

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022124\
 Data File : BM044256.D
 Acq On : 23 Feb 2024 01:26
 Operator : MA/JU
 Sample : P1493-22MSD
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BH3W7MSD

Quant Time: Feb 23 01:58:10 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 15 13:40:24 2024
 Response via : Initial Calibration

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

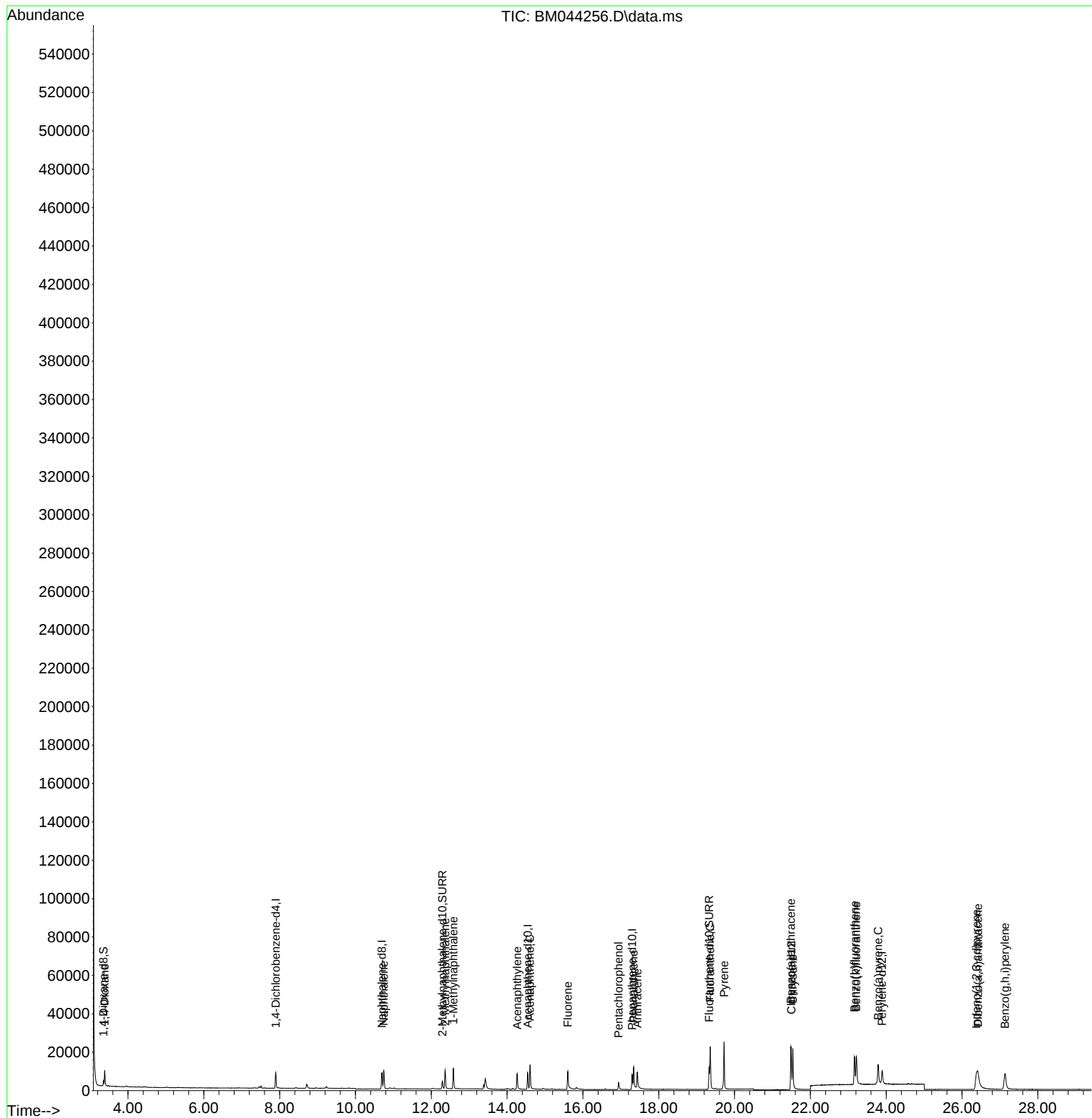
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.896	152	4313	0.400	ng/ul	0.00
4) Naphthalene-d8	10.699	136	12502	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.543	164	5455	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.296	188	11589	0.400	ng/ul	0.00
17) Chrysene-d12	21.499	240	10594	0.400	ng/ul	0.00
23) Perylene-d12	23.890	264	11645	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	1715	0.281	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.294	152	6377	0.364	ng/ul	0.00
18) Fluoranthene-d10	19.331	212	14298	0.452	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.386	88	5093	0.834	ng/ul#	83
5) Naphthalene	10.749	128	14181	0.382	ng/ul	99
7) 2-Methylnaphthalene	12.365	142	8092	0.353	ng/ul	98
8) 1-Methylnaphthalene	12.585	142	8369	0.361	ng/ul	100
10) Acenaphthylene	14.265	152	11744	0.392	ng/ul	99
11) Acenaphthene	14.603	153	8398	0.386	ng/ul	99
12) Fluorene	15.602	166	8748	0.357	ng/ul	97
14) Pentachlorophenol	16.942	266	3207	0.773	ng/ul	99
15) Phenanthrene	17.339	178	15123	0.412	ng/ul	99
16) Anthracene	17.436	178	15346	0.422	ng/ul	99
19) Fluoranthene	19.359	202	20640	0.427	ng/ul	97
20) Pyrene	19.721	202	21935	0.432	ng/ul	96
21) Benzo(a)anthracene	21.485	228	19090	0.393	ng/ul	99
22) Chrysene	21.535	228	22970	0.439	ng/ul	99
24) Benzo(b)fluoranthene	23.162	252	21007	0.437	ng/ul	97
25) Benzo(k)fluoranthene	23.212	252	24191	0.464	ng/ul	97
26) Benzo(a)pyrene	23.785	252	19178	0.429	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.376	276	23470	0.413	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.420	278	18495	0.413	ng/ul	97
29) Benzo(g,h,i)perylene	27.134	276	21156	0.421	ng/ul	98

