

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM053123\
 Data File : BM040075.D
 Acq On : 31 May 2023 11:58
 Operator : CG/JU
 Sample : SST0.176
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST0.1008

Quant Time: May 31 18:06:48 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM053123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 31 18:06:12 2023
 Response via : Initial Calibration

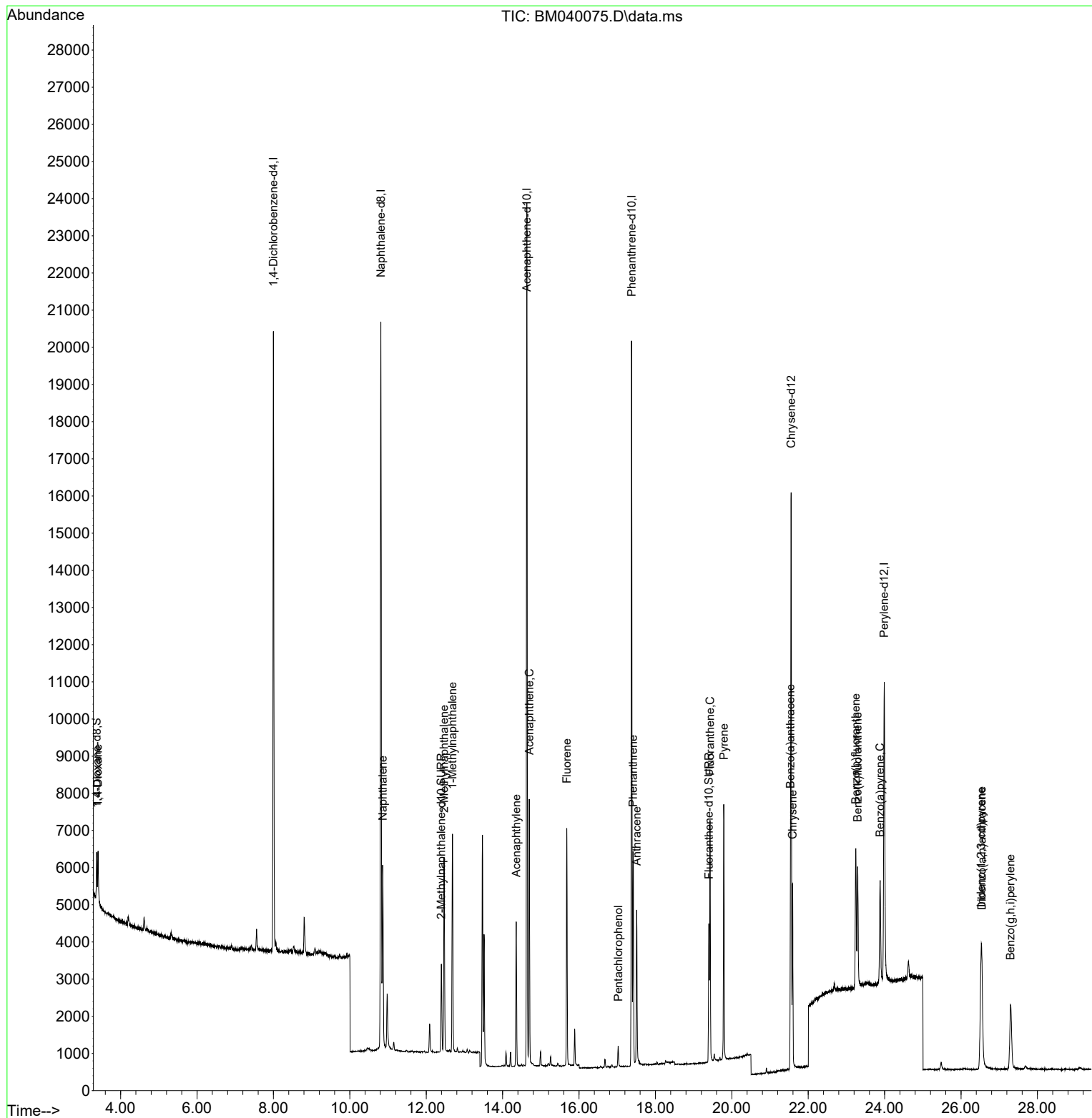
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.999	152	8279	0.400	ng/ul	0.00
4) Naphthalene-d8	10.811	136	26669	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.633	164	12122	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.374	188	21323	0.400	ng/ul	0.00
17) Chrysene-d12	21.553	240	12537	0.400	ng/ul	0.00
23) Perylene-d12	23.991	264	11620	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	977	0.096	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.395	152	3076	0.095	ng/ul	0.00
18) Fluoranthene-d10	19.398	212	3708	0.101	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.409	88	962	0.090	ng/ul#	1
5) Naphthalene	10.861	128	7428	0.105	ng/ul	97
7) 2-Methylnaphthalene	12.466	142	3751	0.095	ng/ul	100
8) 1-Methylnaphthalene	12.686	142	3967	0.096	ng/ul	99
10) Acenaphthylene	14.355	152	4434	0.094	ng/ul	98
11) Acenaphthene	14.697	153	3892	0.096	ng/ul	99
12) Fluorene	15.678	166	3970	0.094	ng/ul	97
14) Pentachlorophenol	17.024	266	387	0.081	ng/ul	98
15) Phenanthrene	17.417	178	5932	0.097	ng/ul	97
16) Anthracene	17.510	178	4603	0.092	ng/ul	96
19) Fluoranthene	19.431	202	5316	0.098	ng/ul	96
20) Pyrene	19.789	202	5475	0.100	ng/ul	98
21) Benzo(a)anthracene	21.535	228	4064	0.099	ng/ul	97
22) Chrysene	21.588	228	4344	0.097	ng/ul	98
24) Benzo(b)fluoranthene	23.245	252	4648	0.095	ng/ul#	73
25) Benzo(k)fluoranthene	23.292	252	4280	0.092	ng/ul#	77
26) Benzo(a)pyrene	23.879	252	3848	0.097	ng/ul#	56
27) Indeno(1,2,3-cd)pyrene	26.524	276	4994	0.097	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.544	278	3833	0.094	ng/ul#	88
29) Benzo(g,h,i)perylene	27.296	276	3965	0.095	ng/ul	92

