

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042723\
 Data File : BM039767.D
 Acq On : 29 Apr 2023 10:20
 Operator : CG/JU
 Sample : 02417-14DL 5X
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW8X1DL

Quant Time: May 01 01:33:48 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 29 04:28:45 2023
 Response via : Initial Calibration

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

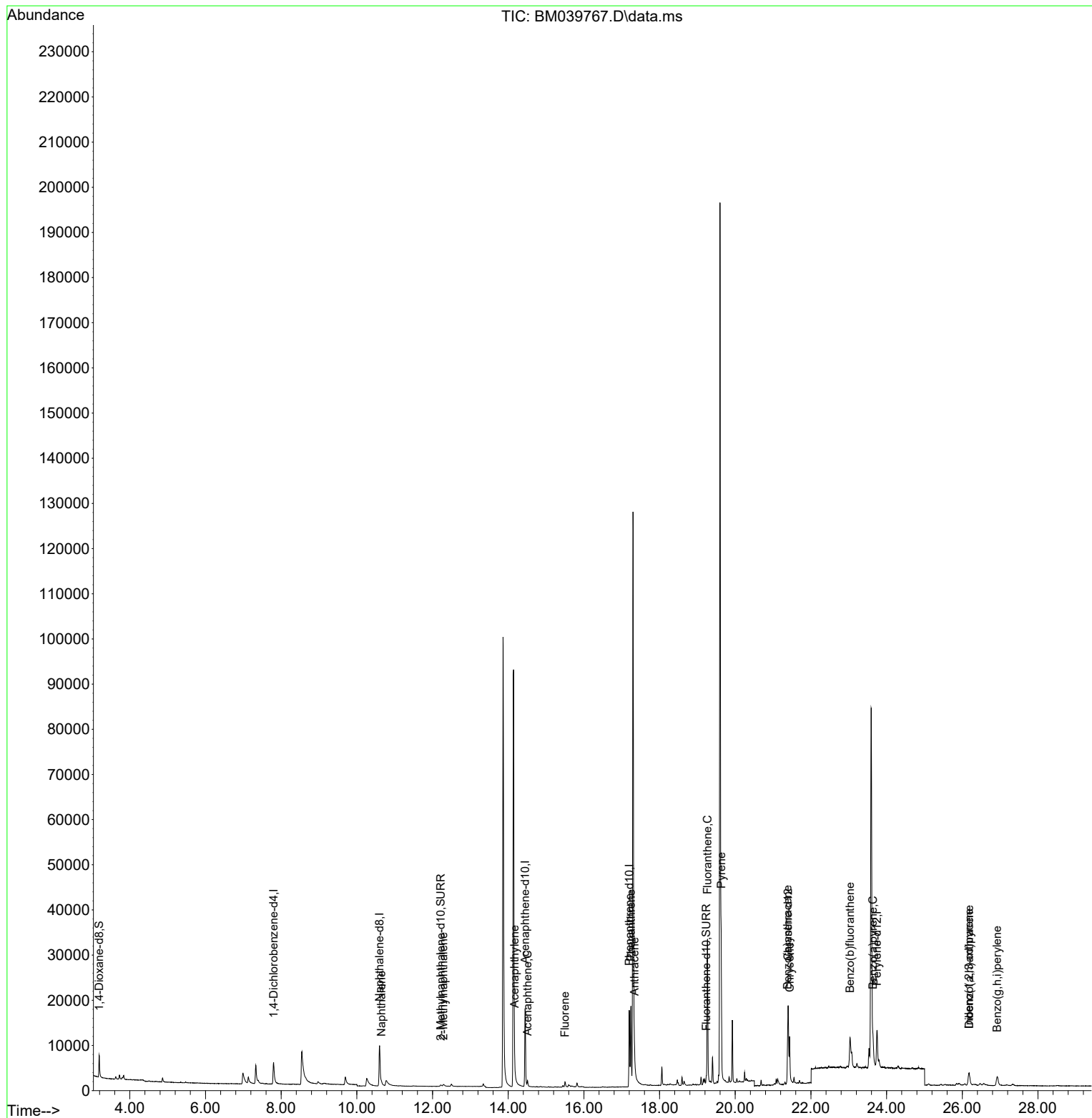
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.800	152	4115	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.600	136	16400	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.446	164	10304	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.200	188	21458	0.400	ng/ul	0.00
17) Chrysene-d12	21.398	240	14561	0.400	ng/ul	0.00
23) Perylene-d12	23.748	264	11596	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.188	96	3241	0.534	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.217	152	971	0.046	ng/ul	0.02
18) Fluoranthene-d10	19.234	212	2115	0.054	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.650	128	925	0.022	ng/ul#	65
7) 2-Methylnaphthalene	12.283	142	646	0.027	ng/ul	97
10) Acenaphthylene	14.168	152	1022	0.026	ng/ul#	71
11) Acenaphthene	14.511	153	735	0.023	ng/ul	96
12) Fluorene	15.501	166	932	0.027	ng/ul#	95
15) Phenanthrene	17.242	178	20069	0.355	ng/ul	100
16) Anthracene	17.335	178	3292	0.068	ng/ul#	86
19) Fluoranthene	19.266	202	30264	0.583	ng/ul	99
20) Pyrene	19.629	202	26664	0.475	ng/ul	99
21) Benzo(a)anthracene	21.383	228	10018	0.239	ng/ul#	93
22) Chrysene	21.436	228	10249	0.216	ng/ul	95
24) Benzo(b)fluoranthene	23.035	252	12397	0.304	ng/ul	77
26) Benzo(a)pyrene	23.640	252	7173	0.196	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	26.176	276	5750	0.124	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.182	278	1255	0.035	ng/ul#	1
29) Benzo(g,h,i)perylene	26.924	276	4838	0.120	ng/ul#	86

