

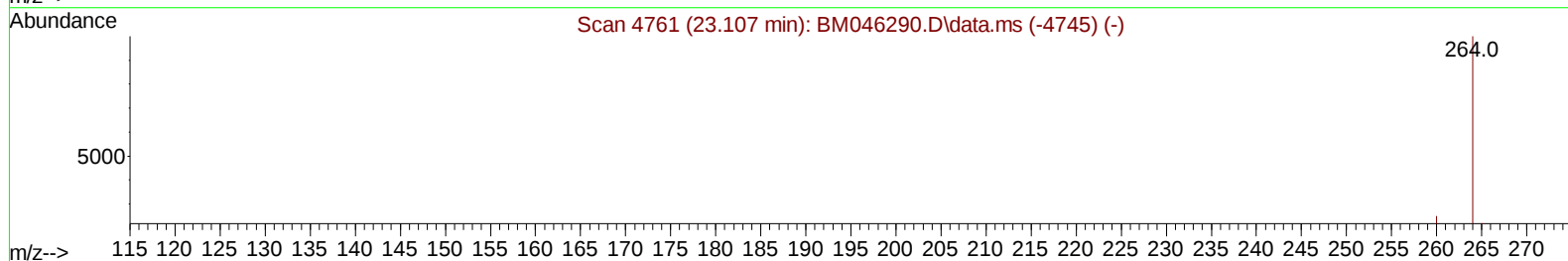
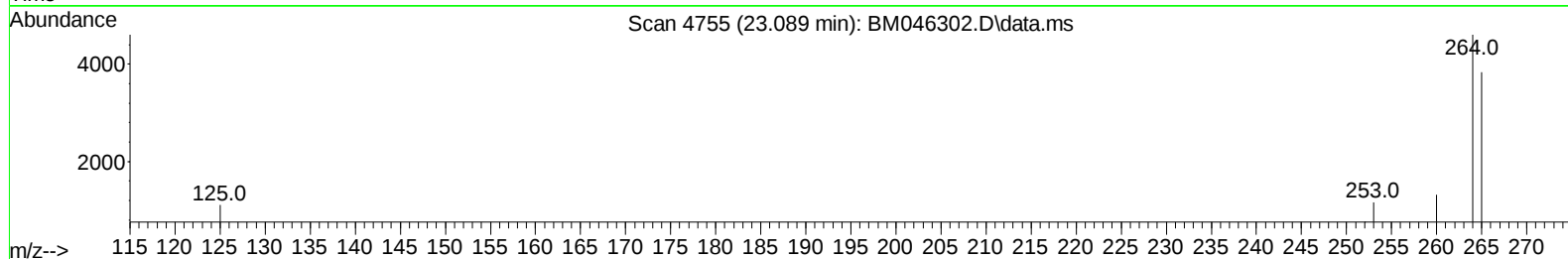
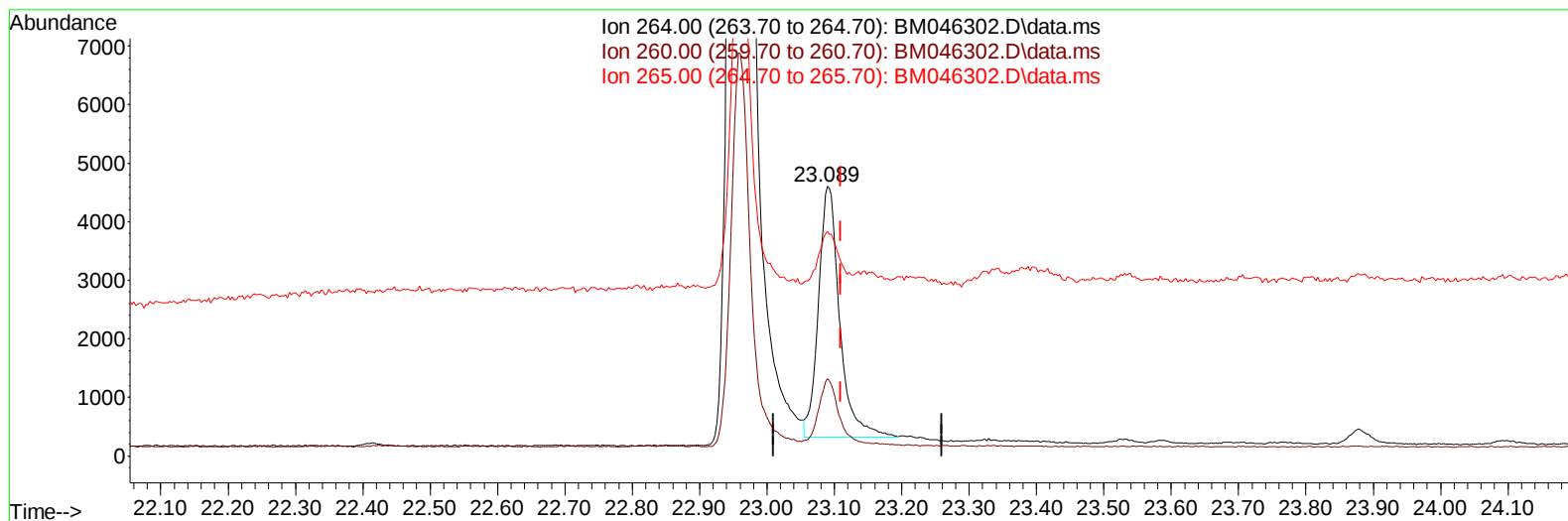
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046302.D
Acq On : 25 Jun 2024 21:34
Operator : MA/JU
Sample : P2844-23DL 5X
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C48DL

