

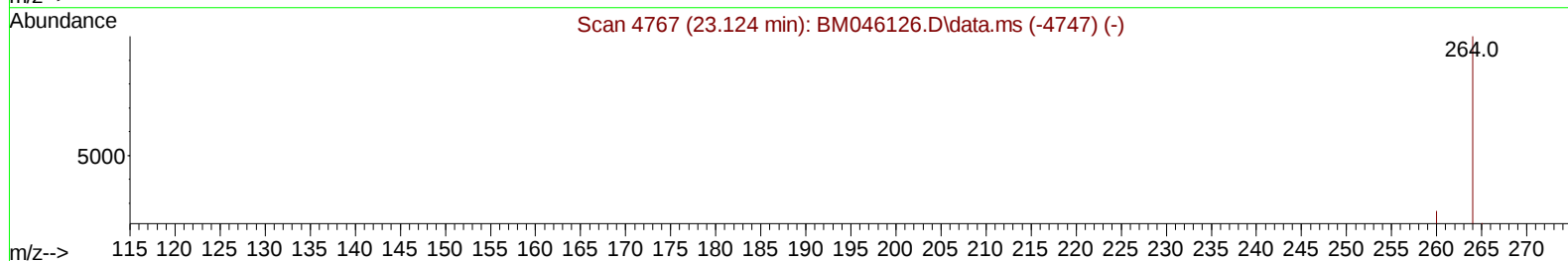
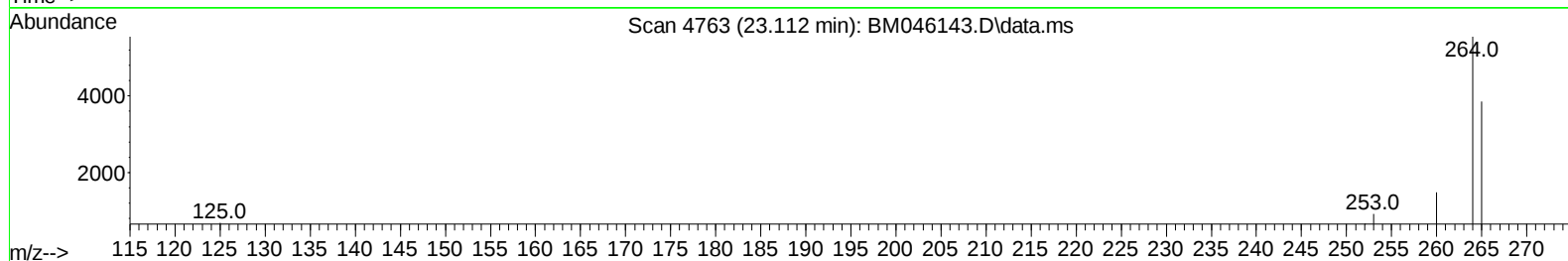
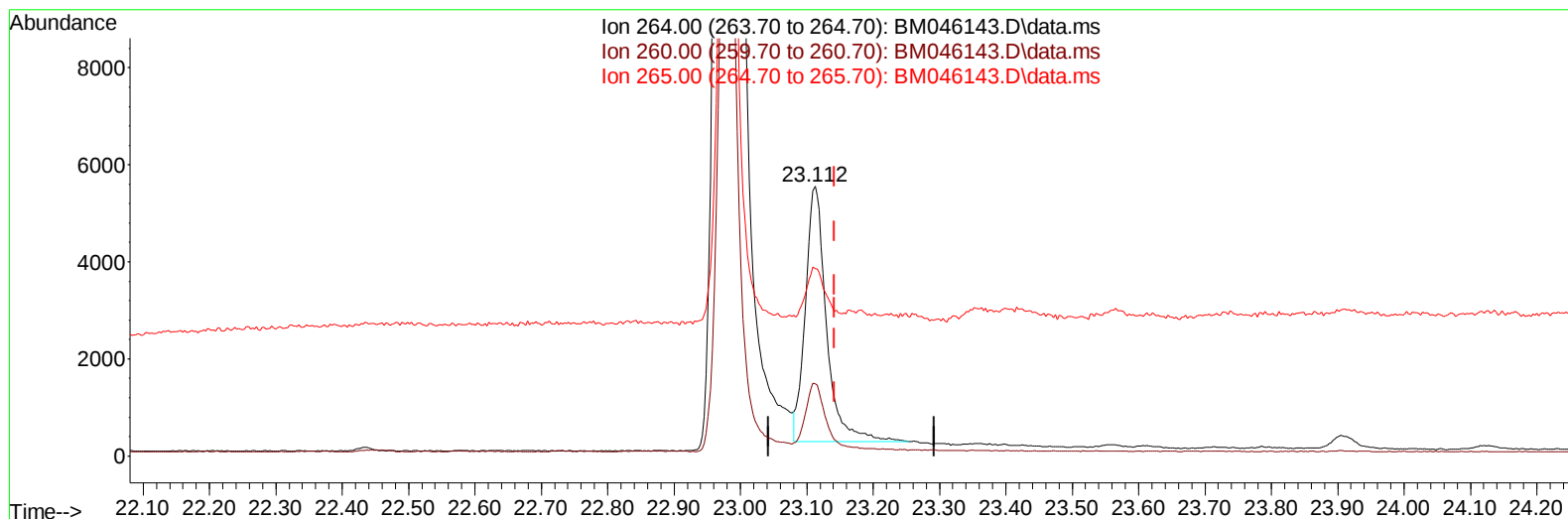
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046143.D
Acq On : 21 Jun 2024 03:54
Operator : MA/JU
Sample : P2710-06DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B27DL

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/24/2024

Quant Time: Jun 21 04:25:17 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 : Tue Jun 18 13:58:29 2024
Response via : Initial Calibration



TIC: BM046143.D\data.ms

(23) Perylene-d12 (I)

23.112min (-0.030) 0.40 ng/u1

response 11468

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	28.20	26.74
265.00	110.60	69.44#
0.00	0.00	0.00

