

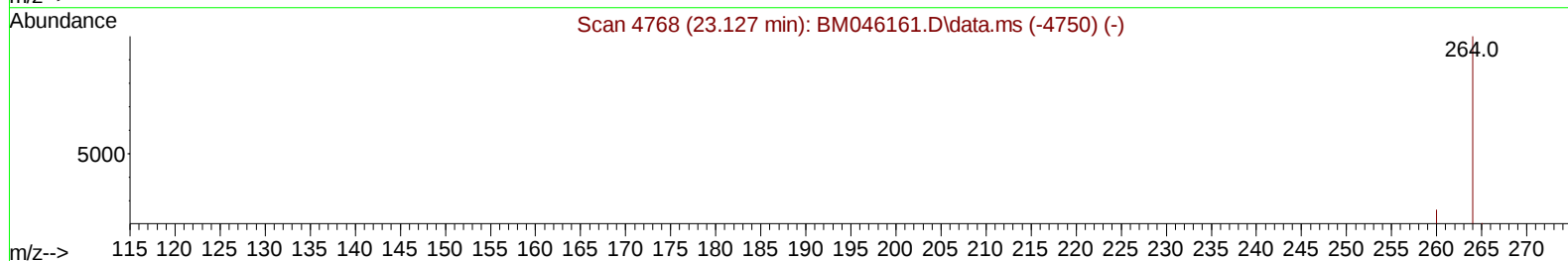
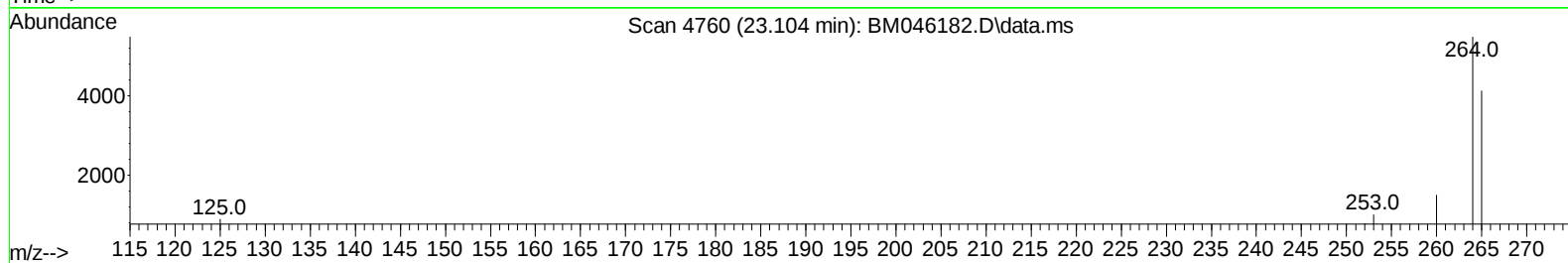
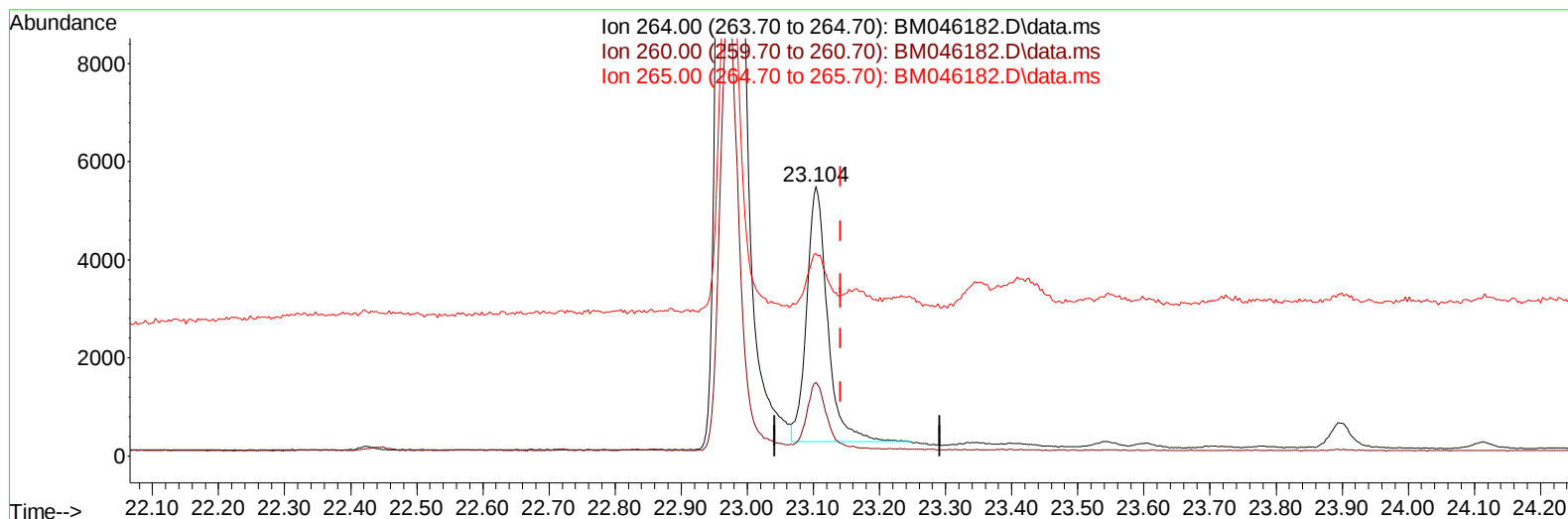
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046182.D
Acq On : 22 Jun 2024 05:21
Operator : MA/JU
Sample : P2754-03DL 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BP4DL

