

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101322\
 Data File : BM037064.D
 Acq On : 14 Oct 2022 21:29
 Operator : CG/JU
 Sample : N5049-01
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BG3

Quant Time: Oct 14 23:05:43 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)

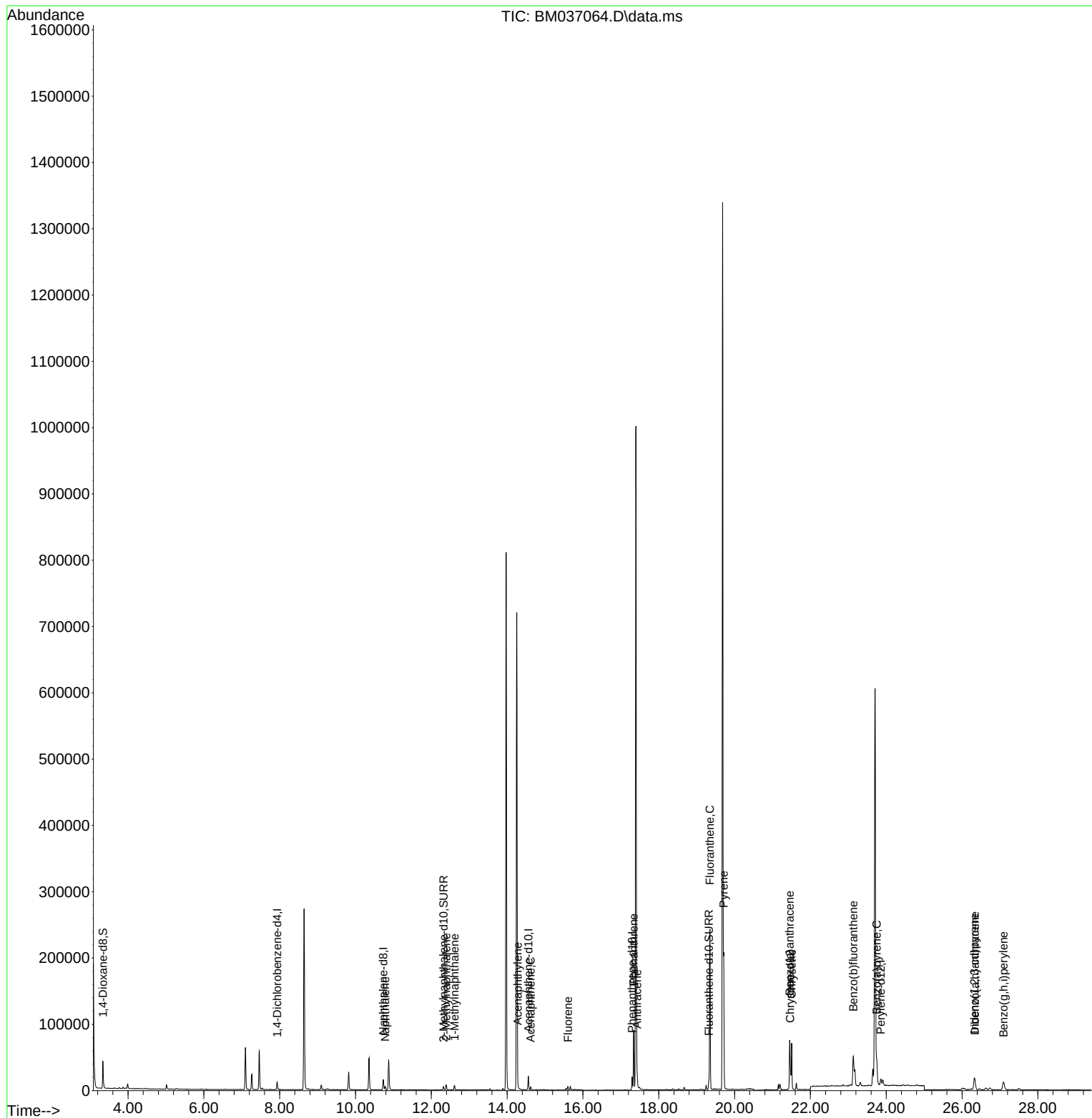
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	5786	0.400	ng/ul	0.00
4) Naphthalene-d8	10.732	136	21083	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.561	164	11076	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.296	188	22589	0.400	ng/ul	0.00
17) Chrysene-d12	21.470	240	17393	0.400	ng/ul	0.00
23) Perylene-d12	23.856	264	13488	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.339	96	27123	3.324	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.321	152	7032	0.221	ng/ul	0.00
18) Fluoranthene-d10	19.322	212	13581	0.261	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.787	128	7271	0.121	ng/ul	99
7) 2-Methylnaphthalene	12.393	142	5594	0.152	ng/ul	92
8) 1-Methylnaphthalene	12.613	142	4761	0.127	ng/ul	100
10) Acenaphthylene	14.279	152	3157	0.069	ng/ul#	89
11) Acenaphthene	14.621	153	2686	0.067	ng/ul	98
12) Fluorene	15.607	166	3188	0.070	ng/ul#	97
15) Phenanthrene	17.338	178	93662	1.299	ng/ul	99
16) Anthracene	17.431	178	14248	0.236	ng/ul	100
19) Fluoranthene	19.349	202	195772	2.830	ng/ul	99
20) Pyrene	19.712	202	158976	2.204	ng/ul	99
21) Benzo(a)anthracene	21.453	228	61320	0.976	ng/ul	100
22) Chrysene	21.506	228	68535	1.016	ng/ul	99
24) Benzo(b)fluoranthene	23.131	252	73950	1.227	ng/ul	90
26) Benzo(a)pyrene	23.750	252	46503	0.951	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	26.326	276	31256	0.451	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.339	278	7088	0.127	ng/ul	95
29) Benzo(g,h,i)perylene	27.094	276	27324	0.448	ng/ul	99

