

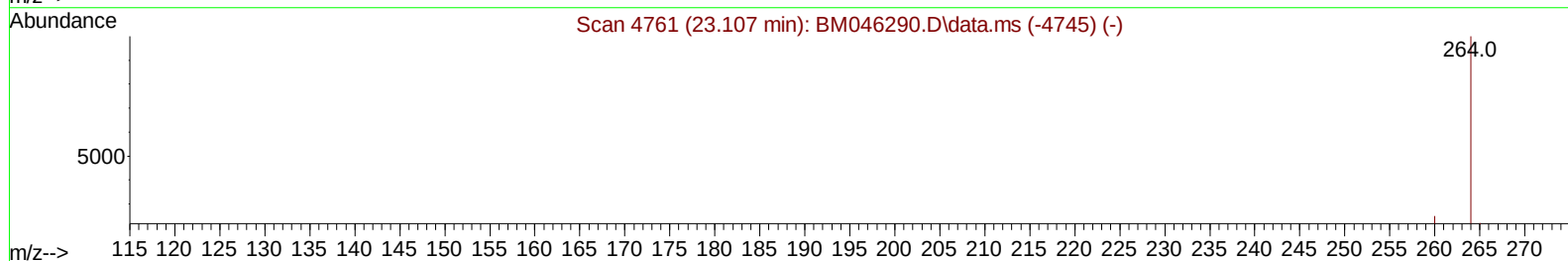
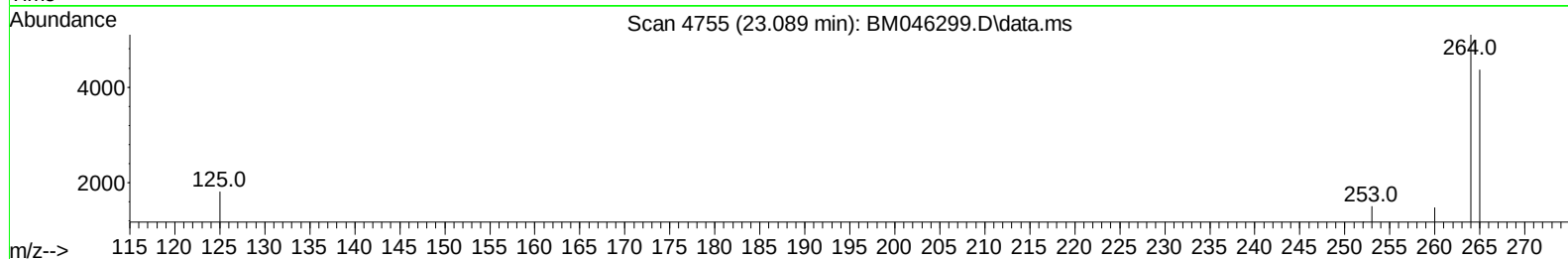
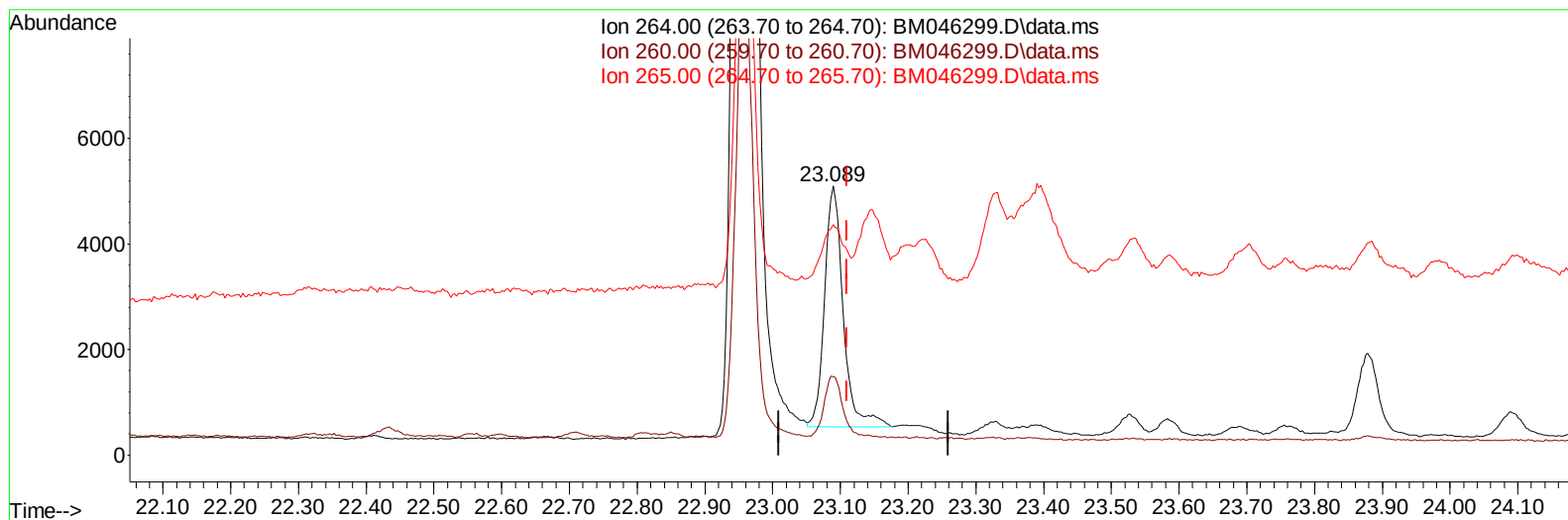
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046299.D
Acq On : 25 Jun 2024 19:44
Operator : MA/JU
Sample : P2844-21DL 5X
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C46DL