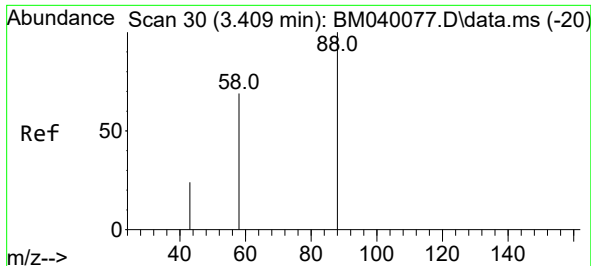
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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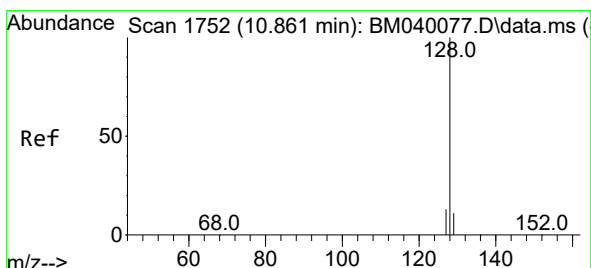
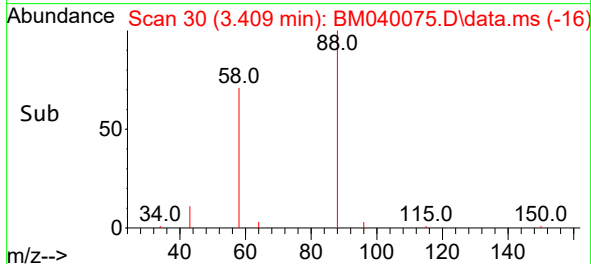
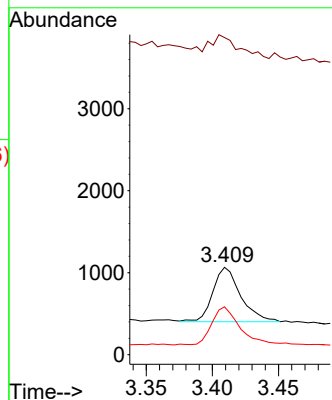
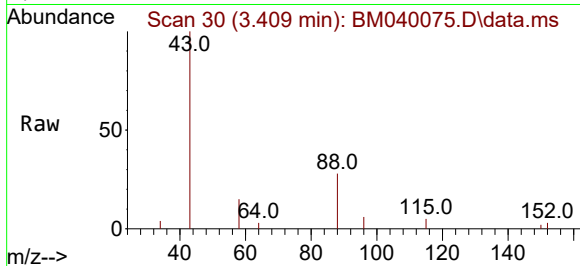




#2
1,4-Dioxane
Concen: 0.090 ng/ul
RT: 3.409 min Scan# 30
Delta R.T. 0.000 min
Lab File: BM040075.D
Acq: 31 May 2023 11:58

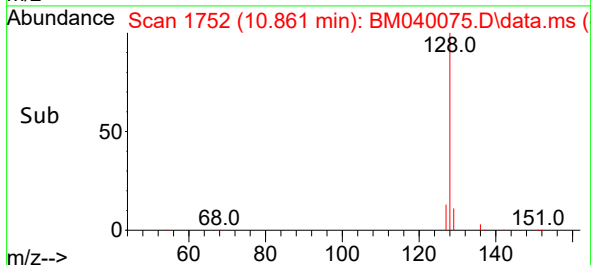
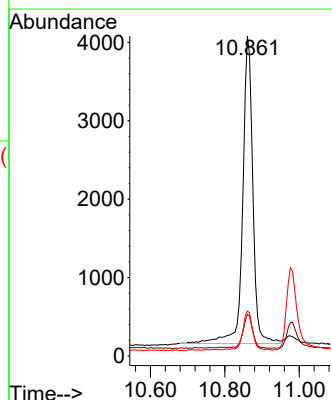
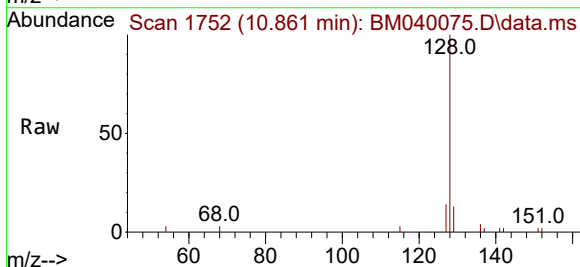
Instrument :
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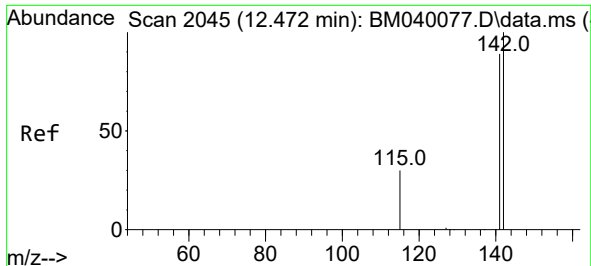
Tgt Ion: 88 Resp: 962
Ion Ratio Lower Upper
88 100
43 362.8 81.3 121.9#
58 54.7 52.0 78.0



#5
Naphthalene
Concen: 0.105 ng/ul
RT: 10.861 min Scan# 1752
Delta R.T. 0.000 min
Lab File: BM040075.D
Acq: 31 May 2023 11:58

Tgt Ion: 128 Resp: 7428
Ion Ratio Lower Upper
128 100
129 13.0 9.2 13.8
127 14.0 10.5 15.7

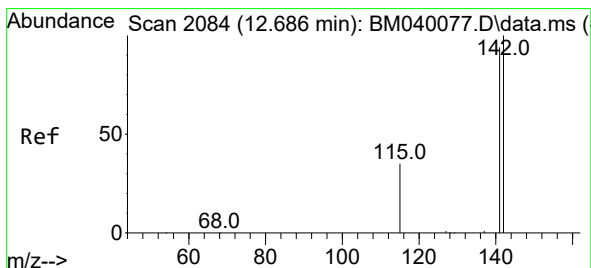
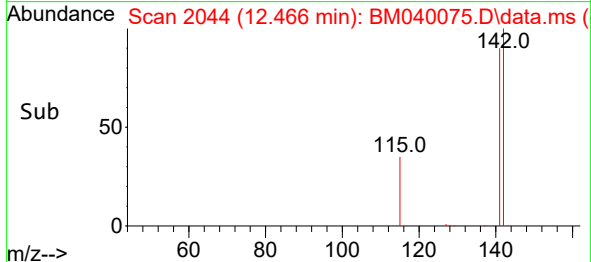
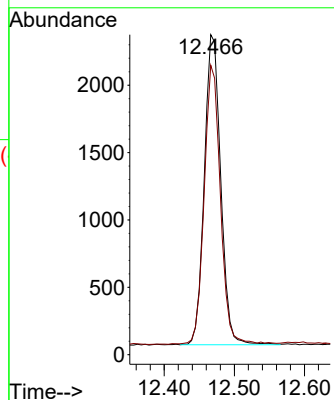
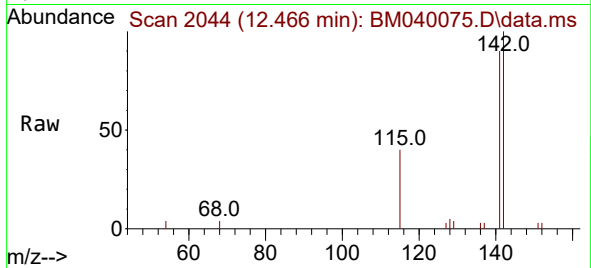




