

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101722\
 Data File : BM037116.D
 Acq On : 17 Oct 2022 17:03
 Operator : CG/JU
 Sample : N4984-15
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGNC1

Quant Time: Oct 17 23:55:20 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 : Mon Oct 17 02:26:13 2022
 Response via : Initial Calibration

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

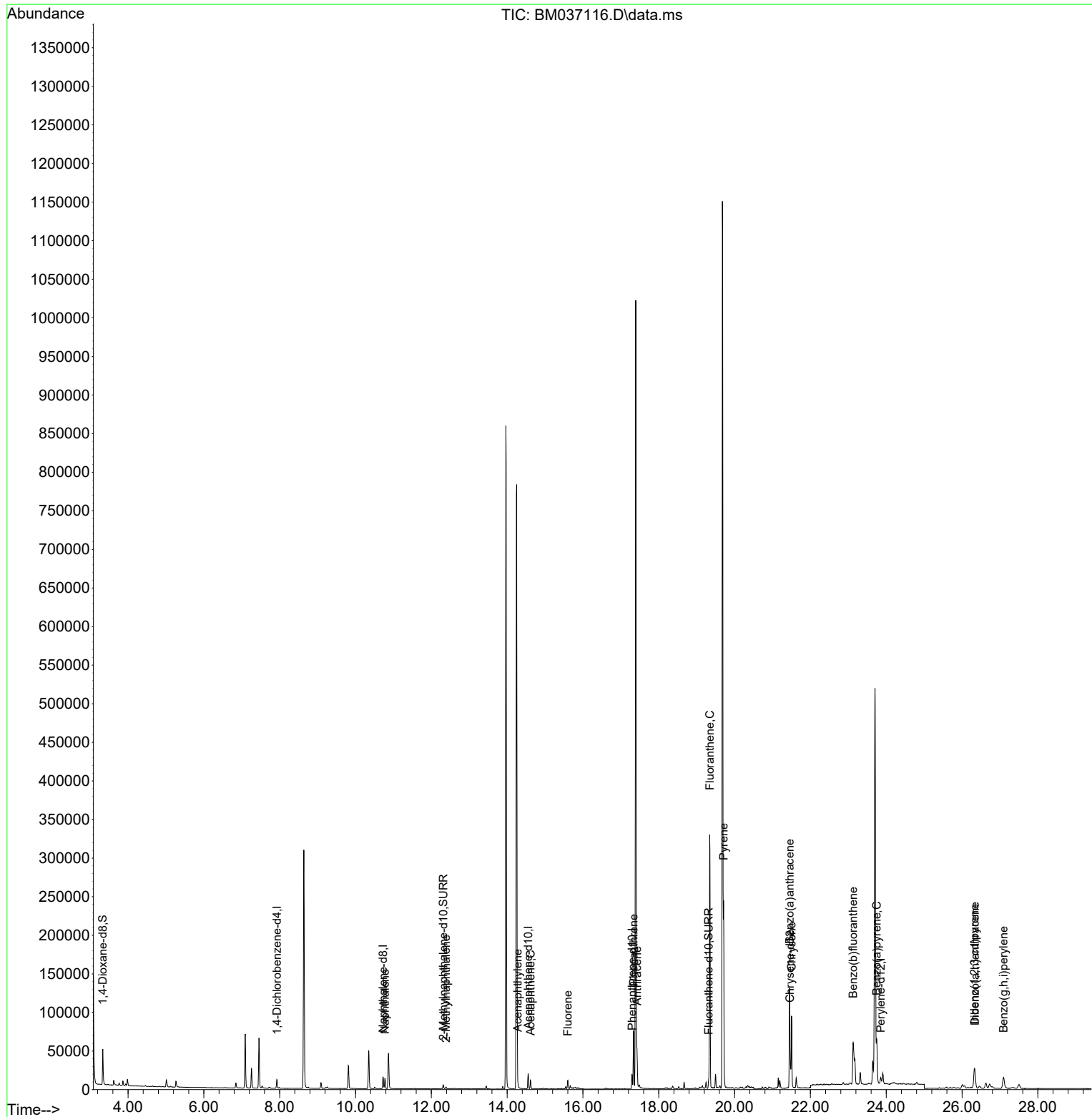
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.926	152	5543	0.400	ng/ul	0.00
4) Naphthalene-d8	10.726	136	20514	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.556	164	10872	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.296	188	21085	0.400	ng/ul	0.00
17) Chrysene-d12	21.465	240	13020	0.400	ng/ul	0.00
23) Perylene-d12	23.856	264	11296	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.335	96	28681	3.669	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.316	152	6720	0.217	ng/ul	0.00
18) Fluoranthene-d10	19.317	212	12024	0.309	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.776	128	17696	0.302	ng/ul	98
7) 2-Methylnaphthalene	12.387	142	1700	0.047	ng/ul	91
10) Acenaphthylene	14.279	152	8060	0.178	ng/ul	99
11) Acenaphthene	14.617	153	6350	0.162	ng/ul	100
12) Fluorene	15.602	166	6737	0.152	ng/ul	99
15) Phenanthrene	17.334	178	78578	1.167	ng/ul	99
16) Anthracene	17.427	178	42022	0.747	ng/ul	98
19) Fluoranthene	19.345	202	262015	5.060	ng/ul	99
20) Pyrene	19.712	202	193837	3.589	ng/ul	97
21) Benzo(a)anthracene	21.450	228	105544	2.244	ng/ul	99
22) Chrysene	21.503	228	87866	1.740	ng/ul	100
24) Benzo(b)fluoranthene	23.128	252	101633	2.014	ng/ul	88
26) Benzo(a)pyrene	23.750	252	77122	1.884	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	26.326	276	43710	0.754	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.339	278	11228	0.240	ng/ul	98
29) Benzo(g,h,i)perylene	27.094	276	31453	0.615	ng/ul	99

