

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062923\
 Data File : BM040446.D
 Acq On : 29 Jun 2023 20:28
 Operator : MA/JU
 Sample : 03143-10DL 5X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFU7DL

Quant Time: Jun 30 03:07:16 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)

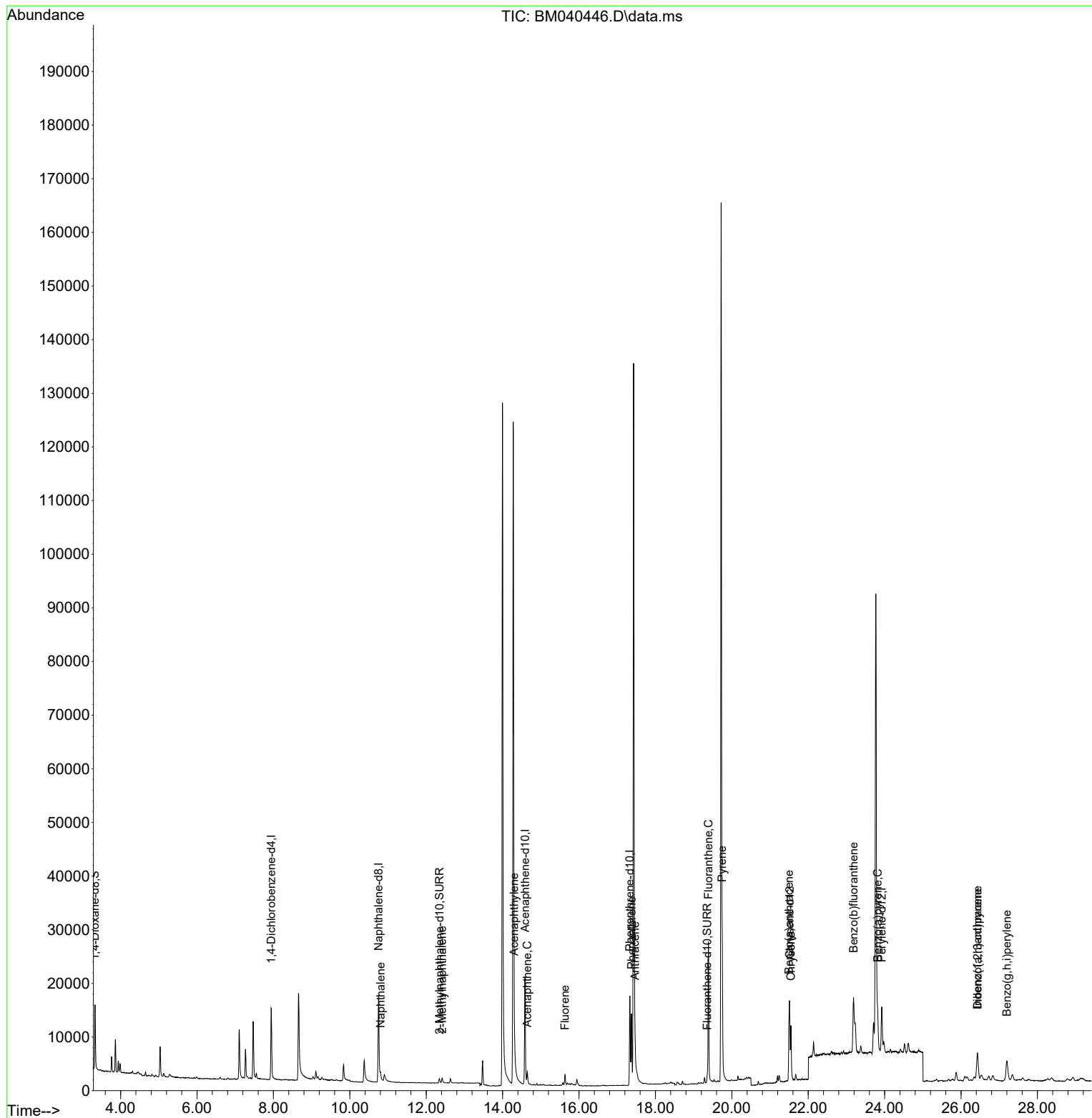
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	7511	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.751	136	26738	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.586	164	12299	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.332	188	21783	0.400	ng/ul	0.00
17) Chrysene-d12	21.512	240	11886	0.400	ng/ul	0.00
23) Perylene-d12	23.923	264	12233	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.329	96	7096	0.601	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.345	152	1498	0.040	ng/ul	0.00
18) Fluoranthene-d10	19.356	212	1780	0.047	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.806	128	1753	0.024	ng/ul#	76
7) 2-Methylnaphthalene	12.417	142	943	0.022	ng/ul	99
10) Acenaphthylene	14.304	152	1379	0.025	ng/ul#	72
11) Acenaphthene	14.647	153	1351	0.029	ng/ul	97
12) Fluorene	15.632	166	1425	0.029	ng/ul#	95
15) Phenanthrene	17.374	178	15847	0.234	ng/ul	99
16) Anthracene	17.463	178	3177	0.056	ng/ul#	85
19) Fluoranthene	19.389	202	25021	0.496	ng/ul	96
20) Pyrene	19.747	202	20007	0.370	ng/ul	98
21) Benzo(a)anthracene	21.494	228	9108	0.227	ng/ul	94
22) Chrysene	21.547	228	11559	0.252	ng/ul#	94
24) Benzo(b)fluoranthene	23.187	252	17227	0.364	ng/ul	81
26) Benzo(a)pyrene	23.815	252	9578	0.225	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	26.430	276	9302	0.157	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.434	278	2330	0.050	ng/ul#	32
29) Benzo(g,h,i)perylene	27.198	276	9315	0.179	ng/ul#	90

