

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071423\
 Data File : BM040892.D
 Acq On : 14 Jul 2023 23:19
 Operator : MA/JU
 Sample : 03437-11MS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A46K7MS

Quant Time: Jul 15 04:00:35 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 15 03:58:02 2023
 Response via : Initial Calibration

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

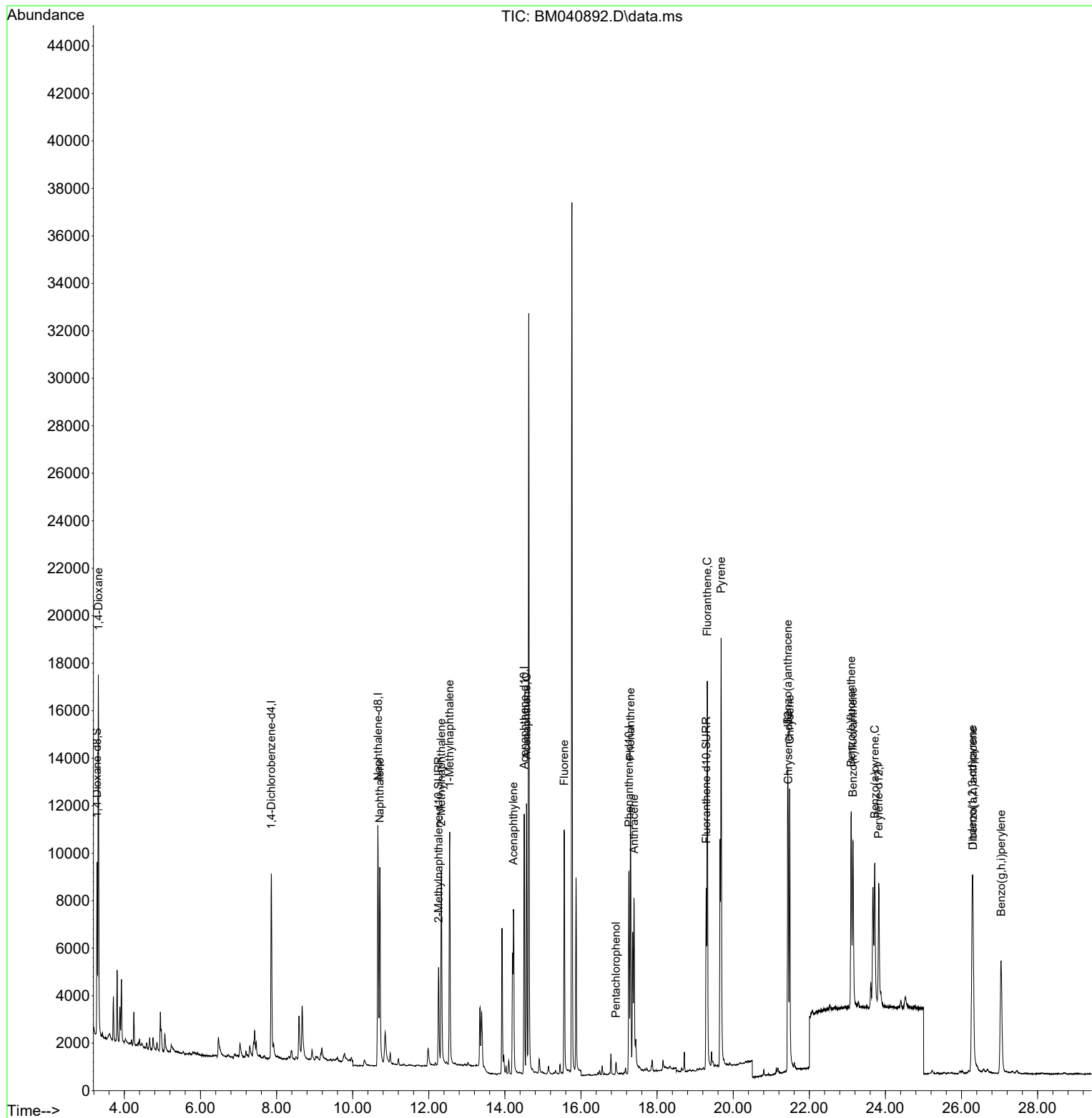
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.861	152	4569	0.400	ng/ul	0.00
4) Naphthalene-d8	10.664	136	14523	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.509	164	6045	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.261	188	10913	0.400	ng/ul	0.00
17) Chrysene-d12	21.448	240	7436	0.400	ng/ul	0.00
23) Perylene-d12	23.825	264	7350	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.284	96	4065	0.566	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.258	152	6238	0.306	ng/ul	0.00
18) Fluoranthene-d10	19.292	212	8657	0.363	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.317	88	9199	1.259	ng/ul	90
5) Naphthalene	10.713	128	12021	0.300	ng/ul	98
7) 2-Methylnaphthalene	12.330	142	6755	0.287	ng/ul	100
8) 1-Methylnaphthalene	12.550	142	7045	0.300	ng/ul	98
10) Acenaphthylene	14.226	152	8111	0.300	ng/ul	98
11) Acenaphthene	14.569	153	6719	0.295	ng/ul	99
12) Fluorene	15.559	166	6896	0.283	ng/ul	99
14) Pentachlorophenol	16.919	266	438	0.208	ng/ul	93
15) Phenanthrene	17.303	178	12424	0.367	ng/ul	99
16) Anthracene	17.392	178	8682	0.305	ng/ul	97
19) Fluoranthene	19.320	202	14372	0.455	ng/ul	99
20) Pyrene	19.682	202	14906	0.440	ng/ul	99
21) Benzo(a)anthracene	21.434	228	10025	0.399	ng/ul	99
22) Chrysene	21.483	228	10708	0.373	ng/ul	98
24) Benzo(b)fluoranthene	23.099	252	11436	0.402	ng/ul	98
25) Benzo(k)fluoranthene	23.149	252	9787	0.349	ng/ul	95
26) Benzo(a)pyrene	23.719	252	9357	0.365	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.280	276	12108	0.339	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.300	278	9005	0.322	ng/ul	97
29) Benzo(g,h,i)perylene	27.038	276	10659	0.341	ng/ul	98

