

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062223\
 Data File : BM040365.D
 Acq On : 23 Jun 2023 01:13
 Operator : MA/JU
 Sample : 03084-16
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFN3

Quant Time: Jun 23 02:28:53 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)

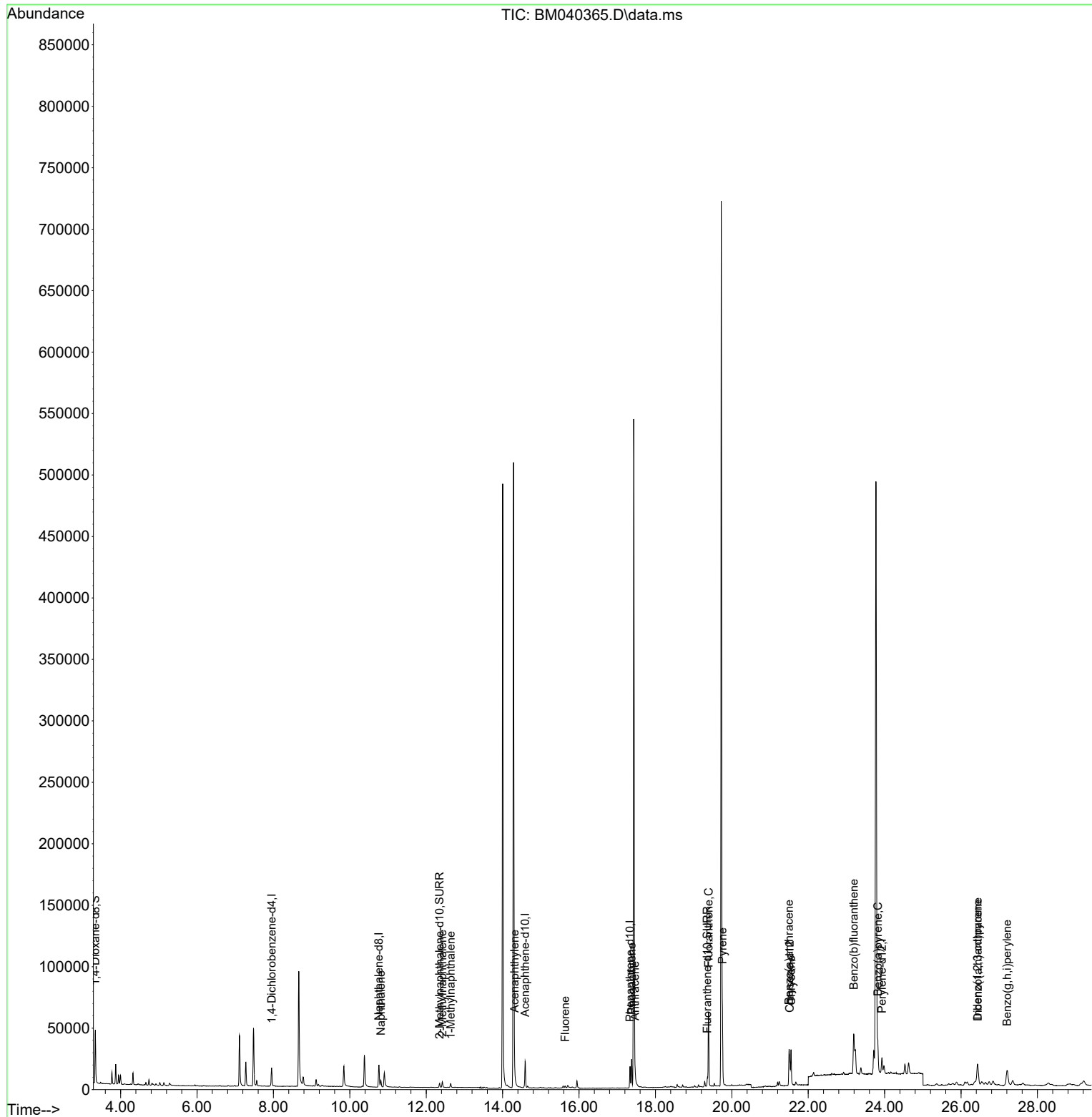
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.953	152	7733	0.400	ng/ul	0.00
4) Naphthalene-d8	10.760	136	25422	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.590	164	11962	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.335	188	20340	0.400	ng/ul	0.00
17) Chrysene-d12	21.515	240	14765	0.400	ng/ul	0.00
23) Perylene-d12	23.929	264	18627	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.337	96	25487	2.098	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.349	152	4996	0.140	ng/ul	0.00
18) Fluoranthene-d10	19.360	212	6977	0.147	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.810	128	7791	0.111	ng/ul#	94
7) 2-Methylnaphthalene	12.421	142	3748	0.091	ng/ul	98
8) 1-Methylnaphthalene	12.641	142	2432	0.059	ng/ul	98
10) Acenaphthylene	14.312	152	4918	0.092	ng/ul#	92
12) Fluorene	15.640	166	1001	0.021	ng/ul#	82
15) Phenanthrene	17.377	178	25337	0.401	ng/ul	99
16) Anthracene	17.466	178	4130	0.078	ng/ul#	87
19) Fluoranthene	19.392	202	53304	0.850	ng/ul	95
20) Pyrene	19.755	202	48112	0.716	ng/ul	97
21) Benzo(a)anthracene	21.498	228	24364	0.488	ng/ul	95
22) Chrysene	21.550	228	31835	0.559	ng/ul	96
24) Benzo(b)fluoranthene	23.193	252	54048	0.750	ng/ul	92
26) Benzo(a)pyrene	23.821	252	31645	0.487	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.431	276	30203	0.334	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.441	278	7291	0.103	ng/ul#	54
29) Benzo(g,h,i)perylene	27.205	276	29486	0.372	ng/ul	95