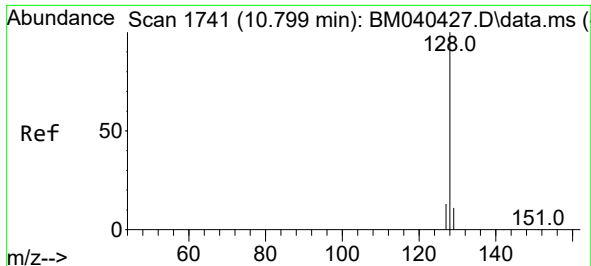
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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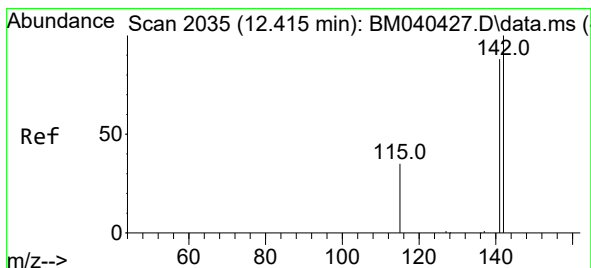
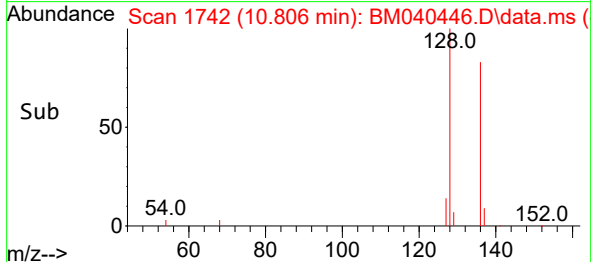
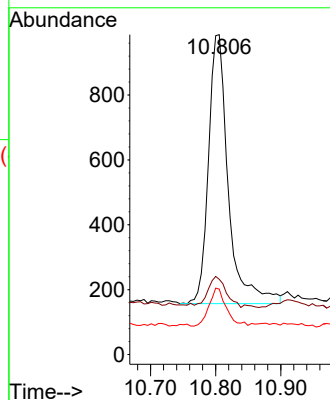
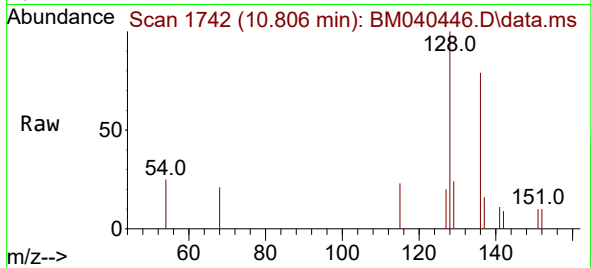




#5
Naphthalene
Concen: 0.024 ng/ul
RT: 10.806 min Scan# 1742
Delta R.T. -0.006 min
Lab File: BM040446.D
Acq: 29 Jun 2023 20:28

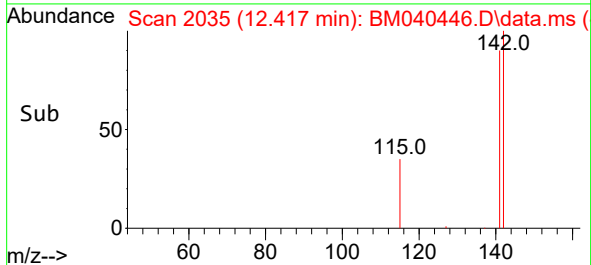
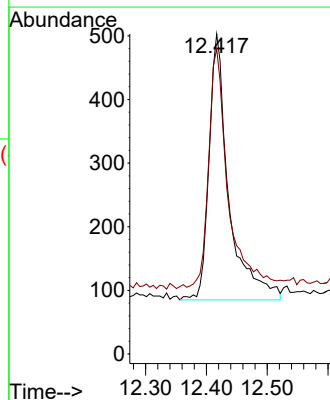
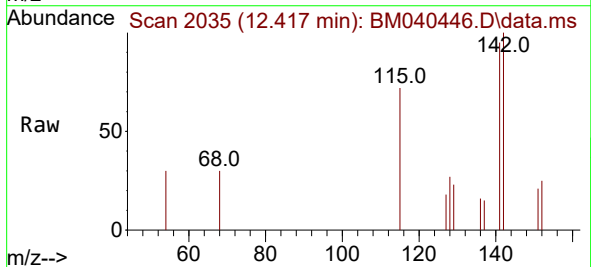
Instrument :
BNA_M
ClientSampleId :
DCFU7DL

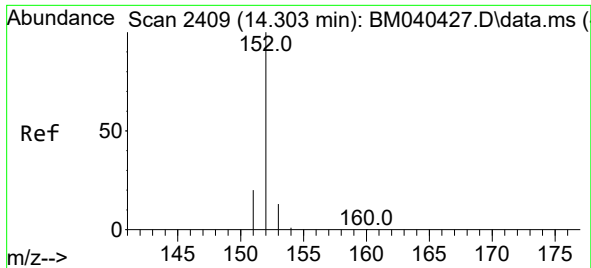
Tgt Ion:128 Resp: 1753
Ion Ratio Lower Upper
128 100
129 23.5 9.2 13.8#
127 20.5 10.6 15.8#



#7
2-Methylnaphthalene
Concen: 0.022 ng/ul
RT: 12.417 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BM040446.D
Acq: 29 Jun 2023 20:28

