

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101322\
 Data File : BM037061.D
 Acq On : 14 Oct 2022 19:42
 Operator : CG/JU
 Sample : N5025-03DL 2X
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BD6DL

Quant Time: Oct 14 23:04:47 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)

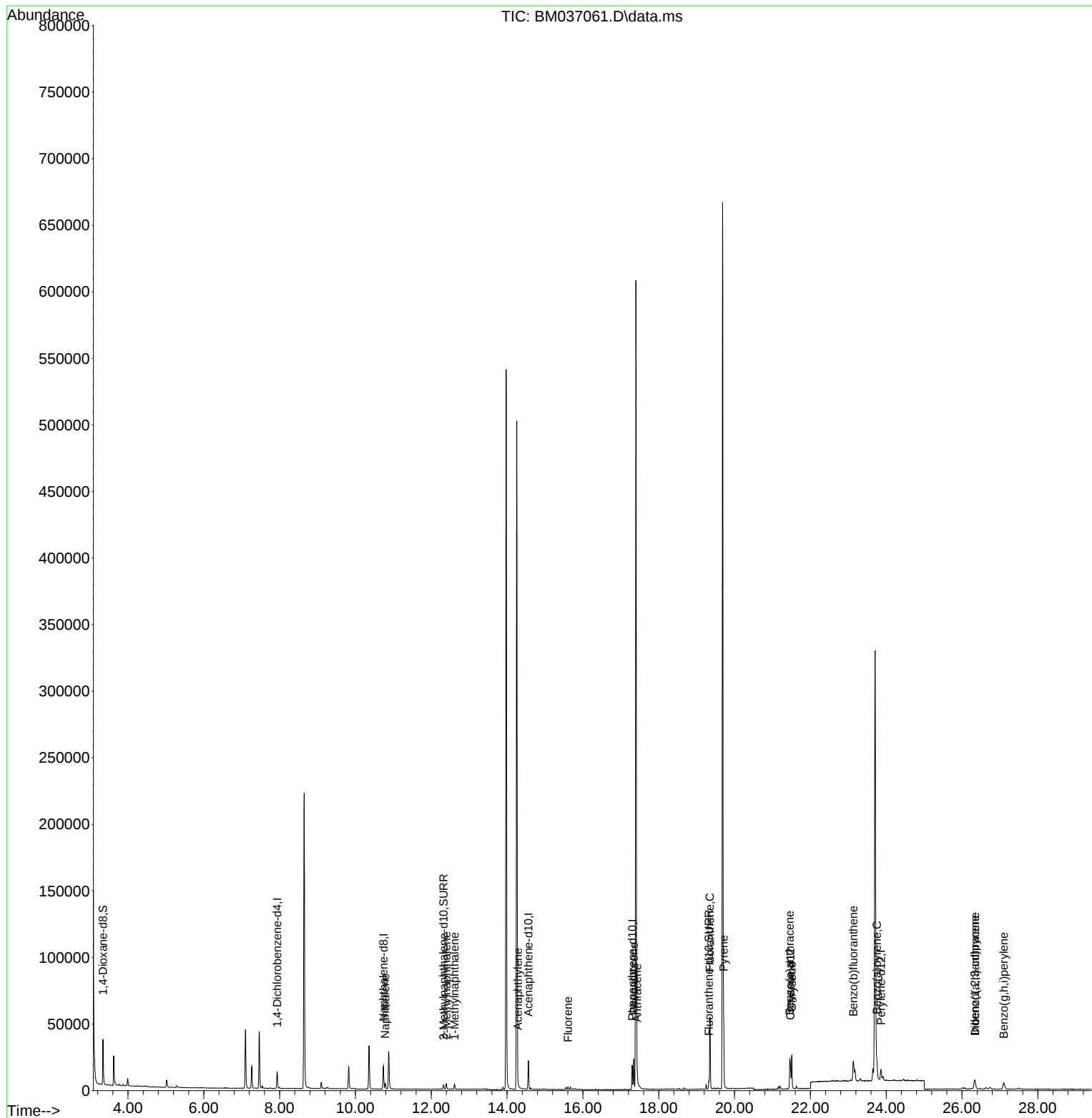
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	6360	0.400	ng/ul	0.00
4) Naphthalene-d8	10.738	136	22784	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.561	164	11663	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.301	188	21024	0.400	ng/ul	0.00
17) Chrysene-d12	21.474	240	12861	0.400	ng/ul	0.00
23) Perylene-d12	23.859	264	11514	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	20832	2.323	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.321	152	4503	0.131	ng/ul	0.00
18) Fluoranthene-d10	19.322	212	6441	0.167	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.787	128	6011	0.092	ng/ul	99
7) 2-Methylnaphthalene	12.398	142	3266	0.082	ng/ul	92
8) 1-Methylnaphthalene	12.613	142	2607	0.064	ng/ul	100
10) Acenaphthylene	14.284	152	1157	0.024	ng/ul#	75
12) Fluorene	15.607	166	1270	0.027	ng/ul#	96
15) Phenanthrene	17.343	178	23514	0.350	ng/ul	100
16) Anthracene	17.432	178	5919	0.106	ng/ul	96
19) Fluoranthene	19.350	202	46902	0.917	ng/ul	99
20) Pyrene	19.712	202	39210	0.735	ng/ul	99
21) Benzo(a)anthracene	21.456	228	16666	0.359	ng/ul	99
22) Chrysene	21.509	228	25125	0.504	ng/ul	99
24) Benzo(b)fluoranthene	23.131	252	24771	0.482	ng/ul	95
26) Benzo(a)pyrene	23.753	252	15811	0.379	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	26.336	276	11725	0.198	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.343	278	2822	0.059	ng/ul#	70
29) Benzo(g,h,i)perylene	27.101	276	10675	0.205	ng/ul	97

