

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM053023\
 Data File : BM040065.D
 Acq On : 30 May 2023 20:31
 Operator : CG/JU
 Sample : PB153102BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS102

Quant Time: May 31 02:03:23 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM052523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 30 14:54:33 2023
 Response via : Initial Calibration

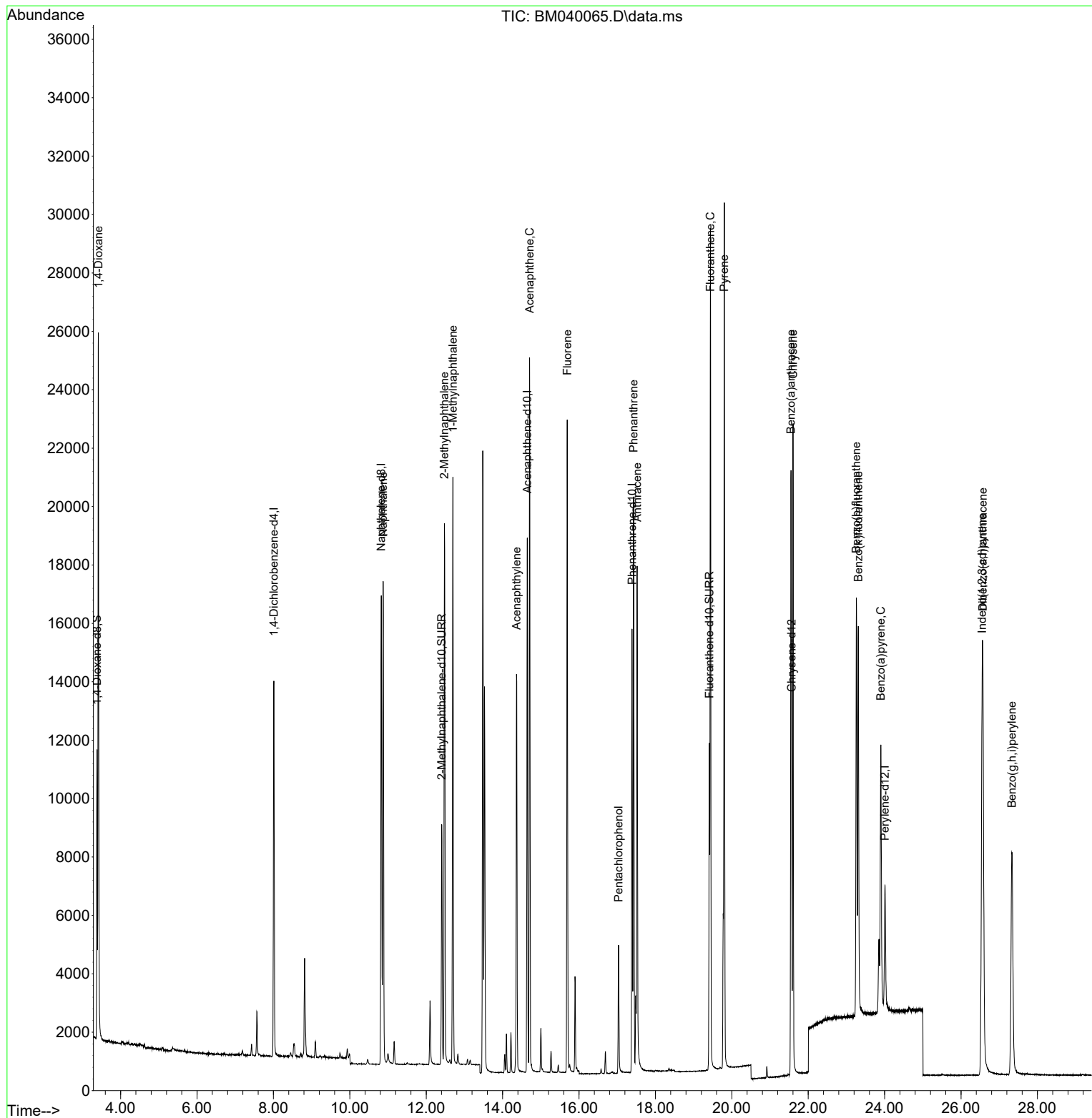
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.012	152	6546	0.400	ng/ul	0.00
4) Naphthalene-d8	10.822	136	21450	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.647	164	9591	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.387	188	16992	0.400	ng/ul	0.00
17) Chrysene-d12	21.564	240	7295	0.400	ng/ul	0.00
23) Perylene-d12	24.008	264	6119	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.380	96	6108	0.801	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.406	152	10629	0.405	ng/ul	0.00
18) Fluoranthene-d10	19.412	212	11415	0.520	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.418	88	15982	1.993	ng/ul	91
5) Naphthalene	10.872	128	22369	0.427	ng/ul	100
7) 2-Methylnaphthalene	12.477	142	13014	0.411	ng/ul	99
8) 1-Methylnaphthalene	12.697	142	13321	0.405	ng/ul	99
10) Acenaphthylene	14.364	152	15660	0.410	ng/ul	100
11) Acenaphthene	14.707	153	13406	0.431	ng/ul	98
12) Fluorene	15.692	166	13846	0.427	ng/ul	98
14) Pentachlorophenol	17.037	266	2957	0.858	ng/ul	99
15) Phenanthrene	17.429	178	20367	0.423	ng/ul	99
16) Anthracene	17.522	178	19648	0.487	ng/ul	100
19) Fluoranthene	19.440	202	22942	0.699	ng/ul	99
20) Pyrene	19.802	202	23365	0.702	ng/ul	99
21) Benzo(a)anthracene	21.547	228	17317	0.705	ng/ul	100
22) Chrysene	21.602	228	19285	0.739	ng/ul	100
24) Benzo(b)fluoranthene	23.260	252	18363	0.756	ng/ul	98
25) Benzo(k)fluoranthene	23.309	252	17644	0.720	ng/ul	99
26) Benzo(a)pyrene	23.900	252	14782	0.727	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.551	276	21169	0.724	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.571	278	16925	0.716	ng/ul	99
29) Benzo(g,h,i)perylene	27.329	276	17754	0.740	ng/ul	98