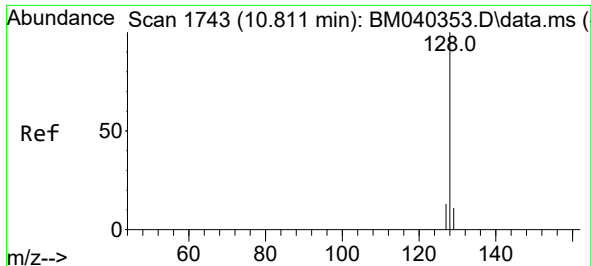
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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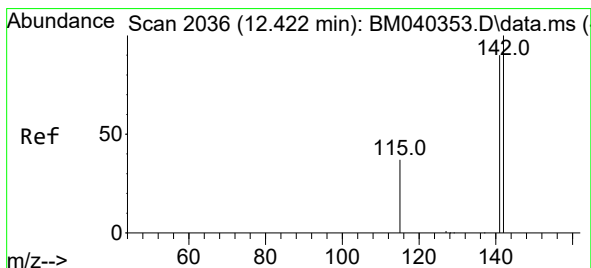
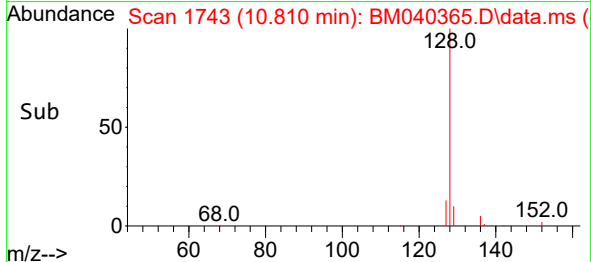
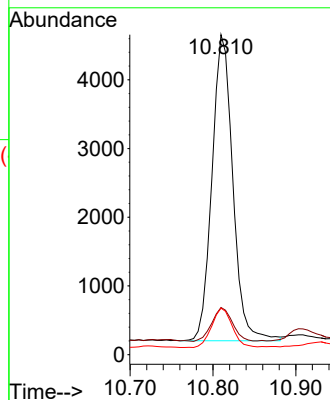
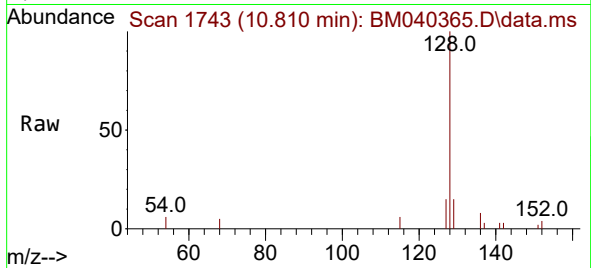




#5
Naphthalene
Concen: 0.111 ng/ul
RT: 10.810 min Scan# 11
Delta R.T. -0.001 min
Lab File: BM040365.D
Acq: 23 Jun 2023 01:13

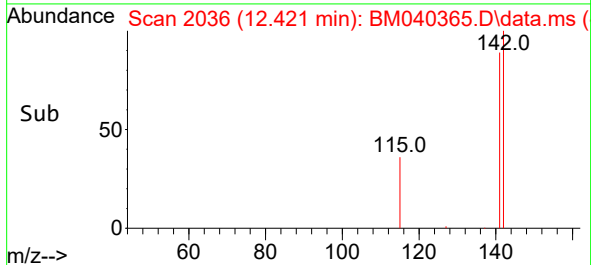
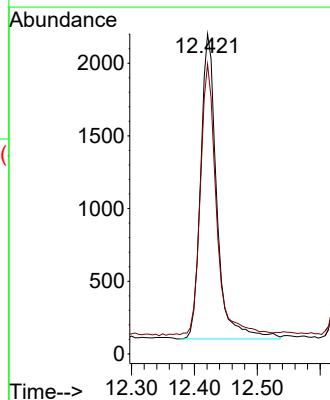
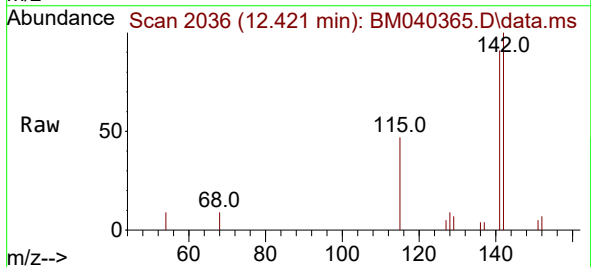
Instrument :
BNA_M
ClientSampleId :
DCFN3

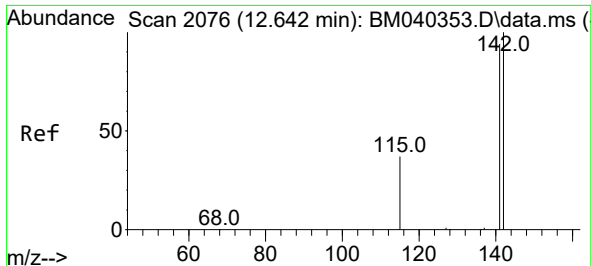
Tgt Ion:128 Resp: 7791
Ion Ratio Lower Upper
128 100
129 14.7 9.2 13.8#
127 14.5 10.6 15.8



