

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038267.D
 Acq On : 24 Dec 2022 12:32
 Operator : CG/JU
 Sample : N6018-17
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 25 02:55:40 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)

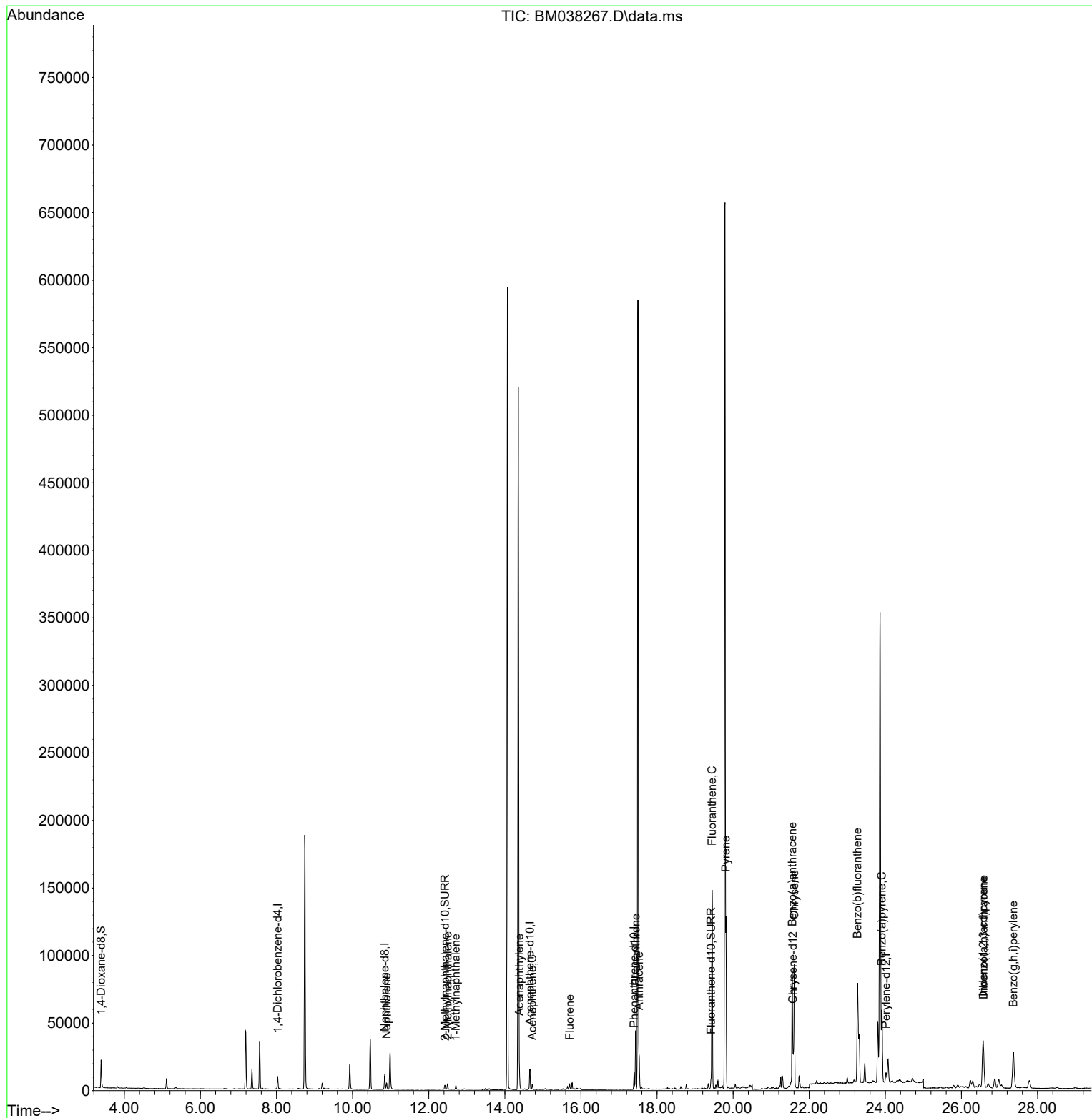
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.030	152	4367	0.400	ng/ul	0.00
4) Naphthalene-d8	10.841	136	13077	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.658	164	7712	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.397	188	14770	0.400	ng/ul	0.00
17) Chrysene-d12	21.569	240	10152	0.400	ng/ul	0.00
23) Perylene-d12	24.019	264	9444	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.389	96	12250	2.758	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.425	152	3841	0.200	ng/ul	0.00
18) Fluoranthene-d10	19.419	212	7055	0.185	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.891	128	6247	0.163	ng/ul	97
7) 2-Methylnaphthalene	12.496	142	2778	0.116	ng/ul	100
8) 1-Methylnaphthalene	12.711	142	1813	0.074	ng/ul	100
10) Acenaphthylene	14.380	152	14209	0.334	ng/ul	99
11) Acenaphthene	14.718	153	2122	0.070	ng/ul	97
12) Fluorene	15.703	166	2448	0.074	ng/ul#	97
15) Phenanthrene	17.439	178	44471	0.900	ng/ul	99
16) Anthracene	17.528	178	23344	0.492	ng/ul	99
19) Fluoranthene	19.446	202	123698	2.224	ng/ul	98
20) Pyrene	19.809	202	103318	1.838	ng/ul	98
21) Benzo(a)anthracene	21.552	228	71304	1.601	ng/ul	97
22) Chrysene	21.607	228	91471	2.111	ng/ul	99
24) Benzo(b)fluoranthene	23.267	252	132038	3.159	ng/ul	89
26) Benzo(a)pyrene	23.908	252	78637	2.156	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.570	276	60454	1.195	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.577	278	15672	0.399	ng/ul	94
29) Benzo(g,h,i)perylene	27.362	276	58845	1.382	ng/ul	95

