

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101322\
 Data File : BM037086.D
 Acq On : 15 Oct 2022 11:02
 Operator : CG/JU
 Sample : N5049-04DL 5X
 Misc :
 ALS Vial : 83 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BG6DL

Quant Time: Oct 17 00:55:03 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)

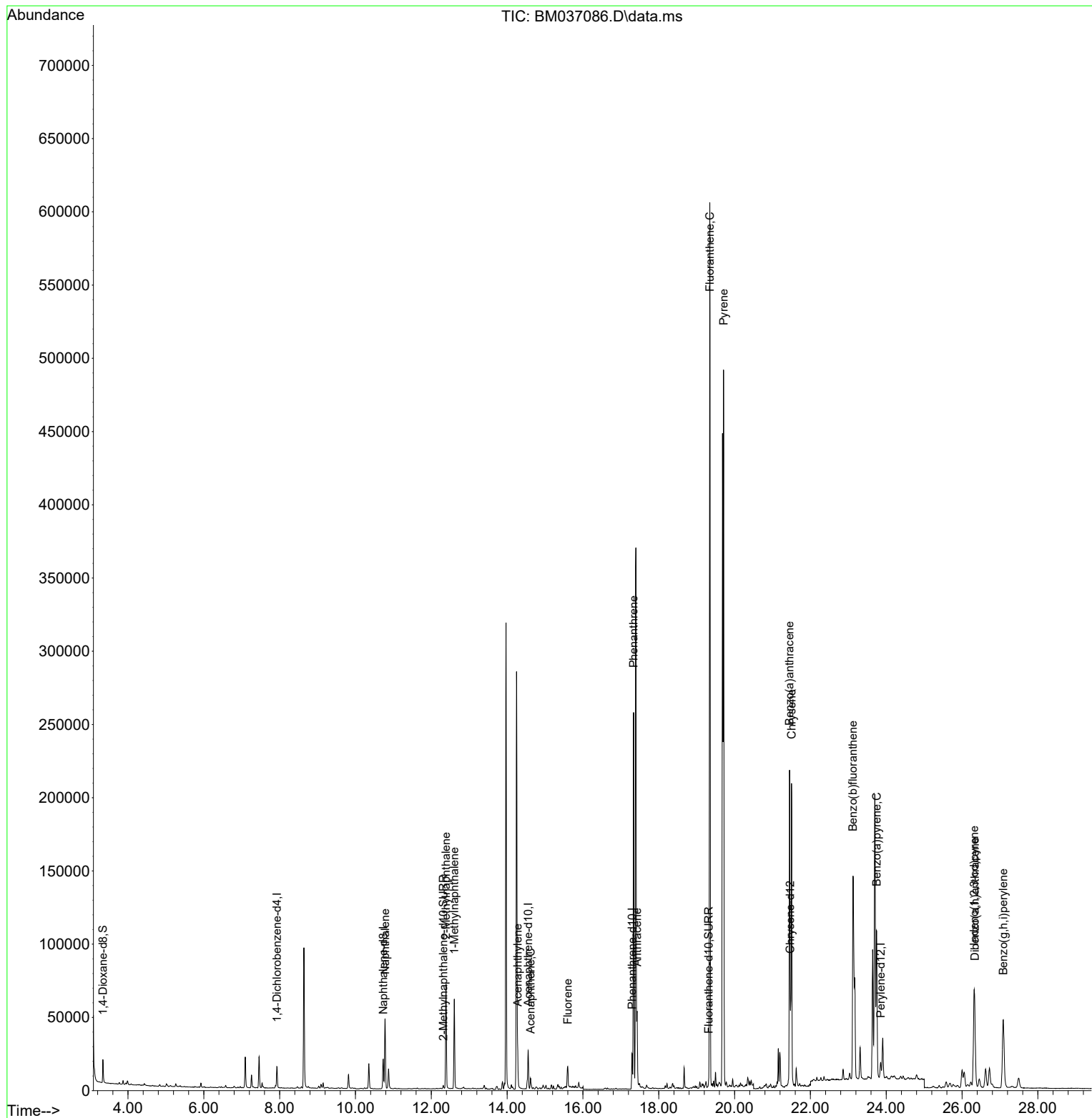
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.930	152	7621	0.400	ng/ul	0.00
4) Naphthalene-d8	10.732	136	27073	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.557	164	14417	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.297	188	27867	0.400	ng/ul	0.00
17) Chrysene-d12	21.467	240	17054	0.400	ng/ul	0.00
23) Perylene-d12	23.852	264	14539	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	10375	0.965	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.316	152	2807	0.069	ng/ul	0.00
18) Fluoranthene-d10	19.318	212	5017	0.098	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.781	128	65961	0.852	ng/ul	96
7) 2-Methylnaphthalene	12.387	142	50077	1.058	ng/ul	92
8) 1-Methylnaphthalene	12.607	142	41727	0.868	ng/ul	99
10) Acenaphthylene	14.280	152	24778	0.414	ng/ul	97
11) Acenaphthene	14.618	153	4549	0.087	ng/ul	98
12) Fluorene	15.603	166	8091	0.137	ng/ul#	97
15) Phenanthrene	17.335	178	254898	2.865	ng/ul	99
16) Anthracene	17.428	178	53603	0.721	ng/ul	98
19) Fluoranthene	19.346	202	487292	7.184	ng/ul	99
20) Pyrene	19.708	202	384786	5.440	ng/ul	99
21) Benzo(a)anthracene	21.449	228	177952	2.888	ng/ul	100
22) Chrysene	21.502	228	195065	2.949	ng/ul	99
24) Benzo(b)fluoranthene	23.124	252	242439	3.733	ng/ul	85
26) Benzo(a)pyrene	23.747	252	142904	2.712	ng/ul#	75
27) Indeno(1,2,3-cd)pyrene	26.319	276	115288	1.544	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.335	278	29786	0.494	ng/ul	92
29) Benzo(g,h,i)perylene	27.087	276	101425	1.542	ng/ul	96

