

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070123\
 Data File : BM040502.D
 Acq On : 01 Jul 2023 14:17
 Operator : MA/JU
 Sample : 03161-10DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCFW6DL

Quant Time: Jul 01 23:47:25 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)

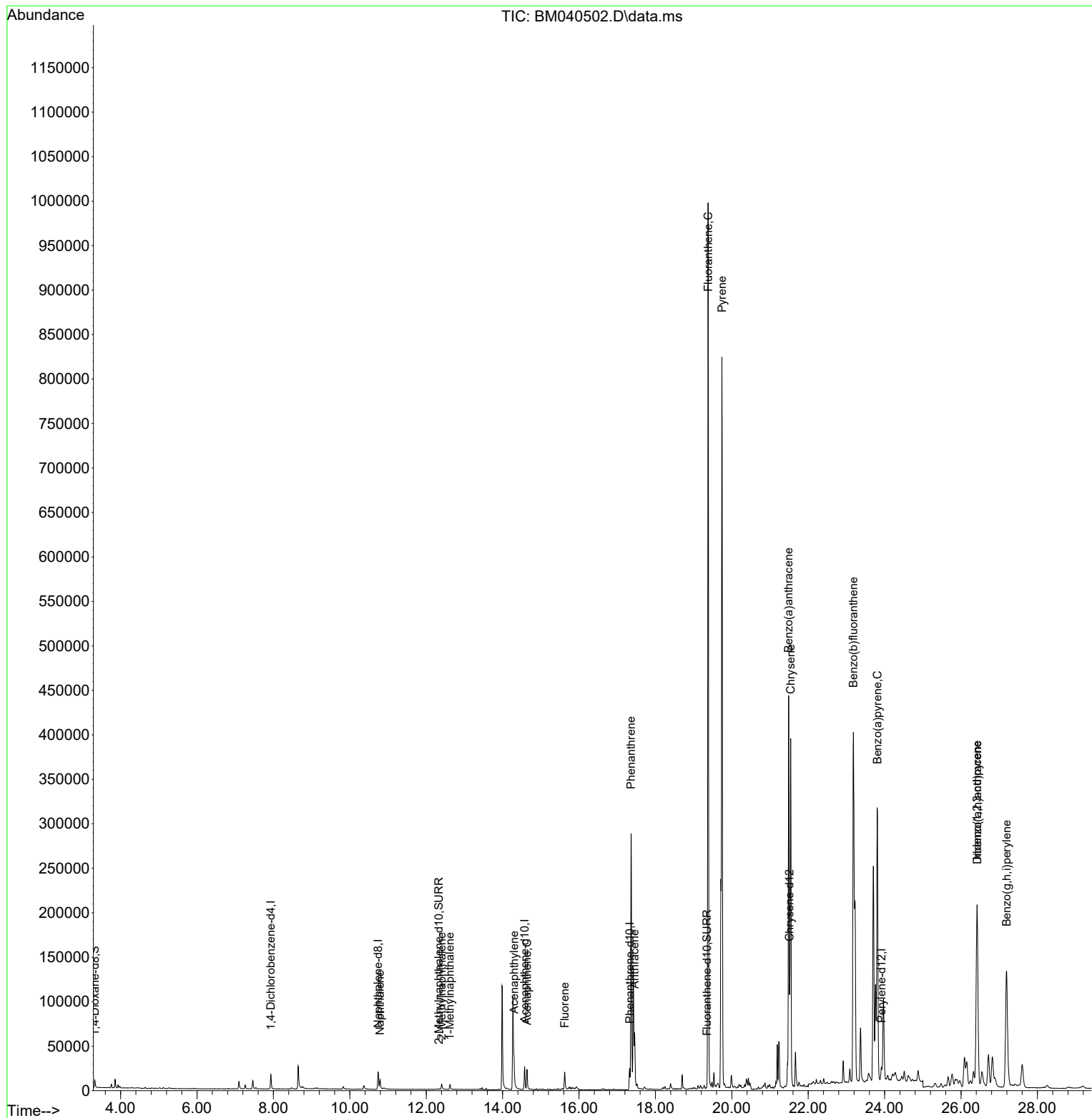
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.932	152	8675	0.400	ng/ul	0.00
4) Naphthalene-d8	10.740	136	31755	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.577	164	15304	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.324	188	31037	0.400	ng/ul	0.00
17) Chrysene-d12	21.506	240	19837	0.400	ng/ul	0.00
23) Perylene-d12	23.915	264	23037	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.325	96	5286	0.388	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.329	152	1290	0.029	ng/ul	0.00
18) Fluoranthene-d10	19.352	212	2077	0.033	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.789	128	16159	0.184	ng/ul	97
7) 2-Methylnaphthalene	12.406	142	5538	0.108	ng/ul	99
8) 1-Methylnaphthalene	12.620	142	4255	0.083	ng/ul	99
10) Acenaphthylene	14.300	152	37095	0.543	ng/ul	99
11) Acenaphthene	14.637	153	14052	0.243	ng/ul	98
12) Fluorene	15.627	166	14170	0.230	ng/ul	99
15) Phenanthrene	17.362	178	340129	3.528	ng/ul	98
16) Anthracene	17.455	178	71372	0.881	ng/ul	99
19) Fluoranthene	19.380	202	892017	10.586	ng/ul	94
20) Pyrene	19.742	202	726921	8.047	ng/ul	97
21) Benzo(a)anthracene	21.486	228	386008	5.753	ng/ul	99
22) Chrysene	21.541	228	408053	5.331	ng/ul	98
24) Benzo(b)fluoranthene	23.181	252	694705	7.792	ng/ul	88
26) Benzo(a)pyrene	23.809	252	468059	5.828	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	26.420	276	362987	3.246	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.424	278	89039	1.017	ng/ul	96
29) Benzo(g,h,i)perylene	27.192	276	314930	3.213	ng/ul	94