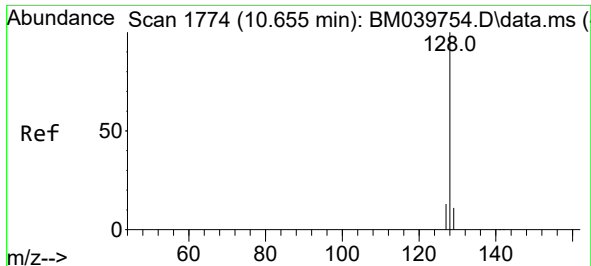
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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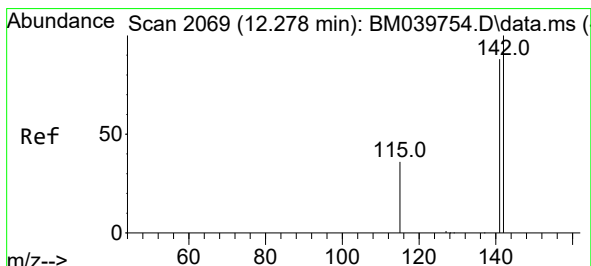
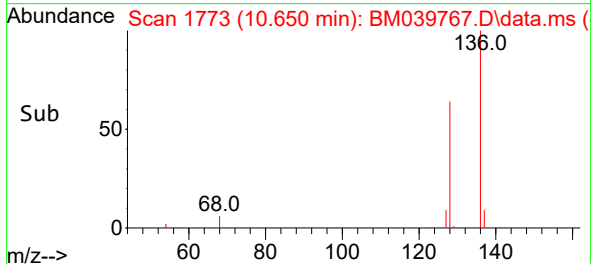
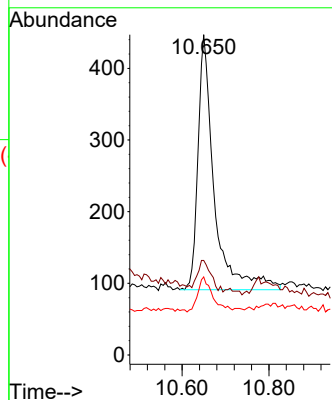
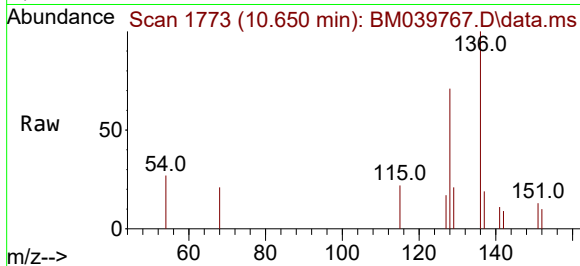




#5
Naphthalene
Concen: 0.022 ng/ul
RT: 10.650 min Scan# 11
Delta R.T. -0.005 min
Lab File: BM039767.D
Acq: 29 Apr 2023 10:20

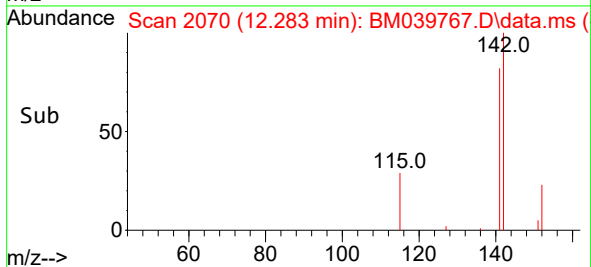
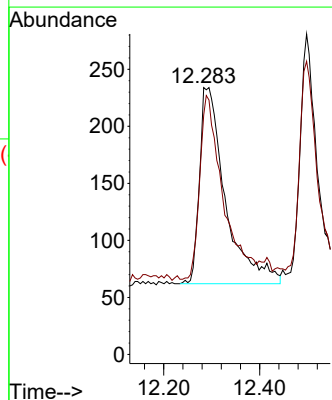
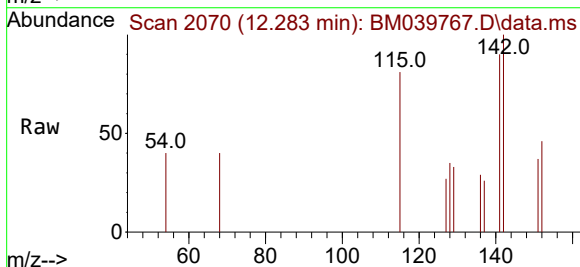
Instrument :
BNA_M
ClientSampleId :
EW8X1DL

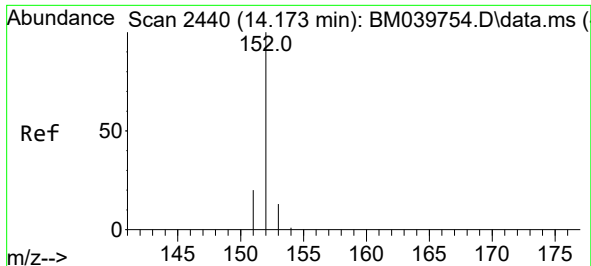
Tgt Ion:128 Resp: 925
Ion Ratio Lower Upper
128 100
129 29.5 9.8 14.6#
127 24.4 11.1 16.7#



#7
2-Methylnaphthalene
Concen: 0.027 ng/ul
RT: 12.283 min Scan# 2070
Delta R.T. 0.006 min
Lab File: BM039767.D
Acq: 29 Apr 2023 10:20

