

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038269.D
 Acq On : 24 Dec 2022 13:44
 Operator : CG/JU
 Sample : N6018-20
 Misc :
 ALS Vial : 77 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 25 02:55:59 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)

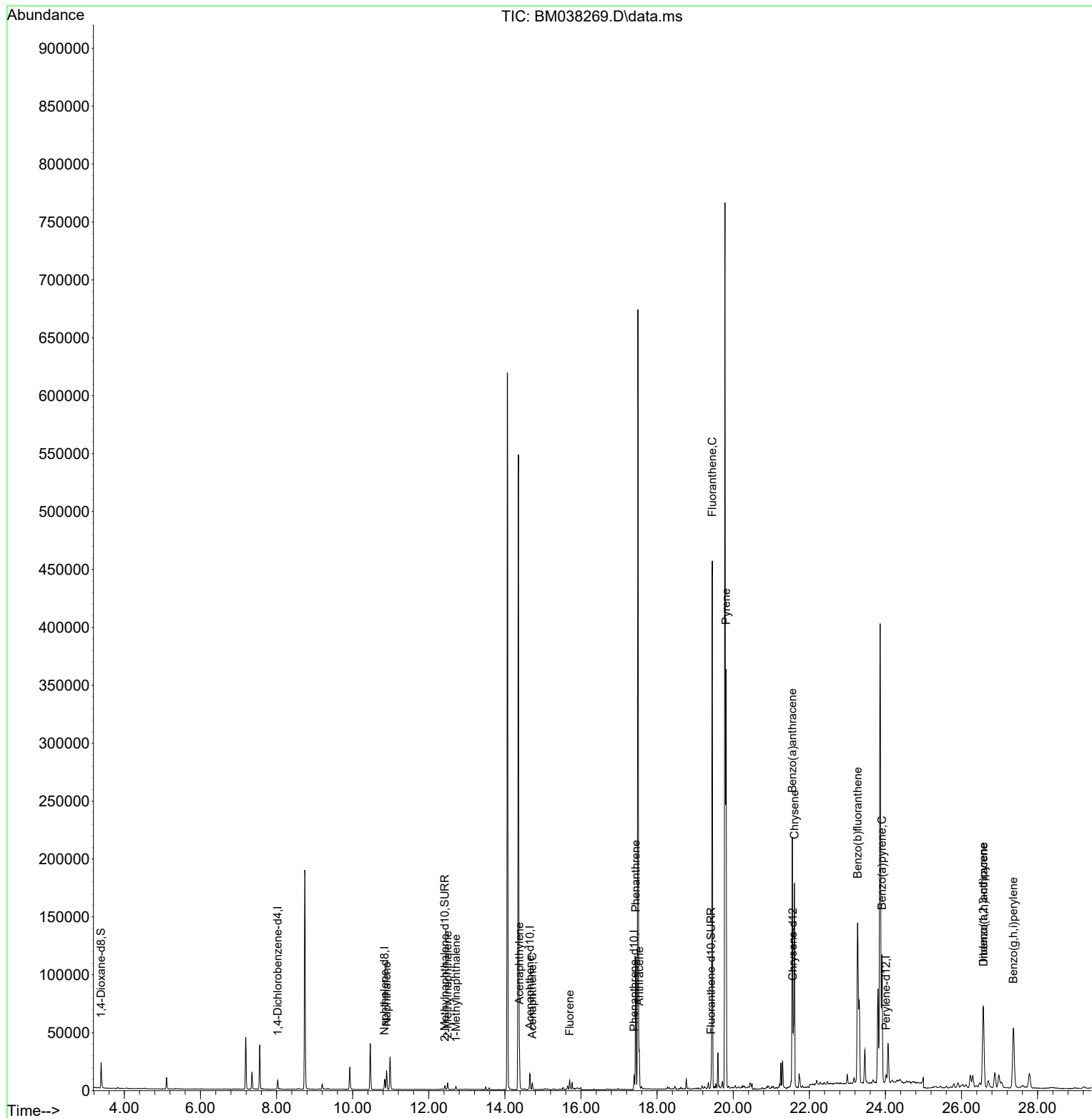
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.030	152	3986	0.400	ng/ul	0.00
4) Naphthalene-d8	10.840	136	11758	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.657	164	7015	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.396	188	13589	0.400	ng/ul	0.00
17) Chrysene-d12	21.571	240	9817	0.400	ng/ul	0.00
23) Perylene-d12	24.018	264	9177	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.389	96	13547	3.341	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.423	152	4073	0.235	ng/ul	0.00
18) Fluoranthene-d10	19.417	212	8100	0.220	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.889	128	21126	0.613	ng/ul	99
7) 2-Methylnaphthalene	12.495	142	3688	0.172	ng/ul	100
8) 1-Methylnaphthalene	12.715	142	1712	0.078	ng/ul	98
10) Acenaphthylene	14.384	152	35944	0.928	ng/ul	99
11) Acenaphthene	14.717	153	3491	0.126	ng/ul	97
12) Fluorene	15.702	166	5125	0.171	ng/ul	98
15) Phenanthrene	17.438	178	117167	2.576	ng/ul	99
16) Anthracene	17.531	178	32682	0.748	ng/ul	99
19) Fluoranthene	19.450	202	383457	7.130	ng/ul	96
20) Pyrene	19.812	202	292271	5.378	ng/ul	95
21) Benzo(a)anthracene	21.553	228	180955	4.202	ng/ul	97
22) Chrysene	21.609	228	175199	4.180	ng/ul	99
24) Benzo(b)fluoranthene	23.269	252	253971	6.252	ng/ul	87
26) Benzo(a)pyrene	23.909	252	155756	4.395	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.572	276	119845	2.438	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.579	278	28860	0.756	ng/ul	98
29) Benzo(g,h,i)perylene	27.363	276	116166	2.808	ng/ul	94

