

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038263.D
 Acq On : 24 Dec 2022 10:08
 Operator : CG/JU
 Sample : N6015-18DL 5X
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 25 02:55:02 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 24 05:23:31 2022
 Response via : Initial Calibration

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

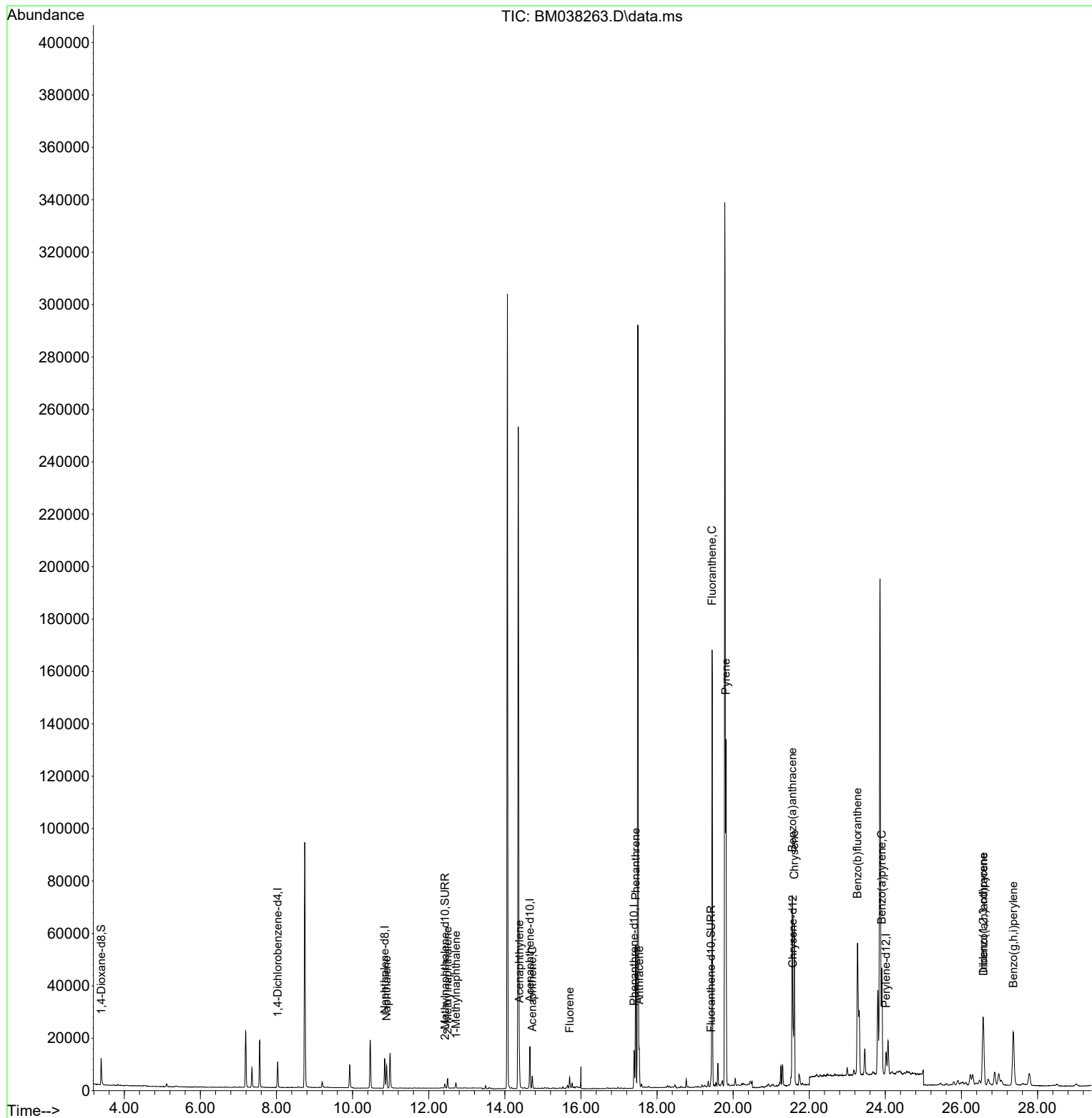
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.030	152	4904	0.400	ng/ul	0.00
4) Naphthalene-d8	10.841	136	14520	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.658	164	8215	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.397	188	16463	0.400	ng/ul	0.00
17) Chrysene-d12	21.569	240	10991	0.400	ng/ul	0.00
23) Perylene-d12	24.019	264	11321	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.394	96	6484	1.300	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.425	152	1939	0.091	ng/ul	0.00
18) Fluoranthene-d10	19.419	212	3620	0.088	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.891	128	11530	0.271	ng/ul	98
7) 2-Methylnaphthalene	12.496	142	2432	0.092	ng/ul	100
8) 1-Methylnaphthalene	12.716	142	1353	0.050	ng/ul	97
10) Acenaphthylene	14.380	152	12520	0.276	ng/ul	99
11) Acenaphthene	14.718	153	2725	0.084	ng/ul	97
12) Fluorene	15.703	166	2682	0.076	ng/ul#	98
15) Phenanthrene	17.439	178	55404	1.006	ng/ul	99
16) Anthracene	17.532	178	14179	0.268	ng/ul	99
19) Fluoranthene	19.446	202	138604	2.302	ng/ul	98
20) Pyrene	19.809	202	110320	1.813	ng/ul	97
21) Benzo(a)anthracene	21.552	228	59630	1.237	ng/ul	97
22) Chrysene	21.607	228	60197	1.283	ng/ul	98
24) Benzo(b)fluoranthene	23.267	252	91229	1.821	ng/ul	90
26) Benzo(a)pyrene	23.908	252	57535	1.316	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.570	276	44452	0.733	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.577	278	11218	0.238	ng/ul#	85
29) Benzo(g,h,i)perylene	27.362	276	45237	0.886	ng/ul	96

