

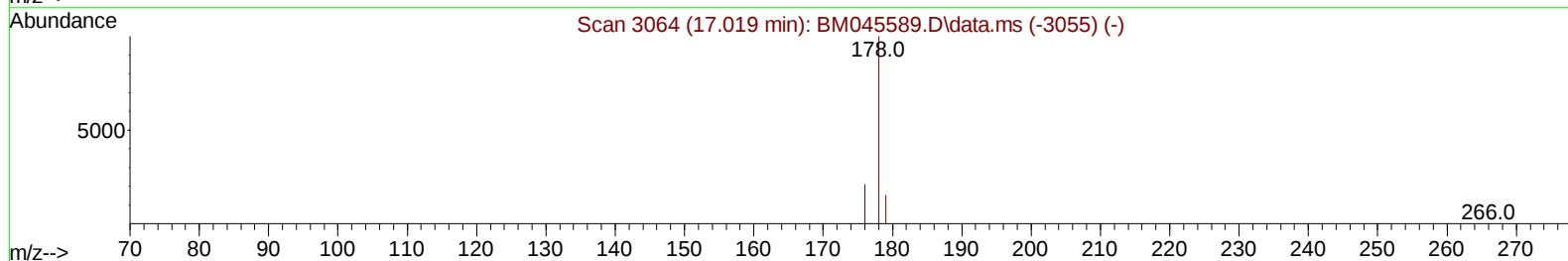
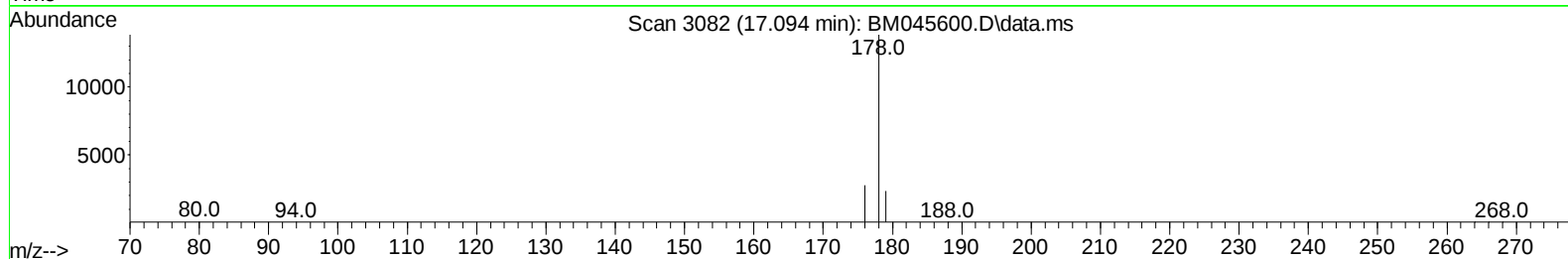
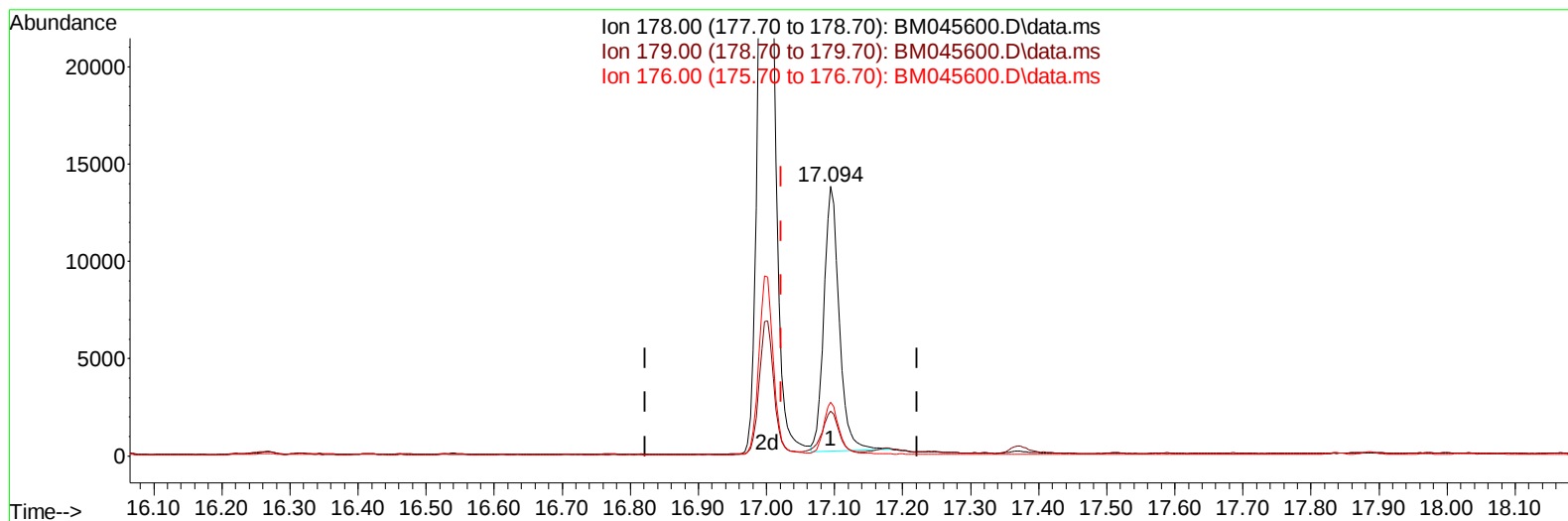
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042524\
 Data File : BM045600.D
 Acq On : 26 Apr 2024 22:44
 Operator : MA/JU
 Sample : P2203-22MSD
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E1CX4MSD