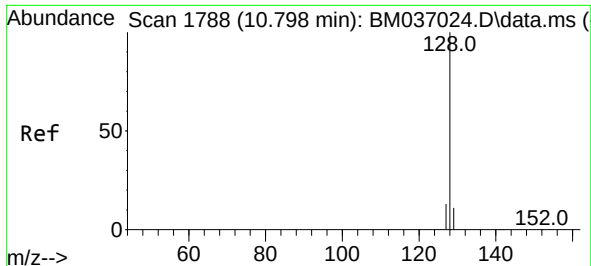
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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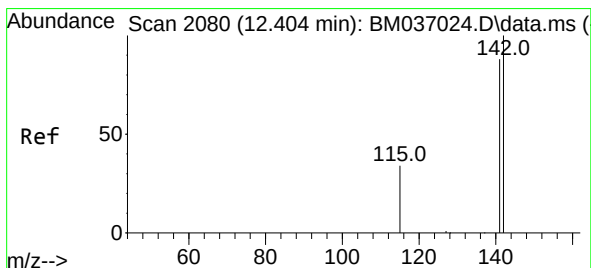
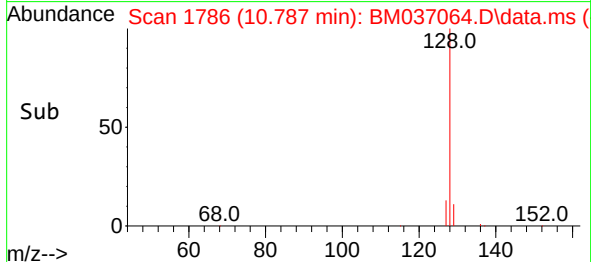
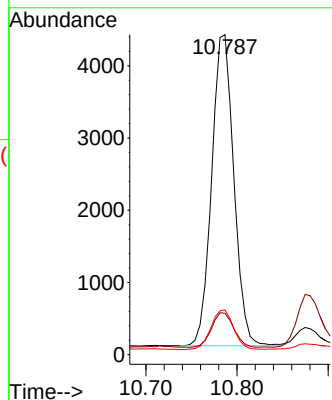
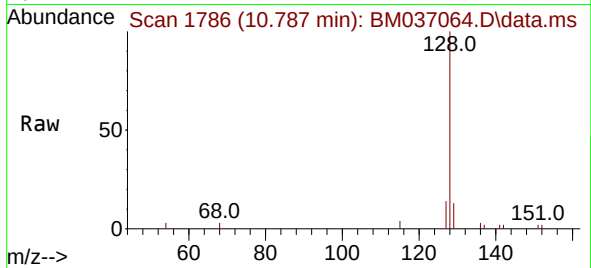




#5
Naphthalene
Concen: 0.121 ng/ul
RT: 10.787 min Scan# 1786
Delta R.T. -0.000 min
Lab File: BM037064.D
Acq: 14 Oct 2022 21:29

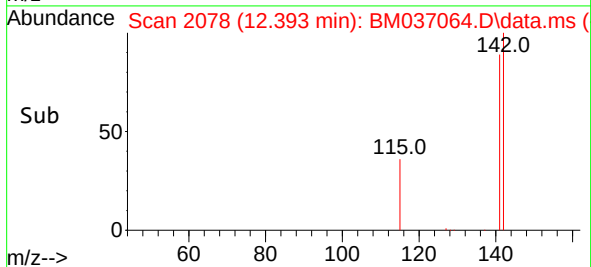
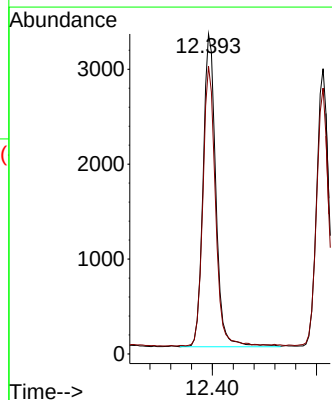
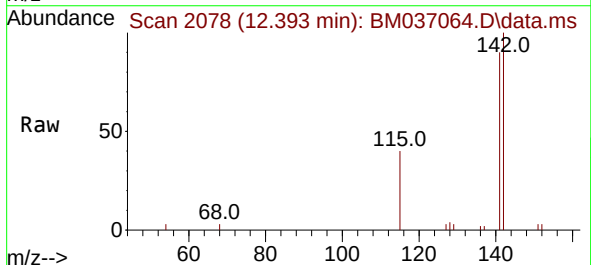
Instrument :
BNA_M
ClientSampleId :
C0BG3

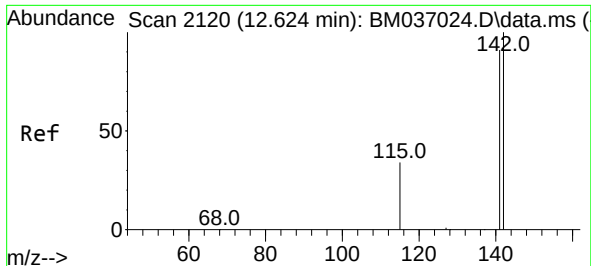
Tgt Ion:128 Resp: 7271
Ion Ratio Lower Upper
128 100
129 13.0 10.2 15.2
127 14.0 11.7 17.5



#7
2-Methylnaphthalene
Concen: 0.152 ng/ul
RT: 12.393 min Scan# 2078
Delta R.T. -0.006 min
Lab File: BM037064.D
Acq: 14 Oct 2022 21:29

