

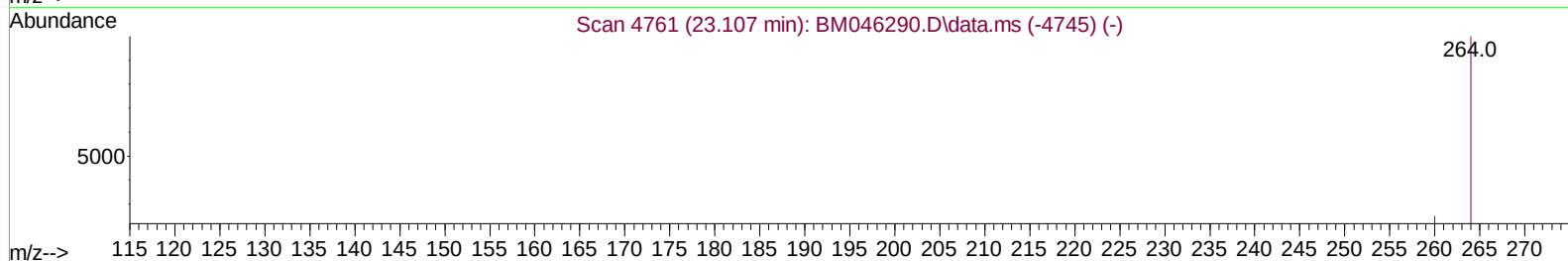
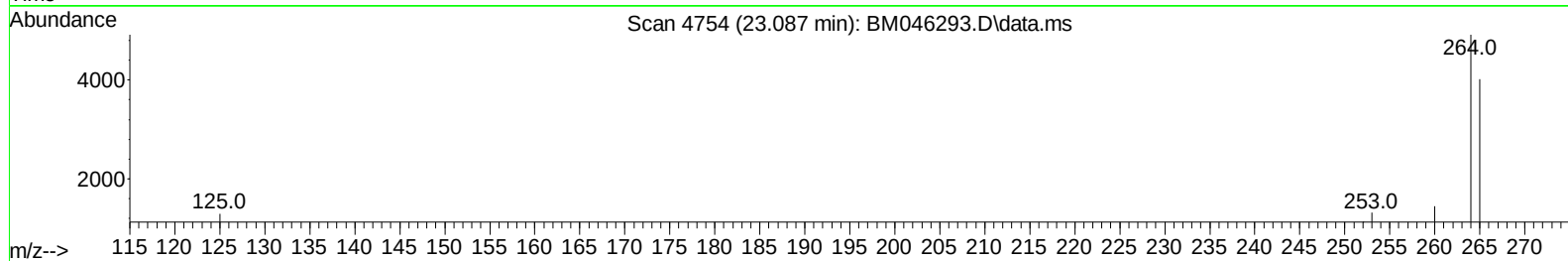
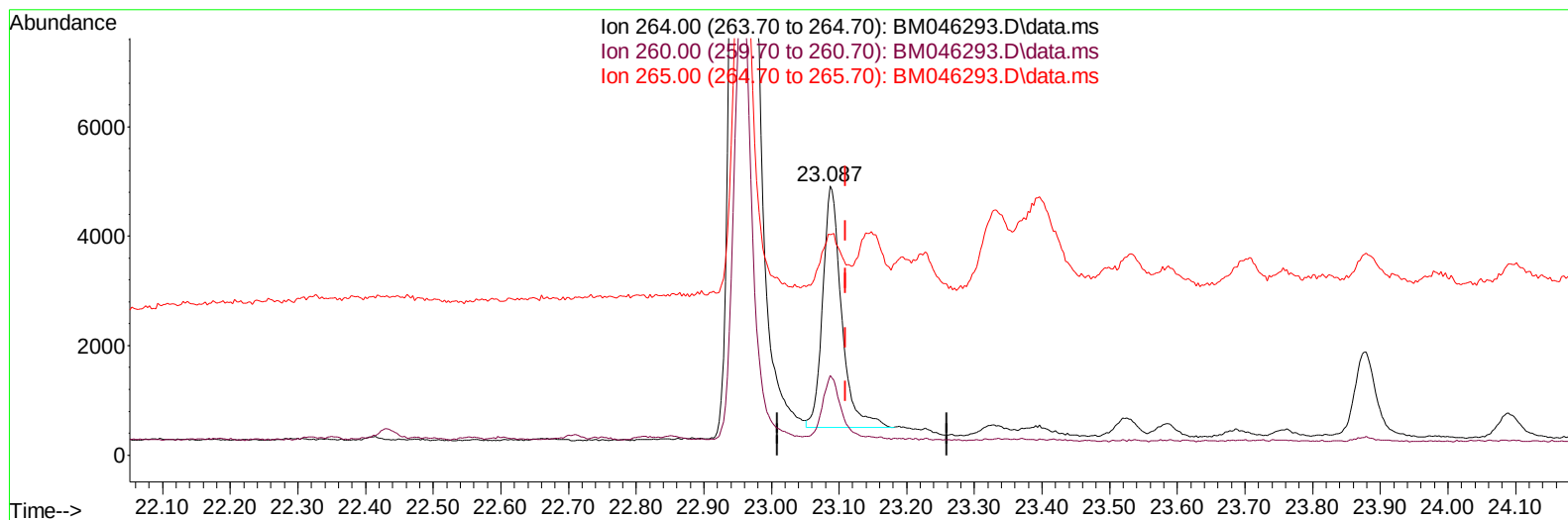
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046293.D
Acq On : 25 Jun 2024 16:02
Operator : MA/JU
Sample : P2844-12DL 5X
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C64DL

