

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038229.D
 Acq On : 23 Dec 2022 12:58
 Operator : CG/JU
 Sample : N6014-14DL 5X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 23 23:22:58 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)

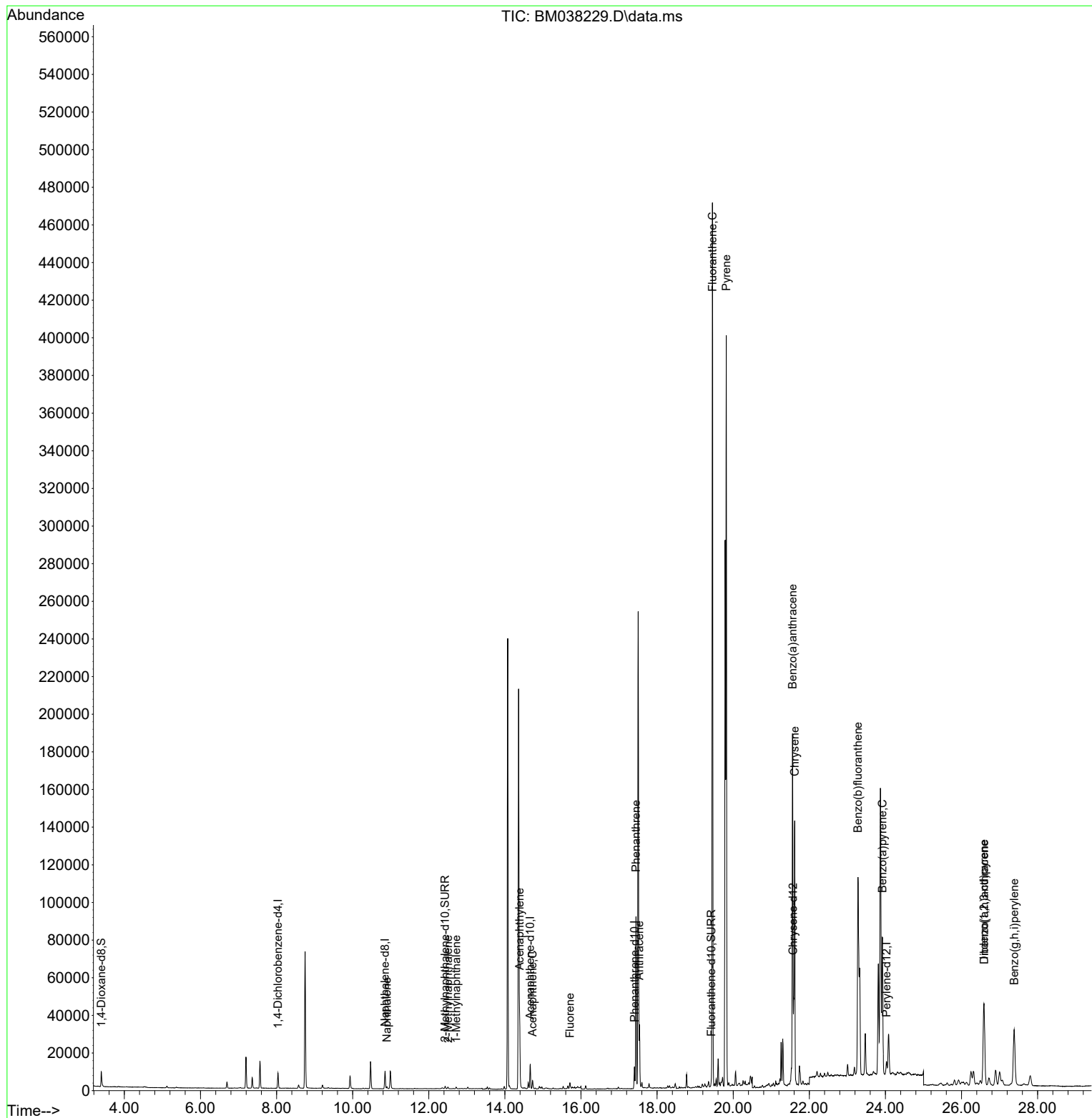
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.038	152	4094	0.400	ng/ul	0.00
4) Naphthalene-d8	10.850	136	12338	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.666	164	6920	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.405	188	13885	0.400	ng/ul	0.00
17) Chrysene-d12	21.577	240	9071	0.400	ng/ul	# 0.00
23) Perylene-d12	24.029	264	9532	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.397	96	5333	1.281	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.429	152	1652	0.091	ng/ul	0.00
18) Fluoranthene-d10	19.422	212	2942	0.086	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.900	128	1323	0.037	ng/ul#	83
7) 2-Methylnaphthalene	12.506	142	560	0.025	ng/ul	100
8) 1-Methylnaphthalene	12.720	142	557	0.024	ng/ul	97
10) Acenaphthylene	14.388	152	42832	1.121	ng/ul	99
11) Acenaphthene	14.726	153	2242	0.082	ng/ul	96
12) Fluorene	15.711	166	2277	0.077	ng/ul#	98
15) Phenanthrene	17.447	178	90142	1.940	ng/ul	99
16) Anthracene	17.535	178	33956	0.761	ng/ul	100
19) Fluoranthene	19.454	202	385219	7.751	ng/ul	97
20) Pyrene	19.817	202	323900	6.450	ng/ul	97
21) Benzo(a)anthracene	21.559	228	152700	3.838	ng/ul	98
22) Chrysene	21.615	228	139385	3.599	ng/ul	98
24) Benzo(b)fluoranthene	23.278	252	192864	4.571	ng/ul	89
26) Benzo(a)pyrene	23.921	252	107061	2.908	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.589	276	74403	1.457	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.595	278	18626	0.470	ng/ul#	90
29) Benzo(g,h,i)perylene	27.383	276	66558	1.549	ng/ul	96

