

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101322\
 Data File : BM037071.D
 Acq On : 15 Oct 2022 01:37
 Operator : CG/JU
 Sample : N5049-09
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 COBM0

Quant Time: Oct 15 02:32:01 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)

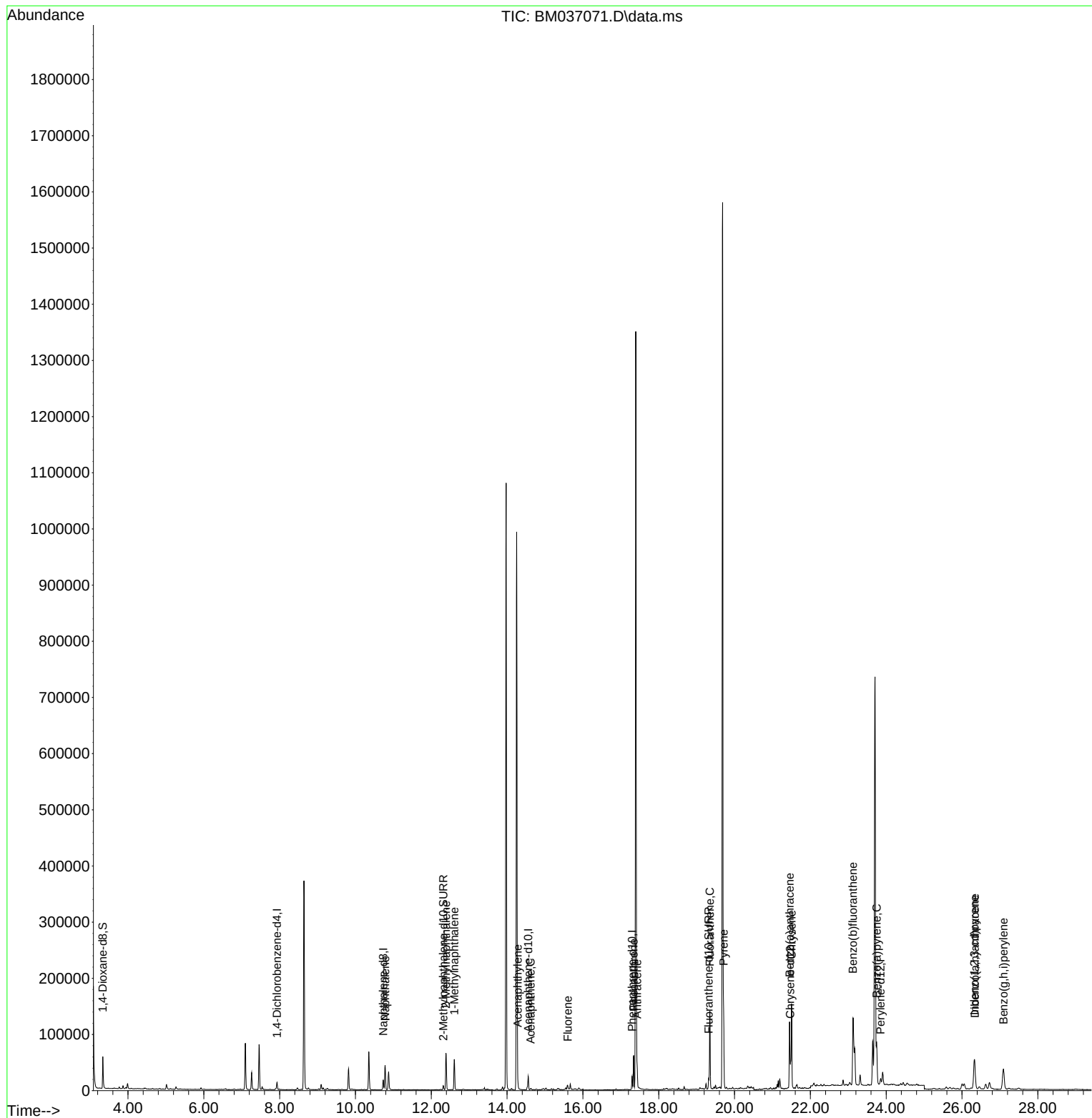
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.930	152	6356	0.400	ng/ul	0.00
4) Naphthalene-d8	10.732	136	23014	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.557	164	12713	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.296	188	25685	0.400	ng/ul	0.00
17) Chrysene-d12	21.468	240	18426	0.400	ng/ul	0.00
23) Perylene-d12	23.853	264	14179	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.335	96	35785	3.992	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.316	152	9674	0.278	ng/ul	-0.01
18) Fluoranthene-d10	19.317	212	19463	0.353	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.782	128	57743	0.878	ng/ul	96
7) 2-Methylnaphthalene	12.387	142	46483	1.155	ng/ul	92
8) 1-Methylnaphthalene	12.607	142	35972	0.880	ng/ul	99
10) Acenaphthylene	14.279	152	14456	0.274	ng/ul#	94
11) Acenaphthene	14.617	153	1913	0.042	ng/ul	95
12) Fluorene	15.602	166	2556	0.049	ng/ul#	75
15) Phenanthrene	17.339	178	62466	0.762	ng/ul	99
16) Anthracene	17.427	178	39791	0.581	ng/ul	99
19) Fluoranthene	19.350	202	108784	1.484	ng/ul	98
20) Pyrene	19.712	202	113049	1.479	ng/ul	97
21) Benzo(a)anthracene	21.450	228	92251	1.386	ng/ul	98
22) Chrysene	21.503	228	153189	2.143	ng/ul	99
24) Benzo(b)fluoranthene	23.125	252	196629	3.104	ng/ul	87
26) Benzo(a)pyrene	23.748	252	98945	1.925	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	26.326	276	88826	1.220	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.336	278	23954	0.407	ng/ul	94
29) Benzo(g,h,i)perylene	27.094	276	79488	1.239	ng/ul	97