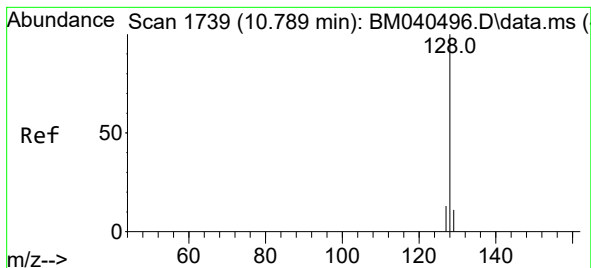
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.184 ng/ul

RT: 10.789 min Scan# 1

Delta R.T. -0.005 min

Lab File: BM040502.D

Acq: 01 Jul 2023 14:17

Instrument :

BNA_M

ClientSampleId :

DCFV6DL

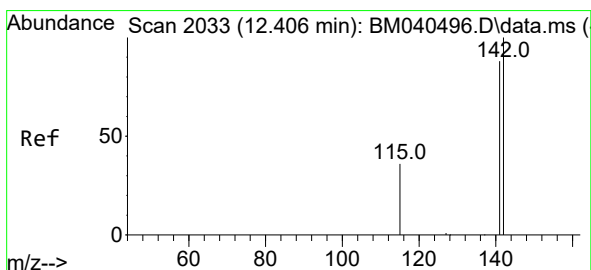
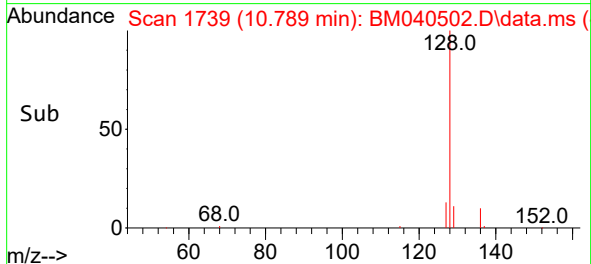
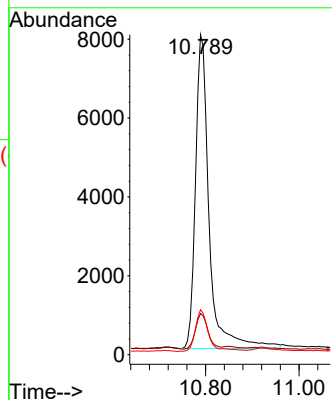
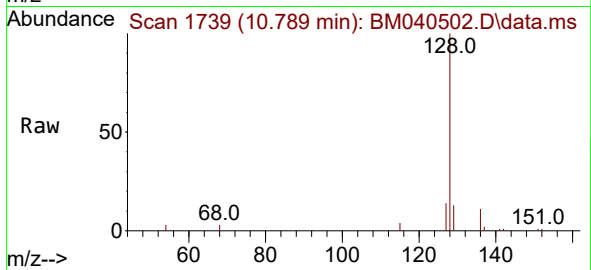
Tgt Ion:128 Resp: 16159

Ion Ratio Lower Upper

128 100

129 12.8 9.2 13.8

127 14.1 10.6 15.8



#7

2-Methylnaphthalene

Concen: 0.108 ng/ul

RT: 12.406 min Scan# 2033

Delta R.T. 0.000 min

Lab File: BM040502.D

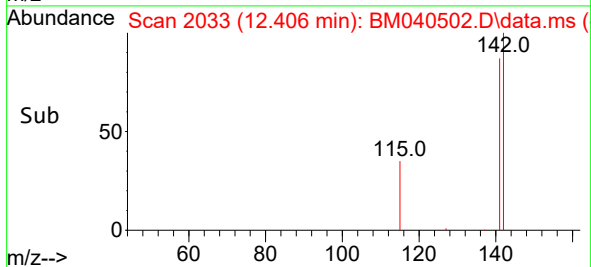
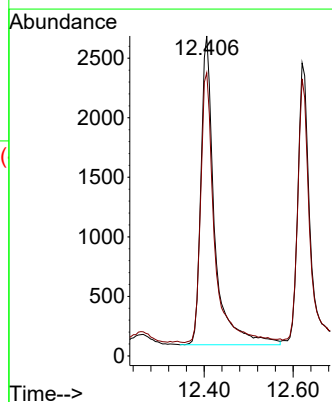
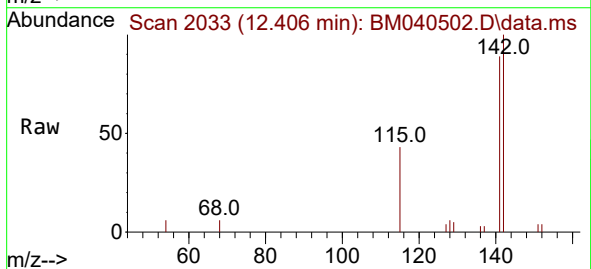
Acq: 01 Jul 2023 14:17

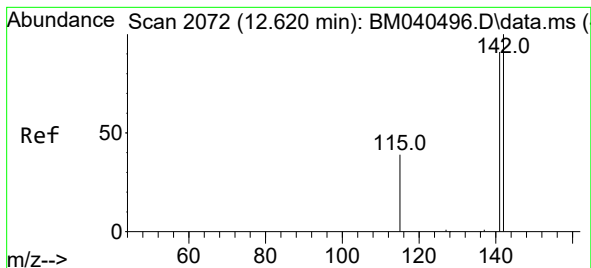
Tgt Ion:142 Resp: 5538

Ion Ratio Lower Upper

142 100

141 88.6 71.9 107.9





#8

1-Methylnaphthalene

Concen: 0.083 ng/ul

RT: 12.620 min Scan# 2072

Delta R.T. -0.005 min

Lab File: BM040502.D

Acq: 01 Jul 2023 14:17

Instrument :

BNA_M

ClientSampleId :

