

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061923\
 Data File : BM040322.D
 Acq On : 19 Jun 2023 19:51
 Operator : MA/JU
 Sample : 03080-15DL 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFJ4DL

Quant Time: Jun 20 00:14:41 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM061423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 15 00:31:16 2023
 Response via : Initial Calibration

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

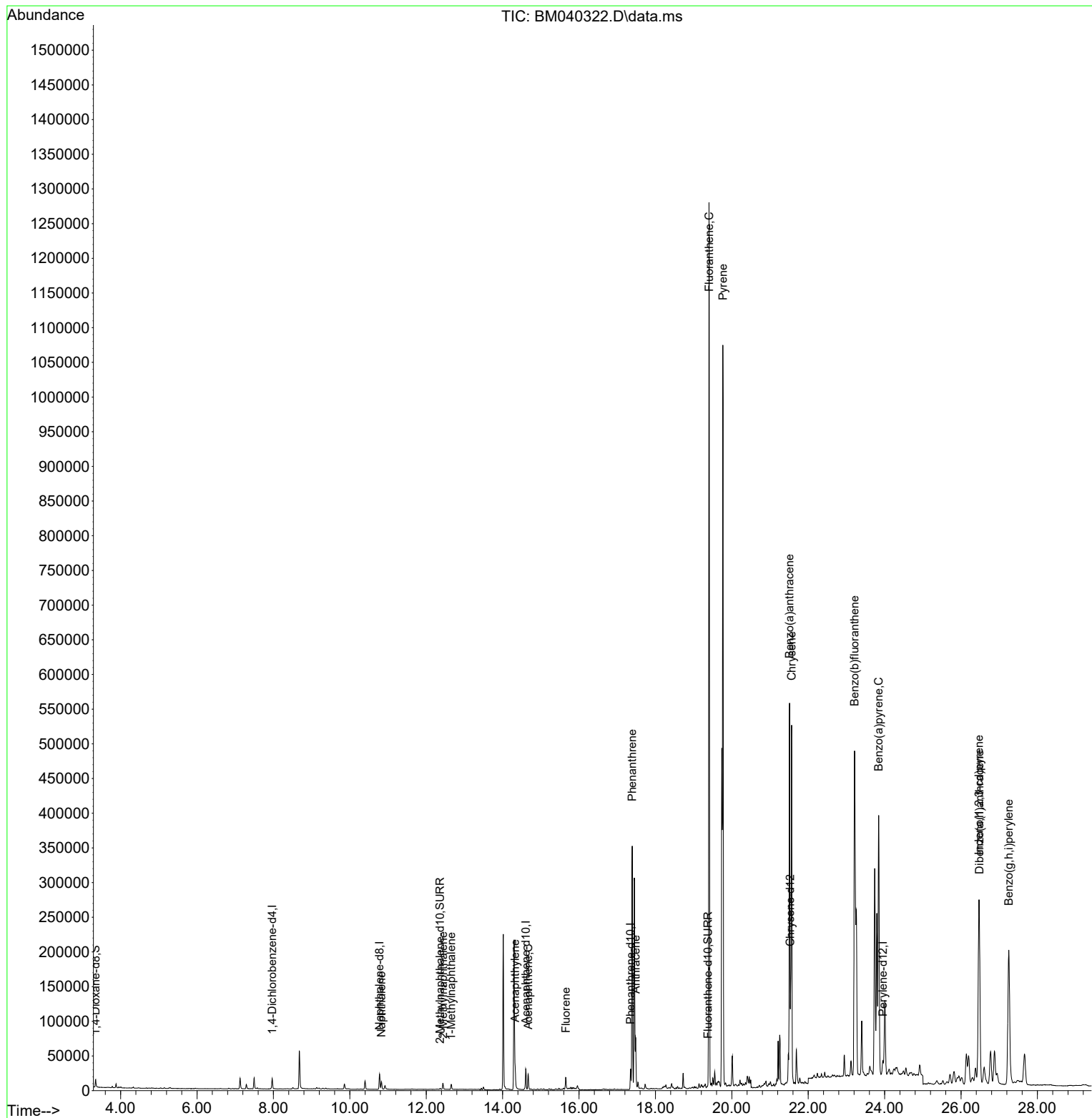
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.966	152	7709	0.400	ng/ul	0.00
4) Naphthalene-d8	10.778	136	30165	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.605	164	16466	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.349	188	33096	0.400	ng/ul	0.00
17) Chrysene-d12	21.527	240	26727	0.400	ng/ul	# 0.00
23) Perylene-d12	23.953	264	28223	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	7213	0.758	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.362	152	2116	0.055	ng/ul	-0.01
18) Fluoranthene-d10	19.375	212	4166	0.062	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.828	128	15272	0.214	ng/ul	97
7) 2-Methylnaphthalene	12.439	142	6703	0.151	ng/ul	100
8) 1-Methylnaphthalene	12.653	142	5271	0.113	ng/ul	99
10) Acenaphthylene	14.327	152	33977	0.590	ng/ul	99
11) Acenaphthene	14.670	153	13017	0.264	ng/ul	99
12) Fluorene	15.655	166	11506	0.209	ng/ul	97
15) Phenanthrene	17.392	178	361461	4.154	ng/ul	99
16) Anthracene	17.484	178	71931	0.976	ng/ul	100
19) Fluoranthene	19.403	202	1022151	11.227	ng/ul	100
20) Pyrene	19.765	202	875047	9.251	ng/ul	100
21) Benzo(a)anthracene	21.509	228	463804	5.879	ng/ul	98
22) Chrysene	21.565	228	499034	5.988	ng/ul	97
24) Benzo(b)fluoranthene	23.213	252	809209	7.778	ng/ul	91
26) Benzo(a)pyrene	23.845	252	537554	6.296	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.471	276	459795	4.255	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.481	278	112516	1.297	ng/ul	95
29) Benzo(g,h,i)perylene	27.249	276	429356	4.757	ng/ul	97