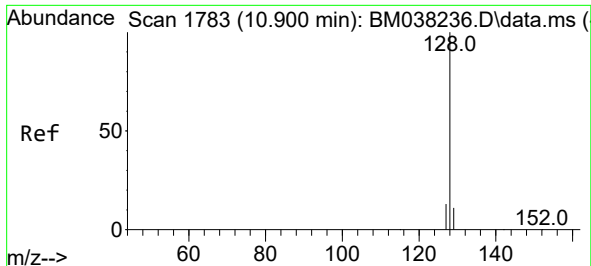
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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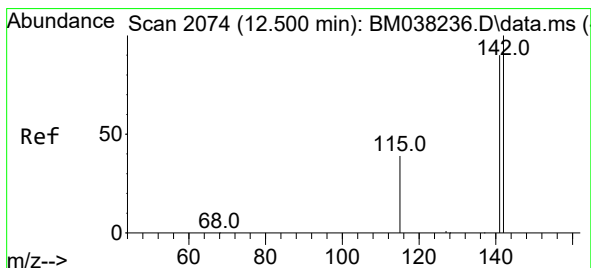
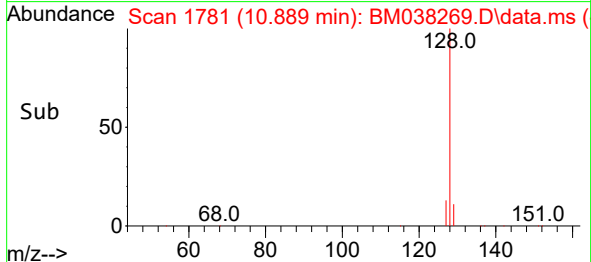
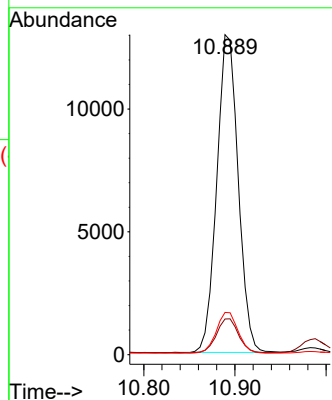
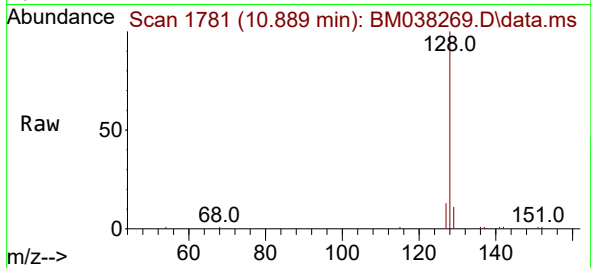




#5
Naphthalene
Concen: 0.613 ng/ul
RT: 10.889 min Scan# 1781
Delta R.T. -0.005 min
Lab File: BM038269.D
Acq: 24 Dec 2022 13:44

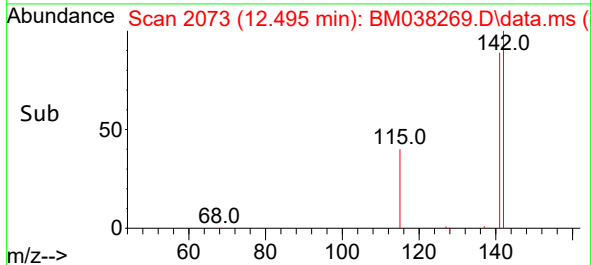
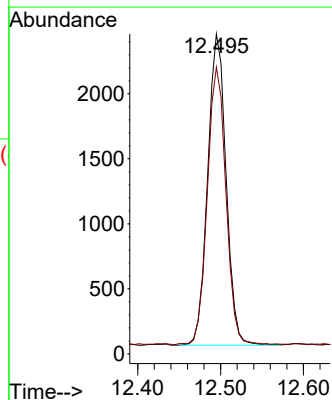
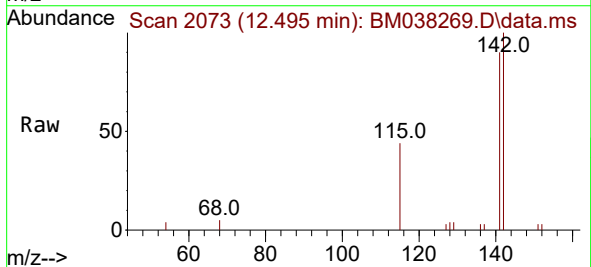
Instrument :
BNA_M
ClientSampleId :

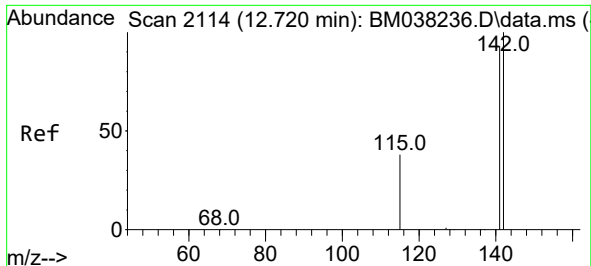
Tgt Ion:128 Resp: 21126
Ion Ratio Lower Upper
128 100
129 11.2 9.4 14.0
127 13.2 10.7 16.1



#7
2-Methylnaphthalene
Concen: 0.172 ng/ul
RT: 12.495 min Scan# 2073
Delta R.T. 0.000 min
Lab File: BM038269.D
Acq: 24 Dec 2022 13:44

