

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101722\
 Data File : BM037113.D
 Acq On : 17 Oct 2022 15:14
 Operator : CG/JU
 Sample : N4984-10
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGNM2

Quant Time: Oct 17 23:54:48 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 17 02:26:13 2022
 Response via : Initial Calibration

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

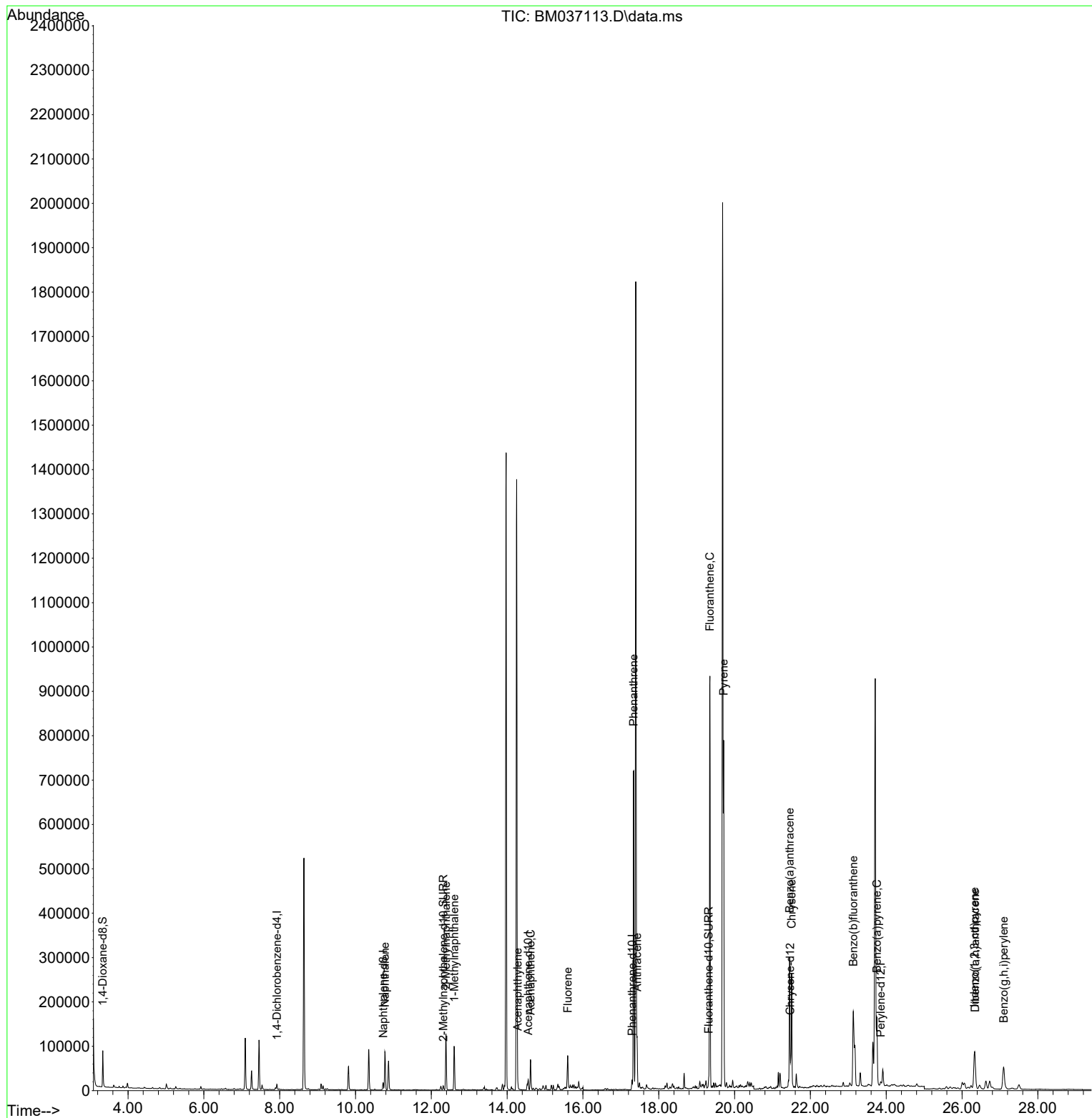
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.926	152	5893	0.400	ng/ul	0.00
4) Naphthalene-d8	10.732	136	21702	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.556	164	12669	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.296	188	24251	0.400	ng/ul	0.00
17) Chrysene-d12	21.470	240	14165	0.400	ng/ul	0.00
23) Perylene-d12	23.856	264	12609	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.335	96	50311	6.054	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.316	152	12020	0.367	ng/ul	0.00
18) Fluoranthene-d10	19.317	212	23248	0.549	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.776	128	115870	1.868	ng/ul	96
7) 2-Methylnaphthalene	12.387	142	84751	2.233	ng/ul	92
8) 1-Methylnaphthalene	12.607	142	68019	1.765	ng/ul	99
10) Acenaphthylene	14.279	152	18018	0.342	ng/ul#	89
11) Acenaphthene	14.617	153	39075	0.855	ng/ul	99
12) Fluorene	15.602	166	42451	0.820	ng/ul	99
15) Phenanthrene	17.338	178	741783	9.581	ng/ul	99
16) Anthracene	17.427	178	109731	1.696	ng/ul	98
19) Fluoranthene	19.349	202	755578	13.411	ng/ul	98
20) Pyrene	19.712	202	592889	10.091	ng/ul	99
21) Benzo(a)anthracene	21.453	228	244708	4.781	ng/ul	99
22) Chrysene	21.506	228	244041	4.441	ng/ul	98
24) Benzo(b)fluoranthene	23.131	252	297376	5.279	ng/ul	87
26) Benzo(a)pyrene	23.753	252	203851	4.460	ng/ul#	76
27) Indeno(1,2,3-cd)pyrene	26.329	276	144359	2.230	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.343	278	35560	0.680	ng/ul	96
29) Benzo(g,h,i)perylene	27.097	276	108953	1.910	ng/ul	98

