

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062623\
 Data File : BM040402.D
 Acq On : 26 Jun 2023 15:26
 Operator : MA/JU
 Sample : 03084-13DL 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFN0DL

Quant Time: Jun 27 04:26:00 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 : Fri Jun 23 00:44:24 2023
 Response via : Initial Calibration

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

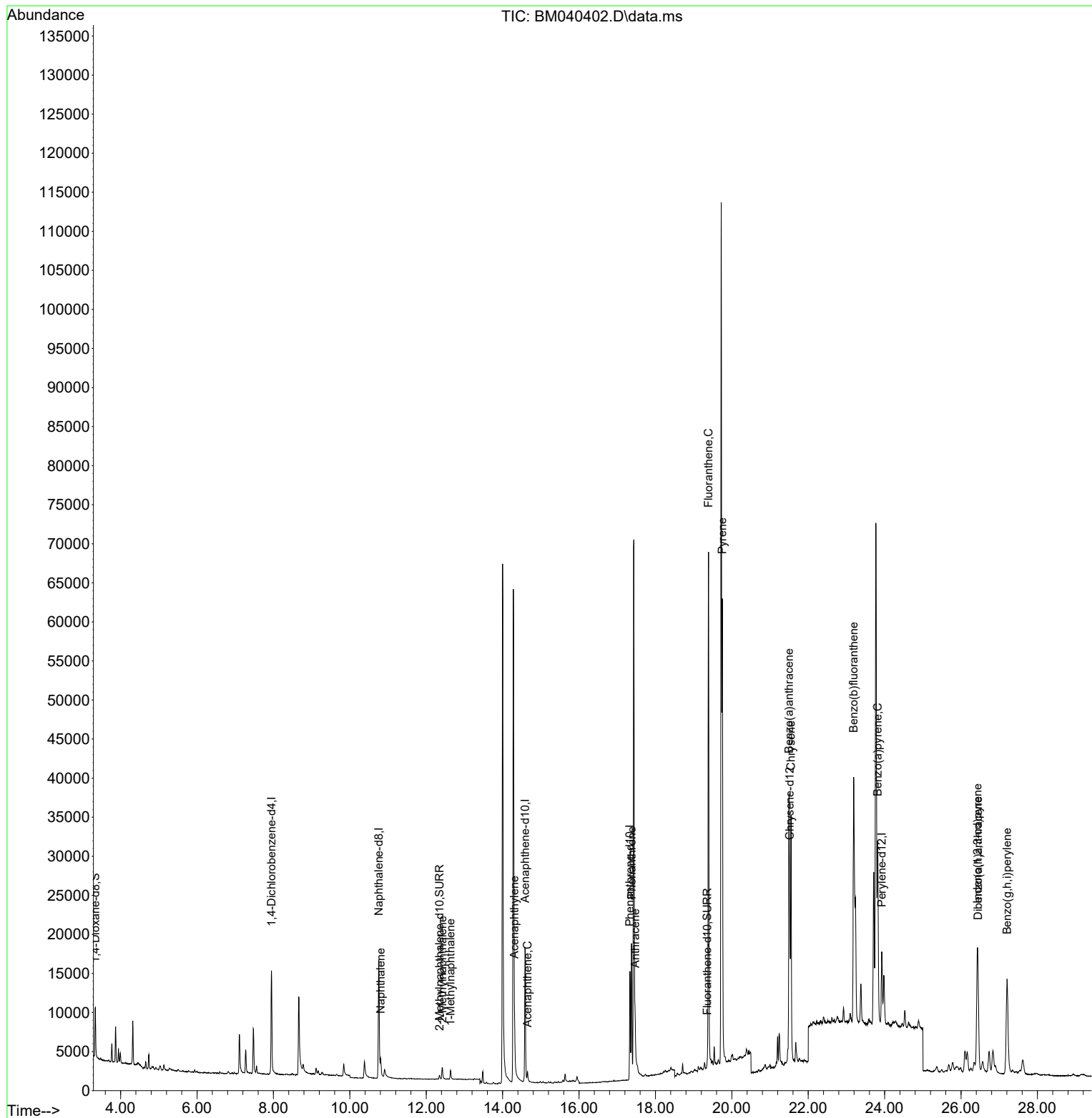
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.949	152	7395	0.400	ng/ul	0.00
4) Naphthalene-d8	10.756	136	24223	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.587	164	10109	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.332	188	17072	0.400	ng/ul	0.00
17) Chrysene-d12	21.512	240	12239	0.400	ng/ul	# 0.00
23) Perylene-d12	23.926	264	12914	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.338	96	3935	0.339	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.345	152	798	0.023	ng/ul	0.00
18) Fluoranthene-d10	19.356	212	1206	0.031	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.806	128	3054	0.046	ng/ul#	86
7) 2-Methylnaphthalene	12.422	142	1369	0.035	ng/ul	97
8) 1-Methylnaphthalene	12.637	142	904	0.023	ng/ul	99
10) Acenaphthylene	14.309	152	6140	0.136	ng/ul	95
11) Acenaphthene	14.651	153	763	0.020	ng/ul#	94
15) Phenanthrene	17.375	178	19507	0.368	ng/ul	99
16) Anthracene	17.468	178	5396	0.121	ng/ul#	89
19) Fluoranthene	19.389	202	58781	1.131	ng/ul	97
20) Pyrene	19.752	202	49156	0.882	ng/ul	98
21) Benzo(a)anthracene	21.494	228	28785	0.695	ng/ul	95
22) Chrysene	21.547	228	34681	0.734	ng/ul	95
24) Benzo(b)fluoranthene	23.190	252	53163	1.064	ng/ul	98
26) Benzo(a)pyrene	23.818	252	32575	0.724	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.431	276	29568	0.472	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.444	278	7161	0.146	ng/ul#	70
29) Benzo(g,h,i)perylene	27.205	276	27576	0.502	ng/ul	99

