

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070123\
 Data File : BM040509.D
 Acq On : 01 Jul 2023 18:37
 Operator : MA/JU
 Sample : 03161-20DL 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFX6DL

Quant Time: Jul 01 23:48:38 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)

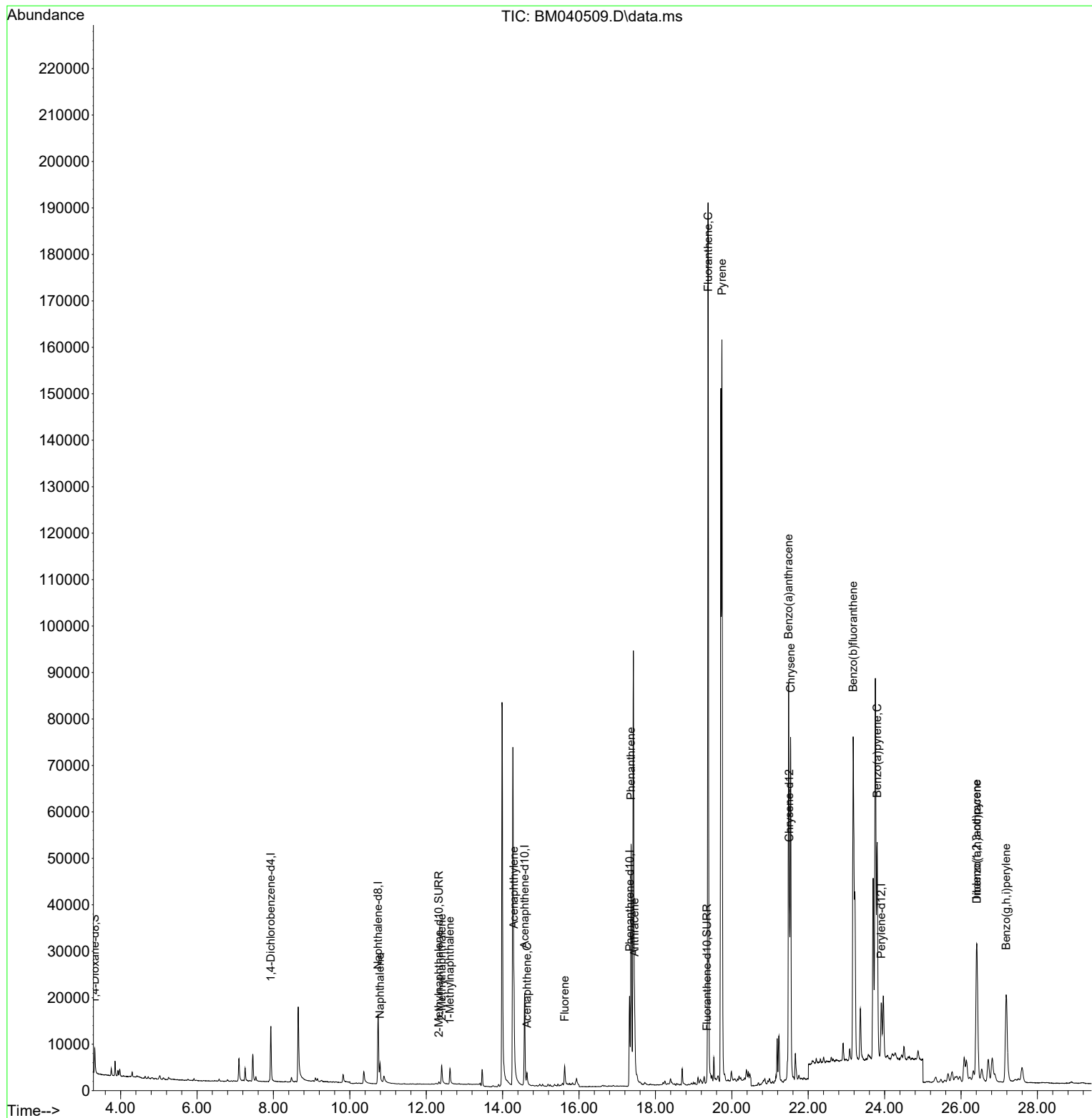
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.932	152	6594	0.400	ng/ul	0.00
4) Naphthalene-d8	10.740	136	24503	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.577	164	12602	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.324	188	26462	0.400	ng/ul	0.00
17) Chrysene-d12	21.503	240	18478	0.400	ng/ul	0.00
23) Perylene-d12	23.912	264	18070	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.325	96	3622	0.350	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.329	152	885	0.026	ng/ul	0.00
18) Fluoranthene-d10	19.347	212	1670	0.028	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.789	128	6179	0.091	ng/ul#	93
7) 2-Methylnaphthalene	12.406	142	3971	0.100	ng/ul	99
8) 1-Methylnaphthalene	12.620	142	2793	0.070	ng/ul	100
10) Acenaphthylene	14.295	152	19843	0.352	ng/ul	99
11) Acenaphthene	14.637	153	1620	0.034	ng/ul	95
12) Fluorene	15.623	166	3220	0.063	ng/ul#	93
15) Phenanthrene	17.362	178	66077	0.804	ng/ul	99
16) Anthracene	17.455	178	14405	0.209	ng/ul	97
19) Fluoranthene	19.380	202	179886	2.292	ng/ul	95
20) Pyrene	19.742	202	140505	1.670	ng/ul	97
21) Benzo(a)anthracene	21.486	228	75924	1.215	ng/ul	97
22) Chrysene	21.538	228	79299	1.112	ng/ul	98
24) Benzo(b)fluoranthene	23.178	252	123862	1.771	ng/ul	90
26) Benzo(a)pyrene	23.804	252	71211	1.130	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.410	276	55049	0.627	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.417	278	13908	0.202	ng/ul#	90
29) Benzo(g,h,i)perylene	27.182	276	45773	0.595	ng/ul	97