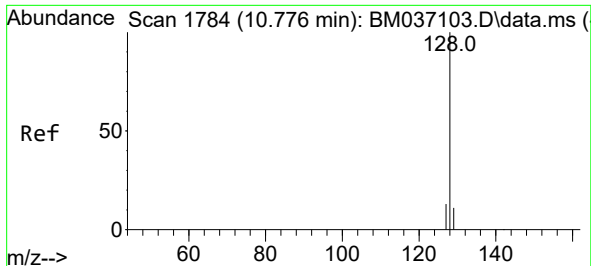
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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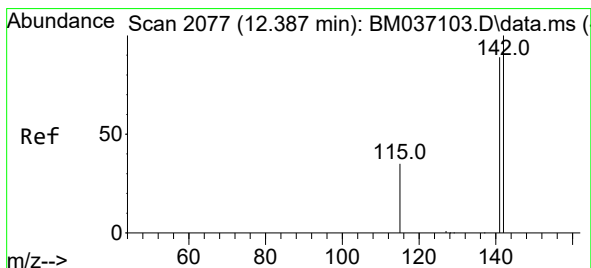
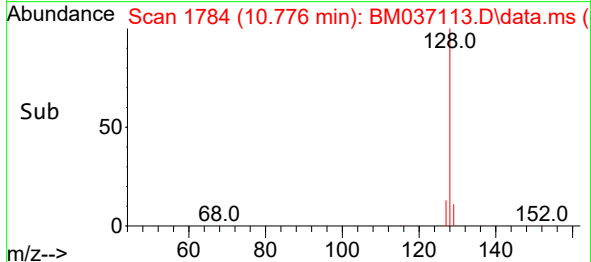
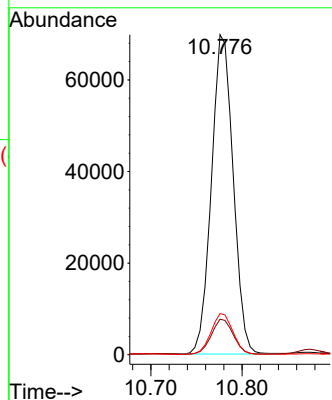
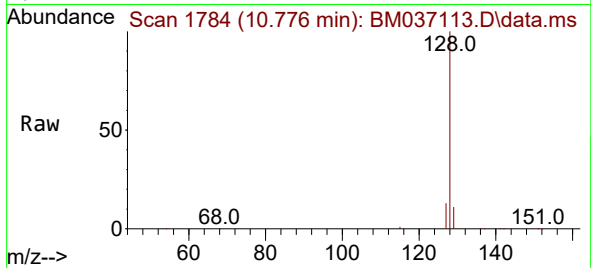




#5
Naphthalene
Concen: 1.868 ng/ul
RT: 10.776 min Scan# 1784
Delta R.T. -0.006 min
Lab File: BM037113.D
Acq: 17 Oct 2022 15:14

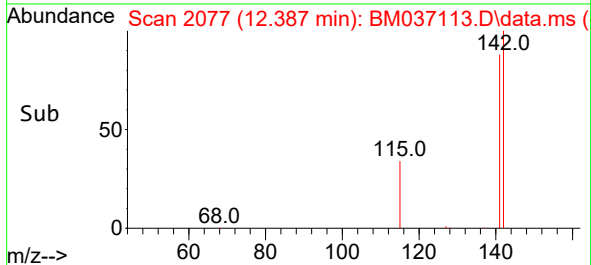
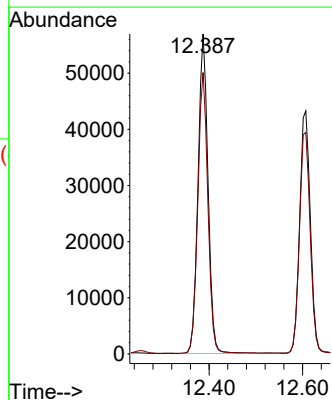
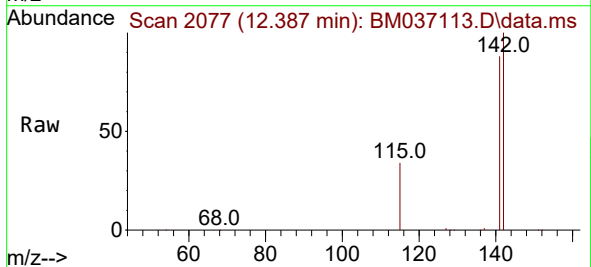
Instrument :
BNA_M
ClientSampleId :
BGNM2

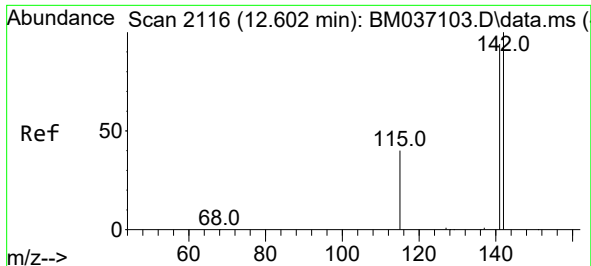
Tgt Ion:128 Resp: 115870
Ion Ratio Lower Upper
128 100
129 11.1 10.2 15.2
127 12.9 11.7 17.5



#7
2-Methylnaphthalene
Concen: 2.233 ng/ul
RT: 12.387 min Scan# 2077
Delta R.T. -0.006 min
Lab File: BM037113.D
Acq: 17 Oct 2022 15:14

