

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061923\
 Data File : BM040309.D
 Acq On : 19 Jun 2023 11:47
 Operator : MA/JU
 Sample : 03080-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFH1

Quant Time: Jun 20 00:12:22 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

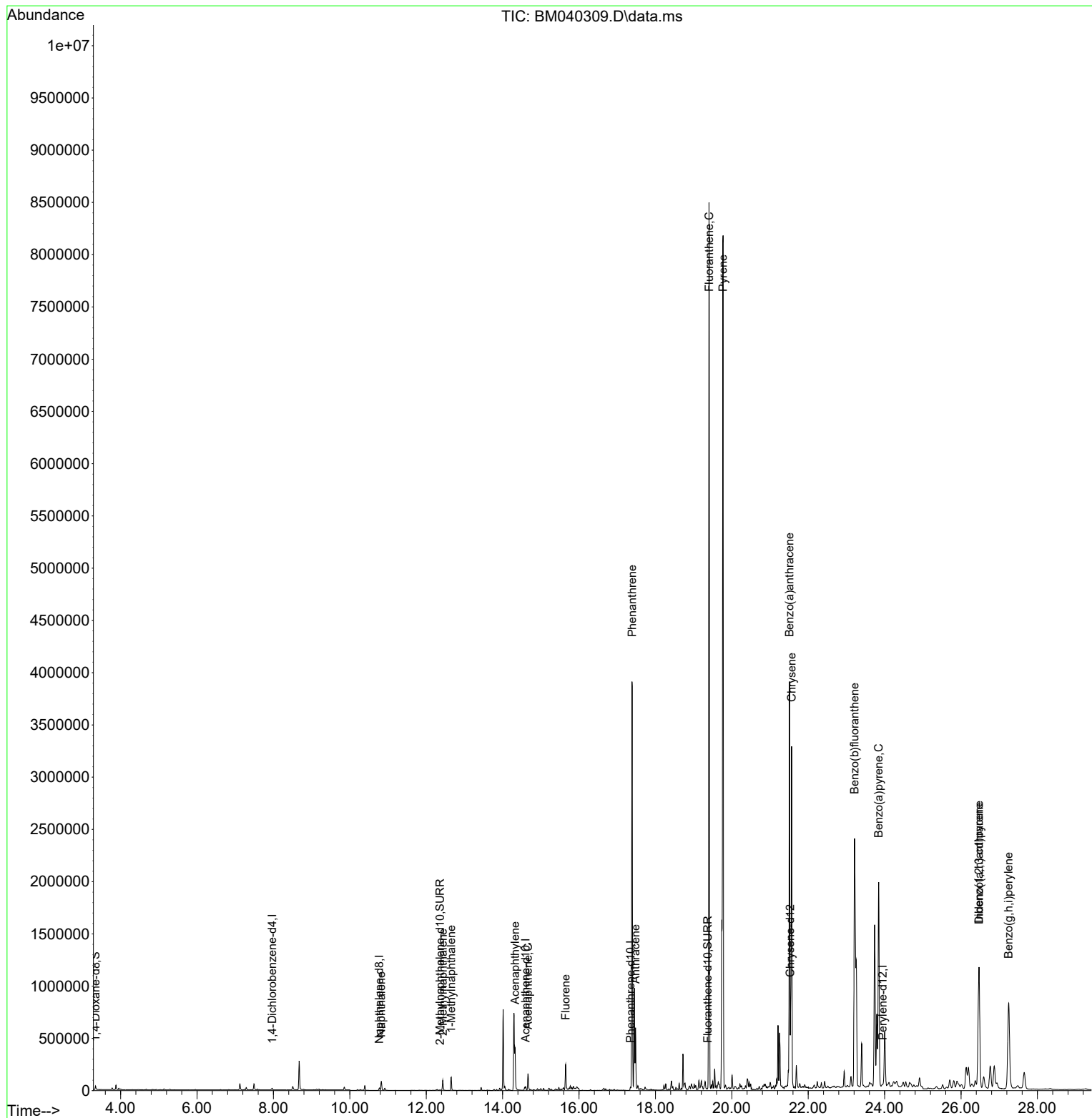
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.966	152	8359	0.400	ng/ul	0.00
4) Naphthalene-d8	10.773	136	32324	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.600	164	18379	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.345	188	35269	0.400	ng/ul	0.00
17) Chrysene-d12	21.526	240	27115	0.400	ng/ul	# 0.00
23) Perylene-d12	23.950	264	34785	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.342	96	21842	2.116	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.362	152	6567	0.160	ng/ul	-0.01
18) Fluoranthene-d10	19.370	212	13610	0.201	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.822	128	119866	1.565	ng/ul	100
7) 2-Methylnaphthalene	12.433	142	67280	1.414	ng/ul	99
8) 1-Methylnaphthalene	12.653	142	83955	1.684	ng/ul	99
10) Acenaphthylene	14.327	152	486643	7.570	ng/ul	99
11) Acenaphthene	14.665	153	92007	1.669	ng/ul	99
12) Fluorene	15.650	166	152863	2.489	ng/ul	99
15) Phenanthrene	17.387	178	3927033	42.348	ng/ul	99
16) Anthracene	17.480	178	600898	7.649	ng/ul	99
19) Fluoranthene	19.403	202	7033927	76.155	ng/ul	99
20) Pyrene	19.770	202	6744982	70.286	ng/ul	97
21) Benzo(a)anthracene	21.509	228	3220668	40.241	ng/ul	97
22) Chrysene	21.564	228	3172194	37.520	ng/ul	97
24) Benzo(b)fluoranthene	23.213	252	4065287	31.703	ng/ul	90
26) Benzo(a)pyrene	23.844	252	2729223	25.937	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.471	276	1954170	14.671	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.474	278	516085	4.827	ng/ul	97
29) Benzo(g,h,i)perylene	27.245	276	1834192	16.487	ng/ul	97

