

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101322\
 Data File : BM037100.D
 Acq On : 15 Oct 2022 19:57
 Operator : CG/JU
 Sample : N5049-16DL 5X
 Misc :
 ALS Vial : 98 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BS4DL

Quant Time: Oct 17 00:57:24 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 : Sat Oct 15 04:13:53 2022
 Response via : Initial Calibration

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

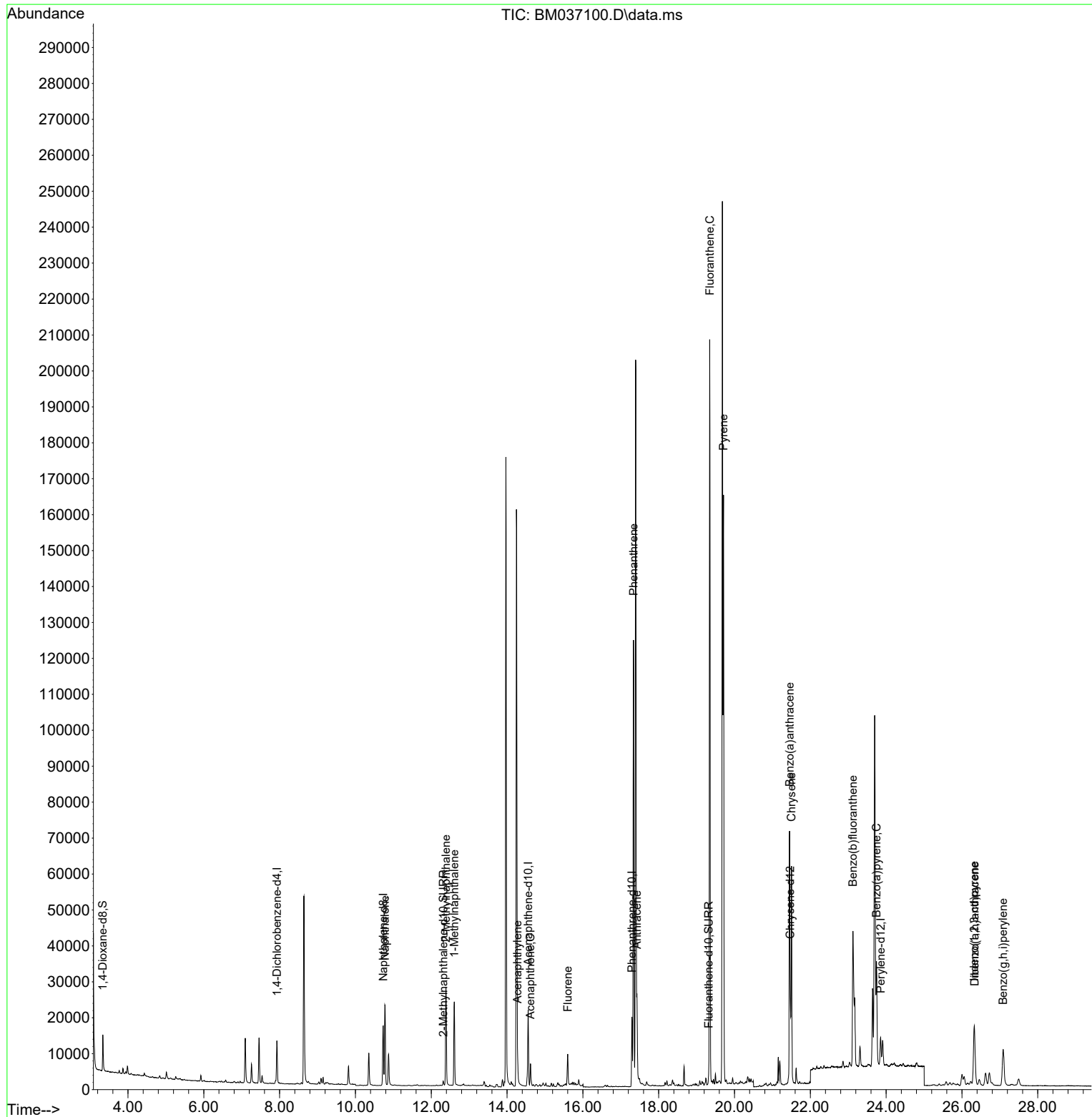
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.930	152	6167	0.400	ng/ul	0.00
4) Naphthalene-d8	10.732	136	22190	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.557	164	11707	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.293	188	22013	0.400	ng/ul	0.00
17) Chrysene-d12	21.467	240	13041	0.400	ng/ul	0.00
23) Perylene-d12	23.855	264	10434	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.335	96	6613	0.760	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.316	152	1681	0.050	ng/ul	0.00
18) Fluoranthene-d10	19.318	212	2693	0.069	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.776	128	30889	0.487	ng/ul	97
7) 2-Methylnaphthalene	12.387	142	20122	0.519	ng/ul	92
8) 1-Methylnaphthalene	12.607	142	16240	0.412	ng/ul	99
10) Acenaphthylene	14.275	152	5294	0.109	ng/ul#	90
11) Acenaphthene	14.618	153	3667	0.087	ng/ul	99
12) Fluorene	15.603	166	5143	0.107	ng/ul#	98
15) Phenanthrene	17.335	178	134194	1.910	ng/ul	99
16) Anthracene	17.424	178	22908	0.390	ng/ul	100
19) Fluoranthene	19.346	202	169501	3.268	ng/ul	99
20) Pyrene	19.708	202	132468	2.449	ng/ul	99
21) Benzo(a)anthracene	21.452	228	56649	1.202	ng/ul	99
22) Chrysene	21.502	228	58941	1.165	ng/ul	99
24) Benzo(b)fluoranthene	23.124	252	66363	1.424	ng/ul	89
26) Benzo(a)pyrene	23.747	252	40258	1.064	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	26.325	276	27322	0.510	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.332	278	7512	0.174	ng/ul	97
29) Benzo(g,h,i)perylene	27.087	276	22432	0.475	ng/ul	99

