

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052523\
 Data File : BM040030.D
 Acq On : 26 May 2023 08:41
 Operator : CG/JU
 Sample : 02861-07MS
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 H0FL1MS

Quant Time: May 26 09:13:23 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 : Thu May 25 15:01:16 2023
 Response via : Initial Calibration

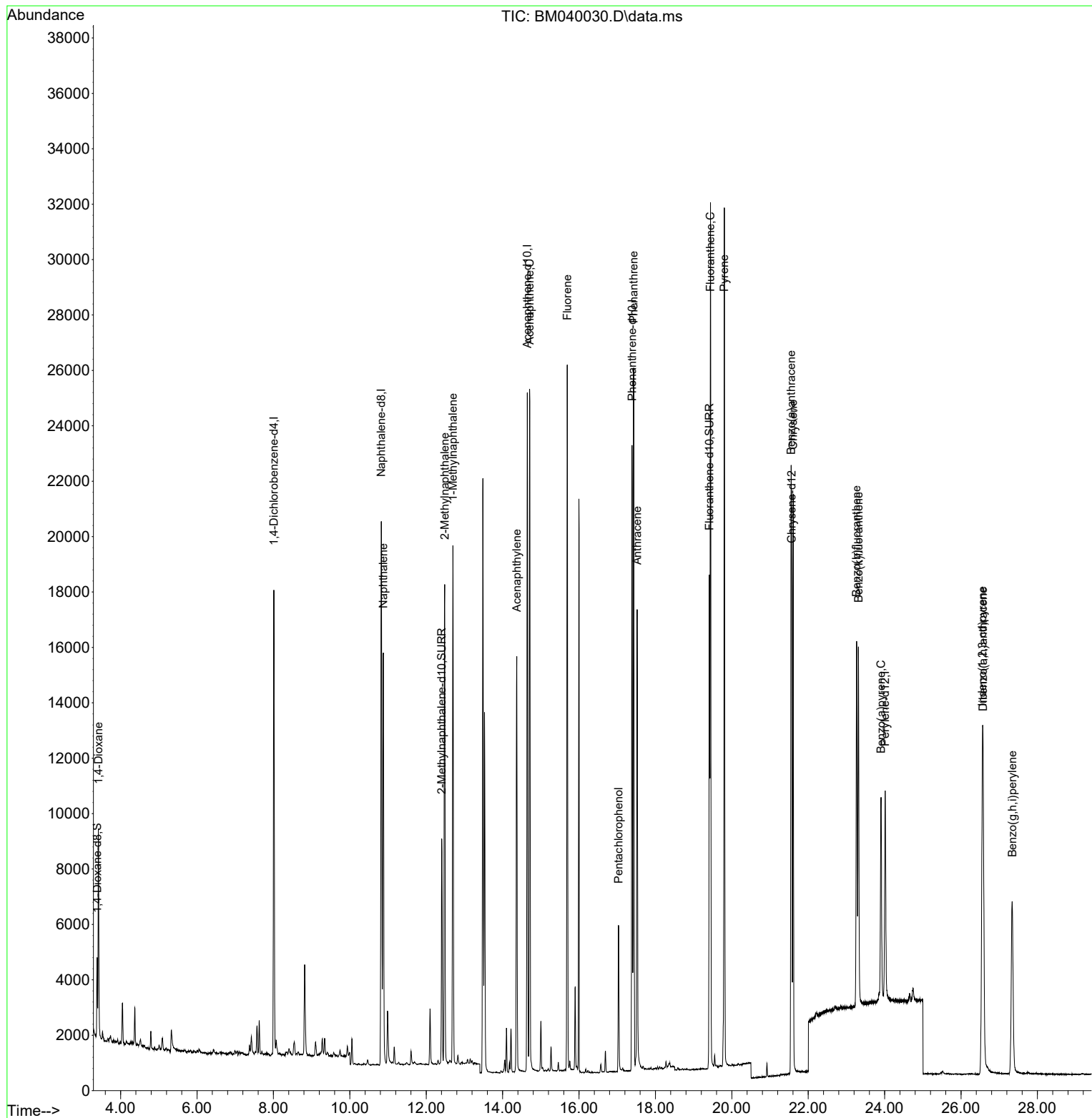
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.012	152	8262	0.400	ng/ul	0.00
4) Naphthalene-d8	10.822	136	26775	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.646	164	12970	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.387	188	24713	0.400	ng/ul	0.00
17) Chrysene-d12	21.567	240	12374	0.400	ng/ul	0.00
23) Perylene-d12	24.014	264	10735	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.384	96	1861	0.193	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.406	152	10161	0.310	ng/ul	0.00
18) Fluoranthene-d10	19.412	212	17425	0.468	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.417	88	5016	0.496	ng/ul	95
5) Naphthalene	10.877	128	20362	0.311	ng/ul	100
7) 2-Methylnaphthalene	12.483	142	12222	0.310	ng/ul	100
8) 1-Methylnaphthalene	12.697	142	12640	0.308	ng/ul	100
10) Acenaphthylene	14.369	152	16800	0.325	ng/ul	100
11) Acenaphthene	14.707	153	13934	0.331	ng/ul	99
12) Fluorene	15.692	166	15487	0.353	ng/ul	99
14) Pentachlorophenol	17.037	266	3501	0.699	ng/ul	100
15) Phenanthrene	17.429	178	25780	0.368	ng/ul	100
16) Anthracene	17.522	178	18305	0.312	ng/ul	99
19) Fluoranthene	19.440	202	24996	0.449	ng/ul	99
20) Pyrene	19.802	202	24127	0.428	ng/ul	99
21) Benzo(a)anthracene	21.550	228	16686	0.401	ng/ul	100
22) Chrysene	21.605	228	18060	0.408	ng/ul	99
24) Benzo(b)fluoranthene	23.265	252	17201	0.404	ng/ul	98
25) Benzo(k)fluoranthene	23.315	252	16382	0.381	ng/ul	99
26) Benzo(a)pyrene	23.903	252	11684	0.328	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.558	276	17279	0.337	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.578	278	14089	0.340	ng/ul	99
29) Benzo(g,h,i)perylene	27.339	276	14242	0.339	ng/ul	99

