

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070323\
 Data File : BM040570.D
 Acq On : 03 Jul 2023 11:49
 Operator : MA/JU
 Sample : 03245-21
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCGH9

Quant Time: Jul 03 13:36:17 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 01 03:00:05 2023
 Response via : Initial Calibration

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

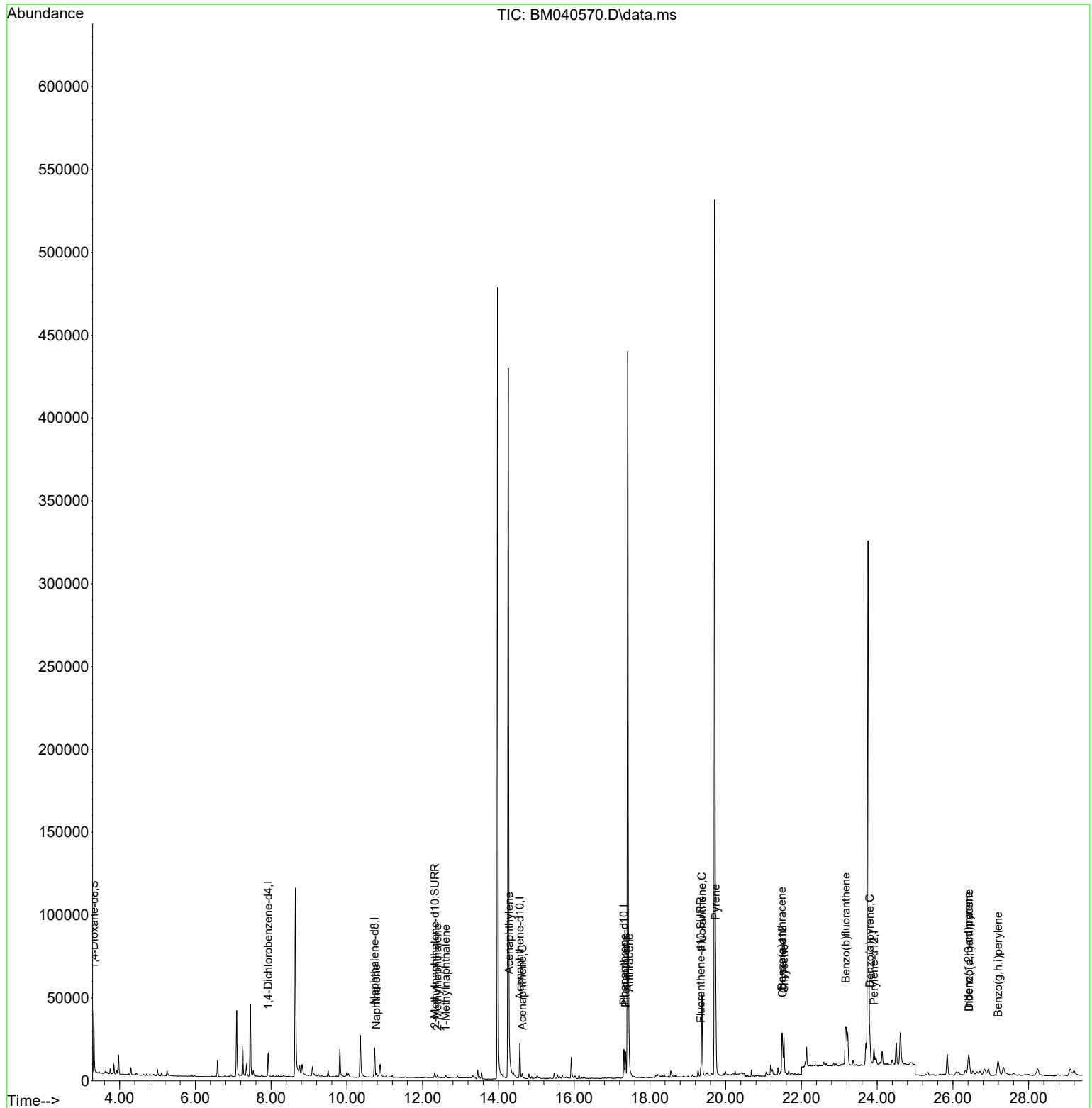
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.924	152	7143	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.729	136	25563	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.568	164	11915	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.315	188	22695	0.400	ng/ul	-0.01
17) Chrysene-d12	21.503	240	13036	0.400	ng/ul	# 0.00
23) Perylene-d12	23.915	264	14445	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.321	96	21443	1.911	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.323	152	4785	0.134	ng/ul	-0.01
18) Fluoranthene-d10	19.342	212	6330	0.151	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.778	128	2411	0.034	ng/ul#	79
7) 2-Methylnaphthalene	12.395	142	1617	0.039	ng/ul	99
8) 1-Methylnaphthalene	12.615	142	1184	0.029	ng/ul	99
10) Acenaphthylene	14.286	152	2617	0.049	ng/ul#	81
11) Acenaphthene	14.628	153	996	0.022	ng/ul#	92
15) Phenanthrene	17.358	178	18513	0.263	ng/ul	98
16) Anthracene	17.450	178	2558	0.043	ng/ul#	83
19) Fluoranthene	19.375	202	46523	0.840	ng/ul	98
20) Pyrene	19.737	202	37236	0.627	ng/ul	99
21) Benzo(a)anthracene	21.486	228	19966	0.453	ng/ul#	88
22) Chrysene	21.538	228	22728	0.452	ng/ul#	94
24) Benzo(b)fluoranthene	23.178	252	42102	0.753	ng/ul	89
26) Benzo(a)pyrene	23.806	252	23399	0.465	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	26.417	276	23773	0.339	ng/ul#	82
28) Dibenzo(a,h)anthracene	26.424	278	5684	0.104	ng/ul#	40
29) Benzo(g,h,i)perylene	27.192	276	23421	0.381	ng/ul	93

