

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101722\
 Data File : BM037117.D
 Acq On : 17 Oct 2022 17:38
 Operator : CG/JU
 Sample : N4984-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGNC2

Quant Time: Oct 17 23:55:30 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)

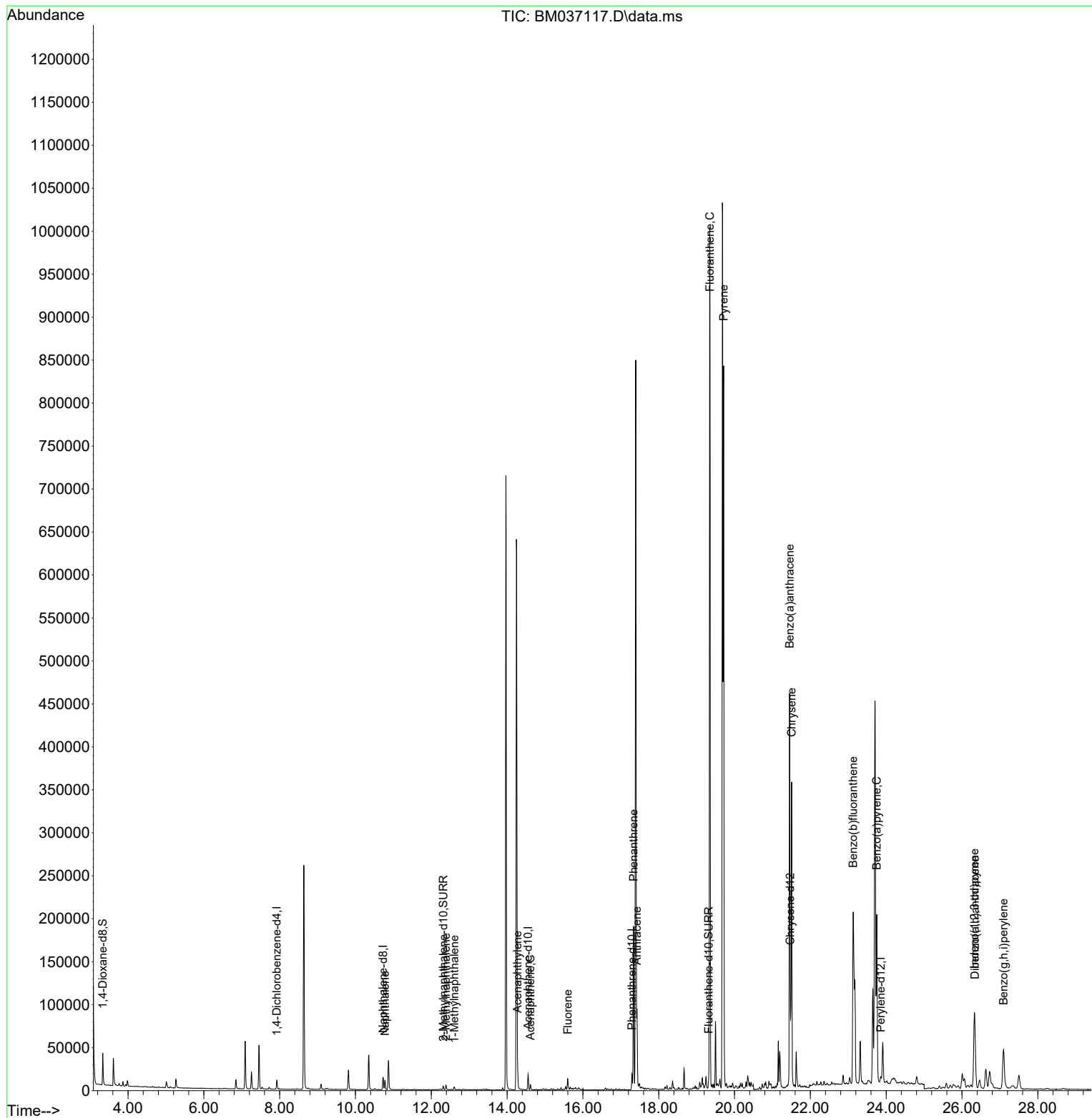
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.926	152	5106	0.400	ng/ul	0.00
4) Naphthalene-d8	10.726	136	18959	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.553	164	9980	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.293	188	19606	0.400	ng/ul	0.00
17) Chrysene-d12	21.470	240	12714	0.400	ng/ul	0.00
23) Perylene-d12	23.858	264	9831	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.335	96	23065	3.203	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.316	152	5435	0.190	ng/ul	0.00
18) Fluoranthene-d10	19.318	212	11338	0.298	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.776	128	14531	0.268	ng/ul	98
7) 2-Methylnaphthalene	12.387	142	3711	0.112	ng/ul	91
8) 1-Methylnaphthalene	12.607	142	2226	0.066	ng/ul	98
10) Acenaphthylene	14.275	152	20648	0.498	ng/ul	100
11) Acenaphthene	14.617	153	3438	0.096	ng/ul	98
12) Fluorene	15.603	166	8226	0.202	ng/ul	99
15) Phenanthrene	17.335	178	197541	3.156	ng/ul	99
16) Anthracene	17.428	178	86681	1.657	ng/ul	98
19) Fluoranthene	19.346	202	818380	16.183	ng/ul	99
20) Pyrene	19.713	202	652837	12.380	ng/ul	98
21) Benzo(a)anthracene	21.452	228	378356	8.237	ng/ul	98
22) Chrysene	21.505	228	329385	6.679	ng/ul	99
24) Benzo(b)fluoranthene	23.133	252	366500	8.345	ng/ul	85
26) Benzo(a)pyrene	23.752	252	268019	7.522	ng/ul#	74
27) Indeno(1,2,3-cd)pyrene	26.328	276	146295	2.898	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.342	278	37820	0.927	ng/ul	92
29) Benzo(g,h,i)perylene	27.096	276	101342	2.278	ng/ul	97