#7
2-Methylnaphthalene
Concen: 0.095 ng/ul
RT: 12.466 min Scan# 2044
Delta R.T. -0.005 min
Lab File: BM040075.D
Acq: 31 May 2023 11:58

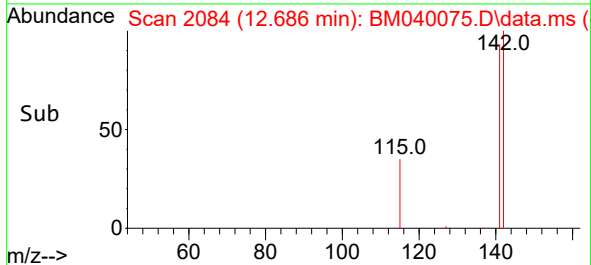
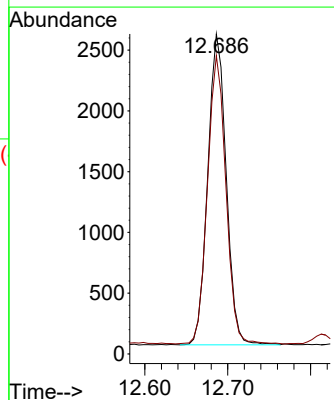
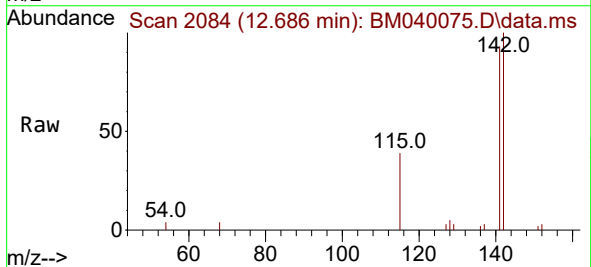
Instrument :
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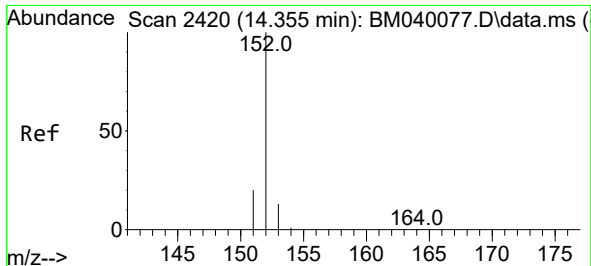
Tgt Ion:142 Resp: 3751
Ion Ratio Lower Upper
142 100
141 89.5 71.8 107.8



#8
1-Methylnaphthalene
Concen: 0.096 ng/ul
RT: 12.686 min Scan# 2084
Delta R.T. 0.000 min
Lab File: BM040075.D
Acq: 31 May 2023 11:58

Tgt Ion:142 Resp: 3967
Ion Ratio Lower Upper
142 100
141 92.4 74.7 112.1

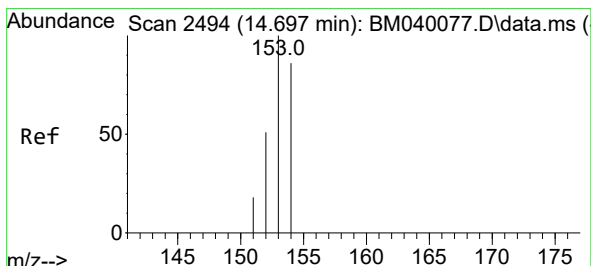
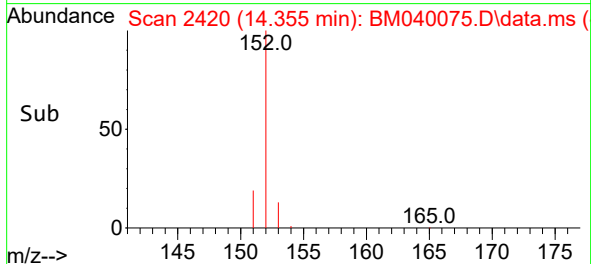
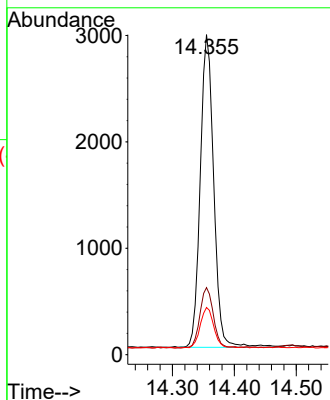
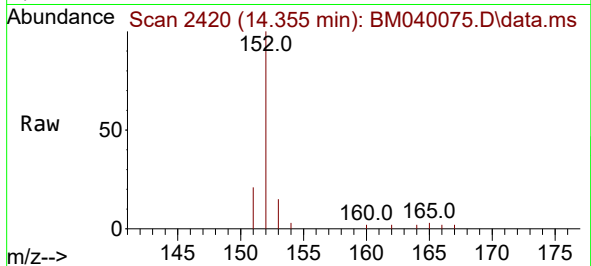




#10
Acenaphthylene
Concen: 0.094 ng/ul
RT: 14.355 min Scan# 2420
Delta R.T. 0.000 min
Lab File: BM040075.D
Acq: 31 May 2023 11:58

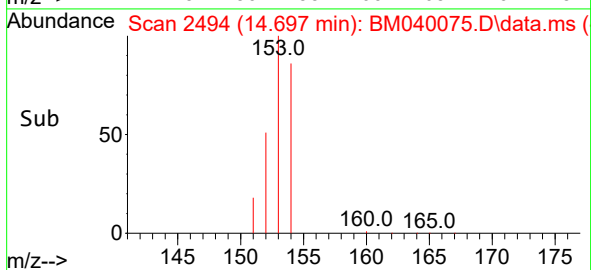
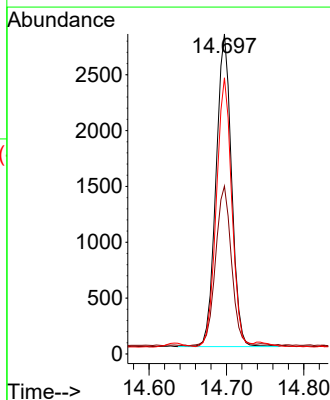
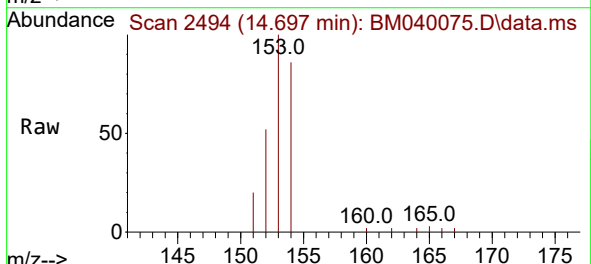
Instrument :
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ClientSampleId :
SSTD0.1008

