

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061923\
 Data File : BM040317.D
 Acq On : 19 Jun 2023 16:44
 Operator : MA/JU
 Sample : 03080-19DL 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFJ8DL

Quant Time: Jun 20 00:13:48 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

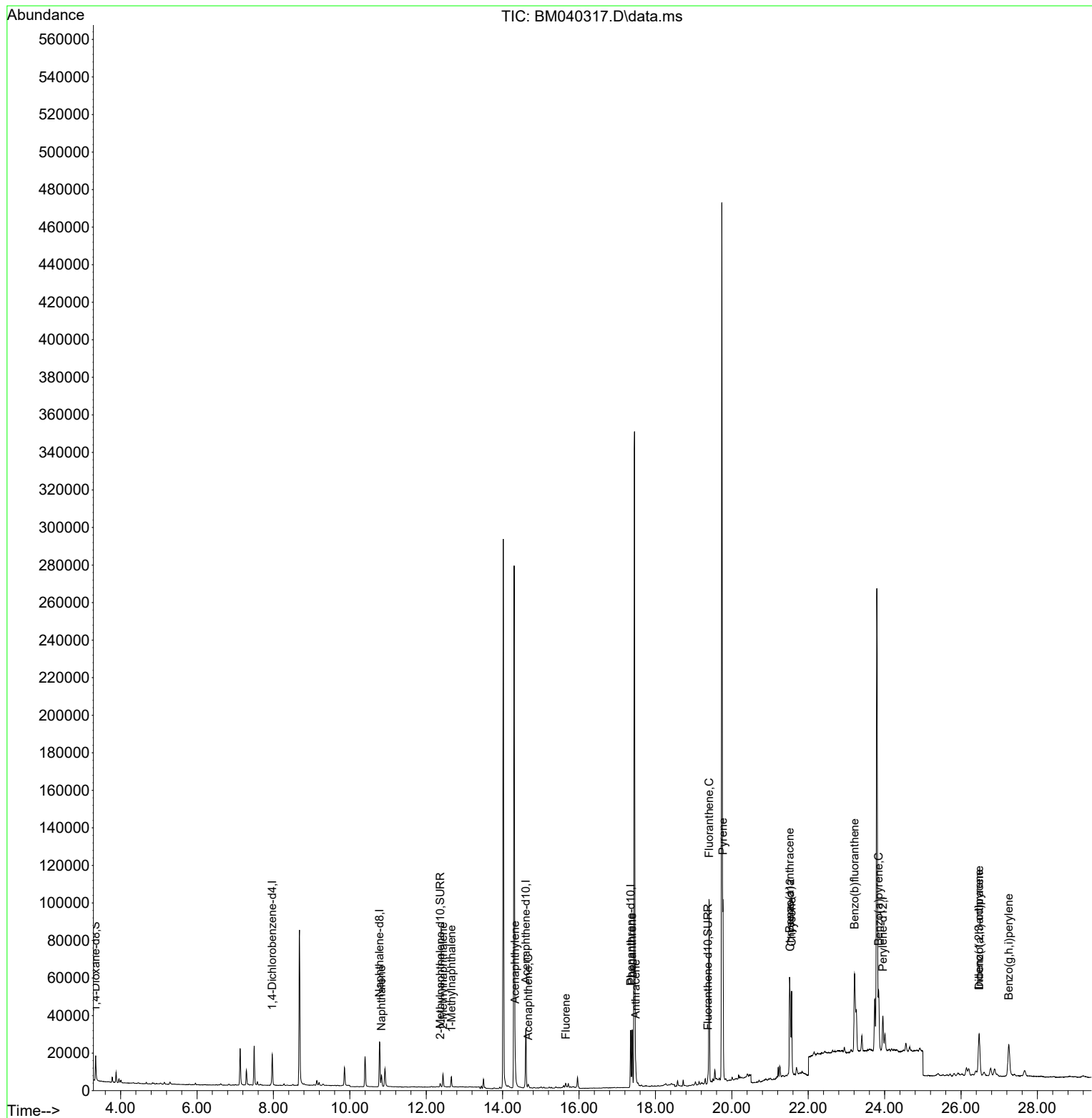
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.970	152	8562	0.400	ng/ul	0.00
4) Naphthalene-d8	10.778	136	33369	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.609	164	17968	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.353	188	35362	0.400	ng/ul	0.00
17) Chrysene-d12	21.526	240	25685	0.400	ng/ul	# 0.00
23) Perylene-d12	23.952	264	24762	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	8441	0.798	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.367	152	2694	0.064	ng/ul	0.00
18) Fluoranthene-d10	19.375	212	4839	0.076	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.827	128	8083	0.102	ng/ul#	94
7) 2-Methylnaphthalene	12.439	142	5112	0.104	ng/ul	99
8) 1-Methylnaphthalene	12.659	142	3873	0.075	ng/ul	99
10) Acenaphthylene	14.327	152	12194	0.194	ng/ul	97
11) Acenaphthene	14.670	153	1210	0.022	ng/ul#	91
12) Fluorene	15.655	166	1494	0.025	ng/ul#	81
15) Phenanthrene	17.391	178	32588	0.350	ng/ul	99
16) Anthracene	17.484	178	5535	0.070	ng/ul#	88
19) Fluoranthene	19.407	202	82280	0.940	ng/ul	98
20) Pyrene	19.765	202	73577	0.809	ng/ul	98
21) Benzo(a)anthracene	21.512	228	40017	0.528	ng/ul#	90
22) Chrysene	21.564	228	48882	0.610	ng/ul#	91
24) Benzo(b)fluoranthene	23.213	252	70738	0.775	ng/ul	90
26) Benzo(a)pyrene	23.844	252	42714	0.570	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.474	276	39102	0.412	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.477	278	10296	0.135	ng/ul#	35
29) Benzo(g,h,i)perylene	27.249	276	38531	0.487	ng/ul#	89