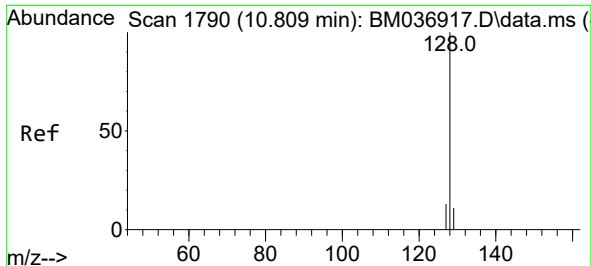
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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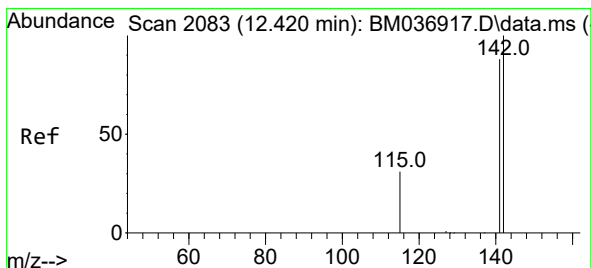
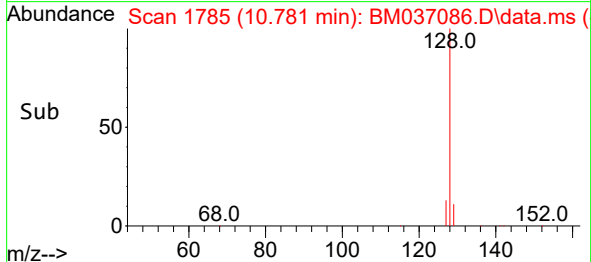
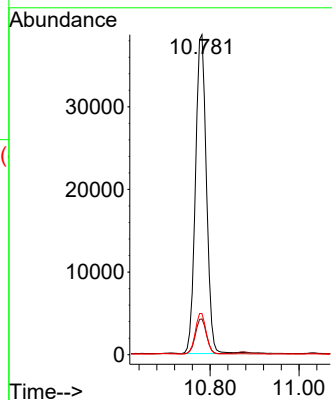
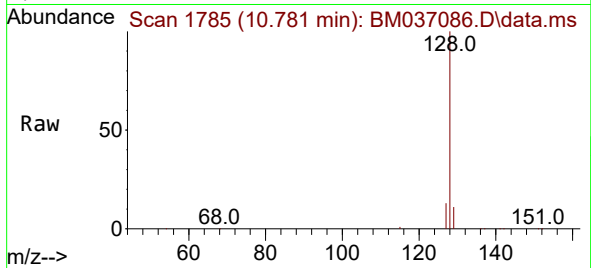




#5
Naphthalene
Concen: 0.852 ng/ul
RT: 10.781 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM037086.D
Acq: 15 Oct 2022 11:02

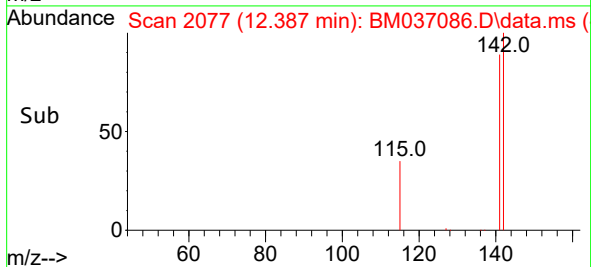
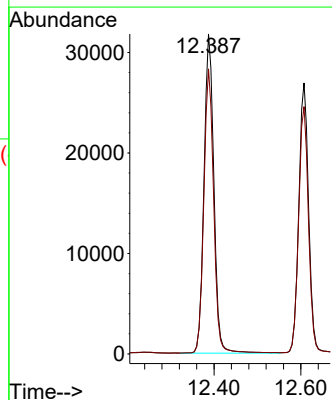
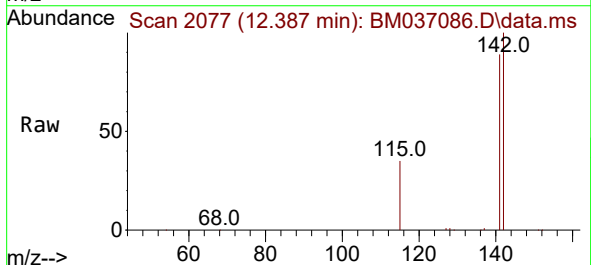
Instrument :
BNA_M
ClientSampleId :
C0BG6DL

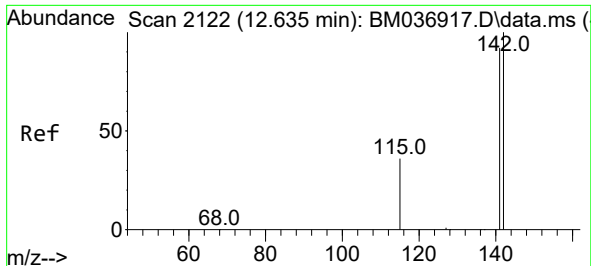
Tgt Ion:128 Resp: 65961
Ion Ratio Lower Upper
128 100
129 11.2 10.2 15.2
127 12.9 11.7 17.5



#7
2-Methylnaphthalene
Concen: 1.058 ng/ul
RT: 12.387 min Scan# 2077
Delta R.T. -0.005 min
Lab File: BM037086.D
Acq: 15 Oct 2022 11:02

