

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101322\
 Data File : BM037065.D
 Acq On : 14 Oct 2022 22:05
 Operator : CG/JU
 Sample : N5049-02
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BG4

Quant Time: Oct 14 23:06:00 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM100622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 14 07:11:07 2022
 Response via : Initial Calibration

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

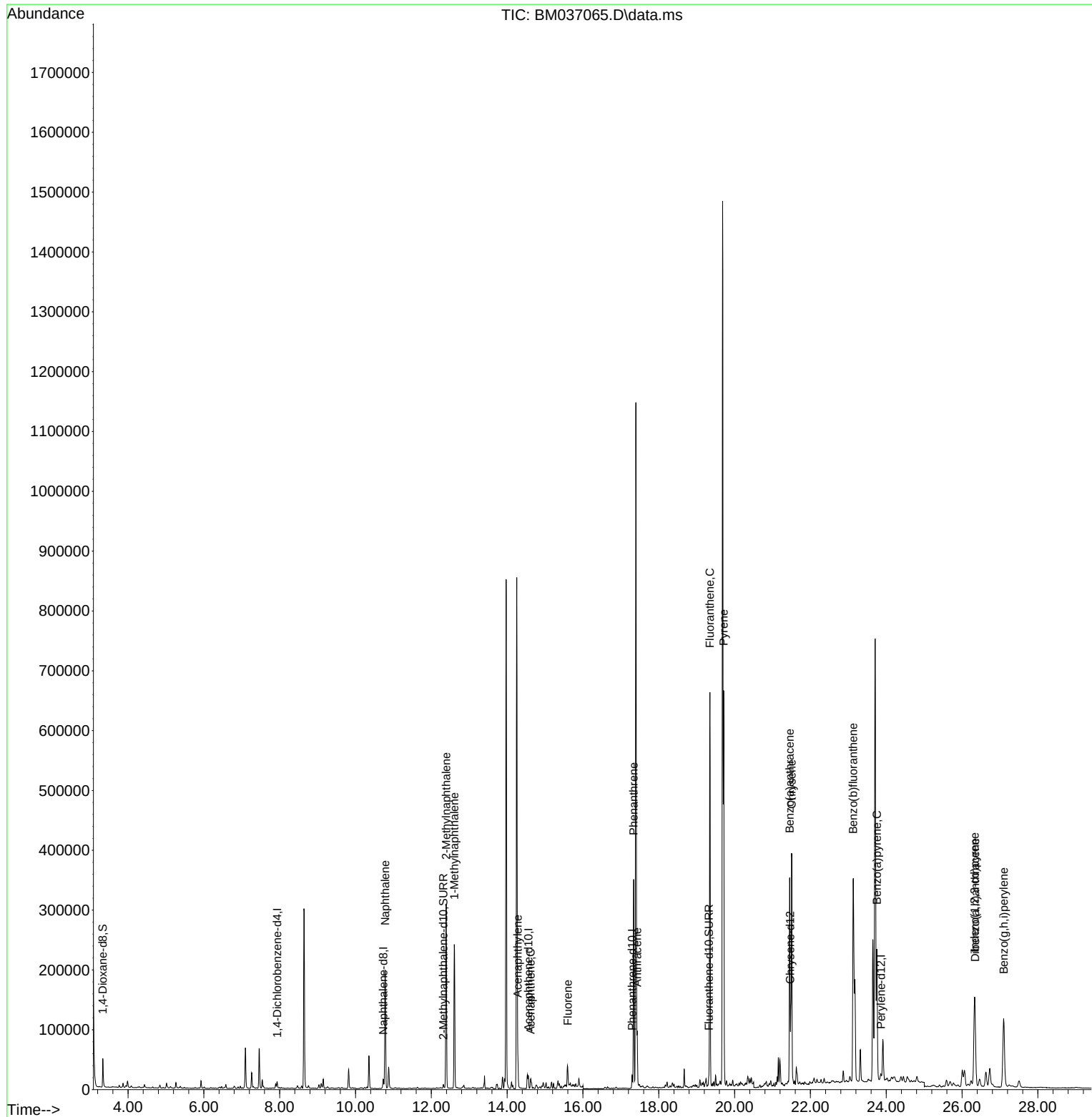
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	5580	0.400	ng/ul	0.00
4) Naphthalene-d8	10.732	136	20267	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.561	164	11911	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.296	188	23519	0.400	ng/ul	0.00
17) Chrysene-d12	21.470	240	19722	0.400	ng/ul	0.00
23) Perylene-d12	23.859	264	15562	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.335	96	31229	3.969	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.316	152	8343	0.273	ng/ul	-0.01
18) Fluoranthene-d10	19.322	212	17316	0.294	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.781	128	264883	4.572	ng/ul	96
7) 2-Methylnaphthalene	12.393	142	205916	5.810	ng/ul	92
8) 1-Methylnaphthalene	12.607	142	162557	4.516	ng/ul	99
10) Acenaphthylene	14.279	152	57083	1.153	ng/ul#	95
11) Acenaphthene	14.621	153	11314	0.263	ng/ul	98
12) Fluorene	15.602	166	14044	0.288	ng/ul#	84
15) Phenanthrene	17.338	178	352244	4.691	ng/ul	99
16) Anthracene	17.431	178	87067	1.388	ng/ul	98
19) Fluoranthene	19.349	202	526161	6.708	ng/ul	99
20) Pyrene	19.712	202	501174	6.127	ng/ul	99
21) Benzo(a)anthracene	21.453	228	290801	4.081	ng/ul	98
22) Chrysene	21.506	228	390686	5.107	ng/ul	99
24) Benzo(b)fluoranthene	23.131	252	565628	8.136	ng/ul	86
26) Benzo(a)pyrene	23.753	252	299694	5.313	ng/ul#	75
27) Indeno(1,2,3-cd)pyrene	26.333	276	250640	3.137	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.343	278	69737	1.080	ng/ul#	91
29) Benzo(g,h,i)perylene	27.097	276	242590	3.445	ng/ul	96