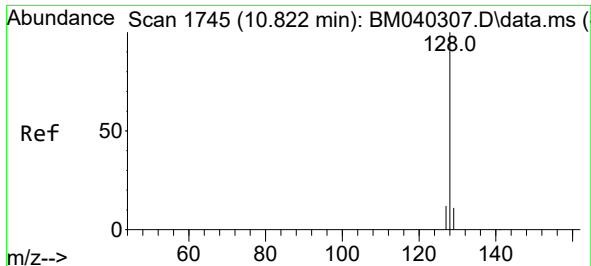
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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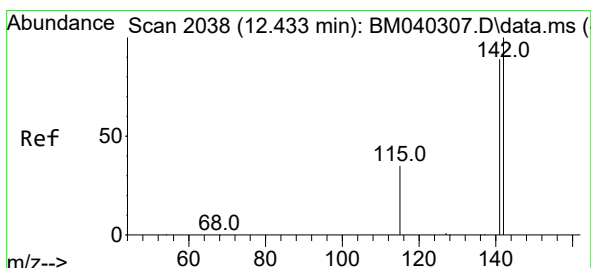
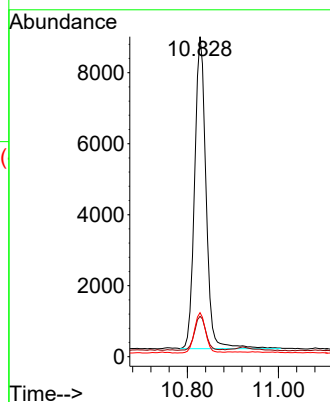
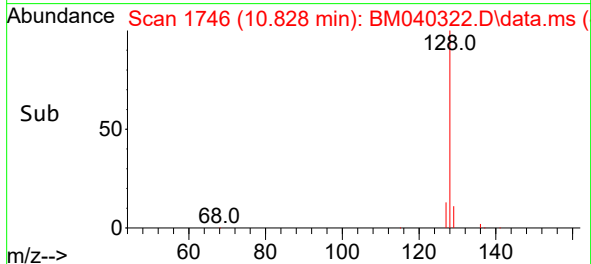
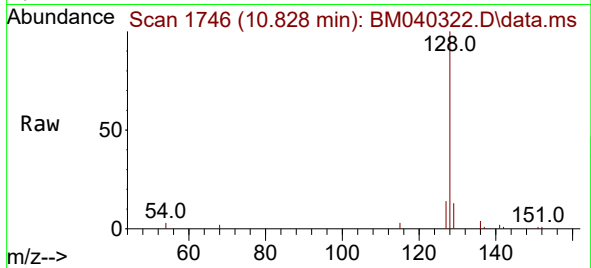




#5
Naphthalene
Concen: 0.214 ng/ul
RT: 10.828 min Scan# 1745
Delta R.T. -0.005 min
Lab File: BM040322.D
Acq: 19 Jun 2023 19:51

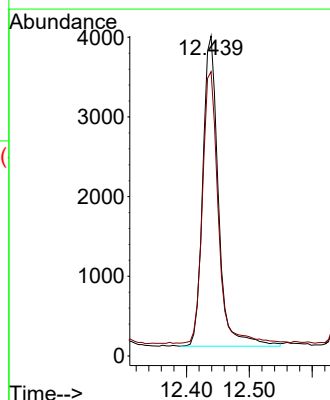
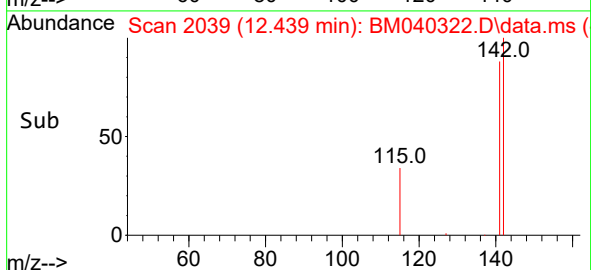
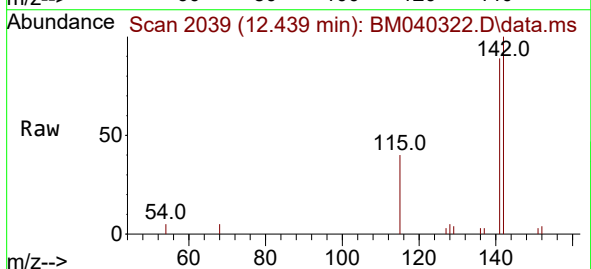
Instrument :
BNA_M
ClientSampleId :
DCFJ4DL

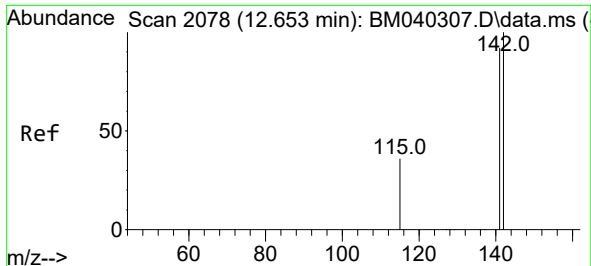
Tgt Ion:128 Resp: 15272
Ion Ratio Lower Upper
128 100
129 12.6 9.1 13.7
127 13.8 10.4 15.6



#7
2-Methylnaphthalene
Concen: 0.151 ng/ul
RT: 12.439 min Scan# 2039
Delta R.T. -0.005 min
Lab File: BM040322.D
Acq: 19 Jun 2023 19:51