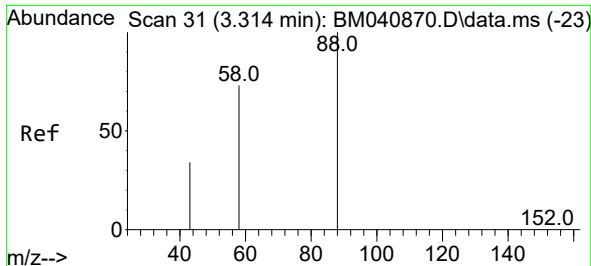
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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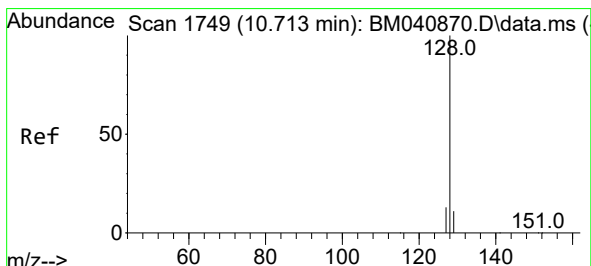
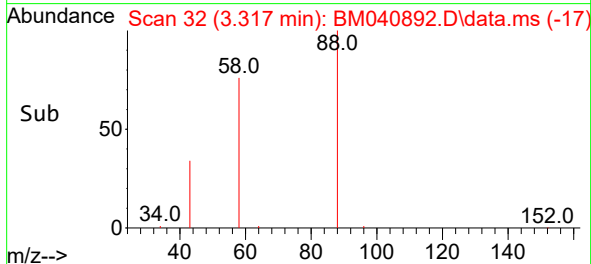
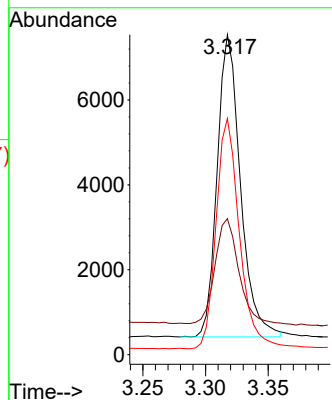
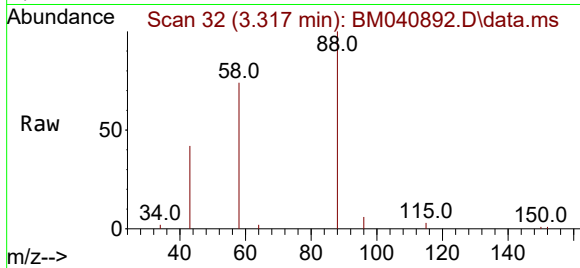




#2
1,4-Dioxane
Concen: 1.259 ng/ul
RT: 3.317 min Scan# 31
Delta R.T. 0.004 min
Lab File: BM040892.D
Acq: 14 Jul 2023 23:19

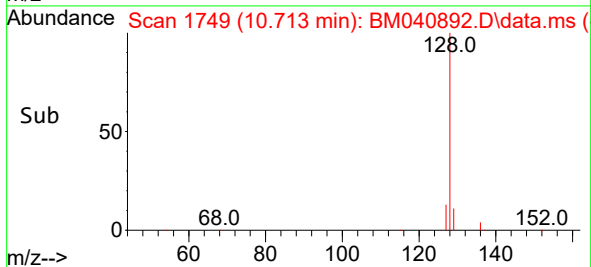
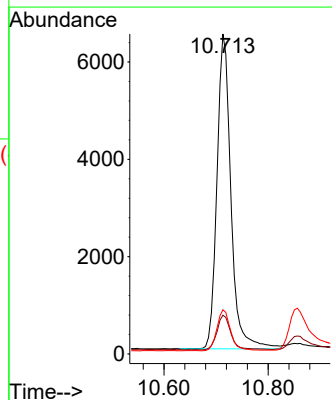
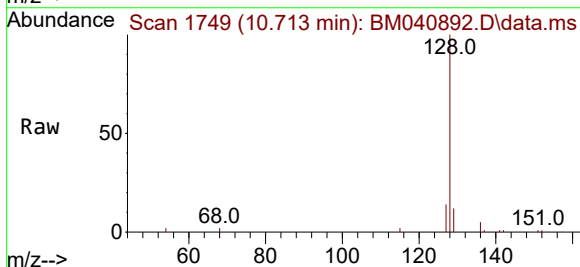
Instrument :
BNA_M
ClientSampleId :
A46K7MS

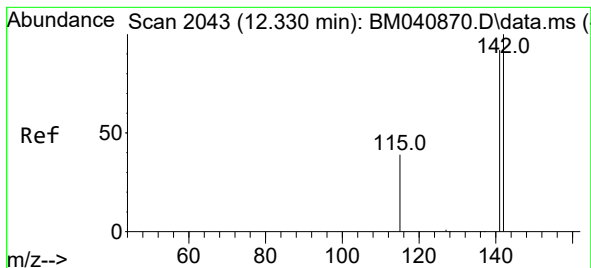
Tgt Ion: 88 Resp: 9199
Ion Ratio Lower Upper
88 100
43 42.5 36.1 54.1
58 73.8 49.8 74.8



#5
Naphthalene
Concen: 0.300 ng/ul
RT: 10.713 min Scan# 1749
Delta R.T. -0.000 min
Lab File: BM040892.D
Acq: 14 Jul 2023 23:19

Tgt Ion: 128 Resp: 12021
Ion Ratio Lower Upper
128 100
129 12.1 9.2 13.8
127 13.8 10.6 15.8

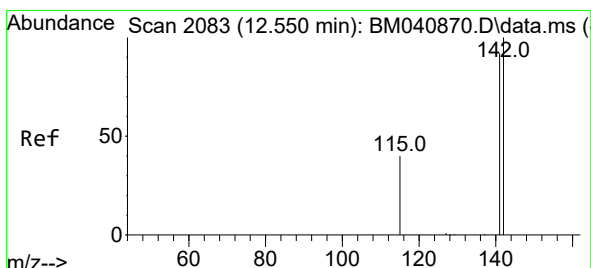
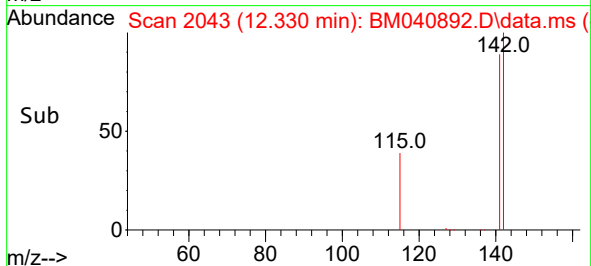
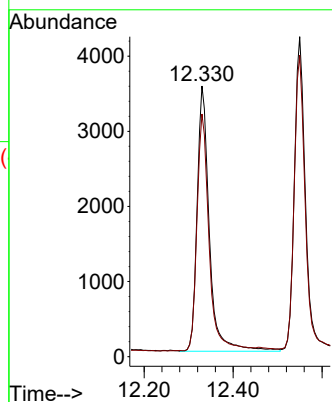
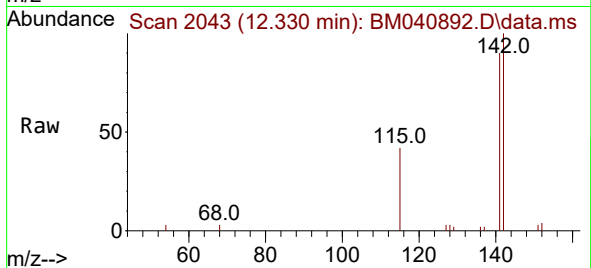