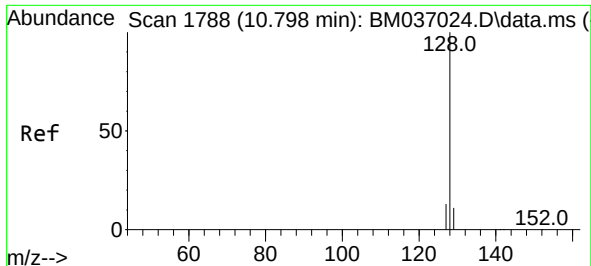
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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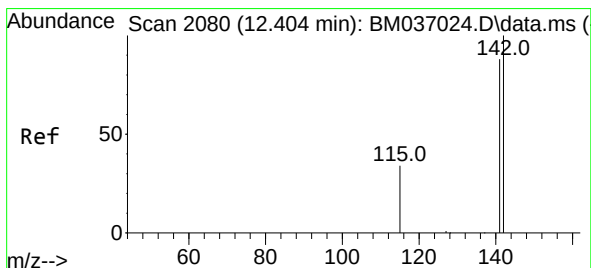
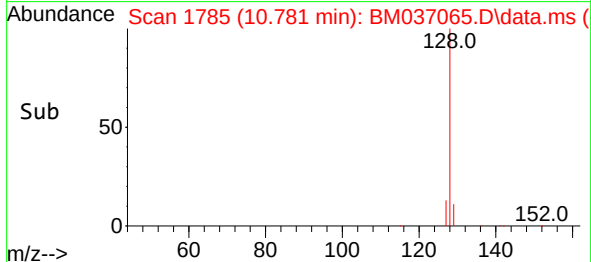
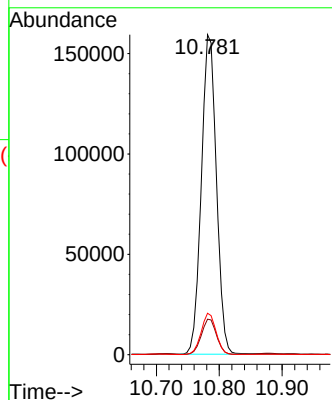
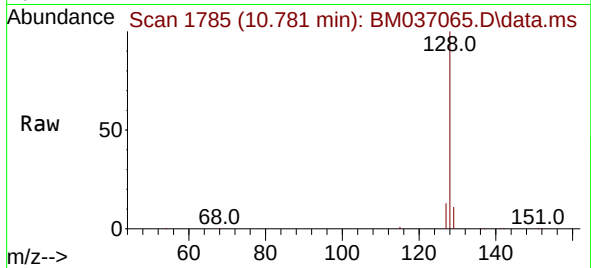




#5
Naphthalene
Concen: 4.572 ng/ul
RT: 10.781 min Scan# 1785
Delta R.T. -0.006 min
Lab File: BM037065.D
Acq: 14 Oct 2022 22:05

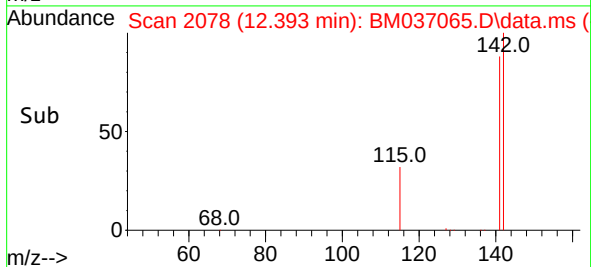
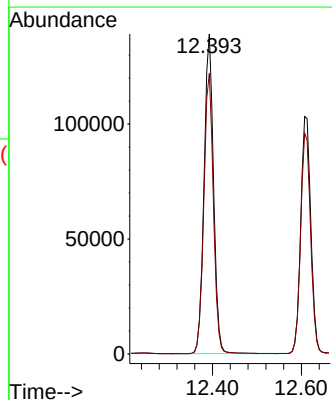
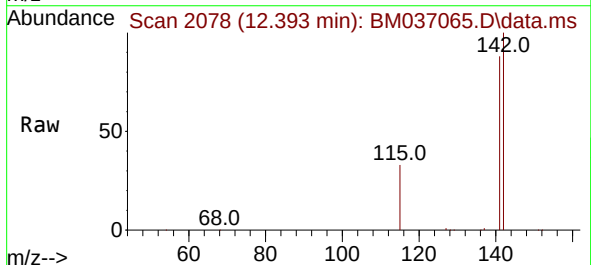
Instrument :
BNA_M
ClientSampleId :
C0BG4

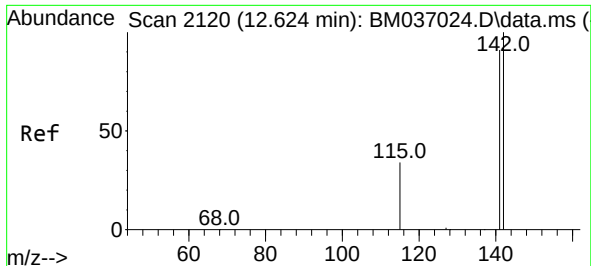
Tgt Ion:128 Resp: 264883
Ion Ratio Lower Upper
128 100
129 11.1 10.2 15.2
127 13.0 11.7 17.5



#7
2-Methylnaphthalene
Concen: 5.810 ng/ul
RT: 12.393 min Scan# 2078
Delta R.T. -0.005 min
Lab File: BM037065.D
Acq: 14 Oct 2022 22:05