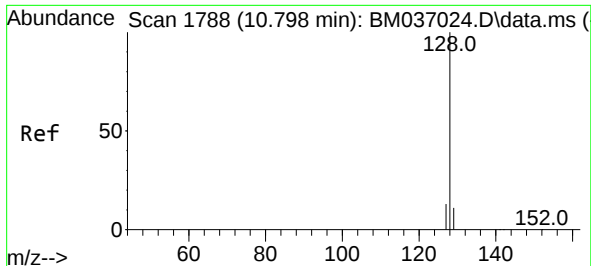
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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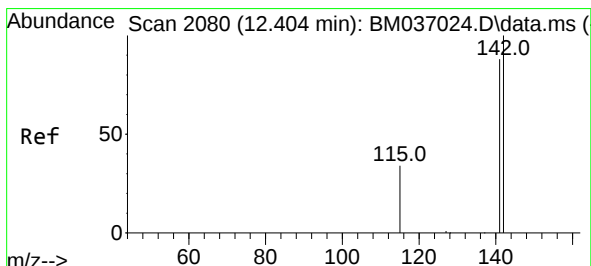
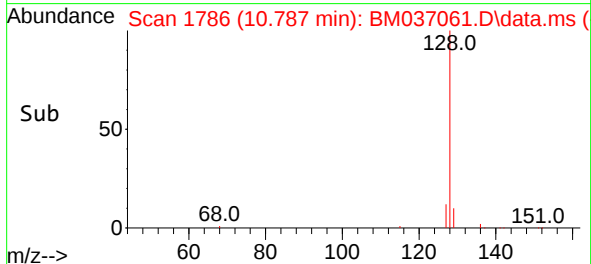
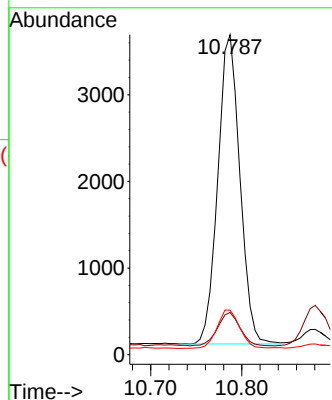
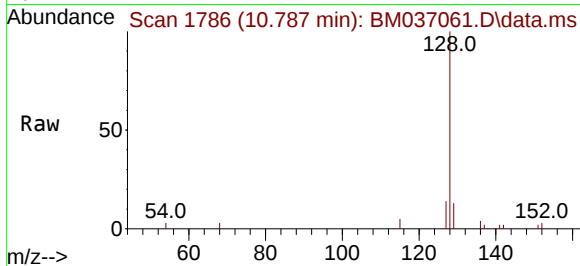




#5
Naphthalene
Concen: 0.092 ng/ul
RT: 10.787 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM037061.D
Acq: 14 Oct 2022 19:42

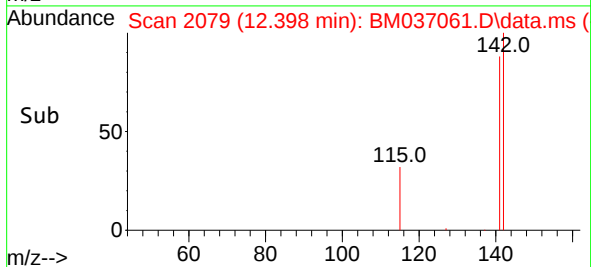
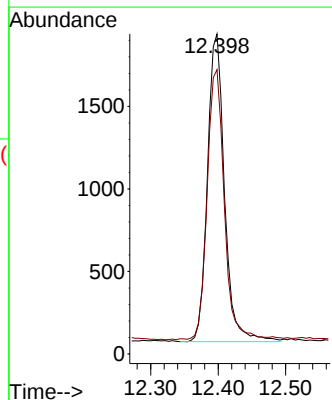
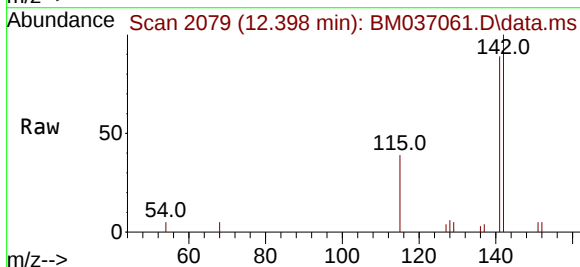
Instrument :
BNA_M
ClientSampleId :
C0BD6DL

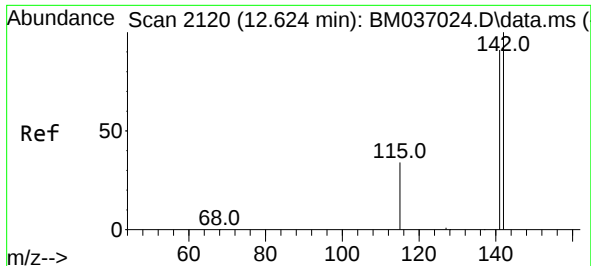
Tgt Ion:128 Resp: 6011
Ion Ratio Lower Upper
128 100
129 13.2 10.2 15.2
127 13.9 11.7 17.5



#7
2-Methylnaphthalene
Concen: 0.082 ng/ul
RT: 12.398 min Scan# 2079
Delta R.T. 0.000 min
Lab File: BM037061.D
Acq: 14 Oct 2022 19:42

