

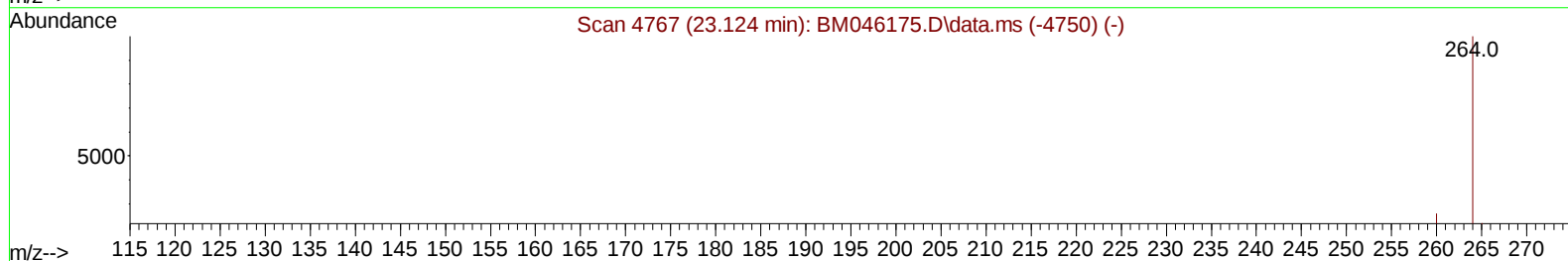
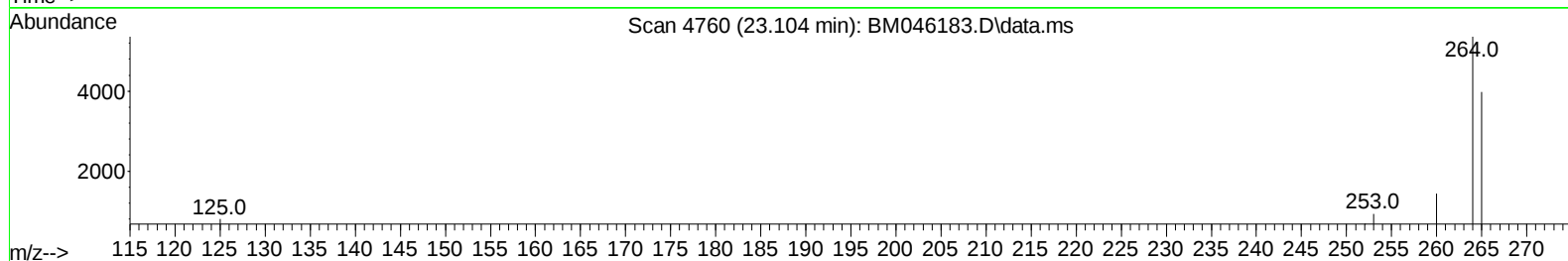
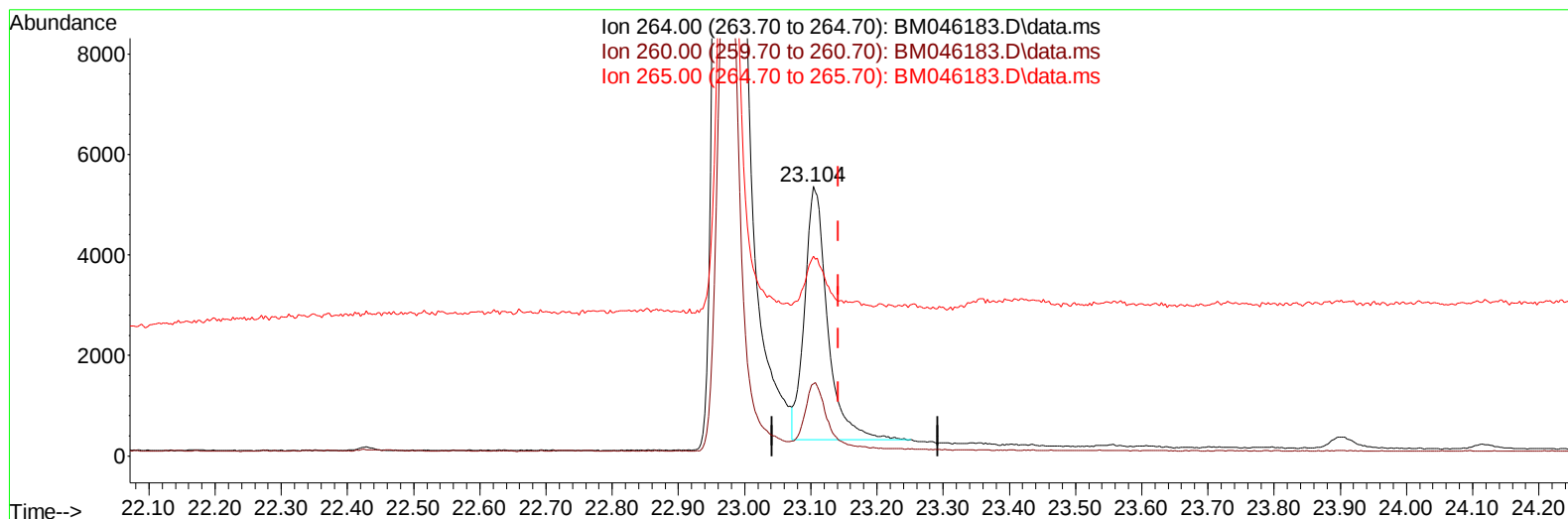
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046183.D
Acq On : 22 Jun 2024 05:57
Operator : MA/JU
Sample : P2754-04DL 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BP5DL