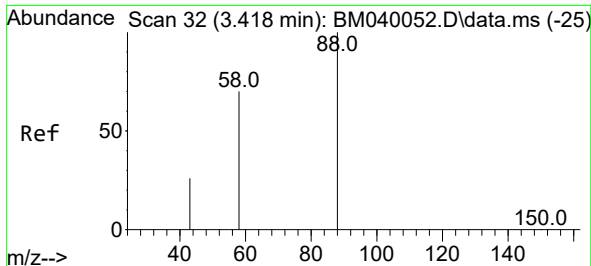
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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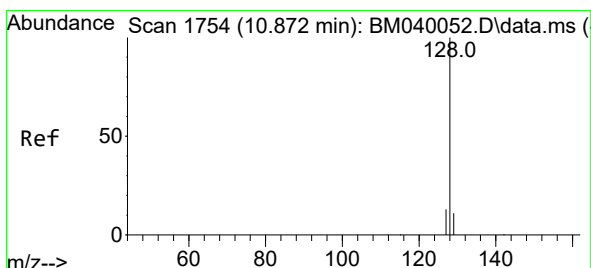
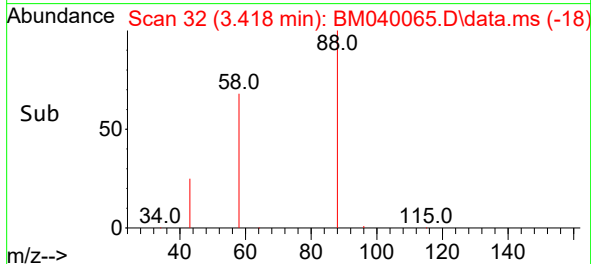
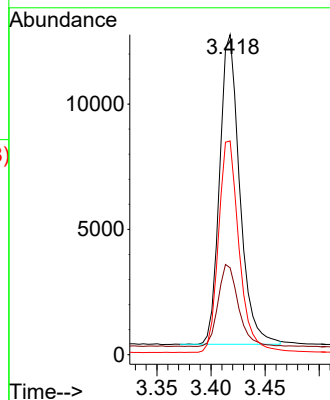
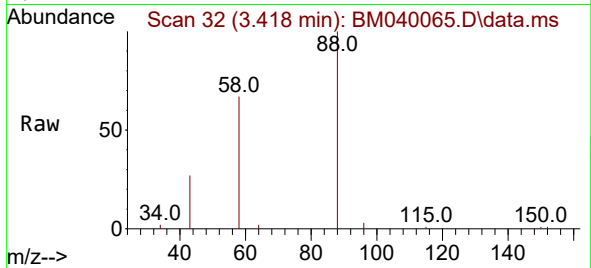




#2
1,4-Dioxane
Concen: 1.993 ng/ul
RT: 3.418 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM040065.D
Acq: 30 May 2023 20:31

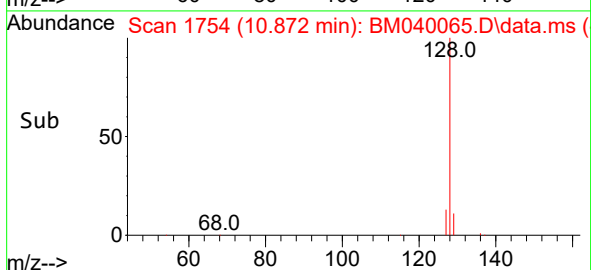
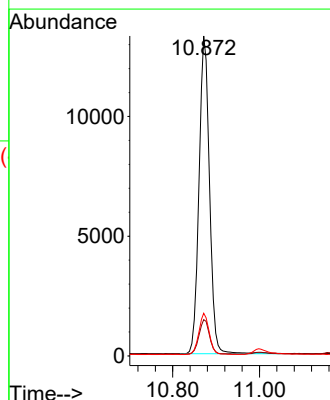
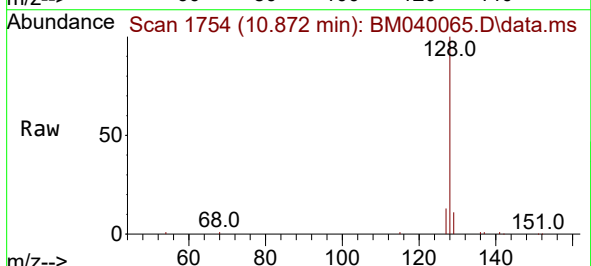
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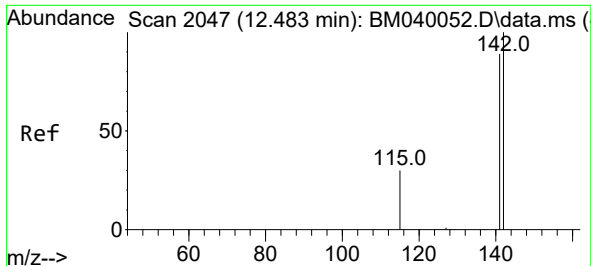
Tgt Ion: 88 Resp: 15982
Ion Ratio Lower Upper
88 100
43 27.1 25.9 38.9
58 66.8 48.5 72.7



#5
Naphthalene
Concen: 0.427 ng/ul
RT: 10.872 min Scan# 1754
Delta R.T. -0.000 min
Lab File: BM040065.D
Acq: 30 May 2023 20:31

Tgt Ion: 128 Resp: 22369
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.4 10.5 15.7

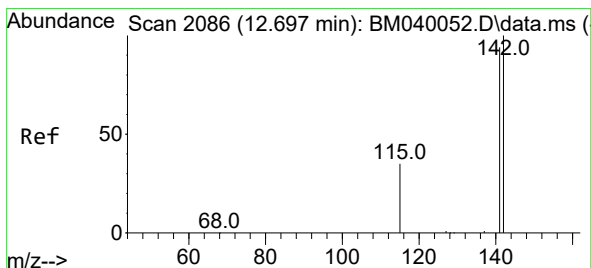
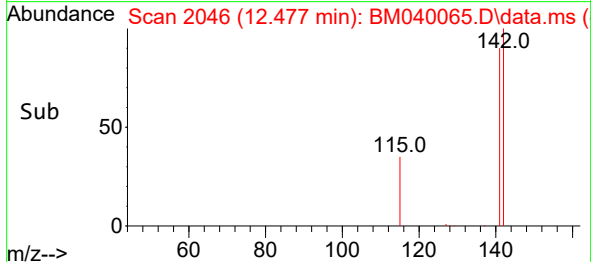
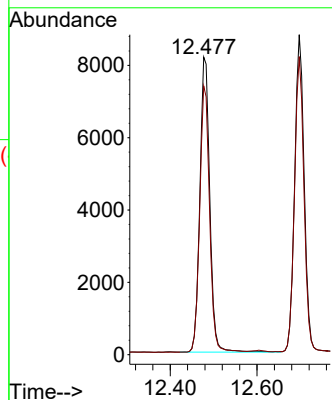
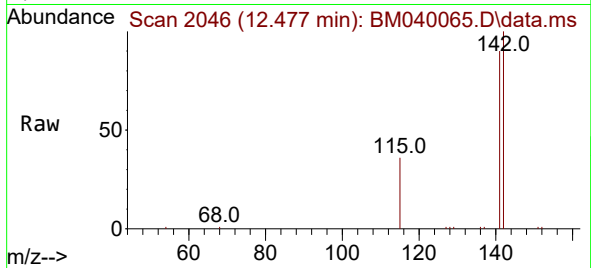




