

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101322\
 Data File : BM037079.D
 Acq On : 15 Oct 2022 06:52
 Operator : CG/JU
 Sample : N5049-13
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BR9

Quant Time: Oct 17 00:53:48 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)

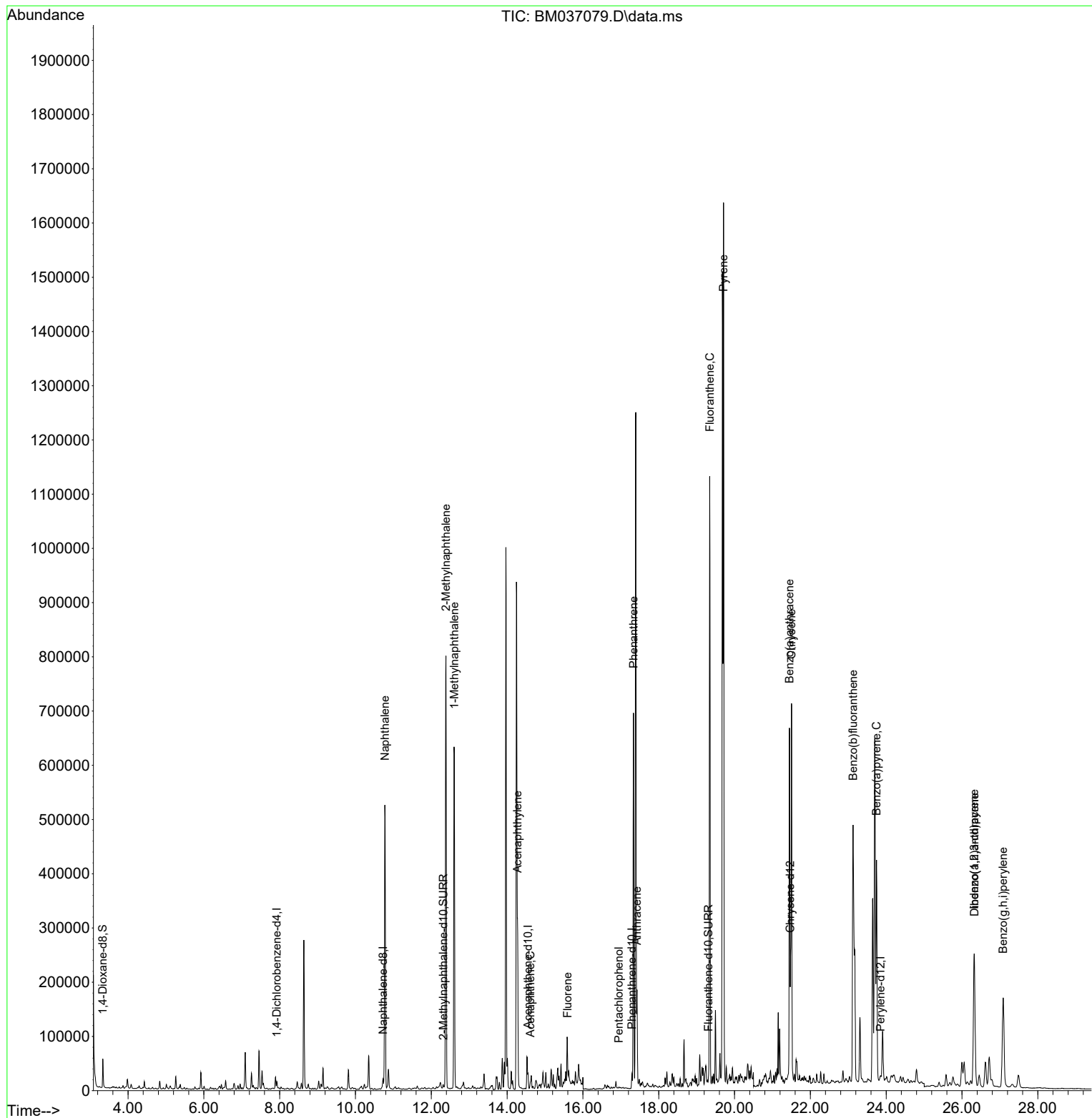
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.926	152	6677	0.400	ng/ul	0.00
4) Naphthalene-d8	10.726	136	23809	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.553	164	15226	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.293	188	26727	0.400	ng/ul	0.00
17) Chrysene-d12	21.467	240	16885	0.400	ng/ul	# 0.00
23) Perylene-d12	23.852	264	15015	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.335	96	33790	3.588	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.316	152	9235	0.257	ng/ul	0.00
18) Fluoranthene-d10	19.313	212	18261	0.362	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.776	128	686657	10.088	ng/ul	96
7) 2-Methylnaphthalene	12.387	142	551394	13.243	ng/ul	91
8) 1-Methylnaphthalene	12.607	142	433538	10.252	ng/ul	99
10) Acenaphthylene	14.275	152	326157	5.154	ng/ul	98
11) Acenaphthene	14.617	153	13027	0.237	ng/ul#	91
12) Fluorene	15.598	166	27610	0.444	ng/ul#	69
14) Pentachlorophenol	16.947	266	503	0.078	ng/ul	94
15) Phenanthrene	17.335	178	706902	8.285	ng/ul	99
16) Anthracene	17.428	178	182822	2.564	ng/ul	98
19) Fluoranthene	19.346	202	913750	13.606	ng/ul	99
20) Pyrene	19.708	202	1245825	17.788	ng/ul	99
21) Benzo(a)anthracene	21.449	228	545668	8.945	ng/ul	95
22) Chrysene	21.502	228	718984	10.977	ng/ul	99
24) Benzo(b)fluoranthene	23.127	252	843651	12.577	ng/ul	85
26) Benzo(a)pyrene	23.747	252	553633	10.173	ng/ul#	74
27) Indeno(1,2,3-cd)pyrene	26.322	276	401254	5.205	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.329	278	103336	1.659	ng/ul#	91
29) Benzo(g,h,i)perylene	27.087	276	357790	5.267	ng/ul	96