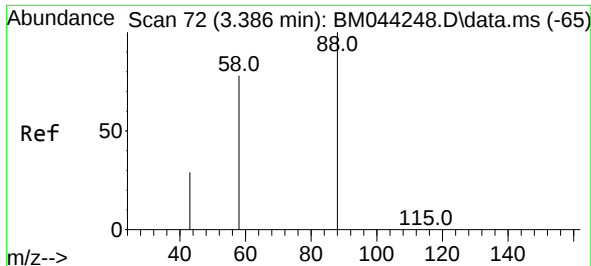
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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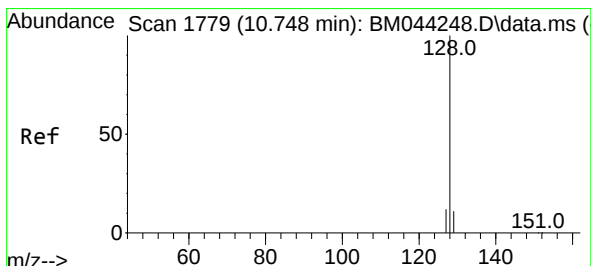
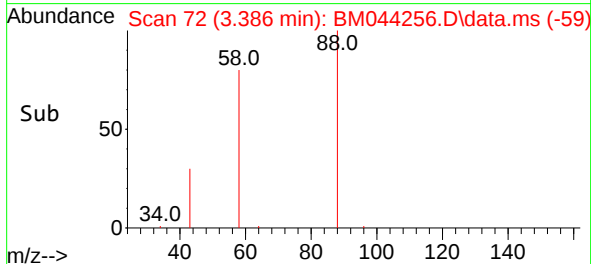
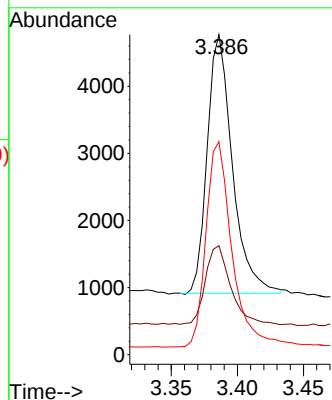
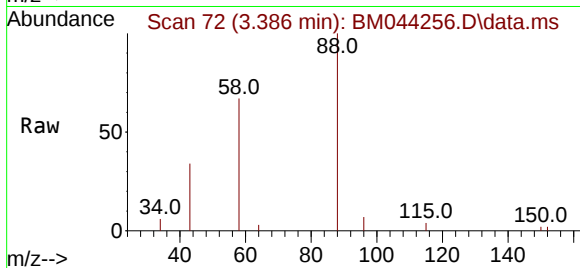




#2
1,4-Dioxane
Concen: 0.834 ng/ul
RT: 3.386 min Scan# 71
Delta R.T. -0.004 min
Lab File: BM044256.D
Acq: 23 Feb 2024 01:26

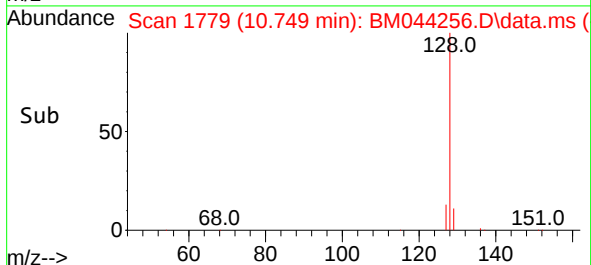
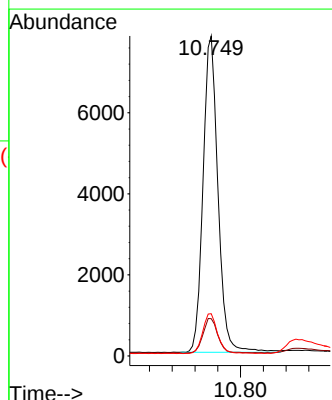
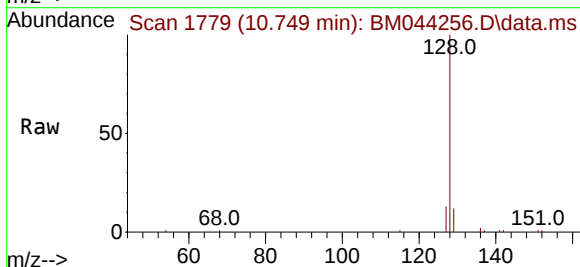
Instrument :
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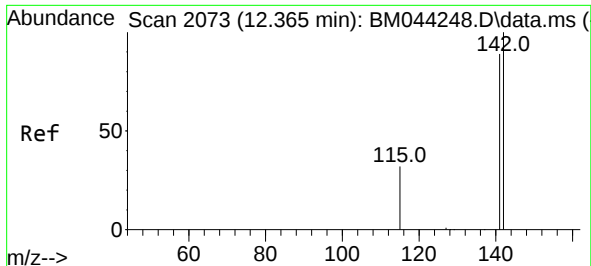
Tgt Ion: 88 Resp: 5093
Ion Ratio Lower Upper
88 100
43 34.0 32.2 48.2
58 66.6 40.6 60.8#



#5
Naphthalene
Concen: 0.382 ng/ul
RT: 10.749 min Scan# 1779
Delta R.T. -0.005 min
Lab File: BM044256.D
Acq: 23 Feb 2024 01:26

Tgt Ion: 128 Resp: 14181
Ion Ratio Lower Upper
128 100
129 11.6 9.5 14.3
127 13.2 10.7 16.1

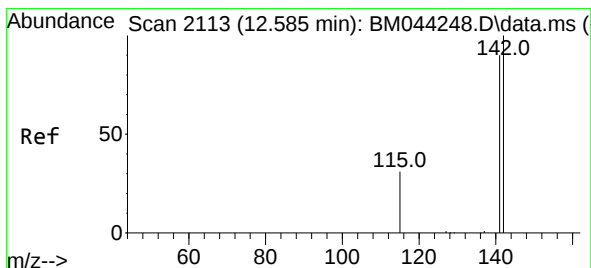
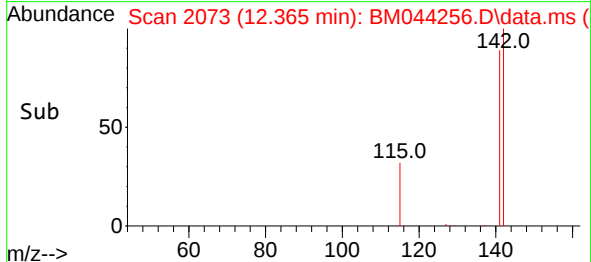
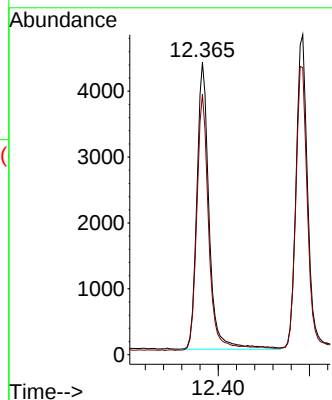
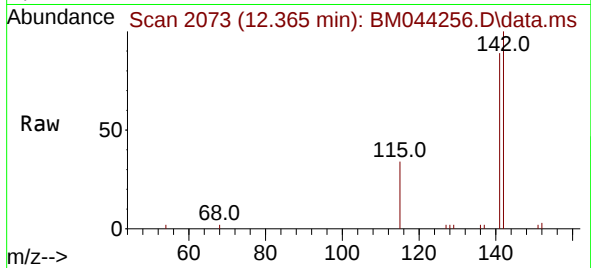




