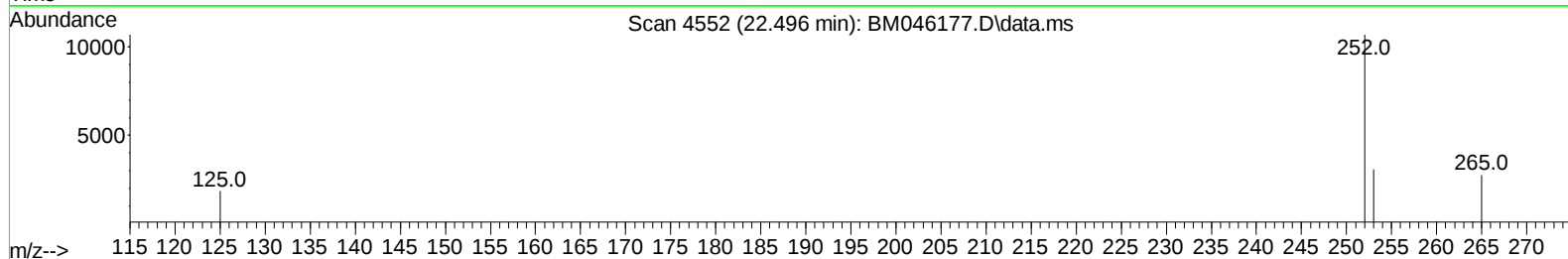
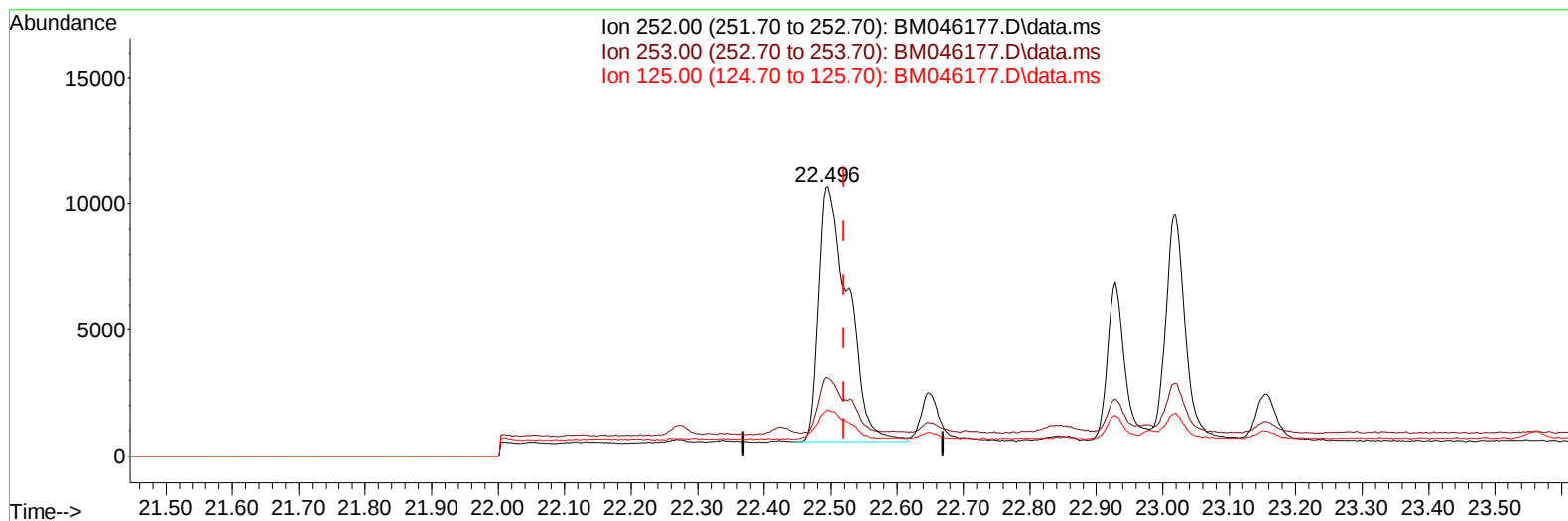
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ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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TIC: BM046177.D\data.ms

