

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038234.D
 Acq On : 23 Dec 2022 16:04
 Operator : CG/JU
 Sample : N6014-07
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 23 23:23:42 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 : Thu Dec 22 23:36:45 2022
 Response via : Initial Calibration

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

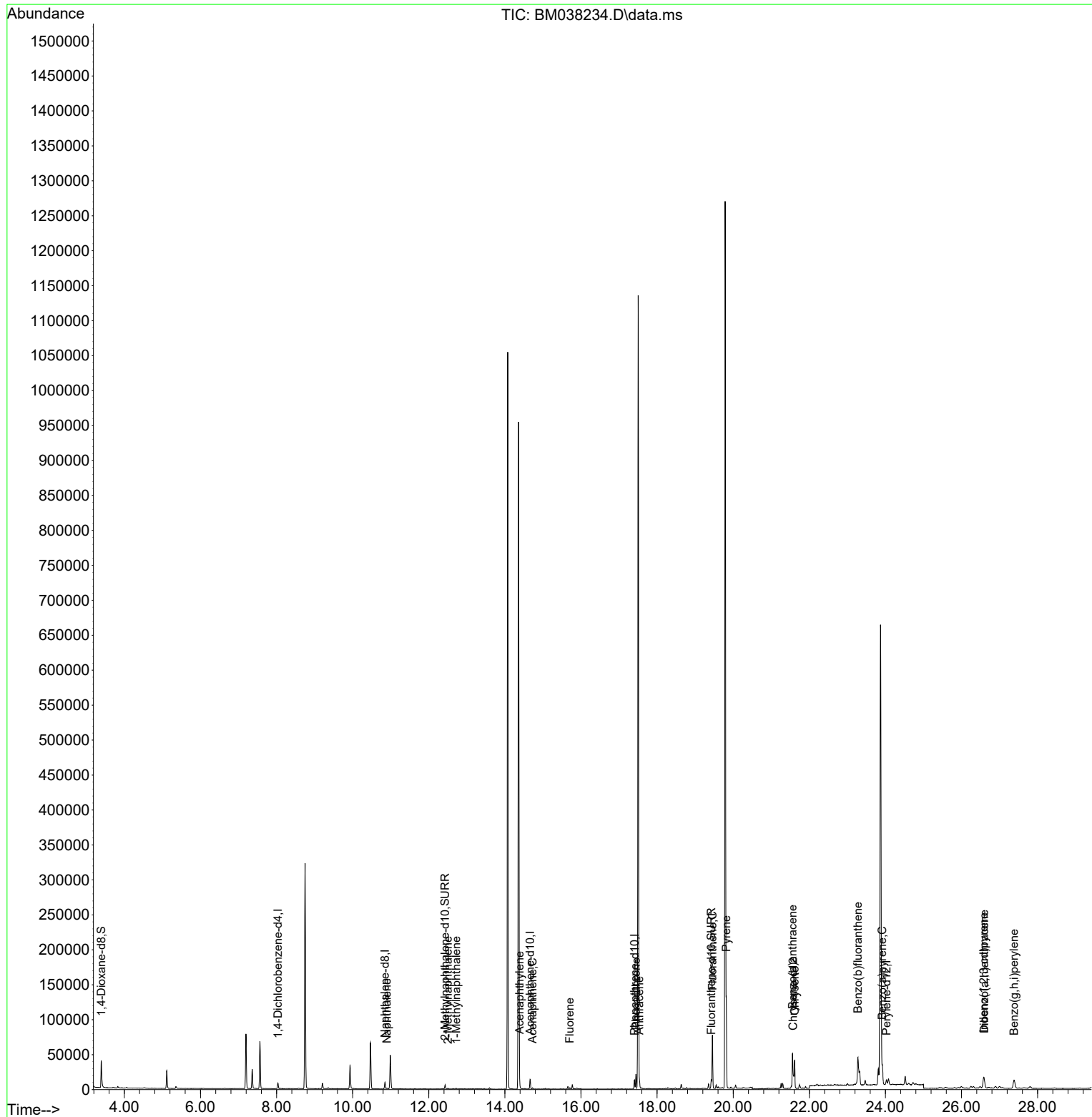
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.034	152	4258	0.400	ng/ul	0.00
4) Naphthalene-d8	10.851	136	12923	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.661	164	7500	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.405	188	14826	0.400	ng/ul	0.00
17) Chrysene-d12	21.577	240	9482	0.400	ng/ul	0.00
23) Perylene-d12	24.029	264	9674	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	25124	5.801	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.429	152	7197	0.378	ng/ul	0.00
18) Fluoranthene-d10	19.422	212	13247	0.372	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.900	128	1486	0.039	ng/ul#	83
7) 2-Methylnaphthalene	12.500	142	687	0.029	ng/ul	97
8) 1-Methylnaphthalene	12.720	142	633	0.026	ng/ul	100
10) Acenaphthylene	14.389	152	6809	0.164	ng/ul	96
11) Acenaphthene	14.726	153	958	0.032	ng/ul	96
12) Fluorene	15.707	166	1250	0.039	ng/ul#	95
15) Phenanthrene	17.447	178	21470	0.433	ng/ul	99
16) Anthracene	17.536	178	10389	0.218	ng/ul	97
19) Fluoranthene	19.455	202	62319	1.200	ng/ul	100
20) Pyrene	19.817	202	100812	1.921	ng/ul	98
21) Benzo(a)anthracene	21.556	228	41524	0.998	ng/ul	97
22) Chrysene	21.615	228	43733	1.080	ng/ul	97
24) Benzo(b)fluoranthene	23.278	252	71828	1.677	ng/ul	92
26) Benzo(a)pyrene	23.918	252	38168	1.022	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.582	276	27933	0.539	ng/ul#	87
28) Dibenzo(a,h)anthracene	26.595	278	7096	0.176	ng/ul#	71
29) Benzo(g,h,i)perylene	27.380	276	27263	0.625	ng/ul	99