Manual IntegrationsAPPROVED

Quant Time: Jun 22 05:56:56 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: BM046182.D\data.ms

(23) Perylene-d12 (I)

23.104min (-0.038) 0.40 ng/u1

response 11423

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	28.20	27.24
265.00	110.60	75.20#
0.00	0.00	0.00

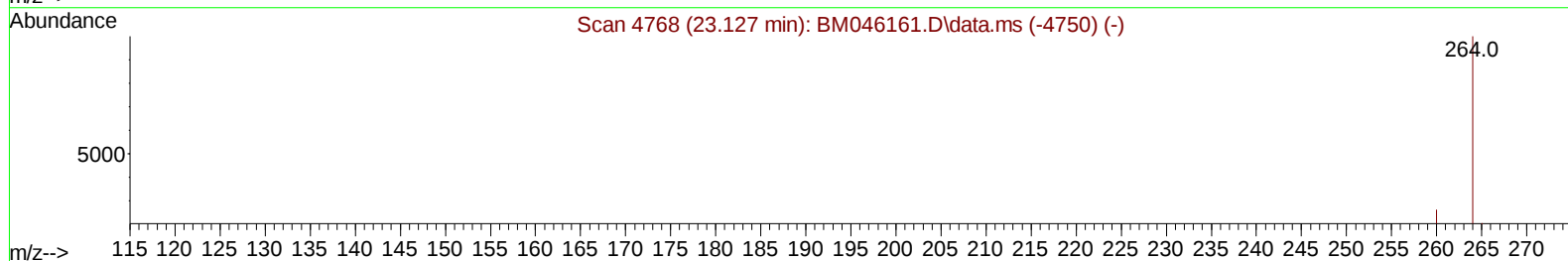
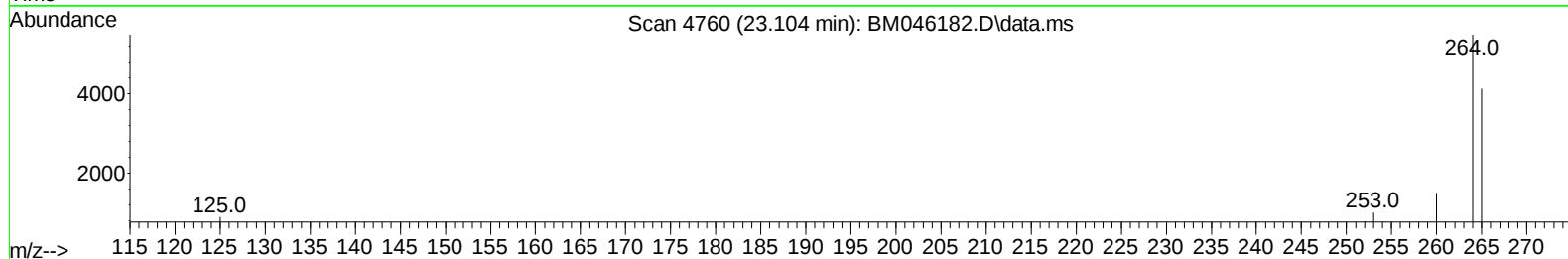
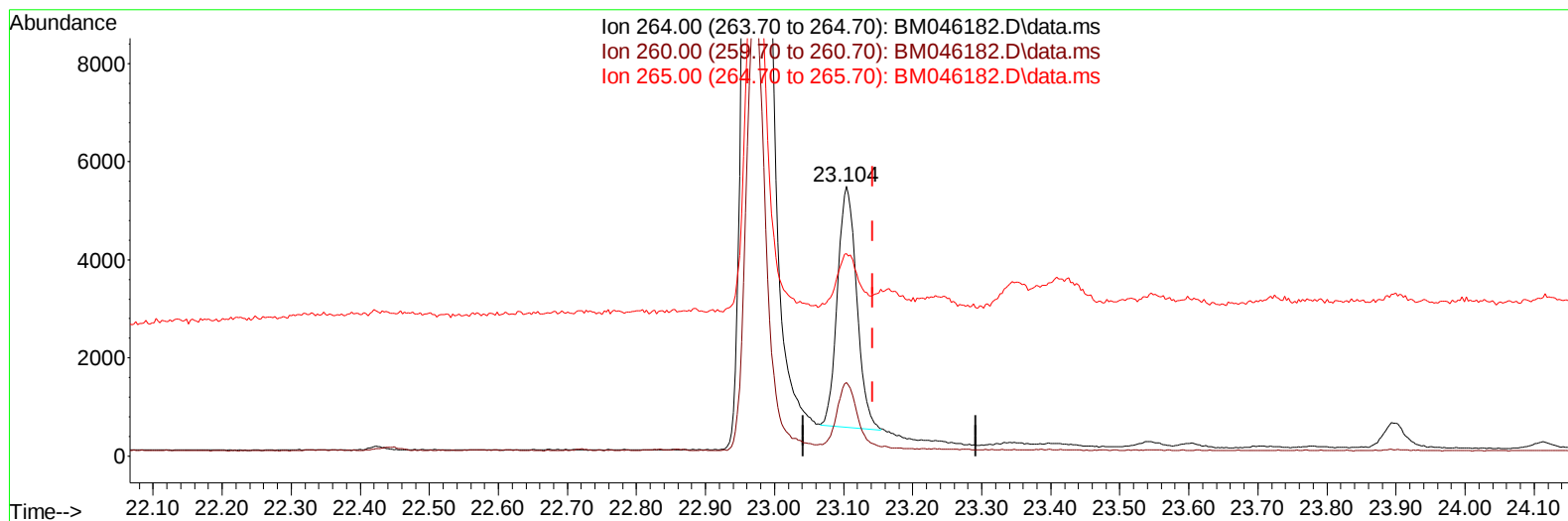
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Instrument :
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ClientSampleId :
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Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 06/24/2024