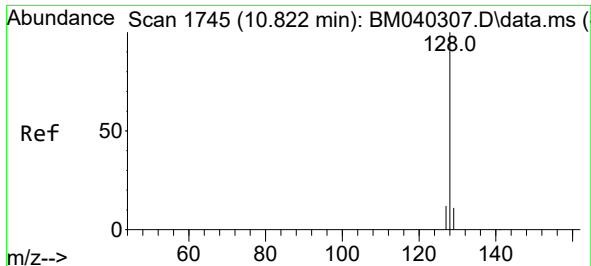
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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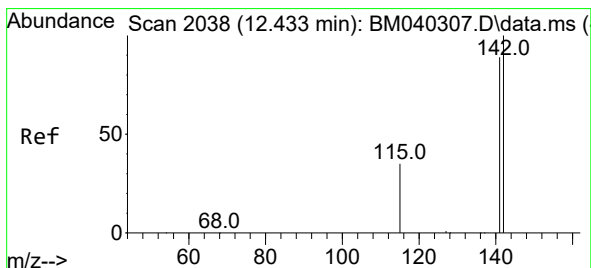
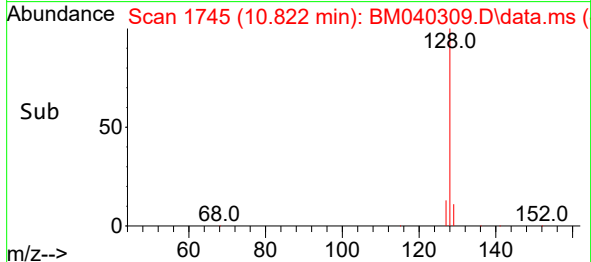
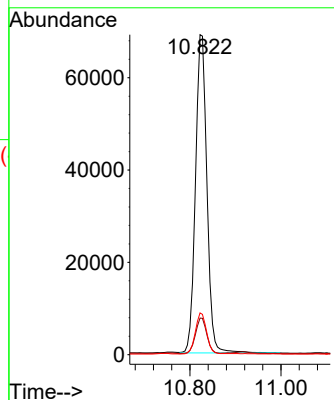
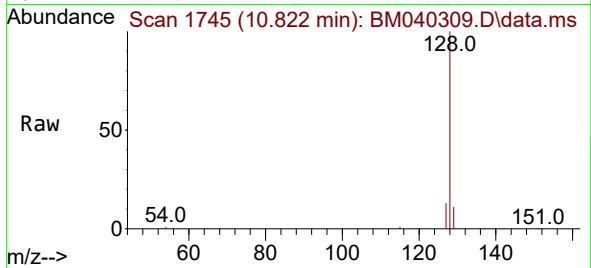




#5
Naphthalene
Concen: 1.565 ng/ul
RT: 10.822 min Scan# 1745
Delta R.T. -0.011 min
Lab File: BM040309.D
Acq: 19 Jun 2023 11:47

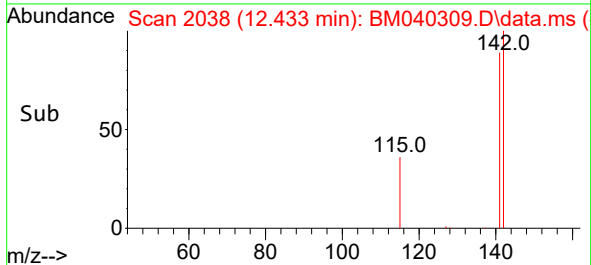
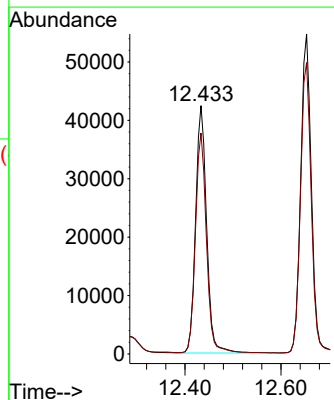
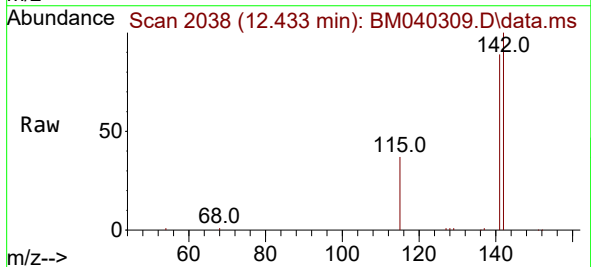
Instrument :
BNA_M
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DCFH1

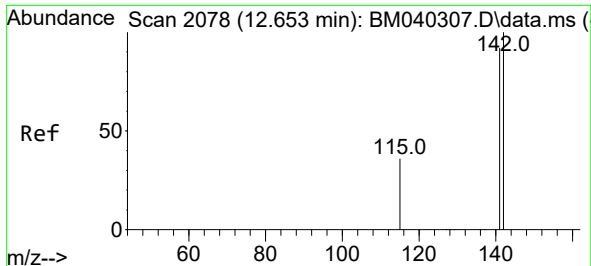
Tgt Ion:128 Resp: 119866
Ion Ratio Lower Upper
128 100
129 11.5 9.1 13.7
127 13.1 10.4 15.6



#7
2-Methylnaphthalene
Concen: 1.414 ng/ul
RT: 12.433 min Scan# 2038
Delta R.T. -0.011 min
Lab File: BM040309.D
Acq: 19 Jun 2023 11:47