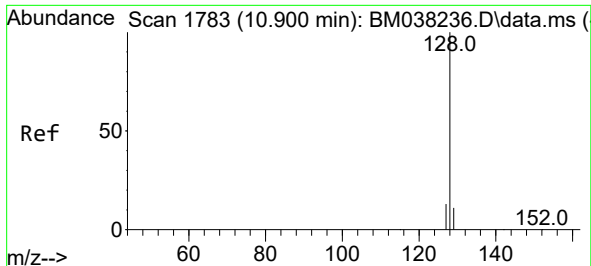
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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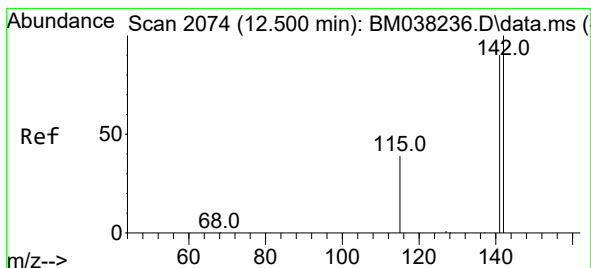
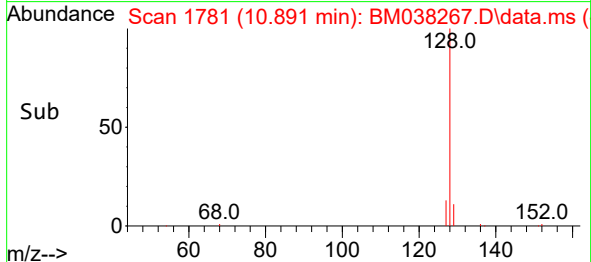
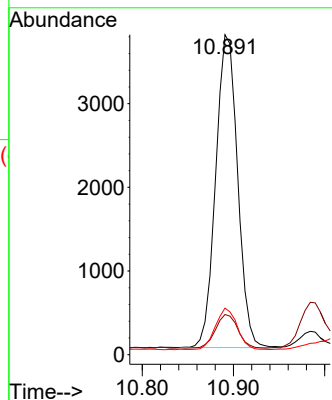
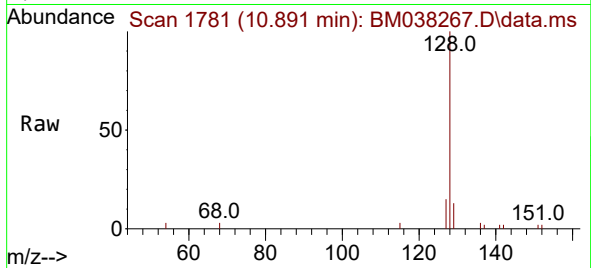




#5
Naphthalene
Concen: 0.163 ng/ul
RT: 10.891 min Scan# 1781
Delta R.T. -0.004 min
Lab File: BM038267.D
Acq: 24 Dec 2022 12:32

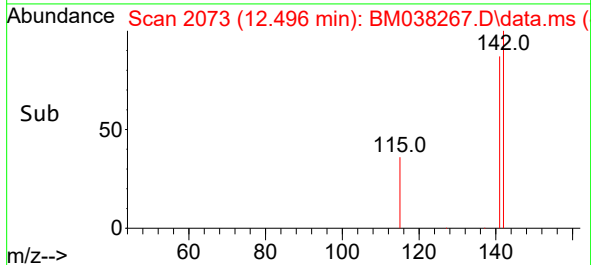
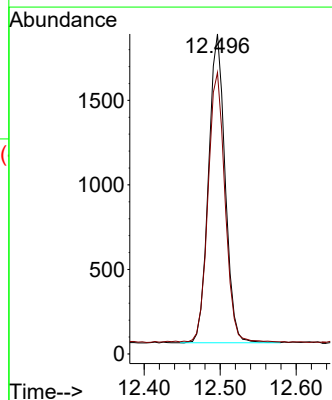
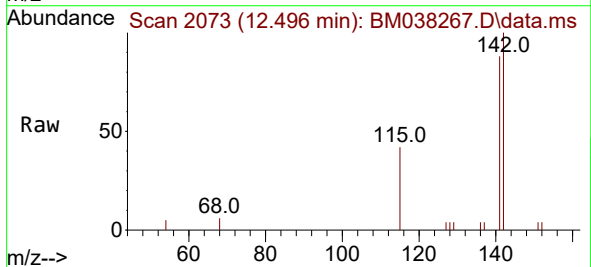
Instrument :
BNA_M
ClientSampleId :

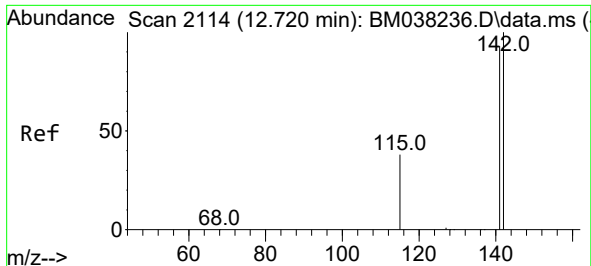
Tgt Ion:128 Resp: 6247
Ion Ratio Lower Upper
128 100
129 12.5 9.4 14.0
127 14.6 10.7 16.1



#7
2-Methylnaphthalene
Concen: 0.116 ng/ul
RT: 12.496 min Scan# 2073
Delta R.T. 0.002 min
Lab File: BM038267.D
Acq: 24 Dec 2022 12:32

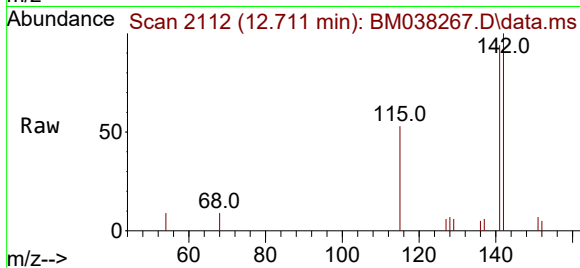
Tgt Ion:142 Resp: 2778
Ion Ratio Lower Upper
142 100
141 89.5 71.9 107.9