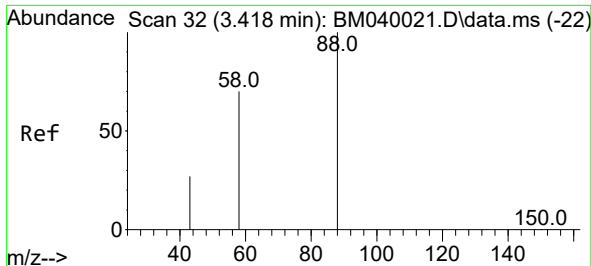
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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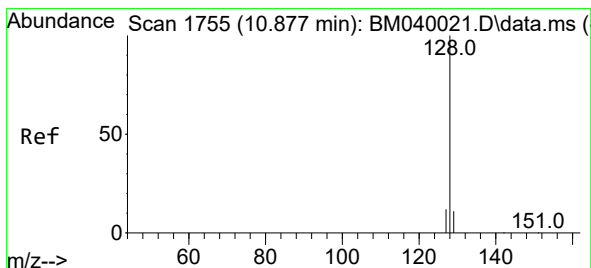
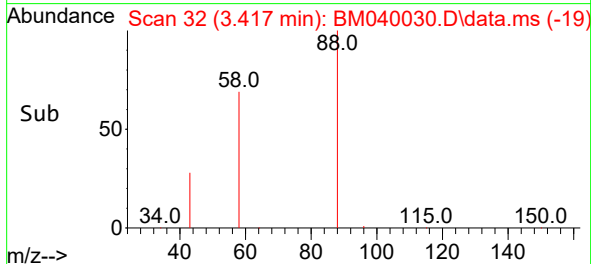
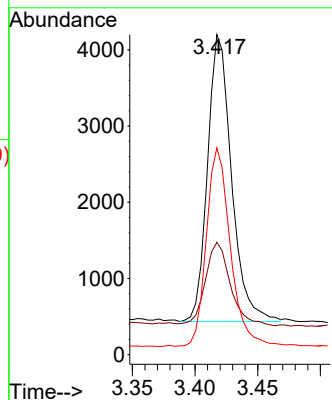
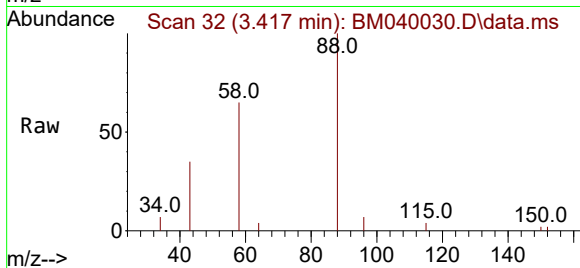




#2
1,4-Dioxane
Concen: 0.496 ng/ul
RT: 3.417 min Scan# 31
Delta R.T. -0.004 min
Lab File: BM040030.D
Acq: 26 May 2023 08:41

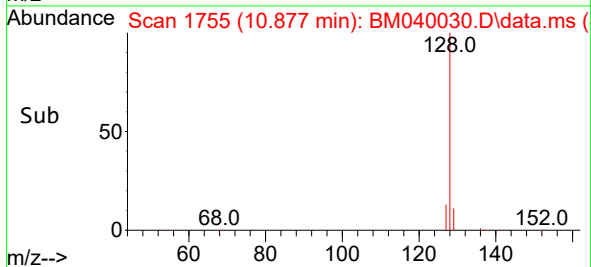
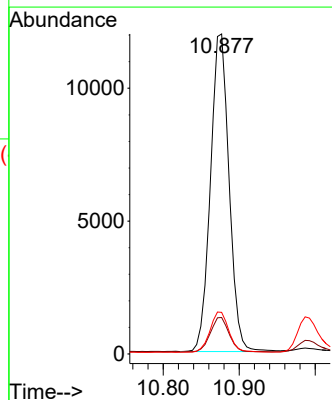
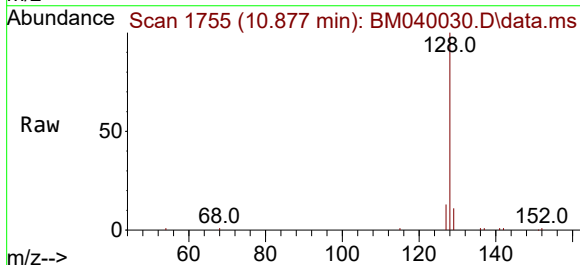
Instrument :
BNA_M
ClientSampleId :
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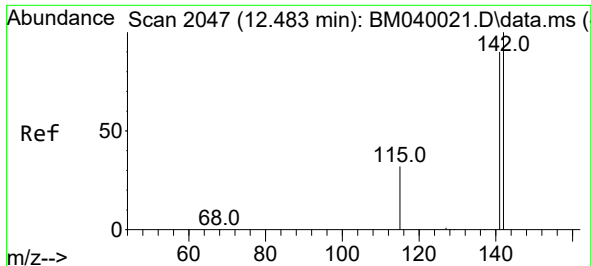
Tgt Ion: 88 Resp: 5016
Ion Ratio Lower Upper
88 100
43 35.1 25.9 38.9
58 64.7 48.5 72.7



#5
Naphthalene
Concen: 0.311 ng/ul
RT: 10.877 min Scan# 1755
Delta R.T. -0.000 min
Lab File: BM040030.D
Acq: 26 May 2023 08:41

Tgt Ion: 128 Resp: 20362
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.6
127 13.0 10.5 15.7

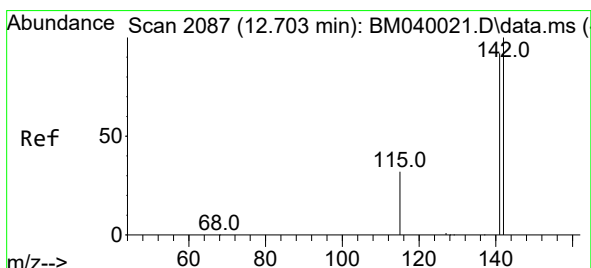
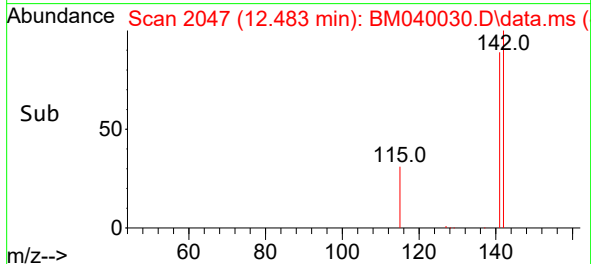
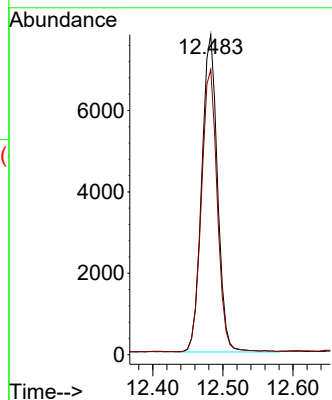
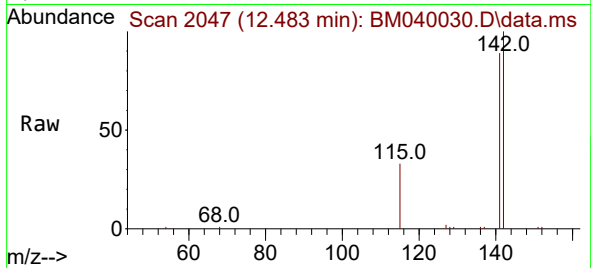