#7
2-Methylnaphthalene
Concen: 0.411 ng/ul
RT: 12.477 min Scan# 2046
Delta R.T. -0.006 min
Lab File: BM040065.D
Acq: 30 May 2023 20:31

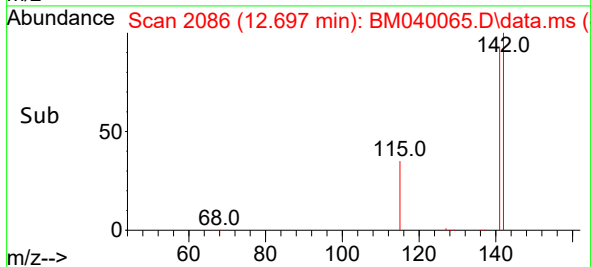
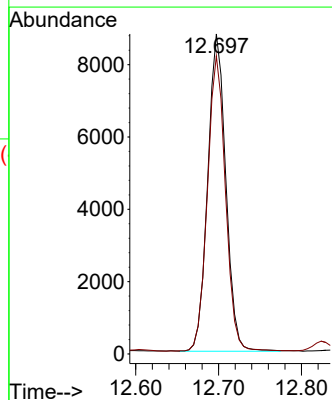
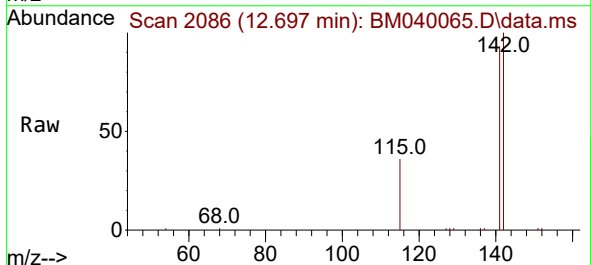
Instrument :
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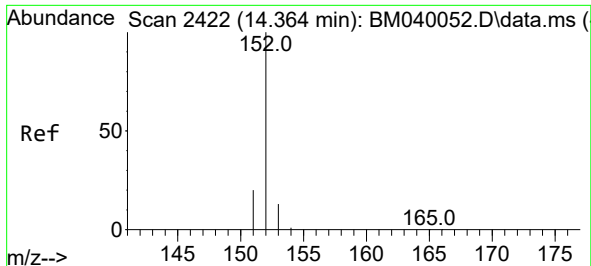
Tgt Ion:142 Resp: 13014
Ion Ratio Lower Upper
142 100
141 89.7 71.3 106.9



#8
1-Methylnaphthalene
Concen: 0.405 ng/ul
RT: 12.697 min Scan# 2086
Delta R.T. -0.000 min
Lab File: BM040065.D
Acq: 30 May 2023 20:31

Tgt Ion:142 Resp: 13321
Ion Ratio Lower Upper
142 100
141 92.7 73.8 110.6

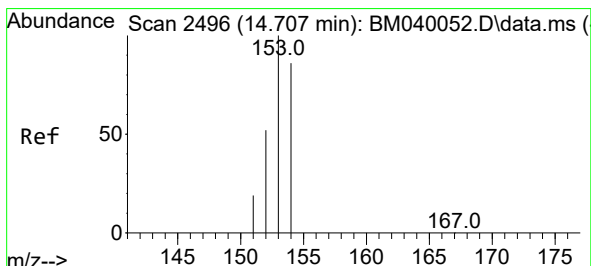
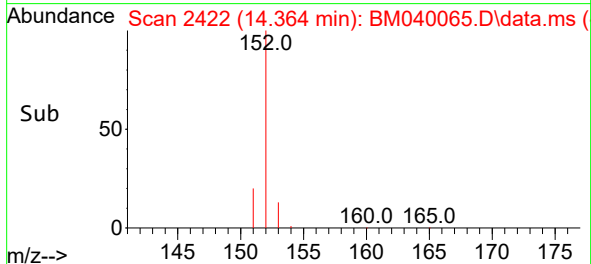
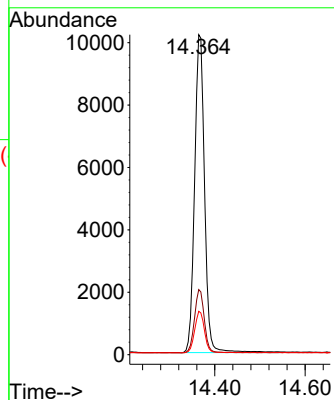
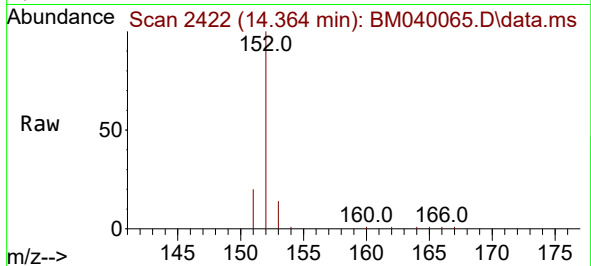




#10
Acenaphthylene
Concen: 0.410 ng/ul
RT: 14.364 min Scan# 2422
Delta R.T. -0.000 min
Lab File: BM040065.D
Acq: 30 May 2023 20:31

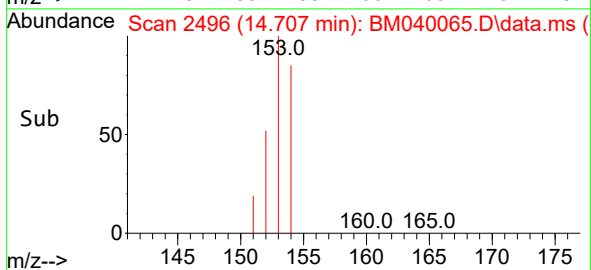
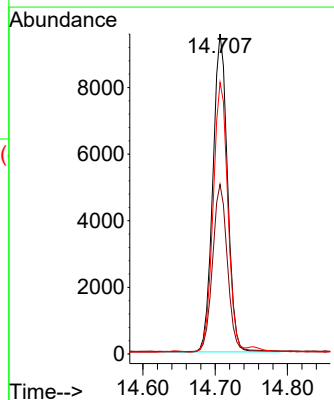
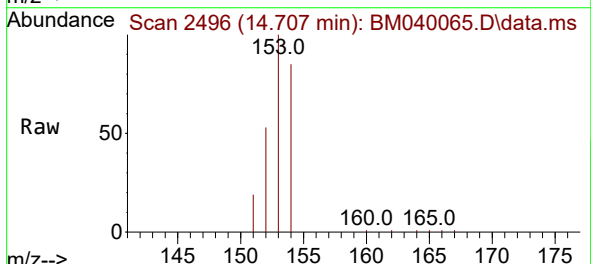
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ClientSampleId :
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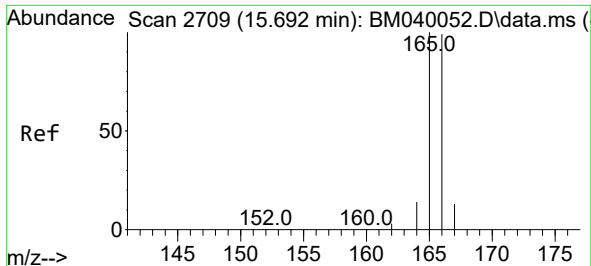
Tgt Ion:152 Resp: 15660
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.4
153 13.6 10.6 16.0