Tgt Ion:142 Resp: 5594
Ion Ratio Lower Upper
142 100
141 88.6 77.4 116.0

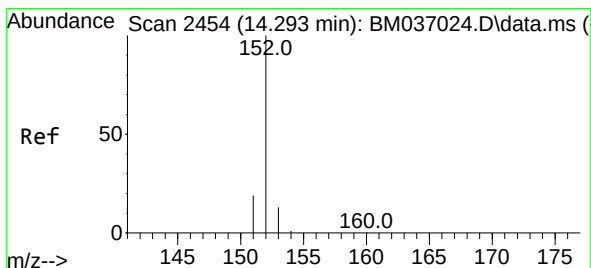
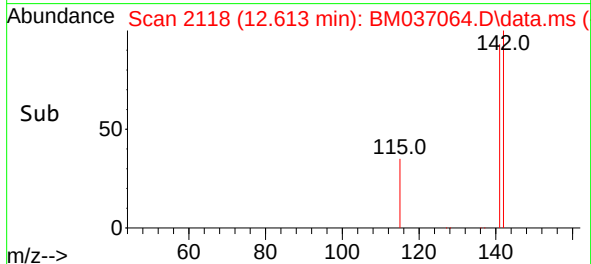
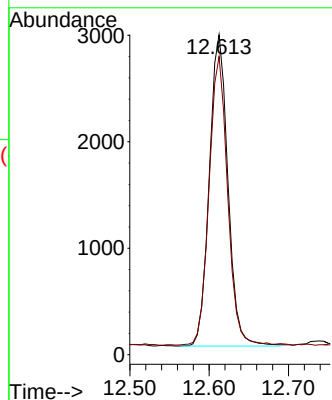
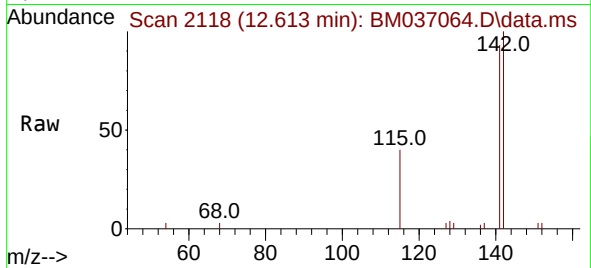




#8
1-Methylnaphthalene
Concen: 0.127 ng/ul
RT: 12.613 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BM037064.D
Acq: 14 Oct 2022 21:29

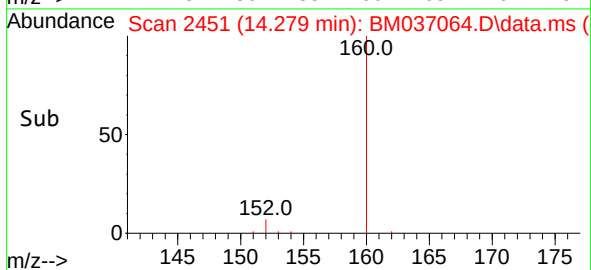
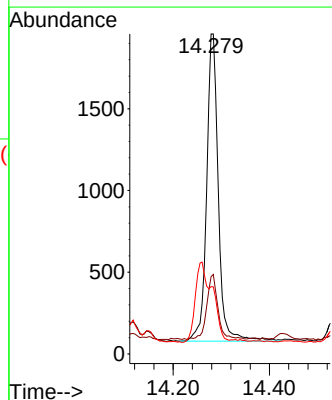
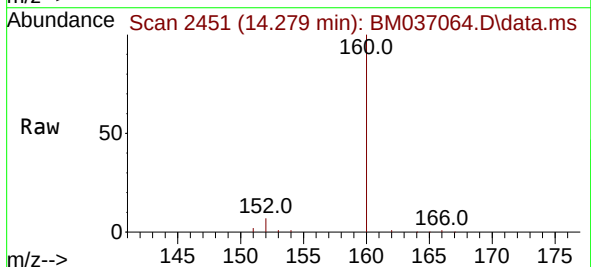
Instrument :
BNA_M
ClientSampleId :
C0BG3

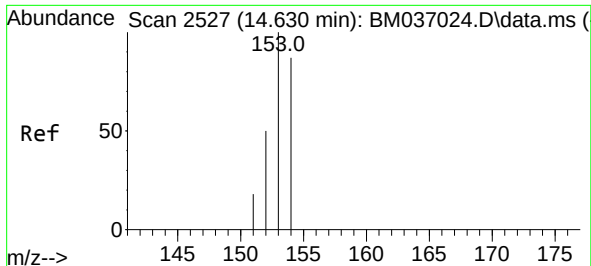
Tgt Ion:142 Resp: 4761
Ion Ratio Lower Upper
142 100
141 92.2 74.1 111.1



#10
Acenaphthylene
Concen: 0.069 ng/ul
RT: 14.279 min Scan# 2451
Delta R.T. -0.006 min
Lab File: BM037064.D
Acq: 14 Oct 2022 21:29

Tgt Ion:152 Resp: 3157
Ion Ratio Lower Upper
152 100
151 24.2 16.6 24.8
153 21.0 11.4 17.0#

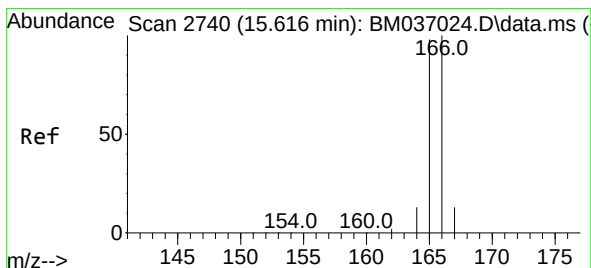
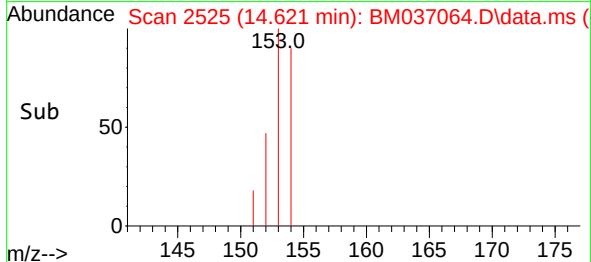
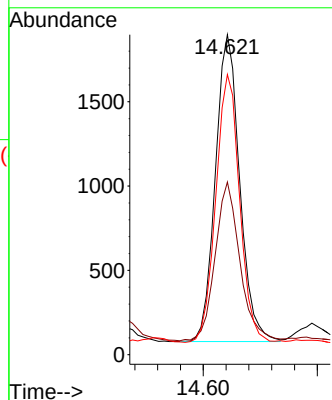
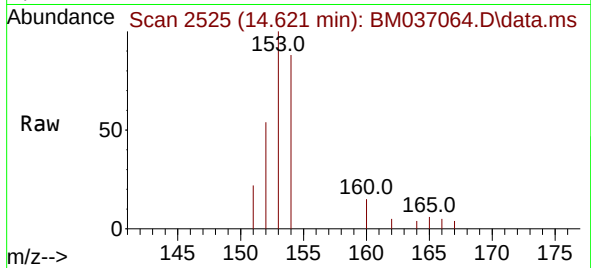