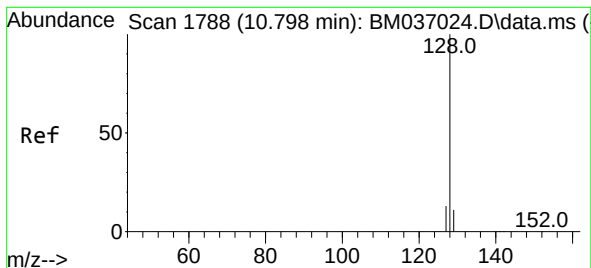
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.878 ng/ul

RT: 10.782 min Scan# 1

Delta R.T. -0.005 min

Lab File: BM037071.D

Acq: 15 Oct 2022 01:37

Instrument :

BNA_M

ClientSampleId :

COBM0

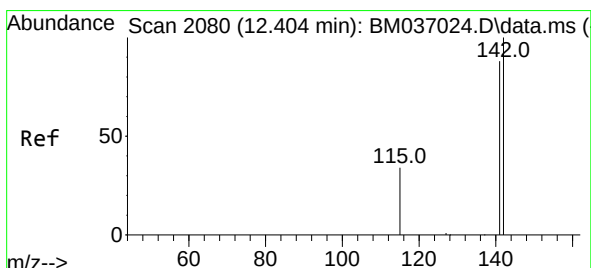
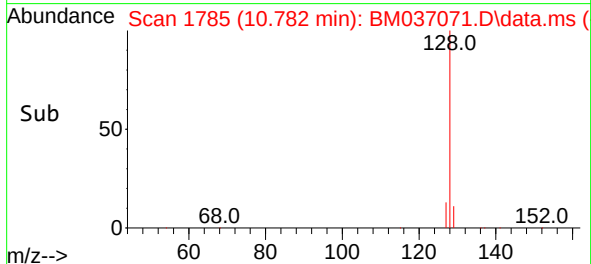
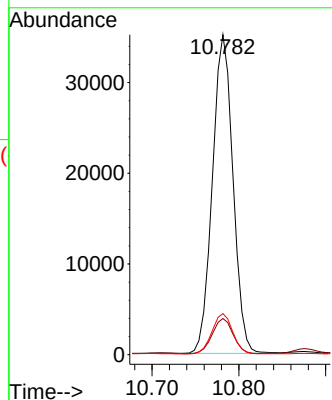
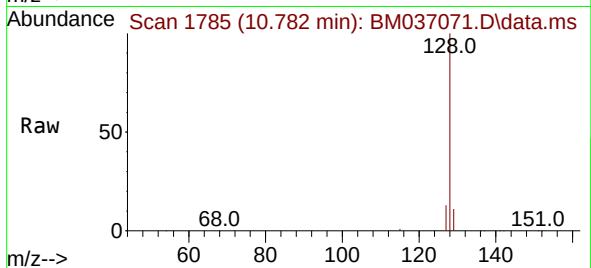
Tgt Ion:128 Resp: 57743

Ion Ratio Lower Upper

128 100

129 11.3 10.2 15.2

127 12.9 11.7 17.5



#7

2-Methylnaphthalene

Concen: 1.155 ng/ul

RT: 12.387 min Scan# 2077

Delta R.T. -0.011 min

Lab File: BM037071.D

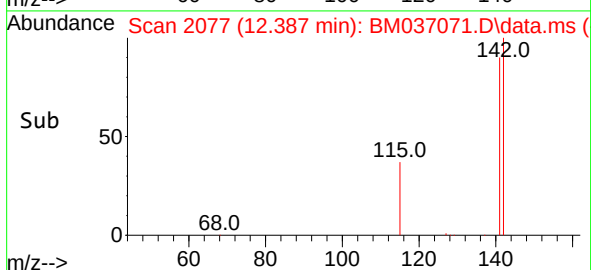
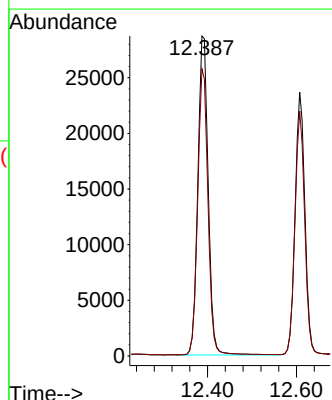
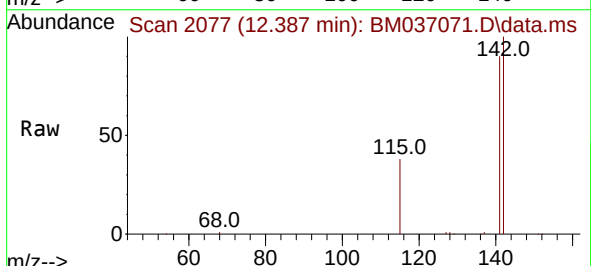
Acq: 15 Oct 2022 01:37

