

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072423\
 Data File : BM041073.D
 Acq On : 24 Jul 2023 13:12
 Operator : MA/JU
 Sample : SSTD0.202
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.2037

Quant Time: Jul 25 00:07:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM072423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 24 16:22:33 2023
 Response via : Initial Calibration

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

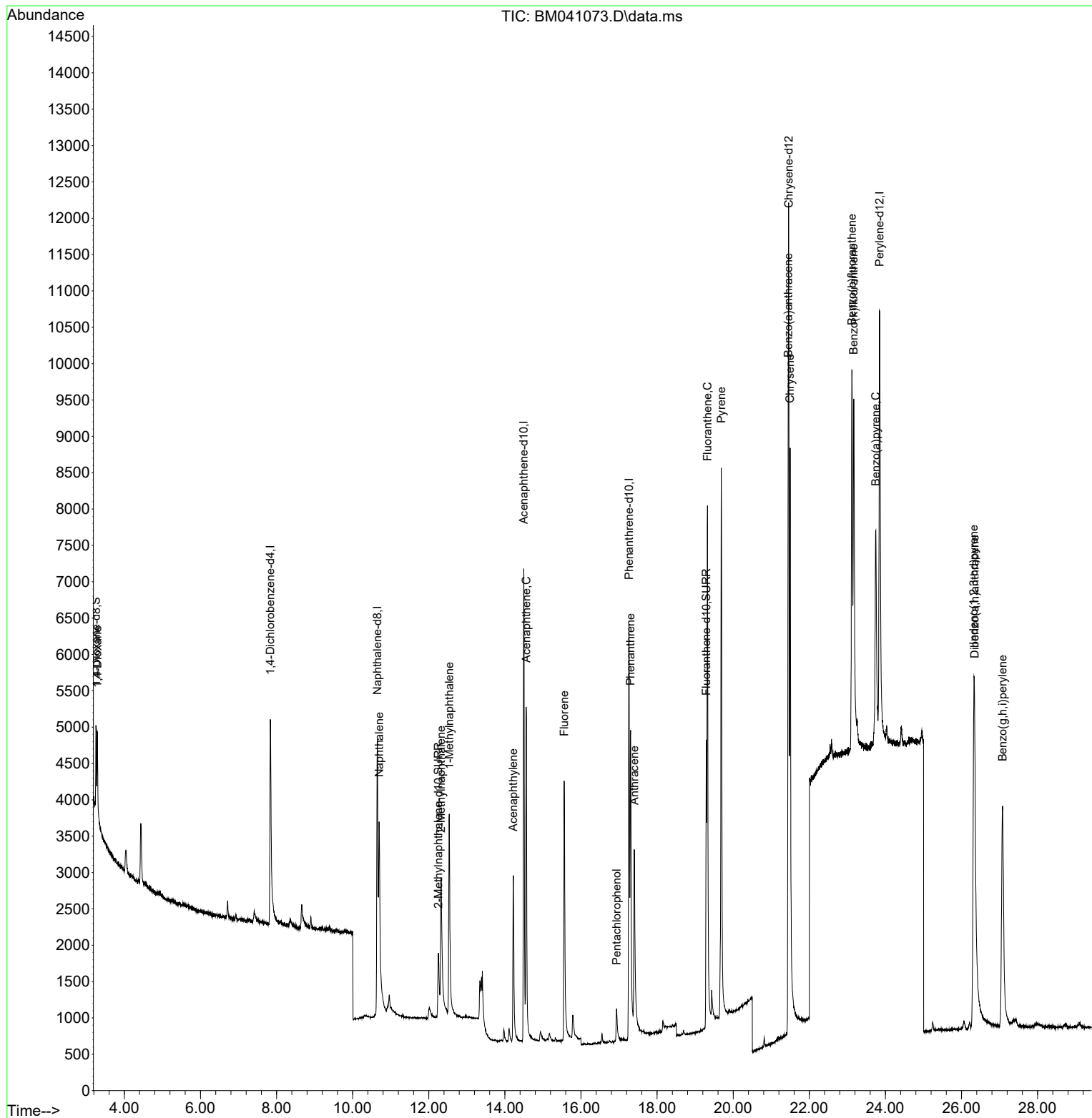
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.836	152	2437	0.400	ng/ul	0.00
4) Naphthalene-d8	10.647	136	8026	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.495	164	4199	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.261	188	8590	0.400	ng/ul	0.00
17) Chrysene-d12	21.460	240	9981	0.400	ng/ul	0.00
23) Perylene-d12	23.848	264	9829	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	790	0.210	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.253	152	2272	0.198	ng/ul	0.00
18) Fluoranthene-d10	19.292	212	5331	0.196	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.292	88	819	0.213	ng/ul#	57
5) Naphthalene	10.697	128	5524	0.211	ng/ul#	94
7) 2-Methylnaphthalene	12.324	142	2492	0.195	ng/ul	98
8) 1-Methylnaphthalene	12.539	142	2615	0.199	ng/ul	99
10) Acenaphthylene	14.222	152	3554	0.200	ng/ul	97
11) Acenaphthene	14.560	153	3001	0.201	ng/ul	98
12) Fluorene	15.559	166	3272	0.200	ng/ul#	97
14) Pentachlorophenol	16.936	266	534	0.214	ng/ul	98
15) Phenanthrene	17.303	178	5458	0.206	ng/ul	98
16) Anthracene	17.400	178	4333	0.202	ng/ul	94
19) Fluoranthene	19.324	202	7149	0.200	ng/ul	98
20) Pyrene	19.687	202	8007	0.203	ng/ul	96
21) Benzo(a)anthracene	21.445	228	6906	0.207	ng/ul	99
22) Chrysene	21.495	228	8035	0.208	ng/ul	99
24) Benzo(b)fluoranthene	23.120	252	7930	0.202	ng/ul	89
25) Benzo(k)fluoranthene	23.167	252	7515	0.201	ng/ul#	87
26) Benzo(a)pyrene	23.749	252	6423	0.202	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	26.324	276	9365	0.199	ng/ul	98
28) Dibenzo(a,h)anthracene	26.344	278	7276	0.198	ng/ul#	88
29) Benzo(g,h,i)perylene	27.078	276	8417	0.201	ng/ul	96