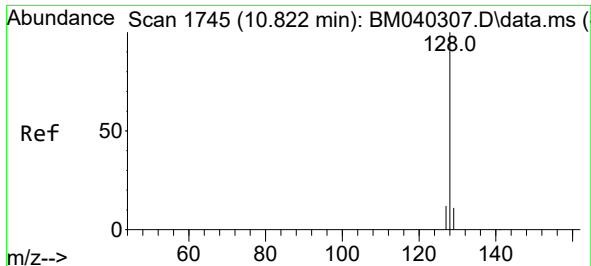
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061923\
Data File : BM040317.D
Acq On : 19 Jun 2023 16:44
Operator : MA/JU
Sample : 03080-19DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCFJ8DL

Quant Time: Jun 20 00:13:48 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

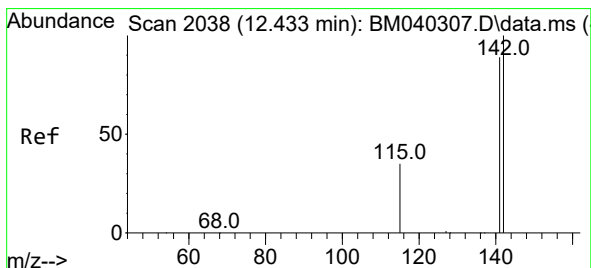
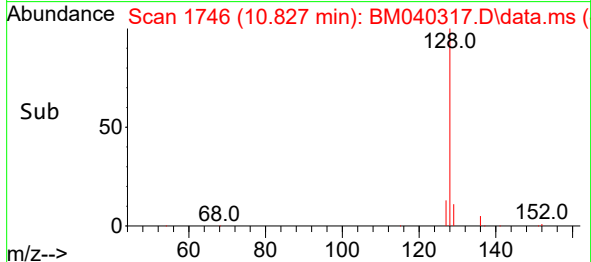
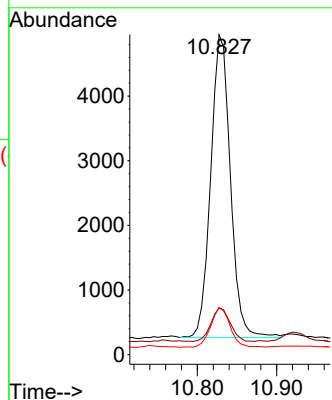
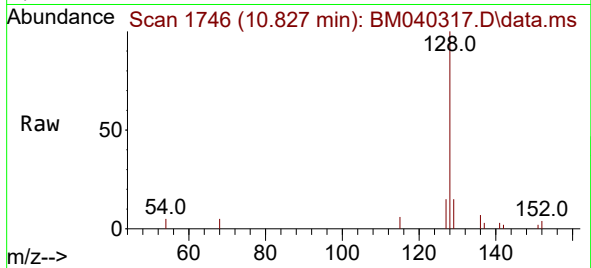




#5
Naphthalene
Concen: 0.102 ng/ul
RT: 10.827 min Scan# 1745
Delta R.T. -0.006 min
Lab File: BM040317.D
Acq: 19 Jun 2023 16:44

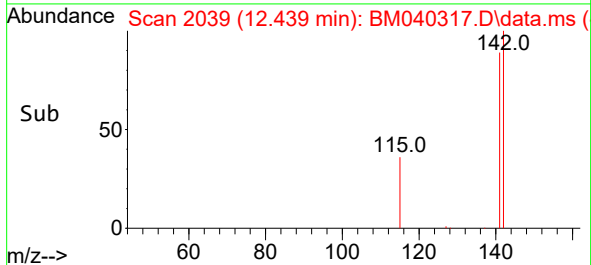
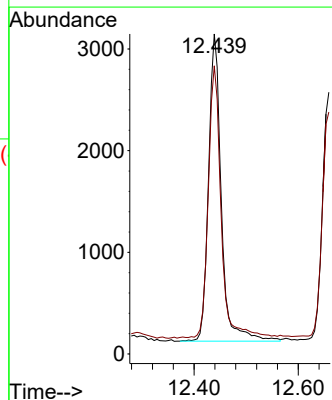
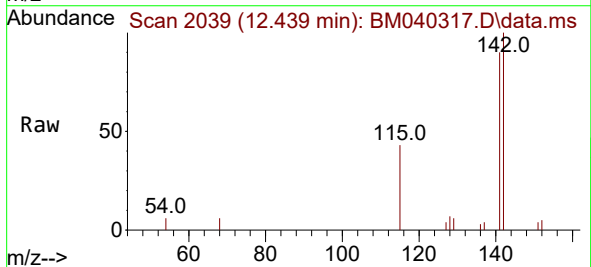
Instrument :
BNA_M
ClientSampleId :
DCFJ8DL

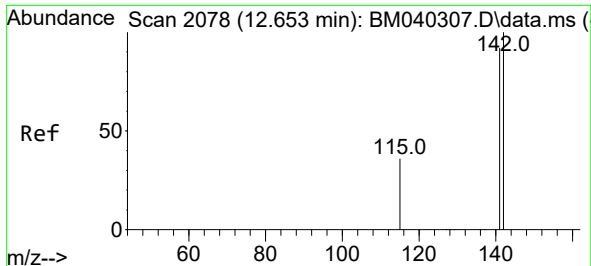
Tgt Ion:128 Resp: 8083
Ion Ratio Lower Upper
128 100
129 14.6 9.1 13.7#
127 14.8 10.4 15.6



#7
2-Methylnaphthalene
Concen: 0.104 ng/ul
RT: 12.439 min Scan# 2039
Delta R.T. -0.006 min
Lab File: BM040317.D
Acq: 19 Jun 2023 16:44