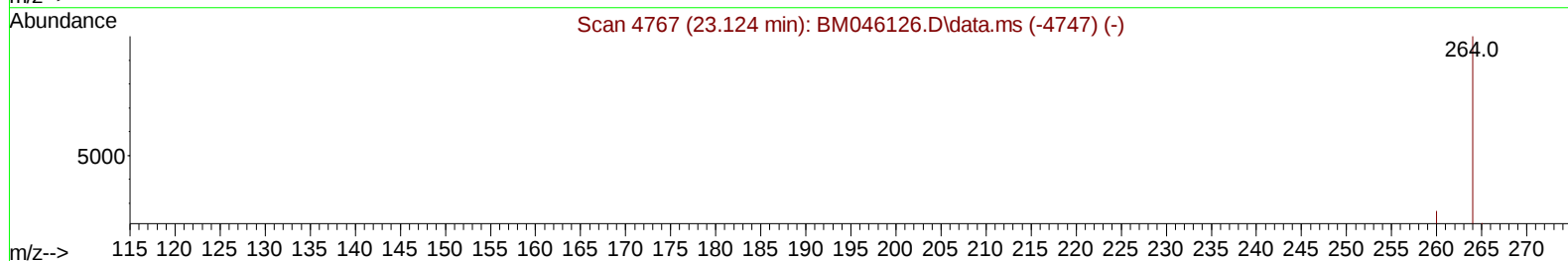
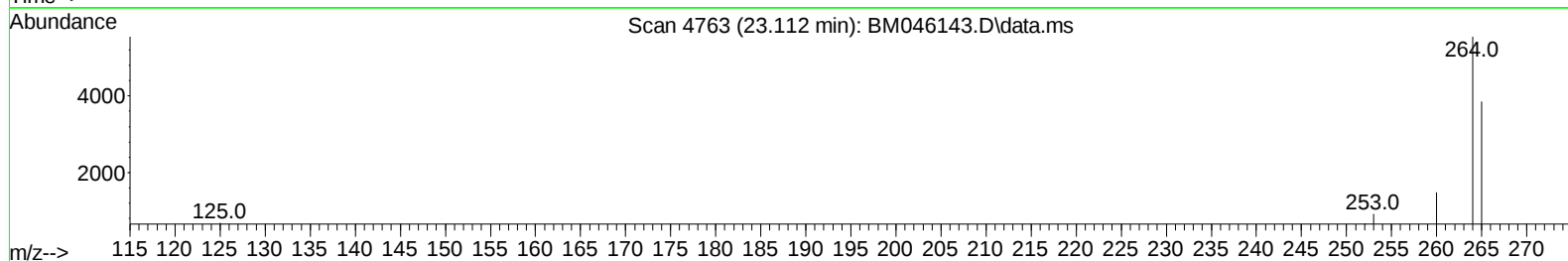
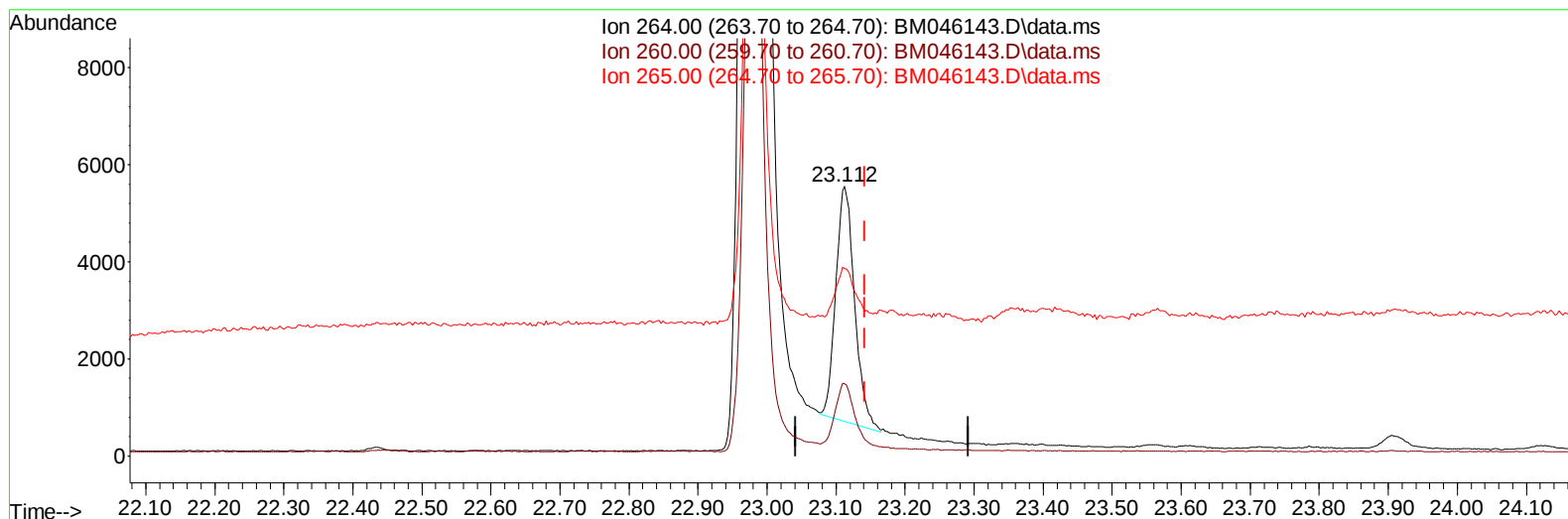
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
 Data File : BM046143.D
 Acq On : 21 Jun 2024 03:54
 Operator : MA/JU
 Sample : P2710-06DL 5X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4B27DL

Manual IntegrationsAPPROVED

Quant Time: Jun 21 04:25:17 2024
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 Supervised By :mohammad ahmed 06/24/2024



TIC: BM046143.D\data.ms

(23) Perylene-d12 (I)

23.112min (-0.030) 0.40 ng/ul m

response 9113

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	28.20	26.74
265.00	110.60	69.44#
0.00	0.00	0.00