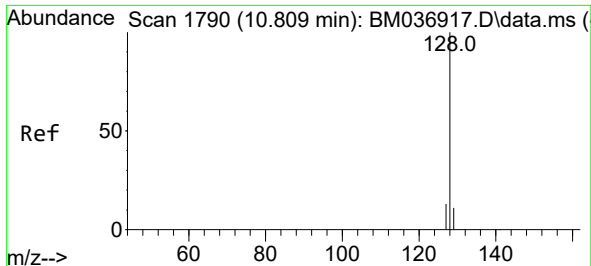
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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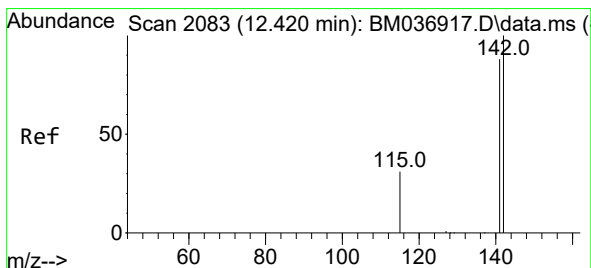
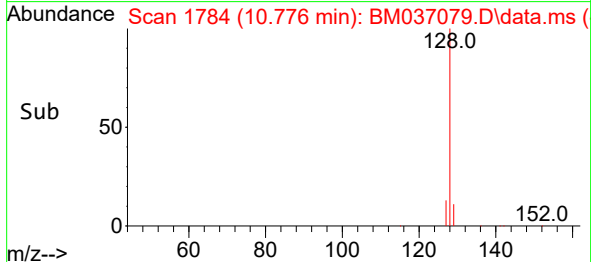
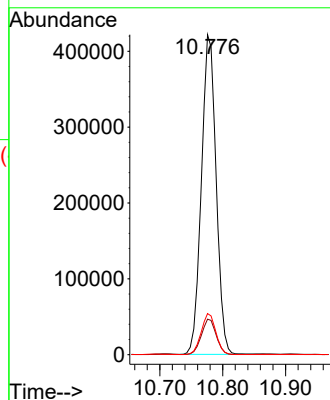
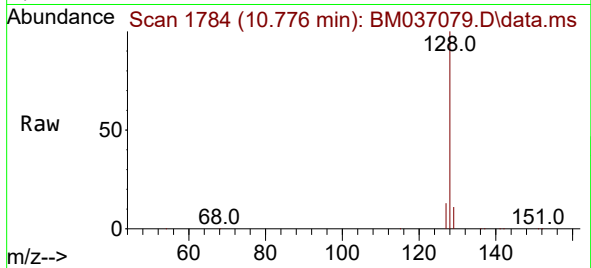




#5
Naphthalene
Concen: 10.088 ng/ul
RT: 10.776 min Scan# 1
Delta R.T. -0.005 min
Lab File: BM037079.D
Acq: 15 Oct 2022 06:52

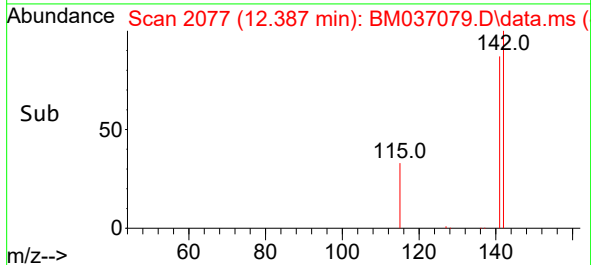
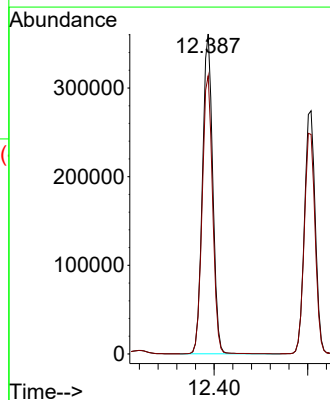
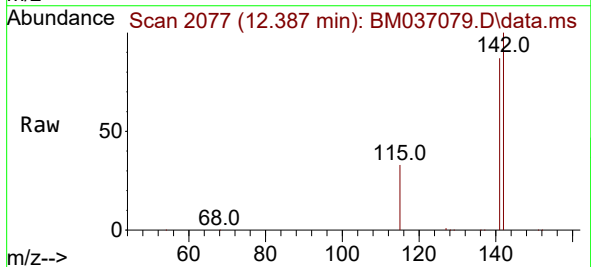
Instrument :
BNA_M
ClientSampleId :
C0BR9

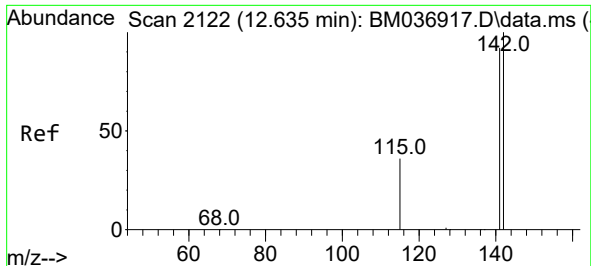
Tgt Ion:128 Resp: 686657
Ion Ratio Lower Upper
128 100
129 11.1 10.2 15.2
127 12.8 11.7 17.5



#7
2-Methylnaphthalene
Concen: 13.243 ng/ul
RT: 12.387 min Scan# 2077
Delta R.T. -0.005 min
Lab File: BM037079.D
Acq: 15 Oct 2022 06:52