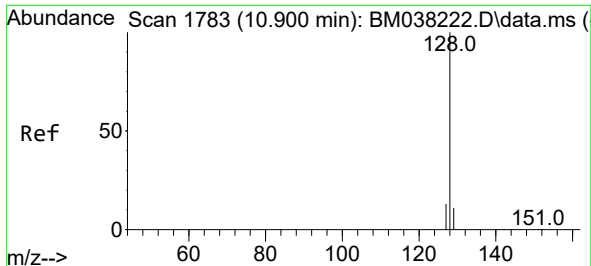
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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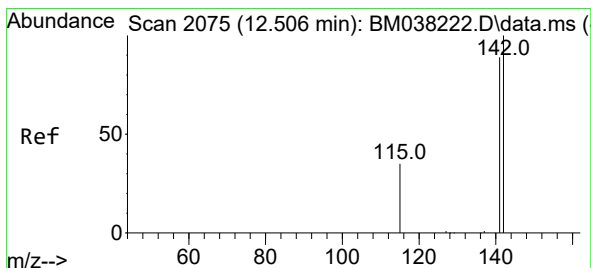
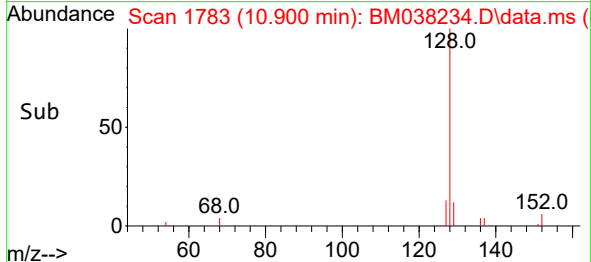
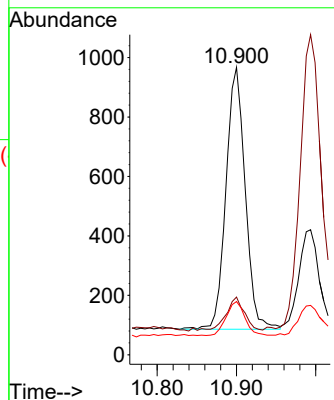
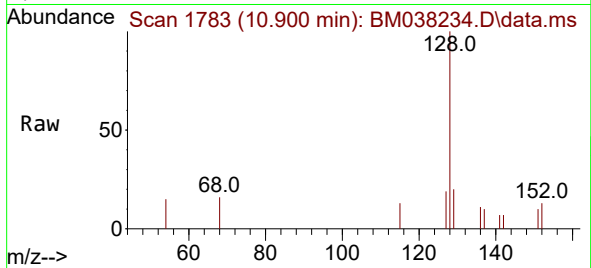




#5
Naphthalene
Concen: 0.039 ng/ul
RT: 10.900 min Scan# 1783
Delta R.T. -0.005 min
Lab File: BM038234.D
Acq: 23 Dec 2022 16:04

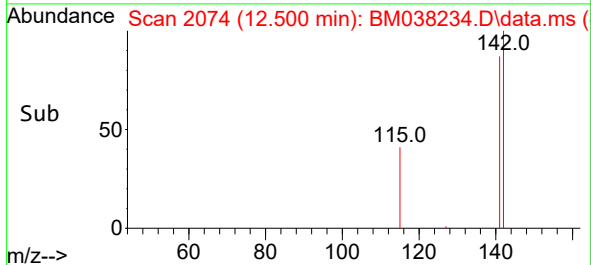
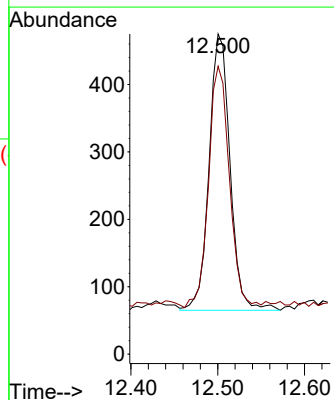
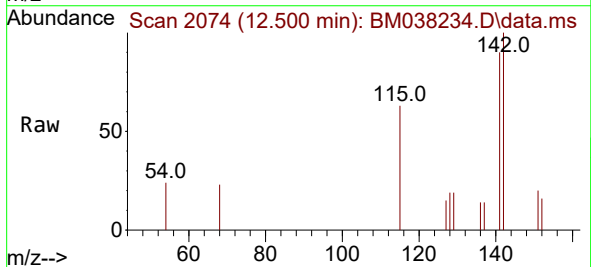
Instrument :
BNA_M
ClientSampleId :

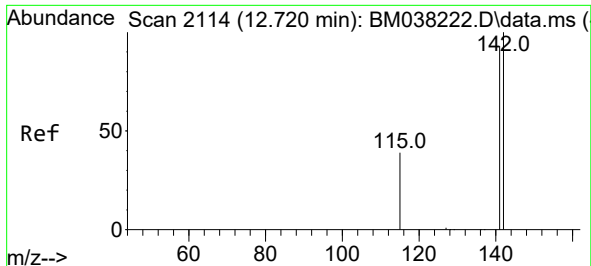
Tgt Ion:128 Resp: 1486
Ion Ratio Lower Upper
128 100
129 20.1 9.4 14.0#
127 18.5 10.7 16.1#



#7
2-Methylnaphthalene
Concen: 0.029 ng/ul
RT: 12.500 min Scan# 2074
Delta R.T. -0.005 min
Lab File: BM038234.D
Acq: 23 Dec 2022 16:04