#7
2-Methylnaphthalene
Concen: 0.310 ng/ul
RT: 12.483 min Scan# 2047
Delta R.T. -0.000 min
Lab File: BM040030.D
Acq: 26 May 2023 08:41

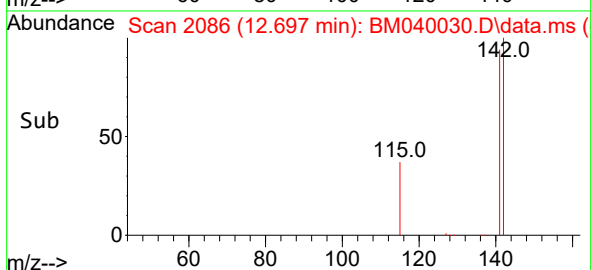
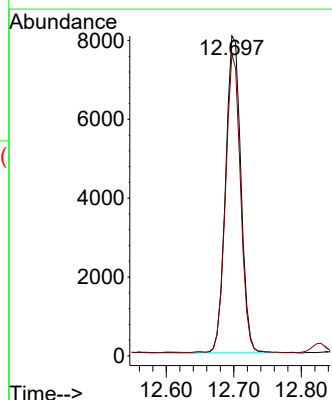
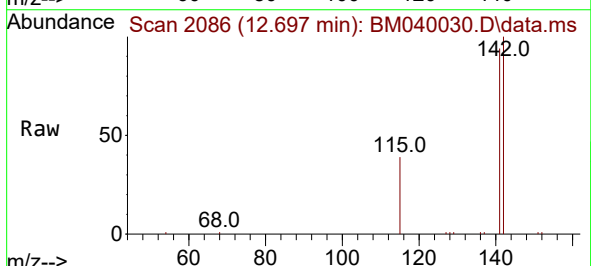
Instrument :
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ClientSampleId :
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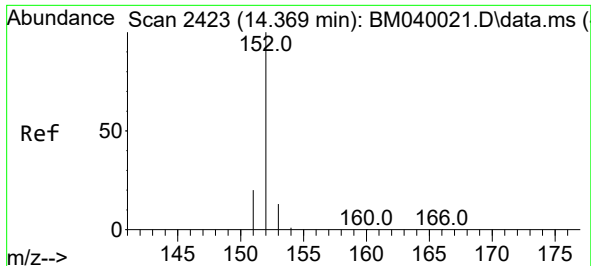
Tgt Ion:142 Resp: 12222
Ion Ratio Lower Upper
142 100
141 89.3 71.3 106.9



#8
1-Methylnaphthalene
Concen: 0.308 ng/ul
RT: 12.697 min Scan# 2086
Delta R.T. -0.006 min
Lab File: BM040030.D
Acq: 26 May 2023 08:41

Tgt Ion:142 Resp: 12640
Ion Ratio Lower Upper
142 100
141 92.2 73.8 110.6

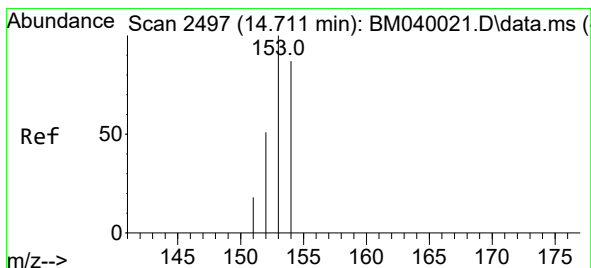
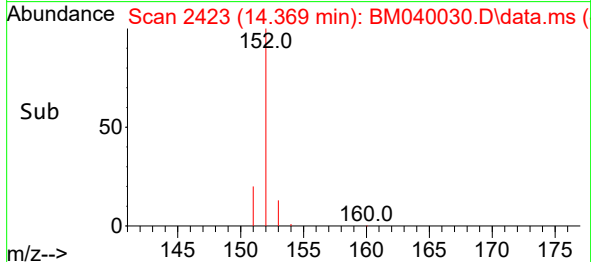
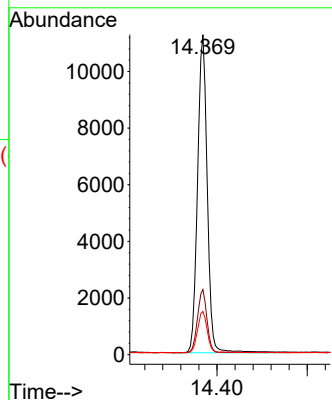
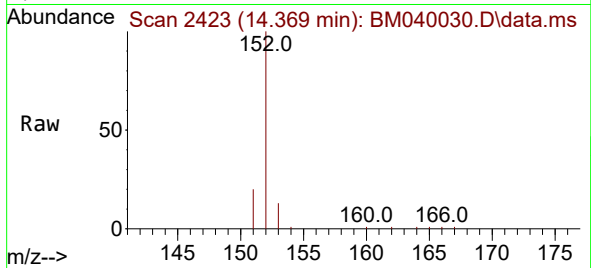




#10
Acenaphthylene
Concen: 0.325 ng/ul
RT: 14.369 min Scan# 2423
Delta R.T. -0.000 min
Lab File: BM040030.D
Acq: 26 May 2023 08:41

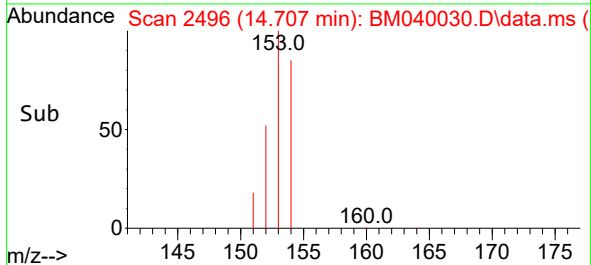
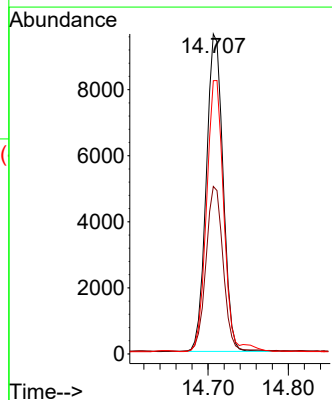
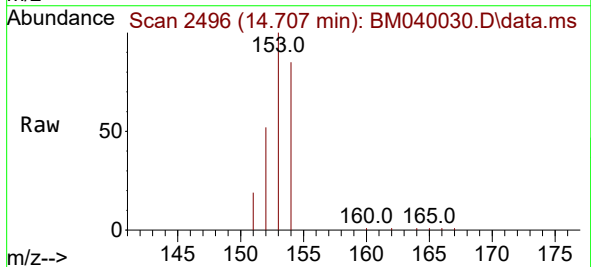
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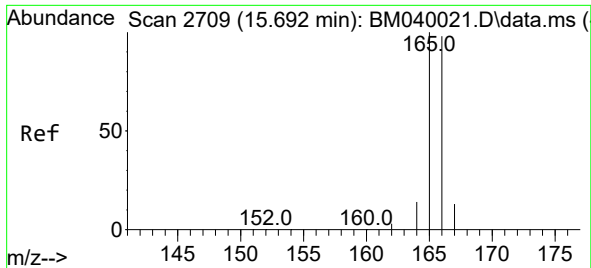
Tgt Ion:152 Resp: 16800
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4
153 13.5 10.6 16.0