Tgt Ion:142 Resp: 205916
Ion Ratio Lower Upper
142 100
141 88.7 77.4 116.0

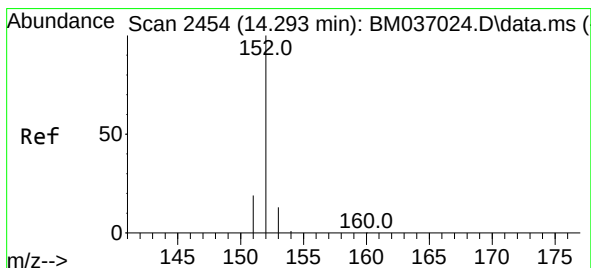
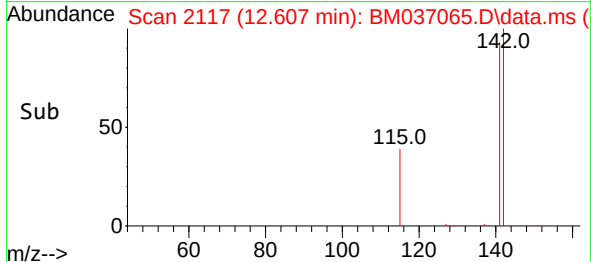
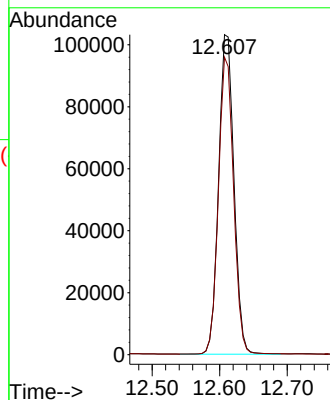
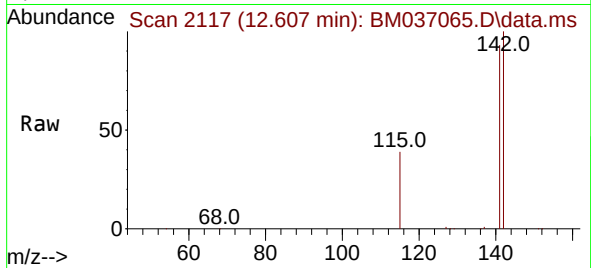




#8
1-Methylnaphthalene
Concen: 4.516 ng/ul
RT: 12.607 min Scan# 2117
Delta R.T. -0.011 min
Lab File: BM037065.D
Acq: 14 Oct 2022 22:05

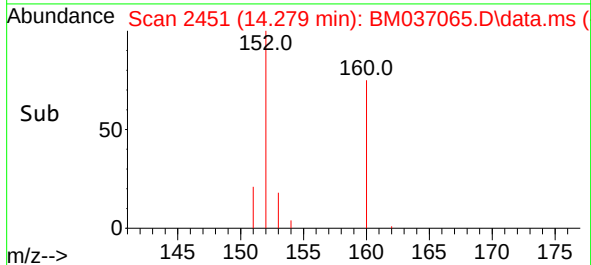
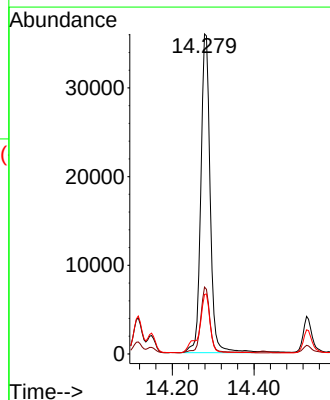
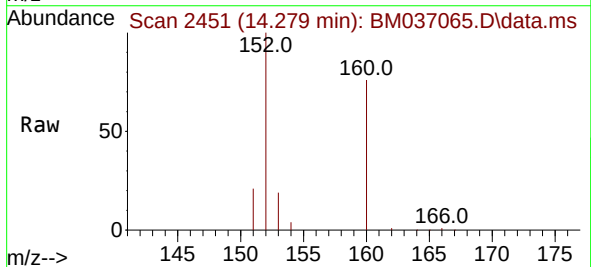
Instrument :
BNA_M
ClientSampleId :
C0BG4

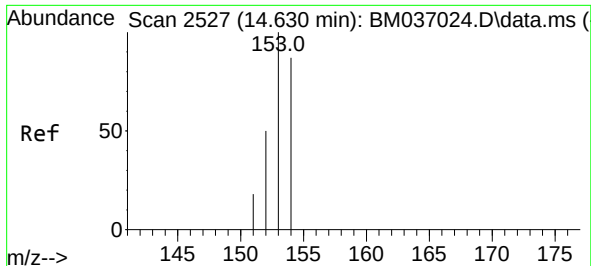
Tgt Ion:142 Resp: 162557
Ion Ratio Lower Upper
142 100
141 92.0 74.1 111.1



#10
Acenaphthylene
Concen: 1.153 ng/ul
RT: 14.279 min Scan# 2451
Delta R.T. -0.006 min
Lab File: BM037065.D
Acq: 14 Oct 2022 22:05

Tgt Ion:152 Resp: 57083
Ion Ratio Lower Upper
152 100
151 20.9 16.6 24.8
153 18.6 11.4 17.0#

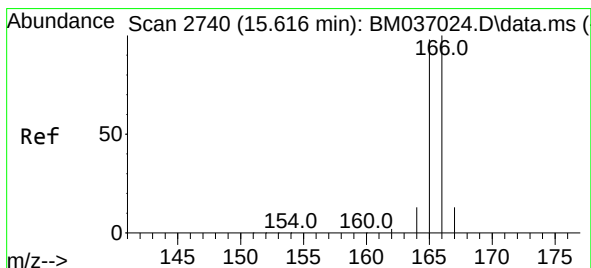
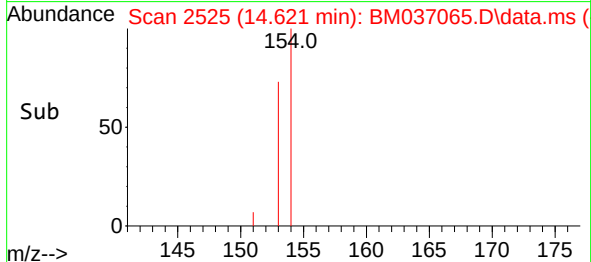
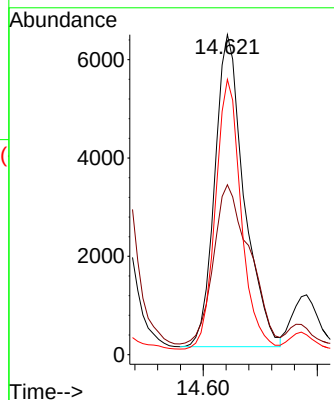
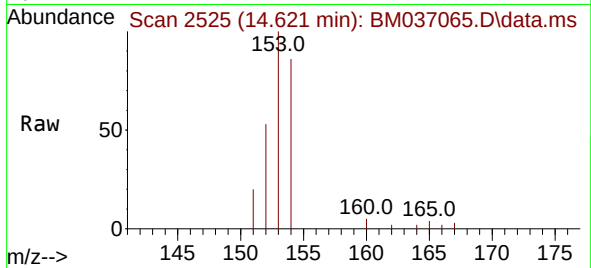