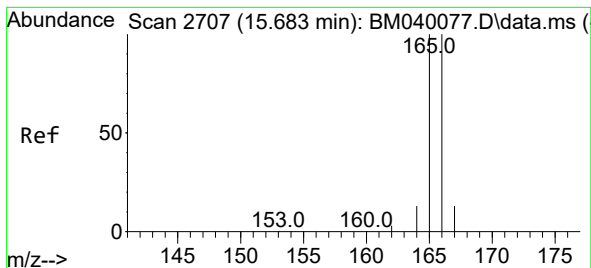
Tgt Ion:152 Resp: 4434
Ion Ratio Lower Upper
152 100
151 21.0 16.4 24.6
153 14.8 10.8 16.2



#11
Acenaphthene
Concen: 0.096 ng/ul
RT: 14.697 min Scan# 2494
Delta R.T. 0.000 min
Lab File: BM040075.D
Acq: 31 May 2023 11:58

Tgt Ion:153 Resp: 3892
Ion Ratio Lower Upper
153 100
152 52.5 41.2 61.8
154 86.3 68.8 103.2





#12

Fluorene

Concen: 0.094 ng/ul

RT: 15.678 min Scan# 21

Delta R.T. -0.005 min

Lab File: BM040075.D

Acq: 31 May 2023 11:58

Instrument :

BNA_M

ClientSampleId :

SSTD0.1008

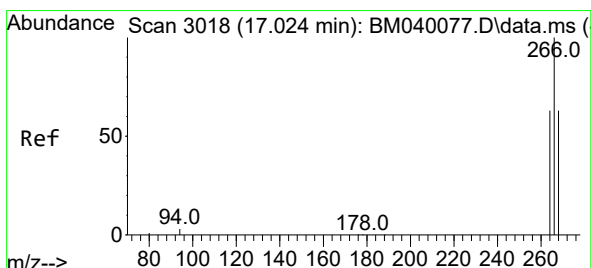
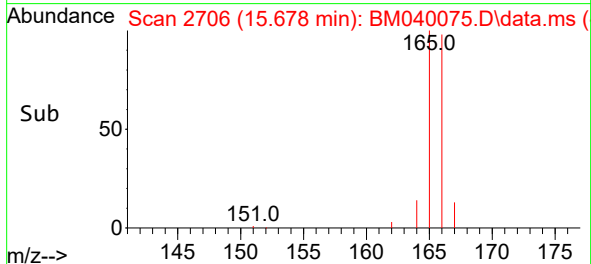
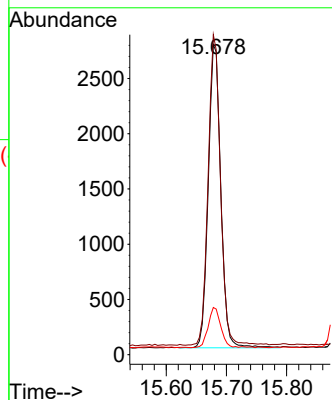
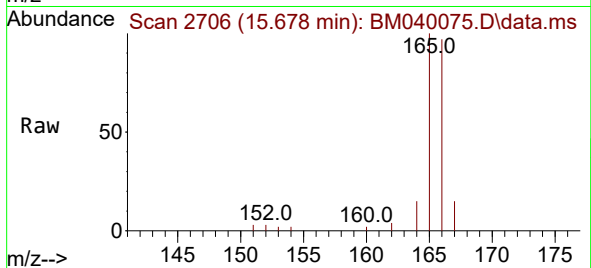
Tgt Ion:166 Resp: 3970

Ion Ratio Lower Upper

166 100

165 103.2 79.8 119.8

167 15.2 11.2 16.8



#14

Pentachlorophenol

Concen: 0.081 ng/ul

RT: 17.024 min Scan# 3018

Delta R.T. 0.000 min

Lab File: BM040075.D

Acq: 31 May 2023 11:58

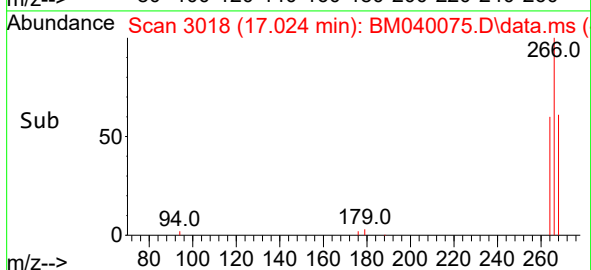
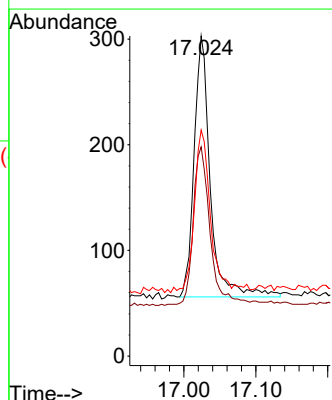
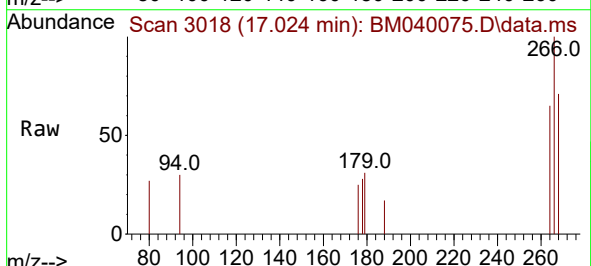
Tgt Ion:266 Resp: 387