Tgt Ion:142 Resp: 551394
Ion Ratio Lower Upper
142 100
141 87.9 77.4 116.0

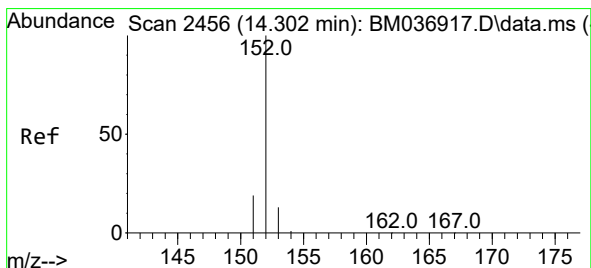
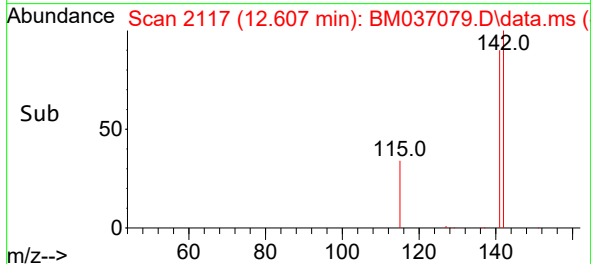
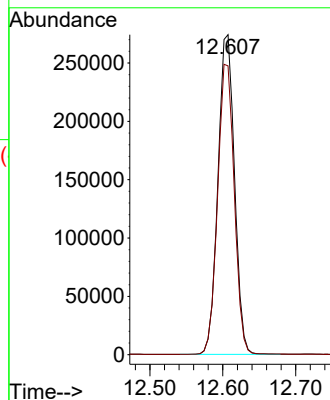
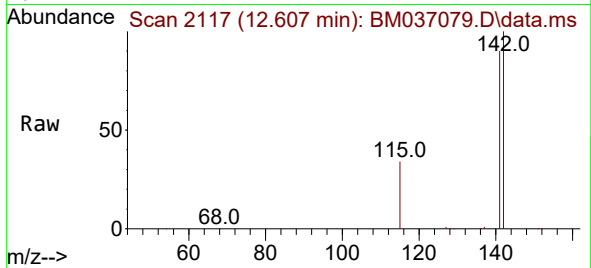




#8
1-Methylnaphthalene
Concen: 10.252 ng/ul
RT: 12.607 min Scan# 2122
Delta R.T. 0.000 min
Lab File: BM037079.D
Acq: 15 Oct 2022 06:52

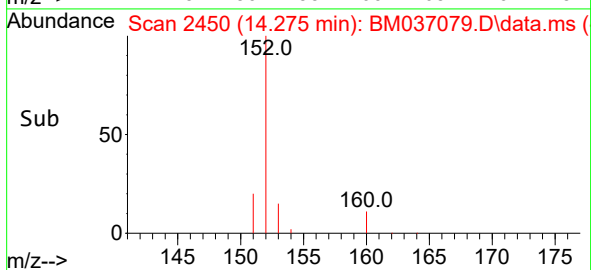
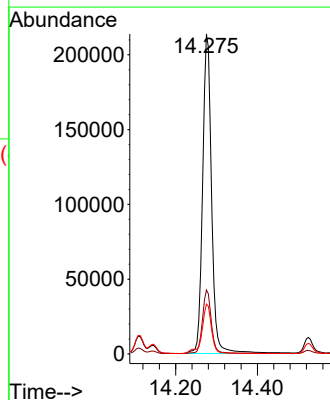
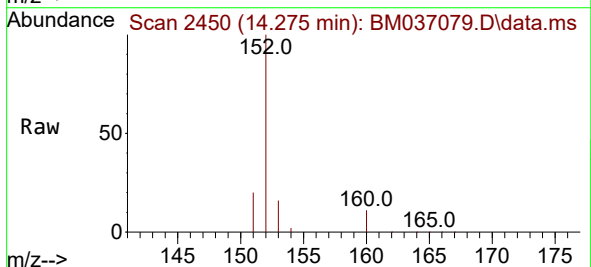
Instrument :
BNA_M
ClientSampleId :
C0BR9

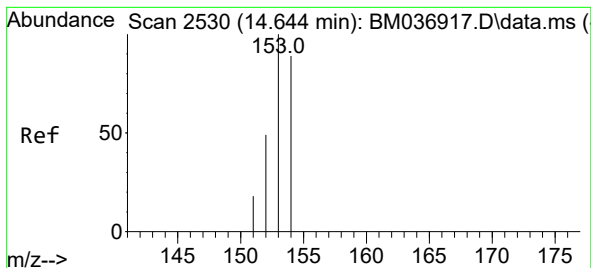
Tgt Ion:142 Resp: 433538
Ion Ratio Lower Upper
142 100
141 91.4 74.1 111.1



#10
Acenaphthylene
Concen: 5.154 ng/ul
RT: 14.275 min Scan# 2450
Delta R.T. -0.004 min
Lab File: BM037079.D
Acq: 15 Oct 2022 06:52

Tgt Ion:152 Resp: 326157
Ion Ratio Lower Upper
152 100
151 20.0 16.6 24.8
153 15.6 11.4 17.0





#11

Acenaphthene

Concen: 0.237 ng/ul

RT: 14.617 min Scan# 21

Delta R.T. 0.001 min

Lab File: BM037079.D

Acq: 15 Oct 2022 06:52

Instrument :

BNA_M

ClientSampleId :

C0BR9

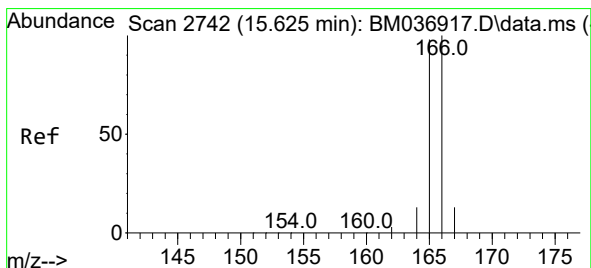
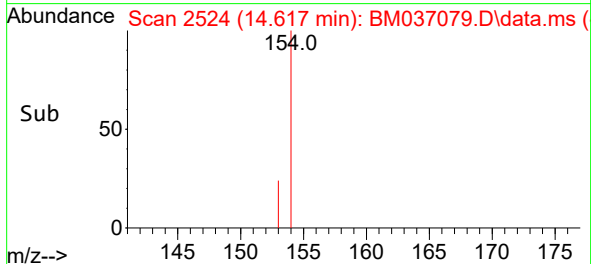
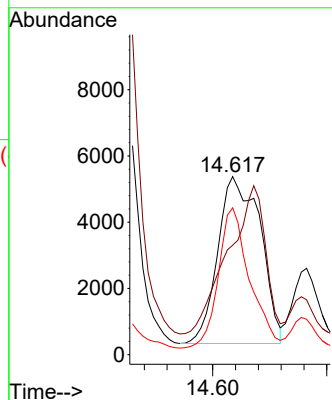
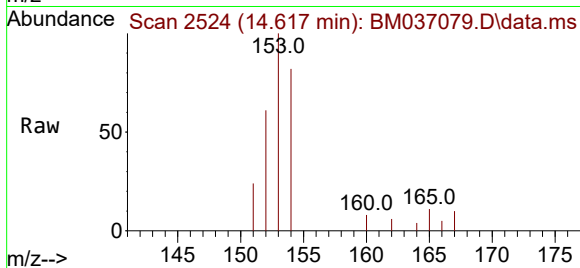
Tgt Ion:153 Resp: 13027