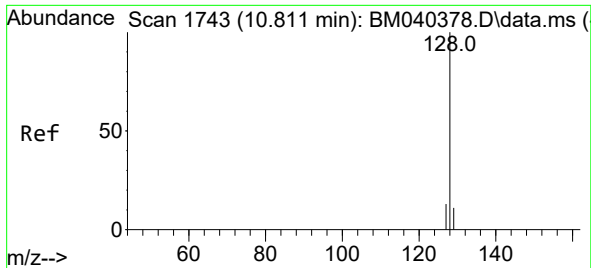
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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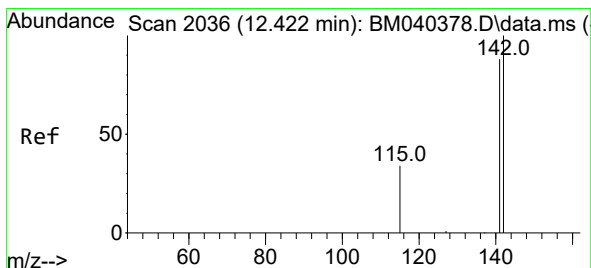
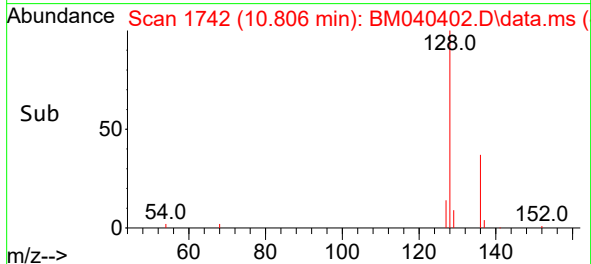
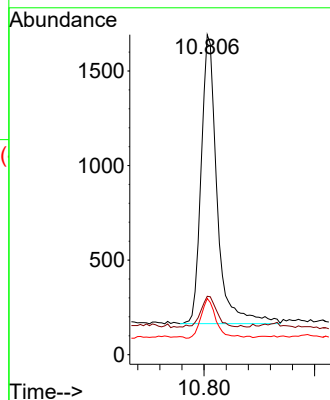
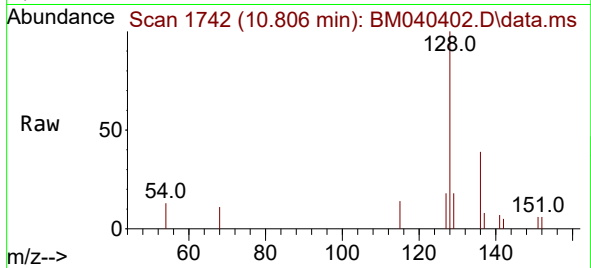




#5
Naphthalene
Concen: 0.046 ng/ul
RT: 10.806 min Scan# 1742
Delta R.T. -0.005 min
Lab File: BM040402.D
Acq: 26 Jun 2023 15:26

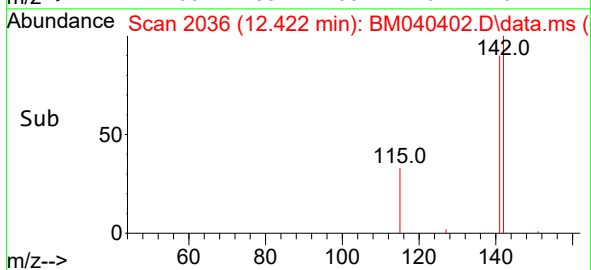
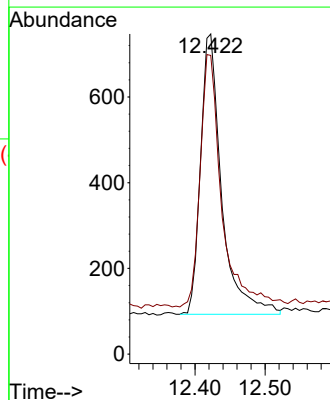
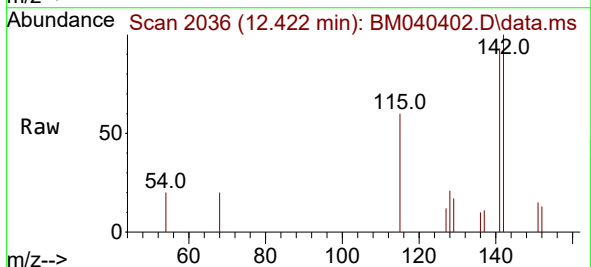
Instrument :
BNA_M
ClientSampleId :
DCFN0DL

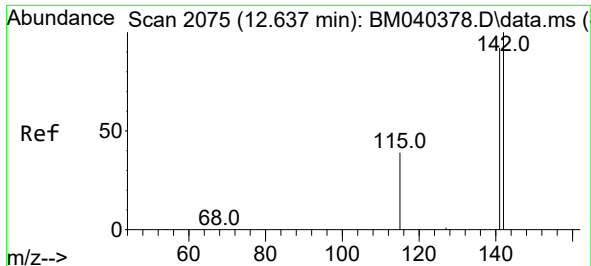
Tgt Ion:128 Resp: 3054
Ion Ratio Lower Upper
128 100
129 18.3 9.2 13.8#
127 17.6 10.6 15.8#



