

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070323\
 Data File : BM040565.D
 Acq On : 03 Jul 2023 08:39
 Operator : MA/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4147

Quant Time: Jul 03 13:35:22 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)

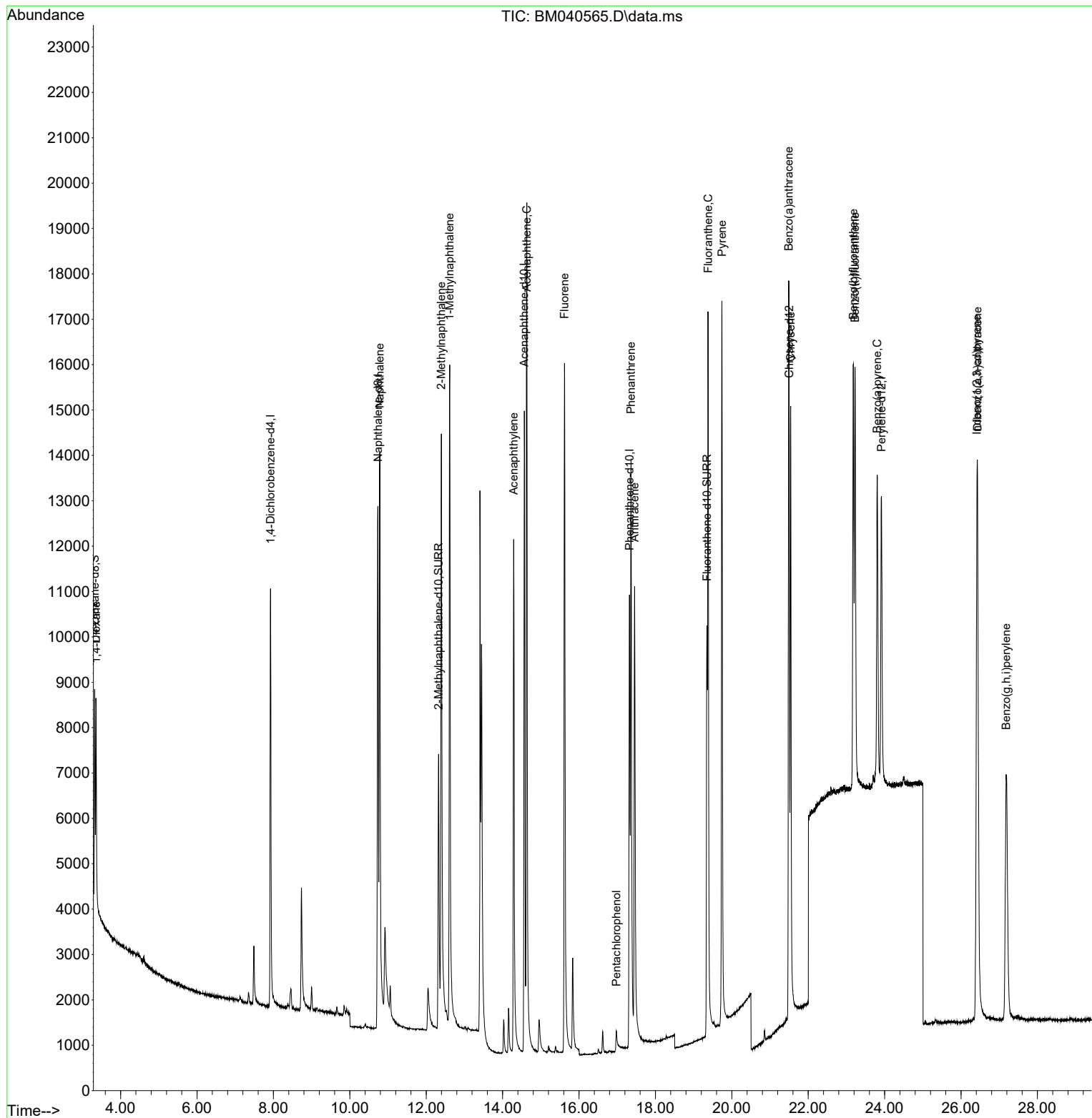
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.924	152	5311	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.734	136	19850	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.568	164	9065	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.320	188	15179	0.400	ng/ul	0.00
17) Chrysene-d12	21.503	240	9863	0.400	ng/ul	0.00
23) Perylene-d12	23.915	264	10618	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.321	96	2835	0.340	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.323	152	10822	0.389	ng/ul	-0.01
18) Fluoranthene-d10	19.347	212	12677	0.401	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.359	88	2981	0.351	ng/ul#	78
5) Naphthalene	10.784	128	20861	0.381	ng/ul	99
7) 2-Methylnaphthalene	12.395	142	12260	0.381	ng/ul	99
8) 1-Methylnaphthalene	12.615	142	11953	0.372	ng/ul	100
10) Acenaphthylene	14.290	152	16396	0.405	ng/ul	99
11) Acenaphthene	14.633	153	12636	0.369	ng/ul	99
12) Fluorene	15.618	166	13131	0.360	ng/ul	100
14) Pentachlorophenol	16.978	266	687	0.235	ng/ul	95
15) Phenanthrene	17.362	178	17117	0.363	ng/ul	99
16) Anthracene	17.455	178	15204	0.384	ng/ul	98
19) Fluoranthene	19.380	202	16096	0.384	ng/ul	98
20) Pyrene	19.742	202	17055	0.380	ng/ul	99
21) Benzo(a)anthracene	21.489	228	13762	0.413	ng/ul	98
22) Chrysene	21.541	228	14070	0.370	ng/ul	98
24) Benzo(b)fluoranthene	23.181	252	14584	0.355	ng/ul	89
25) Benzo(k)fluoranthene	23.225	252	14216	0.351	ng/ul#	88
26) Benzo(a)pyrene	23.804	252	12826	0.347	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.417	276	17913	0.347	ng/ul	94
28) Dibenzo(a,h)anthracene	26.430	278	14169	0.351	ng/ul	93
29) Benzo(g,h,i)perylene	27.182	276	15215	0.337	ng/ul	96

