

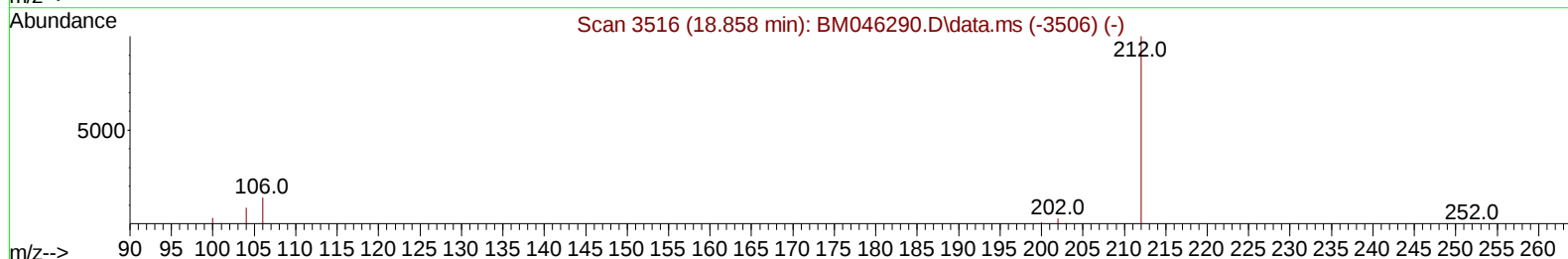
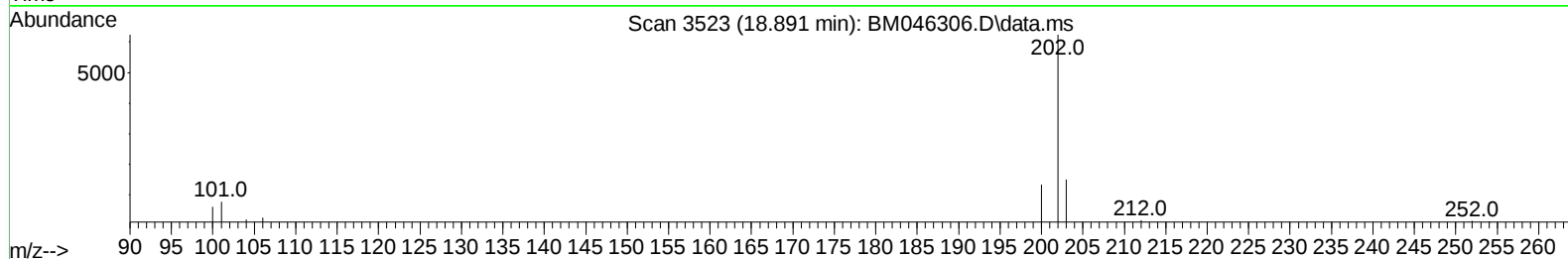
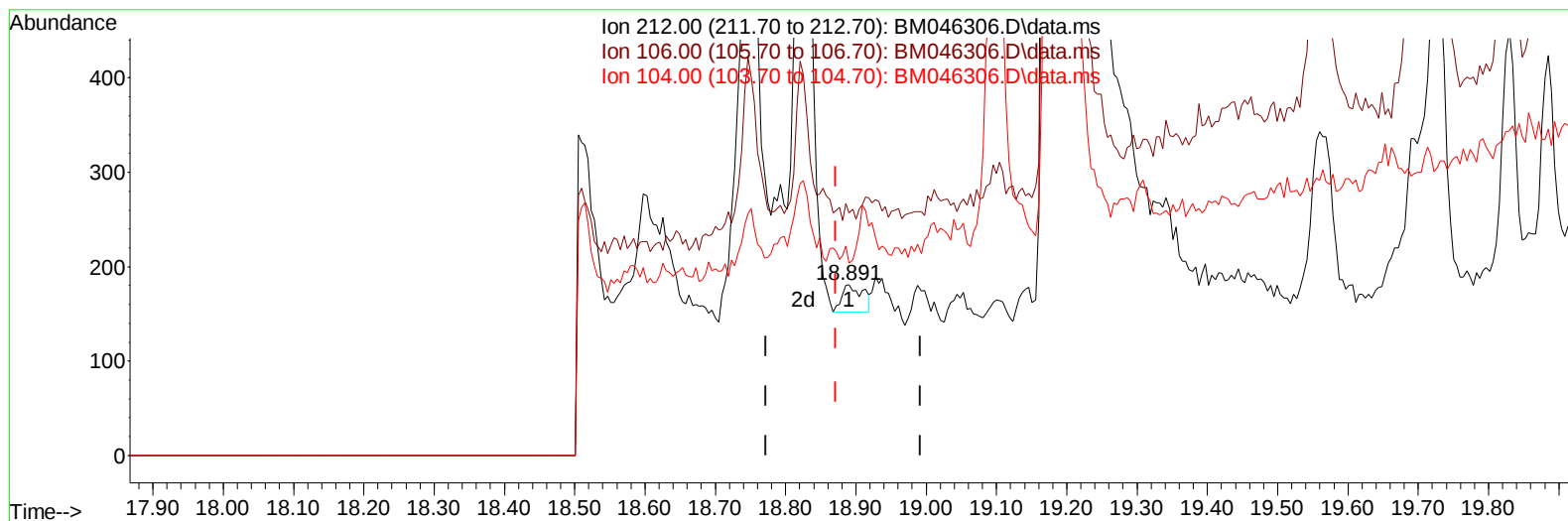
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046306.D
Acq On : 26 Jun 2024 00:00
Operator : MA/JU
Sample : P2844-15DL 5X
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C69DL