#7
2-Methylnaphthalene
Concen: 0.035 ng/ul
RT: 12.422 min Scan# 2036
Delta R.T. 0.000 min
Lab File: BM040402.D
Acq: 26 Jun 2023 15:26

Tgt Ion:142 Resp: 1369
Ion Ratio Lower Upper
142 100
141 92.5 71.9 107.9

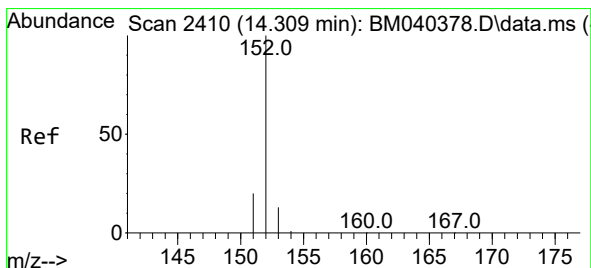
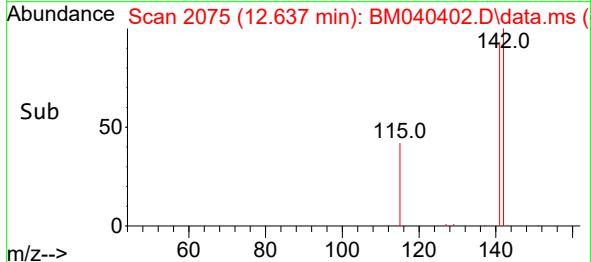
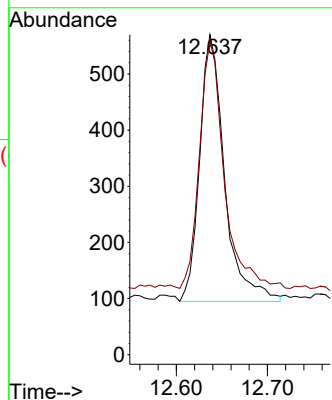
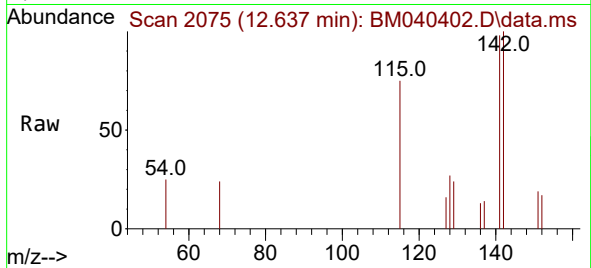




#8
1-Methylnaphthalene
Concen: 0.023 ng/ul
RT: 12.637 min Scan# 2075
Delta R.T. -0.005 min
Lab File: BM040402.D
Acq: 26 Jun 2023 15:26

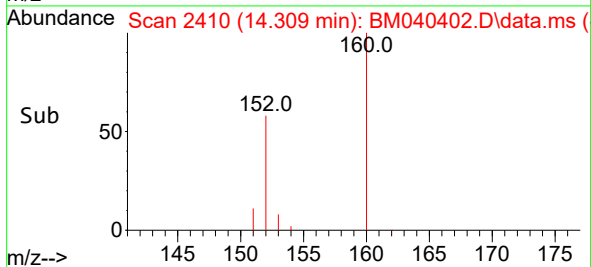
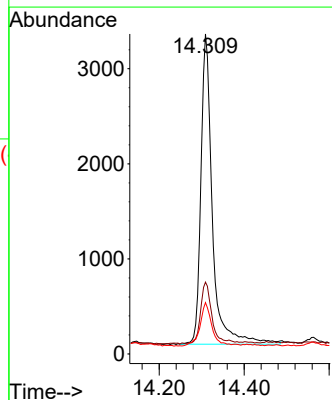
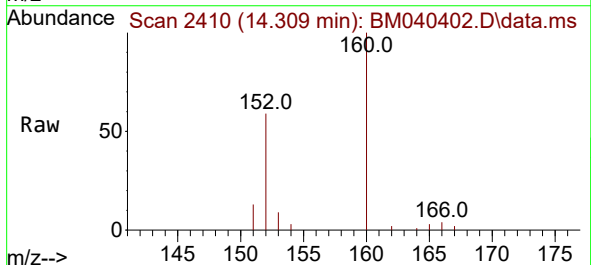
Instrument :
BNA_M
ClientSampleId :
DCFN0DL

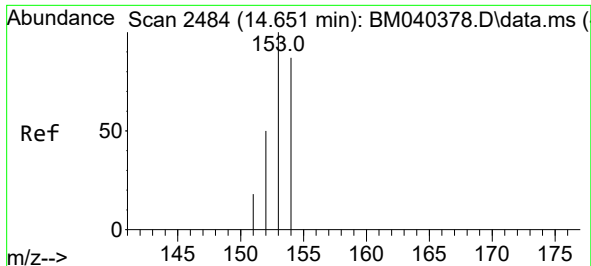
Tgt Ion:142 Resp: 904
Ion Ratio Lower Upper
142 100
141 91.2 73.7 110.5



#10
Acenaphthylene
Concen: 0.136 ng/ul
RT: 14.309 min Scan# 2410
Delta R.T. -0.005 min
Lab File: BM040402.D
Acq: 26 Jun 2023 15:26

Tgt Ion:152 Resp: 6140
Ion Ratio Lower Upper
152 100
151 22.4 16.2 24.2
153 16.1 10.9 16.3