#7
2-Methylnaphthalene
Concen: 0.091 ng/ul
RT: 12.421 min Scan# 2036
Delta R.T. -0.001 min
Lab File: BM040365.D
Acq: 23 Jun 2023 01:13

Tgt Ion:142 Resp: 3748
Ion Ratio Lower Upper
142 100
141 88.3 71.9 107.9

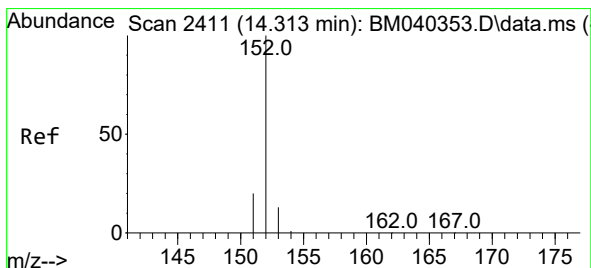
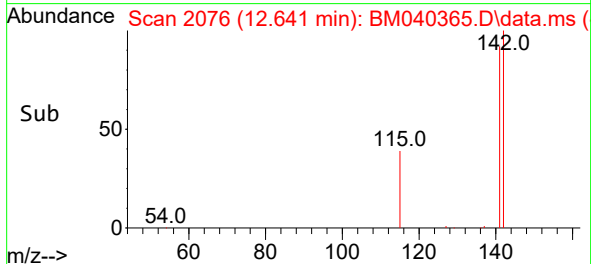
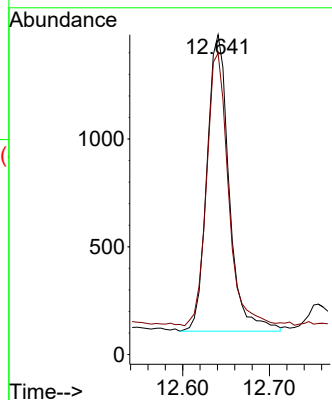
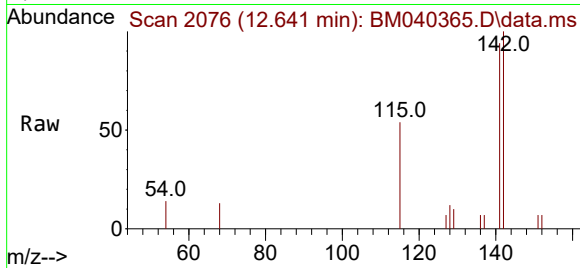




#8
1-Methylnaphthalene
Concen: 0.059 ng/ul
RT: 12.641 min Scan# 2076
Delta R.T. -0.002 min
Lab File: BM040365.D
Acq: 23 Jun 2023 01:13

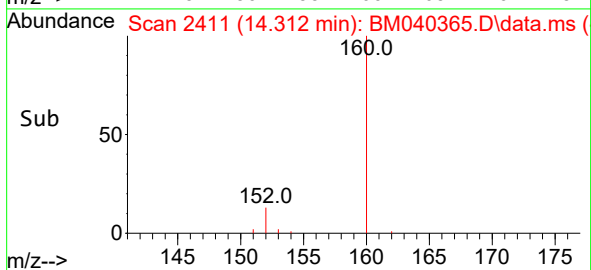
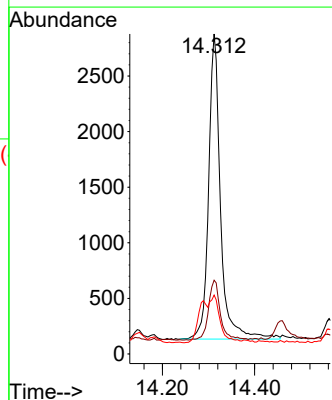
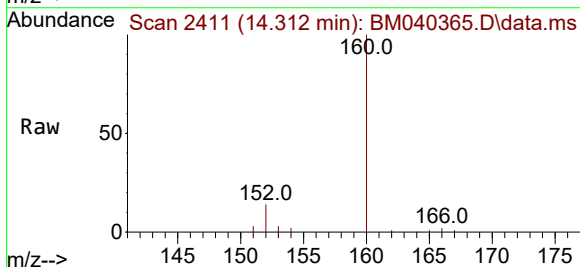
Instrument :
BNA_M
ClientSampleId :
DCFN3

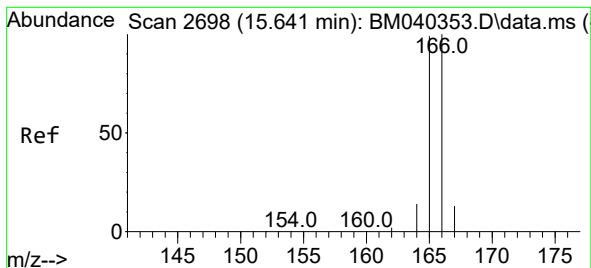
Tgt Ion:142 Resp: 2432
Ion Ratio Lower Upper
142 100
141 90.6 73.7 110.5



#10
Acenaphthylene
Concen: 0.092 ng/ul
RT: 14.312 min Scan# 2411
Delta R.T. -0.002 min
Lab File: BM040365.D
Acq: 23 Jun 2023 01:13

Tgt Ion:152 Resp: 4918
Ion Ratio Lower Upper
152 100
151 23.0 16.2 24.2
153 18.4 10.9 16.3#





#12

Fluorene

Concen: 0.021 ng/ul

RT: 15.640 min Scan# 2

Delta R.T. -0.001 min

Lab File: BM040365.D

Acq: 23 Jun 2023 01:13

Instrument :

BNA_M

ClientSampleId :