Manual IntegrationsAPPROVED

Quant Time: Jun 22 10:45:52 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: BM046183.D\data.ms

(23) Perylene-d12 (I)

23.104min (-0.039) 0.40 ng/u1

response 12100

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	28.20	26.77
265.00	110.60	74.18#
0.00	0.00	0.00

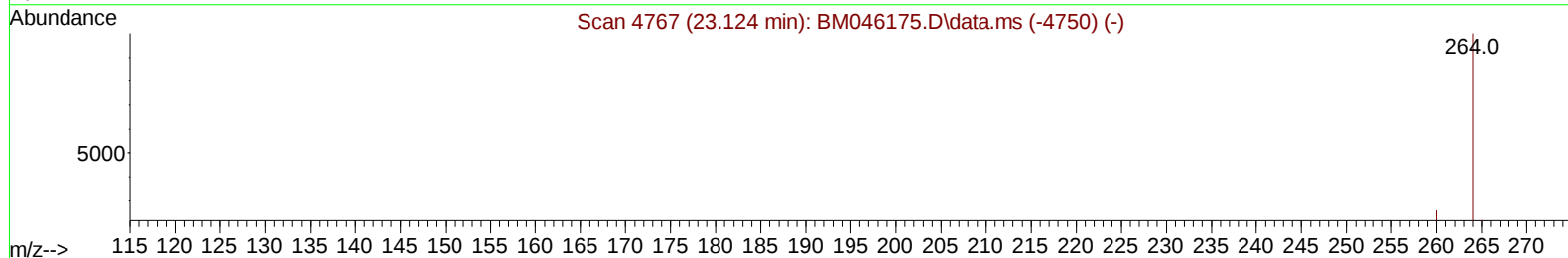
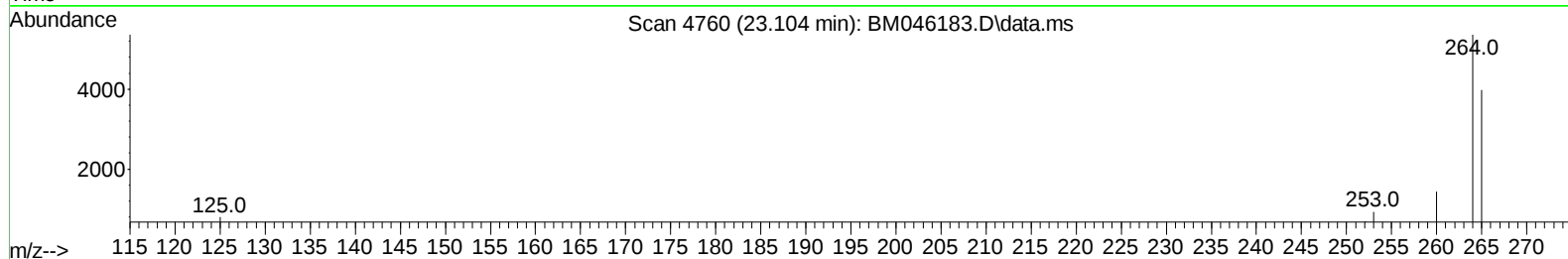
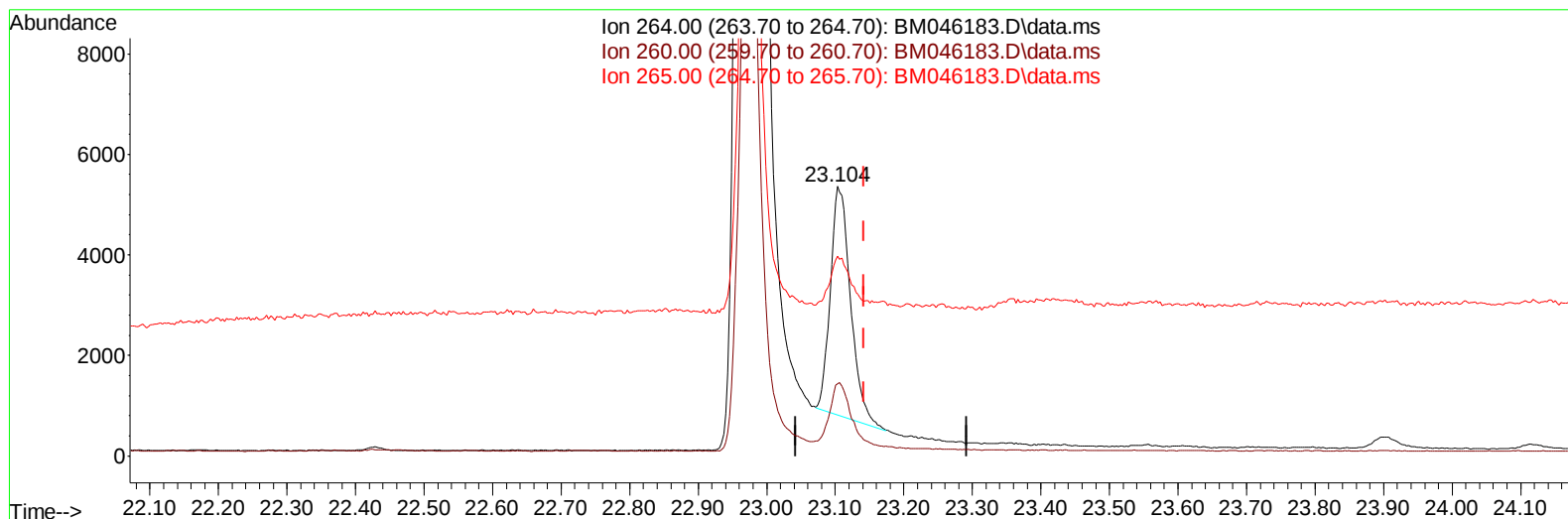
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TIC: BM046183.D\data.ms

