

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101322\
 Data File : BM037082.D
 Acq On : 15 Oct 2022 08:37
 Operator : CG/JU
 Sample : N5049-16
 Misc :
 ALS Vial : 79 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BS4

Quant Time: Oct 17 00:54:20 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)

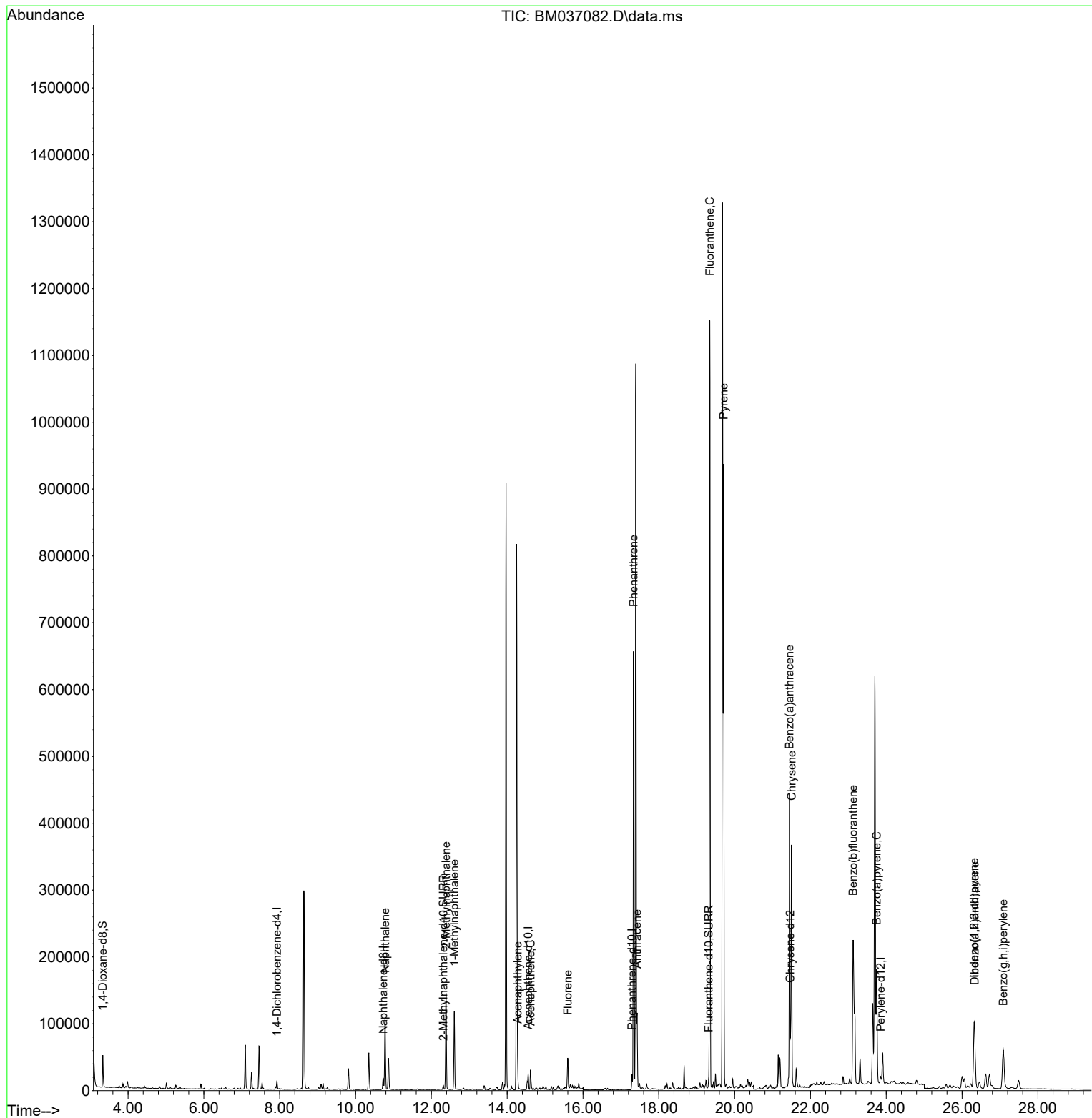
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.926	152	6217	0.400	ng/ul	0.00
4) Naphthalene-d8	10.732	136	22481	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.557	164	12691	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.293	188	24455	0.400	ng/ul	0.00
17) Chrysene-d12	21.467	240	16755	0.400	ng/ul	0.00
23) Perylene-d12	23.855	264	13500	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.335	96	30607	3.491	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.316	152	8118	0.239	ng/ul	0.00
18) Fluoranthene-d10	19.318	212	15938	0.318	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.781	128	144954	2.255	ng/ul	96
7) 2-Methylnaphthalene	12.387	142	99208	2.523	ng/ul	92
8) 1-Methylnaphthalene	12.607	142	79049	1.980	ng/ul	99
10) Acenaphthylene	14.280	152	25231	0.478	ng/ul#	94
11) Acenaphthene	14.617	153	17836	0.390	ng/ul	100
12) Fluorene	15.603	166	26580	0.512	ng/ul	99
15) Phenanthrene	17.335	178	676047	8.659	ng/ul	99
16) Anthracene	17.428	178	110508	1.694	ng/ul	98
19) Fluoranthene	19.346	202	930486	13.962	ng/ul	99
20) Pyrene	19.708	202	726004	10.447	ng/ul	100
21) Benzo(a)anthracene	21.449	228	357322	5.903	ng/ul	100
22) Chrysene	21.502	228	351301	5.405	ng/ul	99
24) Benzo(b)fluoranthene	23.127	252	394257	6.537	ng/ul	85
26) Benzo(a)pyrene	23.747	252	241038	4.926	ng/ul#	75
27) Indeno(1,2,3-cd)pyrene	26.322	276	159216	2.297	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.332	278	43966	0.785	ng/ul	93
29) Benzo(g,h,i)perylene	27.086	276	127378	2.085	ng/ul	96