Ion Ratio Lower Upper

153 100

152 61.5 40.2 60.4#

154 82.5 69.7 104.5



#12

Fluorene

Concen: 0.444 ng/ul

RT: 15.598 min Scan# 2736

Delta R.T. -0.004 min

Lab File: BM037079.D

Acq: 15 Oct 2022 06:52

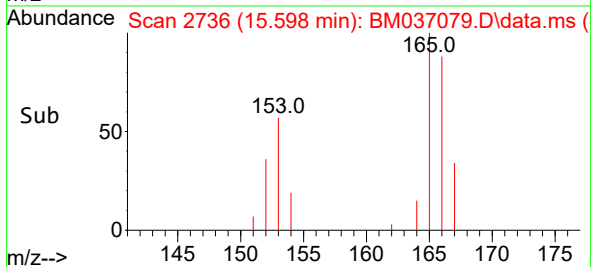
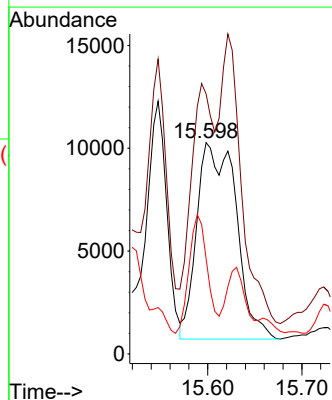
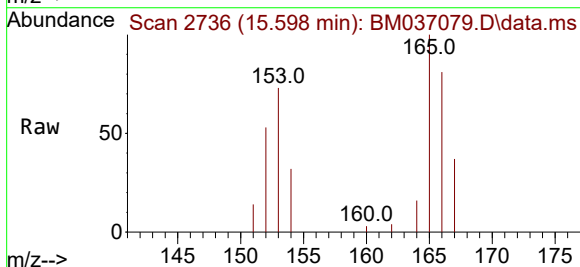
Tgt Ion:166 Resp: 27610

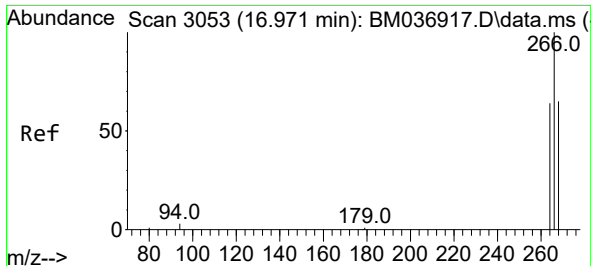
Ion Ratio Lower Upper

166 100

165 123.0 78.9 118.3#

167 45.0 11.3 16.9#

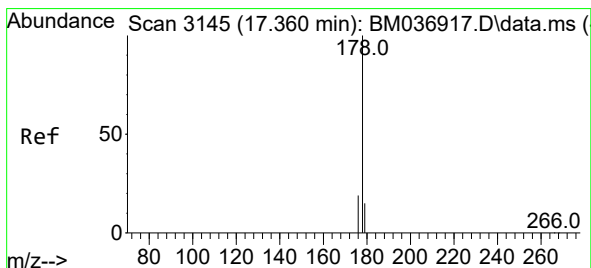
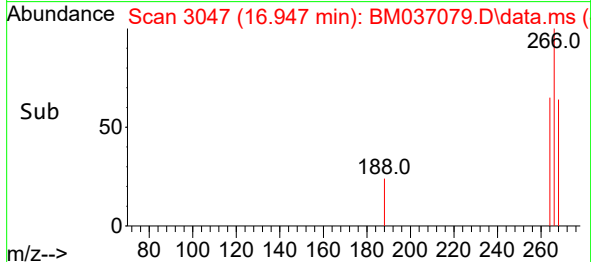
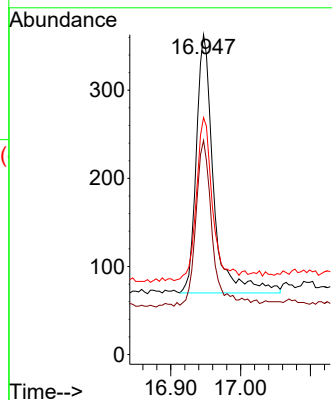
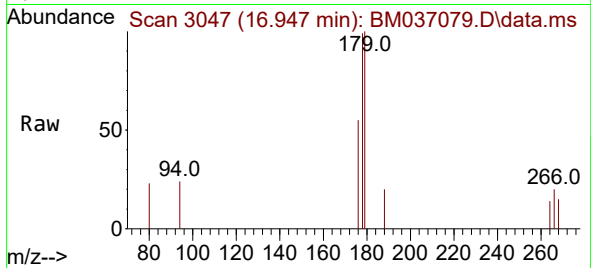




#14
 Pentachlorophenol
 Concen: 0.078 ng/ul
 RT: 16.947 min Scan# 3053
 Delta R.T. -0.003 min
 Lab File: BM037079.D
 Acq: 15 Oct 2022 06:52

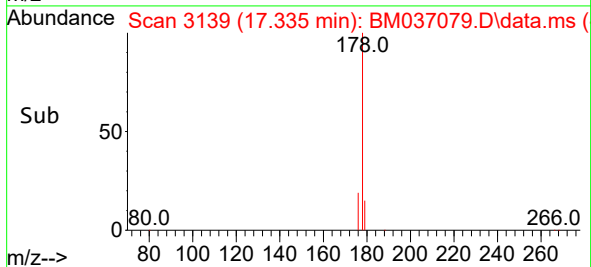
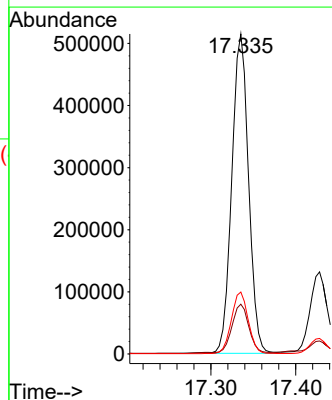
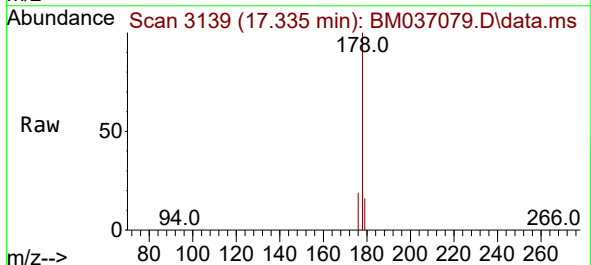
Instrument :
 BNA_M
 ClientSampleId :
 C0BR9