Tgt Ion:142 Resp: 3266
Ion Ratio Lower Upper
142 100
141 89.3 77.4 116.0

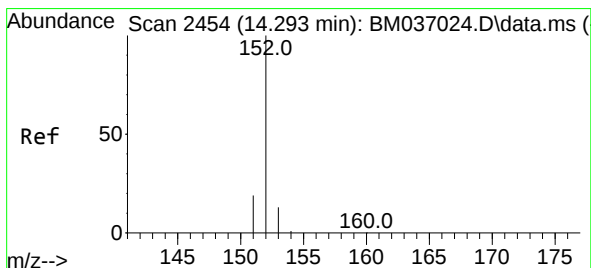
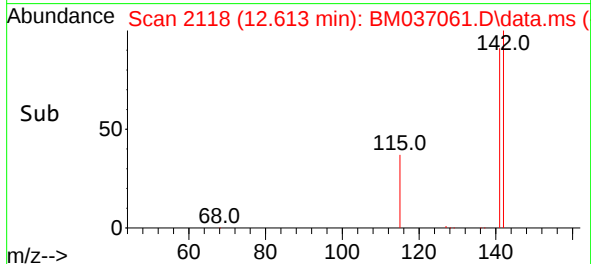
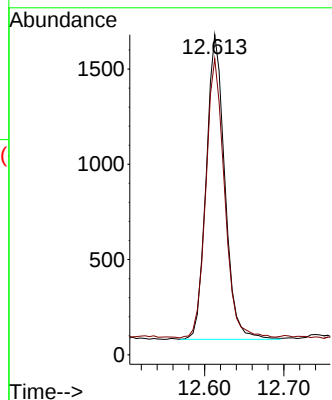
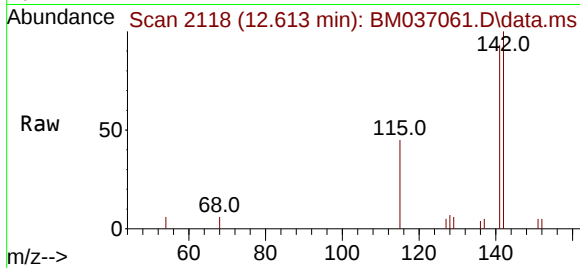




#8
1-Methylnaphthalene
Concen: 0.064 ng/ul
RT: 12.613 min Scan# 2118
Delta R.T. -0.005 min
Lab File: BM037061.D
Acq: 14 Oct 2022 19:42

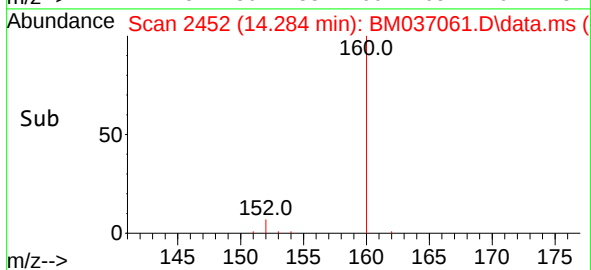
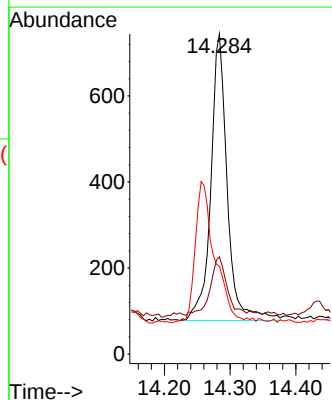
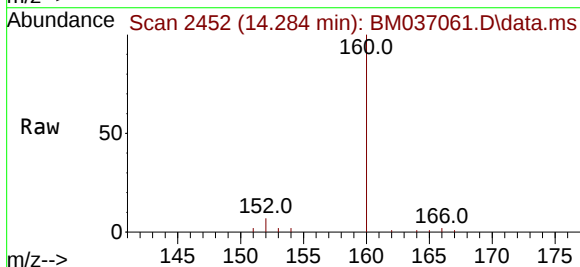
Instrument :
BNA_M
ClientSampleId :
C0BD6DL

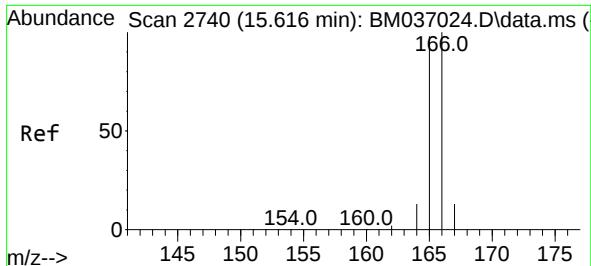
Tgt Ion:142 Resp: 2607
Ion Ratio Lower Upper
142 100
141 92.2 74.1 111.1



#10
Acenaphthylene
Concen: 0.024 ng/ul
RT: 14.284 min Scan# 2452
Delta R.T. -0.001 min
Lab File: BM037061.D
Acq: 14 Oct 2022 19:42

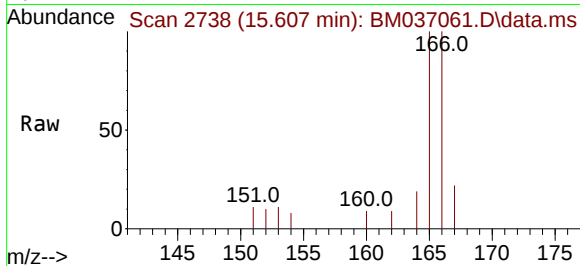
Tgt Ion:152 Resp: 1157
Ion Ratio Lower Upper
152 100
151 30.4 16.6 24.8#
153 27.4 11.4 17.0#