Tgt Ion:142 Resp: 943
Ion Ratio Lower Upper
142 100
141 88.8 71.9 107.9

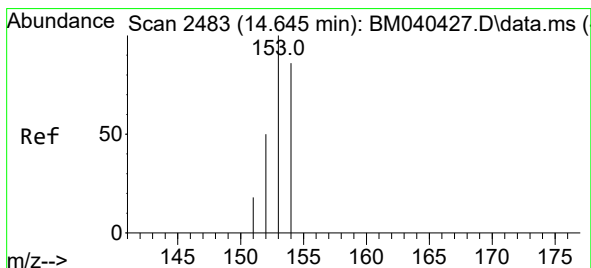
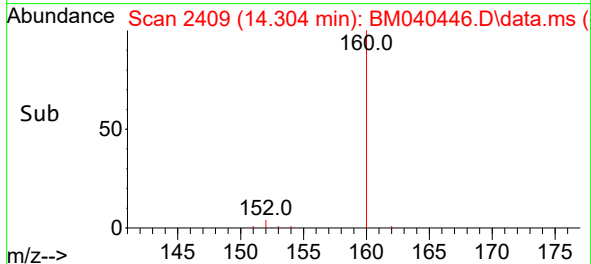
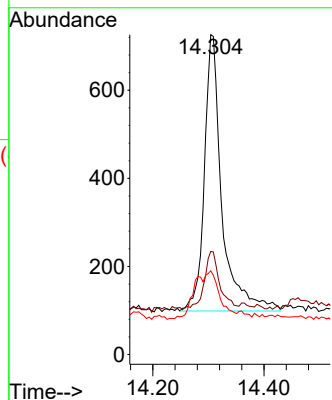
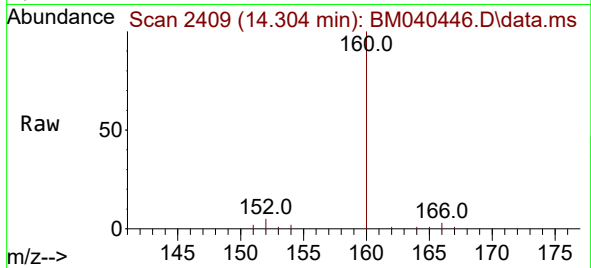




#10
Acenaphthylene
Concen: 0.025 ng/ul
RT: 14.304 min Scan# 2409
Delta R.T. -0.009 min
Lab File: BM040446.D
Acq: 29 Jun 2023 20:28

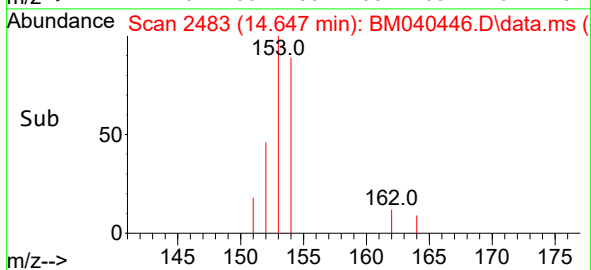
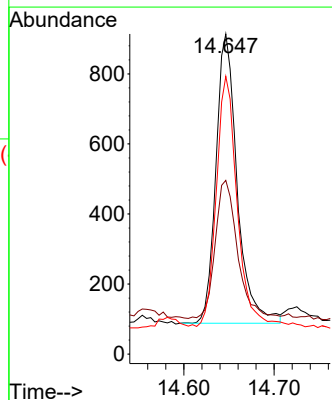
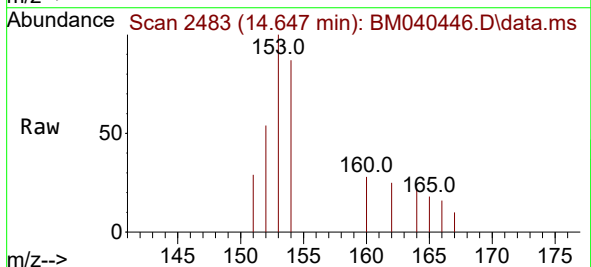
Instrument :
BNA_M
ClientSampleId :
DCFU7DL

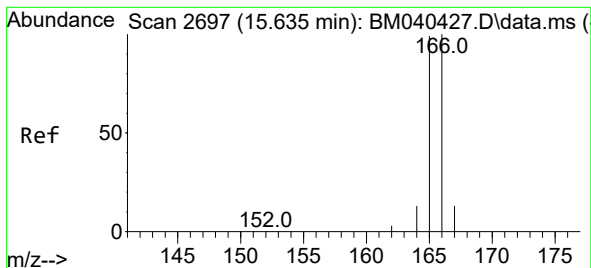
Tgt Ion:152 Resp: 1379
Ion Ratio Lower Upper
152 100
151 32.2 16.2 24.2#
153 26.2 10.9 16.3#



#11
Acenaphthene
Concen: 0.029 ng/ul
RT: 14.647 min Scan# 2483
Delta R.T. -0.009 min
Lab File: BM040446.D
Acq: 29 Jun 2023 20:28

Tgt Ion:153 Resp: 1351
Ion Ratio Lower Upper
153 100
152 54.3 41.0 61.4
154 86.8 70.8 106.2





#12

Fluorene

Concen: 0.029 ng/ul

RT: 15.632 min Scan# 2

Delta R.T. -0.009 min

Lab File: BM040446.D

Acq: 29 Jun 2023 20:28

Instrument :

BNA_M

ClientSampleId :

