

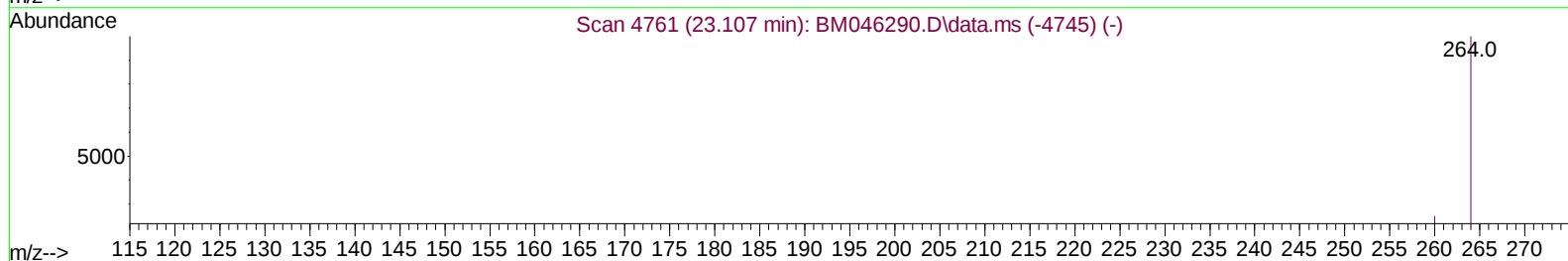
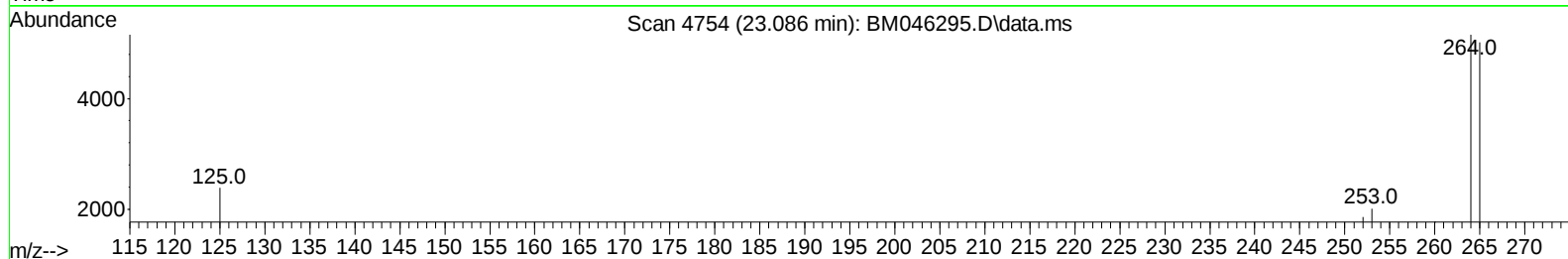
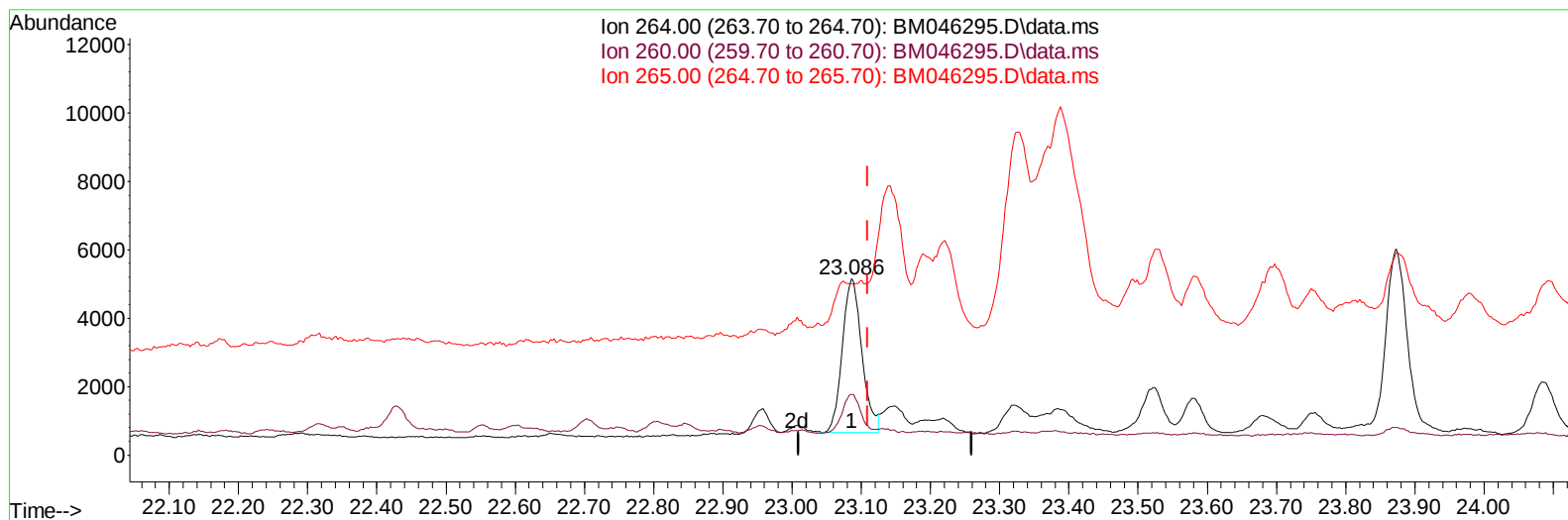
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046295.D
Acq On : 25 Jun 2024 17:16
Operator : MA/JU
Sample : P2844-14MSD
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C64MSD