Tgt Ion:142 Resp: 50077
Ion Ratio Lower Upper
142 100
141 88.8 77.4 116.0

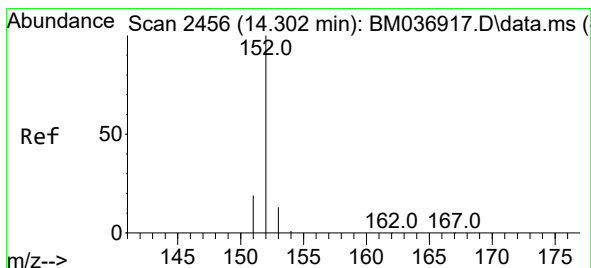
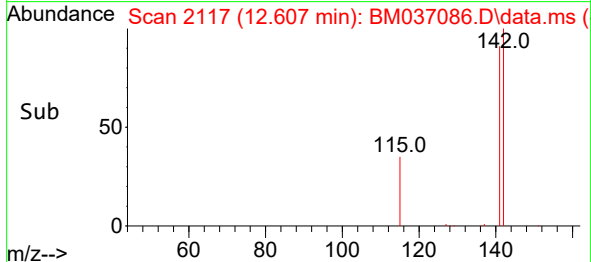
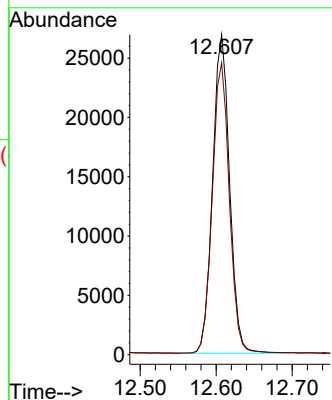
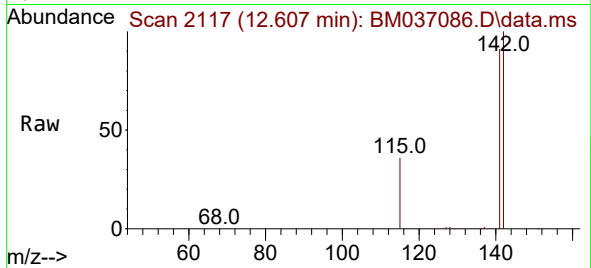




#8
1-Methylnaphthalene
Concen: 0.868 ng/ul
RT: 12.607 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BM037086.D
Acq: 15 Oct 2022 11:02

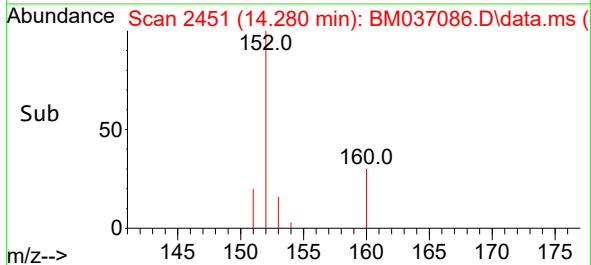
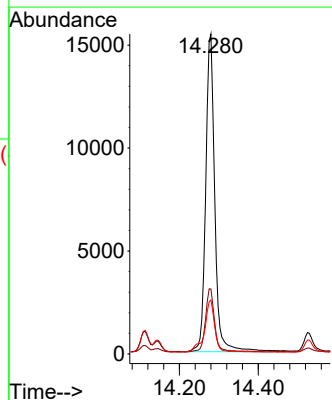
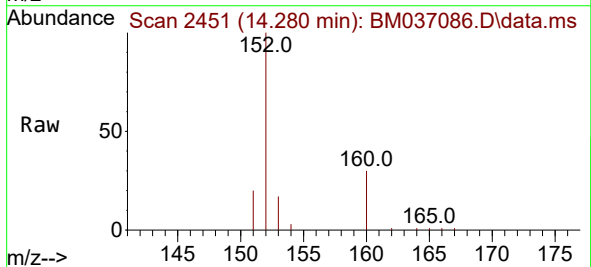
Instrument :
BNA_M
ClientSampleId :
C0BG6DL

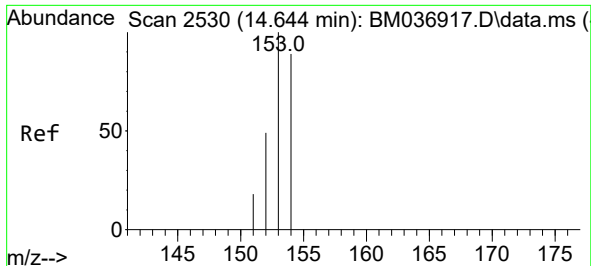
Tgt Ion:142 Resp: 41727
Ion Ratio Lower Upper
142 100
141 91.4 74.1 111.1



#10
Acenaphthylene
Concen: 0.414 ng/ul
RT: 14.280 min Scan# 2451
Delta R.T. 0.001 min
Lab File: BM037086.D
Acq: 15 Oct 2022 11:02

Tgt Ion:152 Resp: 24778
Ion Ratio Lower Upper
152 100
151 20.3 16.6 24.8
153 16.8 11.4 17.0

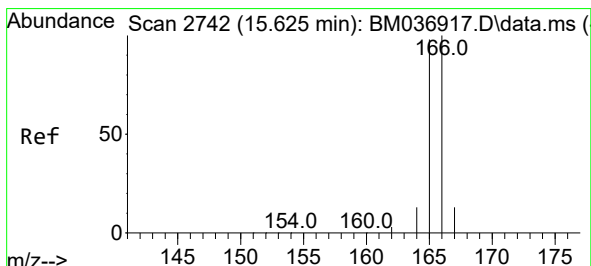
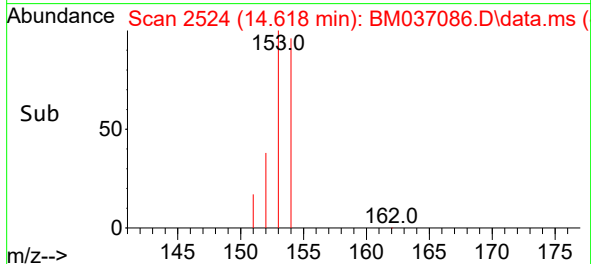
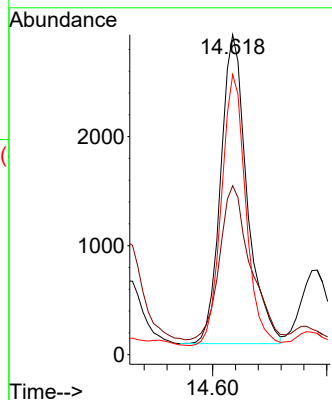
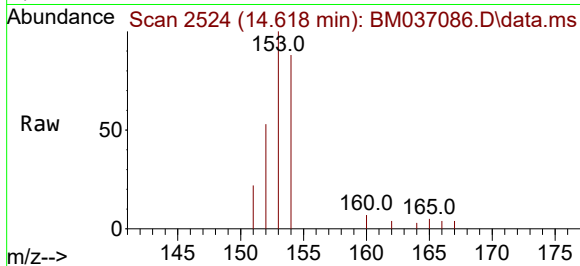