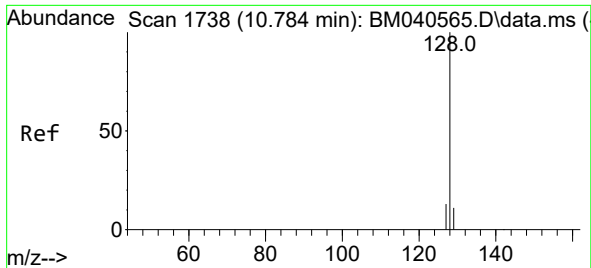
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070323\
Data File : BM040570.D
Acq On : 03 Jul 2023 11:49
Operator : MA/JU
Sample : 03245-21
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCGH9

Quant Time: Jul 03 13:36:17 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 01 03:00:05 2023
Response via : Initial Calibration

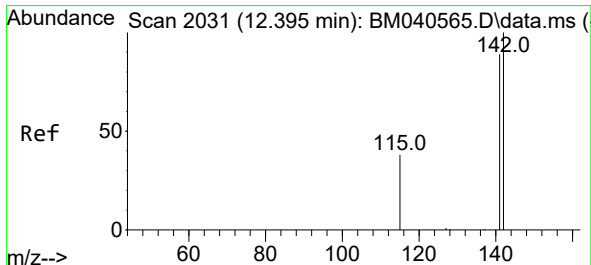
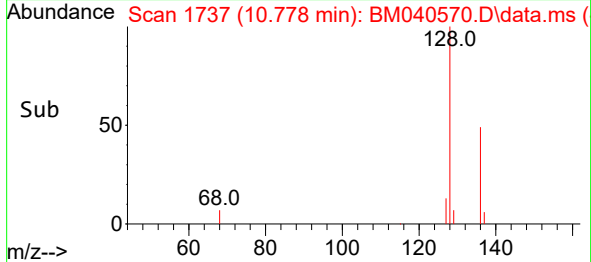
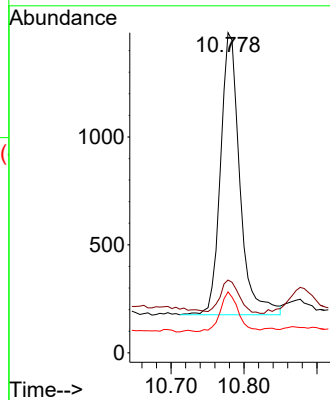
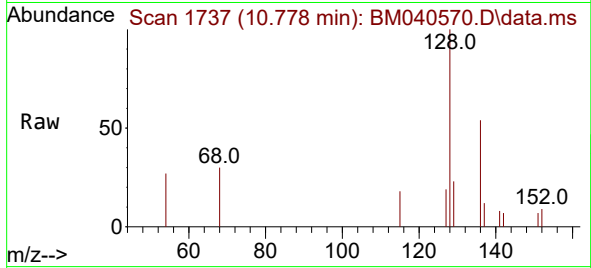




#5
Naphthalene
Concen: 0.034 ng/ul
RT: 10.778 min Scan# 1737
Delta R.T. -0.016 min
Lab File: BM040570.D
Acq: 03 Jul 2023 11:49

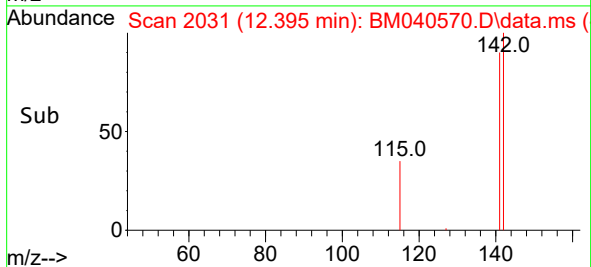
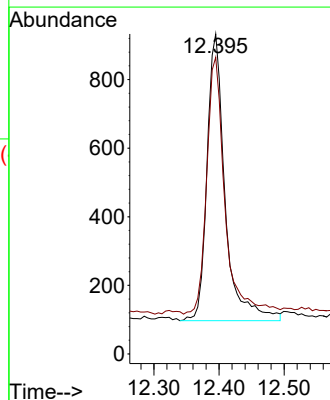
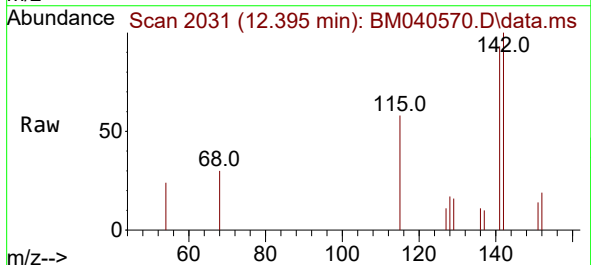
Instrument :
BNA_M
ClientSampleId :
DCGH9

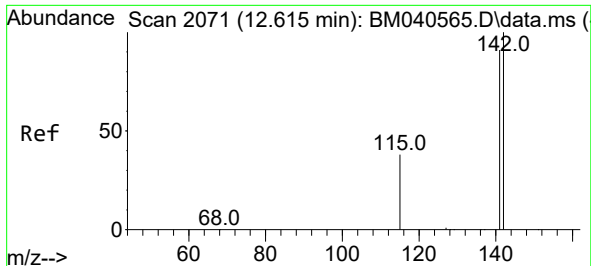
Tgt Ion:128 Resp: 2411
Ion Ratio Lower Upper
128 100
129 22.7 9.2 13.8#
127 19.0 10.6 15.8#