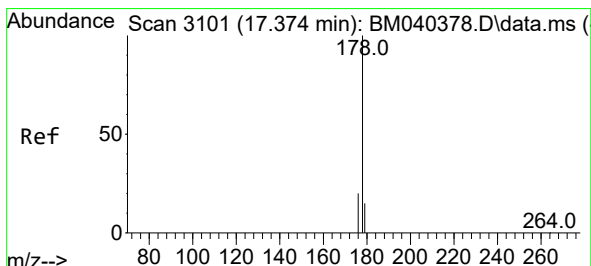
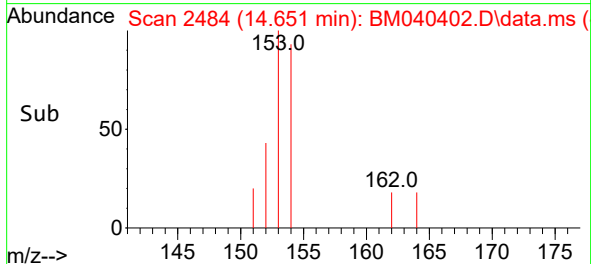
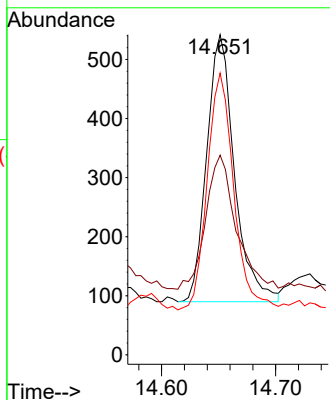
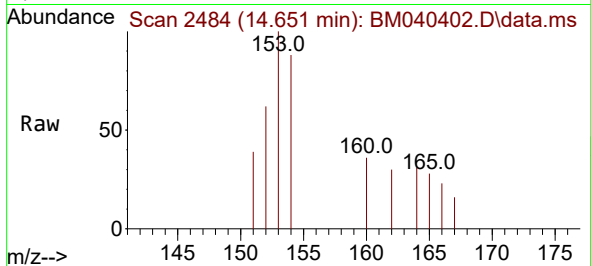




#11
Acenaphthene
Concen: 0.020 ng/ul
RT: 14.651 min Scan# 2484
Delta R.T. -0.004 min
Lab File: BM040402.D
Acq: 26 Jun 2023 15:26

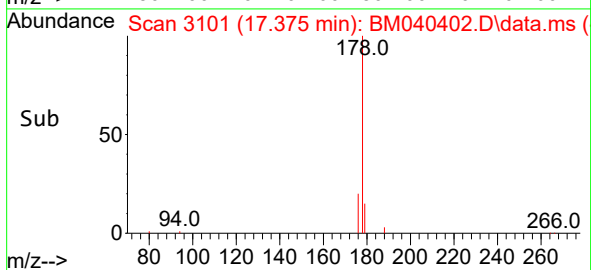
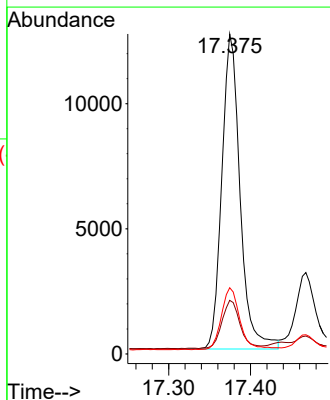
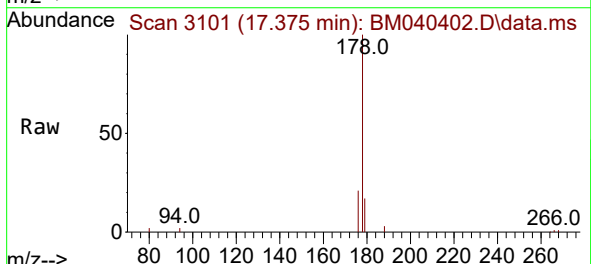
Instrument :
BNA_M
ClientSampleId :
DCFN0DL

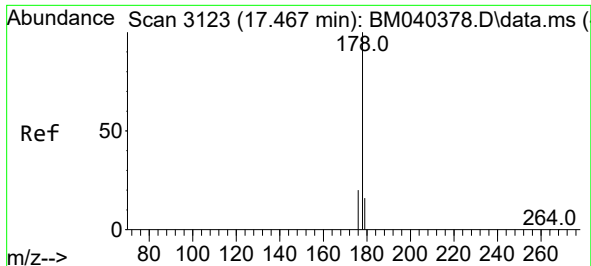
Tgt Ion:153 Resp: 763
Ion Ratio Lower Upper
153 100
152 62.4 41.0 61.4#
154 88.0 70.8 106.2



#15
Phenanthrene
Concen: 0.368 ng/ul
RT: 17.375 min Scan# 3101
Delta R.T. -0.004 min
Lab File: BM040402.D
Acq: 26 Jun 2023 15:26

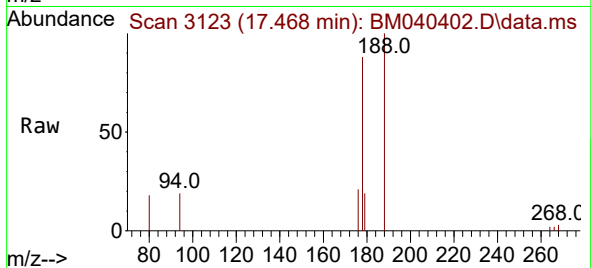
Tgt Ion:178 Resp: 19507
Ion Ratio Lower Upper
178 100
179 16.8 12.8 19.2
176 20.7 16.4 24.6