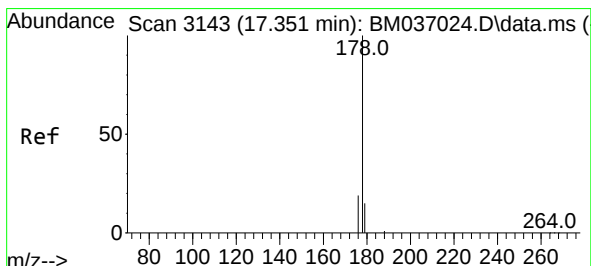
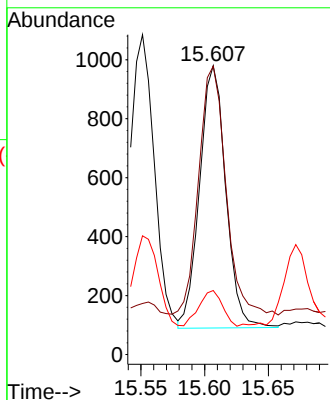
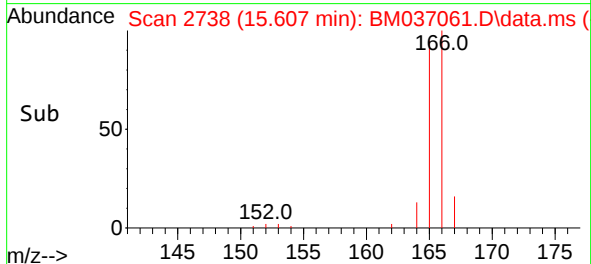


#12
Fluorene
Concen: 0.027 ng/ul
RT: 15.607 min Scan# 21
Delta R.T. -0.001 min
Lab File: BM037061.D
Acq: 14 Oct 2022 19:42

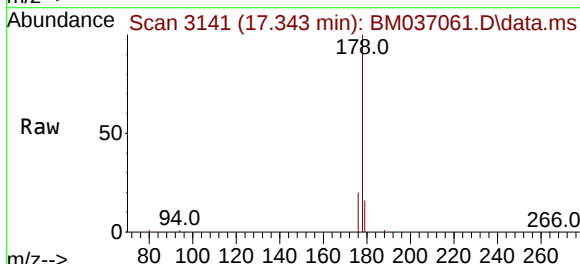
Instrument :
BNA_M
ClientSampleId :
C0BD6DL



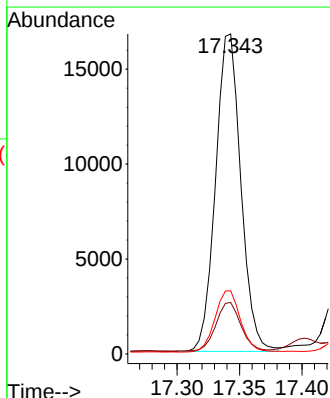
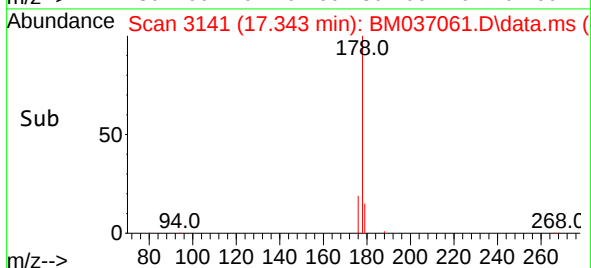
Tgt Ion:166 Resp: 1270
Ion Ratio Lower Upper
166 100
165 99.8 78.9 118.3
167 22.1 11.3 16.9#

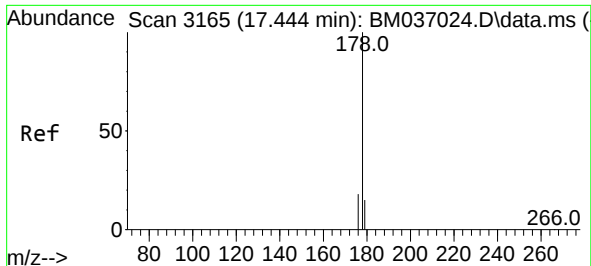


#15
Phenanthrene
Concen: 0.350 ng/ul
RT: 17.343 min Scan# 3141
Delta R.T. -0.001 min
Lab File: BM037061.D
Acq: 14 Oct 2022 19:42



Tgt Ion:178 Resp: 23514
Ion Ratio Lower Upper
178 100
179 16.1 13.0 19.6
176 19.7 15.6 23.4