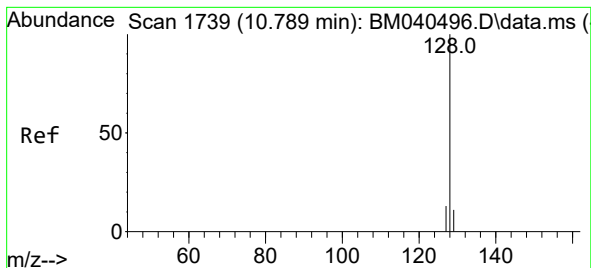
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.091 ng/ul

RT: 10.789 min Scan# 1

Delta R.T. -0.005 min

Lab File: BM040509.D

Acq: 01 Jul 2023 18:37

Instrument :

BNA_M

ClientSampleId :

DCFX6DL

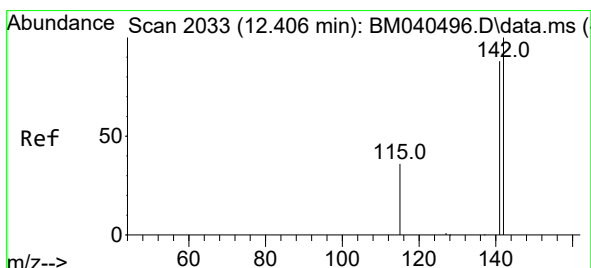
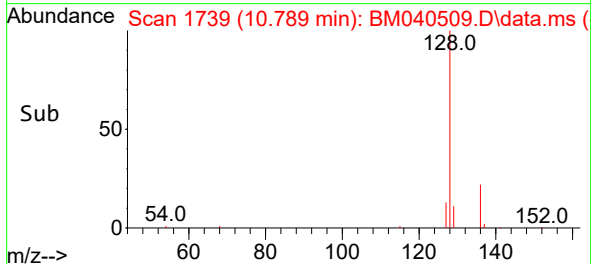
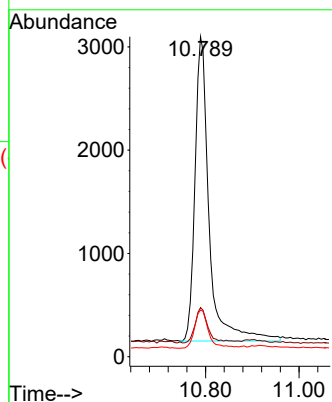
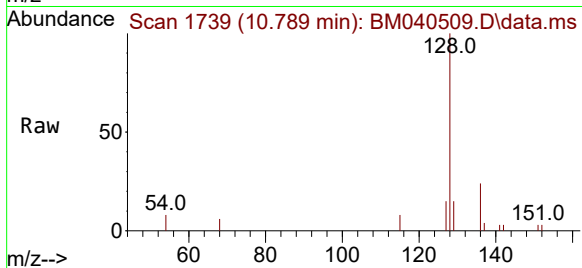
Tgt Ion:128 Resp: 6179

Ion Ratio Lower Upper

128 100

129 15.3 9.2 13.8#

127 14.6 10.6 15.8



#7

2-Methylnaphthalene

Concen: 0.100 ng/ul

RT: 12.406 min Scan# 2033

Delta R.T. 0.000 min

Lab File: BM040509.D

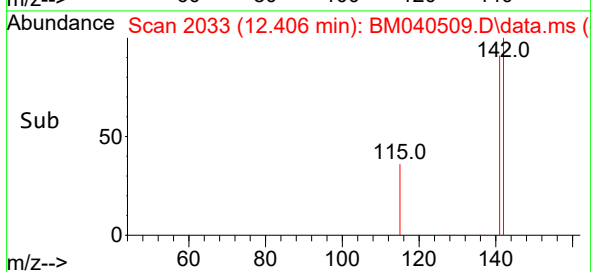
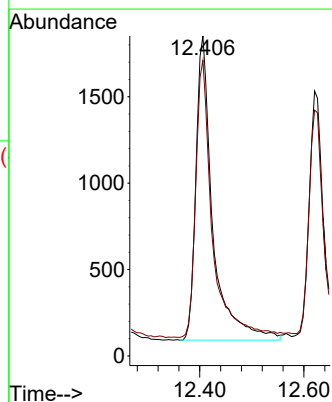
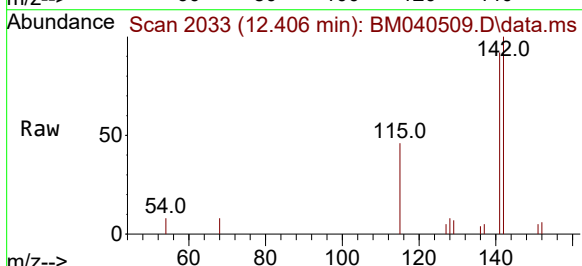
Acq: 01 Jul 2023 18:37