#7
2-Methylnaphthalene
Concen: 0.287 ng/ul
RT: 12.330 min Scan# 2043
Delta R.T. -0.000 min
Lab File: BM040892.D
Acq: 14 Jul 2023 23:19

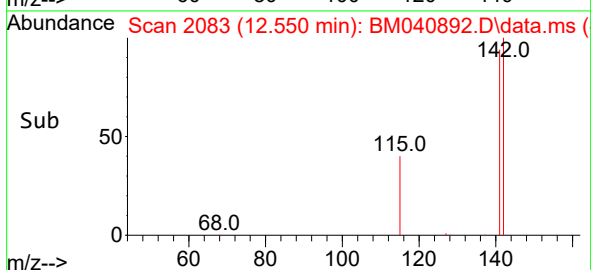
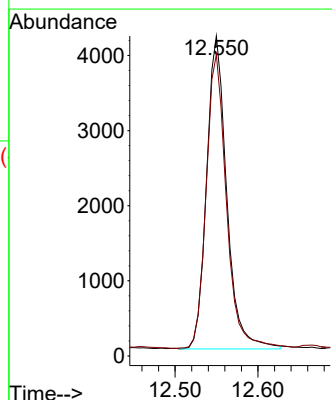
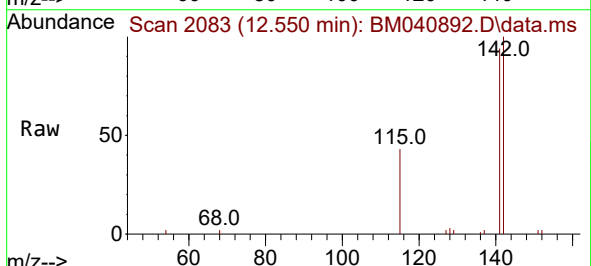
Instrument :
BNA_M
ClientSampleId :
A46K7MS

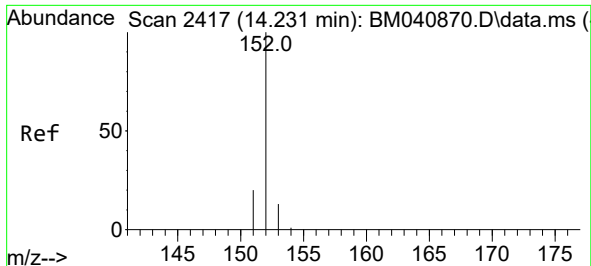
Tgt Ion:142 Resp: 6755
Ion Ratio Lower Upper
142 100
141 89.8 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.300 ng/ul
RT: 12.550 min Scan# 2083
Delta R.T. -0.000 min
Lab File: BM040892.D
Acq: 14 Jul 2023 23:19

Tgt Ion:142 Resp: 7045
Ion Ratio Lower Upper
142 100
141 94.2 73.7 110.5

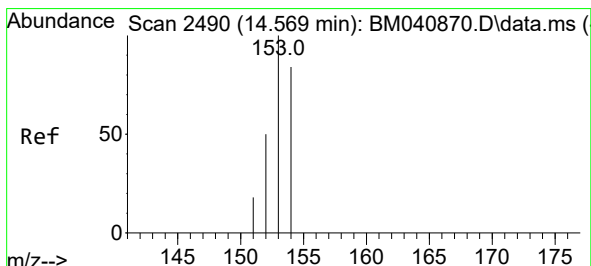
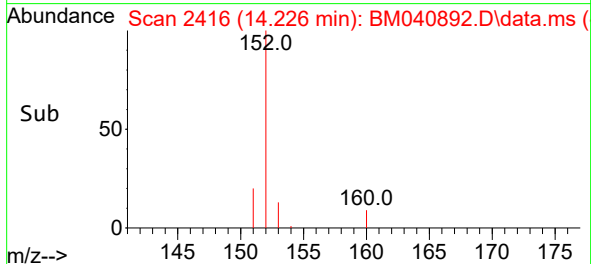
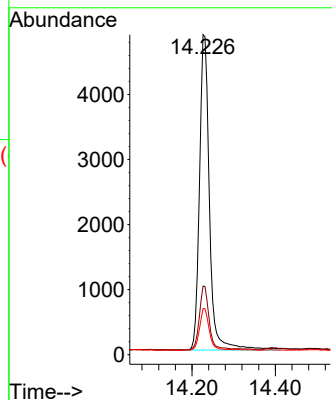
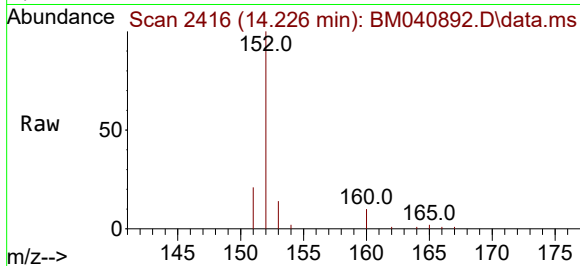




#10
Acenaphthylene
Concen: 0.300 ng/ul
RT: 14.226 min Scan# 2416
Delta R.T. -0.005 min
Lab File: BM040892.D
Acq: 14 Jul 2023 23:19

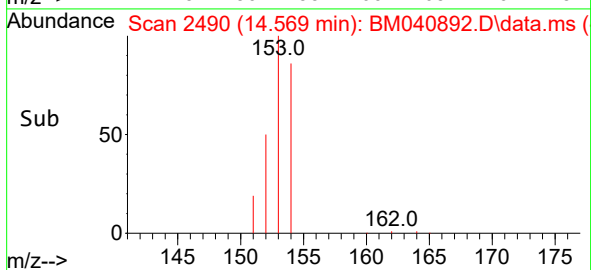
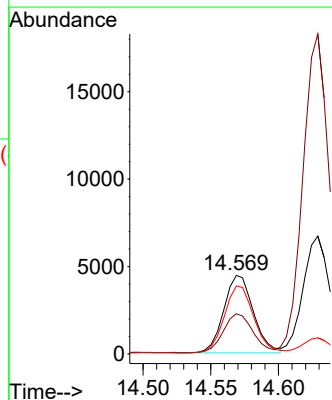
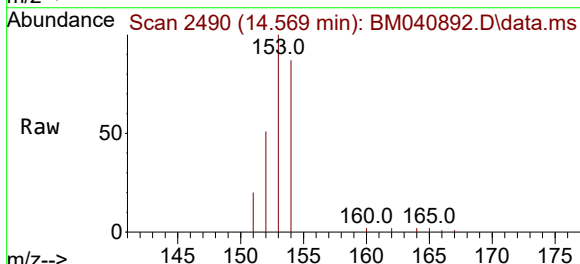
Instrument :
BNA_M
ClientSampleId :
A46K7MS