#11
Acenaphthene
Concen: 0.263 ng/ul
RT: 14.621 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM037065.D
Acq: 14 Oct 2022 22:05

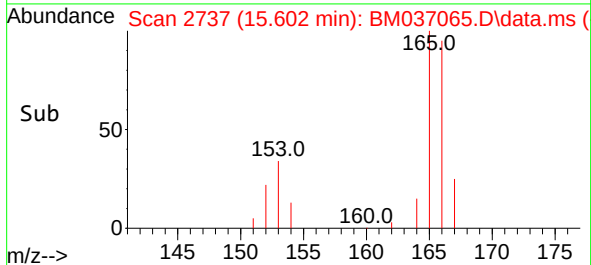
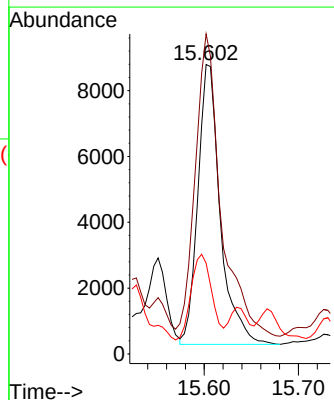
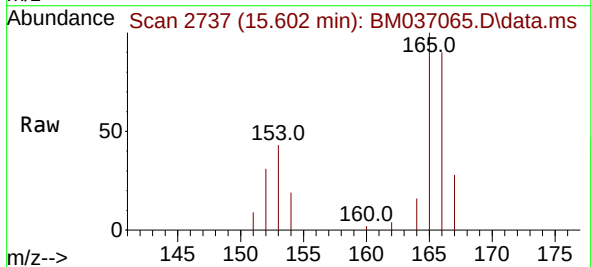
Instrument :
BNA_M
ClientSampleId :
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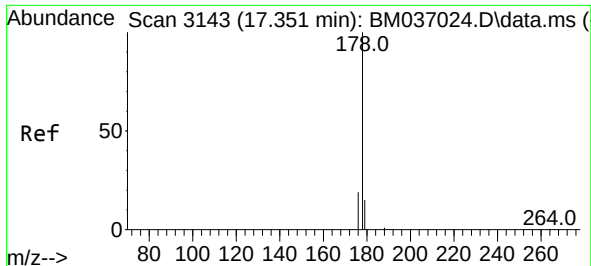
Tgt Ion:153 Resp: 11314
Ion Ratio Lower Upper
153 100
152 53.1 40.2 60.4
154 86.0 69.7 104.5



#12
Fluorene
Concen: 0.288 ng/ul
RT: 15.602 min Scan# 2737
Delta R.T. -0.005 min
Lab File: BM037065.D
Acq: 14 Oct 2022 22:05

Tgt Ion:166 Resp: 14044
Ion Ratio Lower Upper
166 100
165 110.6 78.9 118.3
167 31.3 11.3 16.9#

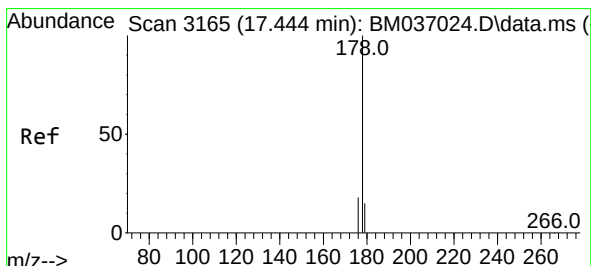
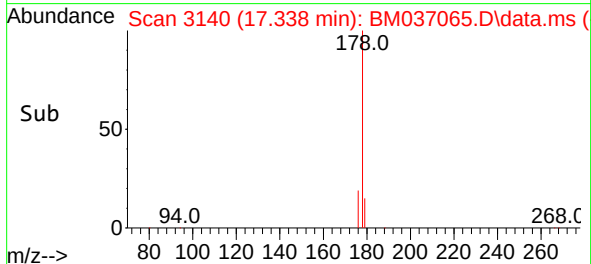
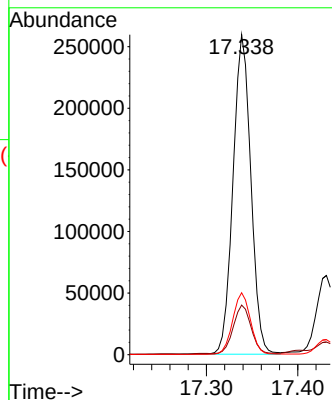
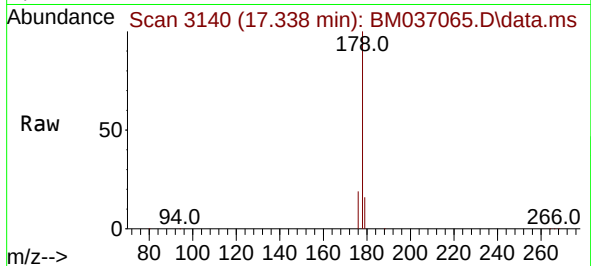




#15
Phenanthrene
Concen: 4.691 ng/ul
RT: 17.338 min Scan# 3140
Delta R.T. -0.005 min
Lab File: BM037065.D
Acq: 14 Oct 2022 22:05