Manual IntegrationsAPPROVED

Quant Time: Apr 26 23:54:05 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM042024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 26 23:51:18 2024
 Response via : Initial Calibration

Reviewed By :Yogesh Patel 04/27/2024
 Supervised By :mohammad ahmed 04/27/2024



TIC: BM045600.D\data.ms

(15) Phenanthrene

17.094min (+ 0.073) 3.18 ng/u1

response 21288

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	19.30	16.74
176.00	23.70	20.01
0.00	0.00	0.00

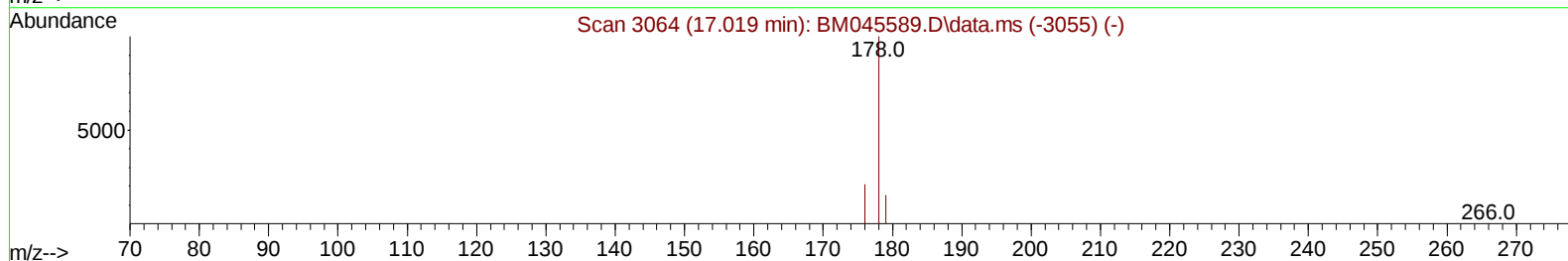
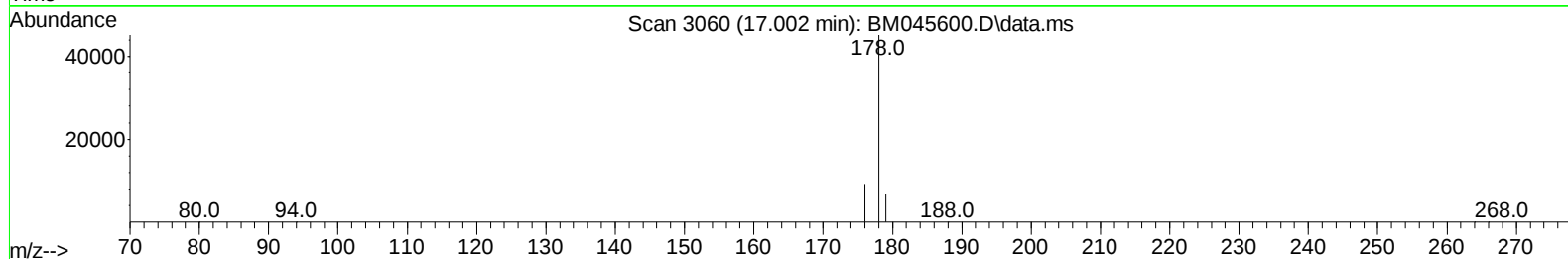
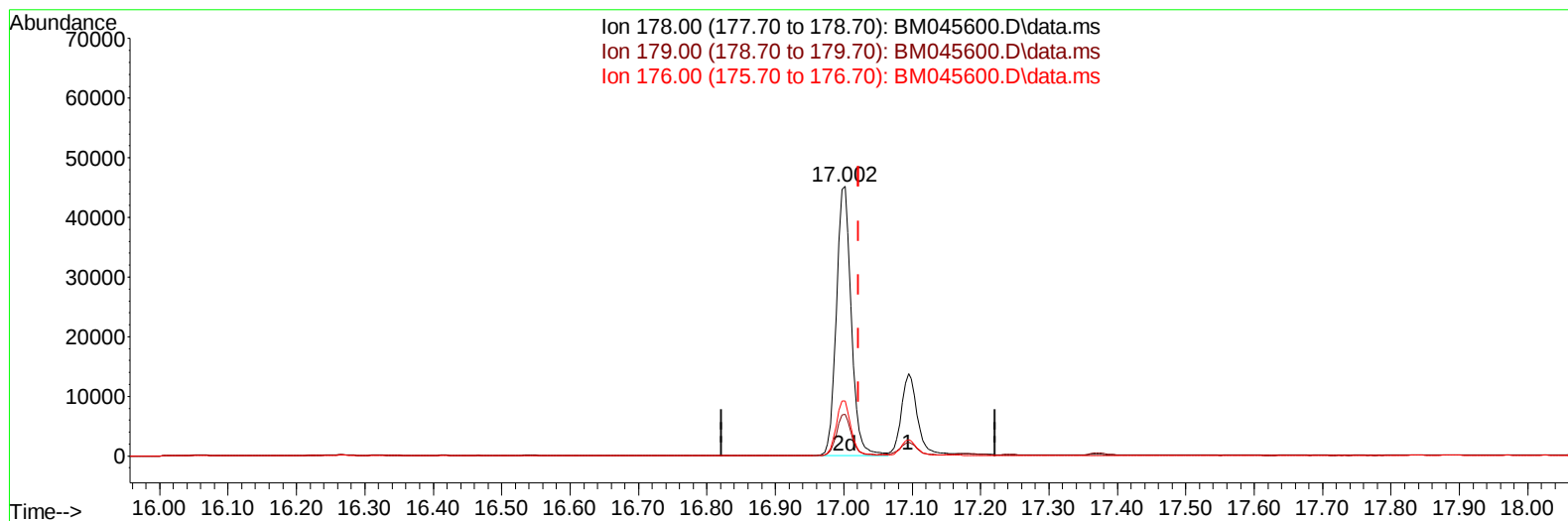
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(15) Phenanthrene