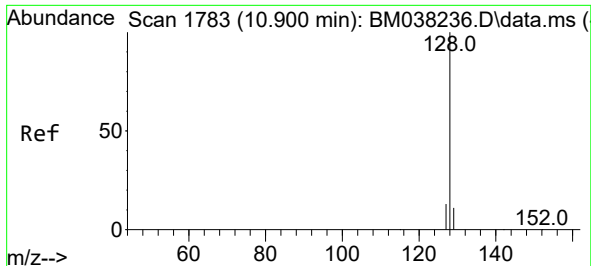
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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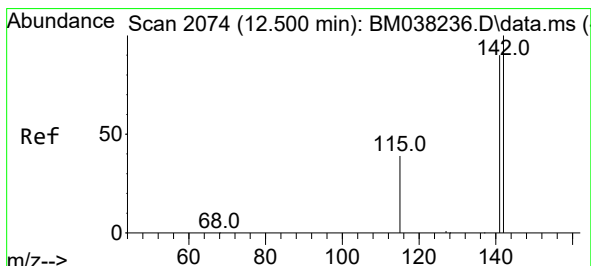
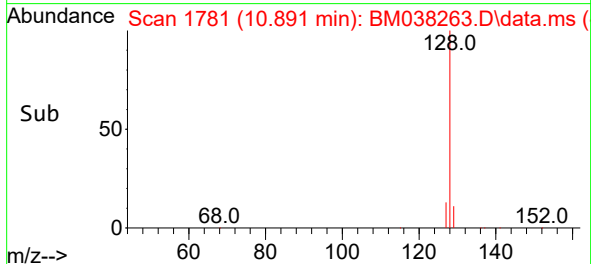
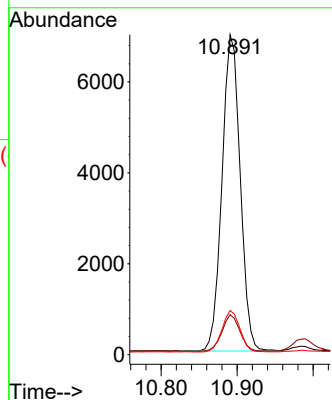
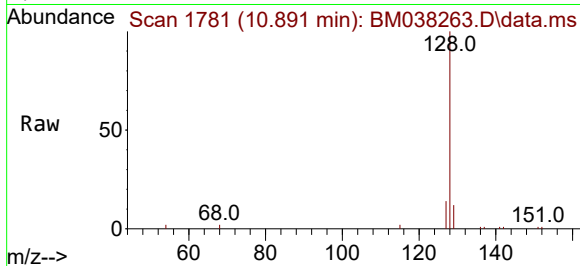




#5
Naphthalene
Concen: 0.271 ng/ul
RT: 10.891 min Scan# 1781
Delta R.T. -0.004 min
Lab File: BM038263.D
Acq: 24 Dec 2022 10:08

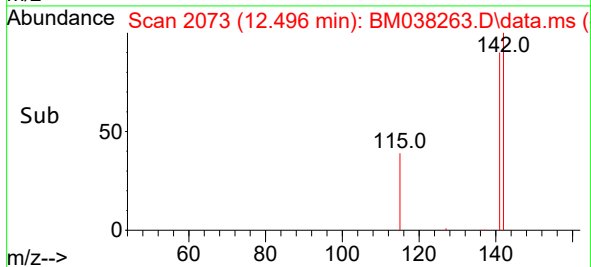
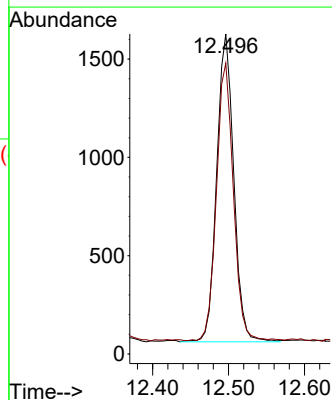
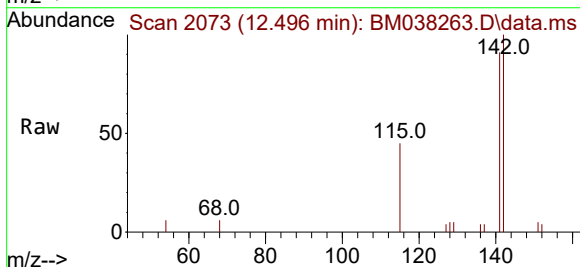
Instrument :
BNA_M
ClientSampleId :

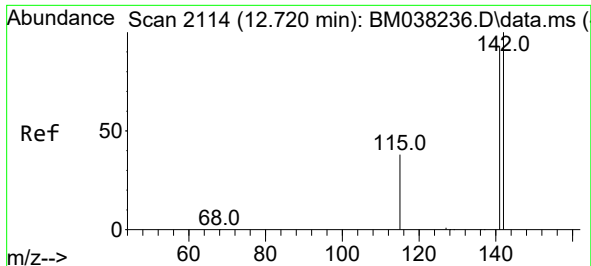
Tgt Ion:128 Resp: 11530
Ion Ratio Lower Upper
128 100
129 12.5 9.4 14.0
127 13.8 10.7 16.1



#7
2-Methylnaphthalene
Concen: 0.092 ng/ul
RT: 12.496 min Scan# 2073
Delta R.T. 0.002 min
Lab File: BM038263.D
Acq: 24 Dec 2022 10:08