TIC: BM046182.D\data.ms

(23) Perylene-d12 (I)

23.104min (-0.038) 0.40 ng/ul m

response 9461

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	28.20	27.24
265.00	110.60	75.20#
0.00	0.00	0.00

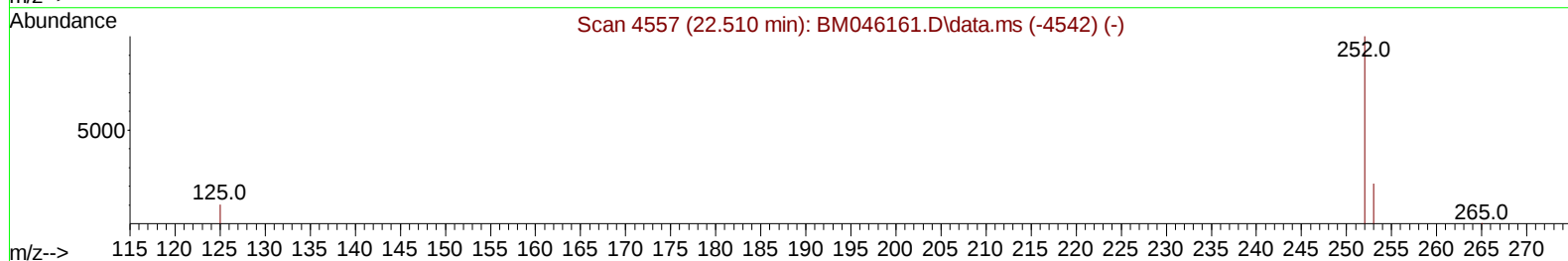
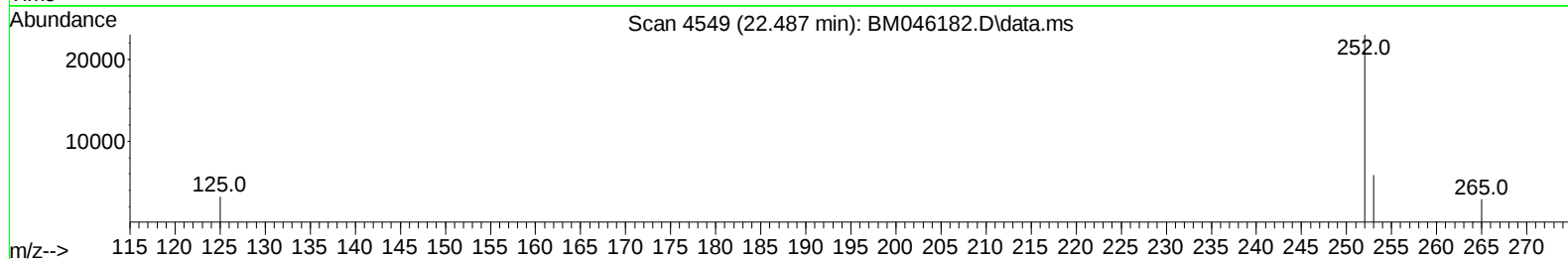
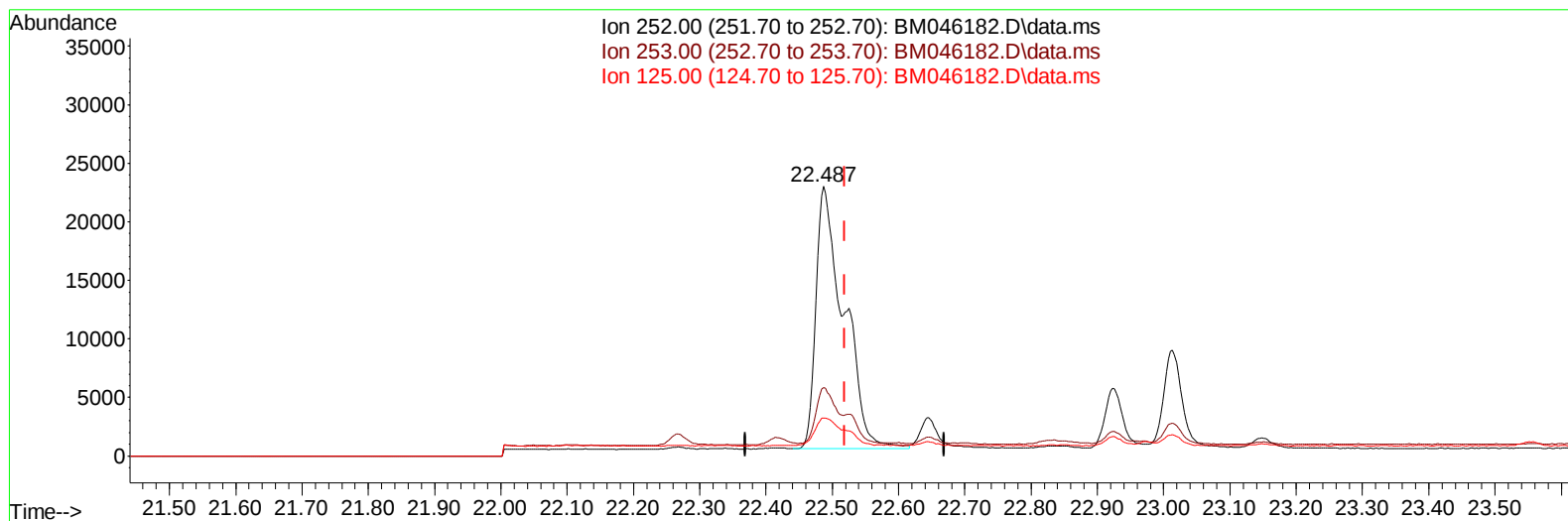
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ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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TIC: BM046182.D\data.ms