Manual IntegrationsAPPROVED

Quant Time: Jun 25 18:09:33 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: BM046295.D\data.ms

(23) Perylene-d12 (I)

23.086min (-0.023) 0.40 ng/u1 m

response 8825

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	28.20	34.21#
265.00	110.60	97.23
0.00	0.00	0.00

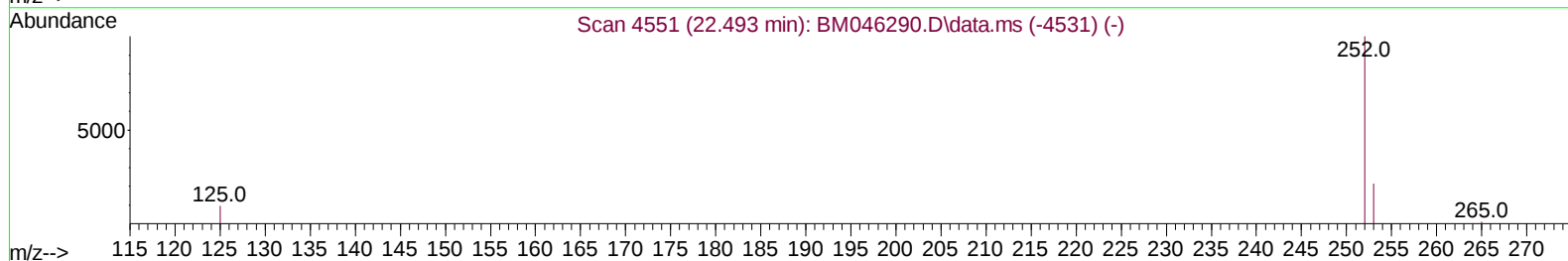