DCFN3

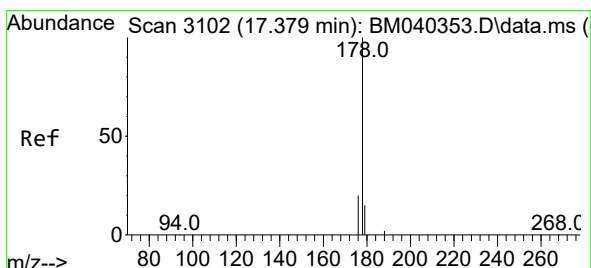
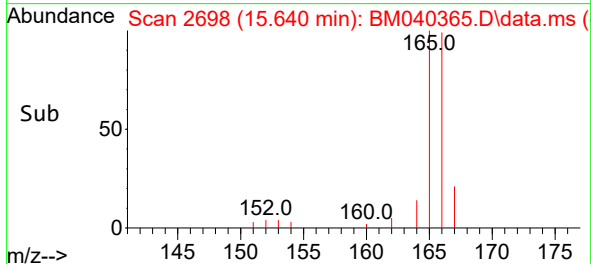
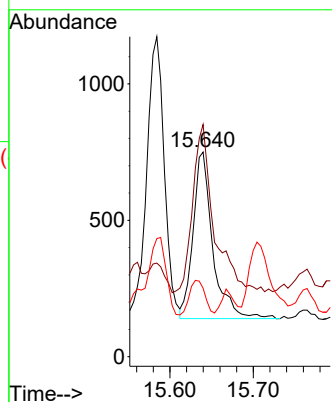
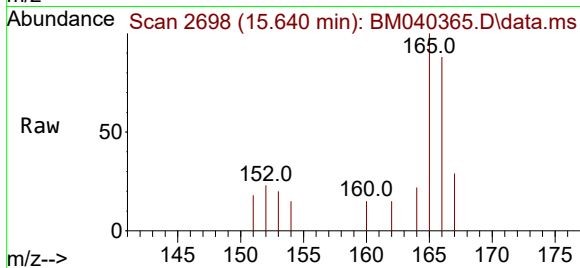
Tgt Ion:166 Resp: 1001

Ion Ratio Lower Upper

166 100

165 113.5 79.6 119.4

167 33.5 11.4 17.0#



#15

Phenanthrene

Concen: 0.401 ng/ul

RT: 17.377 min Scan# 3102

Delta R.T. -0.001 min

Lab File: BM040365.D

Acq: 23 Jun 2023 01:13

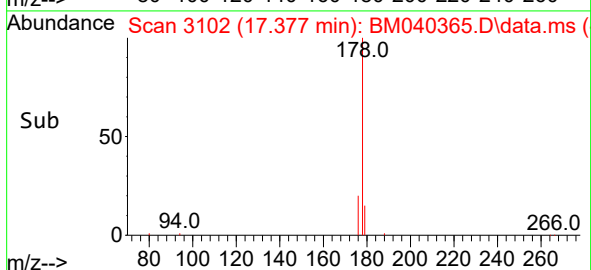
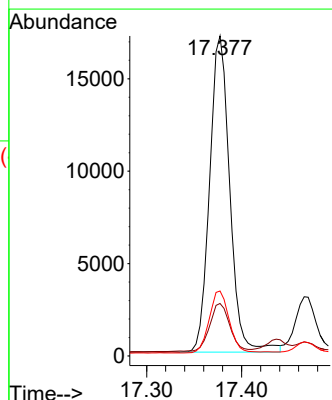
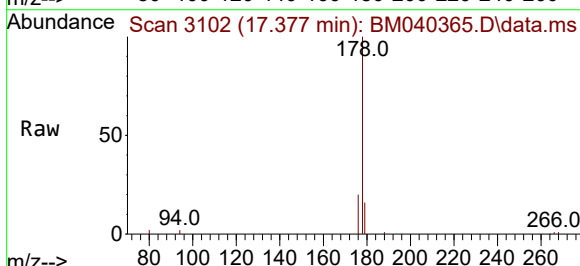
Tgt Ion:178 Resp: 25337