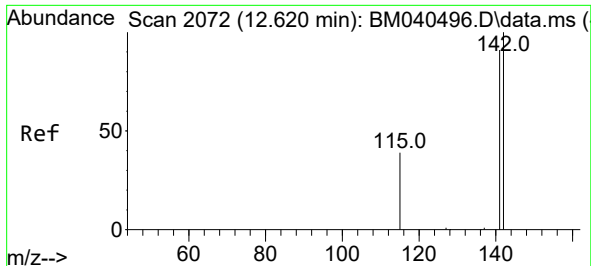
Tgt Ion:142 Resp: 3971

Ion Ratio Lower Upper

142 100

141 90.6 71.9 107.9

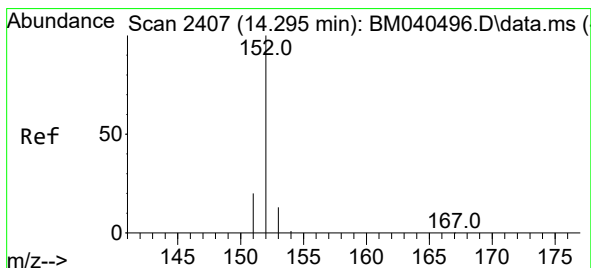
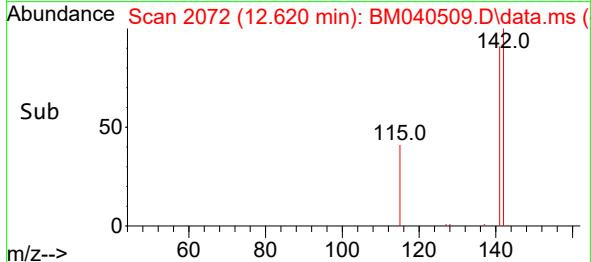
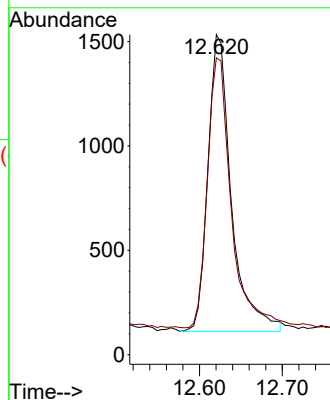
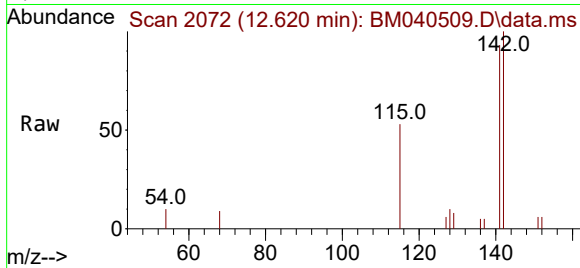




#8
1-Methylnaphthalene
Concen: 0.070 ng/ul
RT: 12.620 min Scan# 2072
Delta R.T. -0.005 min
Lab File: BM040509.D
Acq: 01 Jul 2023 18:37

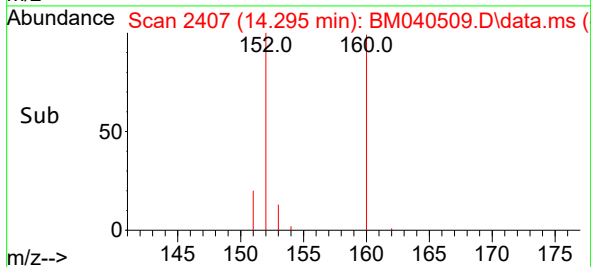
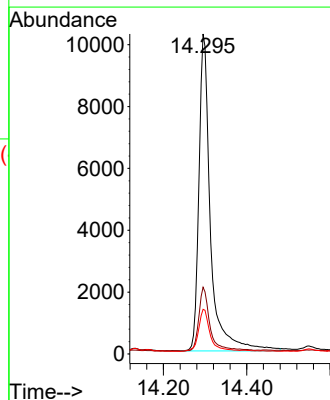
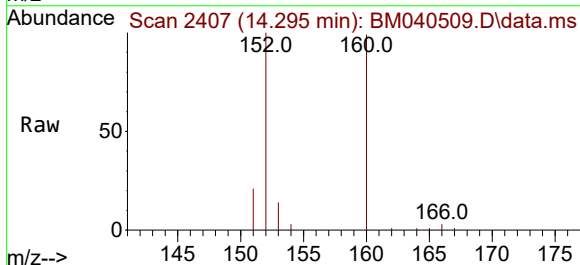
Instrument :
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DCFX6DL

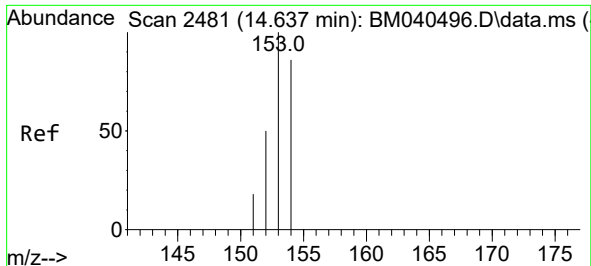
Tgt Ion:142 Resp: 2793
Ion Ratio Lower Upper
142 100
141 91.8 73.7 110.5



#10
Acenaphthylene
Concen: 0.352 ng/ul
RT: 14.295 min Scan# 2407
Delta R.T. -0.004 min
Lab File: BM040509.D
Acq: 01 Jul 2023 18:37

Tgt Ion:152 Resp: 19843
Ion Ratio Lower Upper
152 100
151 20.9 16.2 24.2
153 14.0 10.9 16.3

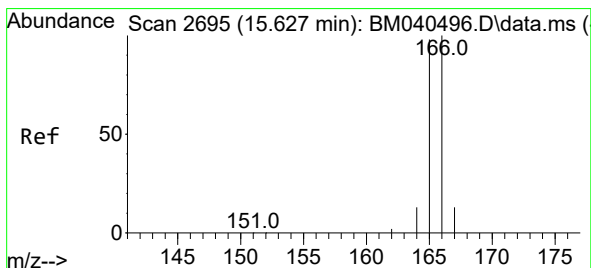
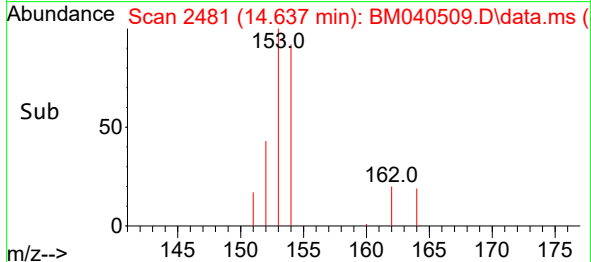
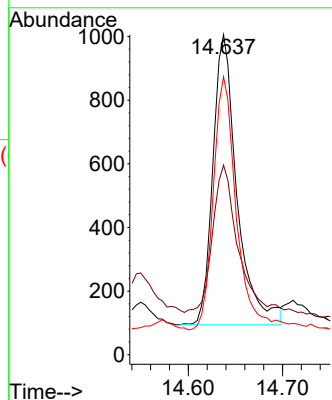
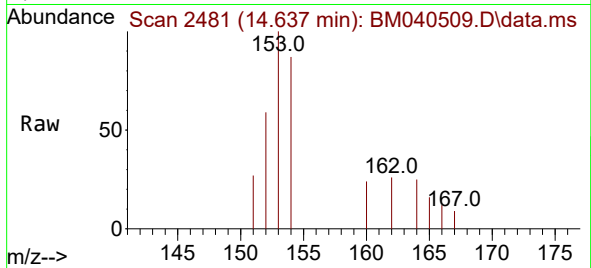