Manual IntegrationsAPPROVED

Quant Time: Jun 25 16:33:51 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: BM046293.D\data.ms

(23) Perylene-d12 (I)

23.087min (-0.023) 0.40 ng/u1

response 8544

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	28.20	29.60
265.00	110.60	81.85#
0.00	0.00	0.00

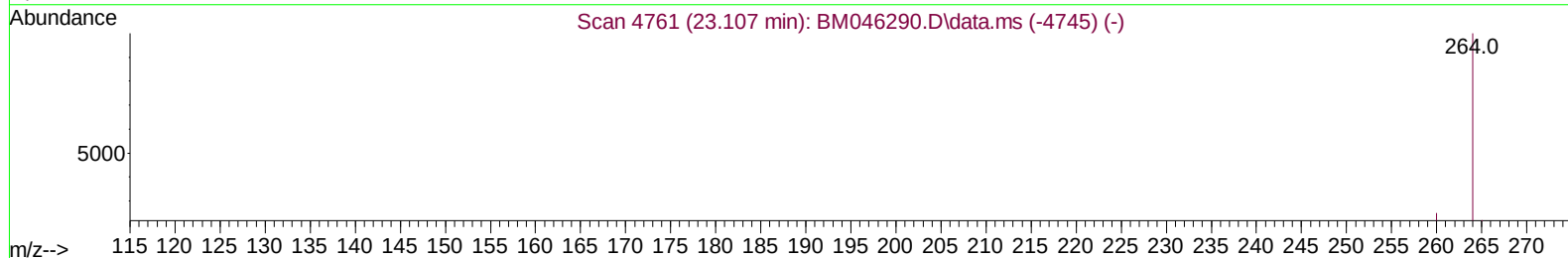
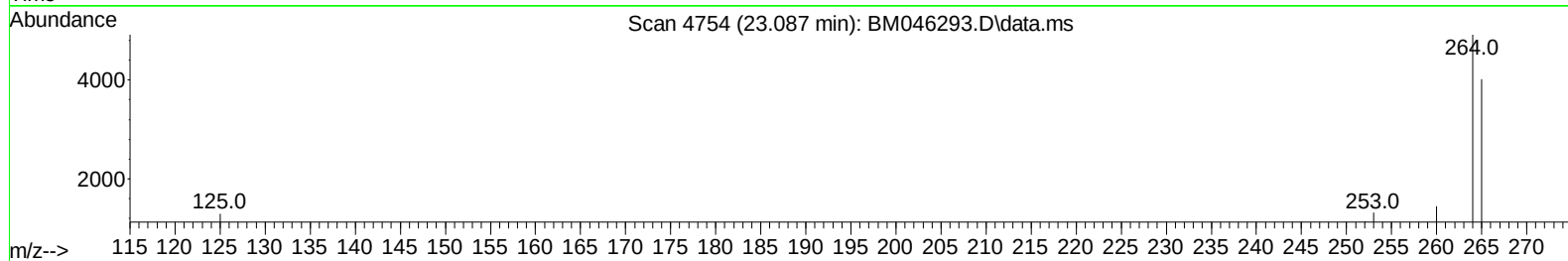
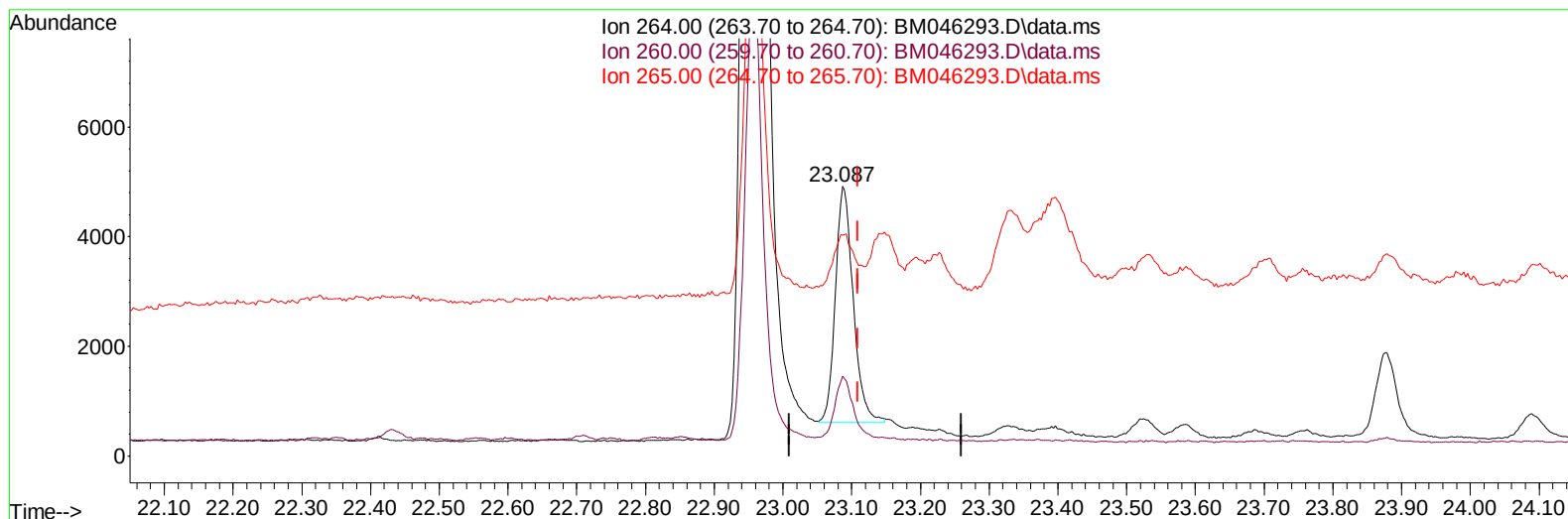
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(23) Perylene-d12 (I)