(24) Benzo(b)fluoranthene

22.496min (-0.024) 1.03 ng/u1

response 31763

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.90	28.89
125.00	20.10	17.15
0.00	0.00	0.00

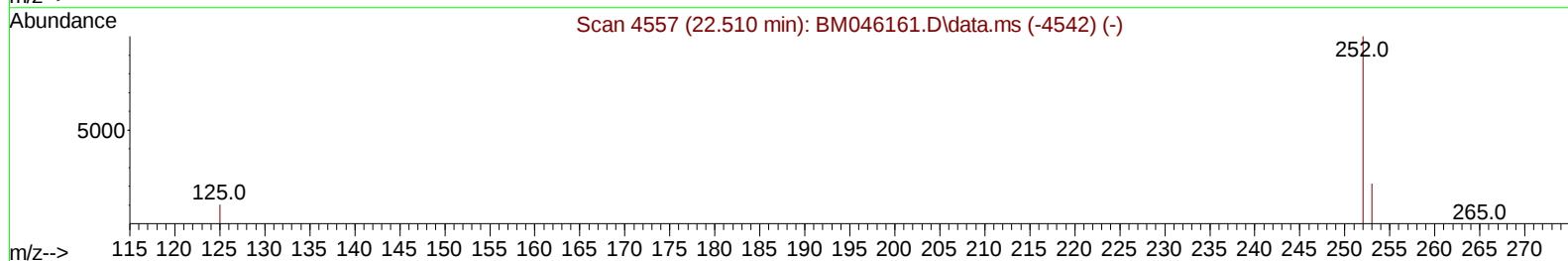
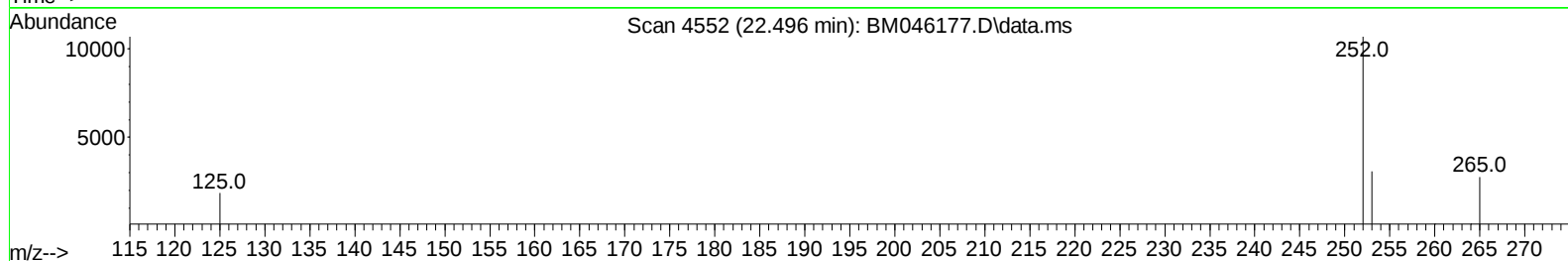
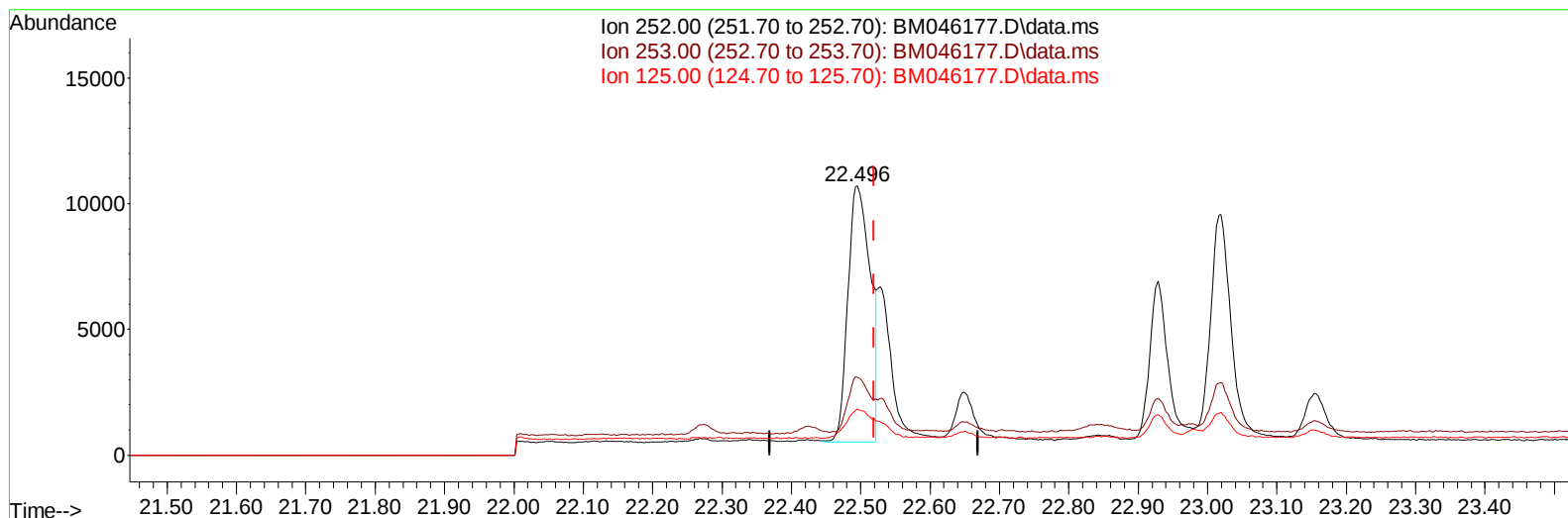
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Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BM1DL