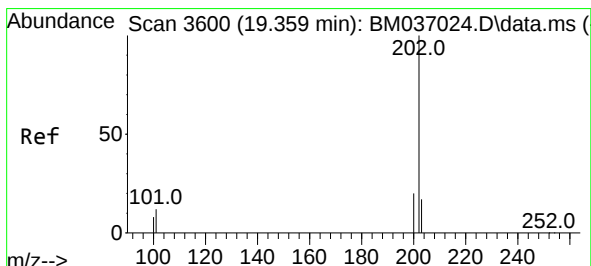
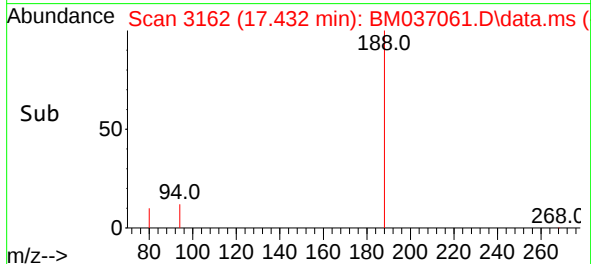
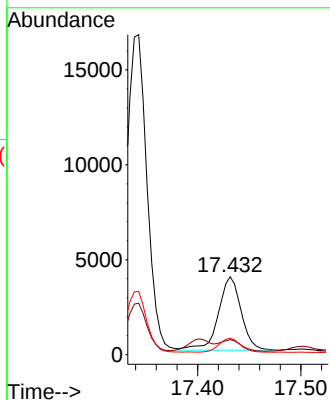
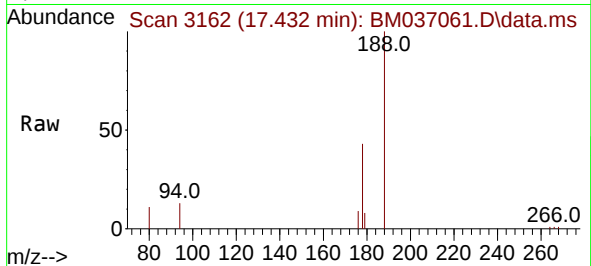




#16
 Anthracene
 Concen: 0.106 ng/ul
 RT: 17.432 min Scan# 3162
 Delta R.T. -0.005 min
 Lab File: BM037061.D
 Acq: 14 Oct 2022 19:42

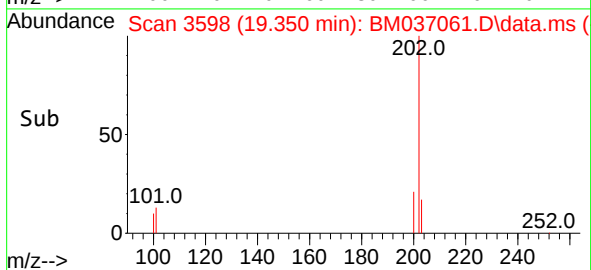
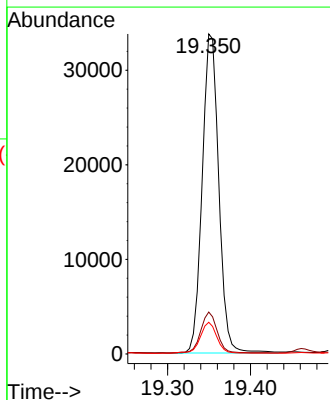
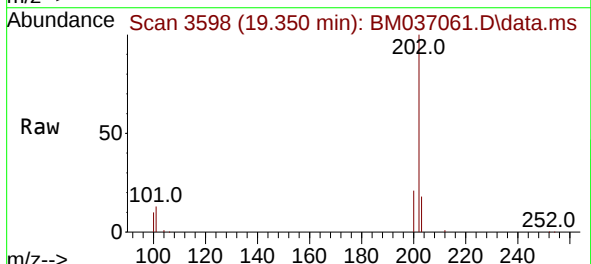
Instrument :
 BNA_M
 ClientSampleId :
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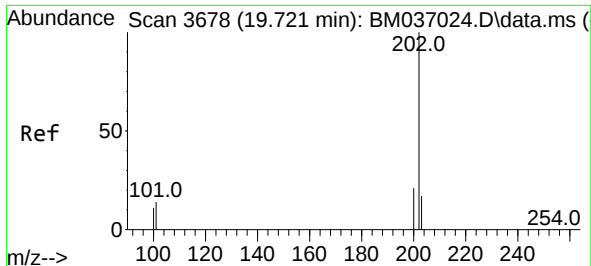
Tgt Ion:	178	Resp:	5919
Ion Ratio	Lower	Upper	
178	100		
179	19.3	13.6	20.4
176	21.0	15.6	23.4



#19
 Fluoranthene
 Concen: 0.917 ng/ul
 RT: 19.350 min Scan# 3598
 Delta R.T. -0.005 min
 Lab File: BM037061.D
 Acq: 14 Oct 2022 19:42

Tgt Ion:	202	Resp:	46902
Ion Ratio	Lower	Upper	
202	100		
101	13.1	10.1	15.1
100	9.9	7.9	11.9

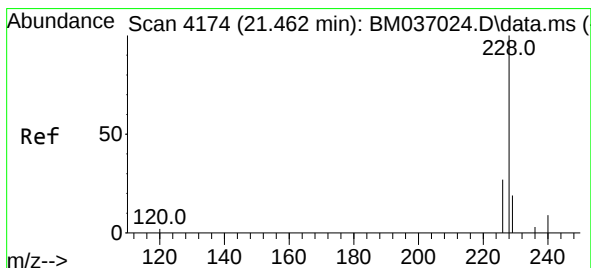
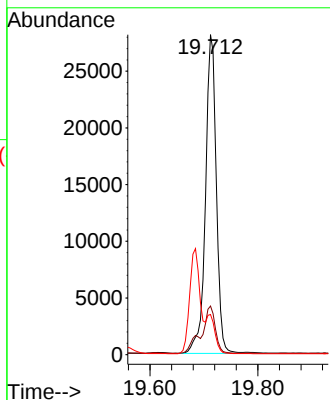
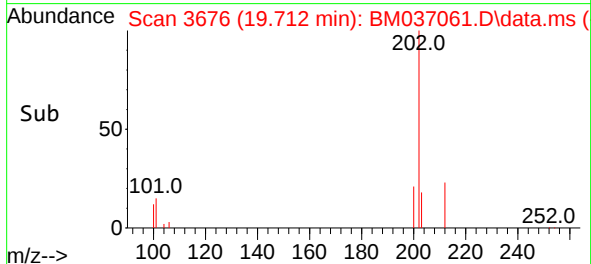
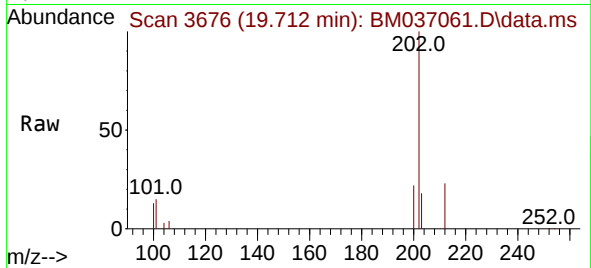