Tgt Ion:142 Resp: 67280
Ion Ratio Lower Upper
142 100
141 88.8 70.6 106.0

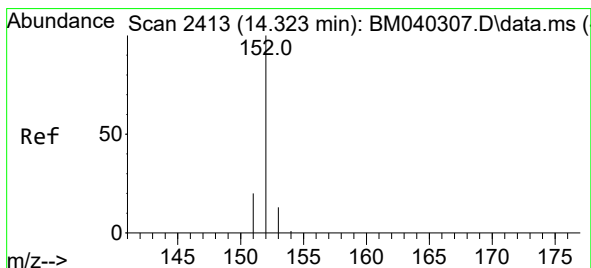
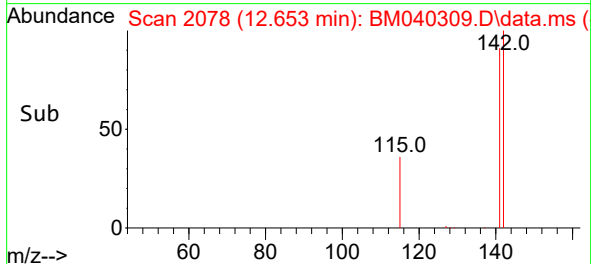
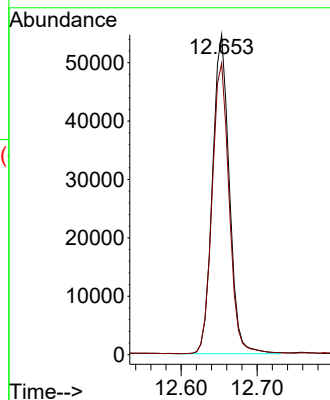
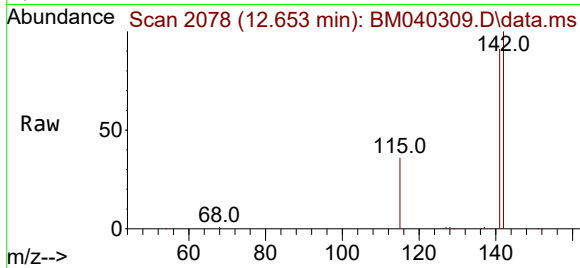




#8
1-Methylnaphthalene
Concen: 1.684 ng/ul
RT: 12.653 min Scan# 2078
Delta R.T. -0.011 min
Lab File: BM040309.D
Acq: 19 Jun 2023 11:47

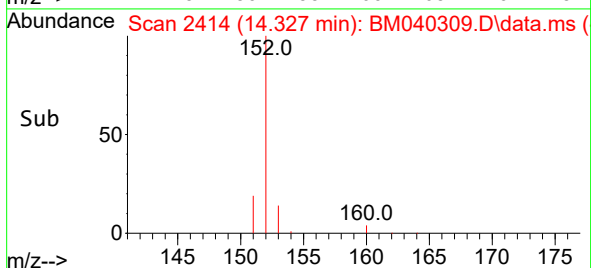
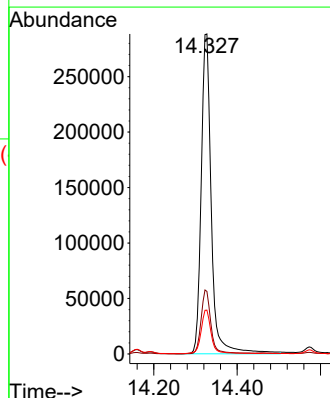
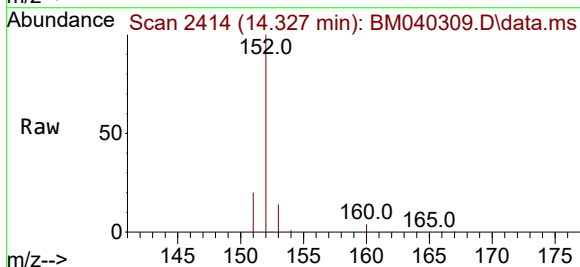
Instrument :
BNA_M
ClientSampleId :
DCFH1

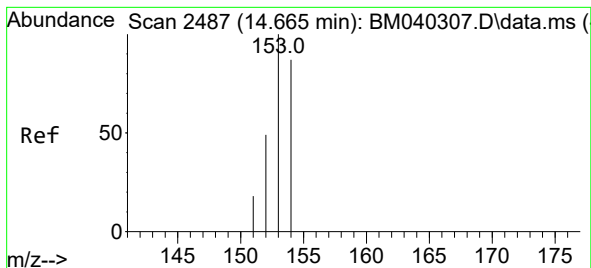
Tgt Ion:142 Resp: 83955
Ion Ratio Lower Upper
142 100
141 92.0 73.0 109.4



#10
Acenaphthylene
Concen: 7.570 ng/ul
RT: 14.327 min Scan# 2414
Delta R.T. -0.005 min
Lab File: BM040309.D
Acq: 19 Jun 2023 11:47

Tgt Ion:152 Resp: 486643
Ion Ratio Lower Upper
152 100
151 19.5 16.3 24.5
153 13.7 10.7 16.1





#11

Acenaphthene

Concen: 1.669 ng/ul

RT: 14.665 min Scan# 2487

Delta R.T. -0.009 min

Lab File: BM040309.D

Acq: 19 Jun 2023 11:47

Instrument :

BNA_M

ClientSampleId :