DCFU7DL

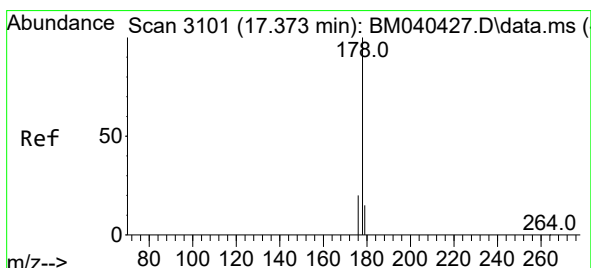
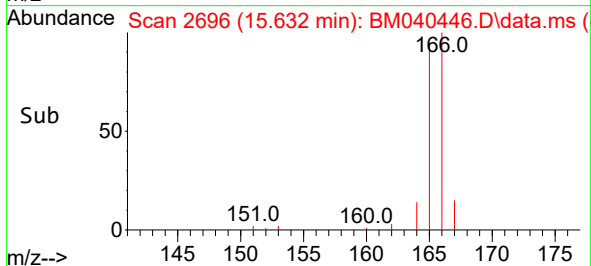
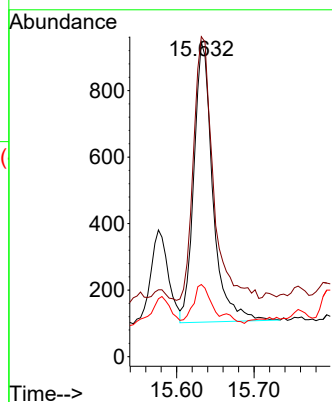
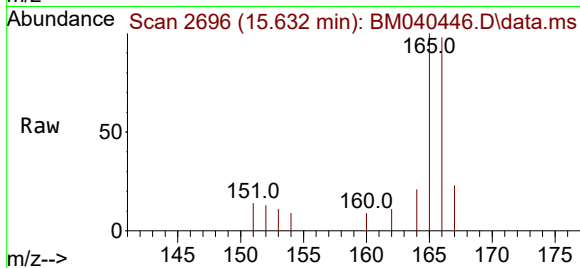
Tgt Ion:166 Resp: 1425

Ion Ratio Lower Upper

166 100

165 101.8 79.6 119.4

167 23.0 11.4 17.0#



#15

Phenanthrene

Concen: 0.234 ng/ul

RT: 17.374 min Scan# 3101

Delta R.T. -0.004 min

Lab File: BM040446.D

Acq: 29 Jun 2023 20:28

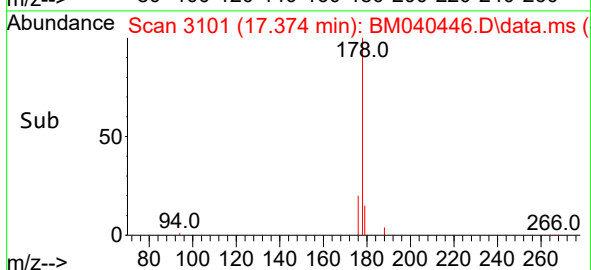
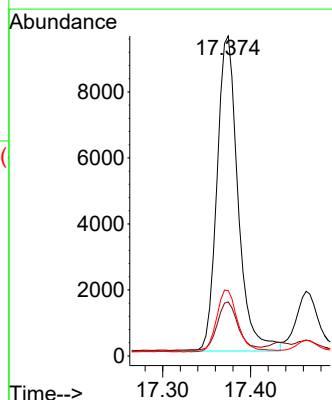
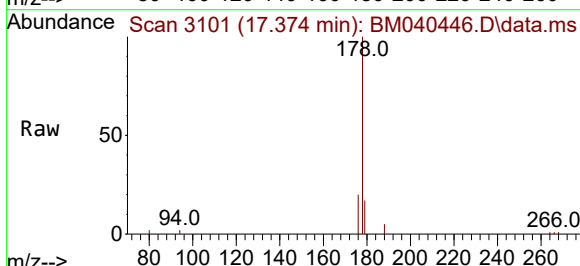
Tgt Ion:178 Resp: 15847