(24) Benzo(b)fluoranthene

22.487min (-0.032) 1.92 ng/u1

response 65453

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.90	25.39
125.00	20.10	14.16
0.00	0.00	0.00

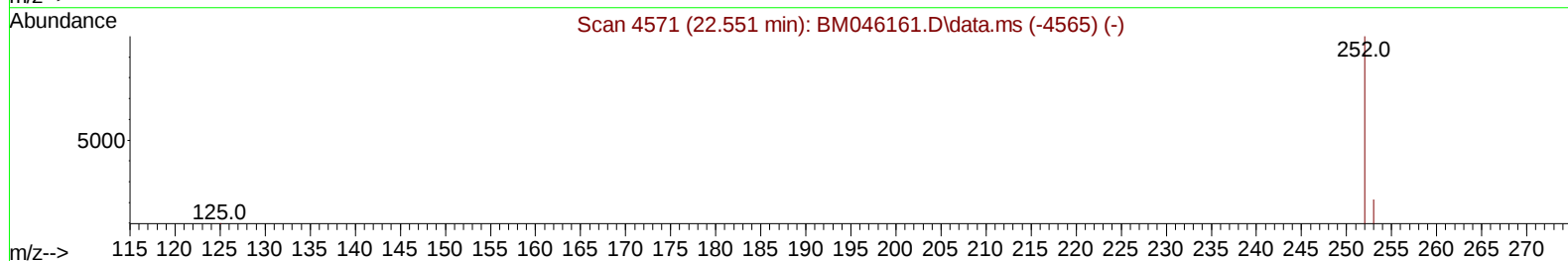
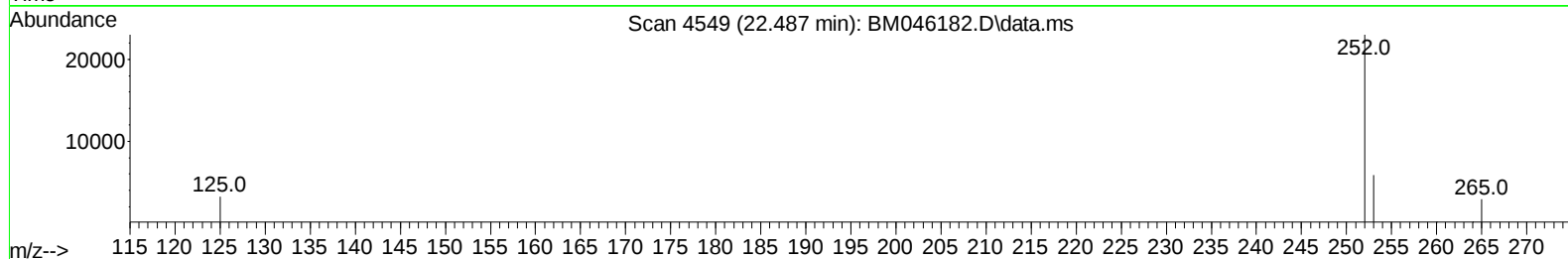
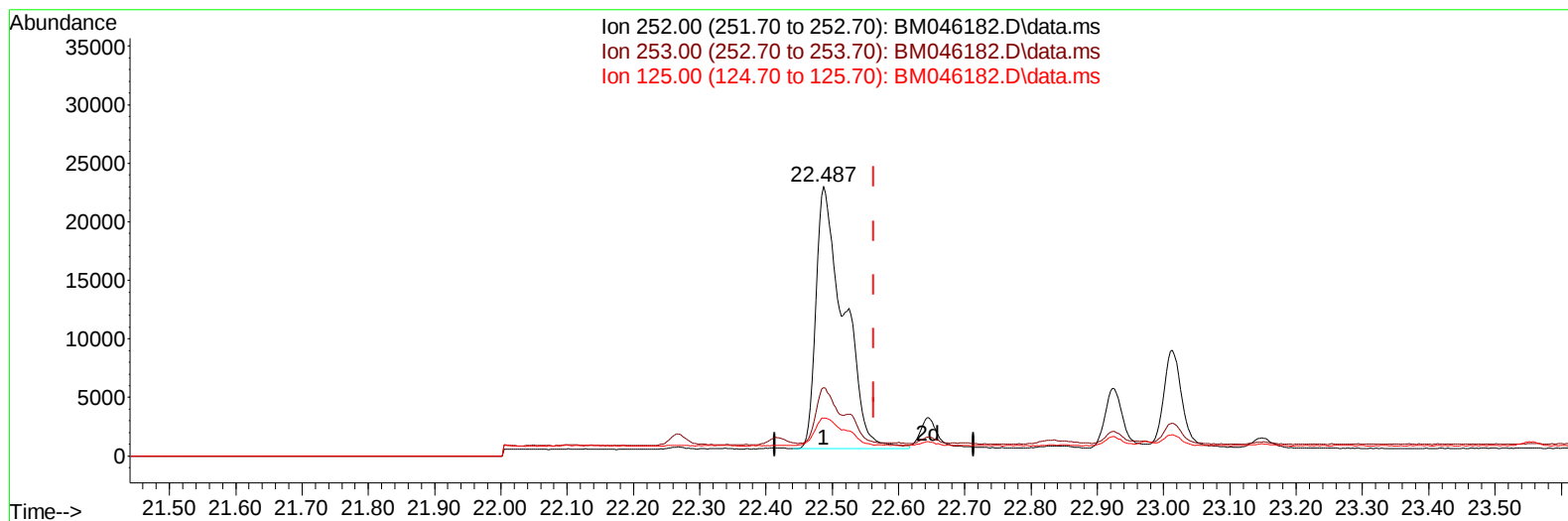
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046182.D
Acq On : 22 Jun 2024 05:21
Operator : MA/JU
Sample : P2754-03DL 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BP4DL