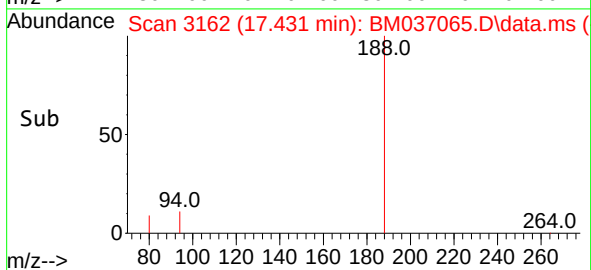
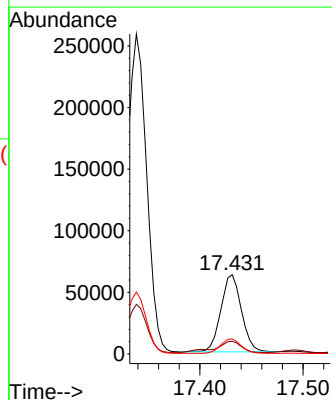
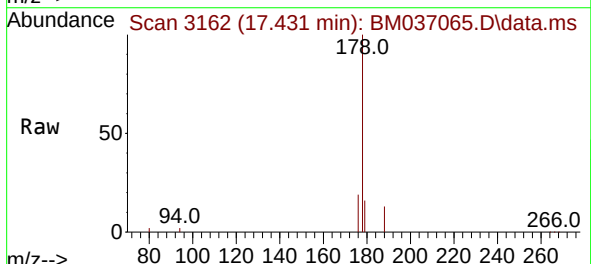
Instrument :
BNA_M
ClientSampleId :
C0BG4

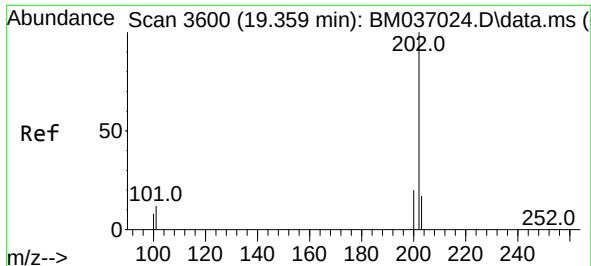
Tgt Ion:178 Resp: 352244
Ion Ratio Lower Upper
178 100
179 15.5 13.0 19.6
176 19.3 15.6 23.4



#16
Anthracene
Concen: 1.388 ng/ul
RT: 17.431 min Scan# 3162
Delta R.T. -0.005 min
Lab File: BM037065.D
Acq: 14 Oct 2022 22:05

Tgt Ion:178 Resp: 87067
Ion Ratio Lower Upper
178 100
179 16.0 13.6 20.4
176 18.9 15.6 23.4

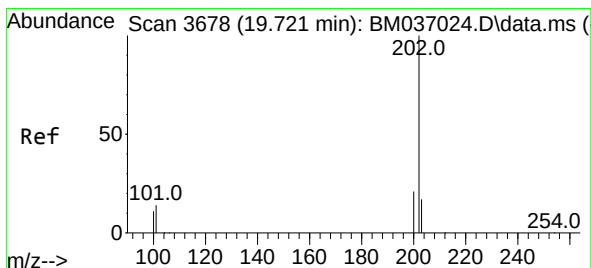
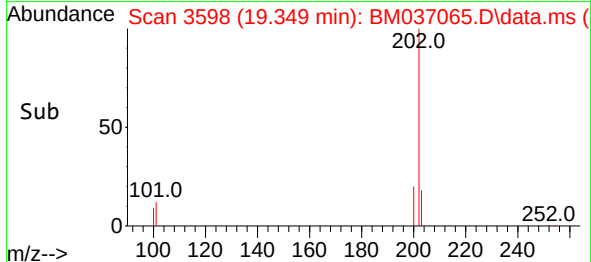
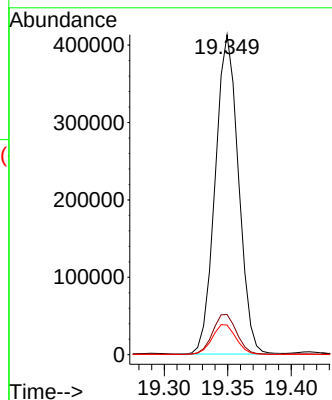
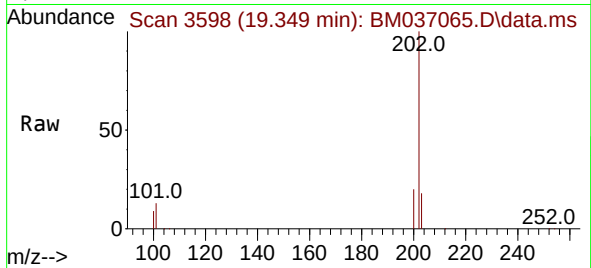




#19
Fluoranthene
Concen: 6.708 ng/u1
RT: 19.349 min Scan# 3598
Delta R.T. -0.006 min
Lab File: BM037065.D
Acq: 14 Oct 2022 22:05

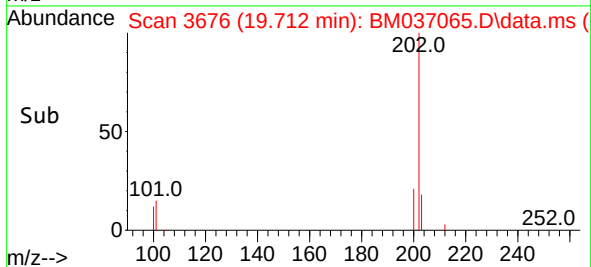
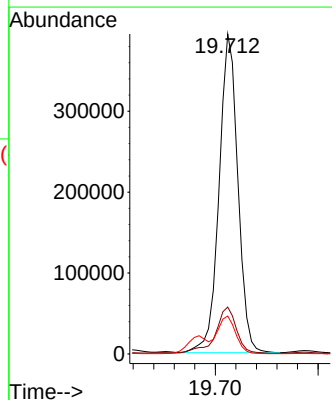
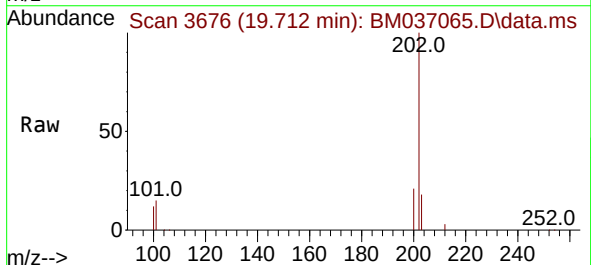
Instrument :
BNA_M
ClientSampleId :
C0BG4