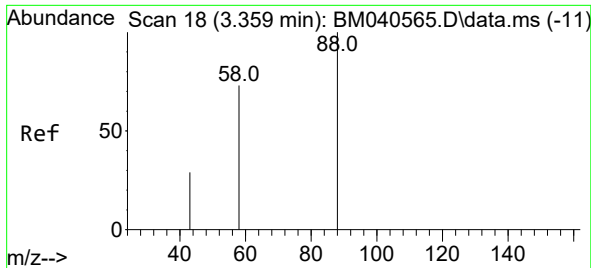
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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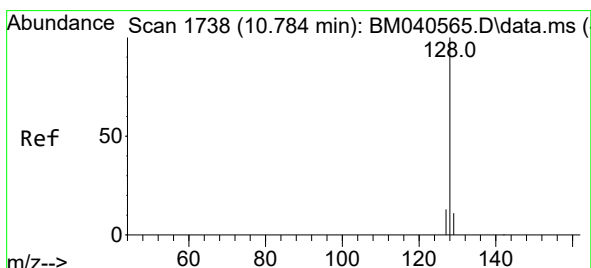
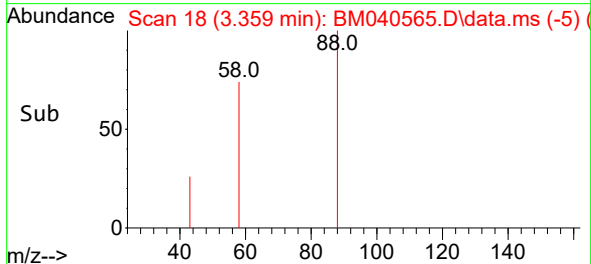
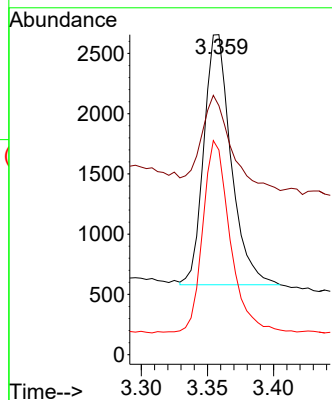
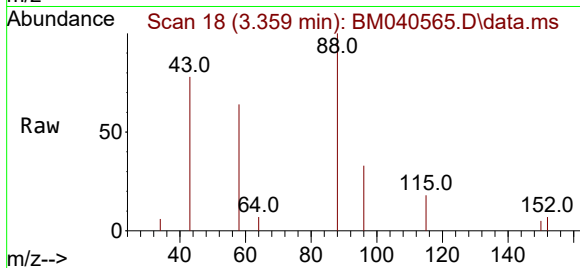




#2
1,4-Dioxane
Concen: 0.351 ng/ul
RT: 3.359 min Scan# 18
Delta R.T. -0.004 min
Lab File: BM040565.D
Acq: 03 Jul 2023 08:39

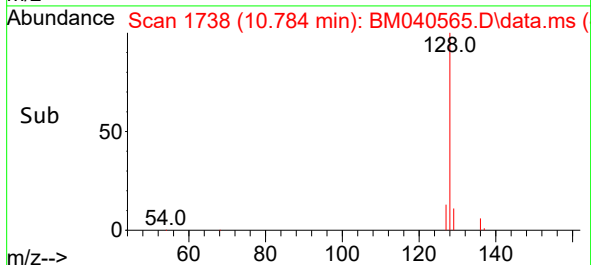
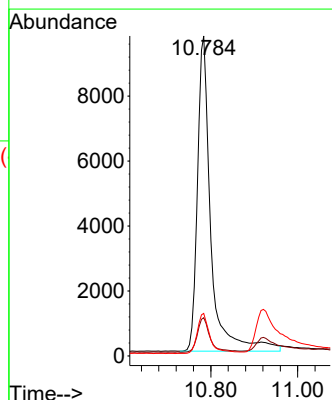
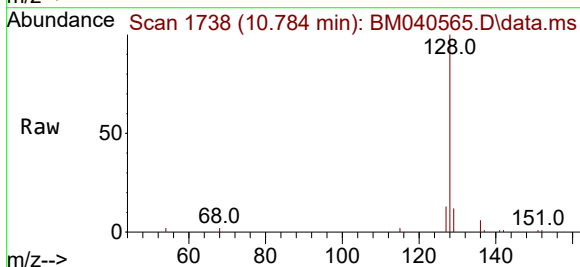
Instrument :
BNA_M
ClientSampleId :
SSTD0.4147

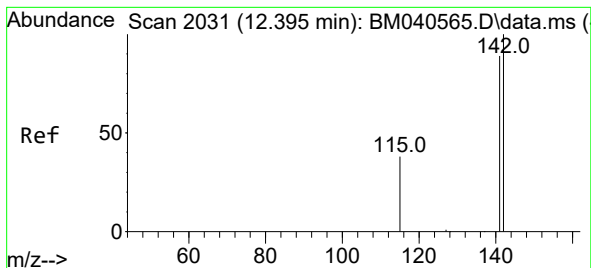
Tgt Ion: 88 Resp: 2981
Ion Ratio Lower Upper
88 100
43 77.8 36.1 54.1#
58 64.0 49.8 74.8



#5
Naphthalene
Concen: 0.381 ng/ul
RT: 10.784 min Scan# 1738
Delta R.T. -0.011 min
Lab File: BM040565.D
Acq: 03 Jul 2023 08:39

Tgt Ion: 128 Resp: 20861
Ion Ratio Lower Upper
128 100
129 11.9 9.2 13.8
127 13.3 10.6 15.8

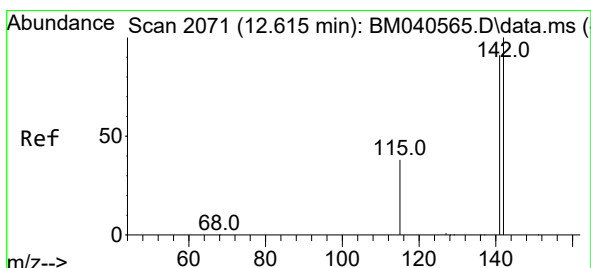
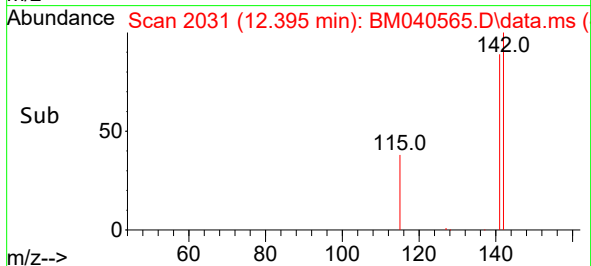
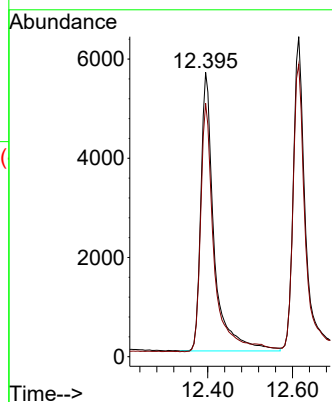
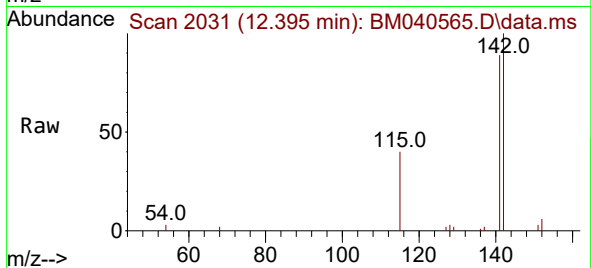