(23) Perylene-d12 (I)

23.104min (-0.039) 0.40 ng/ul m

response 9294

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	28.20	26.77
265.00	110.60	74.18#
0.00	0.00	0.00

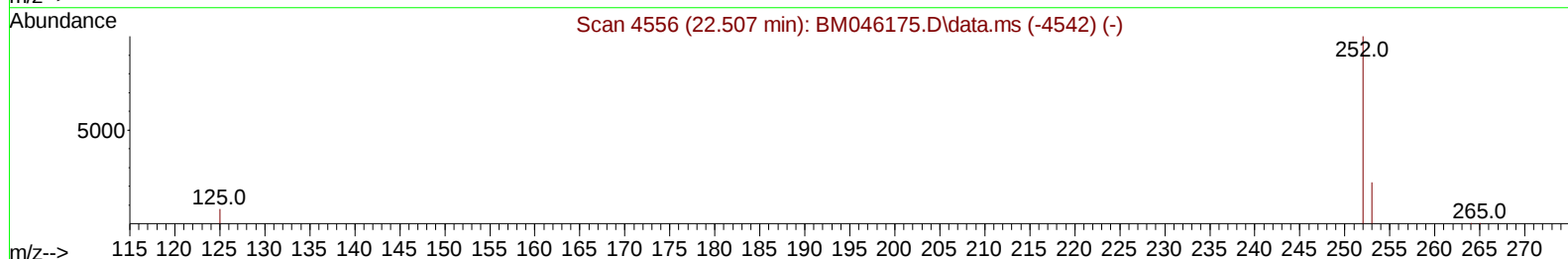
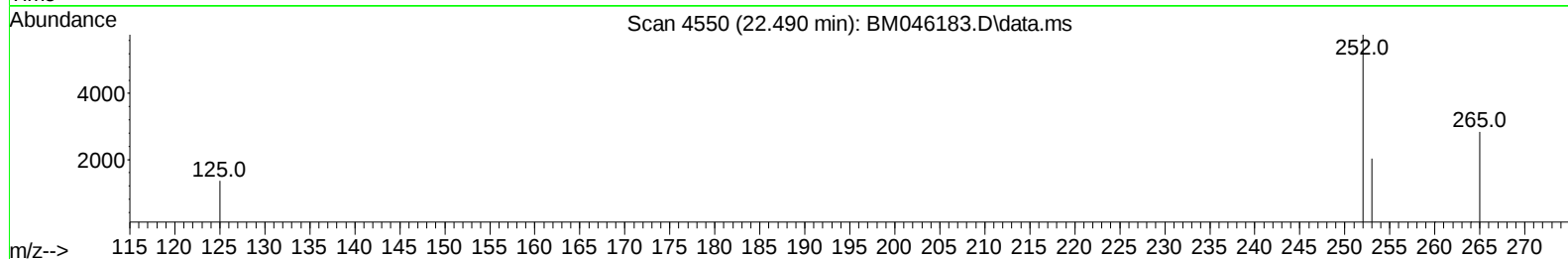
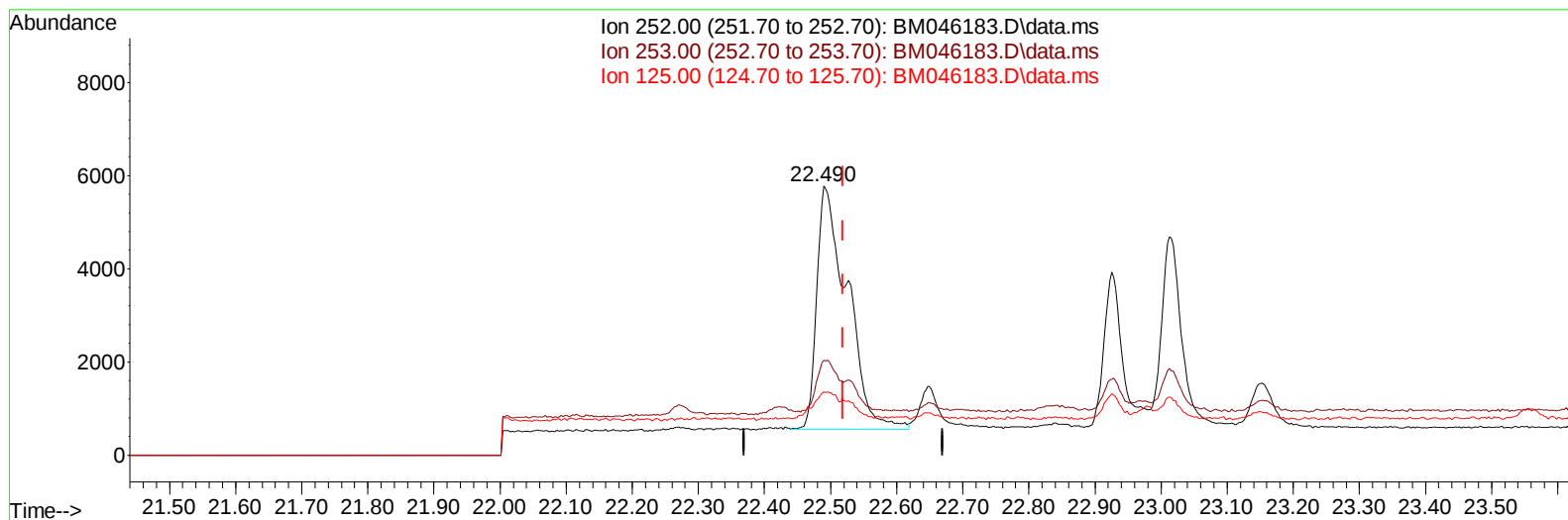
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Data File : BM046183.D
Acq On : 22 Jun 2024 05:57
Operator : MA/JU
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ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BP5DL

Manual IntegrationsAPPROVED

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TIC: BM046183.D\data.ms

(24) Benzo(b)fluoranthene

22.490min (-0.030) 0.50 ng/u1

response 16725

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.90	35.24
125.00	20.10	23.48
0.00	0.00	0.00