Tgt Ion:142 Resp: 646
Ion Ratio Lower Upper
142 100
141 88.9 73.2 109.8

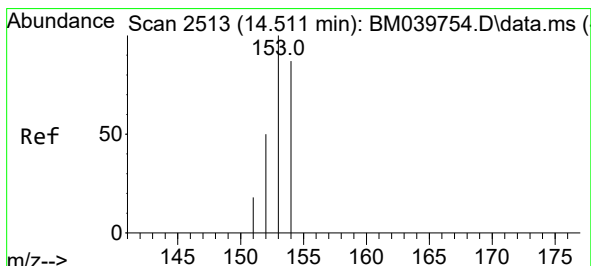
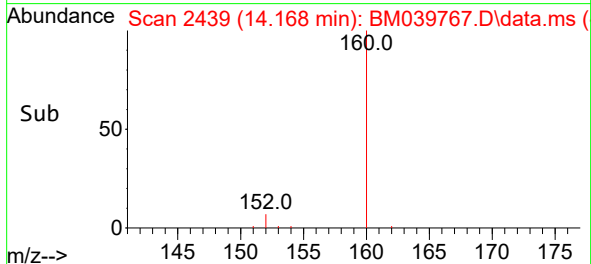
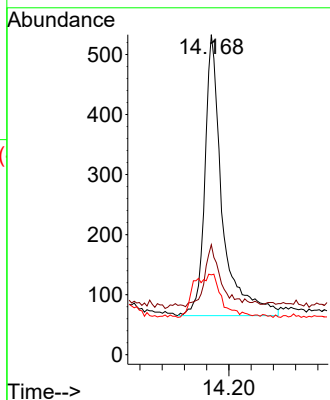
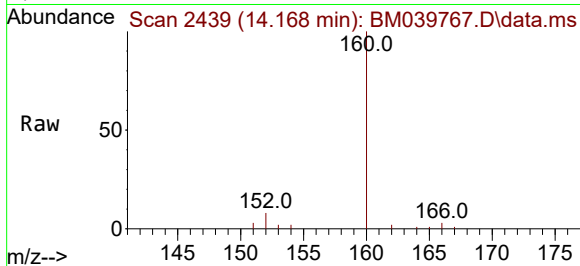




#10
Acenaphthylene
Concen: 0.026 ng/ul
RT: 14.168 min Scan# 2440
Delta R.T. -0.005 min
Lab File: BM039767.D
Acq: 29 Apr 2023 10:20

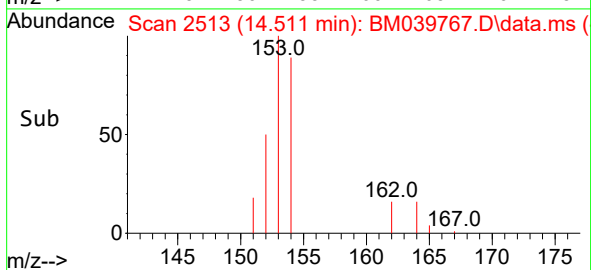
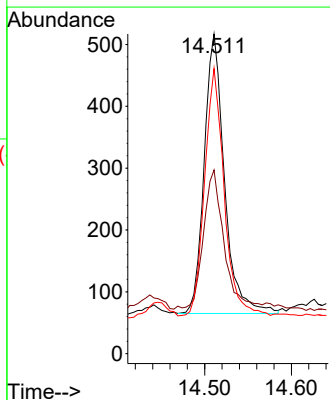
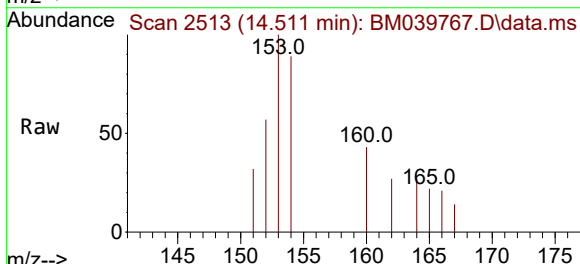
Instrument :
BNA_M
ClientSampleId :
EW8X1DL

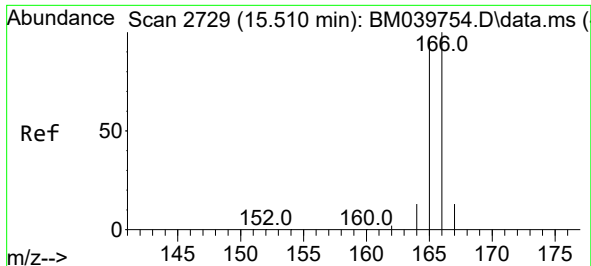
Tgt Ion:152 Resp: 1022
Ion Ratio Lower Upper
152 100
151 34.3 16.0 24.0#
153 25.0 11.2 16.8#



#11
Acenaphthene
Concen: 0.023 ng/ul
RT: 14.511 min Scan# 2513
Delta R.T. 0.000 min
Lab File: BM039767.D
Acq: 29 Apr 2023 10:20

Tgt Ion:153 Resp: 735
Ion Ratio Lower Upper
153 100
152 57.4 40.6 61.0
154 89.2 71.9 107.9