Tgt Ion:142 Resp: 687
Ion Ratio Lower Upper
142 100
141 86.9 71.9 107.9

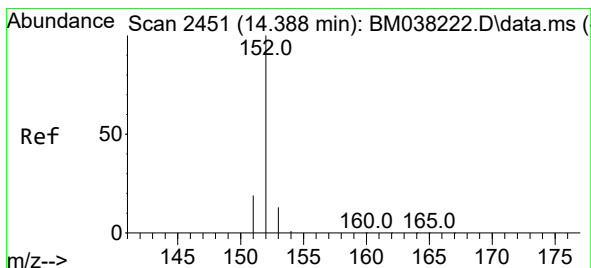
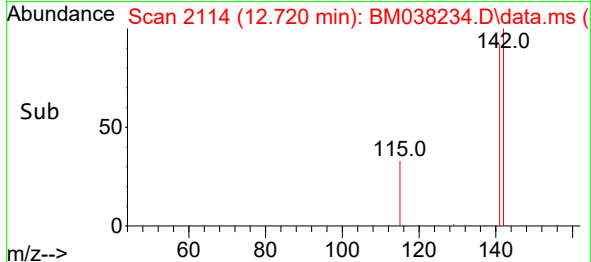
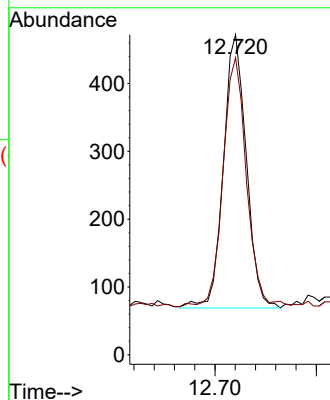
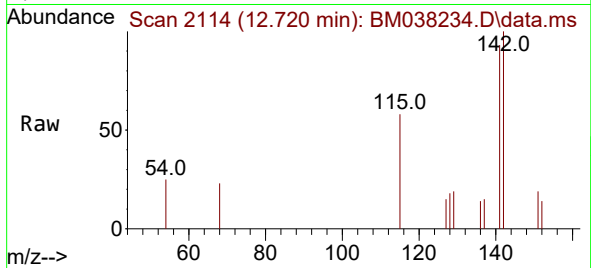




#8
1-Methylnaphthalene
Concen: 0.026 ng/ul
RT: 12.720 min Scan# 2114
Delta R.T. -0.005 min
Lab File: BM038234.D
Acq: 23 Dec 2022 16:04

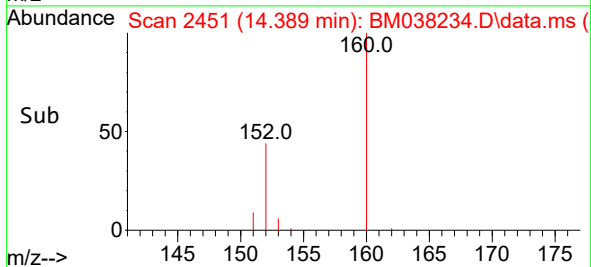
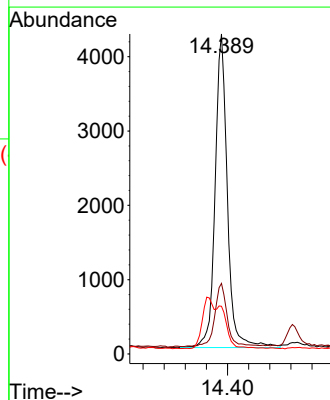
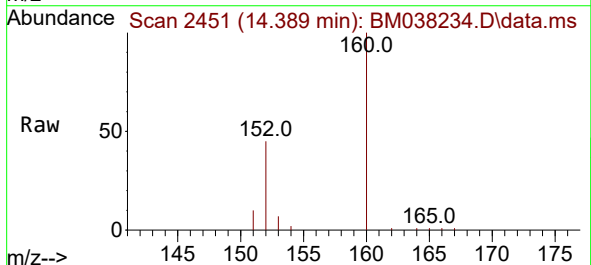
Instrument :
BNA_M
ClientSampleId :

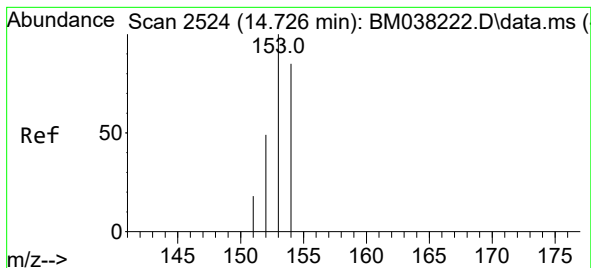
Tgt Ion:142 Resp: 633
Ion Ratio Lower Upper
142 100
141 93.2 74.7 112.1



#10
Acenaphthylene
Concen: 0.164 ng/ul
RT: 14.389 min Scan# 2451
Delta R.T. 0.000 min
Lab File: BM038234.D
Acq: 23 Dec 2022 16:04

Tgt Ion:152 Resp: 6809
Ion Ratio Lower Upper
152 100
151 22.0 16.2 24.2
153 14.9 10.7 16.1





#11

Acenaphthene

Concen: 0.032 ng/ul

RT: 14.726 min Scan# 21

Delta R.T. -0.004 min

Lab File: BM038234.D

Acq: 23 Dec 2022 16:04

Instrument :

BNA_M

ClientSampleId :