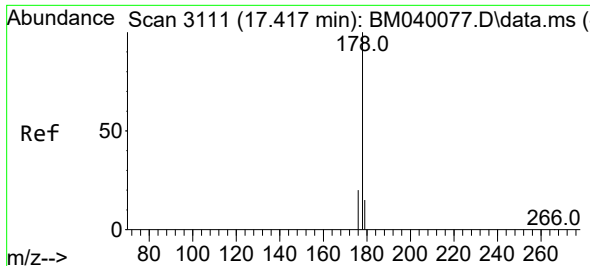
Ion Ratio Lower Upper

266 100

264 65.1 49.9 74.9

268 63.8 51.5 77.3

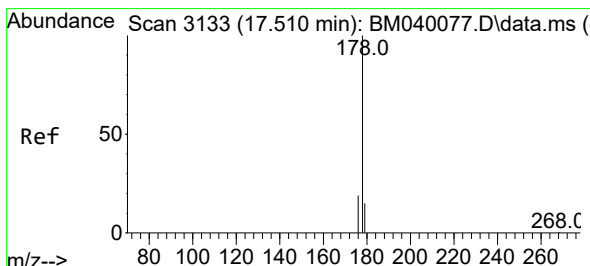
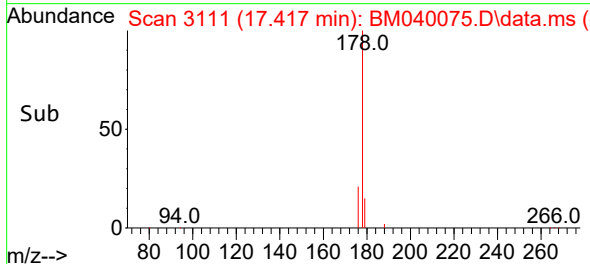
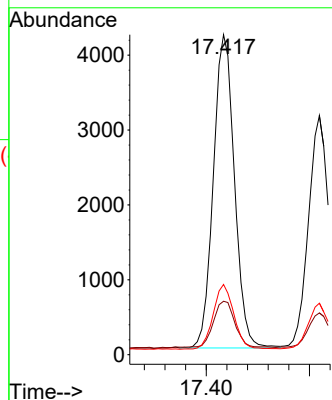
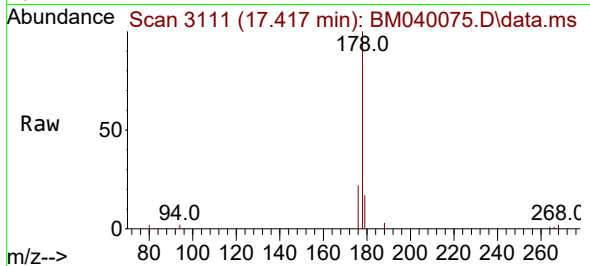




#15
Phenanthrene
Concen: 0.097 ng/ul
RT: 17.417 min Scan# 3111
Delta R.T. 0.000 min
Lab File: BM040075.D
Acq: 31 May 2023 11:58

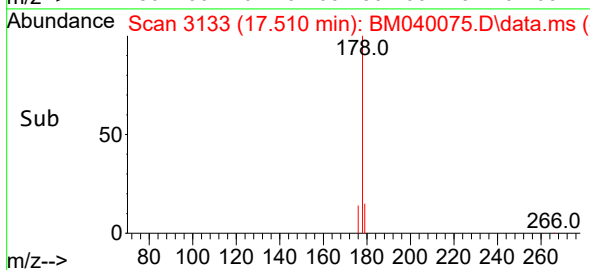
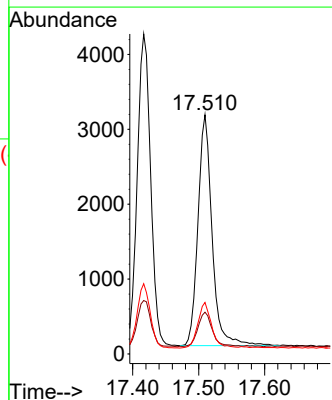
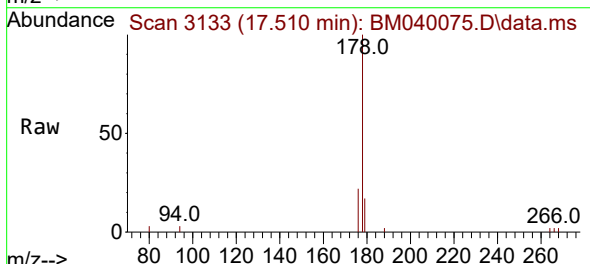
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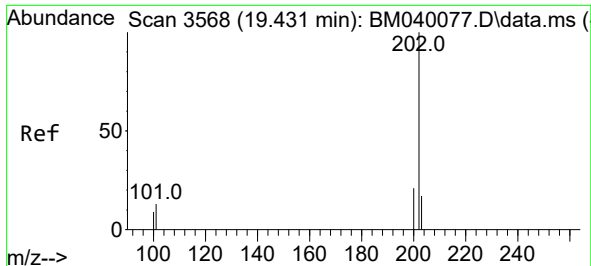
Tgt Ion:178 Resp: 5932
Ion Ratio Lower Upper
178 100
179 16.7 12.4 18.6
176 21.9 16.4 24.6



#16
Anthracene
Concen: 0.092 ng/ul
RT: 17.510 min Scan# 3133
Delta R.T. 0.000 min
Lab File: BM040075.D
Acq: 31 May 2023 11:58

Tgt Ion:178 Resp: 4603
Ion Ratio Lower Upper
178 100
179 17.4 12.6 19.0
176 21.6 15.8 23.6

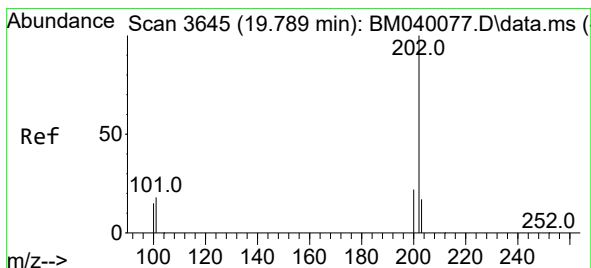
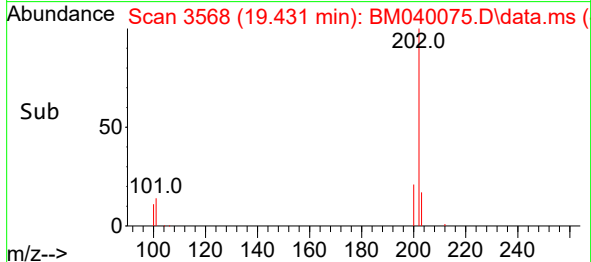
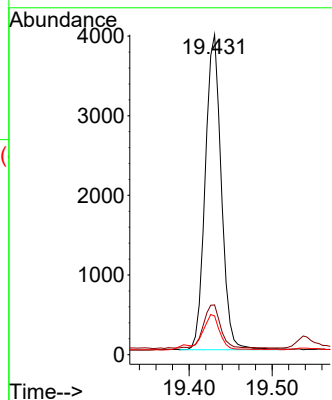
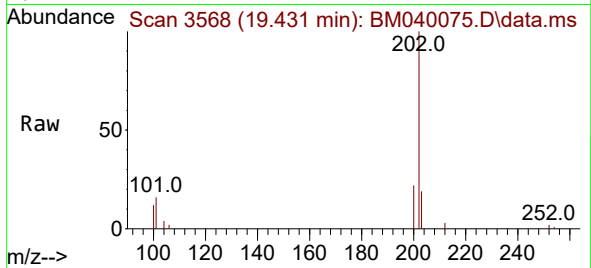




#19
Fluoranthene
Concen: 0.098 ng/ul
RT: 19.431 min Scan# 3568
Delta R.T. 0.000 min
Lab File: BM040075.D
Acq: 31 May 2023 11:58