Manual IntegrationsAPPROVED

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TIC: BM046177.D\data.ms

(24) Benzo(b)fluoranthene

22.496min (-0.024) 0.74 ng/u1 m

response 22958

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.90	28.89
125.00	20.10	17.15
0.00	0.00	0.00

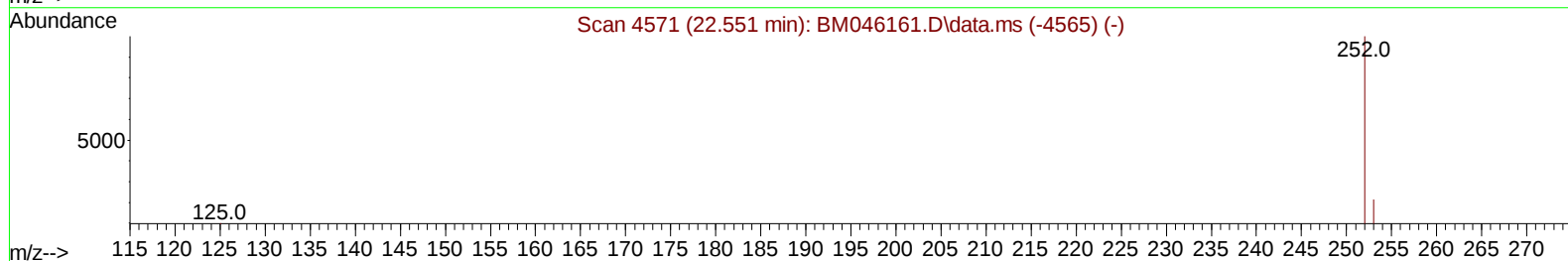
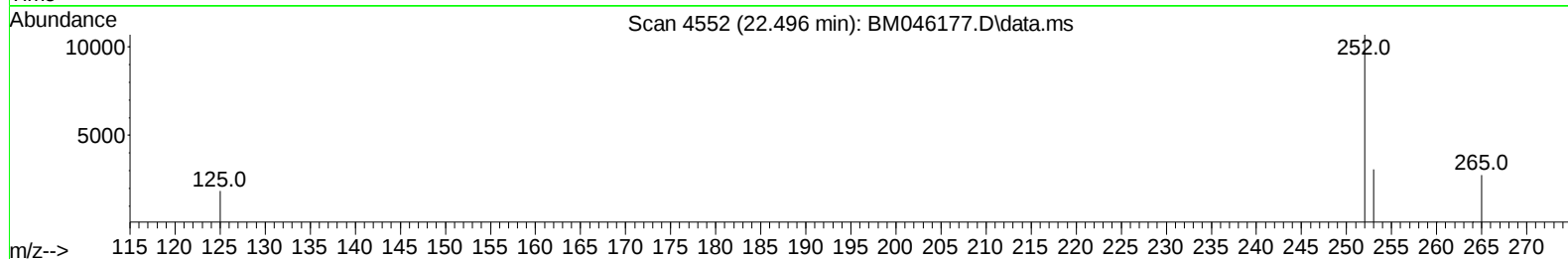