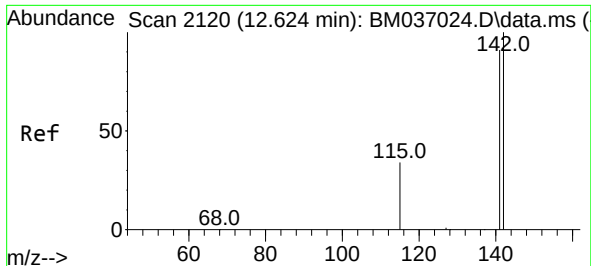
Tgt Ion:142 Resp: 46483

Ion Ratio Lower Upper

142 100

141 88.6 77.4 116.0

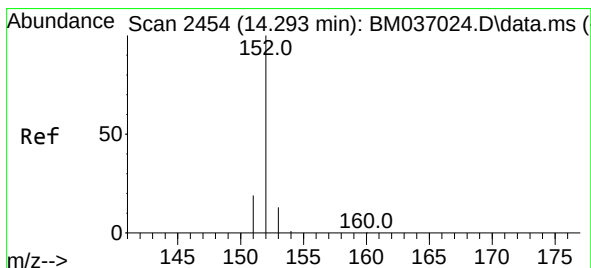
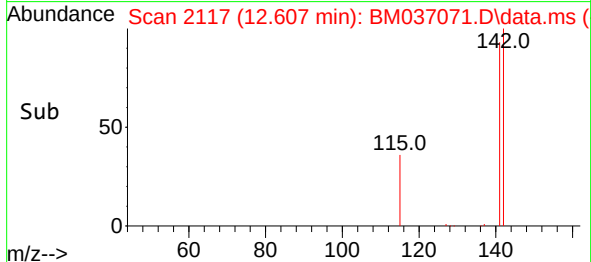
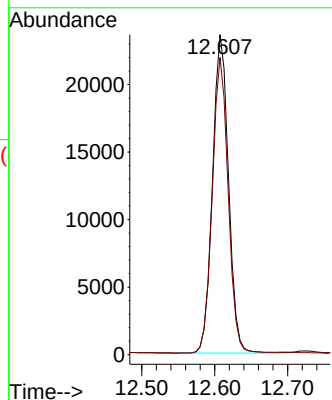
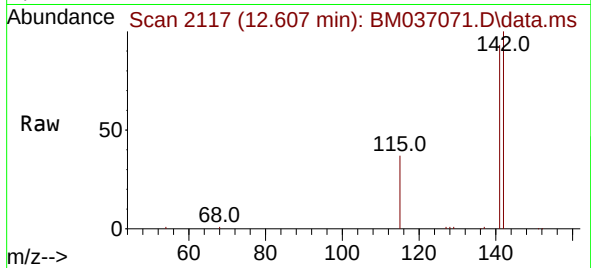




#8
1-Methylnaphthalene
Concen: 0.880 ng/ul
RT: 12.607 min Scan# 2117
Delta R.T. -0.011 min
Lab File: BM037071.D
Acq: 15 Oct 2022 01:37

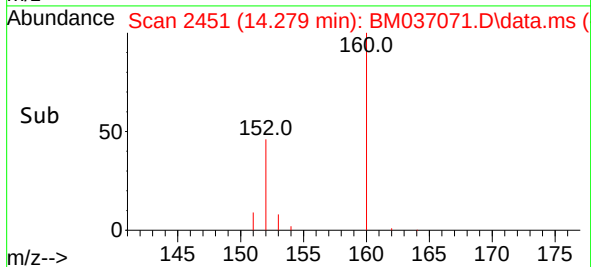
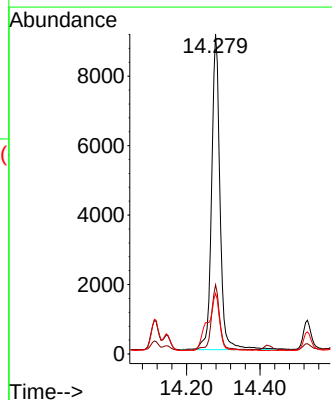
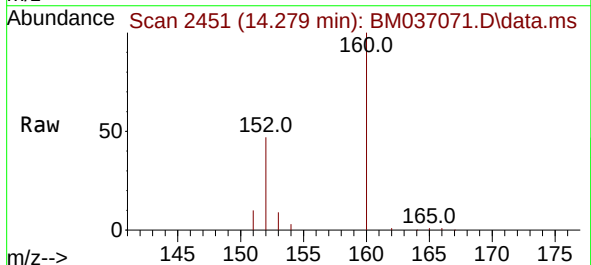
Instrument :
BNA_M
ClientSampleId :
COBM0

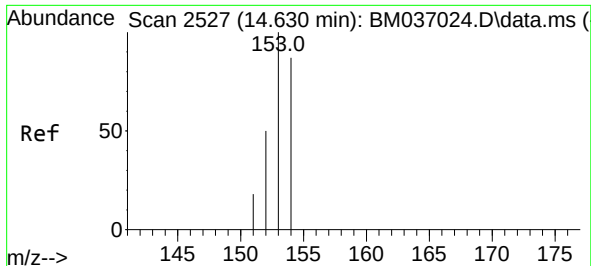
Tgt Ion:142 Resp: 35972
Ion Ratio Lower Upper
142 100
141 92.0 74.1 111.1



#10
Acenaphthylene
Concen: 0.274 ng/ul
RT: 14.279 min Scan# 2451
Delta R.T. -0.005 min
Lab File: BM037071.D
Acq: 15 Oct 2022 01:37

Tgt Ion:152 Resp: 14456
Ion Ratio Lower Upper
152 100
151 21.6 16.6 24.8
153 18.9 11.4 17.0#

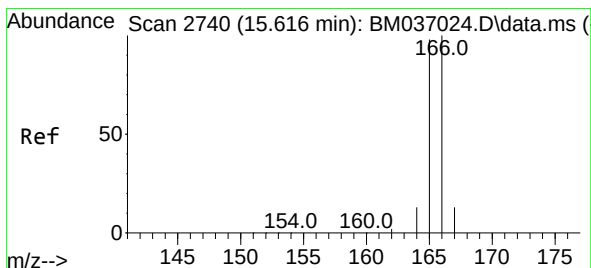
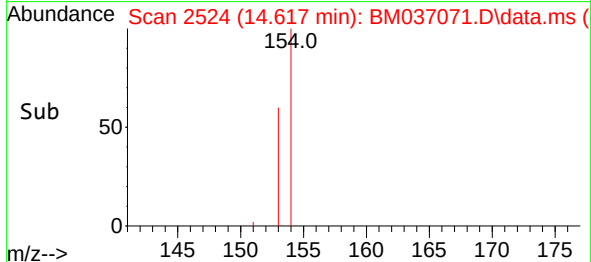
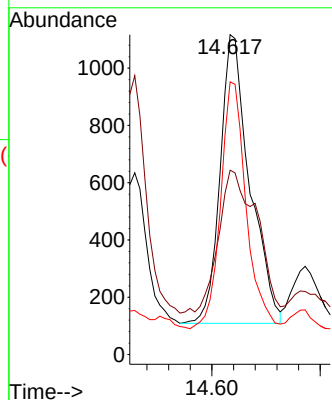
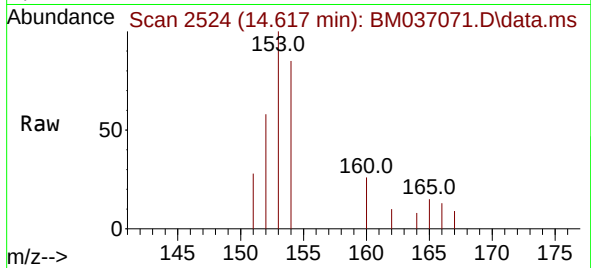