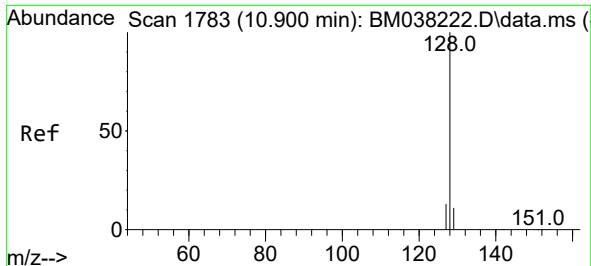
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
Data File : BM038229.D
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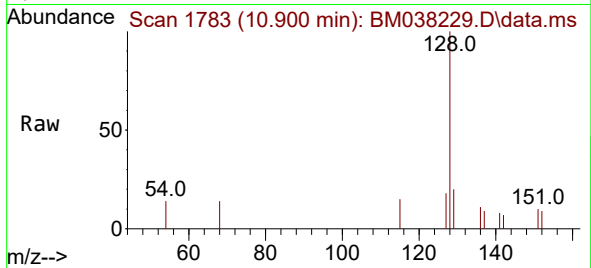
Quant Time: Dec 23 23:22:58 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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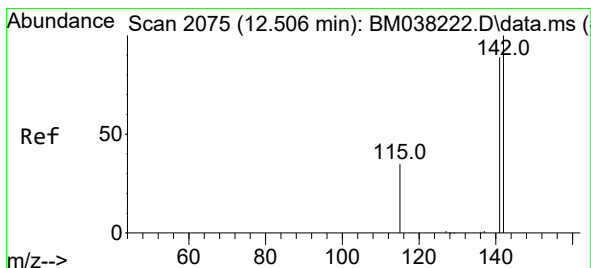
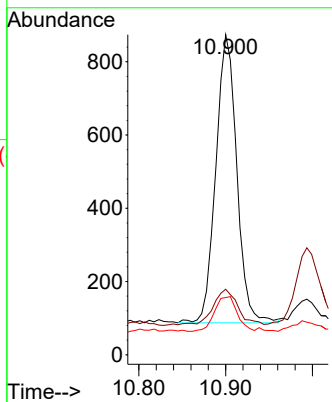
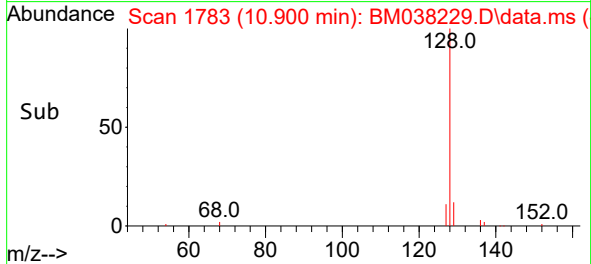


#5
Naphthalene
Concen: 0.037 ng/ul
RT: 10.900 min Scan# 1783
Delta R.T. -0.005 min
Lab File: BM038229.D
Acq: 23 Dec 2022 12:58

Instrument :
BNA_M
ClientSampleId :

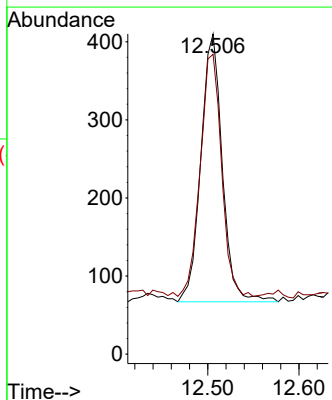
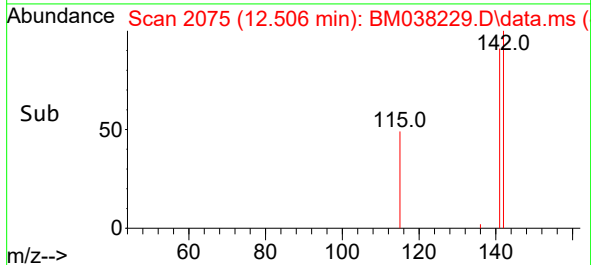
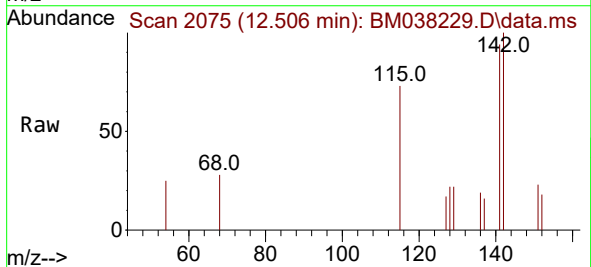


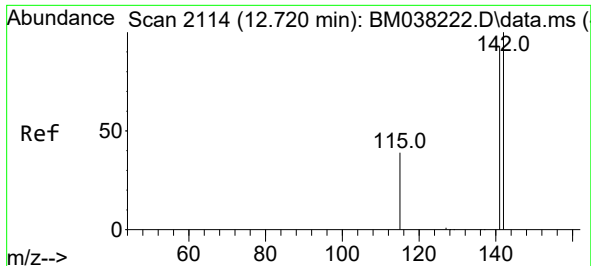
Tgt Ion:128 Resp: 1323
Ion Ratio Lower Upper
128 100
129 20.5 9.4 14.0#
127 17.8 10.7 16.1#



#7
2-Methylnaphthalene
Concen: 0.025 ng/ul
RT: 12.506 min Scan# 2075
Delta R.T. 0.000 min
Lab File: BM038229.D
Acq: 23 Dec 2022 12:58

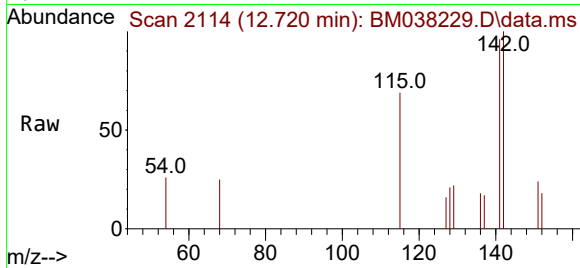
Tgt Ion:142 Resp: 560
Ion Ratio Lower Upper
142 100
141 90.0 71.9 107.9