#20
Pyrene
Concen: 0.735 ng/ul
RT: 19.712 min Scan# 30
Delta R.T. -0.005 min
Lab File: BM037061.D
Acq: 14 Oct 2022 19:42

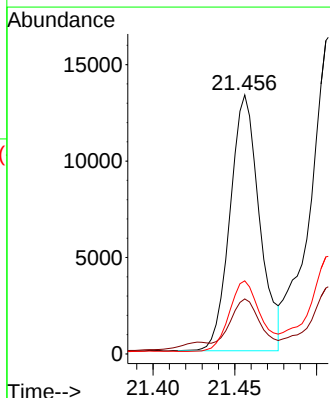
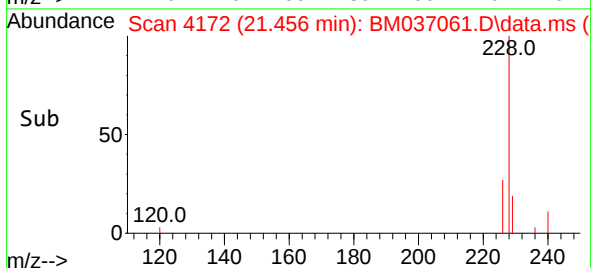
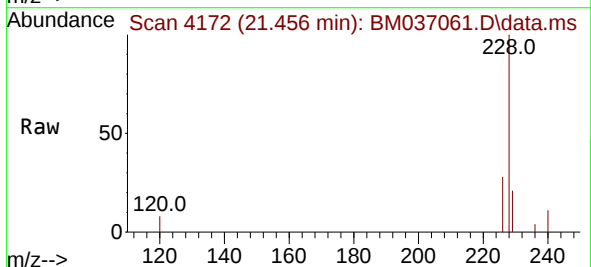
Instrument :
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ClientSampleId :
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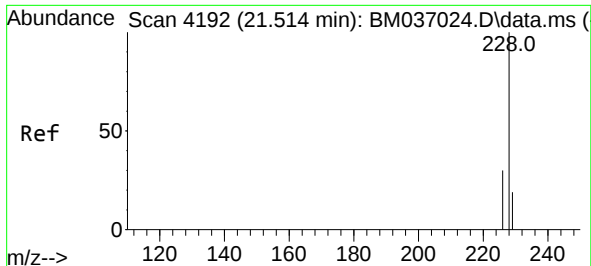
Tgt Ion:202 Resp: 39210
Ion Ratio Lower Upper
202 100
101 15.2 12.0 18.0
100 12.5 9.8 14.6



#21
Benzo(a)anthracene
Concen: 0.359 ng/ul
RT: 21.456 min Scan# 4172
Delta R.T. -0.002 min
Lab File: BM037061.D
Acq: 14 Oct 2022 19:42

Tgt Ion:228 Resp: 16666
Ion Ratio Lower Upper
228 100
229 21.3 16.2 24.2
226 28.2 22.5 33.7





#22

Chrysene

Concen: 0.504 ng/ul

RT: 21.509 min Scan# 4190

Delta R.T. -0.002 min

Lab File: BM037061.D

Acq: 14 Oct 2022 19:42

Instrument :

BNA_M

ClientSampleId :

C0BD6DL

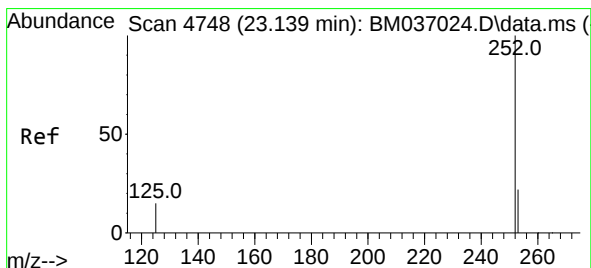
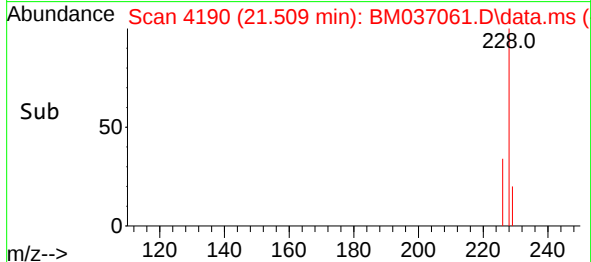
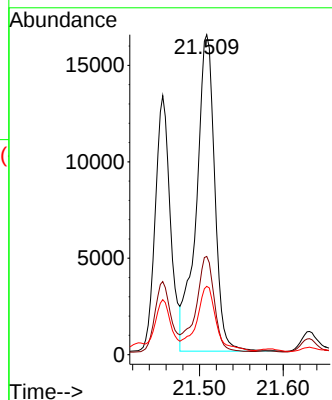
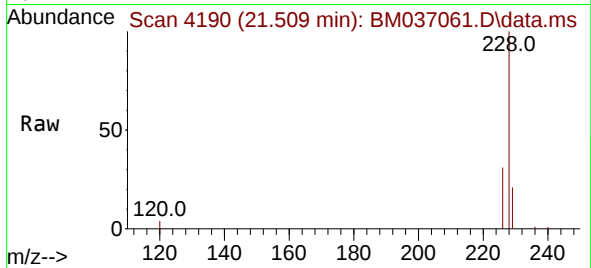
Tgt Ion:228 Resp: 25125