Manual IntegrationsAPPROVED

Quant Time: Jun 25 23:28:49 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: BM046299.D\data.ms

(23) Perylene-d12 (I)

23.089min (-0.021) 0.40 ng/uL

response 8725

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	28.20	29.23
265.00	110.60	85.68#
0.00	0.00	0.00

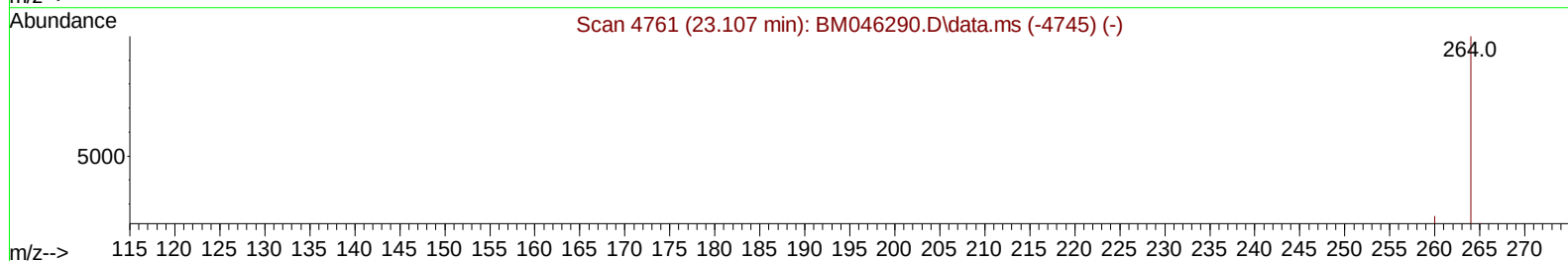