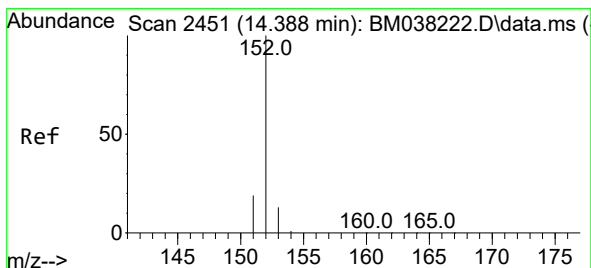
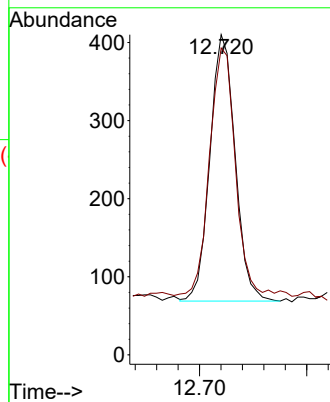
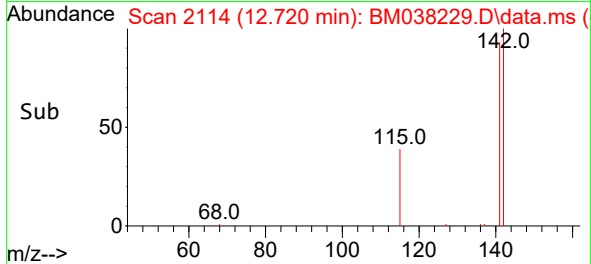


#8
1-Methylnaphthalene
Concen: 0.024 ng/ul
RT: 12.720 min Scan# 2114
Delta R.T. -0.005 min
Lab File: BM038229.D
Acq: 23 Dec 2022 12:58

Instrument :
BNA_M
ClientSampleId :

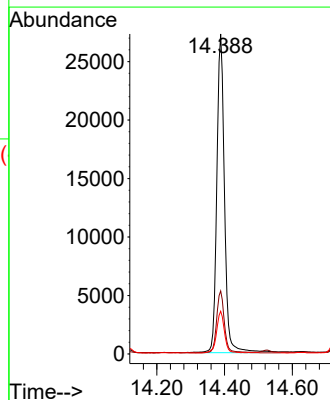
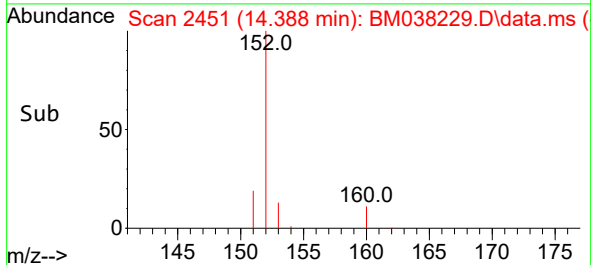
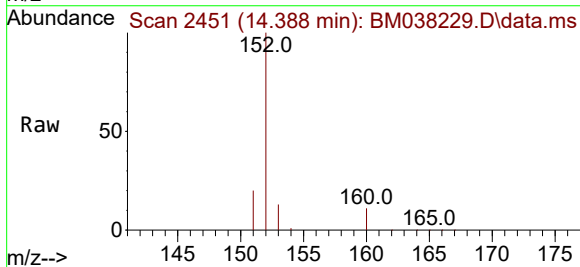


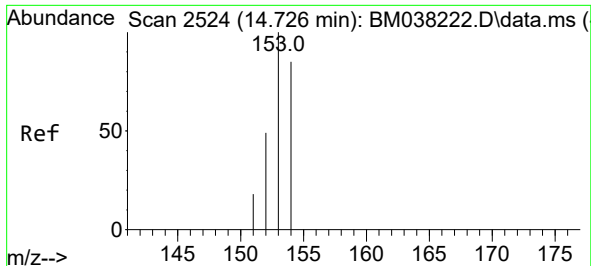
Tgt Ion:142 Resp: 557
Ion Ratio Lower Upper
142 100
141 96.1 74.7 112.1



#10
Acenaphthylene
Concen: 1.121 ng/ul
RT: 14.388 min Scan# 2451
Delta R.T. 0.000 min
Lab File: BM038229.D
Acq: 23 Dec 2022 12:58

Tgt Ion:152 Resp: 42832
Ion Ratio Lower Upper
152 100
151 19.7 16.2 24.2
153 13.3 10.7 16.1

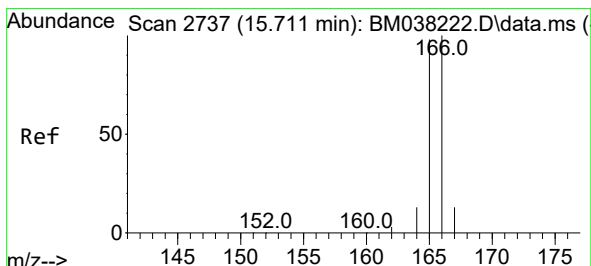
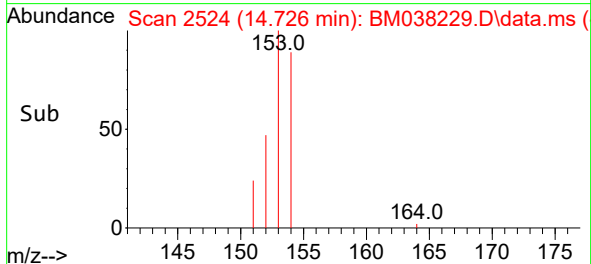
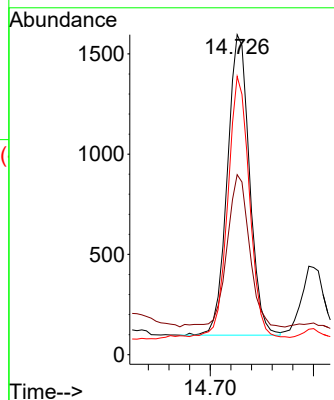
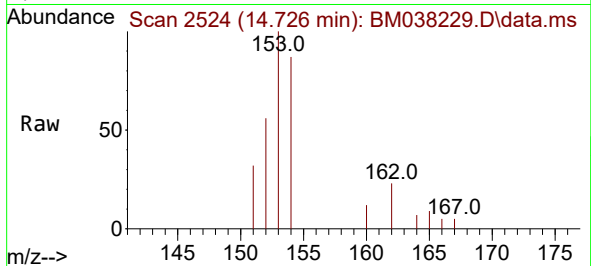