#7
2-Methylnaphthalene
Concen: 0.039 ng/ul
RT: 12.395 min Scan# 2031
Delta R.T. -0.011 min
Lab File: BM040570.D
Acq: 03 Jul 2023 11:49

Tgt Ion:142 Resp: 1617
Ion Ratio Lower Upper
142 100
141 90.5 71.9 107.9

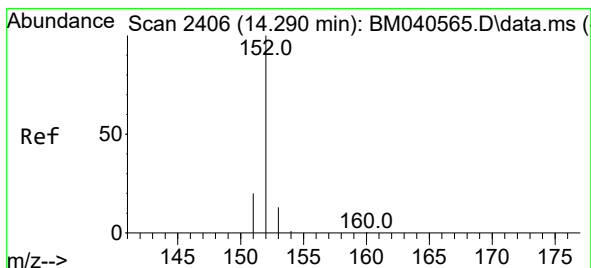
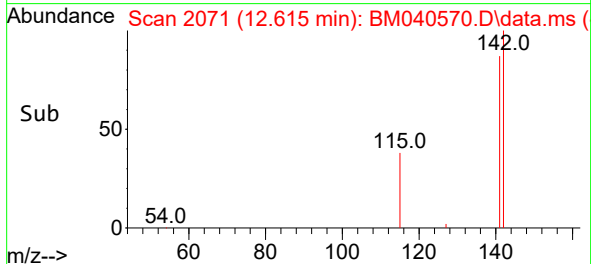
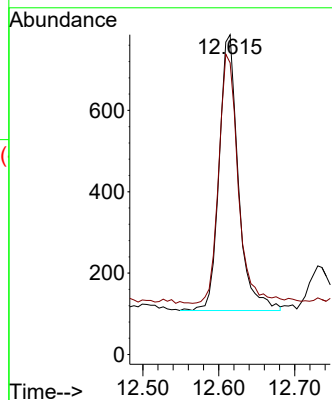
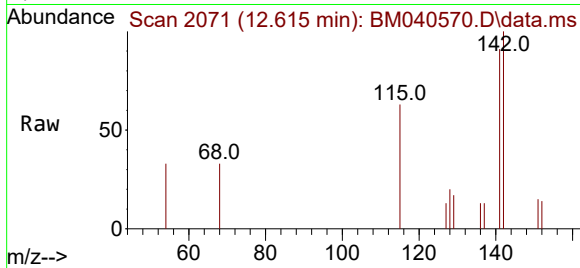




#8
1-Methylnaphthalene
Concen: 0.029 ng/ul
RT: 12.615 min Scan# 2071
Delta R.T. -0.011 min
Lab File: BM040570.D
Acq: 03 Jul 2023 11:49

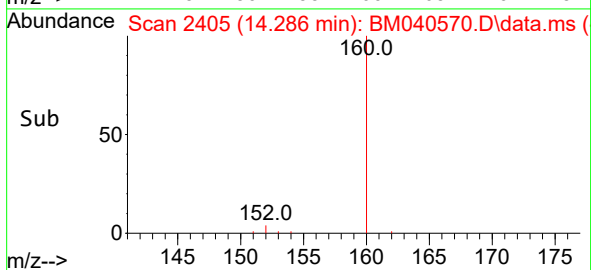
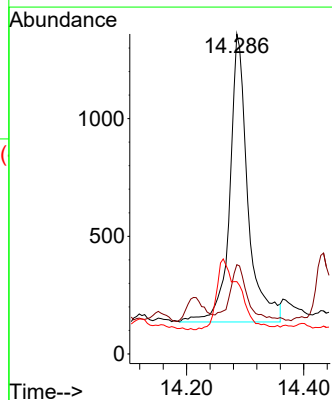
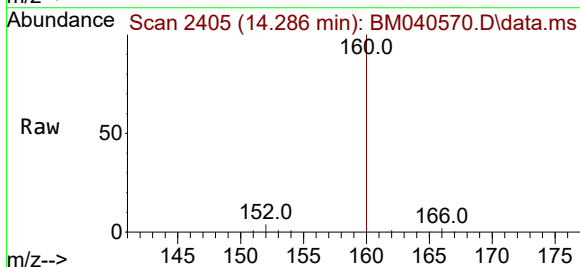
Instrument :
BNA_M
ClientSampleId :
DCGH9

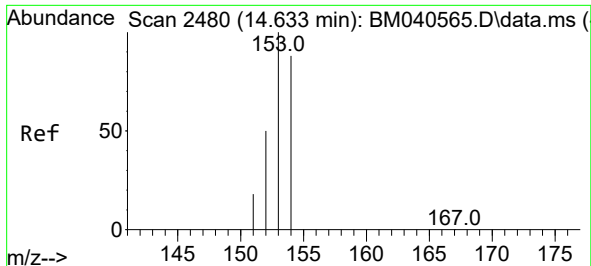
Tgt Ion:142 Resp: 1184
Ion Ratio Lower Upper
142 100
141 91.5 73.7 110.5



#10
Acenaphthylene
Concen: 0.049 ng/ul
RT: 14.286 min Scan# 2405
Delta R.T. -0.014 min
Lab File: BM040570.D
Acq: 03 Jul 2023 11:49

Tgt Ion:152 Resp: 2617
Ion Ratio Lower Upper
152 100
151 27.9 16.2 24.2#
153 22.6 10.9 16.3#