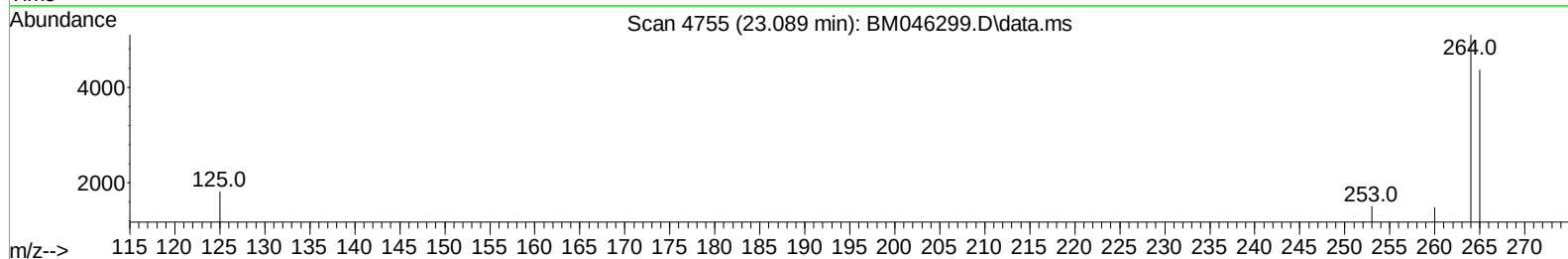
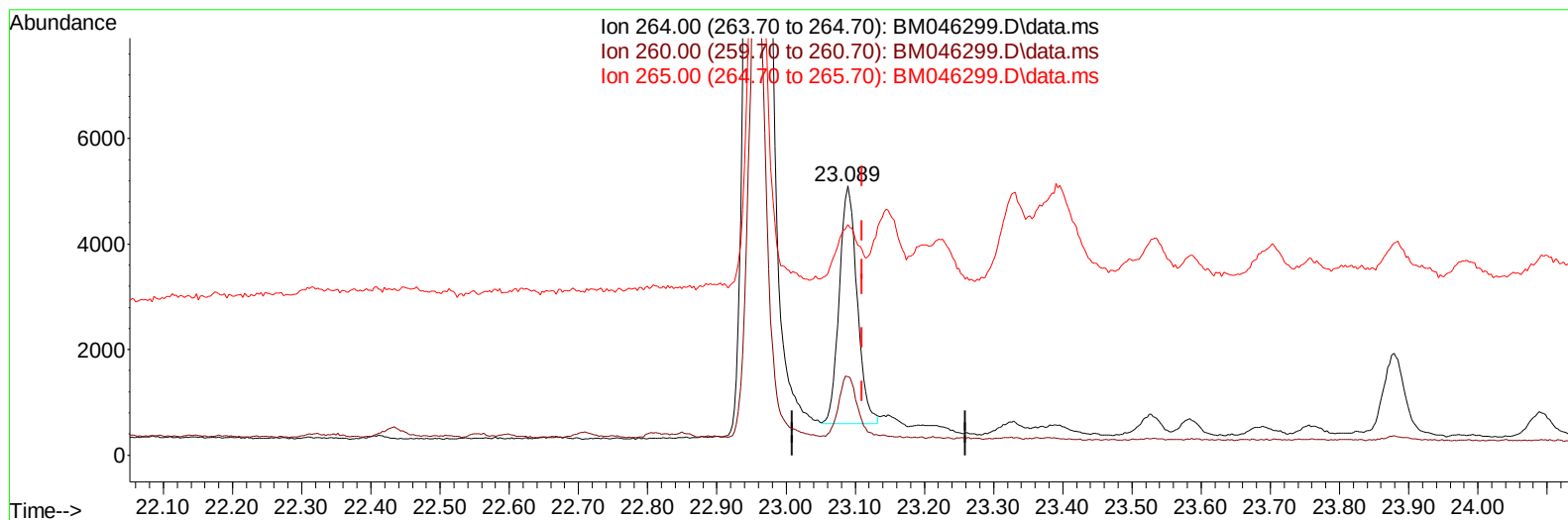
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Operator : MA/JU
Sample : P2844-21DL 5X
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Instrument :
BNA_M
ClientSampleId :
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TIC: BM046299.D\data.ms