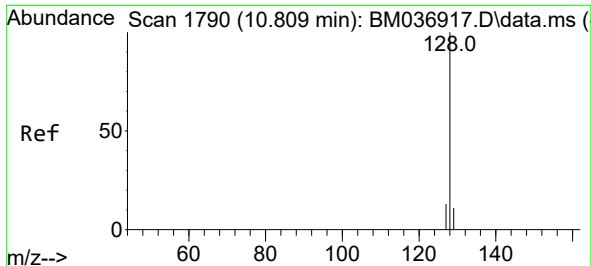
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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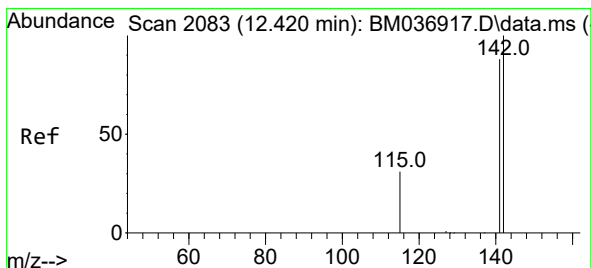
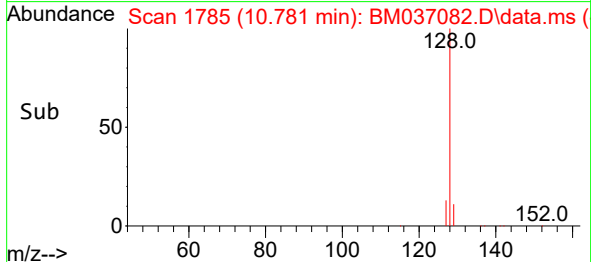
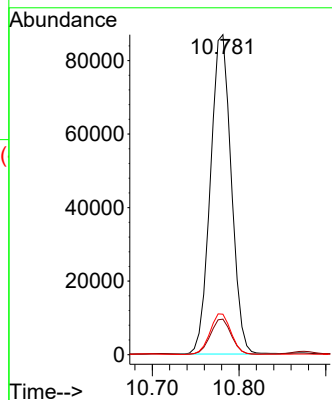
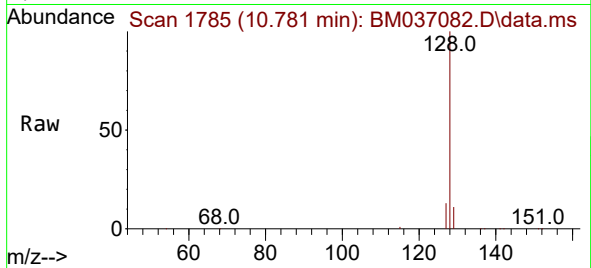




#5
Naphthalene
Concen: 2.255 ng/ul
RT: 10.781 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM037082.D
Acq: 15 Oct 2022 08:37

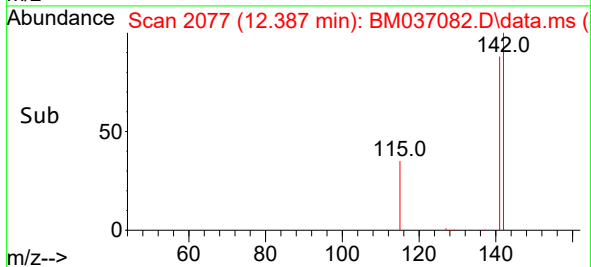
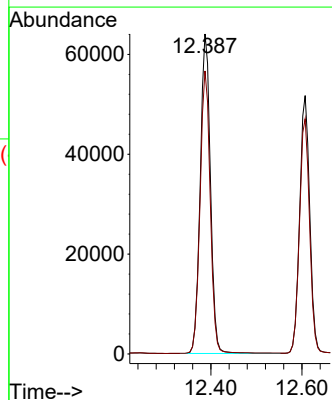
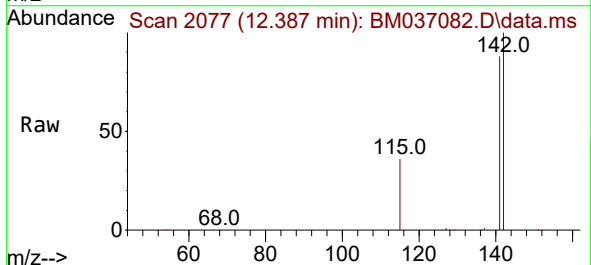
Instrument :
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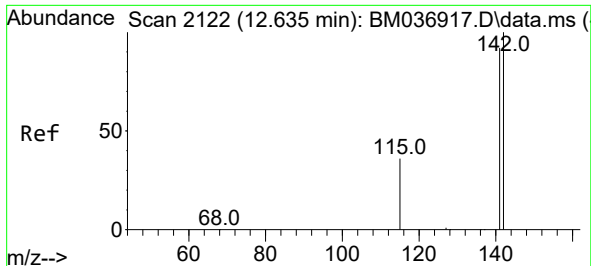
Tgt Ion:128 Resp: 144954
Ion Ratio Lower Upper
128 100
129 11.1 10.2 15.2
127 12.6 11.7 17.5



#7
2-Methylnaphthalene
Concen: 2.523 ng/ul
RT: 12.387 min Scan# 2077
Delta R.T. -0.006 min
Lab File: BM037082.D
Acq: 15 Oct 2022 08:37