#7
2-Methylnaphthalene
Concen: 0.381 ng/ul
RT: 12.395 min Scan# 2031
Delta R.T. -0.011 min
Lab File: BM040565.D
Acq: 03 Jul 2023 08:39

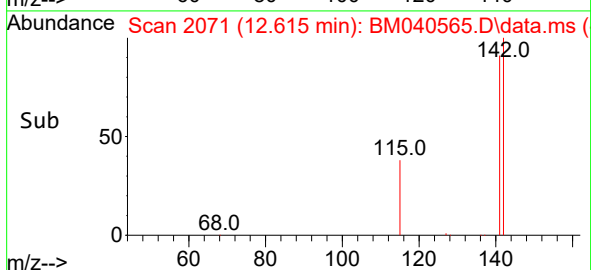
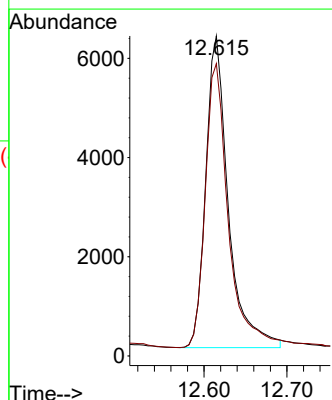
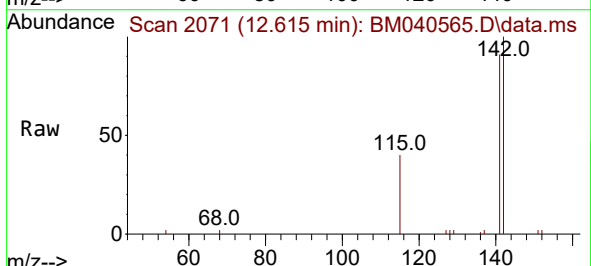
Instrument :
BNA_M
ClientSampleId :
SSTD0.4147

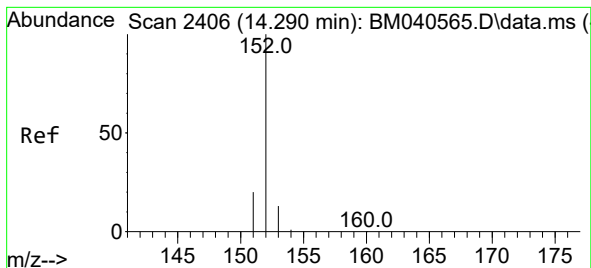
Tgt Ion:142 Resp: 12260
Ion Ratio Lower Upper
142 100
141 91.2 71.9 107.9



#8
1-Methylnaphthalene
Concen: 0.372 ng/ul
RT: 12.615 min Scan# 2071
Delta R.T. -0.011 min
Lab File: BM040565.D
Acq: 03 Jul 2023 08:39

Tgt Ion:142 Resp: 11953
Ion Ratio Lower Upper
142 100
141 92.5 73.7 110.5





#10

Acenaphthylene

Concen: 0.405 ng/ul

RT: 14.290 min Scan# 2406

Delta R.T. -0.009 min

Lab File: BM040565.D

Acq: 03 Jul 2023 08:39

Instrument :

BNA_M

ClientSampleId :

SSTD0.4147

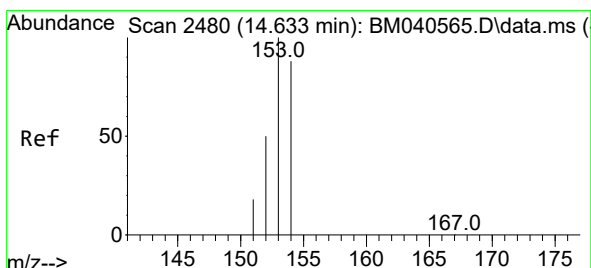
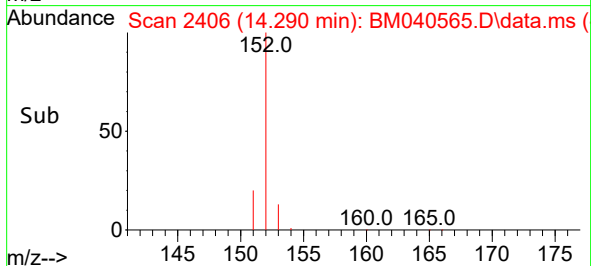
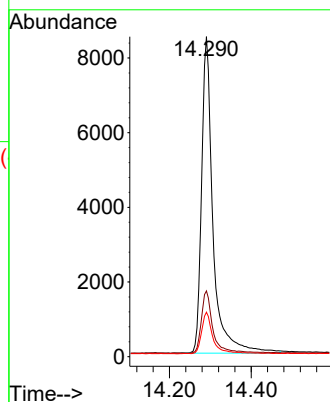
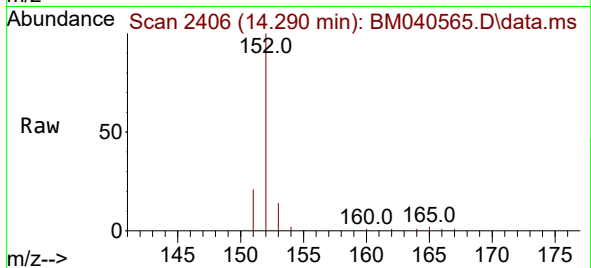
Tgt Ion:152 Resp: 16396

Ion Ratio Lower Upper

152 100

151 20.5 16.2 24.2

153 13.9 10.9 16.3



#11

Acenaphthene

Concen: 0.369 ng/ul

RT: 14.633 min Scan# 2480

Delta R.T. -0.009 min

Lab File: BM040565.D

Acq: 03 Jul 2023 08:39

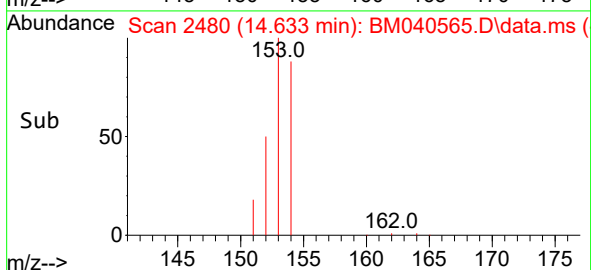
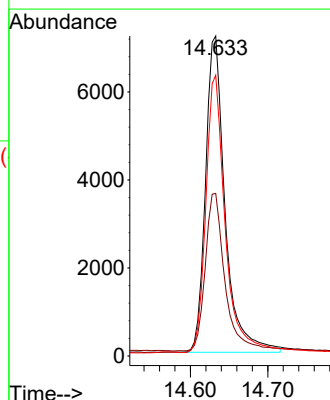
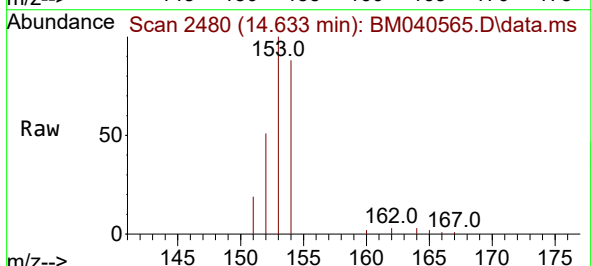
Tgt Ion:153 Resp: 12636