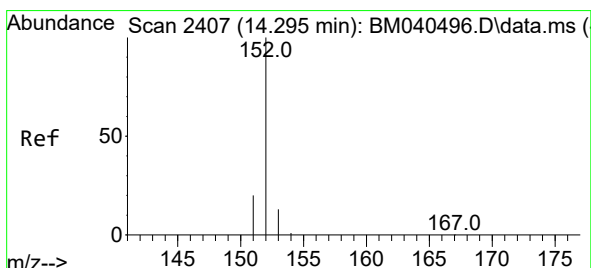
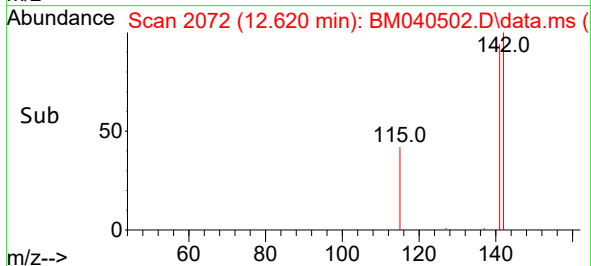
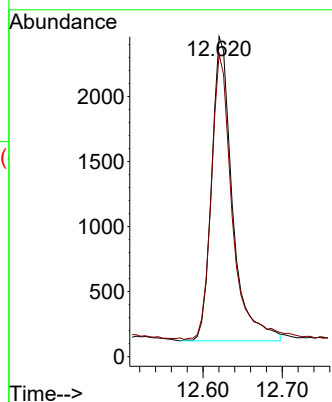
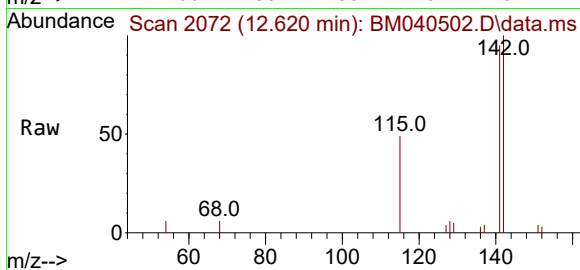
DCFV6DL

Tgt Ion:142 Resp: 4255

Ion Ratio Lower Upper

142 100

141 93.4 73.7 110.5



#10

Acenaphthylene

Concen: 0.543 ng/ul

RT: 14.300 min Scan# 2408

Delta R.T. 0.000 min

Lab File: BM040502.D

Acq: 01 Jul 2023 14:17

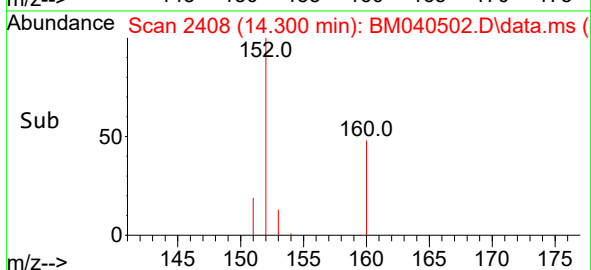
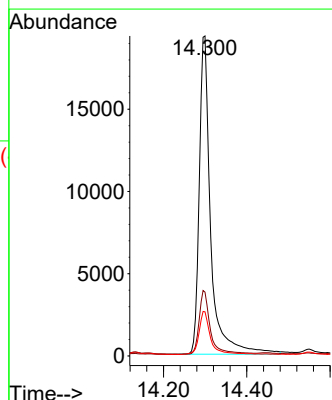
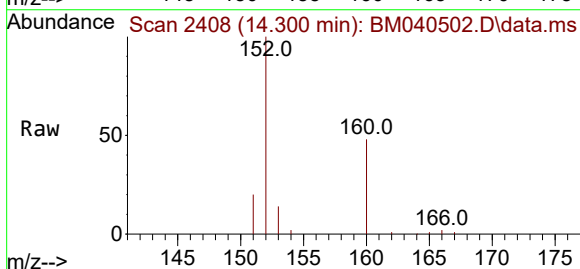
Tgt Ion:152 Resp: 37095

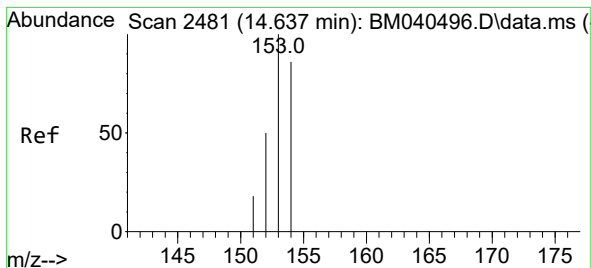
Ion Ratio Lower Upper

152 100

151 19.9 16.2 24.2

153 13.8 10.9 16.3





#11

Acenaphthene

Concen: 0.243 ng/ul

RT: 14.637 min Scan# 2481

Delta R.T. -0.004 min

Lab File: BM040502.D

Acq: 01 Jul 2023 14:17

Instrument :

BNA_M

ClientSampleId :

DCFV6DL

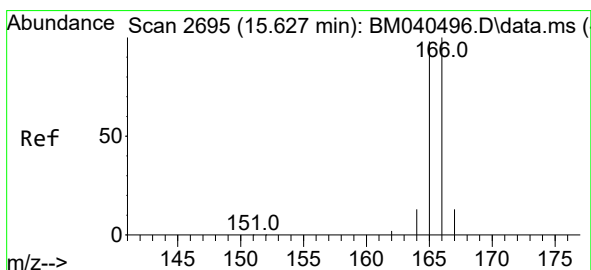
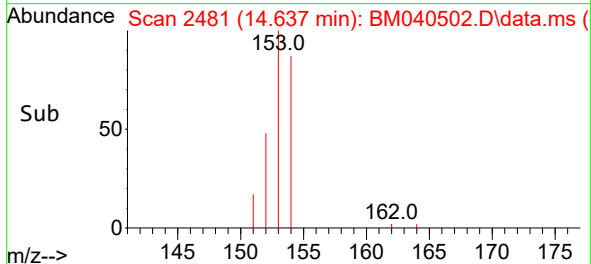
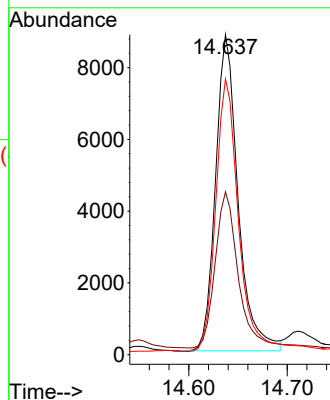
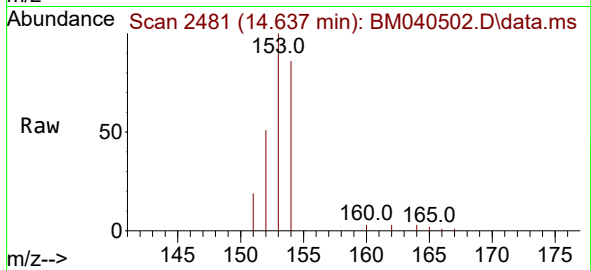
Tgt Ion:153 Resp: 14052