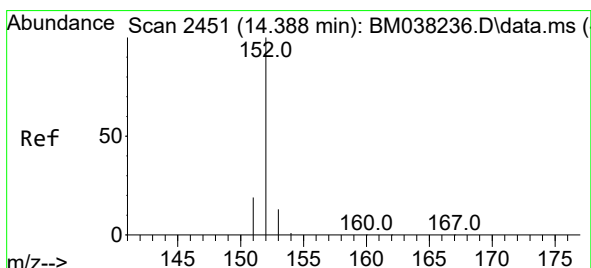
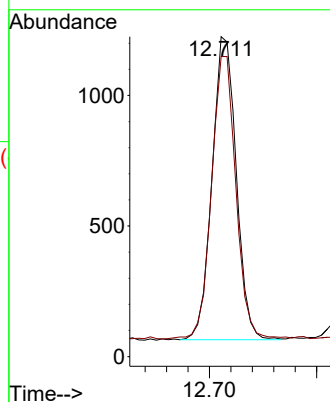
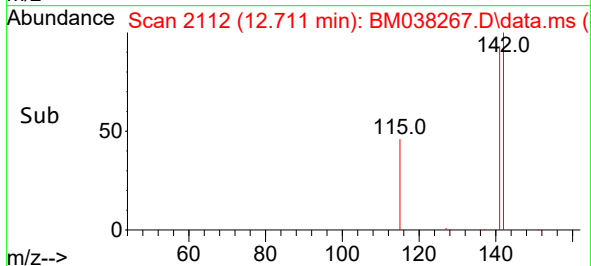


#8
1-Methylnaphthalene
Concen: 0.074 ng/ul
RT: 12.711 min Scan# 2112
Delta R.T. -0.004 min
Lab File: BM038267.D
Acq: 24 Dec 2022 12:32

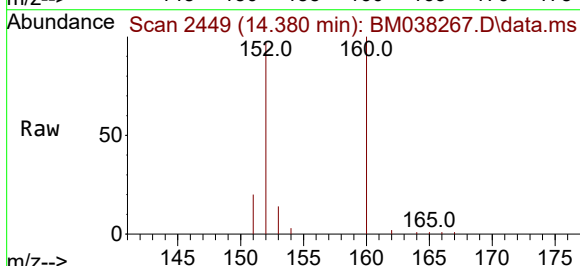
Instrument :
BNA_M
ClientSampleId :



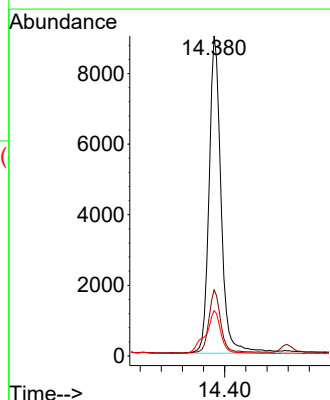
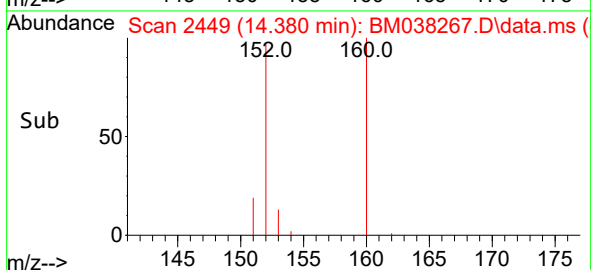
Tgt Ion:142 Resp: 1813
Ion Ratio Lower Upper
142 100
141 93.9 74.7 112.1

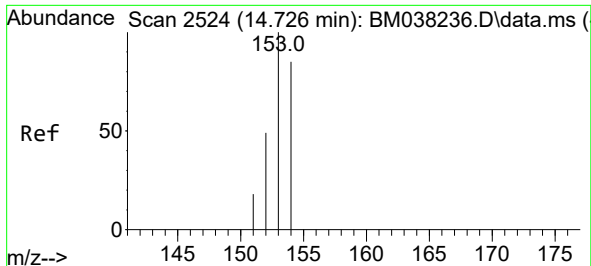


#10
Acenaphthylene
Concen: 0.334 ng/ul
RT: 14.380 min Scan# 2449
Delta R.T. 0.001 min
Lab File: BM038267.D
Acq: 24 Dec 2022 12:32



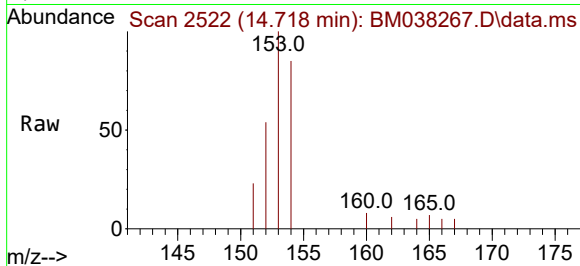
Tgt Ion:152 Resp: 14209
Ion Ratio Lower Upper
152 100
151 20.7 16.2 24.2
153 14.1 10.7 16.1



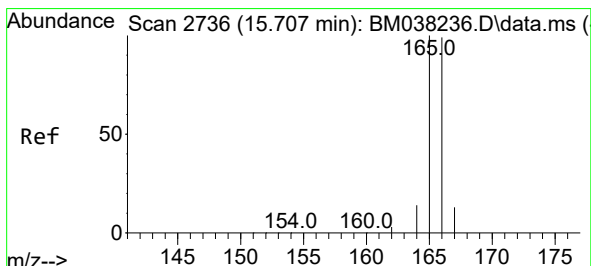
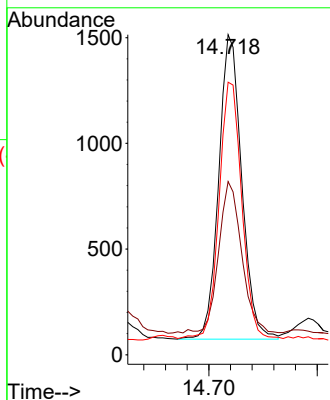
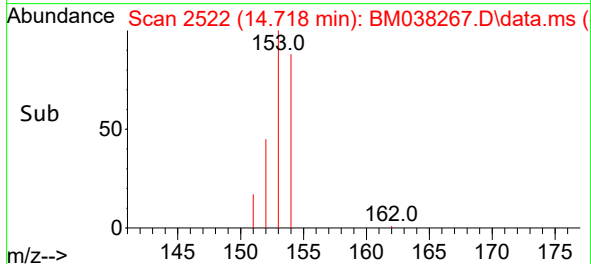