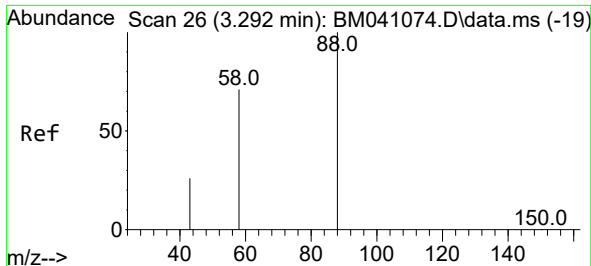
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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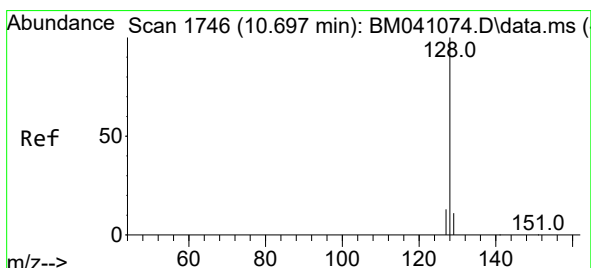
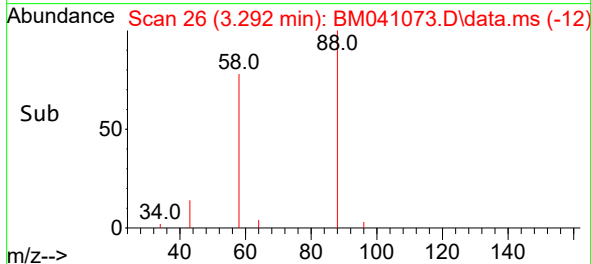
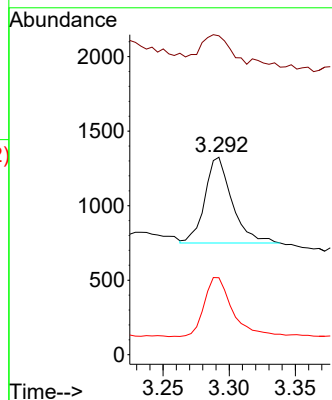
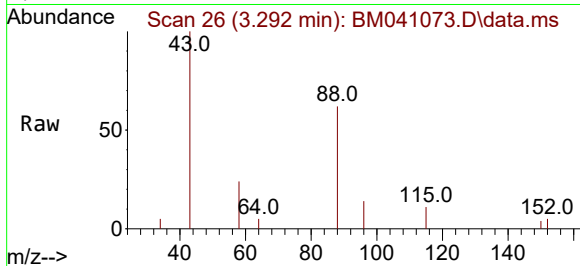




#2
1,4-Dioxane
Concen: 0.213 ng/ul
RT: 3.292 min Scan# 20
Delta R.T. 0.000 min
Lab File: BM041073.D
Acq: 24 Jul 2023 13:12

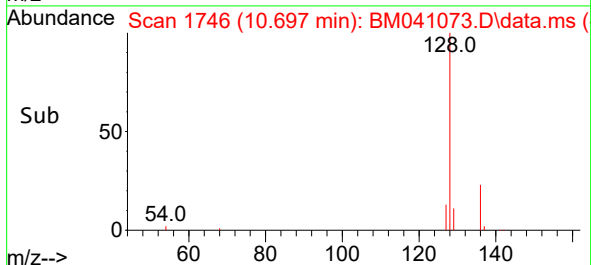
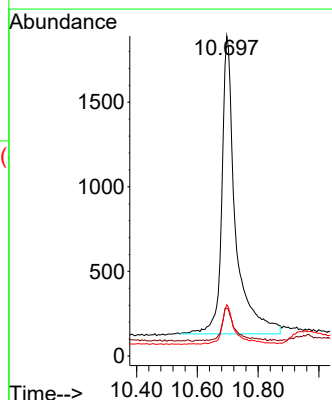
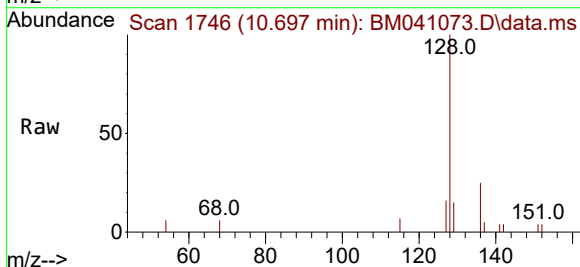
Instrument :
BNA_M
ClientSampleId :
SSTD0.2037

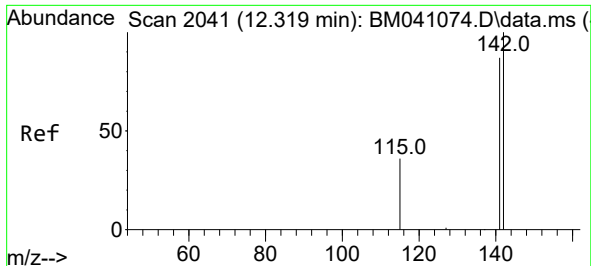
Tgt Ion: 88 Resp: 819
Ion Ratio Lower Upper
88 100
43 161.5 83.1 124.7#
58 39.0 38.8 58.2



#5
Naphthalene
Concen: 0.211 ng/ul
RT: 10.697 min Scan# 1746
Delta R.T. 0.000 min
Lab File: BM041073.D
Acq: 24 Jul 2023 13:12

Tgt Ion: 128 Resp: 5524
Ion Ratio Lower Upper
128 100
129 15.0 9.8 14.8#
127 16.0 11.1 16.7

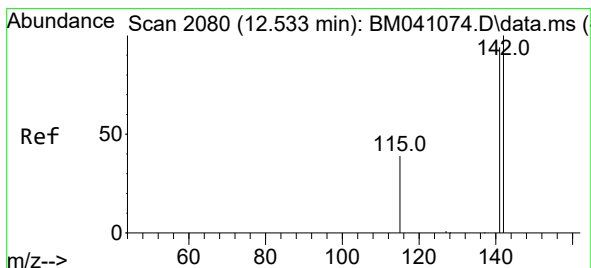
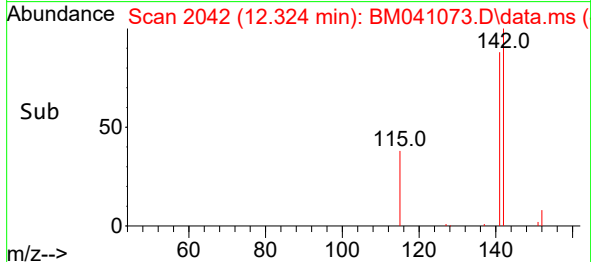
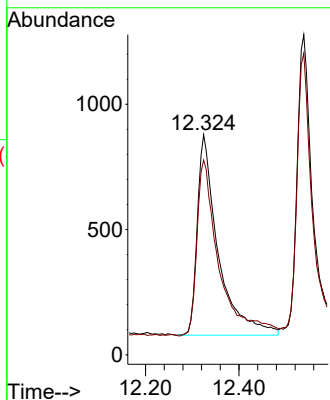
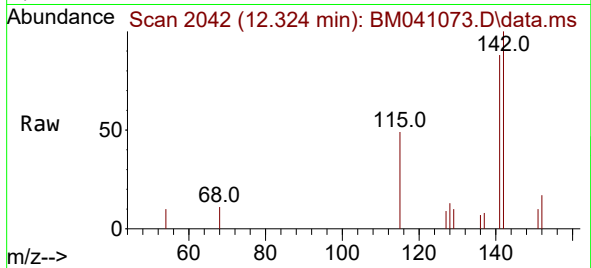