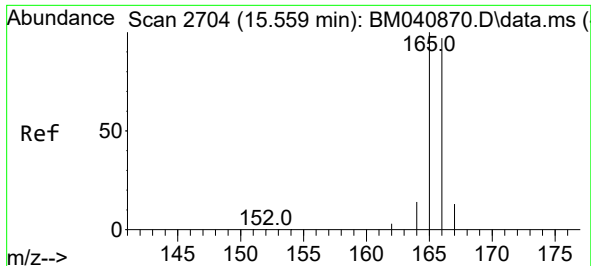
Tgt Ion:152 Resp: 8111
Ion Ratio Lower Upper
152 100
151 21.5 16.2 24.2
153 14.4 10.9 16.3



#11
Acenaphthene
Concen: 0.295 ng/ul
RT: 14.569 min Scan# 2490
Delta R.T. -0.000 min
Lab File: BM040892.D
Acq: 14 Jul 2023 23:19

Tgt Ion:153 Resp: 6719
Ion Ratio Lower Upper
153 100
152 51.1 41.0 61.4
154 86.6 70.8 106.2

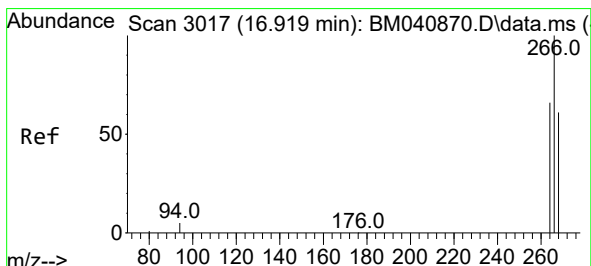
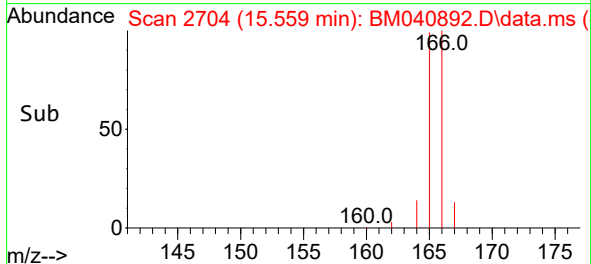
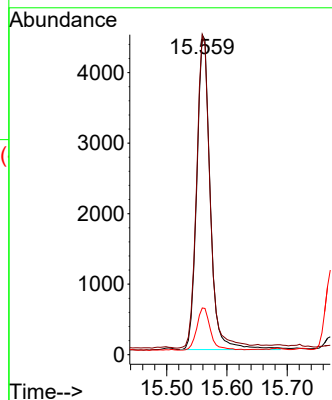
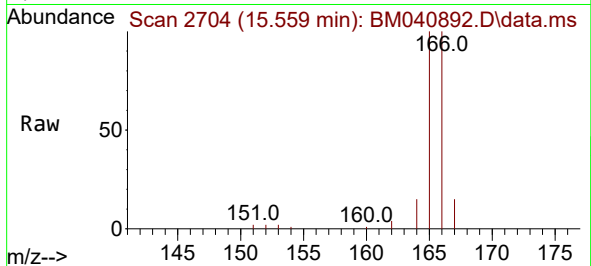




#12
Fluorene
Concen: 0.283 ng/ul
RT: 15.559 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM040892.D
Acq: 14 Jul 2023 23:19

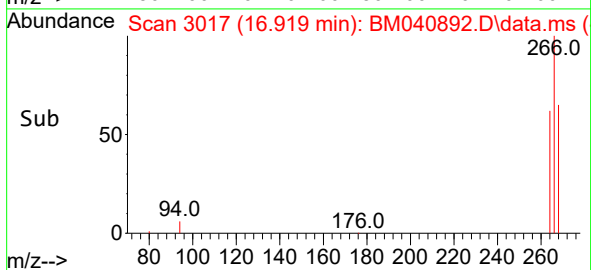
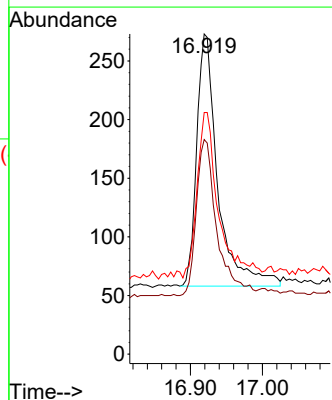
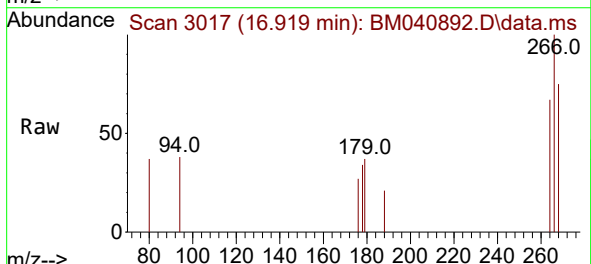
Instrument :
BNA_M
ClientSampleId :
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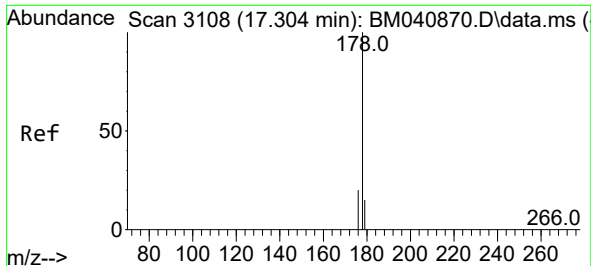
Tgt Ion:166 Resp: 6896
Ion Ratio Lower Upper
166 100
165 100.0 79.6 119.4
167 14.6 11.4 17.0



#14
Pentachlorophenol
Concen: 0.208 ng/ul
RT: 16.919 min Scan# 3017
Delta R.T. -0.000 min
Lab File: BM040892.D
Acq: 14 Jul 2023 23:19

Tgt Ion:266 Resp: 438
Ion Ratio Lower Upper
266 100
264 60.0 45.4 68.0
268 66.4 47.2 70.8