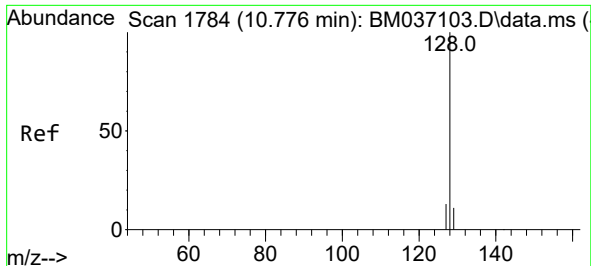
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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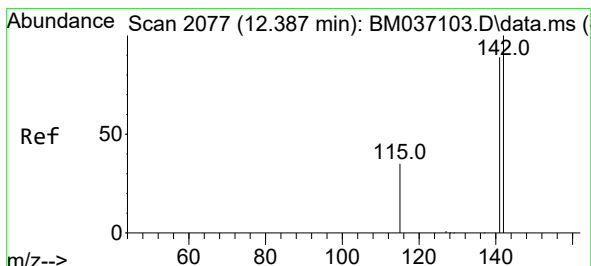
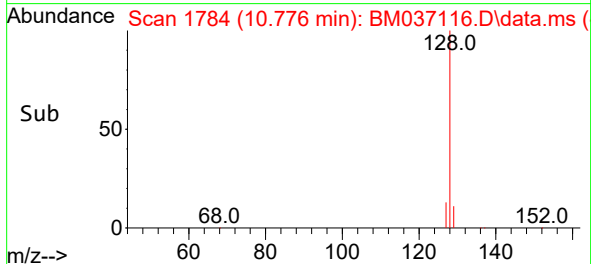
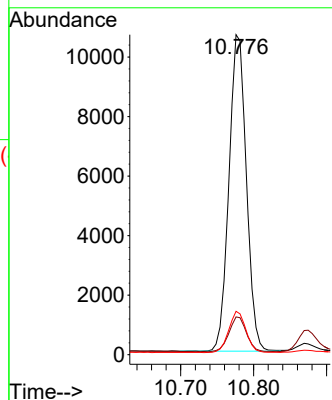
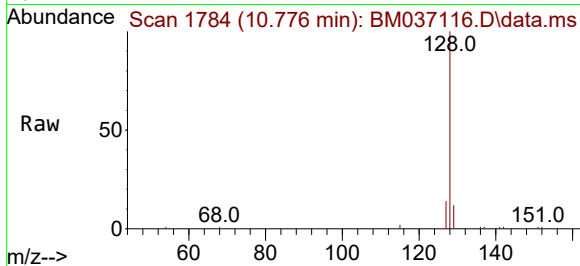




#5
Naphthalene
Concen: 0.302 ng/ul
RT: 10.776 min Scan# 1784
Delta R.T. -0.006 min
Lab File: BM037116.D
Acq: 17 Oct 2022 17:03

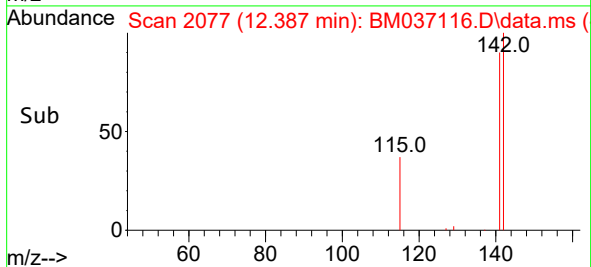
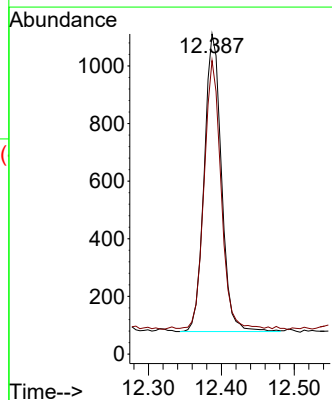
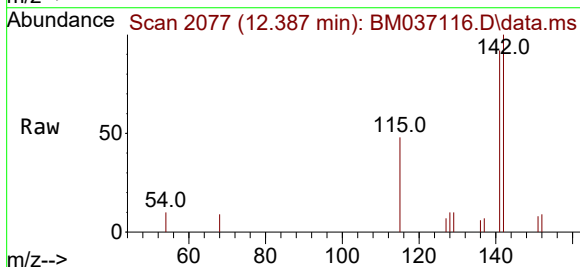
Instrument :
BNA_M
ClientSampleId :
BGNC1

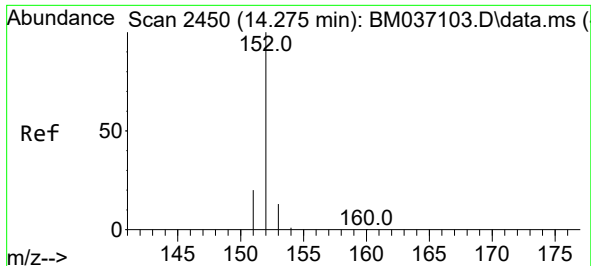
Tgt Ion:128 Resp: 17696
Ion Ratio Lower Upper
128 100
129 11.8 10.2 15.2
127 13.5 11.7 17.5