#11
Acenaphthene
Concen: 0.042 ng/ul
RT: 14.617 min Scan# 21
Delta R.T. -0.010 min
Lab File: BM037071.D
Acq: 15 Oct 2022 01:37

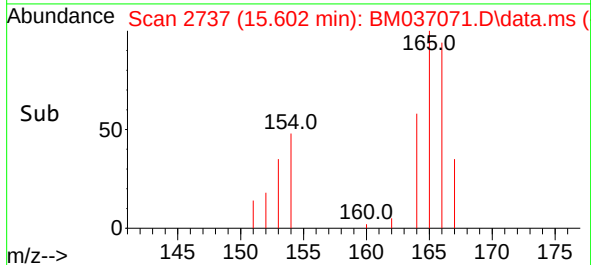
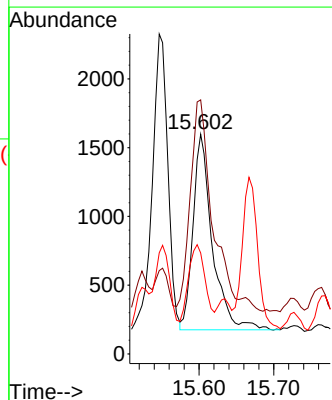
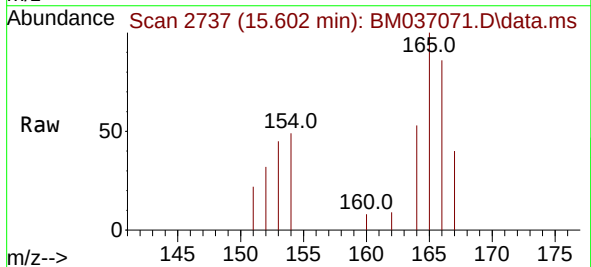
Instrument :
BNA_M
ClientSampleId :
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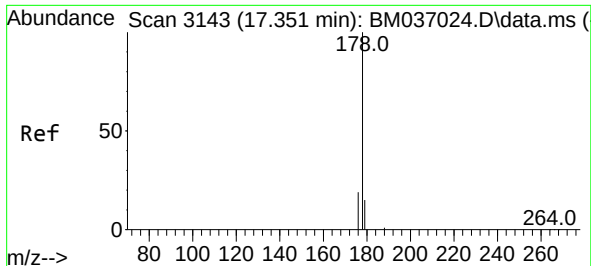
Tgt Ion:153 Resp: 1913
Ion Ratio Lower Upper
153 100
152 57.7 40.2 60.4
154 85.2 69.7 104.5



#12
Fluorene
Concen: 0.049 ng/ul
RT: 15.602 min Scan# 2737
Delta R.T. -0.005 min
Lab File: BM037071.D
Acq: 15 Oct 2022 01:37

Tgt Ion:166 Resp: 2556
Ion Ratio Lower Upper
166 100
165 115.7 78.9 118.3
167 46.0 11.3 16.9#

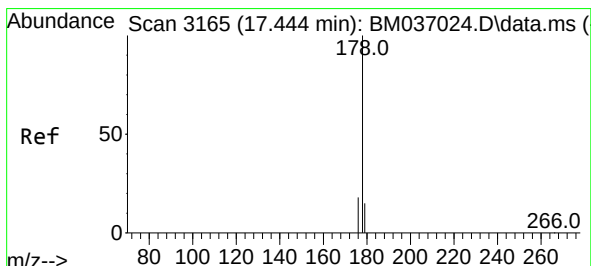
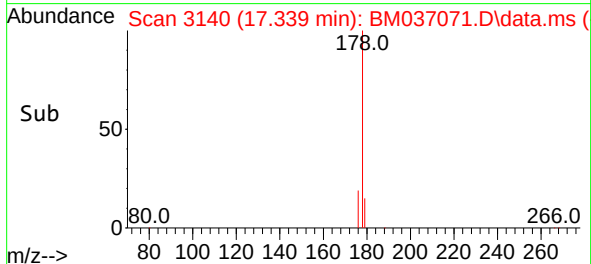
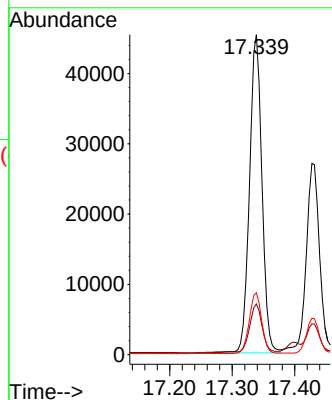
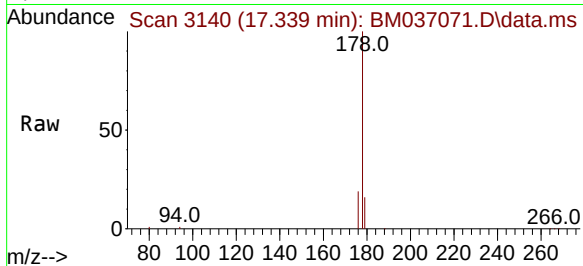




#15
Phenanthrene
Concen: 0.762 ng/ul
RT: 17.339 min Scan# 3140
Delta R.T. -0.005 min
Lab File: BM037071.D
Acq: 15 Oct 2022 01:37