#11
Acenaphthene
Concen: 0.067 ng/ul
RT: 14.621 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM037064.D
Acq: 14 Oct 2022 21:29

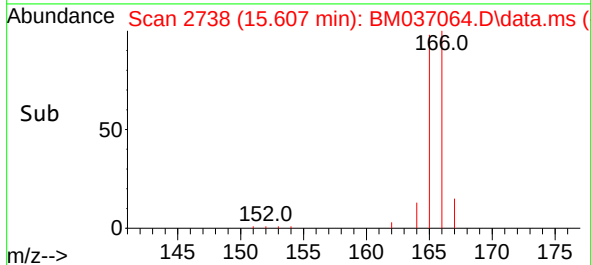
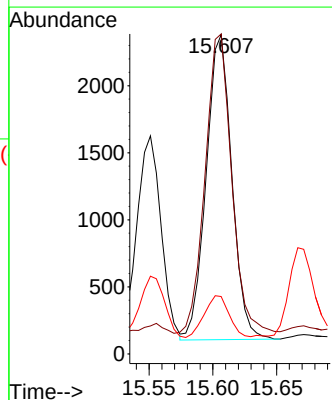
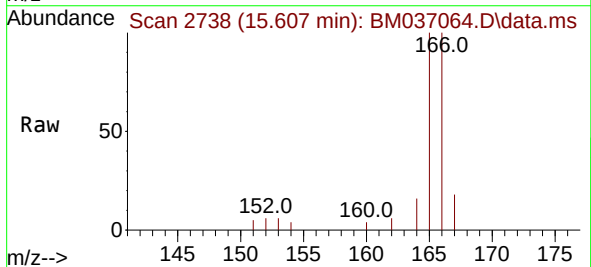
Instrument :
BNA_M
ClientSampleId :
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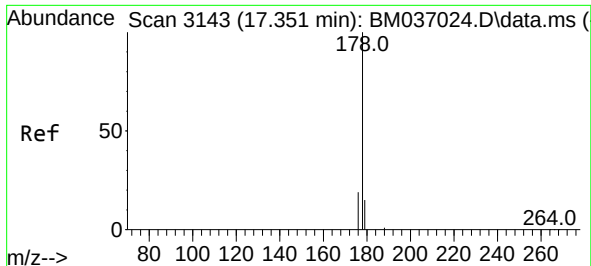
Tgt Ion:153 Resp: 2686
Ion Ratio Lower Upper
153 100
152 54.0 40.2 60.4
154 87.6 69.7 104.5



#12
Fluorene
Concen: 0.070 ng/ul
RT: 15.607 min Scan# 2738
Delta R.T. -0.001 min
Lab File: BM037064.D
Acq: 14 Oct 2022 21:29

Tgt Ion:166 Resp: 3188
Ion Ratio Lower Upper
166 100
165 100.3 78.9 118.3
167 18.0 11.3 16.9#

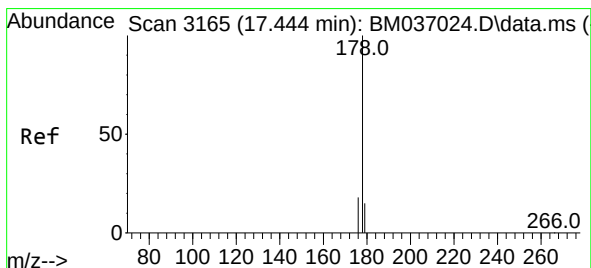
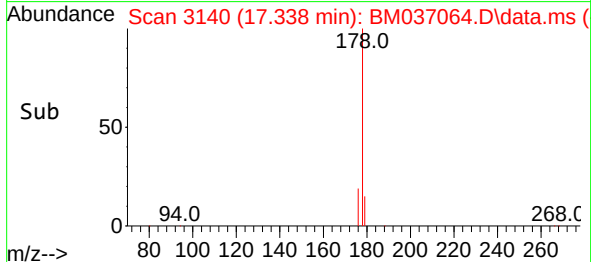
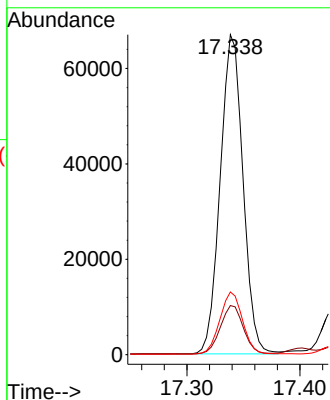
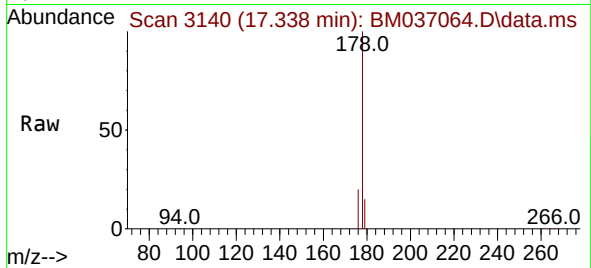




#15
Phenanthrene
Concen: 1.299 ng/ul
RT: 17.338 min Scan# 3140
Delta R.T. -0.005 min
Lab File: BM037064.D
Acq: 14 Oct 2022 21:29