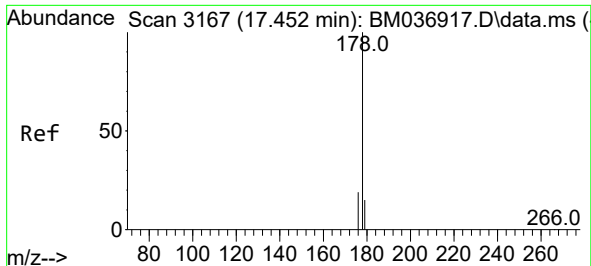
Tgt Ion:266 Resp: 503
 Ion Ratio Lower Upper
 266 100
 264 61.6 50.3 75.5
 268 58.6 53.5 80.3



#15
 Phenanthrene
 Concen: 8.285 ng/ul
 RT: 17.335 min Scan# 3139
 Delta R.T. -0.003 min
 Lab File: BM037079.D
 Acq: 15 Oct 2022 06:52

Tgt Ion:178 Resp: 706902
 Ion Ratio Lower Upper
 178 100
 179 15.6 13.0 19.6
 176 19.3 15.6 23.4

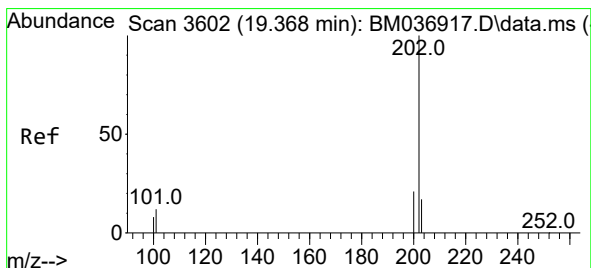
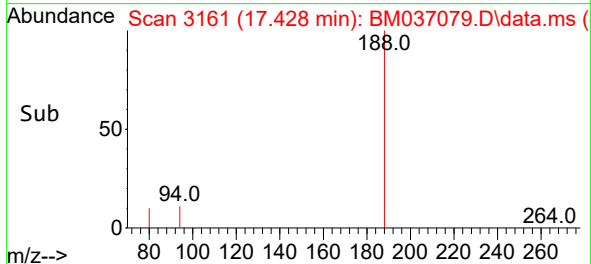
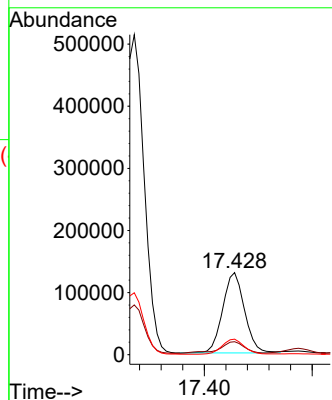
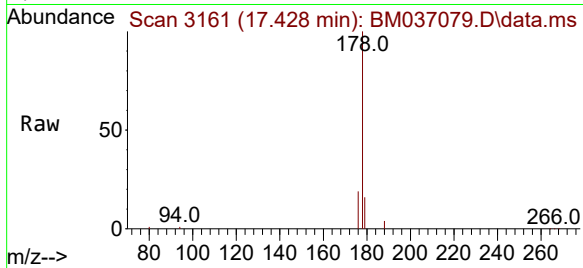




#16
 Anthracene
 Concen: 2.564 ng/ul
 RT: 17.428 min Scan# 3161
 Delta R.T. -0.003 min
 Lab File: BM037079.D
 Acq: 15 Oct 2022 06:52

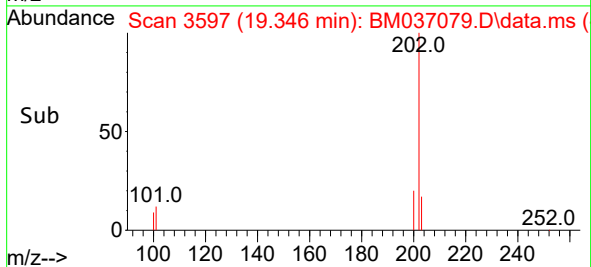
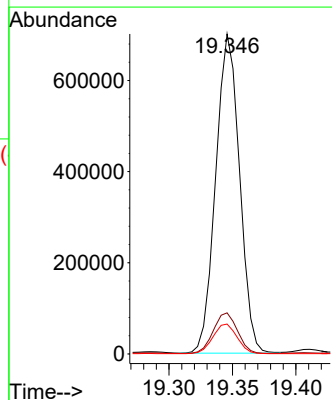
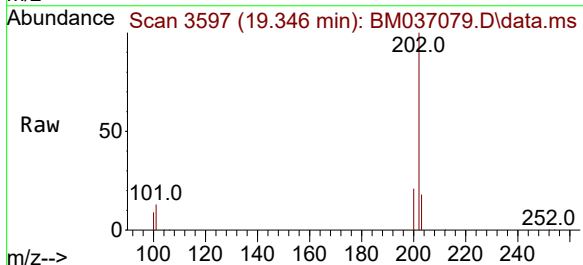
Instrument :
 BNA_M
 ClientSampleId :
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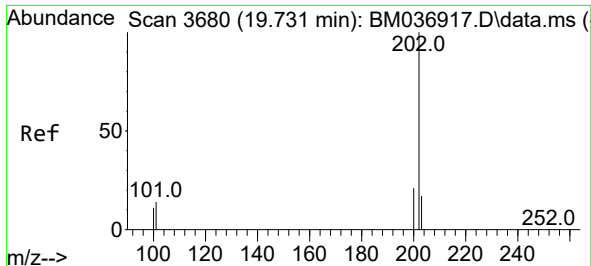
Tgt Ion:178 Resp: 182822
 Ion Ratio Lower Upper
 178 100
 179 15.8 13.6 20.4
 176 18.8 15.6 23.4