#11
Acenaphthene
Concen: 0.087 ng/ul
RT: 14.618 min Scan# 21
Delta R.T. 0.001 min
Lab File: BM037086.D
Acq: 15 Oct 2022 11:02

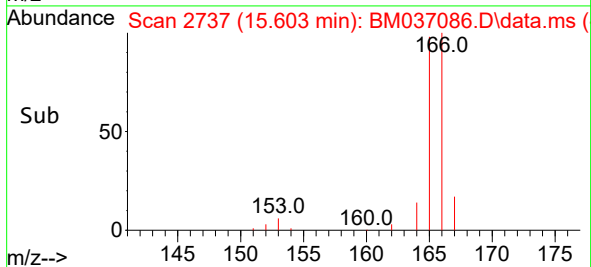
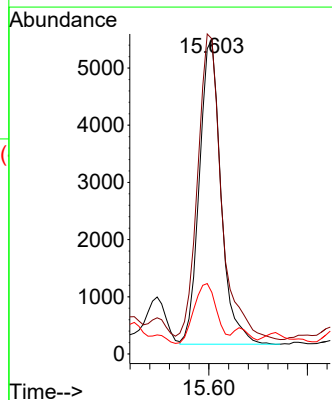
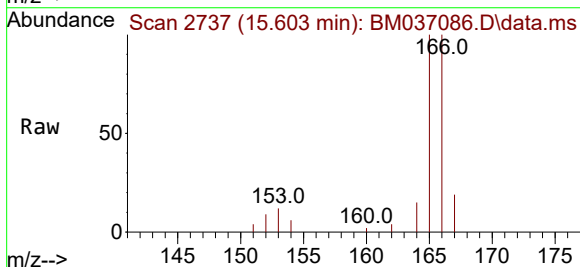
Instrument :
BNA_M
ClientSampleId :
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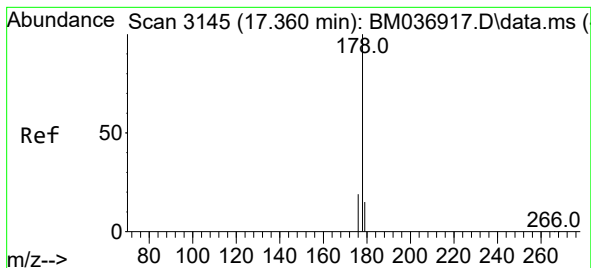
Tgt Ion:153 Resp: 4549
Ion Ratio Lower Upper
153 100
152 52.8 40.2 60.4
154 87.6 69.7 104.5



#12
Fluorene
Concen: 0.137 ng/ul
RT: 15.603 min Scan# 2737
Delta R.T. 0.001 min
Lab File: BM037086.D
Acq: 15 Oct 2022 11:02

Tgt Ion:166 Resp: 8091
Ion Ratio Lower Upper
166 100
165 100.2 78.9 118.3
167 19.5 11.3 16.9#





#15

Phenanthrene

Concen: 2.865 ng/ul

RT: 17.335 min Scan# 31

Delta R.T. -0.003 min

Lab File: BM037086.D

Acq: 15 Oct 2022 11:02

Instrument :

BNA_M

ClientSampleId :

C0BG6DL

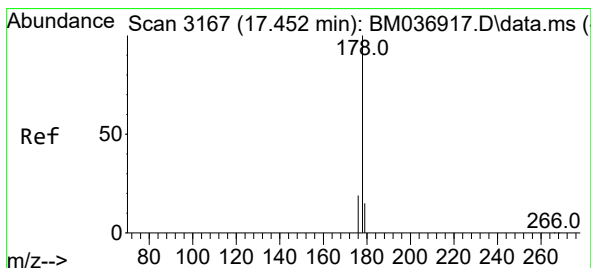
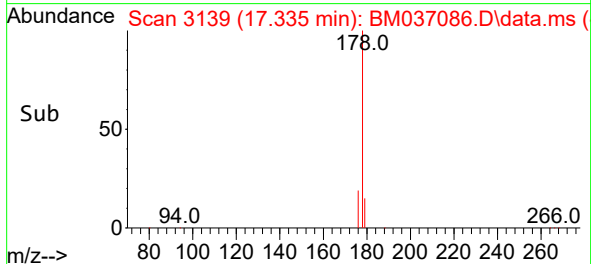
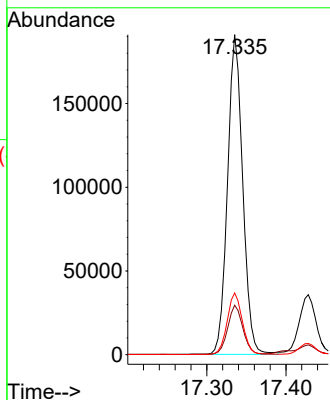
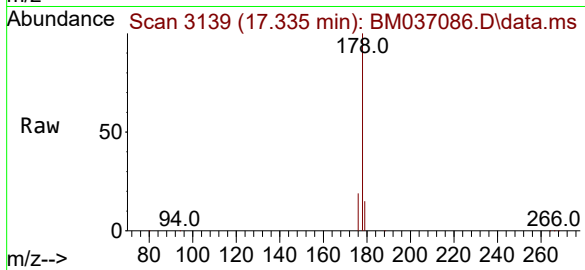
Tgt Ion:178 Resp: 254898