#11
Acenaphthene
Concen: 0.082 ng/ul
RT: 14.726 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM038229.D
Acq: 23 Dec 2022 12:58

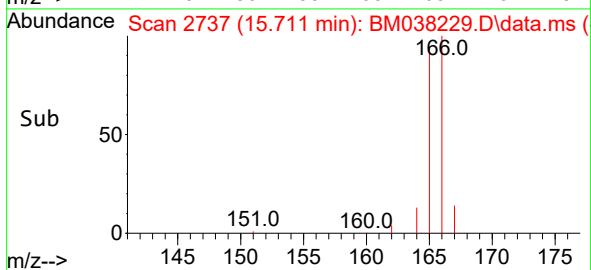
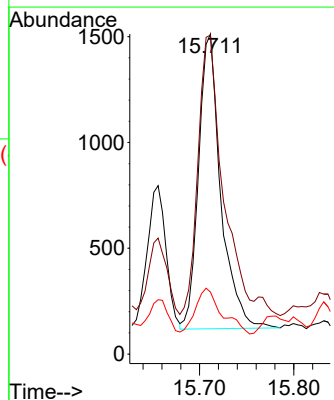
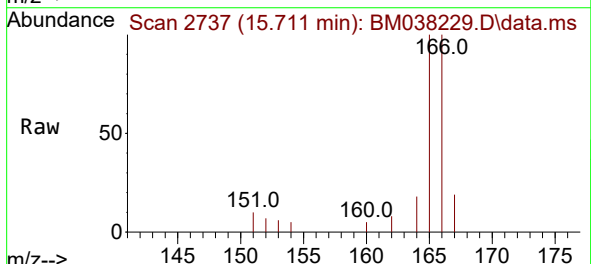
Instrument :
BNA_M
ClientSampleId :

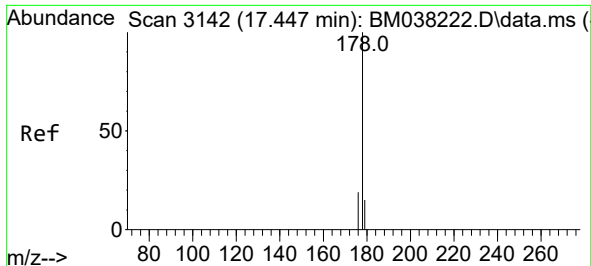
Tgt Ion:153 Resp: 2242
Ion Ratio Lower Upper
153 100
152 56.3 39.4 59.0
154 87.0 69.0 103.4



#12
Fluorene
Concen: 0.077 ng/ul
RT: 15.711 min Scan# 2737
Delta R.T. 0.000 min
Lab File: BM038229.D
Acq: 23 Dec 2022 12:58

Tgt Ion:166 Resp: 2277
Ion Ratio Lower Upper
166 100
165 99.7 79.0 118.6
167 19.4 11.0 16.6#

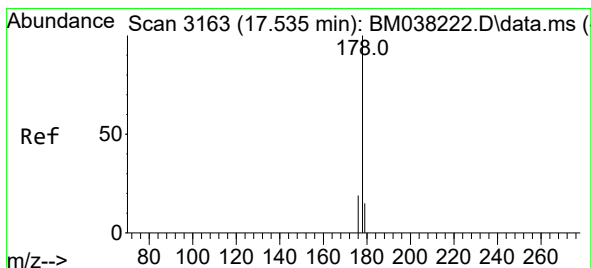
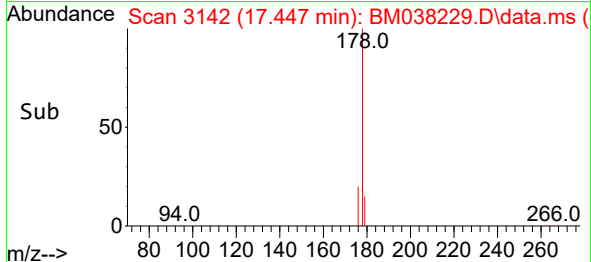
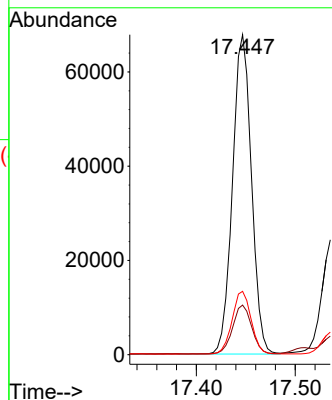
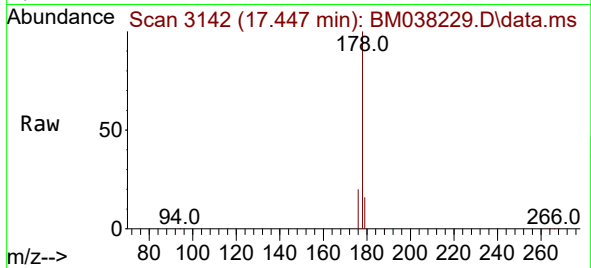




#15
Phenanthrene
Concen: 1.940 ng/ul
RT: 17.447 min Scan# 3142
Delta R.T. 0.000 min
Lab File: BM038229.D
Acq: 23 Dec 2022 12:58