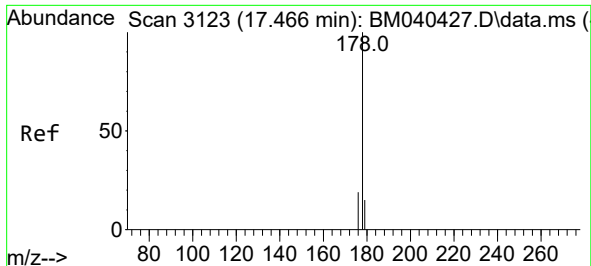
Ion Ratio Lower Upper

178 100

179 16.9 12.8 19.2

176 20.4 16.4 24.6

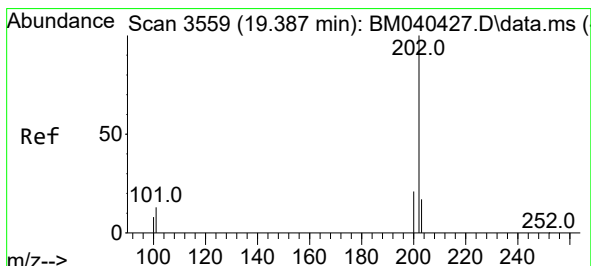
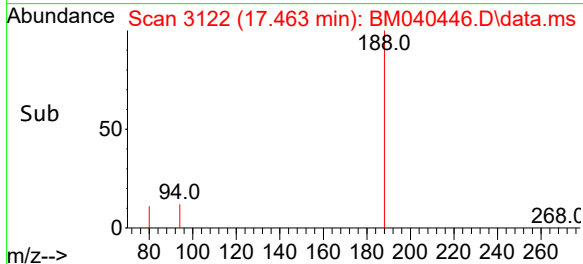
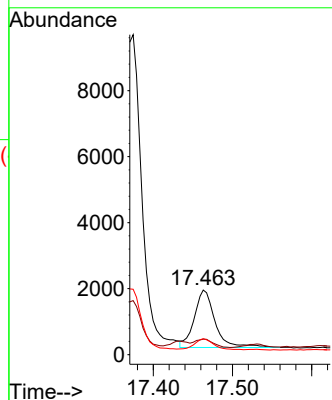
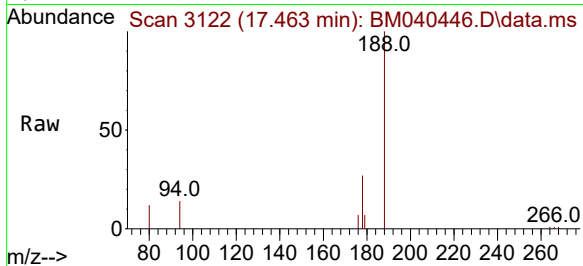




#16
 Anthracene
 Concen: 0.056 ng/ul
 RT: 17.463 min Scan# 3122
 Delta R.T. -0.008 min
 Lab File: BM040446.D
 Acq: 29 Jun 2023 20:28

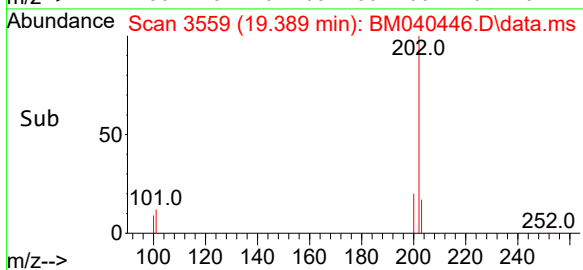
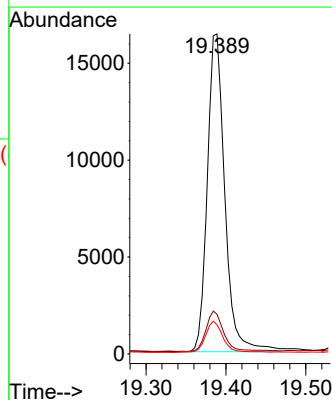
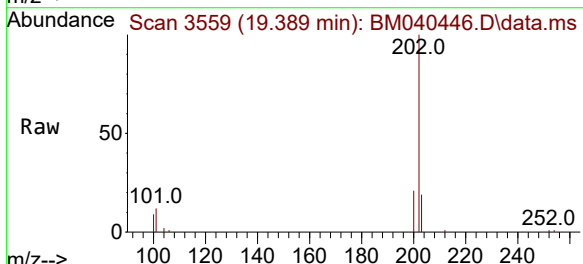
Instrument :
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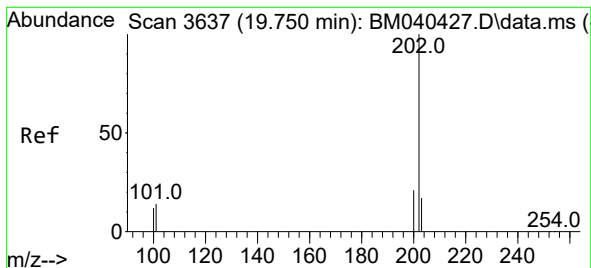
Tgt Ion:178 Resp: 3177
 Ion Ratio Lower Upper
 178 100
 179 24.1 12.9 19.3#
 176 24.9 15.8 23.6#



#19
 Fluoranthene
 Concen: 0.496 ng/ul
 RT: 19.389 min Scan# 3559
 Delta R.T. -0.000 min
 Lab File: BM040446.D
 Acq: 29 Jun 2023 20:28

Tgt Ion:202 Resp: 25021
 Ion Ratio Lower Upper
 202 100
 101 12.4 11.4 17.0
 100 9.1 8.7 13.1





#20

Pyrene

Concen: 0.370 ng/ul

RT: 19.747 min Scan# 30

Delta R.T. -0.009 min

Lab File: BM040446.D

Acq: 29 Jun 2023 20:28

Instrument :

BNA_M

ClientSampleId :

DCFU7DL

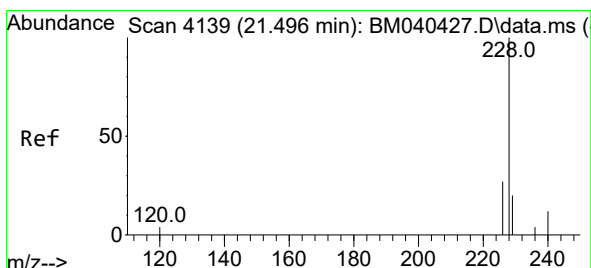
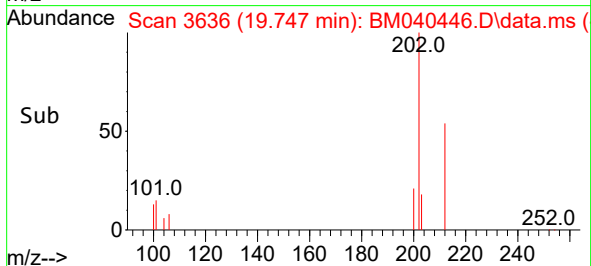
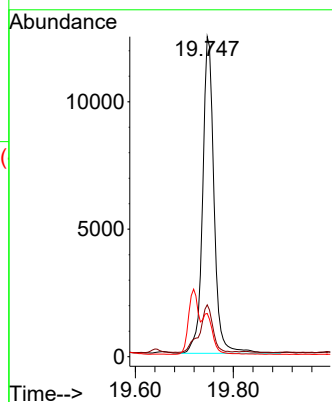
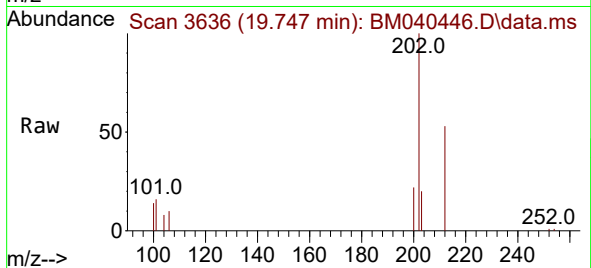
Tgt Ion:202 Resp: 20007