Tgt Ion:142 Resp: 2432
Ion Ratio Lower Upper
142 100
141 89.5 71.9 107.9

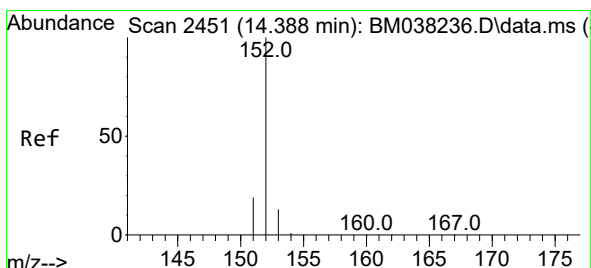
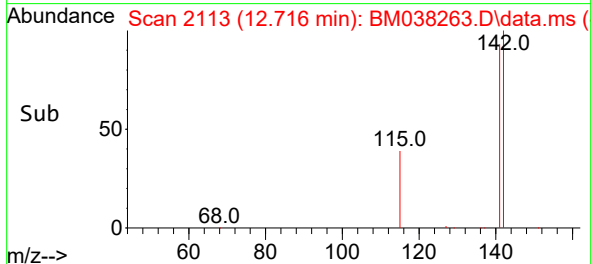
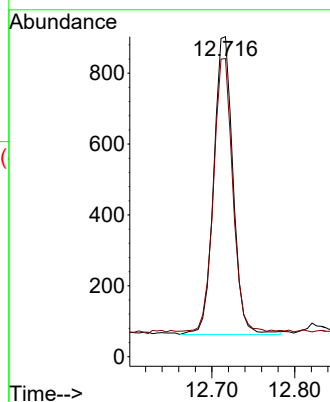
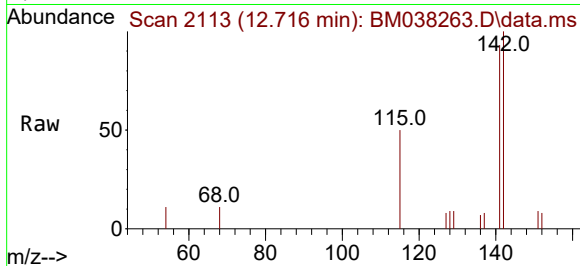




#8
1-Methylnaphthalene
Concen: 0.050 ng/ul
RT: 12.716 min Scan# 2113
Delta R.T. 0.002 min
Lab File: BM038263.D
Acq: 24 Dec 2022 10:08

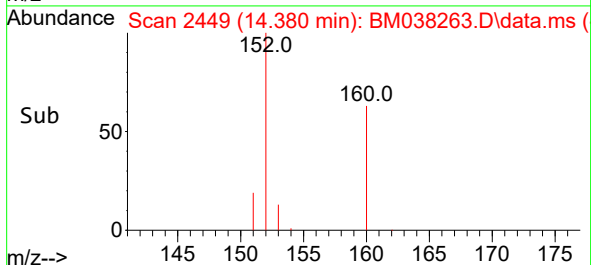
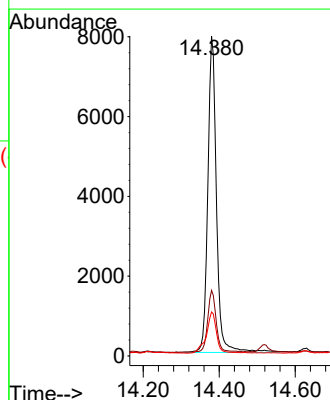
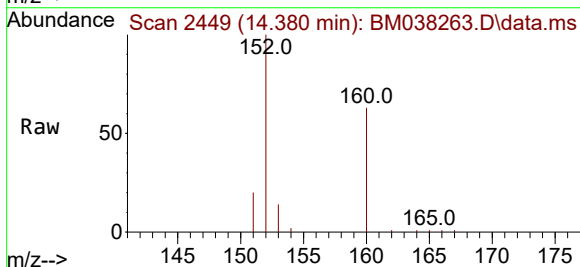
Instrument :
BNA_M
ClientSampleId :

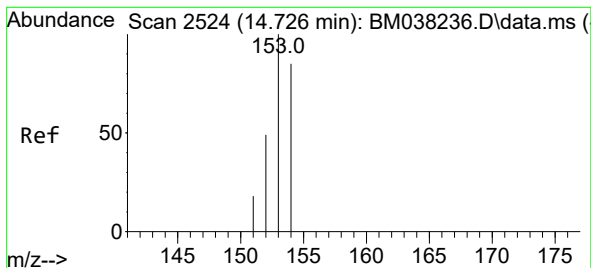
Tgt Ion:142 Resp: 1353
Ion Ratio Lower Upper
142 100
141 91.0 74.7 112.1



#10
Acenaphthylene
Concen: 0.276 ng/ul
RT: 14.380 min Scan# 2449
Delta R.T. 0.001 min
Lab File: BM038263.D
Acq: 24 Dec 2022 10:08

Tgt Ion:152 Resp: 12520
Ion Ratio Lower Upper
152 100
151 20.5 16.2 24.2
153 13.8 10.7 16.1





#11

Acenaphthene

Concen: 0.084 ng/ul

RT: 14.718 min Scan# 21

Delta R.T. -0.004 min

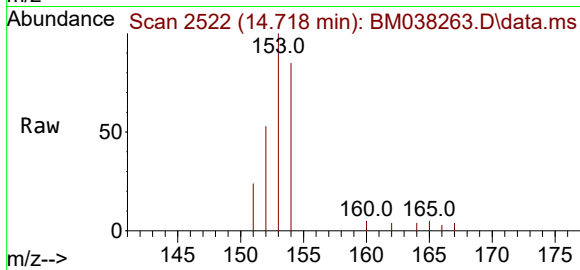
Lab File: BM038263.D

Acq: 24 Dec 2022 10:08

Instrument :

BNA_M

ClientSampleId :