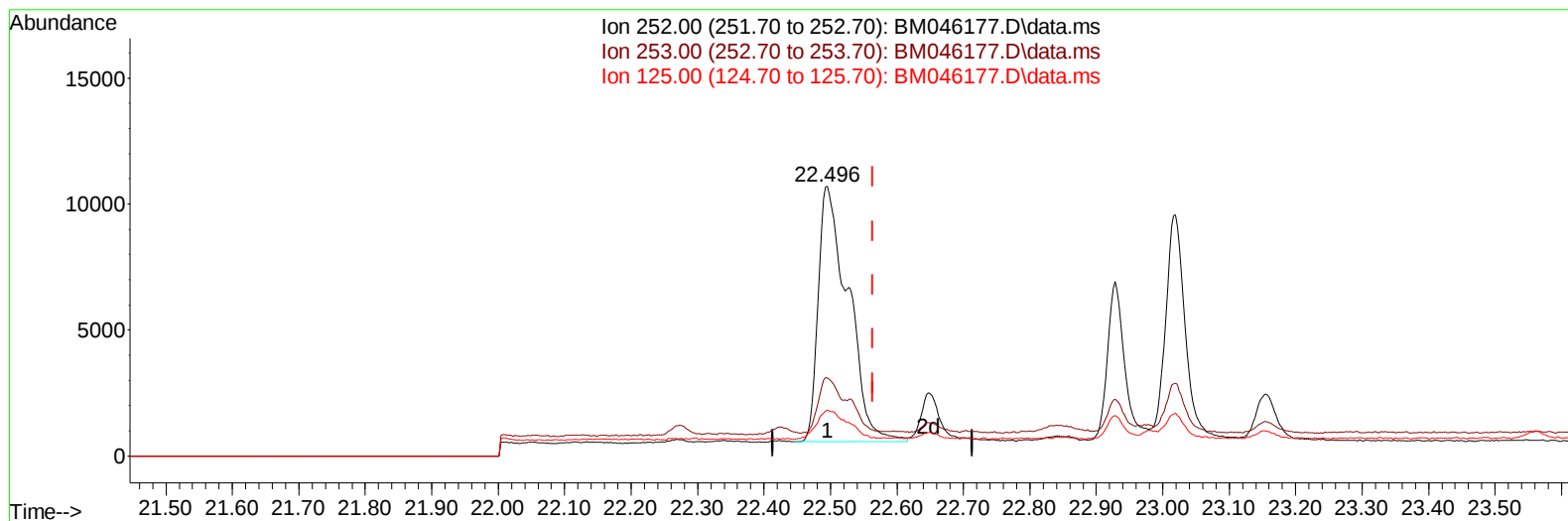
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Operator : MA/JU
Sample : P2710-12DL 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BM1DL

Manual IntegrationsAPPROVED

Quant Time: Jun 22 02:46:43 2024
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Supervised By :mohammad ahmed 06/24/2024