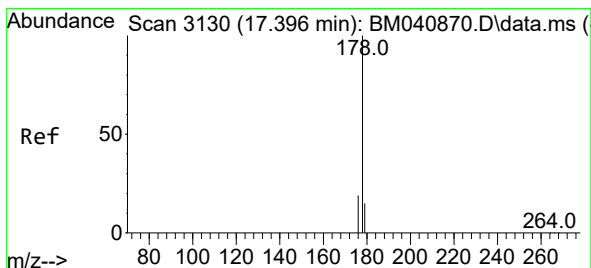
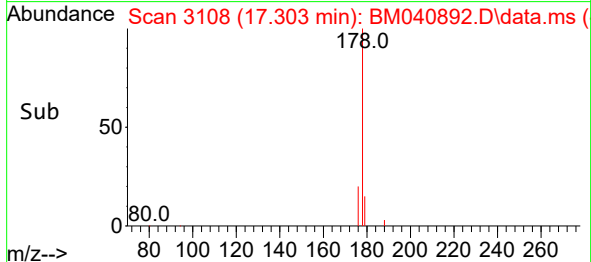
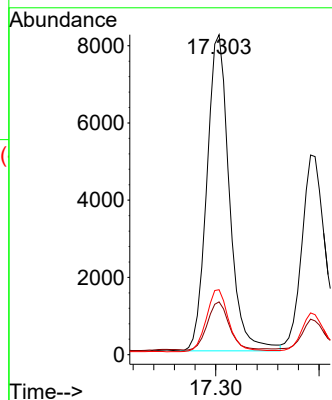
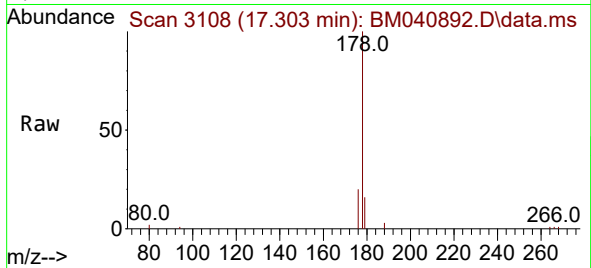




#15
Phenanthrene
Concen: 0.367 ng/ul
RT: 17.303 min Scan# 3108
Delta R.T. -0.000 min
Lab File: BM040892.D
Acq: 14 Jul 2023 23:19

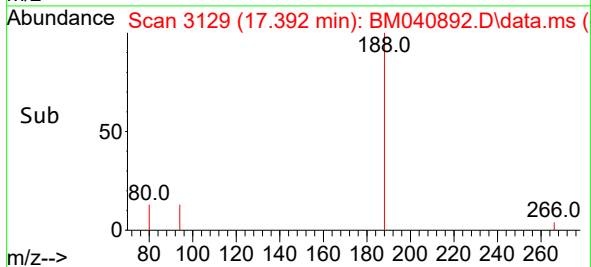
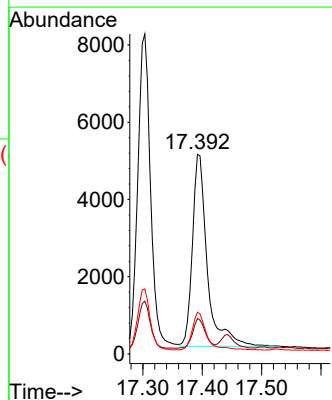
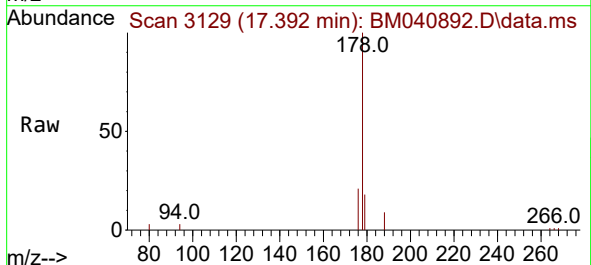
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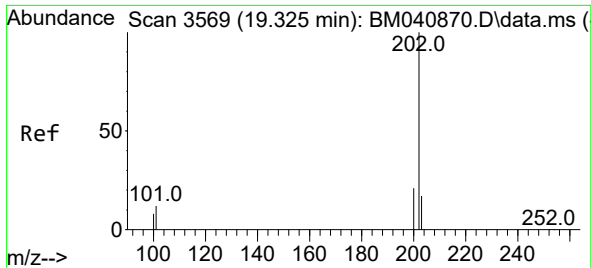
Tgt Ion:	178	Resp:	12424
Ion Ratio	Lower	Upper	
178	100		
179	16.5	12.8	19.2
176	20.3	16.4	24.6



#16
Anthracene
Concen: 0.305 ng/ul
RT: 17.392 min Scan# 3129
Delta R.T. -0.004 min
Lab File: BM040892.D
Acq: 14 Jul 2023 23:19

Tgt Ion:	178	Resp:	8682
Ion Ratio	Lower	Upper	
178	100		
179	17.8	12.9	19.3
176	20.9	15.8	23.6

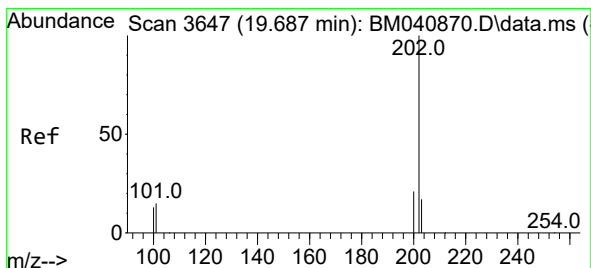
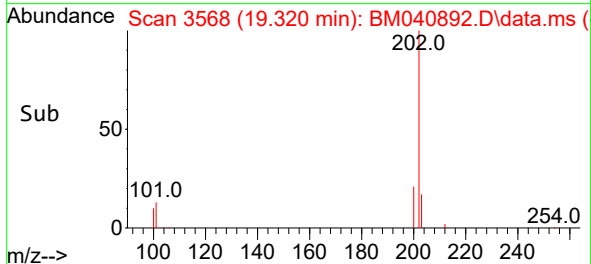
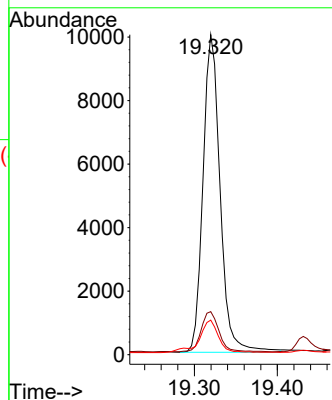
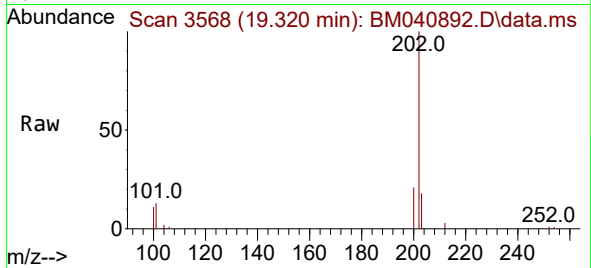




#19
Fluoranthene
Concen: 0.455 ng/ul
RT: 19.320 min Scan# 3568
Delta R.T. -0.005 min
Lab File: BM040892.D
Acq: 14 Jul 2023 23:19