#7
2-Methylnaphthalene
Concen: 0.195 ng/ul
RT: 12.324 min Scan# 2042
Delta R.T. 0.006 min
Lab File: BM041073.D
Acq: 24 Jul 2023 13:12

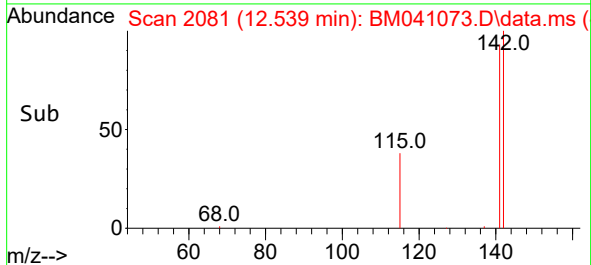
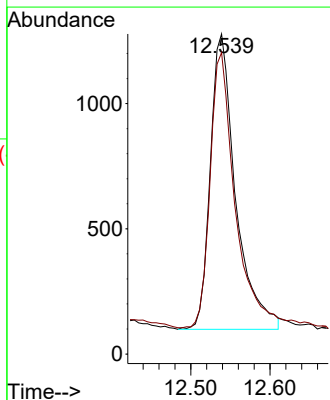
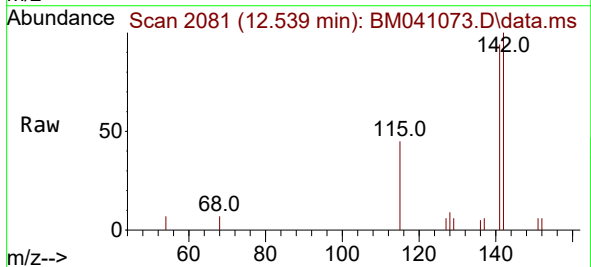
Instrument :
BNA_M
ClientSampleId :
SSTD0.2037

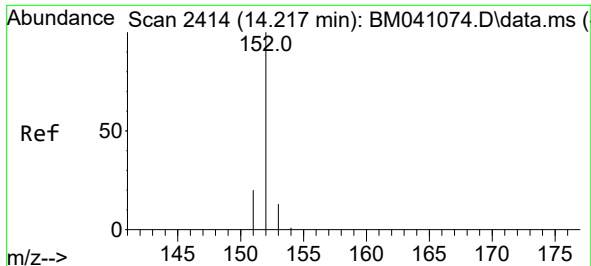
Tgt Ion:142 Resp: 2492
Ion Ratio Lower Upper
142 100
141 93.7 73.3 109.9



#8
1-Methylnaphthalene
Concen: 0.199 ng/ul
RT: 12.539 min Scan# 2081
Delta R.T. 0.006 min
Lab File: BM041073.D
Acq: 24 Jul 2023 13:12

Tgt Ion:142 Resp: 2615
Ion Ratio Lower Upper
142 100
141 91.4 73.6 110.4

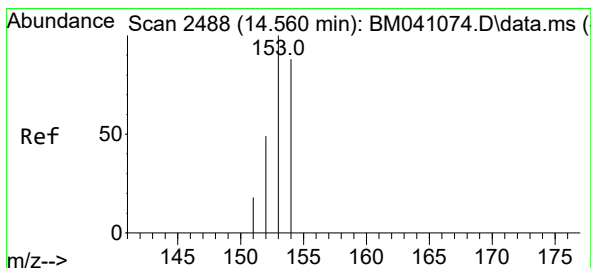
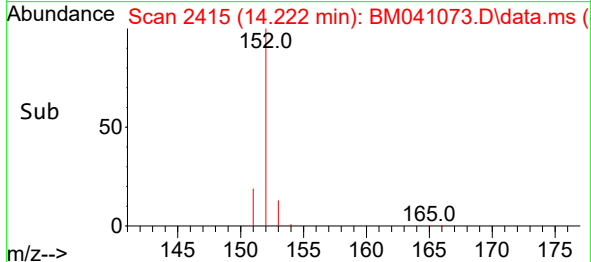
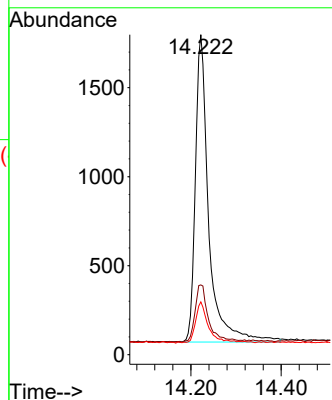
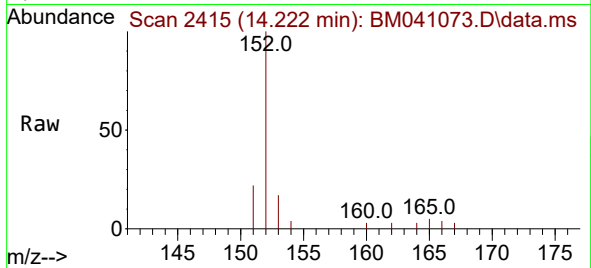




#10
Acenaphthylene
Concen: 0.200 ng/ul
RT: 14.222 min Scan# 2415
Delta R.T. 0.005 min
Lab File: BM041073.D
Acq: 24 Jul 2023 13:12

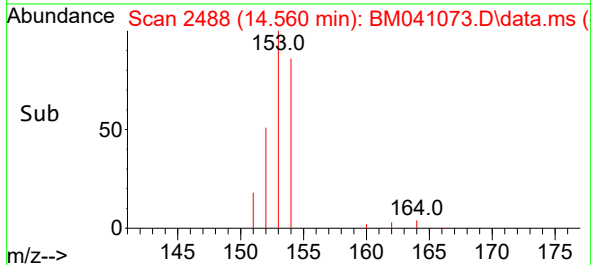
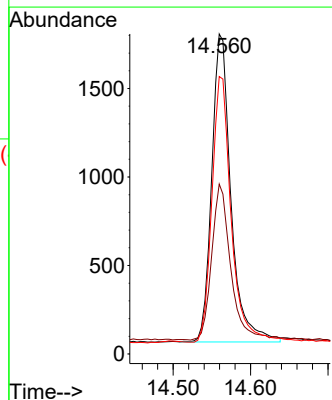
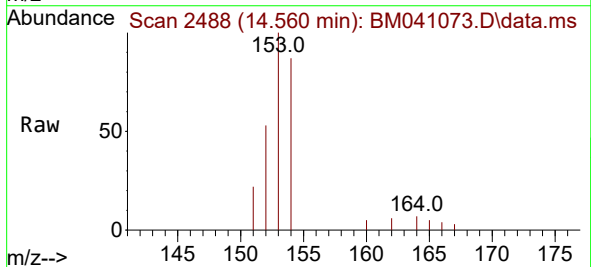
Instrument :
BNA_M
ClientSampleId :
SSTD0.2037