#11
Acenaphthene
Concen: 0.034 ng/ul
RT: 14.637 min Scan# 2481
Delta R.T. -0.004 min
Lab File: BM040509.D
Acq: 01 Jul 2023 18:37

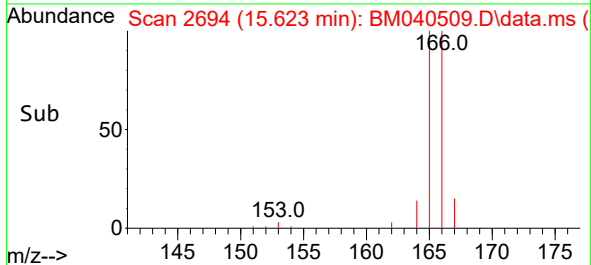
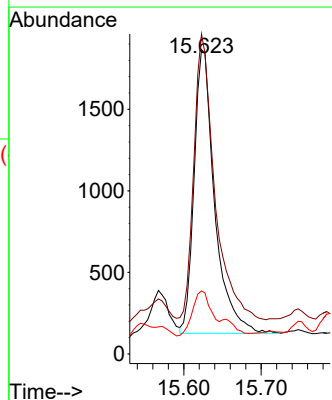
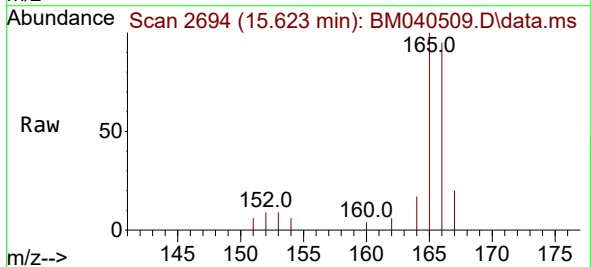
Instrument :
BNA_M
ClientSampleId :
DCFX6DL

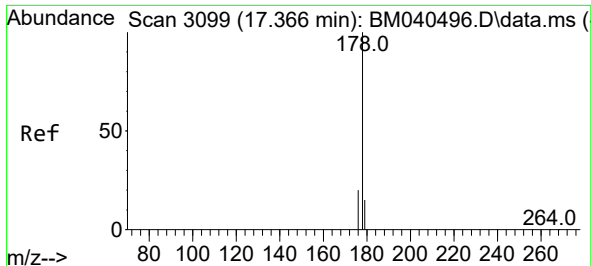
Tgt Ion:153 Resp: 1620
Ion Ratio Lower Upper
153 100
152 59.2 41.0 61.4
154 86.9 70.8 106.2



#12
Fluorene
Concen: 0.063 ng/ul
RT: 15.623 min Scan# 2694
Delta R.T. -0.009 min
Lab File: BM040509.D
Acq: 01 Jul 2023 18:37

Tgt Ion:166 Resp: 3220
Ion Ratio Lower Upper
166 100
165 105.1 79.6 119.4
167 20.7 11.4 17.0#

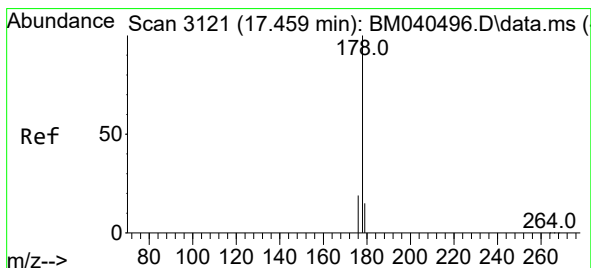
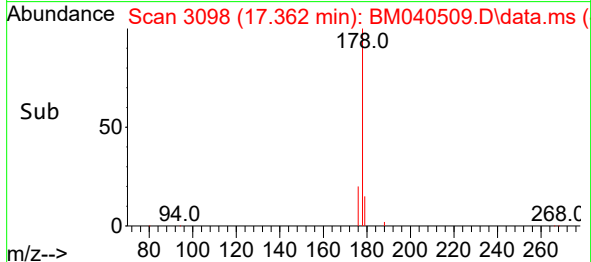
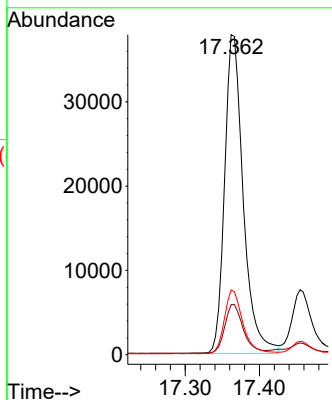
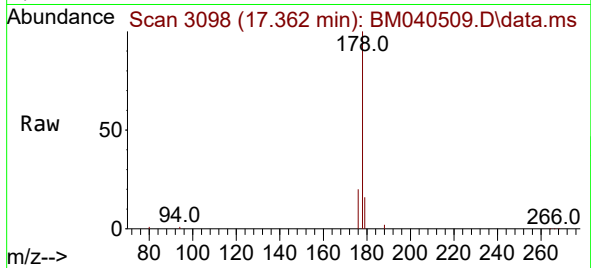




#15
Phenanthrene
Concen: 0.804 ng/ul
RT: 17.362 min Scan# 3099
Delta R.T. -0.008 min
Lab File: BM040509.D
Acq: 01 Jul 2023 18:37