#7
2-Methylnaphthalene
Concen: 0.047 ng/ul
RT: 12.387 min Scan# 2077
Delta R.T. -0.006 min
Lab File: BM037116.D
Acq: 17 Oct 2022 17:03

Tgt Ion:142 Resp: 1700
Ion Ratio Lower Upper
142 100
141 88.2 77.4 116.0

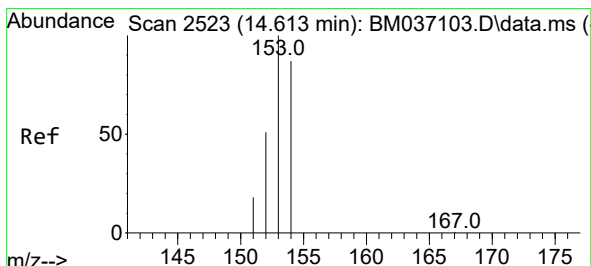
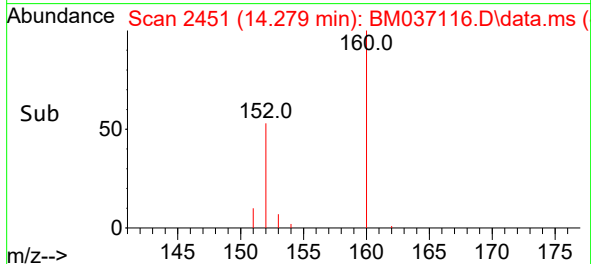
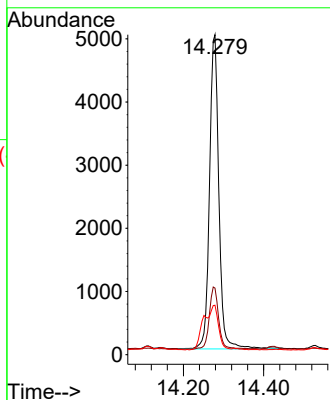
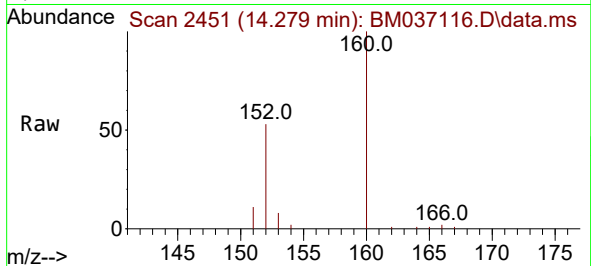




#10
Acenaphthylene
Concen: 0.178 ng/ul
RT: 14.279 min Scan# 2450
Delta R.T. -0.000 min
Lab File: BM037116.D
Acq: 17 Oct 2022 17:03

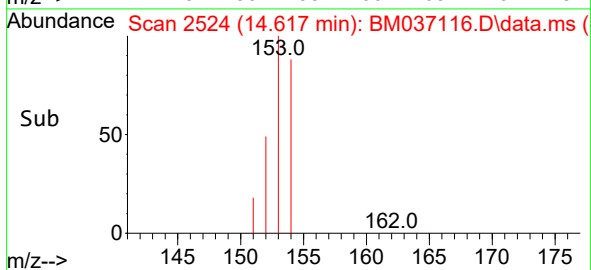
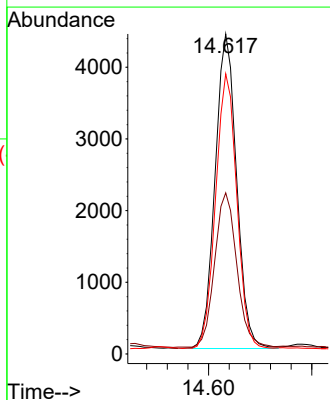
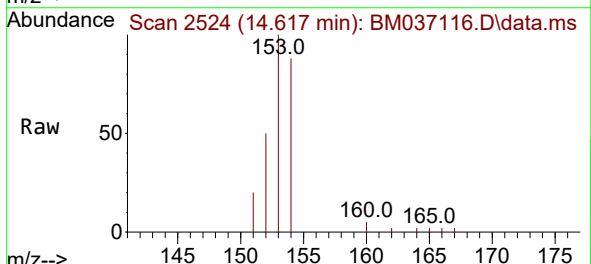
Instrument :
BNA_M
ClientSampleId :
BGNC1

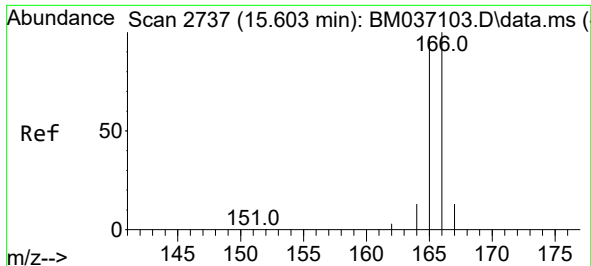
Tgt Ion:152 Resp: 8060
Ion Ratio Lower Upper
152 100
151 20.8 16.6 24.8
153 15.5 11.4 17.0



#11
Acenaphthene
Concen: 0.162 ng/ul
RT: 14.617 min Scan# 2524
Delta R.T. -0.000 min
Lab File: BM037116.D
Acq: 17 Oct 2022 17:03

Tgt Ion:153 Resp: 6350
Ion Ratio Lower Upper
153 100
152 50.3 40.2 60.4
154 87.6 69.7 104.5