TIC: BM046177.D\data.ms

(25) Benzo(k)fluoranthene

22.496min (-0.068) 0.86 ng/u1

response 31763

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	28.89
125.00	20.80	17.15
0.00	0.00	0.00

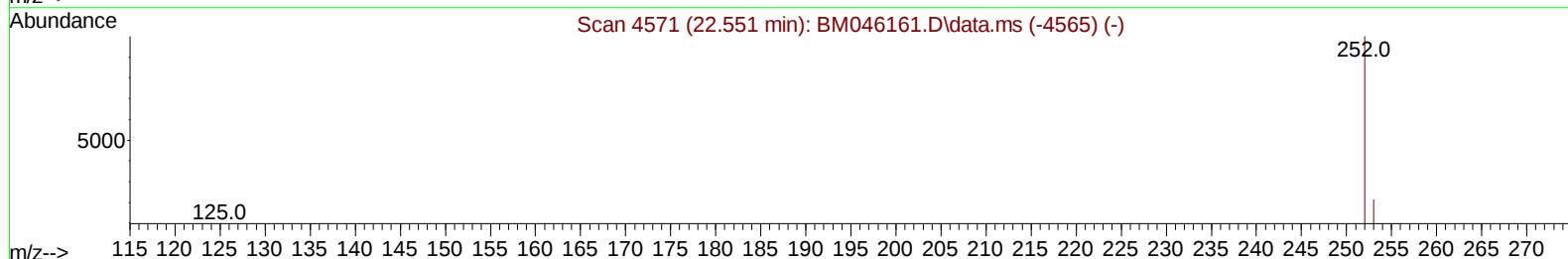
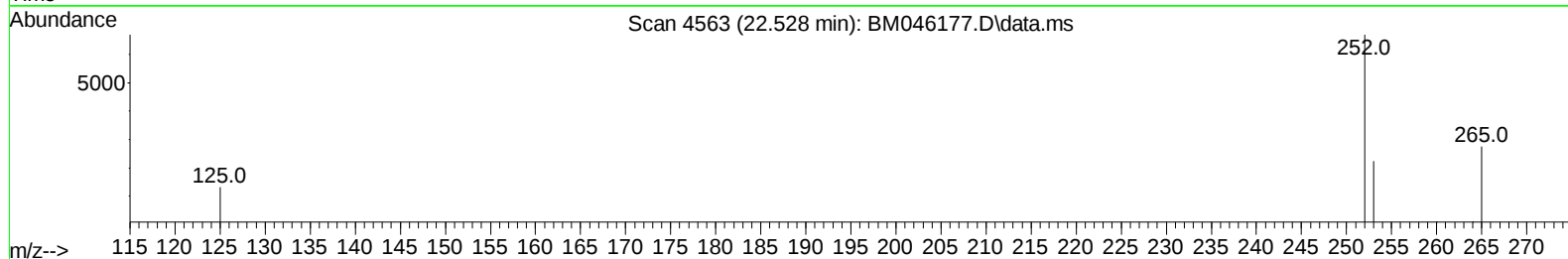
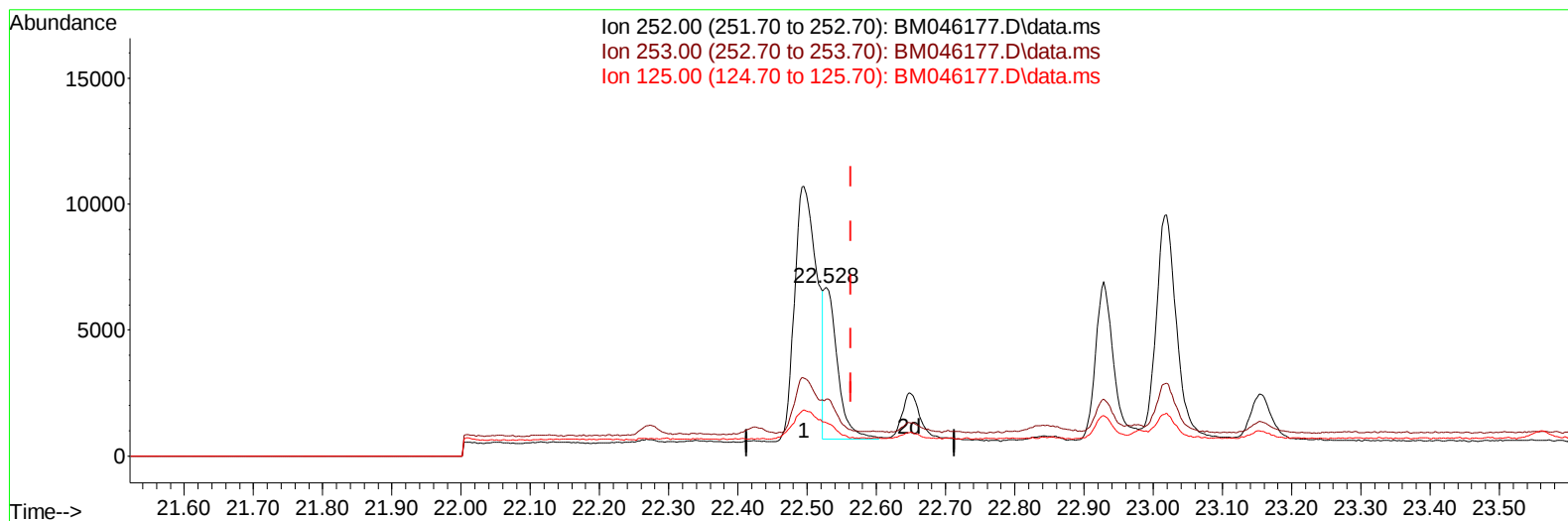
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Acq On : 22 Jun 2024 02:16
Operator : MA/JU
Sample : P2710-12DL 5X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 06/24/2024