#11
Acenaphthene
Concen: 0.070 ng/ul
RT: 14.718 min Scan# 2122
Delta R.T. -0.004 min
Lab File: BM038267.D
Acq: 24 Dec 2022 12:32

Instrument :
BNA_M
ClientSampleId :

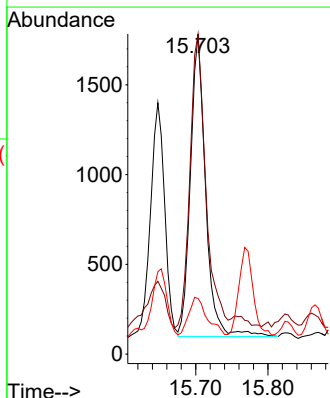
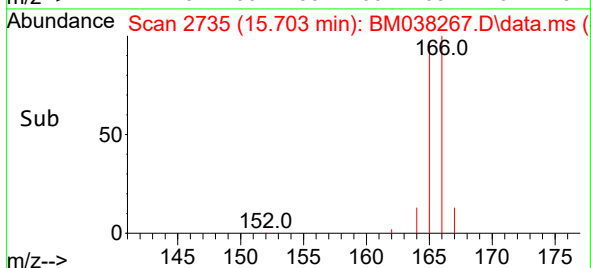
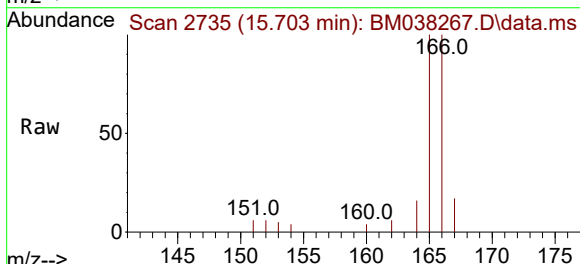


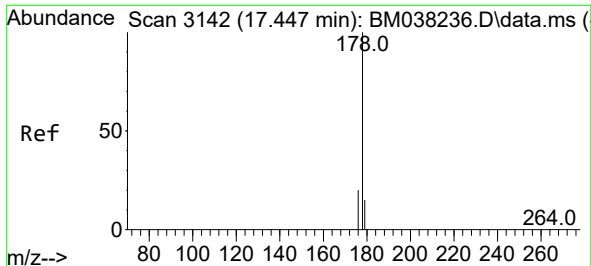
Tgt Ion:153 Resp: 2122
Ion Ratio Lower Upper
153 100
152 54.1 39.4 59.0
154 85.1 69.0 103.4



#12
Fluorene
Concen: 0.074 ng/ul
RT: 15.703 min Scan# 2735
Delta R.T. 0.001 min
Lab File: BM038267.D
Acq: 24 Dec 2022 12:32

Tgt Ion:166 Resp: 2448
Ion Ratio Lower Upper
166 100
165 100.4 79.0 118.6
167 17.5 11.0 16.6#

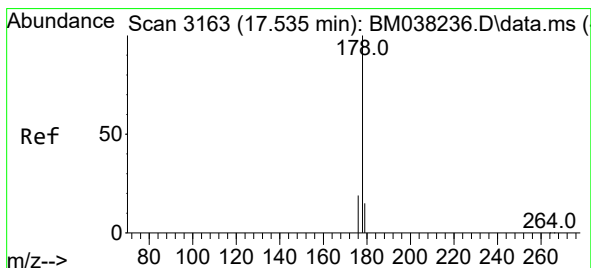
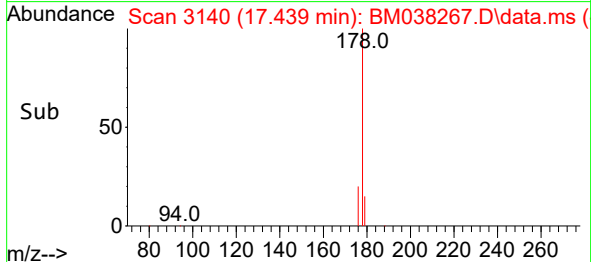
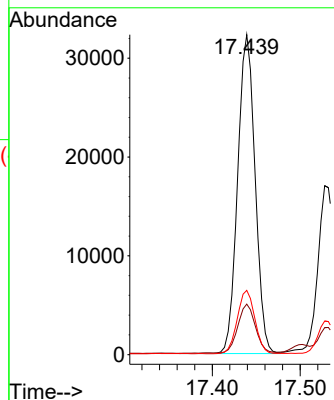
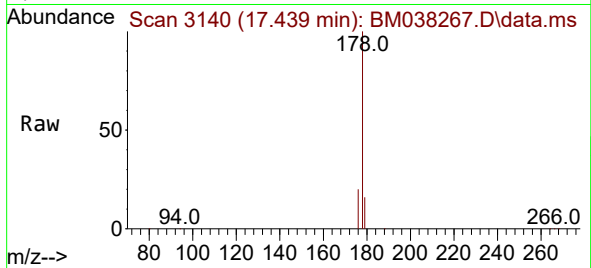




#15
Phenanthrene
Concen: 0.900 ng/ul
RT: 17.439 min Scan# 3140
Delta R.T. 0.001 min
Lab File: BM038267.D
Acq: 24 Dec 2022 12:32