(23) Perylene-d12 (I)

23.089min (-0.021) 0.40 ng/ul m

response 8046

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	28.20	29.23
265.00	110.60	85.68#
0.00	0.00	0.00

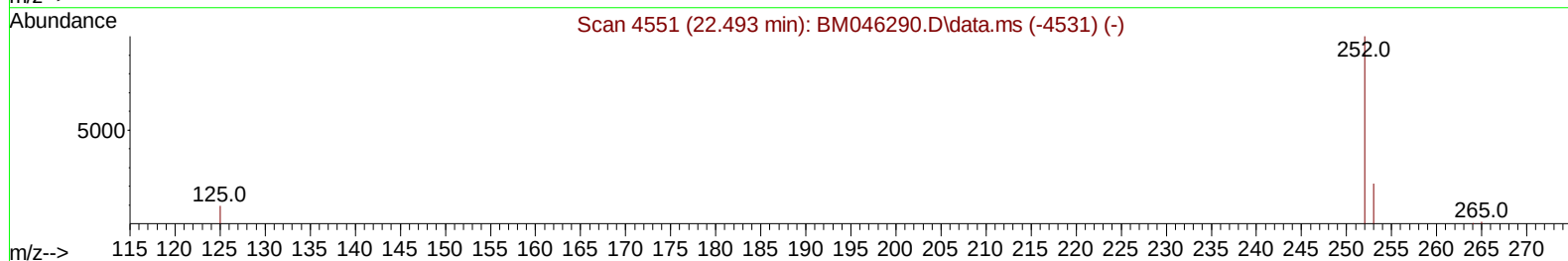
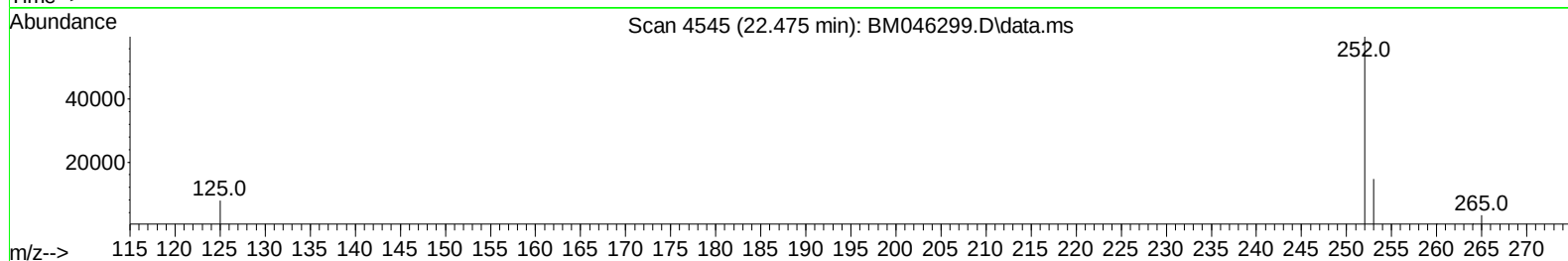
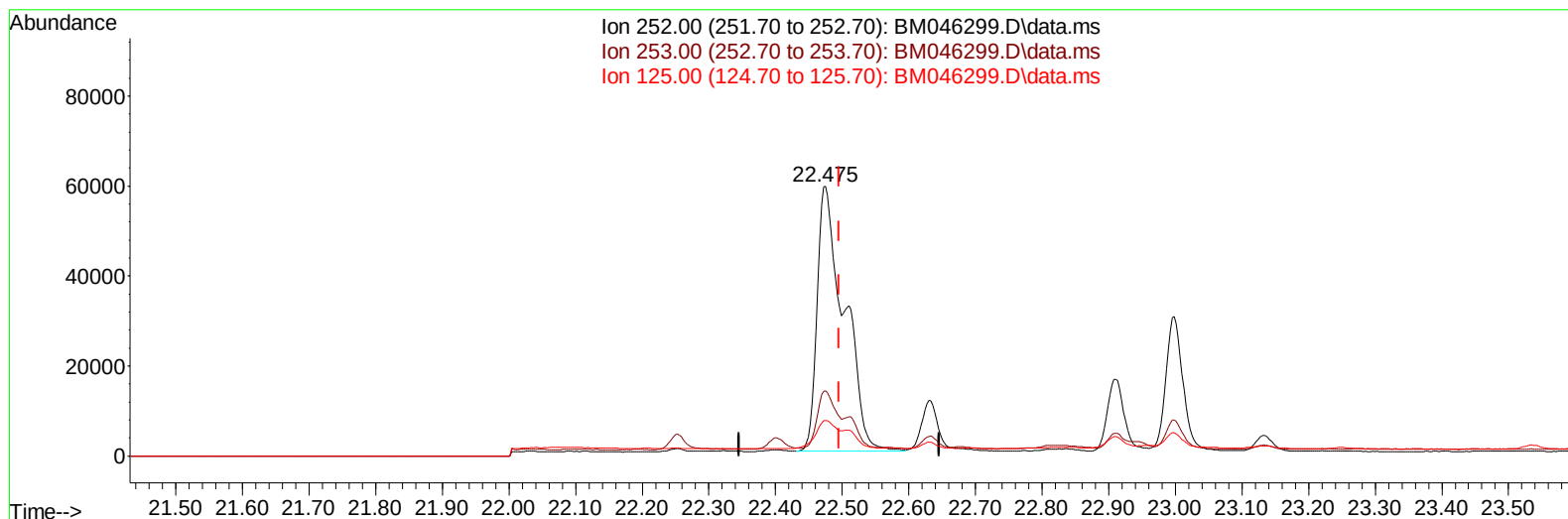
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Operator : MA/JU
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Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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TIC: BM046299.D\data.ms

(24) Benzo(b)fluoranthene

22.475min (-0.021) 5.76 ng/uI

response 166938

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.90	24.30
125.00	20.10	13.12
0.00	0.00	0.00