#7
2-Methylnaphthalene
Concen: 0.353 ng/ul
RT: 12.365 min Scan# 2073
Delta R.T. -0.005 min
Lab File: BM044256.D
Acq: 23 Feb 2024 01:26

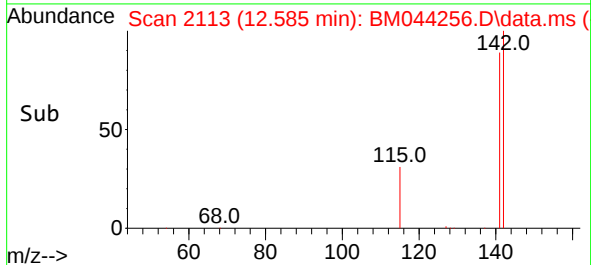
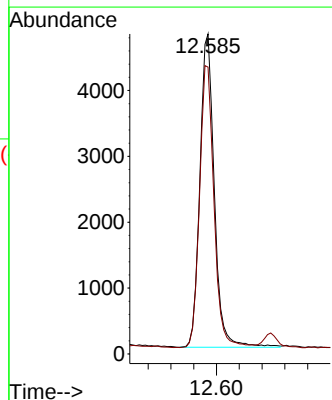
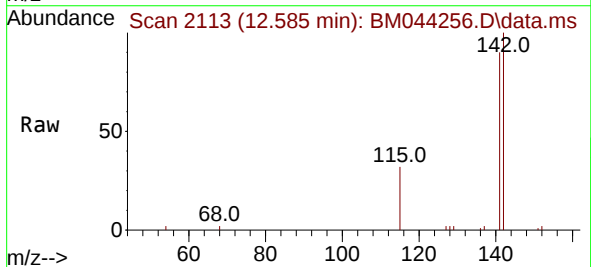
Instrument :
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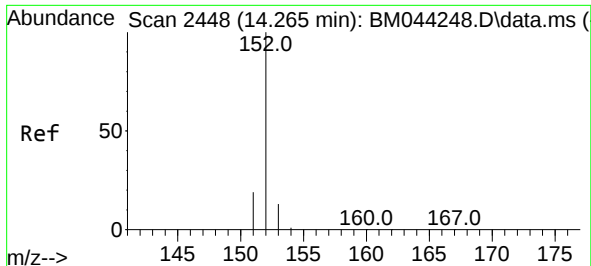
Tgt Ion:142 Resp: 8092
Ion Ratio Lower Upper
142 100
141 89.4 70.0 105.0



#8
1-Methylnaphthalene
Concen: 0.361 ng/ul
RT: 12.585 min Scan# 2113
Delta R.T. -0.005 min
Lab File: BM044256.D
Acq: 23 Feb 2024 01:26

Tgt Ion:142 Resp: 8369
Ion Ratio Lower Upper
142 100
141 90.1 72.5 108.7

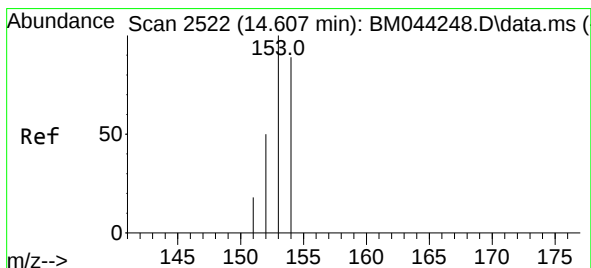
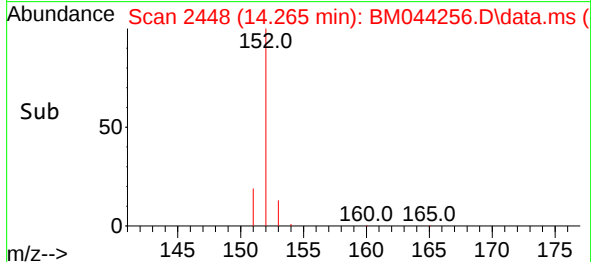
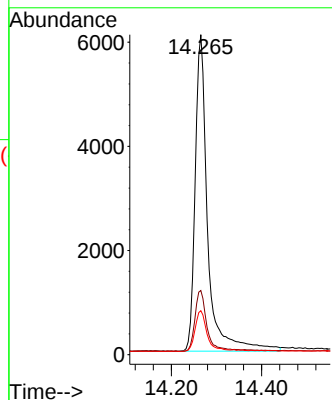
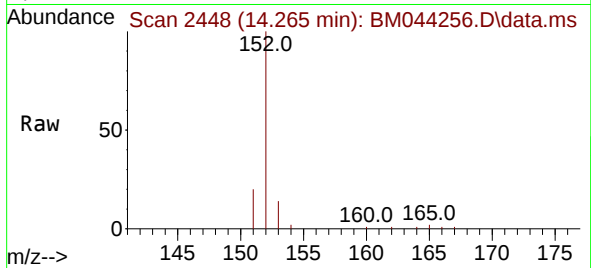




#10
Acenaphthylene
Concen: 0.392 ng/ul
RT: 14.265 min Scan# 2448
Delta R.T. -0.004 min
Lab File: BM044256.D
Acq: 23 Feb 2024 01:26

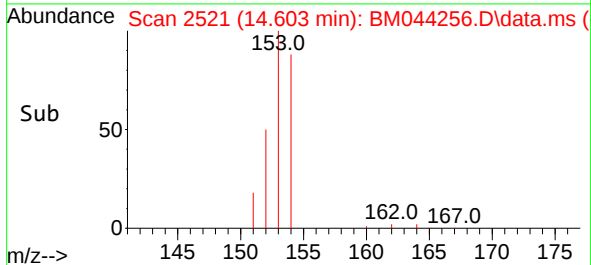
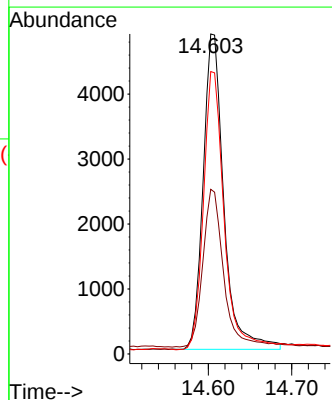
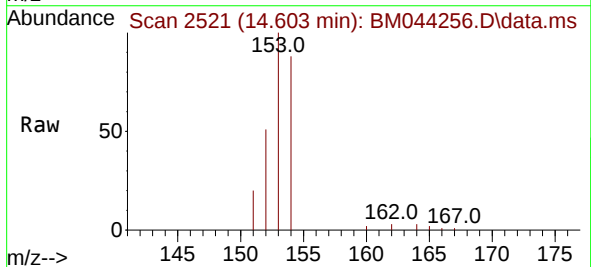
Instrument :
BNA_M
ClientSampleId :
BH3W7MSD