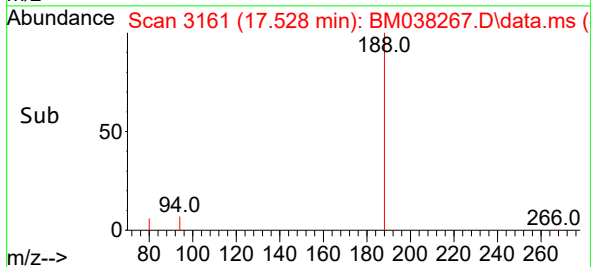
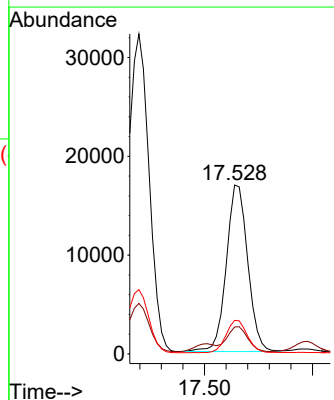
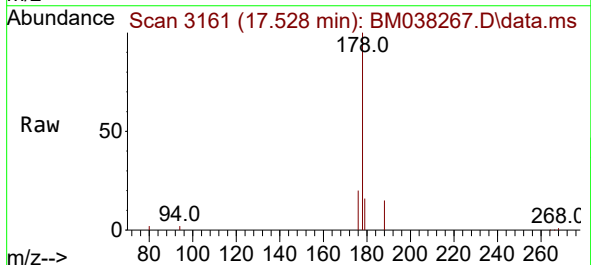
Instrument :
BNA_M
ClientSampleId :

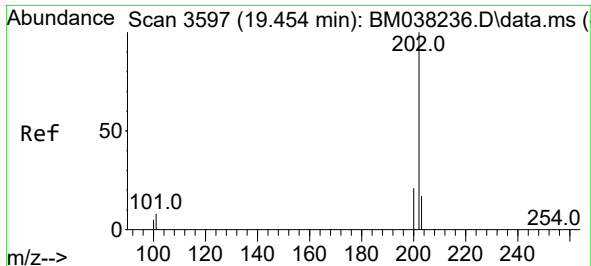
Tgt Ion:178 Resp: 44471
Ion Ratio Lower Upper
178 100
179 15.8 13.0 19.4
176 20.1 16.2 24.4



#16
Anthracene
Concen: 0.492 ng/ul
RT: 17.528 min Scan# 3161
Delta R.T. -0.003 min
Lab File: BM038267.D
Acq: 24 Dec 2022 12:32

Tgt Ion:178 Resp: 23344
Ion Ratio Lower Upper
178 100
179 16.0 13.0 19.6
176 19.9 15.6 23.4

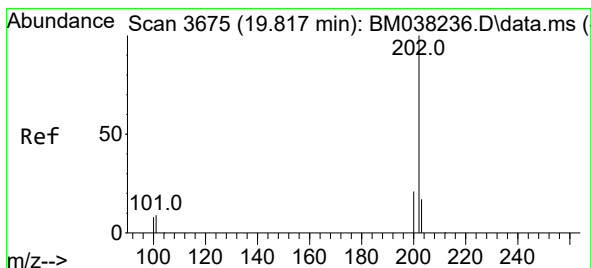
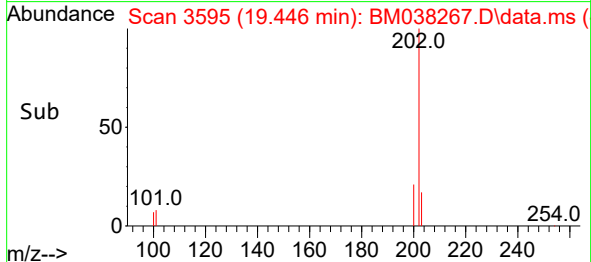
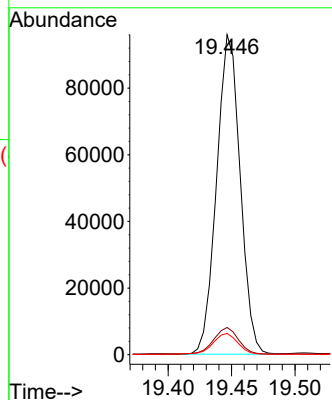
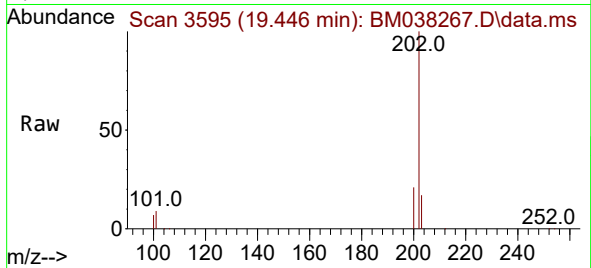




#19
Fluoranthene
Concen: 2.224 ng/ul
RT: 19.446 min Scan# 31
Delta R.T. -0.003 min
Lab File: BM038267.D
Acq: 24 Dec 2022 12:32