Tgt Ion:142 Resp: 99208
Ion Ratio Lower Upper
142 100
141 88.6 77.4 116.0

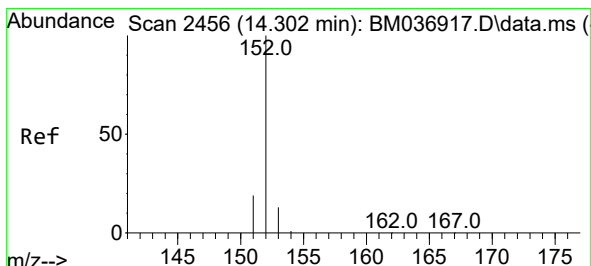
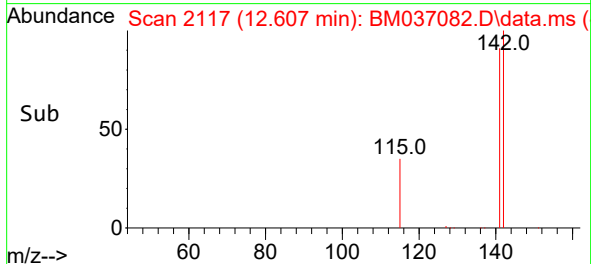
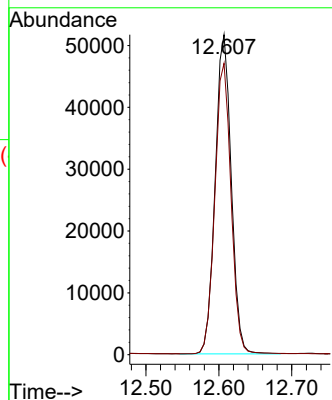
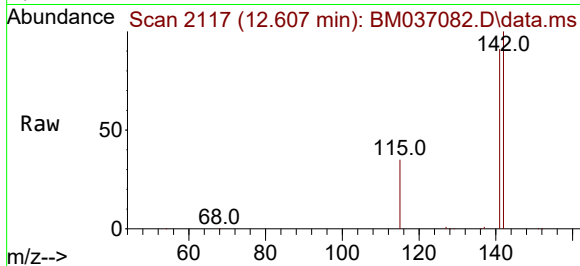




#8
1-Methylnaphthalene
Concen: 1.980 ng/ul
RT: 12.607 min Scan# 2122
Delta R.T. -0.000 min
Lab File: BM037082.D
Acq: 15 Oct 2022 08:37

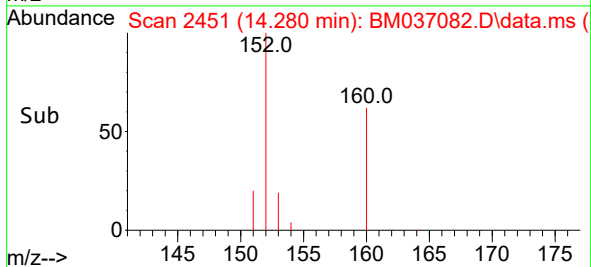
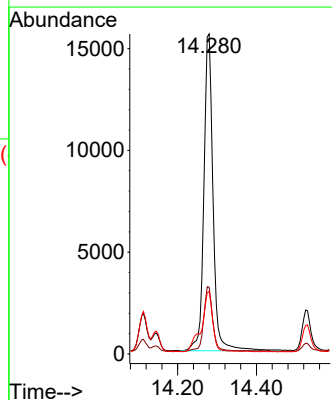
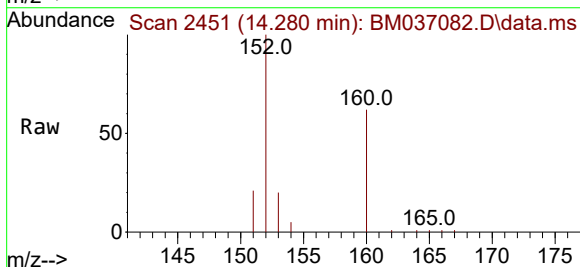
Instrument :
BNA_M
ClientSampleId :
C0BS4

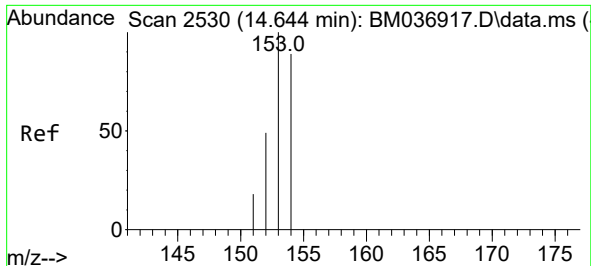
Tgt Ion:142 Resp: 79049
Ion Ratio Lower Upper
142 100
141 91.4 74.1 111.1



#10
Acenaphthylene
Concen: 0.478 ng/ul
RT: 14.280 min Scan# 2451
Delta R.T. 0.001 min
Lab File: BM037082.D
Acq: 15 Oct 2022 08:37

Tgt Ion:152 Resp: 25231
Ion Ratio Lower Upper
152 100
151 20.9 16.6 24.8
153 19.5 11.4 17.0#

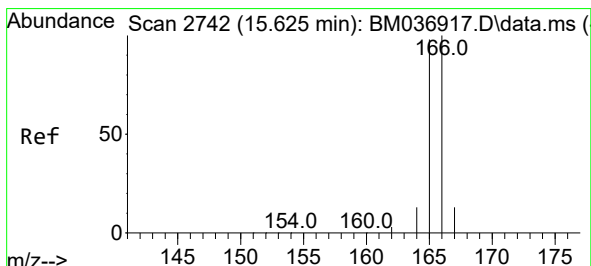
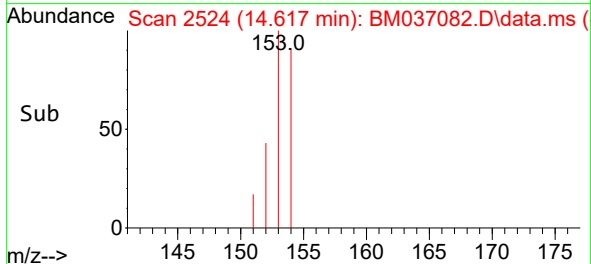
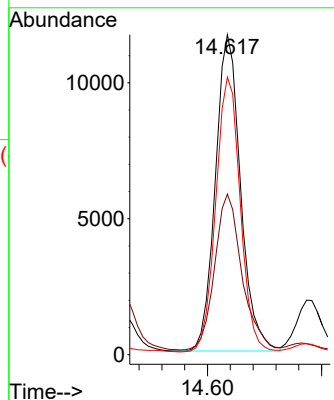
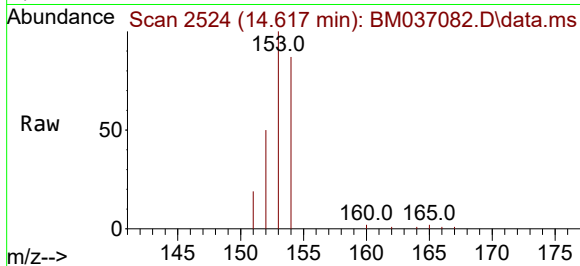