#11
Acenaphthene
Concen: 0.431 ng/ul
RT: 14.707 min Scan# 2496
Delta R.T. -0.000 min
Lab File: BM040065.D
Acq: 30 May 2023 20:31

Tgt Ion:153 Resp: 13406
Ion Ratio Lower Upper
153 100
152 53.0 42.0 63.0
154 84.9 69.4 104.2

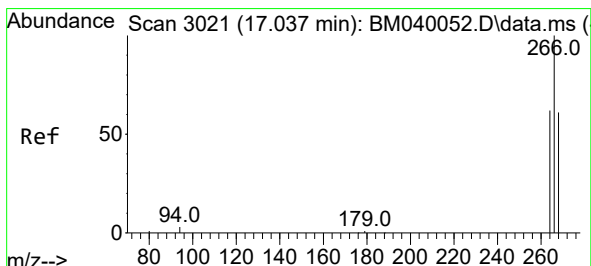
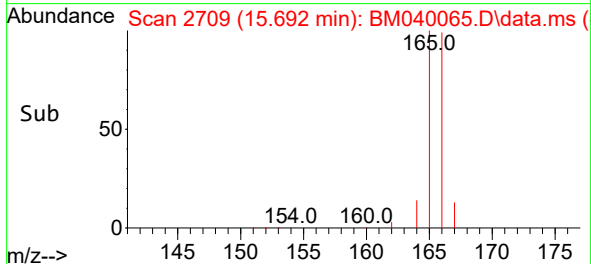
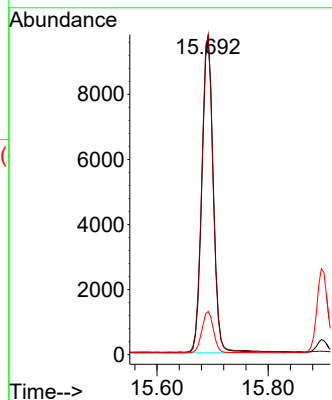
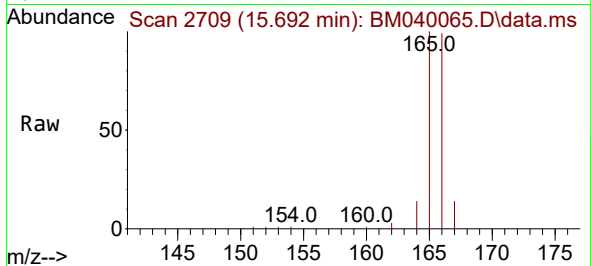




#12
Fluorene
Concen: 0.427 ng/ul
RT: 15.692 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM040065.D
Acq: 30 May 2023 20:31

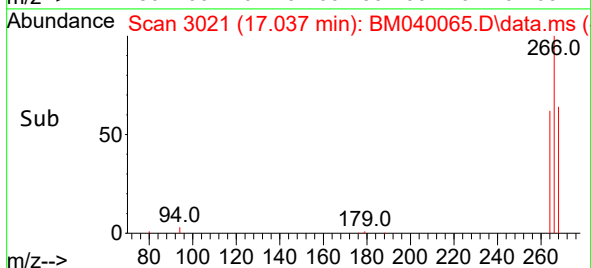
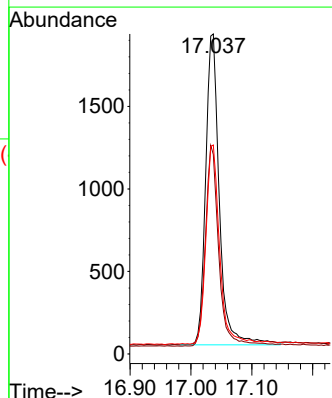
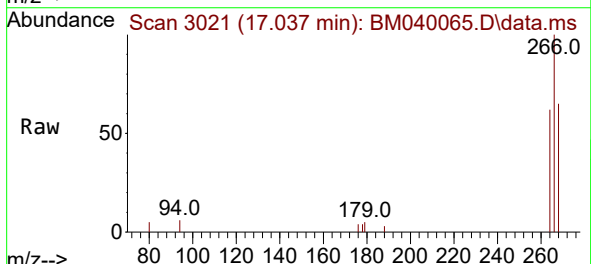
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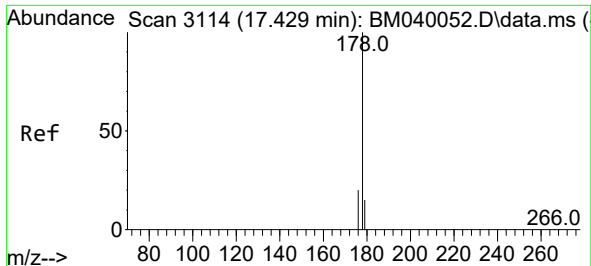
Tgt Ion:166 Resp: 13846
Ion Ratio Lower Upper
166 100
165 101.1 79.3 118.9
167 13.6 10.8 16.2



#14
Pentachlorophenol
Concen: 0.858 ng/ul
RT: 17.037 min Scan# 3021
Delta R.T. -0.000 min
Lab File: BM040065.D
Acq: 30 May 2023 20:31

Tgt Ion:266 Resp: 2957
Ion Ratio Lower Upper
266 100
264 63.0 49.2 73.8
268 64.8 51.9 77.9