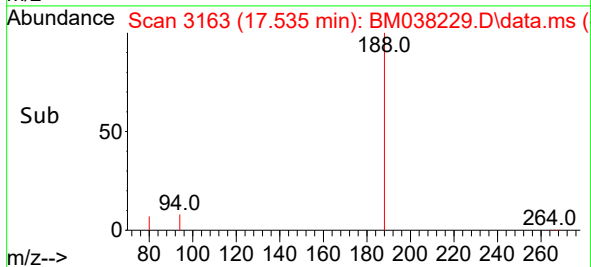
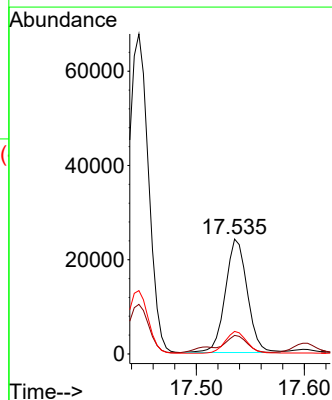
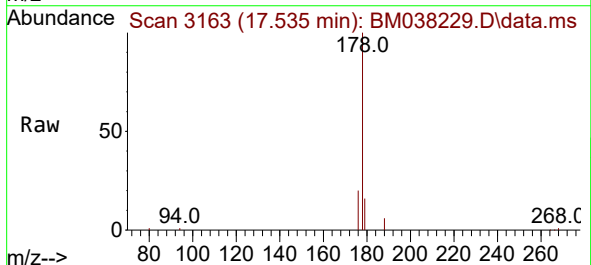
Instrument :
BNA_M
ClientSampleId :

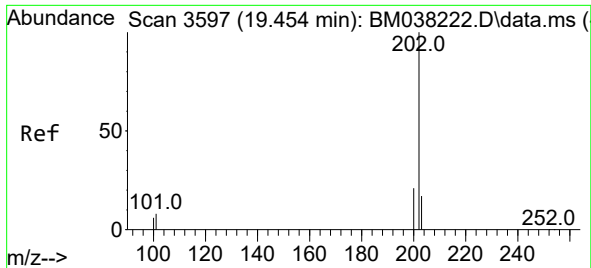
Tgt Ion:178 Resp: 90142
Ion Ratio Lower Upper
178 100
179 15.5 13.0 19.4
176 19.8 16.2 24.4



#16
Anthracene
Concen: 0.761 ng/ul
RT: 17.535 min Scan# 3163
Delta R.T. -0.004 min
Lab File: BM038229.D
Acq: 23 Dec 2022 12:58

Tgt Ion:178 Resp: 33956
Ion Ratio Lower Upper
178 100
179 16.2 13.0 19.6
176 19.6 15.6 23.4

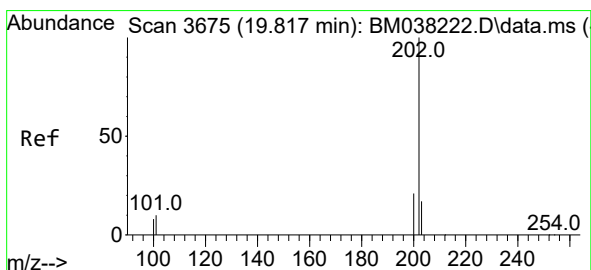
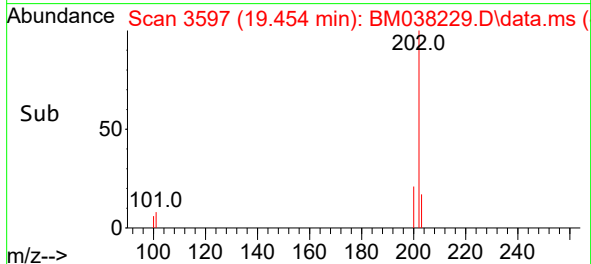
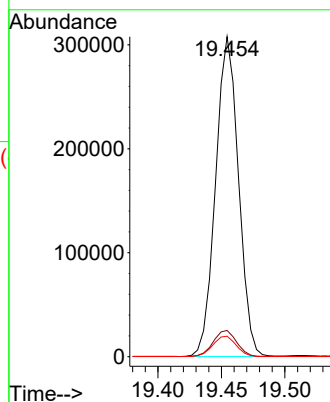
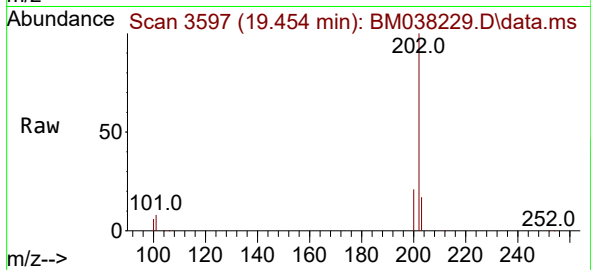




#19
Fluoranthene
Concen: 7.751 ng/ul
RT: 19.454 min Scan# 3597
Delta R.T. 0.000 min
Lab File: BM038229.D
Acq: 23 Dec 2022 12:58

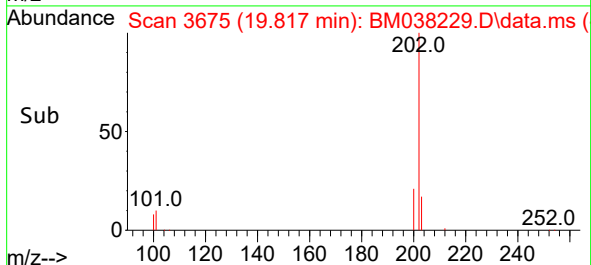
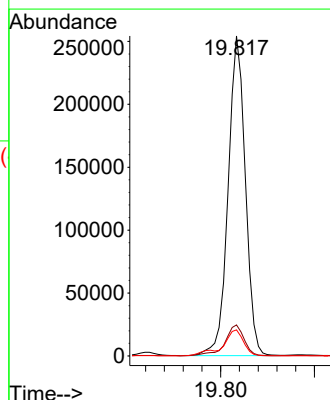
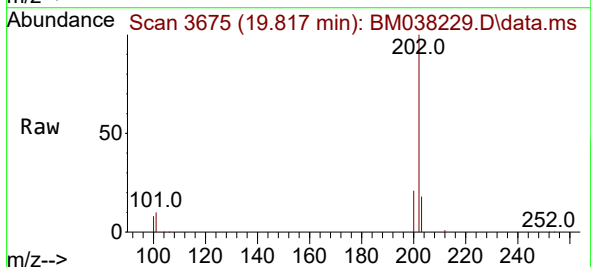
Instrument :
BNA_M
ClientSampleId :