Ion Ratio Lower Upper

202 100

101 16.2 12.6 18.8

100 13.5 9.8 14.6



#21

Benzo(a)anthracene

Concen: 0.227 ng/ul

RT: 21.494 min Scan# 4138

Delta R.T. -0.006 min

Lab File: BM040446.D

Acq: 29 Jun 2023 20:28

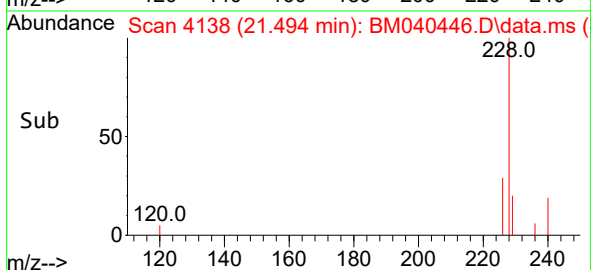
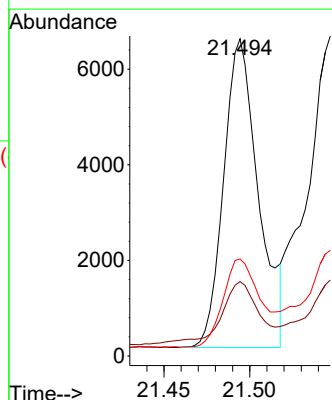
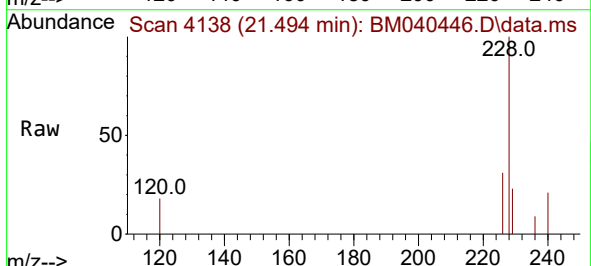
Tgt Ion:228 Resp: 9108

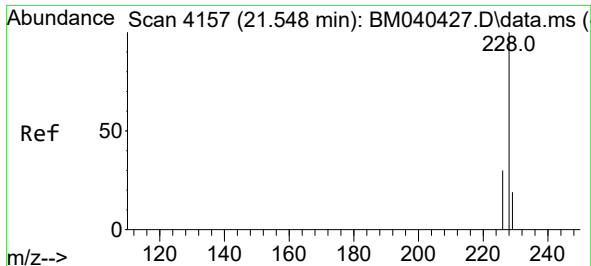
Ion Ratio Lower Upper

228 100

229 23.5 16.0 24.0

226 30.6 22.3 33.5





#22

Chrysene

Concen: 0.252 ng/ul

RT: 21.547 min Scan# 41

Delta R.T. -0.006 min

Lab File: BM040446.D

Acq: 29 Jun 2023 20:28

Instrument :

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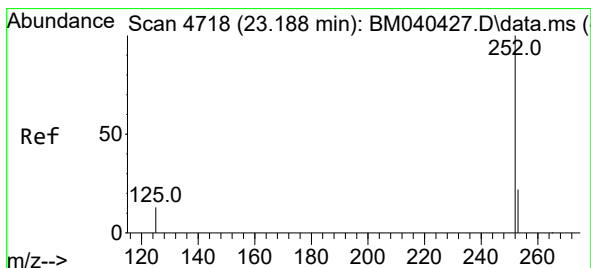
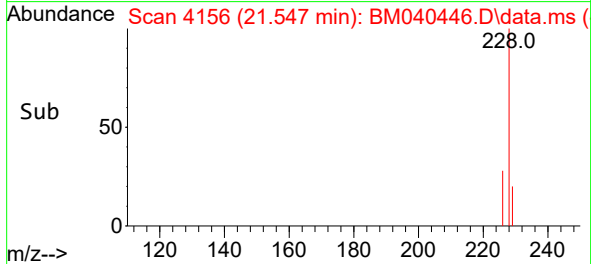
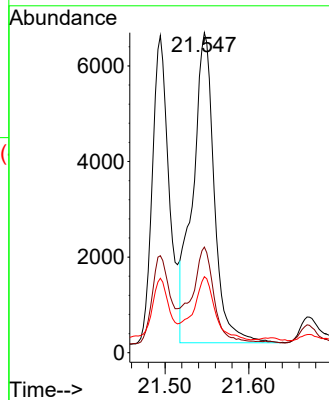
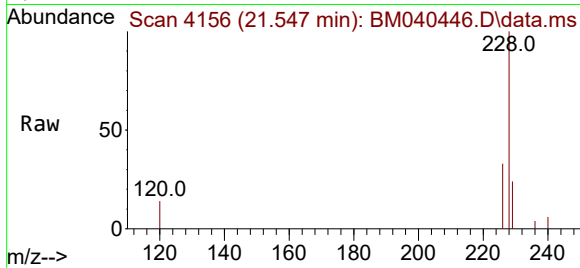
Tgt Ion:228 Resp: 11559