Tgt Ion:142 Resp: 5112
Ion Ratio Lower Upper
142 100
141 88.9 70.6 106.0

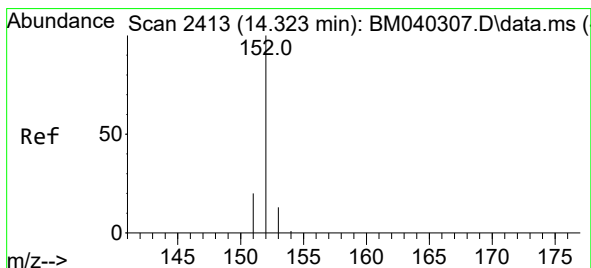
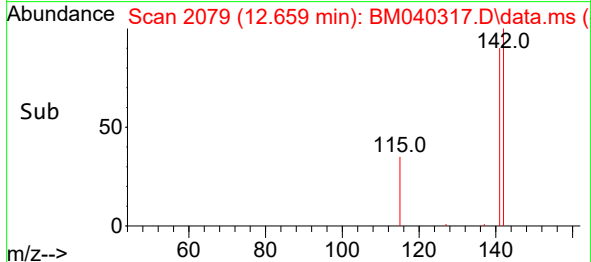
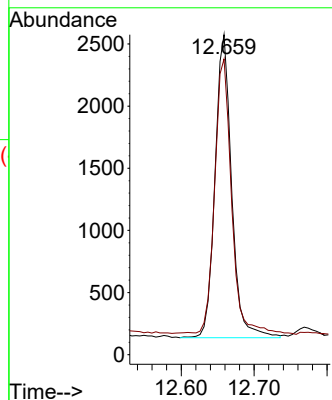
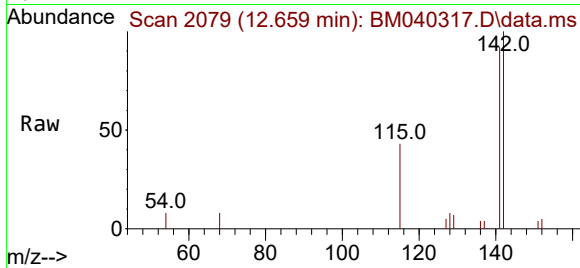




#8
1-Methylnaphthalene
Concen: 0.075 ng/ul
RT: 12.659 min Scan# 2078
Delta R.T. -0.006 min
Lab File: BM040317.D
Acq: 19 Jun 2023 16:44

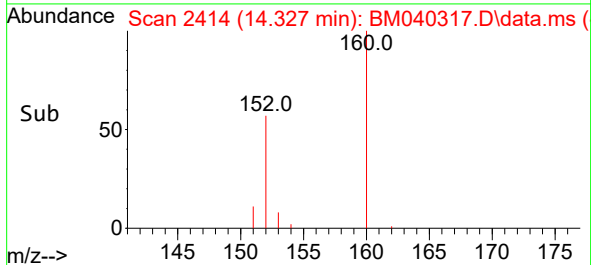
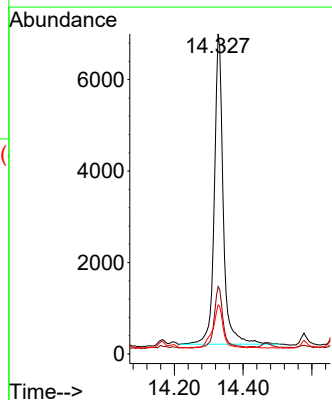
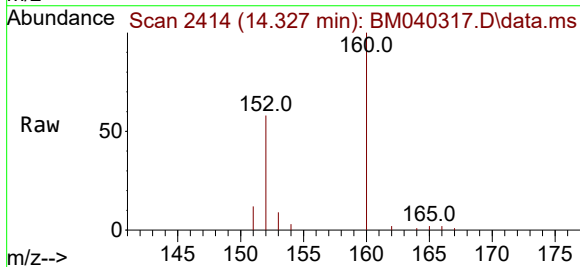
Instrument :
BNA_M
ClientSampleId :
DCFJ8DL

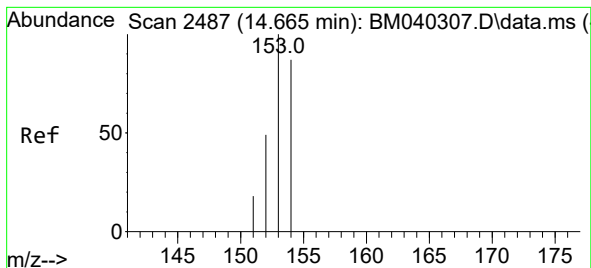
Tgt Ion:142 Resp: 3873
Ion Ratio Lower Upper
142 100
141 90.5 73.0 109.4



#10
Acenaphthylene
Concen: 0.194 ng/ul
RT: 14.327 min Scan# 2414
Delta R.T. -0.005 min
Lab File: BM040317.D
Acq: 19 Jun 2023 16:44

Tgt Ion:152 Resp: 12194
Ion Ratio Lower Upper
152 100
151 21.0 16.3 24.5
153 15.3 10.7 16.1





#11

Acenaphthene

Concen: 0.022 ng/ul

RT: 14.670 min Scan# 2488

Delta R.T. -0.005 min

Lab File: BM040317.D

Acq: 19 Jun 2023 16:44

Instrument :

BNA_M

ClientSampleId :