Ion Ratio Lower Upper

178 100

179 15.5 13.0 19.6

176 19.3 15.6 23.4



#16

Anthracene

Concen: 0.721 ng/ul

RT: 17.428 min Scan# 3161

Delta R.T. -0.003 min

Lab File: BM037086.D

Acq: 15 Oct 2022 11:02

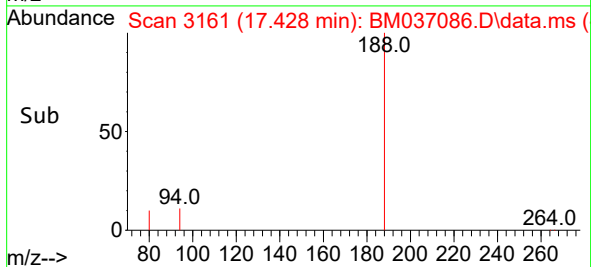
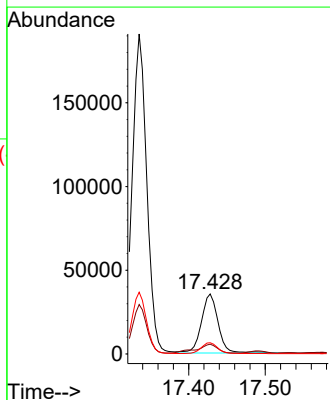
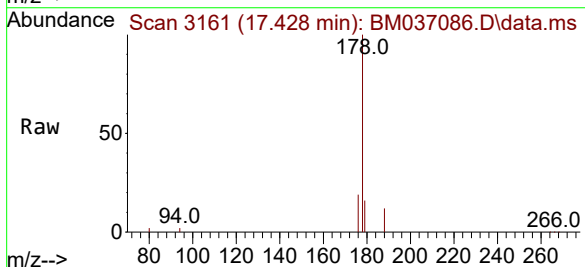
Tgt Ion:178 Resp: 53603

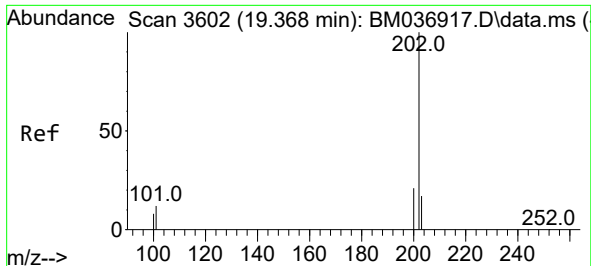
Ion Ratio Lower Upper

178 100

179 16.2 13.6 20.4

176 18.8 15.6 23.4

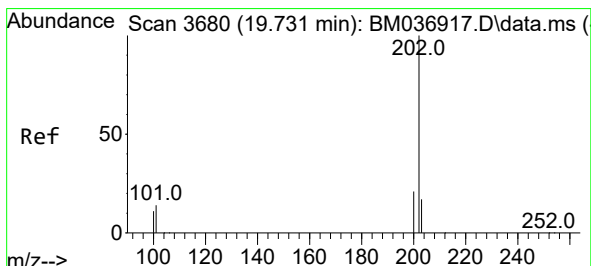
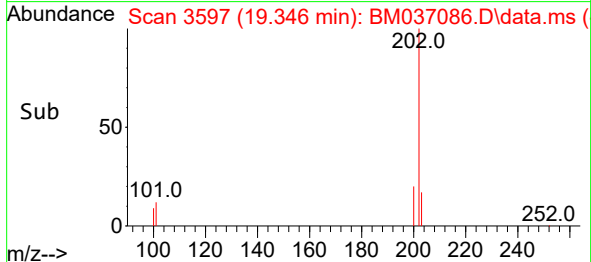
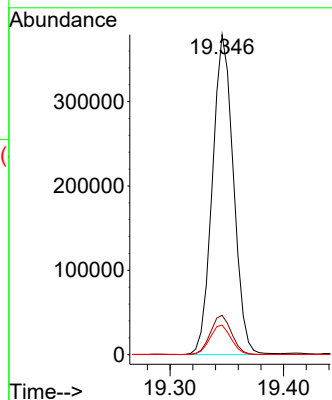
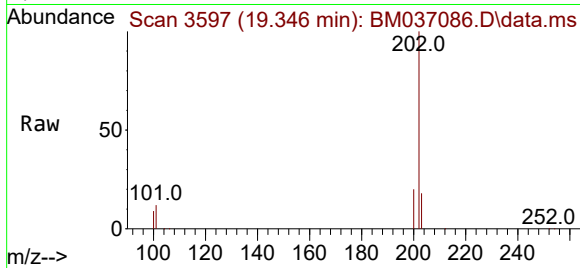




#19
Fluoranthene
Concen: 7.184 ng/ul
RT: 19.346 min Scan# 31
Delta R.T. -0.004 min
Lab File: BM037086.D
Acq: 15 Oct 2022 11:02