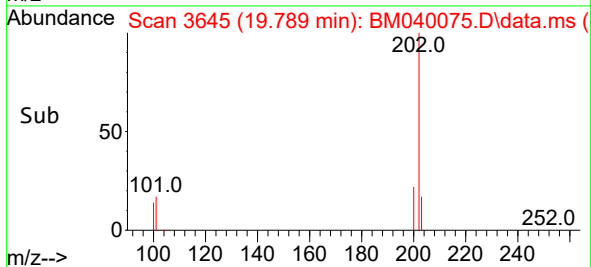
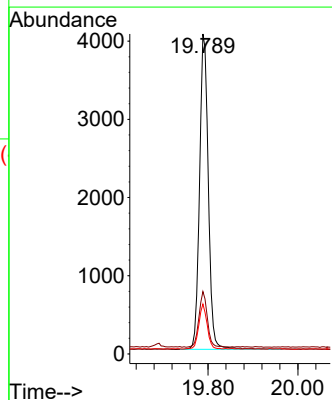
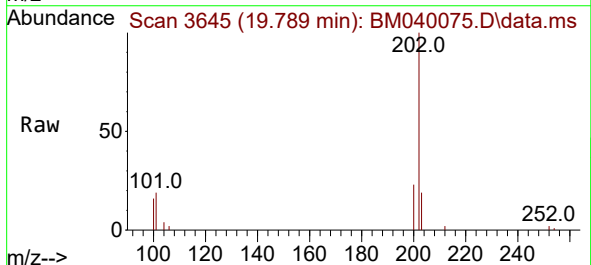
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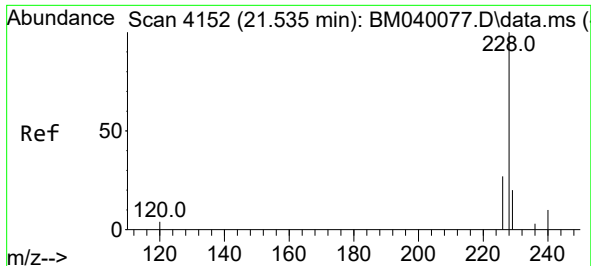
Tgt Ion:202 Resp: 5316
Ion Ratio Lower Upper
202 100
101 15.5 11.2 16.8
100 12.1 8.6 12.8



#20
Pyrene
Concen: 0.100 ng/ul
RT: 19.789 min Scan# 3645
Delta R.T. 0.000 min
Lab File: BM040075.D
Acq: 31 May 2023 11:58

Tgt Ion:202 Resp: 5475
Ion Ratio Lower Upper
202 100
101 19.5 14.7 22.1
100 15.6 12.2 18.2

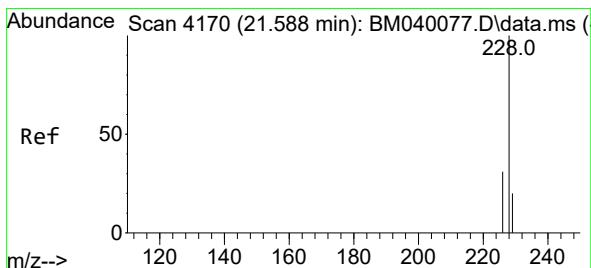
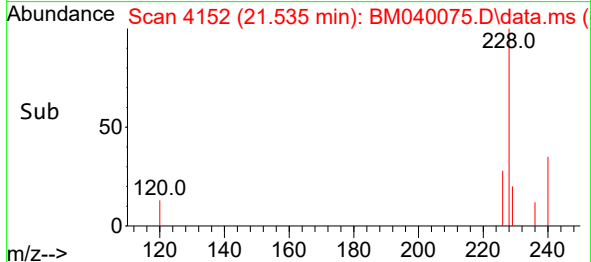
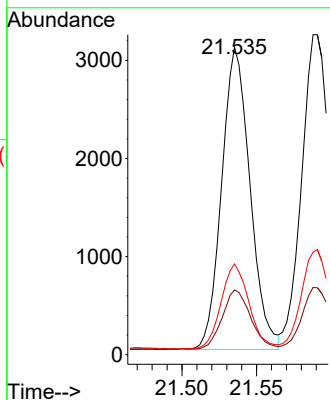
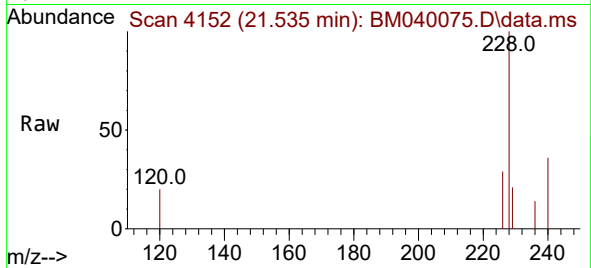




#21
Benzo(a)anthracene
Concen: 0.099 ng/ul
RT: 21.535 min Scan# 4152
Delta R.T. 0.000 min
Lab File: BM040075.D
Acq: 31 May 2023 11:58

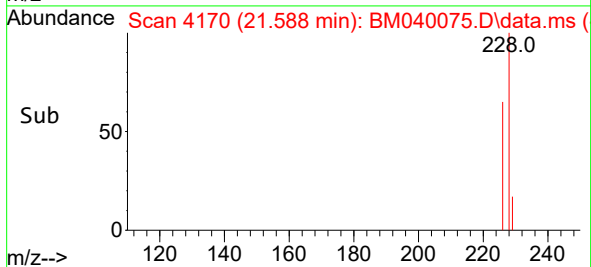
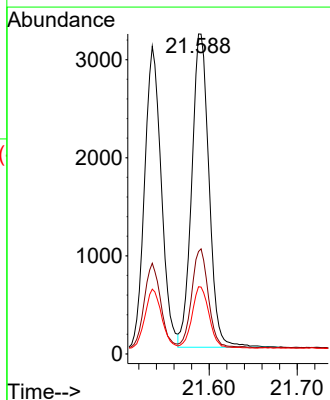
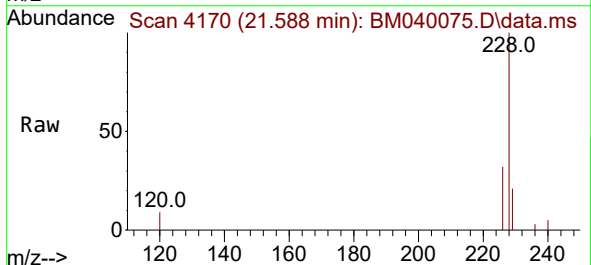
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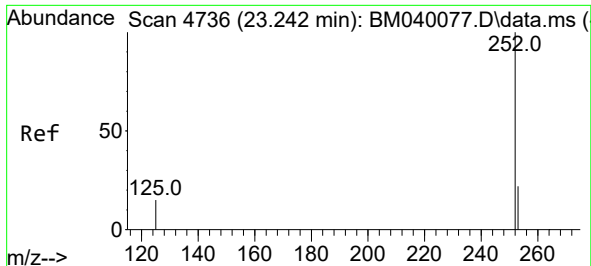
Tgt Ion:228 Resp: 4064
Ion Ratio Lower Upper
228 100
229 21.0 16.1 24.1
226 29.5 22.1 33.1