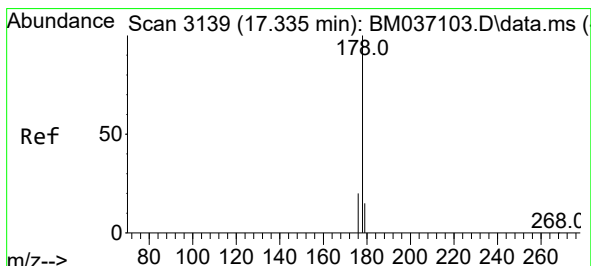
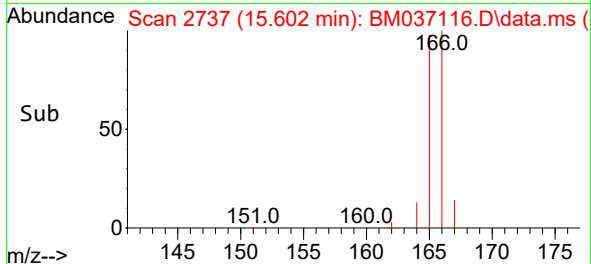
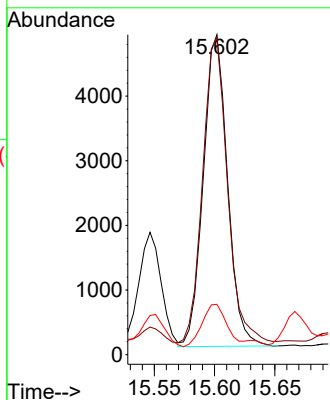
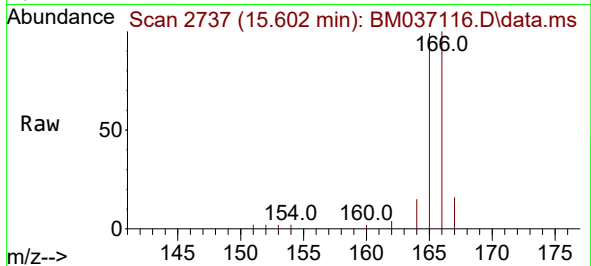




#12
Fluorene
Concen: 0.152 ng/ul
RT: 15.602 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM037116.D
Acq: 17 Oct 2022 17:03

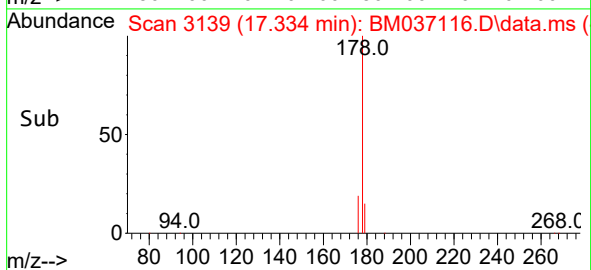
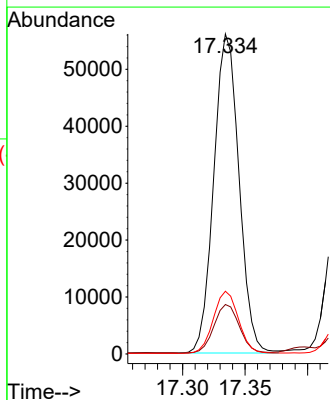
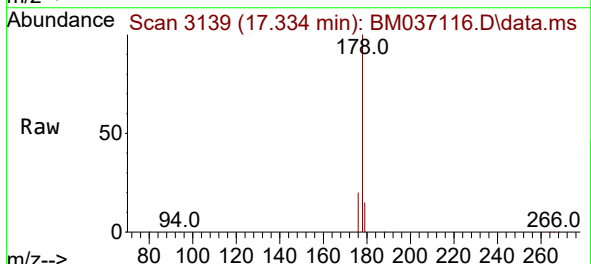
Instrument :
BNA_M
ClientSampleId :
BGNC1

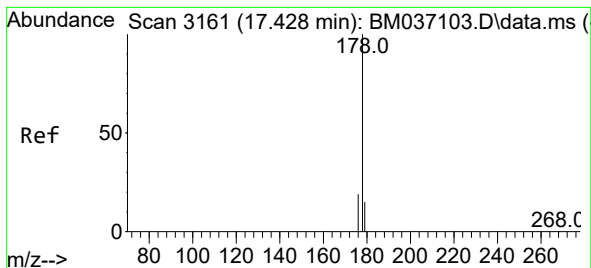
Tgt Ion:166 Resp: 6737
Ion Ratio Lower Upper
166 100
165 99.2 78.9 118.3
167 15.8 11.3 16.9



#15
Phenanthrene
Concen: 1.167 ng/ul
RT: 17.334 min Scan# 3139
Delta R.T. -0.004 min
Lab File: BM037116.D
Acq: 17 Oct 2022 17:03

Tgt Ion:178 Resp: 78578
Ion Ratio Lower Upper
178 100
179 15.4 13.0 19.6
176 19.6 15.6 23.4