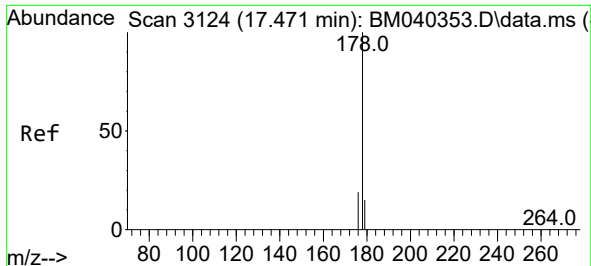
Ion Ratio Lower Upper

178 100

179 16.4 12.8 19.2

176 20.3 16.4 24.6

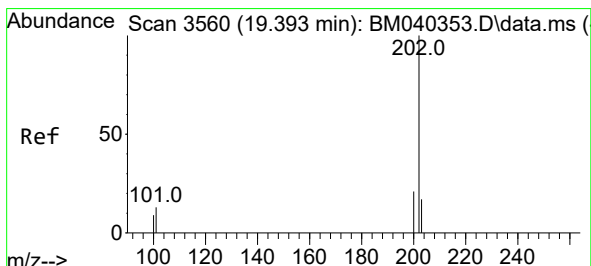
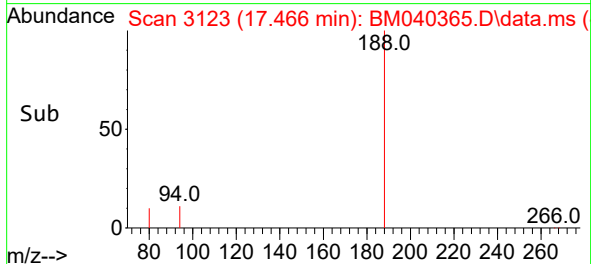
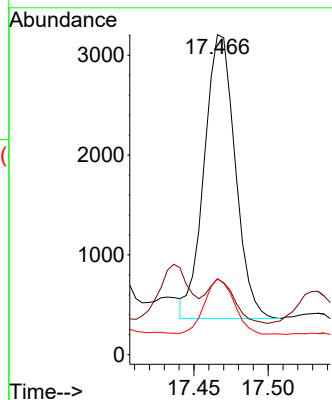
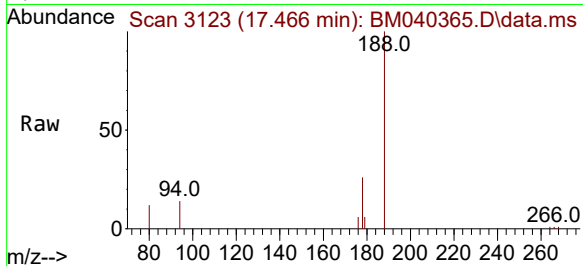




#16
 Anthracene
 Concen: 0.078 ng/ul
 RT: 17.466 min Scan# 3123
 Delta R.T. -0.006 min
 Lab File: BM040365.D
 Acq: 23 Jun 2023 01:13

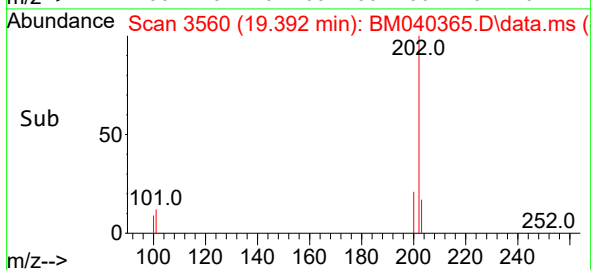
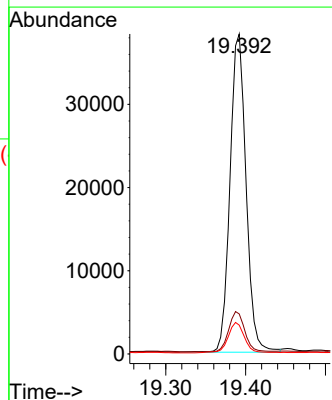
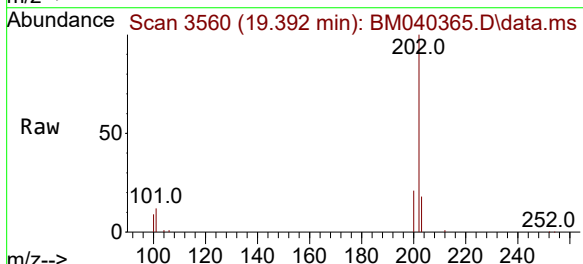
Instrument :
 BNA_M
 ClientSampleId :
 DCFN3

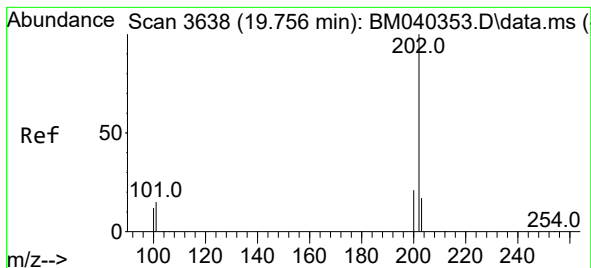
Tgt Ion:178 Resp: 4130
 Ion Ratio Lower Upper
 178 100
 179 23.6 12.9 19.3#
 176 23.7 15.8 23.6#



#19
 Fluoranthene
 Concen: 0.850 ng/ul
 RT: 19.392 min Scan# 3560
 Delta R.T. 0.003 min
 Lab File: BM040365.D
 Acq: 23 Jun 2023 01:13

Tgt Ion:202 Resp: 53304
 Ion Ratio Lower Upper
 202 100
 101 12.5 11.4 17.0
 100 9.0 8.7 13.1





#20

Pyrene

Concen: 0.716 ng/ul

RT: 19.755 min Scan# 3

Delta R.T. -0.002 min

Lab File: BM040365.D

Acq: 23 Jun 2023 01:13

Instrument :

BNA_M

ClientSampleId :

DCFN3

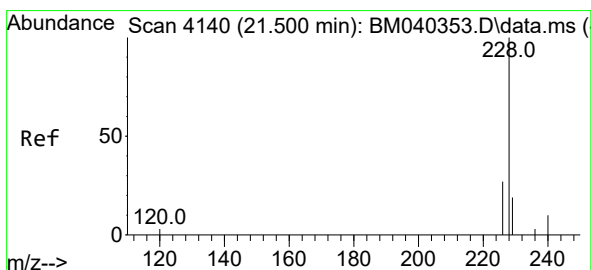
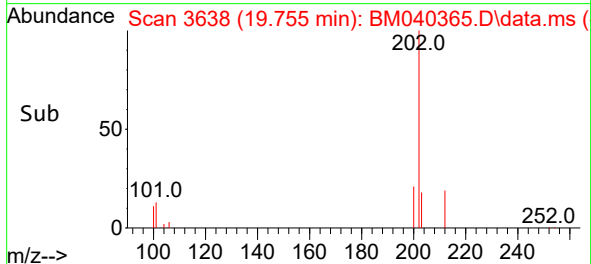
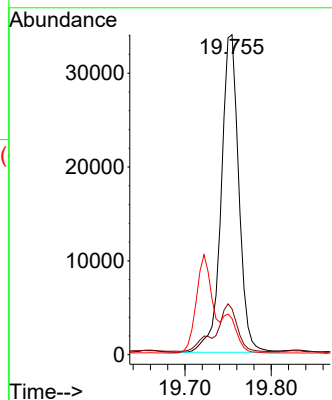
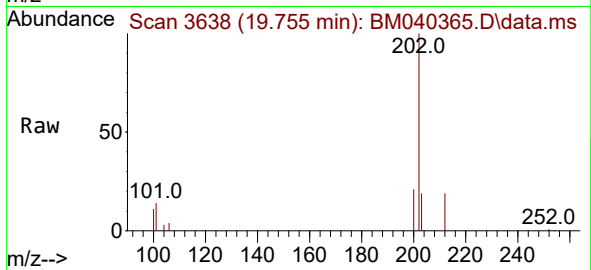
Tgt Ion:202 Resp: 48112