Manual IntegrationsAPPROVED

Quant Time: Jun 25 23:29:26 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 25 08:04:59 2024
Response via : Initial Calibration

Reviewed By :Yogesh Patel 06/26/2024
Supervised By :mohammad ahmed 06/27/2024



TIC: BM046302.D\data.ms

(23) Perylene-d12 (I)

23.089min (-0.020) 0.40 ng/u1

response 9309

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	28.20	28.77
265.00	110.60	83.31#
0.00	0.00	0.00

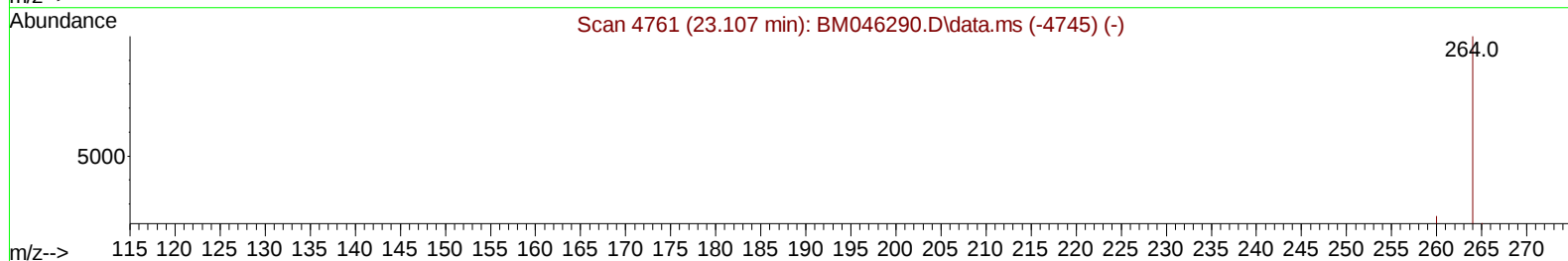
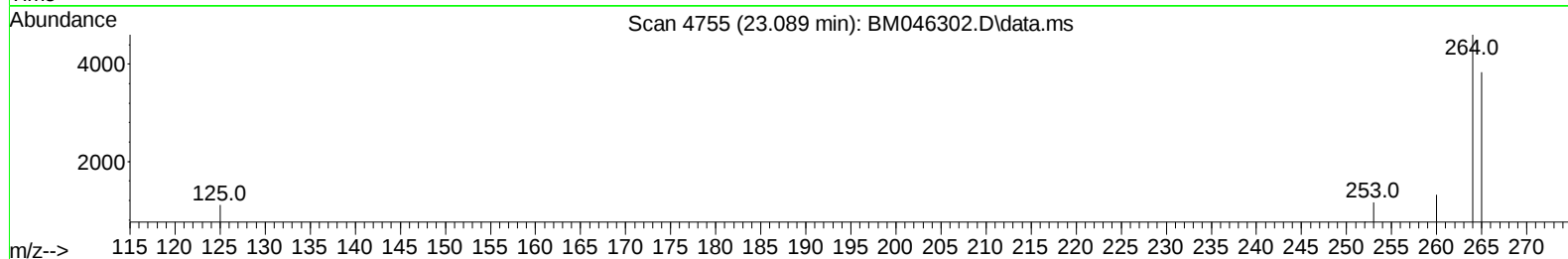
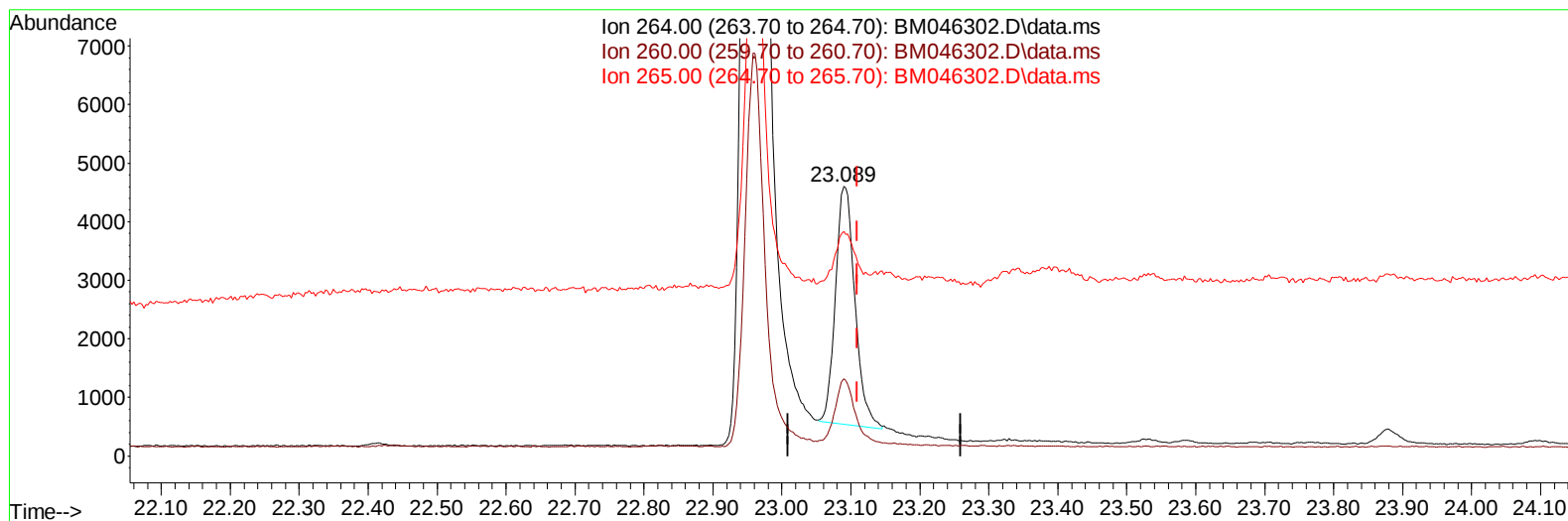
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TIC: BM046302.D\data.ms