#11
Acenaphthene
Concen: 0.390 ng/u1
RT: 14.617 min Scan# 21
Delta R.T. 0.001 min
Lab File: BM037082.D
Acq: 15 Oct 2022 08:37

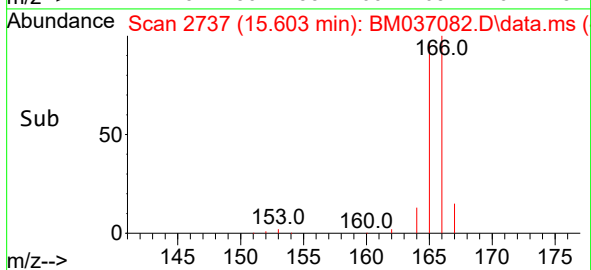
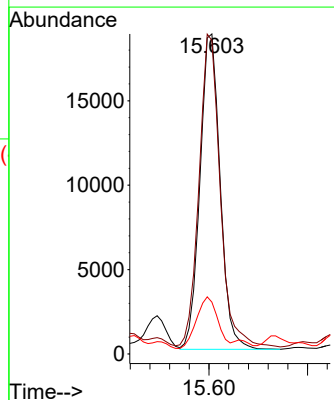
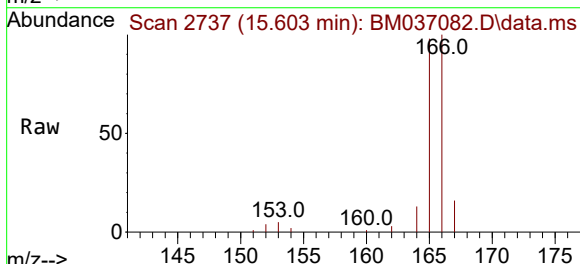
Instrument :
BNA_M
ClientSampleId :
C0BS4

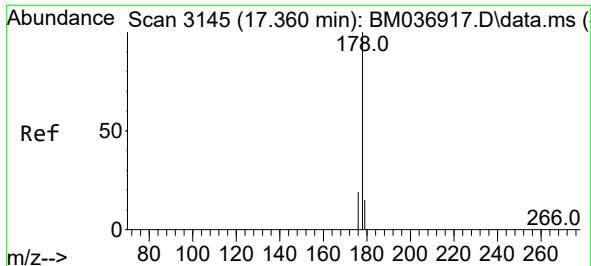
Tgt Ion:153 Resp: 17836
Ion Ratio Lower Upper
153 100
152 50.2 40.2 60.4
154 86.7 69.7 104.5



#12
Fluorene
Concen: 0.512 ng/u1
RT: 15.603 min Scan# 2737
Delta R.T. 0.001 min
Lab File: BM037082.D
Acq: 15 Oct 2022 08:37

Tgt Ion:166 Resp: 26580
Ion Ratio Lower Upper
166 100
165 98.0 78.9 118.3
167 16.2 11.3 16.9

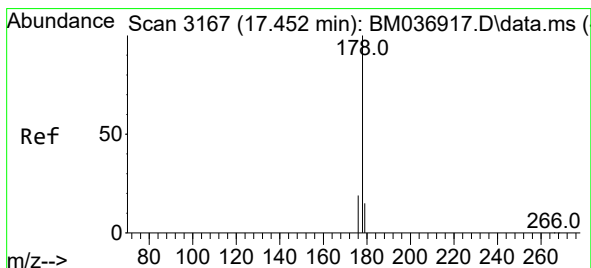
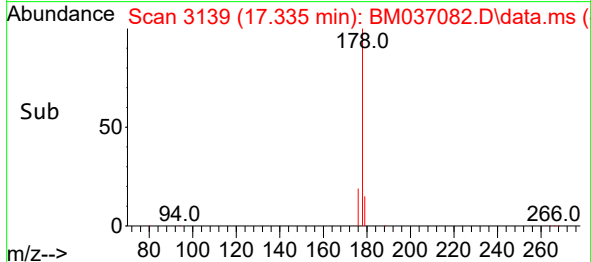
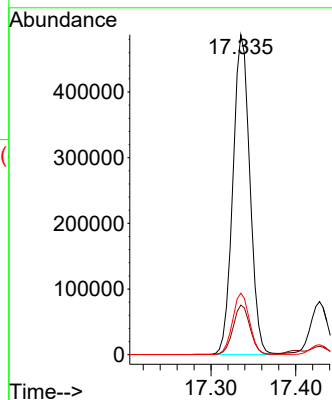
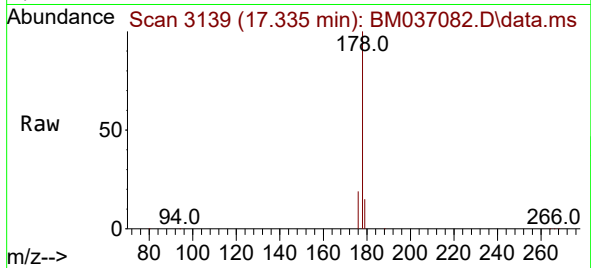




#15
Phenanthrene
Concen: 8.659 ng/ul
RT: 17.335 min Scan# 3145
Delta R.T. -0.003 min
Lab File: BM037082.D
Acq: 15 Oct 2022 08:37