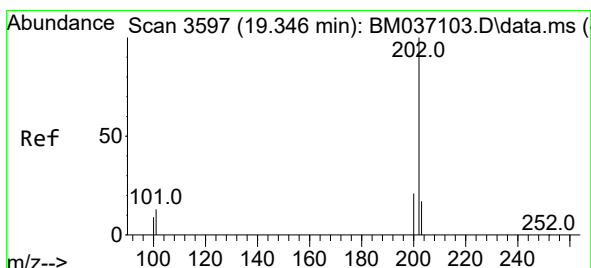
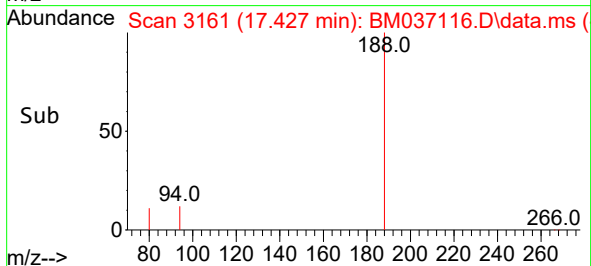
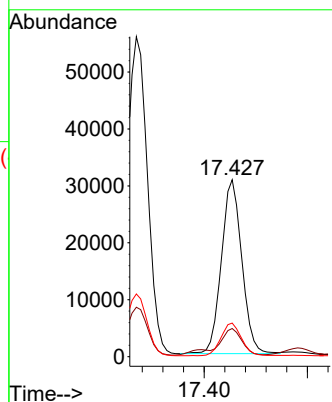
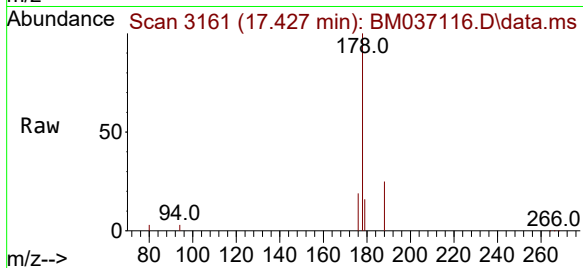




#16
 Anthracene
 Concen: 0.747 ng/ul
 RT: 17.427 min Scan# 3161
 Delta R.T. -0.004 min
 Lab File: BM037116.D
 Acq: 17 Oct 2022 17:03

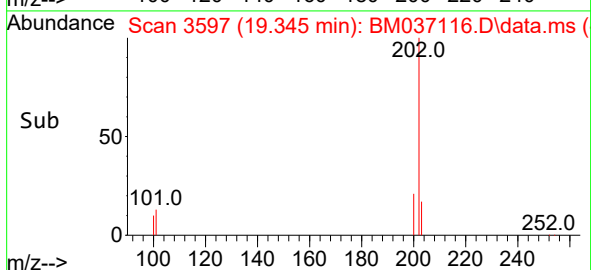
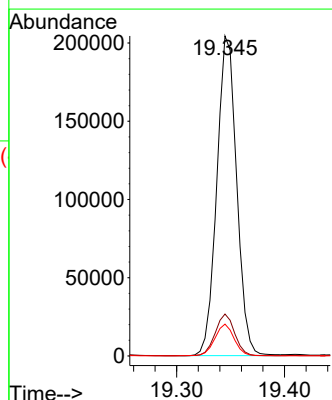
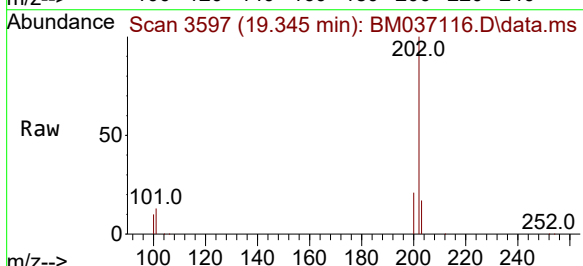
Instrument :
 BNA_M
 ClientSampleId :
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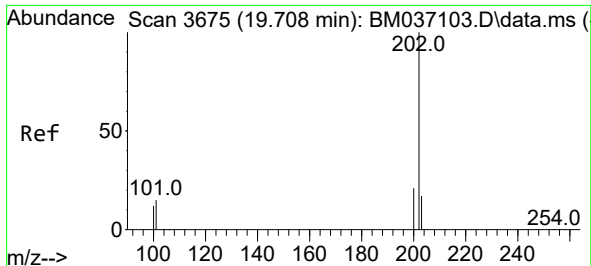
Tgt Ion:178 Resp: 42022
 Ion Ratio Lower Upper
 178 100
 179 15.9 13.6 20.4
 176 19.0 15.6 23.4



#19
 Fluoranthene
 Concen: 5.060 ng/ul
 RT: 19.345 min Scan# 3597
 Delta R.T. -0.005 min
 Lab File: BM037116.D
 Acq: 17 Oct 2022 17:03

Tgt Ion:202 Resp: 262015
 Ion Ratio Lower Upper
 202 100
 101 13.1 10.1 15.1
 100 9.9 7.9 11.9

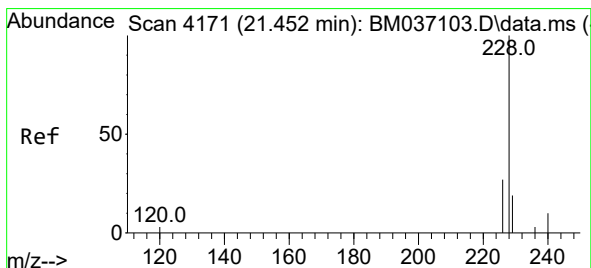
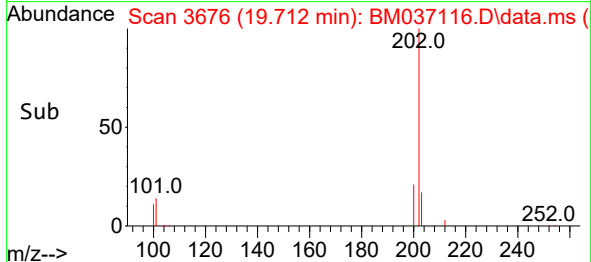
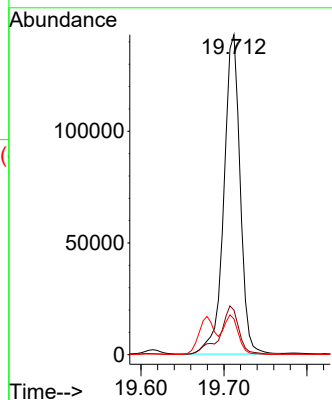
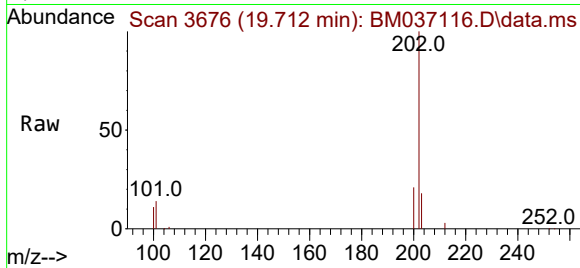