(23) Perylene-d12 (I)

23.089min (-0.020) 0.40 ng/u1 m

response 7977

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	28.20	28.77
265.00	110.60	83.31#
0.00	0.00	0.00

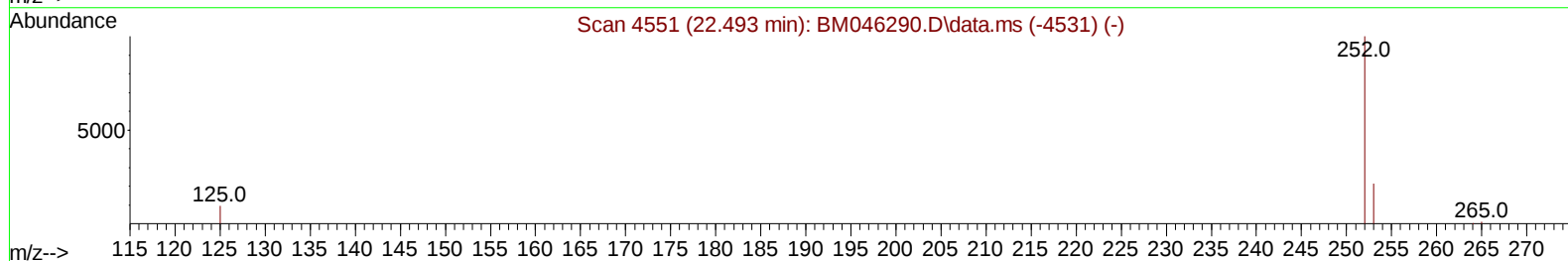
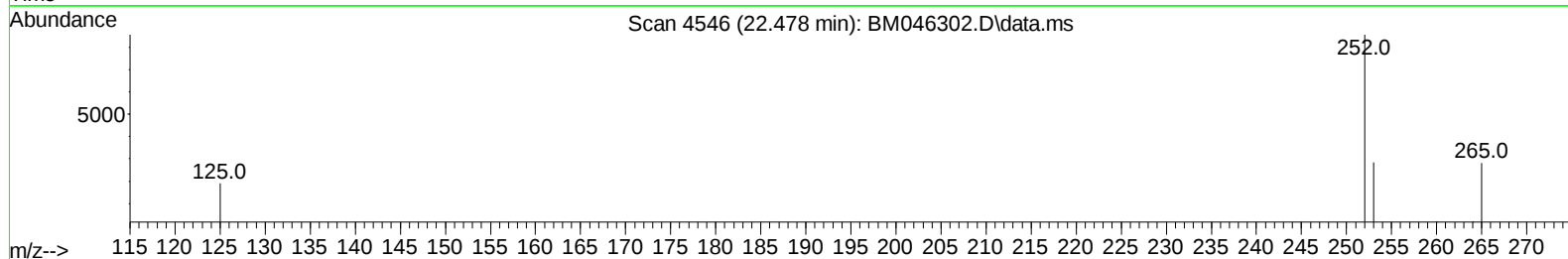
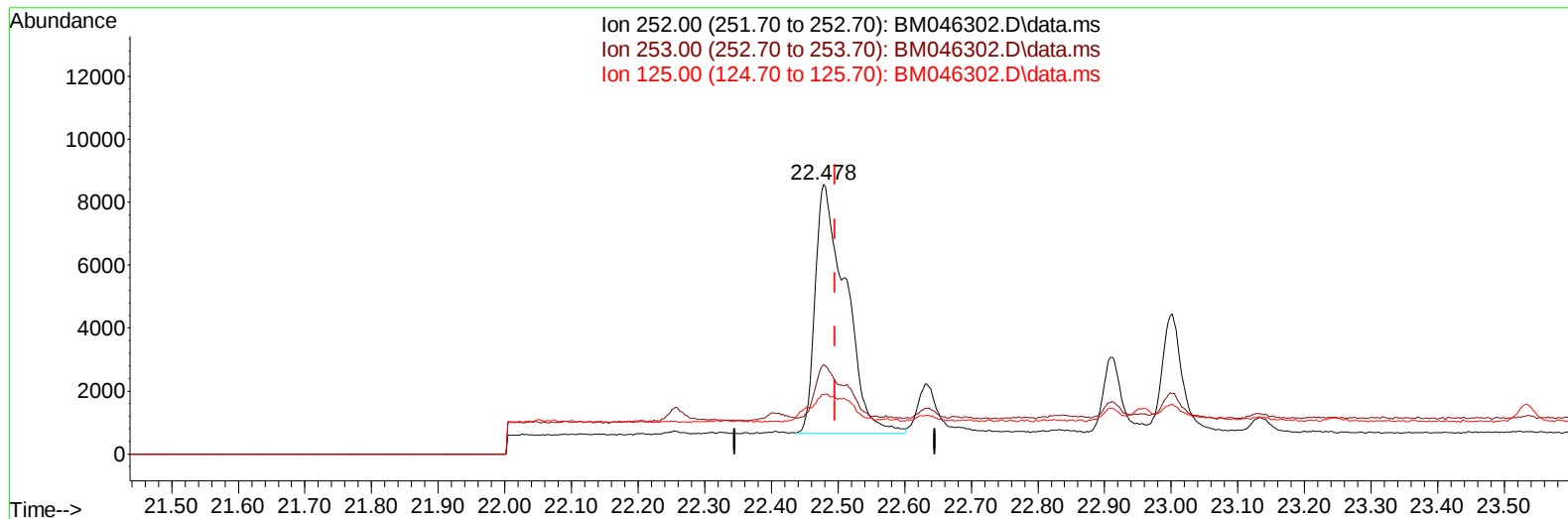
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ClientSampleId :
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TIC: BM046302.D\data.ms

(24) Benzo(b)fluoranthene

22.478min (-0.017) 0.88 ng/u1

response 25215

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.90	33.16
125.00	20.10	22.11
0.00	0.00	0.00