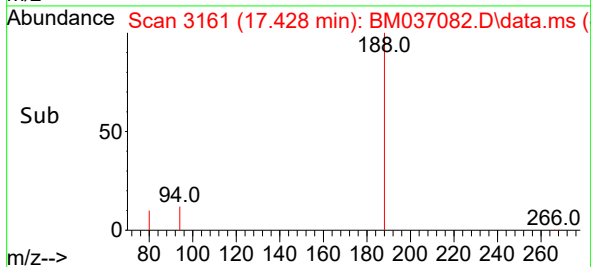
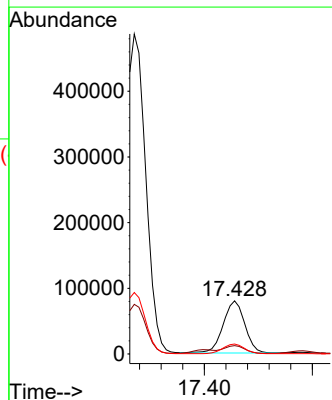
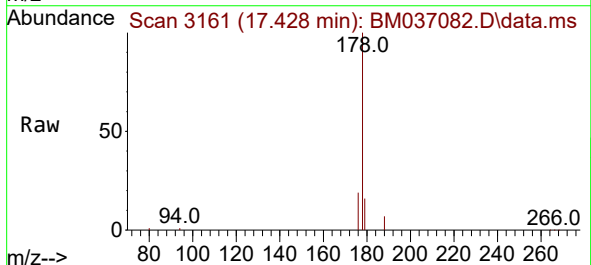
Instrument :
BNA_M
ClientSampleId :
C0BS4

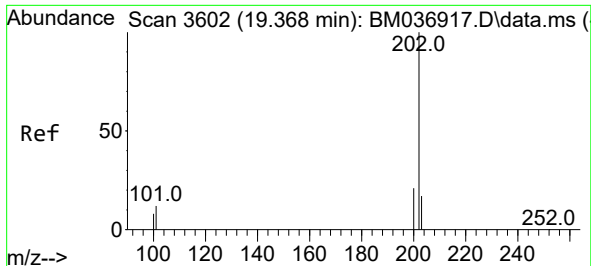
Tgt Ion:178 Resp: 676047
Ion Ratio Lower Upper
178 100
179 15.5 13.0 19.6
176 19.2 15.6 23.4



#16
Anthracene
Concen: 1.694 ng/ul
RT: 17.428 min Scan# 3161
Delta R.T. -0.003 min
Lab File: BM037082.D
Acq: 15 Oct 2022 08:37

Tgt Ion:178 Resp: 110508
Ion Ratio Lower Upper
178 100
179 15.8 13.6 20.4
176 18.7 15.6 23.4

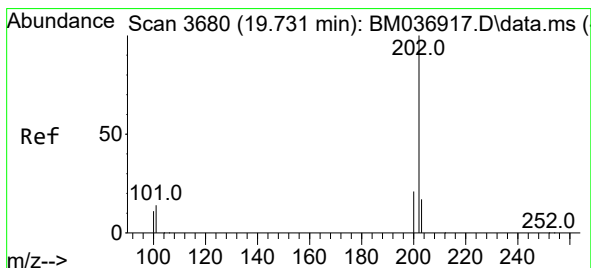
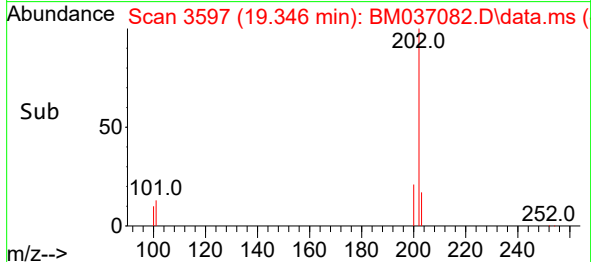
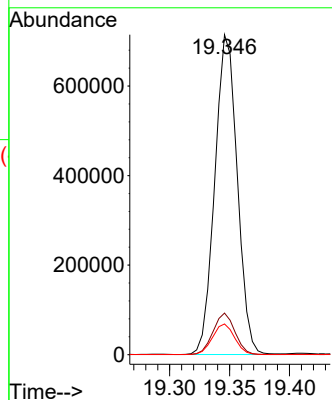
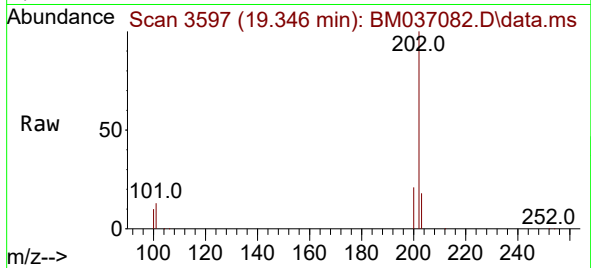




#19
Fluoranthene
Concen: 13.962 ng/ul
RT: 19.346 min Scan# 31
Delta R.T. -0.004 min
Lab File: BM037082.D
Acq: 15 Oct 2022 08:37

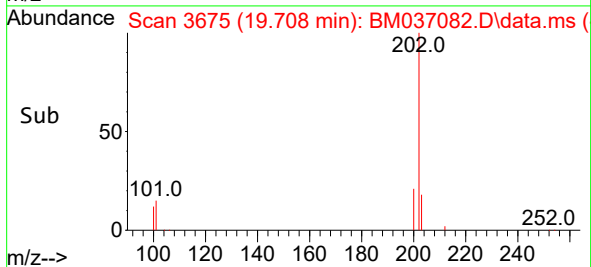
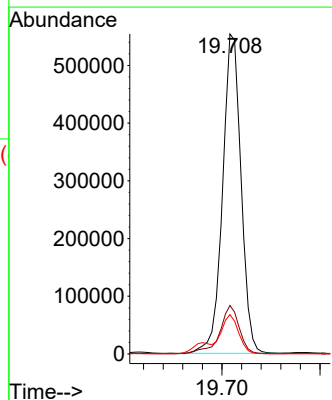
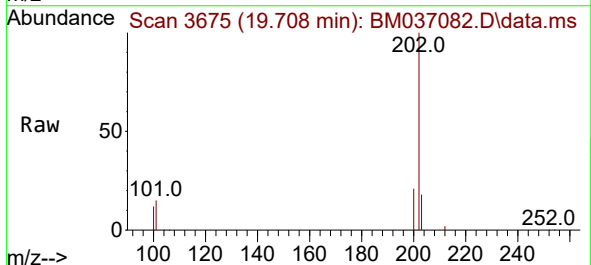
Instrument :
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ClientSampleId :
C0BS4