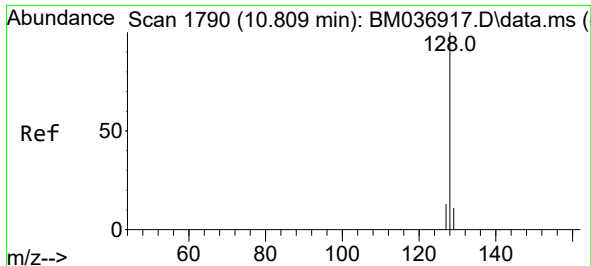
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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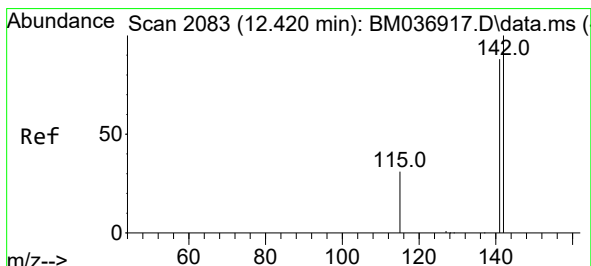
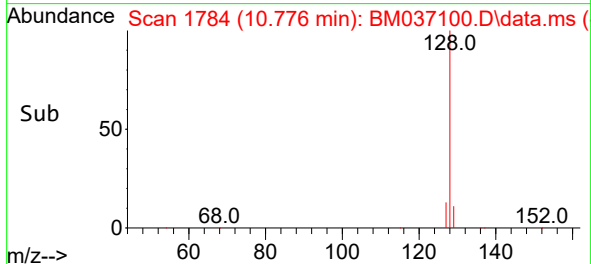
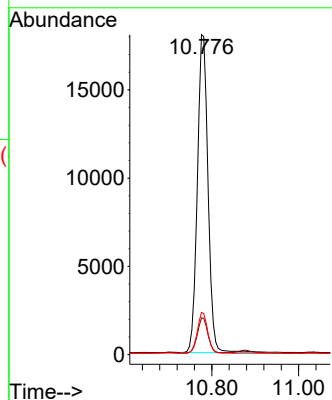
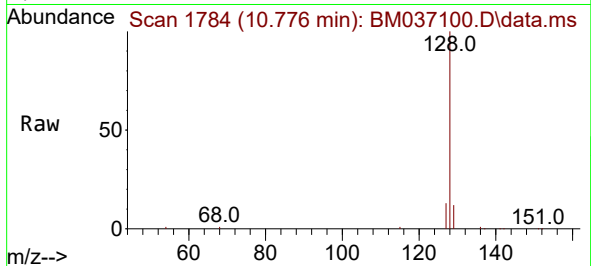




#5
Naphthalene
Concen: 0.487 ng/ul
RT: 10.776 min Scan# 11
Delta R.T. -0.005 min
Lab File: BM037100.D
Acq: 15 Oct 2022 19:57

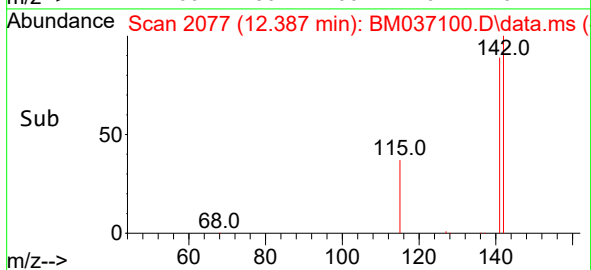
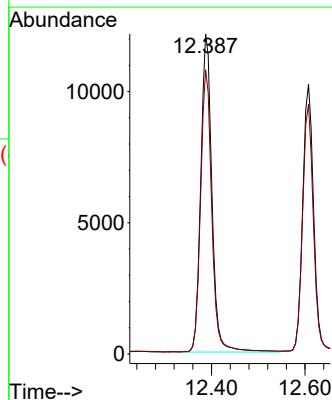
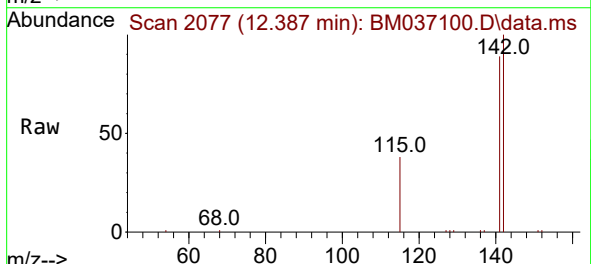
Instrument :
BNA_M
ClientSampleId :
C0BS4DL

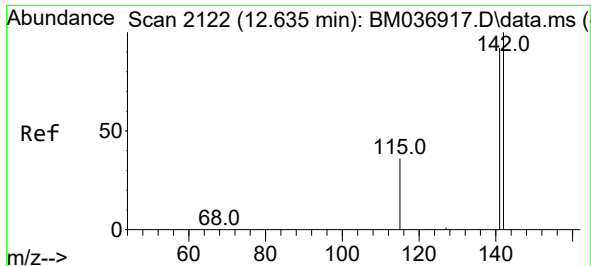
Tgt Ion:128 Resp: 30889
Ion Ratio Lower Upper
128 100
129 11.5 10.2 15.2
127 13.2 11.7 17.5



#7
2-Methylnaphthalene
Concen: 0.519 ng/ul
RT: 12.387 min Scan# 2077
Delta R.T. -0.005 min
Lab File: BM037100.D
Acq: 15 Oct 2022 19:57