Manual IntegrationsAPPROVED

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TIC: BM046182.D\data.ms

(25) Benzo(k)fluoranthene

22.487min (-0.076) 1.62 ng/u1

response 65453

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	25.39#
125.00	20.80	14.16#
0.00	0.00	0.00

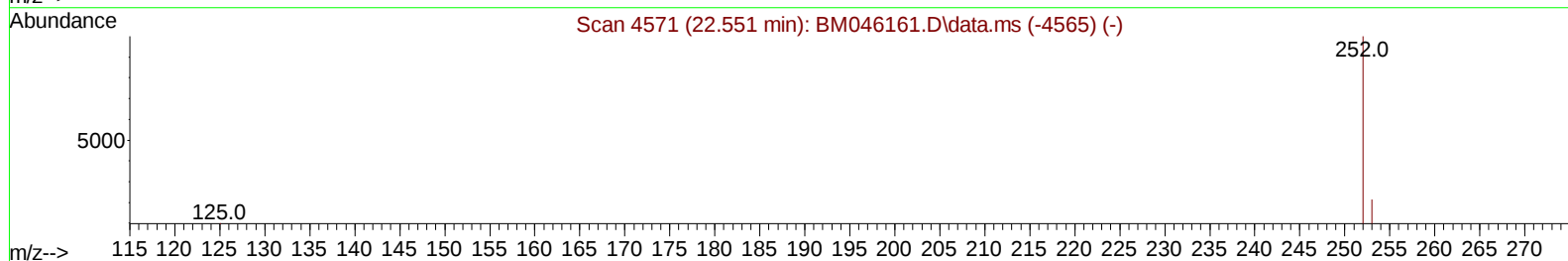
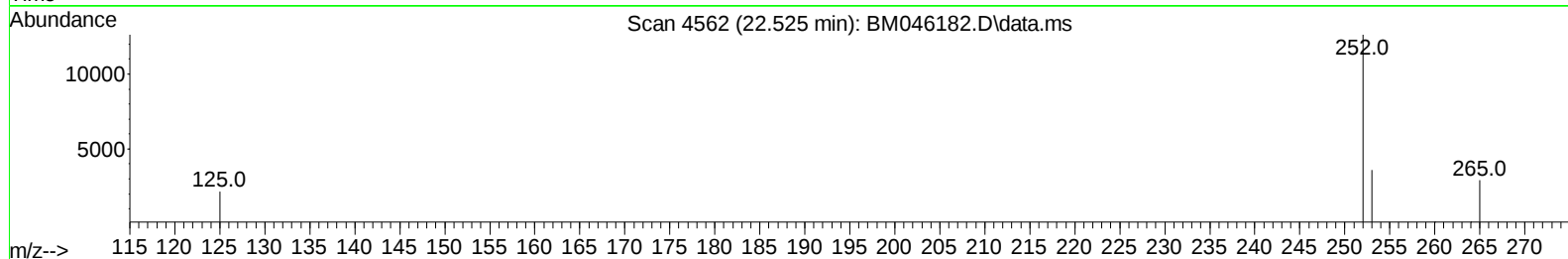
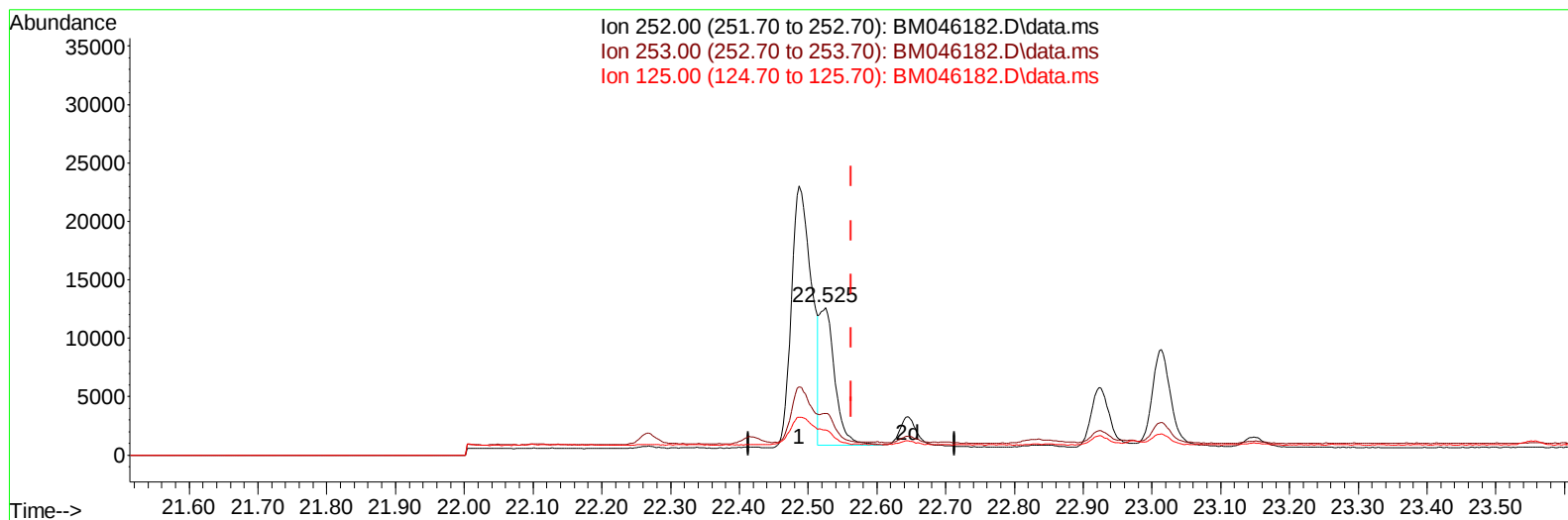
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046182.D
Acq On : 22 Jun 2024 05:21
Operator : MA/JU
Sample : P2754-03DL 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BP4DL