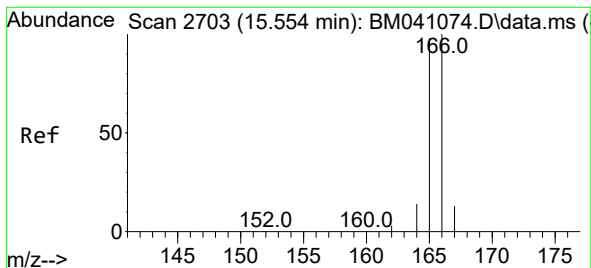
Tgt Ion:152 Resp: 3554
Ion Ratio Lower Upper
152 100
151 21.8 16.8 25.2
153 16.5 11.4 17.2



#11
Acenaphthene
Concen: 0.201 ng/ul
RT: 14.560 min Scan# 2488
Delta R.T. 0.000 min
Lab File: BM041073.D
Acq: 24 Jul 2023 13:12

Tgt Ion:153 Resp: 3001
Ion Ratio Lower Upper
153 100
152 53.1 40.2 60.4
154 86.7 70.3 105.5





#12

Fluorene

Concen: 0.200 ng/ul

RT: 15.559 min Scan# 21

Delta R.T. 0.005 min

Lab File: BM041073.D

Acq: 24 Jul 2023 13:12

Instrument :

BNA_M

ClientSampleId :

SSTD0.2037

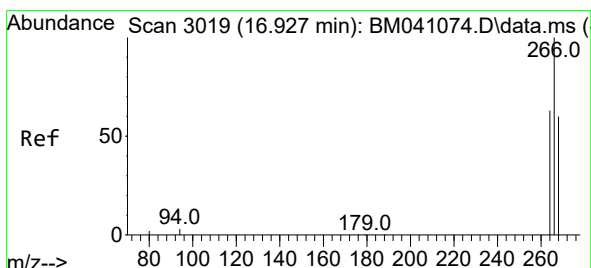
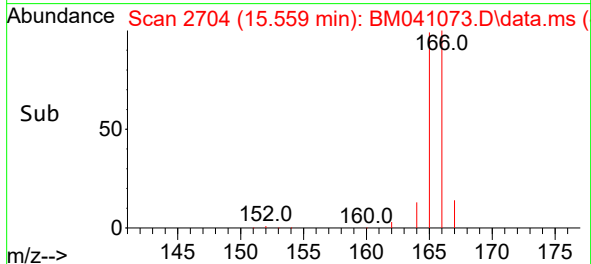
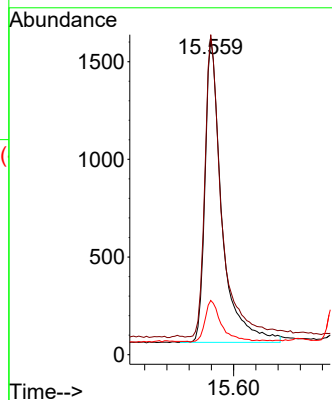
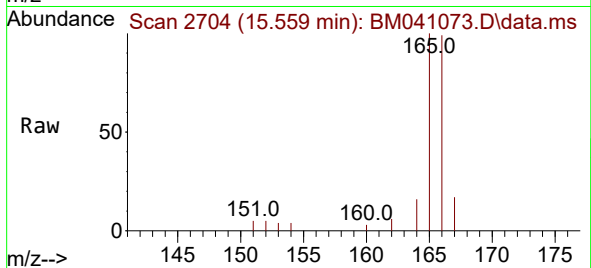
Tgt Ion:166 Resp: 3272

Ion Ratio Lower Upper

166 100

165 101.2 79.4 119.0

167 17.2 11.4 17.2#



#14

Pentachlorophenol

Concen: 0.214 ng/ul

RT: 16.936 min Scan# 3021

Delta R.T. 0.008 min

Lab File: BM041073.D

Acq: 24 Jul 2023 13:12

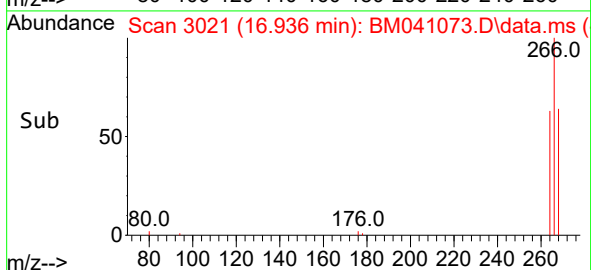
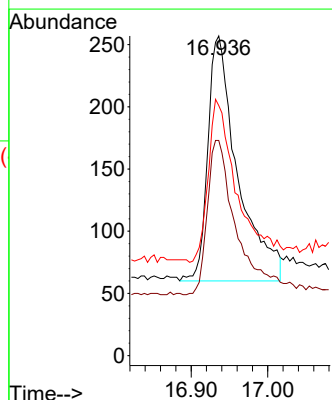
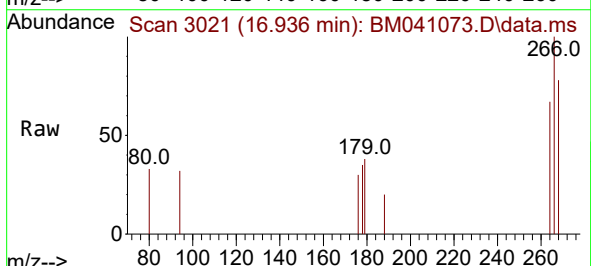
Tgt Ion:266 Resp: 534