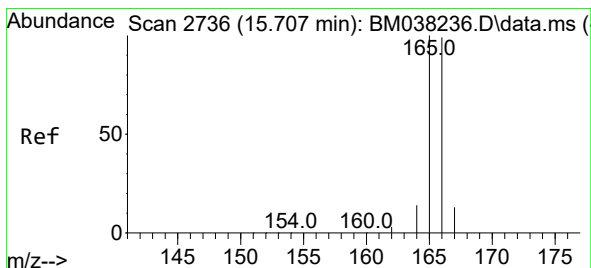
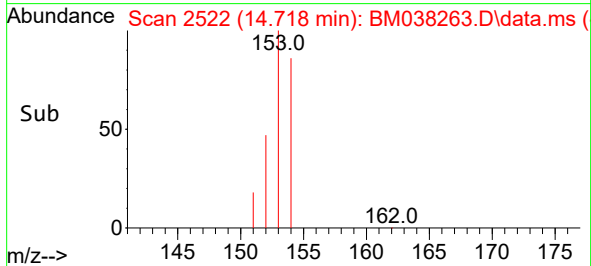
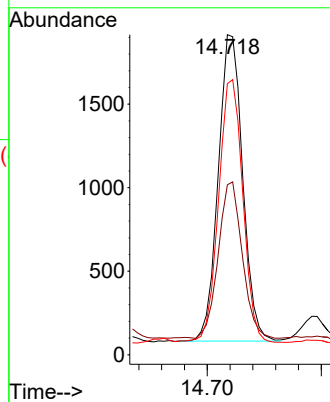
Tgt Ion:153 Resp: 2725

Ion Ratio Lower Upper

153 100

152 53.1 39.4 59.0

154 84.7 69.0 103.4



#12

Fluorene

Concen: 0.076 ng/ul

RT: 15.703 min Scan# 2735

Delta R.T. 0.001 min

Lab File: BM038263.D

Acq: 24 Dec 2022 10:08

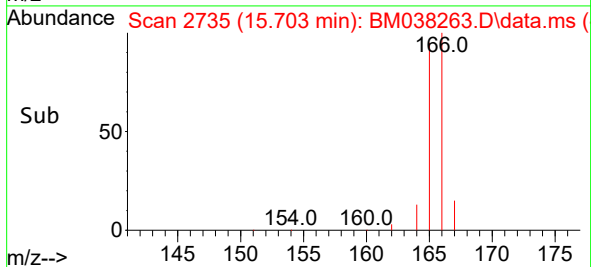
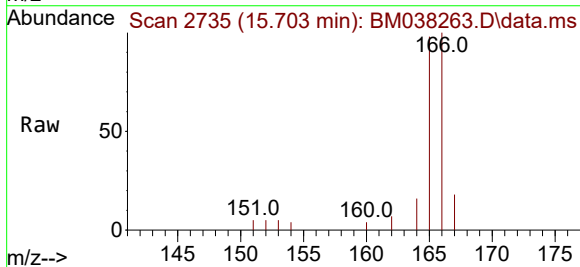
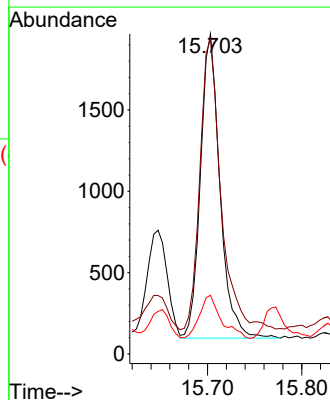
Tgt Ion:166 Resp: 2682

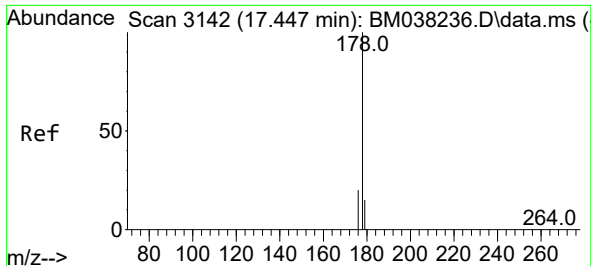
Ion Ratio Lower Upper

166 100

165 98.4 79.0 118.6

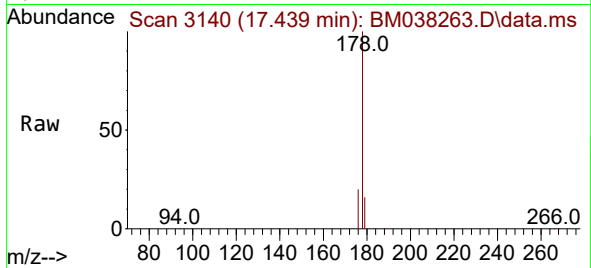
167 18.4 11.0 16.6#



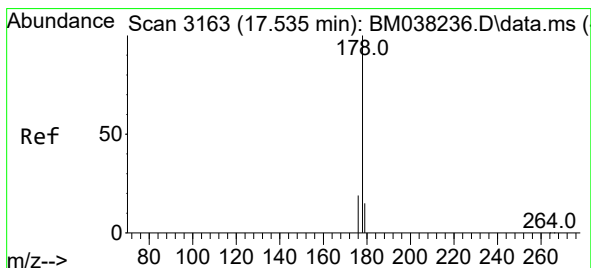
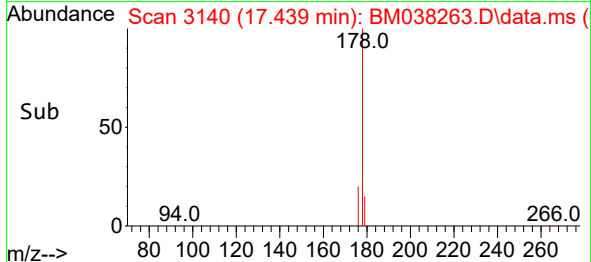
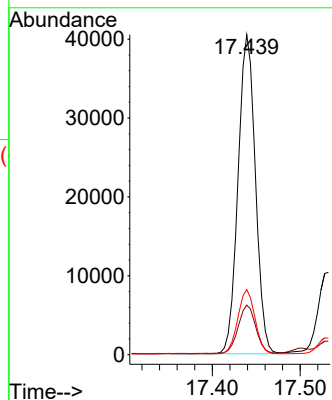


#15
Phenanthrene
Concen: 1.006 ng/ul
RT: 17.439 min Scan# 3140
Delta R.T. 0.001 min
Lab File: BM038263.D
Acq: 24 Dec 2022 10:08

Instrument :
BNA_M
ClientSampleId :