Manual IntegrationsAPPROVED

Quant Time: Jun 22 05:56:56 2024
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 22 02:10:56 2024
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Supervised By :mohammad ahmed 06/24/2024



TIC: BM046182.D\data.ms

(25) Benzo(k)fluoranthene

22.525min (-0.038) 0.46 ng/u1 m

response 18555

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	28.39
125.00	20.80	17.14
0.00	0.00	0.00

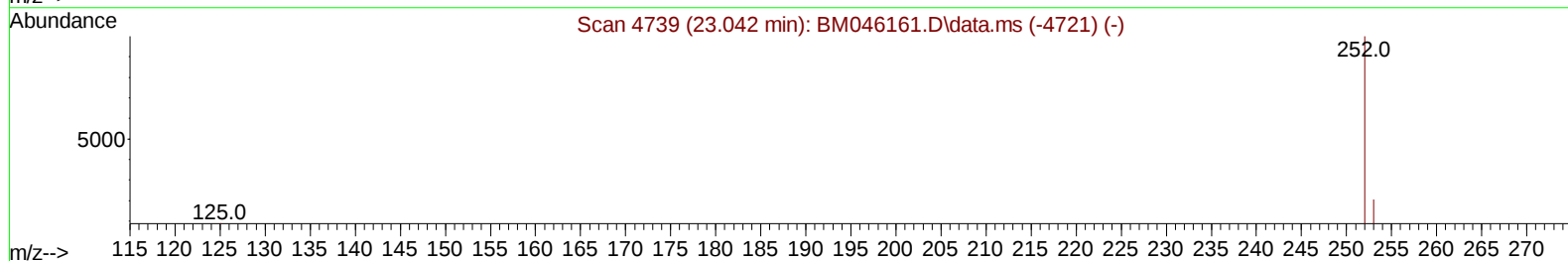
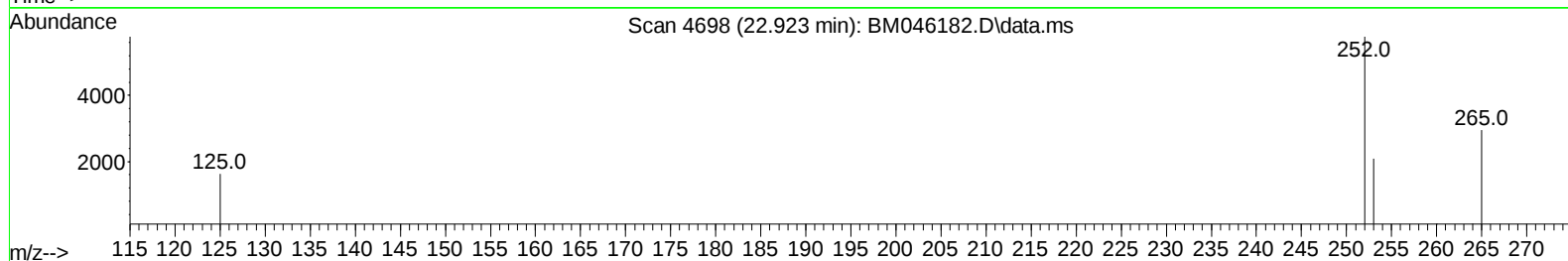
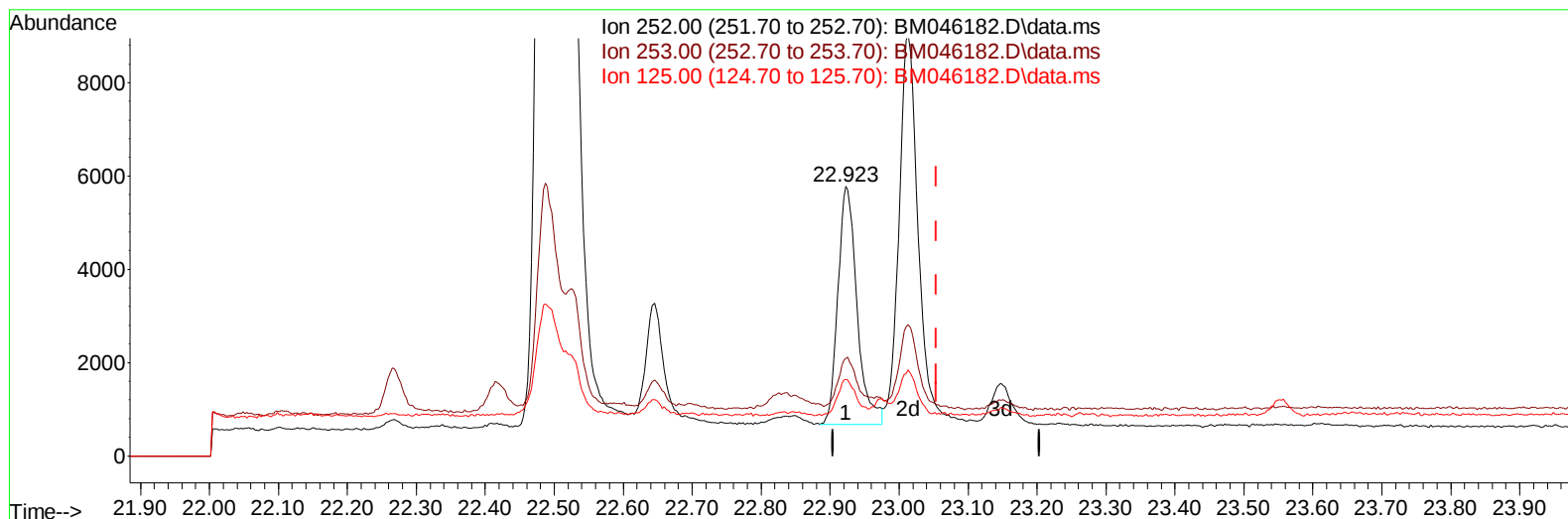
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
 Data File : BM046182.D
 Acq On : 22 Jun 2024 05:21
 Operator : MA/JU
 Sample : P2754-03DL 5X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BP4DL