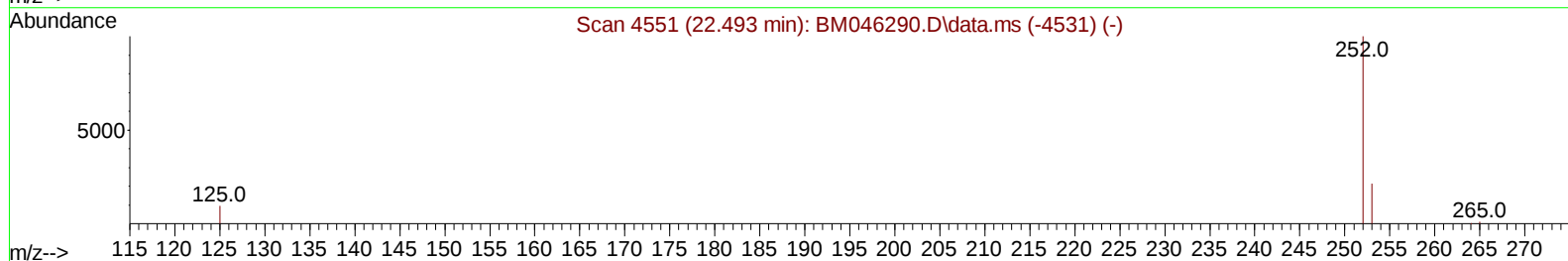
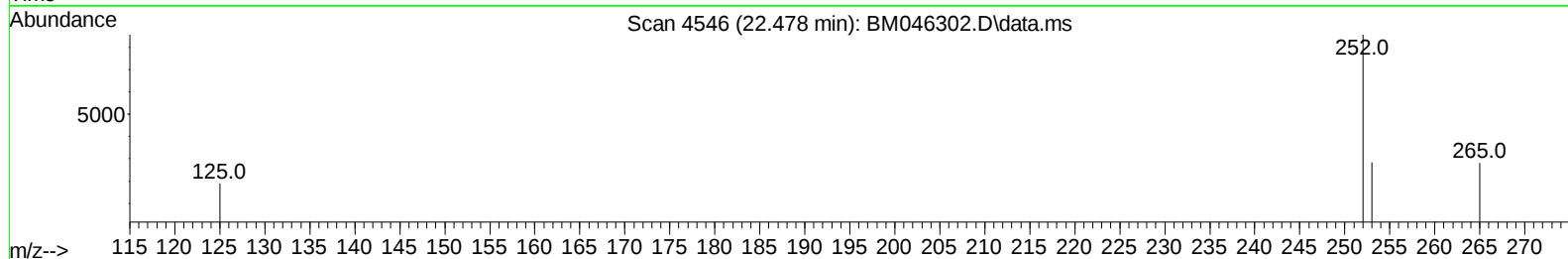
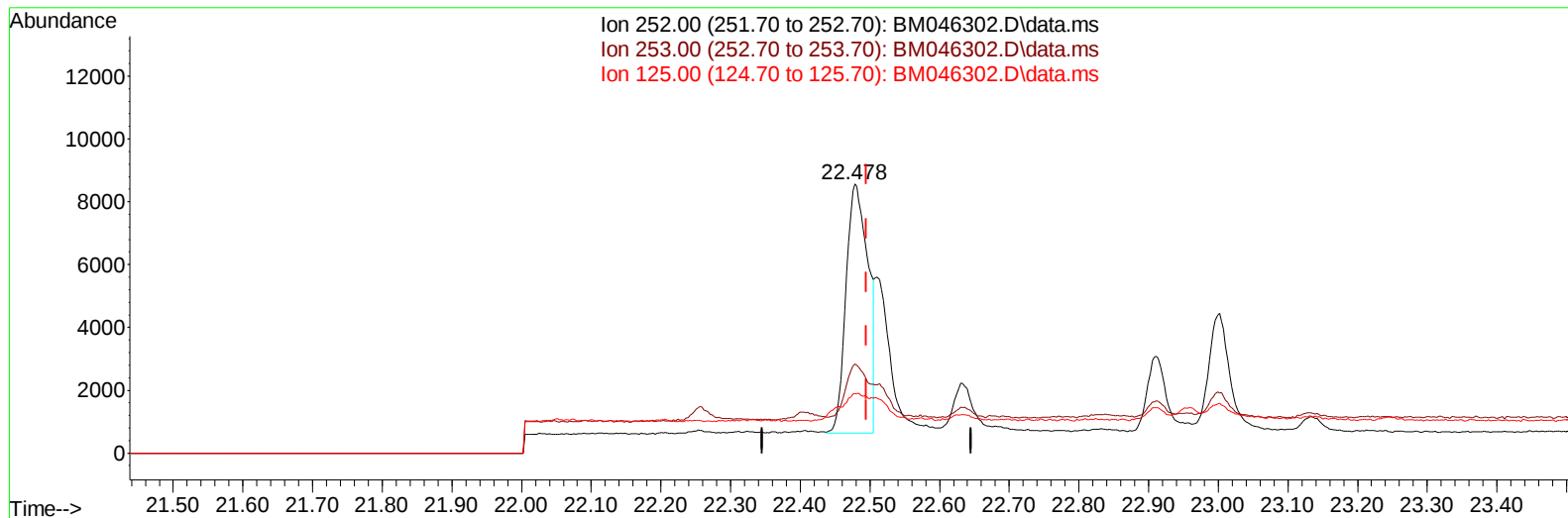
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046302.D
Acq On : 25 Jun 2024 21:34
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Sample : P2844-23DL 5X
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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TIC: BM046302.D\data.ms

(24) Benzo(b)fluoranthene

22.478min (-0.017) 0.61 ng/u1 m

response 17516

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.90	33.16
125.00	20.10	22.11
0.00	0.00	0.00