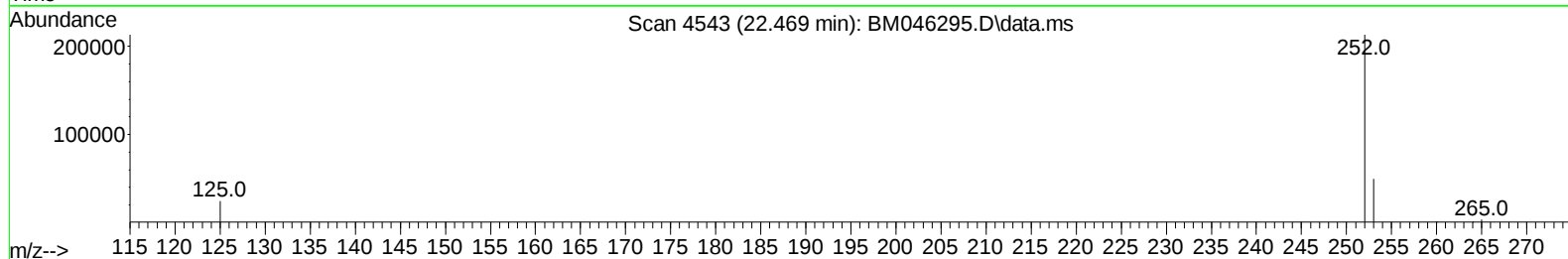
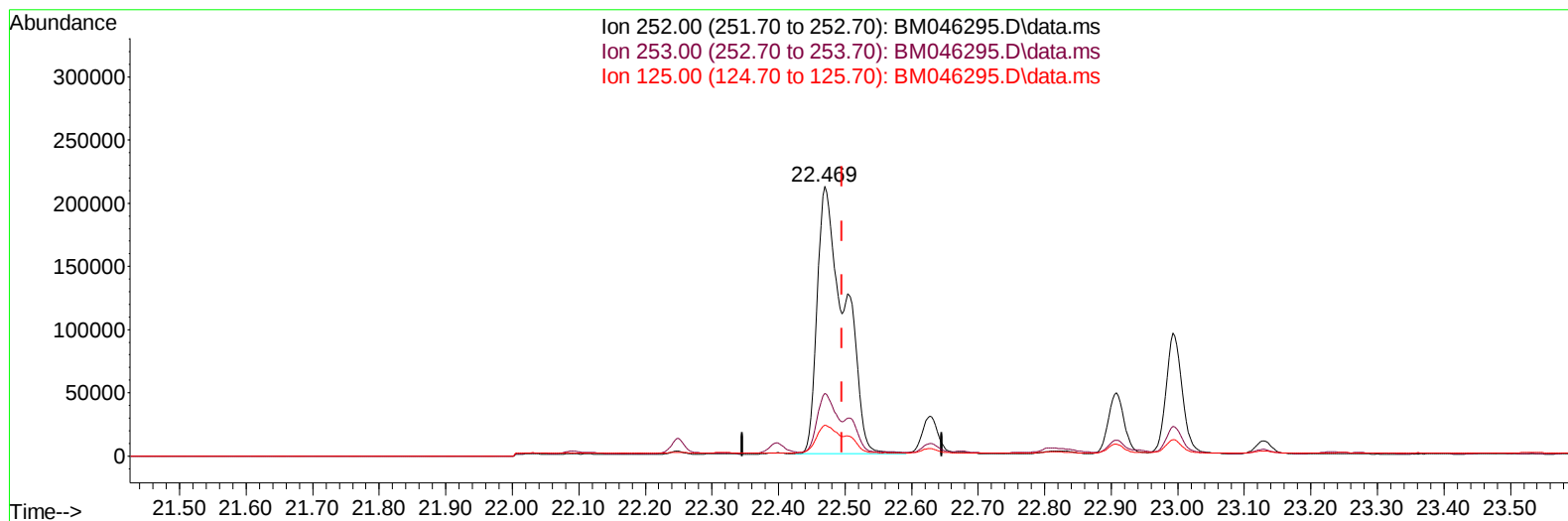
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TIC: BM046295.D\data.ms

(24) Benzo(b)fluoranthene

22.469min (-0.026) 19.02 ng/u1

response 604744

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.90	23.33
125.00	20.10	11.39
0.00	0.00	0.00