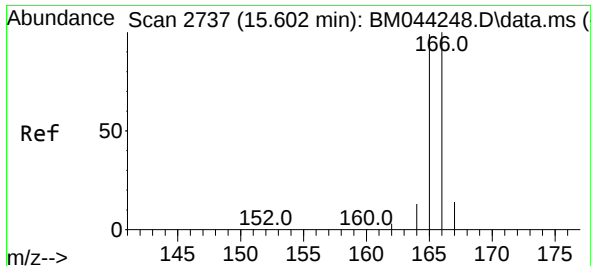
Tgt Ion:152 Resp: 11744
Ion Ratio Lower Upper
152 100
151 20.1 15.5 23.3
153 13.8 10.8 16.2



#11
Acenaphthene
Concen: 0.386 ng/ul
RT: 14.603 min Scan# 2521
Delta R.T. -0.004 min
Lab File: BM044256.D
Acq: 23 Feb 2024 01:26

Tgt Ion:153 Resp: 8398
Ion Ratio Lower Upper
153 100
152 51.5 40.6 61.0
154 88.2 70.1 105.1

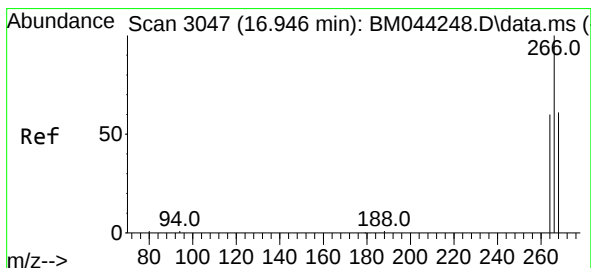
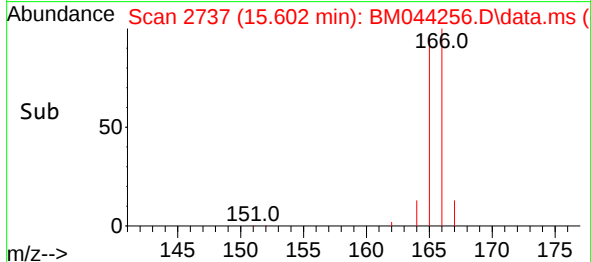
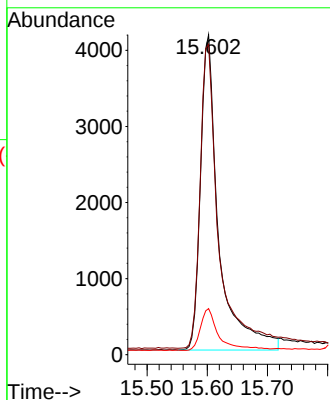
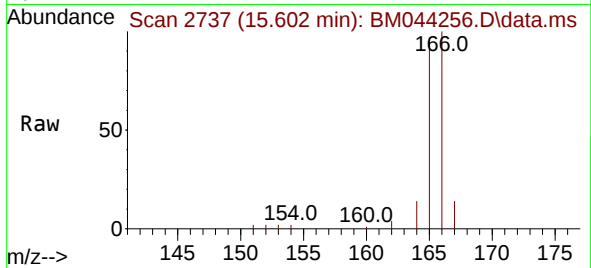




#12
 Fluorene
 Concen: 0.357 ng/ul
 RT: 15.602 min Scan# 21
 Delta R.T. 0.005 min
 Lab File: BM044256.D
 Acq: 23 Feb 2024 01:26

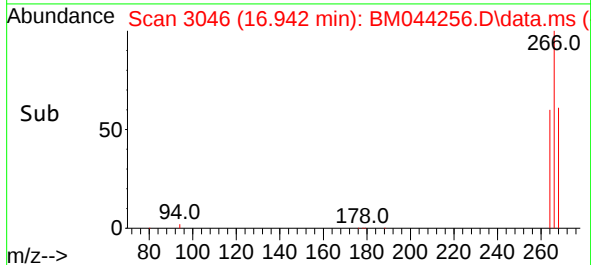
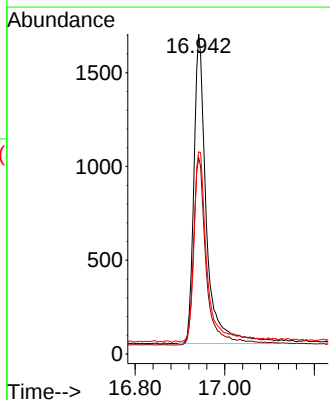
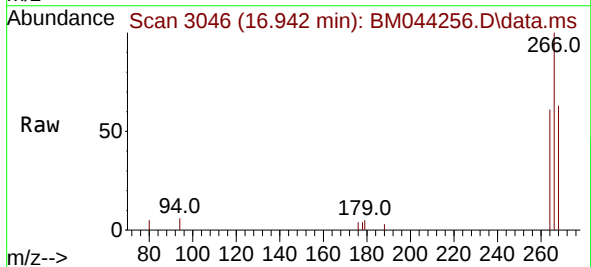
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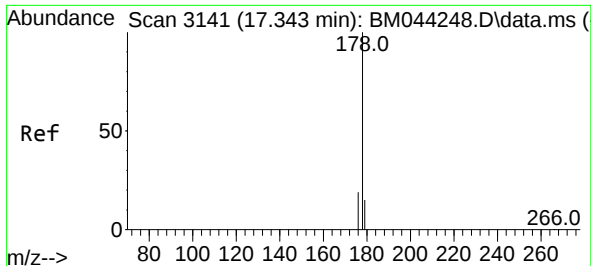
Tgt Ion:166 Resp: 8748
 Ion Ratio Lower Upper
 166 100
 165 97.0 79.8 119.6
 167 14.4 11.1 16.7



#14
 Pentachlorophenol
 Concen: 0.773 ng/ul
 RT: 16.942 min Scan# 3046
 Delta R.T. -0.004 min
 Lab File: BM044256.D
 Acq: 23 Feb 2024 01:26

Tgt Ion:266 Resp: 3207
 Ion Ratio Lower Upper
 266 100
 264 62.3 49.4 74.0
 268 63.5 52.1 78.1