Ion Ratio Lower Upper

202 100

101 14.3 12.6 18.8

100 11.3 9.8 14.6



#21

Benzo(a)anthracene

Concen: 0.488 ng/ul

RT: 21.498 min Scan# 4139

Delta R.T. -0.003 min

Lab File: BM040365.D

Acq: 23 Jun 2023 01:13

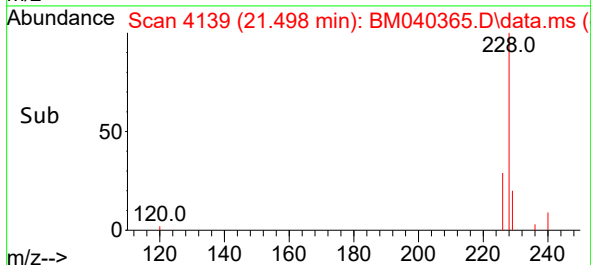
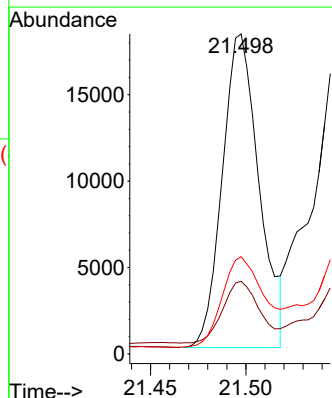
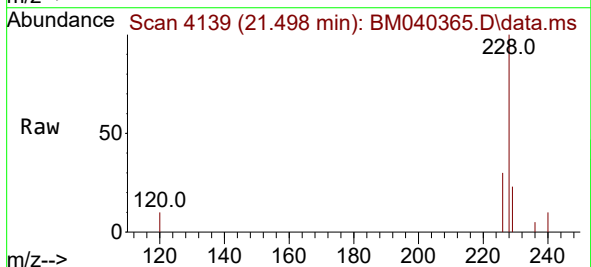
Tgt Ion:228 Resp: 24364

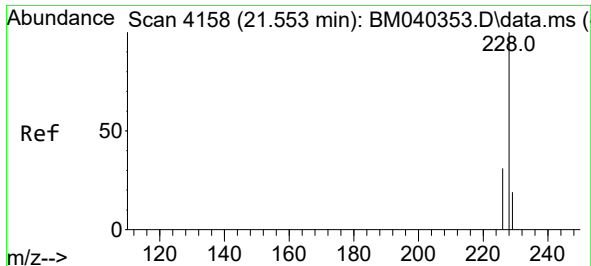
Ion Ratio Lower Upper

228 100

229 22.7 16.0 24.0

226 30.4 22.3 33.5





#22

Chrysene

Concen: 0.559 ng/ul

RT: 21.550 min Scan# 4158

Delta R.T. -0.003 min

Lab File: BM040365.D

Acq: 23 Jun 2023 01:13

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ClientSampleId :

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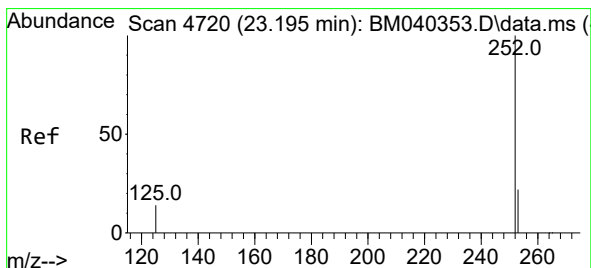
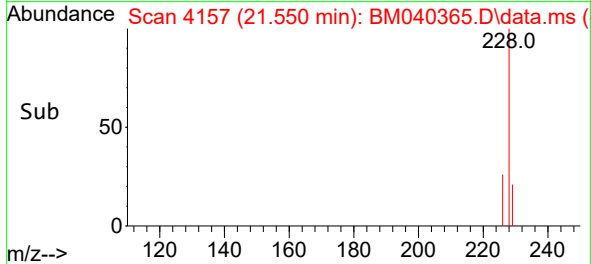
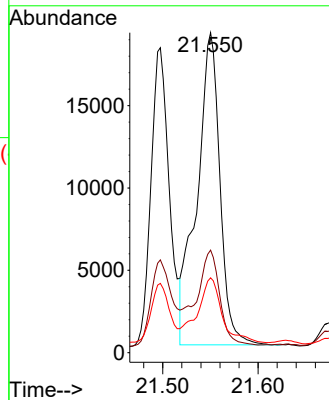
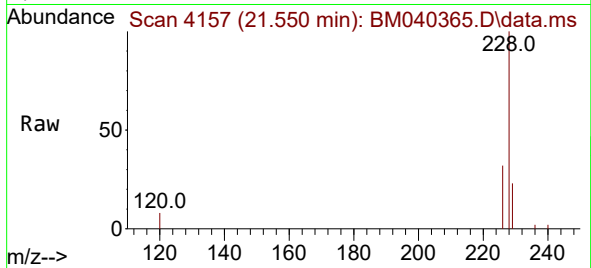
Tgt Ion:228 Resp: 31835