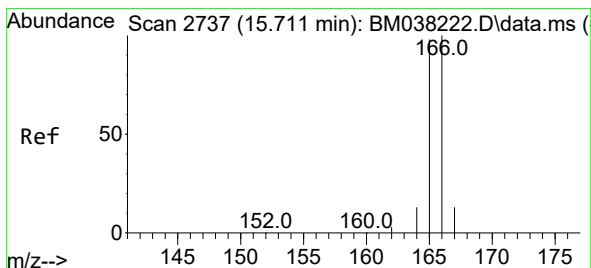
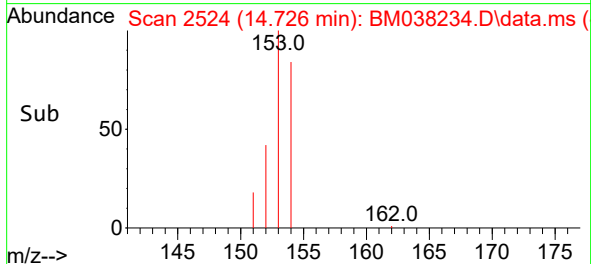
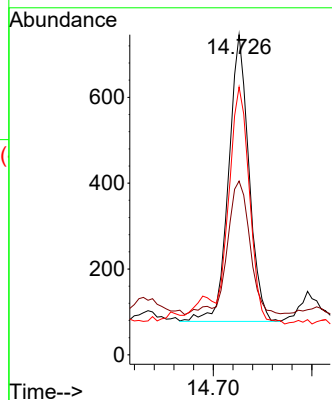
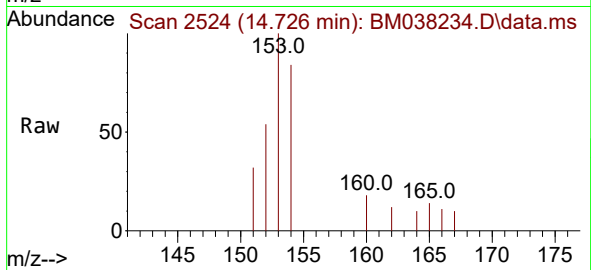
Tgt Ion:153 Resp: 958

Ion Ratio Lower Upper

153 100

152 54.3 39.4 59.0

154 83.6 69.0 103.4



#12

Fluorene

Concen: 0.039 ng/ul

RT: 15.707 min Scan# 2736

Delta R.T. -0.004 min

Lab File: BM038234.D

Acq: 23 Dec 2022 16:04

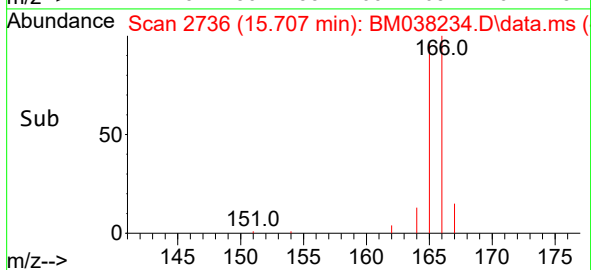
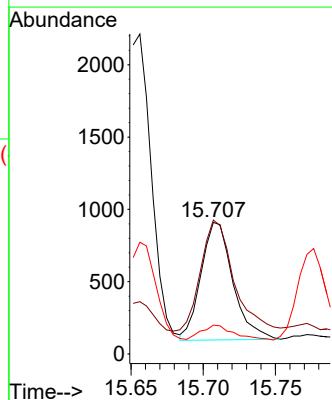
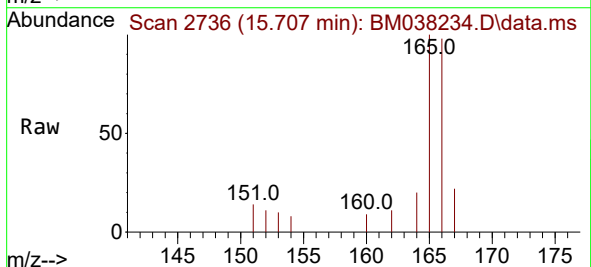
Tgt Ion:166 Resp: 1250

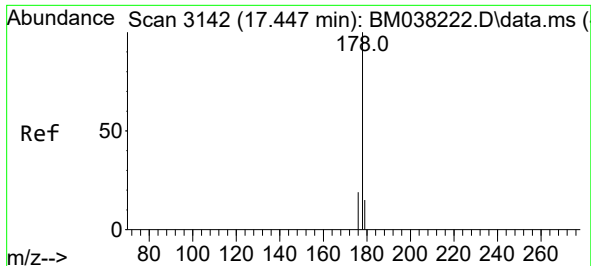
Ion Ratio Lower Upper

166 100

165 101.8 79.0 118.6

167 22.0 11.0 16.6#

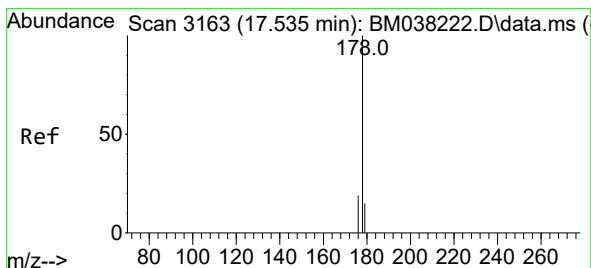
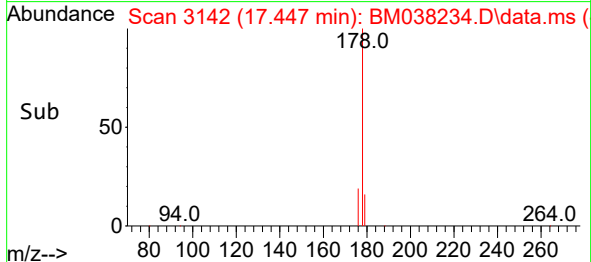
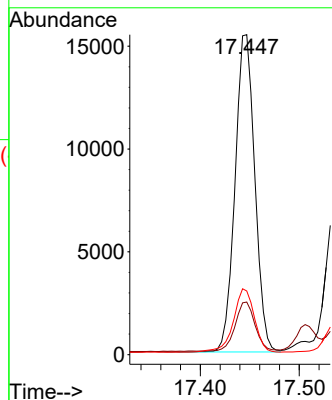
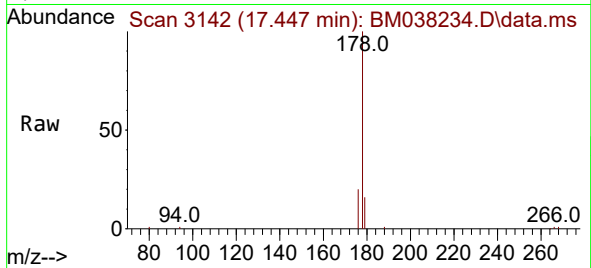