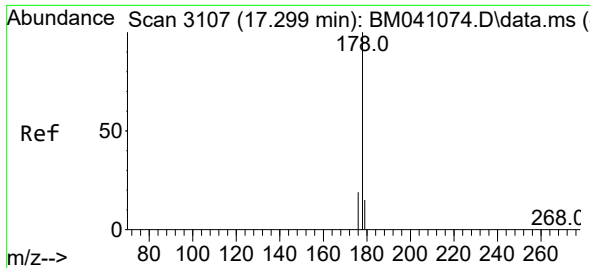
Ion Ratio Lower Upper

266 100

264 60.9 49.2 73.8

268 64.2 49.9 74.9

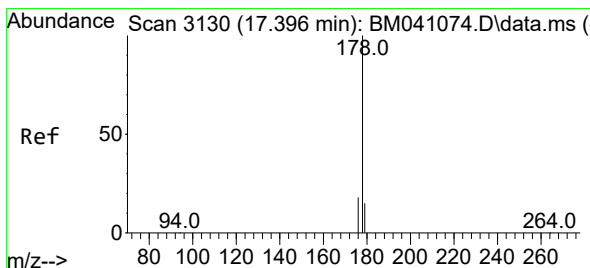
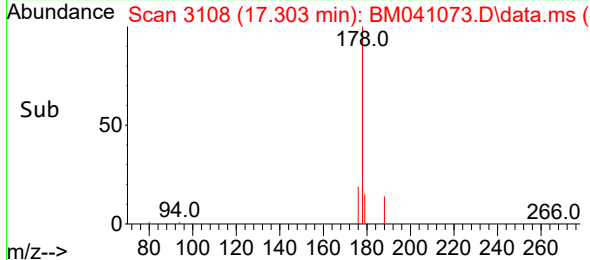
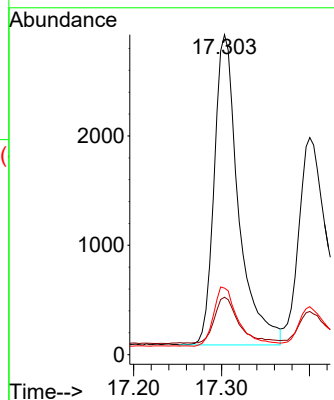
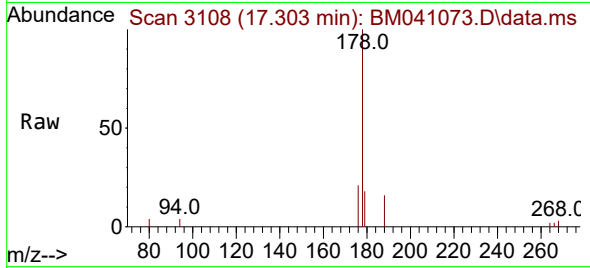




#15
Phenanthrene
Concen: 0.206 ng/ul
RT: 17.303 min Scan# 3108
Delta R.T. 0.004 min
Lab File: BM041073.D
Acq: 24 Jul 2023 13:12

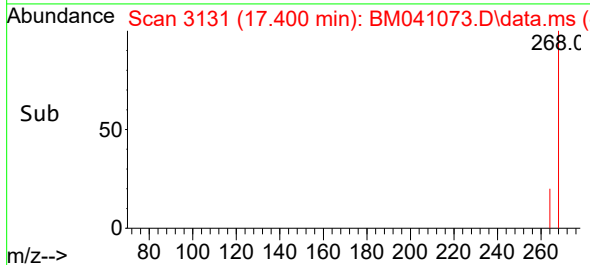
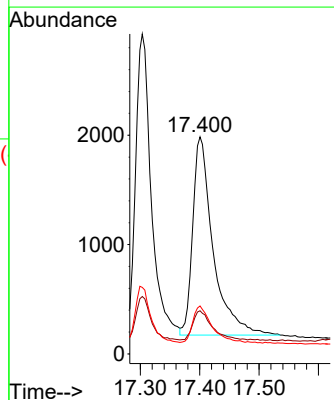
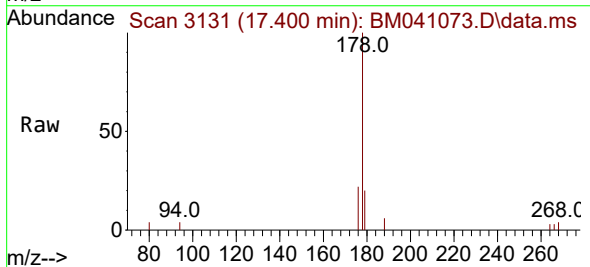
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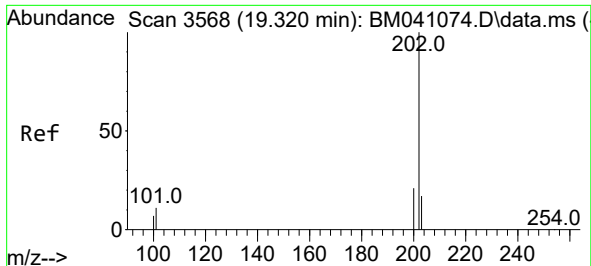
Tgt Ion:178 Resp: 5458
Ion Ratio Lower Upper
178 100
179 17.9 13.4 20.2
176 20.8 16.0 24.0



#16
Anthracene
Concen: 0.202 ng/ul
RT: 17.400 min Scan# 3131
Delta R.T. 0.004 min
Lab File: BM041073.D
Acq: 24 Jul 2023 13:12

Tgt Ion:178 Resp: 4333
Ion Ratio Lower Upper
178 100
179 19.9 13.6 20.4
176 22.1 16.0 24.0

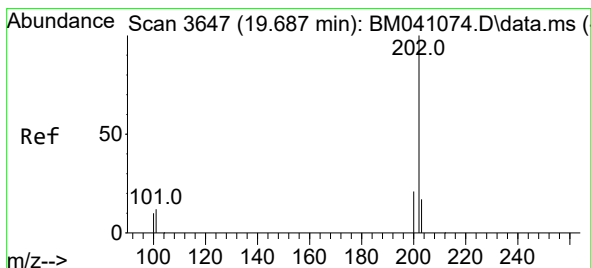
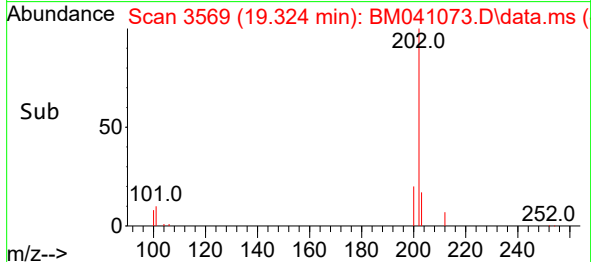
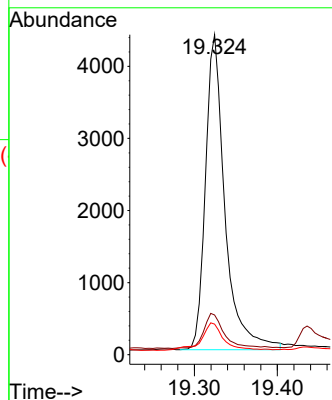
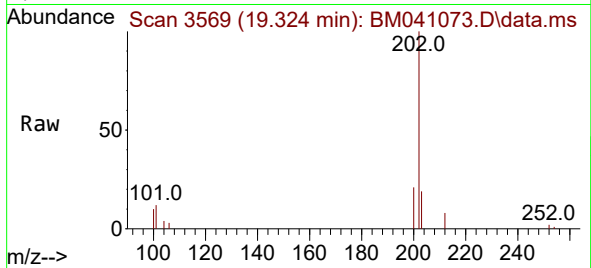




#19
Fluoranthene
Concen: 0.200 ng/ul
RT: 19.324 min Scan# 3568
Delta R.T. 0.005 min
Lab File: BM041073.D
Acq: 24 Jul 2023 13:12