Manual IntegrationsAPPROVED

Quant Time: Jun 26 01:23:51 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: BM046306.D\data.ms

(18) Fluoranthene-d10 (SURR)

18.891min (+ 0.019) 0.00 ng/u1

response 61

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	15.70	18.03
104.00	10.30	11.48
0.00	0.00	0.00

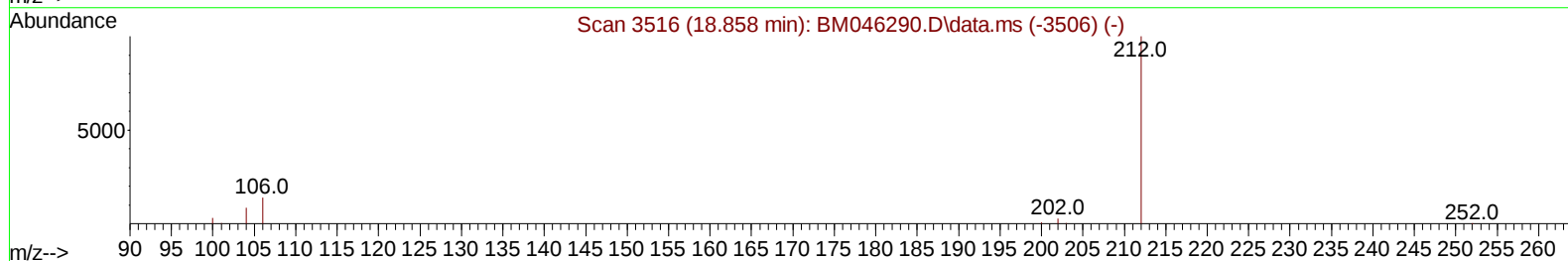
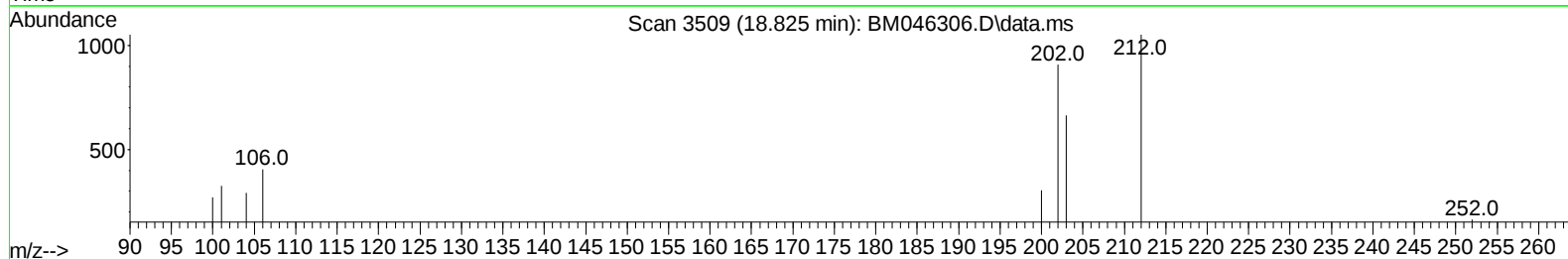
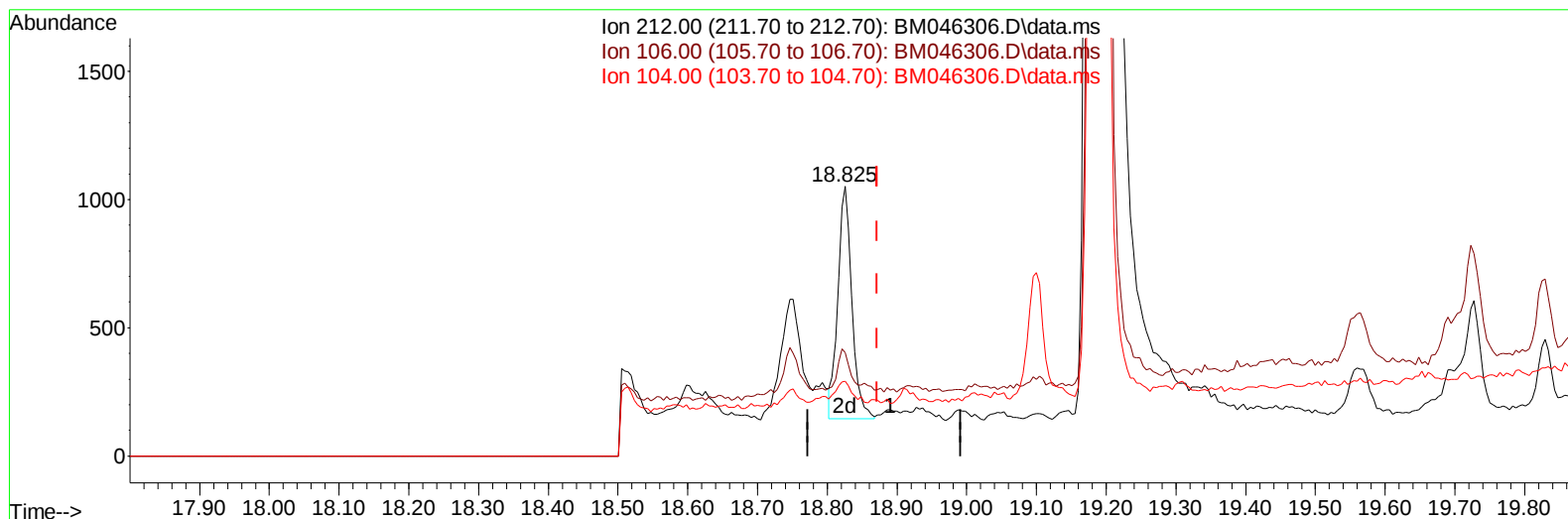
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Data File : BM046306.D
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TIC: BM046306.D\data.ms