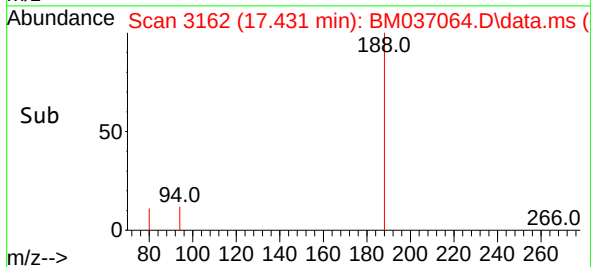
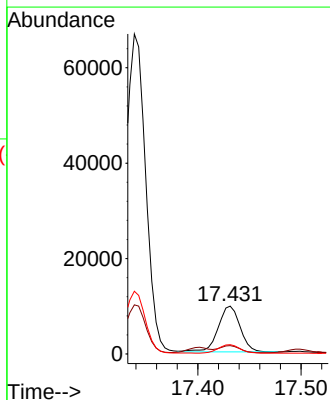
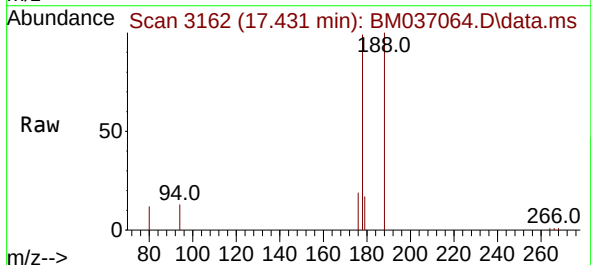
Instrument :
BNA_M
ClientSampleId :
C0BG3

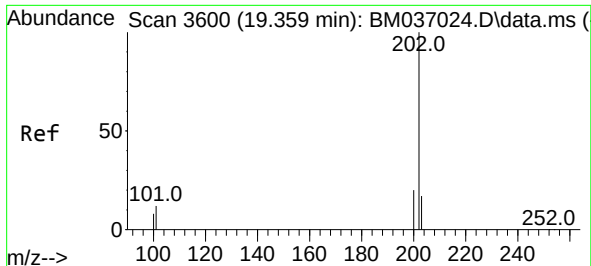
Tgt Ion:178 Resp: 93662
Ion Ratio Lower Upper
178 100
179 15.4 13.0 19.6
176 19.6 15.6 23.4



#16
Anthracene
Concen: 0.236 ng/ul
RT: 17.431 min Scan# 3162
Delta R.T. -0.005 min
Lab File: BM037064.D
Acq: 14 Oct 2022 21:29

Tgt Ion:178 Resp: 14248
Ion Ratio Lower Upper
178 100
179 17.4 13.6 20.4
176 19.5 15.6 23.4

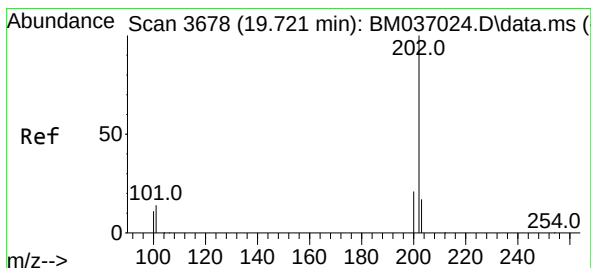
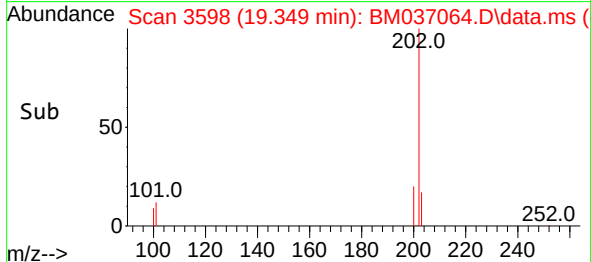
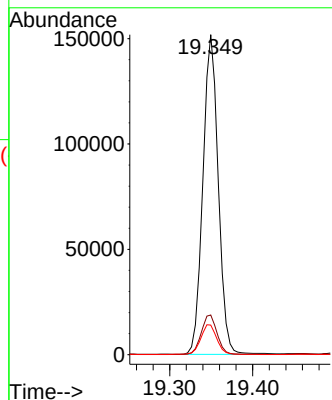
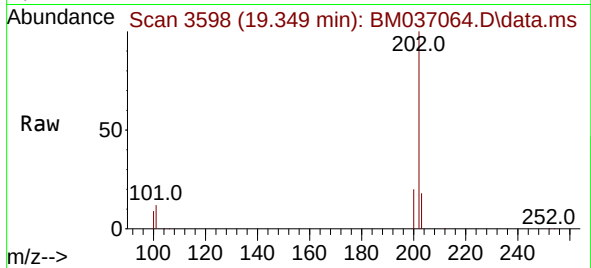




#19
Fluoranthene
Concen: 2.830 ng/ul
RT: 19.349 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM037064.D
Acq: 14 Oct 2022 21:29