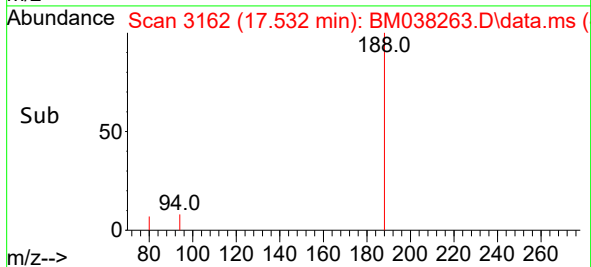
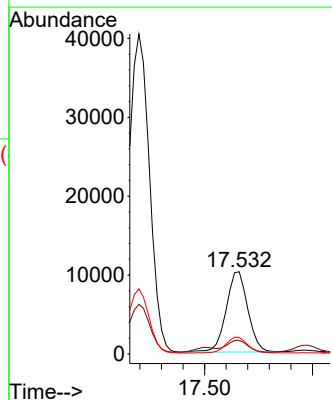
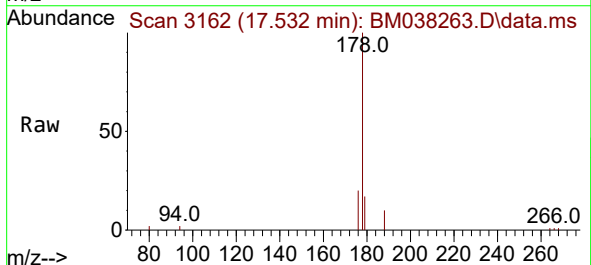


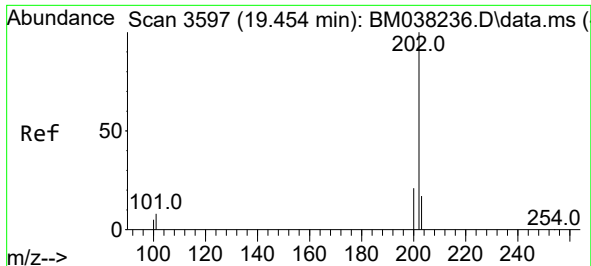
Tgt Ion:178 Resp: 55404
Ion Ratio Lower Upper
178 100
179 15.5 13.0 19.4
176 20.3 16.2 24.4



#16
Anthracene
Concen: 0.268 ng/ul
RT: 17.532 min Scan# 3162
Delta R.T. 0.001 min
Lab File: BM038263.D
Acq: 24 Dec 2022 10:08

Tgt Ion:178 Resp: 14179
Ion Ratio Lower Upper
178 100
179 16.6 13.0 19.6
176 20.0 15.6 23.4

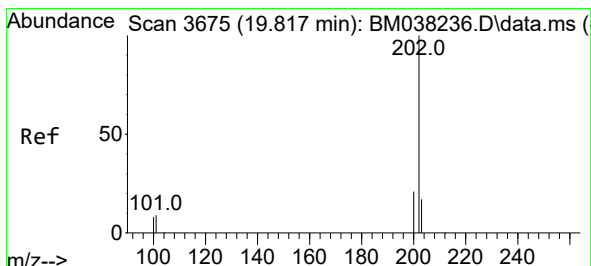
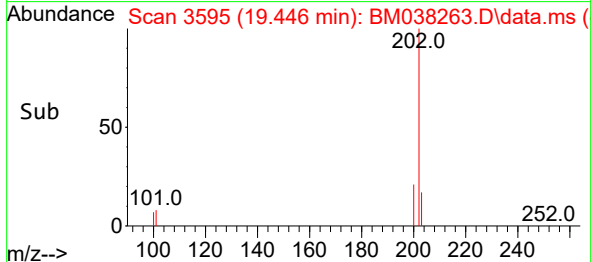
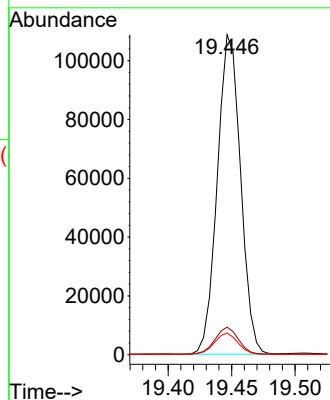
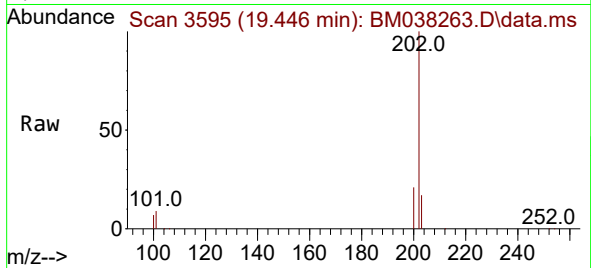




#19
Fluoranthene
Concen: 2.302 ng/ul
RT: 19.446 min Scan# 31
Delta R.T. -0.003 min
Lab File: BM038263.D
Acq: 24 Dec 2022 10:08

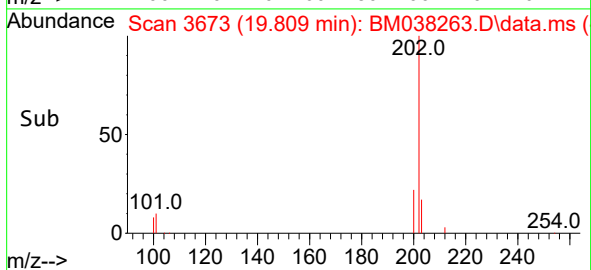
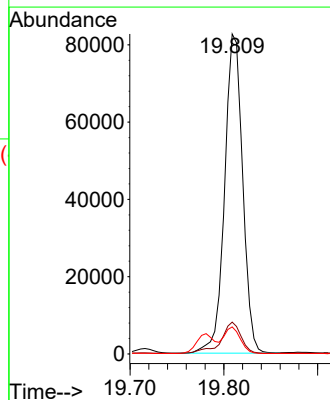
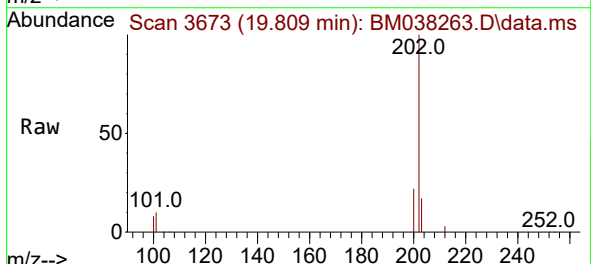
Instrument :
BNA_M
ClientSampleId :