DCFJ8DL

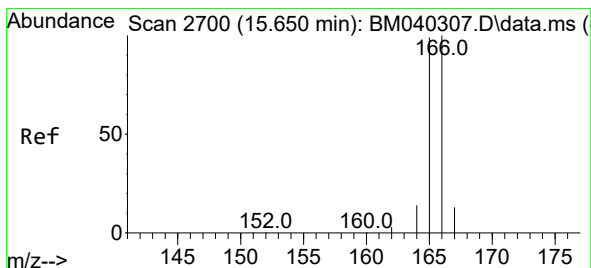
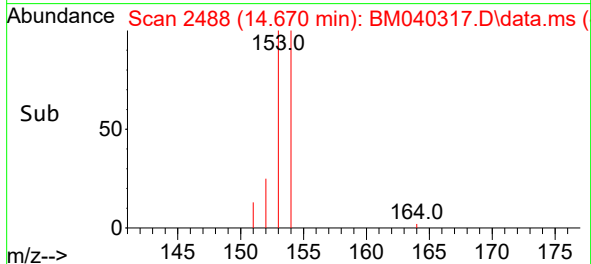
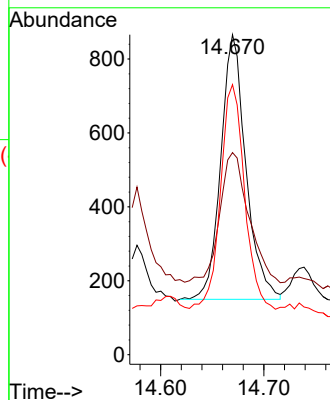
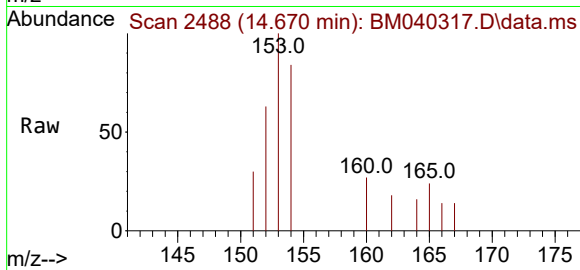
Tgt Ion:153 Resp: 1210

Ion Ratio Lower Upper

153 100

152 63.2 40.3 60.5#

154 84.4 70.5 105.7



#12

Fluorene

Concen: 0.025 ng/ul

RT: 15.655 min Scan# 2701

Delta R.T. -0.005 min

Lab File: BM040317.D

Acq: 19 Jun 2023 16:44

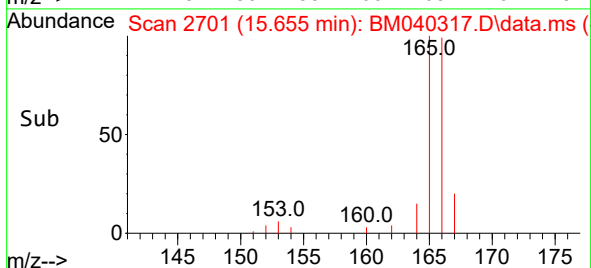
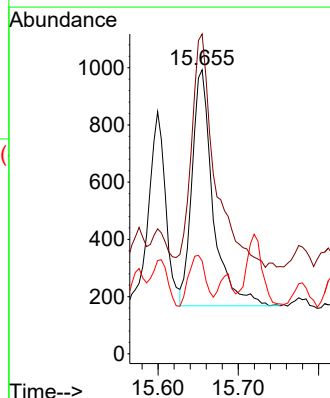
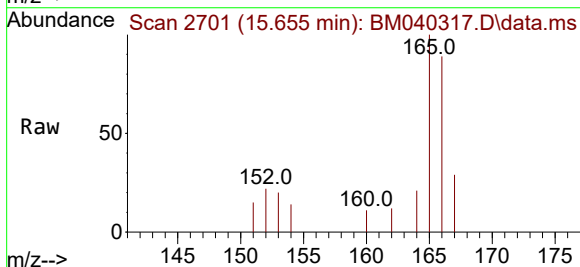
Tgt Ion:166 Resp: 1494

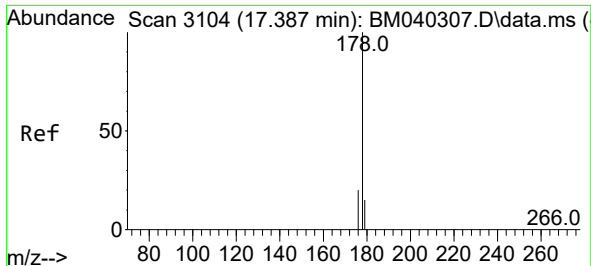
Ion Ratio Lower Upper

166 100

165 112.6 78.2 117.4

167 32.7 11.0 16.4#

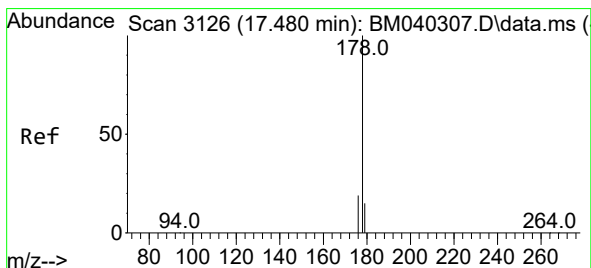
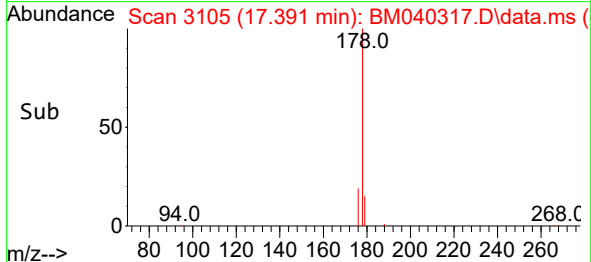
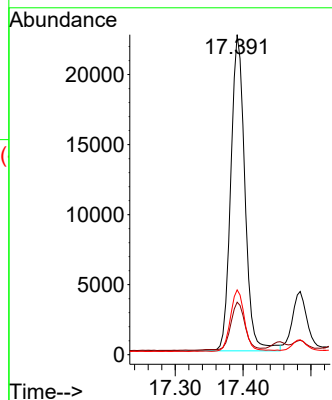
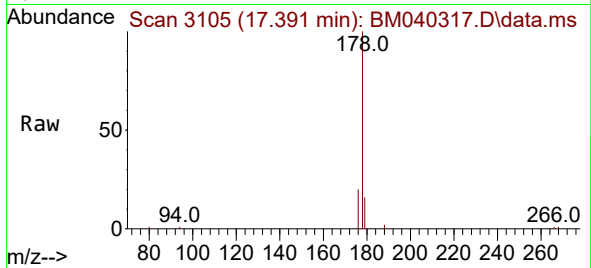