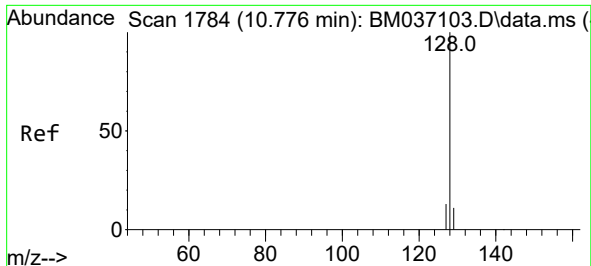
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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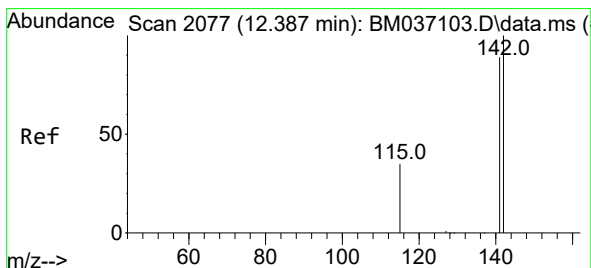
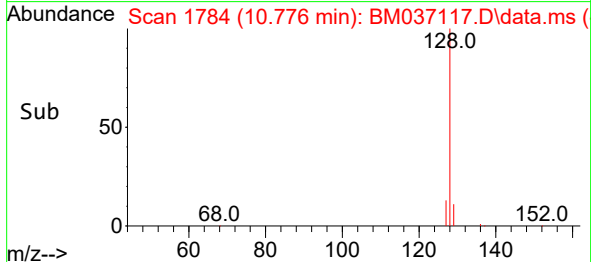
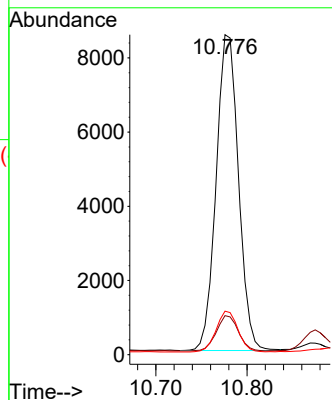
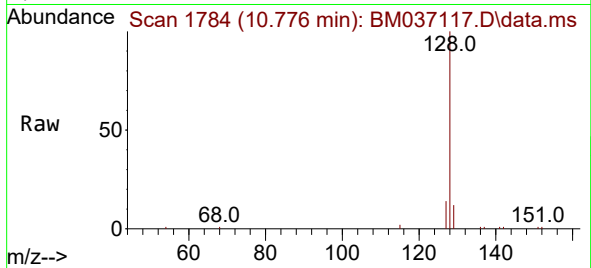




#5
Naphthalene
Concen: 0.268 ng/ul
RT: 10.776 min Scan# 1784
Delta R.T. -0.006 min
Lab File: BM037117.D
Acq: 17 Oct 2022 17:38