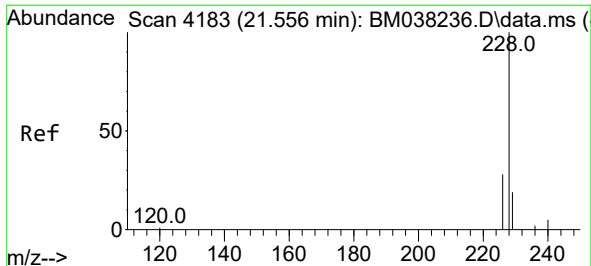
Tgt Ion:202 Resp: 138604
Ion Ratio Lower Upper
202 100
101 8.6 7.5 11.3
100 6.8 5.6 8.4



#20
Pyrene
Concen: 1.813 ng/ul
RT: 19.809 min Scan# 3673
Delta R.T. -0.003 min
Lab File: BM038263.D
Acq: 24 Dec 2022 10:08

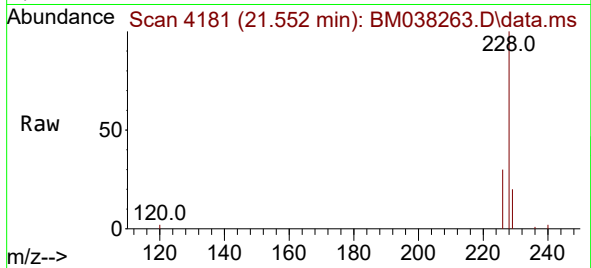
Tgt Ion:202 Resp: 110320
Ion Ratio Lower Upper
202 100
101 9.9 8.9 13.3
100 8.5 7.4 11.0



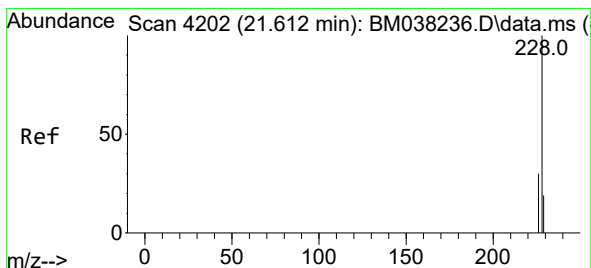
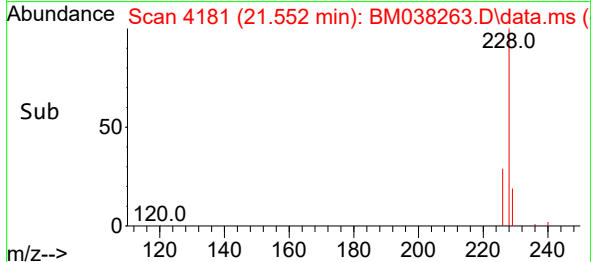
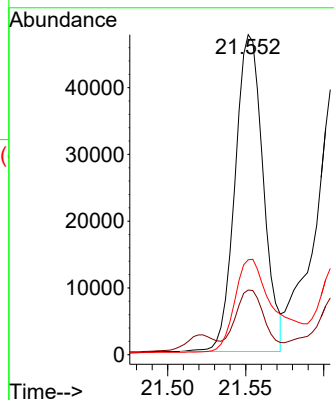


#21
Benzo(a)anthracene
Concen: 1.237 ng/ul
RT: 21.552 min Scan# 4181
Delta R.T. 0.001 min
Lab File: BM038263.D
Acq: 24 Dec 2022 10:08

Instrument :
BNA_M
ClientSampleId :

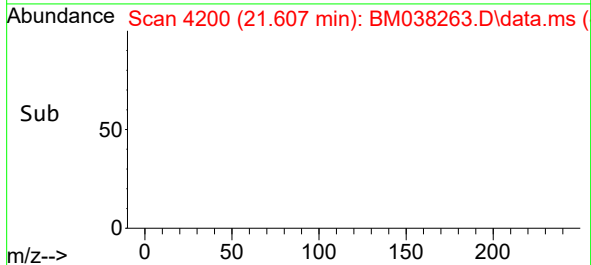
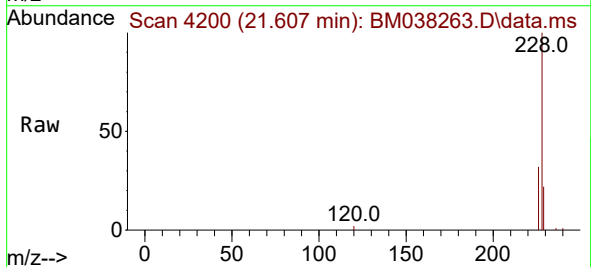
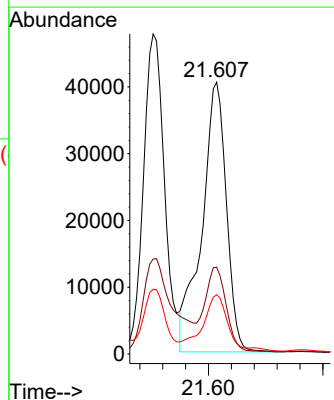