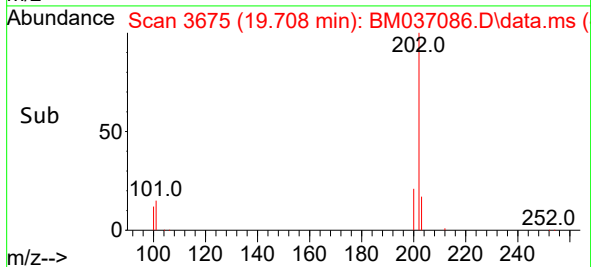
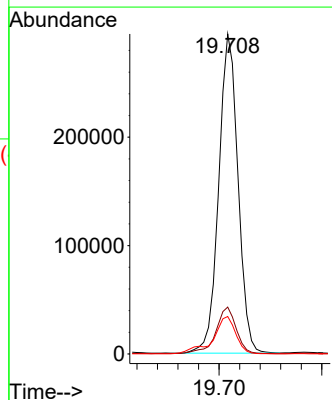
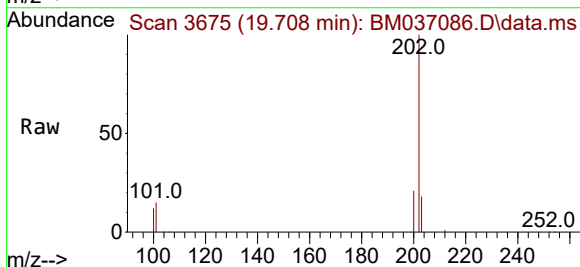
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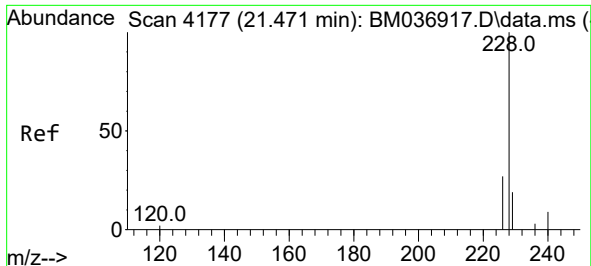
Tgt Ion:202 Resp: 487292
Ion Ratio Lower Upper
202 100
101 12.3 10.1 15.1
100 9.2 7.9 11.9



#20
Pyrene
Concen: 5.440 ng/ul
RT: 19.708 min Scan# 3675
Delta R.T. 0.001 min
Lab File: BM037086.D
Acq: 15 Oct 2022 11:02

Tgt Ion:202 Resp: 384786
Ion Ratio Lower Upper
202 100
101 14.7 12.0 18.0
100 11.7 9.8 14.6

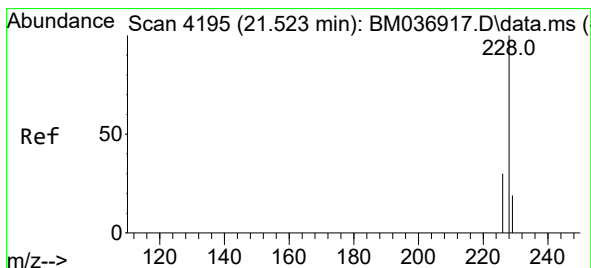
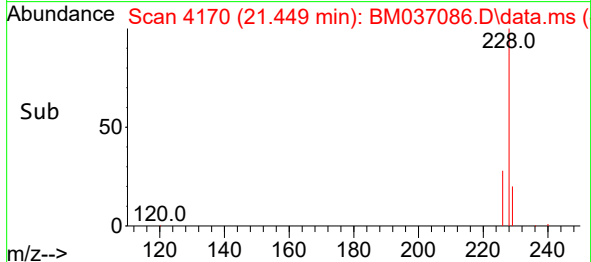
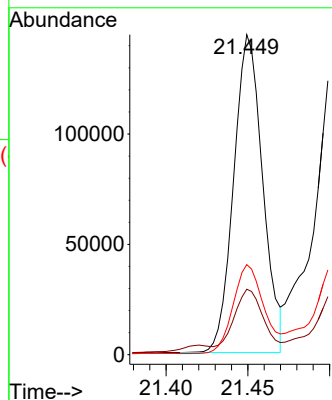
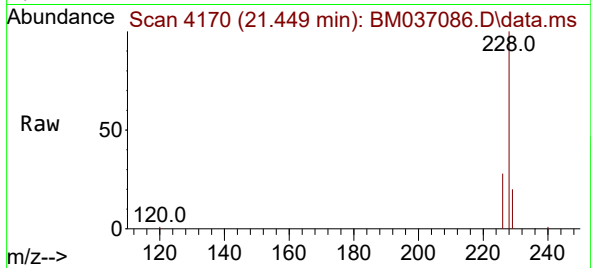




#21
Benzo(a)anthracene
Concen: 2.888 ng/ul
RT: 21.449 min Scan# 4177
Delta R.T. -0.001 min
Lab File: BM037086.D
Acq: 15 Oct 2022 11:02

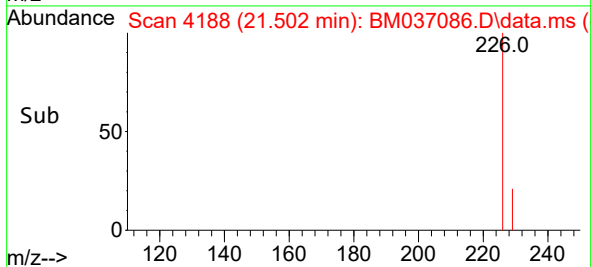
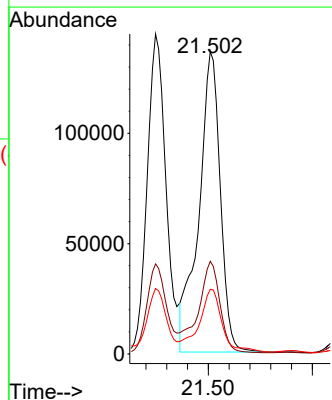
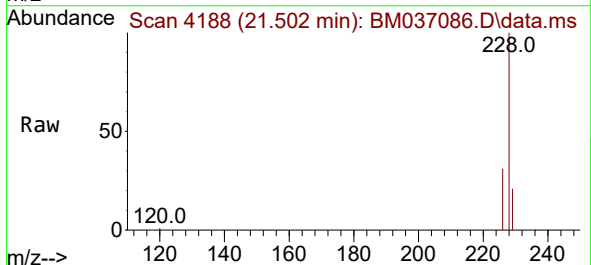
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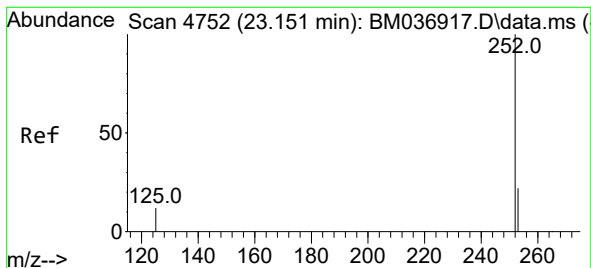
Tgt Ion:228 Resp: 177952
Ion Ratio Lower Upper
228 100
229 20.5 16.2 24.2
226 28.2 22.5 33.7