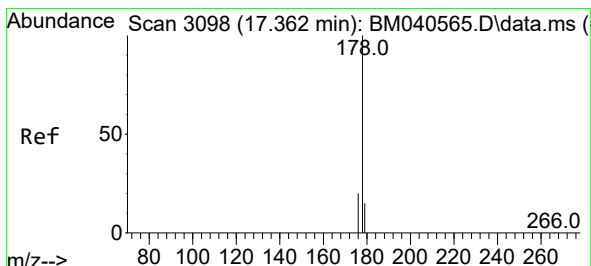
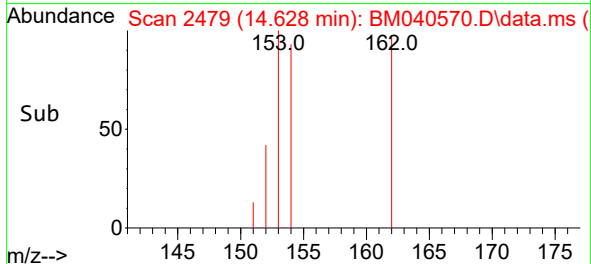
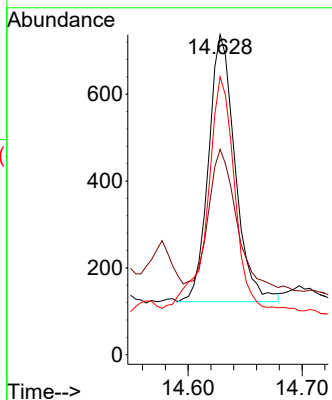
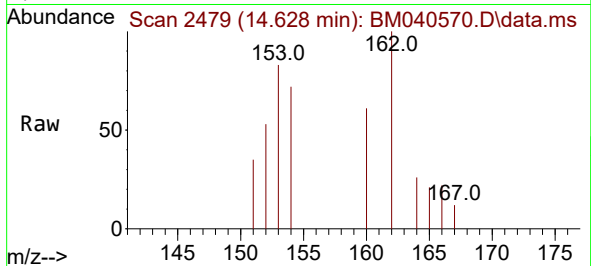




#11
Acenaphthene
Concen: 0.022 ng/ul
RT: 14.628 min Scan# 2480
Delta R.T. -0.014 min
Lab File: BM040570.D
Acq: 03 Jul 2023 11:49

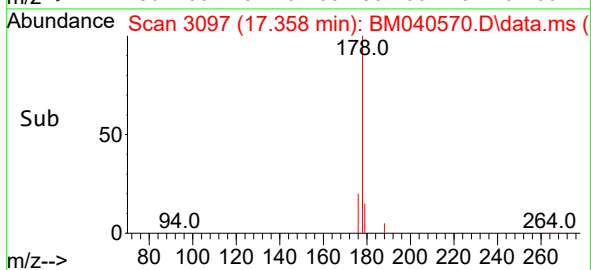
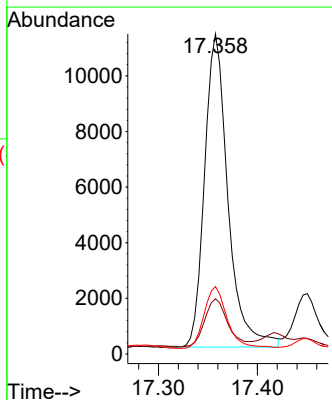
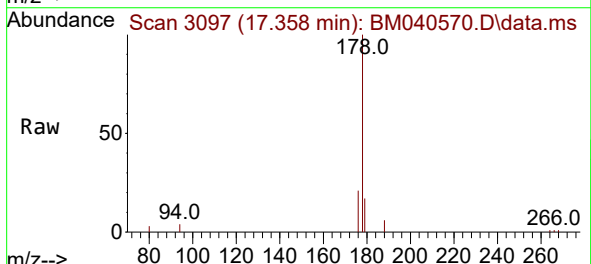
Instrument :
BNA_M
ClientSampleId :
DCGH9

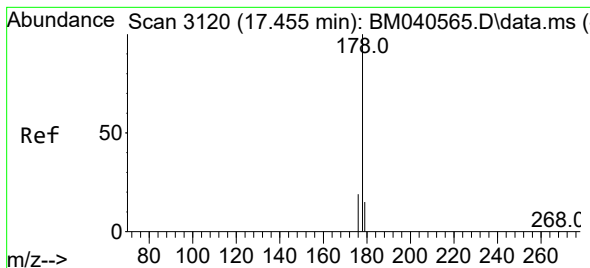
Tgt Ion:153 Resp: 996
Ion Ratio Lower Upper
153 100
152 64.2 41.0 61.4#
154 86.8 70.8 106.2



#15
Phenanthrene
Concen: 0.263 ng/ul
RT: 17.358 min Scan# 3097
Delta R.T. -0.012 min
Lab File: BM040570.D
Acq: 03 Jul 2023 11:49

Tgt Ion:178 Resp: 18513
Ion Ratio Lower Upper
178 100
179 17.2 12.8 19.2
176 21.0 16.4 24.6





#16

Anthracene

Concen: 0.043 ng/ul

RT: 17.450 min Scan# 3119

Delta R.T. -0.012 min

Lab File: BM040570.D

Acq: 03 Jul 2023 11:49

Instrument :

BNA_M

ClientSampleId :