#19
 Fluoranthene
 Concen: 13.606 ng/ul
 RT: 19.346 min Scan# 3597
 Delta R.T. -0.004 min
 Lab File: BM037079.D
 Acq: 15 Oct 2022 06:52

Tgt Ion:202 Resp: 913750
 Ion Ratio Lower Upper
 202 100
 101 12.9 10.1 15.1
 100 9.3 7.9 11.9

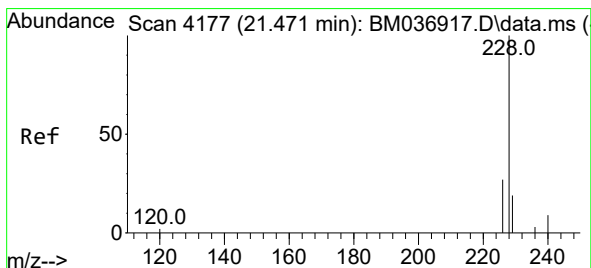
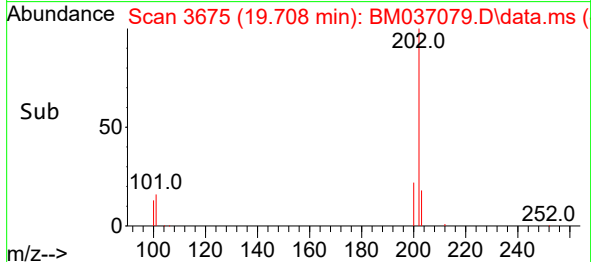
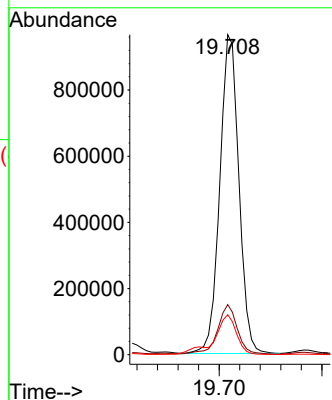
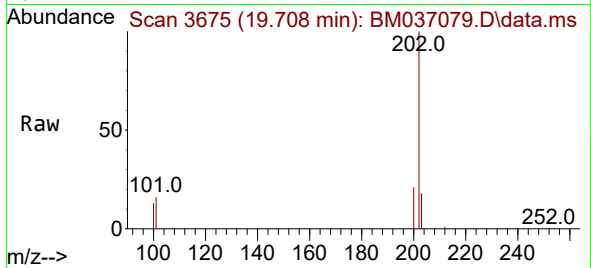




#20
Pyrene
Concen: 17.788 ng/ul
RT: 19.708 min Scan# 3
Delta R.T. 0.001 min
Lab File: BM037079.D
Acq: 15 Oct 2022 06:52

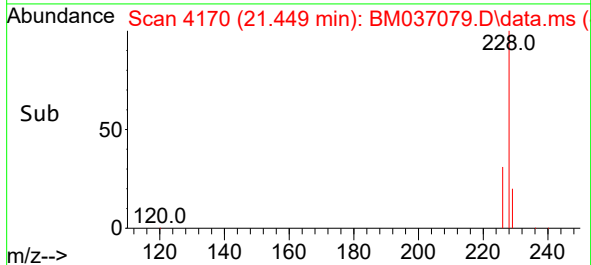
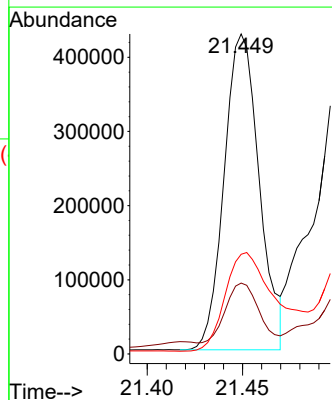
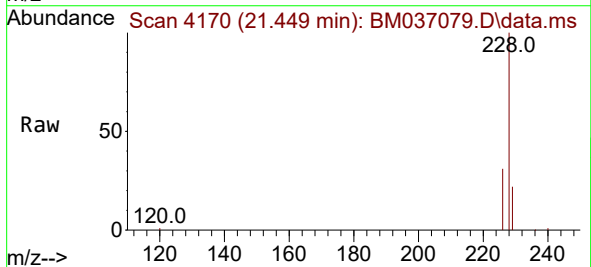
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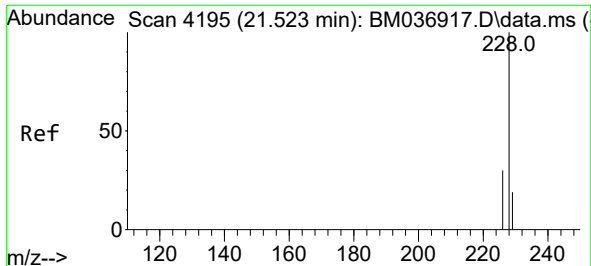
Tgt Ion:202 Resp: 1245825
Ion Ratio Lower Upper
202 100
101 15.6 12.0 18.0
100 12.5 9.8 14.6



#21
Benzo(a)anthracene
Concen: 8.945 ng/ul
RT: 21.449 min Scan# 4170
Delta R.T. -0.001 min
Lab File: BM037079.D
Acq: 15 Oct 2022 06:52

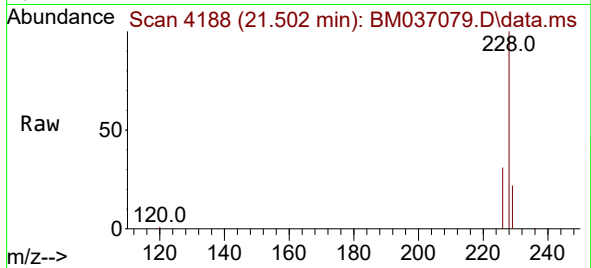
Tgt Ion:228 Resp: 545668
Ion Ratio Lower Upper
228 100
229 22.1 16.2 24.2
226 31.1 22.5 33.7