#11
Acenaphthene
Concen: 0.331 ng/ul
RT: 14.707 min Scan# 2496
Delta R.T. -0.005 min
Lab File: BM040030.D
Acq: 26 May 2023 08:41

Tgt Ion:153 Resp: 13934
Ion Ratio Lower Upper
153 100
152 52.3 42.0 63.0
154 85.4 69.4 104.2

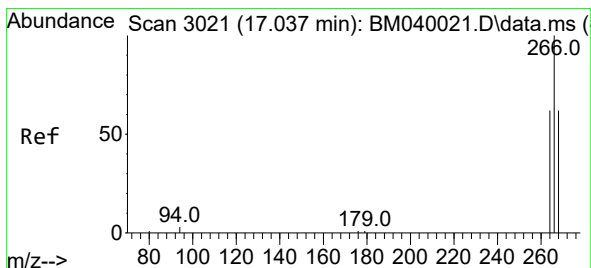
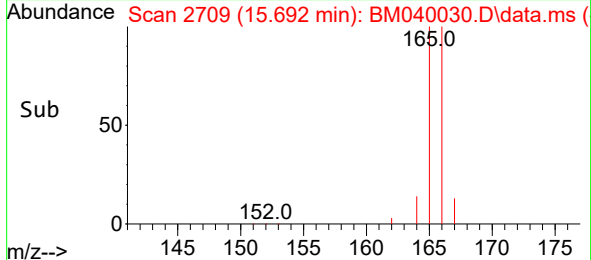
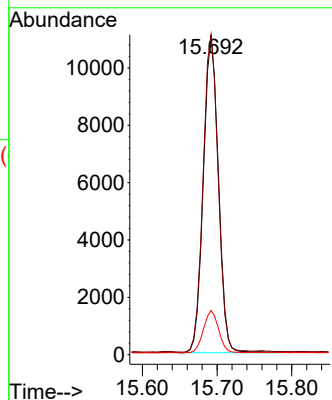
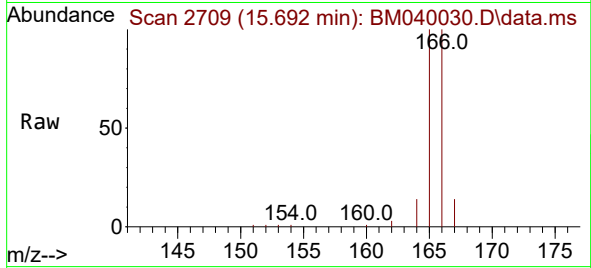




#12
 Fluorene
 Concen: 0.353 ng/ul
 RT: 15.692 min Scan# 2709
 Delta R.T. -0.005 min
 Lab File: BM040030.D
 Acq: 26 May 2023 08:41

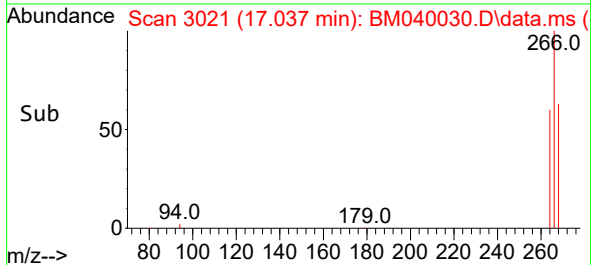
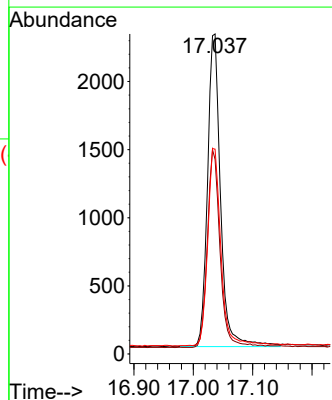
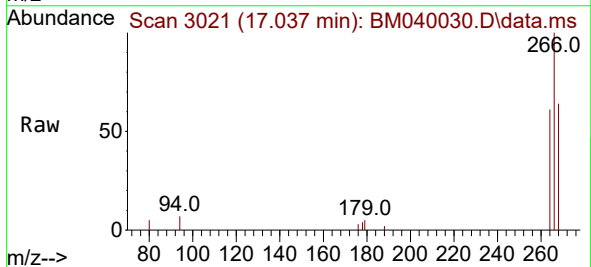
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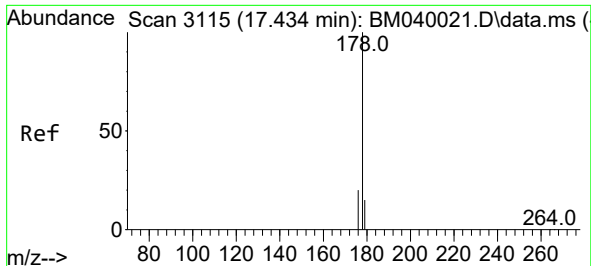
Tgt Ion:166 Resp: 15487
 Ion Ratio Lower Upper
 166 100
 165 100.1 79.3 118.9
 167 13.8 10.8 16.2



#14
 Pentachlorophenol
 Concen: 0.699 ng/ul
 RT: 17.037 min Scan# 3021
 Delta R.T. -0.004 min
 Lab File: BM040030.D
 Acq: 26 May 2023 08:41

Tgt Ion:266 Resp: 3501
 Ion Ratio Lower Upper
 266 100
 264 62.1 49.2 73.8
 268 64.8 51.9 77.9