#15
Phenanthrene
Concen: 0.433 ng/ul
RT: 17.447 min Scan# 3142
Delta R.T. 0.000 min
Lab File: BM038234.D
Acq: 23 Dec 2022 16:04

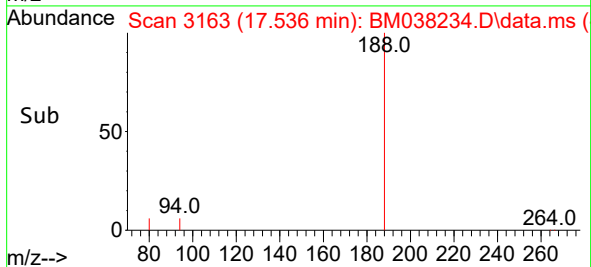
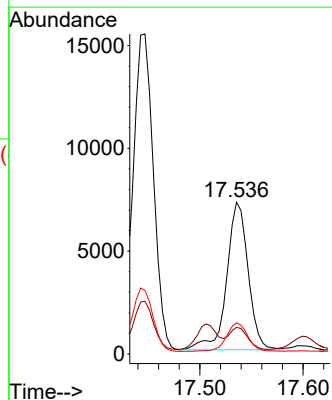
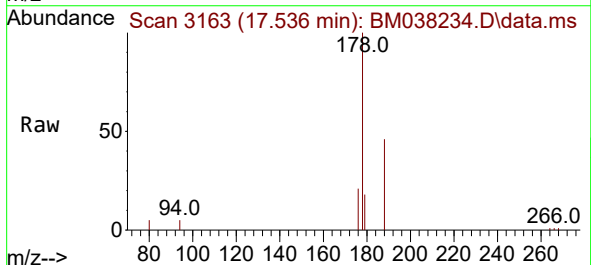
Instrument :
BNA_M
ClientSampleId :

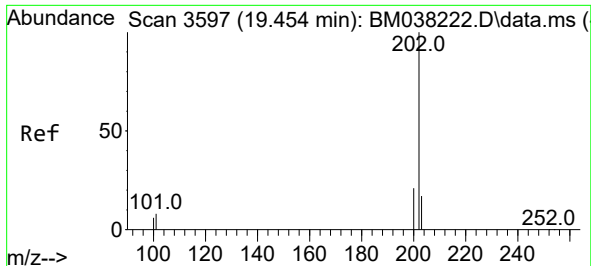
Tgt Ion:178 Resp: 21470
Ion Ratio Lower Upper
178 100
179 16.5 13.0 19.4
176 19.9 16.2 24.4



#16
Anthracene
Concen: 0.218 ng/ul
RT: 17.536 min Scan# 3163
Delta R.T. -0.004 min
Lab File: BM038234.D
Acq: 23 Dec 2022 16:04

Tgt Ion:178 Resp: 10389
Ion Ratio Lower Upper
178 100
179 17.5 13.0 19.6
176 20.6 15.6 23.4

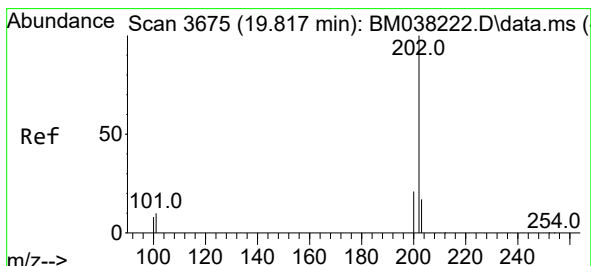
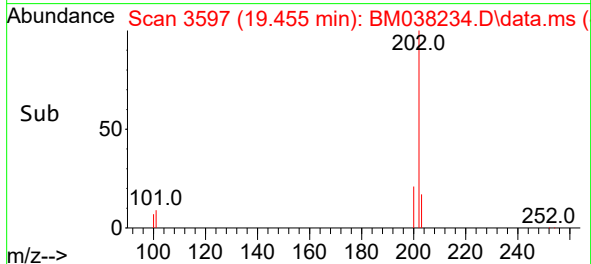
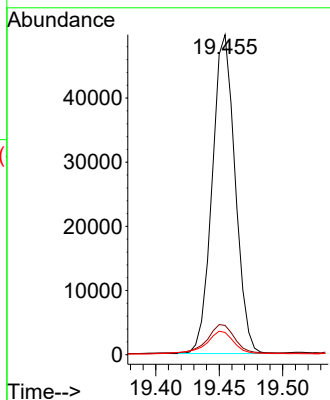
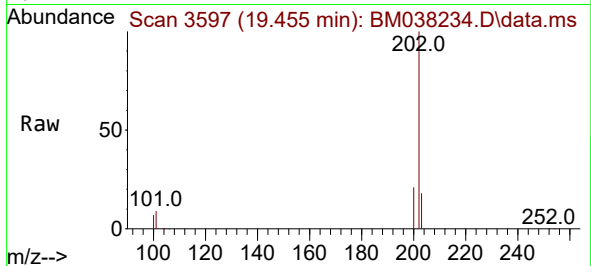




#19
Fluoranthene
Concen: 1.200 ng/ul
RT: 19.455 min Scan# 3597
Delta R.T. 0.000 min
Lab File: BM038234.D
Acq: 23 Dec 2022 16:04