Tgt Ion:142 Resp: 84751
Ion Ratio Lower Upper
142 100
141 88.5 77.4 116.0

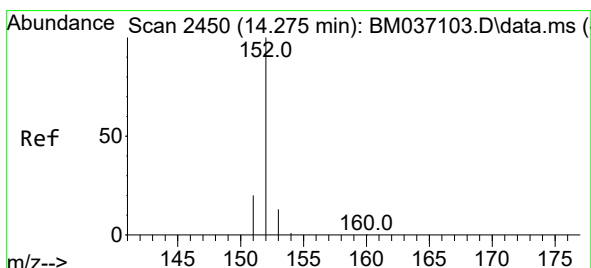
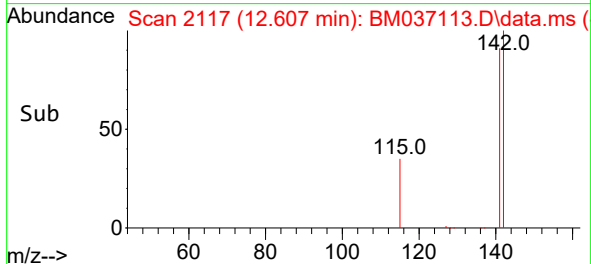
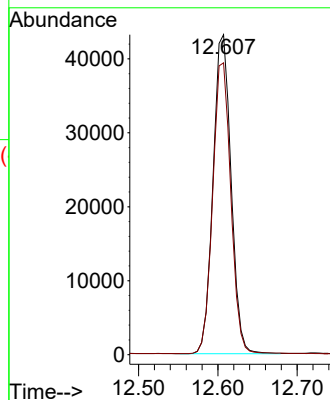
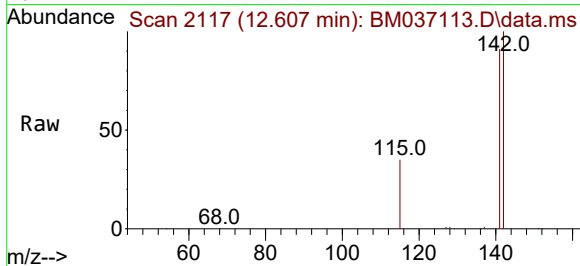




#8
1-Methylnaphthalene
Concen: 1.765 ng/ul
RT: 12.607 min Scan# 2116
Delta R.T. -0.000 min
Lab File: BM037113.D
Acq: 17 Oct 2022 15:14

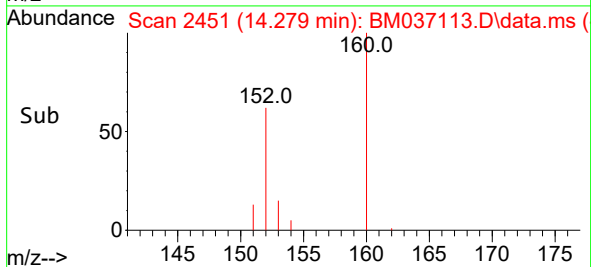
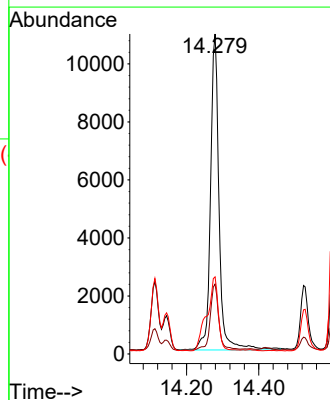
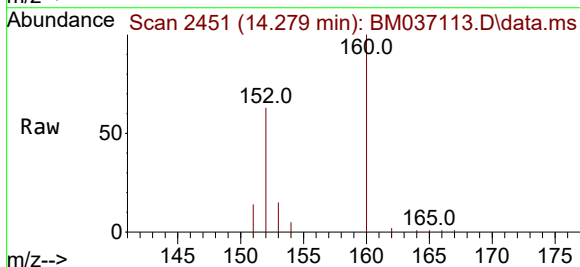
Instrument :
BNA_M
ClientSampleId :
BGNM2

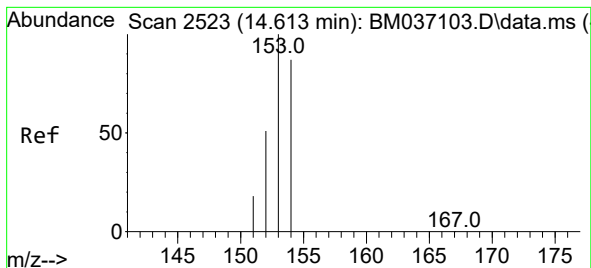
Tgt Ion:142 Resp: 68019
Ion Ratio Lower Upper
142 100
141 91.7 74.1 111.1



#10
Acenaphthylene
Concen: 0.342 ng/ul
RT: 14.279 min Scan# 2451
Delta R.T. -0.000 min
Lab File: BM037113.D
Acq: 17 Oct 2022 15:14

Tgt Ion:152 Resp: 18018
Ion Ratio Lower Upper
152 100
151 21.9 16.6 24.8
153 24.1 11.4 17.0#





#11

Acenaphthene

Concen: 0.855 ng/ul

RT: 14.617 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM037113.D

Acq: 17 Oct 2022 15:14

Instrument :

BNA_M

ClientSampleId :

BGNM2

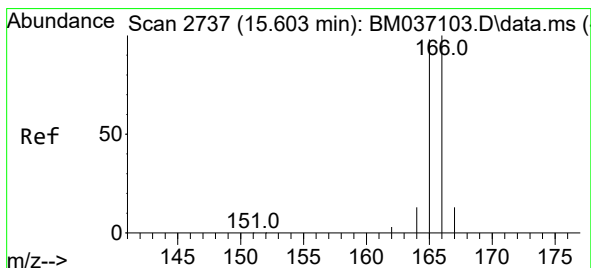
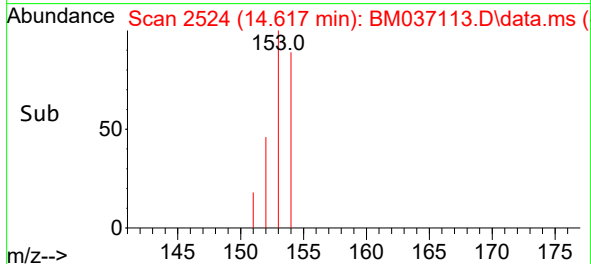
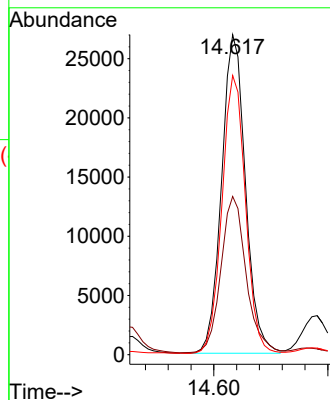
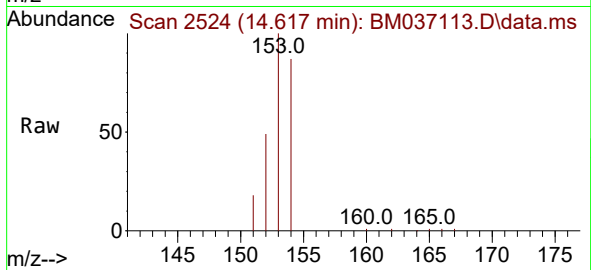
Tgt Ion:153 Resp: 39075