Ion Ratio Lower Upper

228 100

226 32.1 24.9 37.3

229 23.4 15.8 23.6



#24

Benzo(b)fluoranthene

Concen: 0.750 ng/ul

RT: 23.193 min Scan# 4719

Delta R.T. 0.000 min

Lab File: BM040365.D

Acq: 23 Jun 2023 01:13

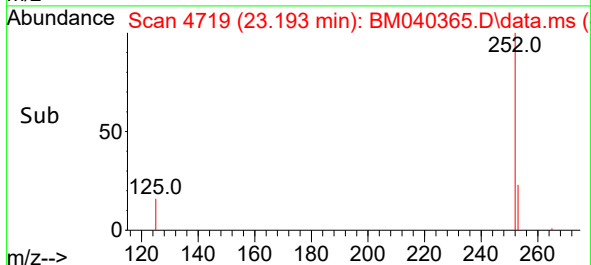
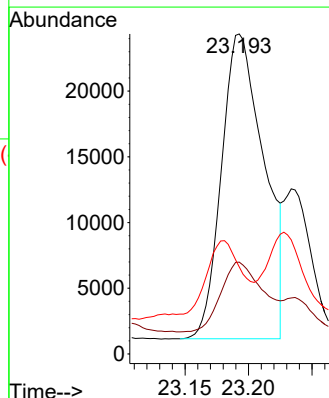
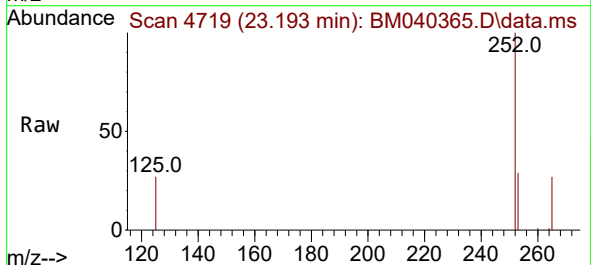
Tgt Ion:252 Resp: 54048

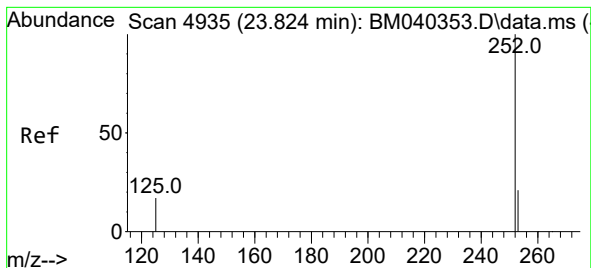
Ion Ratio Lower Upper

252 100

253 28.7 0.0 52.8

125 27.2 0.0 43.0





#26

Benzo(a)pyrene

Concen: 0.487 ng/ul

RT: 23.821 min Scan# 4935

Delta R.T. -0.003 min

Lab File: BM040365.D

Acq: 23 Jun 2023 01:13

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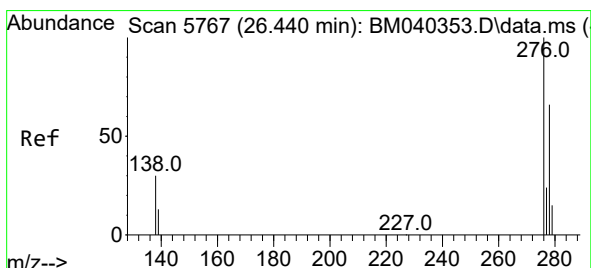
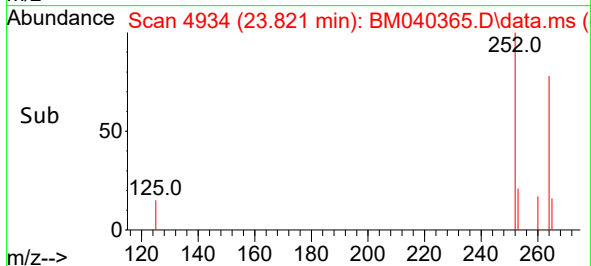
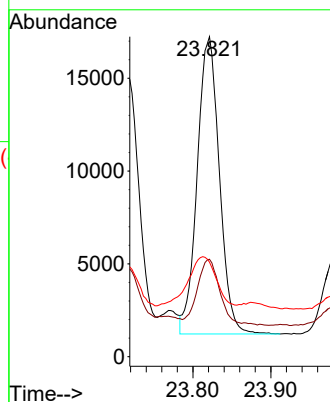
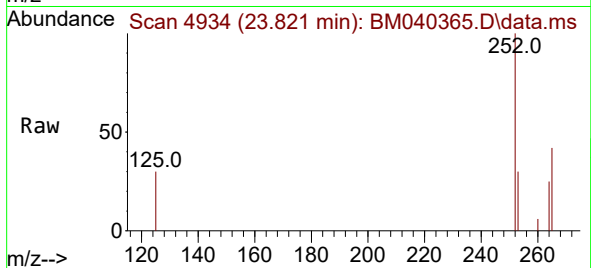
Tgt Ion:252 Resp: 31645