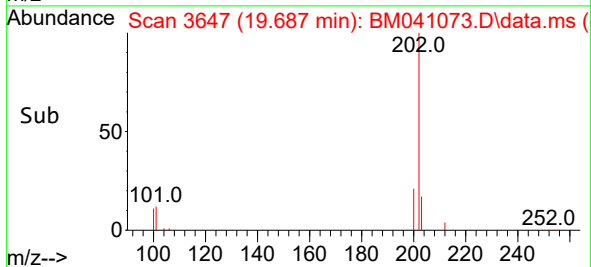
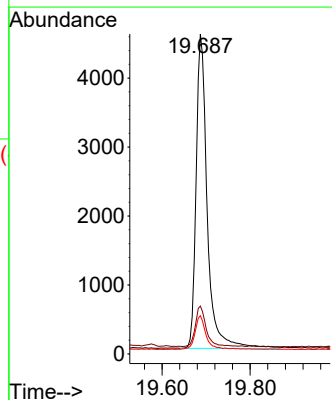
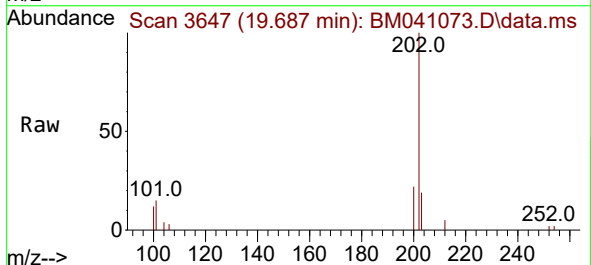
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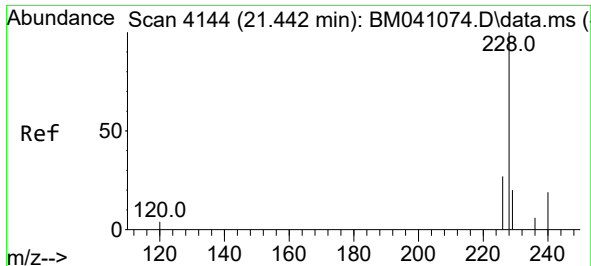
Tgt Ion:202 Resp: 7149
Ion Ratio Lower Upper
202 100
101 12.4 9.4 14.0
100 9.6 7.1 10.7



#20
Pyrene
Concen: 0.203 ng/ul
RT: 19.687 min Scan# 3647
Delta R.T. 0.000 min
Lab File: BM041073.D
Acq: 24 Jul 2023 13:12

Tgt Ion:202 Resp: 8007
Ion Ratio Lower Upper
202 100
101 15.0 10.7 16.1
100 11.9 8.5 12.7

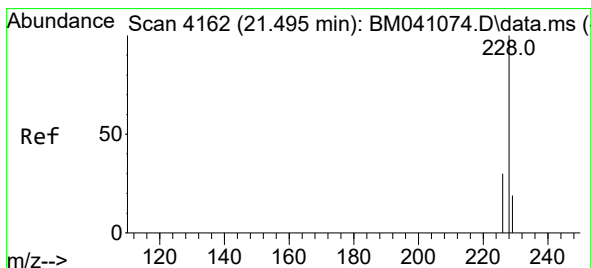
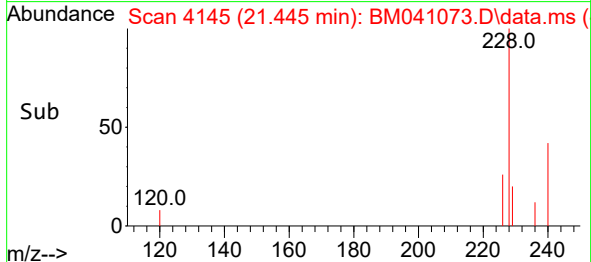
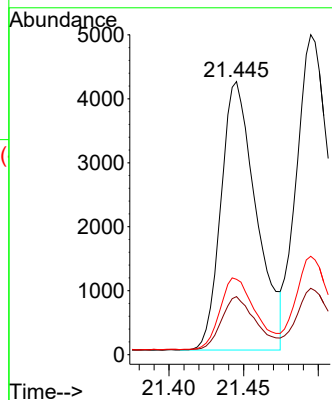
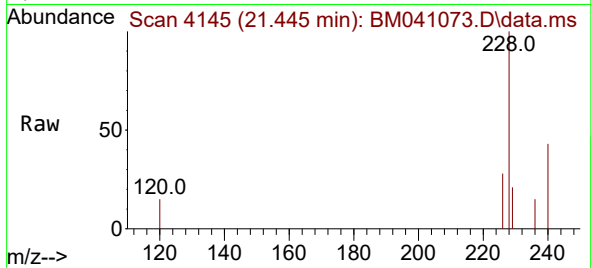




#21
Benzo(a)anthracene
Concen: 0.207 ng/ul
RT: 21.445 min Scan# 4144
Delta R.T. 0.003 min
Lab File: BM041073.D
Acq: 24 Jul 2023 13:12

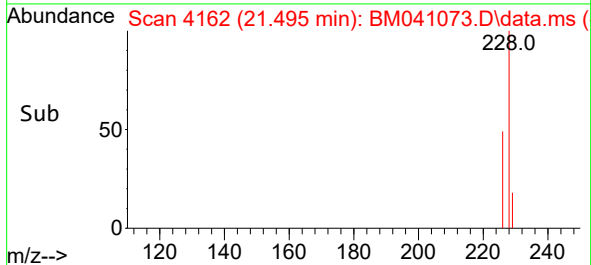
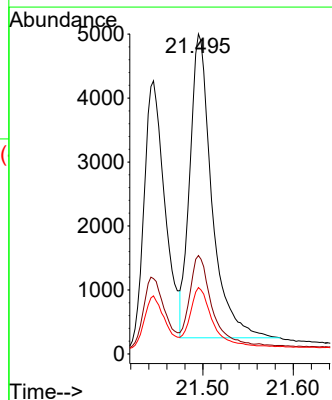
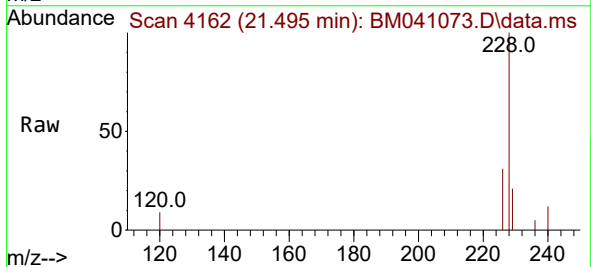
Instrument :
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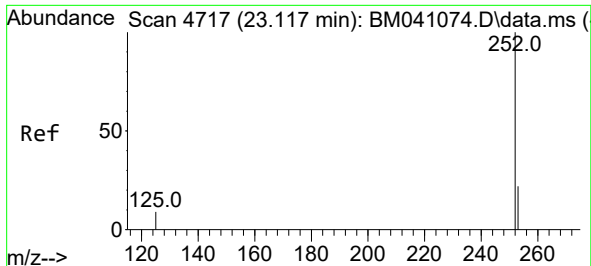
Tgt Ion:228 Resp: 6906
Ion Ratio Lower Upper
228 100
229 21.3 16.5 24.7
226 27.6 22.2 33.2