Manual IntegrationsAPPROVED

Quant Time: Jun 22 05:56:56 2024
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Reviewed By :Yogesh Patel 06/24/2024
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TIC: BM046182.D\data.ms

(26) Benzo(a)pyrene (C)

22.923min (-0.132) 0.31 ng/u1

response 9825

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	40.10	36.17
125.00	26.50	28.33
0.00	0.00	0.00

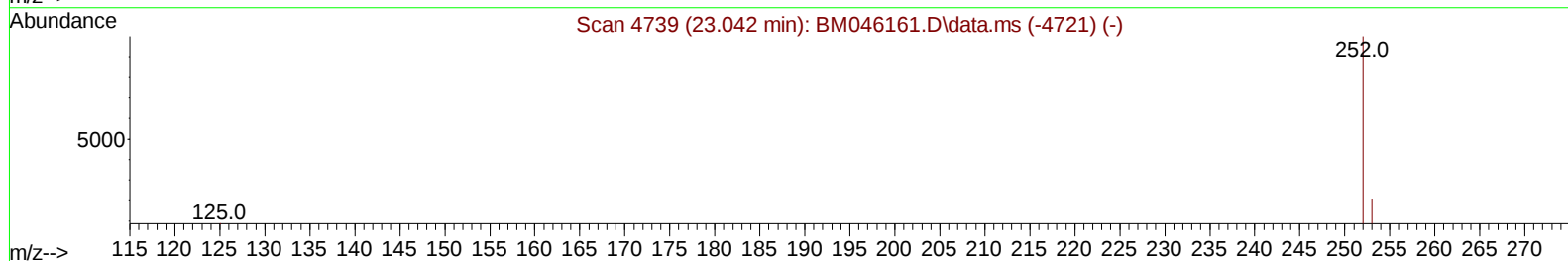
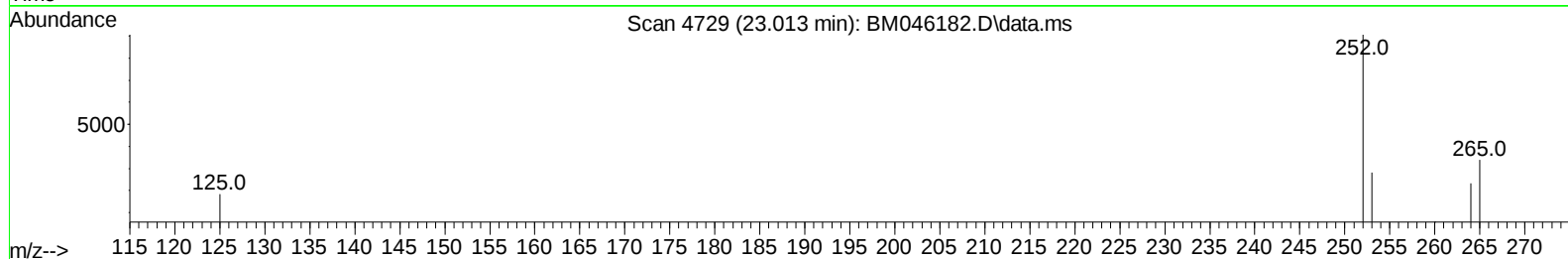
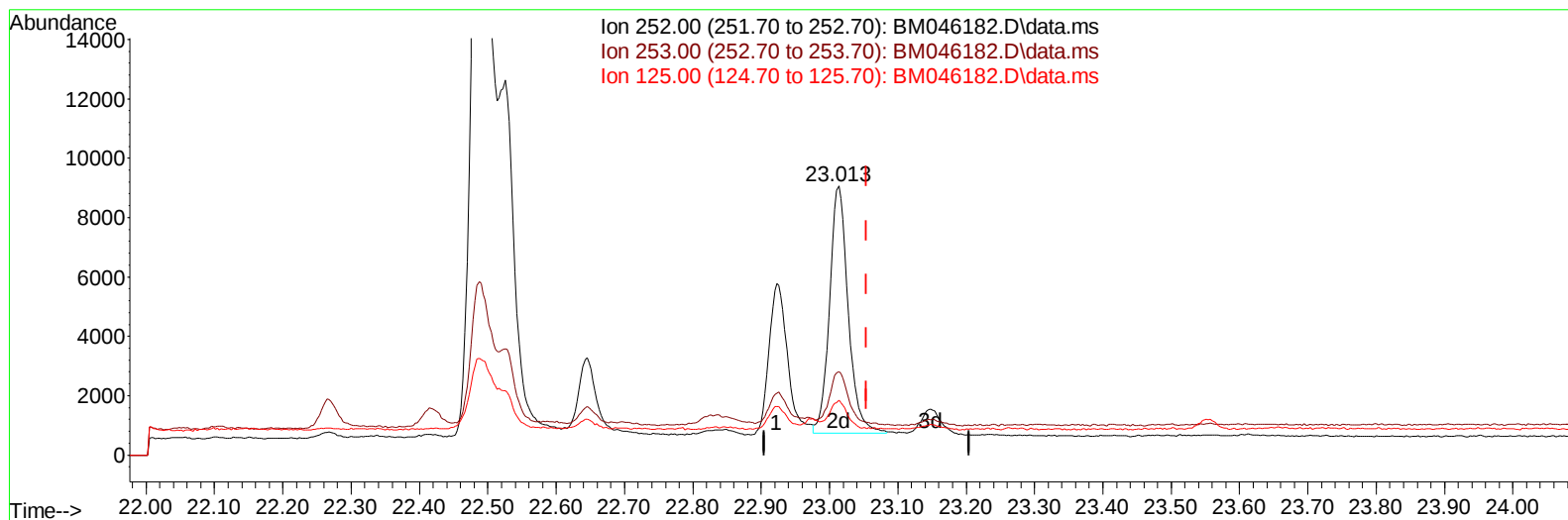
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Data File : BM046182.D
Acq On : 22 Jun 2024 05:21
Operator : MA/JU
Sample : P2754-03DL 5X
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4BP4DL

Manual IntegrationsAPPROVED

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TIC: BM046182.D\data.ms

(26) Benzo(a)pyrene (C)

23.013min (-0.041) 0.50 ng/u1 m

response 15688

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	40.10	31.01#
125.00	26.50	20.34#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
 Data File : BM046182.D
 Acq On : 22 Jun 2024 05:21
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 Sample : P2754-03DL 5X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4BP4DL

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 06/24/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.426	152	3299	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.216	136	9031	0.400	ng/ul	-0.04