Tgt Ion:142 Resp: 6703
Ion Ratio Lower Upper
142 100
141 88.2 70.6 106.0

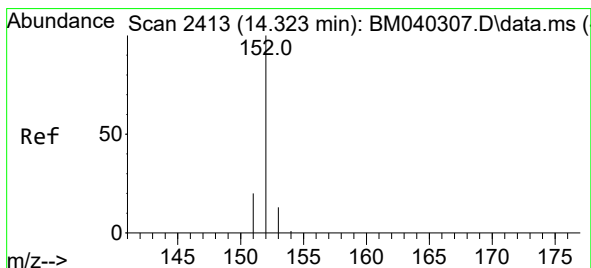
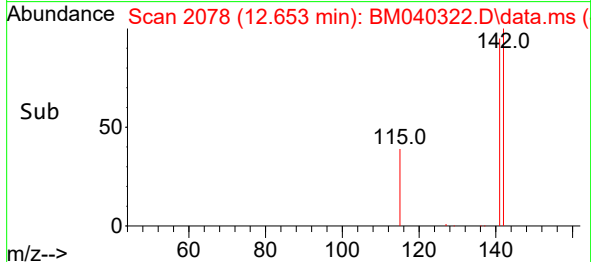
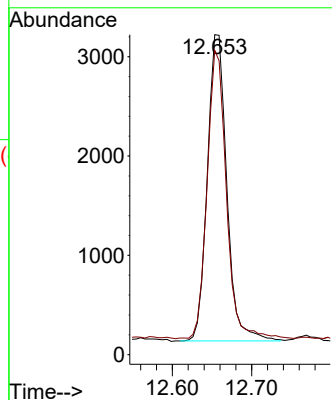
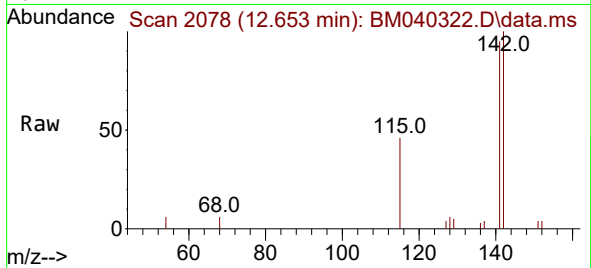




#8
1-Methylnaphthalene
Concen: 0.113 ng/ul
RT: 12.653 min Scan# 2078
Delta R.T. -0.011 min
Lab File: BM040322.D
Acq: 19 Jun 2023 19:51

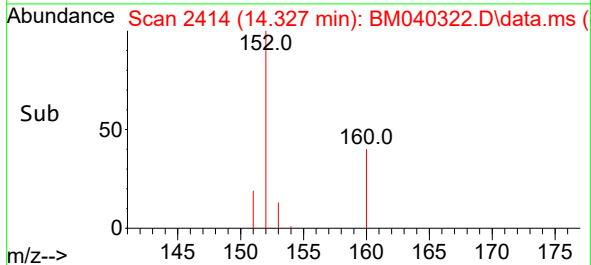
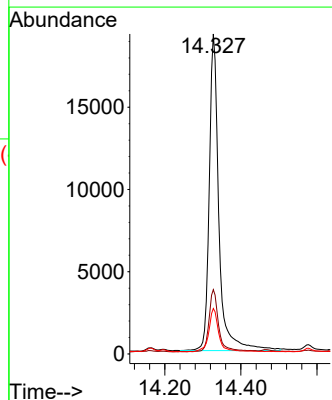
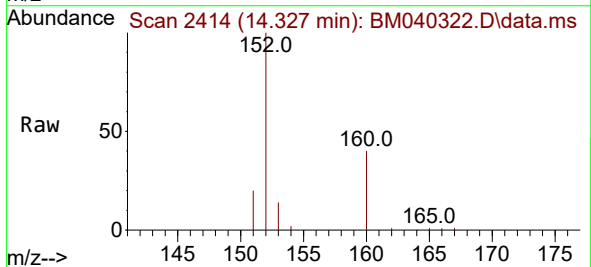
Instrument :
BNA_M
ClientSampleId :
DCFJ4DL

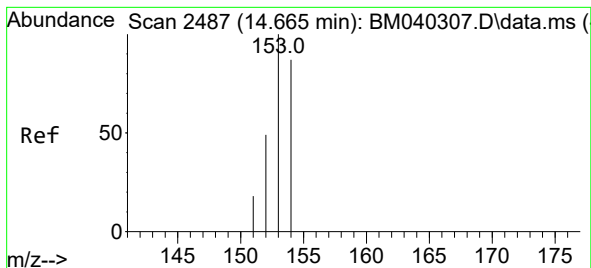
Tgt Ion:142 Resp: 5271
Ion Ratio Lower Upper
142 100
141 92.6 73.0 109.4



#10
Acenaphthylene
Concen: 0.590 ng/ul
RT: 14.327 min Scan# 2414
Delta R.T. -0.004 min
Lab File: BM040322.D
Acq: 19 Jun 2023 19:51

Tgt Ion:152 Resp: 33977
Ion Ratio Lower Upper
152 100
151 20.1 16.3 24.5
153 14.2 10.7 16.1





#11

Acenaphthene

Concen: 0.264 ng/ul

RT: 14.670 min Scan# 2488

Delta R.T. -0.004 min

Lab File: BM040322.D

Acq: 19 Jun 2023 19:51

Instrument :

BNA_M

ClientSampleId :