#20
Pyrene
Concen: 3.589 ng/ul
RT: 19.712 min Scan# 30
Delta R.T. 0.005 min
Lab File: BM037116.D
Acq: 17 Oct 2022 17:03

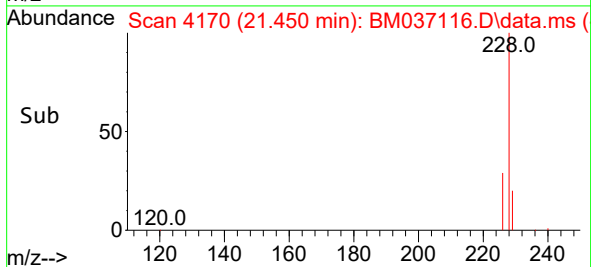
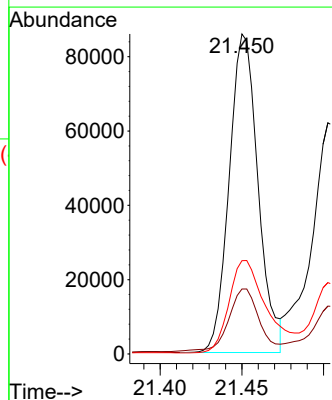
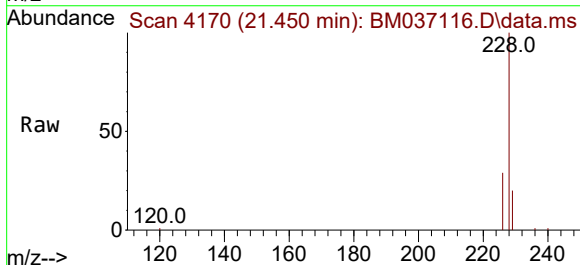
Instrument :
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ClientSampleId :
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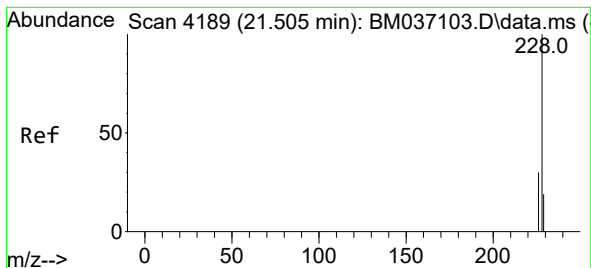
Tgt Ion:202 Resp: 193837
Ion Ratio Lower Upper
202 100
101 13.9 12.0 18.0
100 11.1 9.8 14.6



#21
Benzo(a)anthracene
Concen: 2.244 ng/ul
RT: 21.450 min Scan# 4170
Delta R.T. -0.000 min
Lab File: BM037116.D
Acq: 17 Oct 2022 17:03

Tgt Ion:228 Resp: 105544
Ion Ratio Lower Upper
228 100
229 20.3 16.2 24.2
226 29.2 22.5 33.7





#22

Chrysene

Concen: 1.740 ng/ul

RT: 21.503 min Scan# 4188

Delta R.T. -0.000 min

Lab File: BM037116.D

Acq: 17 Oct 2022 17:03

Instrument :

BNA_M

ClientSampleId :

BGNC1

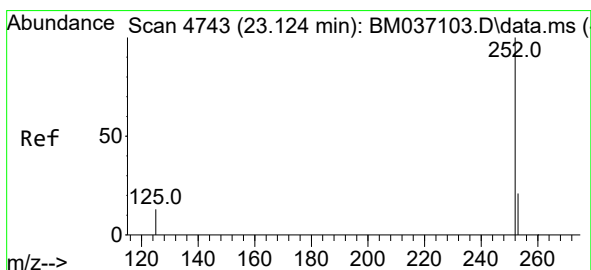
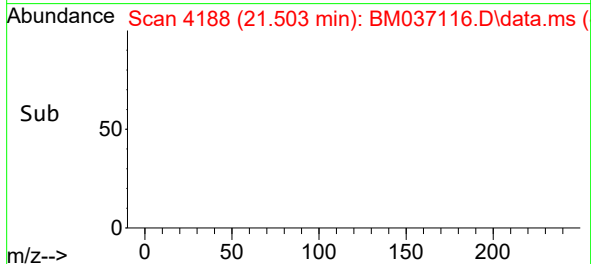
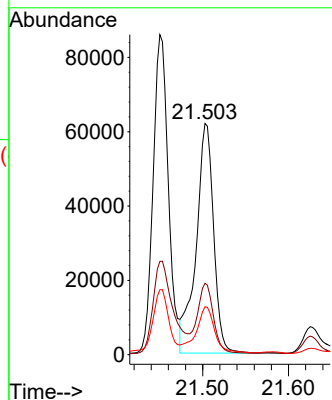
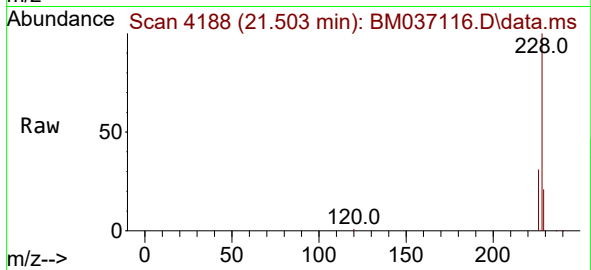
Tgt Ion:228 Resp: 87866