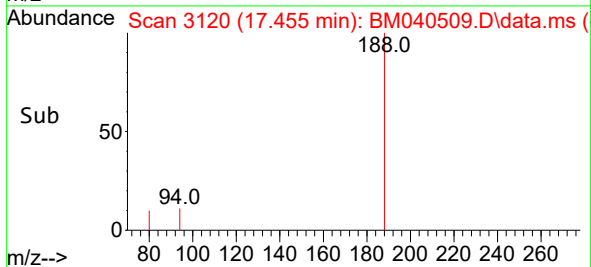
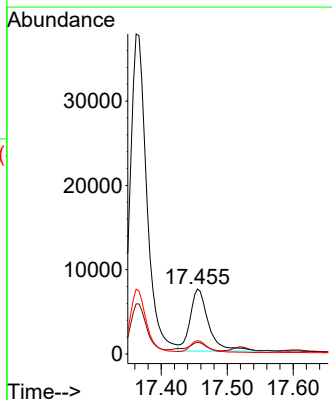
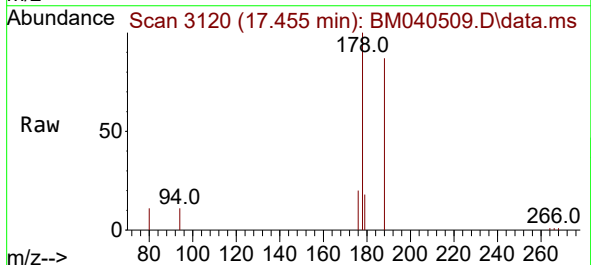
Instrument :
BNA_M
ClientSampleId :
DCFX6DL

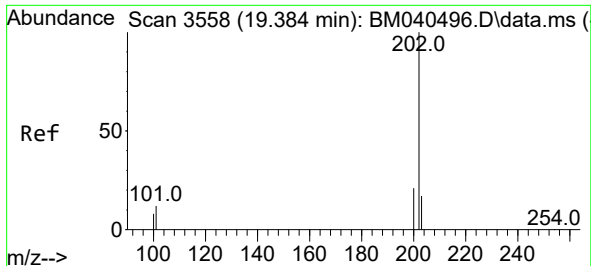
Tgt Ion:178 Resp: 66077
Ion Ratio Lower Upper
178 100
179 15.7 12.8 19.2
176 20.2 16.4 24.6



#16
Anthracene
Concen: 0.209 ng/ul
RT: 17.455 min Scan# 3120
Delta R.T. -0.008 min
Lab File: BM040509.D
Acq: 01 Jul 2023 18:37

Tgt Ion:178 Resp: 14405
Ion Ratio Lower Upper
178 100
179 18.1 12.9 19.3
176 20.4 15.8 23.6

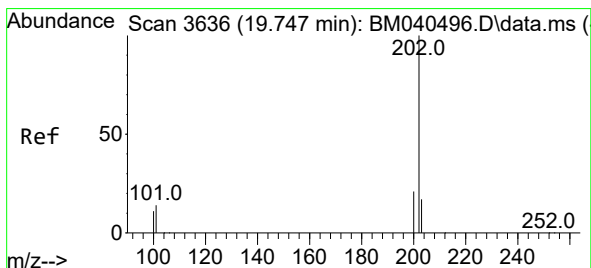
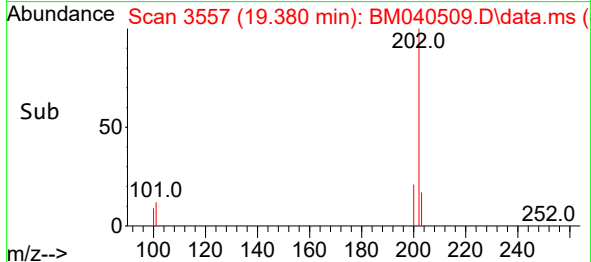
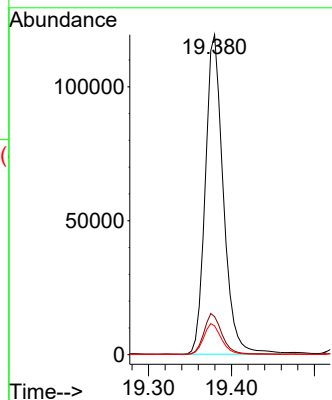
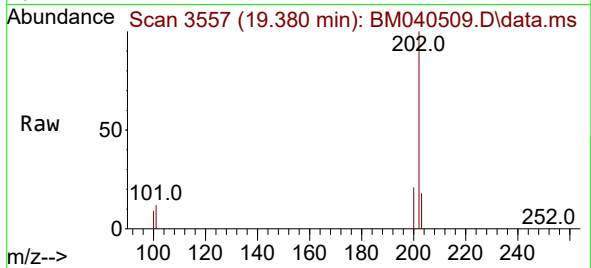




#19
Fluoranthene
Concen: 2.292 ng/ul
RT: 19.380 min Scan# 31
Delta R.T. -0.004 min
Lab File: BM040509.D
Acq: 01 Jul 2023 18:37