DCFJ4DL

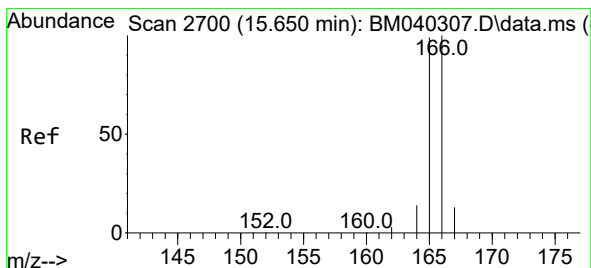
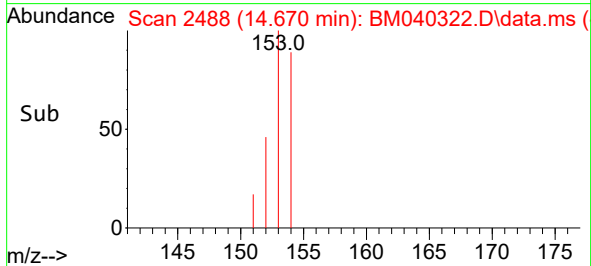
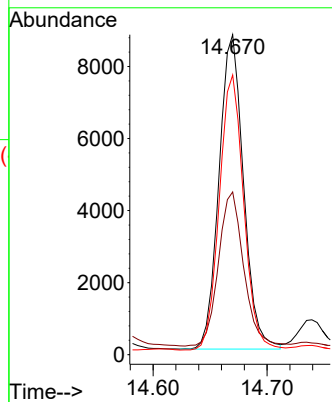
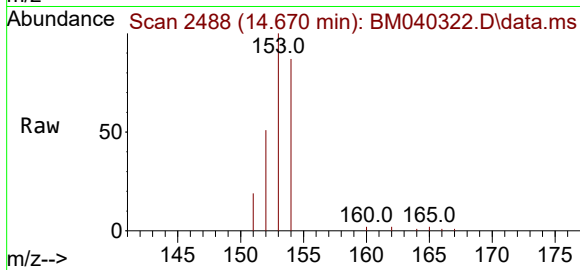
Tgt Ion:153 Resp: 13017

Ion Ratio Lower Upper

153 100

152 50.8 40.3 60.5

154 87.4 70.5 105.7



#12

Fluorene

Concen: 0.209 ng/ul

RT: 15.655 min Scan# 2701

Delta R.T. -0.004 min

Lab File: BM040322.D

Acq: 19 Jun 2023 19:51

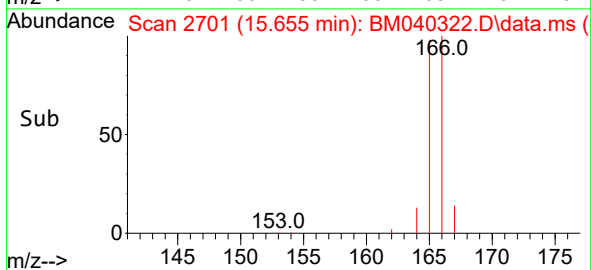
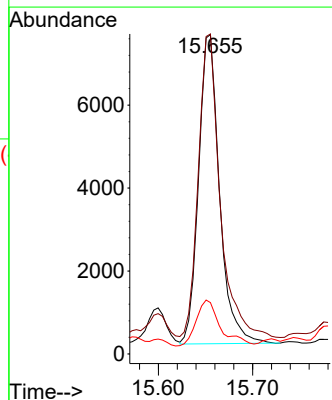
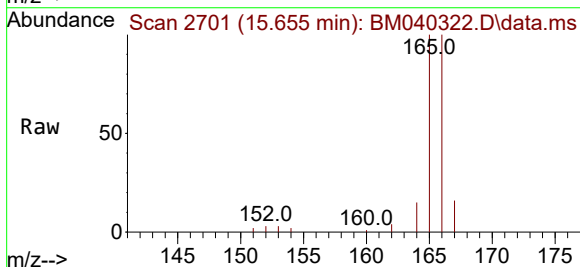
Tgt Ion:166 Resp: 11506

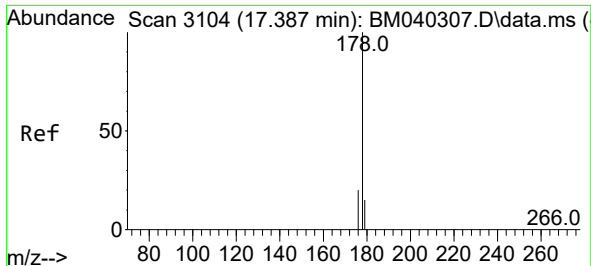
Ion Ratio Lower Upper

166 100

165 100.2 78.2 117.4

167 16.1 11.0 16.4

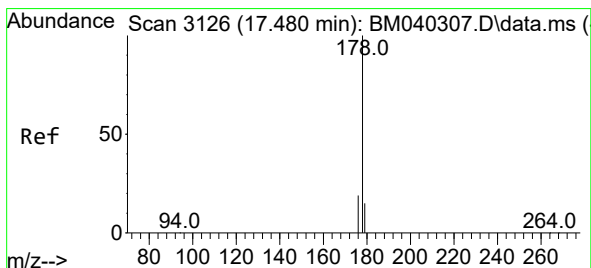
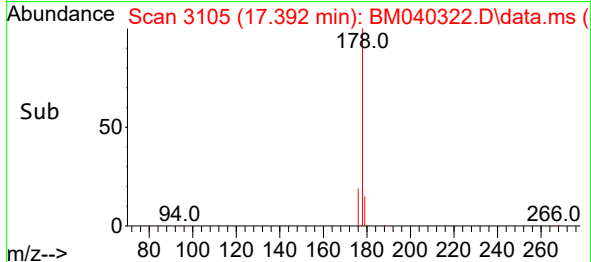
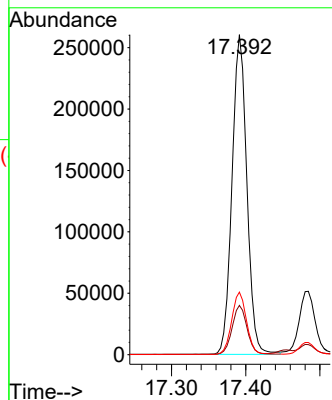
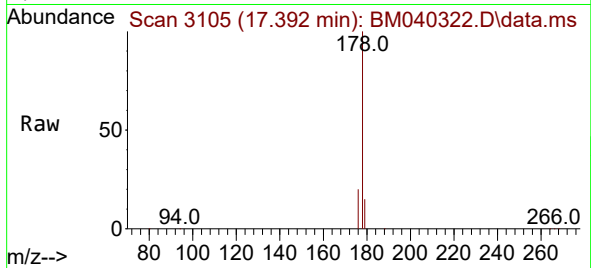