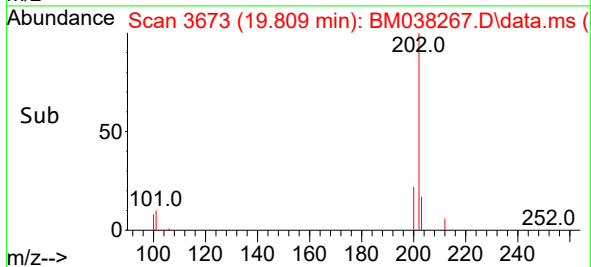
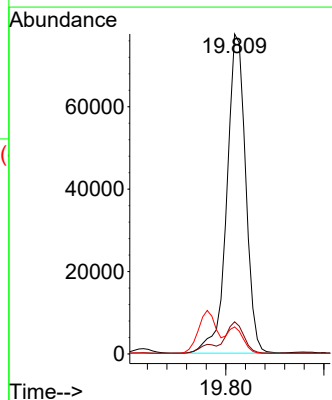
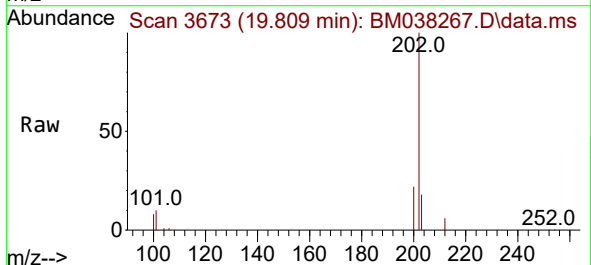
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BNA_M
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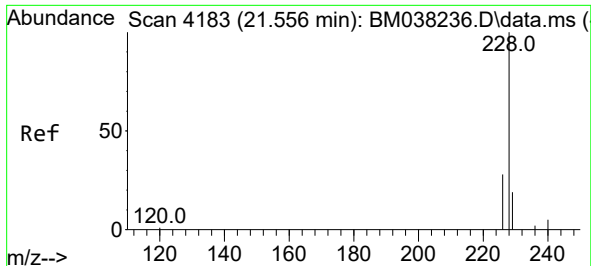
Tgt Ion:202 Resp: 123698
Ion Ratio Lower Upper
202 100
101 8.5 7.5 11.3
100 6.7 5.6 8.4



#20
Pyrene
Concen: 1.838 ng/ul
RT: 19.809 min Scan# 3673
Delta R.T. -0.003 min
Lab File: BM038267.D
Acq: 24 Dec 2022 12:32

Tgt Ion:202 Resp: 103318
Ion Ratio Lower Upper
202 100
101 10.0 8.9 13.3
100 8.5 7.4 11.0

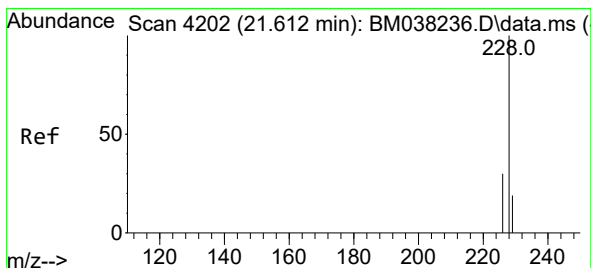
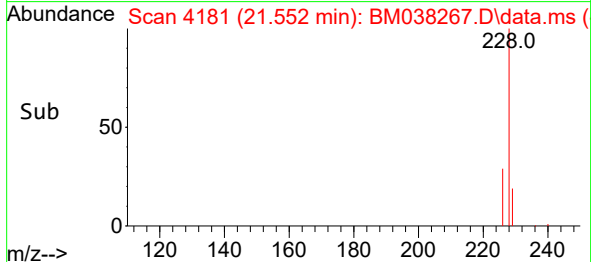
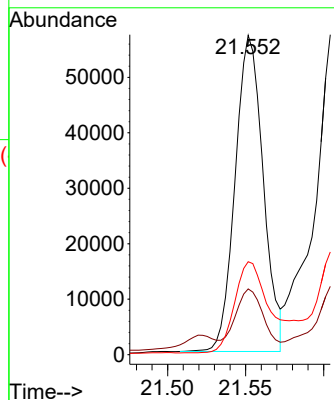
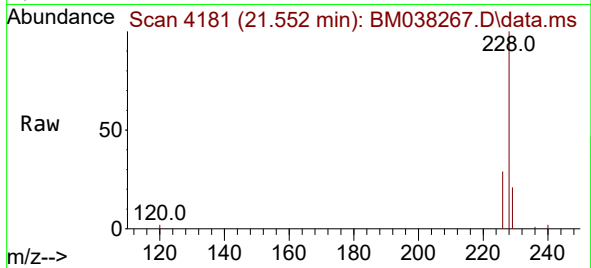




#21
Benzo(a)anthracene
Concen: 1.601 ng/ul
RT: 21.552 min Scan# 4183
Delta R.T. 0.001 min
Lab File: BM038267.D
Acq: 24 Dec 2022 12:32

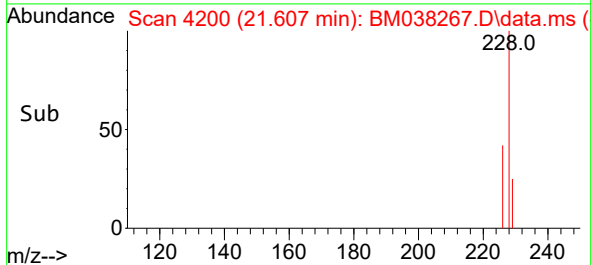
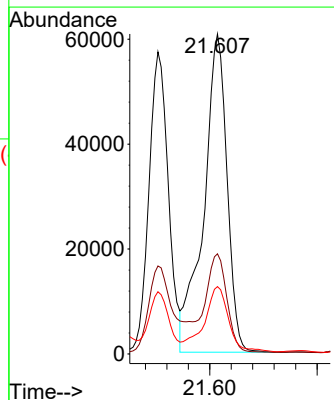
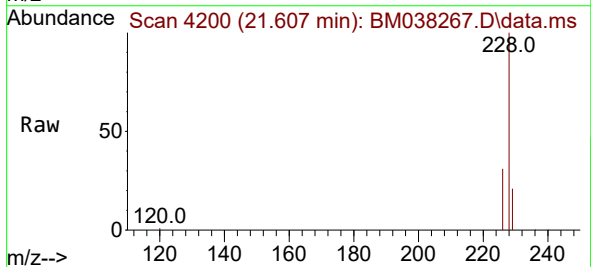
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BNA_M
ClientSampleId :

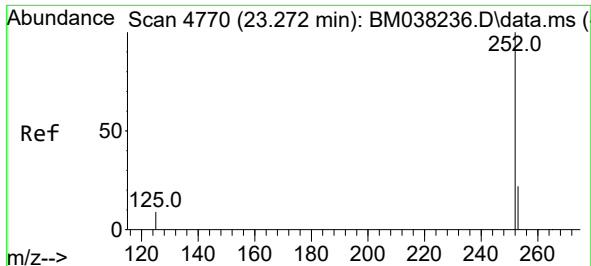
Tgt Ion:228 Resp: 71304
Ion Ratio Lower Upper
228 100
229 20.6 15.5 23.3
226 29.1 22.2 33.2