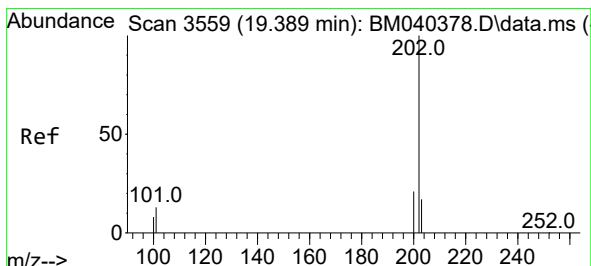
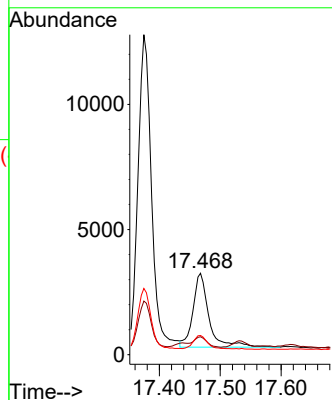
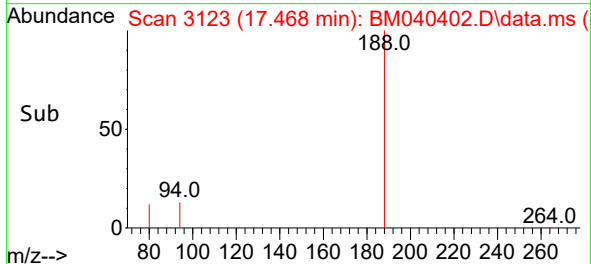


#16
Anthracene
Concen: 0.121 ng/ul
RT: 17.468 min Scan# 3123
Delta R.T. -0.004 min
Lab File: BM040402.D
Acq: 26 Jun 2023 15:26

Instrument :
BNA_M
ClientSampleId :
DCFN0DL

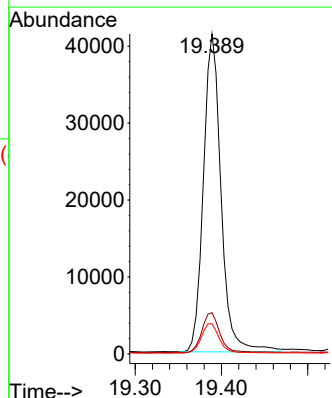
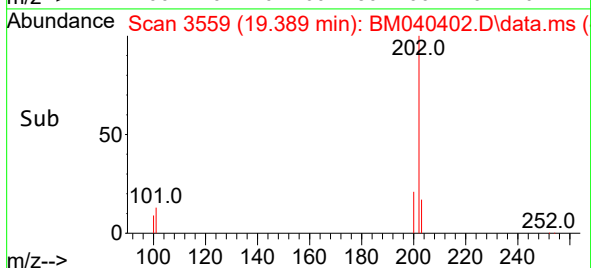
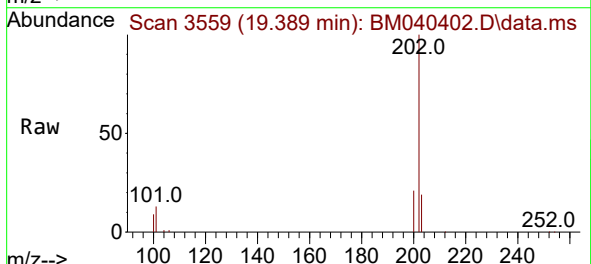


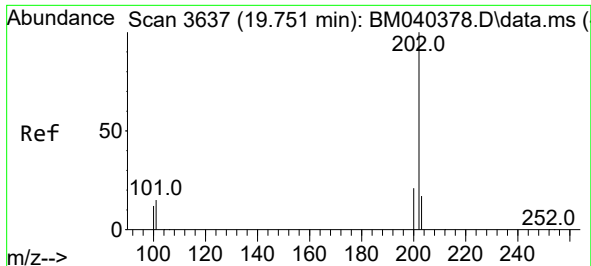
Tgt Ion:178 Resp: 5396
Ion Ratio Lower Upper
178 100
179 22.0 12.9 19.3#
176 23.6 15.8 23.6



#19
Fluoranthene
Concen: 1.131 ng/ul
RT: 19.389 min Scan# 3559
Delta R.T. 0.000 min
Lab File: BM040402.D
Acq: 26 Jun 2023 15:26

Tgt Ion:202 Resp: 58781
Ion Ratio Lower Upper
202 100
101 12.9 11.4 17.0
100 9.5 8.7 13.1

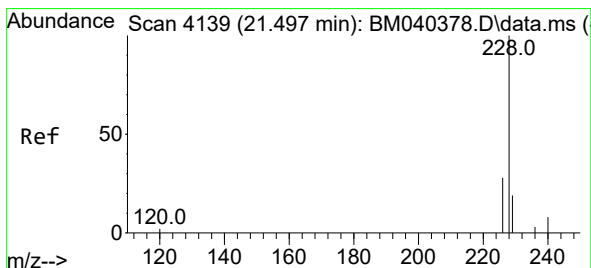
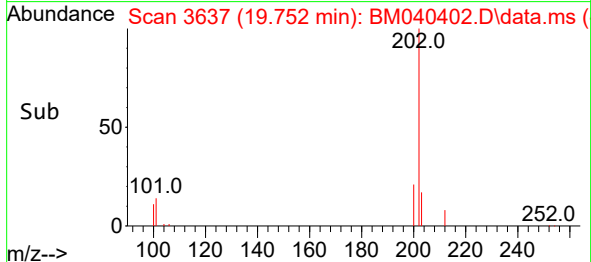
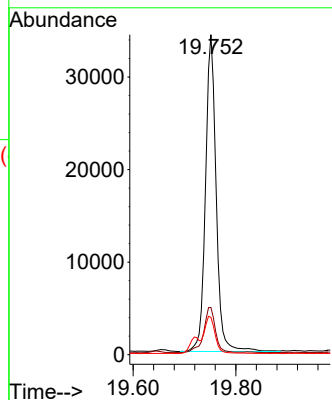
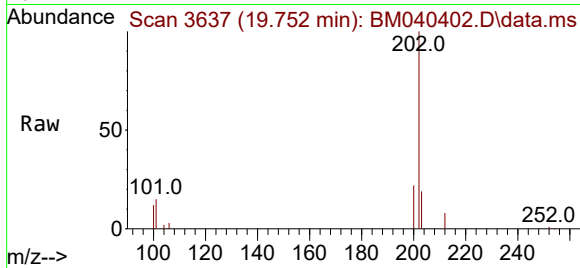