Ion Ratio Lower Upper

228 100

226 30.8 24.6 37.0

229 20.7 16.4 24.6



#24

Benzo(b)fluoranthene

Concen: 2.014 ng/ul

RT: 23.128 min Scan# 4744

Delta R.T. 0.006 min

Lab File: BM037116.D

Acq: 17 Oct 2022 17:03

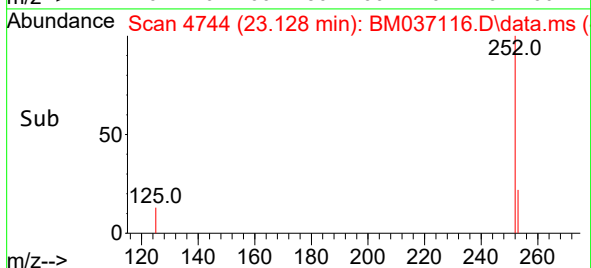
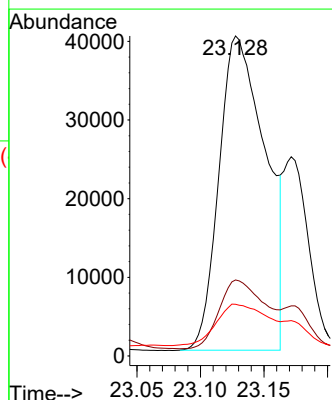
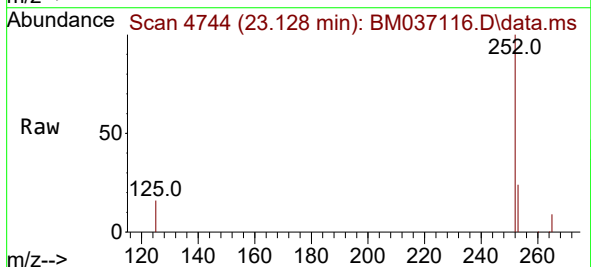
Tgt Ion:252 Resp: 101633

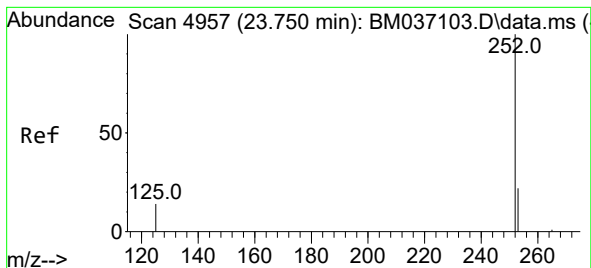
Ion Ratio Lower Upper

252 100

253 23.8 0.0 61.4

125 16.2 0.0 42.6





#26

Benzo(a)pyrene

Concen: 1.884 ng/ul

RT: 23.750 min Scan# 4957

Delta R.T. 0.006 min

Lab File: BM037116.D

Acq: 17 Oct 2022 17:03

Instrument :

BNA_M

ClientSampleId :

BGNC1

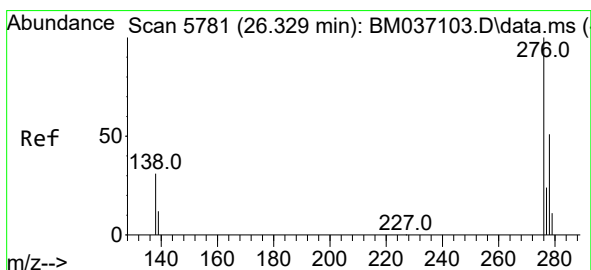
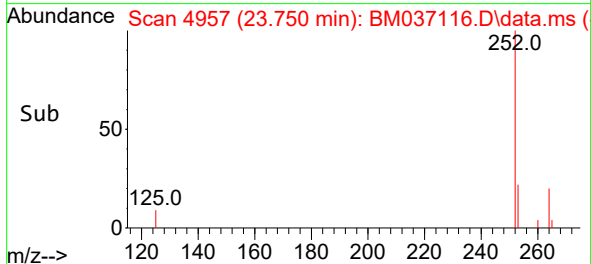
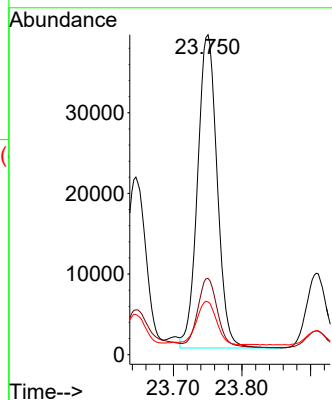
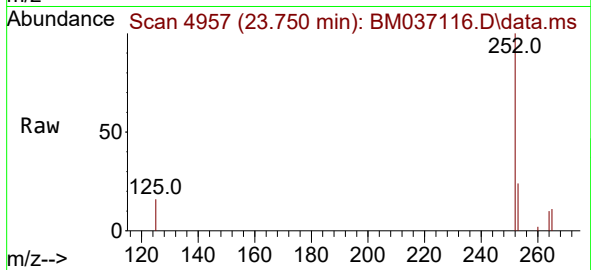
Tgt Ion:252 Resp: 77122