Tgt Ion:142 Resp: 3688
Ion Ratio Lower Upper
142 100
141 89.8 71.9 107.9

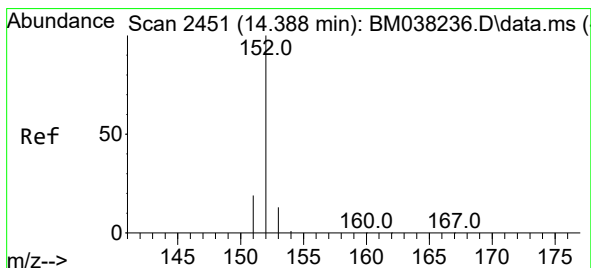
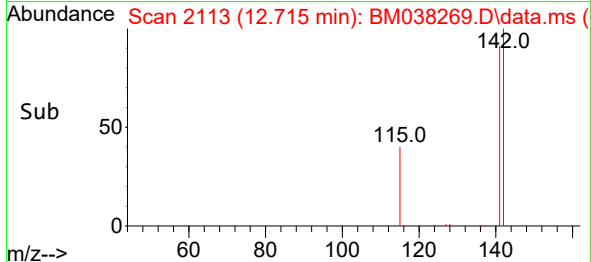
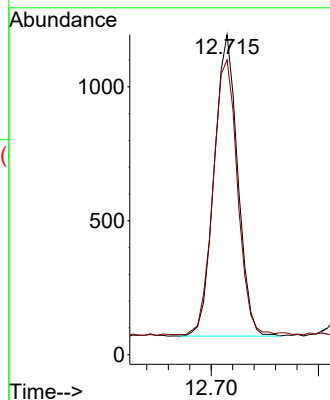
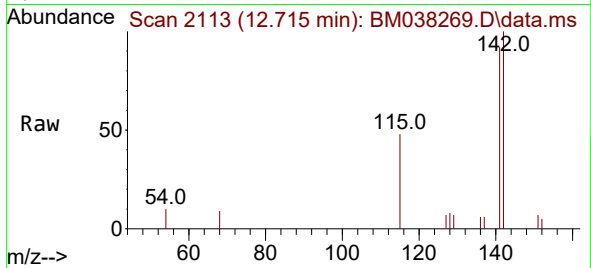




#8
1-Methylnaphthalene
Concen: 0.078 ng/ul
RT: 12.715 min Scan# 2113
Delta R.T. 0.000 min
Lab File: BM038269.D
Acq: 24 Dec 2022 13:44

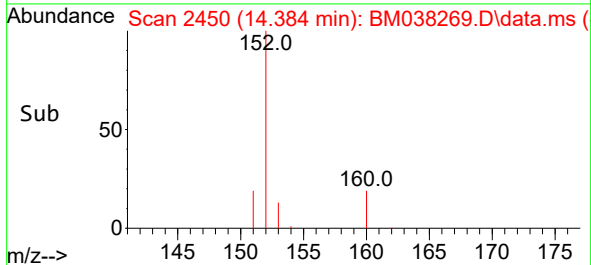
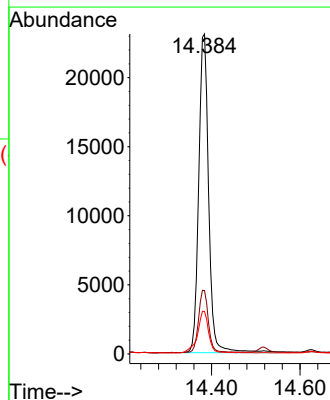
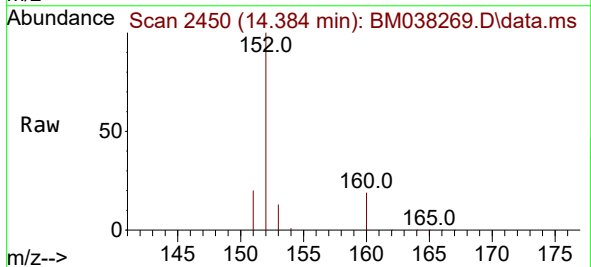
Instrument :
BNA_M
ClientSampleId :

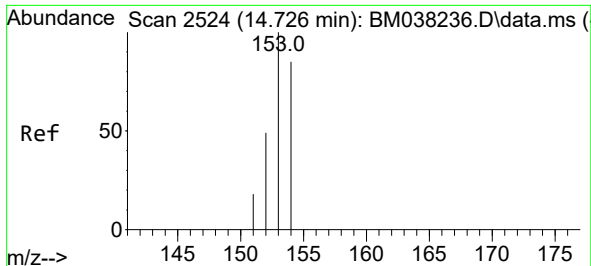
Tgt Ion:142 Resp: 1712
Ion Ratio Lower Upper
142 100
141 94.9 74.7 112.1



#10
Acenaphthylene
Concen: 0.928 ng/ul
RT: 14.384 min Scan# 2450
Delta R.T. 0.005 min
Lab File: BM038269.D
Acq: 24 Dec 2022 13:44

Tgt Ion:152 Resp: 35944
Ion Ratio Lower Upper
152 100
151 19.8 16.2 24.2
153 13.2 10.7 16.1

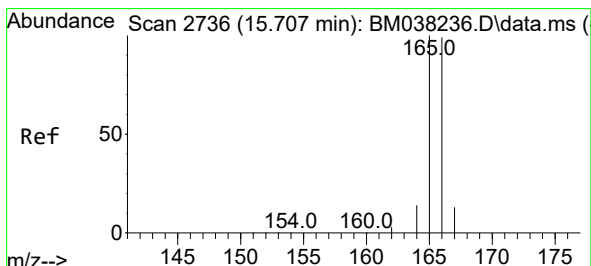
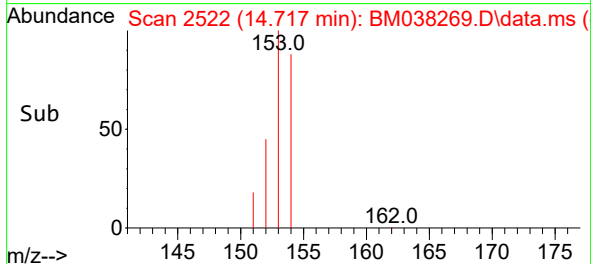
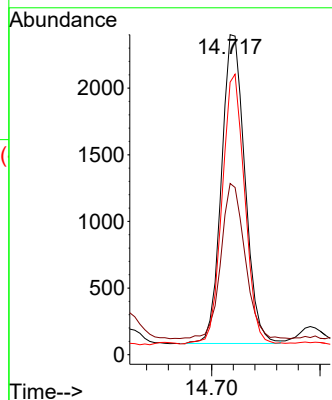
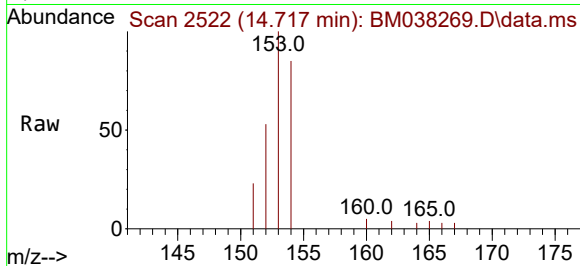