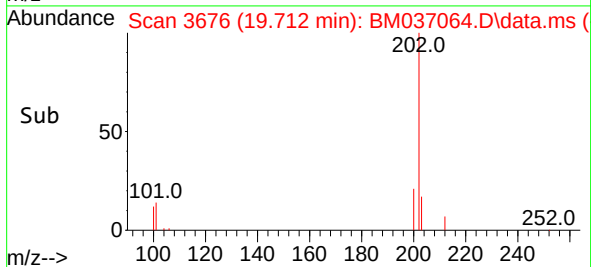
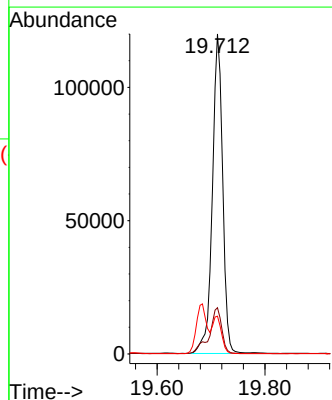
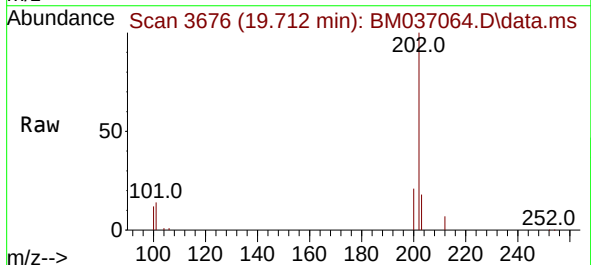
Instrument :
BNA_M
ClientSampleId :
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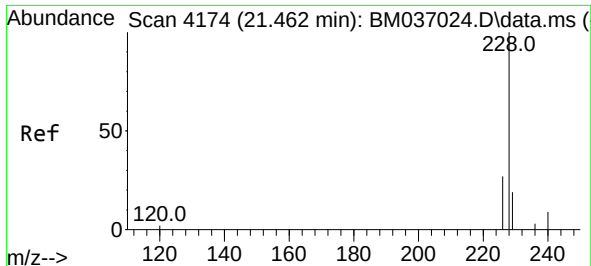
Tgt Ion:202 Resp: 195772
Ion Ratio Lower Upper
202 100
101 12.4 10.1 15.1
100 9.3 7.9 11.9



#20
Pyrene
Concen: 2.204 ng/ul
RT: 19.712 min Scan# 3676
Delta R.T. -0.006 min
Lab File: BM037064.D
Acq: 14 Oct 2022 21:29

Tgt Ion:202 Resp: 158976
Ion Ratio Lower Upper
202 100
101 14.4 12.0 18.0
100 11.8 9.8 14.6

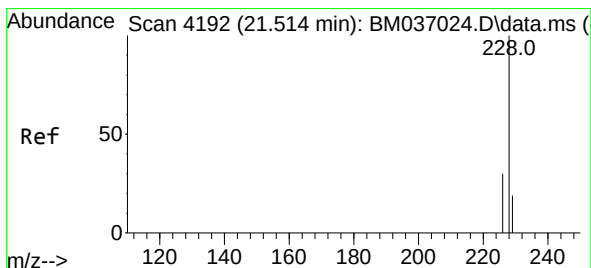
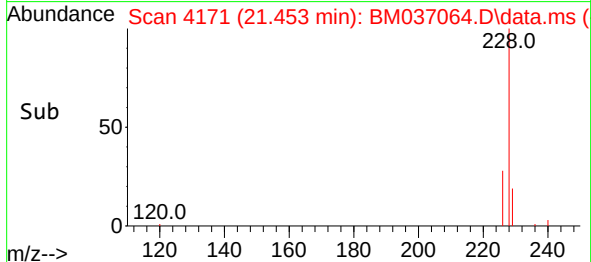
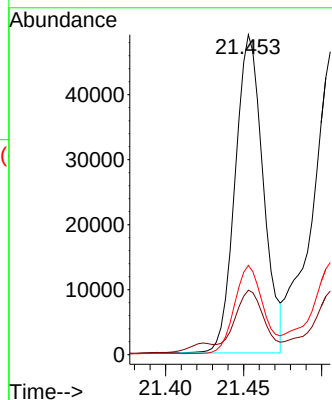
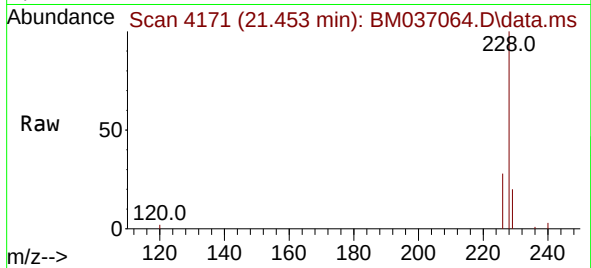




#21
Benzo(a)anthracene
Concen: 0.976 ng/ul
RT: 21.453 min Scan# 4171
Delta R.T. -0.005 min
Lab File: BM037064.D
Acq: 14 Oct 2022 21:29

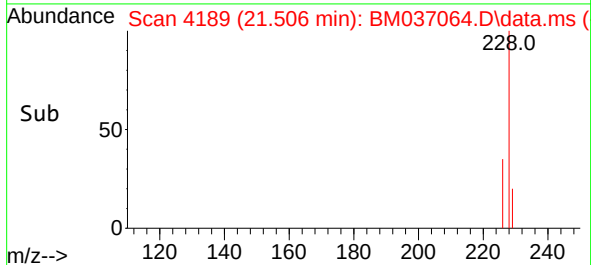
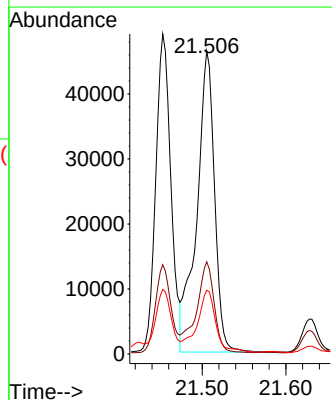
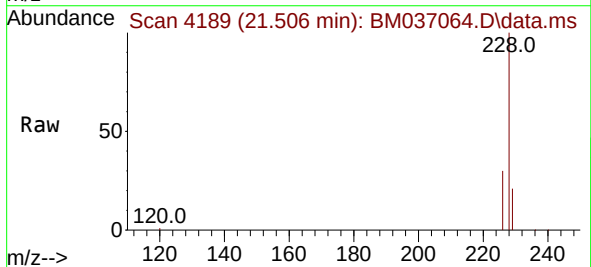
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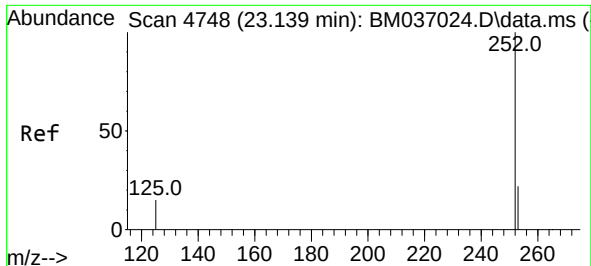
Tgt Ion:228 Resp: 61320
Ion Ratio Lower Upper
228 100
229 20.2 16.2 24.2
226 27.9 22.5 33.7