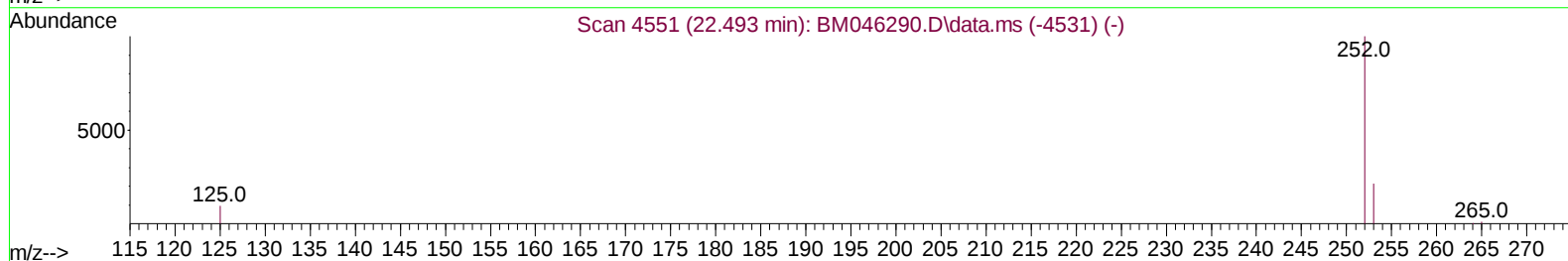
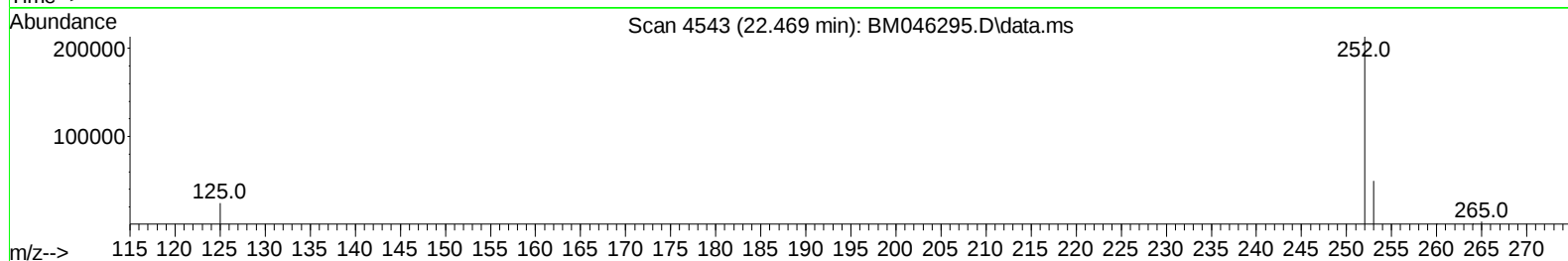
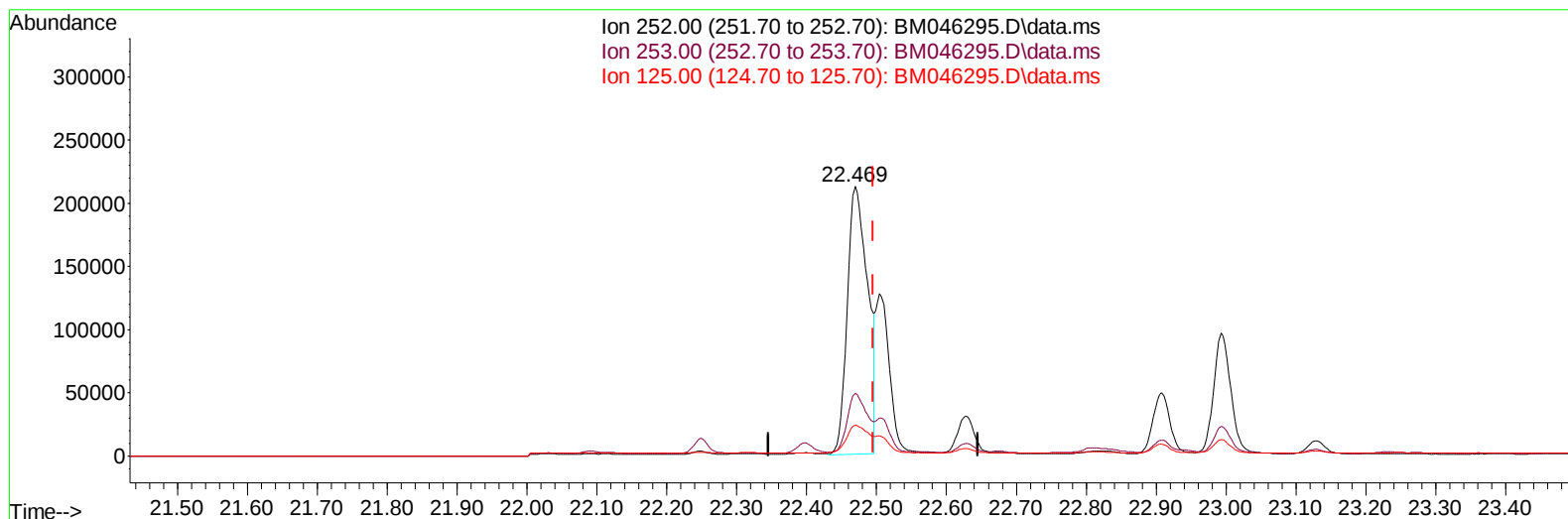
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046295.D
Acq On : 25 Jun 2024 17:16
Operator : MA/JU
Sample : P2844-14MSD
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C64MSD