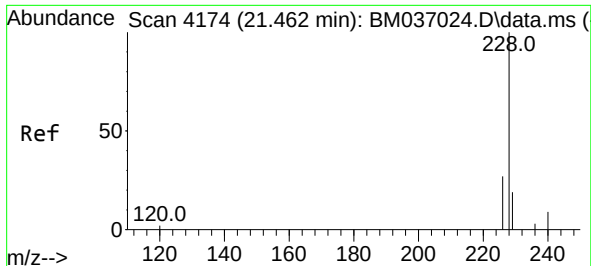
Tgt Ion:202 Resp: 526161
Ion Ratio Lower Upper
202 100
101 12.5 10.1 15.1
100 9.2 7.9 11.9



#20
Pyrene
Concen: 6.127 ng/u1
RT: 19.712 min Scan# 3676
Delta R.T. -0.006 min
Lab File: BM037065.D
Acq: 14 Oct 2022 22:05

Tgt Ion:202 Resp: 501174
Ion Ratio Lower Upper
202 100
101 14.6 12.0 18.0
100 11.8 9.8 14.6

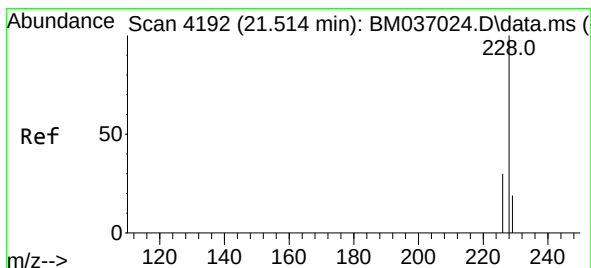
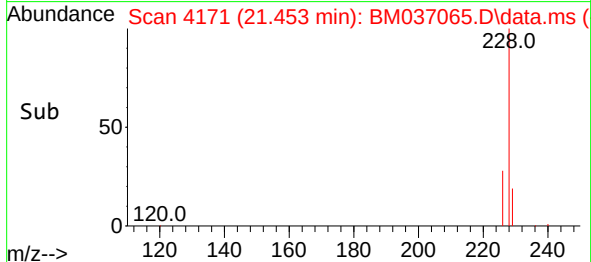
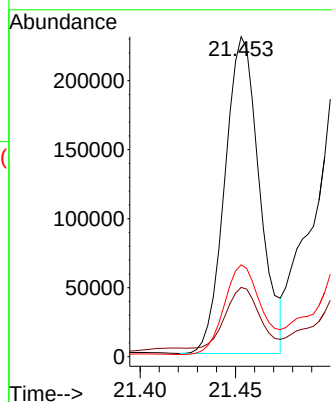
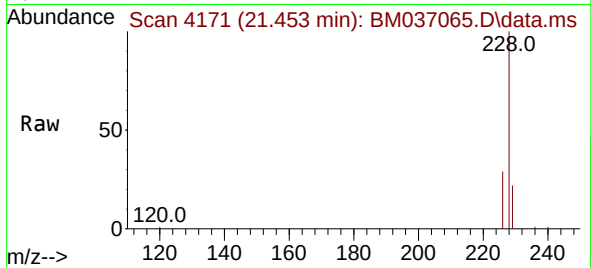




#21
Benzo(a)anthracene
Concen: 4.081 ng/ul
RT: 21.453 min Scan# 4171
Delta R.T. -0.005 min
Lab File: BM037065.D
Acq: 14 Oct 2022 22:05

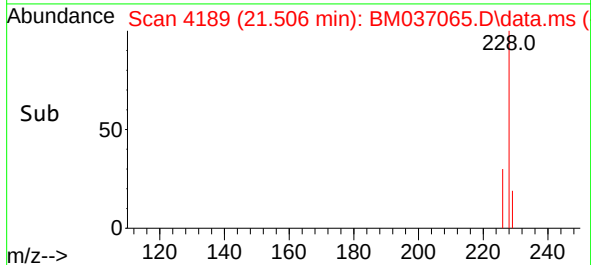
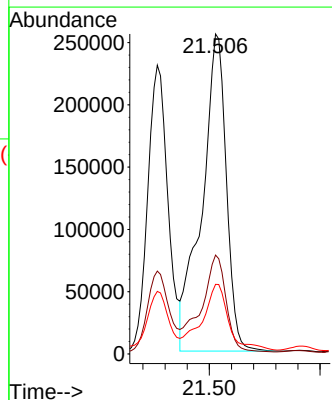
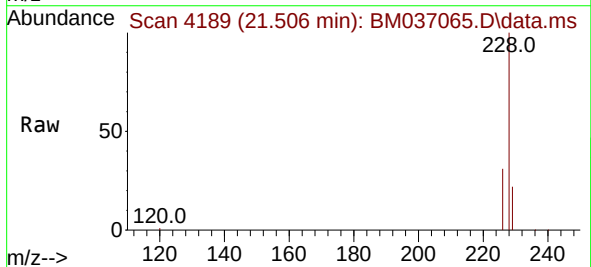
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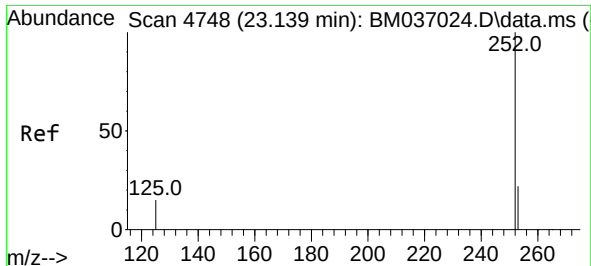
Tgt Ion:228 Resp: 290801
Ion Ratio Lower Upper
228 100
229 21.7 16.2 24.2
226 28.7 22.5 33.7