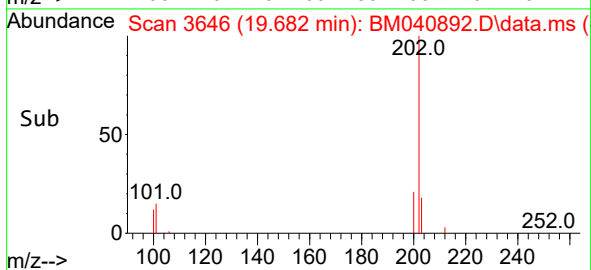
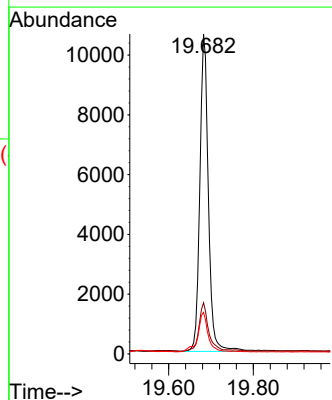
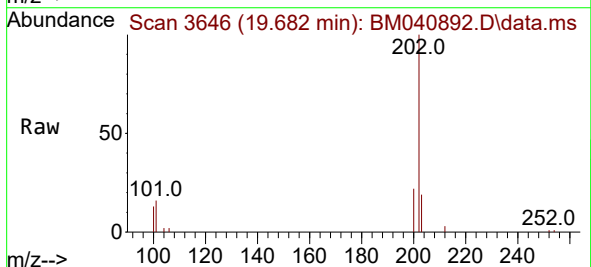
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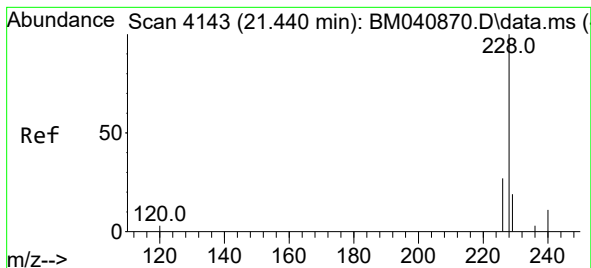
Tgt Ion:202 Resp: 14372
Ion Ratio Lower Upper
202 100
101 13.4 11.4 17.0
100 10.8 8.7 13.1



#20
Pyrene
Concen: 0.440 ng/ul
RT: 19.682 min Scan# 3646
Delta R.T. -0.005 min
Lab File: BM040892.D
Acq: 14 Jul 2023 23:19

Tgt Ion:202 Resp: 14906
Ion Ratio Lower Upper
202 100
101 16.0 12.6 18.8
100 13.0 9.8 14.6





#21

Benzo(a)anthracene

Concen: 0.399 ng/ul

RT: 21.434 min Scan# 41

Delta R.T. -0.000 min

Lab File: BM040892.D

Acq: 14 Jul 2023 23:19

Instrument :

BNA_M

ClientSampleId :

A46K7MS

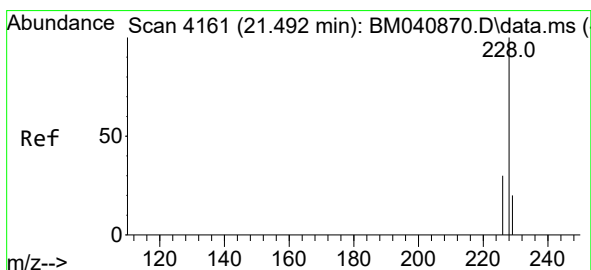
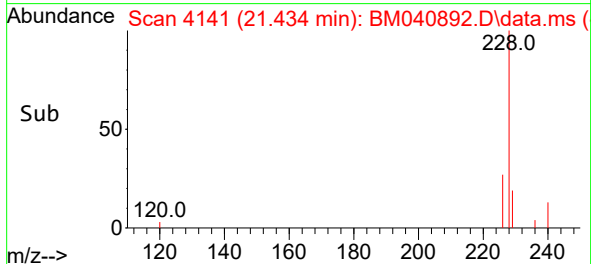
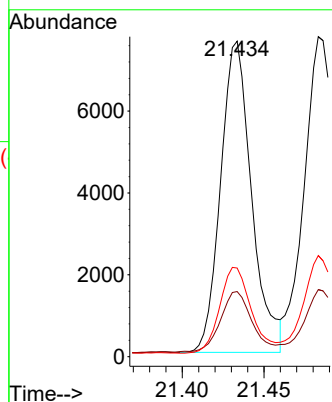
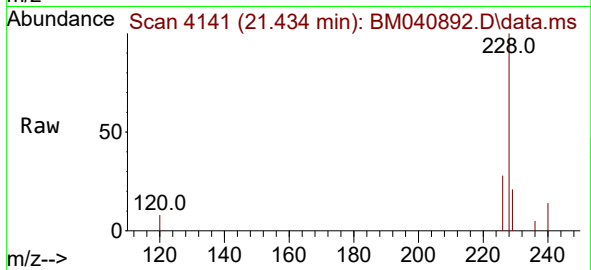
Tgt Ion:228 Resp: 10025

Ion Ratio Lower Upper

228 100

229 20.6 16.0 24.0

226 28.1 22.3 33.5



#22

Chrysene

Concen: 0.373 ng/ul

RT: 21.483 min Scan# 4158

Delta R.T. -0.003 min

Lab File: BM040892.D

Acq: 14 Jul 2023 23:19

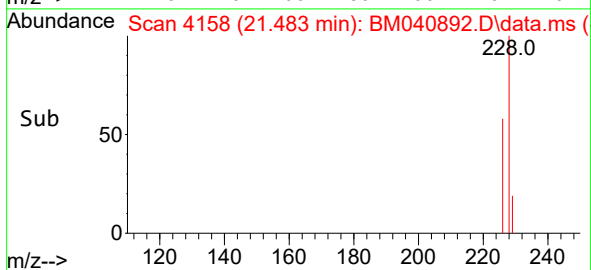
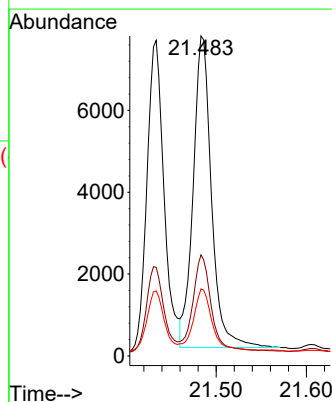
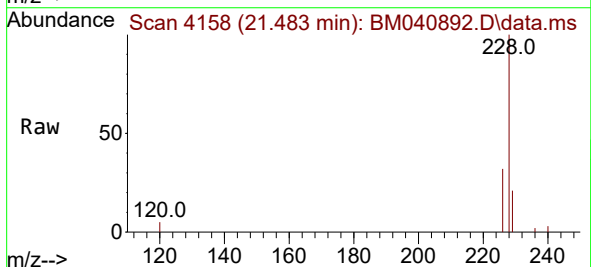
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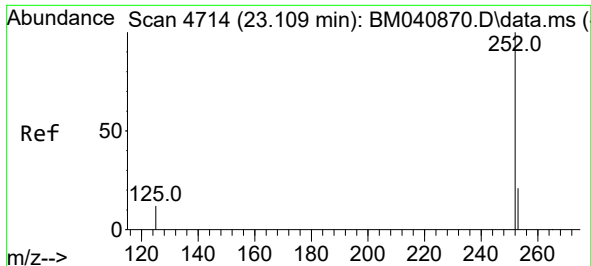
Ion Ratio Lower Upper