Ion Ratio Lower Upper

153 100

152 50.9 41.0 61.4

154 86.1 70.8 106.2



#12

Fluorene

Concen: 0.230 ng/ul

RT: 15.627 min Scan# 2695

Delta R.T. -0.004 min

Lab File: BM040502.D

Acq: 01 Jul 2023 14:17

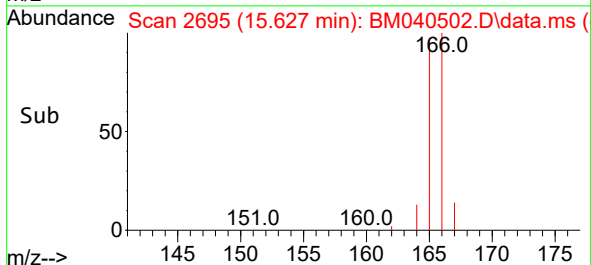
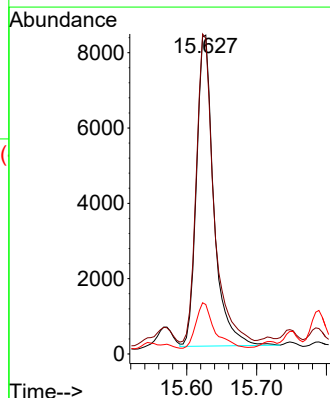
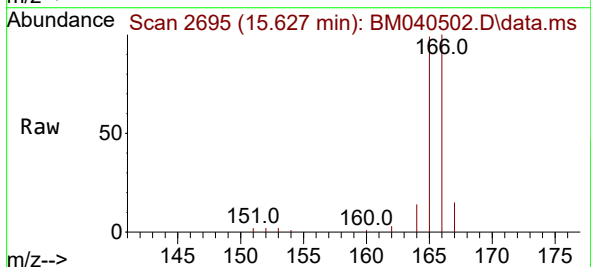
Tgt Ion:166 Resp: 14170

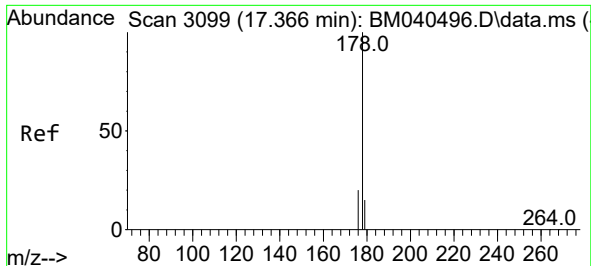
Ion Ratio Lower Upper

166 100

165 98.9 79.6 119.4

167 15.5 11.4 17.0

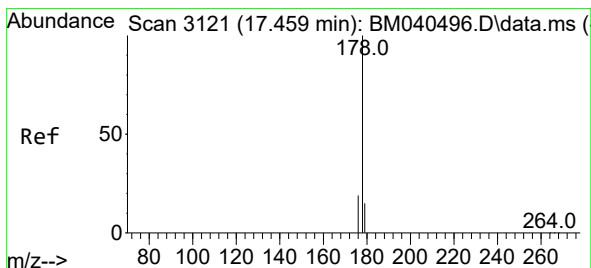
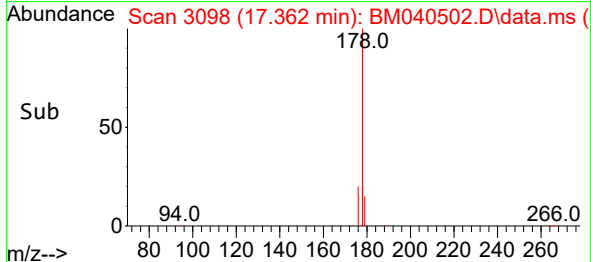
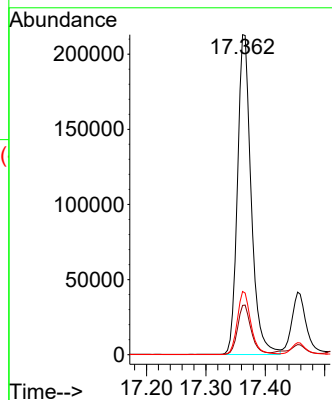
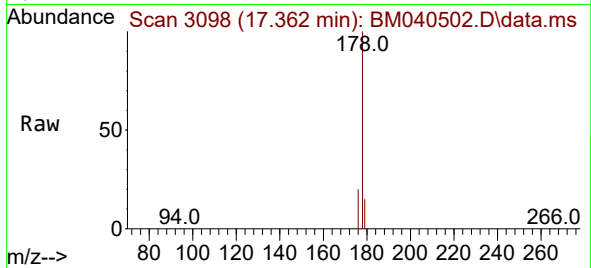




#15
Phenanthrene
Concen: 3.528 ng/ul
RT: 17.362 min Scan# 3099
Delta R.T. -0.008 min
Lab File: BM040502.D
Acq: 01 Jul 2023 14:17