Manual IntegrationsAPPROVED

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TIC: BM046295.D\data.ms

(24) Benzo(b)fluoranthene

22.469min (-0.026) 13.40 ng/ul m

response 425982

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.90	23.33
125.00	20.10	11.39
0.00	0.00	0.00

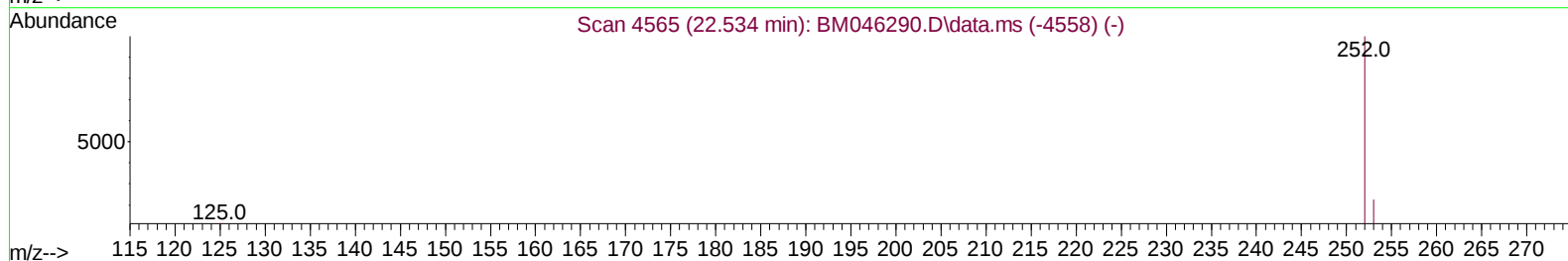
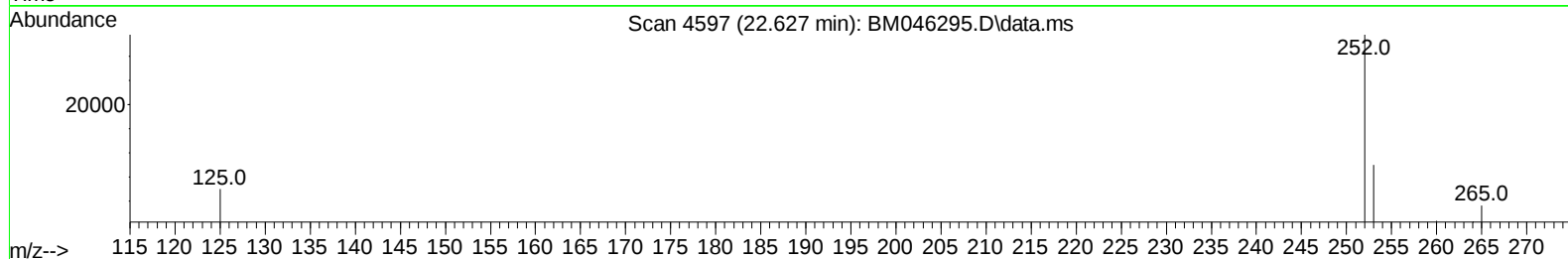