(18) Fluoranthene-d10 (SURR)

18.825min (-0.047) 0.07 ng/u1 m

response 1272

Ion	Exp%	Act%
212.00	100.00	100.00
106.00	15.70	0.86#
104.00	10.30	0.55#
0.00	0.00	0.00

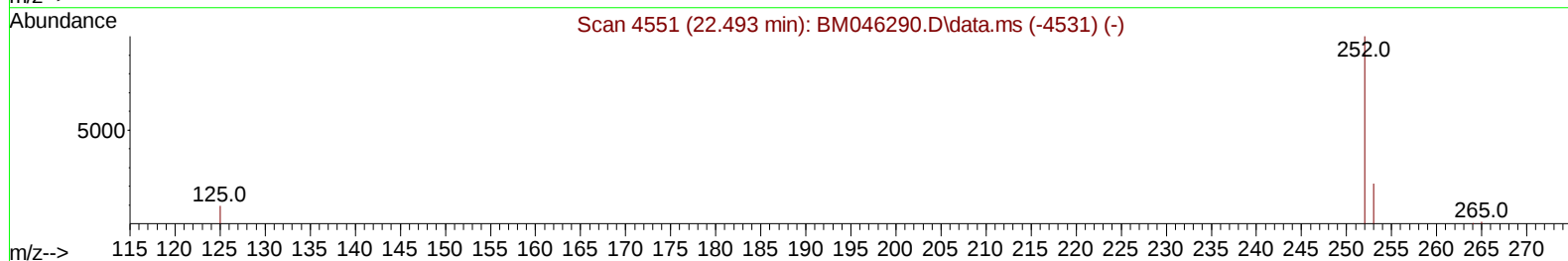
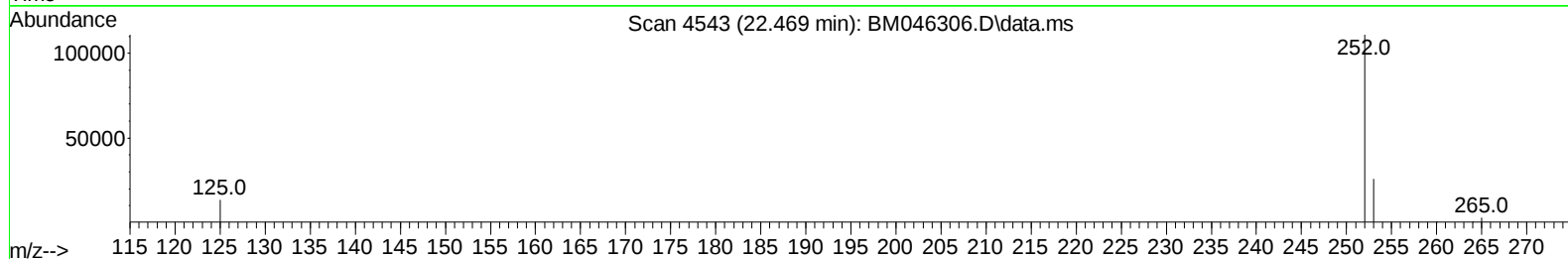
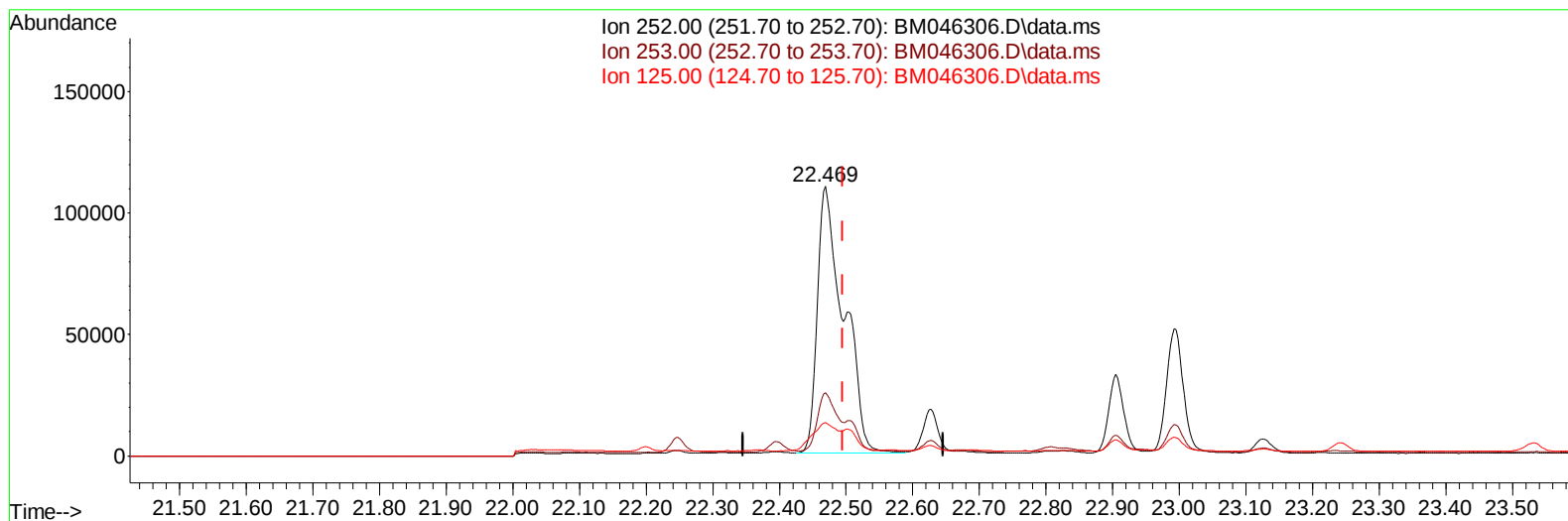
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046306.D
Acq On : 26 Jun 2024 00:00
Operator : MA/JU
Sample : P2844-15DL 5X
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C69DL

Manual IntegrationsAPPROVED

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TIC: BM046306.D\data.ms

(24) Benzo(b)fluoranthene

22.469min (-0.026) 10.42 ng/u1

response 303716

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.90	23.45
125.00	20.10	12.34
0.00	0.00	0.00