Tgt Ion:142 Resp: 20122
Ion Ratio Lower Upper
142 100
141 88.8 77.4 116.0

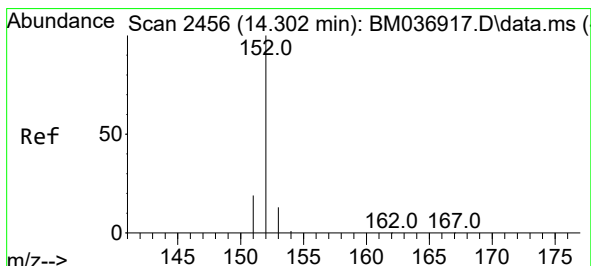
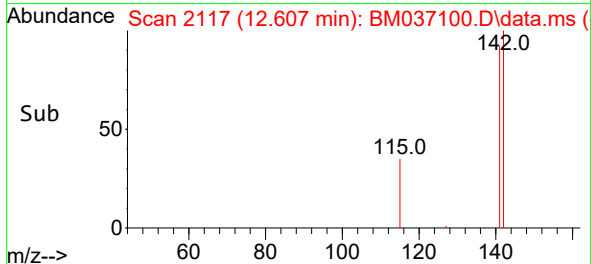
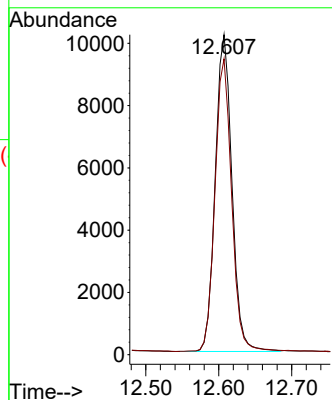
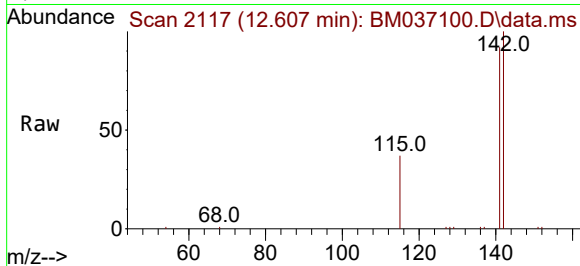




#8
1-Methylnaphthalene
Concen: 0.412 ng/ul
RT: 12.607 min Scan# 2122
Delta R.T. 0.000 min
Lab File: BM037100.D
Acq: 15 Oct 2022 19:57

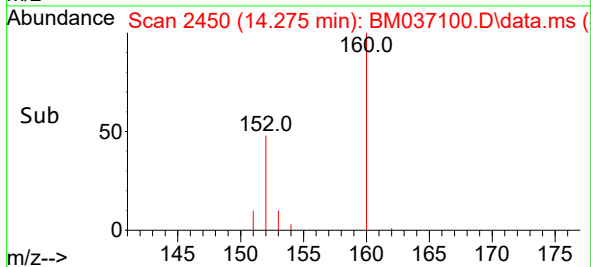
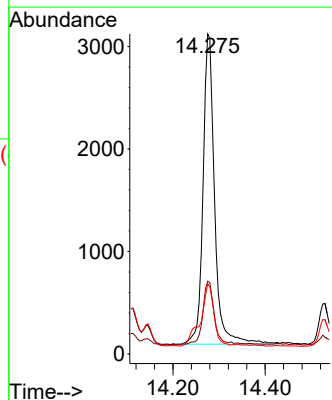
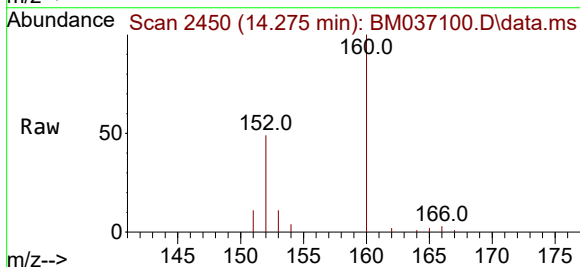
Instrument :
BNA_M
ClientSampleId :
C0BS4DL

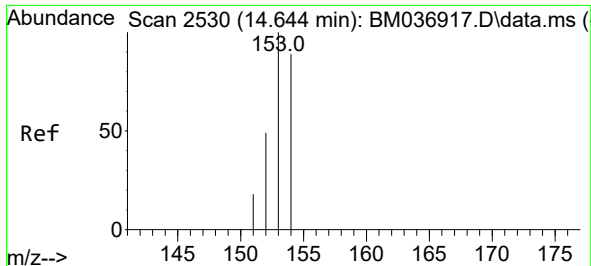
Tgt Ion:142 Resp: 16240
Ion Ratio Lower Upper
142 100
141 92.0 74.1 111.1



#10
Acenaphthylene
Concen: 0.109 ng/ul
RT: 14.275 min Scan# 2450
Delta R.T. -0.004 min
Lab File: BM037100.D
Acq: 15 Oct 2022 19:57

Tgt Ion:152 Resp: 5294
Ion Ratio Lower Upper
152 100
151 22.7 16.6 24.8
153 22.0 11.4 17.0#

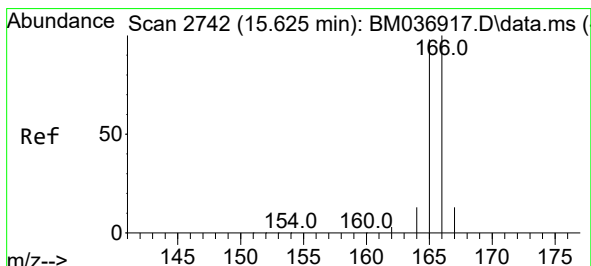
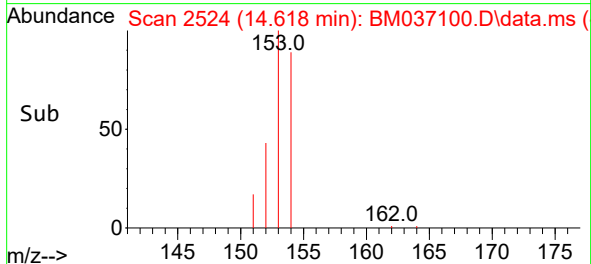
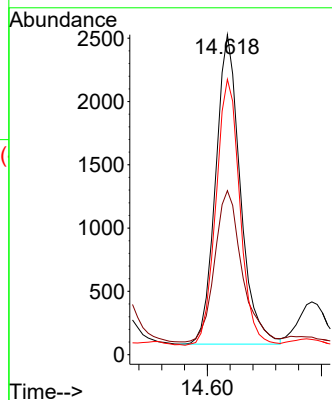
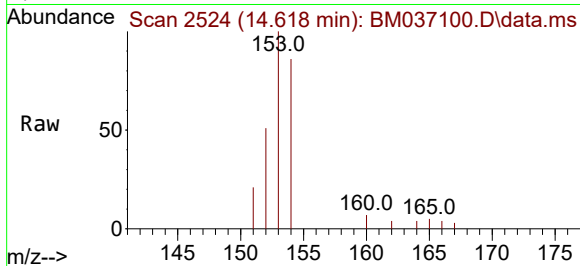