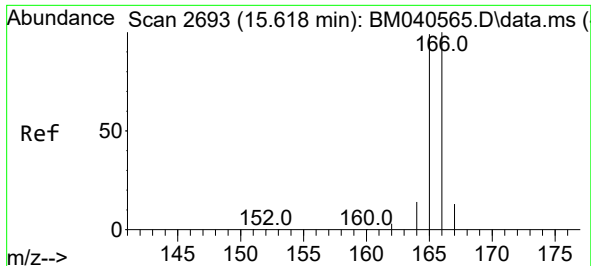
Ion Ratio Lower Upper

153 100

152 50.8 41.0 61.4

154 87.8 70.8 106.2

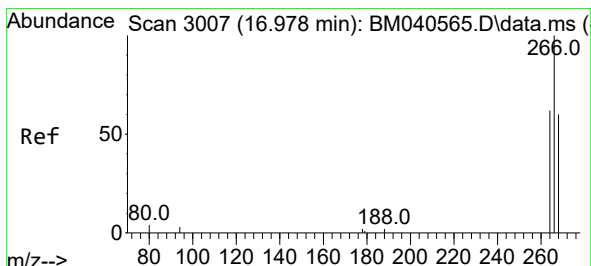
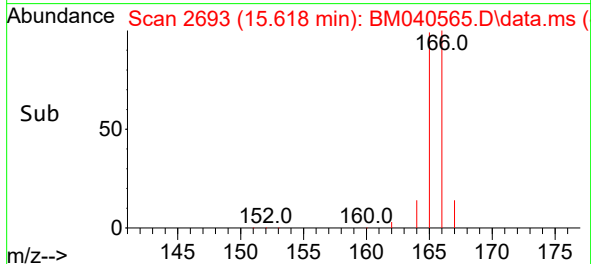
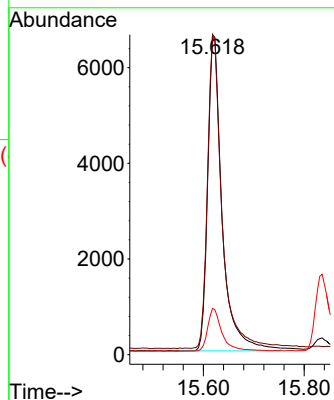
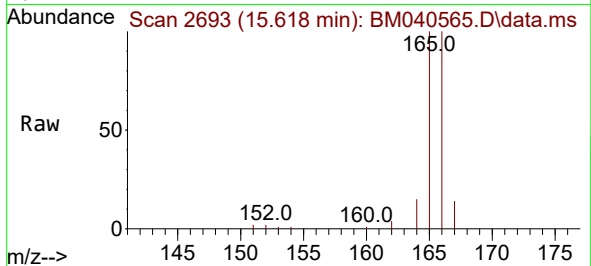




#12
Fluorene
Concen: 0.360 ng/ul
RT: 15.618 min Scan# 2693
Delta R.T. -0.014 min
Lab File: BM040565.D
Acq: 03 Jul 2023 08:39

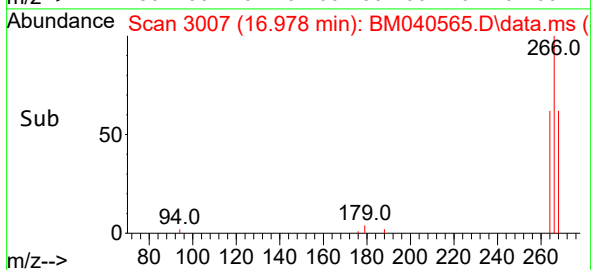
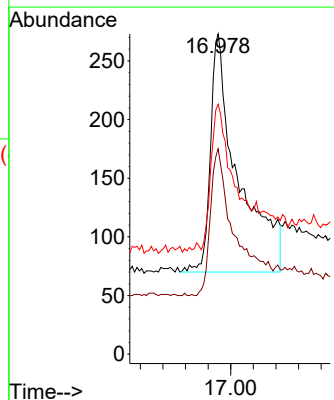
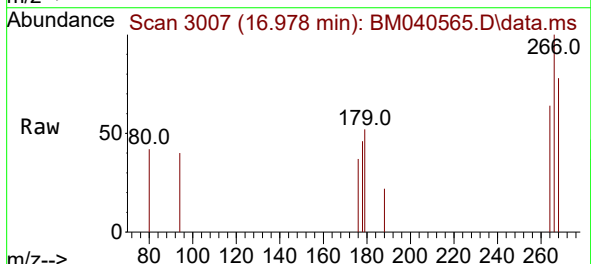
Instrument :
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ClientSampleId :
SSTD0.4147

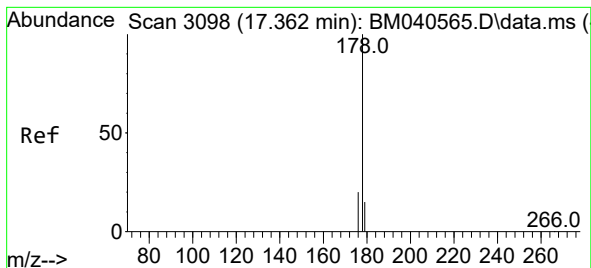
Tgt Ion:166	Resp:	13131
Ion Ratio	Lower	Upper
166	100	
165	99.9	79.6 119.4
167	14.5	11.4 17.0



#14
Pentachlorophenol
Concen: 0.235 ng/ul
RT: 16.978 min Scan# 3007
Delta R.T. -0.004 min
Lab File: BM040565.D
Acq: 03 Jul 2023 08:39

Tgt Ion:266	Resp:	687
Ion Ratio	Lower	Upper
266	100	
264	60.6	45.4 68.0
268	62.7	47.2 70.8





#15

Phenanthrene

Concen: 0.363 ng/ul

RT: 17.362 min Scan# 3098

Delta R.T. -0.008 min

Lab File: BM040565.D

Acq: 03 Jul 2023 08:39

Instrument :

BNA_M

ClientSampleId :