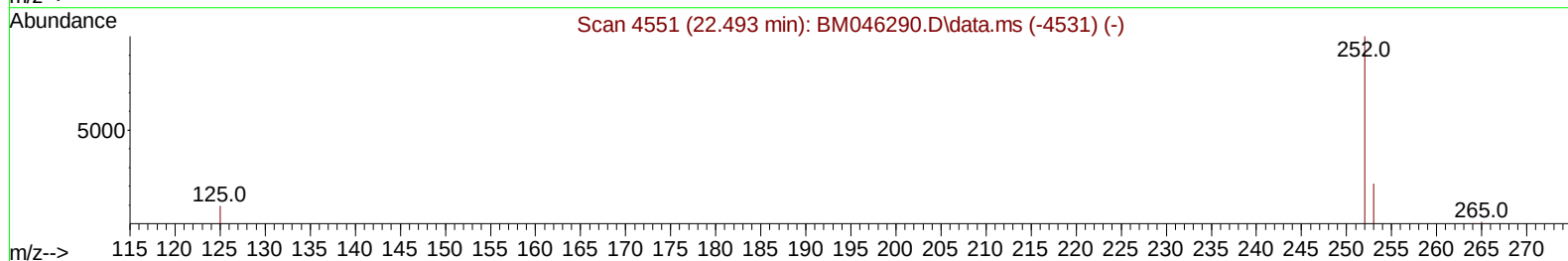
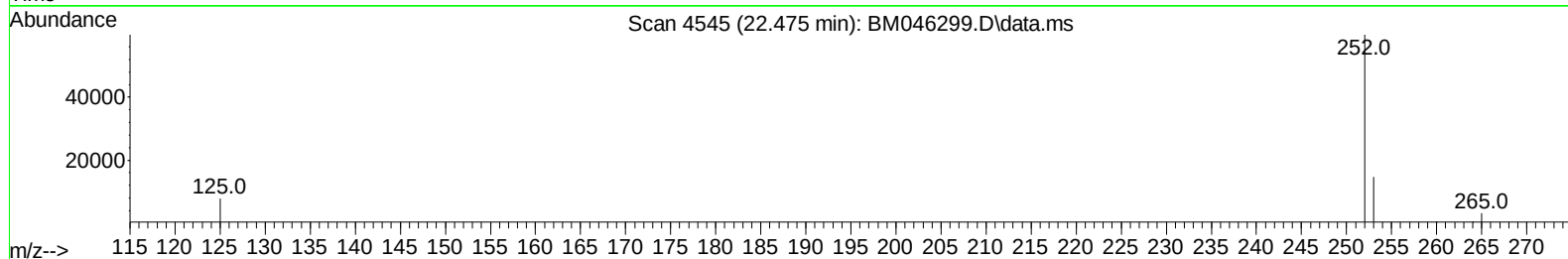
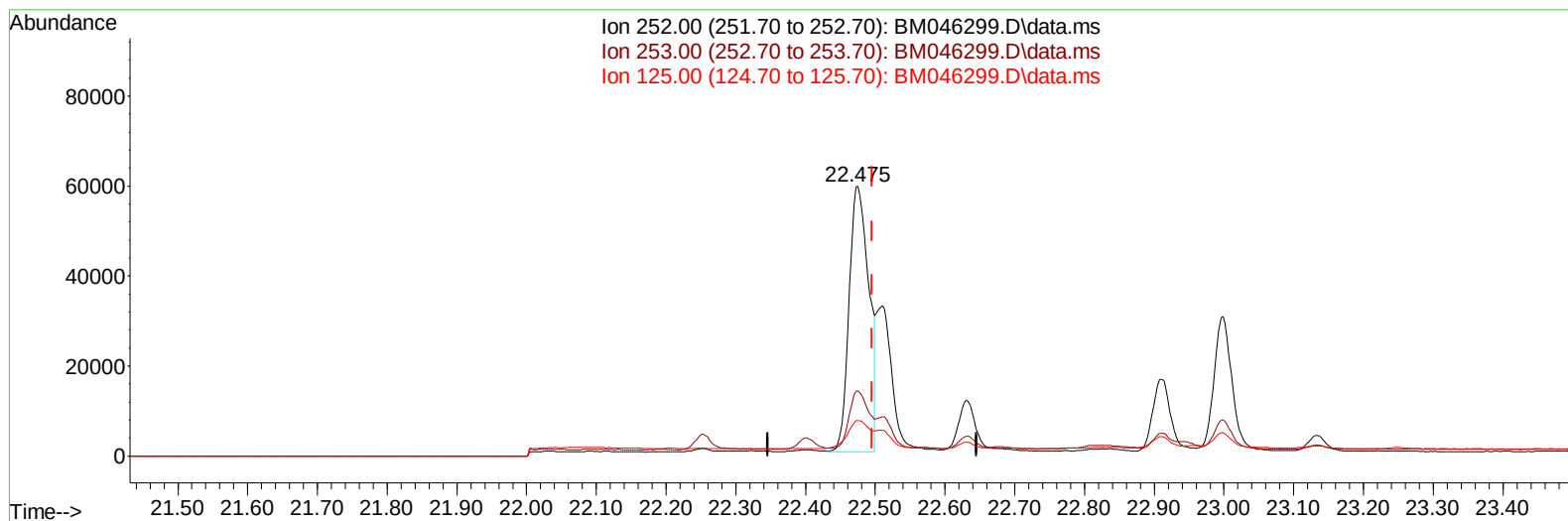
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046299.D
Acq On : 25 Jun 2024 19:44
Operator : MA/JU
Sample : P2844-21DL 5X
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C46DL

Manual IntegrationsAPPROVED

Quant Time: Jun 25 23:28:49 2024
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TIC: BM046299.D\data.ms

(24) Benzo(b)fluoranthene

22.475min (-0.021) 4.00 ng/ul m

response 115967

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.90	24.30
125.00	20.10	13.12
0.00	0.00	0.00