DCFH1

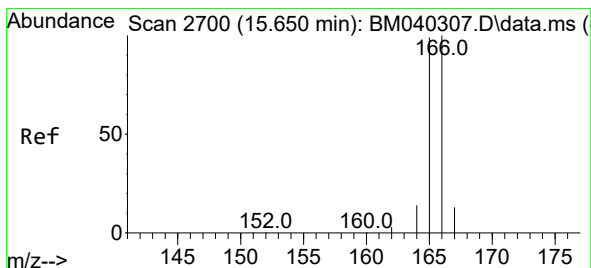
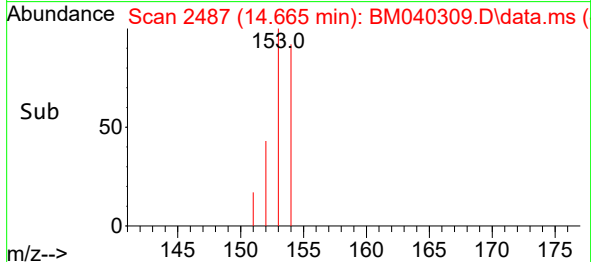
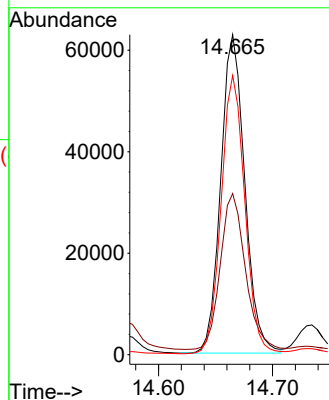
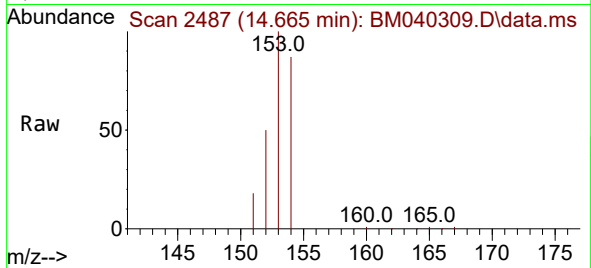
Tgt Ion:153 Resp: 92007

Ion Ratio Lower Upper

153 100

152 50.4 40.3 60.5

154 87.3 70.5 105.7



#12

Fluorene

Concen: 2.489 ng/ul

RT: 15.650 min Scan# 2700

Delta R.T. -0.009 min

Lab File: BM040309.D

Acq: 19 Jun 2023 11:47

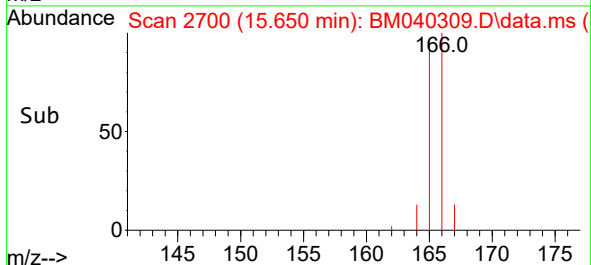
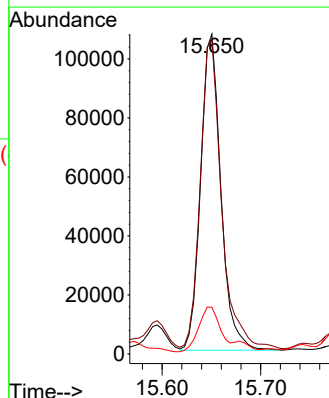
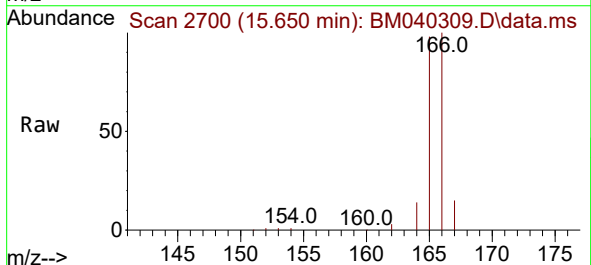
Tgt Ion:166 Resp: 152863

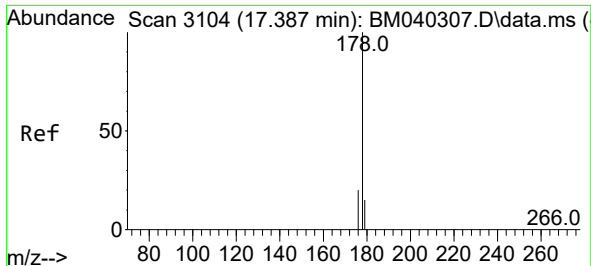
Ion Ratio Lower Upper

166 100

165 98.4 78.2 117.4

167 14.6 11.0 16.4

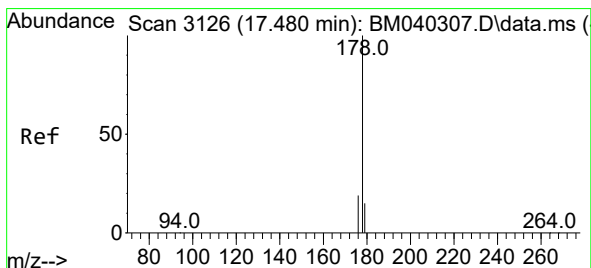
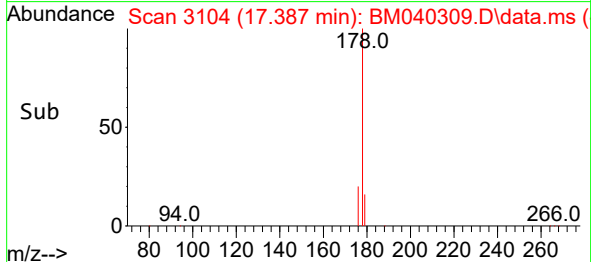
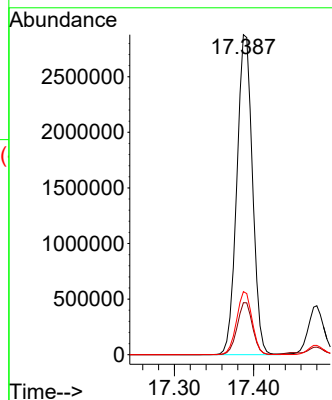
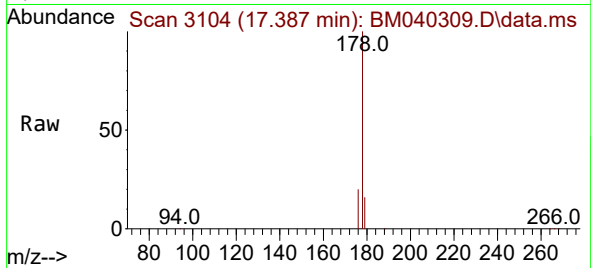