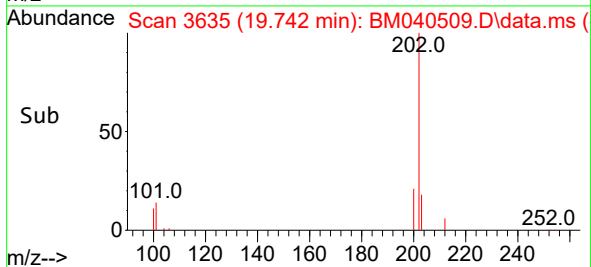
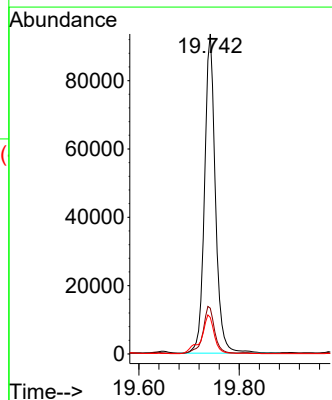
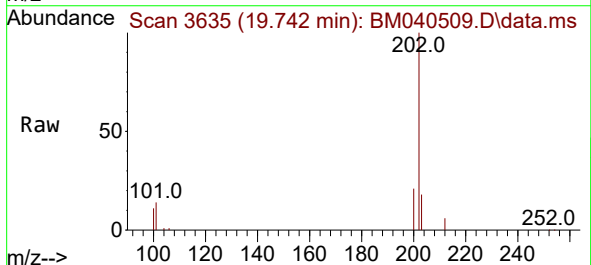
Instrument :
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ClientSampleId :
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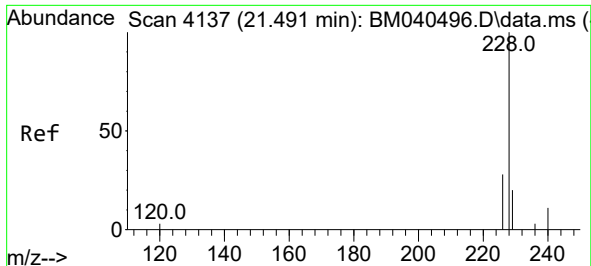
Tgt Ion:202 Resp: 179886
Ion Ratio Lower Upper
202 100
101 11.9 11.4 17.0
100 9.0 8.7 13.1



#20
Pyrene
Concen: 1.670 ng/ul
RT: 19.742 min Scan# 3635
Delta R.T. -0.004 min
Lab File: BM040509.D
Acq: 01 Jul 2023 18:37

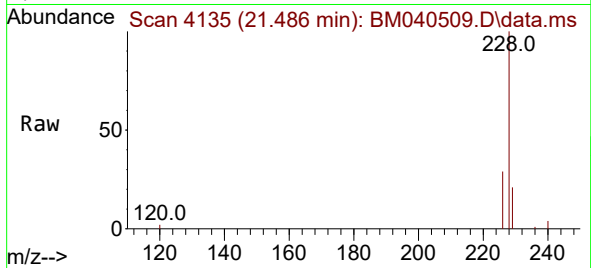
Tgt Ion:202 Resp: 140505
Ion Ratio Lower Upper
202 100
101 14.3 12.6 18.8
100 11.4 9.8 14.6



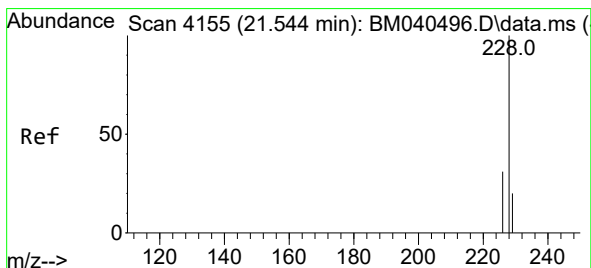
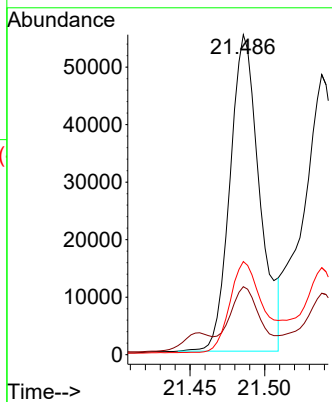
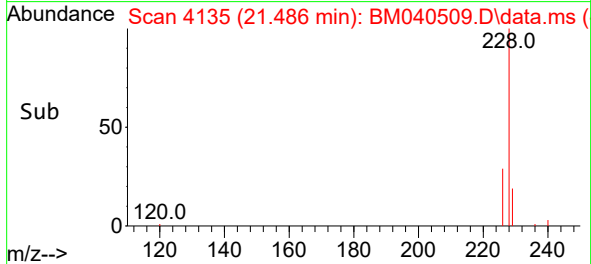


#21
Benzo(a)anthracene
Concen: 1.215 ng/ul
RT: 21.486 min Scan# 4135
Delta R.T. -0.006 min
Lab File: BM040509.D
Acq: 01 Jul 2023 18:37

Instrument :
BNA_M
ClientSampleId :
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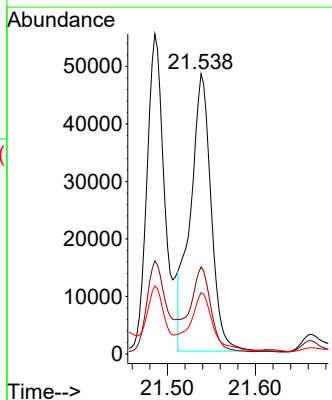
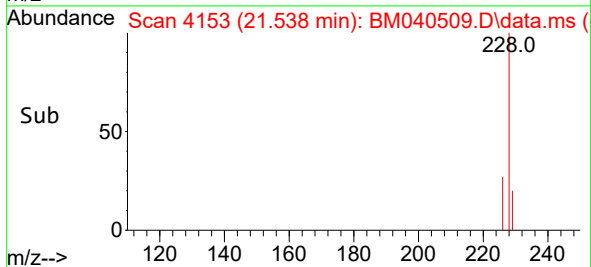
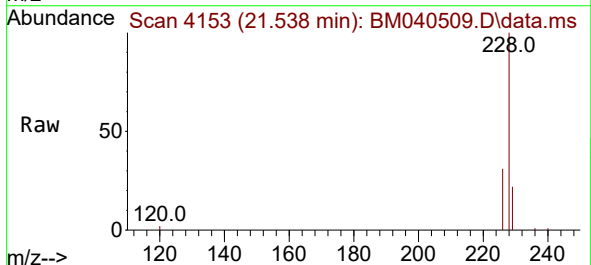