#11
Acenaphthene
Concen: 0.087 ng/ul
RT: 14.618 min Scan# 21
Delta R.T. 0.001 min
Lab File: BM037100.D
Acq: 15 Oct 2022 19:57

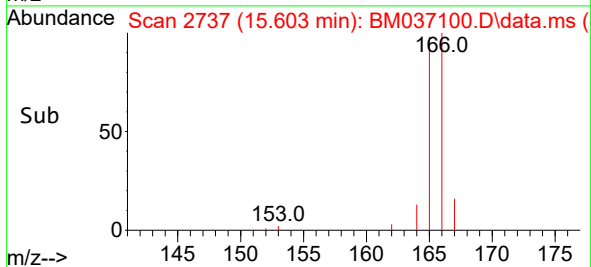
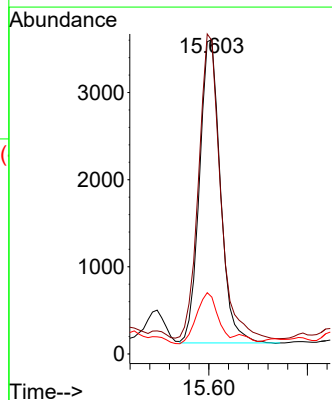
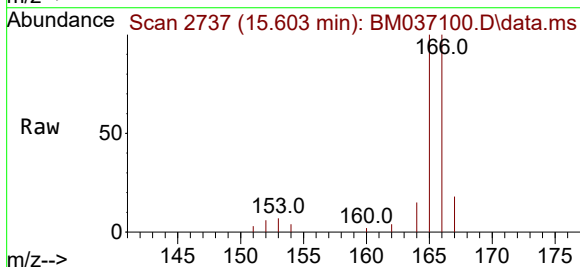
Instrument :
BNA_M
ClientSampleId :
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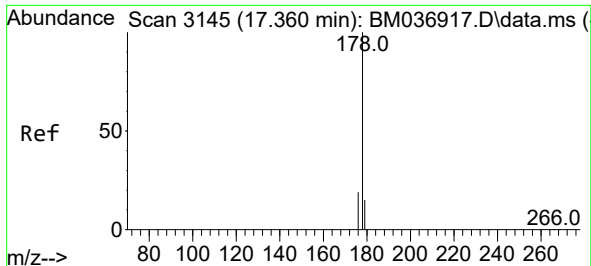
Tgt Ion:153 Resp: 3667
Ion Ratio Lower Upper
153 100
152 51.3 40.2 60.4
154 86.0 69.7 104.5



#12
Fluorene
Concen: 0.107 ng/ul
RT: 15.603 min Scan# 2737
Delta R.T. 0.001 min
Lab File: BM037100.D
Acq: 15 Oct 2022 19:57

Tgt Ion:166 Resp: 5143
Ion Ratio Lower Upper
166 100
165 99.7 78.9 118.3
167 18.1 11.3 16.9#

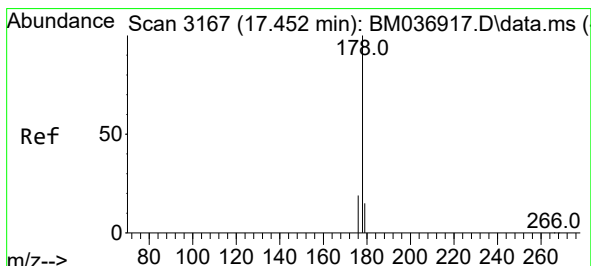
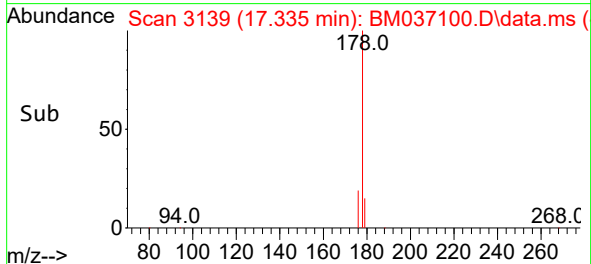
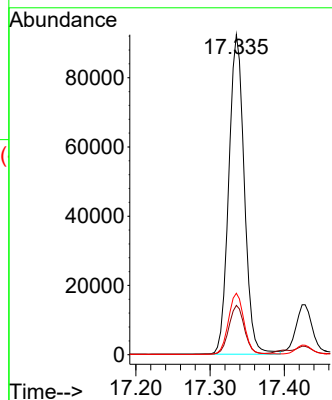
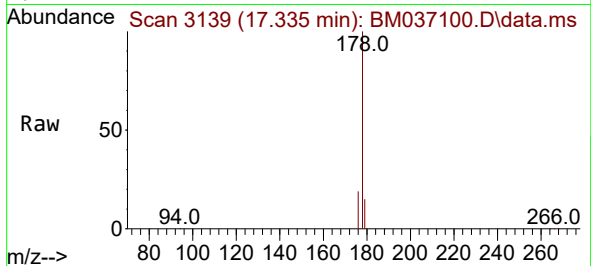




#15
Phenanthrene
Concen: 1.910 ng/ul
RT: 17.335 min Scan# 3145
Delta R.T. -0.003 min
Lab File: BM037100.D
Acq: 15 Oct 2022 19:57