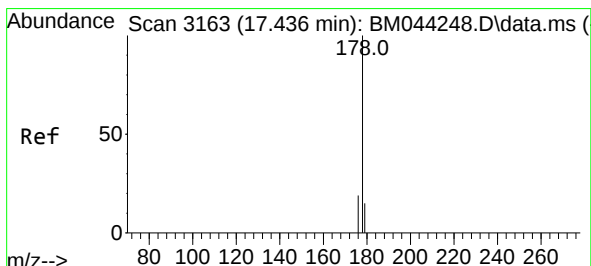
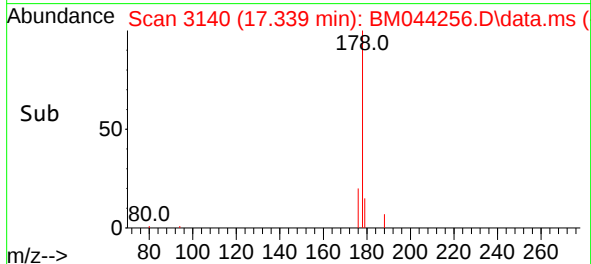
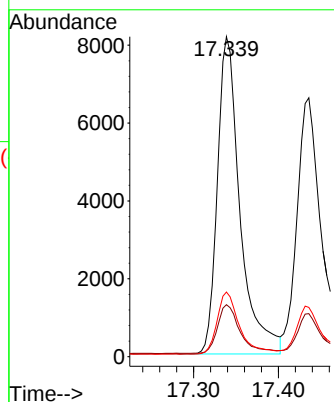
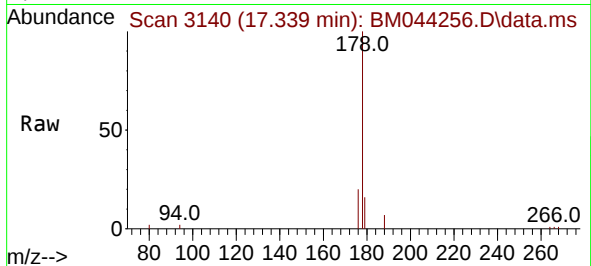




#15
Phenanthrene
Concen: 0.412 ng/ul
RT: 17.339 min Scan# 3140
Delta R.T. 0.000 min
Lab File: BM044256.D
Acq: 23 Feb 2024 01:26

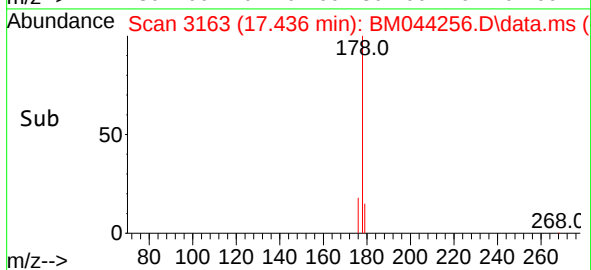
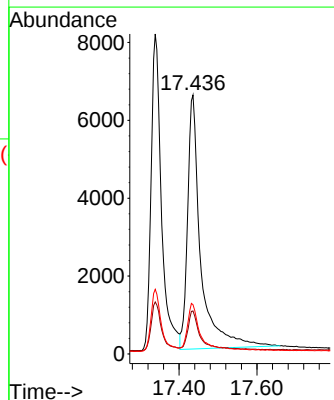
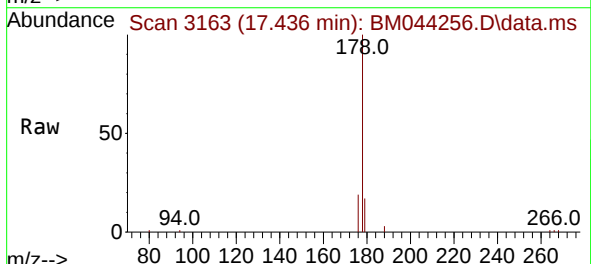
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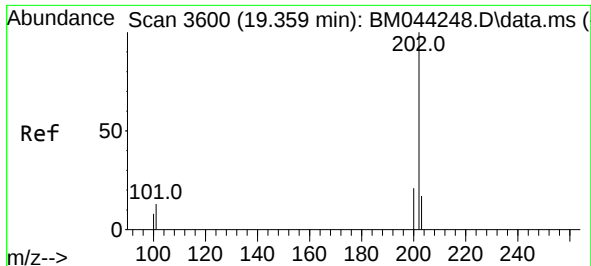
Tgt Ion:178 Resp: 15123
Ion Ratio Lower Upper
178 100
179 16.3 12.6 19.0
176 20.2 16.0 24.0



#16
Anthracene
Concen: 0.422 ng/ul
RT: 17.436 min Scan# 3163
Delta R.T. 0.000 min
Lab File: BM044256.D
Acq: 23 Feb 2024 01:26

Tgt Ion:178 Resp: 15346
Ion Ratio Lower Upper
178 100
179 16.6 12.8 19.2
176 19.0 15.3 22.9

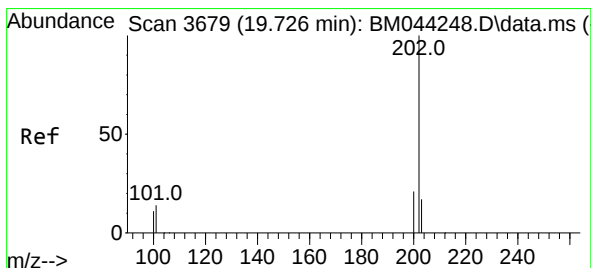
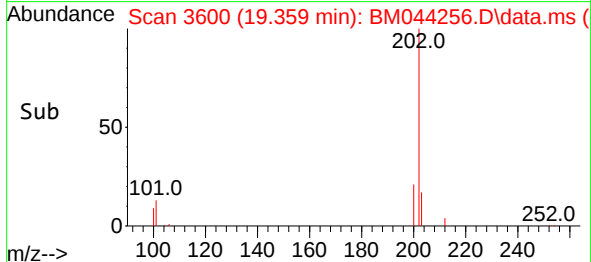
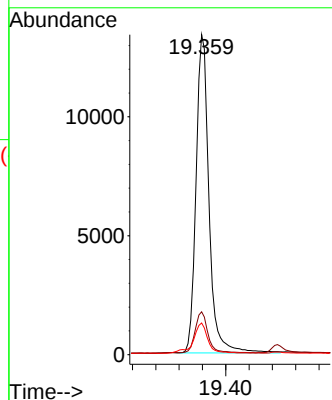
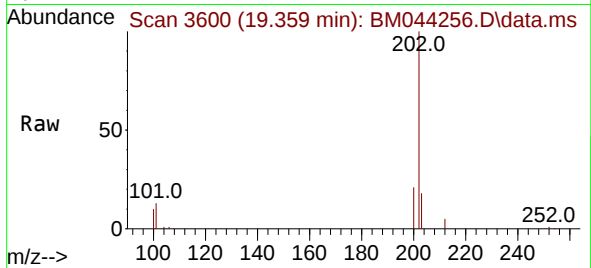




#19
Fluoranthene
Concen: 0.427 ng/ul
RT: 19.359 min Scan# 3600
Delta R.T. -0.005 min
Lab File: BM044256.D
Acq: 23 Feb 2024 01:26