Ion Ratio Lower Upper

153 100

152 49.4 40.2 60.4

154 87.2 69.7 104.5



#12

Fluorene

Concen: 0.820 ng/ul

RT: 15.602 min Scan# 2737

Delta R.T. -0.000 min

Lab File: BM037113.D

Acq: 17 Oct 2022 15:14

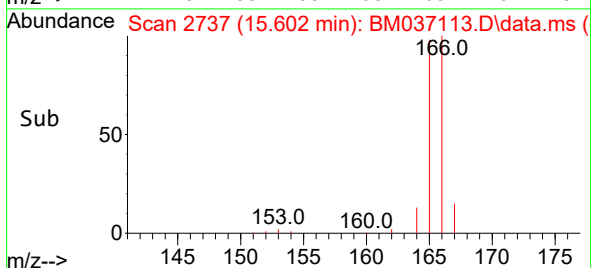
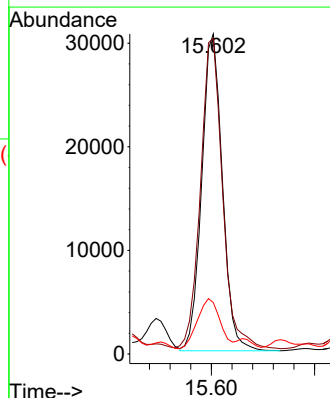
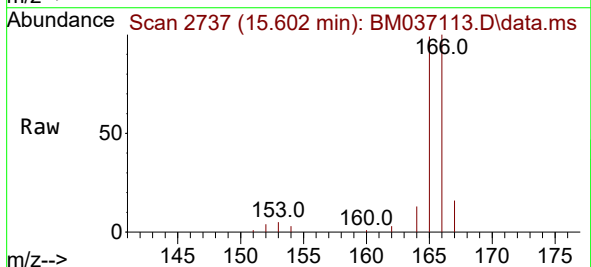
Tgt Ion:166 Resp: 42451

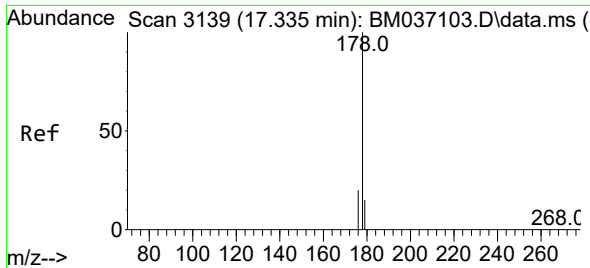
Ion Ratio Lower Upper

166 100

165 98.7 78.9 118.3

167 16.1 11.3 16.9

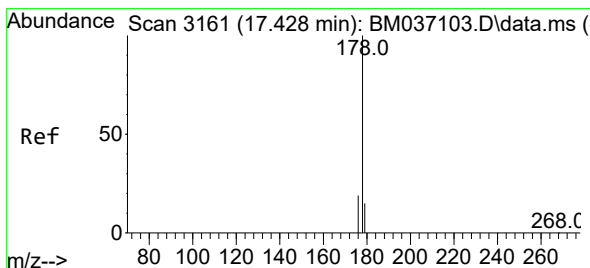
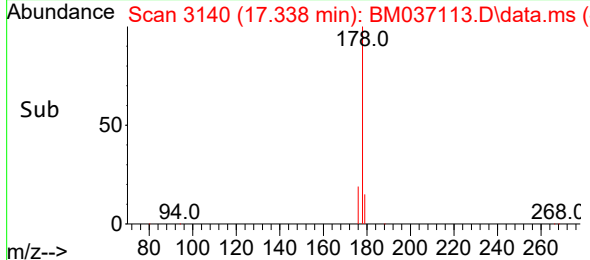
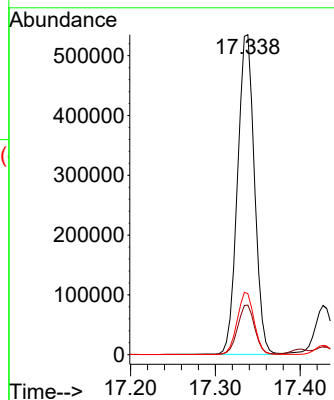
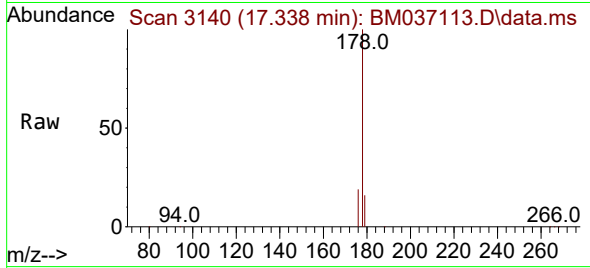




#15
Phenanthrene
Concen: 9.581 ng/ul
RT: 17.338 min Scan# 3139
Delta R.T. -0.000 min
Lab File: BM037113.D
Acq: 17 Oct 2022 15:14