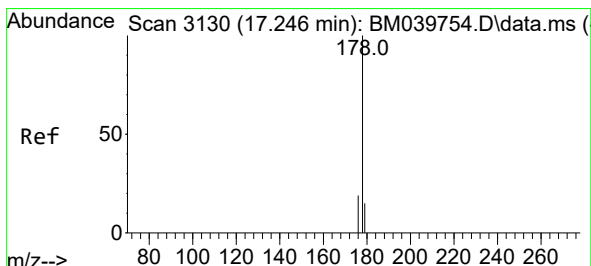
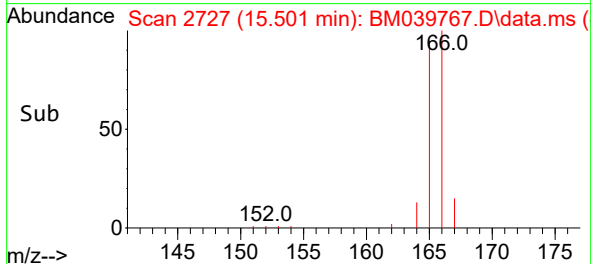
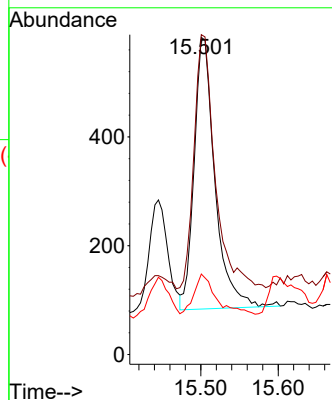
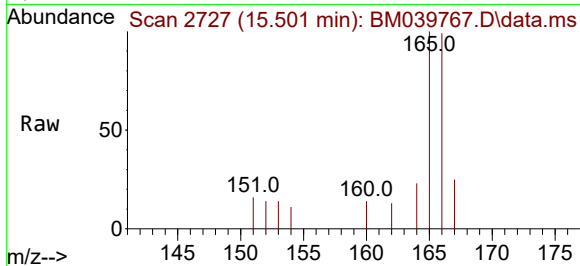




#12
Fluorene
Concen: 0.027 ng/ul
RT: 15.501 min Scan# 21
Delta R.T. -0.009 min
Lab File: BM039767.D
Acq: 29 Apr 2023 10:20

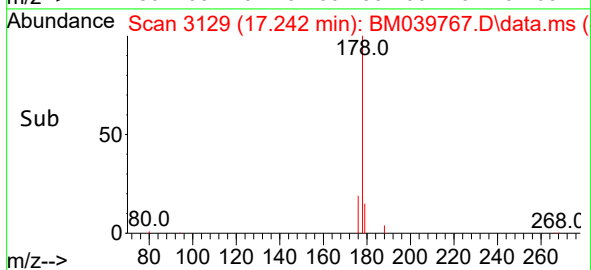
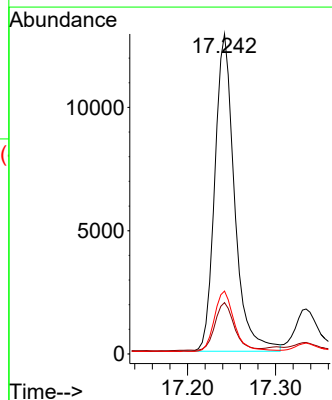
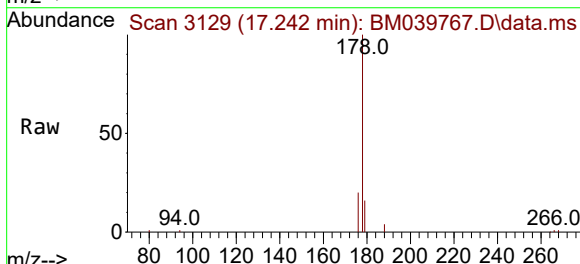
Instrument :
BNA_M
ClientSampleId :
EW8X1DL

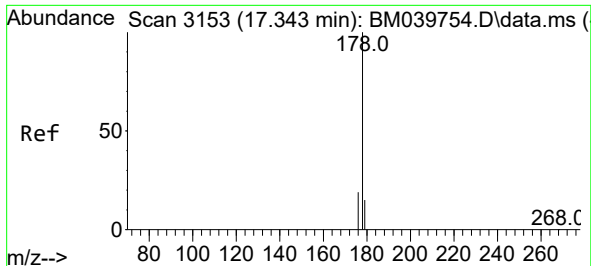
Tgt Ion:166 Resp: 932
Ion Ratio Lower Upper
166 100
165 100.9 79.0 118.6
167 25.4 11.8 17.6#



#15
Phenanthrene
Concen: 0.355 ng/ul
RT: 17.242 min Scan# 3129
Delta R.T. -0.004 min
Lab File: BM039767.D
Acq: 29 Apr 2023 10:20

Tgt Ion:178 Resp: 20069
Ion Ratio Lower Upper
178 100
179 16.0 13.0 19.6
176 19.7 15.8 23.8