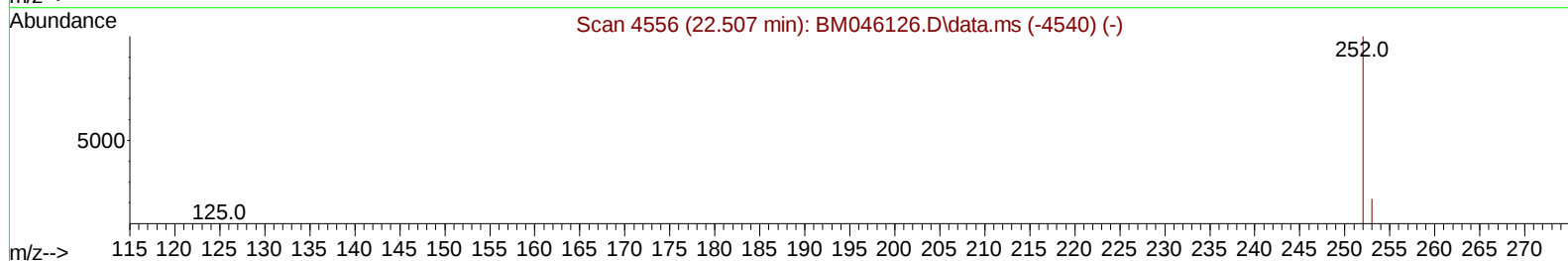
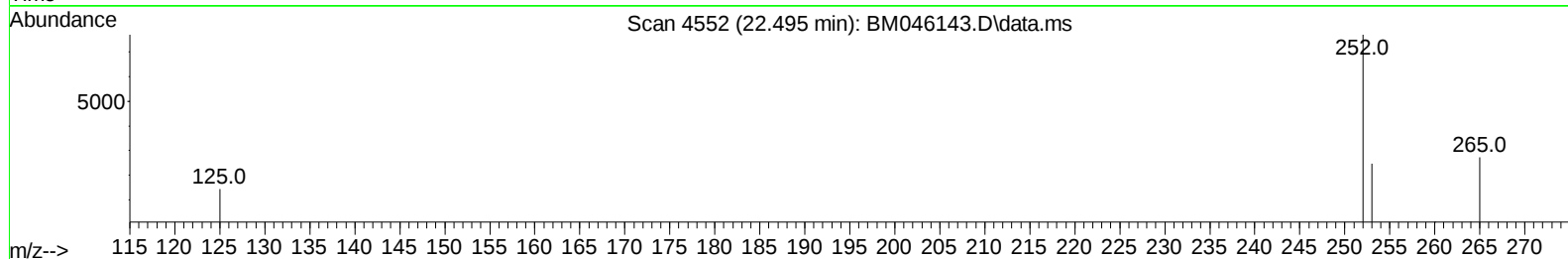
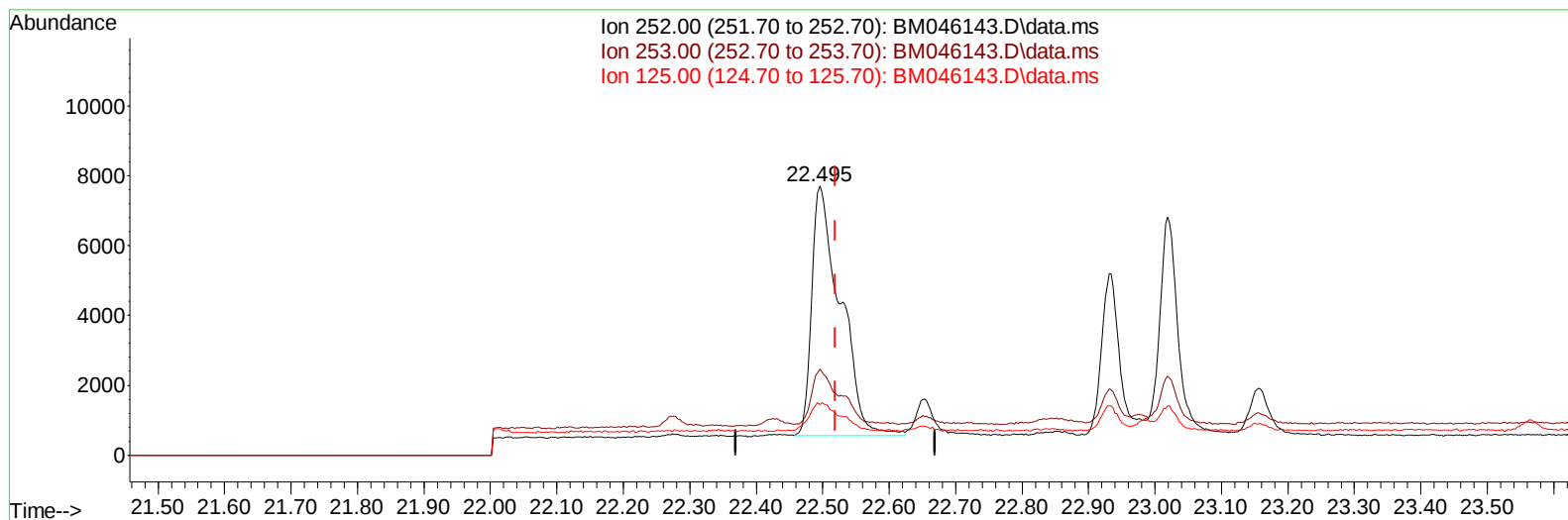
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046143.D
Acq On : 21 Jun 2024 03:54
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TIC: BM046143.D\data.ms

(24) Benzo(b)fluoranthene

22.495min (-0.024) 0.65 ng/u1

response 21206

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.90	31.91
125.00	20.10	18.71
0.00	0.00	0.00