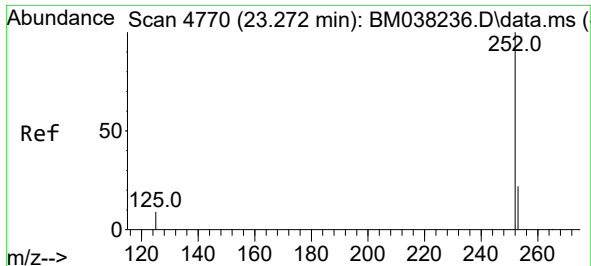
Tgt Ion:228 Resp: 59630
Ion Ratio Lower Upper
228 100
229 20.2 15.5 23.3
226 29.7 22.2 33.2



#22
Chrysene
Concen: 1.283 ng/ul
RT: 21.607 min Scan# 4200
Delta R.T. 0.001 min
Lab File: BM038263.D
Acq: 24 Dec 2022 10:08

Tgt Ion:228 Resp: 60197
Ion Ratio Lower Upper
228 100
226 31.9 25.0 37.4
229 21.8 16.0 24.0

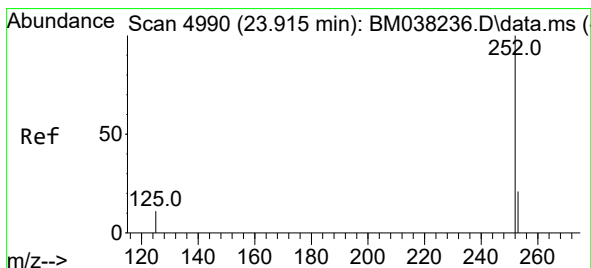
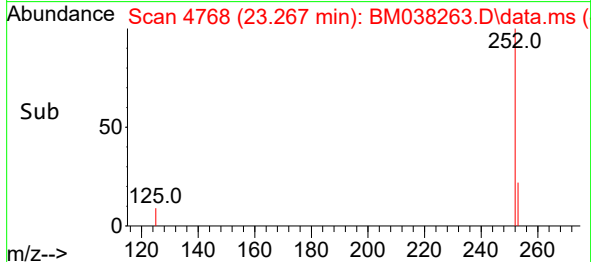
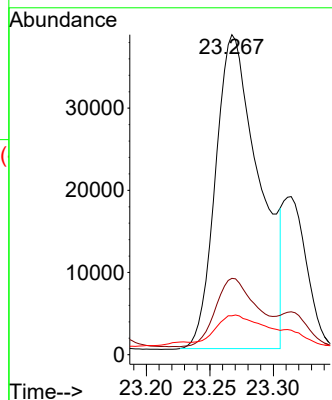
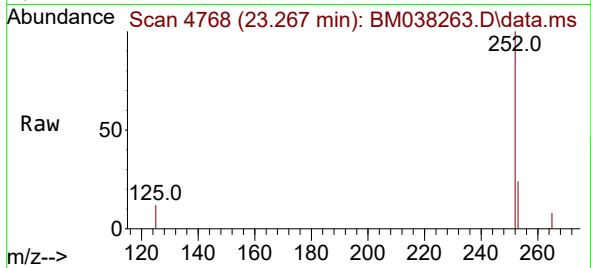




#24
Benzo(b)fluoranthene
Concen: 1.821 ng/ul
RT: 23.267 min Scan# 41
Delta R.T. 0.001 min
Lab File: BM038263.D
Acq: 24 Dec 2022 10:08

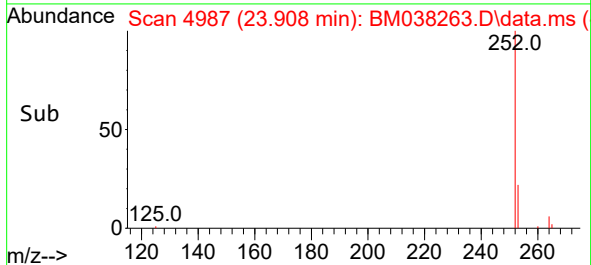
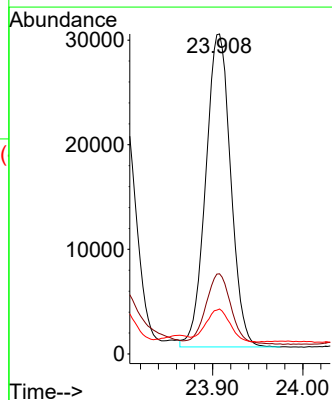
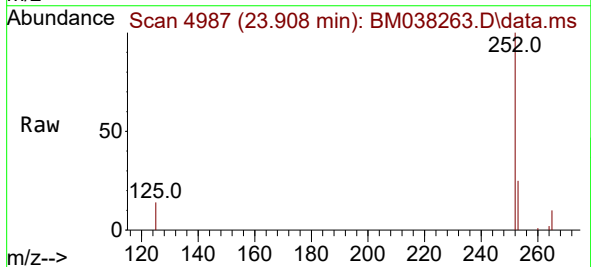
Instrument :
BNA_M
ClientSampleId :

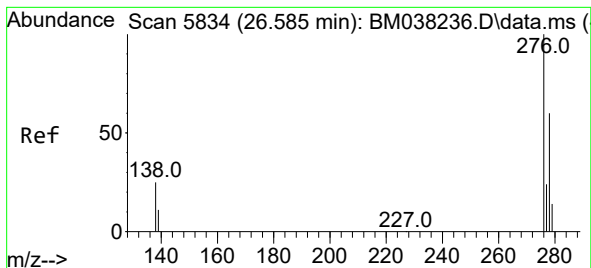
Tgt Ion:252 Resp: 91229
Ion Ratio Lower Upper
252 100
253 23.8 0.0 56.0
125 12.2 0.0 36.6



#26
Benzo(a)pyrene
Concen: 1.316 ng/ul
RT: 23.908 min Scan# 4987
Delta R.T. 0.001 min
Lab File: BM038263.D
Acq: 24 Dec 2022 10:08

Tgt Ion:252 Resp: 57535
Ion Ratio Lower Upper
252 100
253 25.1 24.2 36.4
125 14.1 17.3 25.9#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.733 ng/ul