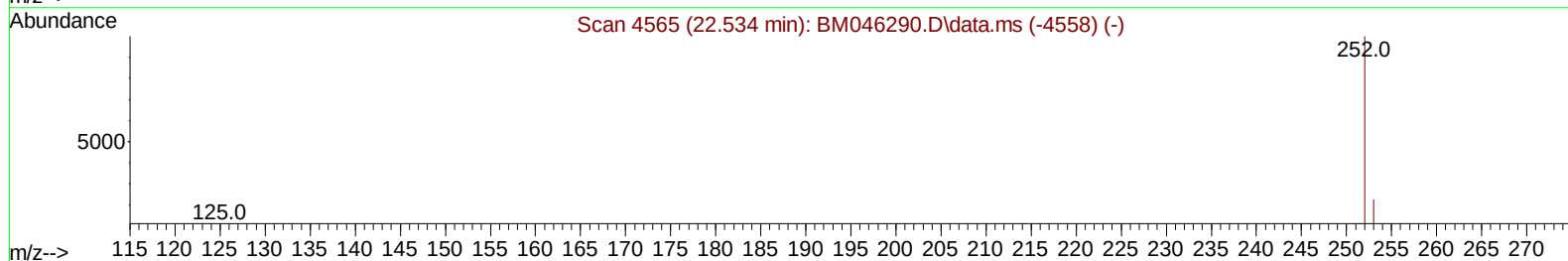
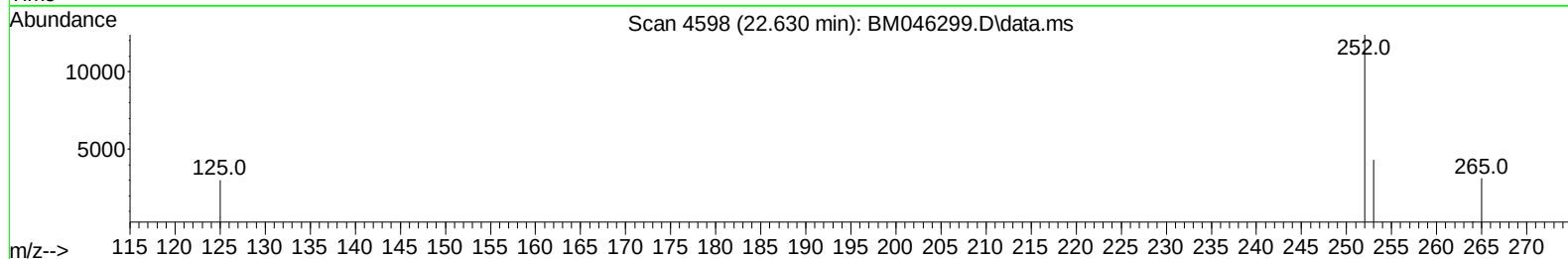
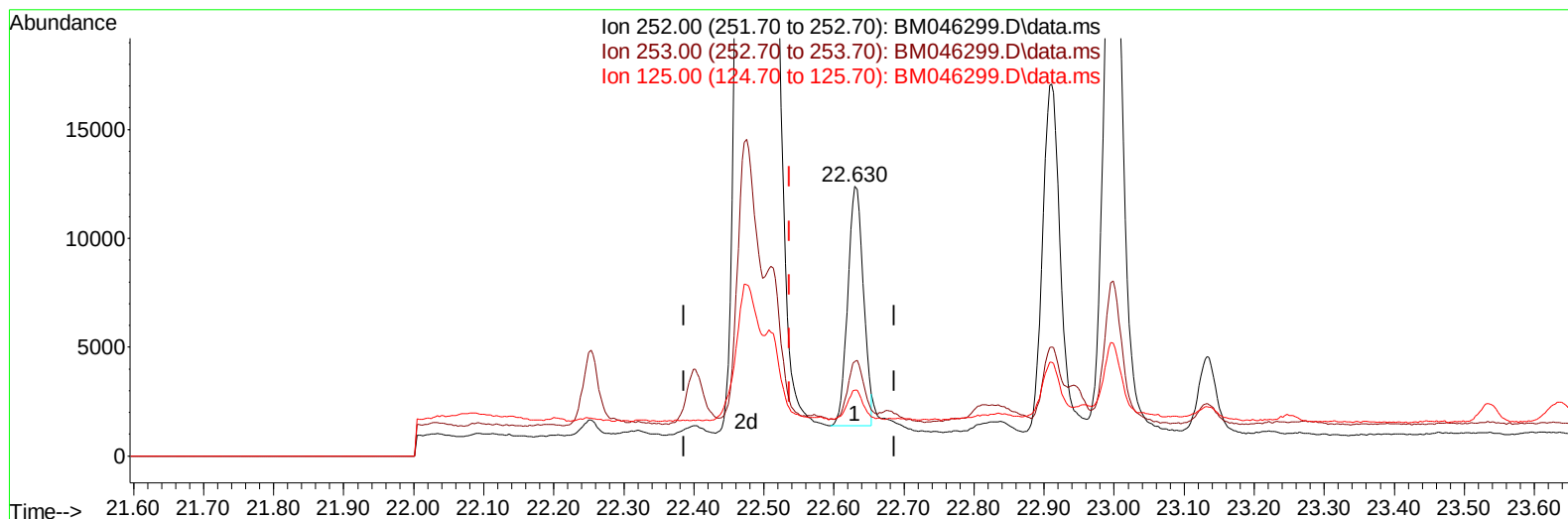
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Acq On : 25 Jun 2024 19:44
Operator : MA/JU
Sample : P2844-21DL 5X
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C46DL