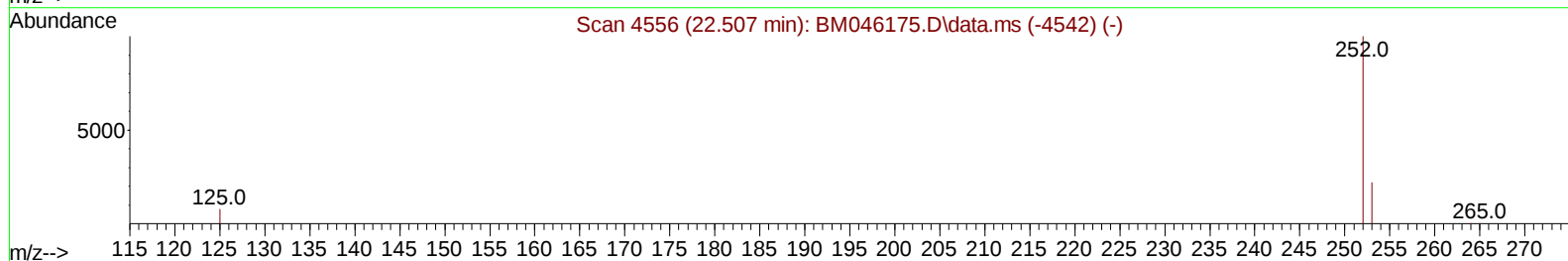
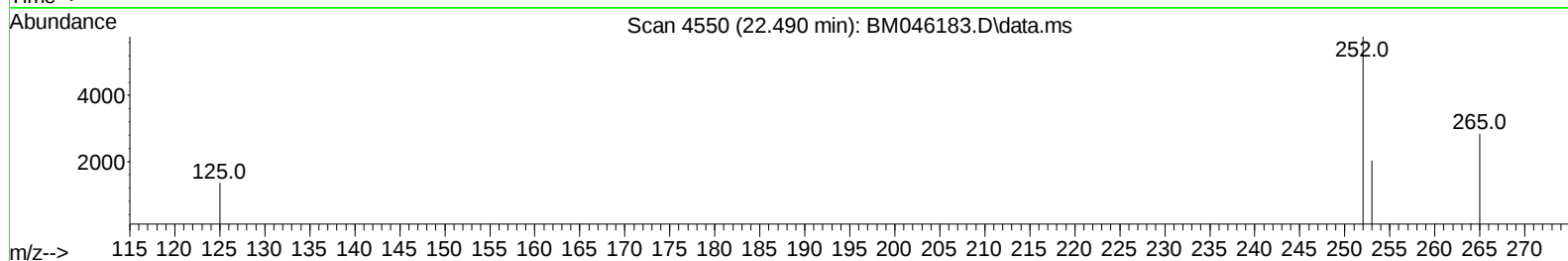
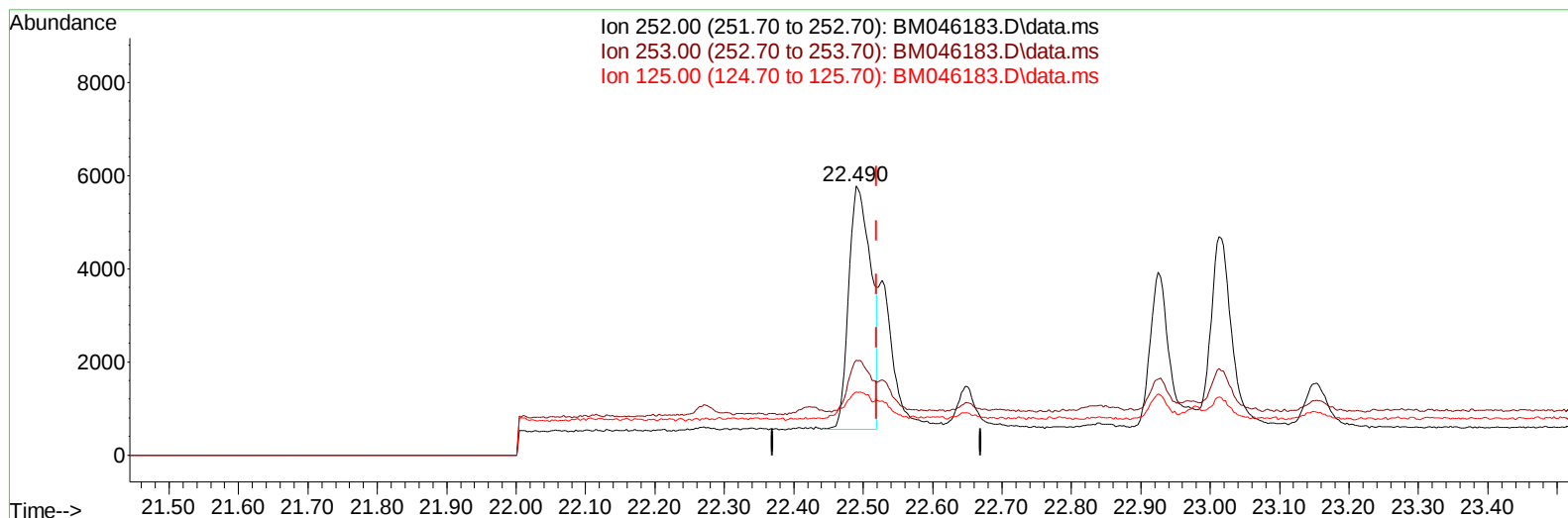
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046183.D
Acq On : 22 Jun 2024 05:57
Operator : MA/JU
Sample : P2754-04DL 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BP5DL

Manual IntegrationsAPPROVED

Quant Time: Jun 22 10:45:52 2024
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TIC: BM046183.D\data.ms

(24) Benzo(b)fluoranthene

22.490min (-0.030) 0.35 ng/u1 m

response 11572

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.90	35.24
125.00	20.10	23.48
0.00	0.00	0.00