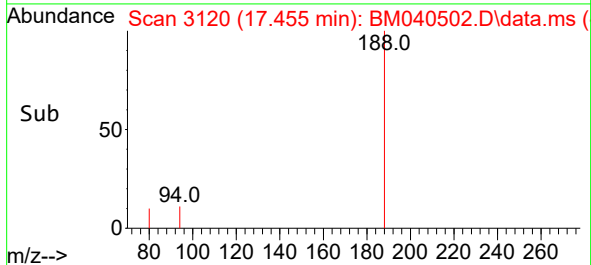
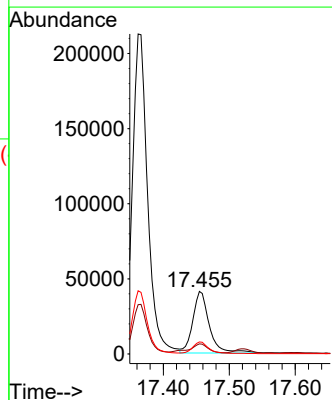
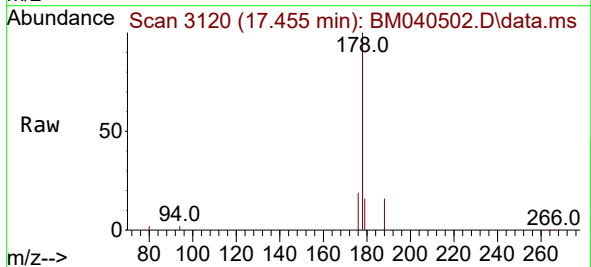
Instrument :
BNA_M
ClientSampleId :
DCFV6DL

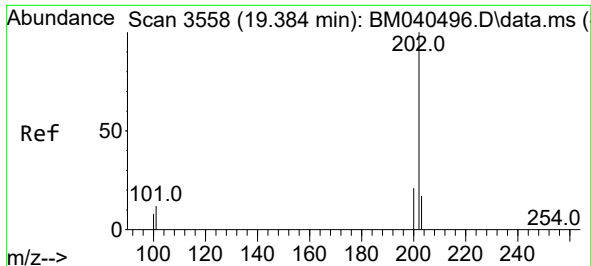
Tgt Ion:178 Resp: 340129
Ion Ratio Lower Upper
178 100
179 15.4 12.8 19.2
176 19.7 16.4 24.6



#16
Anthracene
Concen: 0.881 ng/ul
RT: 17.455 min Scan# 3120
Delta R.T. -0.008 min
Lab File: BM040502.D
Acq: 01 Jul 2023 14:17

Tgt Ion:178 Resp: 71372
Ion Ratio Lower Upper
178 100
179 16.1 12.9 19.3
176 19.3 15.8 23.6

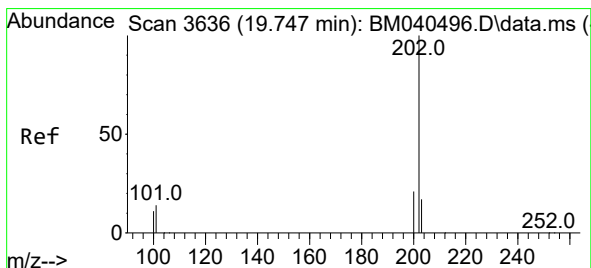
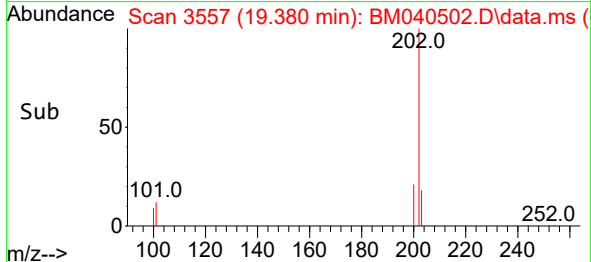
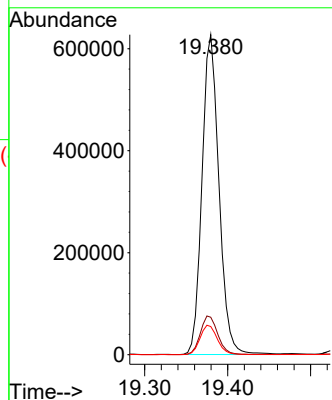
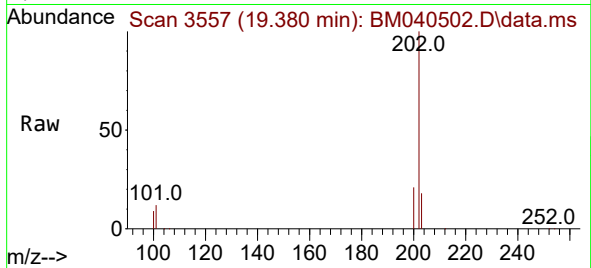




#19
Fluoranthene
Concen: 10.586 ng/ul
RT: 19.380 min Scan# 31
Delta R.T. -0.004 min
Lab File: BM040502.D
Acq: 01 Jul 2023 14:17

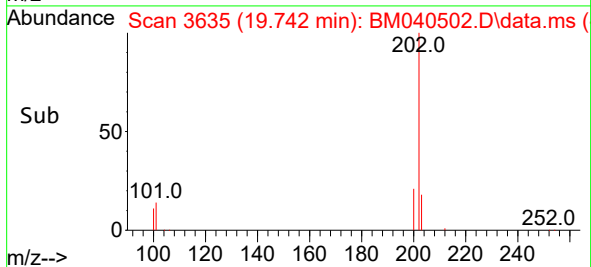
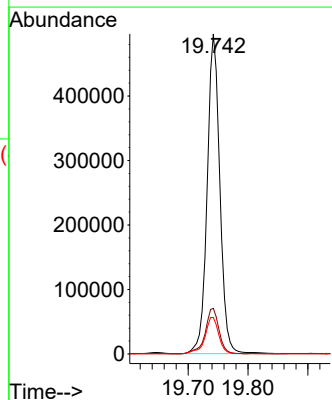
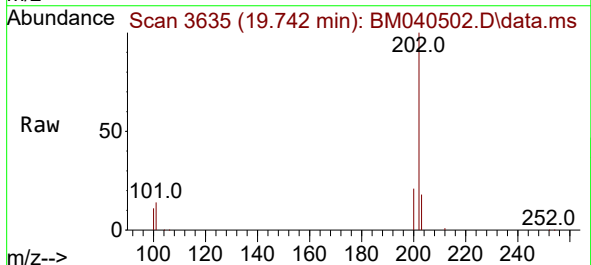
Instrument :
BNA_M
ClientSampleId :
DCFV6DL