#11
Acenaphthene
Concen: 0.126 ng/ul
RT: 14.717 min Scan# 21
Delta R.T. -0.004 min
Lab File: BM038269.D
Acq: 24 Dec 2022 13:44

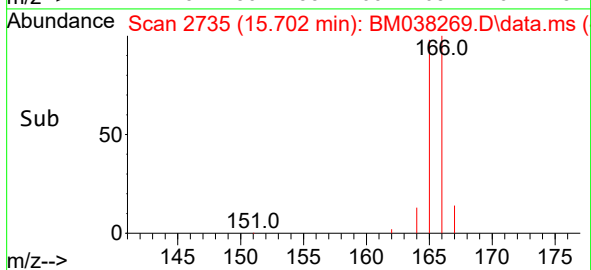
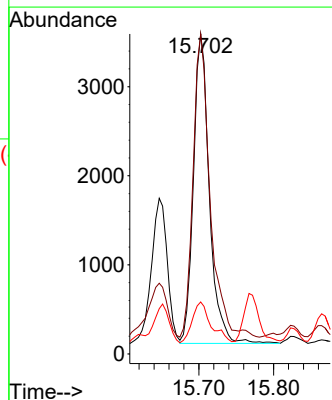
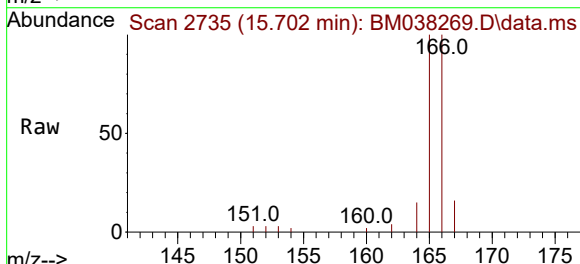
Instrument :
BNA_M
ClientSampleId :

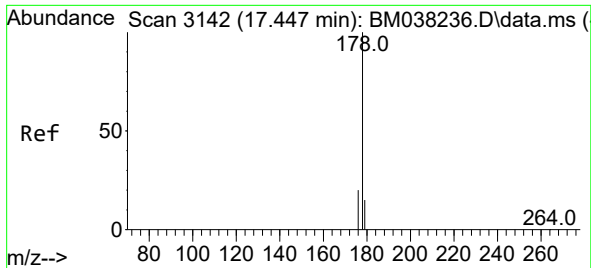
Tgt Ion:153 Resp: 3491
Ion Ratio Lower Upper
153 100
152 53.5 39.4 59.0
154 85.1 69.0 103.4



#12
Fluorene
Concen: 0.171 ng/ul
RT: 15.702 min Scan# 2735
Delta R.T. 0.000 min
Lab File: BM038269.D
Acq: 24 Dec 2022 13:44

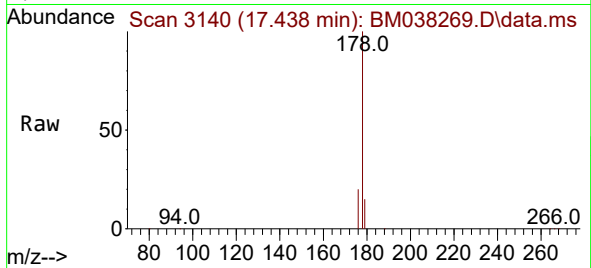
Tgt Ion:166 Resp: 5125
Ion Ratio Lower Upper
166 100
165 100.1 79.0 118.6
167 16.2 11.0 16.6



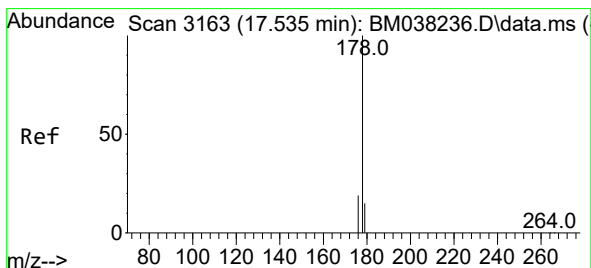
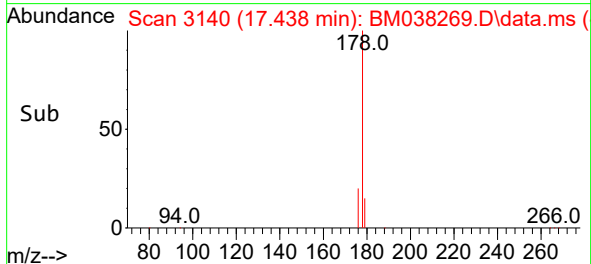
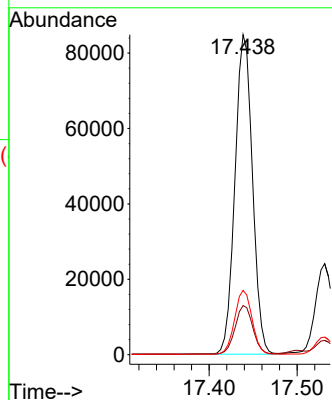


#15
Phenanthrene
Concen: 2.576 ng/ul
RT: 17.438 min Scan# 3140
Delta R.T. 0.000 min
Lab File: BM038269.D
Acq: 24 Dec 2022 13:44

Instrument :
BNA_M
ClientSampleId :