#15
Phenanthrene
Concen: 42.348 ng/ul
RT: 17.387 min Scan# 3104
Delta R.T. -0.008 min
Lab File: BM040309.D
Acq: 19 Jun 2023 11:47

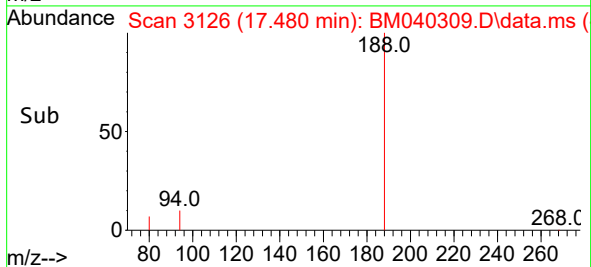
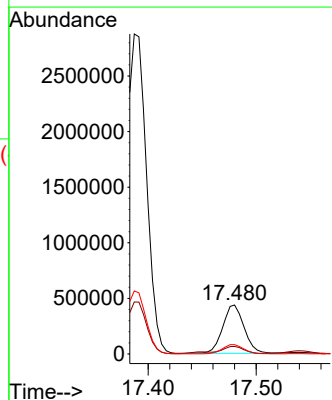
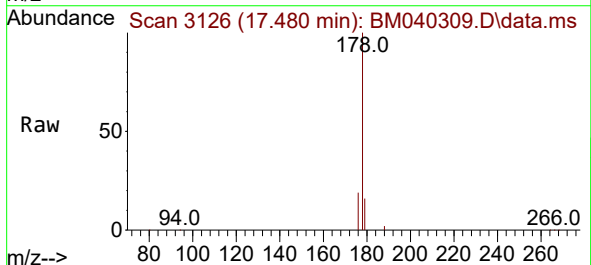
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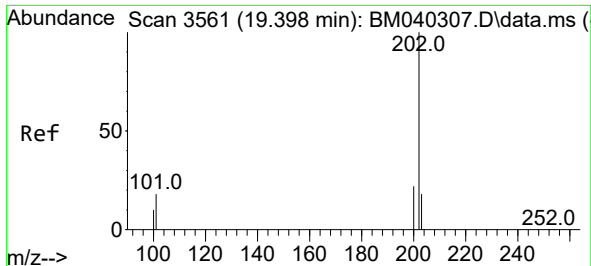
Tgt Ion:178 Resp: 3927033
Ion Ratio Lower Upper
178 100
179 16.2 12.6 19.0
176 19.7 16.1 24.1



#16
Anthracene
Concen: 7.649 ng/ul
RT: 17.480 min Scan# 3126
Delta R.T. -0.008 min
Lab File: BM040309.D
Acq: 19 Jun 2023 11:47

Tgt Ion:178 Resp: 600898
Ion Ratio Lower Upper
178 100
179 15.5 13.0 19.4
176 19.0 15.5 23.3

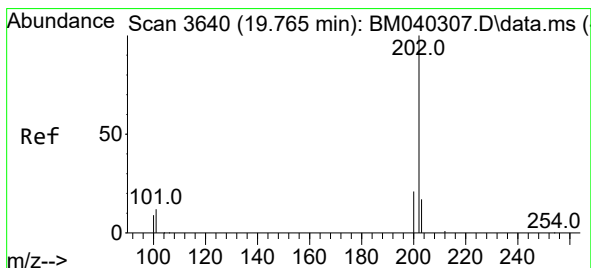
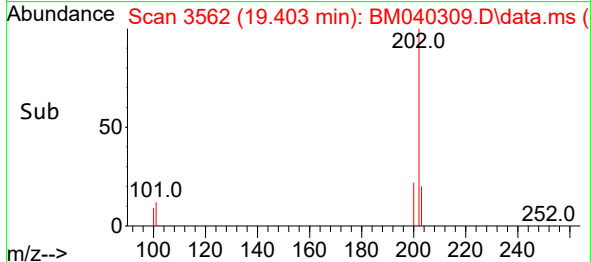
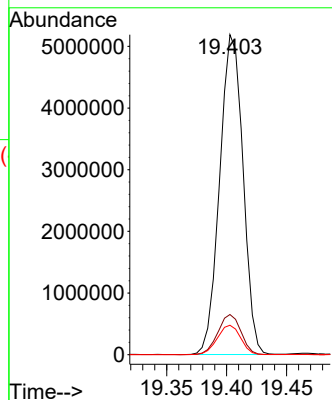
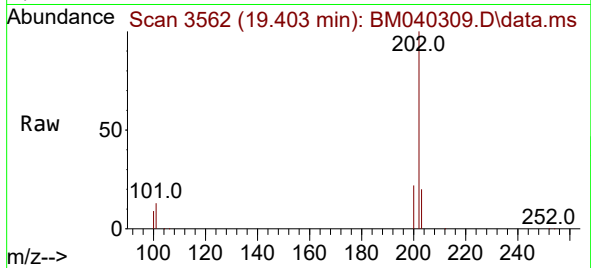




#19
Fluoranthene
Concen: 76.155 ng/ul
RT: 19.403 min Scan# 3562
Delta R.T. -0.005 min
Lab File: BM040309.D
Acq: 19 Jun 2023 11:47