#15
Phenanthrene
Concen: 0.350 ng/ul
RT: 17.391 min Scan# 3105
Delta R.T. -0.004 min
Lab File: BM040317.D
Acq: 19 Jun 2023 16:44

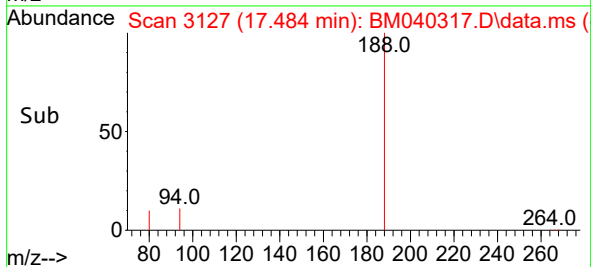
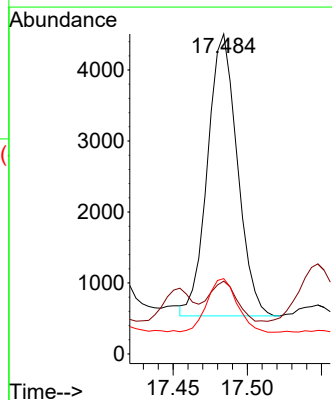
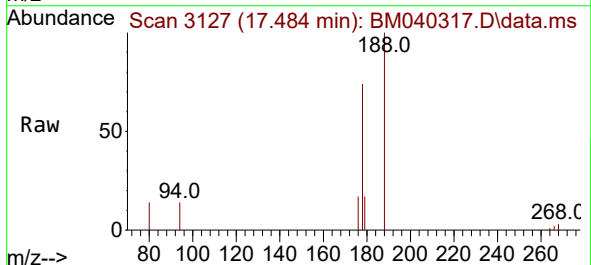
Instrument :
BNA_M
ClientSampleId :
DCFJ8DL

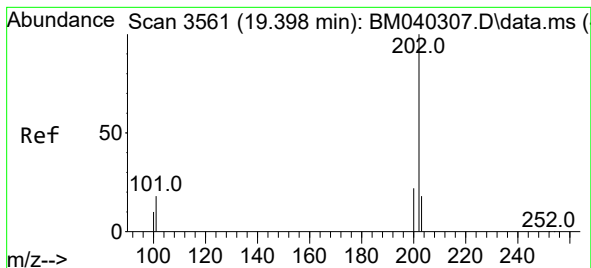
Tgt Ion:178 Resp: 32588
Ion Ratio Lower Upper
178 100
179 16.4 12.6 19.0
176 20.2 16.1 24.1



#16
Anthracene
Concen: 0.070 ng/ul
RT: 17.484 min Scan# 3127
Delta R.T. -0.004 min
Lab File: BM040317.D
Acq: 19 Jun 2023 16:44

Tgt Ion:178 Resp: 5535
Ion Ratio Lower Upper
178 100
179 22.8 13.0 19.4#
176 23.6 15.5 23.3#





#19

Fluoranthene

Concen: 0.940 ng/ul

RT: 19.407 min Scan# 3561

Delta R.T. -0.000 min

Lab File: BM040317.D

Acq: 19 Jun 2023 16:44

Instrument :

BNA_M

ClientSampleId :

DCFJ8DL

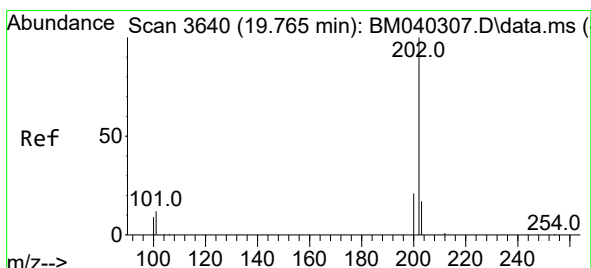
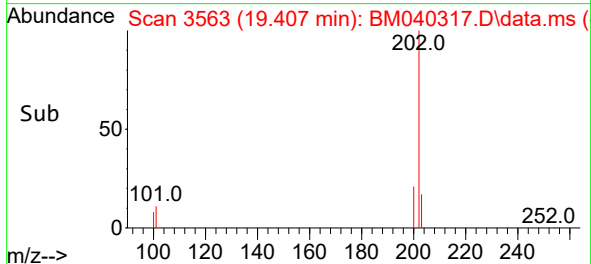
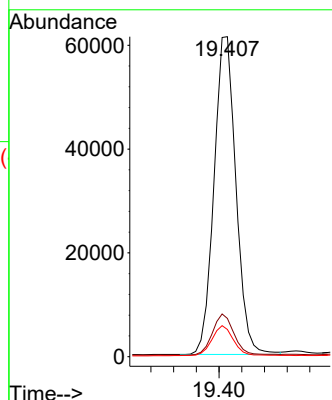
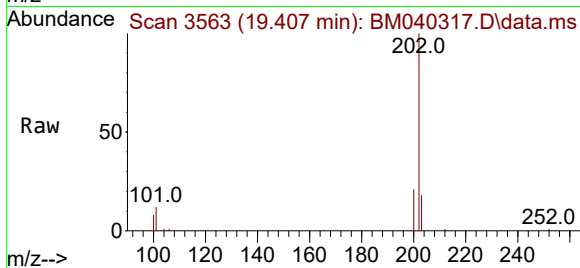
Tgt Ion:202 Resp: 82280