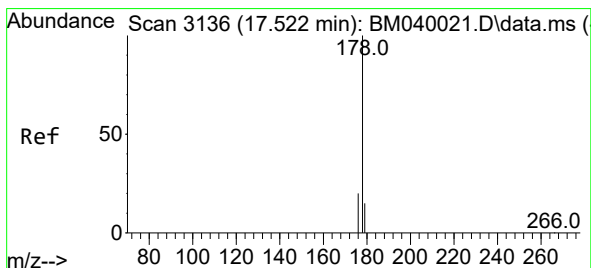
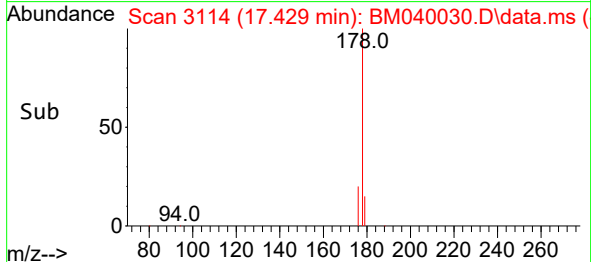
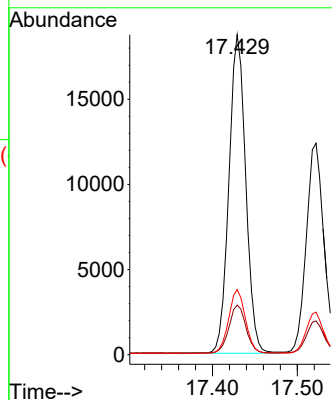
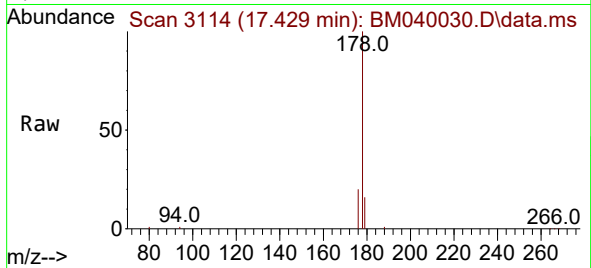




#15
Phenanthrene
Concen: 0.368 ng/ul
RT: 17.429 min Scan# 3114
Delta R.T. -0.004 min
Lab File: BM040030.D
Acq: 26 May 2023 08:41

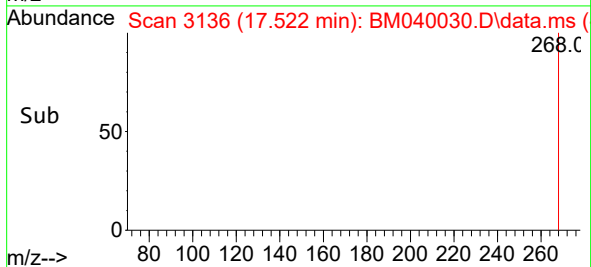
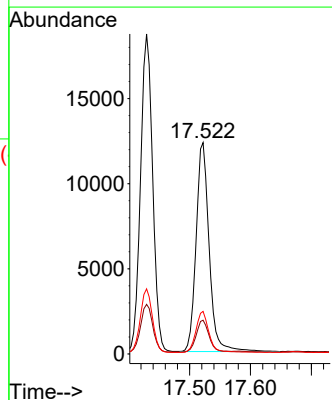
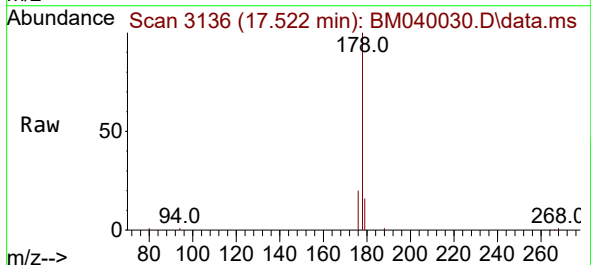
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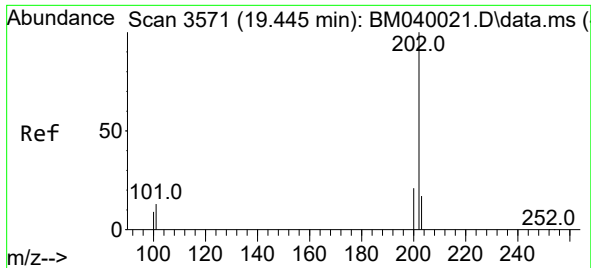
Tgt Ion:178 Resp: 25780
Ion Ratio Lower Upper
178 100
179 15.5 12.4 18.6
176 20.4 16.3 24.5



#16
Anthracene
Concen: 0.312 ng/ul
RT: 17.522 min Scan# 3136
Delta R.T. -0.004 min
Lab File: BM040030.D
Acq: 26 May 2023 08:41

Tgt Ion:178 Resp: 18305
Ion Ratio Lower Upper
178 100
179 16.0 12.6 19.0
176 20.1 15.5 23.3

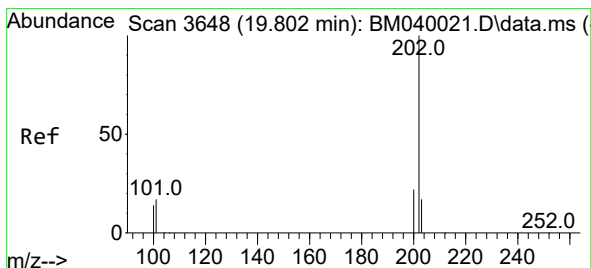
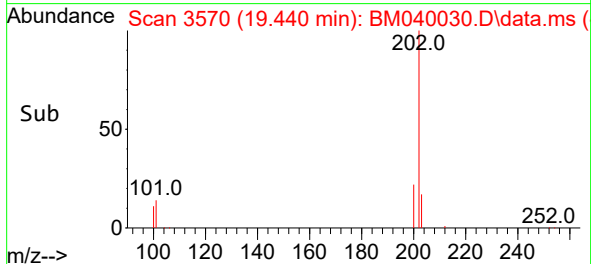
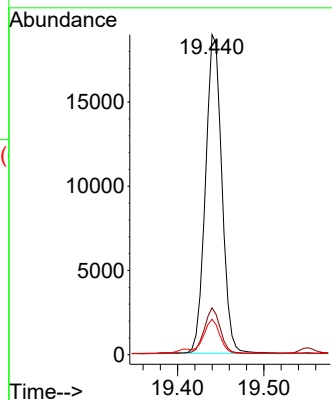
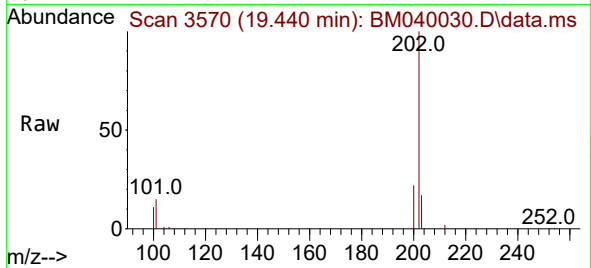