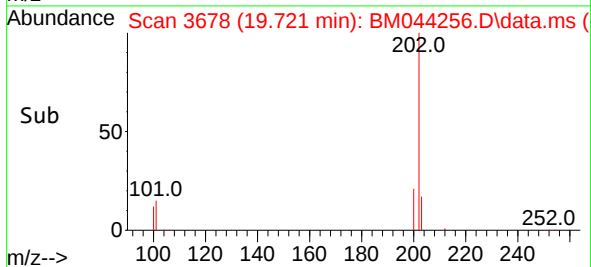
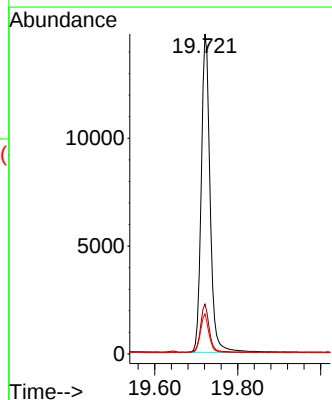
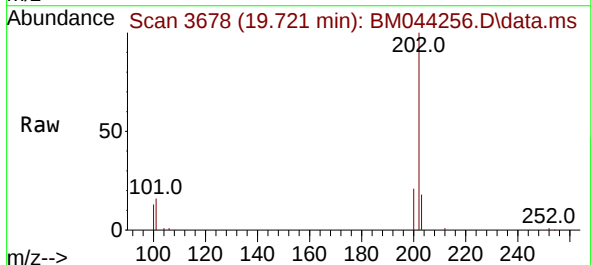
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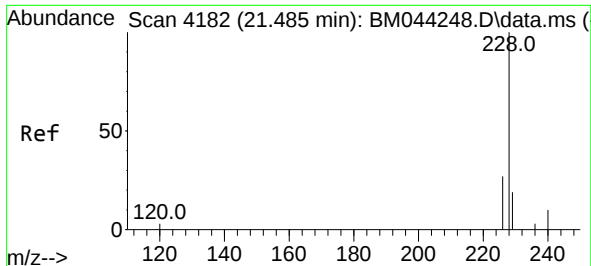
Tgt Ion:202 Resp: 20640
Ion Ratio Lower Upper
202 100
101 13.4 9.8 14.6
100 9.9 7.0 10.4



#20
Pyrene
Concen: 0.432 ng/ul
RT: 19.721 min Scan# 3678
Delta R.T. -0.005 min
Lab File: BM044256.D
Acq: 23 Feb 2024 01:26

Tgt Ion:202 Resp: 21935
Ion Ratio Lower Upper
202 100
101 15.5 11.2 16.8
100 12.6 8.6 13.0

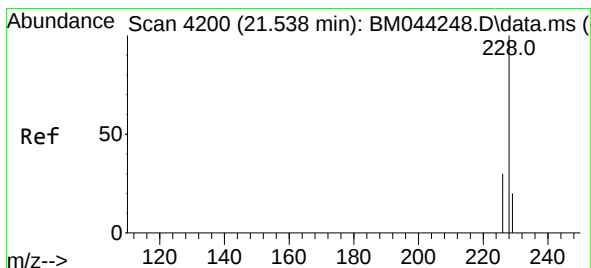
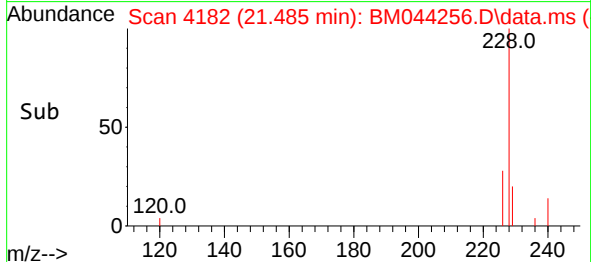
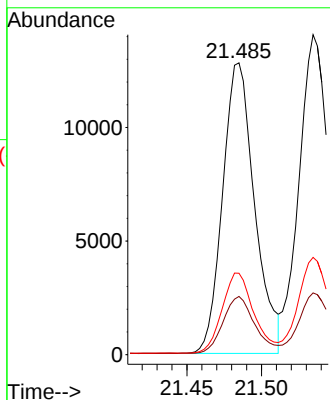
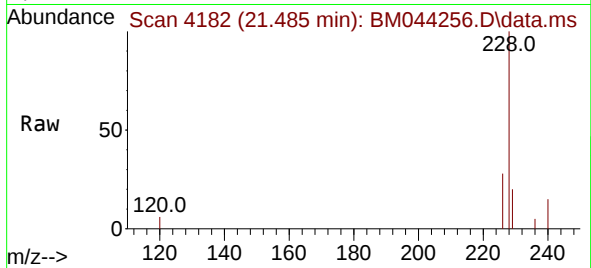




#21
Benzo(a)anthracene
Concen: 0.393 ng/ul
RT: 21.485 min Scan# 4182
Delta R.T. -0.000 min
Lab File: BM044256.D
Acq: 23 Feb 2024 01:26

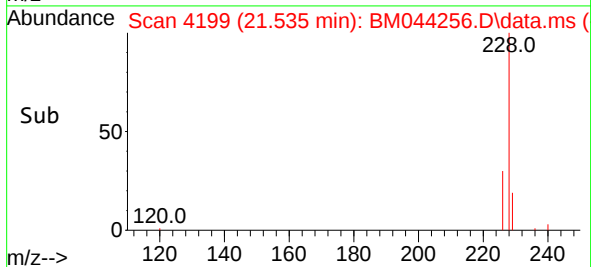
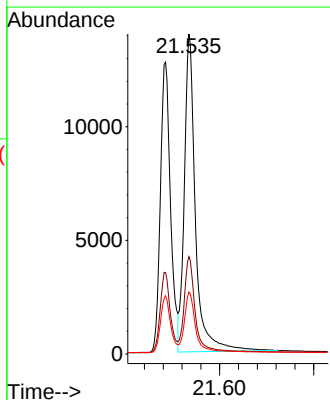
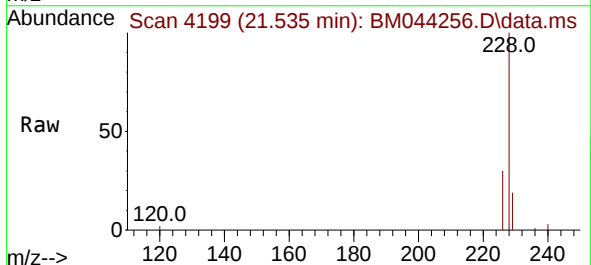
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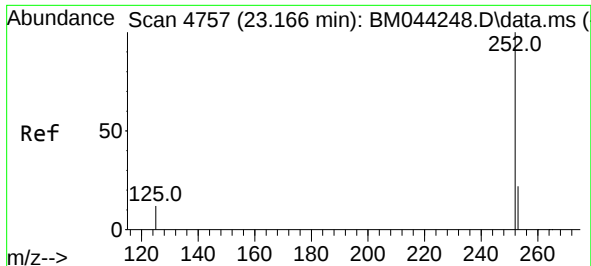
Tgt Ion:228 Resp: 19090
Ion Ratio Lower Upper
228 100
229 19.9 15.4 23.2
226 27.9 22.1 33.1