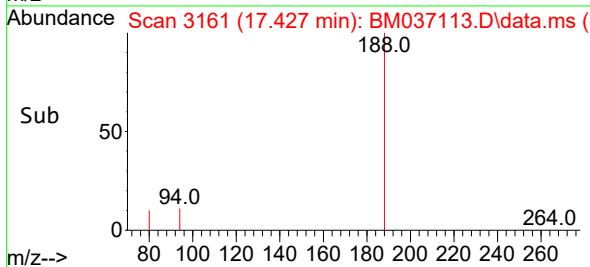
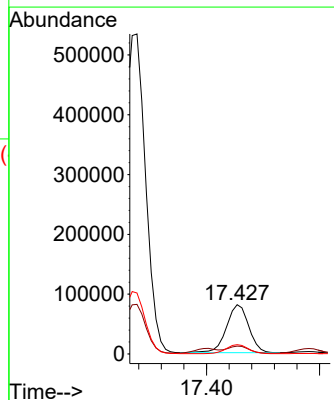
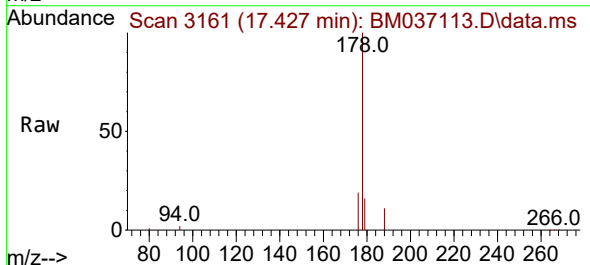
Instrument :
BNA_M
ClientSampleId :
BGNM2

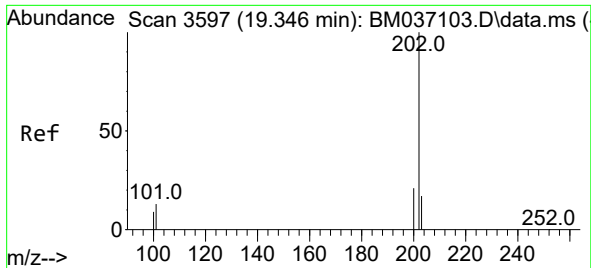
Tgt Ion:178 Resp: 741783
Ion Ratio Lower Upper
178 100
179 15.5 13.0 19.6
176 19.0 15.6 23.4



#16
Anthracene
Concen: 1.696 ng/ul
RT: 17.427 min Scan# 3161
Delta R.T. -0.004 min
Lab File: BM037113.D
Acq: 17 Oct 2022 15:14

Tgt Ion:178 Resp: 109731
Ion Ratio Lower Upper
178 100
179 16.0 13.6 20.4
176 19.0 15.6 23.4

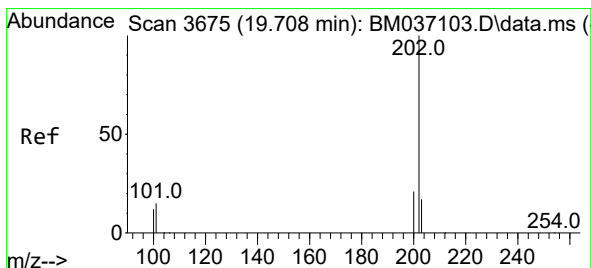
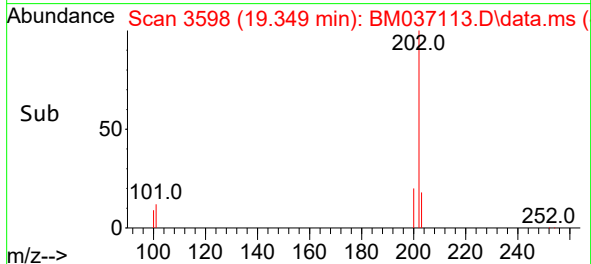
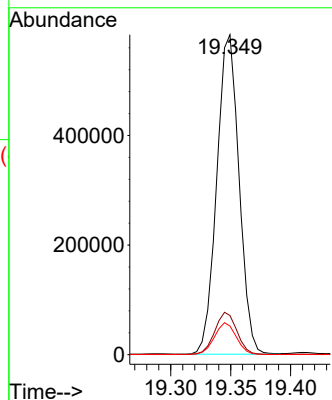
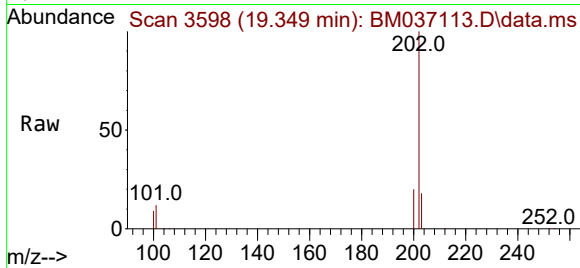




#19
Fluoranthene
Concen: 13.411 ng/ul
RT: 19.349 min Scan# 3598
Delta R.T. -0.000 min
Lab File: BM037113.D
Acq: 17 Oct 2022 15:14

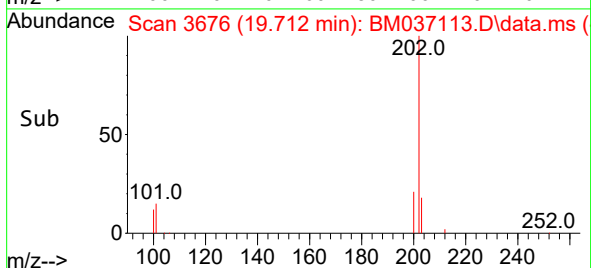
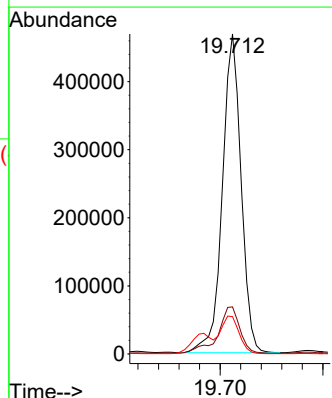
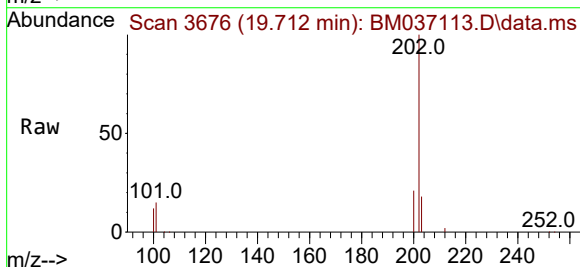
Instrument :
BNA_M
ClientSampleId :
BGNM2