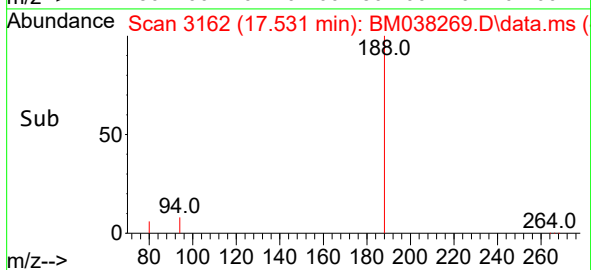
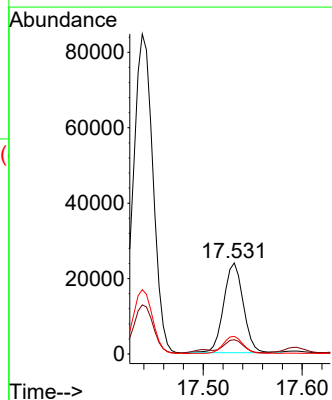
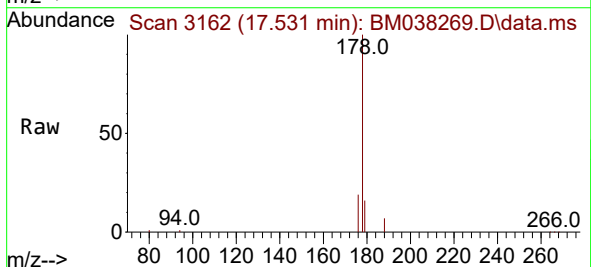


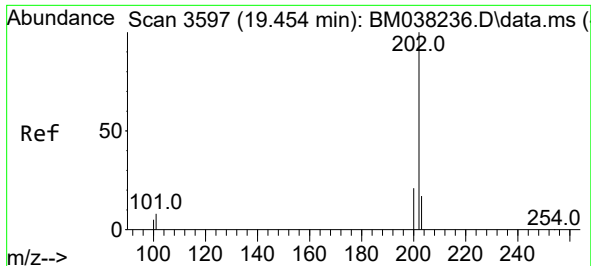
Tgt Ion:178 Resp: 117167
Ion Ratio Lower Upper
178 100
179 15.3 13.0 19.4
176 20.1 16.2 24.4



#16
Anthracene
Concen: 0.748 ng/ul
RT: 17.531 min Scan# 3162
Delta R.T. 0.000 min
Lab File: BM038269.D
Acq: 24 Dec 2022 13:44

Tgt Ion:178 Resp: 32682
Ion Ratio Lower Upper
178 100
179 15.7 13.0 19.6
176 19.4 15.6 23.4

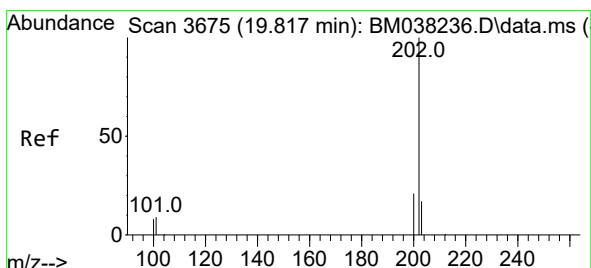
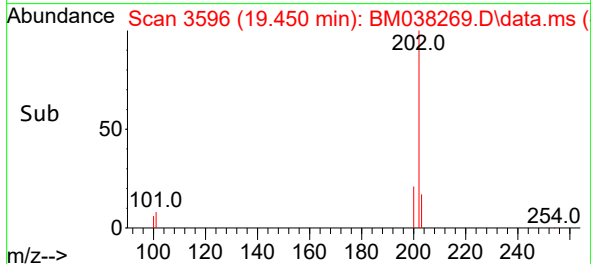
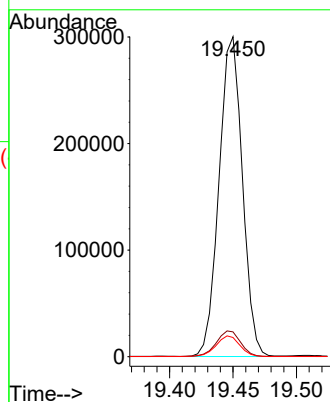
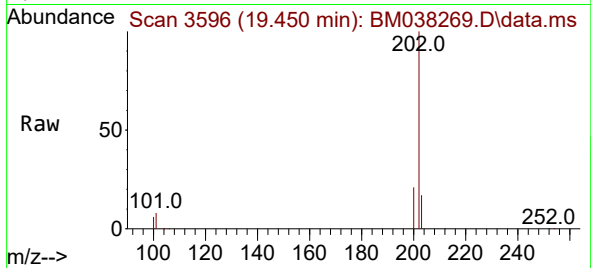




#19
Fluoranthene
Concen: 7.130 ng/ul
RT: 19.450 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM038269.D
Acq: 24 Dec 2022 13:44

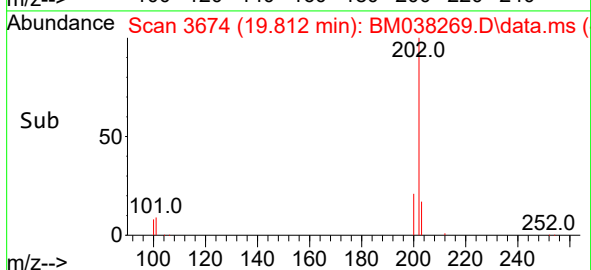
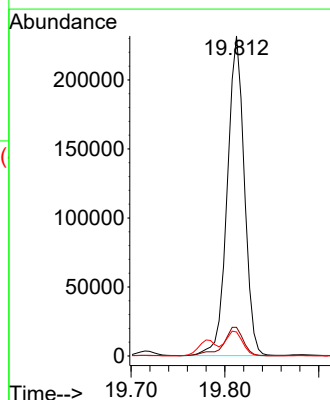
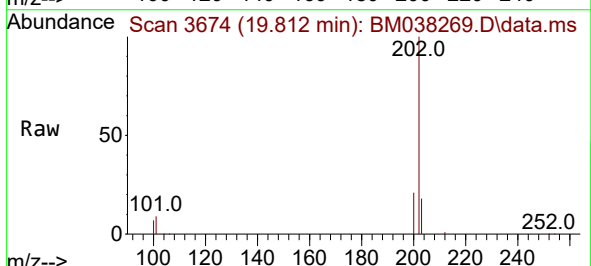
Instrument :
BNA_M
ClientSampleId :