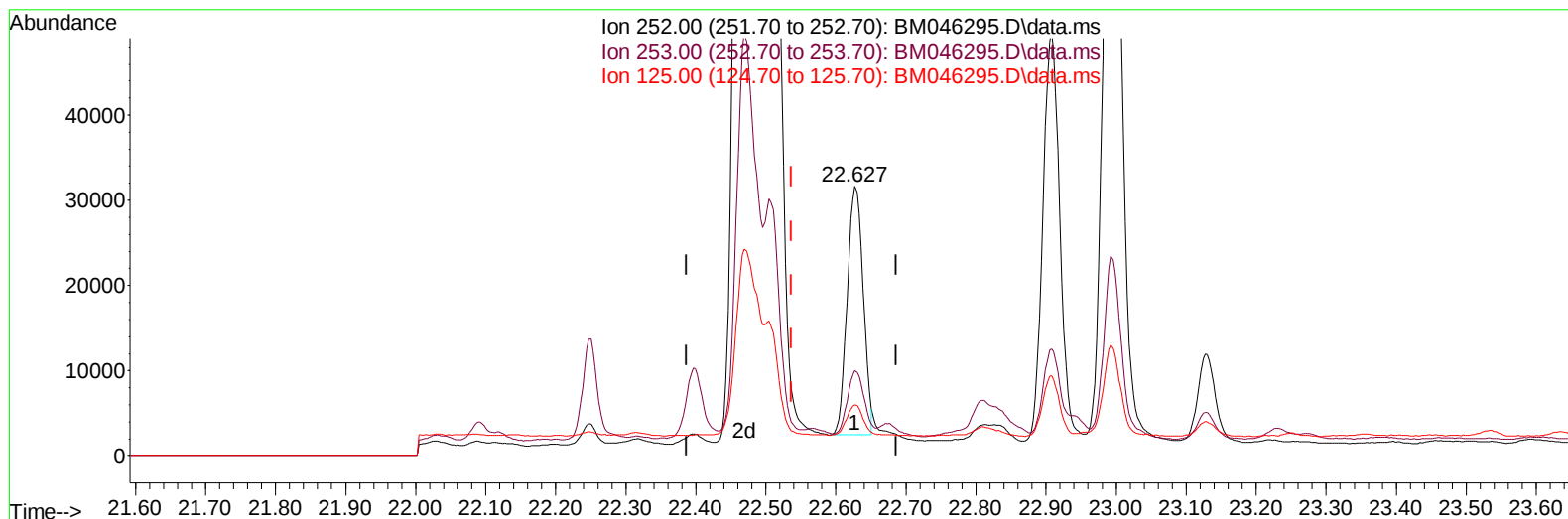
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Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Supervised By :mohammad ahmed 06/27/2024



TIC: BM046295.D\data.ms

(25) Benzo(k)fluoranthene

22.627min (+ 0.091) 1.23 ng/u1

response 46447

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	31.72
125.00	20.80	18.97
0.00	0.00	0.00