#15
Phenanthrene
Concen: 4.154 ng/ul
RT: 17.392 min Scan# 3105
Delta R.T. -0.004 min
Lab File: BM040322.D
Acq: 19 Jun 2023 19:51

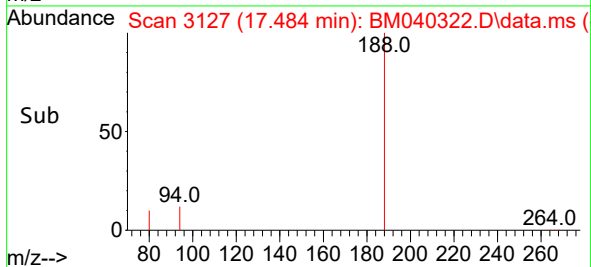
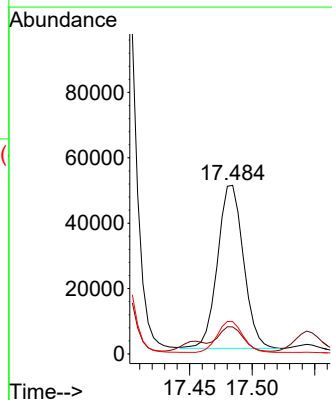
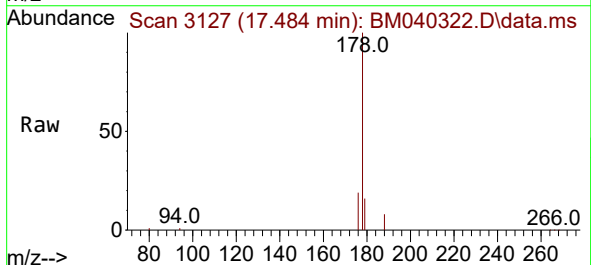
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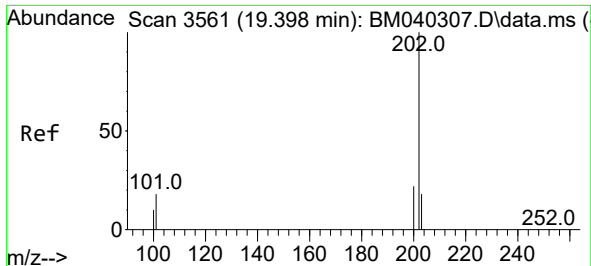
Tgt Ion:178 Resp: 361461
Ion Ratio Lower Upper
178 100
179 15.4 12.6 19.0
176 19.5 16.1 24.1



#16
Anthracene
Concen: 0.976 ng/ul
RT: 17.484 min Scan# 3127
Delta R.T. -0.004 min
Lab File: BM040322.D
Acq: 19 Jun 2023 19:51

Tgt Ion:178 Resp: 71931
Ion Ratio Lower Upper
178 100
179 16.0 13.0 19.4
176 19.2 15.5 23.3

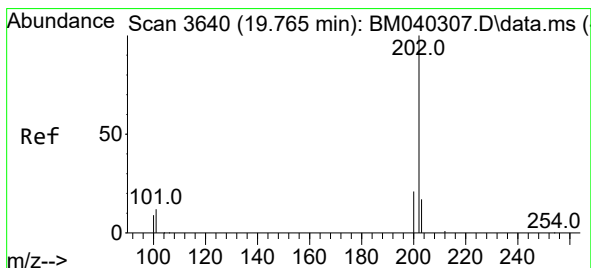
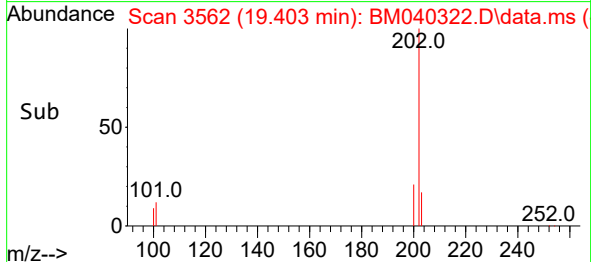
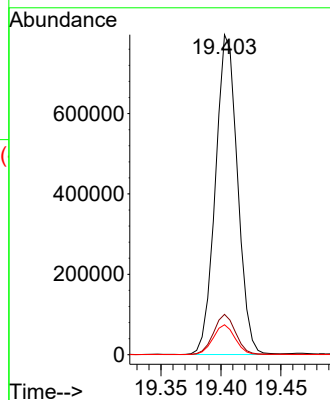
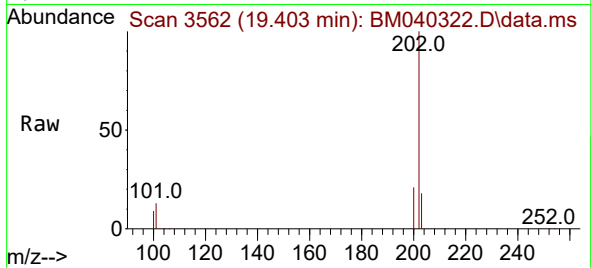




#19
Fluoranthene
Concen: 11.227 ng/ul
RT: 19.403 min Scan# 3562
Delta R.T. -0.004 min
Lab File: BM040322.D
Acq: 19 Jun 2023 19:51