SSTD0.4147

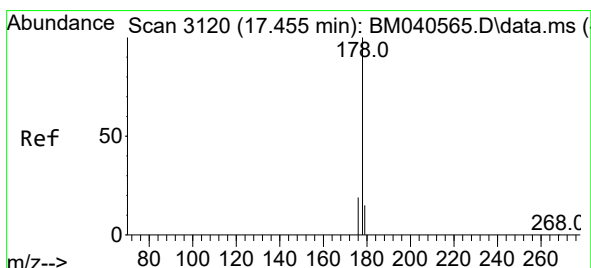
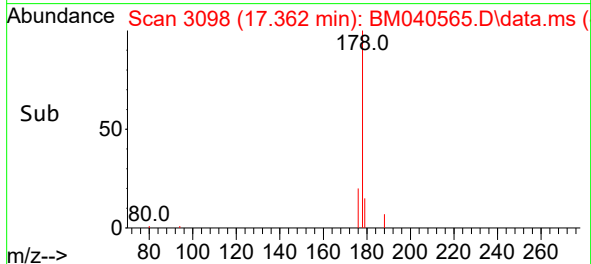
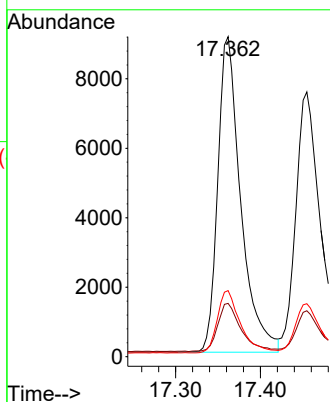
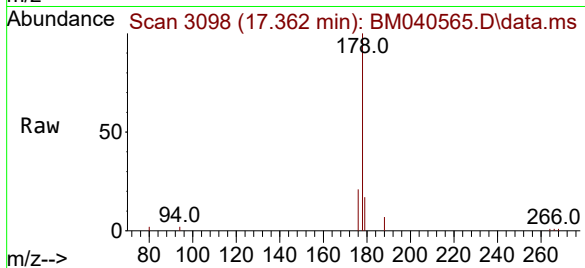
Tgt Ion:178 Resp: 17117

Ion Ratio Lower Upper

178 100

179 16.7 12.8 19.2

176 20.7 16.4 24.6



#16

Anthracene

Concen: 0.384 ng/ul

RT: 17.455 min Scan# 3120

Delta R.T. -0.008 min

Lab File: BM040565.D

Acq: 03 Jul 2023 08:39

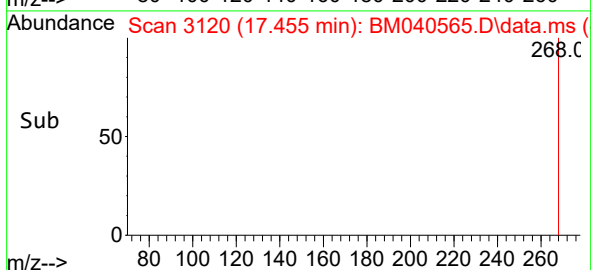
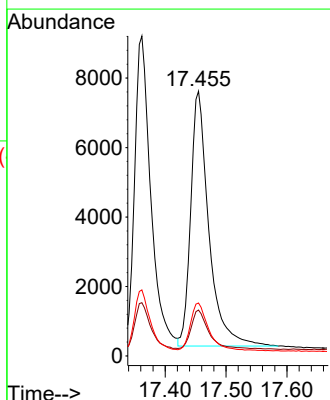
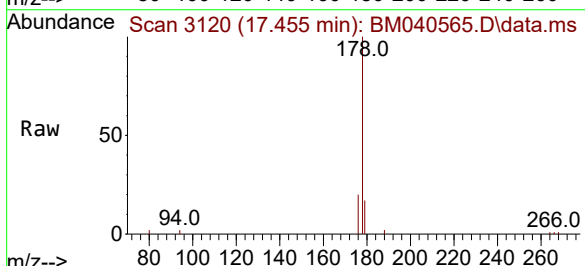
Tgt Ion:178 Resp: 15204

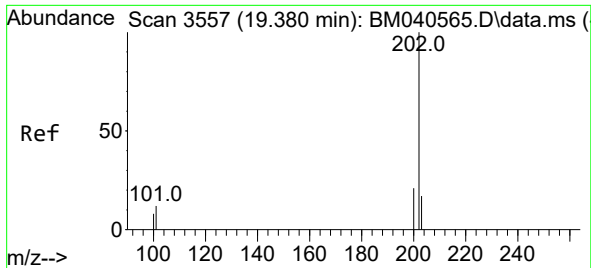
Ion Ratio Lower Upper

178 100

179 17.3 12.9 19.3

176 20.0 15.8 23.6

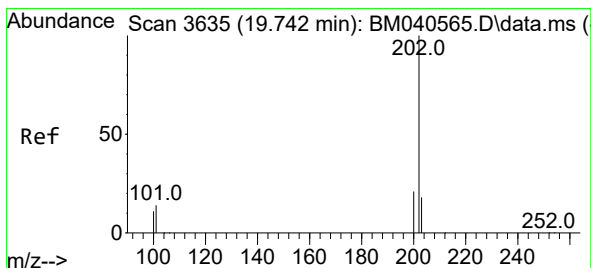
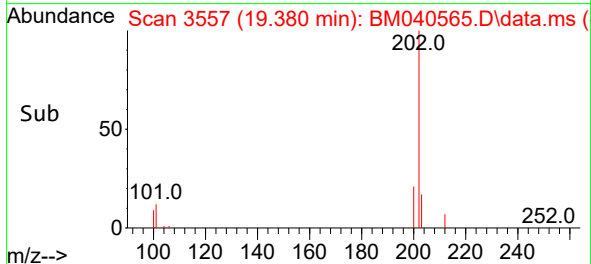
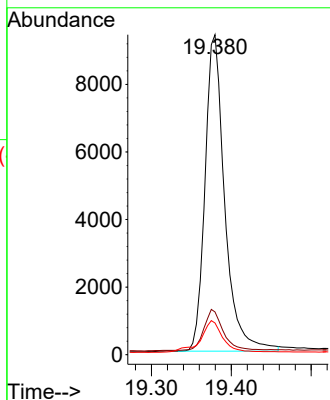
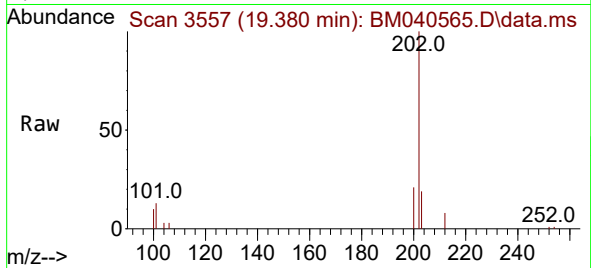




#19
Fluoranthene
Concen: 0.384 ng/ul
RT: 19.380 min Scan# 3557
Delta R.T. -0.004 min
Lab File: BM040565.D
Acq: 03 Jul 2023 08:39