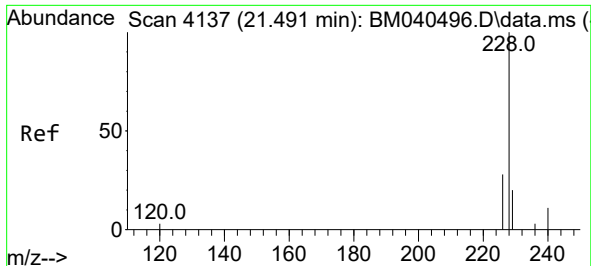
Tgt Ion:202 Resp: 892017
Ion Ratio Lower Upper
202 100
101 11.7 11.4 17.0
100 8.8 8.7 13.1



#20
Pyrene
Concen: 8.047 ng/ul
RT: 19.742 min Scan# 3635
Delta R.T. -0.004 min
Lab File: BM040502.D
Acq: 01 Jul 2023 14:17

Tgt Ion:202 Resp: 726921
Ion Ratio Lower Upper
202 100
101 14.2 12.6 18.8
100 11.4 9.8 14.6

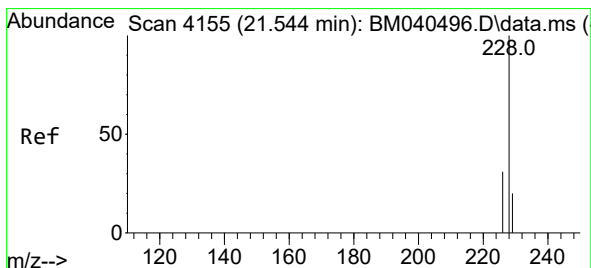
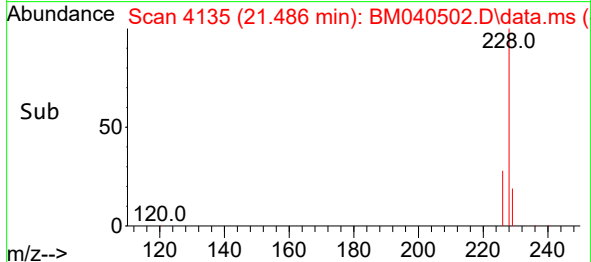
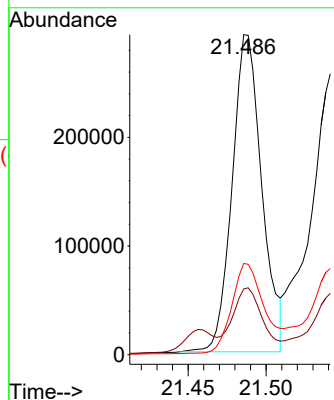
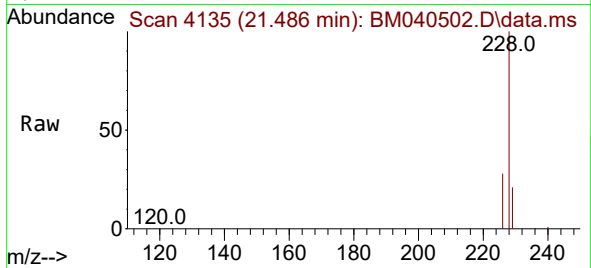




#21
Benzo(a)anthracene
Concen: 5.753 ng/ul
RT: 21.486 min Scan# 4137
Delta R.T. -0.006 min
Lab File: BM040502.D
Acq: 01 Jul 2023 14:17

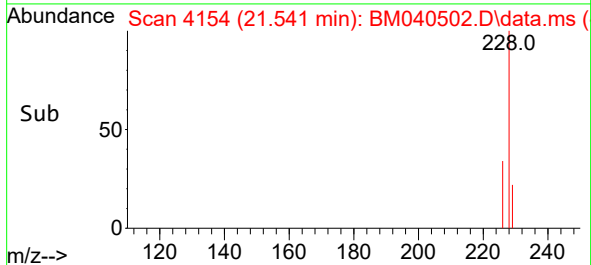
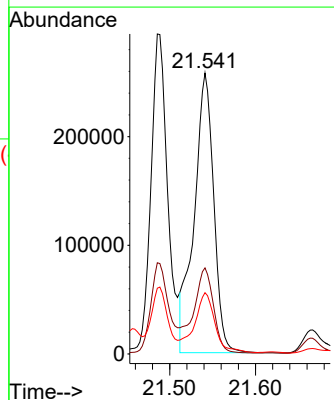
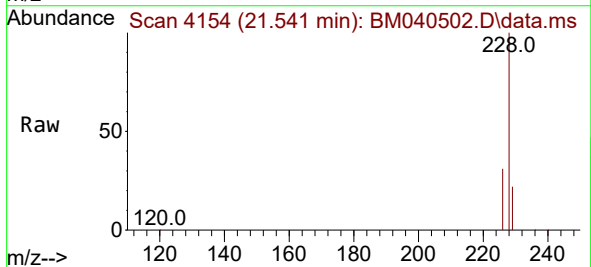
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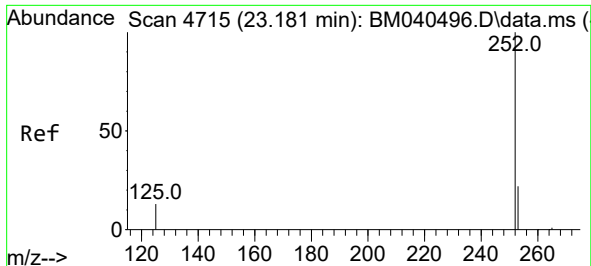
Tgt Ion:228 Resp: 386008
Ion Ratio Lower Upper
228 100
229 20.6 16.0 24.0
226 28.5 22.3 33.5