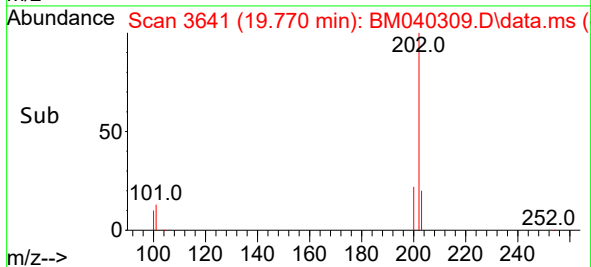
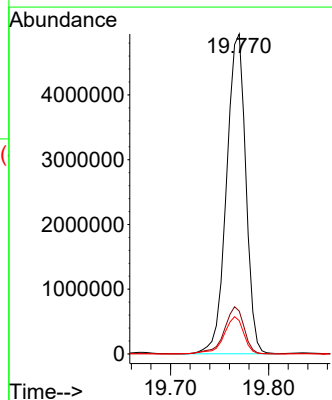
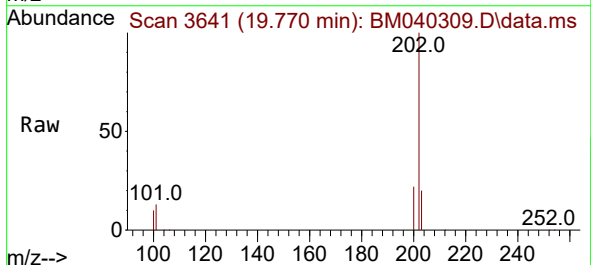
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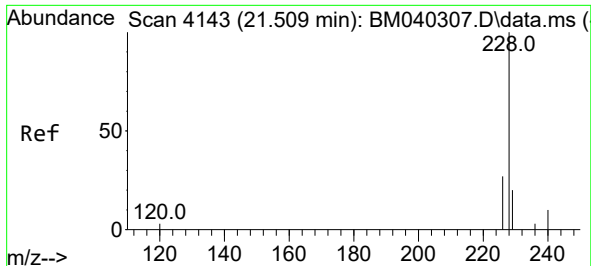
Tgt Ion:202 Resp: 7033927
Ion Ratio Lower Upper
202 100
101 12.5 10.2 15.4
100 9.2 7.6 11.4



#20
Pyrene
Concen: 70.286 ng/ul
RT: 19.770 min Scan# 3641
Delta R.T. 0.000 min
Lab File: BM040309.D
Acq: 19 Jun 2023 11:47

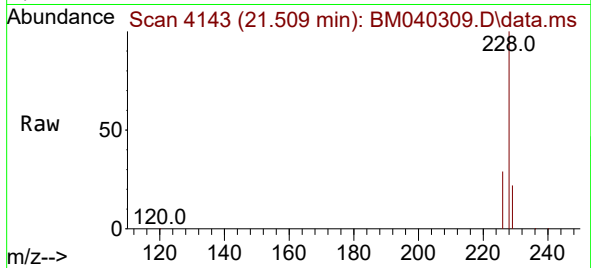
Tgt Ion:202 Resp: 6744982
Ion Ratio Lower Upper
202 100
101 13.4 11.8 17.8
100 10.4 9.3 13.9



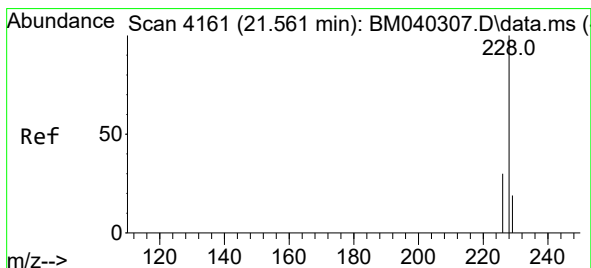
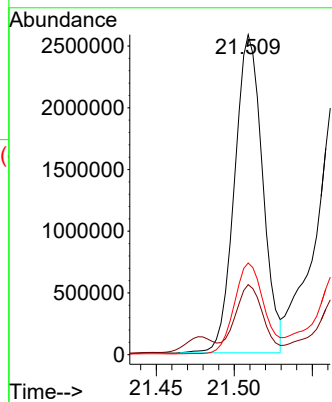
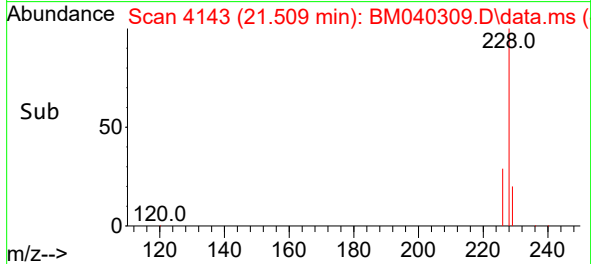


#21
Benzo(a)anthracene
Concen: 40.241 ng/ul
RT: 21.509 min Scan# 4143
Delta R.T. -0.006 min
Lab File: BM040309.D
Acq: 19 Jun 2023 11:47

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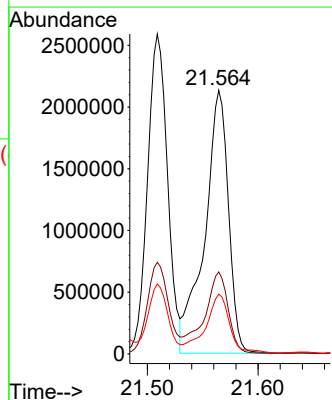
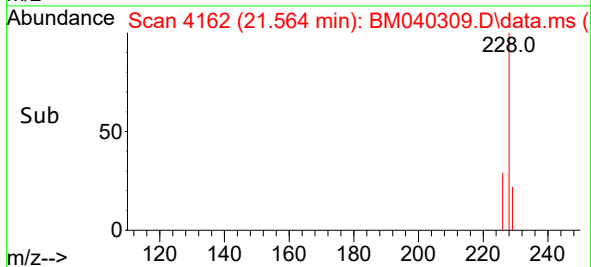
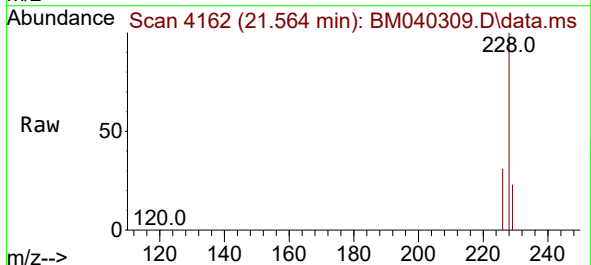