Ion Ratio Lower Upper

228 100

226 30.7 24.6 37.0

229 21.4 16.4 24.6



#24

Benzo(b)fluoranthene

Concen: 0.482 ng/ul

RT: 23.131 min Scan# 4745

Delta R.T. -0.005 min

Lab File: BM037061.D

Acq: 14 Oct 2022 19:42

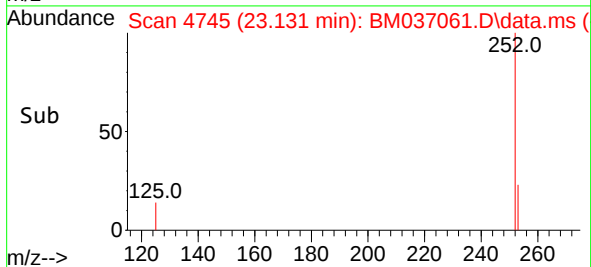
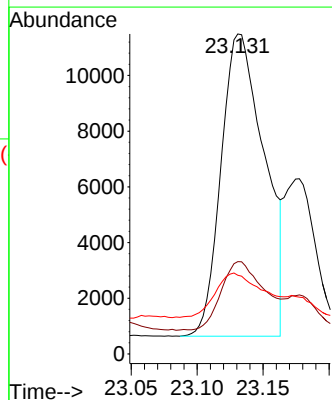
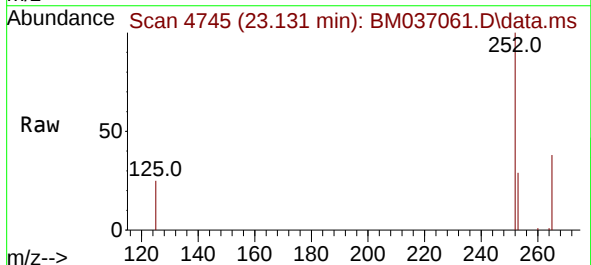
Tgt Ion:252 Resp: 24771

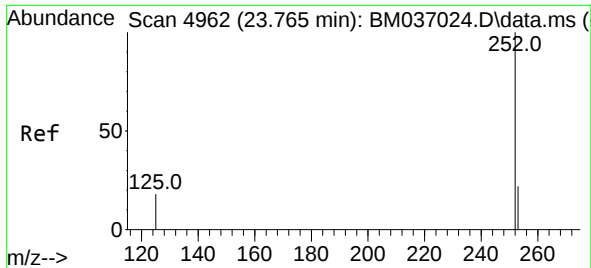
Ion Ratio Lower Upper

252 100

253 28.8 0.0 61.4

125 24.6 0.0 42.6

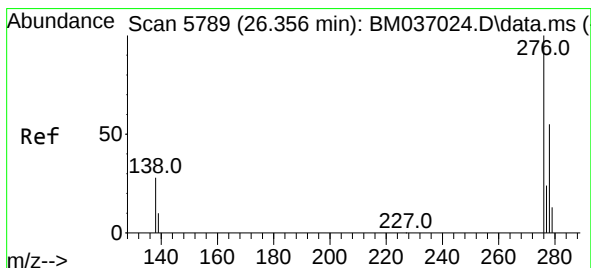
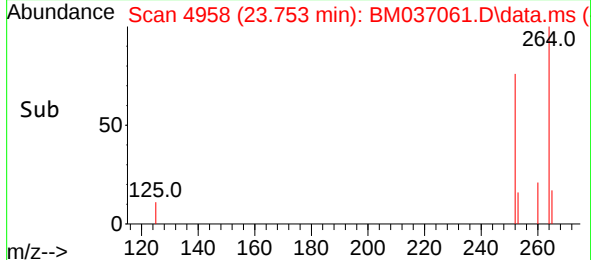
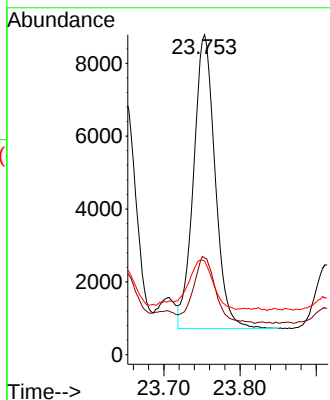
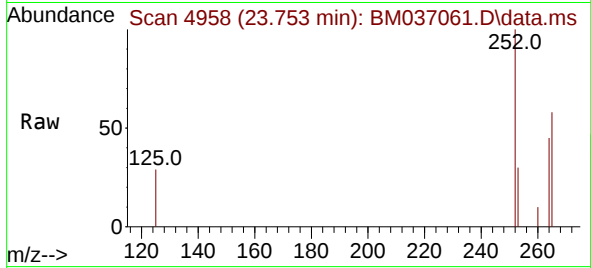




#26
Benzo(a)pyrene
Concen: 0.379 ng/ul
RT: 23.753 min Scan# 4958
Delta R.T. -0.005 min
Lab File: BM037061.D
Acq: 14 Oct 2022 19:42