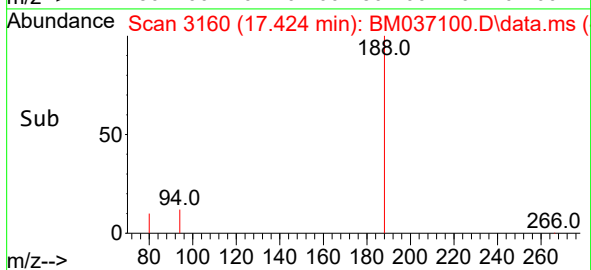
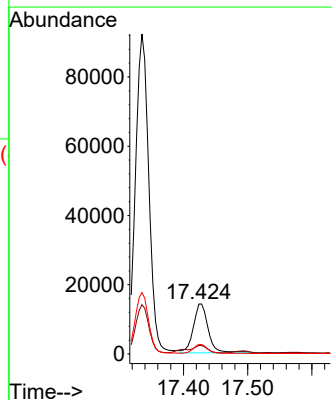
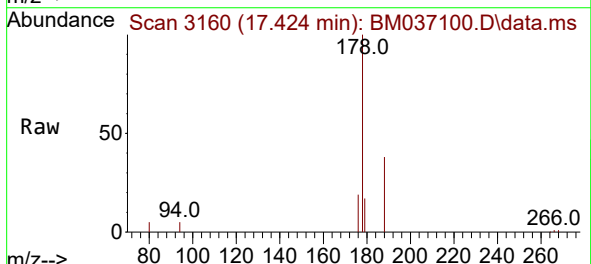
Instrument :
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ClientSampleId :
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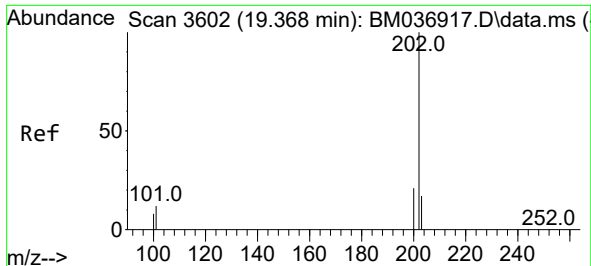
Tgt Ion:178 Resp: 134194
Ion Ratio Lower Upper
178 100
179 15.4 13.0 19.6
176 19.2 15.6 23.4



#16
Anthracene
Concen: 0.390 ng/ul
RT: 17.424 min Scan# 3160
Delta R.T. -0.007 min
Lab File: BM037100.D
Acq: 15 Oct 2022 19:57

Tgt Ion:178 Resp: 22908
Ion Ratio Lower Upper
178 100
179 16.9 13.6 20.4
176 19.4 15.6 23.4

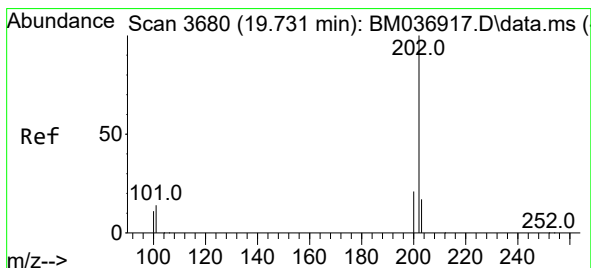
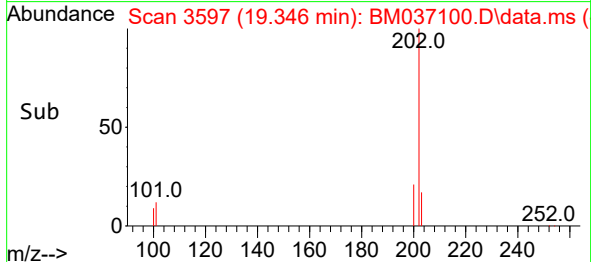
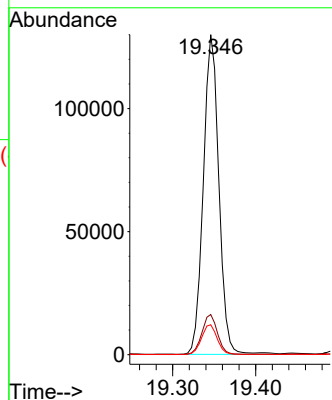
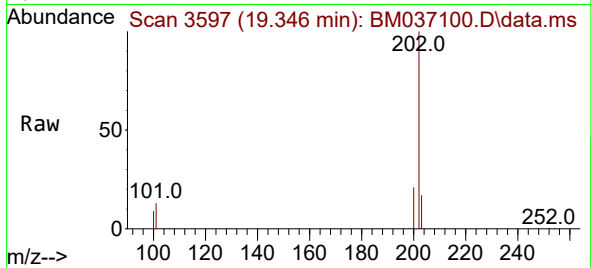




#19
Fluoranthene
Concen: 3.268 ng/ul
RT: 19.346 min Scan# 31
Delta R.T. -0.004 min
Lab File: BM037100.D
Acq: 15 Oct 2022 19:57