#22
Chrysene
Concen: 0.208 ng/ul
RT: 21.495 min Scan# 4162
Delta R.T. 0.000 min
Lab File: BM041073.D
Acq: 24 Jul 2023 13:12

Tgt Ion:228 Resp: 8035
Ion Ratio Lower Upper
228 100
226 30.7 24.2 36.4
229 20.7 15.9 23.9

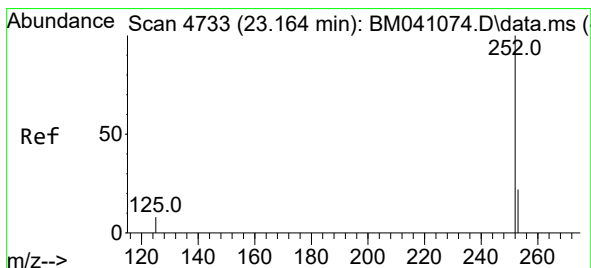
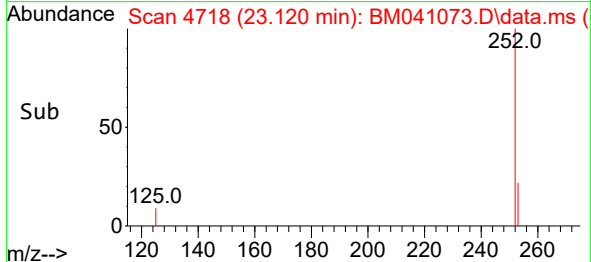
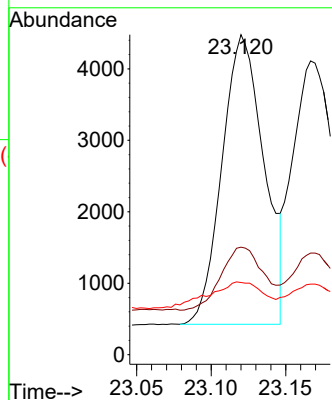
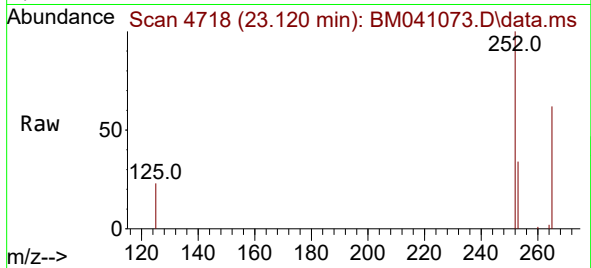




#24
Benzo(b)fluoranthene
Concen: 0.202 ng/ul
RT: 23.120 min Scan# 4718
Delta R.T. 0.003 min
Lab File: BM041073.D
Acq: 24 Jul 2023 13:12

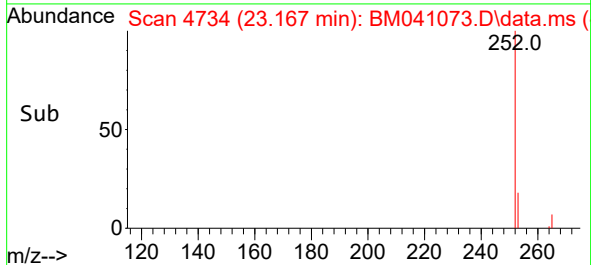
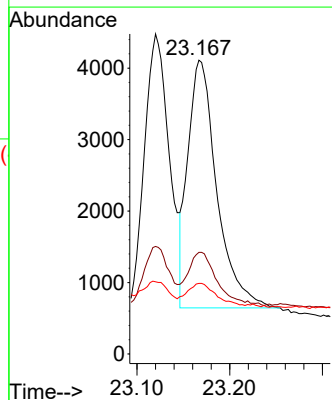
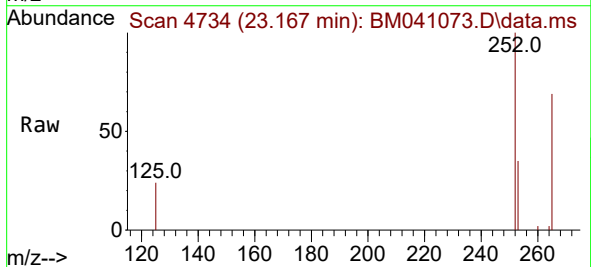
Instrument :
BNA_M
ClientSampleId :
SSTD0.2037

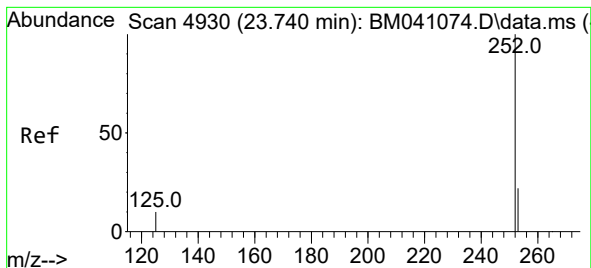
Tgt Ion:252 Resp: 7930
Ion Ratio Lower Upper
252 100
253 33.6 0.0 57.6
125 22.5 0.0 33.6



#25
Benzo(k)fluoranthene
Concen: 0.201 ng/ul
RT: 23.167 min Scan# 4734
Delta R.T. 0.003 min
Lab File: BM041073.D
Acq: 24 Jul 2023 13:12

Tgt Ion:252 Resp: 7515
Ion Ratio Lower Upper
252 100
253 34.6 22.8 34.2#
125 24.0 13.5 20.3#





#26

Benzo(a)pyrene

Concen: 0.202 ng/ul

RT: 23.749 min Scan# 4930

Delta R.T. 0.009 min

Lab File: BM041073.D

Acq: 24 Jul 2023 13:12

Instrument :

BNA_M

ClientSampleId :