17.002min (-0.020) 10.15 ng/u1 m

response 67912

Ion	Exp%	Act%
178.00	100.00	100.00
179.00	19.30	15.39#
176.00	23.70	20.34
0.00	0.00	0.00

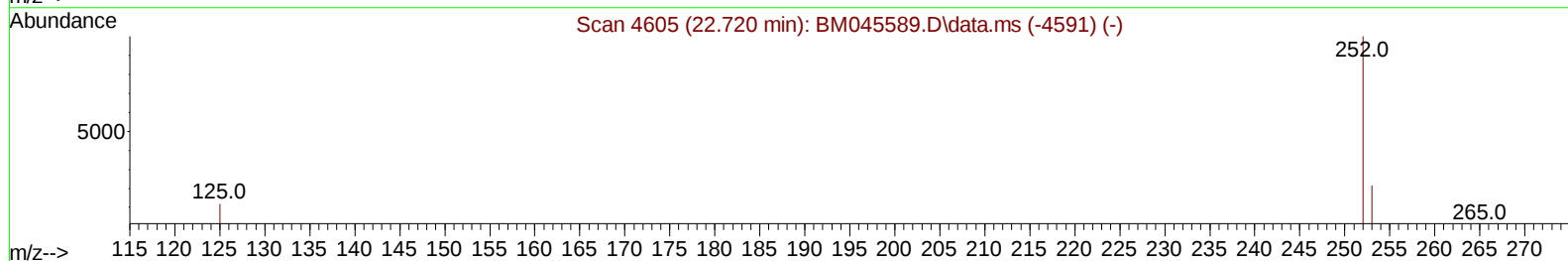
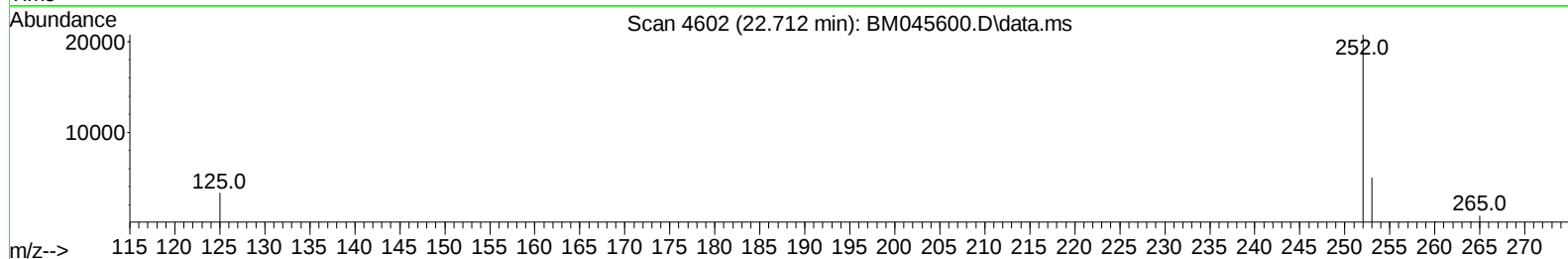
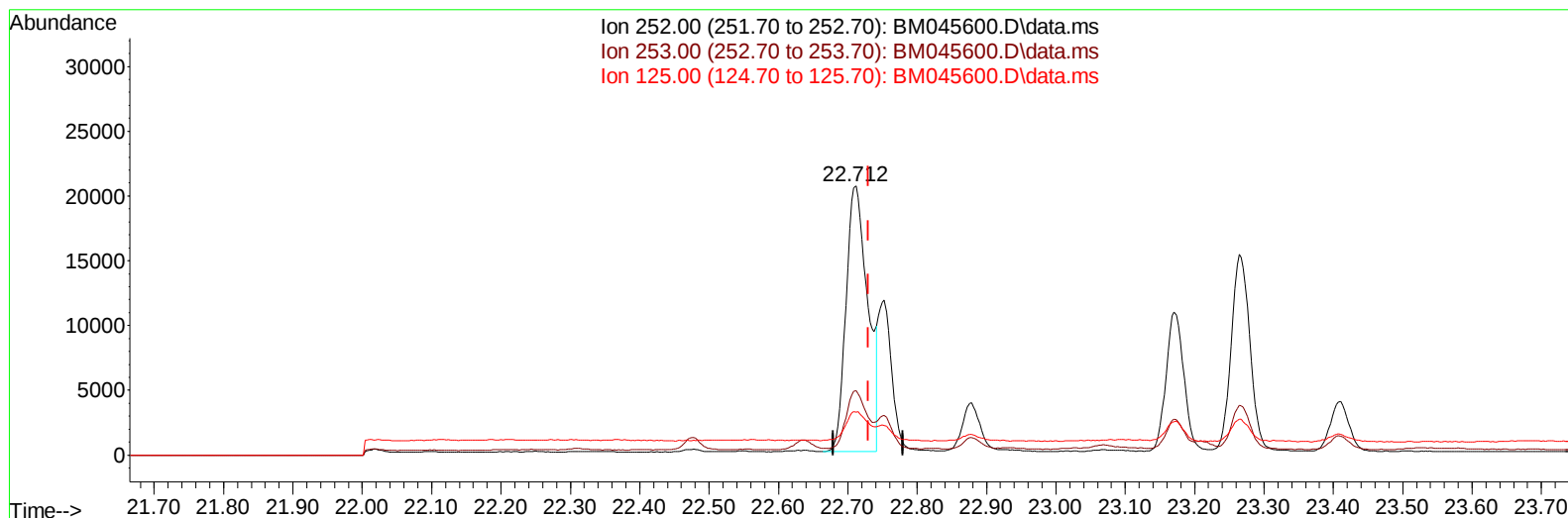
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TIC: BM045600.D\data.ms