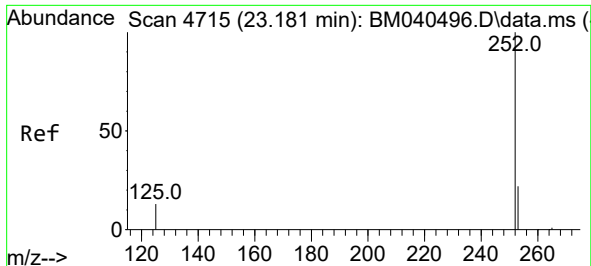
Tgt Ion:228 Resp: 75924
Ion Ratio Lower Upper
228 100
229 21.3 16.0 24.0
226 29.1 22.3 33.5



#22
Chrysene
Concen: 1.112 ng/ul
RT: 21.538 min Scan# 4153
Delta R.T. -0.006 min
Lab File: BM040509.D
Acq: 01 Jul 2023 18:37

Tgt Ion:228 Resp: 79299
Ion Ratio Lower Upper
228 100
226 31.0 24.9 37.3
229 21.9 15.8 23.6

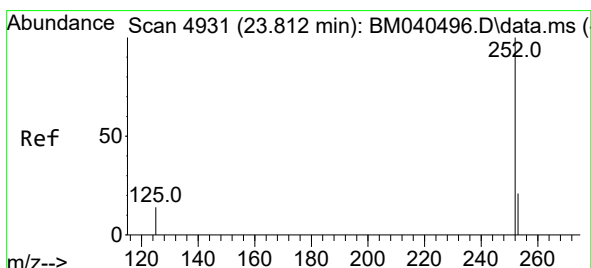
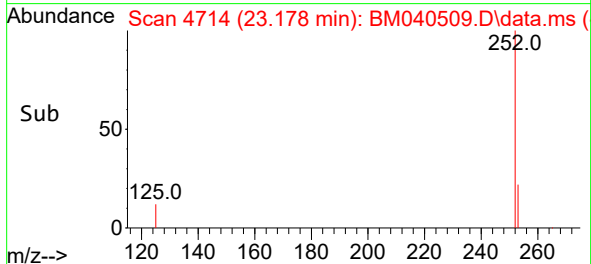
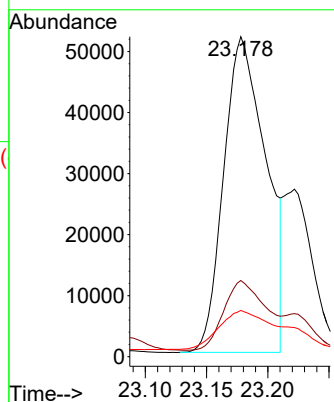
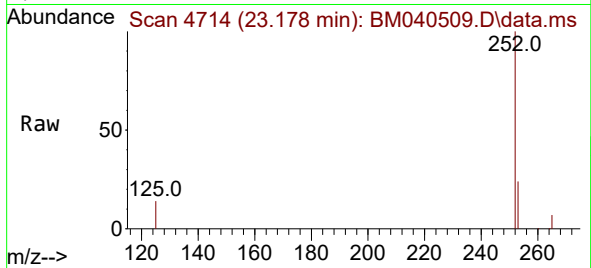




#24
Benzo(b)fluoranthene
Concen: 1.771 ng/ul
RT: 23.178 min Scan# 4715
Delta R.T. -0.003 min
Lab File: BM040509.D
Acq: 01 Jul 2023 18:37

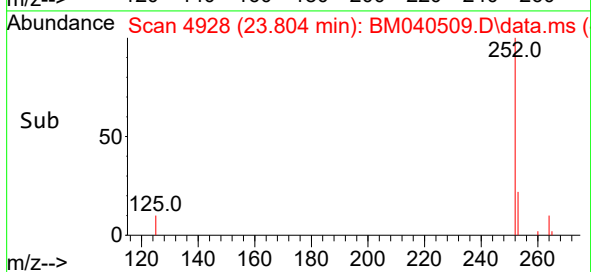
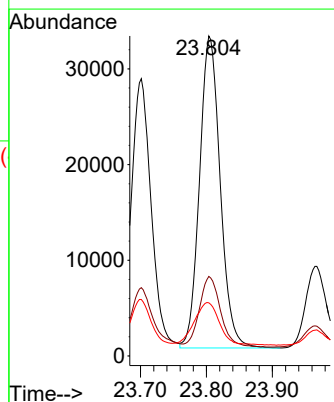
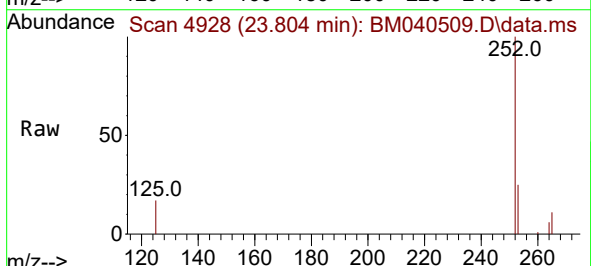
Instrument :
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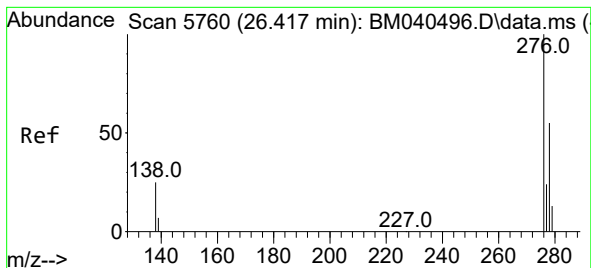
Tgt Ion:252 Resp: 123862
Ion Ratio Lower Upper
252 100
253 23.8 0.0 52.8
125 14.4 0.0 43.0



#26
Benzo(a)pyrene
Concen: 1.130 ng/ul
RT: 23.804 min Scan# 4928
Delta R.T. -0.009 min
Lab File: BM040509.D
Acq: 01 Jul 2023 18:37

Tgt Ion:252 Resp: 71211
Ion Ratio Lower Upper
252 100
253 24.9 22.9 34.3
125 16.6 21.0 31.4#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.627 ng/ul

RT: 26.410 min Scan# 51

Delta R.T. -0.010 min

Lab File: BM040509.D

Acq: 01 Jul 2023 18:37

Instrument :