Ion Ratio Lower Upper

228 100

226 33.0 24.9 37.3

229 23.7 15.8 23.6#



#24

Benzo(b)fluoranthene

Concen: 0.364 ng/ul

RT: 23.187 min Scan# 4717

Delta R.T. -0.006 min

Lab File: BM040446.D

Acq: 29 Jun 2023 20:28

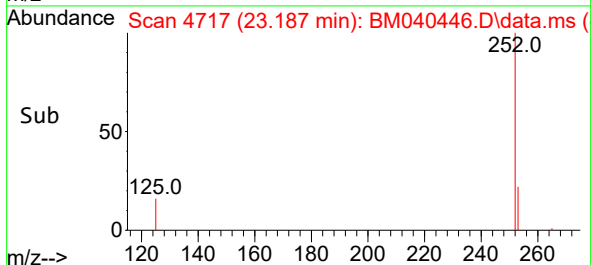
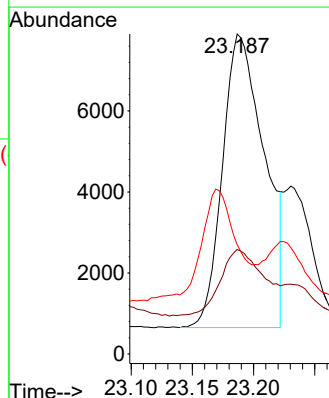
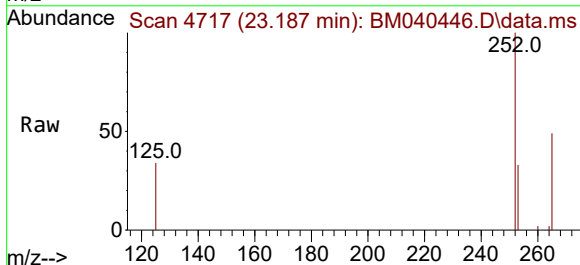
Tgt Ion:252 Resp: 17227

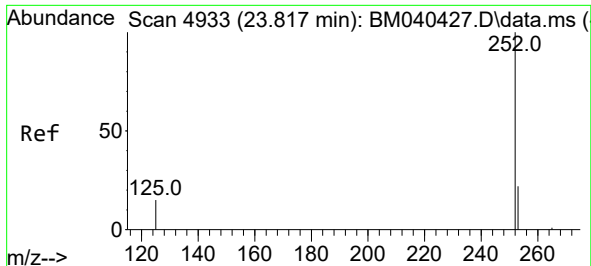
Ion Ratio Lower Upper

252 100

253 32.6 0.0 52.8

125 34.2 0.0 43.0

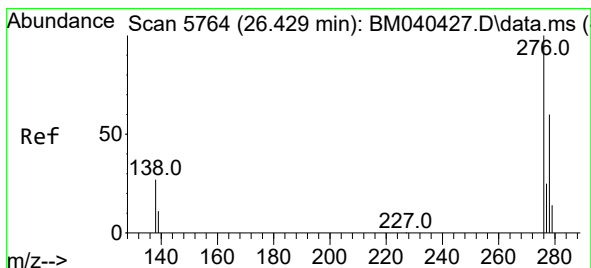
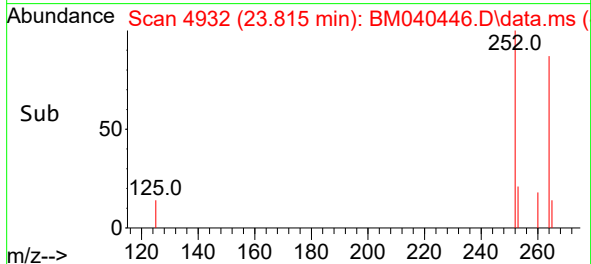
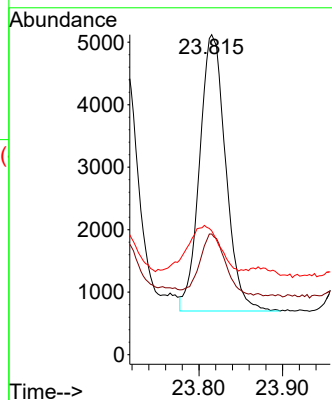
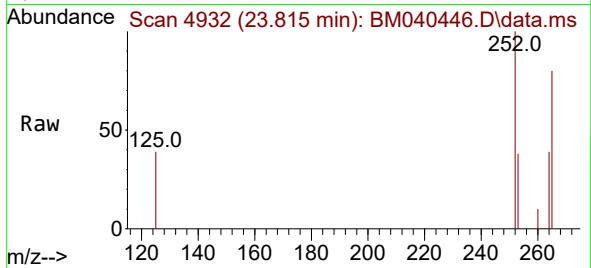




#26
Benzo(a)pyrene
Concen: 0.225 ng/ul
RT: 23.815 min Scan# 4933
Delta R.T. -0.009 min
Lab File: BM040446.D
Acq: 29 Jun 2023 20:28