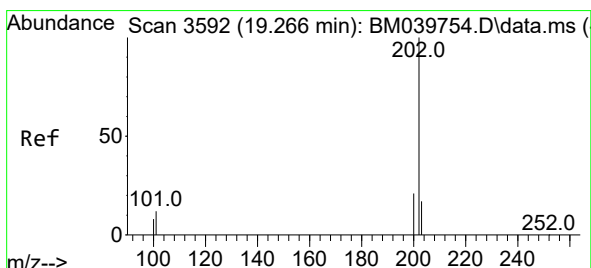
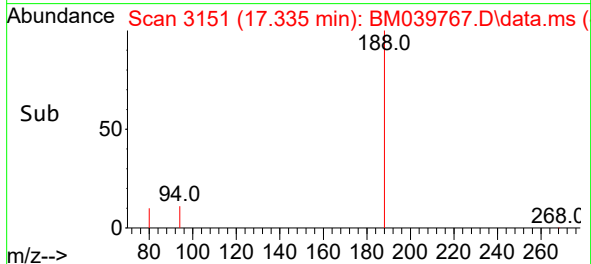
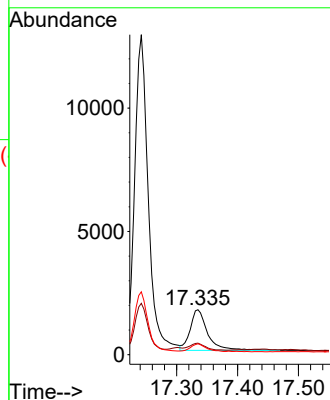
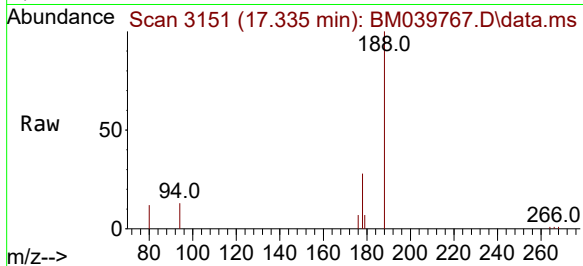




#16
 Anthracene
 Concen: 0.068 ng/ul
 RT: 17.335 min Scan# 3151
 Delta R.T. -0.008 min
 Lab File: BM039767.D
 Acq: 29 Apr 2023 10:20

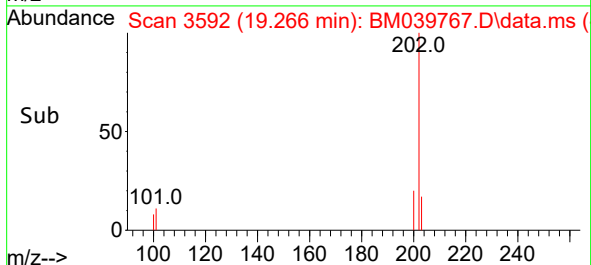
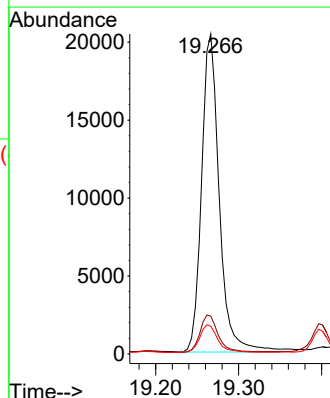
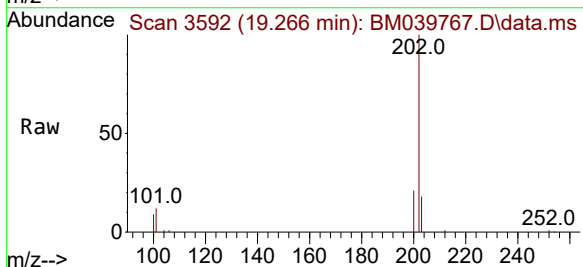
Instrument :
 BNA_M
 ClientSampleId :
 EW8X1DL

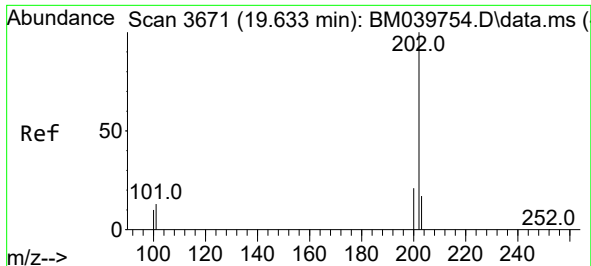
Tgt Ion:178 Resp: 3292
 Ion Ratio Lower Upper
 178 100
 179 25.6 13.8 20.6#
 176 24.1 15.8 23.8#



#19
 Fluoranthene
 Concen: 0.583 ng/ul
 RT: 19.266 min Scan# 3592
 Delta R.T. 0.000 min
 Lab File: BM039767.D
 Acq: 29 Apr 2023 10:20

Tgt Ion:202 Resp: 30264
 Ion Ratio Lower Upper
 202 100
 101 11.8 9.8 14.8
 100 8.7 7.3 10.9

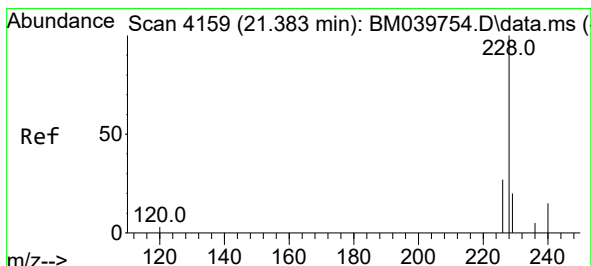
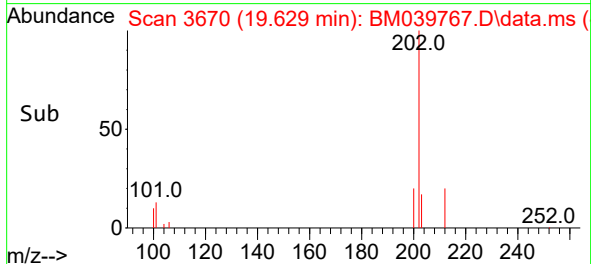
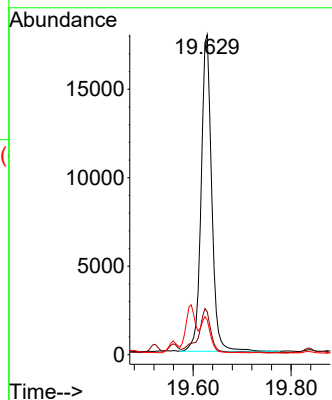
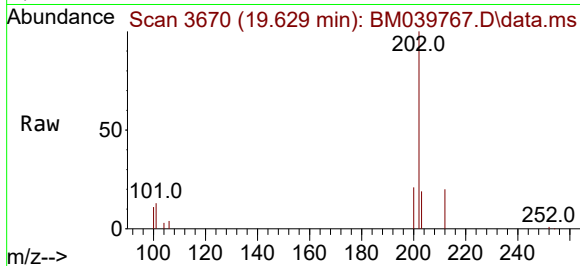