#22
Chrysene
Concen: 0.097 ng/ul
RT: 21.588 min Scan# 4170
Delta R.T. 0.000 min
Lab File: BM040075.D
Acq: 31 May 2023 11:58

Tgt Ion:228 Resp: 4344
Ion Ratio Lower Upper
228 100
226 32.0 24.8 37.2
229 21.0 15.9 23.9

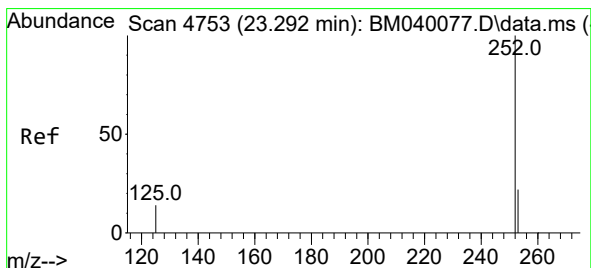
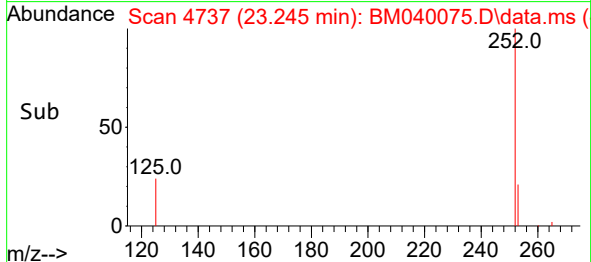
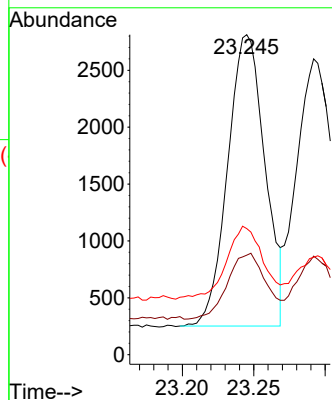
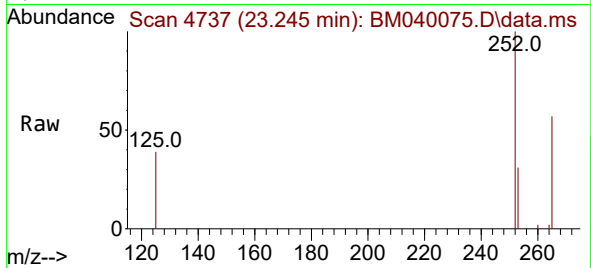




#24
Benzo(b)fluoranthene
Concen: 0.095 ng/ul
RT: 23.245 min Scan# 4737
Delta R.T. 0.003 min
Lab File: BM040075.D
Acq: 31 May 2023 11:58

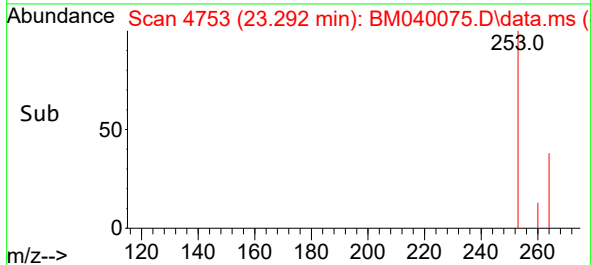
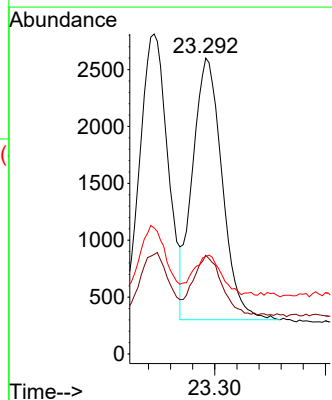
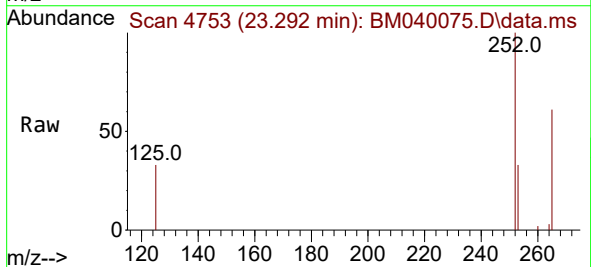
Instrument :
BNA_M
ClientSampleId :
SSTD0.1008

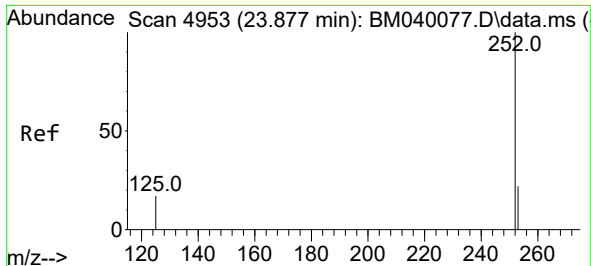
Tgt Ion:252 Resp: 4648
Ion Ratio Lower Upper
252 100
253 31.1 0.0 48.6
125 39.4 0.0 38.8#



#25
Benzo(k)fluoranthene
Concen: 0.092 ng/ul
RT: 23.292 min Scan# 4753
Delta R.T. 0.000 min
Lab File: BM040075.D
Acq: 31 May 2023 11:58

Tgt Ion:252 Resp: 4280
Ion Ratio Lower Upper
252 100
253 33.3 19.5 29.3#
125 32.9 15.9 23.9#

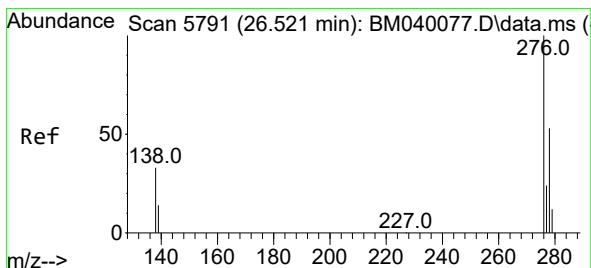
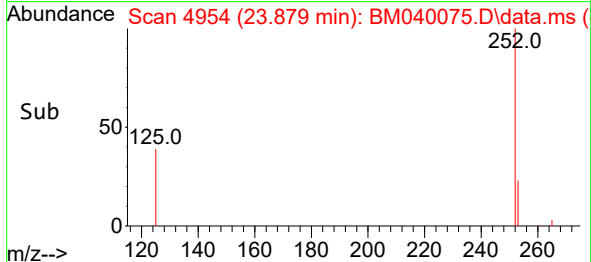
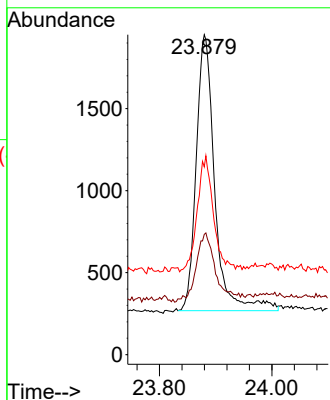
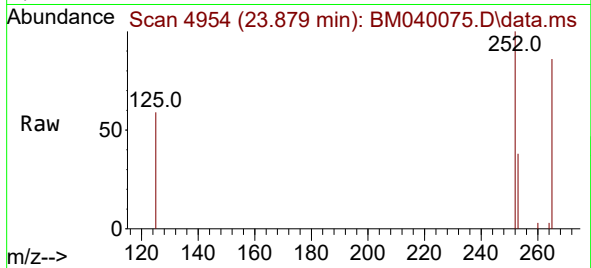