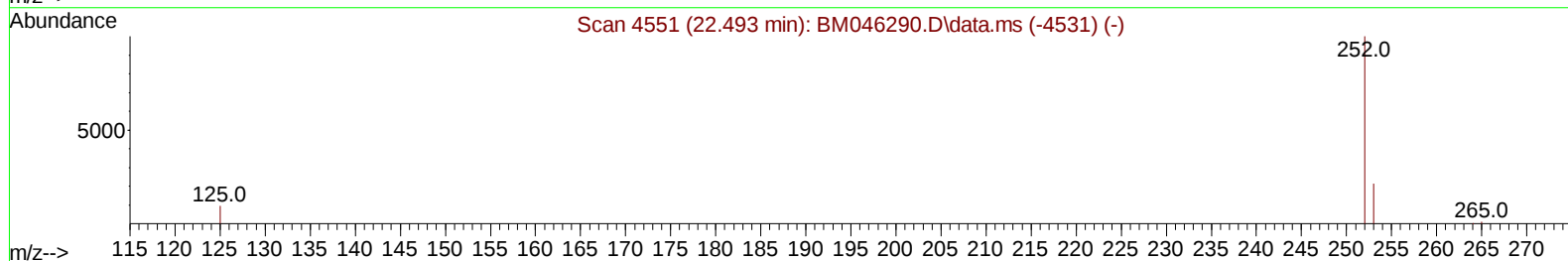
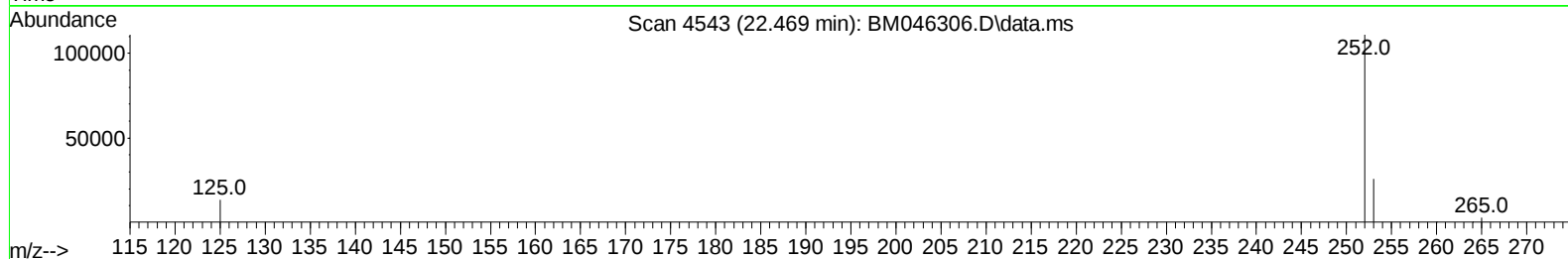
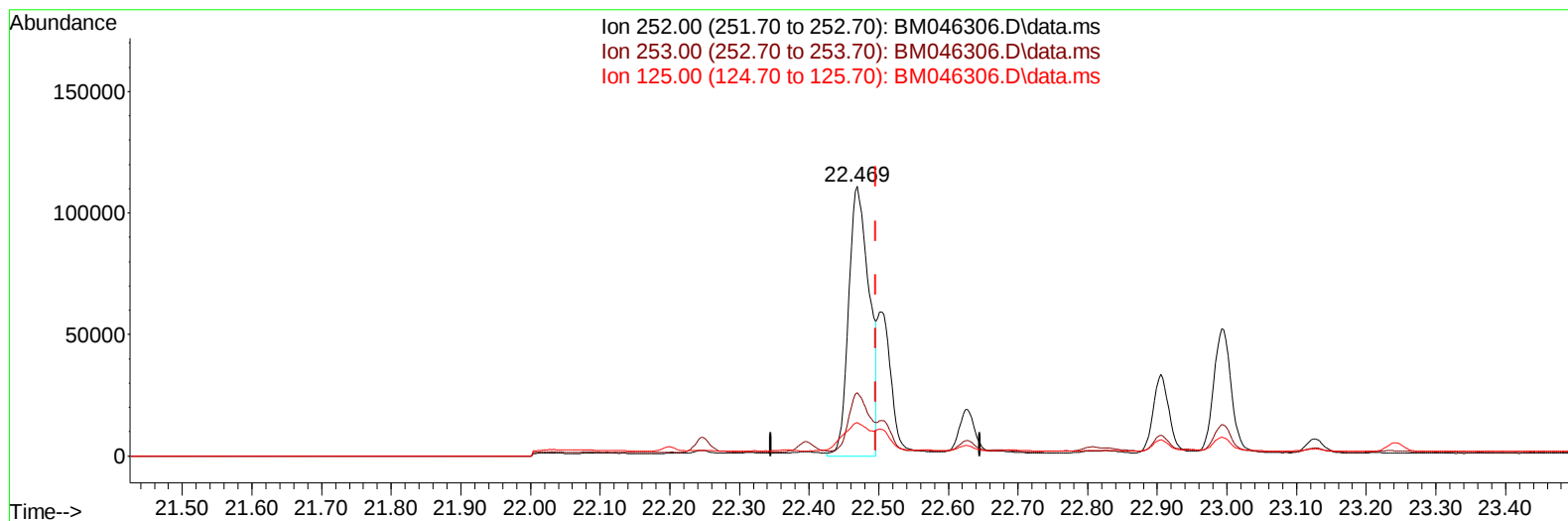
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046306.D
Acq On : 26 Jun 2024 00:00
Operator : MA/JU
Sample : P2844-15DL 5X
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C69DL

Manual IntegrationsAPPROVED

Quant Time: Jun 26 01:23:51 2024
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TIC: BM046306.D\data.ms

(24) Benzo(b)fluoranthene

22.469min (-0.026) 7.83 ng/u1 m

response 228185

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.90	23.45
125.00	20.10	12.34
0.00	0.00	0.00