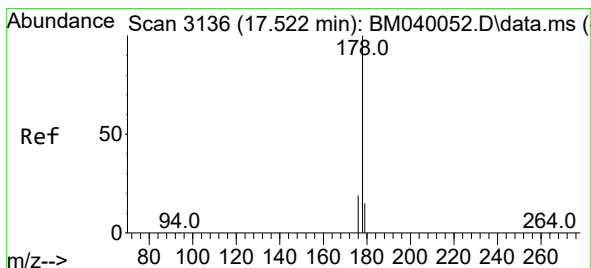
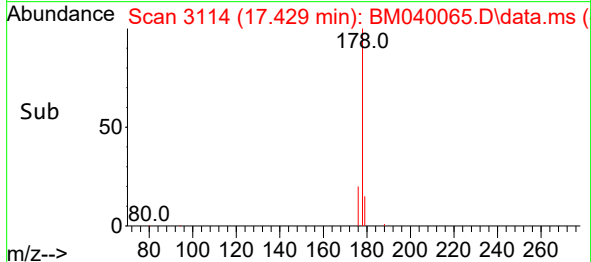
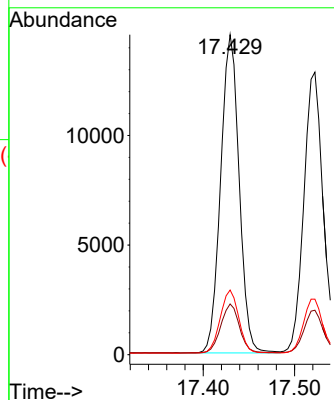
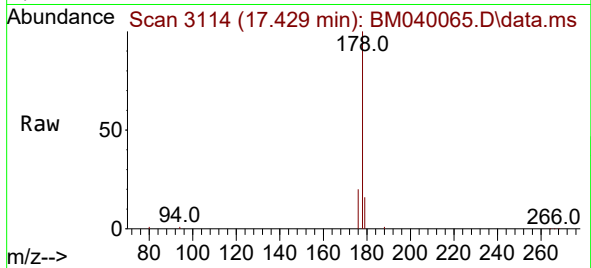




#15
Phenanthrene
Concen: 0.423 ng/ul
RT: 17.429 min Scan# 3114
Delta R.T. -0.000 min
Lab File: BM040065.D
Acq: 30 May 2023 20:31

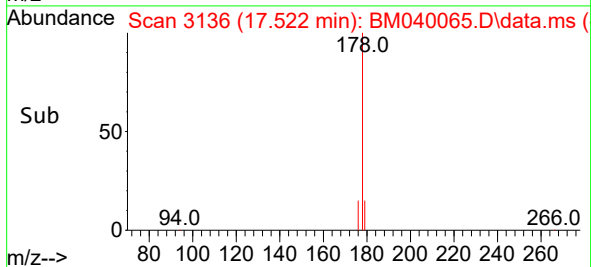
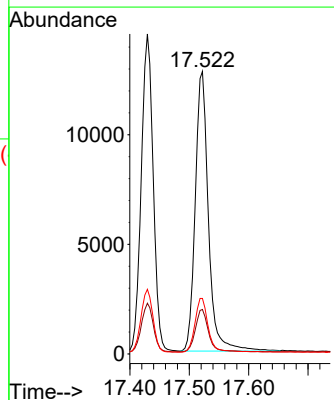
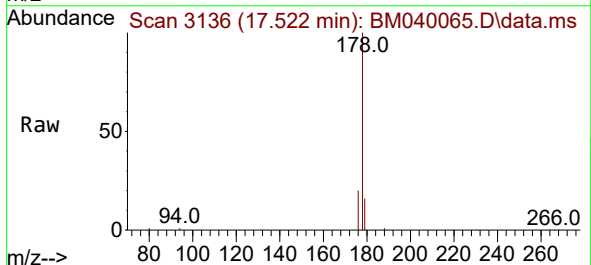
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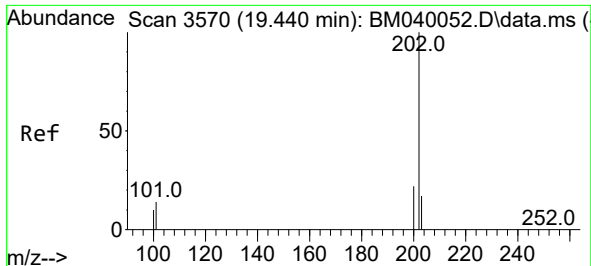
Tgt Ion:178 Resp: 20367
Ion Ratio Lower Upper
178 100
179 15.8 12.4 18.6
176 20.2 16.3 24.5



#16
Anthracene
Concen: 0.487 ng/ul
RT: 17.522 min Scan# 3136
Delta R.T. -0.000 min
Lab File: BM040065.D
Acq: 30 May 2023 20:31

Tgt Ion:178 Resp: 19648
Ion Ratio Lower Upper
178 100
179 15.7 12.6 19.0
176 19.7 15.5 23.3

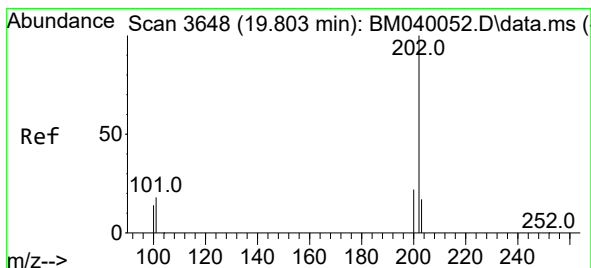
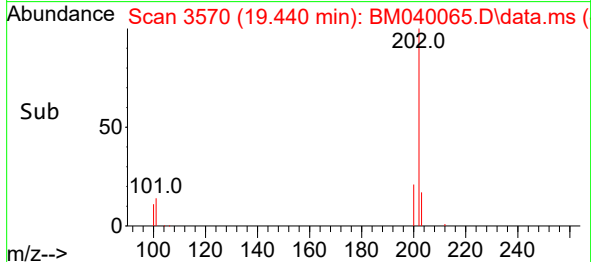
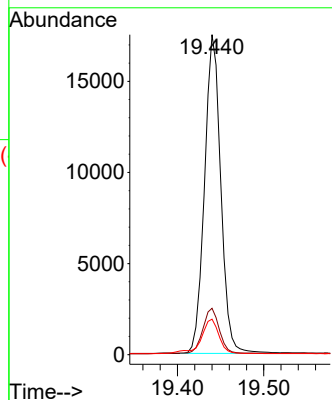
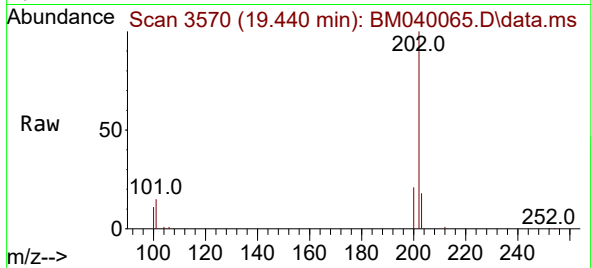




#19
Fluoranthene
Concen: 0.699 ng/ul
RT: 19.440 min Scan# 3570
Delta R.T. -0.000 min
Lab File: BM040065.D
Acq: 30 May 2023 20:31