Manual IntegrationsAPPROVED

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TIC: BM046299.D\data.ms

(25) Benzo(k)fluoranthene

22.630min (+ 0.093) 0.50 ng/u1

response 17095

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	35.07
125.00	20.80	24.43
0.00	0.00	0.00

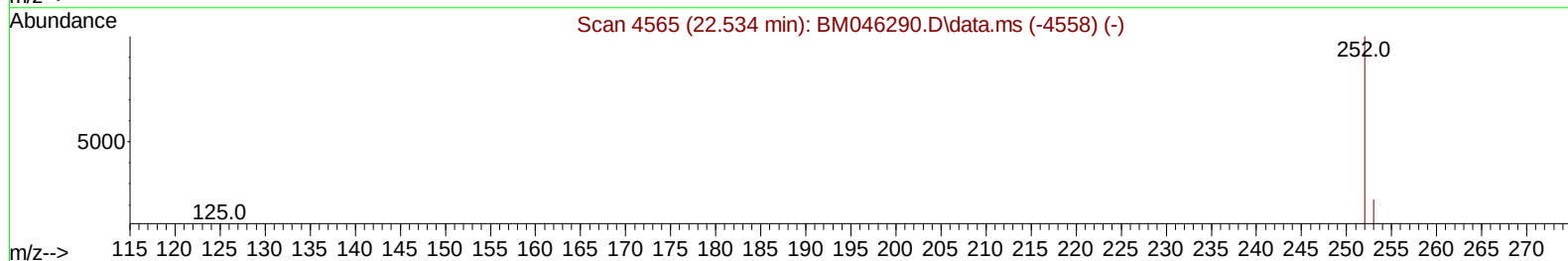
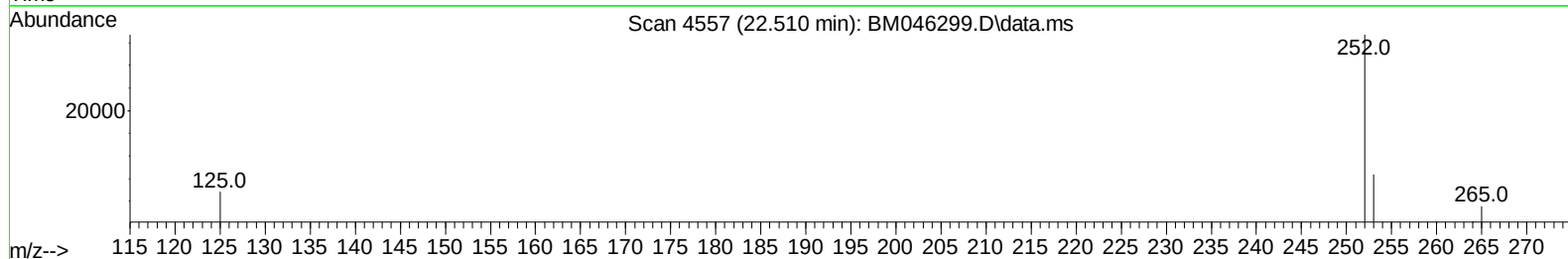
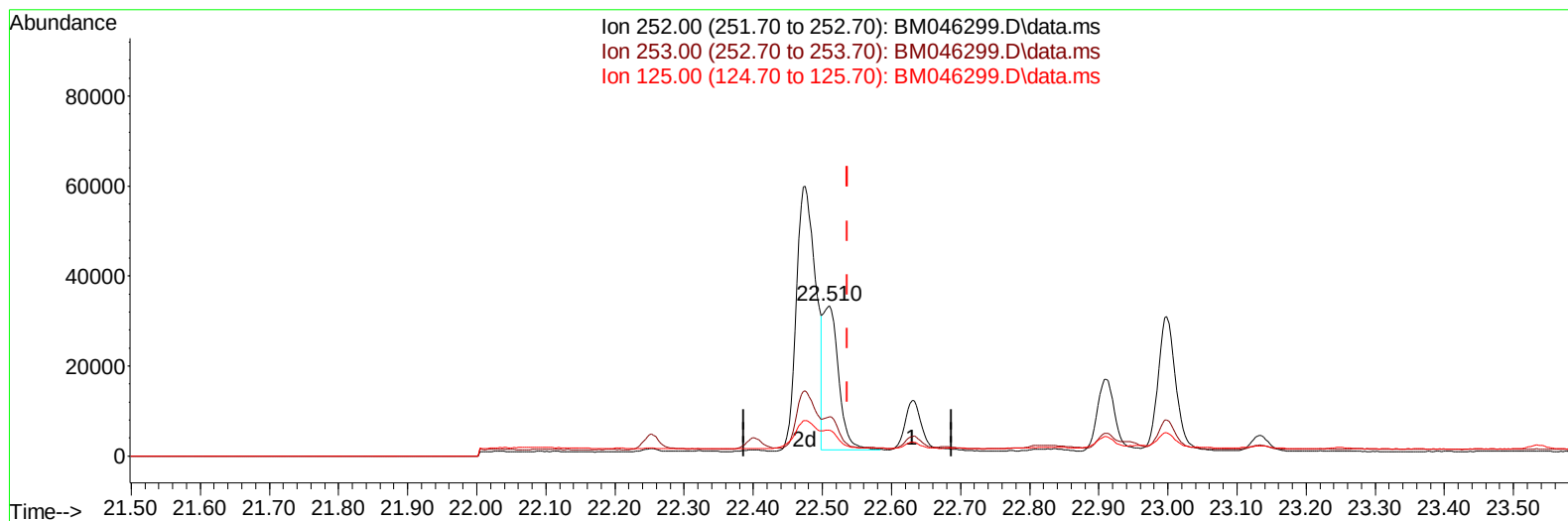
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
 Data File : BM046299.D
 Acq On : 25 Jun 2024 19:44
 Operator : MA/JU
 Sample : P2844-21DL 5X
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C46DL