DCGH9

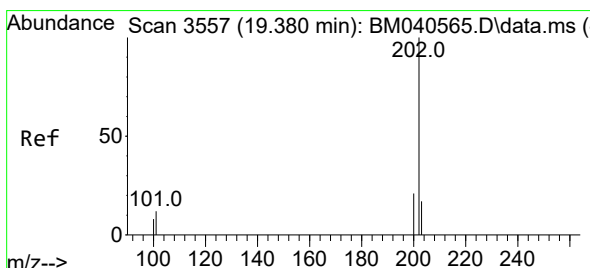
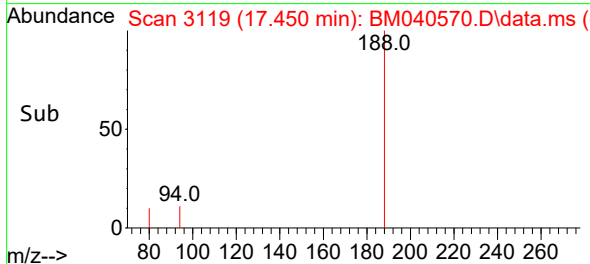
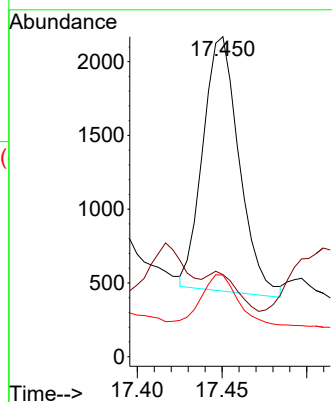
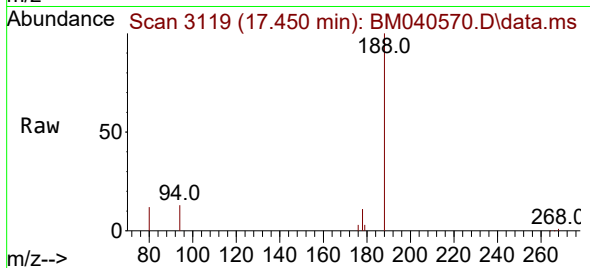
Tgt Ion:178 Resp: 2558

Ion Ratio Lower Upper

178 100

179 25.6 12.9 19.3#

176 25.5 15.8 23.6#



#19

Fluoranthene

Concen: 0.840 ng/ul

RT: 19.375 min Scan# 3556

Delta R.T. -0.009 min

Lab File: BM040570.D

Acq: 03 Jul 2023 11:49

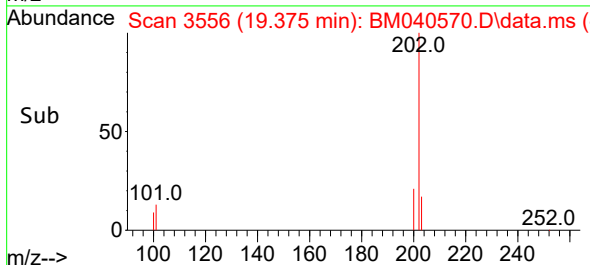
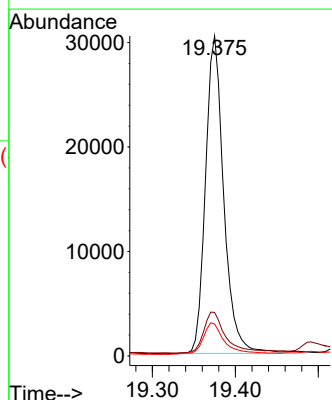
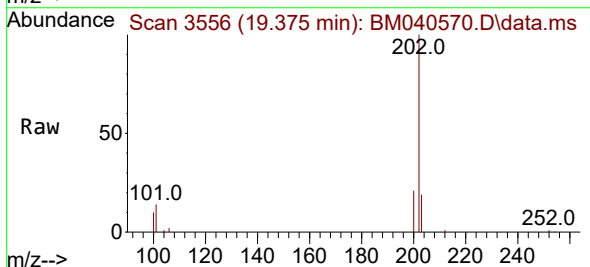
Tgt Ion:202 Resp: 46523

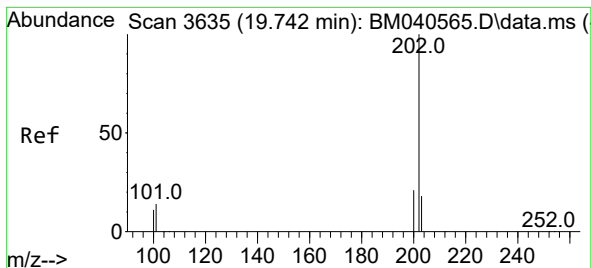
Ion Ratio Lower Upper

202 100

101 13.6 11.4 17.0

100 10.0 8.7 13.1





#20

Pyrene

Concen: 0.627 ng/ul

RT: 19.737 min Scan# 3

Delta R.T. -0.009 min

Lab File: BM040570.D

Acq: 03 Jul 2023 11:49

Instrument :

BNA_M

ClientSampleId :