#22
Chrysene
Concen: 5.331 ng/ul
RT: 21.541 min Scan# 4154
Delta R.T. -0.003 min
Lab File: BM040502.D
Acq: 01 Jul 2023 14:17

Tgt Ion:228 Resp: 408053
Ion Ratio Lower Upper
228 100
226 30.6 24.9 37.3
229 21.8 15.8 23.6

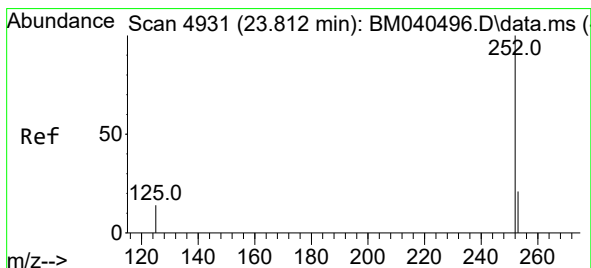
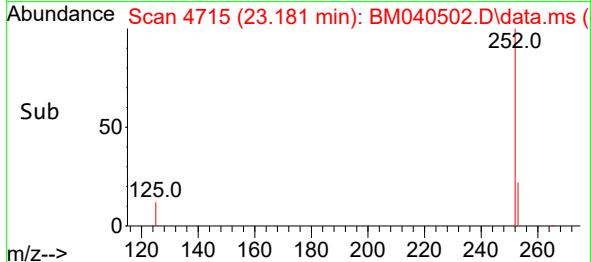
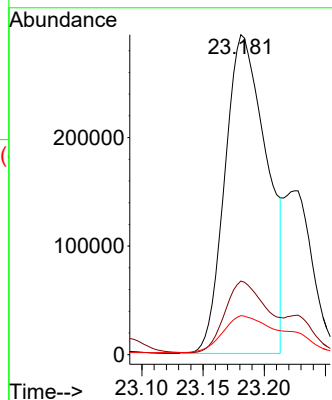
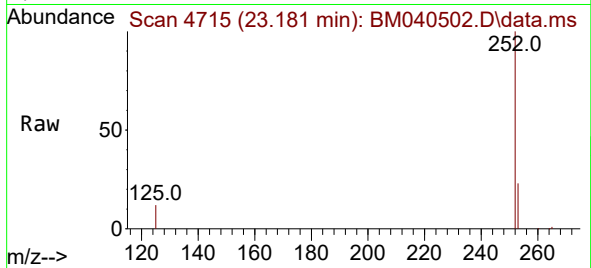




#24
Benzo(b)fluoranthene
Concen: 7.792 ng/ul
RT: 23.181 min Scan# 4715
Delta R.T. 0.000 min
Lab File: BM040502.D
Acq: 01 Jul 2023 14:17

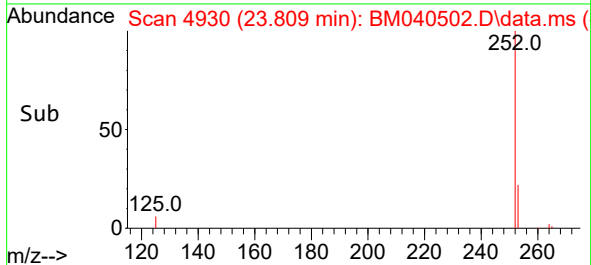
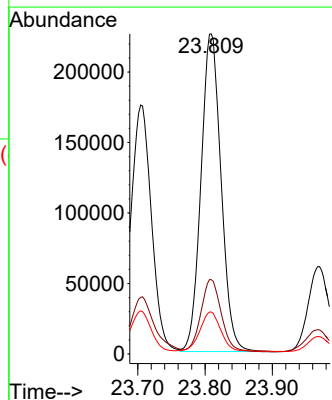
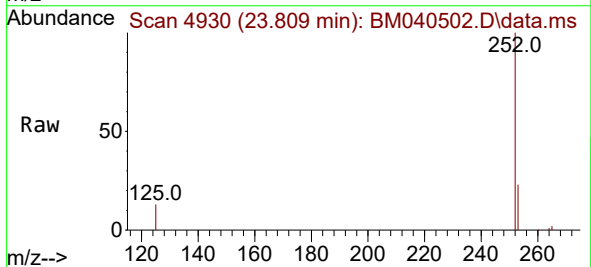
Instrument :
BNA_M
ClientSampleId :
DCFW6DL

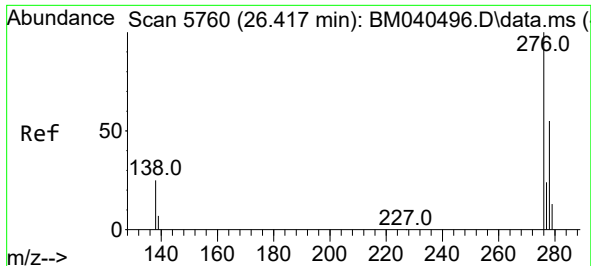
Tgt Ion:252 Resp: 694705
Ion Ratio Lower Upper
252 100
253 23.0 0.0 52.8
125 12.2 0.0 43.0



#26
Benzo(a)pyrene
Concen: 5.828 ng/ul
RT: 23.809 min Scan# 4930
Delta R.T. -0.003 min
Lab File: BM040502.D
Acq: 01 Jul 2023 14:17

Tgt Ion:252 Resp: 468059
Ion Ratio Lower Upper
252 100
253 23.2 22.9 34.3
125 13.1 21.0 31.4#