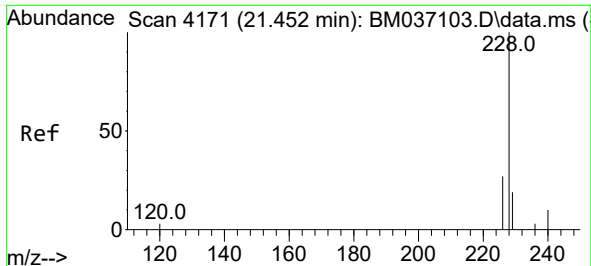
Tgt Ion:202 Resp: 755578
Ion Ratio Lower Upper
202 100
101 12.3 10.1 15.1
100 9.0 7.9 11.9



#20
Pyrene
Concen: 10.091 ng/ul
RT: 19.712 min Scan# 3676
Delta R.T. 0.005 min
Lab File: BM037113.D
Acq: 17 Oct 2022 15:14

Tgt Ion:202 Resp: 592889
Ion Ratio Lower Upper
202 100
101 14.7 12.0 18.0
100 11.7 9.8 14.6

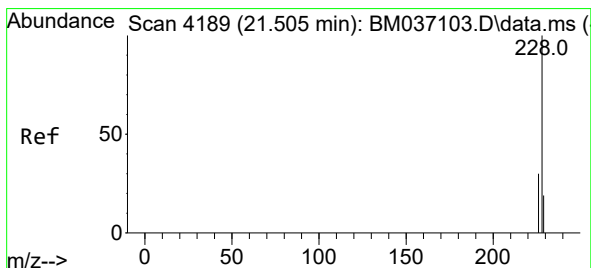
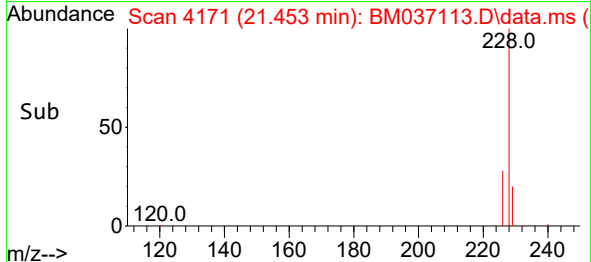
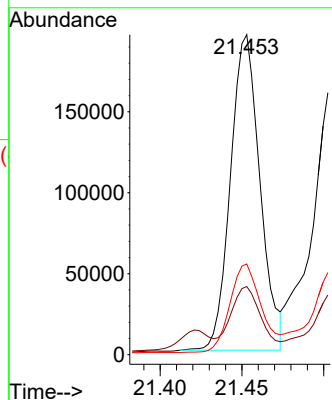
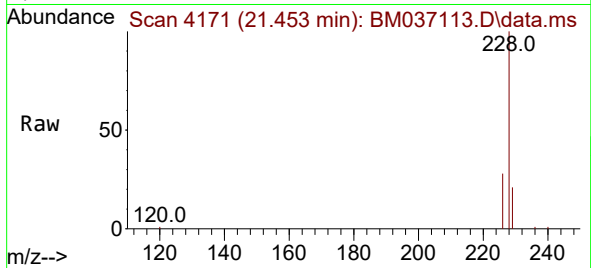




#21
Benzo(a)anthracene
Concen: 4.781 ng/ul
RT: 21.453 min Scan# 4171
Delta R.T. 0.003 min
Lab File: BM037113.D
Acq: 17 Oct 2022 15:14

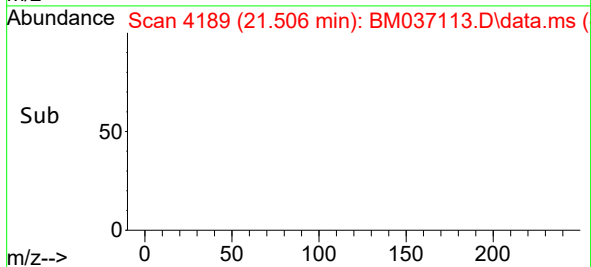
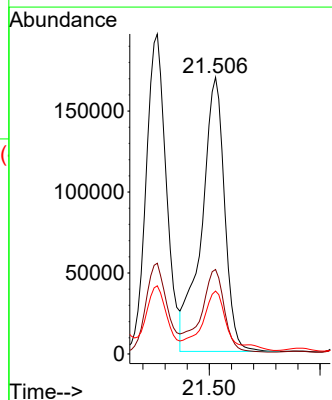
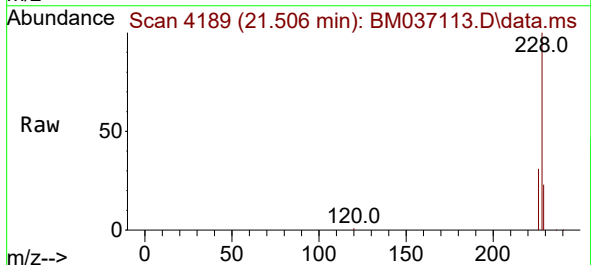
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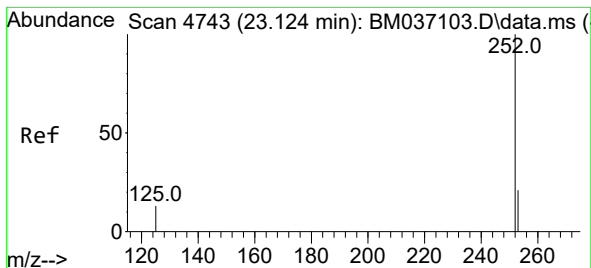
Tgt Ion:228 Resp: 244708
Ion Ratio Lower Upper
228 100
229 21.3 16.2 24.2
226 28.3 22.5 33.7