23.087min (-0.023) 0.40 ng/ul m

response 7789

Ion	Exp%	Act%
264.00	100.00	100.00
260.00	28.20	29.60
265.00	110.60	81.85#
0.00	0.00	0.00

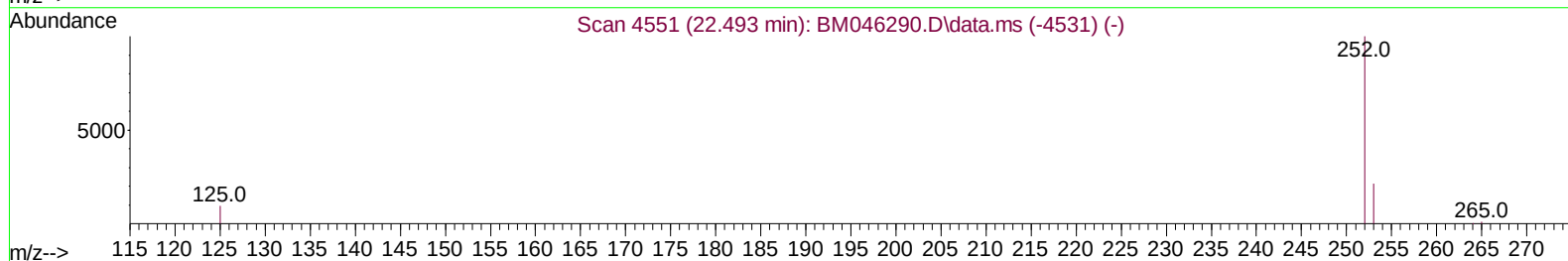
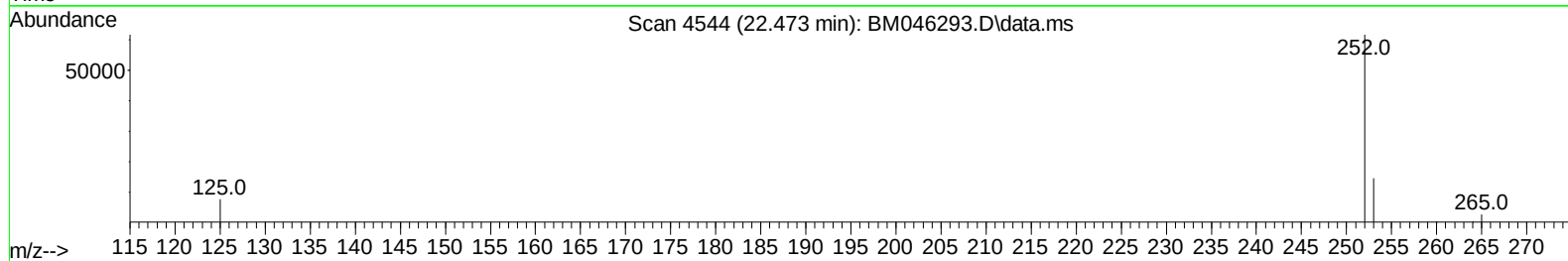
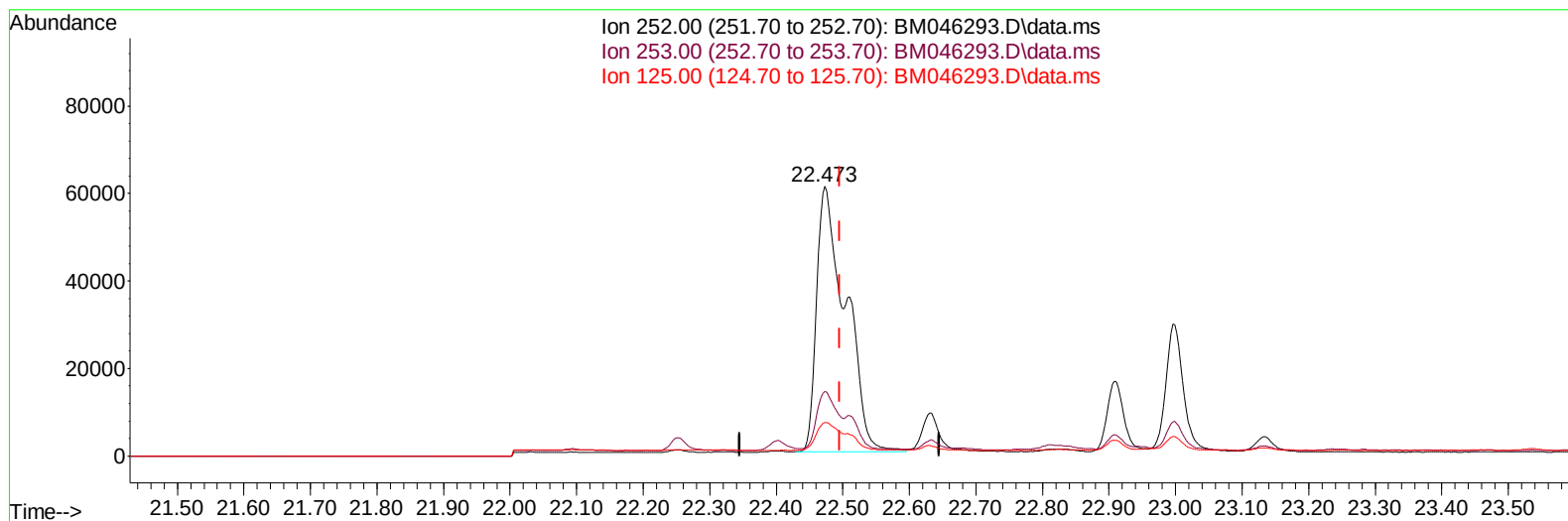
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ALS Vial : 53 Sample Multiplier: 1

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TIC: BM046293.D\data.ms

(24) Benzo(b)fluoranthene

22.473min (-0.023) 6.51 ng/u1

response 182544

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.90	23.89
125.00	20.10	12.47
0.00	0.00	0.00