#22
Chrysene
Concen: 0.439 ng/ul
RT: 21.535 min Scan# 4199
Delta R.T. -0.003 min
Lab File: BM044256.D
Acq: 23 Feb 2024 01:26

Tgt Ion:228 Resp: 22970
Ion Ratio Lower Upper
228 100
226 30.4 24.2 36.2
229 19.3 15.8 23.6

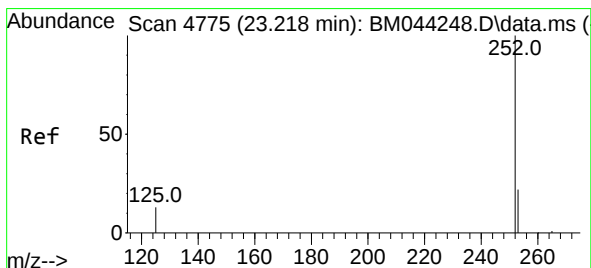
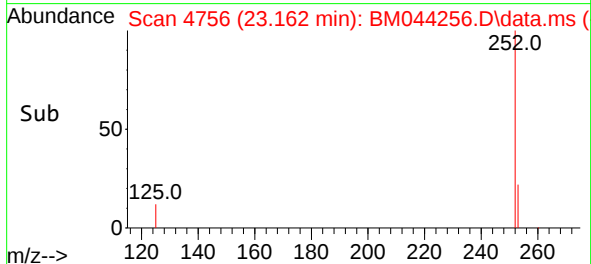
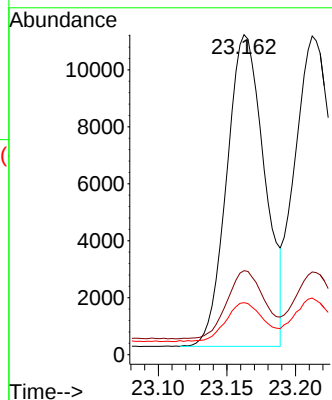
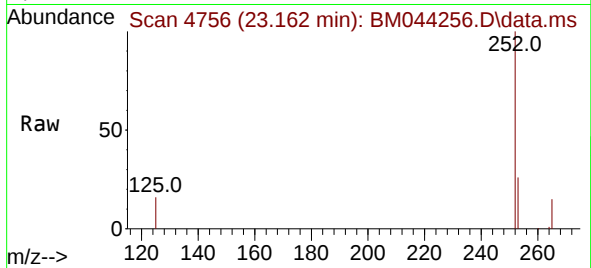




#24
Benzo(b)fluoranthene
Concen: 0.437 ng/ul
RT: 23.162 min Scan# 4756
Delta R.T. -0.000 min
Lab File: BM044256.D
Acq: 23 Feb 2024 01:26

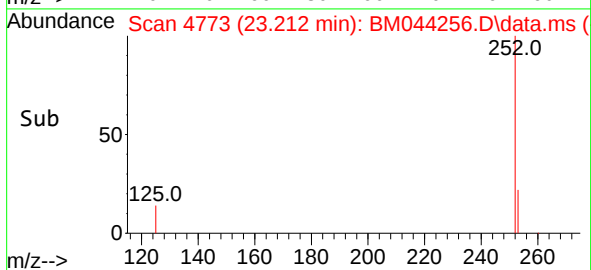
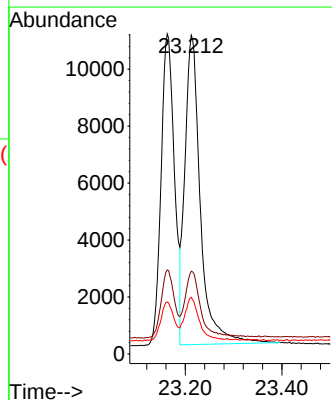
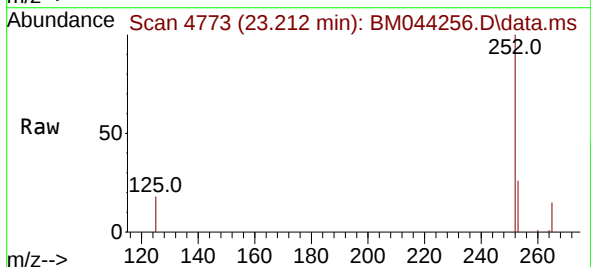
Instrument :
BNA_M
ClientSampleId :
BH3W7MSD

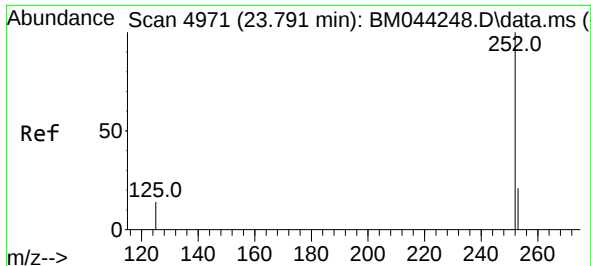
Tgt Ion:252 Resp: 21007
Ion Ratio Lower Upper
252 100
253 26.2 0.0 50.0
125 16.3 0.0 28.2



#25
Benzo(k)fluoranthene
Concen: 0.464 ng/ul
RT: 23.212 min Scan# 4773
Delta R.T. -0.000 min
Lab File: BM044256.D
Acq: 23 Feb 2024 01:26

Tgt Ion:252 Resp: 24191
Ion Ratio Lower Upper
252 100
253 26.0 20.1 30.1
125 17.8 12.3 18.5

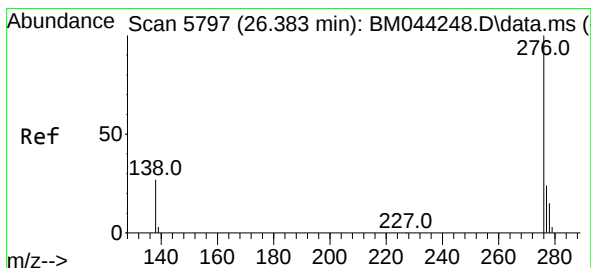
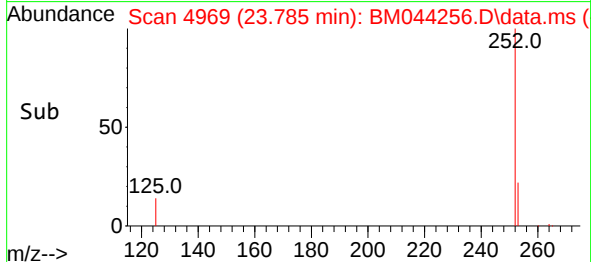
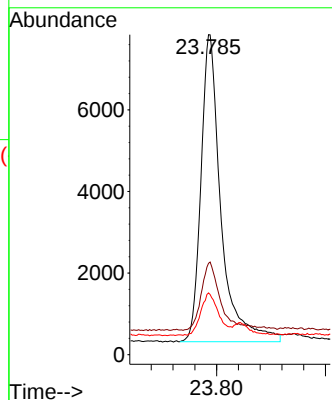
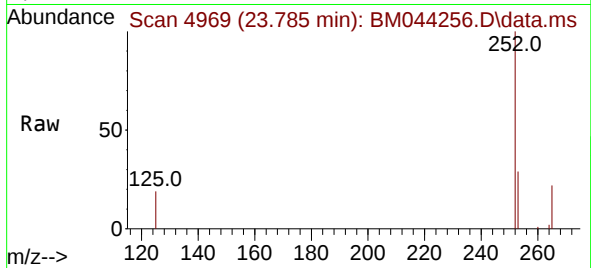