228 100

226 31.6 24.9 37.3

229 20.9 15.8 23.6

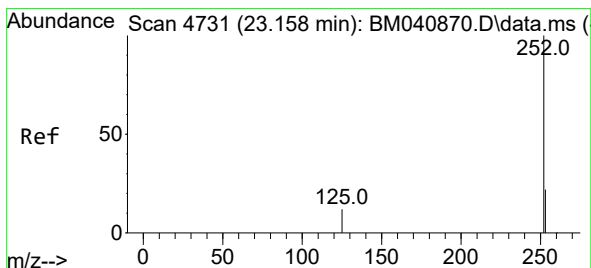
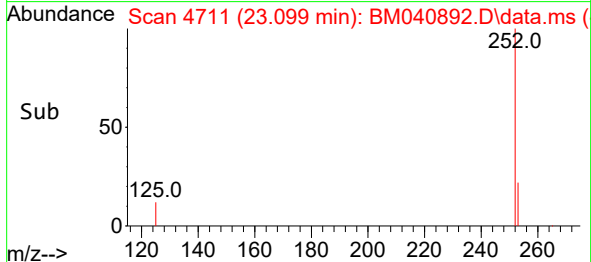
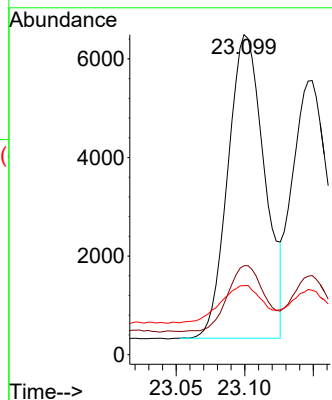
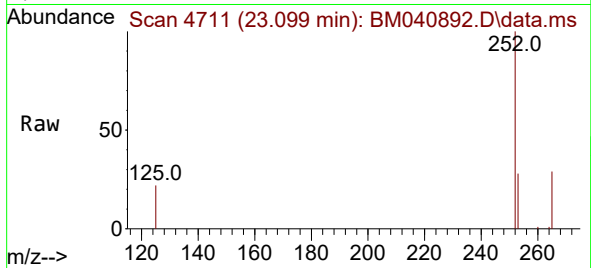




#24
Benzo(b)fluoranthene
Concen: 0.402 ng/ul
RT: 23.099 min Scan# 4711
Delta R.T. -0.003 min
Lab File: BM040892.D
Acq: 14 Jul 2023 23:19

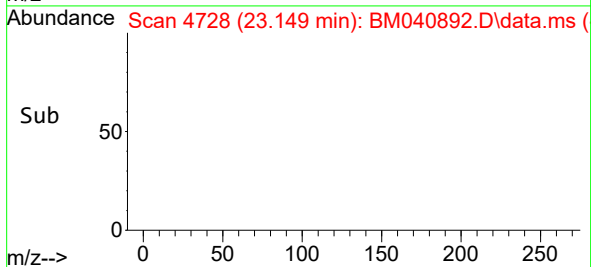
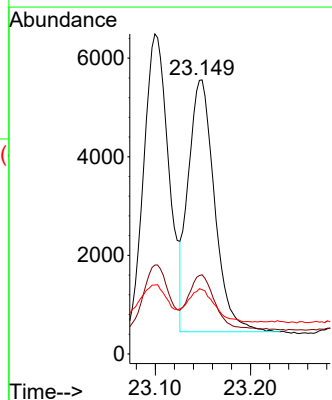
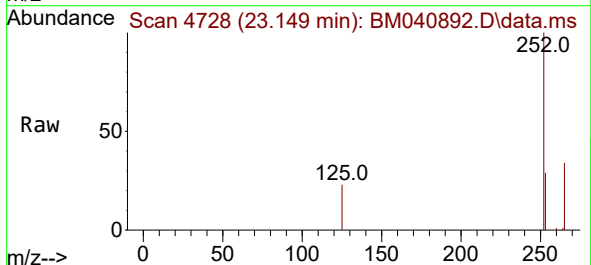
Instrument :
BNA_M
ClientSampleId :
A46K7MS

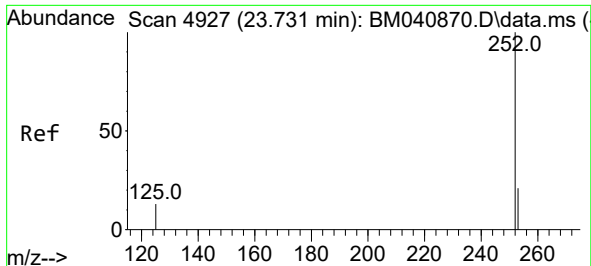
Tgt Ion:252 Resp: 11436
Ion Ratio Lower Upper
252 100
253 27.8 0.0 52.8
125 21.5 0.0 43.0



#25
Benzo(k)fluoranthene
Concen: 0.349 ng/ul
RT: 23.149 min Scan# 4728
Delta R.T. -0.000 min
Lab File: BM040892.D
Acq: 14 Jul 2023 23:19

Tgt Ion:252 Resp: 9787
Ion Ratio Lower Upper
252 100
253 28.9 21.2 31.8
125 23.5 16.4 24.6

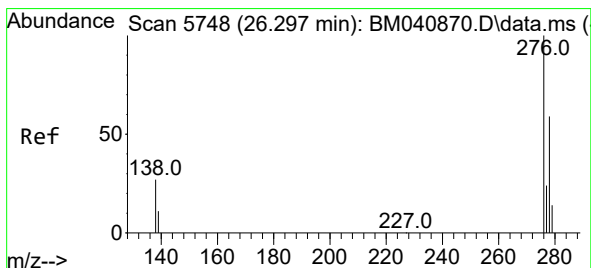
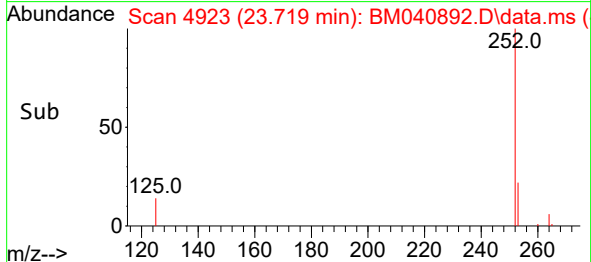
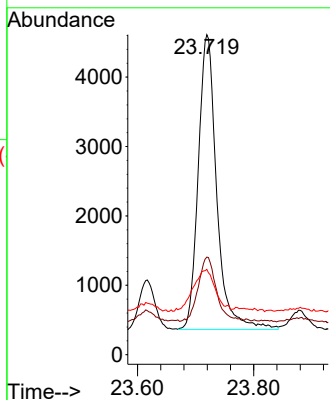
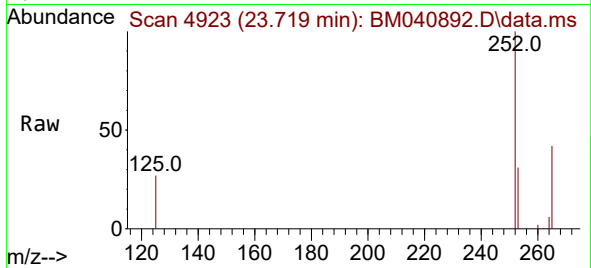