#22
Chrysene
Concen: 4.441 ng/ul
RT: 21.506 min Scan# 4189
Delta R.T. 0.003 min
Lab File: BM037113.D
Acq: 17 Oct 2022 15:14

Tgt Ion:228 Resp: 244041
Ion Ratio Lower Upper
228 100
226 30.5 24.6 37.0
229 22.7 16.4 24.6





#24

Benzo(b)fluoranthene

Concen: 5.279 ng/ul

RT: 23.131 min Scan# 41

Delta R.T. 0.009 min

Lab File: BM037113.D

Acq: 17 Oct 2022 15:14

Instrument :

BNA_M

ClientSampleId :

BGNM2

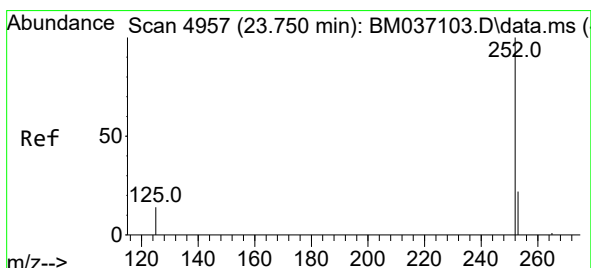
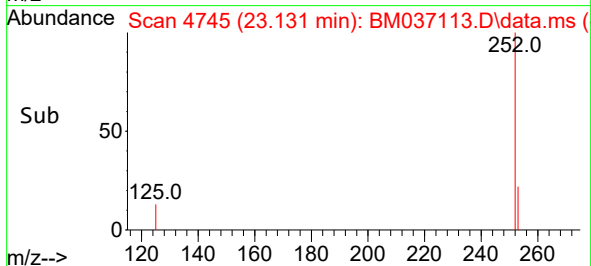
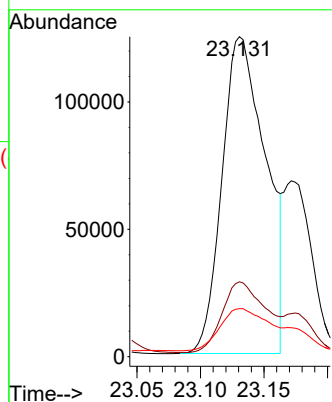
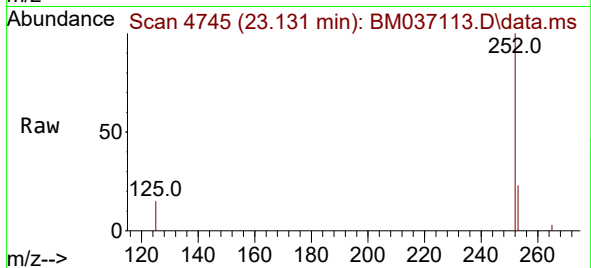
Tgt Ion:252 Resp: 297376

Ion Ratio Lower Upper

252 100

253 23.4 0.0 61.4

125 15.0 0.0 42.6



#26

Benzo(a)pyrene

Concen: 4.460 ng/ul

RT: 23.753 min Scan# 4958

Delta R.T. 0.009 min

Lab File: BM037113.D

Acq: 17 Oct 2022 15:14

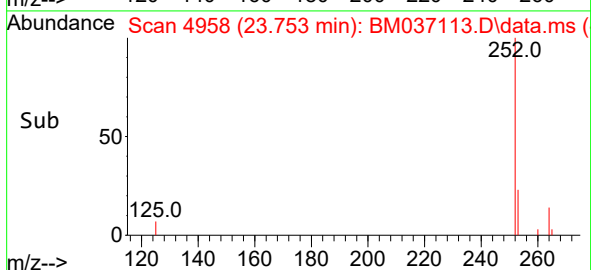
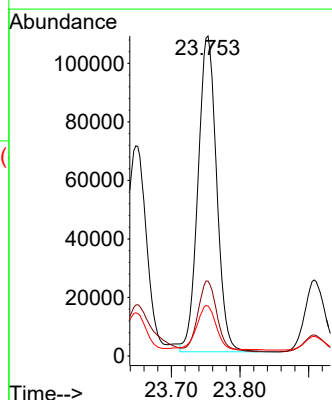
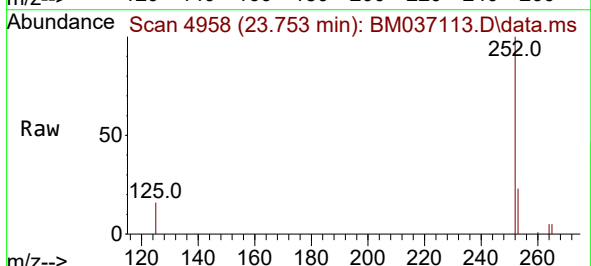
Tgt Ion:252 Resp: 203851