Ion Ratio Lower Upper

202 100

101 11.9 10.2 15.4

100 8.5 7.6 11.4



#20

Pyrene

Concen: 0.809 ng/ul

RT: 19.765 min Scan# 3640

Delta R.T. -0.005 min

Lab File: BM040317.D

Acq: 19 Jun 2023 16:44

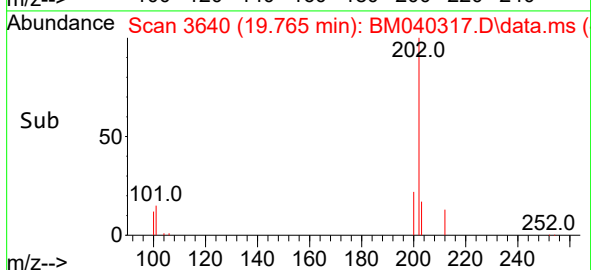
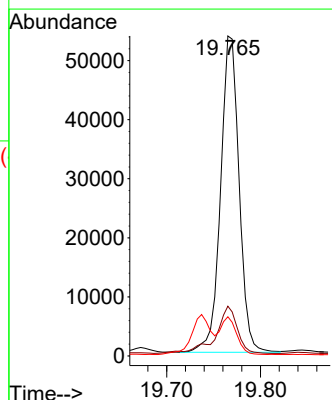
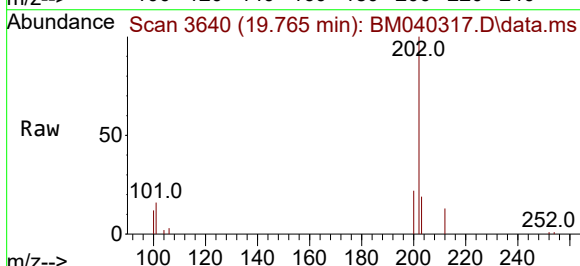
Tgt Ion:202 Resp: 73577

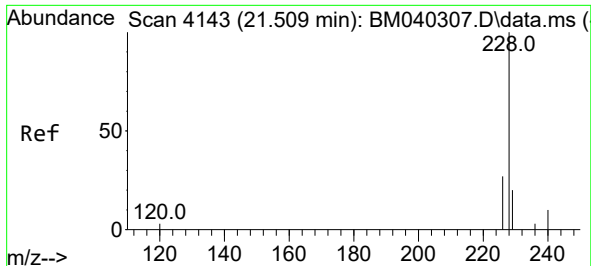
Ion Ratio Lower Upper

202 100

101 15.6 11.8 17.8

100 12.3 9.3 13.9

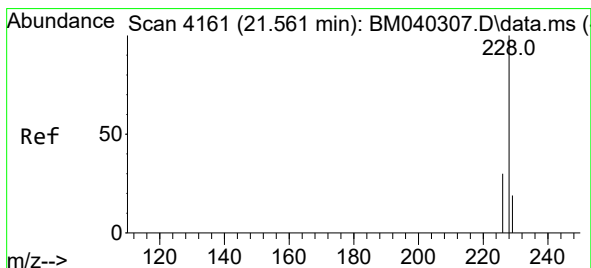
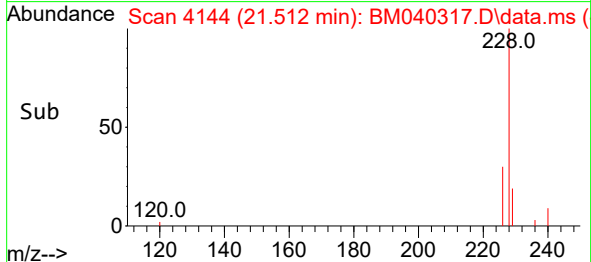
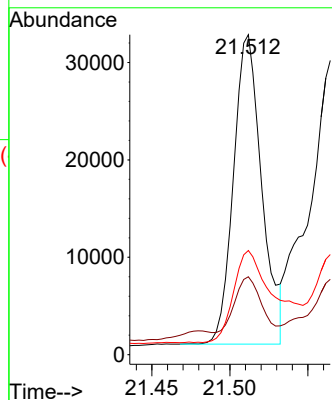
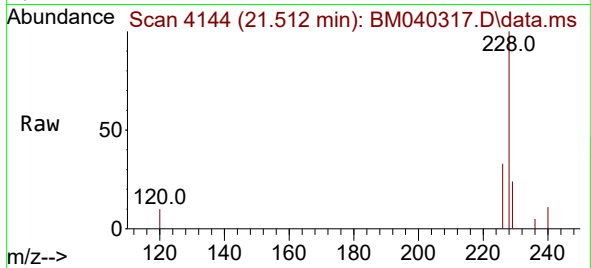




#21
Benzo(a)anthracene
Concen: 0.528 ng/ul
RT: 21.512 min Scan# 4143
Delta R.T. -0.003 min
Lab File: BM040317.D
Acq: 19 Jun 2023 16:44

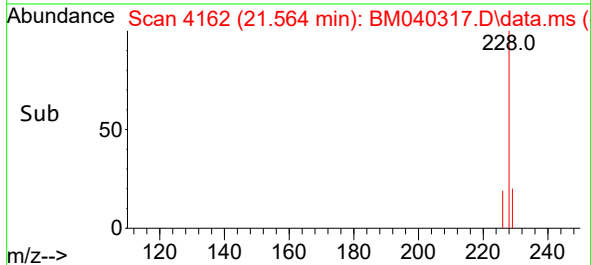
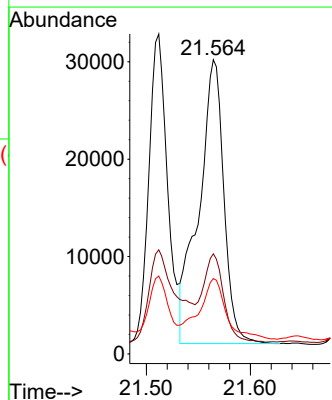
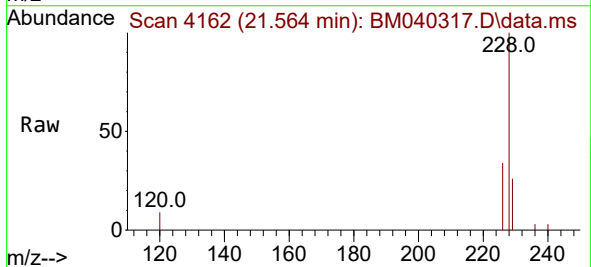
Instrument :
BNA_M
ClientSampleId :
DCFJ8DL