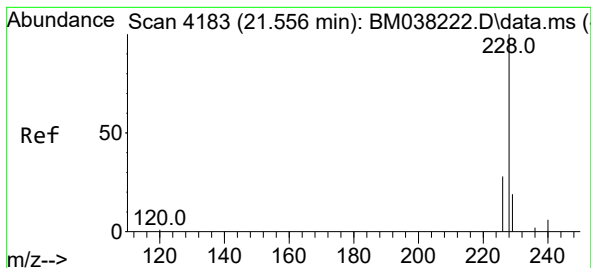
Tgt Ion:202 Resp: 385219
Ion Ratio Lower Upper
202 100
101 8.2 7.5 11.3
100 6.4 5.6 8.4



#20
Pyrene
Concen: 6.450 ng/ul
RT: 19.817 min Scan# 3675
Delta R.T. 0.000 min
Lab File: BM038229.D
Acq: 23 Dec 2022 12:58

Tgt Ion:202 Resp: 323900
Ion Ratio Lower Upper
202 100
101 9.7 8.9 13.3
100 8.2 7.4 11.0





#21

Benzo(a)anthracene

Concen: 3.838 ng/ul

RT: 21.559 min Scan# 41

Delta R.T. 0.000 min

Lab File: BM038229.D

Acq: 23 Dec 2022 12:58

Instrument :

BNA_M

ClientSampleId :

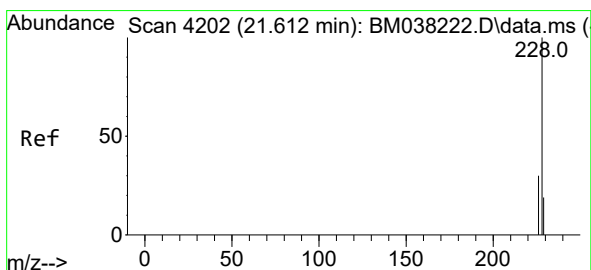
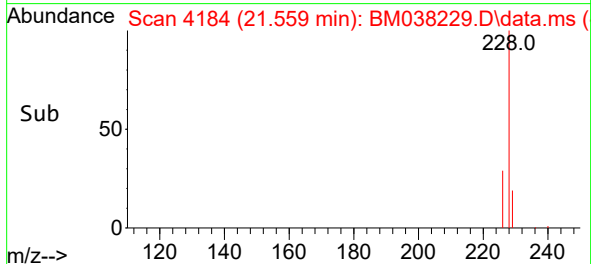
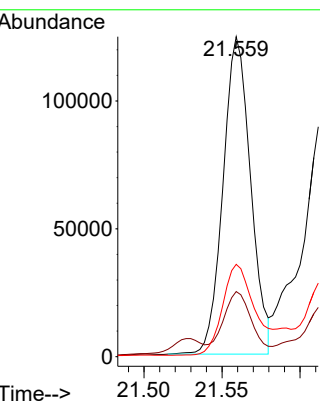
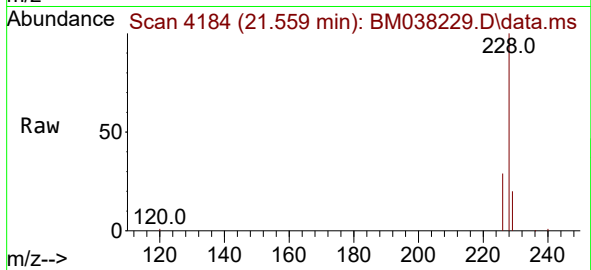
Tgt Ion:228 Resp: 152700

Ion Ratio Lower Upper

228 100

229 20.3 15.5 23.3

226 28.9 22.2 33.2



#22

Chrysene

Concen: 3.599 ng/ul

RT: 21.615 min Scan# 4203

Delta R.T. 0.003 min

Lab File: BM038229.D

Acq: 23 Dec 2022 12:58

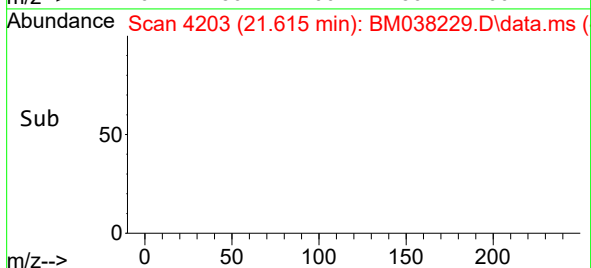
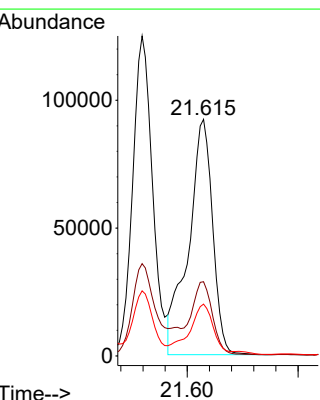
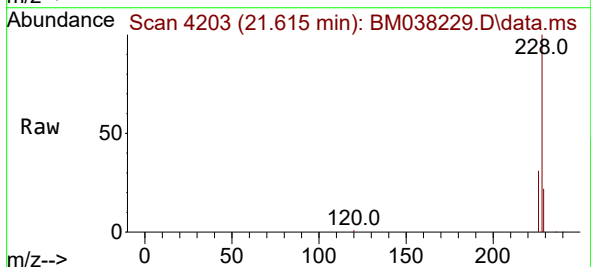
Tgt Ion:228 Resp: 139385