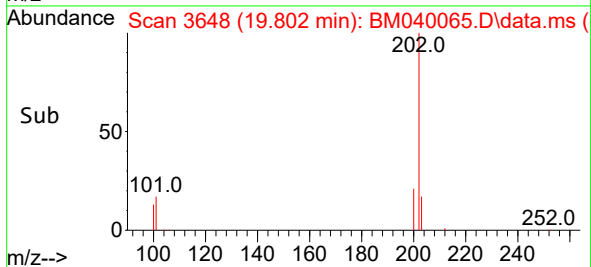
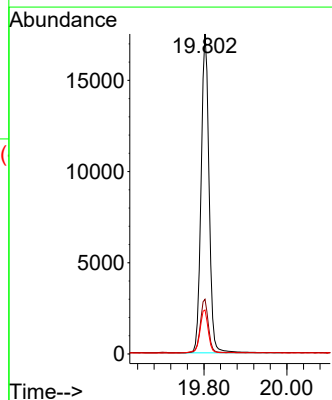
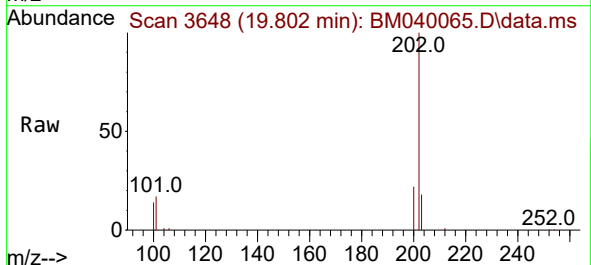
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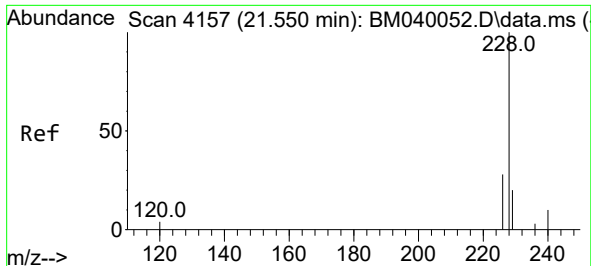
Tgt Ion:202 Resp: 22942
Ion Ratio Lower Upper
202 100
101 14.5 11.5 17.3
100 11.1 8.5 12.7



#20
Pyrene
Concen: 0.702 ng/ul
RT: 19.802 min Scan# 3648
Delta R.T. -0.000 min
Lab File: BM040065.D
Acq: 30 May 2023 20:31

Tgt Ion:202 Resp: 23365
Ion Ratio Lower Upper
202 100
101 17.1 13.3 19.9
100 13.7 10.9 16.3

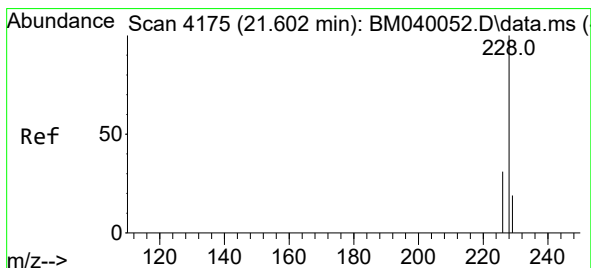
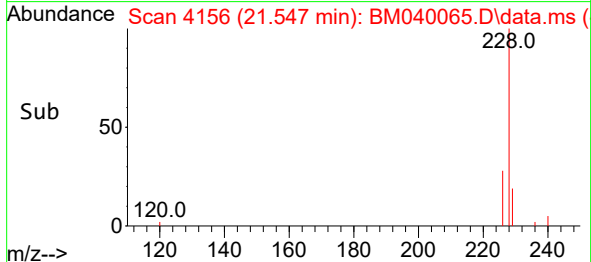
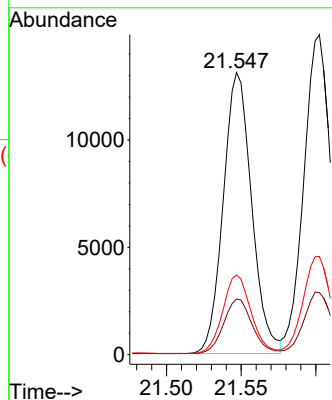
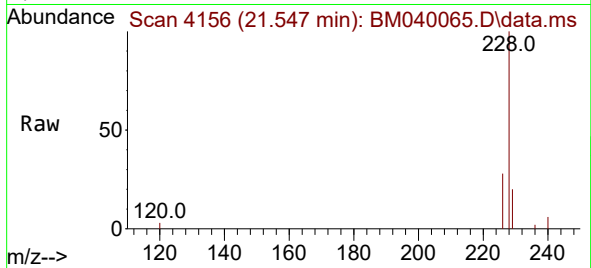




#21
Benzo(a)anthracene
Concen: 0.705 ng/ul
RT: 21.547 min Scan# 4156
Delta R.T. -0.003 min
Lab File: BM040065.D
Acq: 30 May 2023 20:31

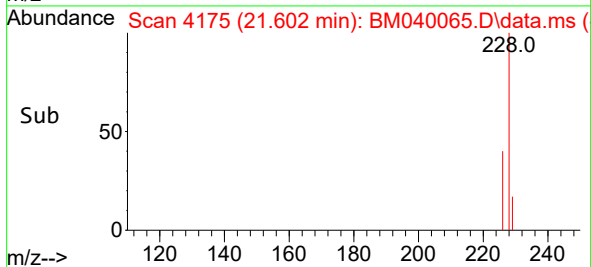
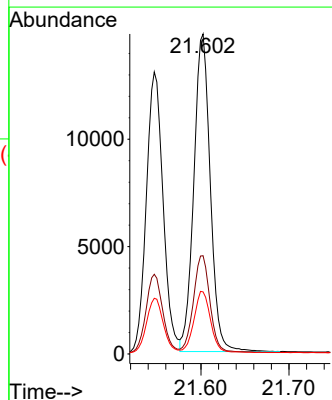
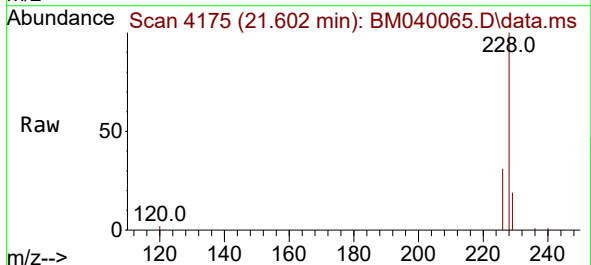
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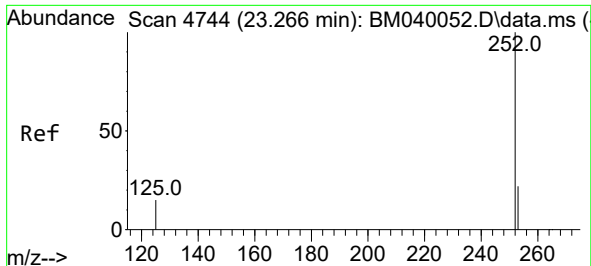
Tgt Ion:228 Resp: 17317
Ion Ratio Lower Upper
228 100
229 19.8 15.6 23.4
226 28.3 22.5 33.7