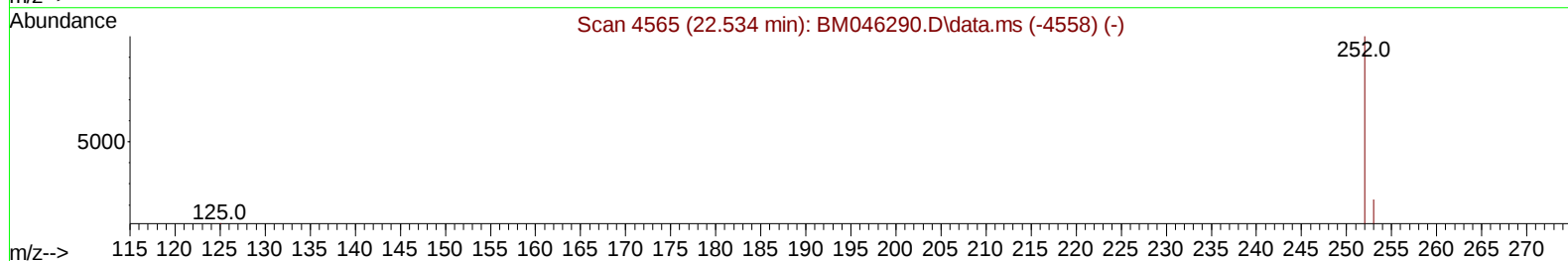
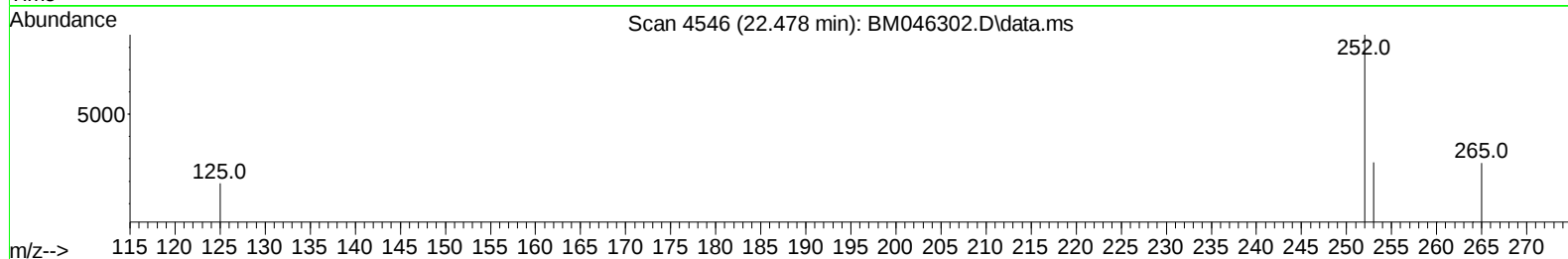
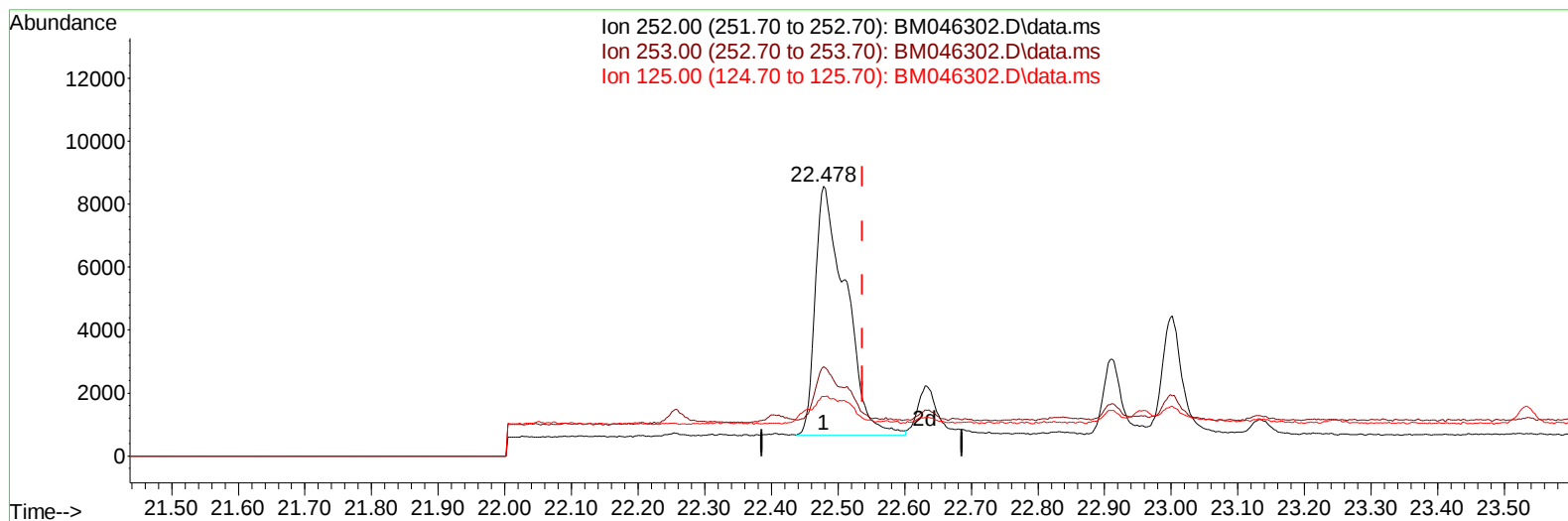
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046302.D
Acq On : 25 Jun 2024 21:34
Operator : MA/JU
Sample : P2844-23DL 5X
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C48DL