#19
Fluoranthene
Concen: 0.449 ng/ul
RT: 19.440 min Scan# 3571
Delta R.T. -0.005 min
Lab File: BM040030.D
Acq: 26 May 2023 08:41

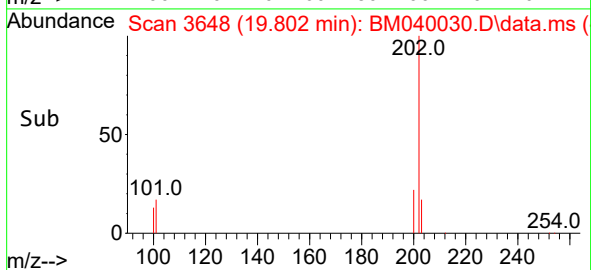
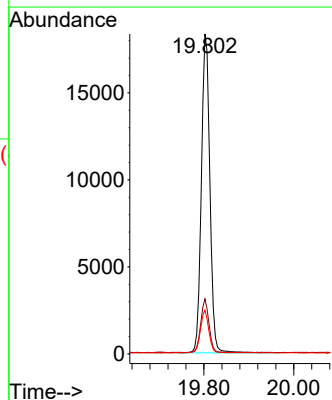
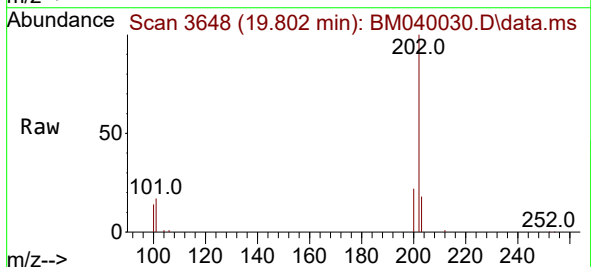
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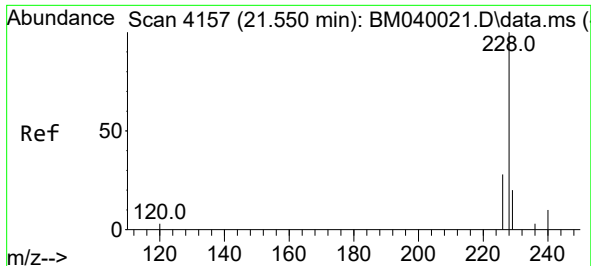
Tgt Ion:202 Resp: 24996
Ion Ratio Lower Upper
202 100
101 14.6 11.5 17.3
100 11.0 8.5 12.7



#20
Pyrene
Concen: 0.428 ng/ul
RT: 19.802 min Scan# 3648
Delta R.T. -0.005 min
Lab File: BM040030.D
Acq: 26 May 2023 08:41

Tgt Ion:202 Resp: 24127
Ion Ratio Lower Upper
202 100
101 17.2 13.3 19.9
100 13.6 10.9 16.3

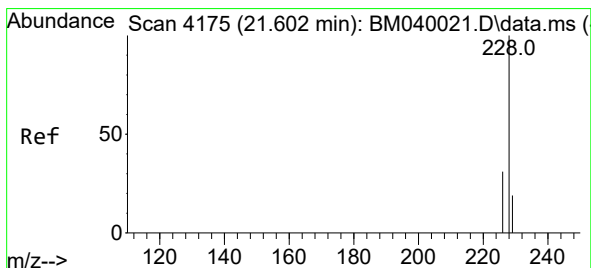
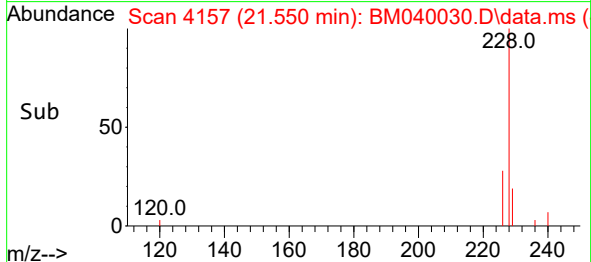
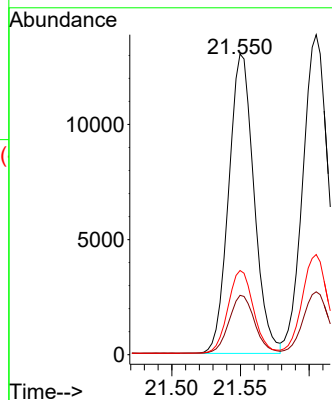
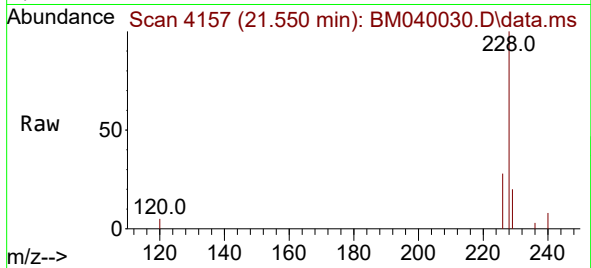




#21
Benzo(a)anthracene
Concen: 0.401 ng/ul
RT: 21.550 min Scan# 4157
Delta R.T. -0.006 min
Lab File: BM040030.D
Acq: 26 May 2023 08:41

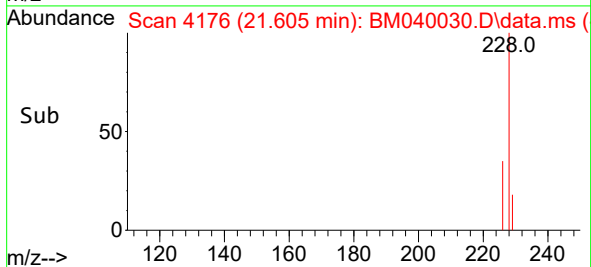
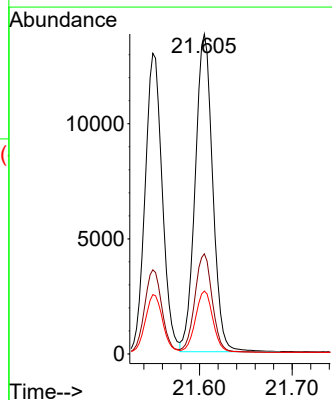
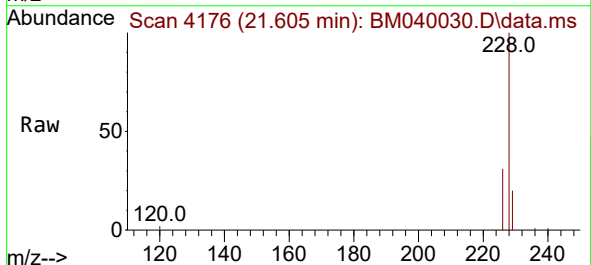
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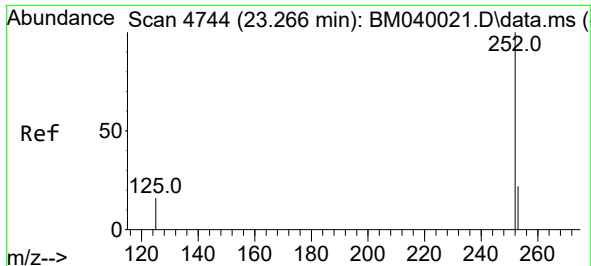
Tgt Ion:228 Resp: 16686
Ion Ratio Lower Upper
228 100
229 19.8 15.6 23.4
226 28.0 22.5 33.7