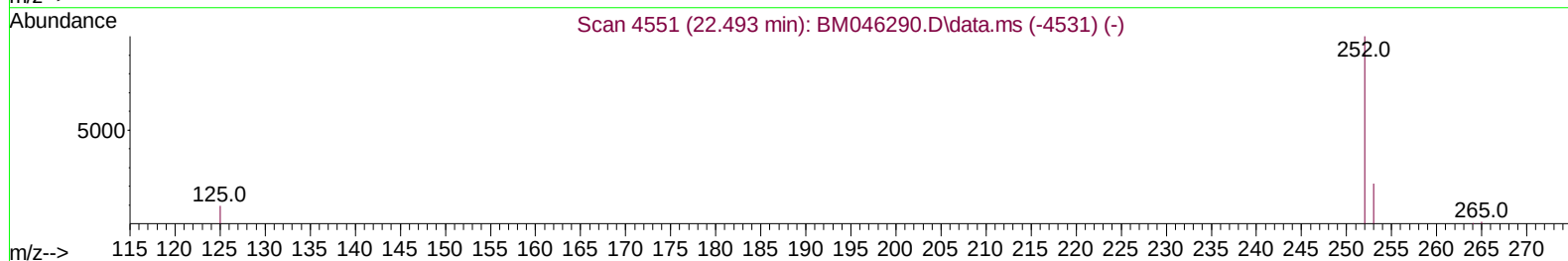
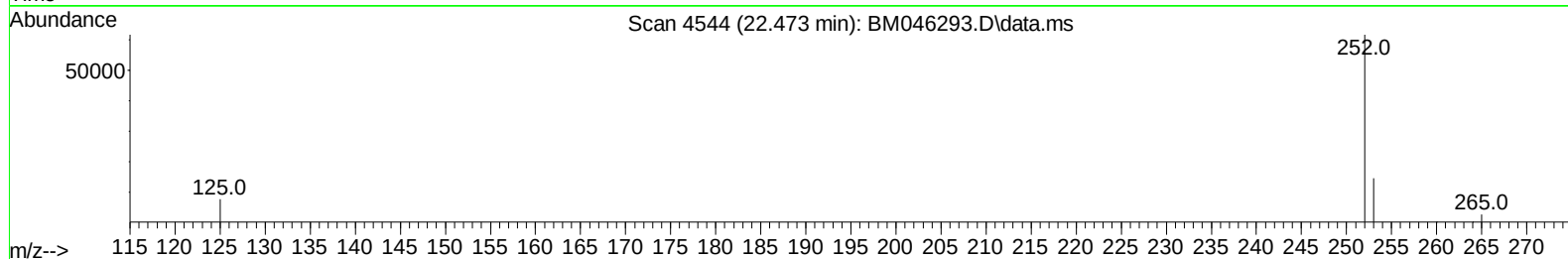
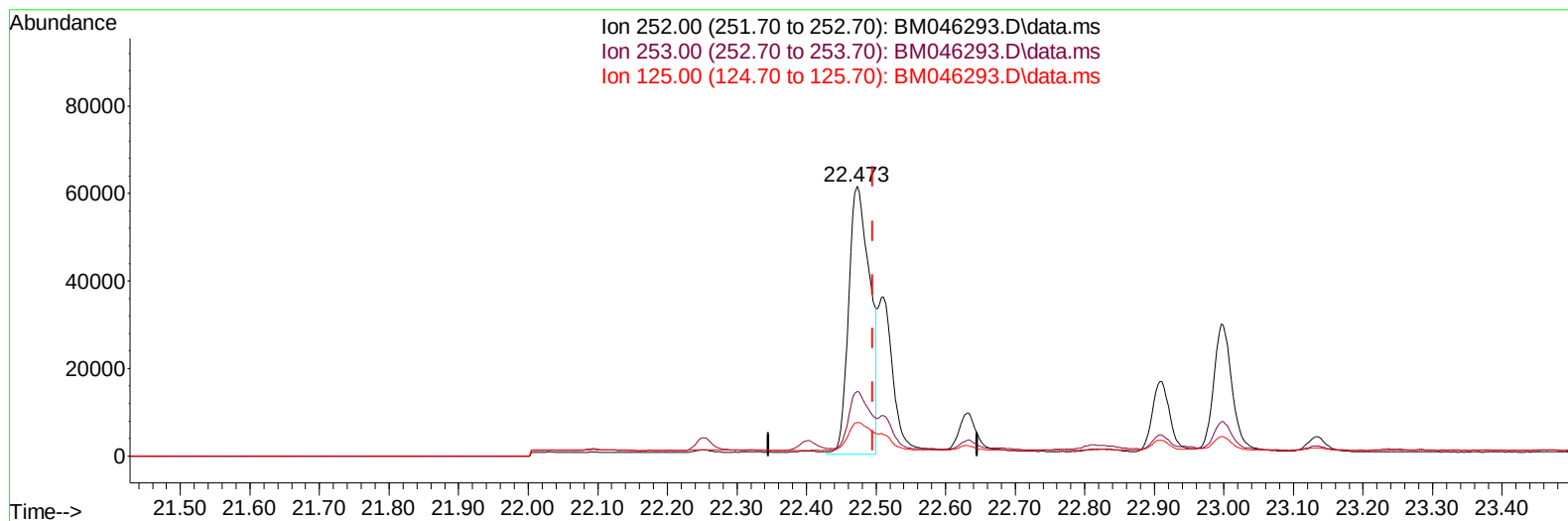
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062424\
Data File : BM046293.D
Acq On : 25 Jun 2024 16:02
Operator : MA/JU
Sample : P2844-12DL 5X
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C64DL

Manual IntegrationsAPPROVED

Quant Time: Jun 25 16:33:51 2024
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TIC: BM046293.D\data.ms