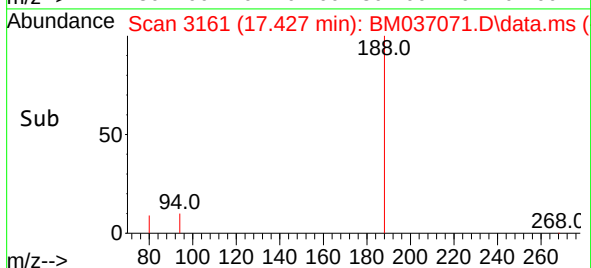
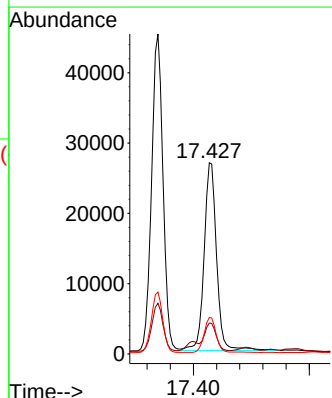
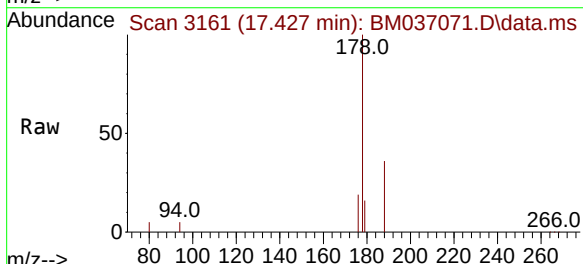
Instrument :
BNA_M
ClientSampleId :
COBM0

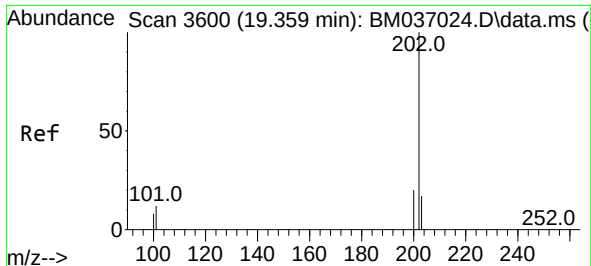
Tgt Ion:178 Resp: 62466
Ion Ratio Lower Upper
178 100
179 15.9 13.0 19.6
176 19.4 15.6 23.4



#16
Anthracene
Concen: 0.581 ng/ul
RT: 17.427 min Scan# 3161
Delta R.T. -0.009 min
Lab File: BM037071.D
Acq: 15 Oct 2022 01:37

Tgt Ion:178 Resp: 39791
Ion Ratio Lower Upper
178 100
179 16.2 13.6 20.4
176 19.1 15.6 23.4

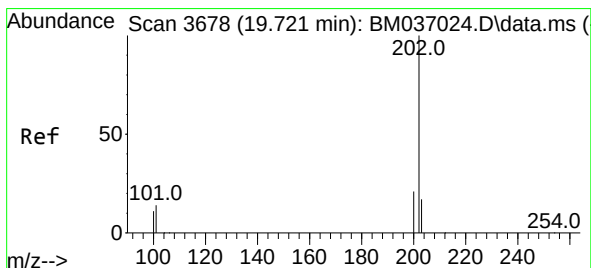
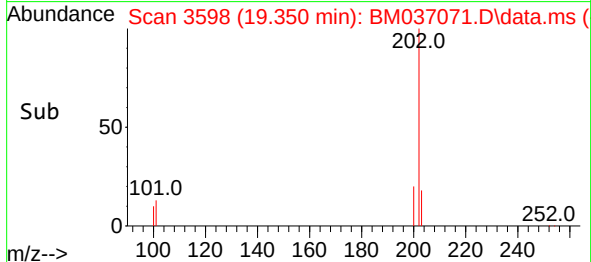
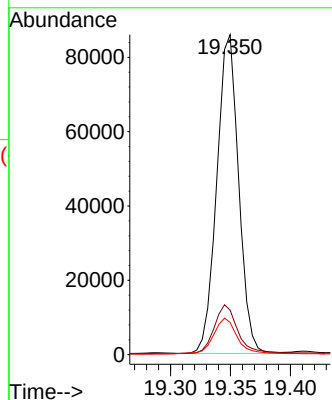
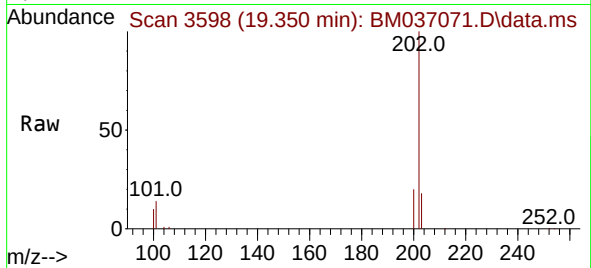




#19
Fluoranthene
Concen: 1.484 ng/ul
RT: 19.350 min Scan# 31
Delta R.T. -0.005 min
Lab File: BM037071.D
Acq: 15 Oct 2022 01:37

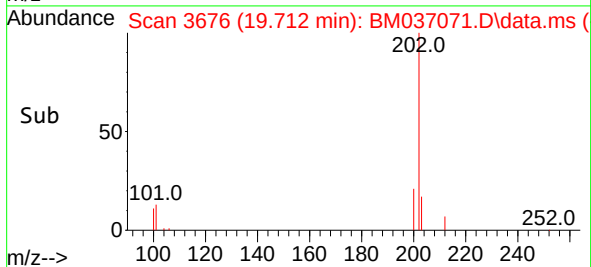
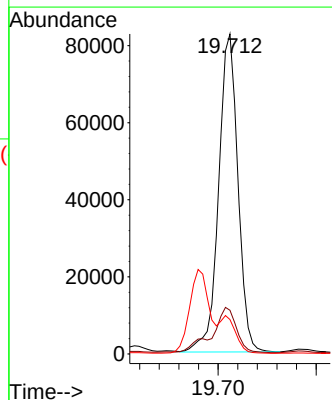
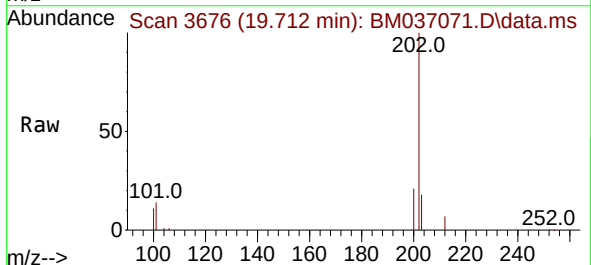
Instrument :
BNA_M
ClientSampleId :
COBM0