SSTD0.2037

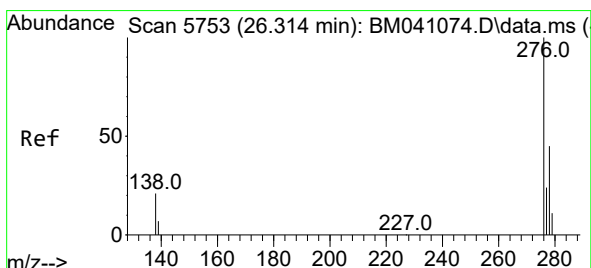
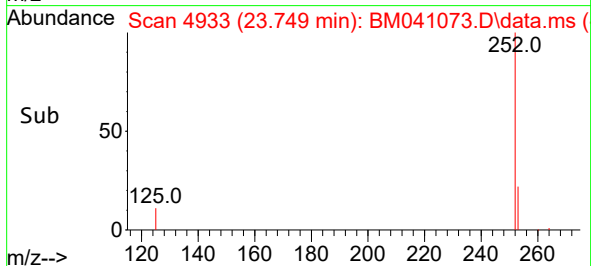
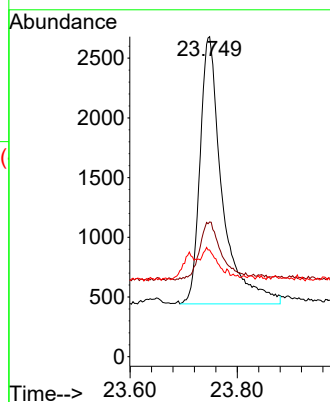
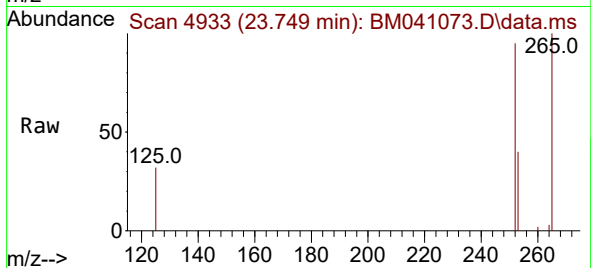
Tgt Ion:252 Resp: 6423

Ion Ratio Lower Upper

252 100

253 42.1 26.7 40.1#

125 33.4 18.1 27.1#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.199 ng/ul

RT: 26.324 min Scan# 5756

Delta R.T. 0.010 min

Lab File: BM041073.D

Acq: 24 Jul 2023 13:12

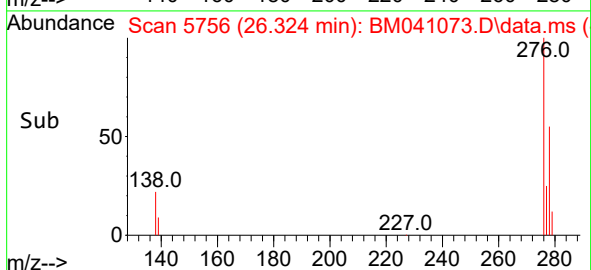
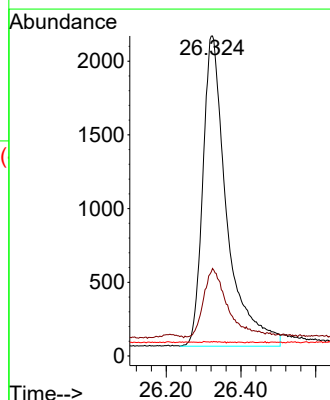
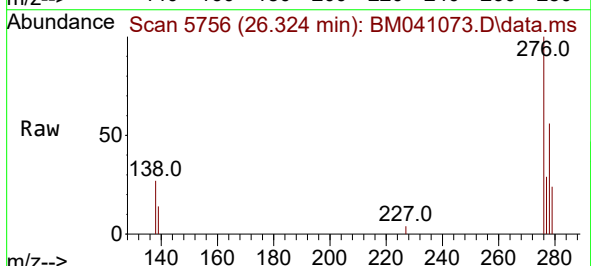
Tgt Ion:276 Resp: 9365

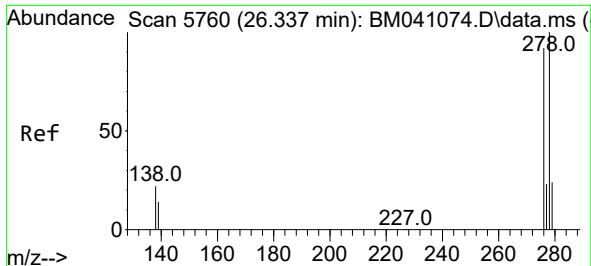
Ion Ratio Lower Upper

276 100

138 21.7 18.1 27.1

227 0.2 0.2 0.2

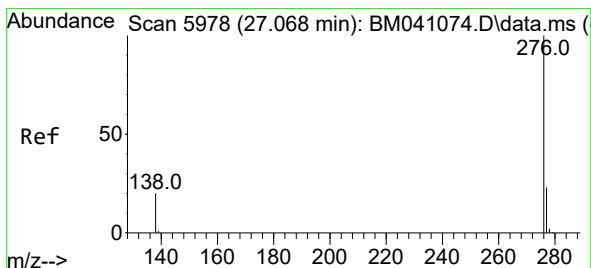
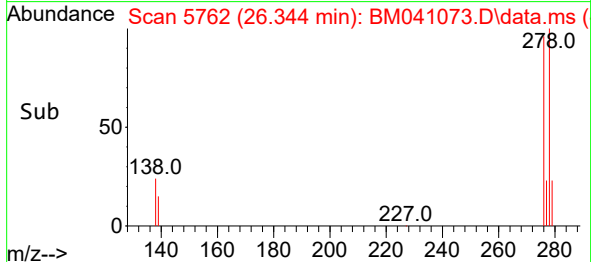
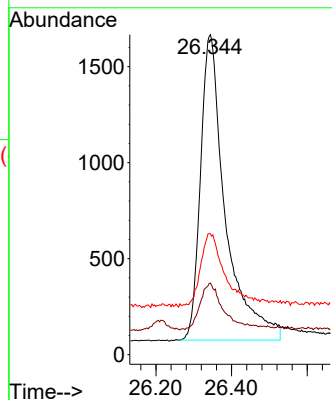
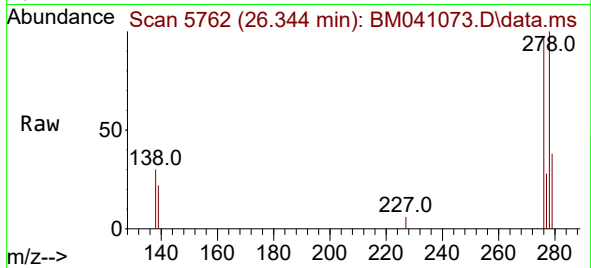




#28
Dibenzo(a,h)anthracene
Concen: 0.198 ng/ul
RT: 26.344 min Scan# 51
Delta R.T. 0.007 min
Lab File: BM041073.D
Acq: 24 Jul 2023 13:12

Instrument :
BNA_M
ClientSampleId :
SSTD0.2037

Tgt Ion:278 Resp: 7276
Ion Ratio Lower Upper
278 100
139 22.4 14.1 21.1#
279 37.7 25.0 37.4#



#29
Benzo(g,h,i)perylene
Concen: 0.201 ng/ul
RT: 27.078 min Scan# 5981
Delta R.T. 0.010 min
Lab File: BM041073.D
Acq: 24 Jul 2023 13:12

Tgt Ion:276 Resp: 8417
Ion Ratio Lower Upper
276 100
138 24.5 18.2 27.2
277 27.5 20.6 30.8