TIC: BM046177.D\data.ms

(25) Benzo(k)fluoranthene

22.528min (-0.035) 0.23 ng/u1 m

response 8354

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	33.60
125.00	20.80	19.68
0.00	0.00	0.00

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 Operator : MA/JU
 Sample : P2710-12DL 5X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BM1DL

Manual IntegrationsAPPROVED

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.426	152	2724	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.233	136	7644	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.081	164	4509	0.400	ng/ul	-0.03
13) Phenanthrene-d10	16.825	188	8634	0.400	ng/ul	-0.04
17) Chrysene-d12	21.020	240	7562	0.400	ng/ul	-0.02
23) Perylene-d12	23.110	264	8596m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.033	96	2462	0.659	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.871	152	476	0.046	ng/ul	0.00
18) Fluoranthene-d10	18.853	212	1186	0.052	ng/ul	-0.03
Target Compounds						
					Qvalue	
10) Acenaphthylene	13.799	152	481	0.022	ng/ul#	40
11) Acenaphthene	14.141	153	749	0.049	ng/ul	94
12) Fluorene	15.136	166	905	0.055	ng/ul#	96
15) Phenanthrene	16.863	178	25516	1.052	ng/ul	97
16) Anthracene	16.956	178	6846	0.379	ng/ul	99
19) Fluoranthene	18.881	202	44415	1.357	ng/ul	97
20) Pyrene	19.244	202	46280	1.307	ng/ul	96
21) Benzo(a)anthracene	21.003	228	23239	0.796	ng/ul	98
22) Chrysene	21.052	228	22080	0.592	ng/ul	99
24) Benzo(b)fluoranthene	22.496	252	22958m	0.741	ng/ul	
25) Benzo(k)fluoranthene	22.528	252	8354m	0.227	ng/ul	
26) Benzo(a)pyrene	22.928	252	11519	0.401	ng/ul	90
27) Indeno(1,2,3-cd)pyrene	25.168	276	10539	0.224	ng/ul#	87
28) Dibenzo(a,h)anthracene	25.168	278	2573	0.074	ng/ul#	67
29) Benzo(g,h,i)perylene	25.792	276	10359	0.257	ng/ul	98

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

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