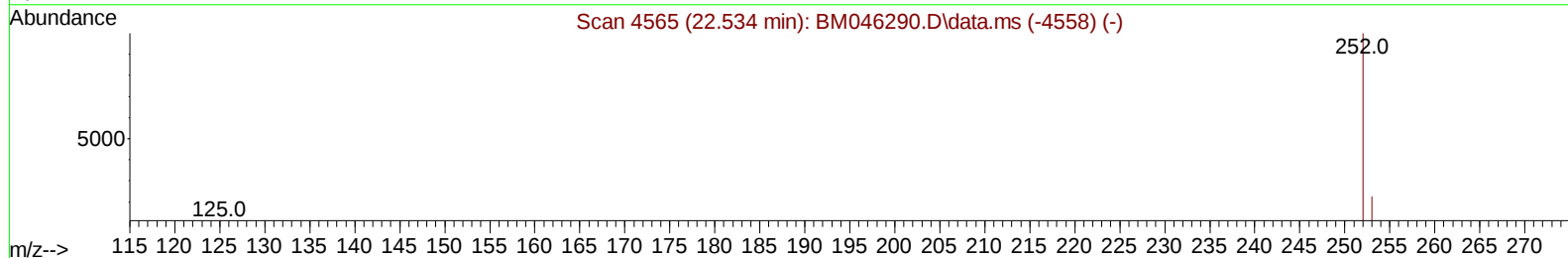
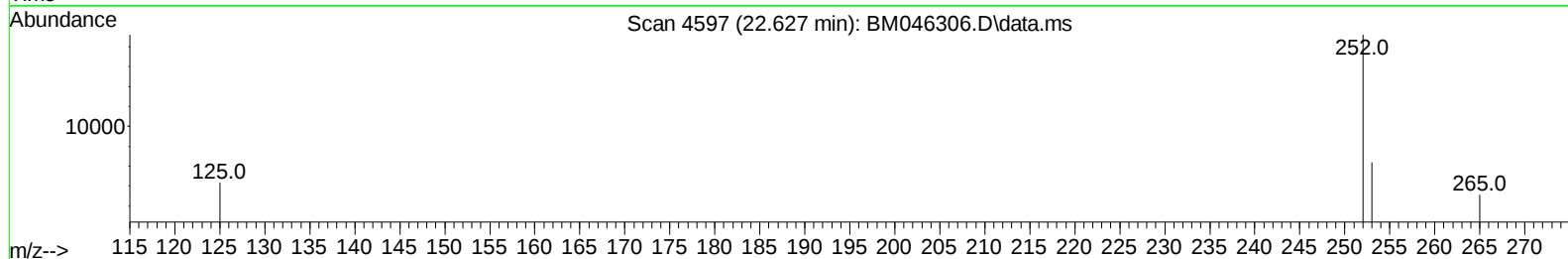
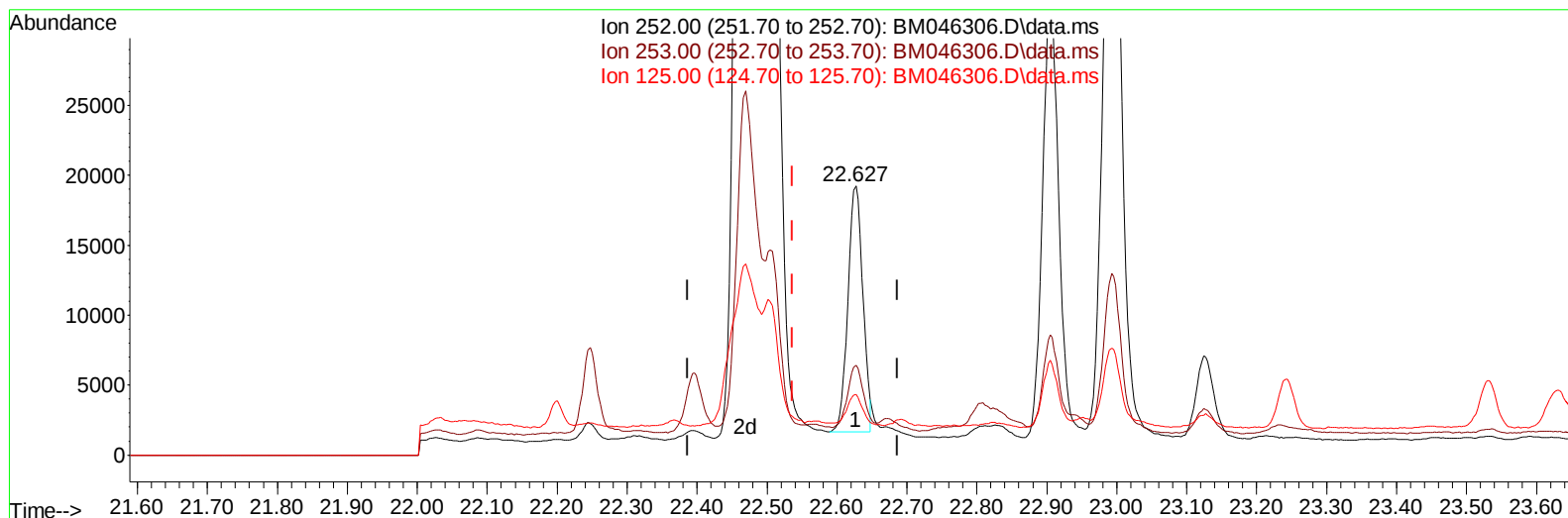
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046306.D
Acq On : 26 Jun 2024 00:00
Operator : MA/JU
Sample : P2844-15DL 5X
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C69DL