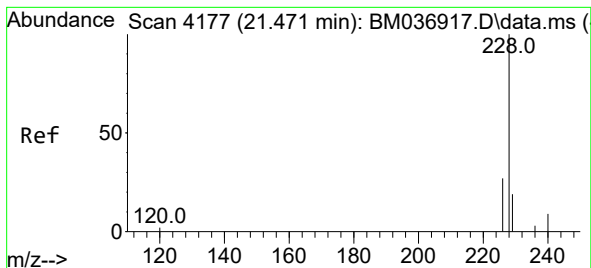
Tgt Ion:202 Resp: 930486
Ion Ratio Lower Upper
202 100
101 13.0 10.1 15.1
100 9.6 7.9 11.9



#20
Pyrene
Concen: 10.447 ng/ul
RT: 19.708 min Scan# 3675
Delta R.T. 0.001 min
Lab File: BM037082.D
Acq: 15 Oct 2022 08:37

Tgt Ion:202 Resp: 726004
Ion Ratio Lower Upper
202 100
101 15.2 12.0 18.0
100 12.3 9.8 14.6





#21

Benzo(a)anthracene

Concen: 5.903 ng/ul

RT: 21.449 min Scan# 41

Delta R.T. -0.001 min

Lab File: BM037082.D

Acq: 15 Oct 2022 08:37

Instrument :

BNA_M

ClientSampleId :

C0BS4

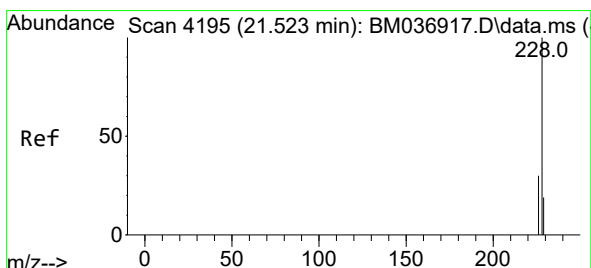
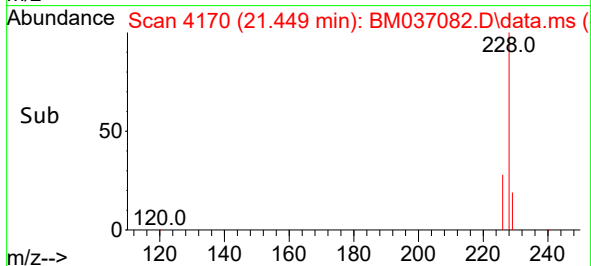
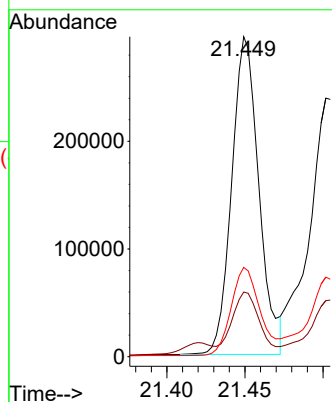
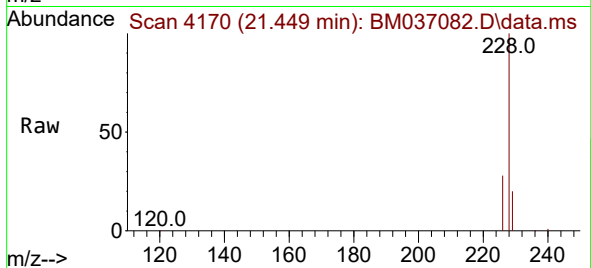
Tgt Ion:228 Resp: 357322

Ion Ratio Lower Upper

228 100

229 20.2 16.2 24.2

226 27.9 22.5 33.7



#22

Chrysene

Concen: 5.405 ng/ul

RT: 21.502 min Scan# 4188

Delta R.T. -0.001 min

Lab File: BM037082.D

Acq: 15 Oct 2022 08:37

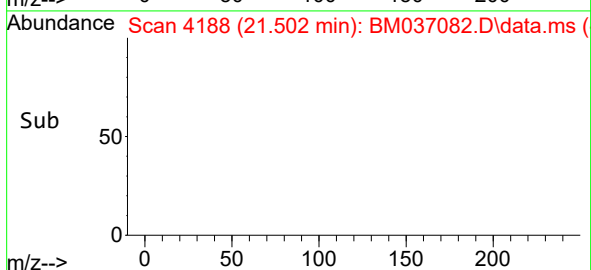
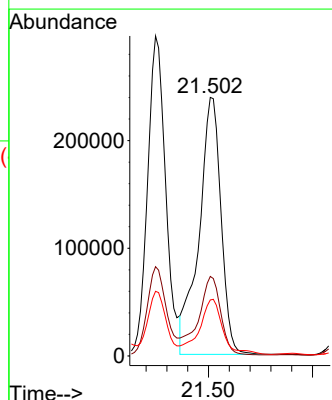
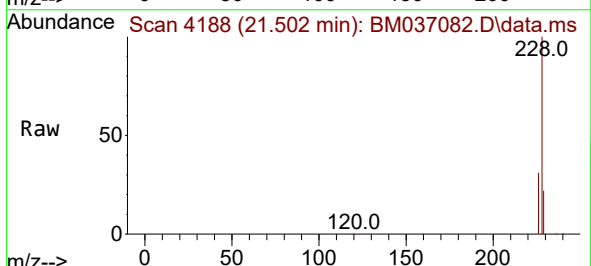
Tgt Ion:228 Resp: 351301