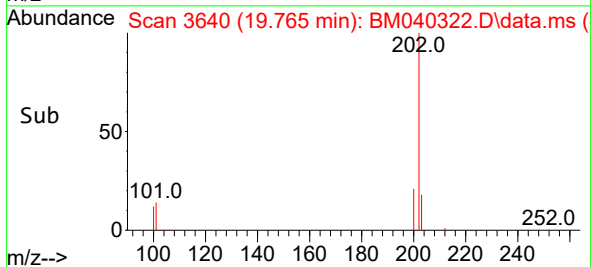
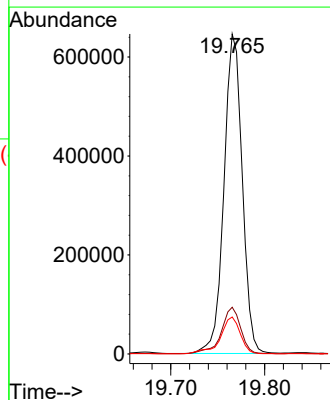
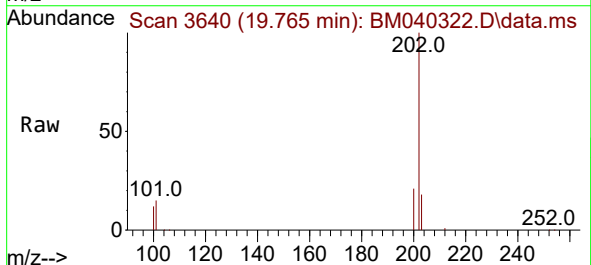
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DCFJ4DL

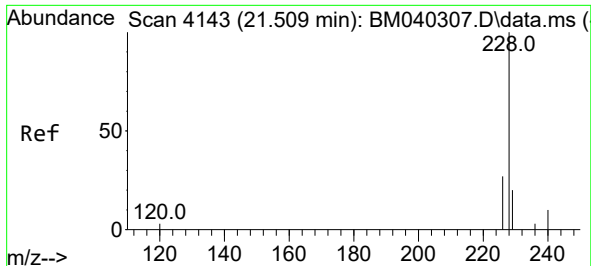
Tgt Ion:202 Resp: 1022151
Ion Ratio Lower Upper
202 100
101 12.6 10.2 15.4
100 9.4 7.6 11.4



#20
Pyrene
Concen: 9.251 ng/ul
RT: 19.765 min Scan# 3640
Delta R.T. -0.004 min
Lab File: BM040322.D
Acq: 19 Jun 2023 19:51

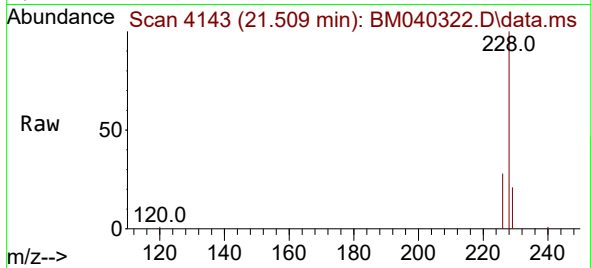
Tgt Ion:202 Resp: 875047
Ion Ratio Lower Upper
202 100
101 14.6 11.8 17.8
100 11.5 9.3 13.9



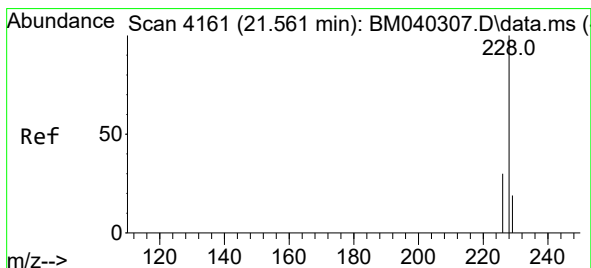
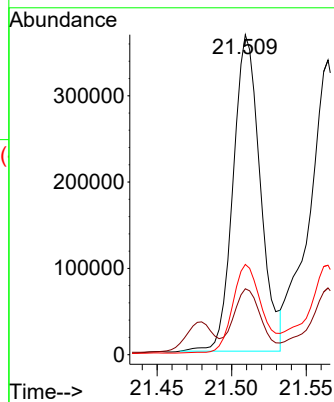
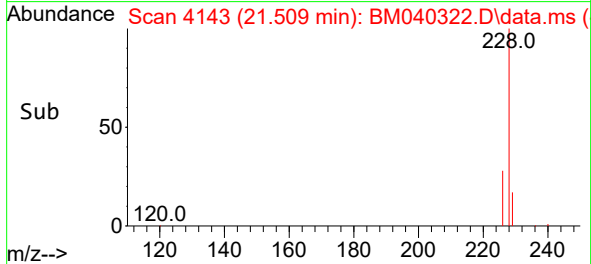


#21
Benzo(a)anthracene
Concen: 5.879 ng/ul
RT: 21.509 min Scan# 4143
Delta R.T. -0.006 min
Lab File: BM040322.D
Acq: 19 Jun 2023 19:51

Instrument :
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ClientSampleId :
DCFJ4DL

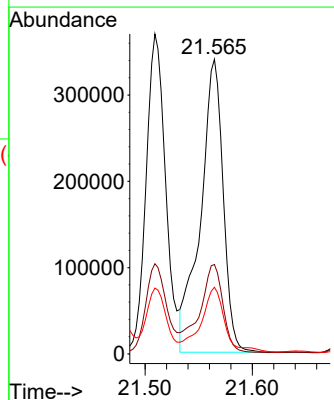
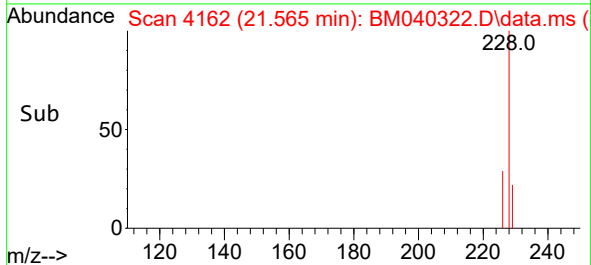
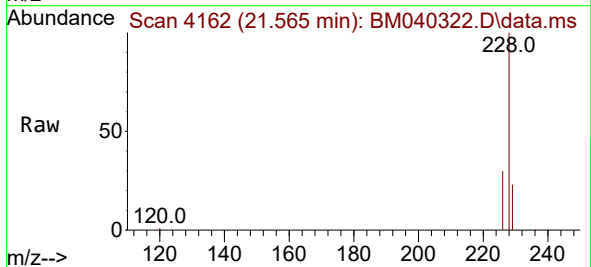