#26
Benzo(a)pyrene
Concen: 0.097 ng/ul
RT: 23.879 min Scan# 4954
Delta R.T. 0.003 min
Lab File: BM040075.D
Acq: 31 May 2023 11:58

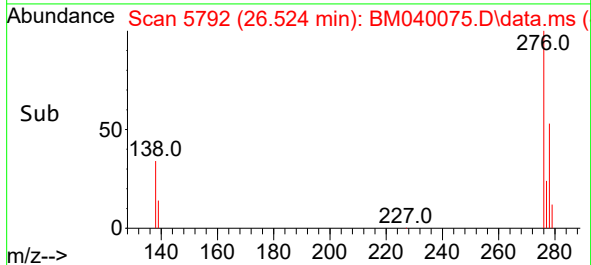
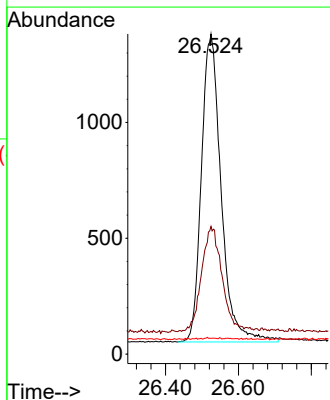
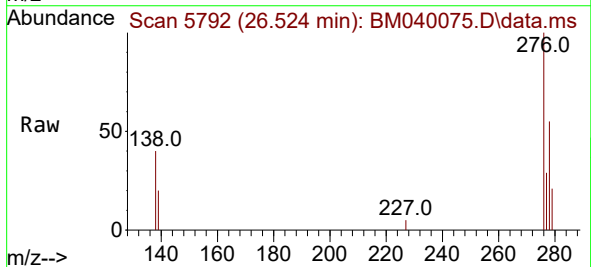
Instrument :
BNA_M
ClientSampleId :
SSTD0.1008

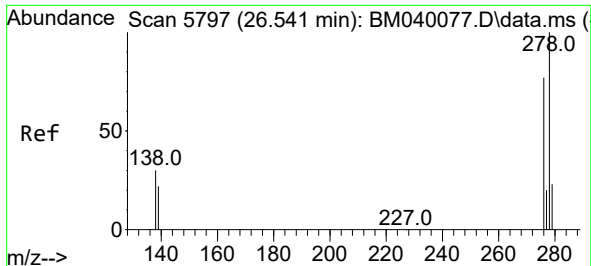
Tgt Ion:252 Resp: 3848
Ion Ratio Lower Upper
252 100
253 37.6 21.0 31.4#
125 58.7 19.8 29.8#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.097 ng/ul
RT: 26.524 min Scan# 5792
Delta R.T. 0.003 min
Lab File: BM040075.D
Acq: 31 May 2023 11:58

Tgt Ion:276 Resp: 4994
Ion Ratio Lower Upper
276 100
138 35.3 28.0 42.0
227 0.2 0.1 0.1#

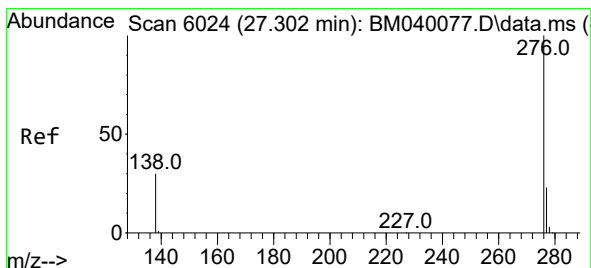
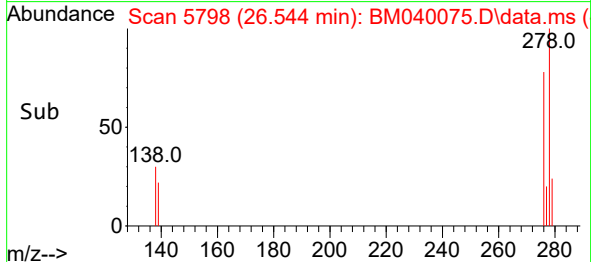
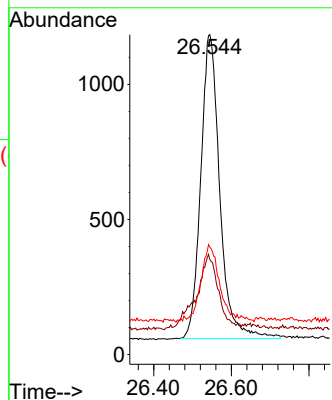
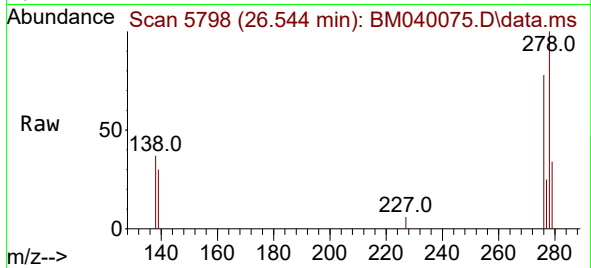




#28
Dibenzo(a,h)anthracene
Concen: 0.094 ng/ul
RT: 26.544 min Scan# 51
Delta R.T. 0.003 min
Lab File: BM040075.D
Acq: 31 May 2023 11:58

Instrument :
BNA_M
ClientSampleId :
SSTD0.1008

Tgt Ion:278 Resp: 3833
Ion Ratio Lower Upper
278 100
139 29.7 19.6 29.4#
279 33.6 21.0 31.6#



#29
Benzo(g,h,i)perylene
Concen: 0.095 ng/ul
RT: 27.296 min Scan# 6022
Delta R.T. -0.007 min
Lab File: BM040075.D
Acq: 31 May 2023 11:58

Tgt Ion:276 Resp: 3965
Ion Ratio Lower Upper
276 100
138 36.5 25.2 37.8
277 28.5 19.8 29.8