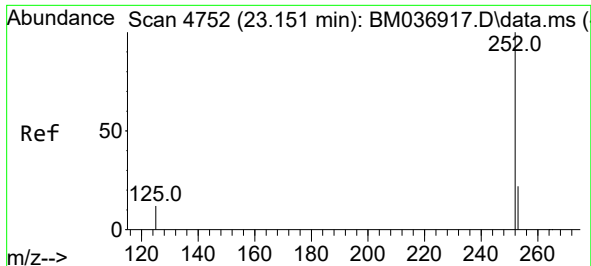
Ion Ratio Lower Upper

228 100

226 30.7 24.6 37.0

229 21.6 16.4 24.6

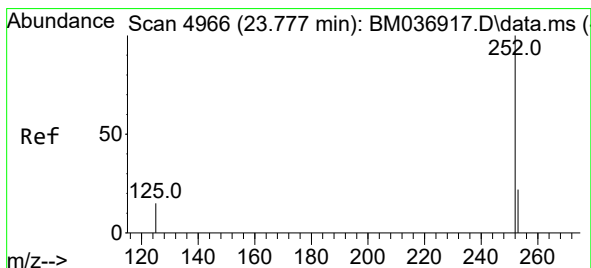
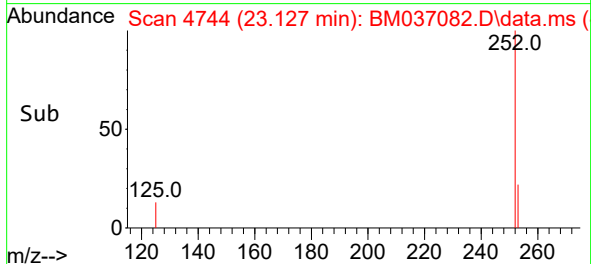
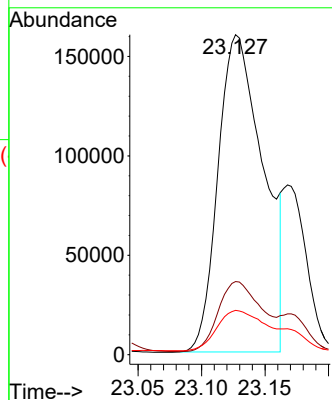
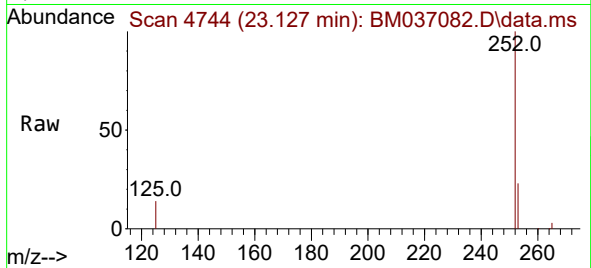




#24
Benzo(b)fluoranthene
Concen: 6.537 ng/ul
RT: 23.127 min Scan# 41
Delta R.T. 0.005 min
Lab File: BM037082.D
Acq: 15 Oct 2022 08:37

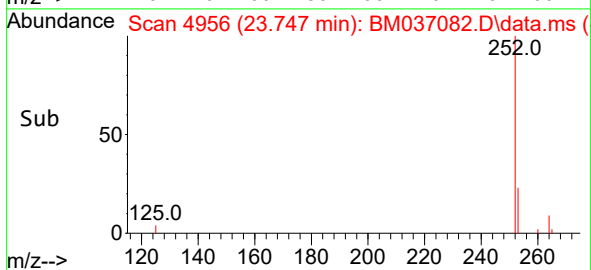
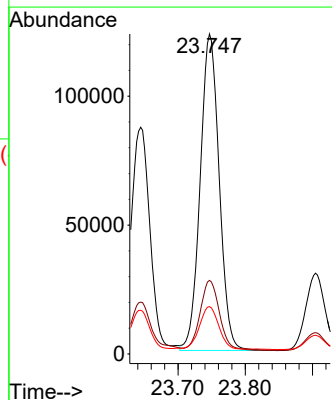
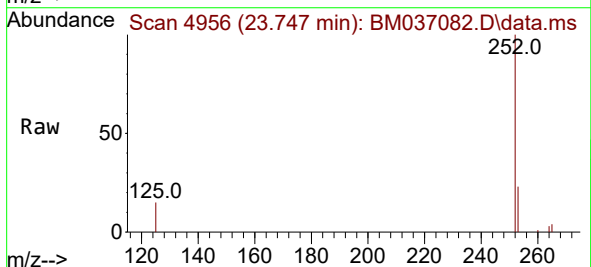
Instrument :
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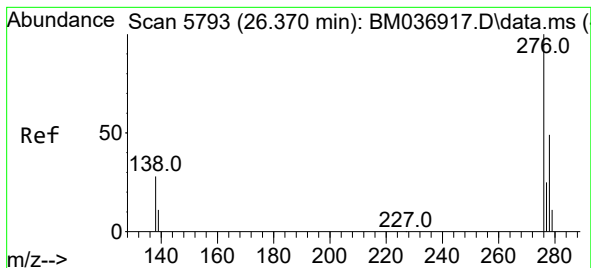
Tgt Ion:252 Resp: 394257
Ion Ratio Lower Upper
252 100
253 22.9 0.0 61.4
125 13.9 0.0 42.6



#26
Benzo(a)pyrene
Concen: 4.926 ng/ul
RT: 23.747 min Scan# 4956
Delta R.T. 0.002 min
Lab File: BM037082.D
Acq: 15 Oct 2022 08:37

Tgt Ion:252 Resp: 241038
Ion Ratio Lower Upper
252 100
253 23.0 29.7 44.5#
125 14.8 23.6 35.4#





#27

Indeno(1,2,3-cd)pyrene

Concen: 2.297 ng/ul

RT: 26.322 min Scan# 5

Delta R.T. -0.004 min

Lab File: BM037082.D

Acq: 15 Oct 2022 08:37

Instrument :