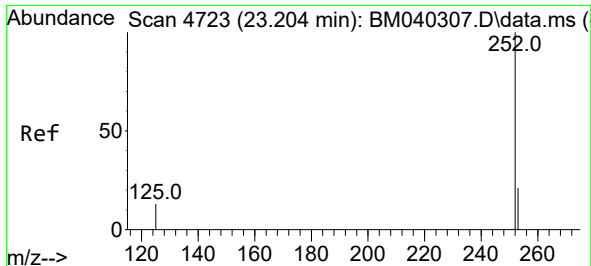
Tgt Ion:228 Resp: 463804
Ion Ratio Lower Upper
228 100
229 20.6 15.8 23.8
226 28.2 22.0 33.0



#22
Chrysene
Concen: 5.988 ng/ul
RT: 21.565 min Scan# 4162
Delta R.T. -0.006 min
Lab File: BM040322.D
Acq: 19 Jun 2023 19:51

Tgt Ion:228 Resp: 499034
Ion Ratio Lower Upper
228 100
226 30.4 24.3 36.5
229 22.6 15.7 23.5

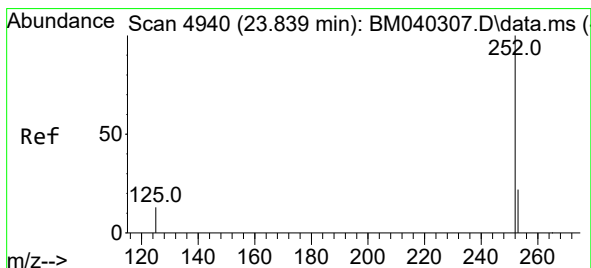
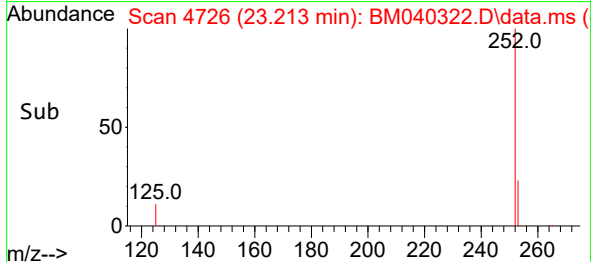
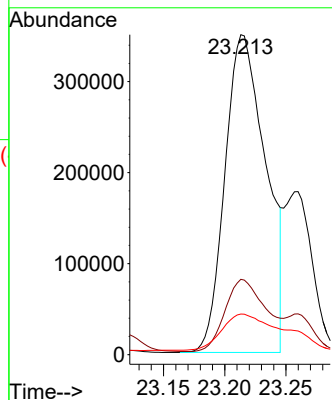
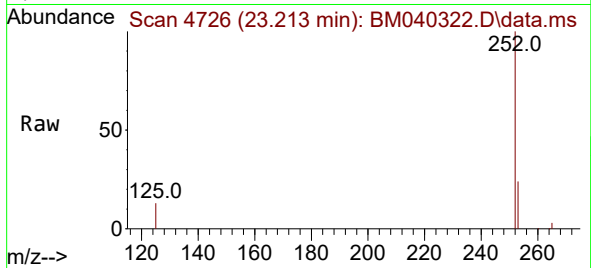




#24
Benzo(b)fluoranthene
Concen: 7.778 ng/ul
RT: 23.213 min Scan# 41
Delta R.T. -0.003 min
Lab File: BM040322.D
Acq: 19 Jun 2023 19:51

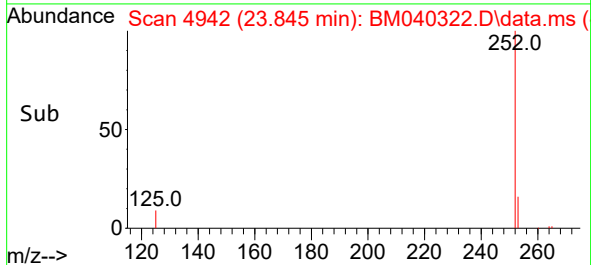
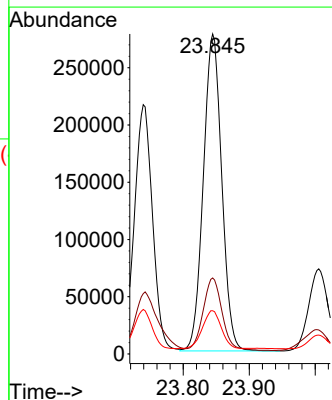
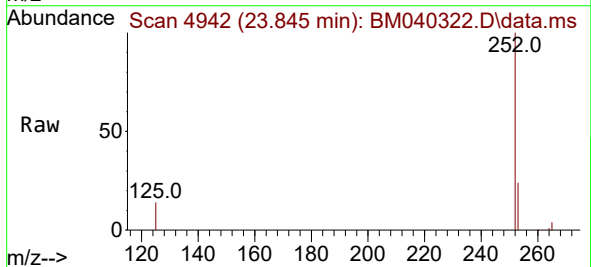
Instrument :
BNA_M
ClientSampleId :
DCFJ4DL

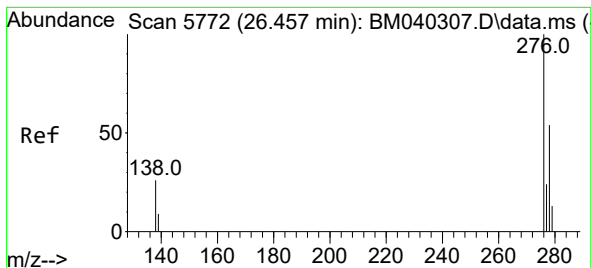
Tgt Ion:252 Resp: 809209
Ion Ratio Lower Upper
252 100
253 23.5 0.0 52.4
125 12.7 0.0 38.4