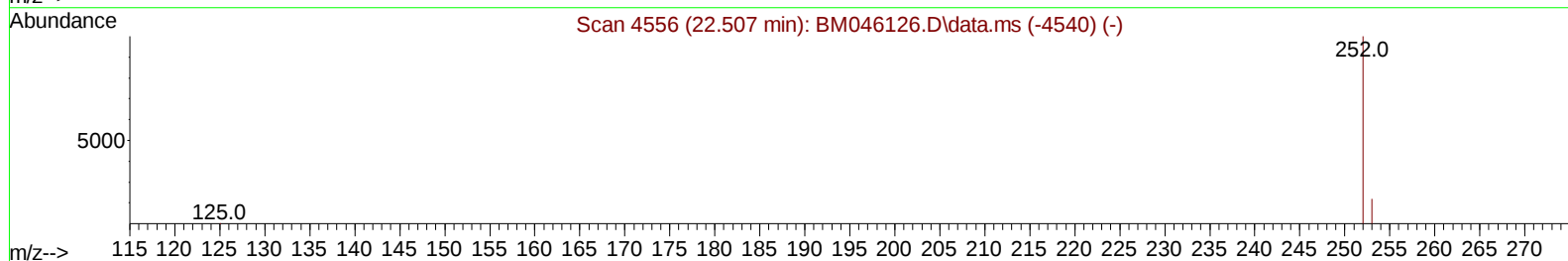
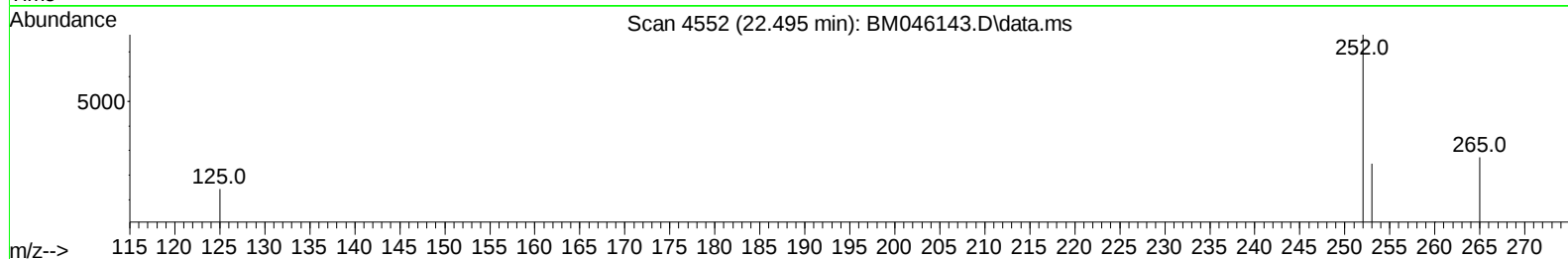
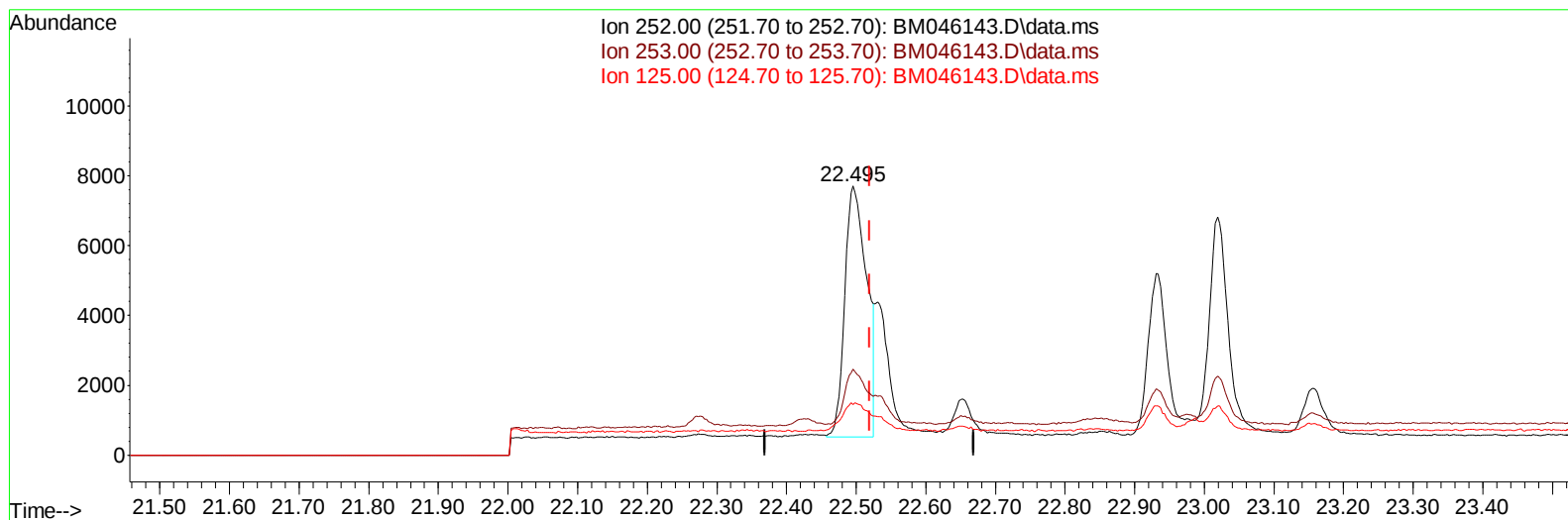
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046143.D
Acq On : 21 Jun 2024 03:54
Operator : MA/JU
Sample : P2710-06DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B27DL

Manual IntegrationsAPPROVED

Quant Time: Jun 21 04:25:17 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061824.M
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QLast Update : Tue Jun 18 13:58:29 2024
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Supervised By :mohammad ahmed 06/24/2024



TIC: BM046143.D\data.ms

(24) Benzo(b)fluoranthene

22.495min (-0.024) 0.48 ng/u1 m

response 15702

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.90	31.91
125.00	20.10	18.71
0.00	0.00	0.00