#22
Chrysene
Concen: 2.949 ng/ul
RT: 21.502 min Scan# 4188
Delta R.T. -0.001 min
Lab File: BM037086.D
Acq: 15 Oct 2022 11:02

Tgt Ion:228 Resp: 195065
Ion Ratio Lower Upper
228 100
226 30.6 24.6 37.0
229 21.4 16.4 24.6





#24

Benzo(b)fluoranthene

Concen: 3.733 ng/ul

RT: 23.124 min Scan# 41

Delta R.T. 0.002 min

Lab File: BM037086.D

Acq: 15 Oct 2022 11:02

Instrument :

BNA_M

ClientSampleId :

C0BG6DL

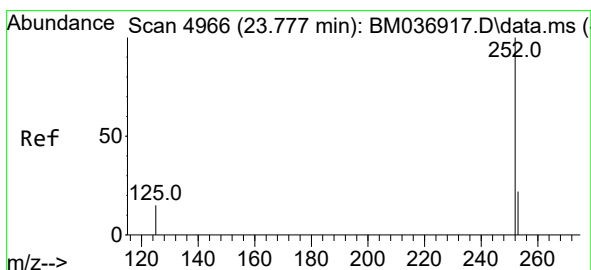
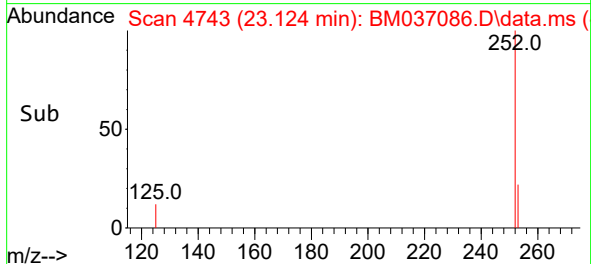
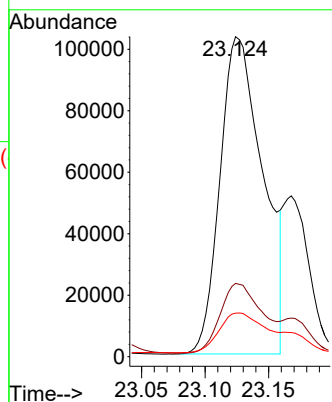
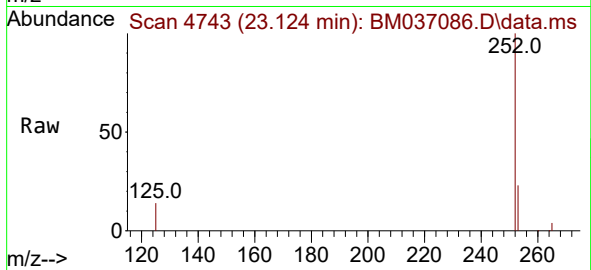
Tgt Ion:252 Resp: 242439

Ion Ratio Lower Upper

252 100

253 22.9 0.0 61.4

125 13.6 0.0 42.6



#26

Benzo(a)pyrene

Concen: 2.712 ng/ul

RT: 23.747 min Scan# 4956

Delta R.T. 0.002 min

Lab File: BM037086.D

Acq: 15 Oct 2022 11:02

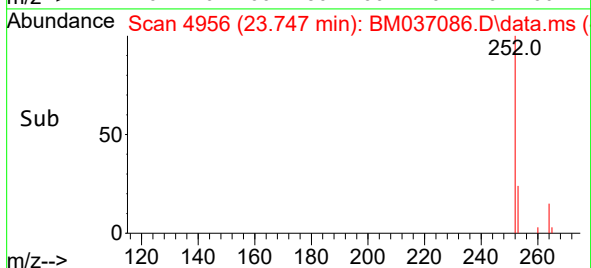
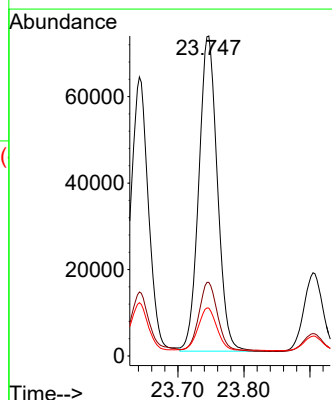
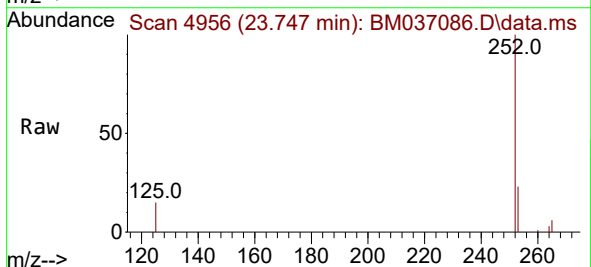
Tgt Ion:252 Resp: 142904