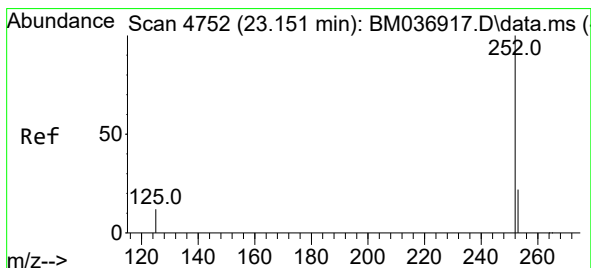
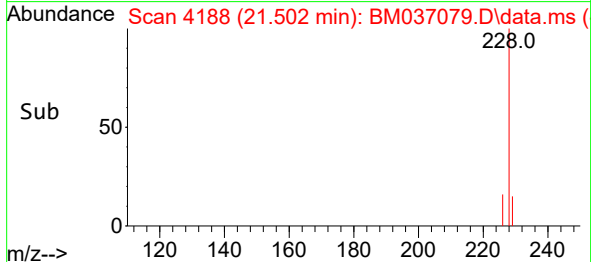
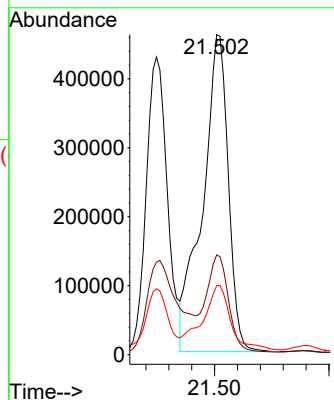


#22
Chrysene
Concen: 10.977 ng/ul
RT: 21.502 min Scan# 41
Delta R.T. -0.001 min
Lab File: BM037079.D
Acq: 15 Oct 2022 06:52

Instrument :
BNA_M
ClientSampleId :
C0BR9

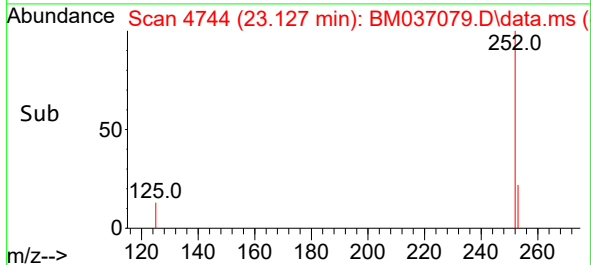
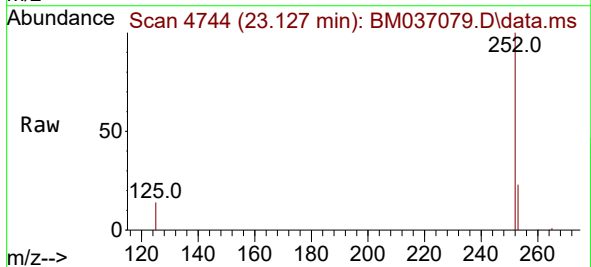
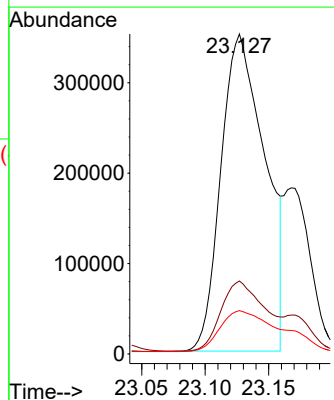


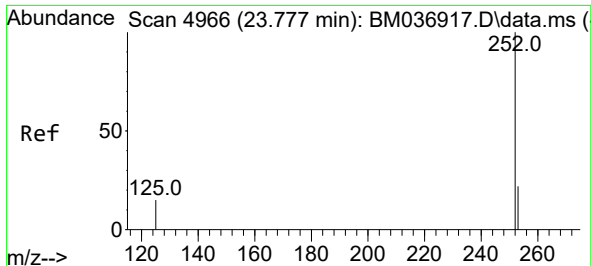
Tgt Ion:228 Resp: 718984
Ion Ratio Lower Upper
228 100
226 31.2 24.6 37.0
229 21.5 16.4 24.6



#24
Benzo(b)fluoranthene
Concen: 12.577 ng/ul
RT: 23.127 min Scan# 4744
Delta R.T. 0.005 min
Lab File: BM037079.D
Acq: 15 Oct 2022 06:52

Tgt Ion:252 Resp: 843651
Ion Ratio Lower Upper
252 100
253 22.8 0.0 61.4
125 13.6 0.0 42.6

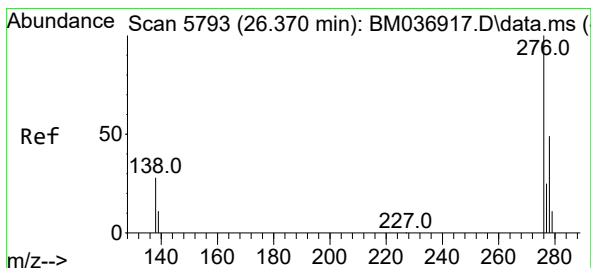
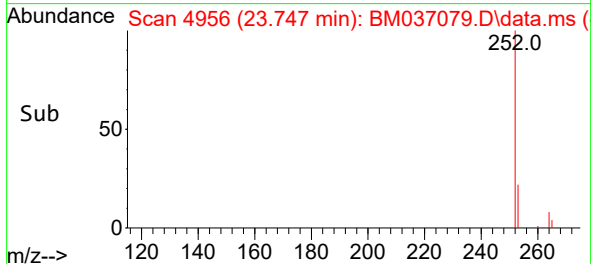
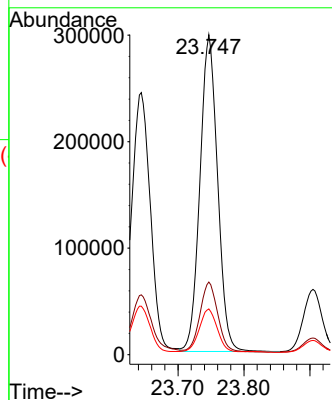
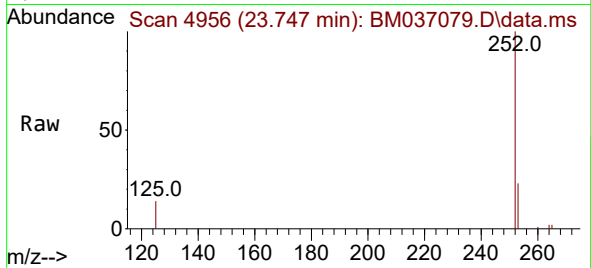