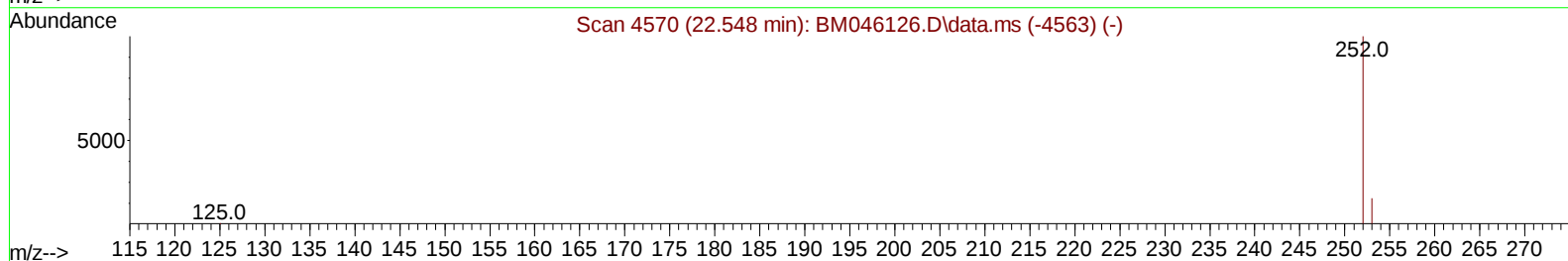
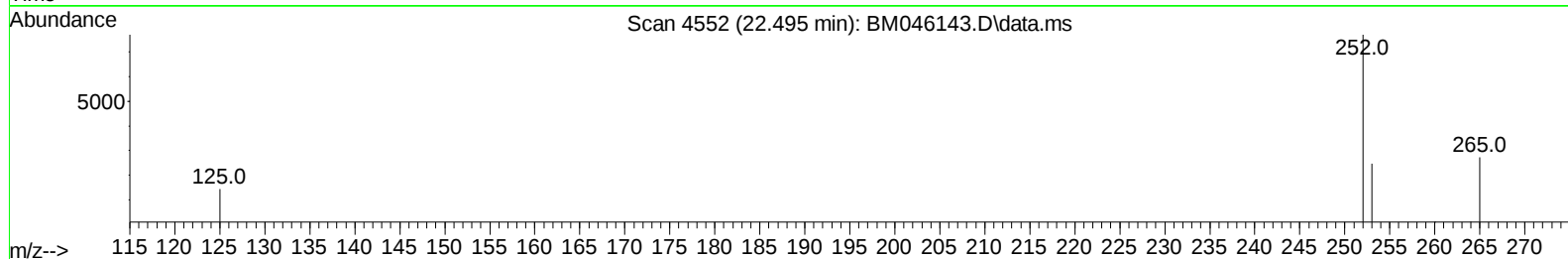
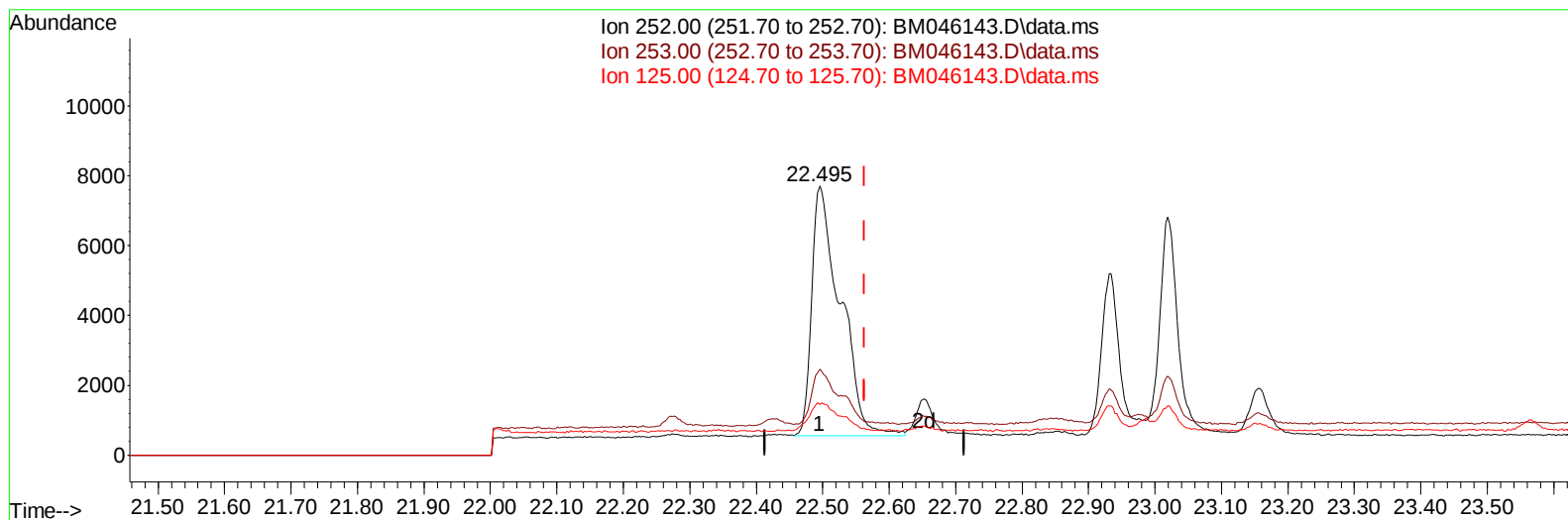
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046143.D
Acq On : 21 Jun 2024 03:54
Operator : MA/JU
Sample : P2710-06DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B27DL

Manual IntegrationsAPPROVED

Quant Time: Jun 21 04:25:17 2024
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Supervised By :mohammad ahmed 06/24/2024



TIC: BM046143.D\data.ms

(25) Benzo(k)fluoranthene

22.495min (-0.068) 0.54 ng/u1

response 21151

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	31.91
125.00	20.80	18.71
0.00	0.00	0.00