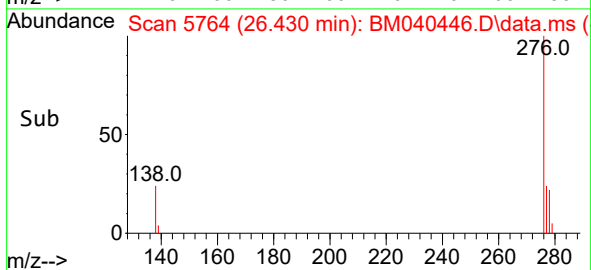
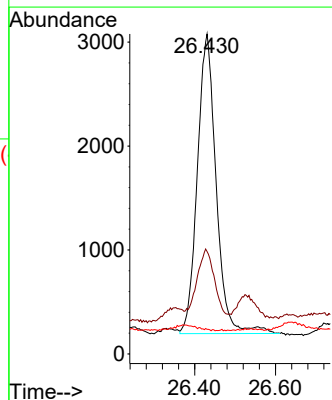
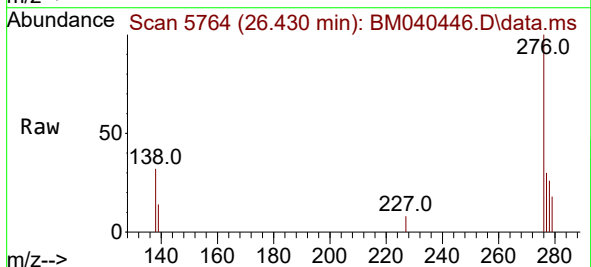
Instrument :
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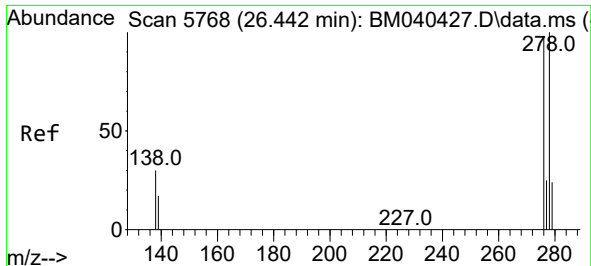
Tgt Ion:252 Resp: 9578
Ion Ratio Lower Upper
252 100
253 37.7 22.9 34.3#
125 38.7 21.0 31.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.157 ng/ul
RT: 26.430 min Scan# 5764
Delta R.T. -0.003 min
Lab File: BM040446.D
Acq: 29 Jun 2023 20:28

Tgt Ion:276 Resp: 9302
Ion Ratio Lower Upper
276 100
138 23.0 24.5 36.7#
227 0.0 0.1 0.1#

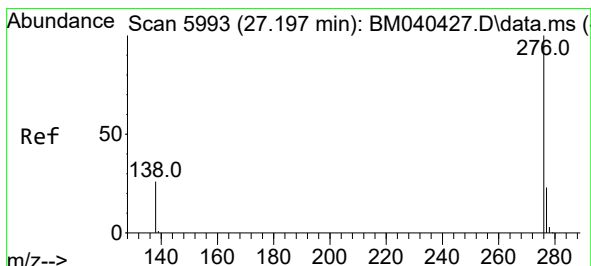
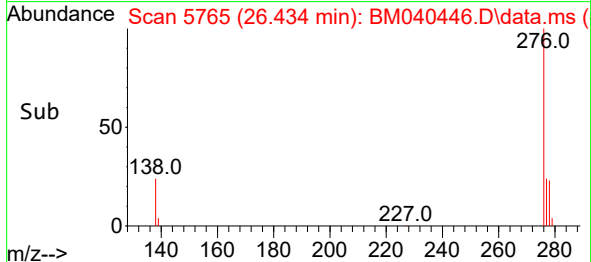
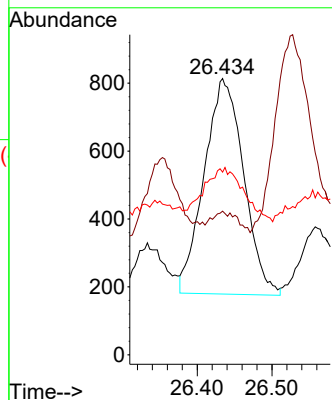
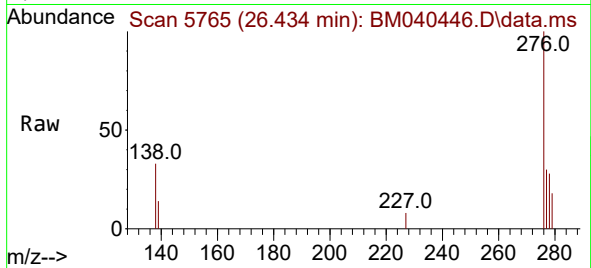




#28
 Dibenzo(a,h)anthracene
 Concen: 0.050 ng/ul
 RT: 26.434 min Scan# 51
 Delta R.T. -0.020 min
 Lab File: BM040446.D
 Acq: 29 Jun 2023 20:28

Instrument :
 BNA_M
 ClientSampleId :
 DCFU7DL

Tgt Ion:278 Resp: 2330
 Ion Ratio Lower Upper
 278 100
 139 52.0 17.9 26.9#
 279 66.1 22.0 33.0#



#29
 Benzo(g,h,i)perylene
 Concen: 0.179 ng/ul
 RT: 27.198 min Scan# 5993
 Delta R.T. -0.007 min
 Lab File: BM040446.D
 Acq: 29 Jun 2023 20:28

Tgt Ion:276 Resp: 9315
 Ion Ratio Lower Upper
 276 100
 138 33.9 23.0 34.6
 277 30.6 20.3 30.5#