Manual IntegrationsAPPROVED

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TIC: BM046302.D\data.ms

(25) Benzo(k)fluoranthene

22.478min (-0.058) 0.74 ng/u1

response 25215

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	33.16
125.00	20.80	22.11
0.00	0.00	0.00

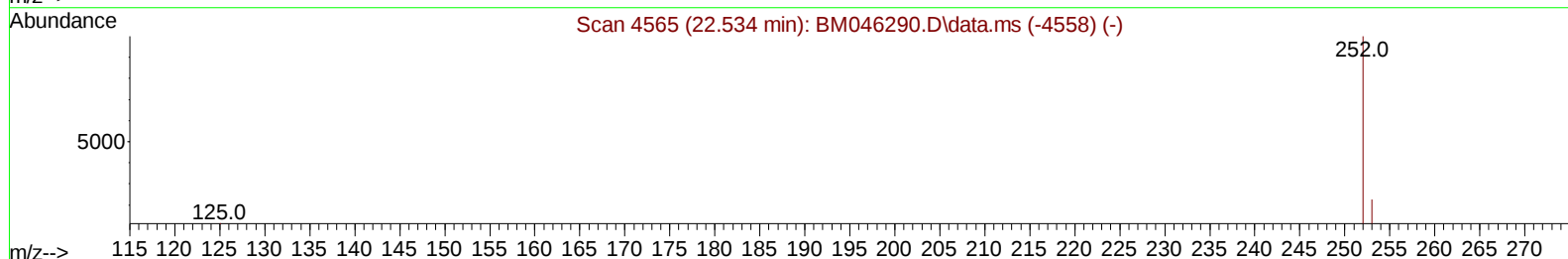
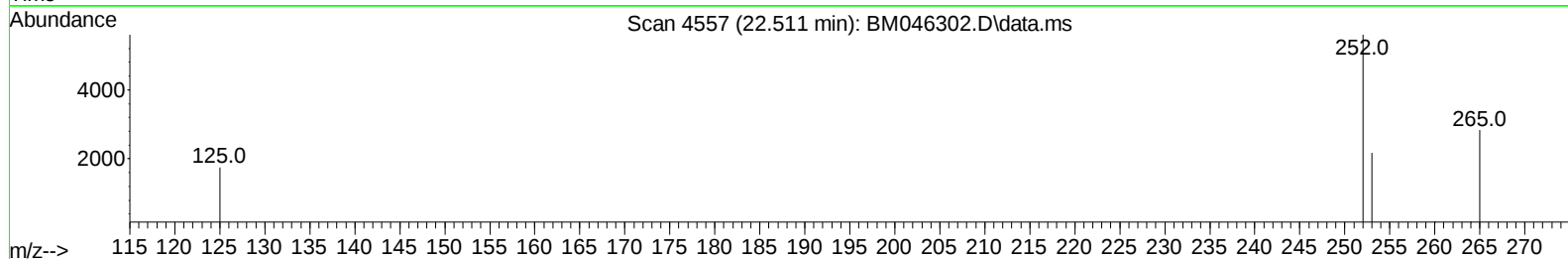
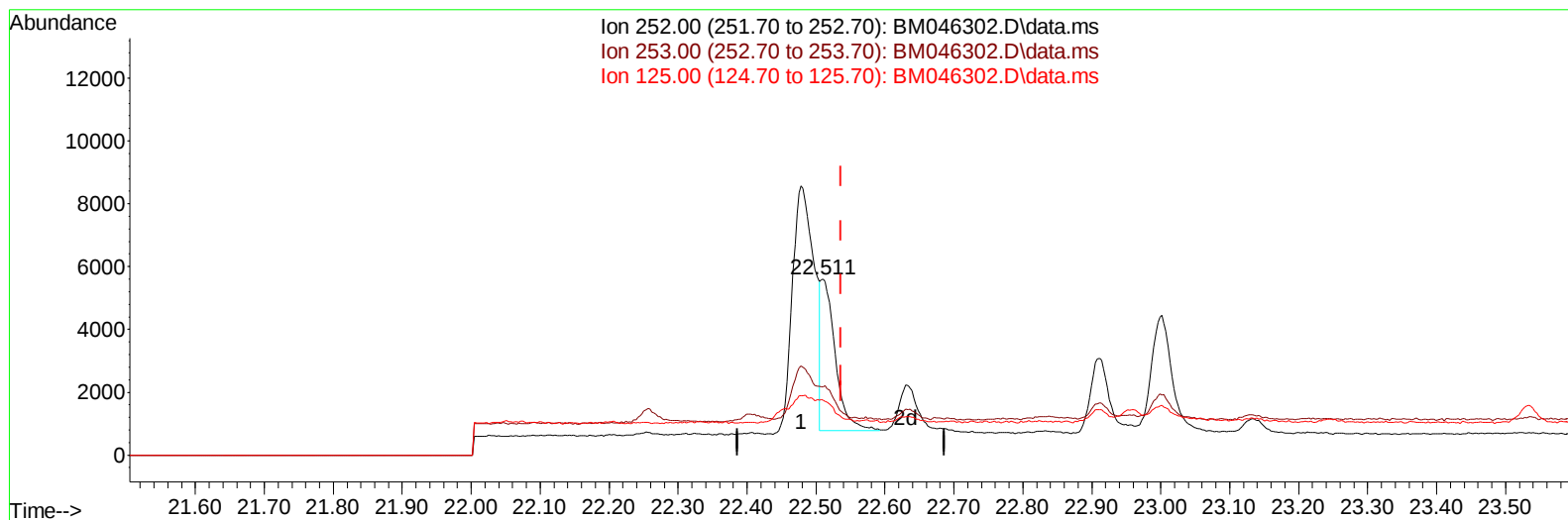
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Data File : BM046302.D
Acq On : 25 Jun 2024 21:34
Operator : MA/JU
Sample : P2844-23DL 5X
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C48DL