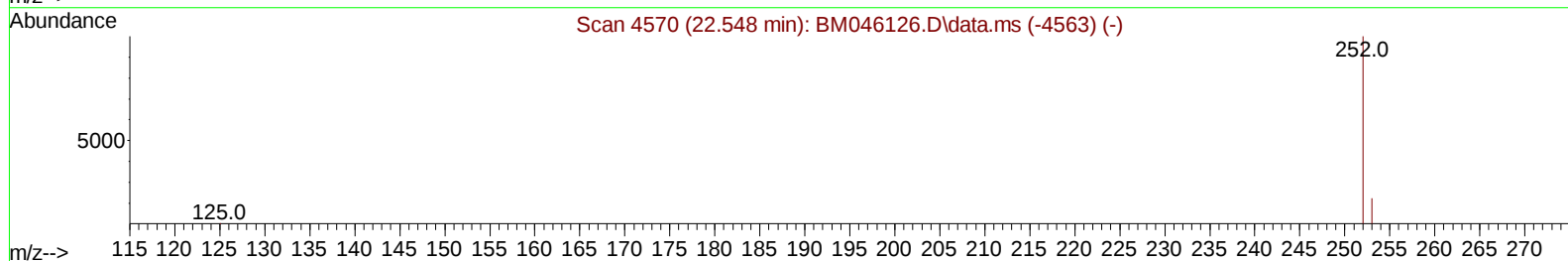
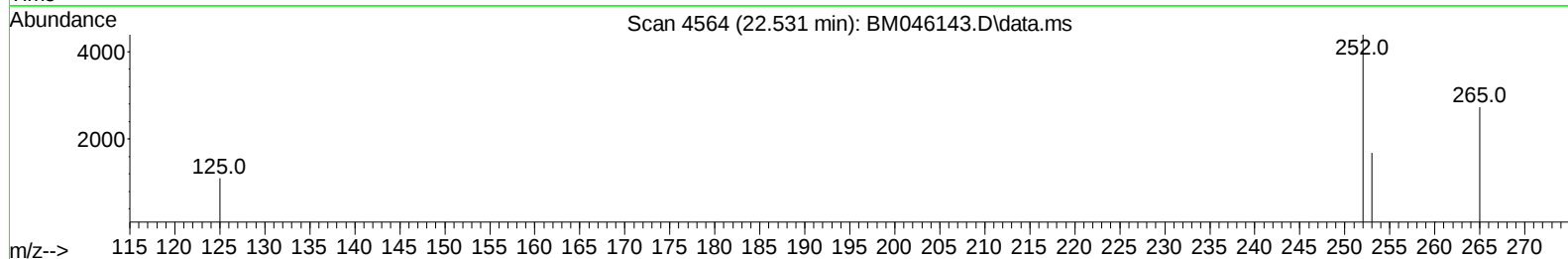
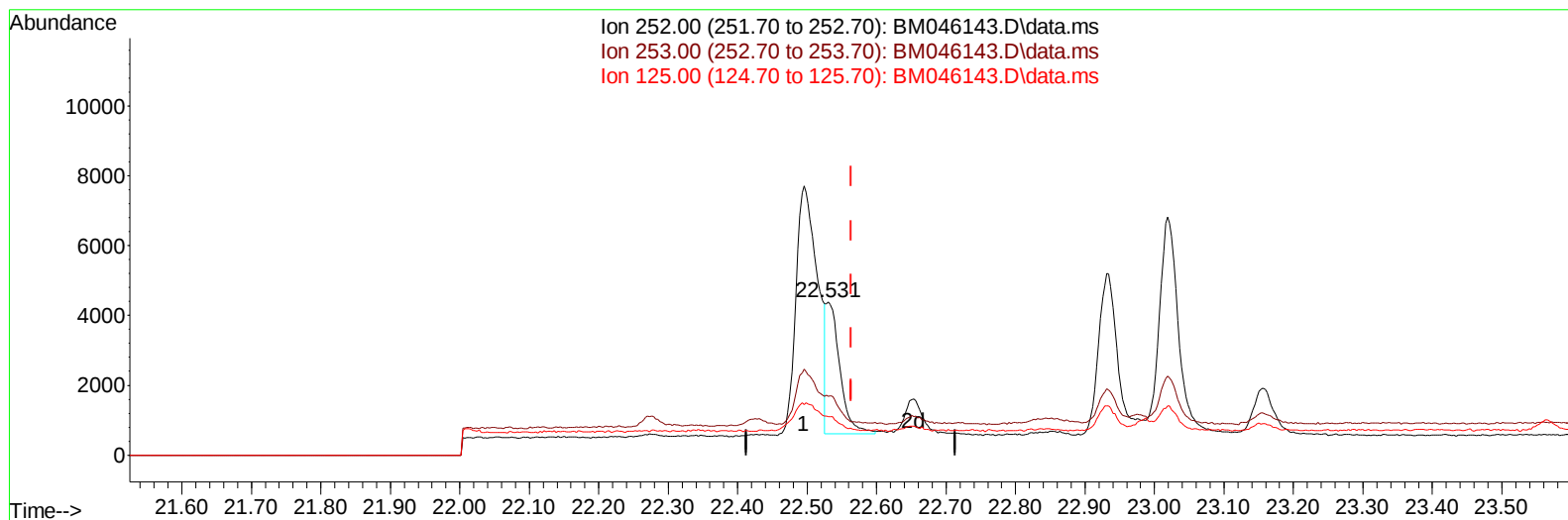
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
Data File : BM046143.D
Acq On : 21 Jun 2024 03:54
Operator : MA/JU
Sample : P2710-06DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B27DL

Manual IntegrationsAPPROVED

Quant Time: Jun 21 04:25:17 2024
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QLast Update : Tue Jun 18 13:58:29 2024
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Supervised By :mohammad ahmed 06/24/2024



TIC: BM046143.D\data.ms

(25) Benzo(k)fluoranthene

22.531min (-0.033) 0.14 ng/u1 m

response 5306

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	38.36
125.00	20.80	25.22#
0.00	0.00	0.00