#20
Pyrene
Concen: 0.475 ng/ul
RT: 19.629 min Scan# 30
Delta R.T. -0.005 min
Lab File: BM039767.D
Acq: 29 Apr 2023 10:20

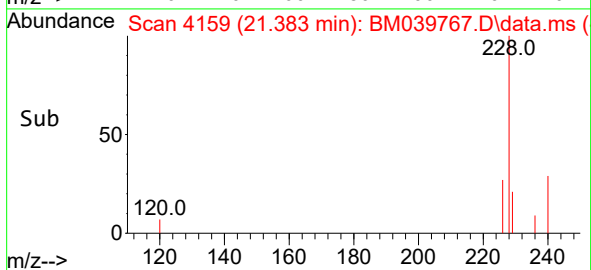
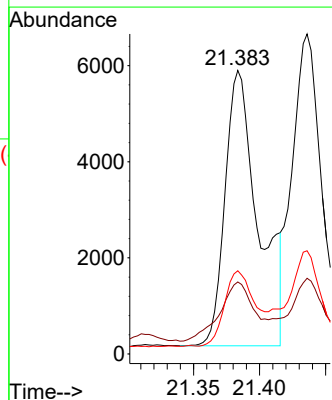
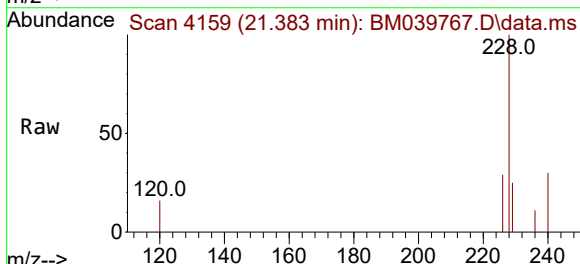
Instrument :
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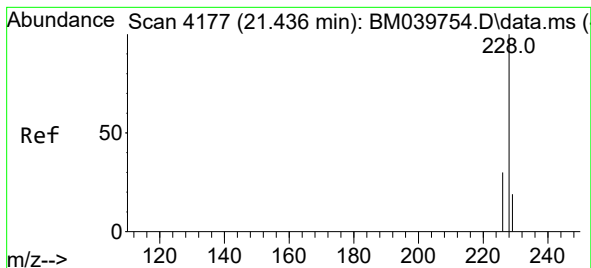
Tgt Ion:202 Resp: 26664
Ion Ratio Lower Upper
202 100
101 13.4 10.9 16.3
100 10.8 8.9 13.3



#21
Benzo(a)anthracene
Concen: 0.239 ng/ul
RT: 21.383 min Scan# 4159
Delta R.T. 0.000 min
Lab File: BM039767.D
Acq: 29 Apr 2023 10:20

Tgt Ion:228 Resp: 10018
Ion Ratio Lower Upper
228 100
229 25.4 16.2 24.2#
226 29.3 21.6 32.4





#22

Chrysene

Concen: 0.216 ng/ul

RT: 21.436 min Scan# 4177

Delta R.T. 0.000 min

Lab File: BM039767.D

Acq: 29 Apr 2023 10:20

Instrument :

BNA_M

ClientSampleId :

EW8X1DL

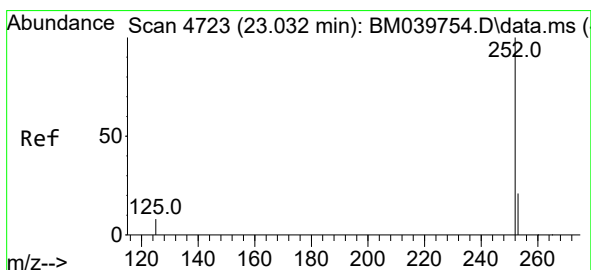
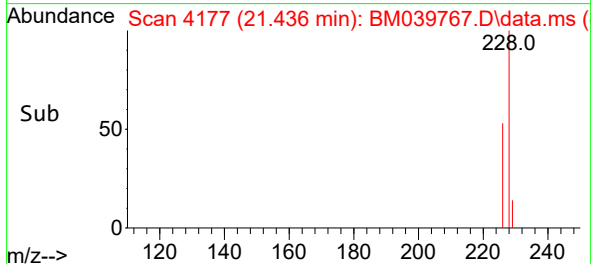
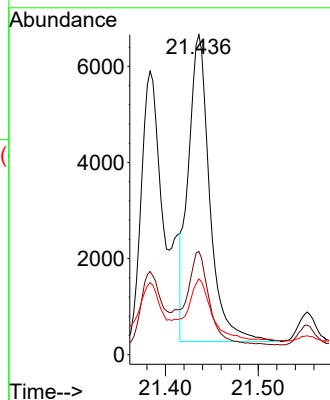
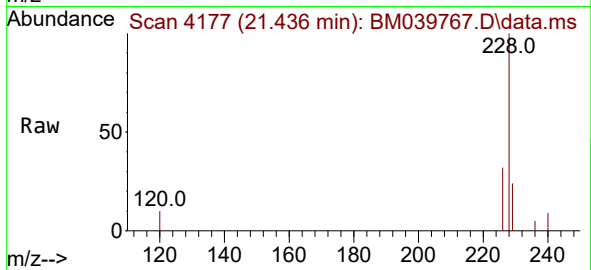
Tgt Ion:228 Resp: 10249