(24) Benzo(b)fluoranthene

22.473min (-0.023) 4.58 ng/u l m

response 128470

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	32.90	23.89
125.00	20.10	12.47
0.00	0.00	0.00

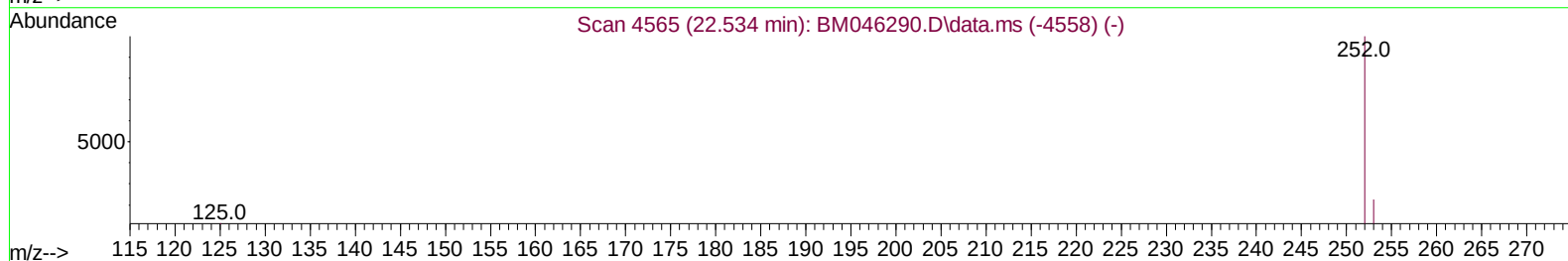
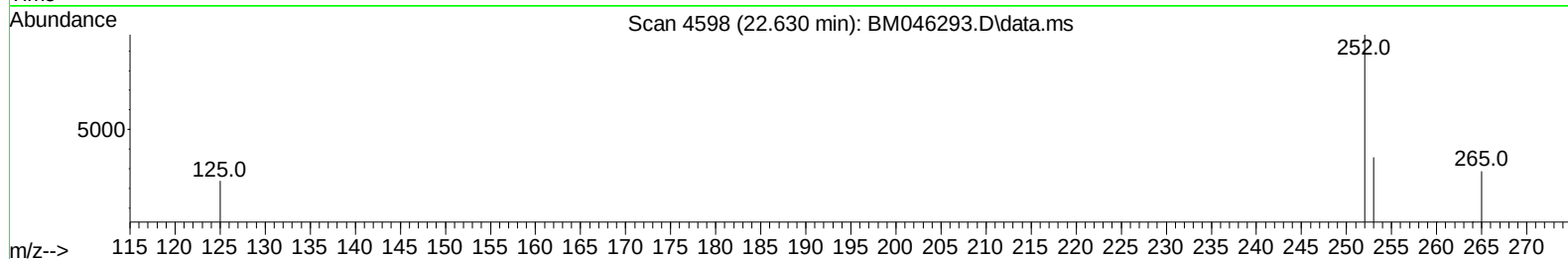
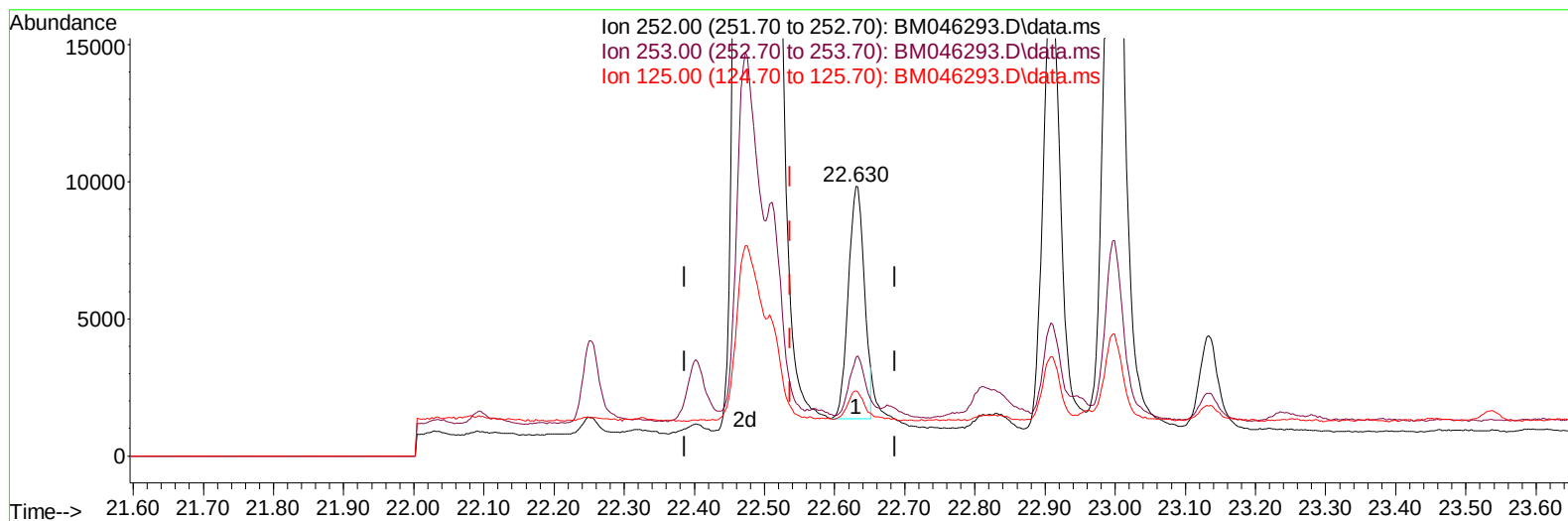
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Operator : MA/JU
Sample : P2844-12DL 5X
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4C64DL