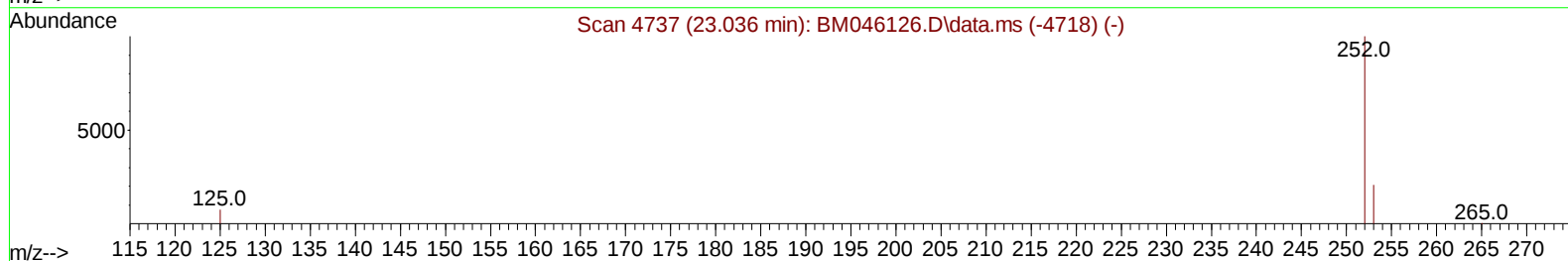
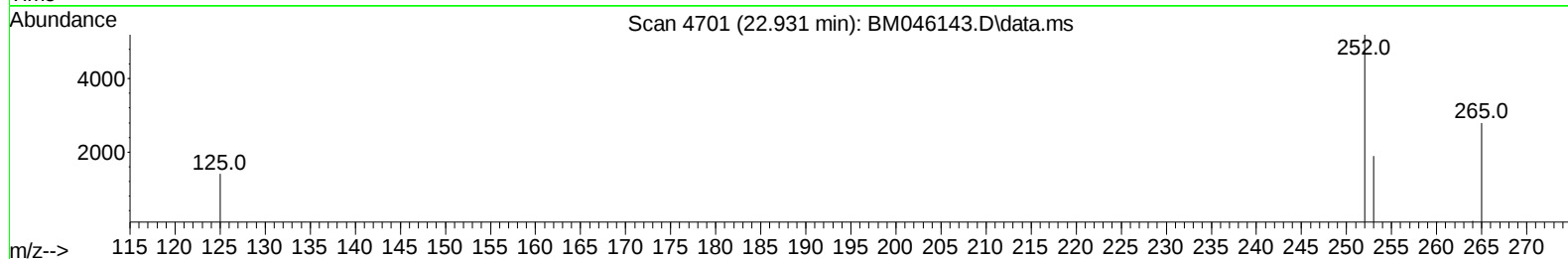
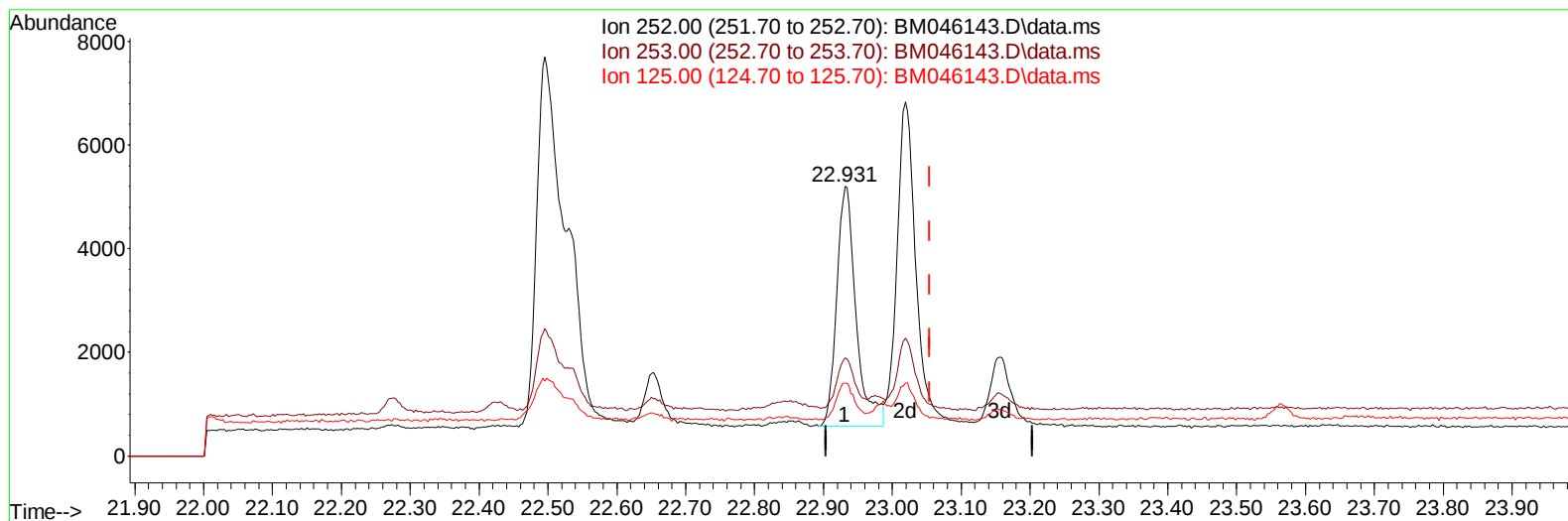
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
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Operator : MA/JU
Sample : P2710-06DL 5X
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4B27DL

Manual IntegrationsAPPROVED

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TIC: BM046143.D\data.ms

(26) Benzo(a)pyrene (C)

22.931min (-0.123) 0.30 ng/u1

response 9066

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	40.10	36.39
125.00	26.50	26.97
0.00	0.00	0.00