#22
Chrysene
Concen: 0.739 ng/ul
RT: 21.602 min Scan# 4175
Delta R.T. -0.000 min
Lab File: BM040065.D
Acq: 30 May 2023 20:31

Tgt Ion:228 Resp: 19285
Ion Ratio Lower Upper
228 100
226 30.7 24.6 36.8
229 19.4 15.6 23.4

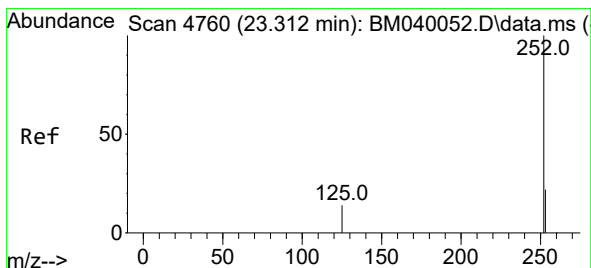
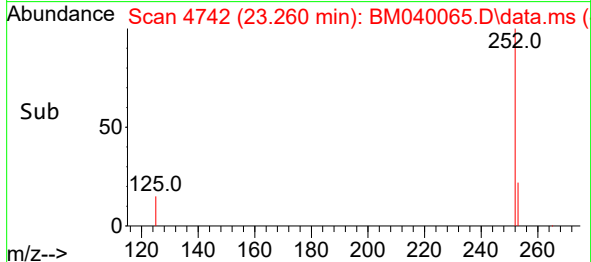
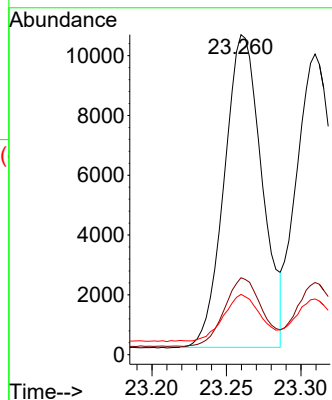
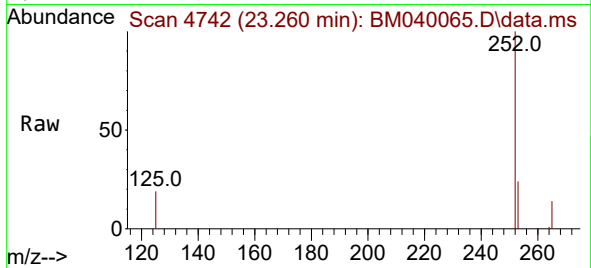




#24
Benzo(b)fluoranthene
Concen: 0.756 ng/ul
RT: 23.260 min Scan# 41
Delta R.T. -0.006 min
Lab File: BM040065.D
Acq: 30 May 2023 20:31

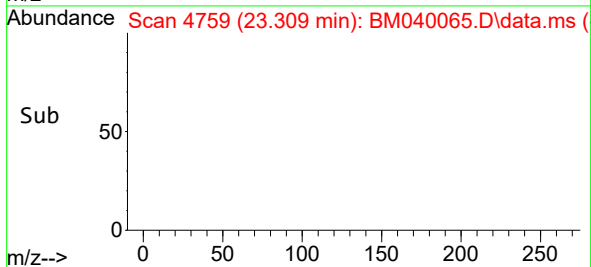
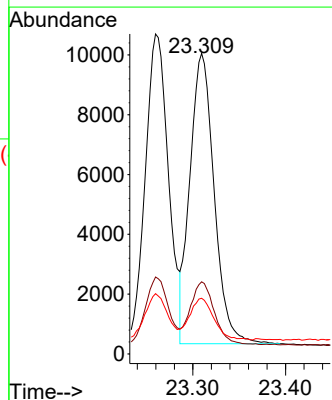
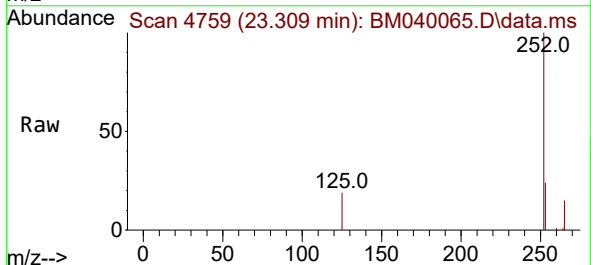
Instrument :
BNA_M
ClientSampleId :
SLCS102

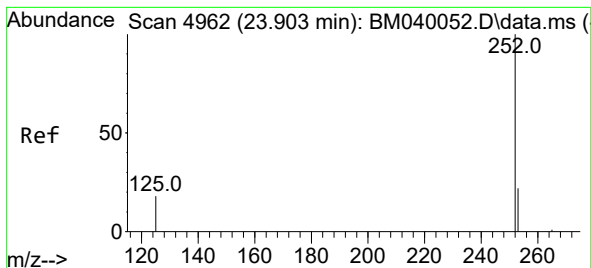
Tgt Ion:252 Resp: 18363
Ion Ratio Lower Upper
252 100
253 24.1 0.0 49.8
125 18.8 0.0 39.2



#25
Benzo(k)fluoranthene
Concen: 0.720 ng/ul
RT: 23.309 min Scan# 4759
Delta R.T. -0.003 min
Lab File: BM040065.D
Acq: 30 May 2023 20:31

Tgt Ion:252 Resp: 17644
Ion Ratio Lower Upper
252 100
253 24.0 19.7 29.5
125 18.5 15.0 22.4





#26

Benzo(a)pyrene

Concen: 0.727 ng/ul

RT: 23.900 min Scan# 4962

Delta R.T. -0.003 min

Lab File: BM040065.D

Acq: 30 May 2023 20:31

Instrument :

BNA_M

ClientSampleId :