Manual IntegrationsAPPROVED

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TIC: BM046293.D\data.ms

(25) Benzo(k)fluoranthene

22.630min (+ 0.094) 0.40 ng/u1

response 13373

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	36.59
125.00	20.80	24.15
0.00	0.00	0.00

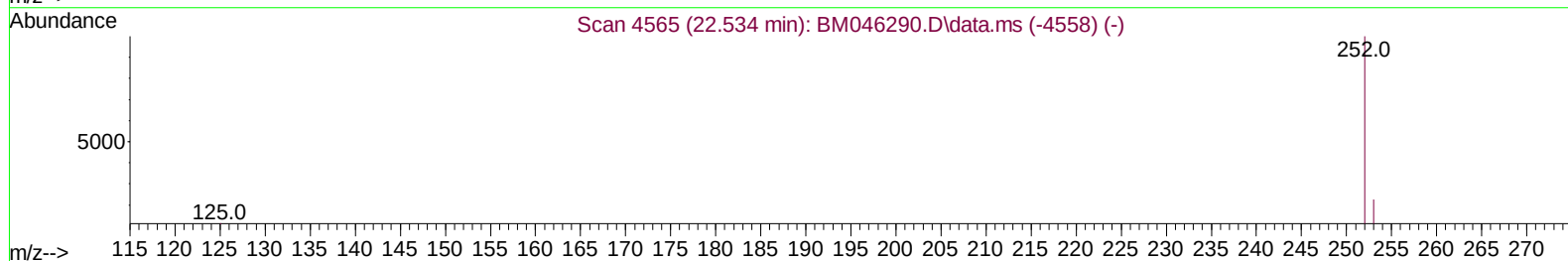
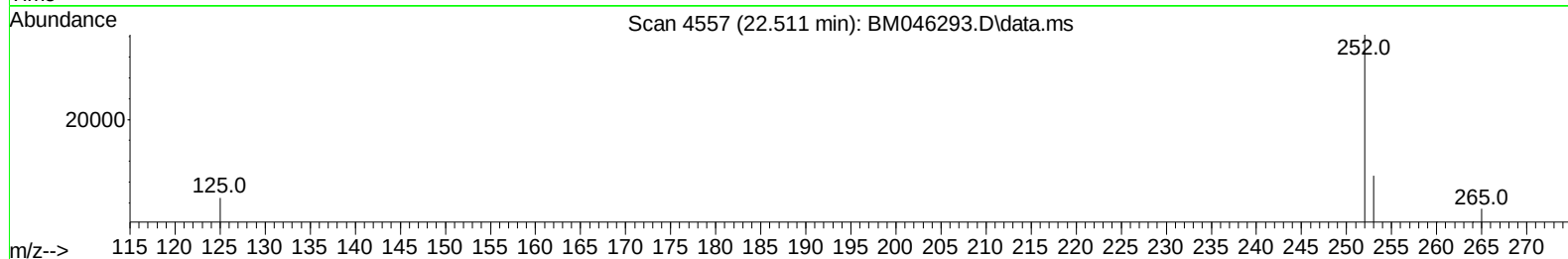
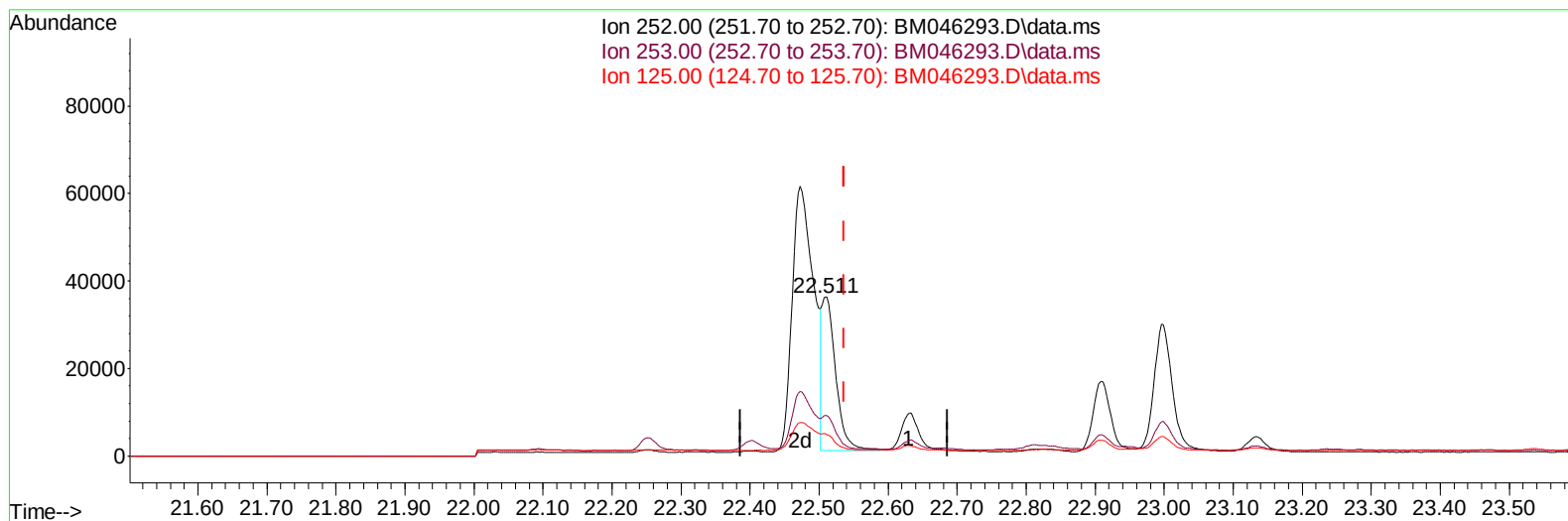
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 Data File : BM046293.D
 Acq On : 25 Jun 2024 16:02
 Operator : MA/JU
 Sample : P2844-12DL 5X
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