BNA_M

ClientSampleId :

DCFX6DL

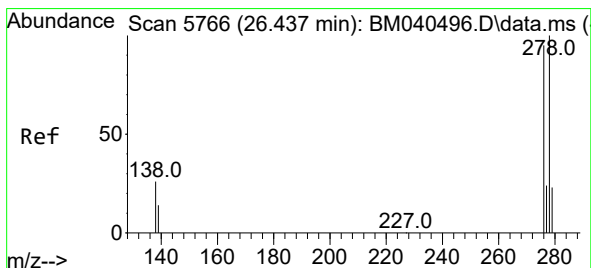
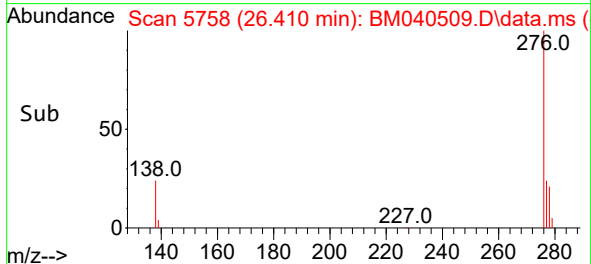
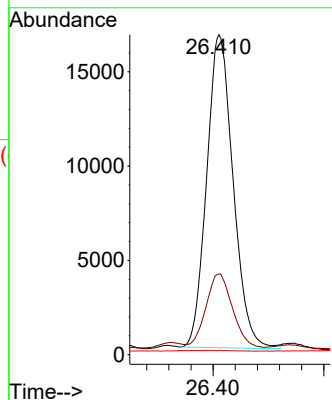
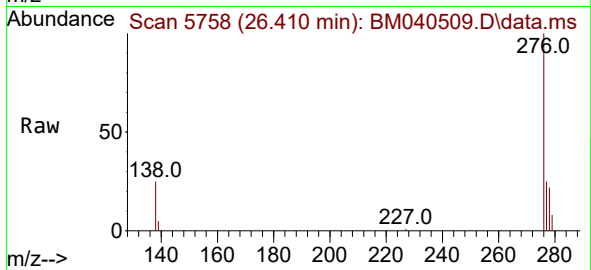
Tgt Ion:276 Resp: 55049

Ion Ratio Lower Upper

276 100

138 24.1 24.5 36.7#

227 0.0 0.1 0.1#



#28

Dibenzo(a,h)anthracene

Concen: 0.202 ng/ul

RT: 26.417 min Scan# 5760

Delta R.T. -0.020 min

Lab File: BM040509.D

Acq: 01 Jul 2023 18:37

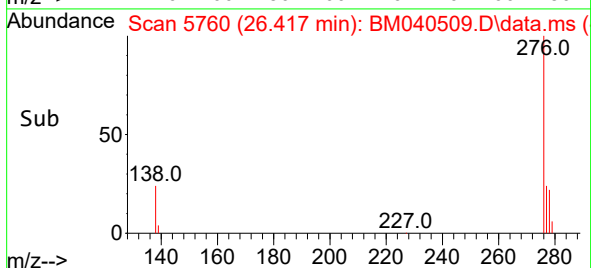
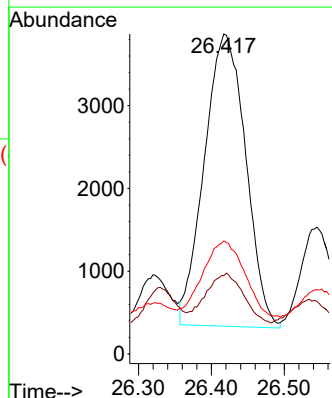
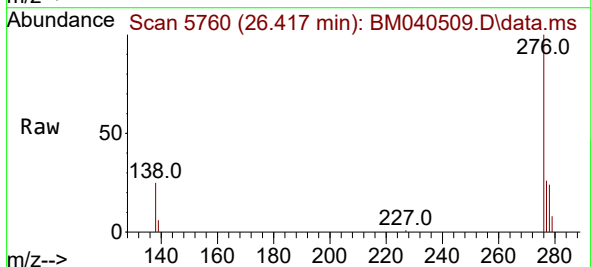
Tgt Ion:278 Resp: 13908

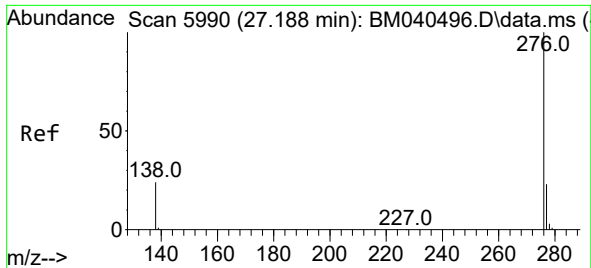
Ion Ratio Lower Upper

278 100

139 24.5 17.9 26.9

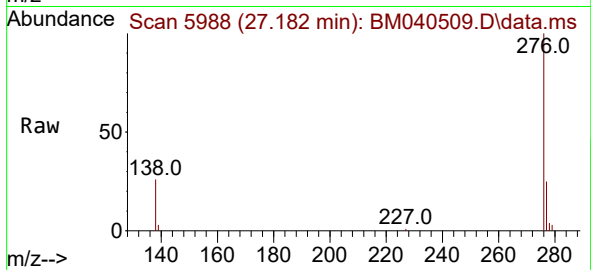
279 35.3 22.0 33.0#





#29
 Benzo(g,h,i)perylene
 Concen: 0.595 ng/ul
 RT: 27.182 min Scan# 5988
 Delta R.T. -0.003 min
 Lab File: BM040509.D
 Acq: 01 Jul 2023 18:37

Instrument :
 BNA_M
 ClientSampleId :
 DCFX6DL



Tgt Ion:276 Resp: 45773
 Ion Ratio Lower Upper
 276 100
 138 26.3 23.0 34.6
 277 24.9 20.3 30.5