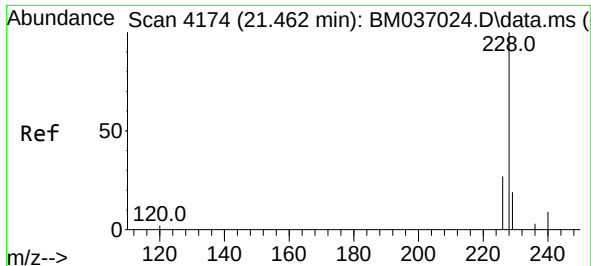
Tgt Ion:202 Resp: 108784
Ion Ratio Lower Upper
202 100
101 13.9 10.1 15.1
100 10.0 7.9 11.9



#20
Pyrene
Concen: 1.479 ng/ul
RT: 19.712 min Scan# 3676
Delta R.T. -0.005 min
Lab File: BM037071.D
Acq: 15 Oct 2022 01:37

Tgt Ion:202 Resp: 113049
Ion Ratio Lower Upper
202 100
101 13.6 12.0 18.0
100 10.7 9.8 14.6

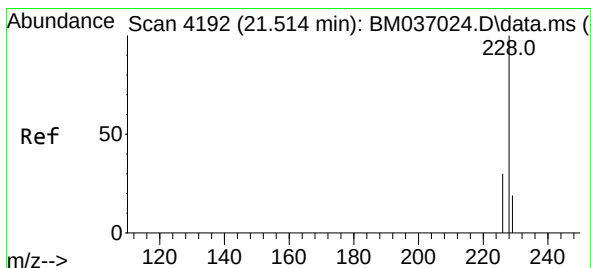
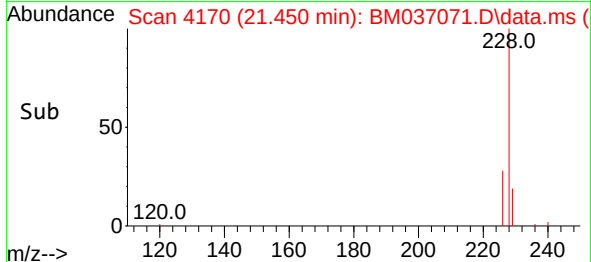
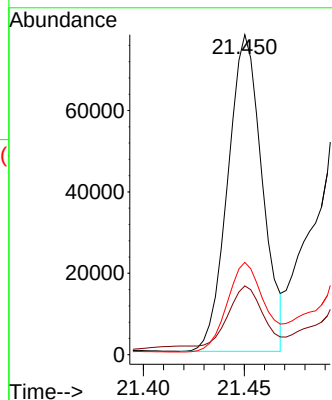
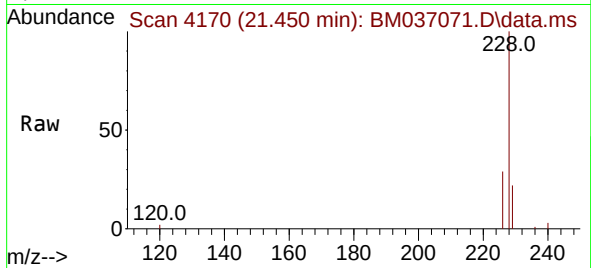




#21
Benzo(a)anthracene
Concen: 1.386 ng/ul
RT: 21.450 min Scan# 4174
Delta R.T. -0.008 min
Lab File: BM037071.D
Acq: 15 Oct 2022 01:37

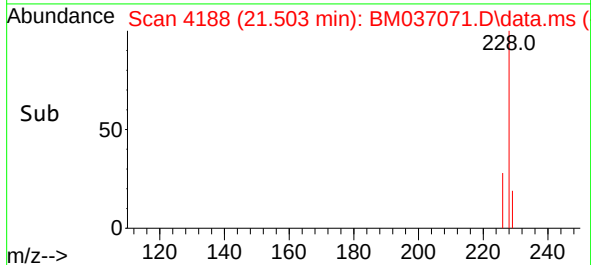
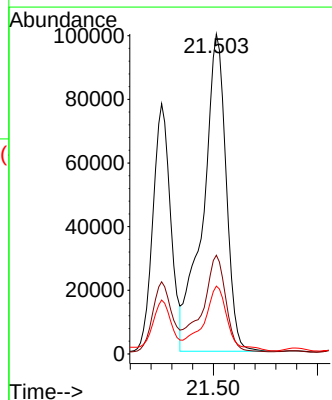
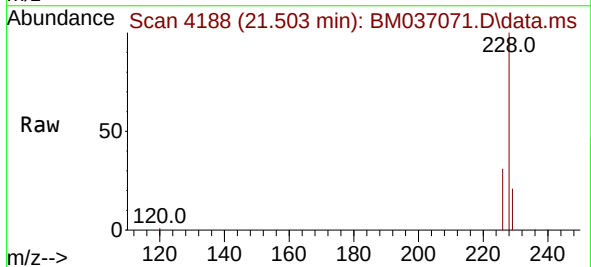
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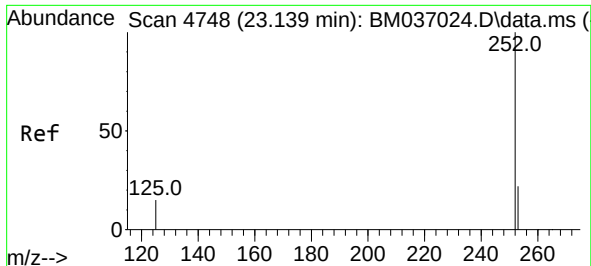
Tgt Ion:228 Resp: 92251
Ion Ratio Lower Upper
228 100
229 21.5 16.2 24.2
226 28.9 22.5 33.7