#20
Pyrene
Concen: 0.882 ng/ul
RT: 19.752 min Scan# 30
Delta R.T. -0.005 min
Lab File: BM040402.D
Acq: 26 Jun 2023 15:26

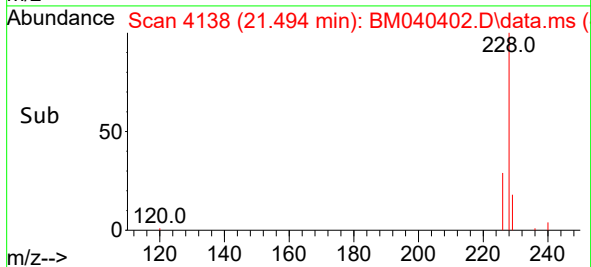
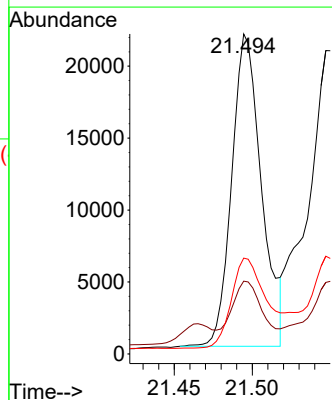
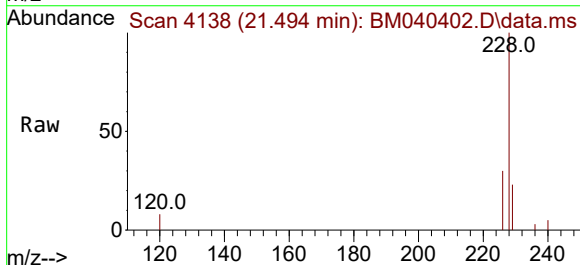
Instrument :
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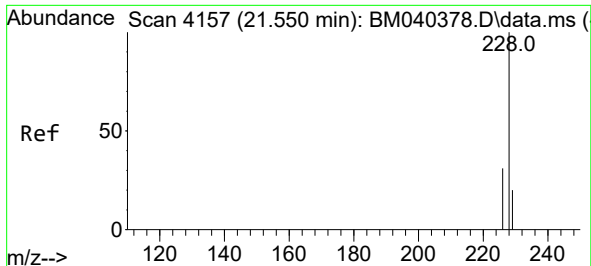
Tgt Ion:202 Resp: 49156
Ion Ratio Lower Upper
202 100
101 14.8 12.6 18.8
100 11.7 9.8 14.6



#21
Benzo(a)anthracene
Concen: 0.695 ng/ul
RT: 21.494 min Scan# 4138
Delta R.T. -0.006 min
Lab File: BM040402.D
Acq: 26 Jun 2023 15:26

Tgt Ion:228 Resp: 28785
Ion Ratio Lower Upper
228 100
229 22.8 16.0 24.0
226 30.0 22.3 33.5

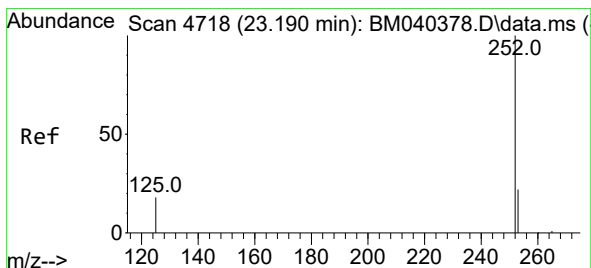
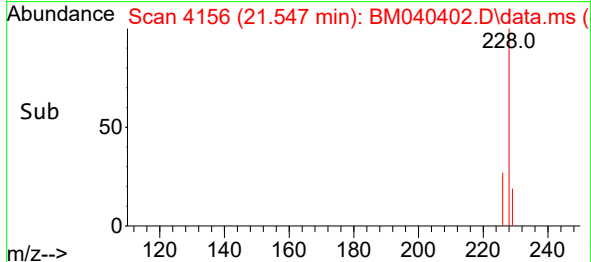
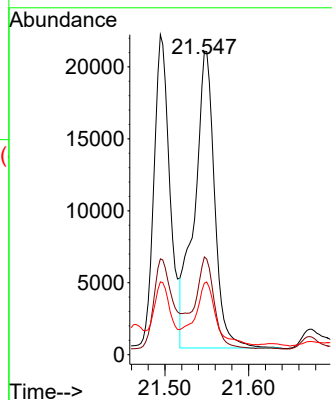
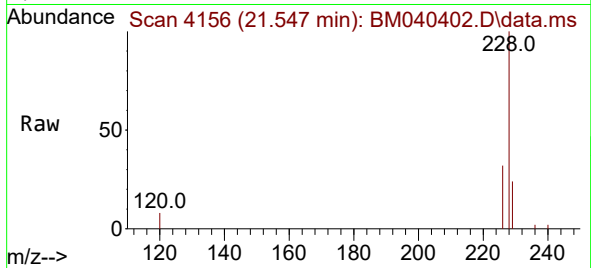