Ion Ratio Lower Upper

252 100

253 30.5 22.9 34.3

125 29.6 21.0 31.4



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.334 ng/ul

RT: 26.431 min Scan# 5764

Delta R.T. -0.003 min

Lab File: BM040365.D

Acq: 23 Jun 2023 01:13

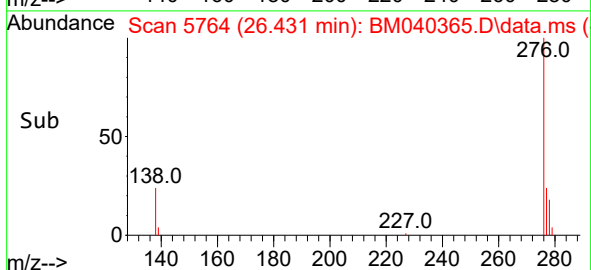
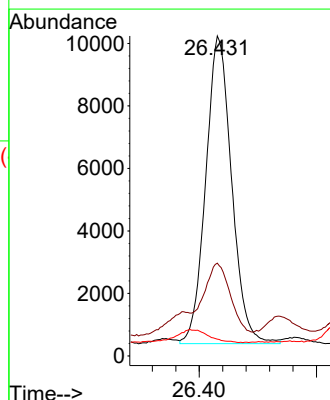
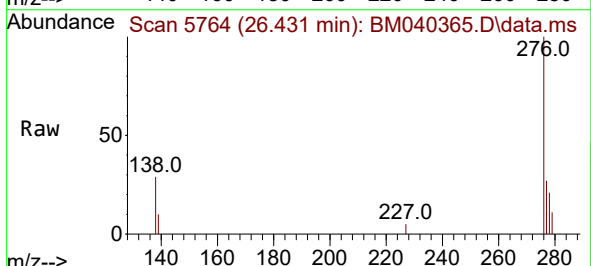
Tgt Ion:276 Resp: 30203

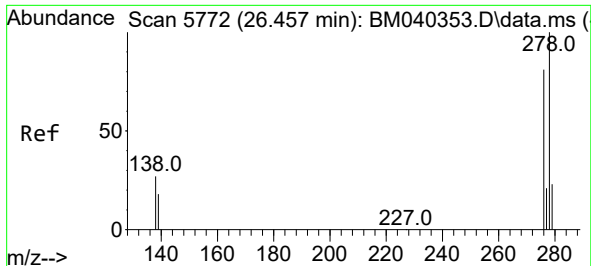
Ion Ratio Lower Upper

276 100

138 22.6 24.5 36.7#

227 0.0 0.1 0.1#

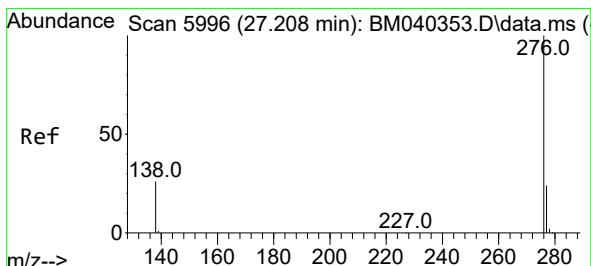
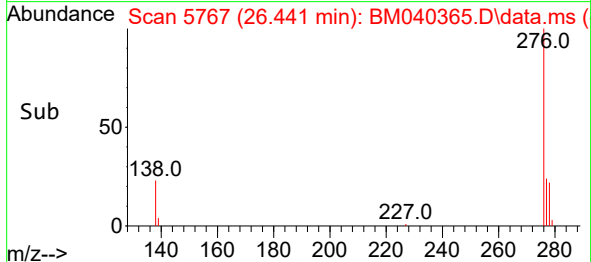
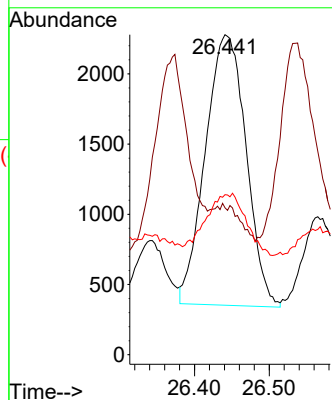
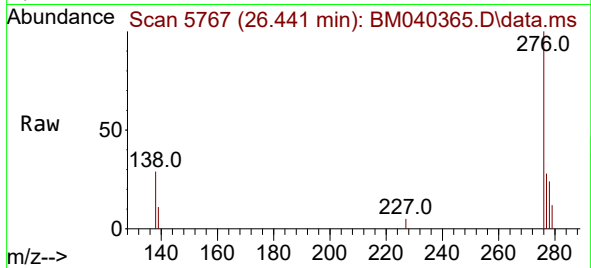




#28
Dibenzo(a,h)anthracene
Concen: 0.103 ng/ul
RT: 26.441 min Scan# 51
Delta R.T. -0.013 min
Lab File: BM040365.D
Acq: 23 Jun 2023 01:13

Instrument :
BNA_M
ClientSampleId :
DCFN3

Tgt Ion:278 Resp: 7291
Ion Ratio Lower Upper
278 100
139 45.9 17.9 26.9#
279 50.0 22.0 33.0#



#29
Benzo(g,h,i)perylene
Concen: 0.372 ng/ul
RT: 27.205 min Scan# 5995
Delta R.T. 0.000 min
Lab File: BM040365.D
Acq: 23 Jun 2023 01:13

Tgt Ion:276 Resp: 29486
Ion Ratio Lower Upper
276 100
138 31.2 23.0 34.6
277 27.8 20.3 30.5