#26
Benzo(a)pyrene
Concen: 6.296 ng/ul
RT: 23.845 min Scan# 4942
Delta R.T. -0.006 min
Lab File: BM040322.D
Acq: 19 Jun 2023 19:51

Tgt Ion:252 Resp: 537554
Ion Ratio Lower Upper
252 100
253 23.7 23.4 35.0
125 13.5 19.7 29.5#





#27

Indeno(1,2,3-cd)pyrene

Concen: 4.255 ng/ul

RT: 26.471 min Scan# 5

Delta R.T. -0.007 min

Lab File: BM040322.D

Acq: 19 Jun 2023 19:51

Instrument :

BNA_M

ClientSampleId :

DCFJ4DL

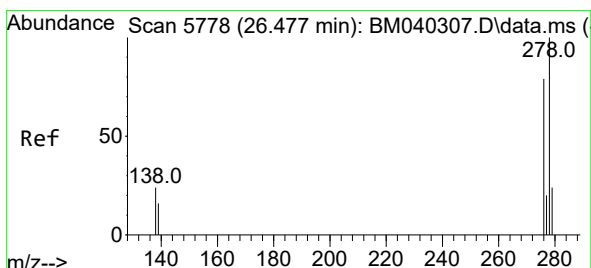
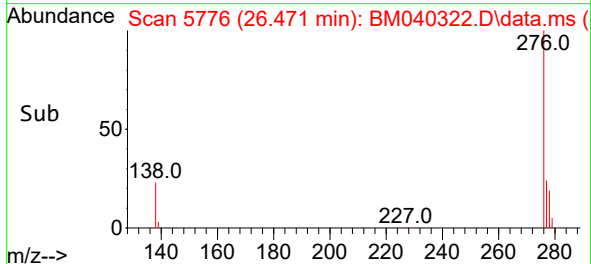
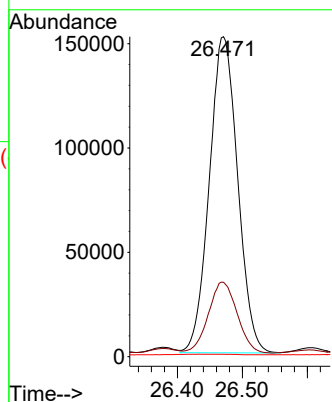
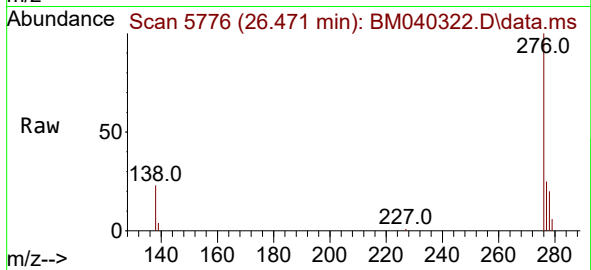
Tgt Ion:276 Resp: 459795

Ion Ratio Lower Upper

276 100

138 22.7 23.3 34.9#

227 0.0 0.1 0.1#



#28

Dibenzo(a,h)anthracene

Concen: 1.297 ng/ul

RT: 26.481 min Scan# 5779

Delta R.T. -0.017 min

Lab File: BM040322.D

Acq: 19 Jun 2023 19:51

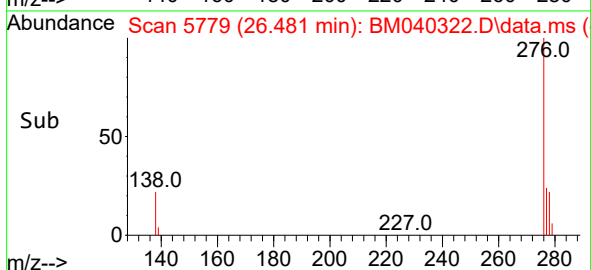
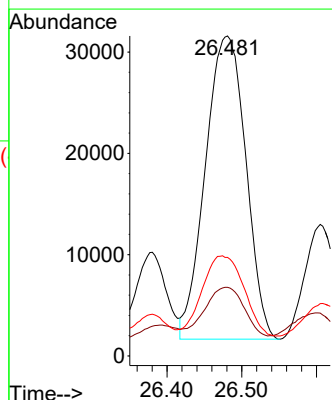
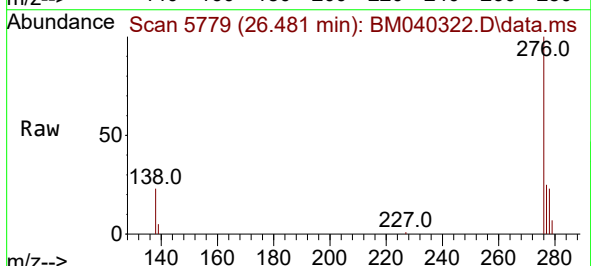
Tgt Ion:278 Resp: 112516

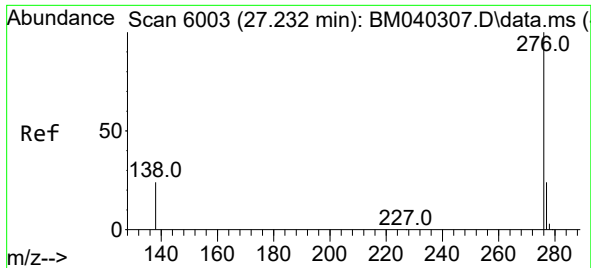
Ion Ratio Lower Upper

278 100

139 21.4 16.4 24.6

279 30.8 21.8 32.8





#29
Benzo(g,h,i)perylene
Concen: 4.757 ng/ul
RT: 27.249 min Scan# 6008
Delta R.T. -0.007 min
Lab File: BM040322.D
Acq: 19 Jun 2023 19:51

Instrument :
BNA_M
ClientSampleId :
DCFJ4DL

Tgt Ion:276 Resp: 429356
Ion Ratio Lower Upper
276 100
138 23.4 21.0 31.4
277 24.3 19.6 29.4