Ion Ratio Lower Upper

228 100

226 32.3 24.3 36.5

229 23.6 15.9 23.9



#24

Benzo(b)fluoranthene

Concen: 0.304 ng/ul

RT: 23.035 min Scan# 4724

Delta R.T. 0.003 min

Lab File: BM039767.D

Acq: 29 Apr 2023 10:20

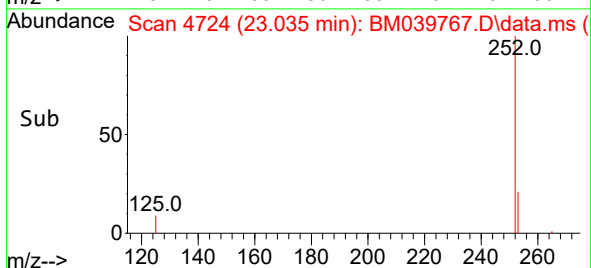
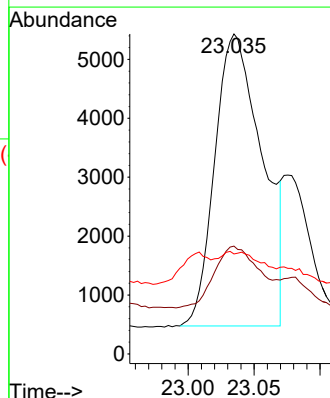
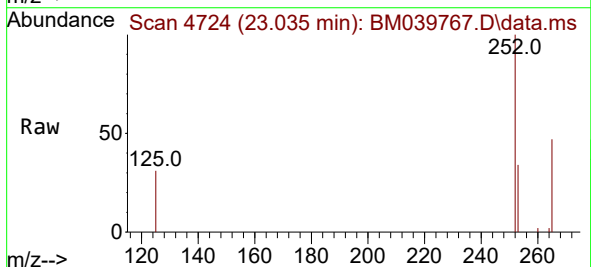
Tgt Ion:252 Resp: 12397

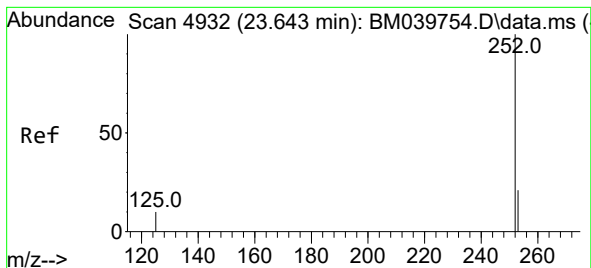
Ion Ratio Lower Upper

252 100

253 33.7 0.0 52.8

125 31.2 0.0 31.6





#26

Benzo(a)pyrene

Concen: 0.196 ng/ul

RT: 23.640 min Scan# 4932

Delta R.T. -0.003 min

Lab File: BM039767.D

Acq: 29 Apr 2023 10:20

Instrument :

BNA_M

ClientSampleId :

EW8X1DL

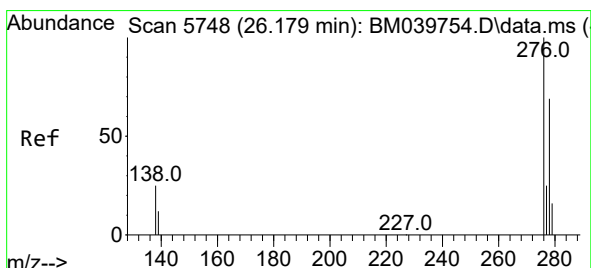
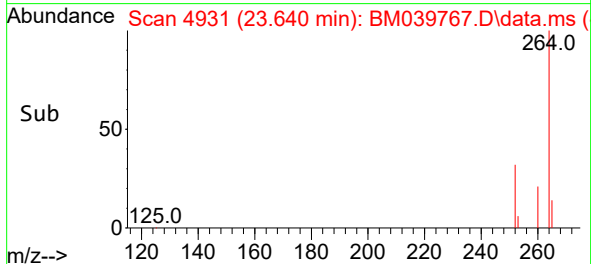
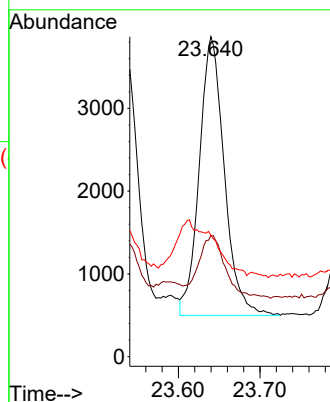
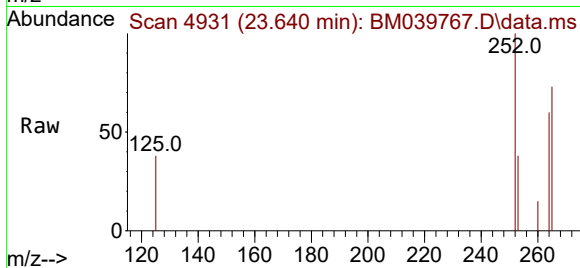
Tgt Ion:252 Resp: 7173