(24) Benzo(b)fluoranthene

22.712min (-0.018) 3.82 ng/u1

response 44679

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	23.96
125.00	18.40	15.92
0.00	0.00	0.00

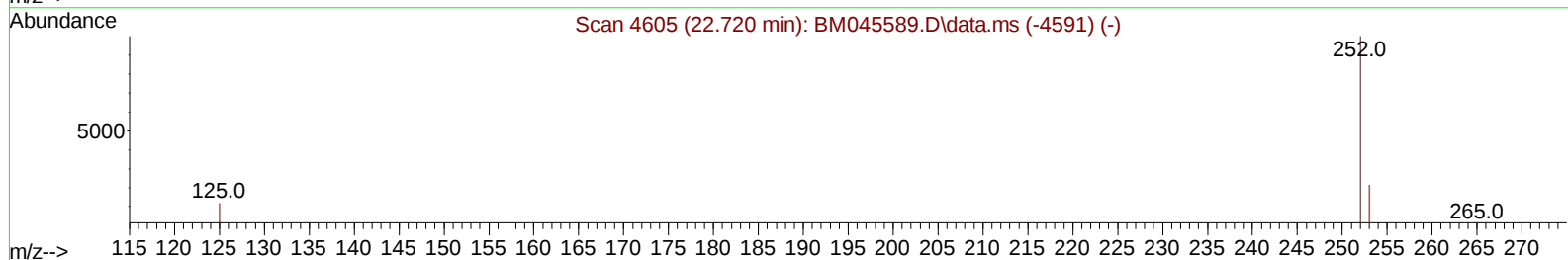
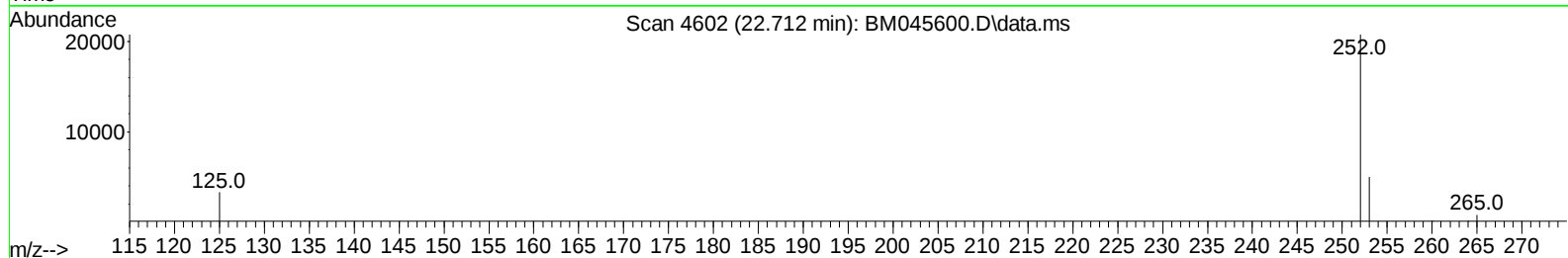
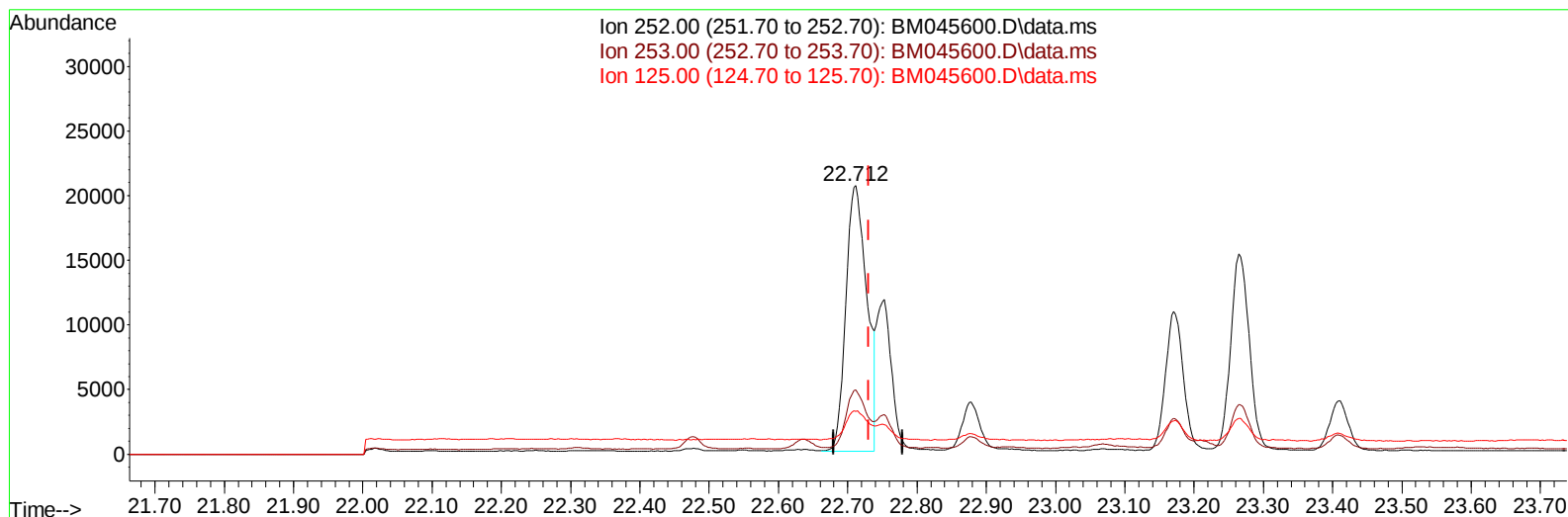
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Instrument :
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TIC: BM045600.D\data.ms

(24) Benzo(b)fluoranthene

22.712min (-0.018) 3.69 ng/u1 m

response 43141

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	23.96
125.00	18.40	15.92
0.00	0.00	0.00