#26
Benzo(a)pyrene
Concen: 10.173 ng/ul
RT: 23.747 min Scan# 4966
Delta R.T. 0.002 min
Lab File: BM037079.D
Acq: 15 Oct 2022 06:52

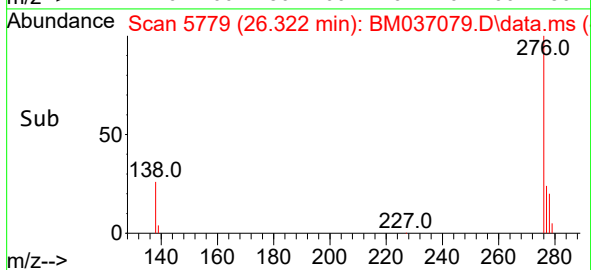
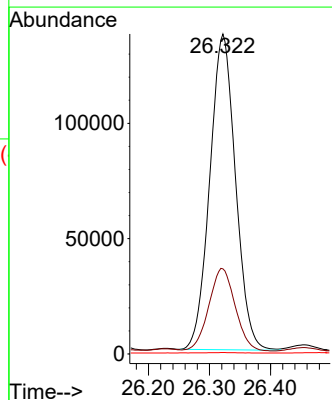
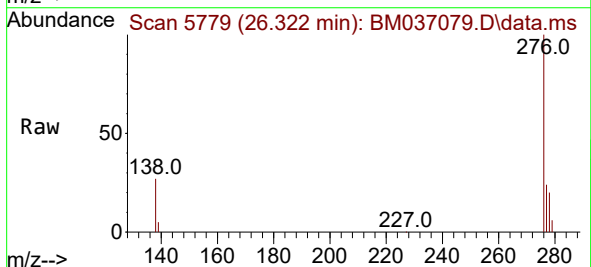
Instrument :
BNA_M
ClientSampleId :
C0BR9

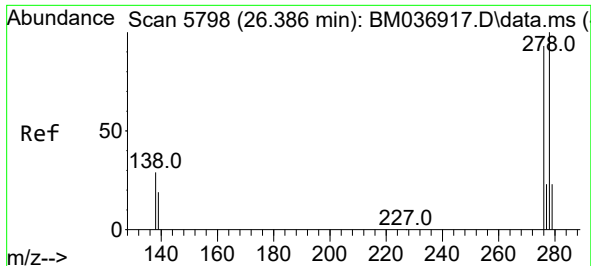
Tgt Ion:252 Resp: 553633
Ion Ratio Lower Upper
252 100
253 22.7 29.7 44.5#
125 14.3 23.6 35.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 5.205 ng/ul
RT: 26.322 min Scan# 5779
Delta R.T. -0.004 min
Lab File: BM037079.D
Acq: 15 Oct 2022 06:52

Tgt Ion:276 Resp: 401254
Ion Ratio Lower Upper
276 100
138 26.8 23.9 35.9
227 0.1 0.1 0.1#

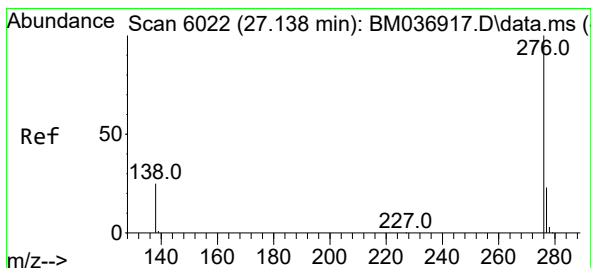
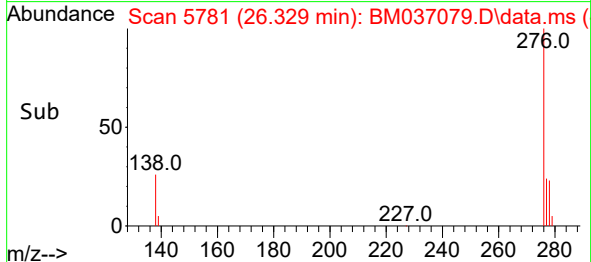
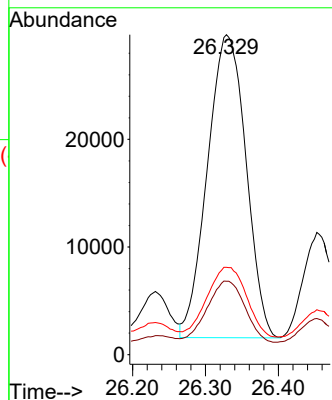
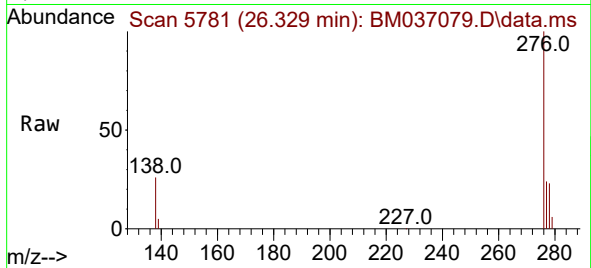




#28
 Dibenzo(a,h)anthracene
 Concen: 1.659 ng/ul
 RT: 26.329 min Scan# 51
 Delta R.T. -0.014 min
 Lab File: BM037079.D
 Acq: 15 Oct 2022 06:52

Instrument :
 BNA_M
 ClientSampleId :
 C0BR9

Tgt Ion:278 Resp: 103336
 Ion Ratio Lower Upper
 278 100
 139 23.0 19.8 29.6
 279 27.3 27.7 41.5#



#29
 Benzo(g,h,i)perylene
 Concen: 5.267 ng/ul
 RT: 27.087 min Scan# 6007
 Delta R.T. -0.001 min
 Lab File: BM037079.D
 Acq: 15 Oct 2022 06:52

Tgt Ion:276 Resp: 357790
 Ion Ratio Lower Upper
 276 100
 138 27.4 23.4 35.0
 277 23.8 21.0 31.4