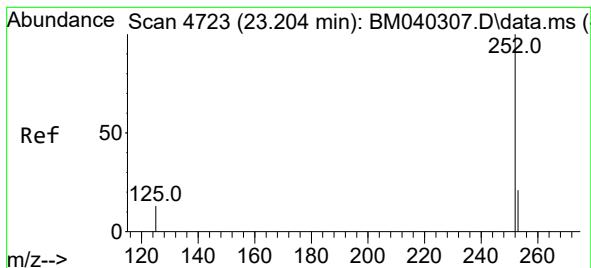
Tgt Ion:228 Resp: 3220668
Ion Ratio Lower Upper
228 100
229 21.9 15.8 23.8
226 28.7 22.0 33.0



#22
Chrysene
Concen: 37.520 ng/ul
RT: 21.564 min Scan# 4162
Delta R.T. -0.006 min
Lab File: BM040309.D
Acq: 19 Jun 2023 11:47

Tgt Ion:228 Resp: 3172194
Ion Ratio Lower Upper
228 100
226 31.1 24.3 36.5
229 22.7 15.7 23.5





#24

Benzo(b)fluoranthene

Concen: 31.703 ng/ul

RT: 23.213 min Scan# 41

Delta R.T. -0.003 min

Lab File: BM040309.D

Acq: 19 Jun 2023 11:47

Instrument :

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ClientSampleId :

DCFH1

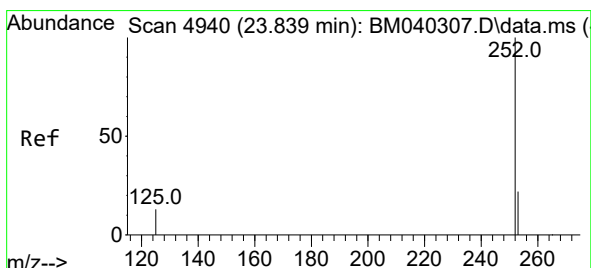
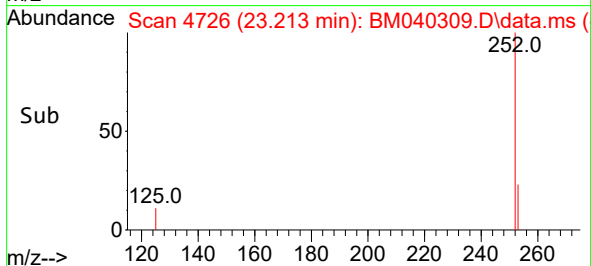
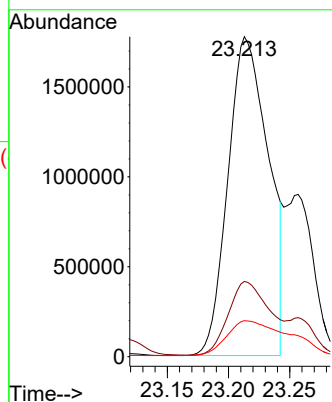
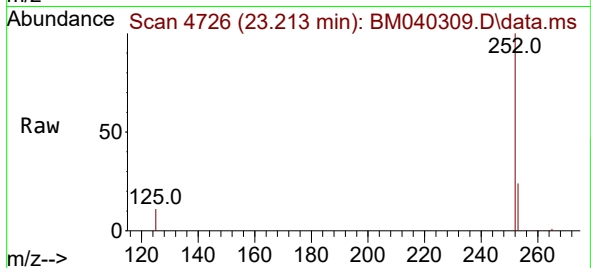
Tgt Ion:252 Resp: 4065287

Ion Ratio Lower Upper

252 100

253 23.5 0.0 52.4

125 11.2 0.0 38.4



#26

Benzo(a)pyrene

Concen: 25.937 ng/ul

RT: 23.844 min Scan# 4942

Delta R.T. -0.006 min

Lab File: BM040309.D

Acq: 19 Jun 2023 11:47

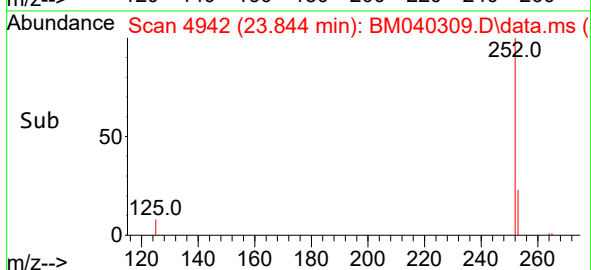
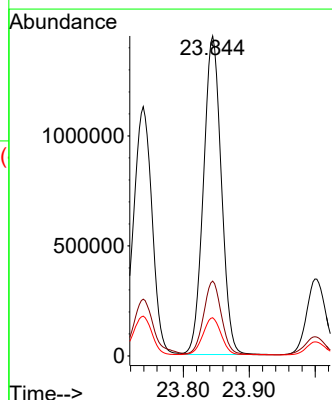
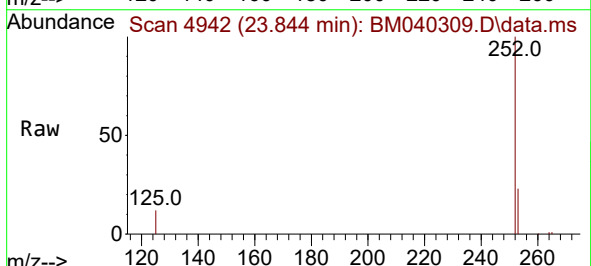
Tgt Ion:252 Resp: 2729223