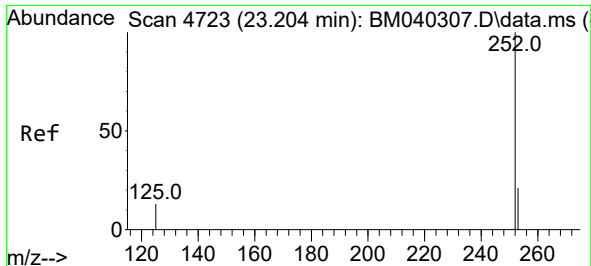
Tgt Ion:228 Resp: 40017
Ion Ratio Lower Upper
228 100
229 24.4 15.8 23.8#
226 32.5 22.0 33.0



#22
Chrysene
Concen: 0.610 ng/ul
RT: 21.564 min Scan# 4162
Delta R.T. -0.006 min
Lab File: BM040317.D
Acq: 19 Jun 2023 16:44

Tgt Ion:228 Resp: 48882
Ion Ratio Lower Upper
228 100
226 34.1 24.3 36.5
229 25.6 15.7 23.5#

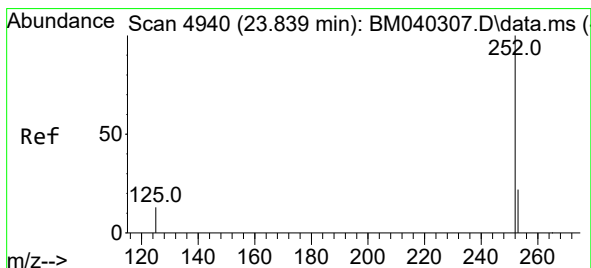
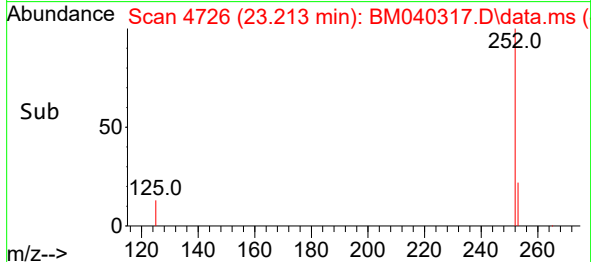
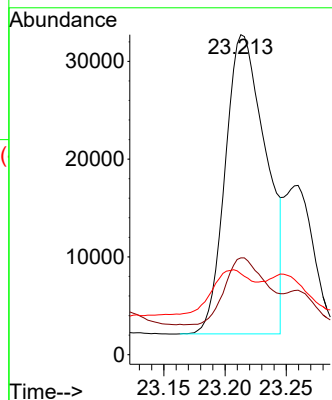
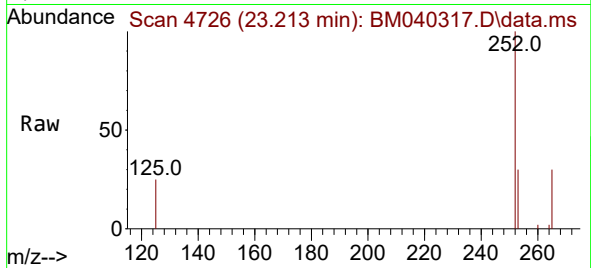




#24
Benzo(b)fluoranthene
Concen: 0.775 ng/ul
RT: 23.213 min Scan# 4726
Delta R.T. -0.003 min
Lab File: BM040317.D
Acq: 19 Jun 2023 16:44

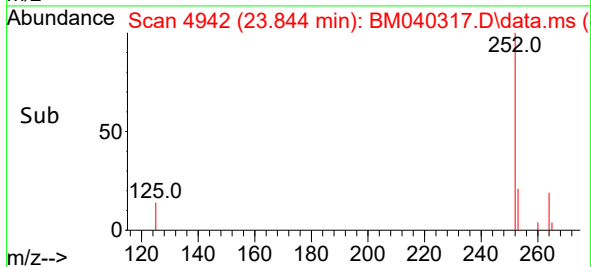
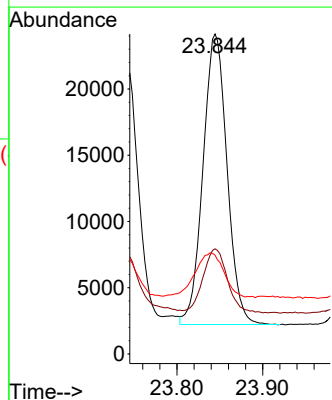
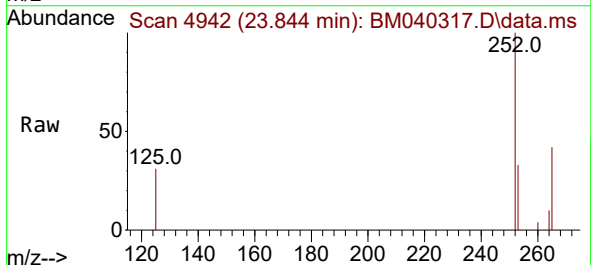
Instrument :
BNA_M
ClientSampleId :
DCFJ8DL

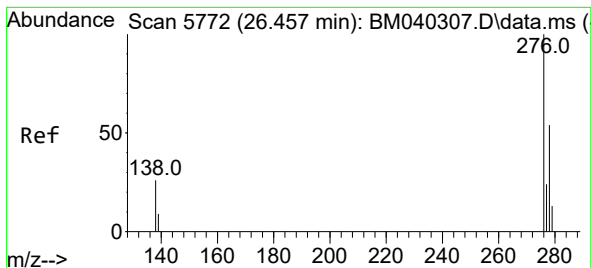
Tgt Ion:252 Resp: 70738
Ion Ratio Lower Upper
252 100
253 30.2 0.0 52.4
125 25.3 0.0 38.4