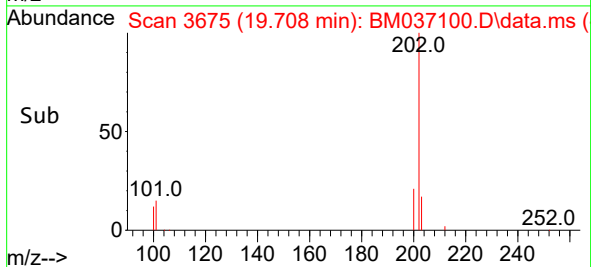
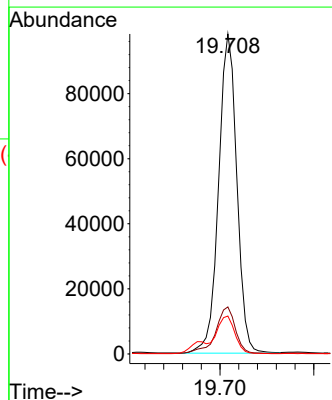
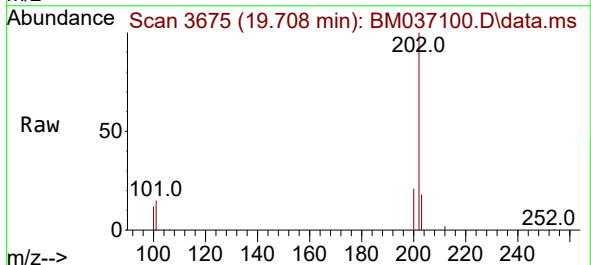
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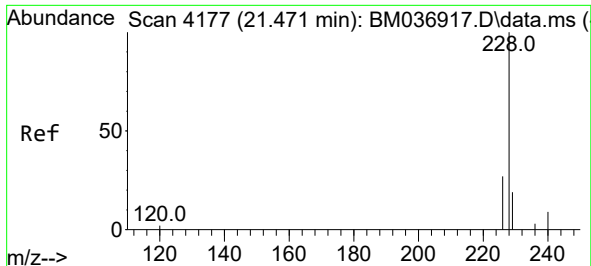
Tgt Ion:202 Resp: 169501
Ion Ratio Lower Upper
202 100
101 12.6 10.1 15.1
100 9.4 7.9 11.9



#20
Pyrene
Concen: 2.449 ng/ul
RT: 19.708 min Scan# 3675
Delta R.T. 0.001 min
Lab File: BM037100.D
Acq: 15 Oct 2022 19:57

Tgt Ion:202 Resp: 132468
Ion Ratio Lower Upper
202 100
101 14.7 12.0 18.0
100 11.9 9.8 14.6

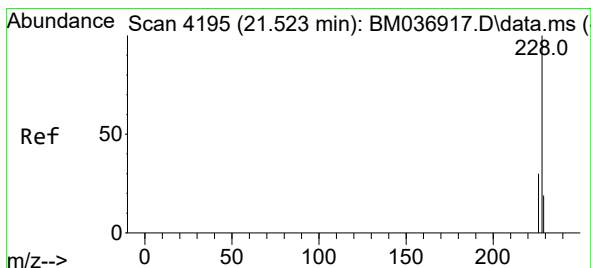
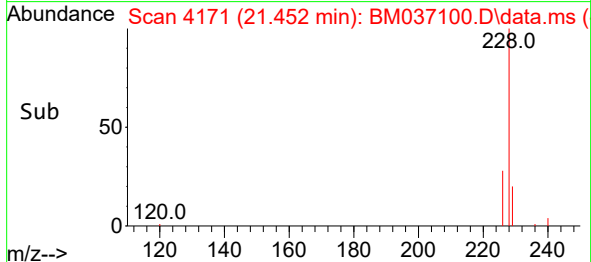
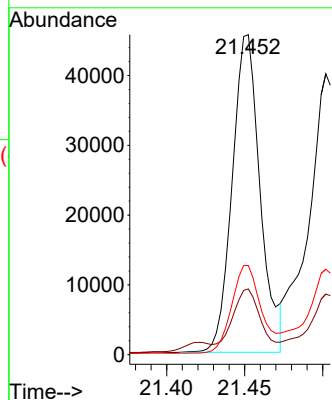
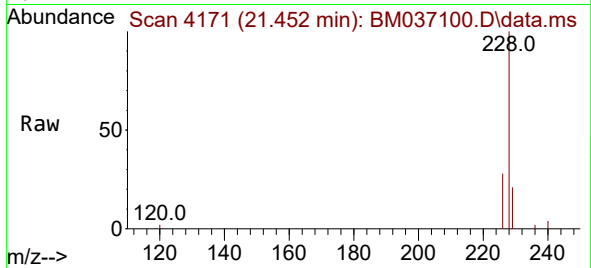




#21
Benzo(a)anthracene
Concen: 1.202 ng/ul
RT: 21.452 min Scan# 4171
Delta R.T. 0.002 min
Lab File: BM037100.D
Acq: 15 Oct 2022 19:57

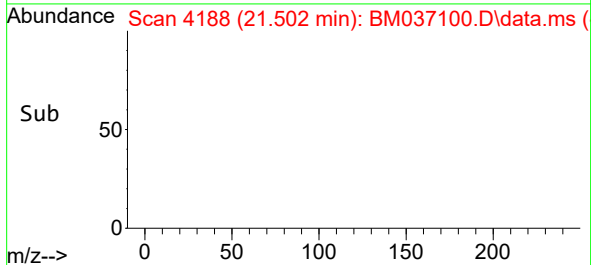
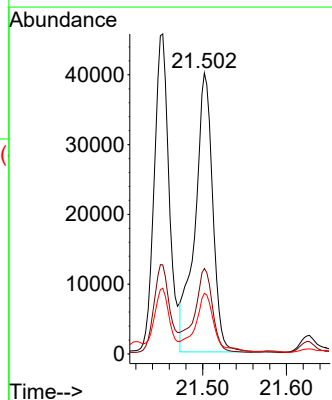
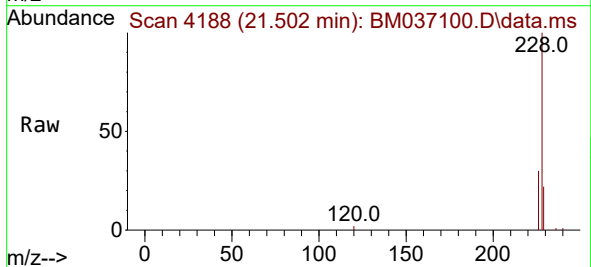
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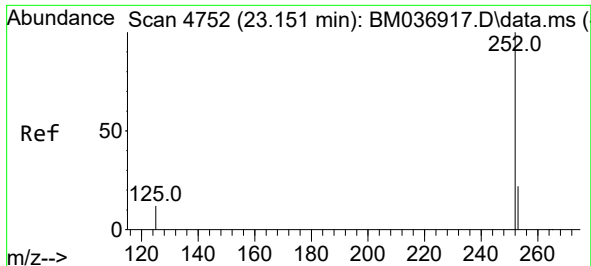
Tgt Ion:228 Resp: 56649
Ion Ratio Lower Upper
228 100
229 20.6 16.2 24.2
226 27.8 22.5 33.7