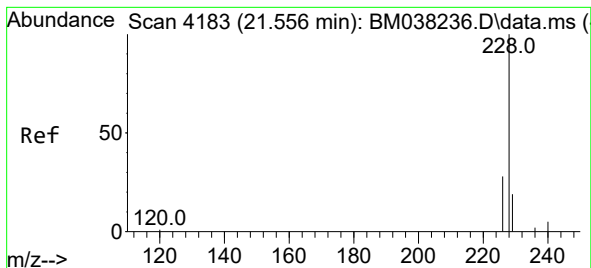
Tgt Ion:202 Resp: 383457
Ion Ratio Lower Upper
202 100
101 7.7 7.5 11.3
100 6.0 5.6 8.4



#20
Pyrene
Concen: 5.378 ng/ul
RT: 19.812 min Scan# 3674
Delta R.T. 0.000 min
Lab File: BM038269.D
Acq: 24 Dec 2022 13:44

Tgt Ion:202 Resp: 292271
Ion Ratio Lower Upper
202 100
101 9.0 8.9 13.3
100 7.5 7.4 11.0





#21

Benzo(a)anthracene

Concen: 4.202 ng/ul

RT: 21.553 min Scan# 41

Delta R.T. 0.003 min

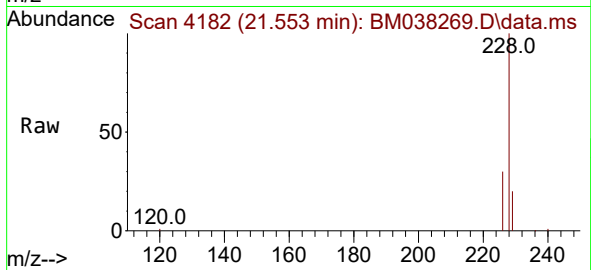
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Acq: 24 Dec 2022 13:44

Instrument :

BNA_M

ClientSampleId :



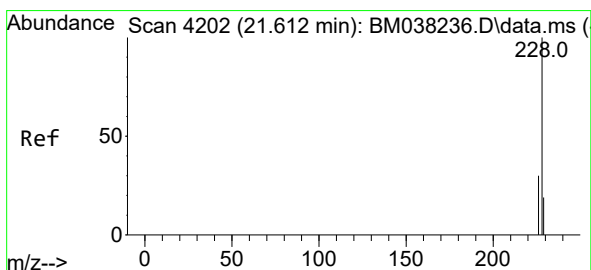
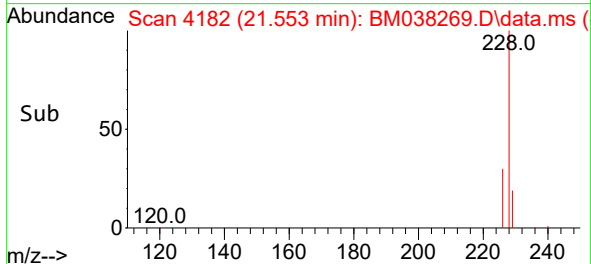
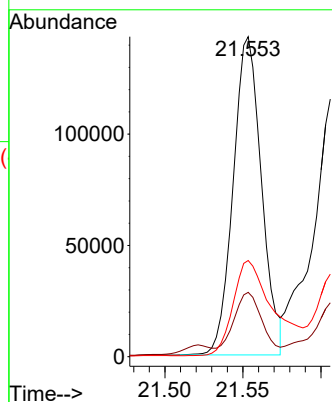
Tgt Ion:228 Resp: 180955

Ion Ratio Lower Upper

228 100

229 20.1 15.5 23.3

226 30.0 22.2 33.2



#22

Chrysene

Concen: 4.180 ng/ul

RT: 21.609 min Scan# 4201

Delta R.T. 0.003 min

Lab File: BM038269.D

Acq: 24 Dec 2022 13:44

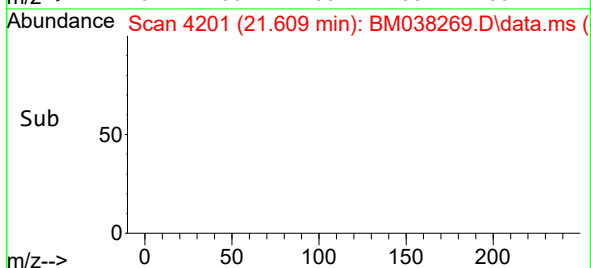
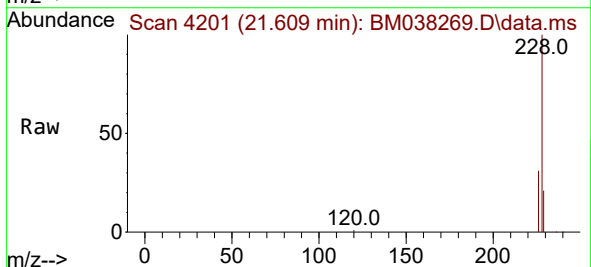
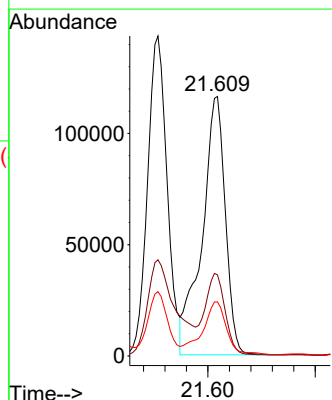
Tgt Ion:228 Resp: 175199