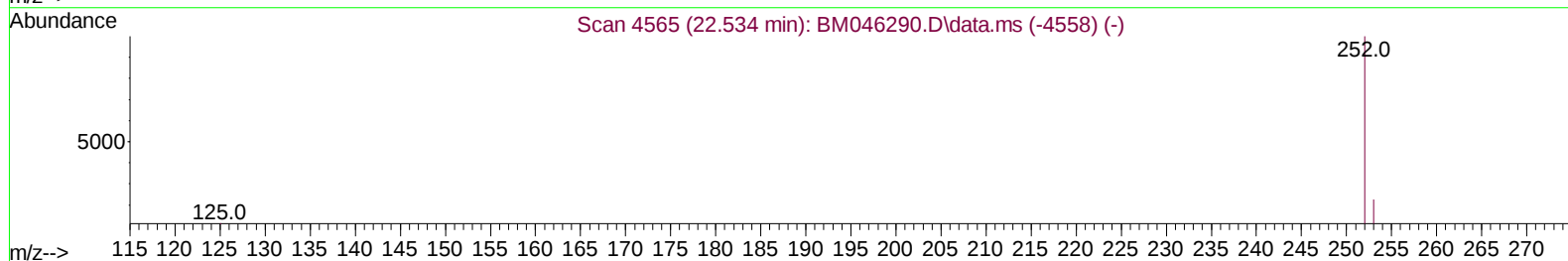
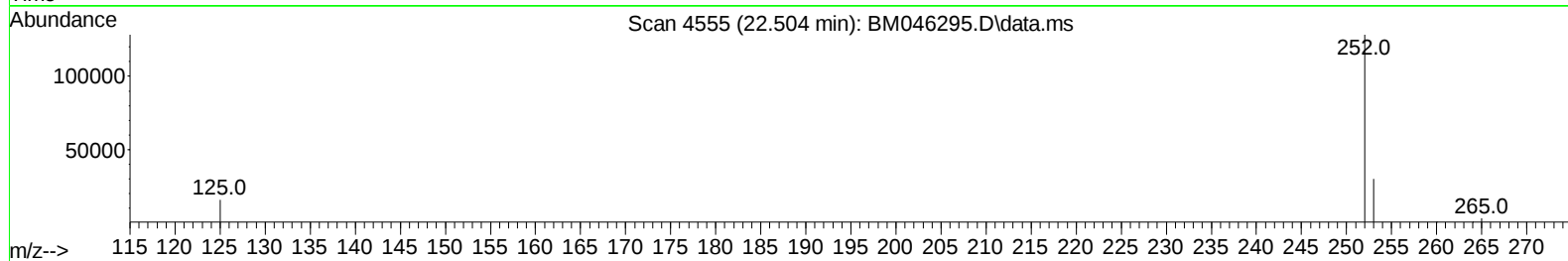
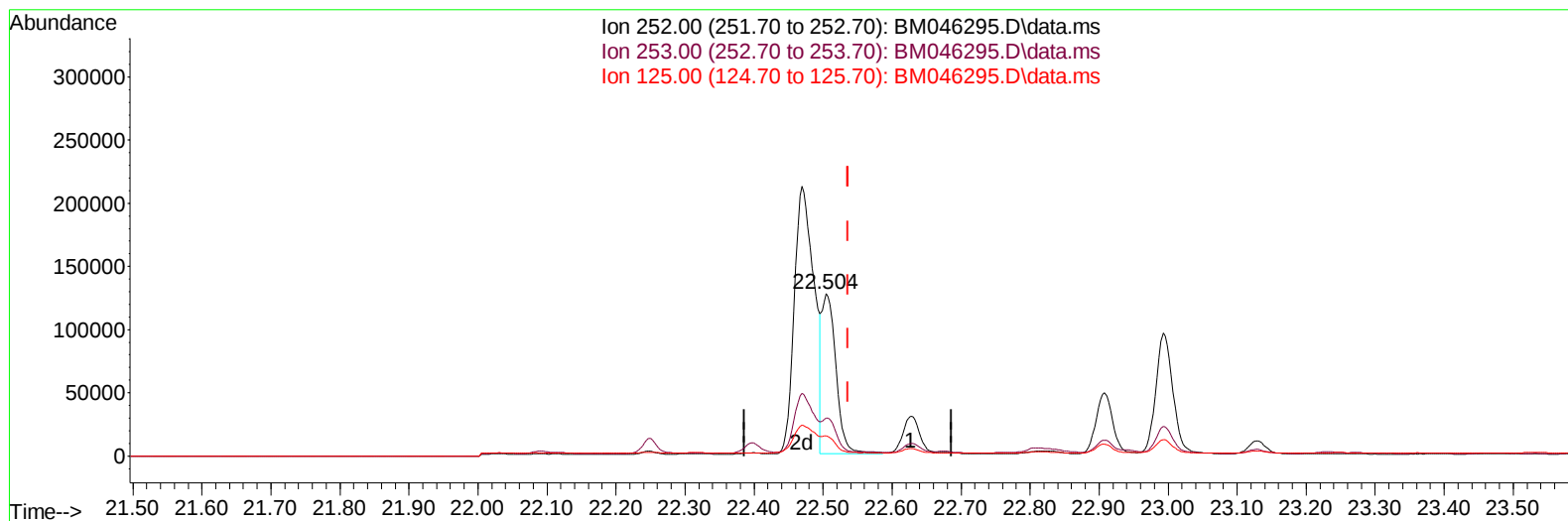
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Data File : BM046295.D
Acq On : 25 Jun 2024 17:16
Operator : MA/JU
Sample : P2844-14MSD
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C64MSD