#22
Chrysene
Concen: 0.734 ng/ul
RT: 21.547 min Scan# 4157
Delta R.T. -0.006 min
Lab File: BM040402.D
Acq: 26 Jun 2023 15:26

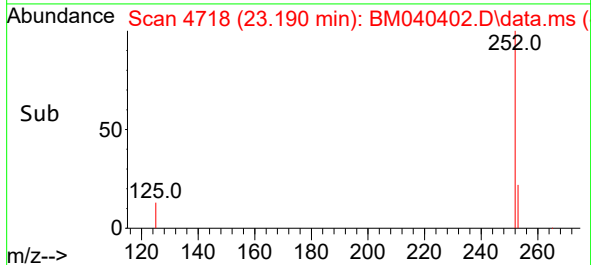
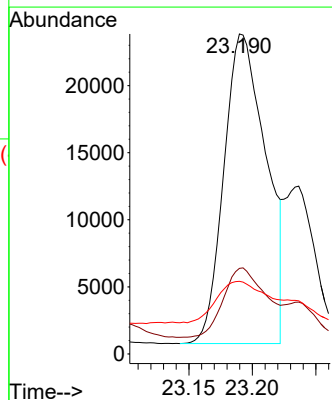
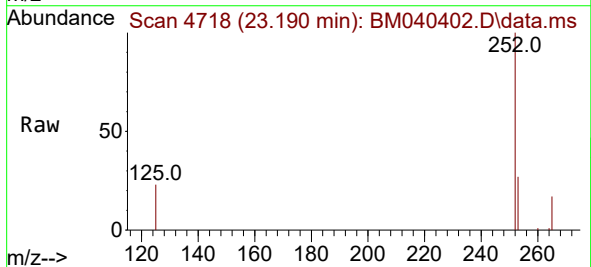
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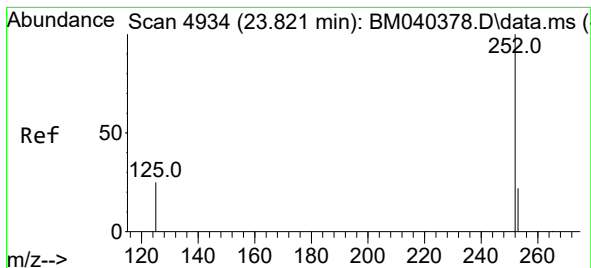
Tgt Ion:228	Resp: 34681
Ion Ratio	Lower Upper
228 100	
226 32.3	24.9 37.3
229 23.6	15.8 23.6



#24
Benzo(b)fluoranthene
Concen: 1.064 ng/ul
RT: 23.190 min Scan# 4718
Delta R.T. -0.003 min
Lab File: BM040402.D
Acq: 26 Jun 2023 15:26

Tgt Ion:252	Resp: 53163
Ion Ratio	Lower Upper
252 100	
253 26.7	0.0 52.8
125 22.7	0.0 43.0

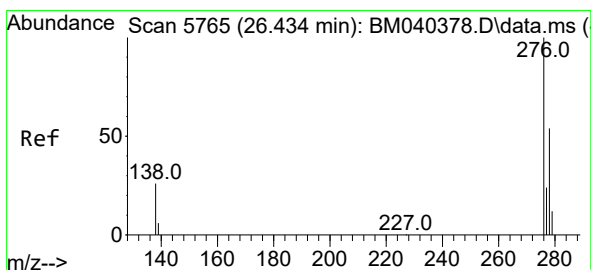
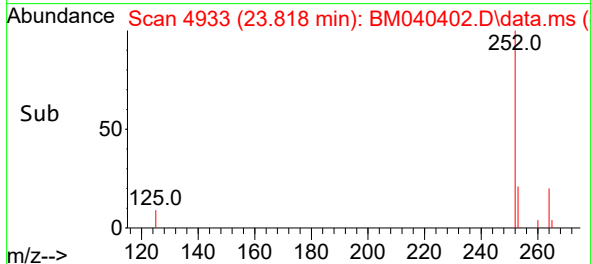
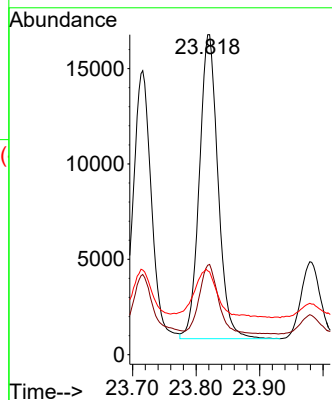
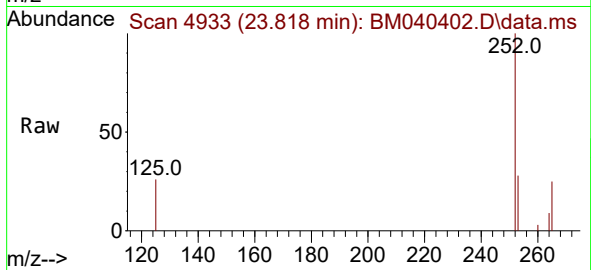




#26
Benzo(a)pyrene
Concen: 0.724 ng/ul
RT: 23.818 min Scan# 4933
Delta R.T. -0.006 min
Lab File: BM040402.D
Acq: 26 Jun 2023 15:26