DCGH9

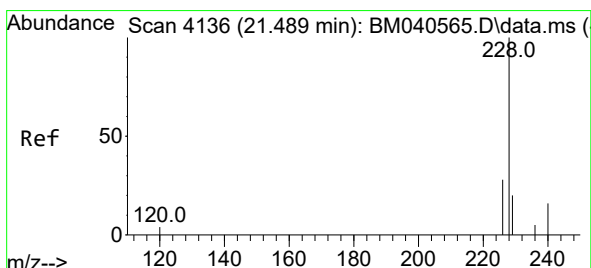
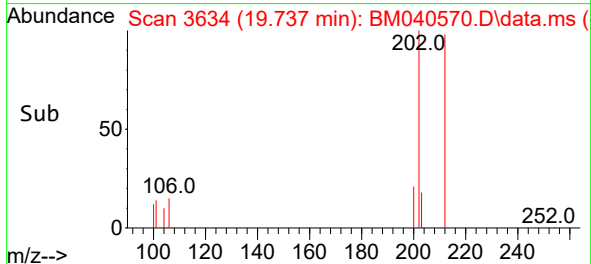
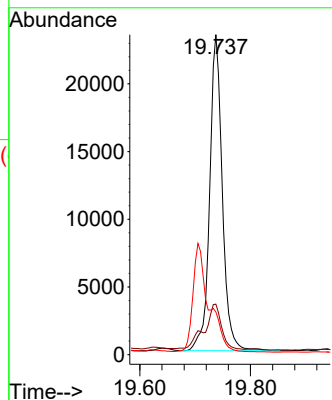
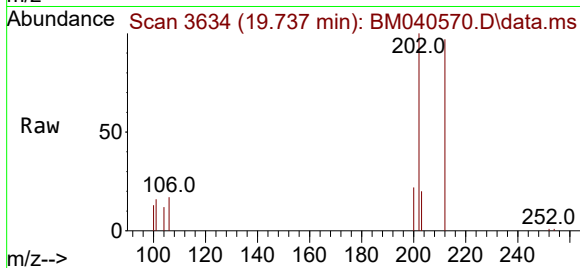
Tgt Ion:202 Resp: 37236

Ion Ratio Lower Upper

202 100

101 15.8 12.6 18.8

100 13.3 9.8 14.6



#21

Benzo(a)anthracene

Concen: 0.453 ng/ul

RT: 21.486 min Scan# 4135

Delta R.T. -0.006 min

Lab File: BM040570.D

Acq: 03 Jul 2023 11:49

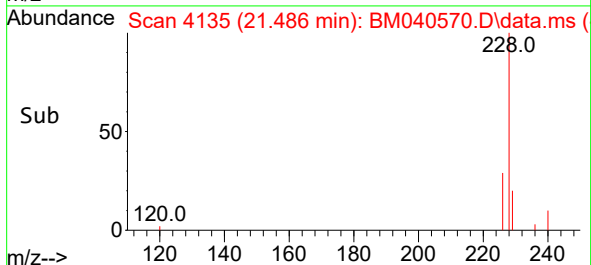
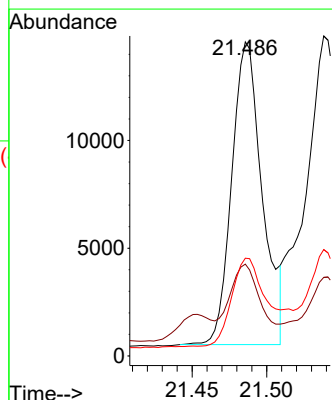
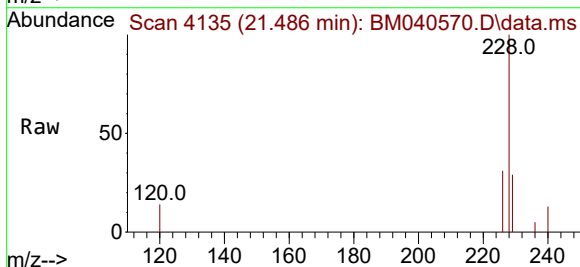
Tgt Ion:228 Resp: 19966

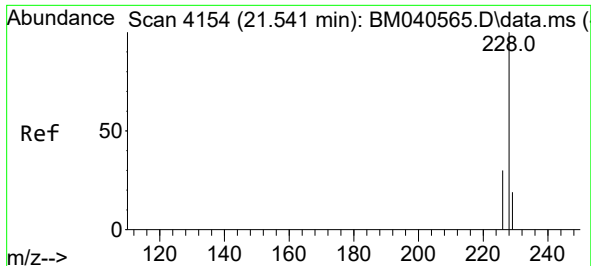
Ion Ratio Lower Upper

228 100

229 29.2 16.0 24.0#

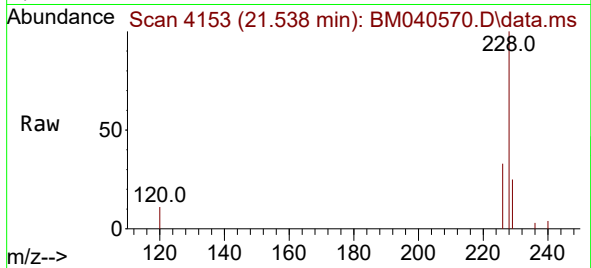
226 31.1 22.3 33.5



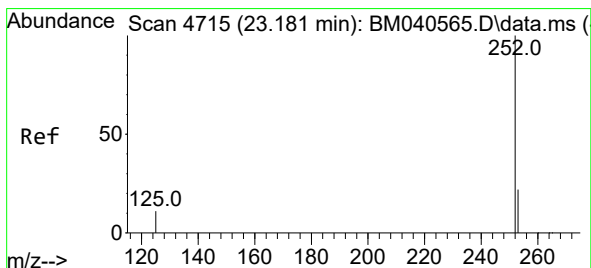
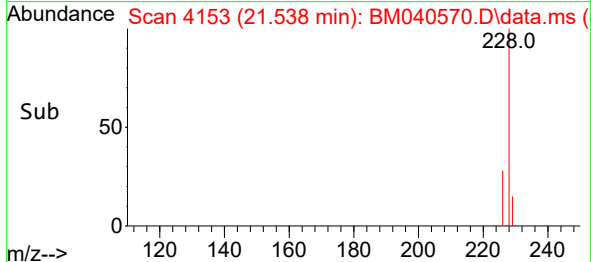
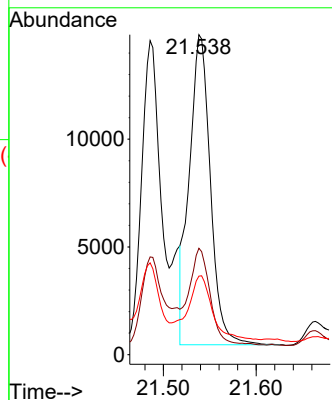