SLCS102

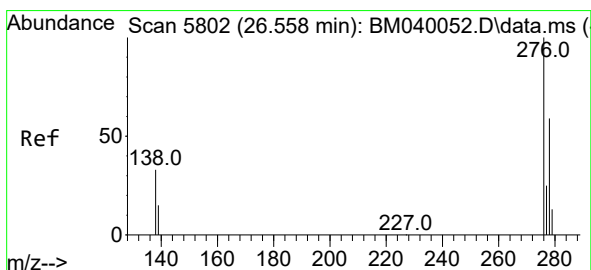
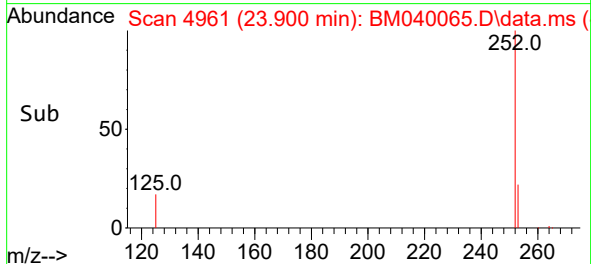
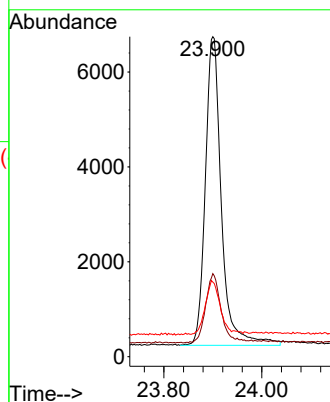
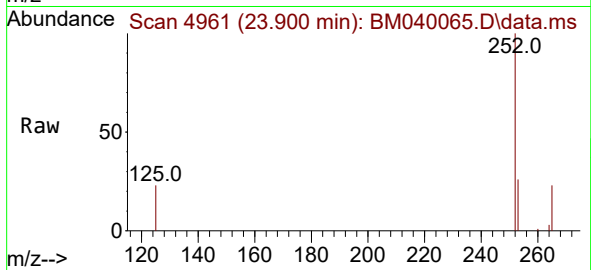
Tgt Ion:252 Resp: 14782

Ion Ratio Lower Upper

252 100

253 25.9 20.6 31.0

125 23.3 19.1 28.7



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.724 ng/ul

RT: 26.551 min Scan# 5800

Delta R.T. -0.007 min

Lab File: BM040065.D

Acq: 30 May 2023 20:31

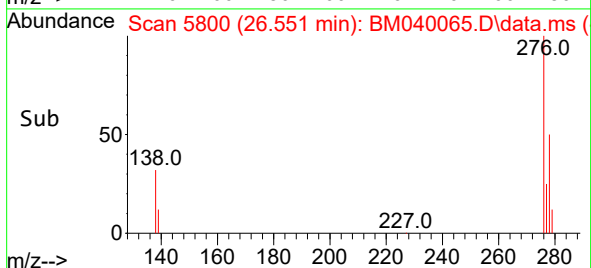
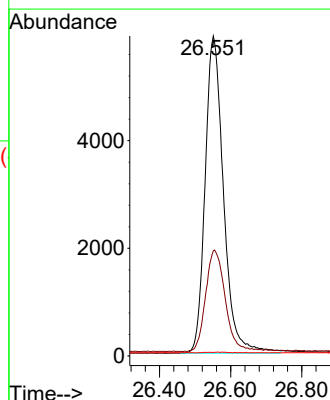
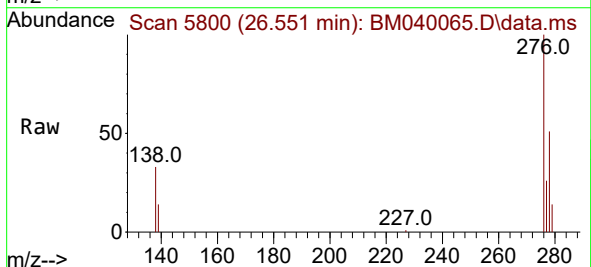
Tgt Ion:276 Resp: 21169

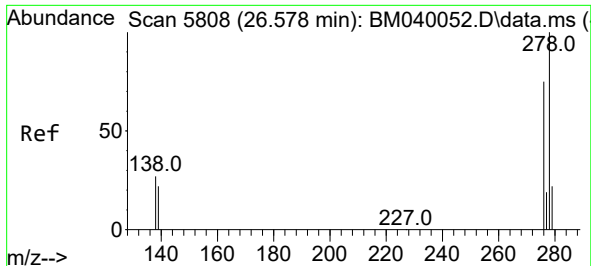
Ion Ratio Lower Upper

276 100

138 34.0 26.9 40.3

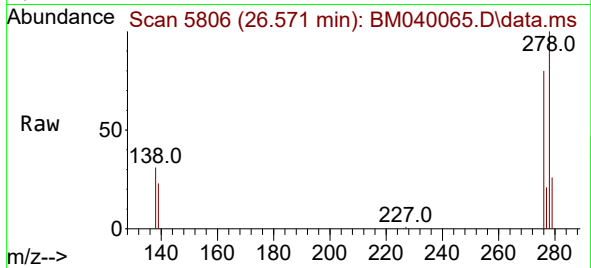
227 0.0 0.1 0.1#



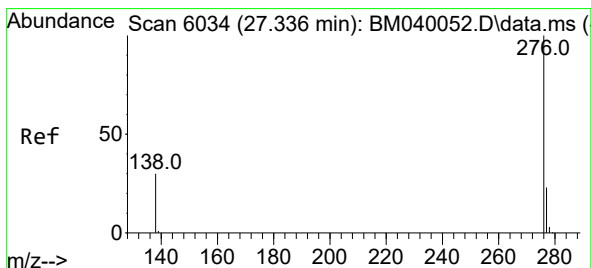
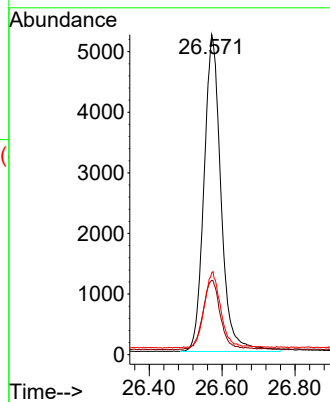
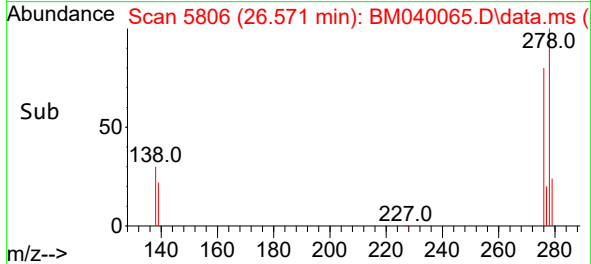


#28
Dibenzo(a,h)anthracene
Concen: 0.716 ng/ul
RT: 26.571 min Scan# 5806
Delta R.T. -0.007 min
Lab File: BM040065.D
Acq: 30 May 2023 20:31

Instrument :
BNA_M
ClientSampleId :
SLCS102



Tgt Ion:278 Resp: 16925
Ion Ratio Lower Upper
278 100
139 23.2 19.0 28.4
279 25.6 20.6 31.0



#29
Benzo(g,h,i)perylene
Concen: 0.740 ng/ul
RT: 27.329 min Scan# 6032
Delta R.T. -0.007 min
Lab File: BM040065.D
Acq: 30 May 2023 20:31

Tgt Ion:276 Resp: 17754
Ion Ratio Lower Upper
276 100
138 31.4 23.9 35.9
277 24.5 19.5 29.3