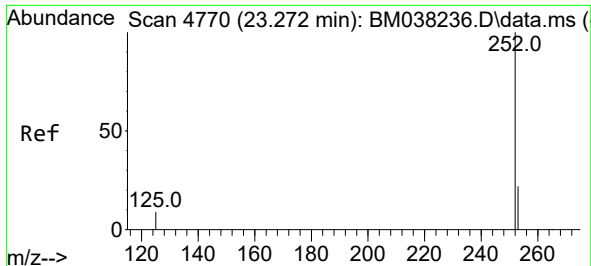
Ion Ratio Lower Upper

228 100

226 31.2 25.0 37.4

229 20.9 16.0 24.0

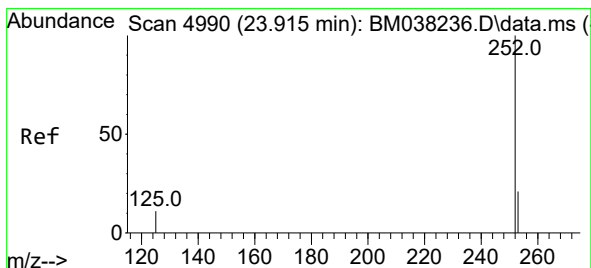
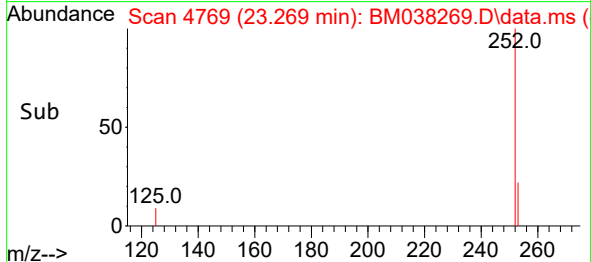
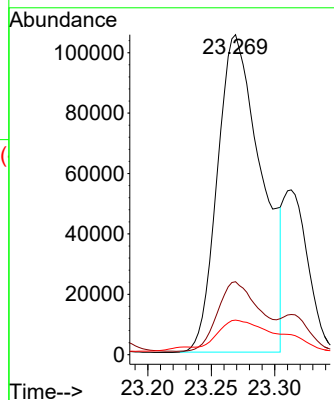
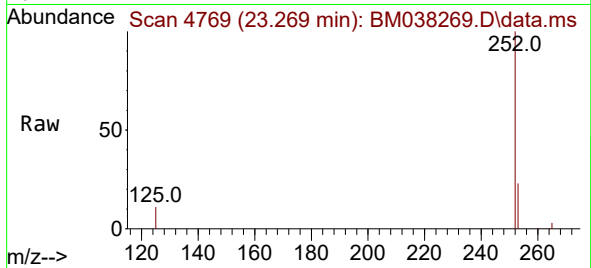




#24
Benzo(b)fluoranthene
Concen: 6.252 ng/ul
RT: 23.269 min Scan# 41
Delta R.T. 0.003 min
Lab File: BM038269.D
Acq: 24 Dec 2022 13:44

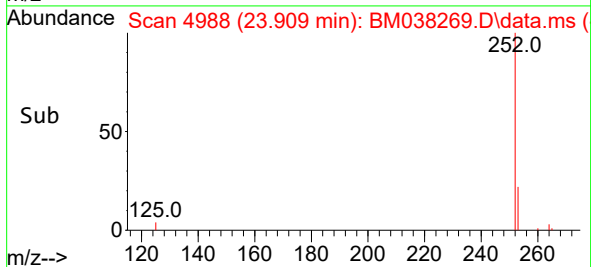
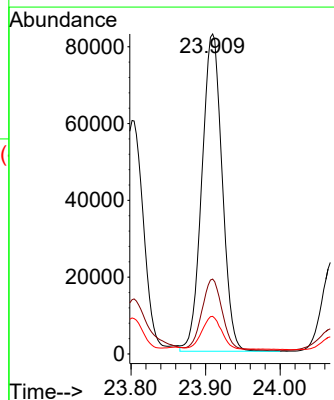
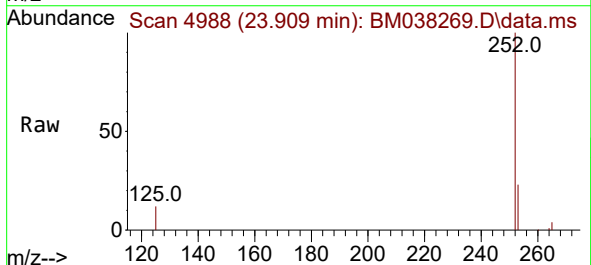
Instrument :
BNA_M
ClientSampleId :

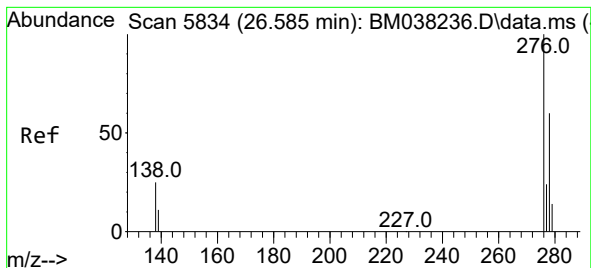
Tgt Ion:252 Resp: 253971
Ion Ratio Lower Upper
252 100
253 22.8 0.0 56.0
125 10.8 0.0 36.6



#26
Benzo(a)pyrene
Concen: 4.395 ng/ul
RT: 23.909 min Scan# 4988
Delta R.T. 0.003 min
Lab File: BM038269.D
Acq: 24 Dec 2022 13:44

Tgt Ion:252 Resp: 155756
Ion Ratio Lower Upper
252 100
253 23.4 24.2 36.4#
125 11.8 17.3 25.9#