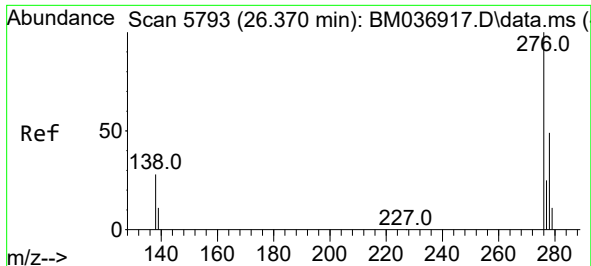
Ion Ratio Lower Upper

252 100

253 23.0 29.7 44.5#

125 15.0 23.6 35.4#

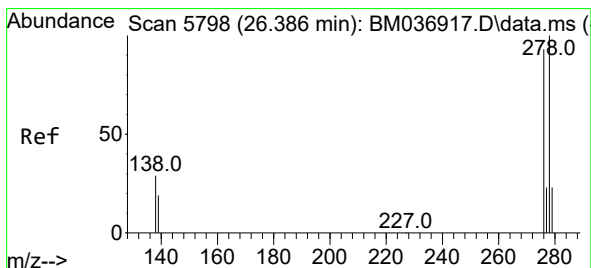
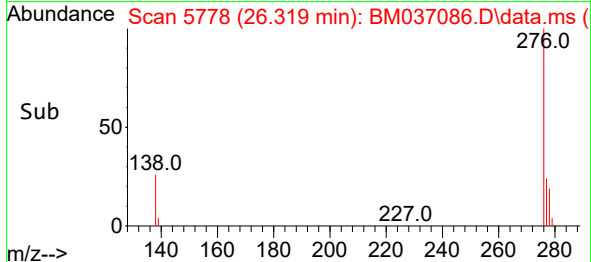
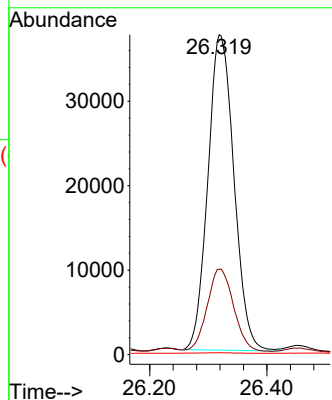
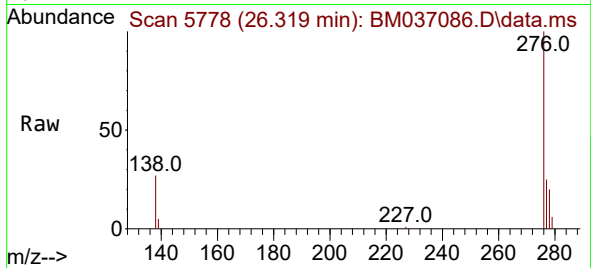




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 1.544 ng/ul
 RT: 26.319 min Scan# 5778
 Delta R.T. -0.008 min
 Lab File: BM037086.D
 Acq: 15 Oct 2022 11:02

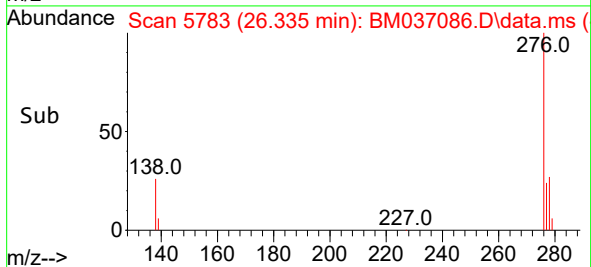
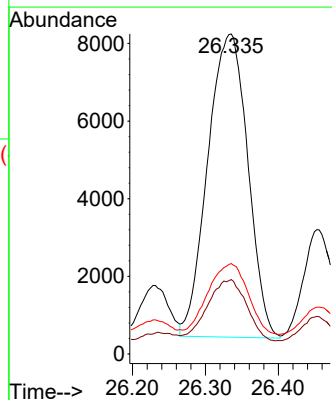
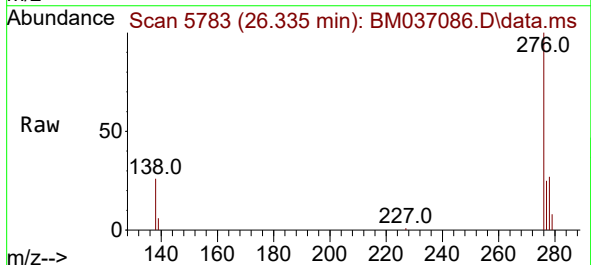
Instrument :
 BNA_M
 ClientSampleId :
 C0BG6DL

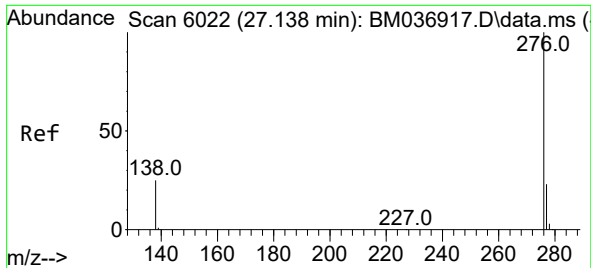
Tgt Ion:276 Resp: 115288
 Ion Ratio Lower Upper
 276 100
 138 26.5 23.9 35.9
 227 0.2 0.1 0.1#



#28
 Dibenzo(a,h)anthracene
 Concen: 0.494 ng/ul
 RT: 26.335 min Scan# 5783
 Delta R.T. -0.008 min
 Lab File: BM037086.D
 Acq: 15 Oct 2022 11:02

Tgt Ion:278 Resp: 29786
 Ion Ratio Lower Upper
 278 100
 139 23.3 19.8 29.6
 279 28.2 27.7 41.5





#29
 Benzo(g,h,i)perylene
 Concen: 1.542 ng/ul
 RT: 27.087 min Scan# 60
 Delta R.T. -0.001 min
 Lab File: BM037086.D
 Acq: 15 Oct 2022 11:02

Instrument :
 BNA_M
 ClientSampleId :
 C0BG6DL

Tgt Ion:276 Resp: 101425
 Ion Ratio Lower Upper
 276 100
 138 27.0 23.4 35.0
 277 24.3 21.0 31.4