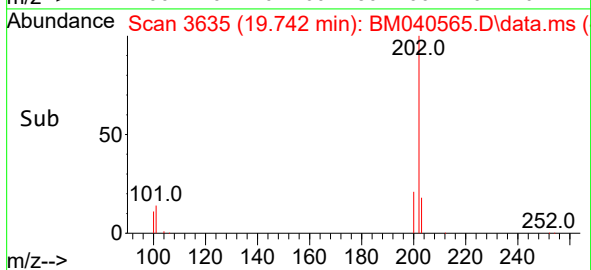
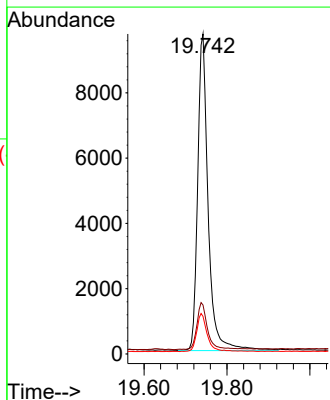
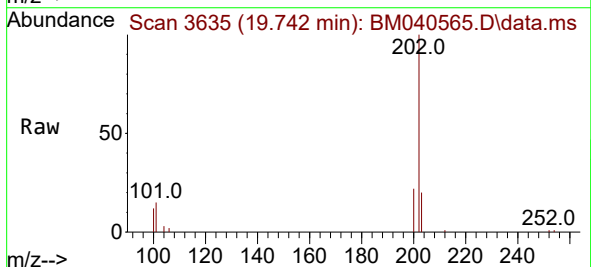
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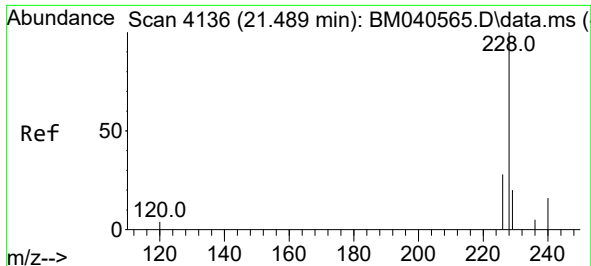
Tgt Ion:202 Resp: 16096
Ion Ratio Lower Upper
202 100
101 13.4 11.4 17.0
100 9.9 8.7 13.1



#20
Pyrene
Concen: 0.380 ng/ul
RT: 19.742 min Scan# 3635
Delta R.T. -0.004 min
Lab File: BM040565.D
Acq: 03 Jul 2023 08:39

Tgt Ion:202 Resp: 17055
Ion Ratio Lower Upper
202 100
101 15.3 12.6 18.8
100 11.7 9.8 14.6

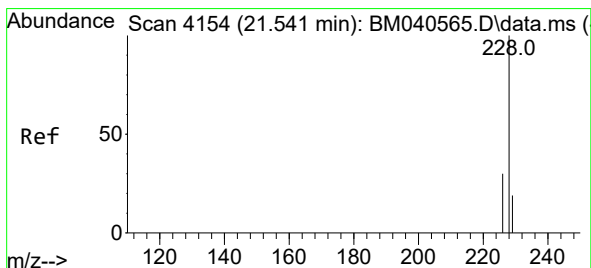
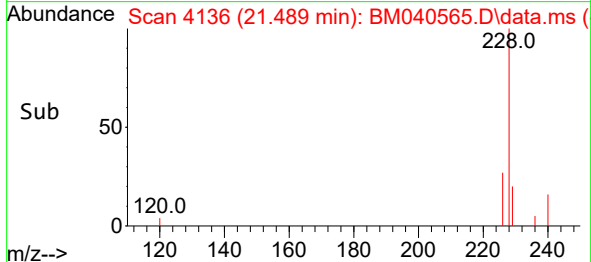
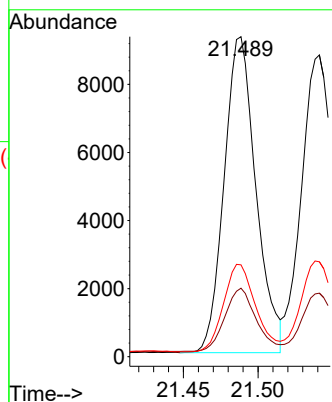
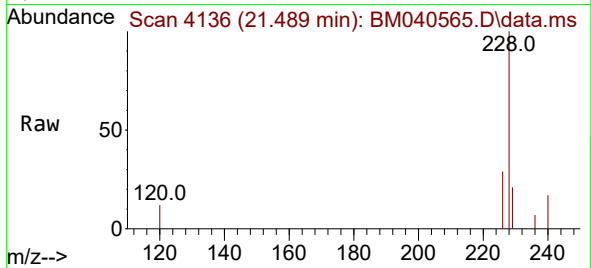




#21
Benzo(a)anthracene
Concen: 0.413 ng/ul
RT: 21.489 min Scan# 4136
Delta R.T. -0.003 min
Lab File: BM040565.D
Acq: 03 Jul 2023 08:39

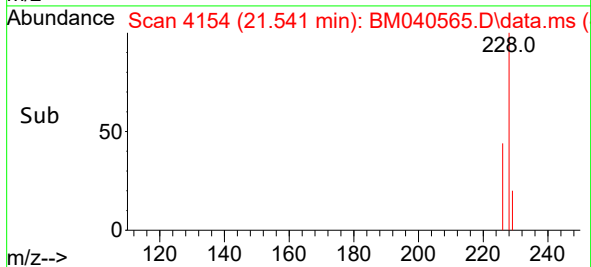
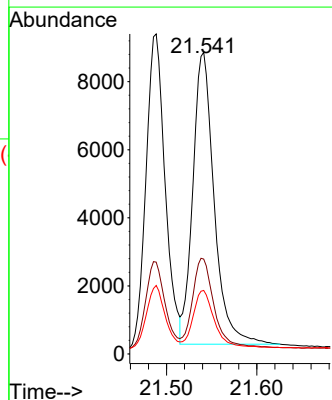
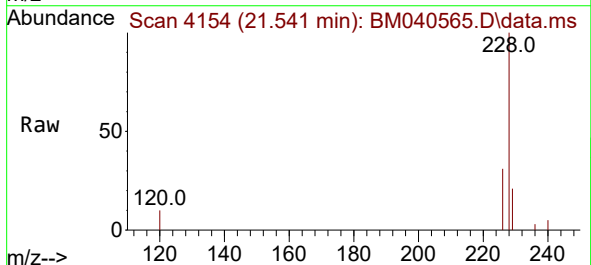
Instrument :
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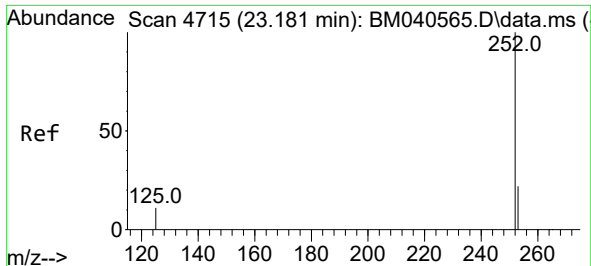
Tgt Ion:228 Resp: 13762
Ion Ratio Lower Upper
228 100
229 21.4 16.0 24.0
226 28.7 22.3 33.5