#22
Chrysene
Concen: 1.016 ng/ul
RT: 21.506 min Scan# 4189
Delta R.T. -0.005 min
Lab File: BM037064.D
Acq: 14 Oct 2022 21:29

Tgt Ion:228 Resp: 68535
Ion Ratio Lower Upper
228 100
226 30.4 24.6 37.0
229 21.0 16.4 24.6

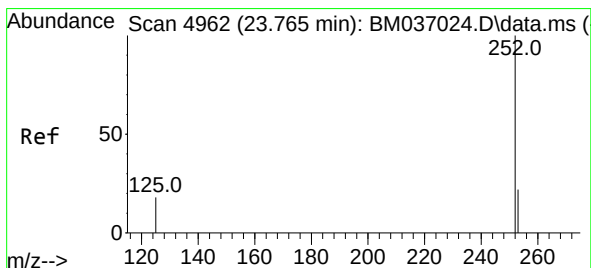
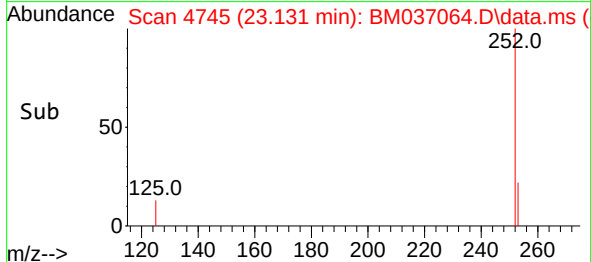
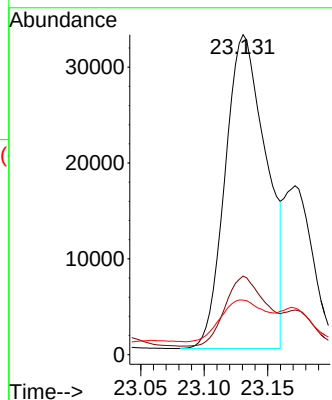
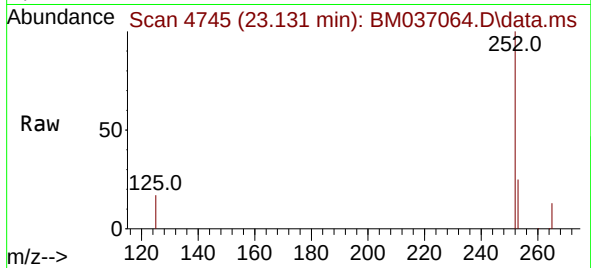




#24
Benzo(b)fluoranthene
Concen: 1.227 ng/ul
RT: 23.131 min Scan# 41
Delta R.T. -0.005 min
Lab File: BM037064.D
Acq: 14 Oct 2022 21:29

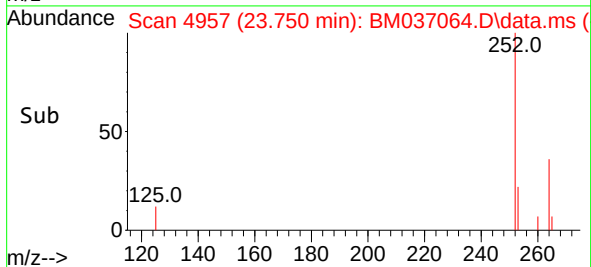
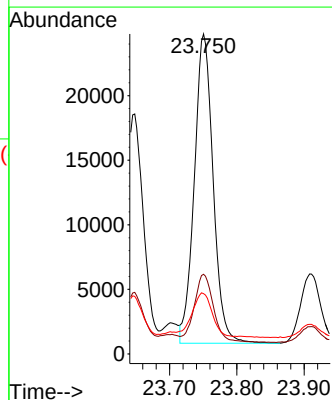
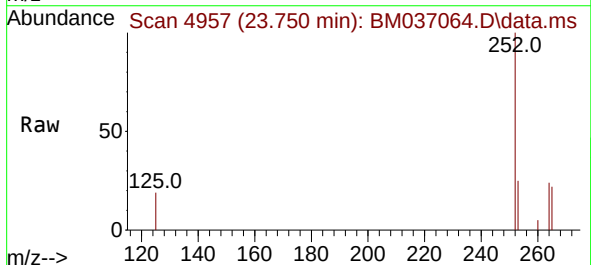
Instrument :
BNA_M
ClientSampleId :
C0BG3

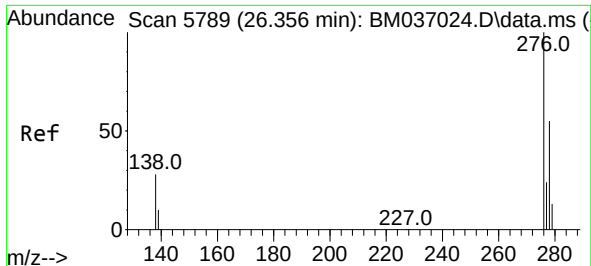
Tgt Ion:252 Resp: 73950
Ion Ratio Lower Upper
252 100
253 24.6 0.0 61.4
125 17.1 0.0 42.6



#26
Benzo(a)pyrene
Concen: 0.951 ng/ul
RT: 23.750 min Scan# 4957
Delta R.T. -0.008 min
Lab File: BM037064.D
Acq: 14 Oct 2022 21:29

Tgt Ion:252 Resp: 46503
Ion Ratio Lower Upper
252 100
253 24.9 29.7 44.5#
125 18.8 23.6 35.4#