Manual IntegrationsAPPROVED

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TIC: BM046306.D\data.ms

(25) Benzo(k)fluoranthene

22.627min (+ 0.091) 0.75 ng/u1

response 26127

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	33.34
125.00	20.80	22.47
0.00	0.00	0.00

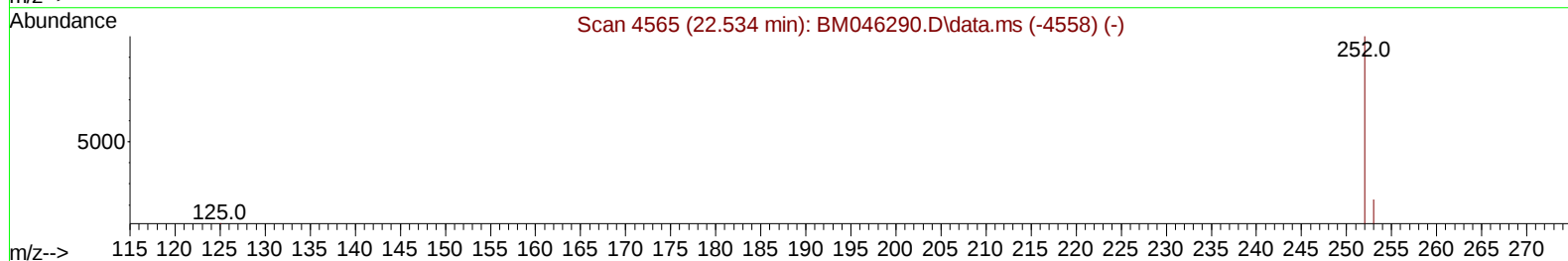
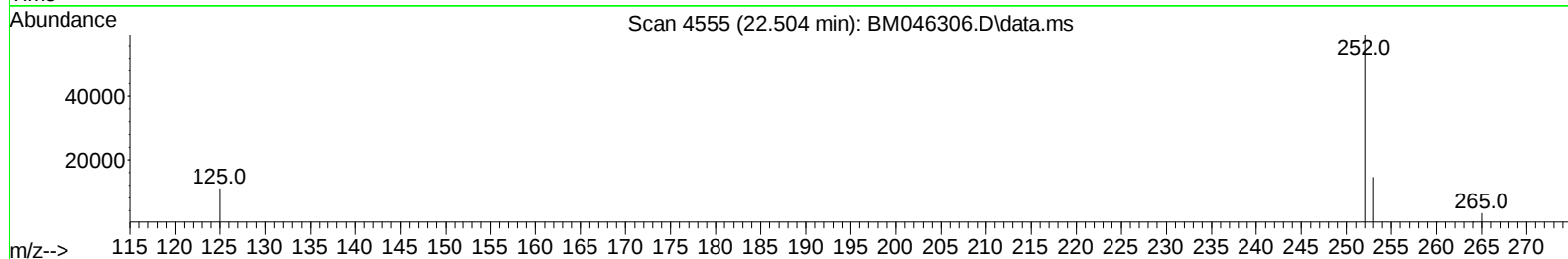
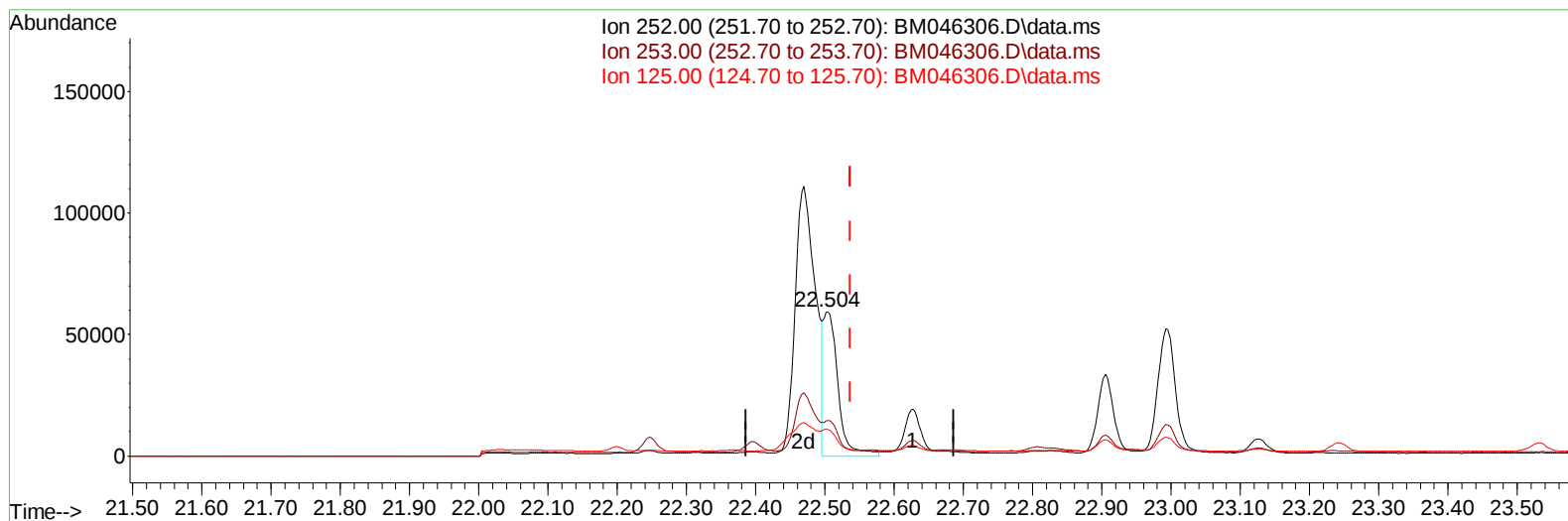
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
 Data File : BM046306.D
 Acq On : 26 Jun 2024 00:00
 Operator : MA/JU
 Sample : P2844-15DL 5X
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C69DL

Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 06/27/2024



TIC: BM046306.D\data.ms

(25) Benzo(k)fluoranthene

22.504min (-0.032) 2.48 ng/u1 m

response 86045

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	24.72#
125.00	20.80	18.56
0.00	0.00	0.00

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 Data File : BM046306.D
 Acq On : 26 Jun 2024 00:00
 Operator : MA/JU
 Sample : P2844-15DL 5X
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.400	152	2179	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.178	136	6301	0.400	ng/ul	-0.08
9) Acenaphthene-d10	14.049	164	3644	0.400	ng/ul	-0.04
13) Phenanthrene-d10	16.795	188	8012	0.400	ng/ul	-0.06
17) Chrysene-d12	20.994	240	6511	0.400	ng/ul	-0.03
23) Perylene-d12	23.083	264	8090	0.400	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.021	96	1889	0.632	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.800	152	510	0.060	ng/ul	-0.07
18) Fluoranthene-d10	18.825	212	1272m	0.065	ng/ul	-0.05
Target Compounds						
					Qvalue	
5) Naphthalene	10.227	128	4191	0.239	ng/ul#	94
7) 2-Methylnaphthalene	11.871	142	1644	0.166	ng/ul	99
8) 1-Methylnaphthalene	12.080	142	1341	0.124	ng/ul	96
10) Acenaphthylene	13.766	152	12902	0.746	ng/ul	99
11) Acenaphthene	14.109	153	5249	0.421	ng/ul	99
12) Fluorene	15.108	166	6239	0.466	ng/ul	98
14) Pentachlorophenol	16.478	266	96	0.040	ng/ul#	82
15) Phenanthrene	16.833	178	147217	6.540	ng/ul	96
16) Anthracene	16.926	178	30277	1.806	ng/ul	98
19) Fluoranthene	18.858	202	335665	11.907	ng/ul#	94
20) Pyrene	19.220	202	244584	8.022	ng/ul	95
21) Benzo(a)anthracene	20.976	228	140026	5.568	ng/ul	99
22) Chrysene	21.029	228	153735	4.790	ng/ul	99
24) Benzo(b)fluoranthene	22.469	252	228185m	7.829	ng/ul	
25) Benzo(k)fluoranthene	22.504	252	86045m	2.483	ng/ul	
26) Benzo(a)pyrene	22.993	252	90583	3.354	ng/ul#	76
27) Indeno(1,2,3-cd)pyrene	25.121	276	97746	2.211	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.125	278	27000	0.820	ng/ul#	94
29) Benzo(g,h,i)perylene	25.742	276	14404	0.380	ng/ul#	87

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

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