Manual IntegrationsAPPROVED

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Supervised By :mohammad ahmed 06/27/2024



TIC: BM046302.D\data.ms

(25) Benzo(k)fluoranthene

22.511min (-0.026) 0.21 ng/u1 m

response 7123

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	38.69
125.00	20.80	31.31#
0.00	0.00	0.00

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 Operator : MA/JU
 Sample : P2844-23DL 5X
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C48DL

Manual IntegrationsAPPROVED

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.404	152	2486	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.193	136	7466	0.400	ng/ul	-0.06
9) Acenaphthene-d10	14.057	164	4115	0.400	ng/ul	-0.03
13) Phenanthrene-d10	16.806	188	8142	0.400	ng/ul	-0.05
17) Chrysene-d12	21.003	240	6900	0.400	ng/ul	-0.02
23) Perylene-d12	23.089	264	7977m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.025	96	1770	0.519	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.782	152	470	0.047	ng/ul	-0.09
18) Fluoranthene-d10	18.833	212	944	0.046	ng/ul	-0.04
Target Compounds						Qvalue
5) Naphthalene	10.248	128	642	0.031	ng/ul#	48
7) 2-Methylnaphthalene	11.853	142	275	0.023	ng/ul	83
10) Acenaphthylene	13.774	152	2060	0.106	ng/ul#	83
11) Acenaphthene	14.117	153	342	0.024	ng/ul#	89
12) Fluorene	15.121	166	494	0.033	ng/ul#	91
15) Phenanthrene	16.849	178	9897	0.433	ng/ul	99
16) Anthracene	16.937	178	2335	0.137	ng/ul#	88
19) Fluoranthene	18.866	202	24190	0.810	ng/ul	96
20) Pyrene	19.224	202	20298	0.628	ng/ul	99
21) Benzo(a)anthracene	20.988	228	12502	0.469	ng/ul	93
22) Chrysene	21.038	228	11870	0.349	ng/ul	96
24) Benzo(b)fluoranthene	22.478	252	17516m	0.609	ng/ul	
25) Benzo(k)fluoranthene	22.511	252	7123m	0.208	ng/ul	
26) Benzo(a)pyrene	23.002	252	7526	0.283	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	25.135	276	8995	0.206	ng/ul#	85
28) Dibenzo(a,h)anthracene	25.135	278	2278	0.070	ng/ul#	34
29) Benzo(g,h,i)perylene	25.756	276	1279	0.034	ng/ul#	25

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

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