#22
Chrysene
Concen: 5.107 ng/ul
RT: 21.506 min Scan# 4189
Delta R.T. -0.005 min
Lab File: BM037065.D
Acq: 14 Oct 2022 22:05

Tgt Ion:228 Resp: 390686
Ion Ratio Lower Upper
228 100
226 30.9 24.6 37.0
229 21.7 16.4 24.6

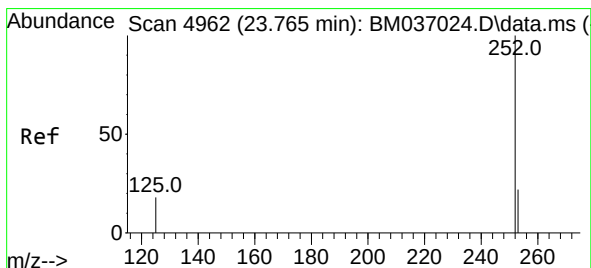
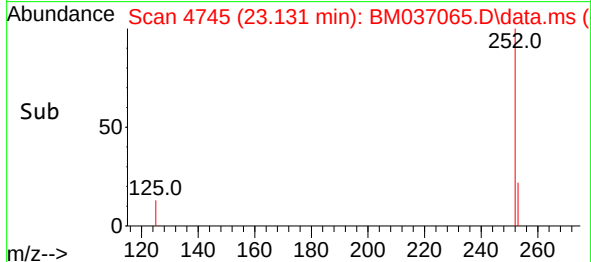
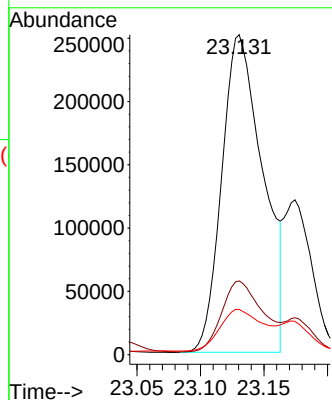
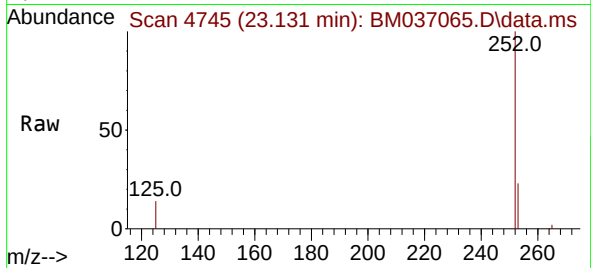




#24
Benzo(b)fluoranthene
Concen: 8.136 ng/ul
RT: 23.131 min Scan# 41
Delta R.T. -0.005 min
Lab File: BM037065.D
Acq: 14 Oct 2022 22:05

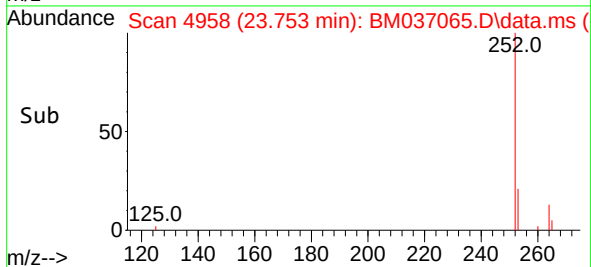
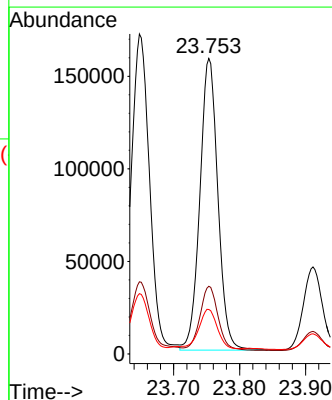
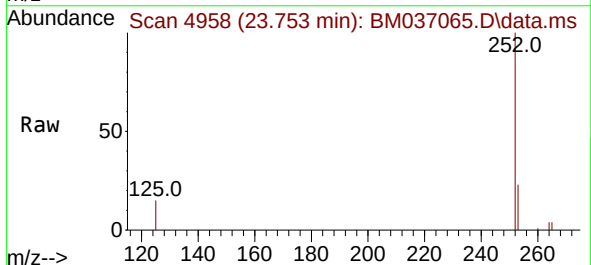
Instrument :
BNA_M
ClientSampleId :
C0BG4

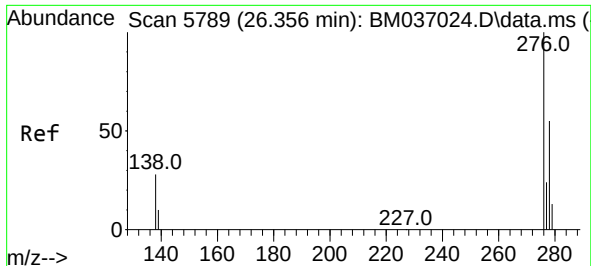
Tgt Ion:252 Resp: 565628
Ion Ratio Lower Upper
252 100
253 23.1 0.0 61.4
125 14.1 0.0 42.6



#26
Benzo(a)pyrene
Concen: 5.313 ng/ul
RT: 23.753 min Scan# 4958
Delta R.T. -0.005 min
Lab File: BM037065.D
Acq: 14 Oct 2022 22:05

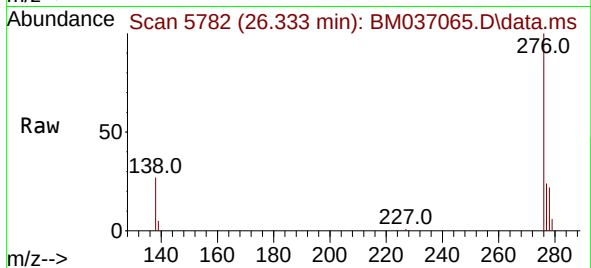
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Ion Ratio Lower Upper
252 100
253 22.9 29.7 44.5#
125 15.1 23.6 35.4#