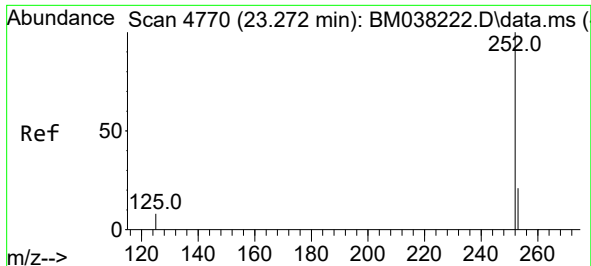
Ion Ratio Lower Upper

228 100

226 31.4 25.0 37.4

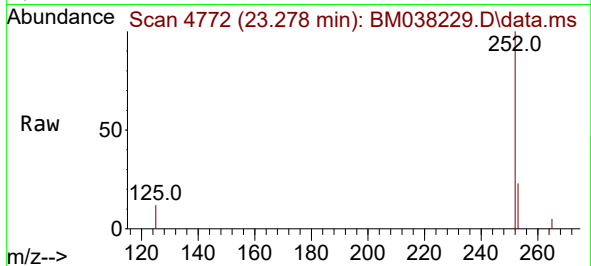
229 21.9 16.0 24.0



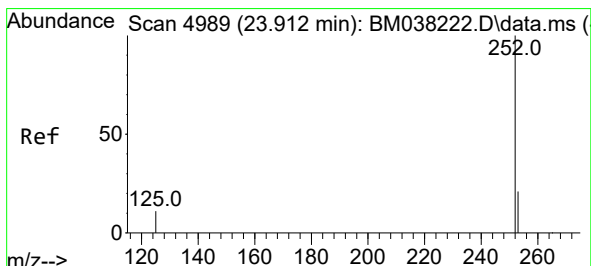
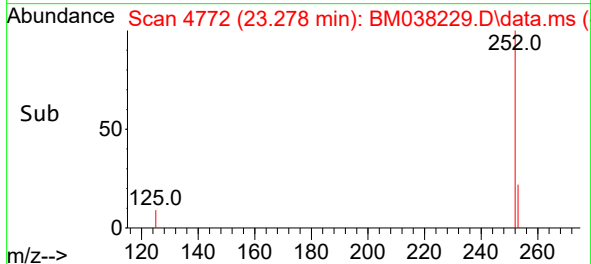
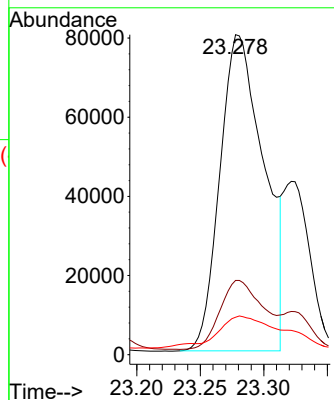


#24
Benzo(b)fluoranthene
Concen: 4.571 ng/ul
RT: 23.278 min Scan# 41
Delta R.T. 0.006 min
Lab File: BM038229.D
Acq: 23 Dec 2022 12:58

Instrument :
BNA_M
ClientSampleId :

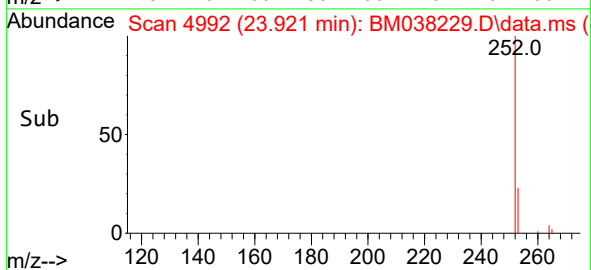
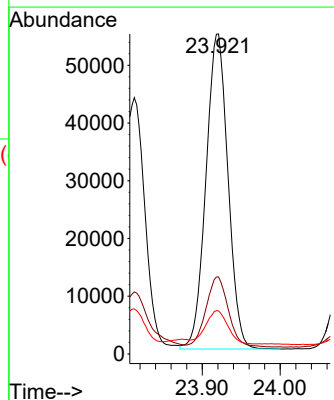
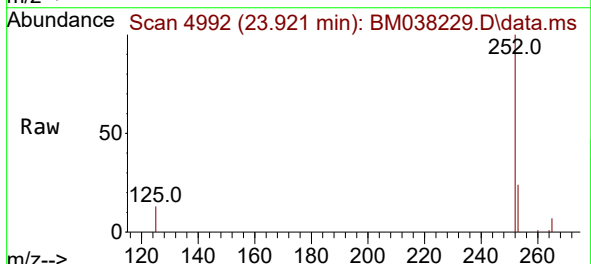


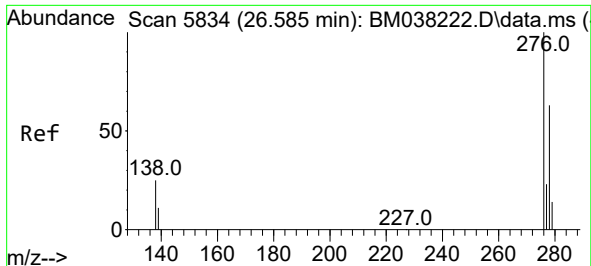
Tgt Ion:252 Resp: 192864
Ion Ratio Lower Upper
252 100
253 23.2 0.0 56.0
125 11.7 0.0 36.6



#26
Benzo(a)pyrene
Concen: 2.908 ng/ul
RT: 23.921 min Scan# 4992
Delta R.T. 0.009 min
Lab File: BM038229.D
Acq: 23 Dec 2022 12:58