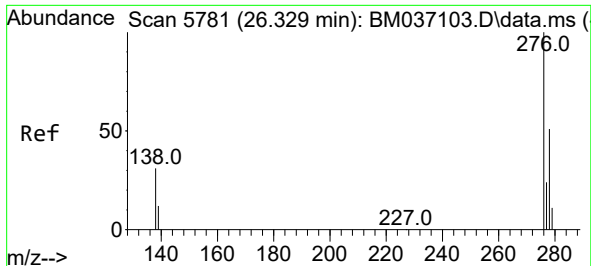
Ion Ratio Lower Upper

252 100

253 23.4 29.7 44.5#

125 15.6 23.6 35.4#

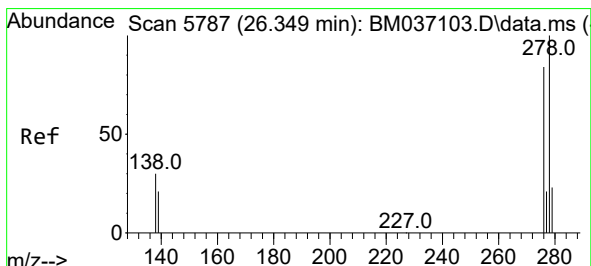
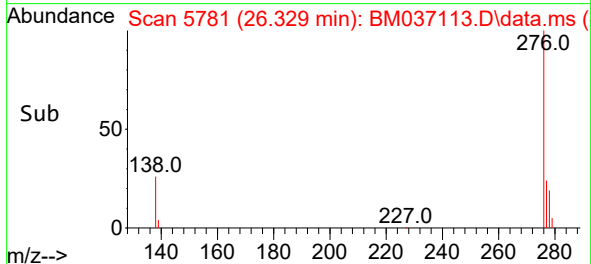
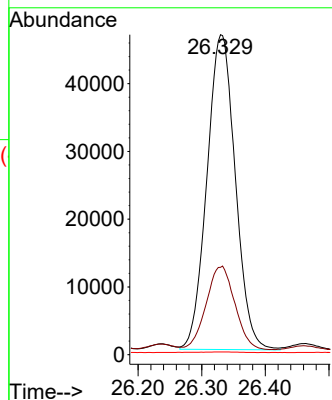
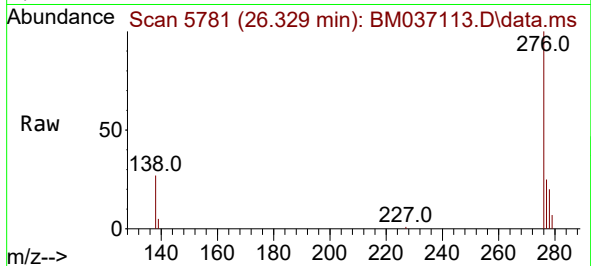




#27
Indeno(1,2,3-cd)pyrene
Concen: 2.230 ng/ul
RT: 26.329 min Scan# 5781
Delta R.T. 0.003 min
Lab File: BM037113.D
Acq: 17 Oct 2022 15:14

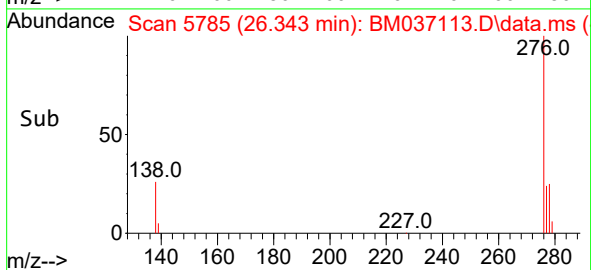
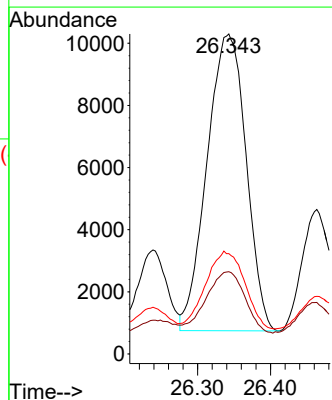
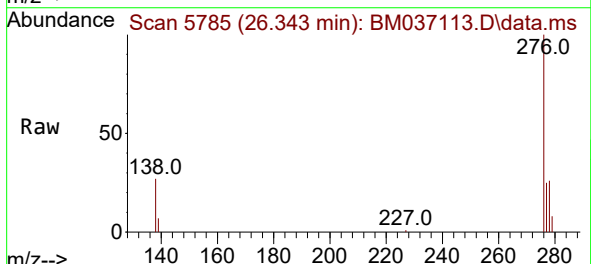
Instrument :
BNA_M
ClientSampleId :
BGNM2

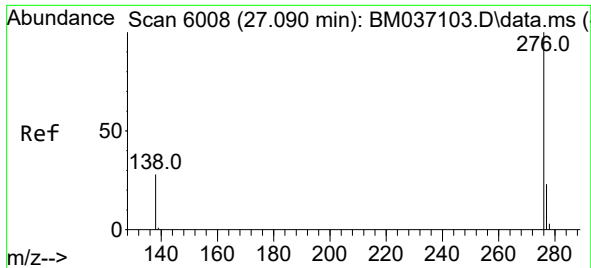
Tgt Ion:276 Resp: 144359
Ion Ratio Lower Upper
276 100
138 26.8 23.9 35.9
227 0.2 0.1 0.1#



#28
Dibenzo(a,h)anthracene
Concen: 0.680 ng/ul
RT: 26.343 min Scan# 5785
Delta R.T. -0.000 min
Lab File: BM037113.D
Acq: 17 Oct 2022 15:14

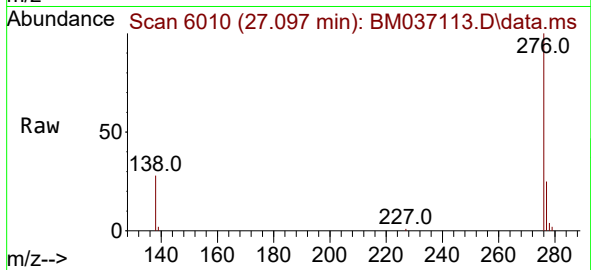
Tgt Ion:278 Resp: 35560
Ion Ratio Lower Upper
278 100
139 25.7 19.8 29.6
279 31.3 27.7 41.5





#29
 Benzo(g,h,i)perylene
 Concen: 1.910 ng/ul
 RT: 27.097 min Scan# 60
 Delta R.T. 0.010 min
 Lab File: BM037113.D
 Acq: 17 Oct 2022 15:14

Instrument :
 BNA_M
 ClientSampleId :
 BGNM2



Tgt Ion:276 Resp: 108953
 Ion Ratio Lower Upper
 276 100
 138 28.2 23.4 35.0
 277 24.6 21.0 31.4