#22
Chrysene
Concen: 0.408 ng/ul
RT: 21.605 min Scan# 4176
Delta R.T. -0.006 min
Lab File: BM040030.D
Acq: 26 May 2023 08:41

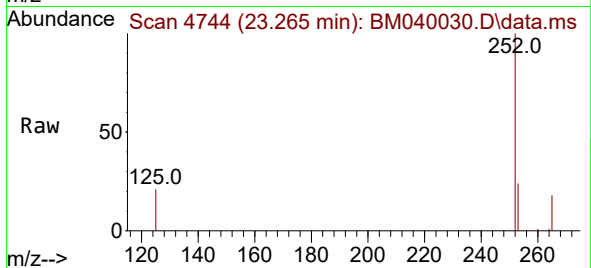
Tgt Ion:228 Resp: 18060
Ion Ratio Lower Upper
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226 31.3 24.6 36.8
229 19.6 15.6 23.4



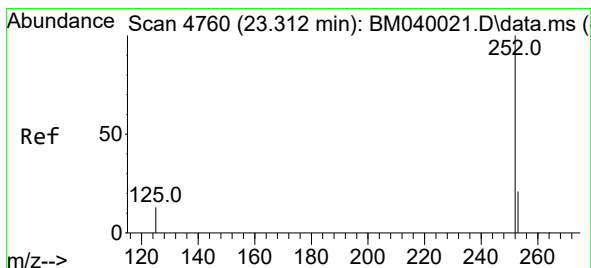
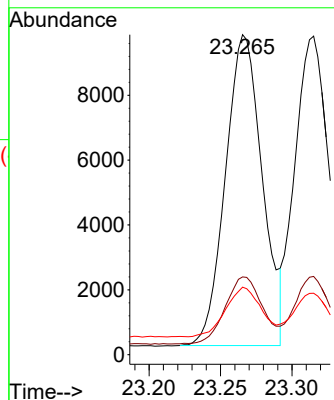


#24
Benzo(b)fluoranthene
Concen: 0.404 ng/ul
RT: 23.265 min Scan# 4744
Delta R.T. -0.009 min
Lab File: BM040030.D
Acq: 26 May 2023 08:41

Instrument :
BNA_M
ClientSampleId :
H0FL1MS

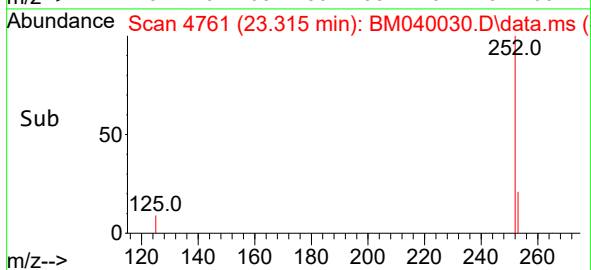
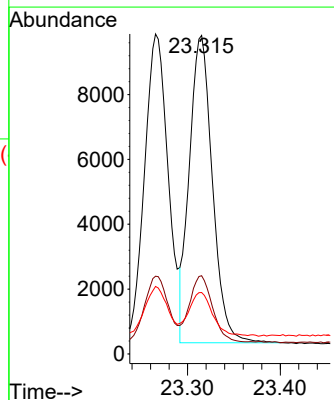
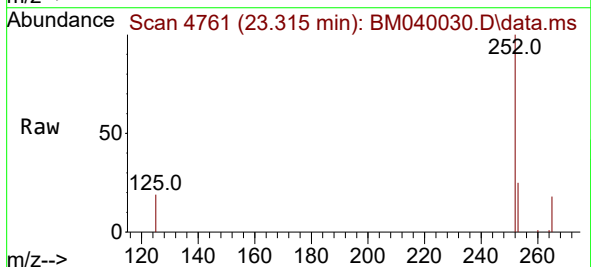


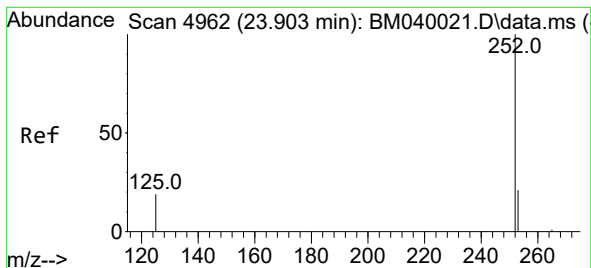
Tgt Ion:252 Resp: 17201
Ion Ratio Lower Upper
252 100
253 24.3 0.0 49.8
125 21.1 0.0 39.2



#25
Benzo(k)fluoranthene
Concen: 0.381 ng/ul
RT: 23.315 min Scan# 4761
Delta R.T. -0.009 min
Lab File: BM040030.D
Acq: 26 May 2023 08:41

Tgt Ion:252 Resp: 16382
Ion Ratio Lower Upper
252 100
253 24.6 19.7 29.5
125 19.3 15.0 22.4





#26

Benzo(a)pyrene

Concen: 0.328 ng/ul

RT: 23.903 min Scan# 4962

Delta R.T. -0.012 min

Lab File: BM040030.D

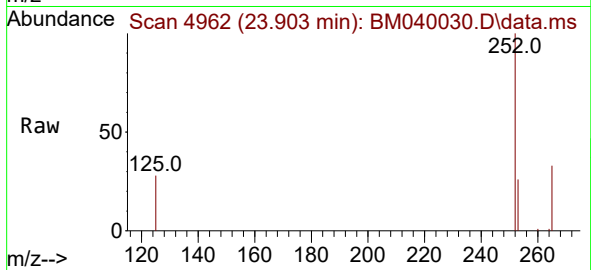
Acq: 26 May 2023 08:41

Instrument :

BNA_M

ClientSampleId :