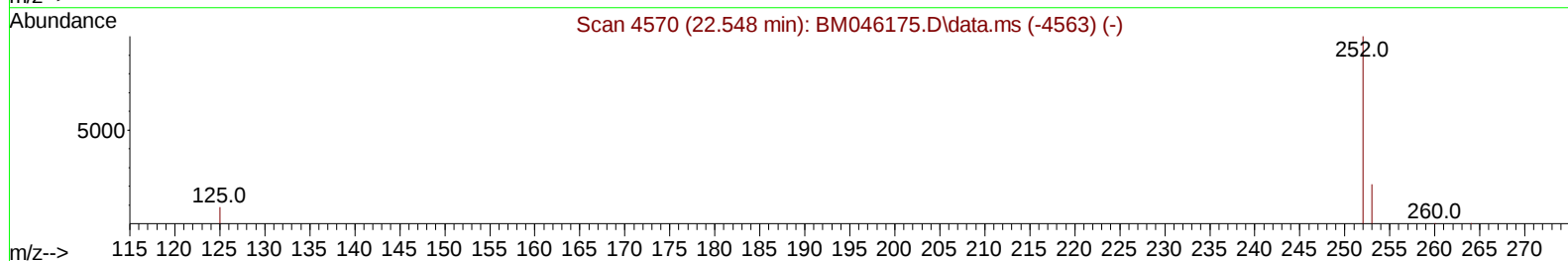
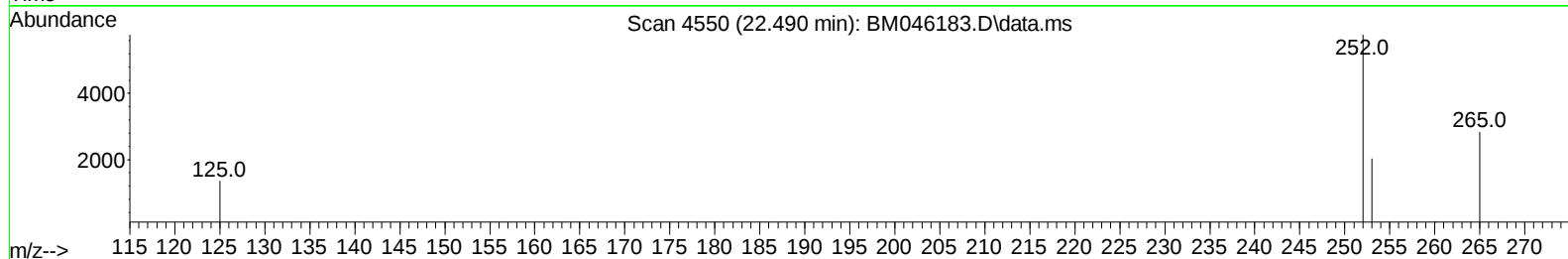
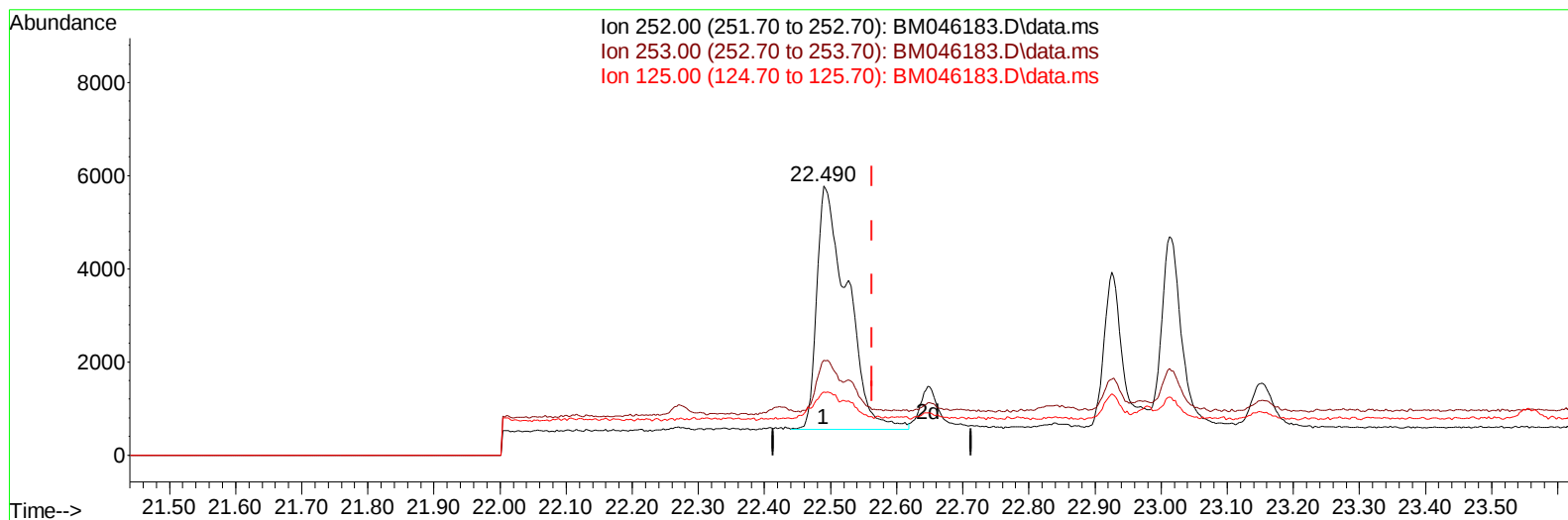
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046183.D
Acq On : 22 Jun 2024 05:57
Operator : MA/JU
Sample : P2754-04DL 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BP5DL