#26
Benzo(a)pyrene
Concen: 0.570 ng/ul
RT: 23.844 min Scan# 4942
Delta R.T. -0.006 min
Lab File: BM040317.D
Acq: 19 Jun 2023 16:44

Tgt Ion:252 Resp: 42714
Ion Ratio Lower Upper
252 100
253 32.9 23.4 35.0
125 30.9 19.7 29.5#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.412 ng/ul

RT: 26.474 min Scan# 5

Delta R.T. -0.003 min

Lab File: BM040317.D

Acq: 19 Jun 2023 16:44

Instrument :

BNA_M

ClientSampleId :

DCFJ8DL

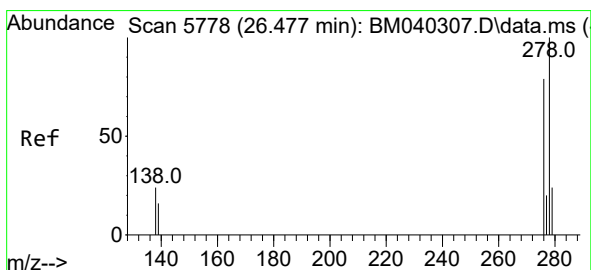
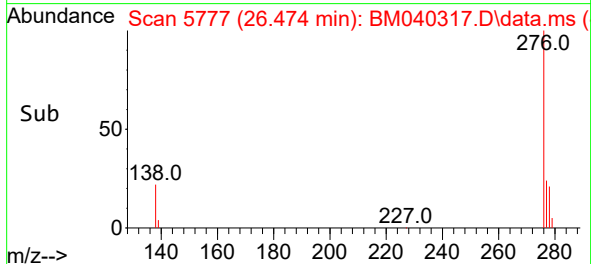
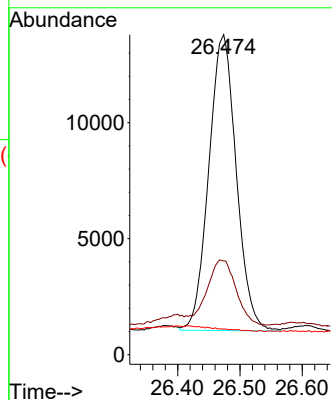
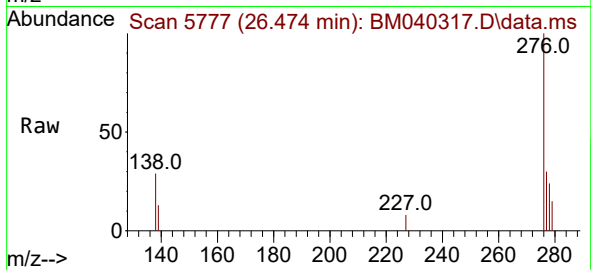
Tgt Ion:276 Resp: 39102

Ion Ratio Lower Upper

276 100

138 23.1 23.3 34.9#

227 0.0 0.1 0.1#



#28

Dibenzo(a,h)anthracene

Concen: 0.135 ng/ul

RT: 26.477 min Scan# 5778

Delta R.T. -0.020 min

Lab File: BM040317.D

Acq: 19 Jun 2023 16:44

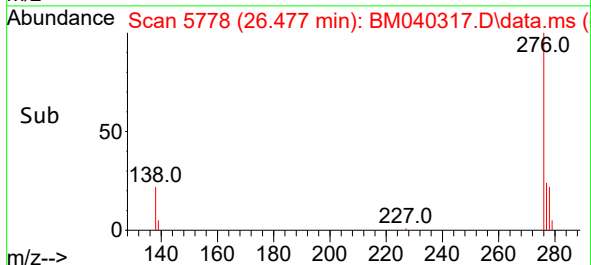
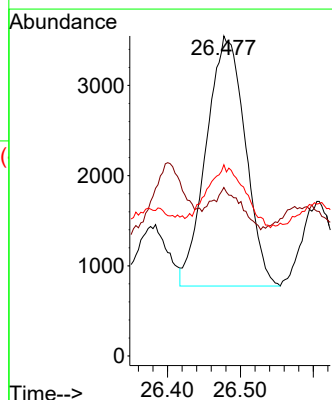
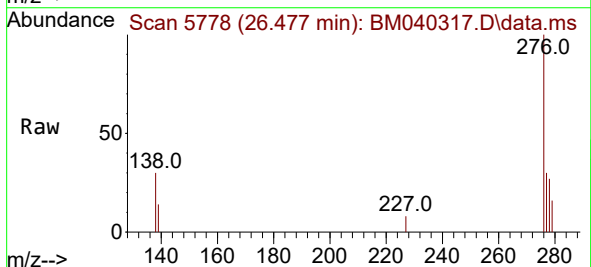
Tgt Ion:278 Resp: 10296

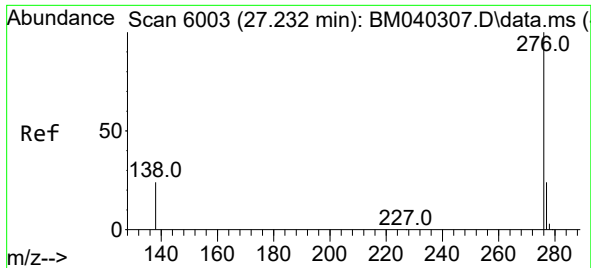
Ion Ratio Lower Upper

278 100

139 52.7 16.4 24.6#

279 59.8 21.8 32.8#





#29
Benzo(g,h,i)perylene
Concen: 0.487 ng/ul
RT: 27.249 min Scan# 6008
Delta R.T. -0.007 min
Lab File: BM040317.D
Acq: 19 Jun 2023 16:44

Instrument :
BNA_M
ClientSampleId :
DCFJ8DL

Tgt Ion:276 Resp: 38531
Ion Ratio Lower Upper
276 100
138 31.3 21.0 31.4
277 30.2 19.6 29.4#