#22
Chrysene
Concen: 0.452 ng/ul
RT: 21.538 min Scan# 4153
Delta R.T. -0.006 min
Lab File: BM040570.D
Acq: 03 Jul 2023 11:49

Instrument :
BNA_M
ClientSampleId :
DCGH9

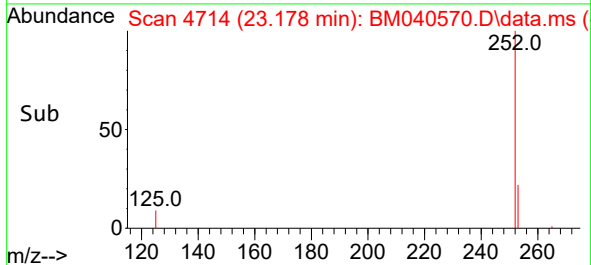
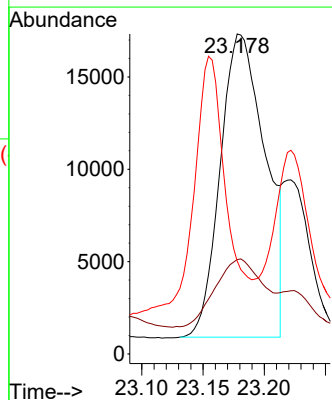
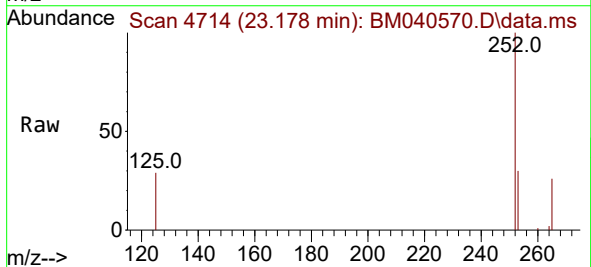


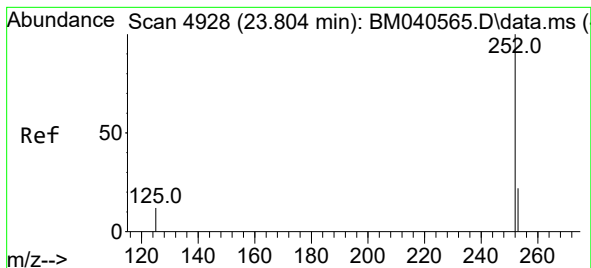
Tgt Ion:228 Resp: 22728
Ion Ratio Lower Upper
228 100
226 33.2 24.9 37.3
229 24.5 15.8 23.6#



#24
Benzo(b)fluoranthene
Concen: 0.753 ng/ul
RT: 23.178 min Scan# 4714
Delta R.T. -0.003 min
Lab File: BM040570.D
Acq: 03 Jul 2023 11:49

Tgt Ion:252 Resp: 42102
Ion Ratio Lower Upper
252 100
253 29.5 0.0 52.8
125 29.1 0.0 43.0





#26

Benzo(a)pyrene

Concen: 0.465 ng/ul

RT: 23.806 min Scan# 4928

Delta R.T. -0.006 min

Lab File: BM040570.D

Acq: 03 Jul 2023 11:49

Instrument :

BNA_M

ClientSampleId :

DCGH9

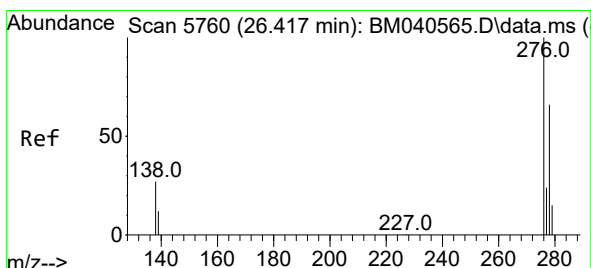
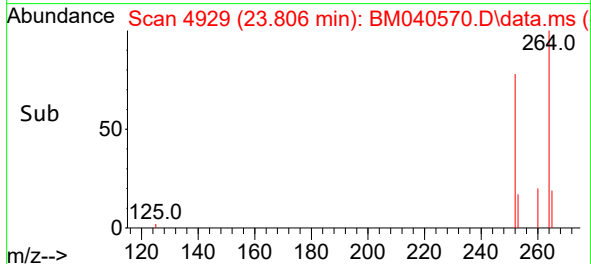
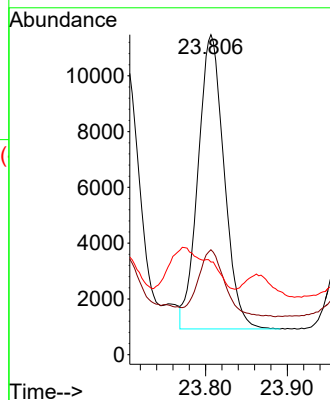
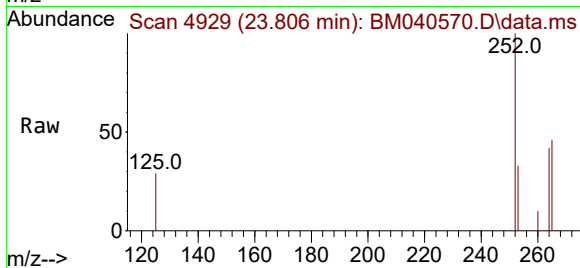
Tgt Ion:252 Resp: 23399