9) Acenaphthene-d10	14.077	164	5057	0.400	ng/ul	-0.04
13) Phenanthrene-d10	16.821	188	9638	0.400	ng/ul	-0.04
17) Chrysene-d12	21.015	240	8317	0.400	ng/ul	-0.03
23) Perylene-d12	23.104	264	9461m	0.400	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.034	96	3156	0.697	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	11.855	152	634	0.052	ng/ul	0.00
18) Fluoranthene-d10	18.849	212	1380	0.055	ng/ul	-0.04
Target Compounds						
					Qvalue	
5) Naphthalene	10.271	128	665	0.026	ng/ul#	55
10) Acenaphthylene	13.799	152	1445	0.060	ng/ul#	82
11) Acenaphthene	14.142	153	643	0.037	ng/ul	96
12) Fluorene	15.136	166	784	0.042	ng/ul#	97
15) Phenanthrene	16.859	178	19386	0.716	ng/ul	97
16) Anthracene	16.952	178	3760	0.186	ng/ul#	92
19) Fluoranthene	18.877	202	60150	1.670	ng/ul	97
20) Pyrene	19.239	202	44234	1.136	ng/ul	97
21) Benzo(a)anthracene	20.997	228	26123	0.813	ng/ul	100
22) Chrysene	21.050	228	29783	0.726	ng/ul	99
24) Benzo(b)fluoranthene	22.487	252	45649m	1.339	ng/ul	
25) Benzo(k)fluoranthene	22.525	252	18555m	0.458	ng/ul	
26) Benzo(a)pyrene	23.013	252	15688m	0.497	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.152	276	17818	0.345	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.159	278	5305	0.138	ng/ul#	88
29) Benzo(g,h,i)perylene	25.776	276	2554	0.058	ng/ul#	70

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

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