#22
Chrysene
Concen: 0.370 ng/ul
RT: 21.541 min Scan# 4154
Delta R.T. -0.003 min
Lab File: BM040565.D
Acq: 03 Jul 2023 08:39

Tgt Ion:228 Resp: 14070
Ion Ratio Lower Upper
228 100
226 31.4 24.9 37.3
229 21.1 15.8 23.6

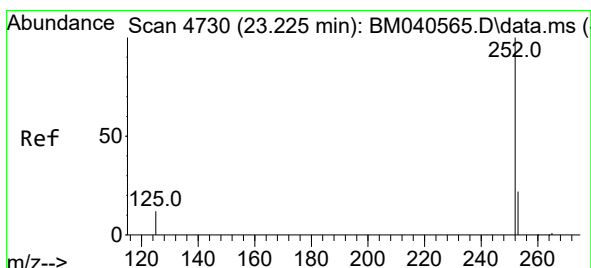
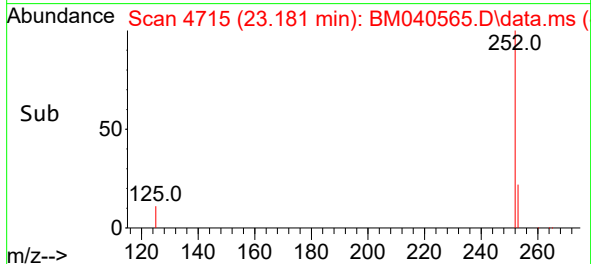
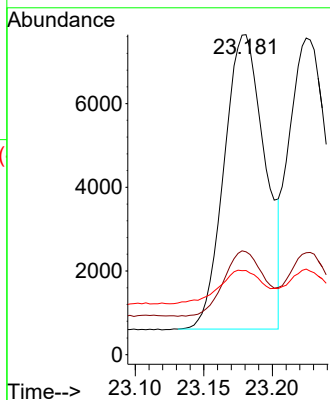
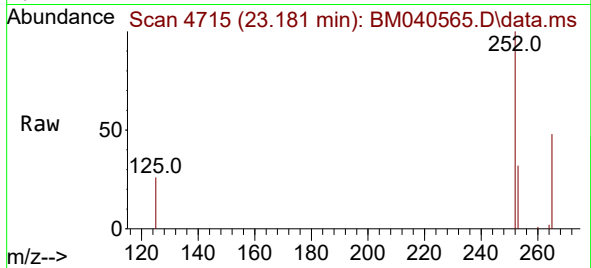




#24
Benzo(b)fluoranthene
Concen: 0.355 ng/ul
RT: 23.181 min Scan# 4715
Delta R.T. 0.000 min
Lab File: BM040565.D
Acq: 03 Jul 2023 08:39

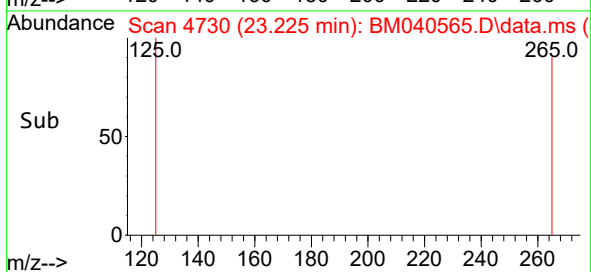
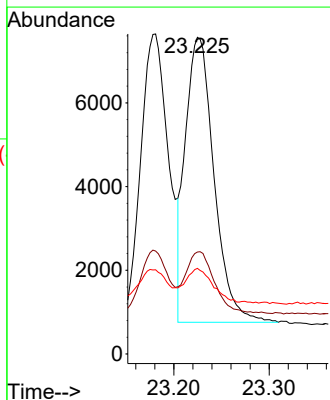
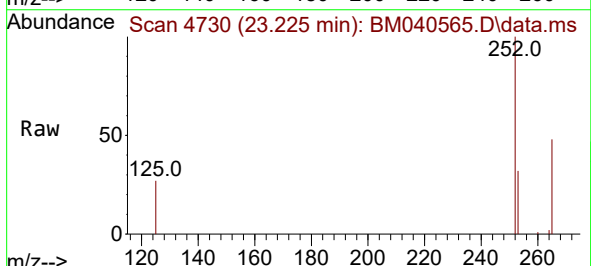
Instrument :
BNA_M
ClientSampleId :
SSTD0.4147

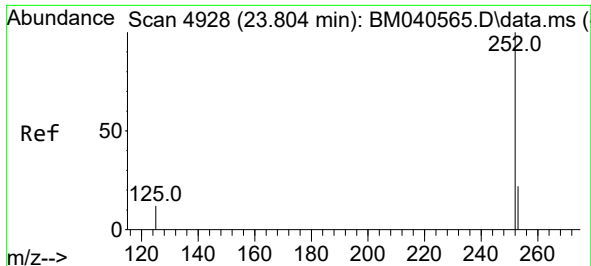
Tgt Ion:252 Resp: 14584
Ion Ratio Lower Upper
252 100
253 32.2 0.0 52.8
125 26.3 0.0 43.0



#25
Benzo(k)fluoranthene
Concen: 0.351 ng/ul
RT: 23.225 min Scan# 4730
Delta R.T. -0.003 min
Lab File: BM040565.D
Acq: 03 Jul 2023 08:39

Tgt Ion:252 Resp: 14216
Ion Ratio Lower Upper
252 100
253 32.2 21.2 31.8#
125 27.1 16.4 24.6#

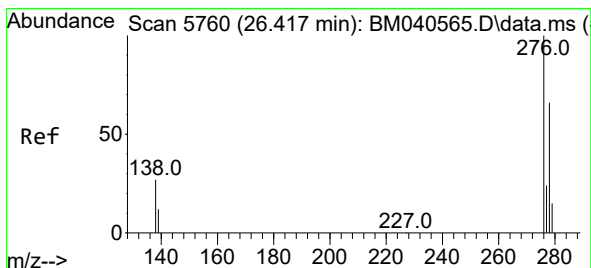
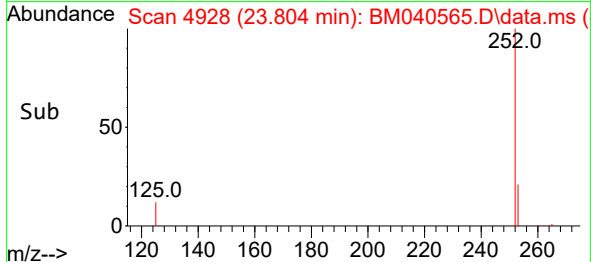
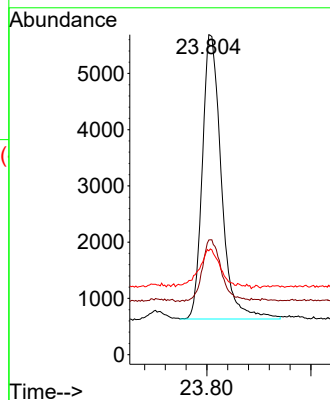
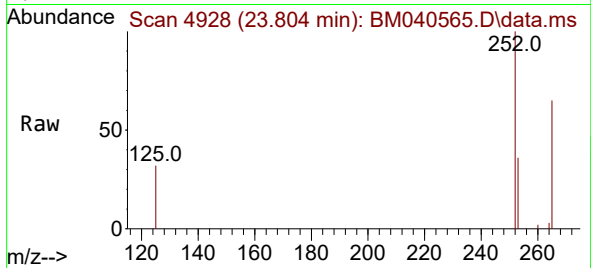