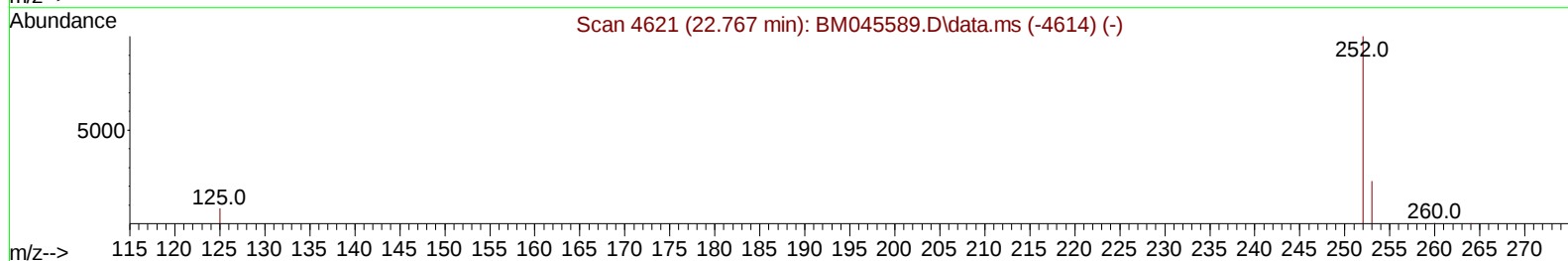
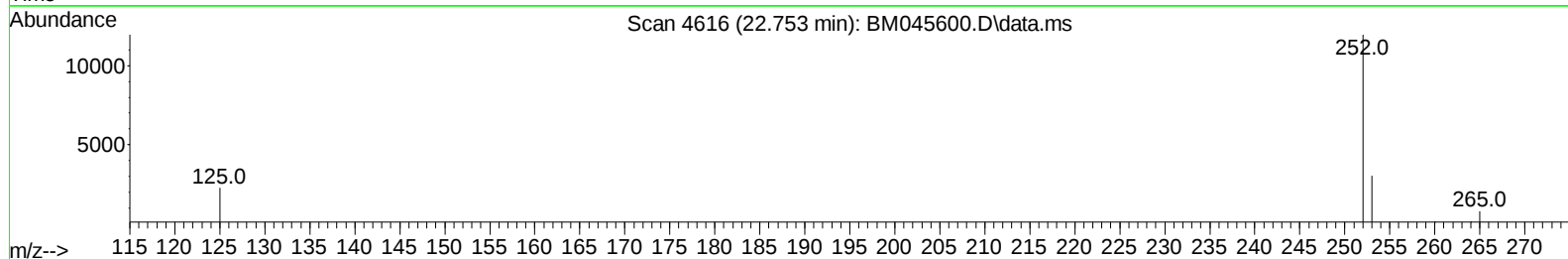
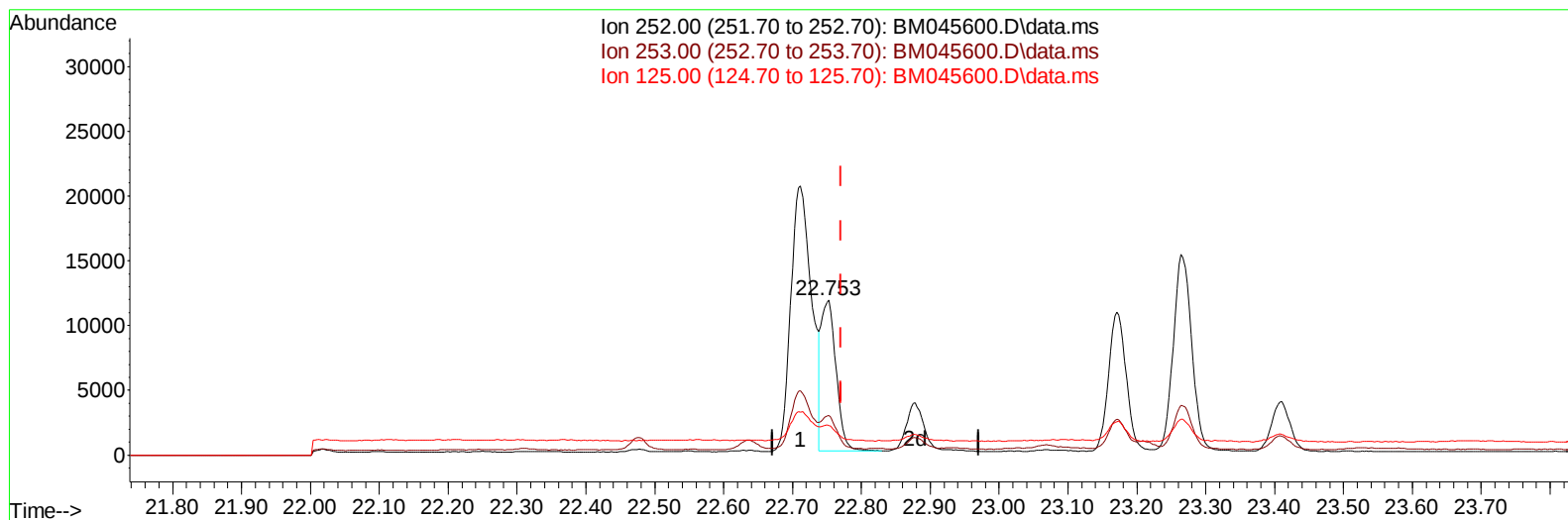
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TIC: BM045600.D\data.ms