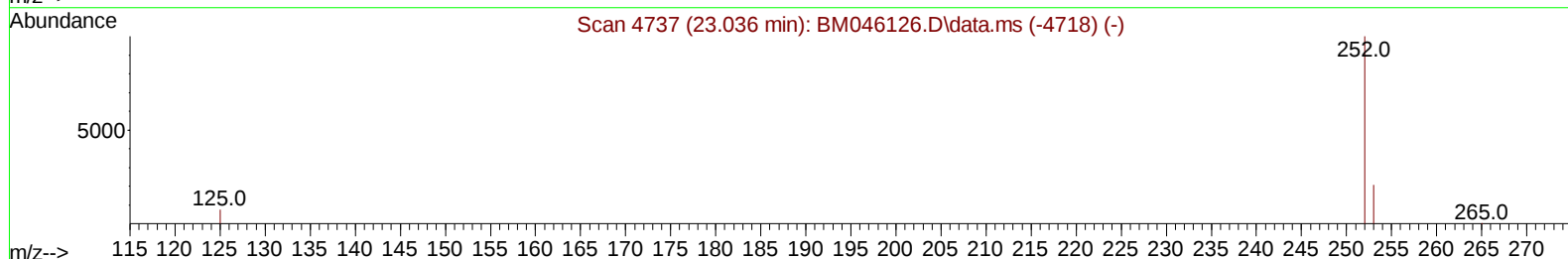
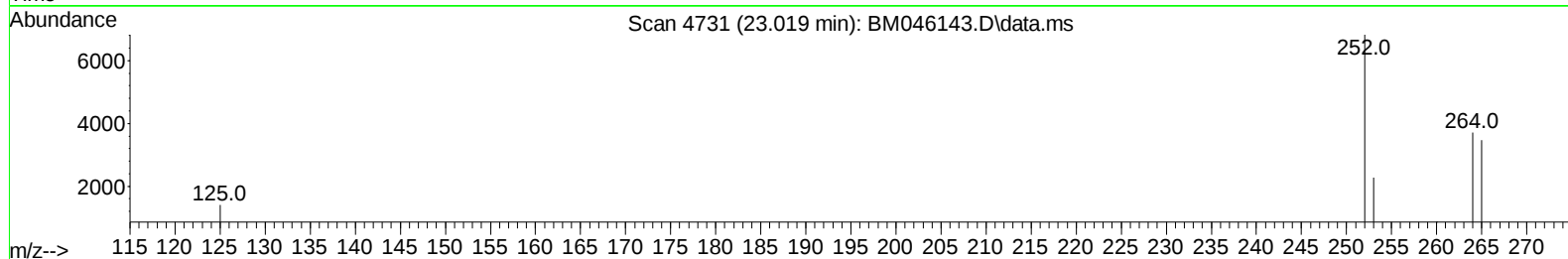
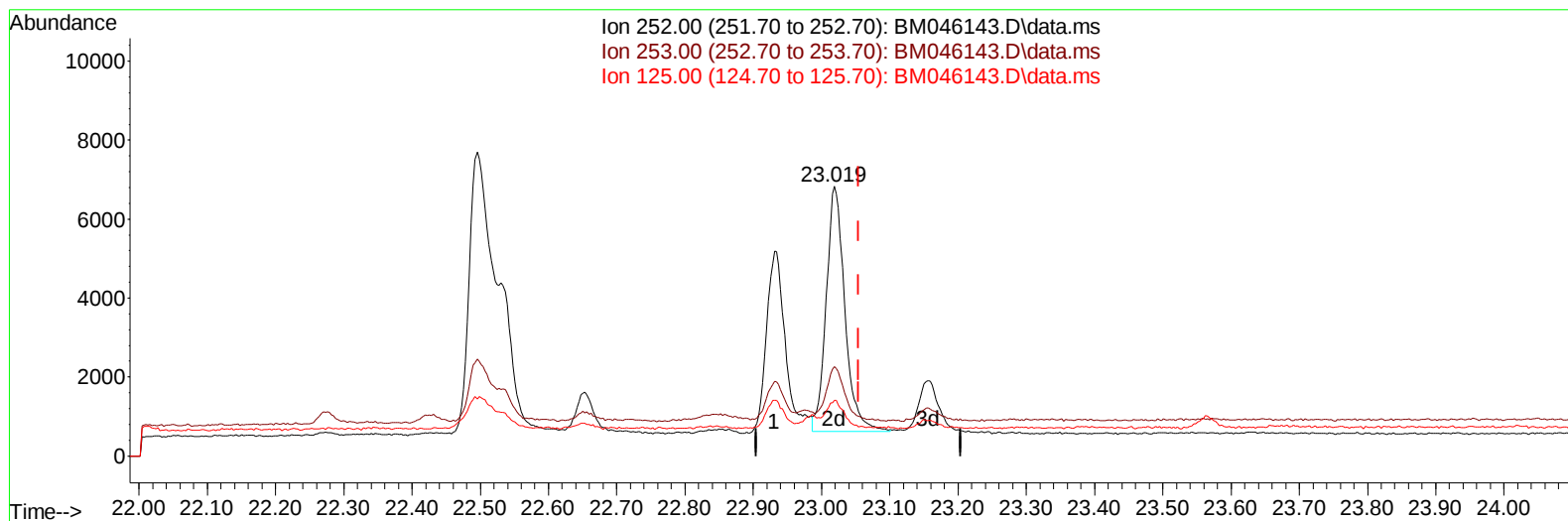
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
 Data File : BM046143.D
 Acq On : 21 Jun 2024 03:54
 Operator : MA/JU
 Sample : P2710-06DL 5X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4B27DL

Manual IntegrationsAPPROVED

Quant Time: Jun 21 04:25:17 2024
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 Supervised By :mohammad ahmed 06/24/2024



TIC: BM046143.D\data.ms

(26) Benzo(a)pyrene (C)

23.019min (-0.036) 0.39 ng/u1 m

response 11842

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	40.10	33.24
125.00	26.50	20.58#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062024\
 Data File : BM046143.D
 Acq On : 21 Jun 2024 03:54
 Operator : MA/JU
 Sample : P2710-06DL 5X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4B27DL

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 06/21/2024
 Supervised By :mohammad ahmed 06/24/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.430	152	3083	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.221	136	8659	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.076	164	4987	0.400	ng/ul	-0.04
13) Phenanthrene-d10	16.824	188	9870	0.400	ng/ul	-0.04
17) Chrysene-d12	21.020	240	8026	0.400	ng/ul	-0.02
23) Perylene-d12	23.112	264	9113m	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.037	96	3468	0.820	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.860	152	631	0.054	ng/ul	0.00
18) Fluoranthene-d10	18.853	212	1466	0.061	ng/ul	-0.03
Target Compounds						
					Qvalue	
5) Naphthalene	10.271	128	695	0.029	ng/ul#	62
8) 1-Methylnaphthalene	12.135	142	350	0.023	ng/ul	97
10) Acenaphthylene	13.799	152	741	0.031	ng/ul#	65
11) Acenaphthene	14.141	153	1221	0.072	ng/ul	98
12) Fluorene	15.140	166	1132	0.062	ng/ul#	95
15) Phenanthrene	16.862	178	24663	0.889	ng/ul	97
16) Anthracene	16.955	178	3534	0.171	ng/ul#	92
19) Fluoranthene	18.881	202	29114	0.838	ng/ul	98
20) Pyrene	19.244	202	34385	0.915	ng/ul	98
21) Benzo(a)anthracene	21.005	228	12187	0.393	ng/ul	98
22) Chrysene	21.058	228	13792	0.349	ng/ul	98
24) Benzo(b)fluoranthene	22.495	252	15702m	0.478	ng/ul	
25) Benzo(k)fluoranthene	22.531	252	5306m	0.136	ng/ul	
26) Benzo(a)pyrene	23.019	252	11842m	0.389	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.168	276	8039	0.161	ng/ul#	87
28) Dibenzo(a,h)anthracene	25.172	278	1874	0.051	ng/ul#	58
29) Benzo(g,h,i)perylene	25.789	276	8808	0.206	ng/ul	98

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

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