#26
Benzo(a)pyrene
Concen: 0.347 ng/ul
RT: 23.804 min Scan# 4928
Delta R.T. -0.009 min
Lab File: BM040565.D
Acq: 03 Jul 2023 08:39

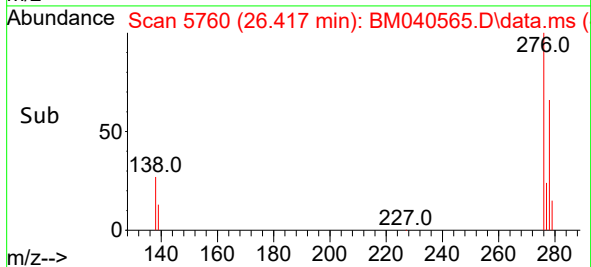
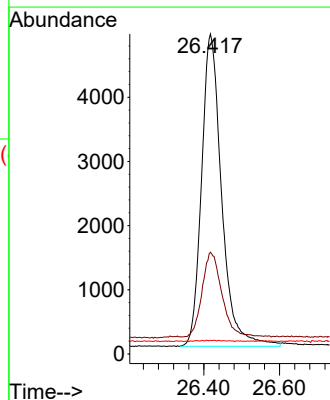
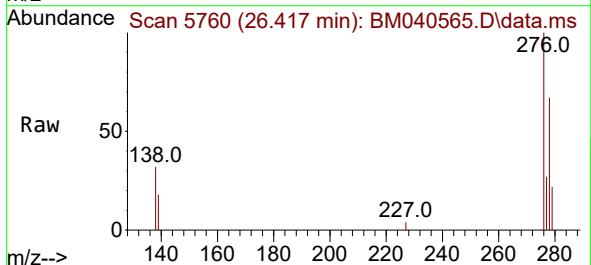
Instrument :
BNA_M
ClientSampleId :
SSTD0.4147

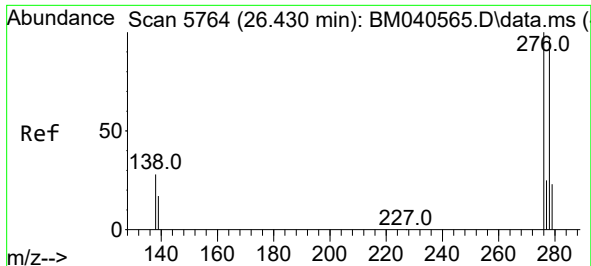
Tgt Ion:252 Resp: 12826
Ion Ratio Lower Upper
252 100
253 35.9 22.9 34.3#
125 32.4 21.0 31.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.347 ng/ul
RT: 26.417 min Scan# 5760
Delta R.T. -0.003 min
Lab File: BM040565.D
Acq: 03 Jul 2023 08:39

Tgt Ion:276 Resp: 17913
Ion Ratio Lower Upper
276 100
138 27.3 24.5 36.7
227 0.1 0.1 0.1

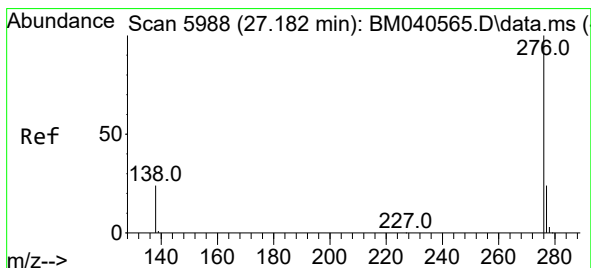
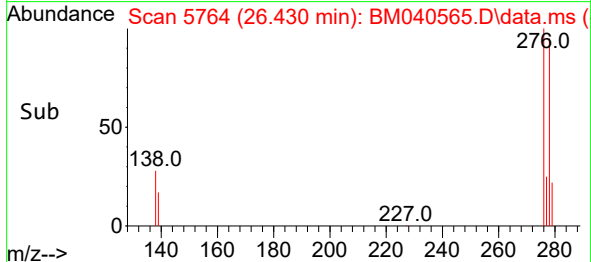
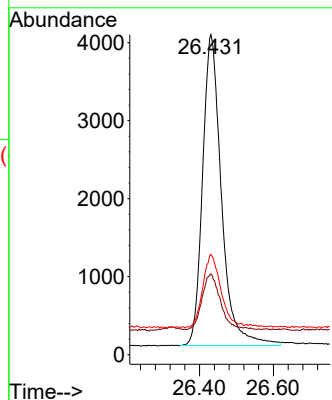
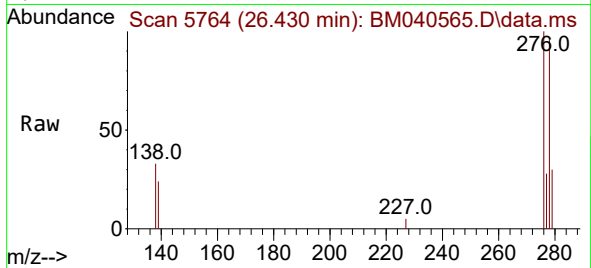




#28
Dibenzo(a,h)anthracene
Concen: 0.351 ng/ul
RT: 26.430 min Scan# 5764
Delta R.T. -0.007 min
Lab File: BM040565.D
Acq: 03 Jul 2023 08:39

Instrument :
BNA_M
ClientSampleId :
SSTD0.4147

Tgt Ion:278 Resp: 14169
Ion Ratio Lower Upper
278 100
139 25.3 17.9 26.9
279 31.4 22.0 33.0



#29
Benzo(g,h,i)perylene
Concen: 0.337 ng/ul
RT: 27.182 min Scan# 5988
Delta R.T. -0.003 min
Lab File: BM040565.D
Acq: 03 Jul 2023 08:39

Tgt Ion:276 Resp: 15215
Ion Ratio Lower Upper
276 100
138 30.7 23.0 34.6
277 27.7 20.3 30.5