Manual IntegrationsAPPROVED

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 Supervised By :mohammad ahmed 06/27/2024



TIC: BM046299.D\data.ms

(25) Benzo(k)fluoranthene

22.510min (-0.026) 1.44 ng/ul m

response 49612

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	26.09#
125.00	20.80	17.02
0.00	0.00	0.00

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 Operator : MA/JU
 Sample : P2844-21DL 5X
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4C46DL

Manual IntegrationsAPPROVED

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.400	152	2327	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.178	136	7120	0.400	ng/ul	-0.08
9) Acenaphthene-d10	14.049	164	3895	0.400	ng/ul	-0.04
13) Phenanthrene-d10	16.799	188	8152	0.400	ng/ul	-0.05
17) Chrysene-d12	20.997	240	6761	0.400	ng/ul	-0.03
23) Perylene-d12	23.089	264	8046m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.025	96	2336	0.732	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.783	152	593	0.062	ng/ul	-0.09
18) Fluoranthene-d10	18.830	212	1334	0.066	ng/ul	-0.04
Target Compounds						
						Qvalue
5) Naphthalene	10.227	128	8011	0.403	ng/ul	99
7) 2-Methylnaphthalene	11.855	142	2176	0.195	ng/ul	98
8) 1-Methylnaphthalene	12.075	142	1566	0.128	ng/ul	97
10) Acenaphthylene	13.771	152	9808	0.531	ng/ul	98
11) Acenaphthene	14.113	153	3622	0.272	ng/ul	97
12) Fluorene	15.113	166	4526	0.316	ng/ul	98
15) Phenanthrene	16.837	178	91282	3.986	ng/ul	96
16) Anthracene	16.930	178	21761	1.276	ng/ul	98
19) Fluoranthene	18.858	202	193730	6.618	ng/ul	96
20) Pyrene	19.225	202	154039	4.866	ng/ul#	93
21) Benzo(a)anthracene	20.982	228	93875	3.595	ng/ul	99
22) Chrysene	21.032	228	90248	2.708	ng/ul	99
24) Benzo(b)fluoranthene	22.475	252	115967m	4.001	ng/ul	
25) Benzo(k)fluoranthene	22.510	252	49612m	1.440	ng/ul	
26) Benzo(a)pyrene	22.998	252	53447	1.990	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	25.128	276	52580	1.196	ng/ul#	98
28) Dibenzo(a,h)anthracene	25.128	278	14670	0.448	ng/ul#	93
29) Benzo(g,h,i)perylene	25.752	276	7584	0.201	ng/ul#	79

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

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