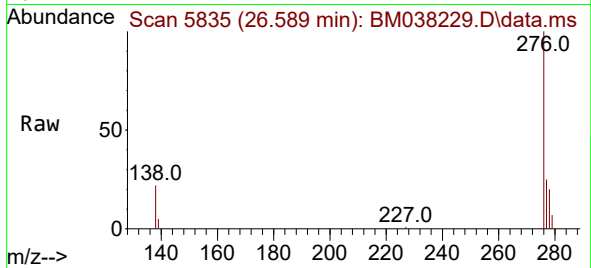
Tgt Ion:252 Resp: 107061
Ion Ratio Lower Upper
252 100
253 24.1 24.2 36.4#
125 13.4 17.3 25.9#



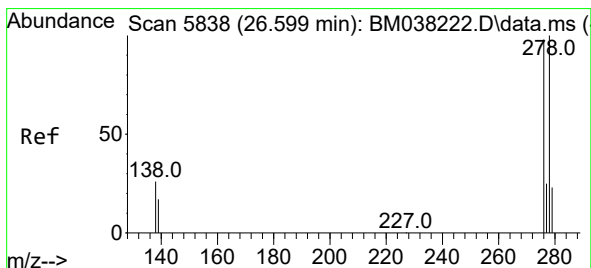
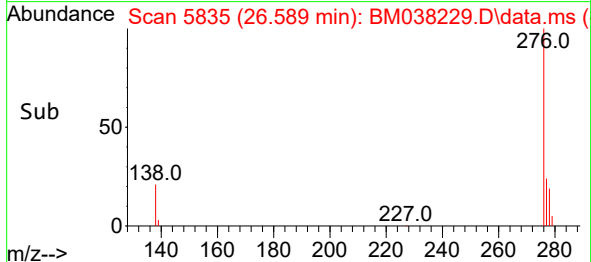
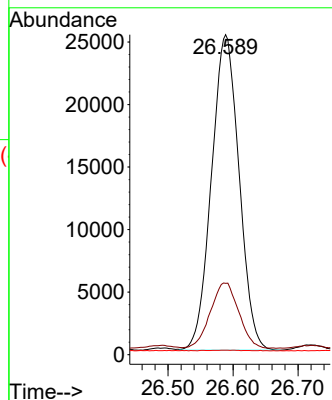


#27
 Indeno(1,2,3-cd)pyrene
 Concen: 1.457 ng/ul
 RT: 26.589 min Scan# 5835
 Delta R.T. 0.007 min
 Lab File: BM038229.D
 Acq: 23 Dec 2022 12:58

Instrument :
 BNA_M
 ClientSampleId :

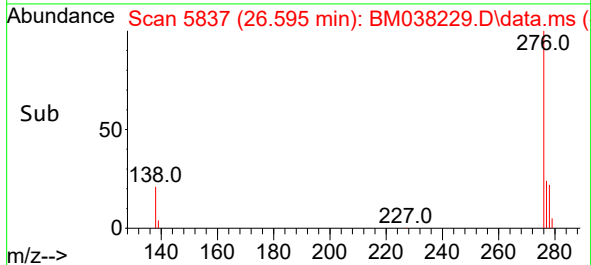
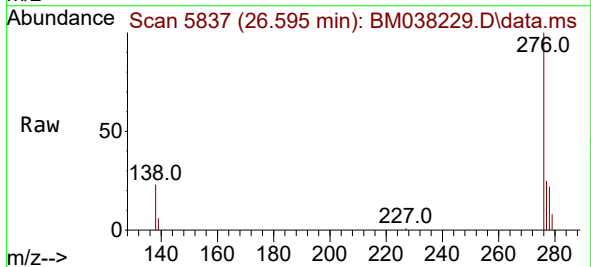
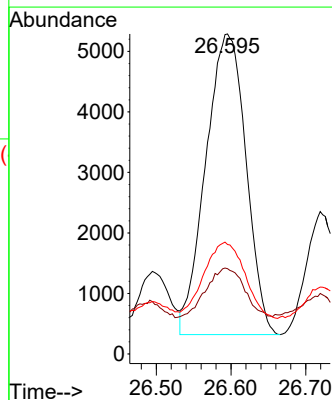


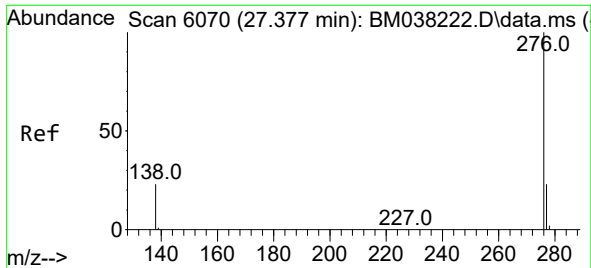
Tgt Ion:276 Resp: 74403
 Ion Ratio Lower Upper
 276 100
 138 21.3 21.7 32.5#
 227 0.1 0.0 0.0#



#28
 Dibenzo(a,h)anthracene
 Concen: 0.470 ng/ul
 RT: 26.595 min Scan# 5837
 Delta R.T. 0.000 min
 Lab File: BM038229.D
 Acq: 23 Dec 2022 12:58

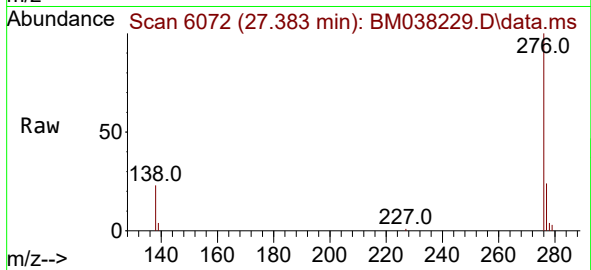
Tgt Ion:278 Resp: 18626
 Ion Ratio Lower Upper
 278 100
 139 26.7 16.8 25.2#
 279 34.2 23.4 35.2





#29
 Benzo(g,h,i)perylene
 Concen: 1.549 ng/ul
 RT: 27.383 min Scan# 6072
 Delta R.T. 0.013 min
 Lab File: BM038229.D
 Acq: 23 Dec 2022 12:58

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion:	276	Resp:	66558
Ion Ratio	Lower	Upper	
276	100		
138	22.8	20.8	31.2
277	24.3	20.5	30.7