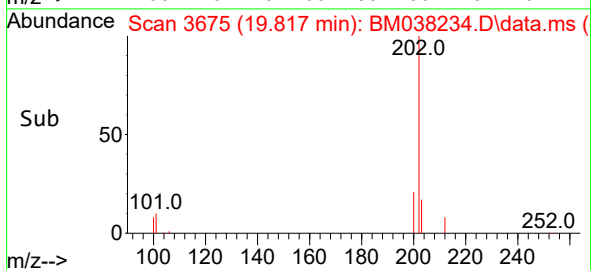
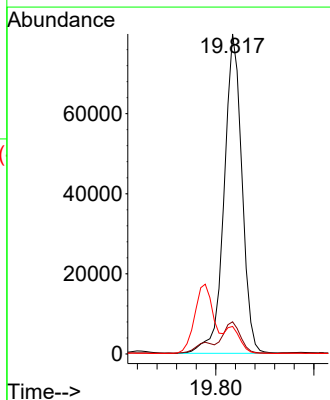
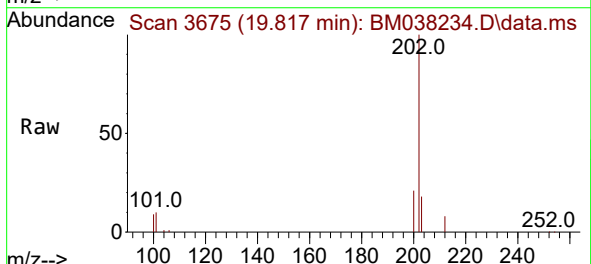
Instrument :
BNA_M
ClientSampleId :

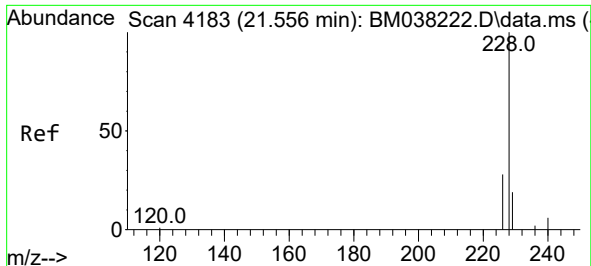
Tgt Ion:202 Resp: 62319
Ion Ratio Lower Upper
202 100
101 9.2 7.5 11.3
100 6.9 5.6 8.4



#20
Pyrene
Concen: 1.921 ng/ul
RT: 19.817 min Scan# 3675
Delta R.T. 0.000 min
Lab File: BM038234.D
Acq: 23 Dec 2022 16:04

Tgt Ion:202 Resp: 100812
Ion Ratio Lower Upper
202 100
101 10.1 8.9 13.3
100 8.6 7.4 11.0

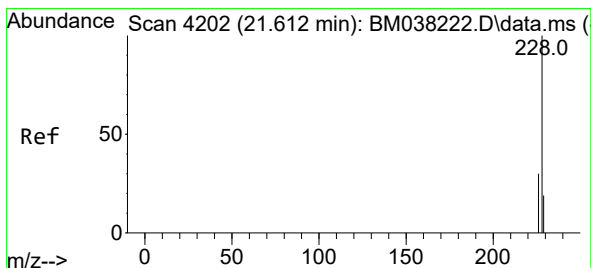
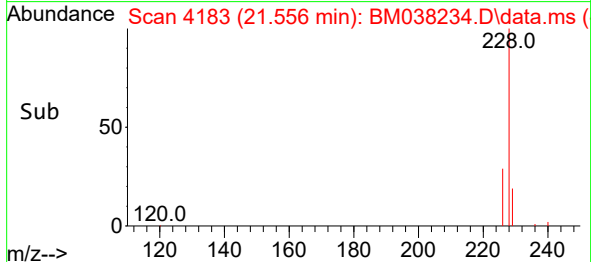
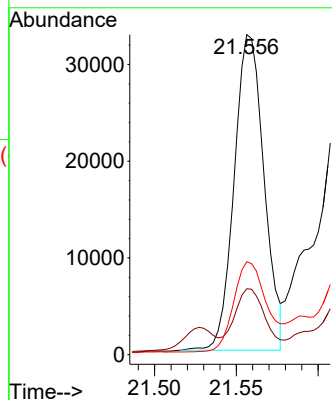
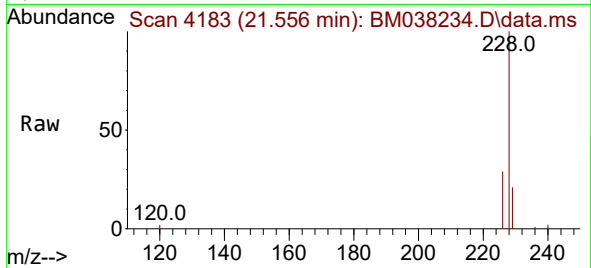




#21
Benzo(a)anthracene
Concen: 0.998 ng/ul
RT: 21.556 min Scan# 4183
Delta R.T. -0.003 min
Lab File: BM038234.D
Acq: 23 Dec 2022 16:04

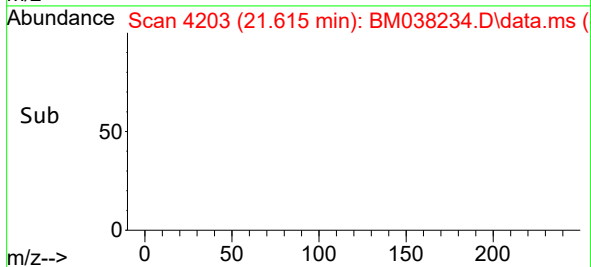
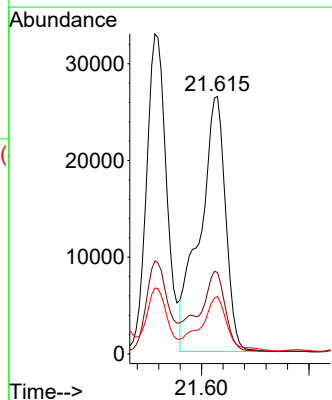
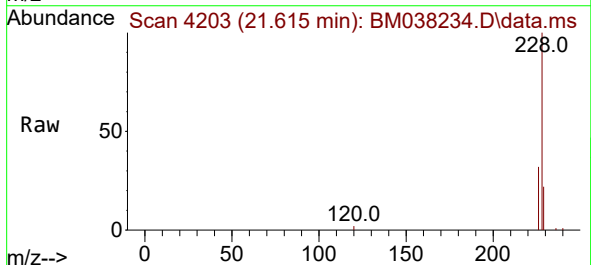
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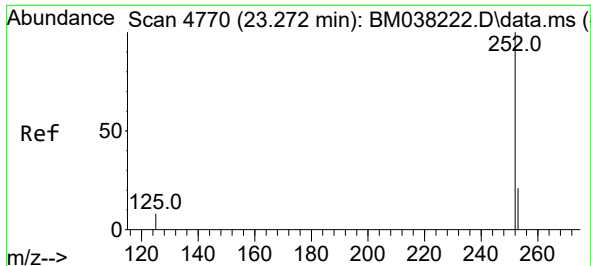
Tgt Ion:228 Resp: 41524
Ion Ratio Lower Upper
228 100
229 20.6 15.5 23.3
226 29.1 22.2 33.2