#27

Indeno(1,2,3-cd)pyrene

Concen: 2.438 ng/ul

RT: 26.572 min Scan# 5830

Delta R.T. 0.004 min

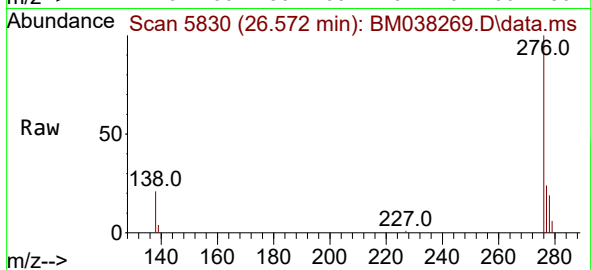
Lab File: BM038269.D

Acq: 24 Dec 2022 13:44

Instrument :

BNA_M

ClientSampleId :



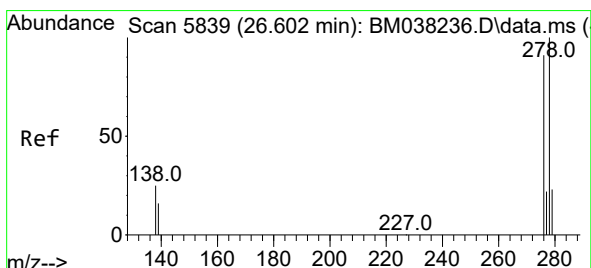
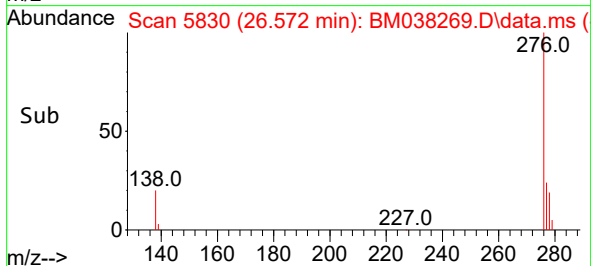
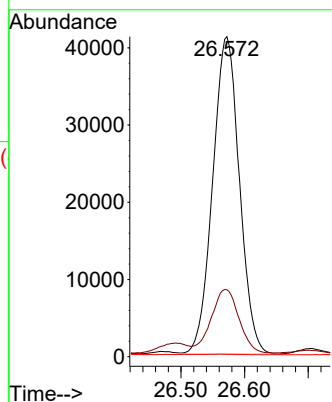
Tgt Ion:276 Resp: 119845

Ion Ratio Lower Upper

276 100

138 21.0 21.7 32.5#

227 0.2 0.0 0.0#



#28

Dibenzo(a,h)anthracene

Concen: 0.756 ng/ul

RT: 26.579 min Scan# 5832

Delta R.T. -0.010 min

Lab File: BM038269.D

Acq: 24 Dec 2022 13:44

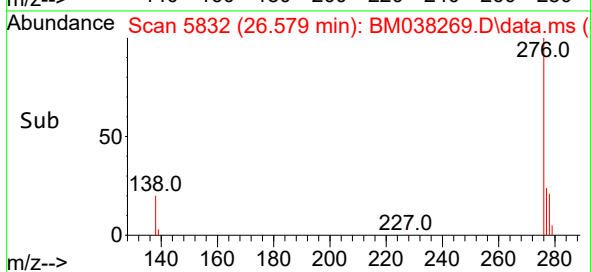
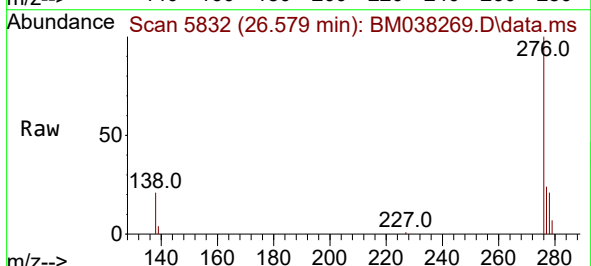
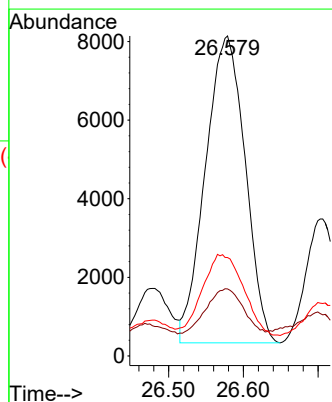
Tgt Ion:278 Resp: 28860

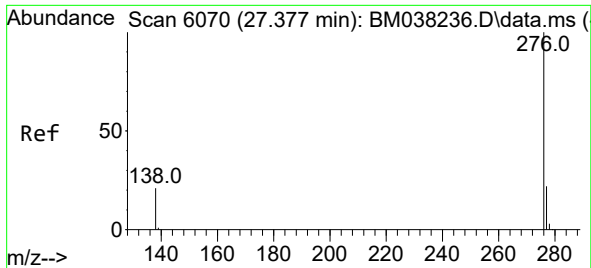
Ion Ratio Lower Upper

278 100

139 21.0 16.8 25.2

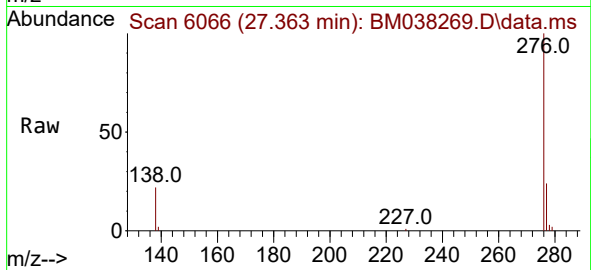
279 30.8 23.4 35.2





#29
 Benzo(g,h,i)perylene
 Concen: 2.808 ng/ul
 RT: 27.363 min Scan# 60
 Delta R.T. 0.004 min
 Lab File: BM038269.D
 Acq: 24 Dec 2022 13:44

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion:276 Resp: 116166
 Ion Ratio Lower Upper
 276 100
 138 21.6 20.8 31.2
 277 24.1 20.5 30.7