Ion Ratio Lower Upper

252 100

253 37.8 24.7 37.1#

125 38.0 16.5 24.7#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.124 ng/ul

RT: 26.176 min Scan# 5747

Delta R.T. -0.003 min

Lab File: BM039767.D

Acq: 29 Apr 2023 10:20

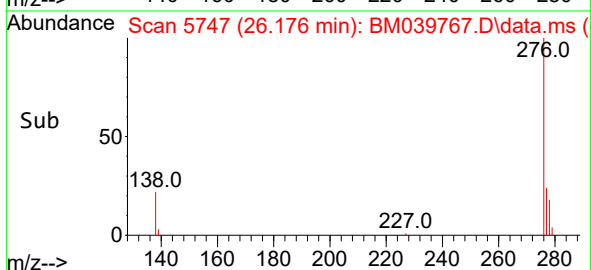
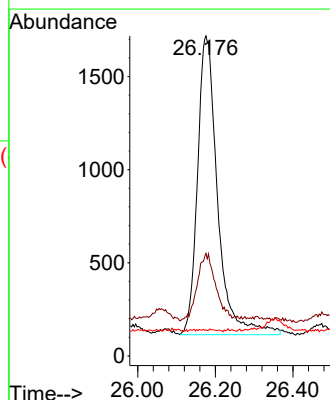
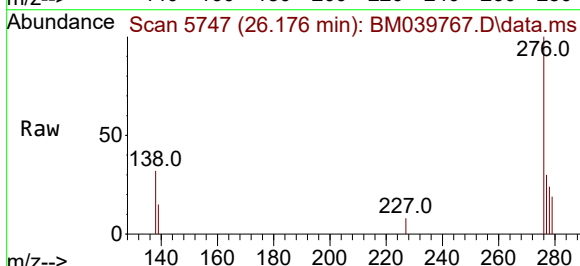
Tgt Ion:276 Resp: 5750

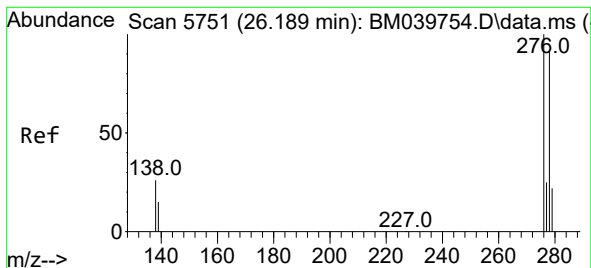
Ion Ratio Lower Upper

276 100

138 20.9 21.1 31.7#

227 0.4 0.1 0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.035 ng/ul

RT: 26.182 min Scan# 5

Delta R.T. -0.007 min

Lab File: BM039767.D

Acq: 29 Apr 2023 10:20

Instrument :

BNA_M

ClientSampleId :

EW8X1DL

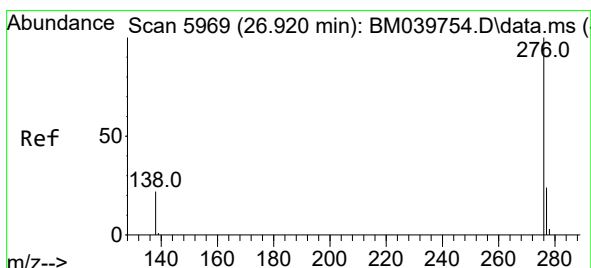
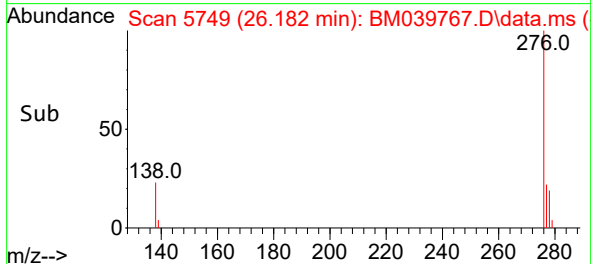
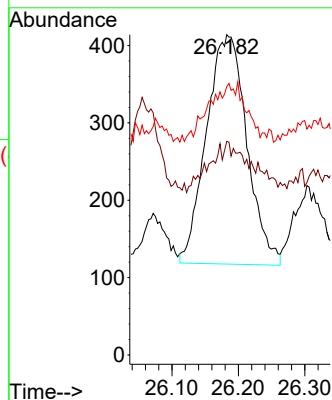
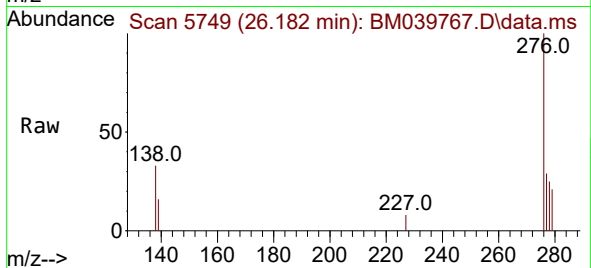
Tgt Ion:278 Resp: 1255

Ion Ratio Lower Upper

278 100

139 66.7 17.0 25.6#

279 83.8 23.4 35.2#



#29

Benzo(g,h,i)perylene

Concen: 0.120 ng/ul

RT: 26.924 min Scan# 5970

Delta R.T. 0.003 min

Lab File: BM039767.D

Acq: 29 Apr 2023 10:20

Tgt Ion:276 Resp: 4838

Ion Ratio Lower Upper

276 100

138 33.0 20.1 30.1#

277 31.1 20.1 30.1#