#22
Chrysene
Concen: 1.080 ng/ul
RT: 21.615 min Scan# 4203
Delta R.T. 0.003 min
Lab File: BM038234.D
Acq: 23 Dec 2022 16:04

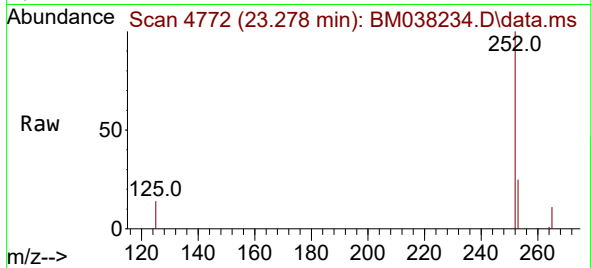
Tgt Ion:228 Resp: 43733
Ion Ratio Lower Upper
228 100
226 31.7 25.0 37.4
229 22.3 16.0 24.0



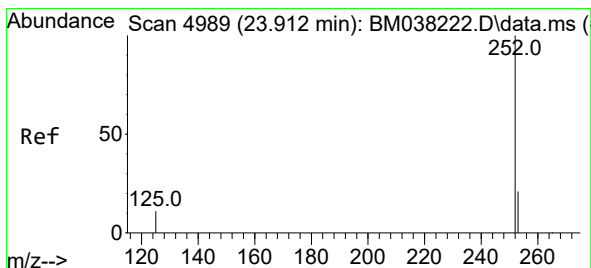
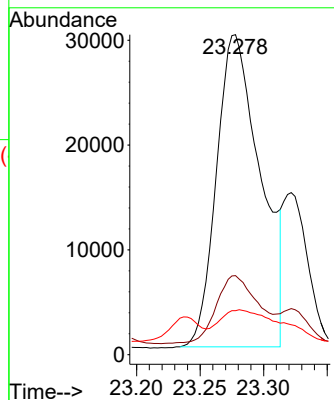


#24
Benzo(b)fluoranthene
Concen: 1.677 ng/ul
RT: 23.278 min Scan# 4770
Delta R.T. 0.006 min
Lab File: BM038234.D
Acq: 23 Dec 2022 16:04

Instrument :
BNA_M
ClientSampleId :

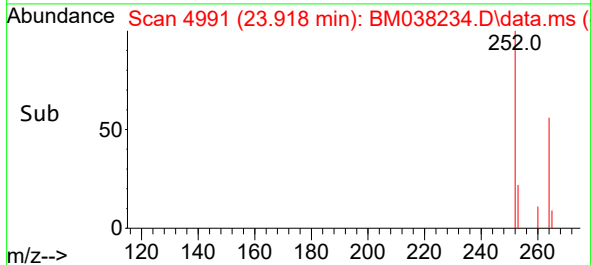
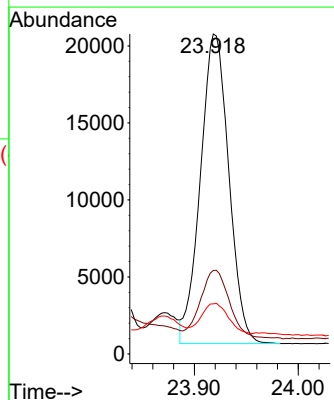
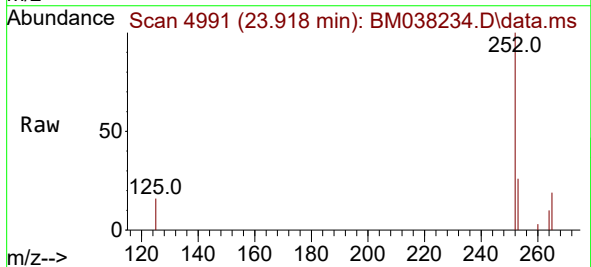


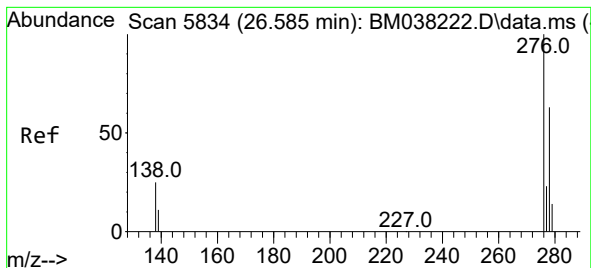
Tgt Ion:252 Resp: 71828
Ion Ratio Lower Upper
252 100
253 24.7 0.0 56.0
125 13.8 0.0 36.6



#26
Benzo(a)pyrene
Concen: 1.022 ng/ul
RT: 23.918 min Scan# 4991
Delta R.T. 0.006 min
Lab File: BM038234.D
Acq: 23 Dec 2022 16:04

Tgt Ion:252 Resp: 38168
Ion Ratio Lower Upper
252 100
253 26.1 24.2 36.4
125 15.6 17.3 25.9#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.539 ng/ul