Manual IntegrationsAPPROVED

Quant Time: Jun 22 10:45:52 2024
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TIC: BM046183.D\data.ms

(25) Benzo(k)fluoranthene

22.490min (-0.074) 0.42 ng/u1

response 16725

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	35.24
125.00	20.80	23.48
0.00	0.00	0.00

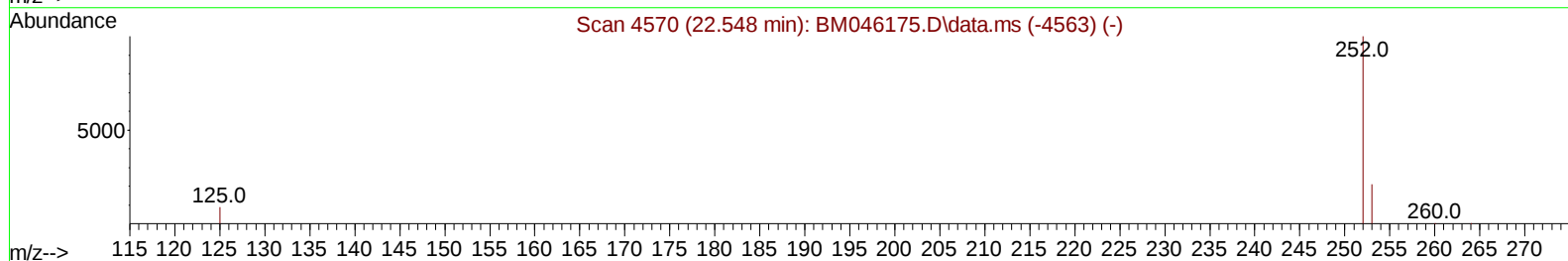
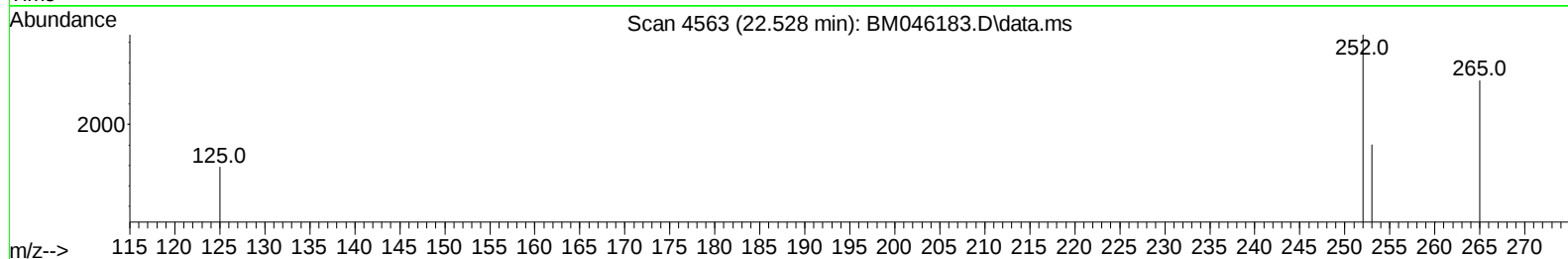
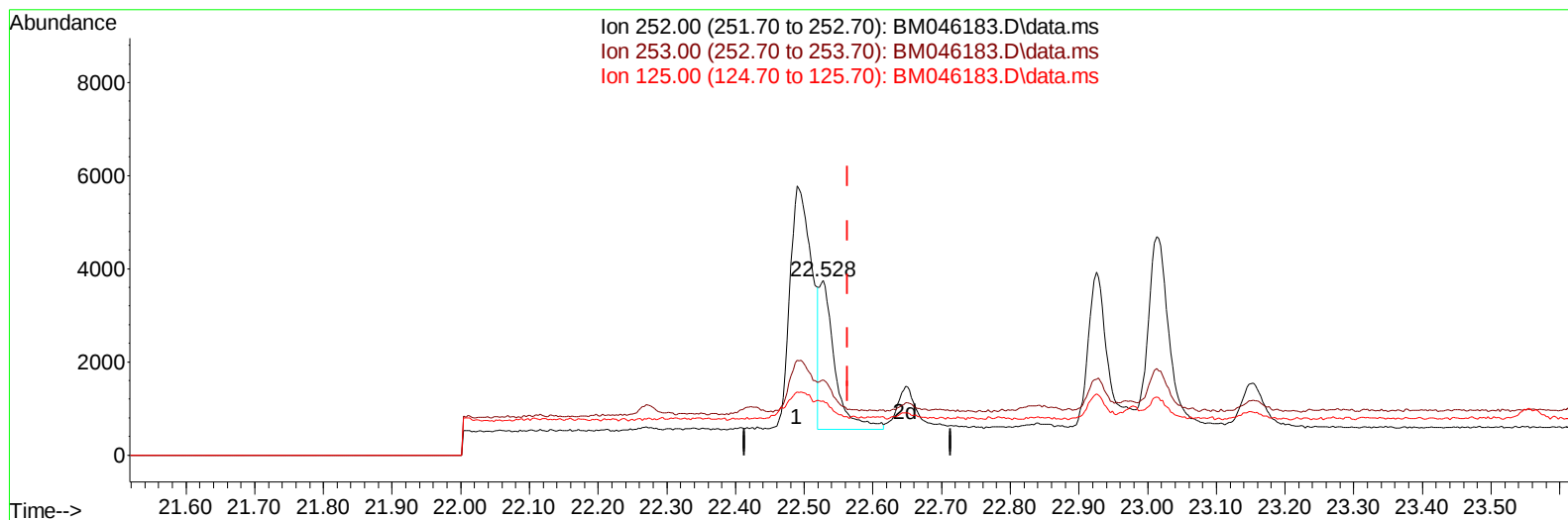
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
 Data File : BM046183.D
 Acq On : 22 Jun 2024 05:57
 Operator : MA/JU
 Sample : P2754-04DL 5X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BP5DL