H0FL1MS



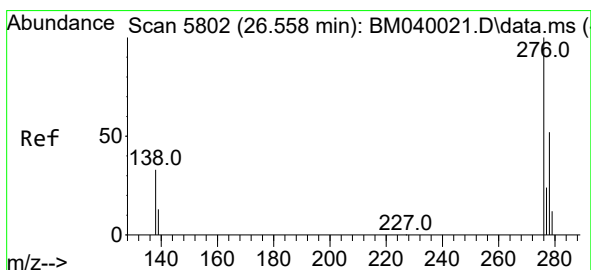
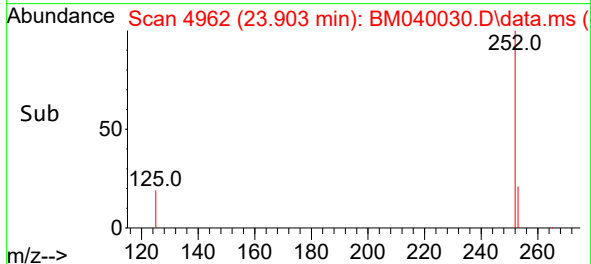
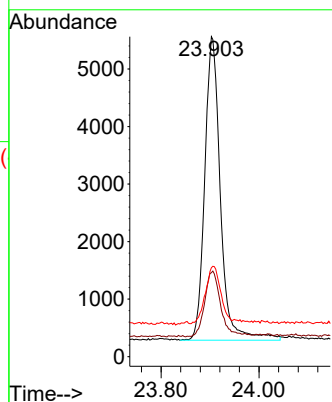
Tgt Ion:252 Resp: 11684

Ion Ratio Lower Upper

252 100

253 26.2 20.6 31.0

125 27.8 19.1 28.7



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.337 ng/ul

RT: 26.558 min Scan# 5802

Delta R.T. -0.014 min

Lab File: BM040030.D

Acq: 26 May 2023 08:41

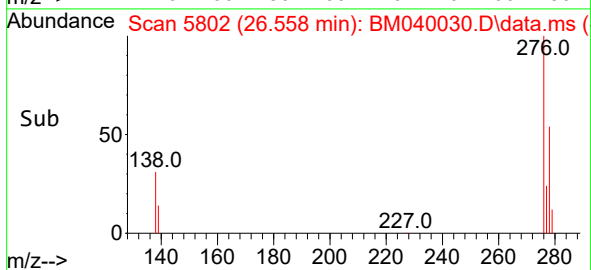
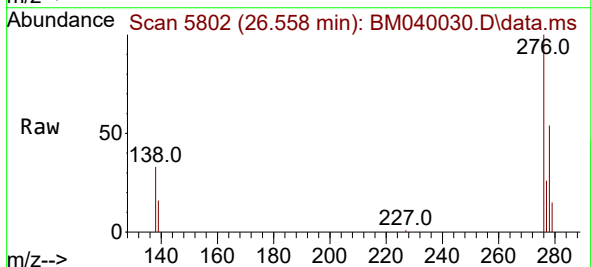
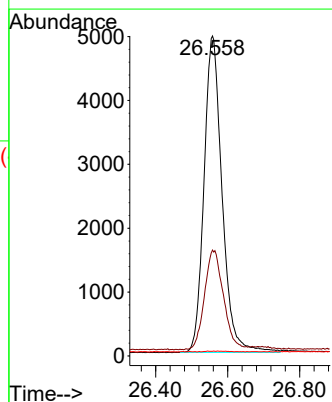
Tgt Ion:276 Resp: 17279

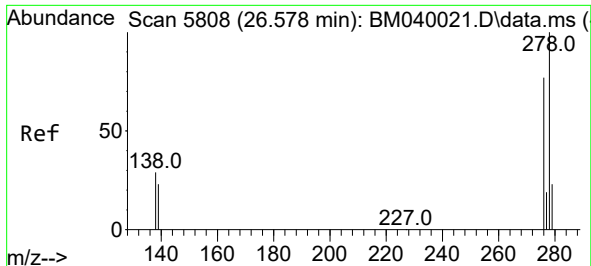
Ion Ratio Lower Upper

276 100

138 34.2 26.9 40.3

227 0.0 0.1 0.1#

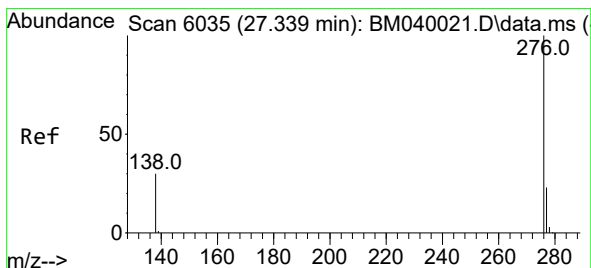
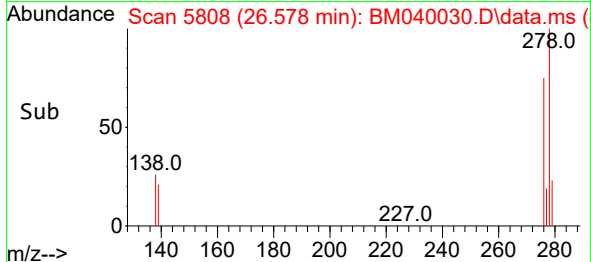
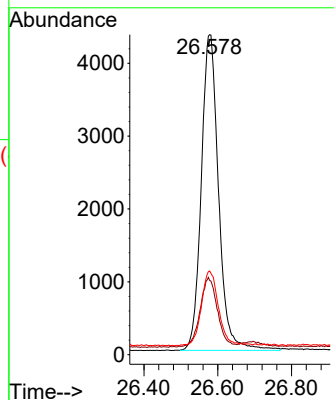
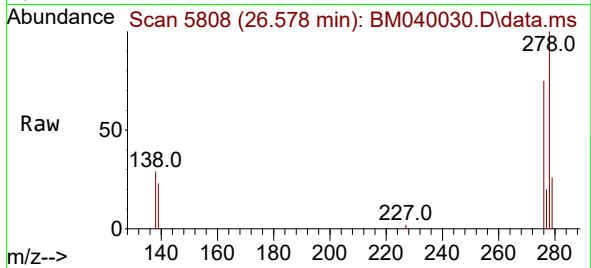




#28
Dibenzo(a,h)anthracene
Concen: 0.340 ng/ul
RT: 26.578 min Scan# 5808
Delta R.T. -0.017 min
Lab File: BM040030.D
Acq: 26 May 2023 08:41

Instrument :
BNA_M
ClientSampleId :
H0FL1MS

Tgt Ion:278 Resp: 14089
Ion Ratio Lower Upper
278 100
139 23.2 19.0 28.4
279 26.1 20.6 31.0



#29
Benzo(g,h,i)perylene
Concen: 0.339 ng/ul
RT: 27.339 min Scan# 6035
Delta R.T. -0.017 min
Lab File: BM040030.D
Acq: 26 May 2023 08:41

Tgt Ion:276 Resp: 14242
Ion Ratio Lower Upper
276 100
138 30.4 23.9 35.9
277 24.6 19.5 29.3