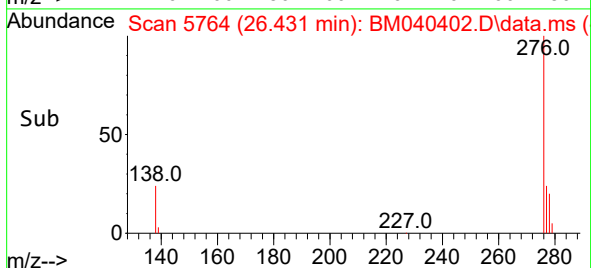
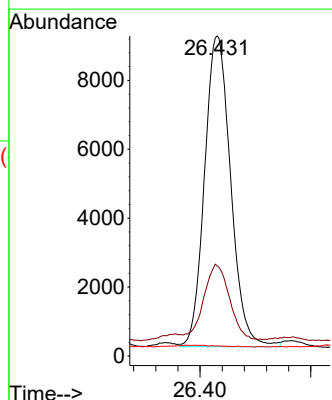
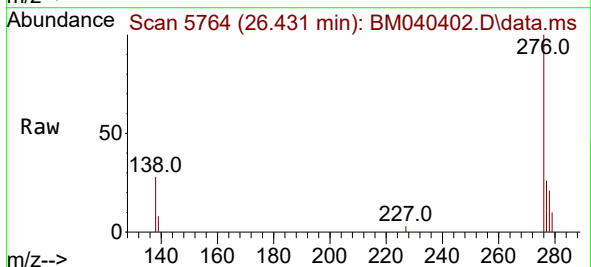
Instrument :
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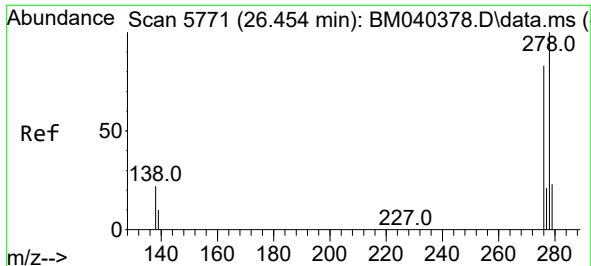
Tgt Ion:252 Resp: 32575
Ion Ratio Lower Upper
252 100
253 27.9 22.9 34.3
125 26.2 21.0 31.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.472 ng/ul
RT: 26.431 min Scan# 5764
Delta R.T. -0.003 min
Lab File: BM040402.D
Acq: 26 Jun 2023 15:26

Tgt Ion:276 Resp: 29568
Ion Ratio Lower Upper
276 100
138 24.4 24.5 36.7#
227 0.0 0.1 0.1#

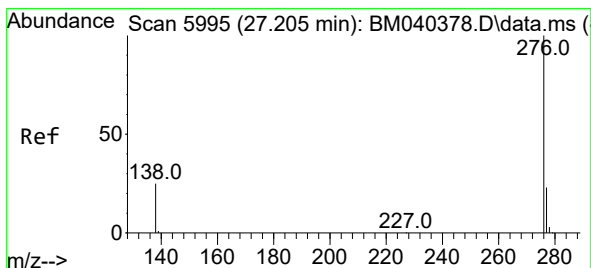
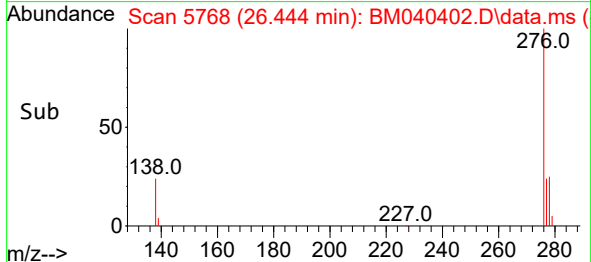
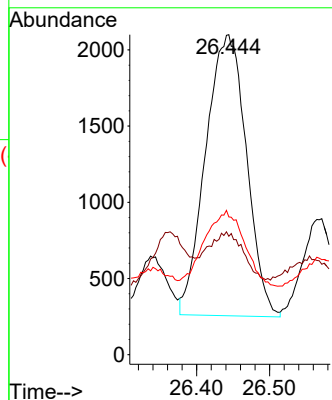
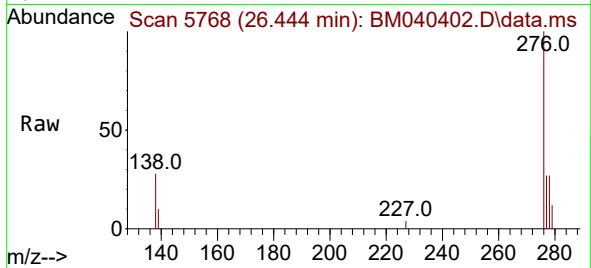




#28
 Dibenzo(a,h)anthracene
 Concen: 0.146 ng/ul
 RT: 26.444 min Scan# 51
 Delta R.T. -0.010 min
 Lab File: BM040402.D
 Acq: 26 Jun 2023 15:26

Instrument :
 BNA_M
 ClientSampleId :
 DCFN0DL

Tgt Ion:278 Resp: 7161
 Ion Ratio Lower Upper
 278 100
 139 37.0 17.9 26.9#
 279 43.0 22.0 33.0#



#29
 Benzo(g,h,i)perylene
 Concen: 0.502 ng/ul
 RT: 27.205 min Scan# 5995
 Delta R.T. 0.000 min
 Lab File: BM040402.D
 Acq: 26 Jun 2023 15:26

Tgt Ion:276 Resp: 27576
 Ion Ratio Lower Upper
 276 100
 138 28.9 23.0 34.6
 277 26.0 20.3 30.5