RT: 26.570 min Scan# 5829

Delta R.T. 0.002 min

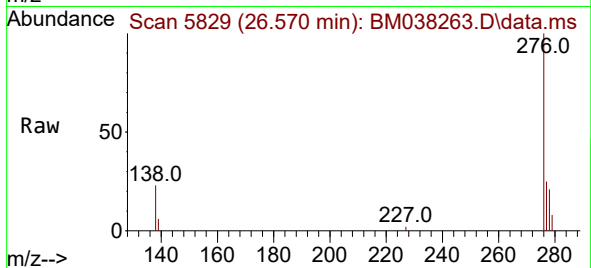
Lab File: BM038263.D

Acq: 24 Dec 2022 10:08

Instrument :

BNA_M

ClientSampleId :



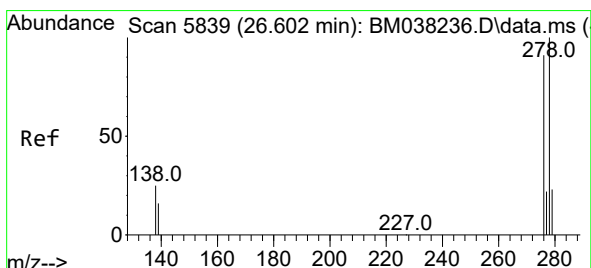
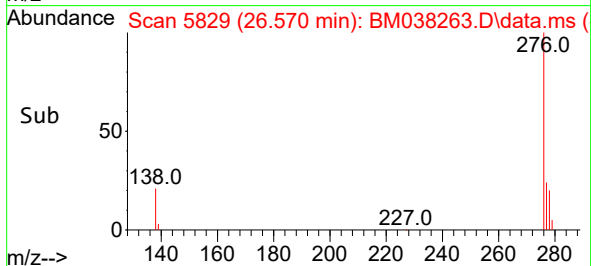
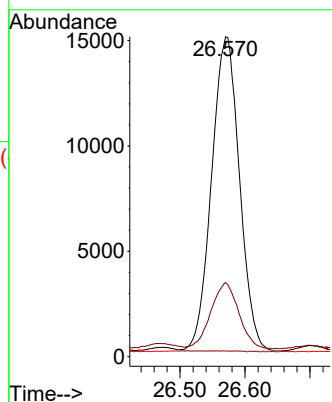
Tgt Ion:276 Resp: 44452

Ion Ratio Lower Upper

276 100

138 21.1 21.7 32.5#

227 0.0 0.0 0.0



#28

Dibenzo(a,h)anthracene

Concen: 0.238 ng/ul

RT: 26.577 min Scan# 5831

Delta R.T. -0.012 min

Lab File: BM038263.D

Acq: 24 Dec 2022 10:08

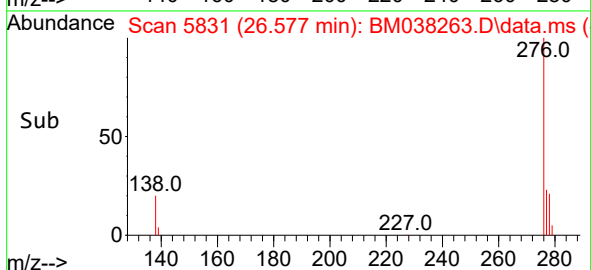
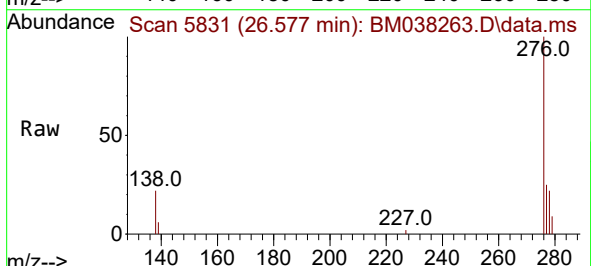
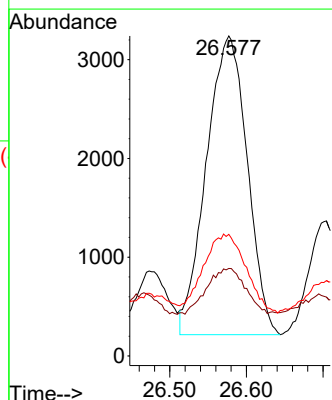
Tgt Ion:278 Resp: 11218

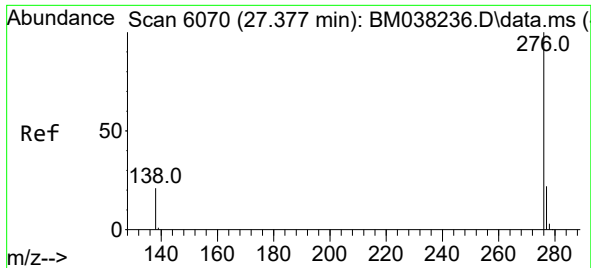
Ion Ratio Lower Upper

278 100

139 27.3 16.8 25.2#

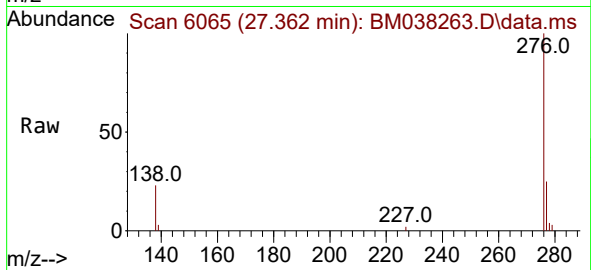
279 38.0 23.4 35.2#





#29
Benzo(g,h,i)perylene
Concen: 0.886 ng/ul
RT: 27.362 min Scan# 6065
Delta R.T. 0.002 min
Lab File: BM038263.D
Acq: 24 Dec 2022 10:08

Instrument :
BNA_M
ClientSampleId :



Tgt Ion:	276	Resp:	45237
Ion	Ratio	Lower	Upper
276	100		
138	23.2	20.8	31.2
277	24.5	20.5	30.7