#26
Benzo(a)pyrene
Concen: 0.365 ng/ul
RT: 23.719 min Scan# 4927
Delta R.T. -0.003 min
Lab File: BM040892.D
Acq: 14 Jul 2023 23:19

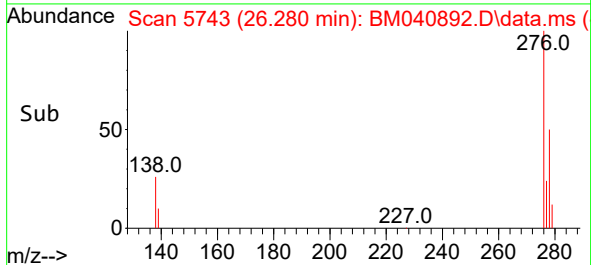
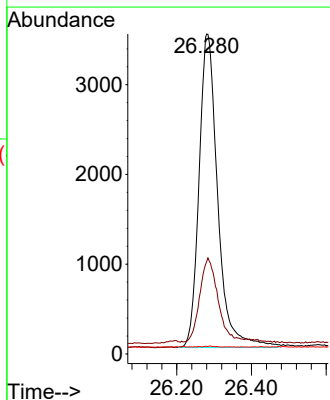
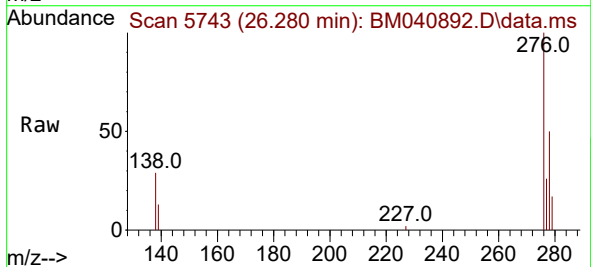
Instrument :
BNA_M
ClientSampleId :
A46K7MS

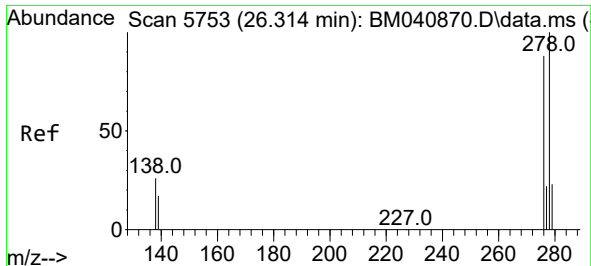
Tgt Ion:252 Resp: 9357
Ion Ratio Lower Upper
252 100
253 30.5 22.9 34.3
125 26.7 21.0 31.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.339 ng/ul
RT: 26.280 min Scan# 5743
Delta R.T. -0.010 min
Lab File: BM040892.D
Acq: 14 Jul 2023 23:19

Tgt Ion:276 Resp: 12108
Ion Ratio Lower Upper
276 100
138 27.3 24.5 36.7
227 0.2 0.1 0.1#

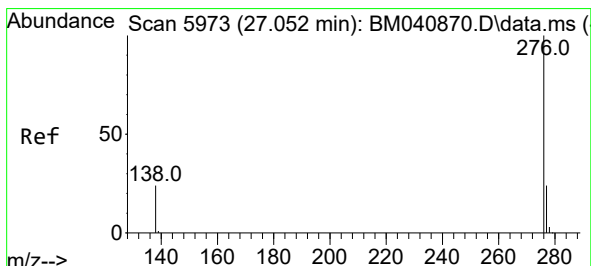
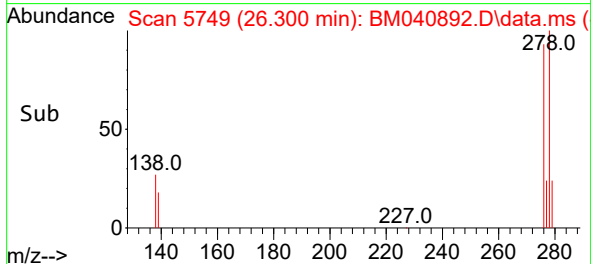
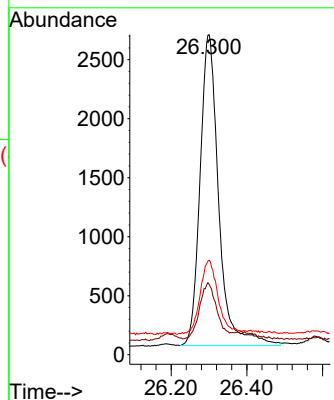
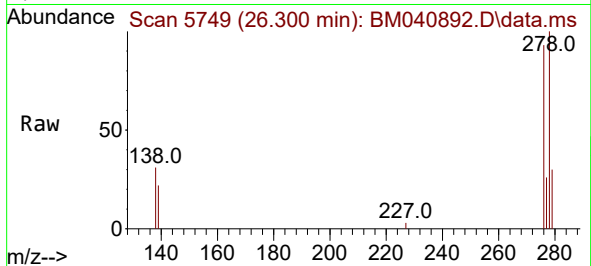




#28
Dibenzo(a,h)anthracene
Concen: 0.322 ng/ul
RT: 26.300 min Scan# 51
Delta R.T. -0.007 min
Lab File: BM040892.D
Acq: 14 Jul 2023 23:19

Instrument :
BNA_M
ClientSampleId :
A46K7MS

Tgt Ion:278 Resp: 9005
Ion Ratio Lower Upper
278 100
139 22.0 17.9 26.9
279 29.5 22.0 33.0



#29
Benzo(g,h,i)perylene
Concen: 0.341 ng/ul
RT: 27.038 min Scan# 5969
Delta R.T. -0.007 min
Lab File: BM040892.D
Acq: 14 Jul 2023 23:19

Tgt Ion:276 Resp: 10659
Ion Ratio Lower Upper
276 100
138 27.4 23.0 34.6
277 26.3 20.3 30.5