Ion Ratio Lower Upper

252 100

253 23.8 29.7 44.5#

125 16.5 23.6 35.4#



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.754 ng/ul

RT: 26.326 min Scan# 5780

Delta R.T. -0.000 min

Lab File: BM037116.D

Acq: 17 Oct 2022 17:03

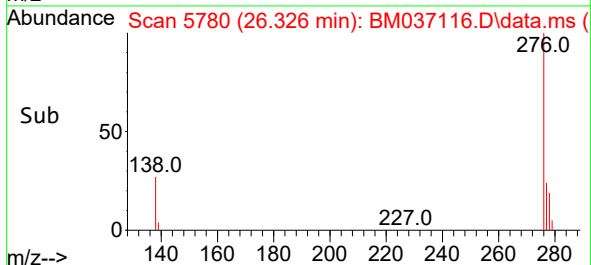
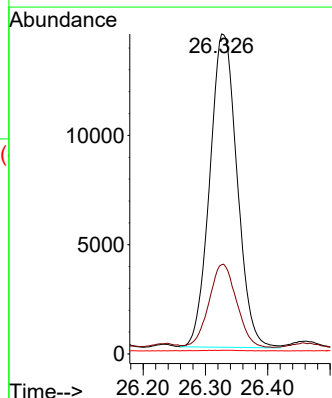
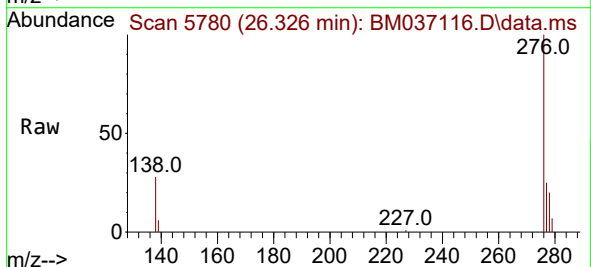
Tgt Ion:276 Resp: 43710

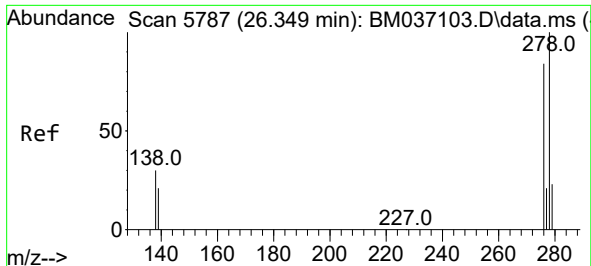
Ion Ratio Lower Upper

276 100

138 26.8 23.9 35.9

227 0.0 0.1 0.1#

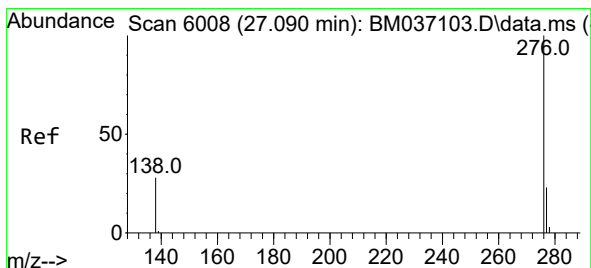
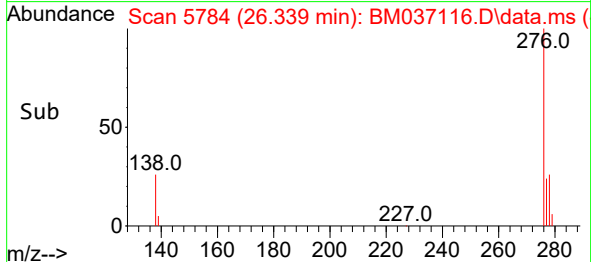
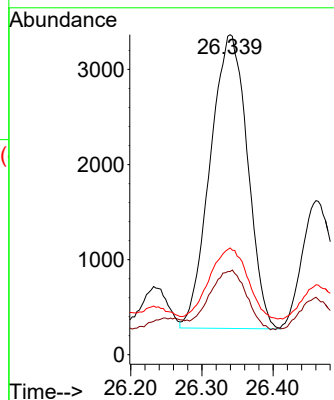
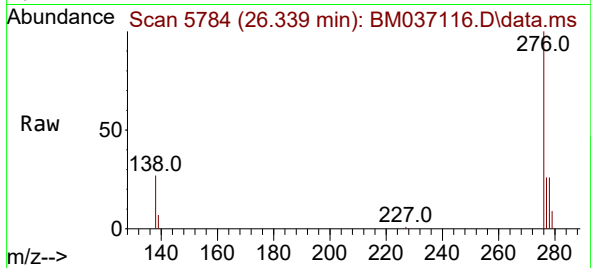




#28
Dibenzo(a,h)anthracene
Concen: 0.240 ng/ul
RT: 26.339 min Scan# 51
Delta R.T. -0.003 min
Lab File: BM037116.D
Acq: 17 Oct 2022 17:03

Instrument :
BNA_M
ClientSampleId :
BGNC1

Tgt Ion:278 Resp: 11228
Ion Ratio Lower Upper
278 100
139 26.0 19.8 29.6
279 33.3 27.7 41.5



#29
Benzo(g,h,i)perylene
Concen: 0.615 ng/ul
RT: 27.094 min Scan# 6009
Delta R.T. 0.007 min
Lab File: BM037116.D
Acq: 17 Oct 2022 17:03

Tgt Ion:276 Resp: 31453
Ion Ratio Lower Upper
276 100
138 29.0 23.4 35.0
277 25.3 21.0 31.4