#22
Chrysene
Concen: 2.111 ng/ul
RT: 21.607 min Scan# 4200
Delta R.T. 0.001 min
Lab File: BM038267.D
Acq: 24 Dec 2022 12:32

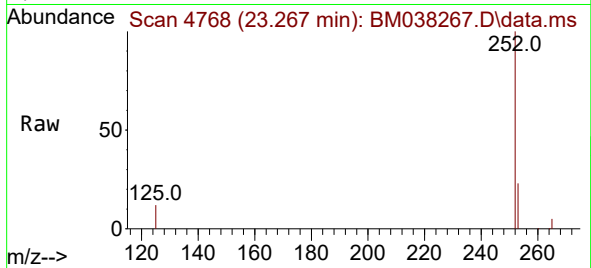
Tgt Ion:228 Resp: 91471
Ion Ratio Lower Upper
228 100
226 31.3 25.0 37.4
229 21.0 16.0 24.0



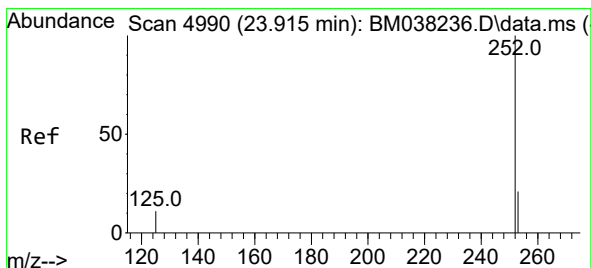
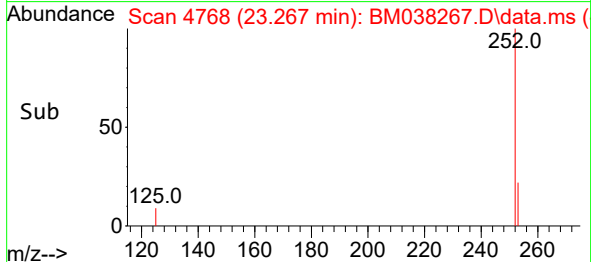
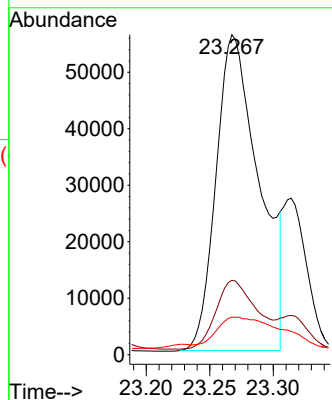


#24
Benzo(b)fluoranthene
Concen: 3.159 ng/ul
RT: 23.267 min Scan# 41
Delta R.T. 0.001 min
Lab File: BM038267.D
Acq: 24 Dec 2022 12:32

Instrument :
BNA_M
ClientSampleId :

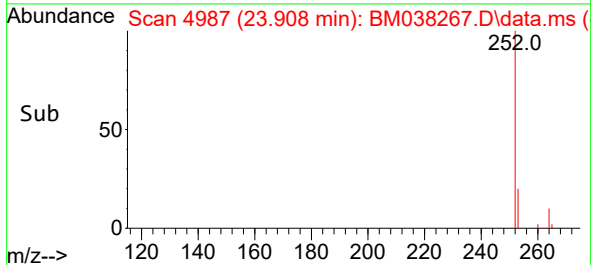
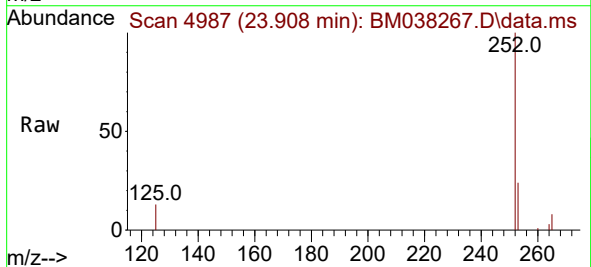
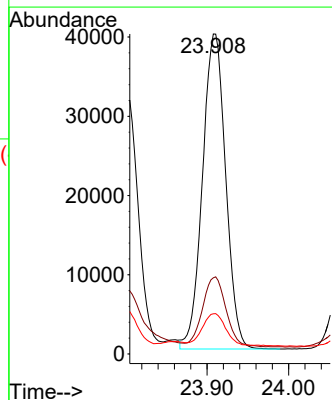


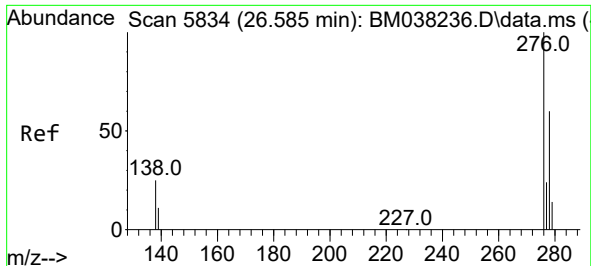
Tgt Ion:252 Resp: 132038
Ion Ratio Lower Upper
252 100
253 23.3 0.0 56.0
125 11.7 0.0 36.6



#26
Benzo(a)pyrene
Concen: 2.156 ng/ul
RT: 23.908 min Scan# 4987
Delta R.T. 0.001 min
Lab File: BM038267.D
Acq: 24 Dec 2022 12:32