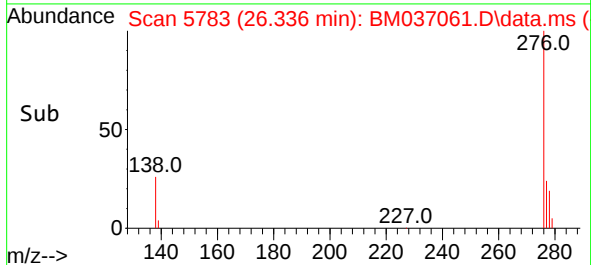
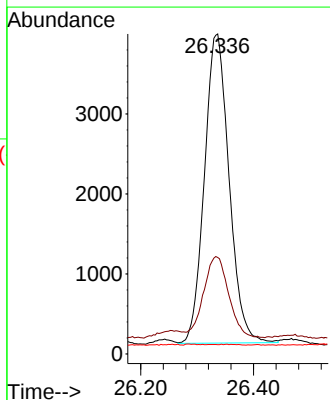
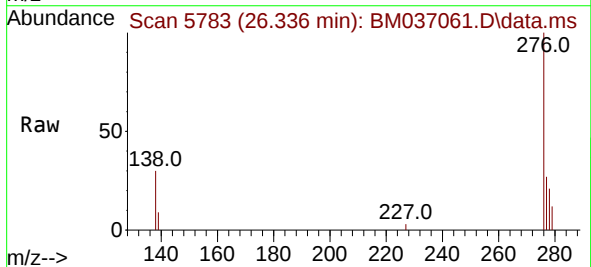
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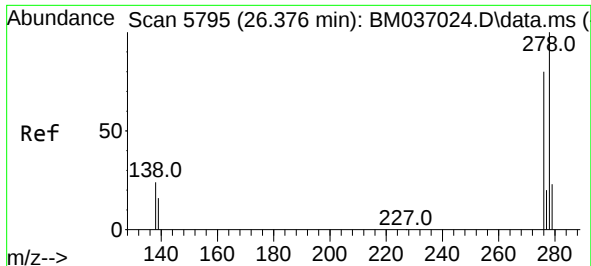
Tgt Ion:	252	Resp:	15811
Ion Ratio	Lower	Upper	
252	100		
253	30.2	29.7	44.5
125	29.3	23.6	35.4



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.198 ng/ul
RT: 26.336 min Scan# 5783
Delta R.T. -0.006 min
Lab File: BM037061.D
Acq: 14 Oct 2022 19:42

Tgt Ion:	276	Resp:	11725
Ion Ratio	Lower	Upper	
276	100		
138	27.3	23.9	35.9
227	0.0	0.1	0.1

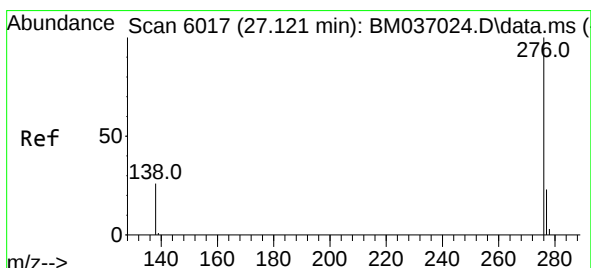
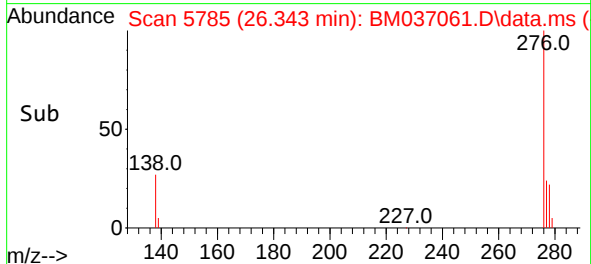
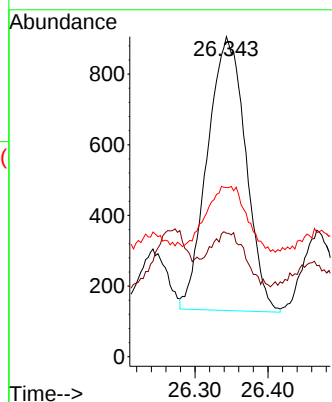
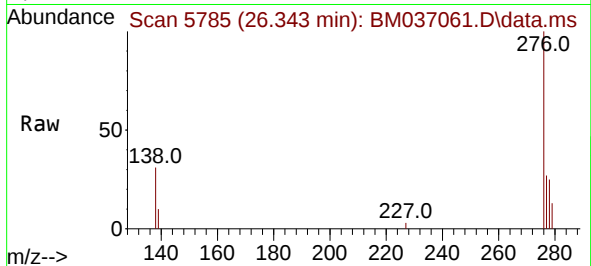




#28
Dibenzo(a,h)anthracene
Concen: 0.059 ng/ul
RT: 26.343 min Scan# 51
Delta R.T. -0.019 min
Lab File: BM037061.D
Acq: 14 Oct 2022 19:42

Instrument :
BNA_M
ClientSampleId :
C0BD6DL

Tgt Ion:278 Resp: 2822
Ion Ratio Lower Upper
278 100
139 38.6 19.8 29.6#
279 52.9 27.7 41.5#



#29
Benzo(g,h,i)perylene
Concen: 0.205 ng/ul
RT: 27.101 min Scan# 6011
Delta R.T. -0.006 min
Lab File: BM037061.D
Acq: 14 Oct 2022 19:42

Tgt Ion:276 Resp: 10675
Ion Ratio Lower Upper
276 100
138 31.1 23.4 35.0
277 27.1 21.0 31.4