Manual IntegrationsAPPROVED

Quant Time: Jun 22 10:45:52 2024
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 Supervised By :mohammad ahmed 06/24/2024



TIC: BM046183.D\data.ms

(25) Benzo(k)fluoranthene

22.528min (-0.036) 0.13 ng/u1 m

response 5150

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	42.88#
125.00	20.80	31.15#
0.00	0.00	0.00

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 Operator : MA/JU
 Sample : P2754-04DL 5X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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Manual IntegrationsAPPROVED

Quant Time: Jun 22 10:45:52 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.425	152	3337	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.221	136	9493	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.076	164	5349	0.400	ng/ul	-0.04
13) Phenanthrene-d10	16.820	188	10191	0.400	ng/ul	-0.04
17) Chrysene-d12	21.020	240	8254	0.400	ng/ul	-0.02
23) Perylene-d12	23.104	264	9294m	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.037	96	2983	0.652	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.855	152	588	0.046	ng/ul	0.00
18) Fluoranthene-d10	18.853	212	1285	0.052	ng/ul	-0.03
Target Compounds						
					Qvalue	
5) Naphthalene	10.271	128	561	0.021	ng/ul#	53
10) Acenaphthylene	13.794	152	747	0.029	ng/ul#	58
11) Acenaphthene	14.141	153	1038	0.057	ng/ul	99
12) Fluorene	15.136	166	1036	0.053	ng/ul#	97
15) Phenanthrene	16.862	178	15393	0.538	ng/ul	98
16) Anthracene	16.955	178	2787	0.131	ng/ul#	89
19) Fluoranthene	18.881	202	20763	0.581	ng/ul	99
20) Pyrene	19.239	202	21614	0.559	ng/ul	99
21) Benzo(a)anthracene	21.005	228	8729	0.274	ng/ul	95
22) Chrysene	21.055	228	8358	0.205	ng/ul	95
24) Benzo(b)fluoranthene	22.490	252	11572m	0.346	ng/ul	
25) Benzo(k)fluoranthene	22.528	252	5150m	0.129	ng/ul	
26) Benzo(a)pyrene	23.013	252	8447	0.272	ng/ul	100
27) Indeno(1,2,3-cd)pyrene	25.162	276	6055	0.119	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.168	278	1299	0.034	ng/ul#	23
29) Benzo(g,h,i)perylene	25.785	276	6455	0.148	ng/ul	91

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

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