Manual IntegrationsAPPROVED

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TIC: BM046295.D\data.ms

(25) Benzo(k)fluoranthene

22.504min (-0.032) 4.69 ng/u1 m

response 177317

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	23.52#
125.00	20.80	12.35#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
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 Operator : MA/JU
 Sample : P2844-14MSD
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C64MSD

Manual IntegrationsAPPROVED

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

Quant Time: Jun 25 18:09:33 2024
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Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)

Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.417	152		1912	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.189	136		5937	0.400	ng/ul	-0.07
9) Acenaphthene-d10	14.049	164		3446	0.400	ng/ul	-0.04
13) Phenanthrene-d10	16.795	188		7707	0.400	ng/ul	-0.06
17) Chrysene-d12	20.994	240		6566	0.400	ng/ul	-0.03
23) Perylene-d12	23.086	264		8825m	0.400	ng/ul	-0.02
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.025	96		920	0.351	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.783	152		2162	0.271	ng/ul	-0.09
18) Fluoranthene-d10	18.826	212		5903	0.300	ng/ul	-0.05
Target Compounds							
							Qvalue
2) 1,4-Dioxane	3.054	88		2430	0.826	ng/ul	90
5) Naphthalene	10.233	128		7711	0.466	ng/ul	99
7) 2-Methylnaphthalene	11.855	142		4078	0.438	ng/ul	98
8) 1-Methylnaphthalene	12.064	142		4211	0.412	ng/ul	100
10) Acenaphthylene	13.771	152		18724	1.146	ng/ul	98
11) Acenaphthene	14.109	153		12860	1.090	ng/ul	99
12) Fluorene	15.108	166		16452	1.299	ng/ul	99
14) Pentachlorophenol	16.478	266		1215	0.526	ng/ul	99
15) Phenanthrene	16.833	178		338604	15.638	ng/ul	96
16) Anthracene	16.930	178		66232	4.107	ng/ul	96
19) Fluoranthene	18.853	202		767694	27.003	ng/ul	96
20) Pyrene	19.216	202		515930	16.781	ng/ul	96
21) Benzo(a)anthracene	20.976	228		311970	12.301	ng/ul	99
22) Chrysene	21.029	228		323384	9.991	ng/ul	99
24) Benzo(b)fluoranthene	22.469	252		425982m	13.398	ng/ul	
25) Benzo(k)fluoranthene	22.504	252		177317m	4.691	ng/ul	
26) Benzo(a)pyrene	22.993	252		163511	5.550	ng/ul#	74
27) Indeno(1,2,3-cd)pyrene	25.121	276		170073	3.527	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.125	278		57910	1.613	ng/ul	96
29) Benzo(g,h,i)perylene	25.745	276		23397	0.566	ng/ul#	92

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

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