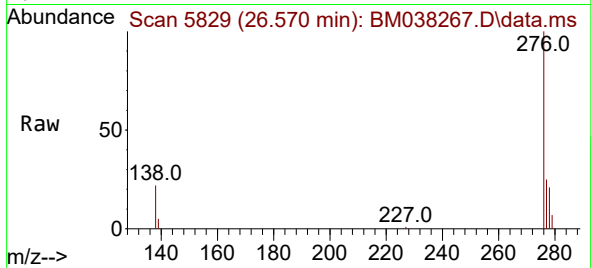
Tgt Ion:252 Resp: 78637
Ion Ratio Lower Upper
252 100
253 23.8 24.2 36.4#
125 12.5 17.3 25.9#



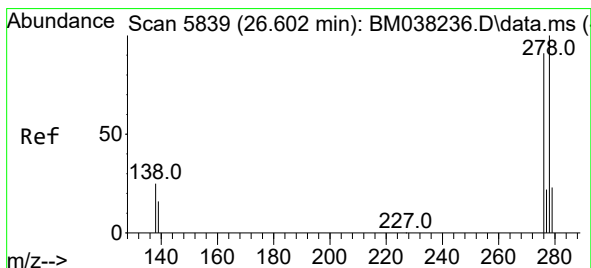
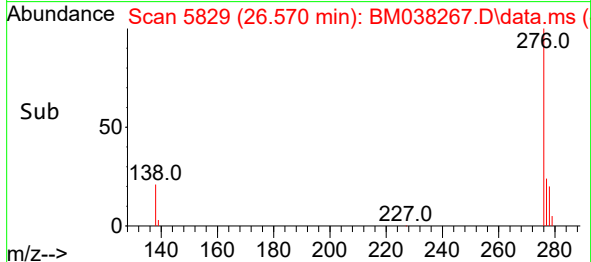
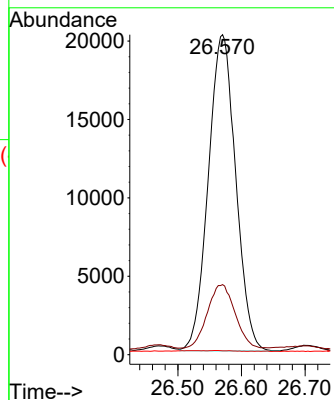


#27
 Indeno(1,2,3-cd)pyrene
 Concen: 1.195 ng/ul
 RT: 26.570 min Scan# 5829
 Delta R.T. 0.002 min
 Lab File: BM038267.D
 Acq: 24 Dec 2022 12:32

Instrument :
 BNA_M
 ClientSampleId :

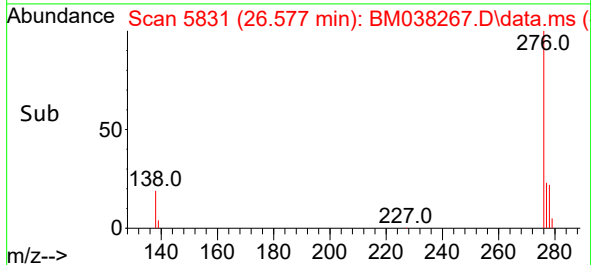
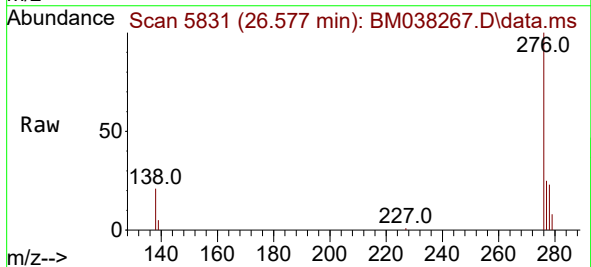
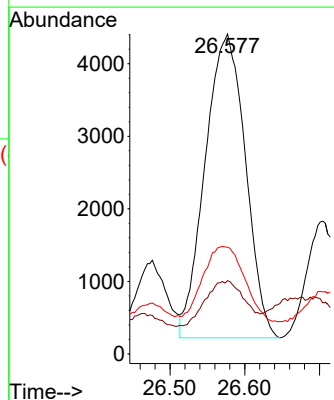


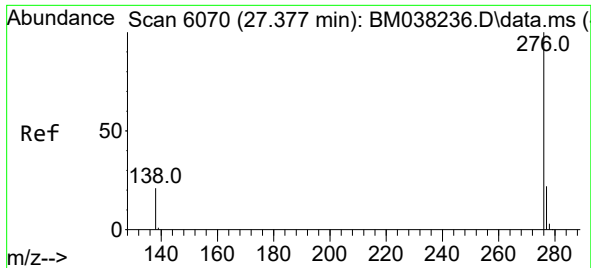
Tgt Ion:276 Resp: 60454
 Ion Ratio Lower Upper
 276 100
 138 21.0 21.7 32.5#
 227 0.2 0.0 0.0#



#28
 Dibenzo(a,h)anthracene
 Concen: 0.399 ng/ul
 RT: 26.577 min Scan# 5831
 Delta R.T. -0.012 min
 Lab File: BM038267.D
 Acq: 24 Dec 2022 12:32

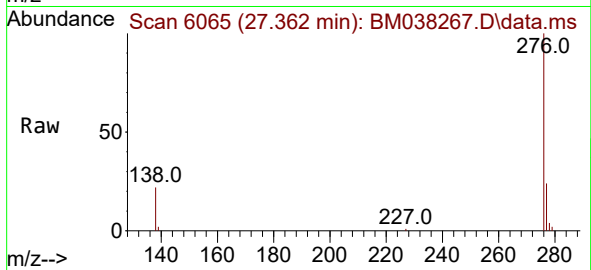
Tgt Ion:278 Resp: 15672
 Ion Ratio Lower Upper
 278 100
 139 22.9 16.8 25.2
 279 33.3 23.4 35.2





#29
 Benzo(g,h,i)perylene
 Concen: 1.382 ng/ul
 RT: 27.362 min Scan# 6065
 Delta R.T. 0.002 min
 Lab File: BM038267.D
 Acq: 24 Dec 2022 12:32

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion:	276	Resp:	58845
Ion Ratio	Lower	Upper	
276	100		
138	22.1	20.8	31.2
277	24.1	20.5	30.7