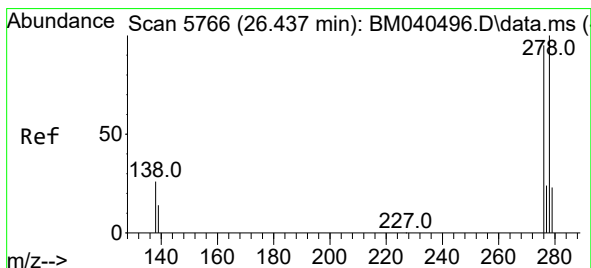
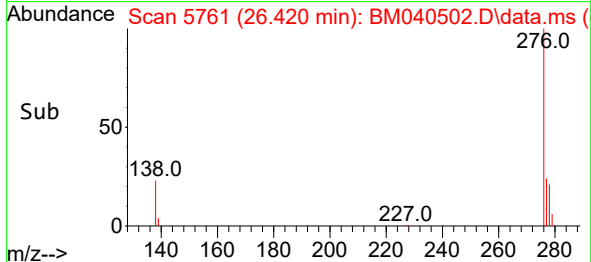
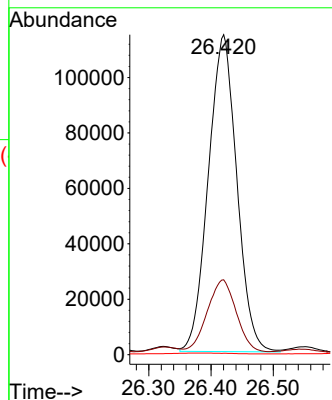
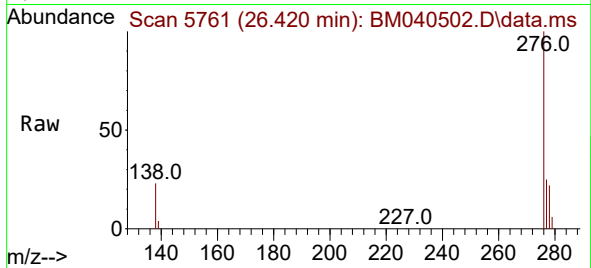




#27
Indeno(1,2,3-cd)pyrene
Concen: 3.246 ng/ul
RT: 26.420 min Scan# 5761
Delta R.T. 0.000 min
Lab File: BM040502.D
Acq: 01 Jul 2023 14:17

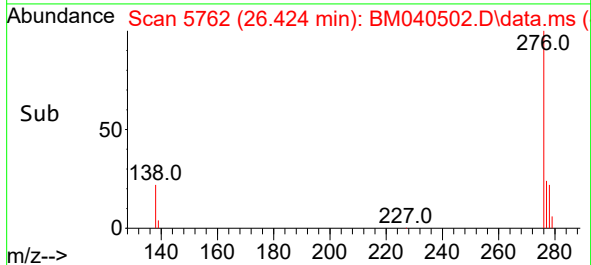
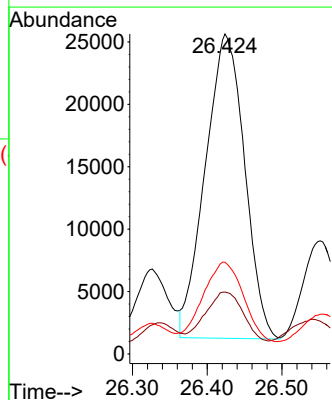
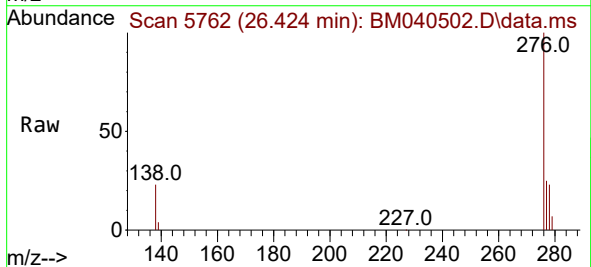
Instrument :
BNA_M
ClientSampleId :
DCF6W6DL

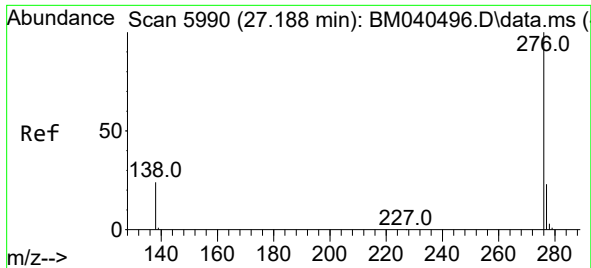
Tgt Ion:276 Resp: 362987
Ion Ratio Lower Upper
276 100
138 23.1 24.5 36.7#
227 0.0 0.1 0.1#



#28
Dibenzo(a,h)anthracene
Concen: 1.017 ng/ul
RT: 26.424 min Scan# 5762
Delta R.T. -0.013 min
Lab File: BM040502.D
Acq: 01 Jul 2023 14:17

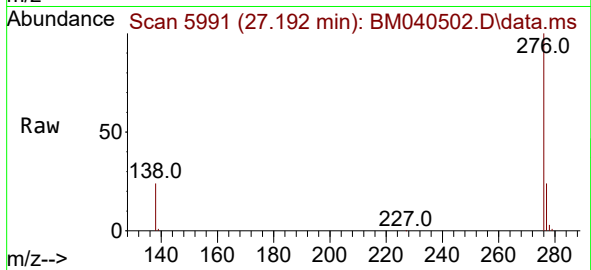
Tgt Ion:278 Resp: 89039
Ion Ratio Lower Upper
278 100
139 19.3 17.9 26.9
279 28.6 22.0 33.0





#29
Benzo(g,h,i)perylene
Concen: 3.213 ng/ul
RT: 27.192 min Scan# 5991
Delta R.T. 0.007 min
Lab File: BM040502.D
Acq: 01 Jul 2023 14:17

Instrument :
BNA_M
ClientSampleId :
DCFW6DL



Tgt Ion:276 Resp: 314930
Ion Ratio Lower Upper
276 100
138 24.2 23.0 34.6
277 24.0 20.3 30.5