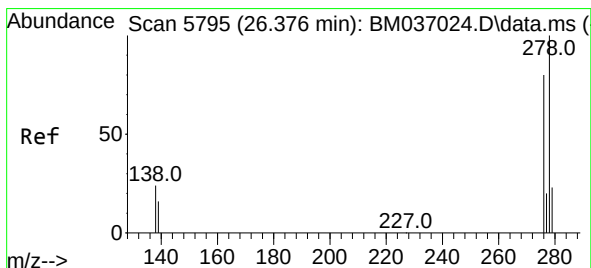
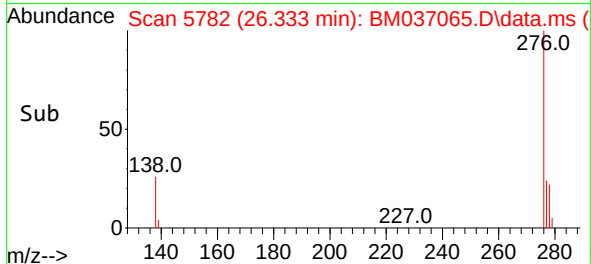
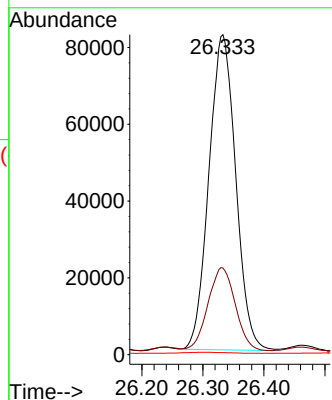


#27
 Indeno(1,2,3-cd)pyrene
 Concen: 3.137 ng/ul
 RT: 26.333 min Scan# 5782
 Delta R.T. -0.009 min
 Lab File: BM037065.D
 Acq: 14 Oct 2022 22:05

Instrument :
 BNA_M
 ClientSampleId :
 C0BG4

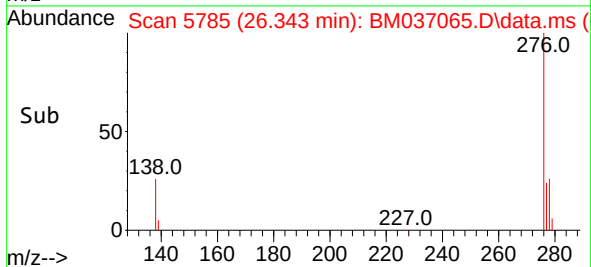
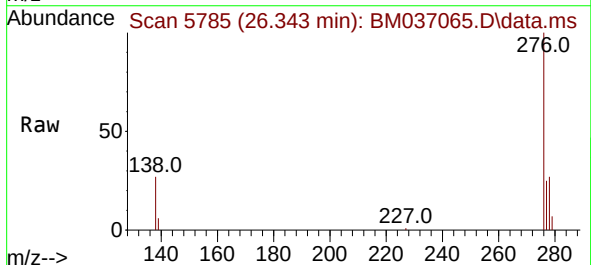
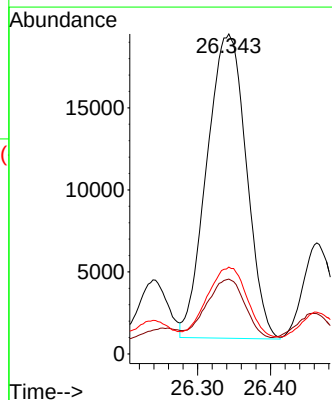


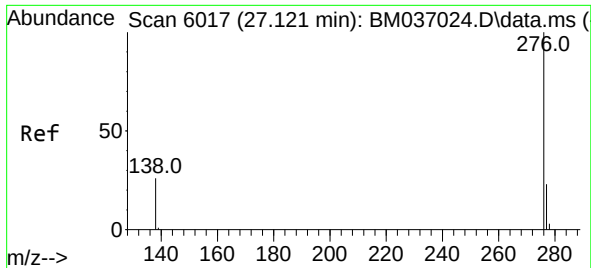
Tgt Ion:276 Resp: 250640
 Ion Ratio Lower Upper
 276 100
 138 27.0 23.9 35.9
 227 0.0 0.1 0.1#



#28
 Dibenzo(a,h)anthracene
 Concen: 1.080 ng/ul
 RT: 26.343 min Scan# 5785
 Delta R.T. -0.019 min
 Lab File: BM037065.D
 Acq: 14 Oct 2022 22:05

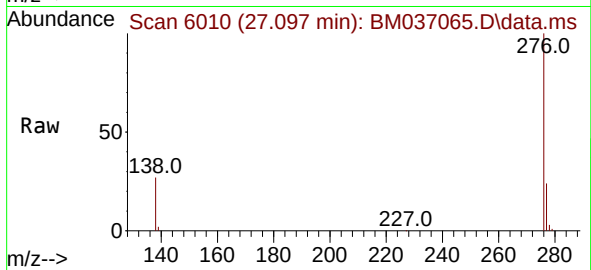
Tgt Ion:278 Resp: 69737
 Ion Ratio Lower Upper
 278 100
 139 23.4 19.8 29.6
 279 27.2 27.7 41.5#





#29
 Benzo(g,h,i)perylene
 Concen: 3.445 ng/ul
 RT: 27.097 min Scan# 6010
 Delta R.T. -0.009 min
 Lab File: BM037065.D
 Acq: 14 Oct 2022 22:05

Instrument :
 BNA_M
 ClientSampleId :
 C0BG4



Tgt Ion:276 Resp: 242590
 Ion Ratio Lower Upper
 276 100
 138 27.4 23.4 35.0
 277 23.8 21.0 31.4