RT: 26.582 min Scan# 5834

Delta R.T. 0.000 min

Lab File: BM038234.D

Acq: 23 Dec 2022 16:04

Instrument :

BNA_M

ClientSampleId :

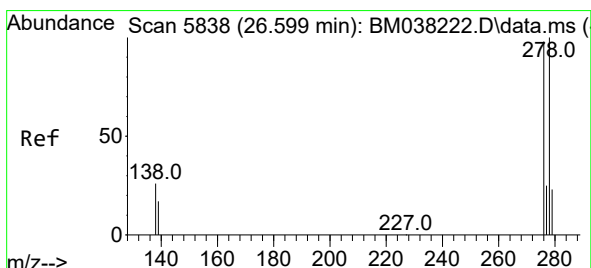
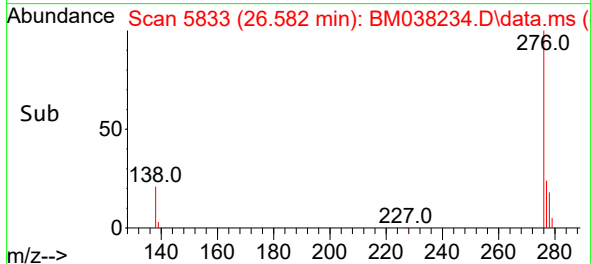
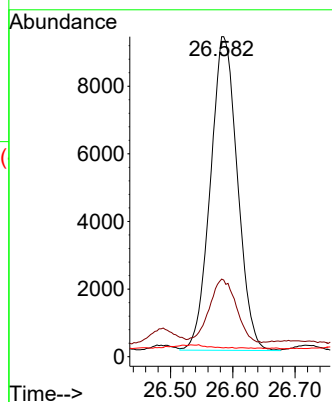
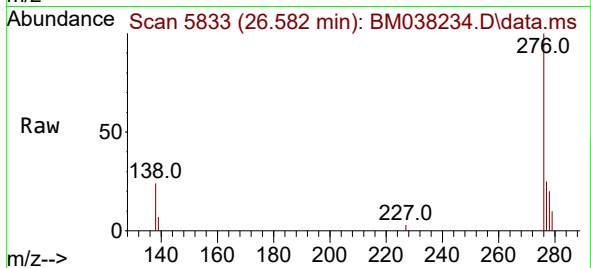
Tgt Ion:276 Resp: 27933

Ion Ratio Lower Upper

276 100

138 20.2 21.7 32.5#

227 0.0 0.0 0.0



#28

Dibenzo(a,h)anthracene

Concen: 0.176 ng/ul

RT: 26.595 min Scan# 5837

Delta R.T. 0.000 min

Lab File: BM038234.D

Acq: 23 Dec 2022 16:04

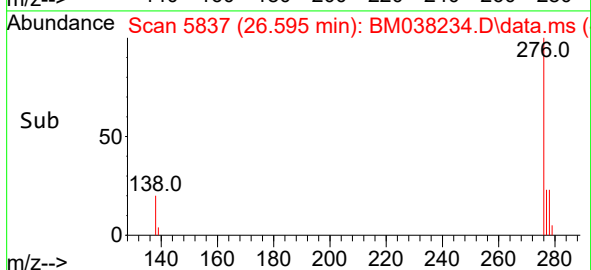
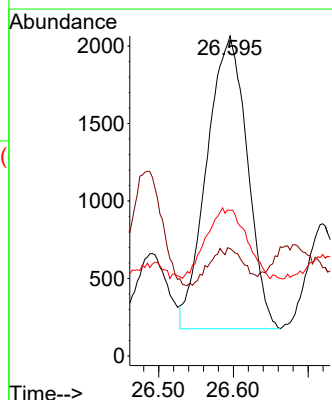
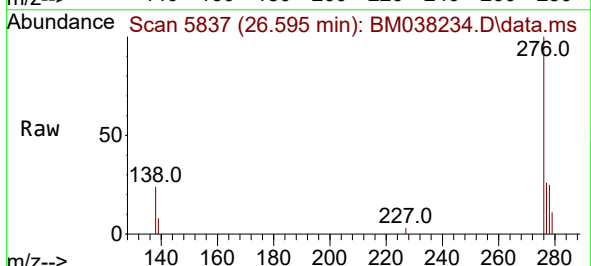
Tgt Ion:278 Resp: 7096

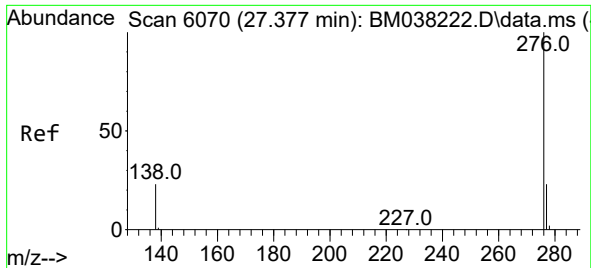
Ion Ratio Lower Upper

278 100

139 33.6 16.8 25.2#

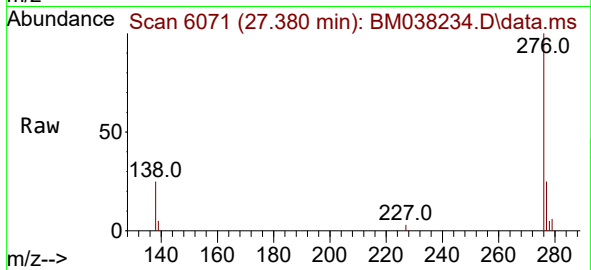
279 45.5 23.4 35.2#





#29
 Benzo(g,h,i)perylene
 Concen: 0.625 ng/ul
 RT: 27.380 min Scan# 6071
 Delta R.T. 0.010 min
 Lab File: BM038234.D
 Acq: 23 Dec 2022 16:04

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion:	276	Resp:	27263
Ion Ratio	Lower	Upper	
276	100		
138	25.3	20.8	31.2
277	25.4	20.5	30.7