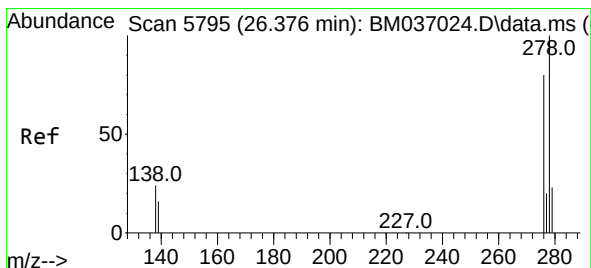
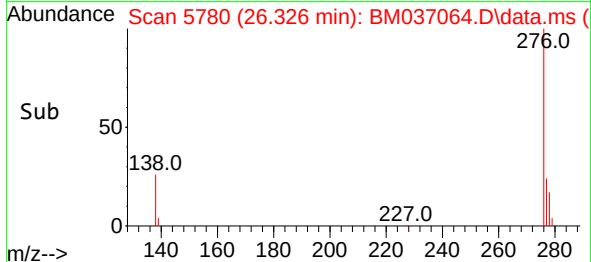
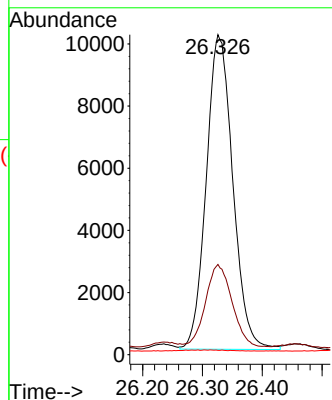
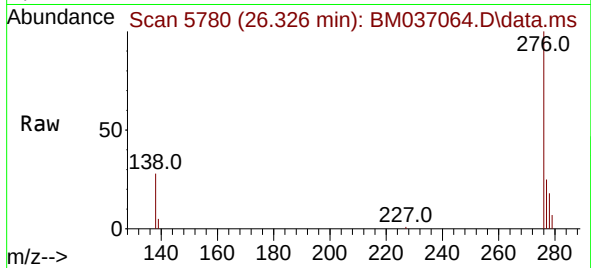




#27
Indeno(1,2,3-cd)pyrene
Concen: 0.451 ng/ul
RT: 26.326 min Scan# 51
Delta R.T. -0.016 min
Lab File: BM037064.D
Acq: 14 Oct 2022 21:29

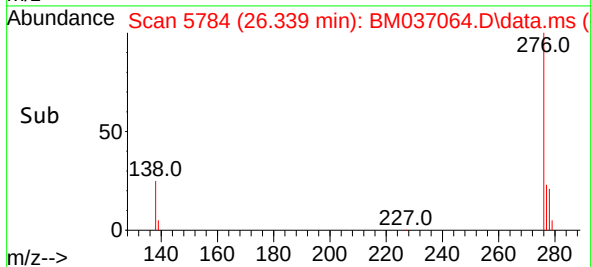
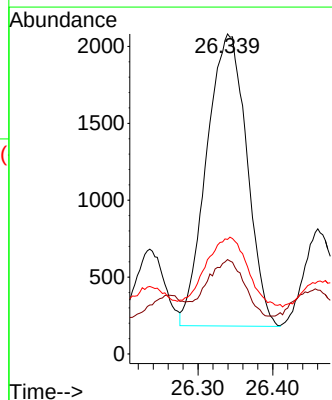
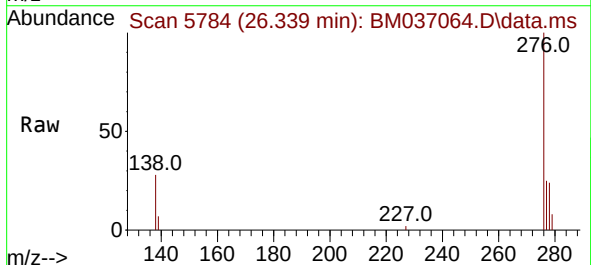
Instrument :
BNA_M
ClientSampleId :
C0BG3

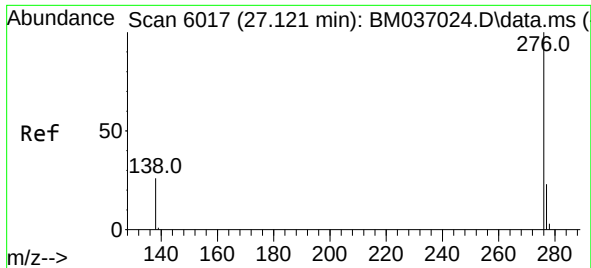
Tgt Ion:276 Resp: 31256
Ion Ratio Lower Upper
276 100
138 26.5 23.9 35.9
227 0.0 0.1 0.1#



#28
Dibenzo(a,h)anthracene
Concen: 0.127 ng/ul
RT: 26.339 min Scan# 5784
Delta R.T. -0.023 min
Lab File: BM037064.D
Acq: 14 Oct 2022 21:29

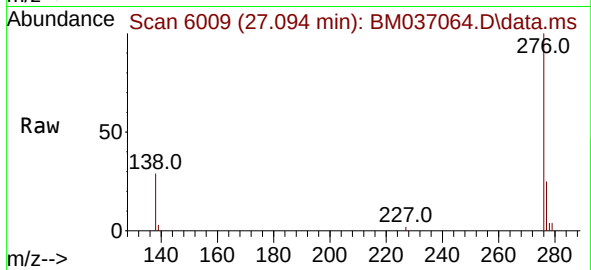
Tgt Ion:278 Resp: 7088
Ion Ratio Lower Upper
278 100
139 29.5 19.8 29.6
279 35.8 27.7 41.5





#29
 Benzo(g,h,i)perylene
 Concen: 0.448 ng/ul
 RT: 27.094 min Scan# 6017
 Delta R.T. -0.013 min
 Lab File: BM037064.D
 Acq: 14 Oct 2022 21:29

Instrument :
 BNA_M
 ClientSampleId :
 C0BG3



Tgt Ion:	276	Resp:	27324
Ion	Ratio	Lower	Upper
276	100		
138	29.1	23.4	35.0
277	24.8	21.0	31.4