#22
Chrysene
Concen: 2.143 ng/ul
RT: 21.503 min Scan# 4188
Delta R.T. -0.008 min
Lab File: BM037071.D
Acq: 15 Oct 2022 01:37

Tgt Ion:228 Resp: 153189
Ion Ratio Lower Upper
228 100
226 30.8 24.6 37.0
229 21.2 16.4 24.6

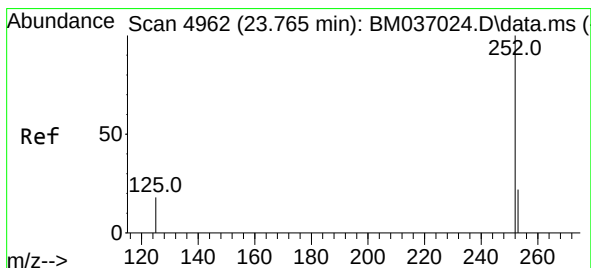
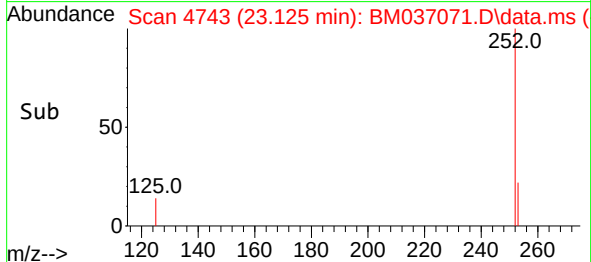
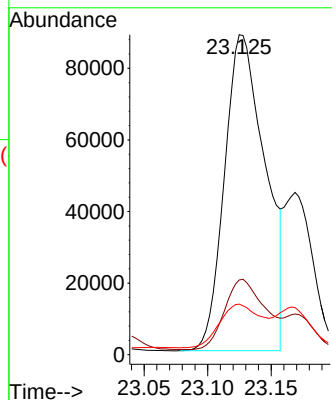
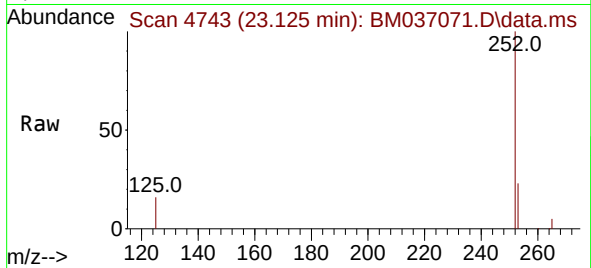




#24
Benzo(b)fluoranthene
Concen: 3.104 ng/ul
RT: 23.125 min Scan# 41
Delta R.T. -0.011 min
Lab File: BM037071.D
Acq: 15 Oct 2022 01:37

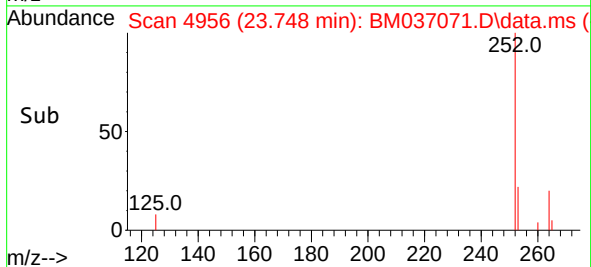
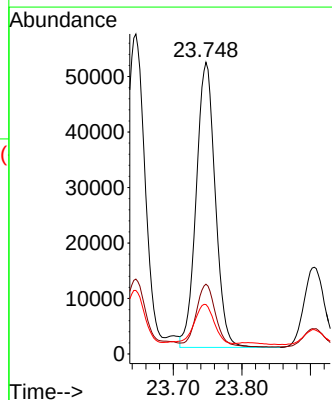
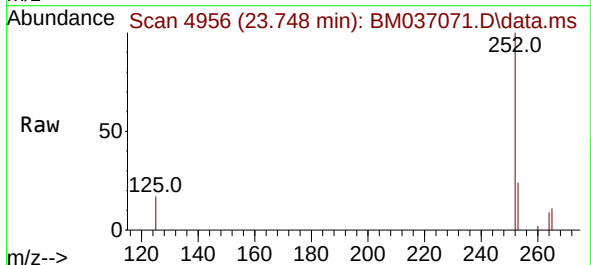
Instrument :
BNA_M
ClientSampleId :
COBM0

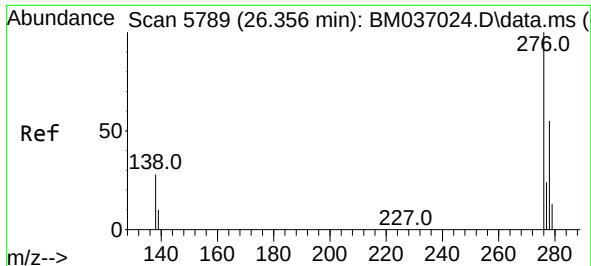
Tgt Ion:252 Resp: 196629
Ion Ratio Lower Upper
252 100
253 23.4 0.0 61.4
125 15.8 0.0 42.6



#26
Benzo(a)pyrene
Concen: 1.925 ng/ul
RT: 23.748 min Scan# 4956
Delta R.T. -0.011 min
Lab File: BM037071.D
Acq: 15 Oct 2022 01:37

Tgt Ion:252 Resp: 98945
Ion Ratio Lower Upper
252 100
253 23.9 29.7 44.5#
125 17.0 23.6 35.4#