(25) Benzo(k)fluoranthene

22.753min (-0.018) 1.18 ng/ul m

response 17518

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	31.70	25.47
125.00	18.50	18.91
0.00	0.00	0.00

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 Data File : BM045600.D
 Acq On : 26 Apr 2024 22:44
 Operator : MA/JU
 Sample : P2203-22MSD
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E1CX4MSD

Manual IntegrationsAPPROVED

Reviewed By :Yogesh Patel 04/27/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.555	152	647	0.400	ng/ul	0.00
4) Naphthalene-d8	10.314	136	2042	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.196	164	1087	0.400	ng/ul	-0.01
13) Phenanthrene-d10	16.959	188	2297	0.400	ng/ul	-0.02
17) Chrysene-d12	21.175	240	2177	0.400	ng/ul	#-0.02
23) Perylene-d12	23.361	264	3479	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.171	96	504	0.581	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.920	152	821	0.305	ng/ul	-0.01
18) Fluoranthene-d10	18.997	212	1737	0.253	ng/ul	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.196	88	998	1.196	ng/ul#	86
5) Naphthalene	10.363	128	16727	3.050	ng/ul#	87
7) 2-Methylnaphthalene	11.991	142	5467	1.746	ng/ul	100
8) 1-Methylnaphthalene	12.211	142	3179	0.905	ng/ul	98
10) Acenaphthylene	13.914	152	4899	0.914	ng/ul	95
11) Acenaphthene	14.257	153	8990	2.258	ng/ul	96
12) Fluorene	15.260	166	11316	2.657	ng/ul#	97
15) Phenanthrene	17.002	178	67912m	10.152	ng/ul	
16) Anthracene	17.094	178	23132	3.696	ng/ul#	91
19) Fluoranthene	19.030	202	74415	7.407	ng/ul#	89
20) Pyrene	19.397	202	56031	5.426	ng/ul#	90
21) Benzo(a)anthracene	21.160	228	29808	4.284	ng/ul	97
22) Chrysene	21.213	228	29514	2.759	ng/ul	99
24) Benzo(b)fluoranthene	22.712	252	43141m	3.686	ng/ul	
25) Benzo(k)fluoranthene	22.753	252	17518m	1.185	ng/ul	
26) Benzo(a)pyrene	23.264	252	28442	2.343	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	25.540	276	25904	1.468	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.554	278	9465	0.677	ng/ul	93
29) Benzo(g,h,i)perylene	26.211	276	24132	1.522	ng/ul	93

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

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