#22
Chrysene
Concen: 1.165 ng/ul
RT: 21.502 min Scan# 4188
Delta R.T. -0.001 min
Lab File: BM037100.D
Acq: 15 Oct 2022 19:57

Tgt Ion:228 Resp: 58941
Ion Ratio Lower Upper
228 100
226 30.4 24.6 37.0
229 21.6 16.4 24.6

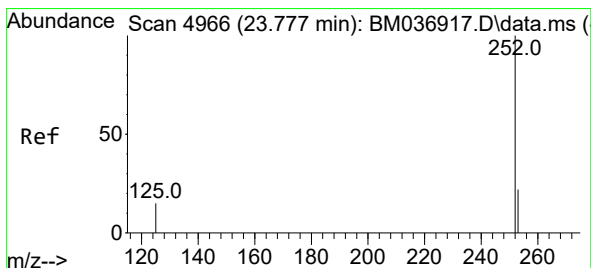
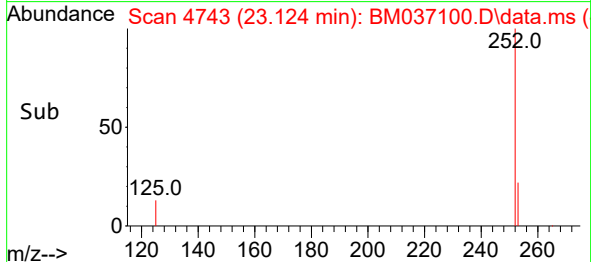
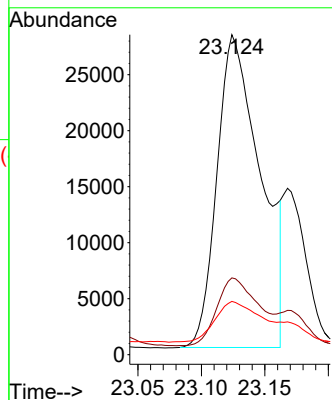
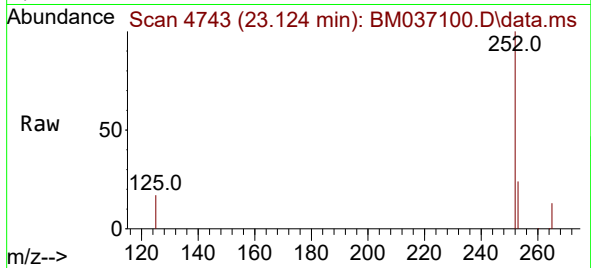




#24
Benzo(b)fluoranthene
Concen: 1.424 ng/ul
RT: 23.124 min Scan# 41
Delta R.T. 0.002 min
Lab File: BM037100.D
Acq: 15 Oct 2022 19:57

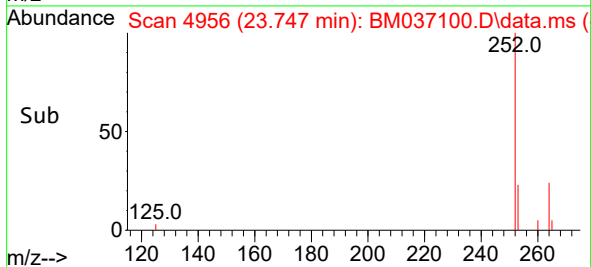
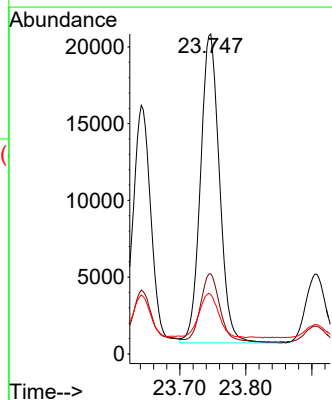
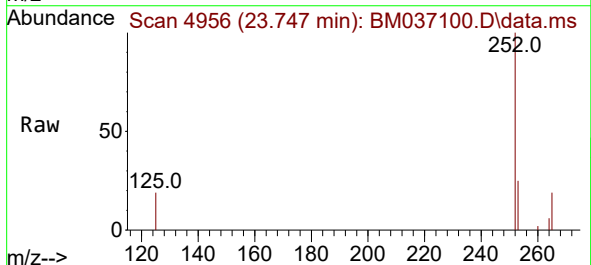
Instrument :
BNA_M
ClientSampleId :
C0BS4DL

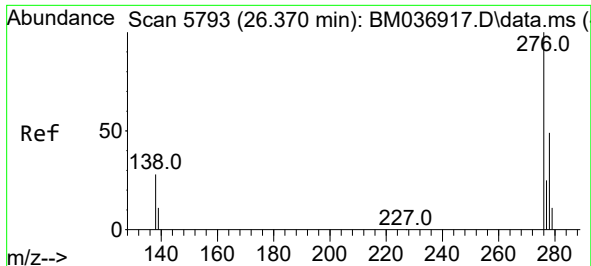
Tgt Ion:252 Resp: 66363
Ion Ratio Lower Upper
252 100
253 24.0 0.0 61.4
125 16.7 0.0 42.6



#26
Benzo(a)pyrene
Concen: 1.064 ng/ul
RT: 23.747 min Scan# 4956
Delta R.T. 0.002 min
Lab File: BM037100.D
Acq: 15 Oct 2022 19:57

Tgt Ion:252 Resp: 40258
Ion Ratio Lower Upper
252 100
253 25.1 29.7 44.5#
125 18.6 23.6 35.4#