Ion Ratio Lower Upper

252 100

253 32.8 22.9 34.3

125 28.9 21.0 31.4



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.339 ng/ul

RT: 26.417 min Scan# 5760

Delta R.T. -0.003 min

Lab File: BM040570.D

Acq: 03 Jul 2023 11:49

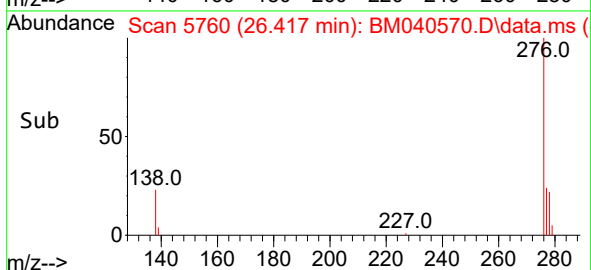
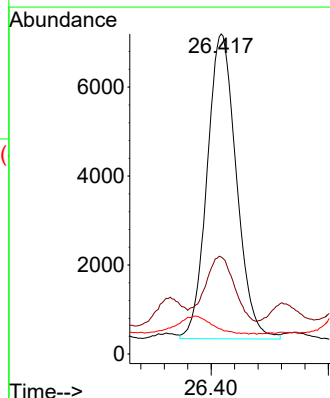
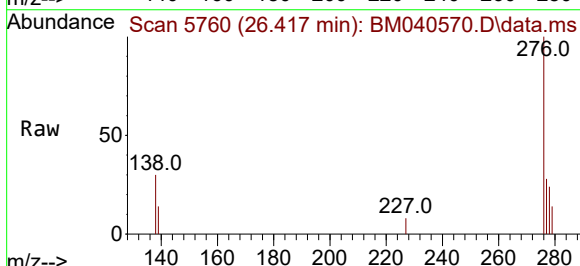
Tgt Ion:276 Resp: 23773

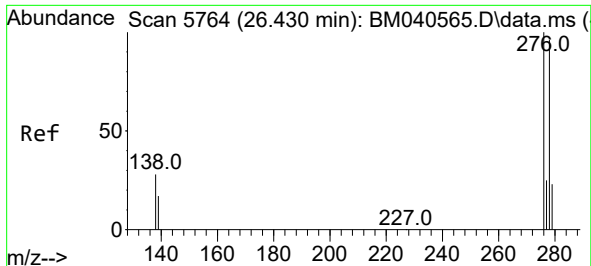
Ion Ratio Lower Upper

276 100

138 20.9 24.5 36.7#

227 0.0 0.1 0.1#

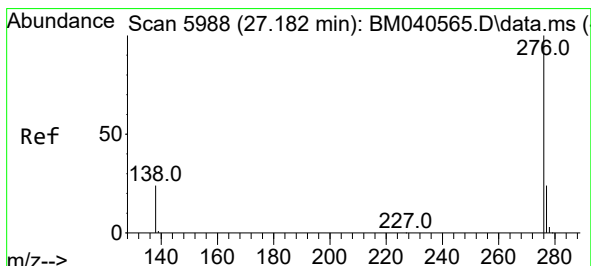
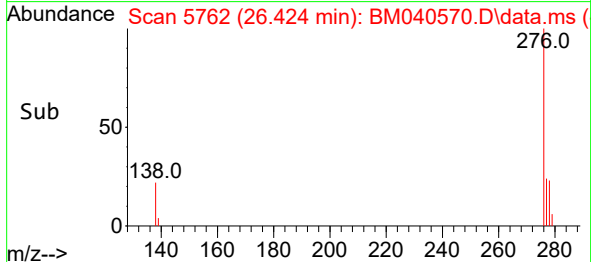
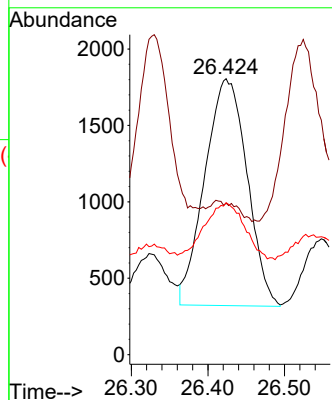
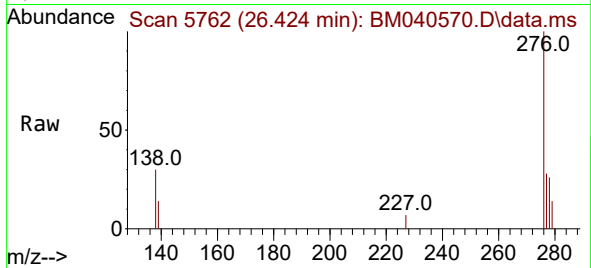




#28
Dibenzo(a,h)anthracene
Concen: 0.104 ng/ul
RT: 26.424 min Scan# 51
Delta R.T. -0.013 min
Lab File: BM040570.D
Acq: 03 Jul 2023 11:49

Instrument :
BNA_M
ClientSampleId :
DCGH9

Tgt Ion:278 Resp: 5684
Ion Ratio Lower Upper
278 100
139 54.9 17.9 26.9#
279 55.1 22.0 33.0#



#29
Benzo(g,h,i)perylene
Concen: 0.381 ng/ul
RT: 27.192 min Scan# 5991
Delta R.T. 0.007 min
Lab File: BM040570.D
Acq: 03 Jul 2023 11:49

Tgt Ion:276 Resp: 23421
Ion Ratio Lower Upper
276 100
138 32.9 23.0 34.6
277 28.1 20.3 30.5