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



TIC: BM046293.D\data.ms

(25) Benzo(k)fluoranthene

22.511min (-0.026) 1.45 ng/ul m

response 48333

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	34.00	25.48#
125.00	20.80	13.56#
0.00	0.00	0.00

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 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
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Manual IntegrationsAPPROVED

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.409	152	2336	0.400	ng/ul	-0.05
4) Naphthalene-d8	10.193	136	6737	0.400	ng/ul	-0.06
9) Acenaphthene-d10	14.052	164	3800	0.400	ng/ul	-0.04
13) Phenanthrene-d10	16.798	188	7881	0.400	ng/ul	-0.06
17) Chrysene-d12	20.997	240	6582	0.400	ng/ul	-0.03
23) Perylene-d12	23.087	264	7789m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.025	96	2009	0.627	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.815	152	448	0.050	ng/ul	-0.06
18) Fluoranthene-d10	18.829	212	1232	0.062	ng/ul	-0.04
Target Compounds						
					Qvalue	
5) Naphthalene	10.242	128	1522	0.081	ng/ul#	74
7) 2-Methylnaphthalene	11.898	142	498	0.047	ng/ul	99
8) 1-Methylnaphthalene	12.101	142	518	0.045	ng/ul	98
10) Acenaphthylene	13.774	152	4586	0.254	ng/ul	96
11) Acenaphthene	14.117	153	3315	0.255	ng/ul	93
12) Fluorene	15.116	166	4680	0.335	ng/ul	99
15) Phenanthrene	16.840	178	122636	5.539	ng/ul	95
16) Anthracene	16.933	178	22483	1.363	ng/ul	97
19) Fluoranthene	18.857	202	264036	9.265	ng/ul	96
20) Pyrene	19.224	202	181573	5.891	ng/ul	95
21) Benzo(a)anthracene	20.983	228	102833	4.045	ng/ul	99
22) Chrysene	21.035	228	92902	2.863	ng/ul	99
24) Benzo(b)fluoranthene	22.473	252	128470m	4.578	ng/ul	
25) Benzo(k)fluoranthene	22.511	252	48333m	1.449	ng/ul	
26) Benzo(a)pyrene	22.996	252	53812	2.069	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	25.129	276	54002	1.269	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.129	278	14408	0.455	ng/ul	95
29) Benzo(g,h,i)perylene	25.746	276	7773	0.213	ng/ul#	85

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

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