BNA_M

ClientSampleId :

C0BS4

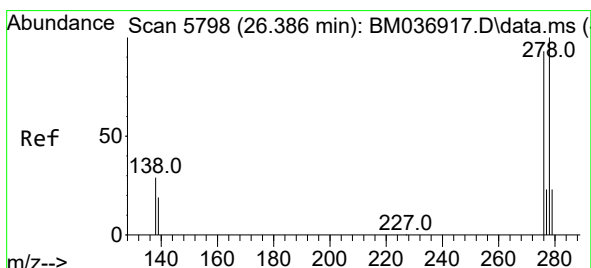
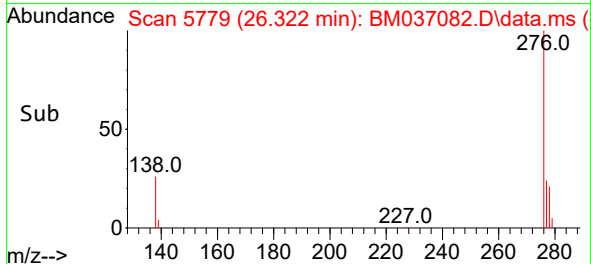
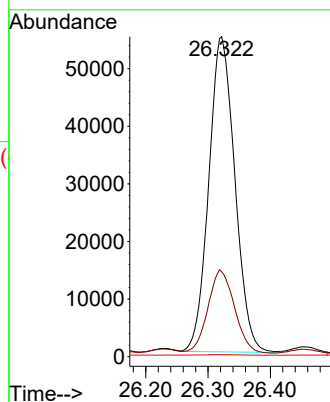
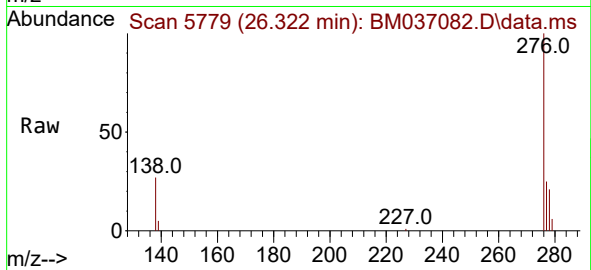
Tgt Ion:276 Resp: 159216

Ion Ratio Lower Upper

276 100

138 26.8 23.9 35.9

227 0.2 0.1 0.1#



#28

Dibenzo(a,h)anthracene

Concen: 0.785 ng/ul

RT: 26.332 min Scan# 5782

Delta R.T. -0.011 min

Lab File: BM037082.D

Acq: 15 Oct 2022 08:37

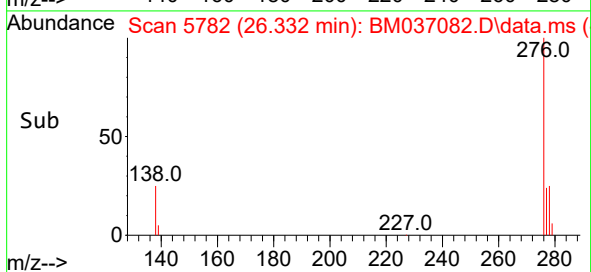
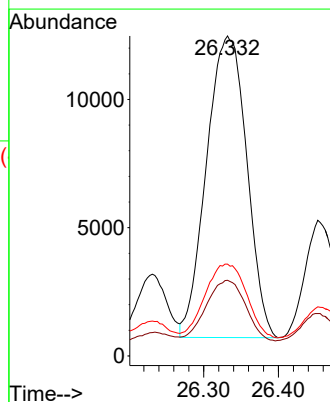
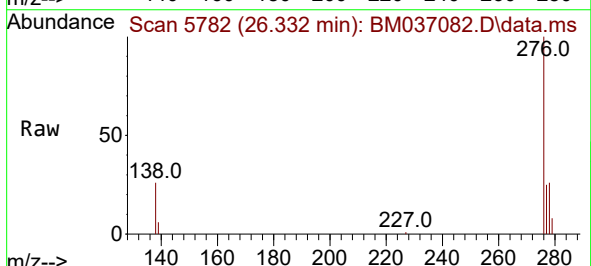
Tgt Ion:278 Resp: 43966

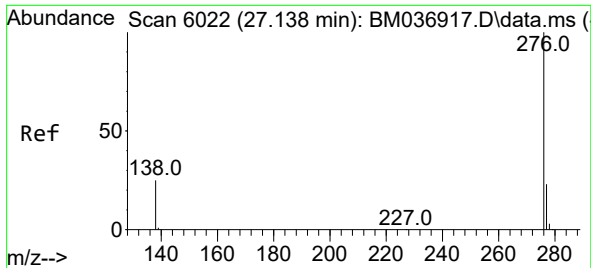
Ion Ratio Lower Upper

278 100

139 23.6 19.8 29.6

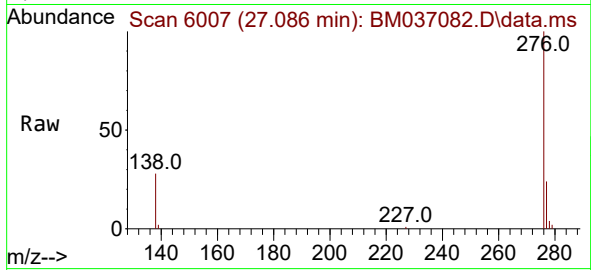
279 28.7 27.7 41.5





#29
 Benzo(g,h,i)perylene
 Concen: 2.085 ng/ul
 RT: 27.086 min Scan# 6022
 Delta R.T. -0.001 min
 Lab File: BM037082.D
 Acq: 15 Oct 2022 08:37

Instrument :
 BNA_M
 ClientSampleId :
 C0BS4



Tgt Ion:276 Resp: 127378
 Ion Ratio Lower Upper
 276 100
 138 27.6 23.4 35.0
 277 24.1 21.0 31.4