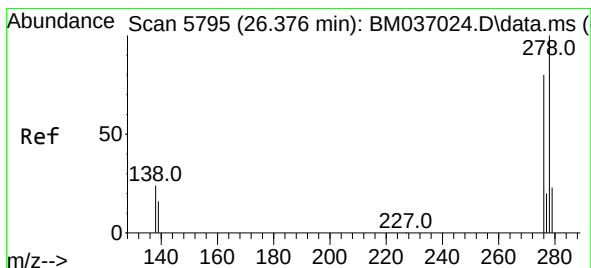
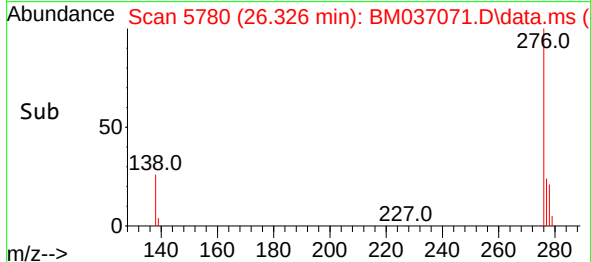
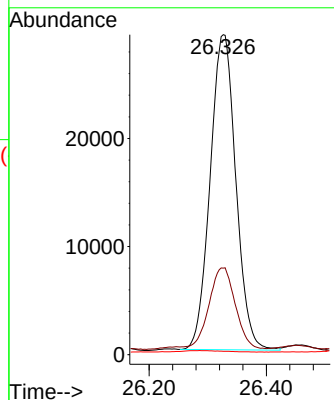
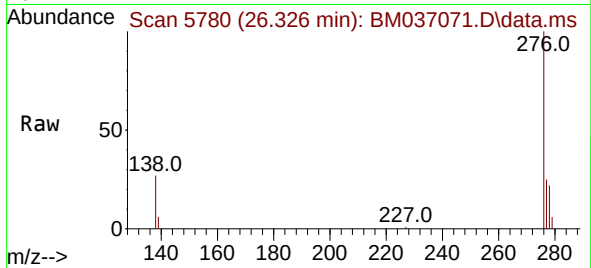




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 1.220 ng/ul
 RT: 26.326 min Scan# 5780
 Delta R.T. -0.016 min
 Lab File: BM037071.D
 Acq: 15 Oct 2022 01:37

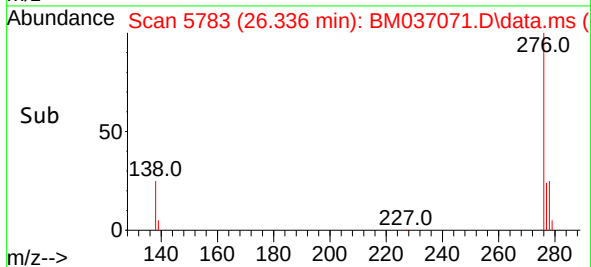
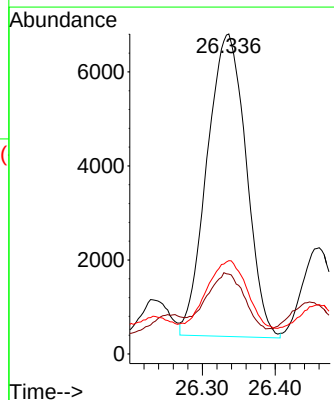
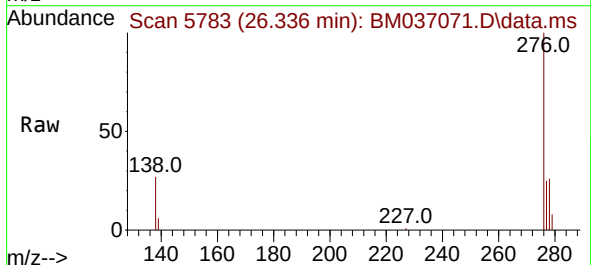
Instrument :
 BNA_M
 ClientSampleId :
 COBM0

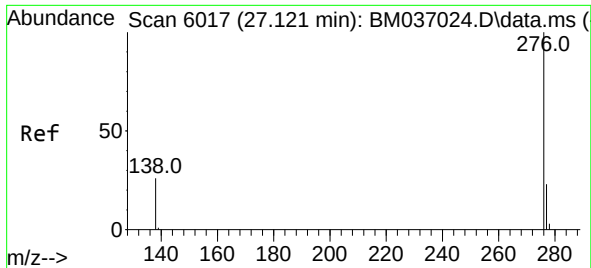
Tgt Ion:276 Resp: 88826
 Ion Ratio Lower Upper
 276 100
 138 26.5 23.9 35.9
 227 0.0 0.1 0.1#



#28
 Dibenzo(a,h)anthracene
 Concen: 0.407 ng/ul
 RT: 26.336 min Scan# 5783
 Delta R.T. -0.026 min
 Lab File: BM037071.D
 Acq: 15 Oct 2022 01:37

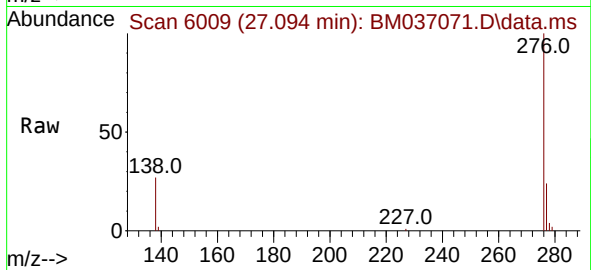
Tgt Ion:278 Resp: 23954
 Ion Ratio Lower Upper
 278 100
 139 25.0 19.8 29.6
 279 29.2 27.7 41.5





#29
 Benzo(g,h,i)perylene
 Concen: 1.239 ng/ul
 RT: 27.094 min Scan# 6009
 Delta R.T. -0.012 min
 Lab File: BM037071.D
 Acq: 15 Oct 2022 01:37

Instrument :
 BNA_M
 ClientSampleId :
 COBM0



Tgt Ion:	276	Resp:	79488
Ion Ratio	Lower	Upper	
276	100		
138	27.5	23.4	35.0
277	24.4	21.0	31.4