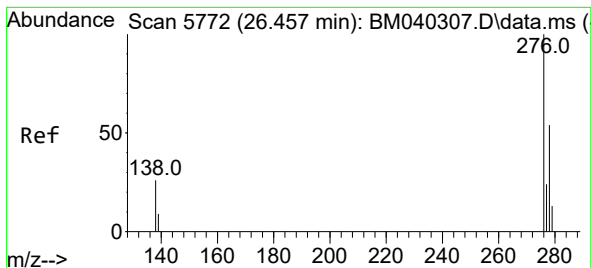
Ion Ratio Lower Upper

252 100

253 23.4 23.4 35.0

125 11.9 19.7 29.5#





#27

Indeno(1,2,3-cd)pyrene

Concen: 14.671 ng/ul

RT: 26.471 min Scan# 5

Delta R.T. -0.007 min

Lab File: BM040309.D

Acq: 19 Jun 2023 11:47

Instrument :

BNA_M

ClientSampleId :

DCFH1

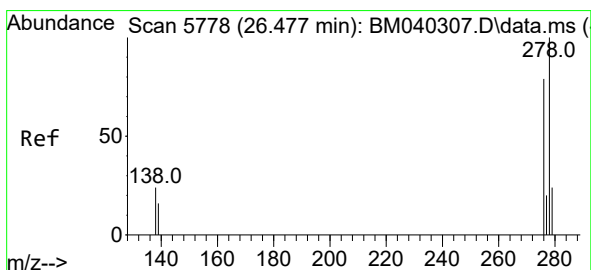
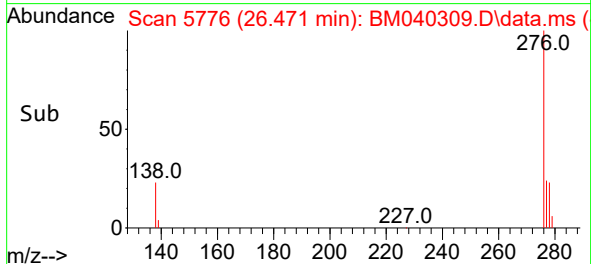
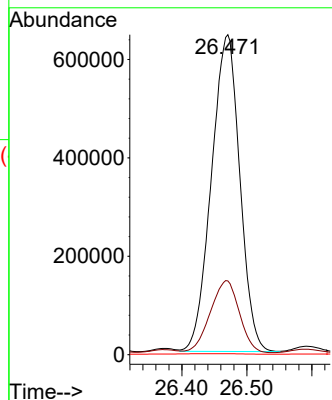
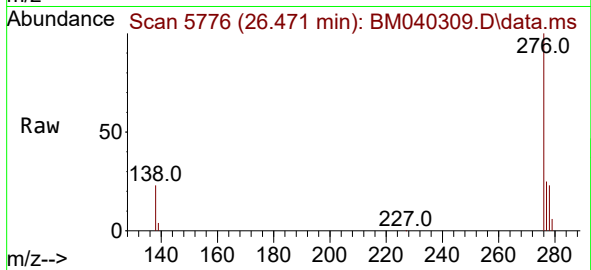
Tgt Ion:276 Resp: 1954170

Ion Ratio Lower Upper

276 100

138 23.3 23.3 34.9

227 0.3 0.1 0.1#



#28

Dibenzo(a,h)anthracene

Concen: 4.827 ng/ul

RT: 26.474 min Scan# 5777

Delta R.T. -0.023 min

Lab File: BM040309.D

Acq: 19 Jun 2023 11:47

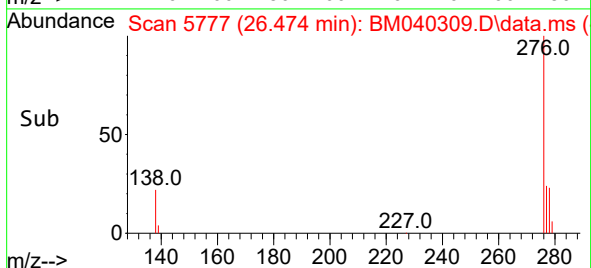
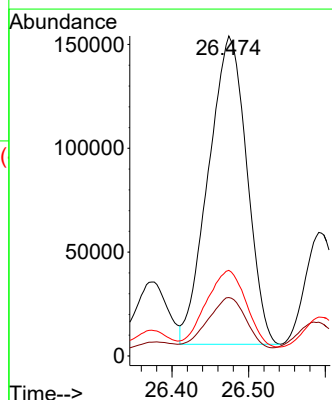
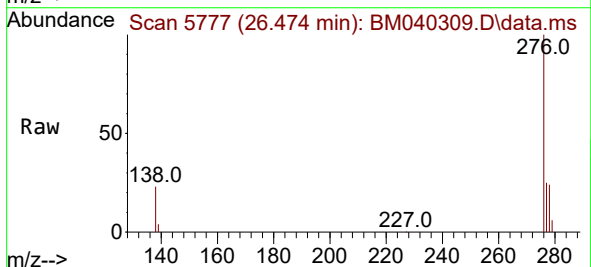
Tgt Ion:278 Resp: 516085

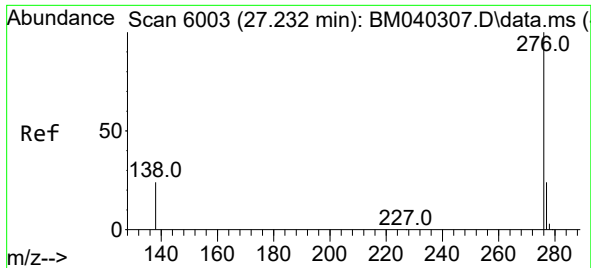
Ion Ratio Lower Upper

278 100

139 18.3 16.4 24.6

279 26.7 21.8 32.8





#29
 Benzo(g,h,i)perylene
 Concen: 16.487 ng/ul
 RT: 27.245 min Scan# 6007
 Delta R.T. -0.010 min
 Lab File: BM040309.D
 Acq: 19 Jun 2023 11:47

Instrument :
 BNA_M
 ClientSampleId :
 DCFH1

Tgt Ion:276 Resp: 1834192
 Ion Ratio Lower Upper
 276 100
 138 23.7 21.0 31.4
 277 24.1 19.6 29.4