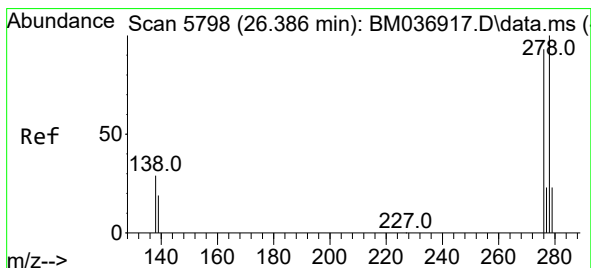
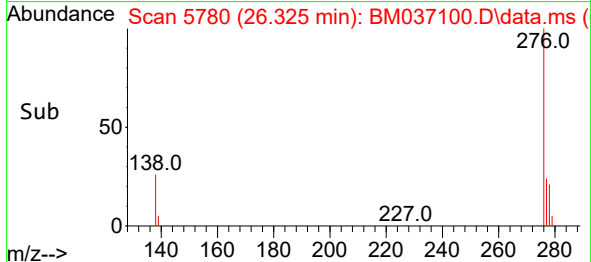
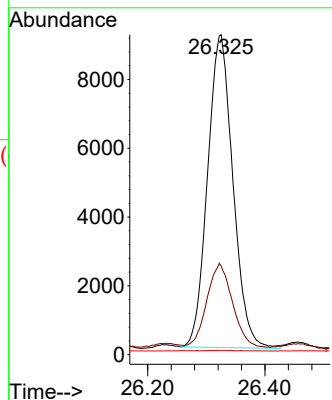
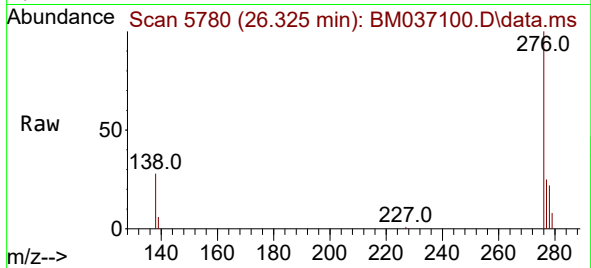




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.510 ng/ul
 RT: 26.325 min Scan# 5782
 Delta R.T. -0.001 min
 Lab File: BM037100.D
 Acq: 15 Oct 2022 19:57

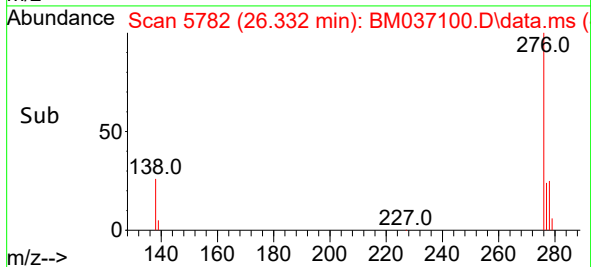
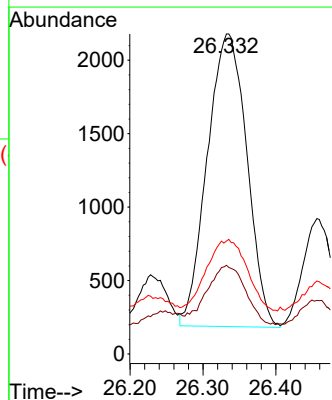
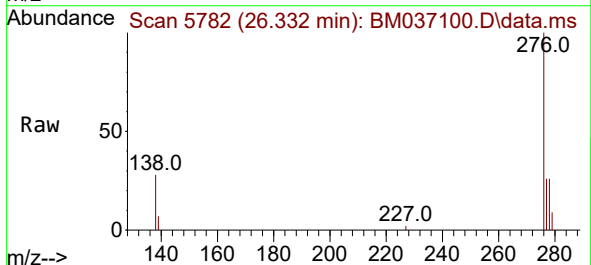
Instrument :
 BNA_M
 ClientSampleId :
 C0BS4DL

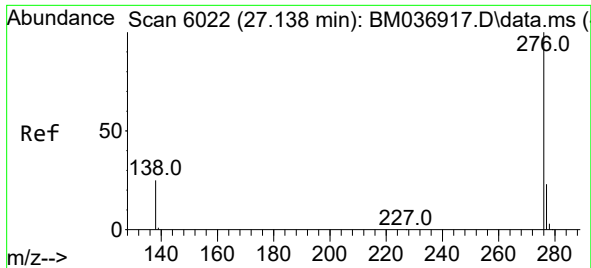
Tgt Ion:276 Resp: 27322
 Ion Ratio Lower Upper
 276 100
 138 27.2 23.9 35.9
 227 0.2 0.1 0.1#



#28
 Dibenzo(a,h)anthracene
 Concen: 0.174 ng/ul
 RT: 26.332 min Scan# 5782
 Delta R.T. -0.011 min
 Lab File: BM037100.D
 Acq: 15 Oct 2022 19:57

Tgt Ion:278 Resp: 7512
 Ion Ratio Lower Upper
 278 100
 139 27.7 19.8 29.6
 279 35.3 27.7 41.5





#29

Benzo(g,h,i)perylene

Concen: 0.475 ng/ul

RT: 27.087 min Scan# 60

Delta R.T. -0.001 min

Lab File: BM037100.D

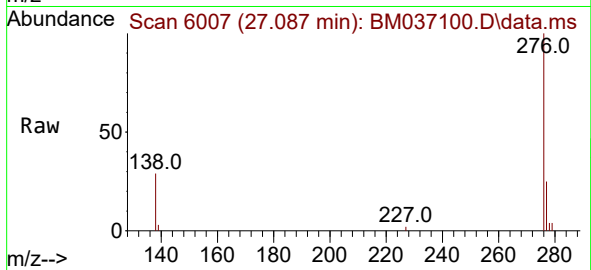
Acq: 15 Oct 2022 19:57

Instrument :

BNA_M

ClientSampleId :

C0BS4DL



Tgt Ion:276 Resp: 22432

Ion Ratio Lower Upper

276 100

138 29.0 23.4 35.0

277 25.5 21.0 31.4