#26
Benzo(a)pyrene
Concen: 0.429 ng/ul
RT: 23.785 min Scan# 4969
Delta R.T. -0.000 min
Lab File: BM044256.D
Acq: 23 Feb 2024 01:26

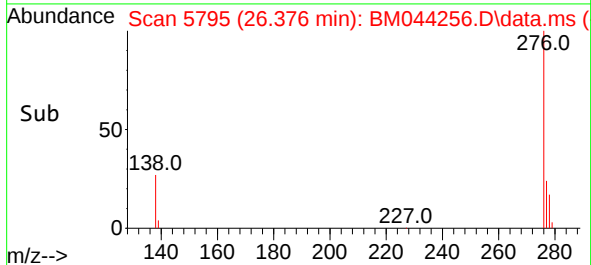
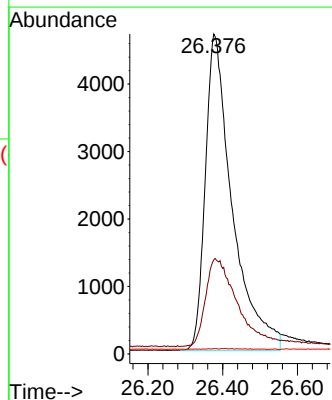
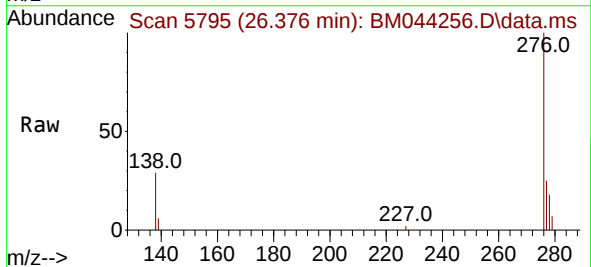
Instrument :
BNA_M
ClientSampleId :
BH3W7MSD

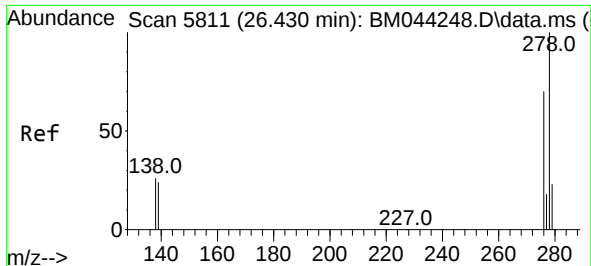
Tgt Ion:	252	Resp:	19178
Ion Ratio	Lower	Upper	
252	100		
253	28.5	21.4	32.2
125	19.3	13.3	19.9



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.413 ng/ul
RT: 26.376 min Scan# 5795
Delta R.T. 0.006 min
Lab File: BM044256.D
Acq: 23 Feb 2024 01:26

Tgt Ion:	276	Resp:	23470
Ion Ratio	Lower	Upper	
276	100		
138	32.8	25.2	37.8
227	0.0	0.1	0.1

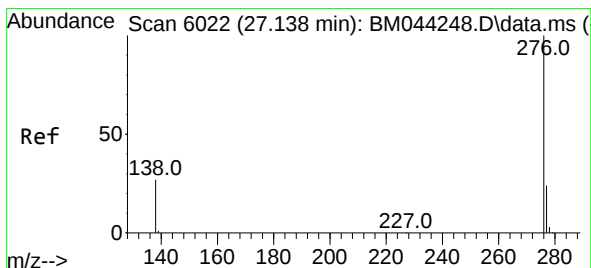
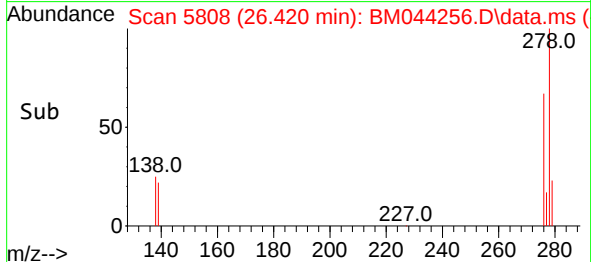
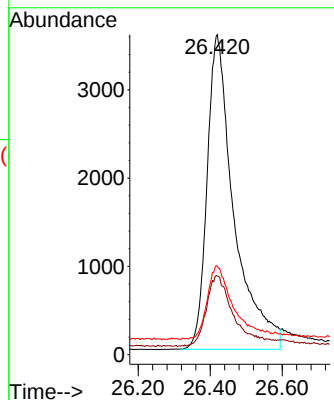
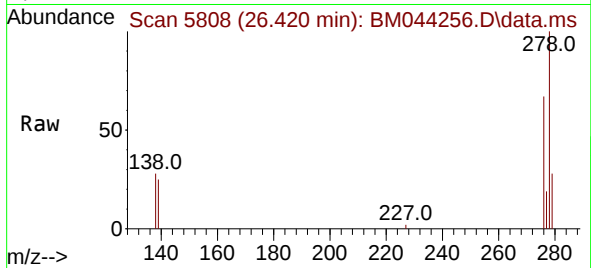




#28
Dibenzo(a,h)anthracene
Concen: 0.413 ng/ul
RT: 26.420 min Scan# 5811
Delta R.T. 0.010 min
Lab File: BM044256.D
Acq: 23 Feb 2024 01:26

Instrument :
BNA_M
ClientSampleId :
BH3W7MSD

Tgt Ion:278 Resp: 18495
Ion Ratio Lower Upper
278 100
139 24.6 17.8 26.8
279 27.6 21.8 32.8



#29
Benzo(g,h,i)perylene
Concen: 0.421 ng/ul
RT: 27.134 min Scan# 6021
Delta R.T. 0.006 min
Lab File: BM044256.D
Acq: 23 Feb 2024 01:26

Tgt Ion:276 Resp: 21156
Ion Ratio Lower Upper
276 100
138 29.6 22.7 34.1
277 24.7 19.0 28.6