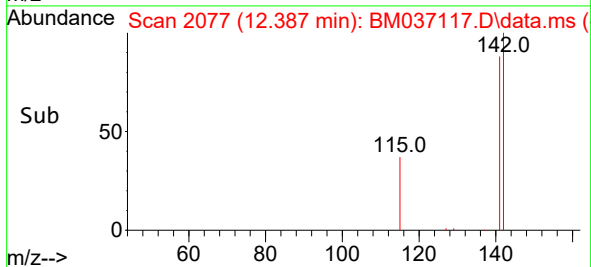
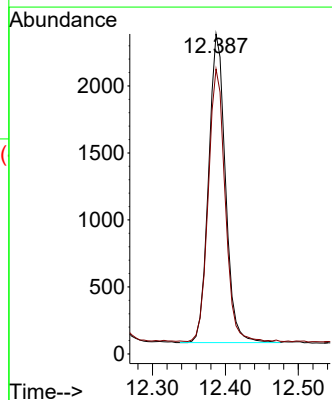
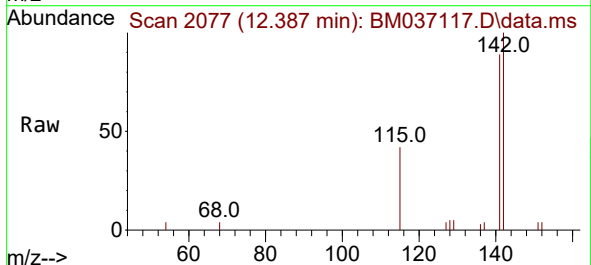
Instrument :
BNA_M
ClientSampleId :
BGNC2

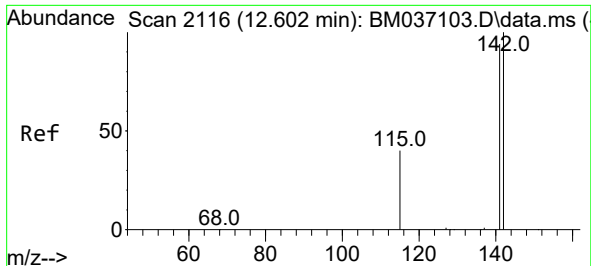
Tgt Ion:128 Resp: 14531
Ion Ratio Lower Upper
128 100
129 12.2 10.2 15.2
127 13.6 11.7 17.5



#7
2-Methylnaphthalene
Concen: 0.112 ng/ul
RT: 12.387 min Scan# 2077
Delta R.T. -0.006 min
Lab File: BM037117.D
Acq: 17 Oct 2022 17:38

Tgt Ion:142 Resp: 3711
Ion Ratio Lower Upper
142 100
141 88.3 77.4 116.0

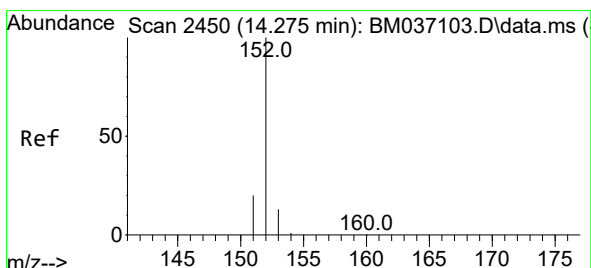
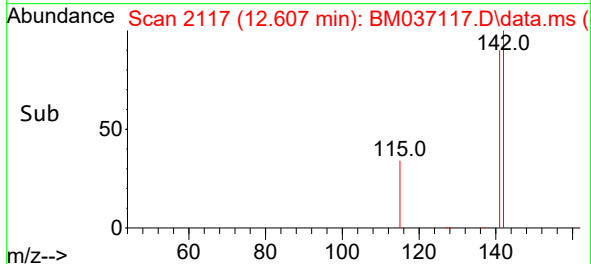
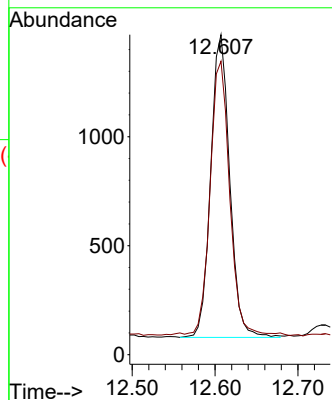
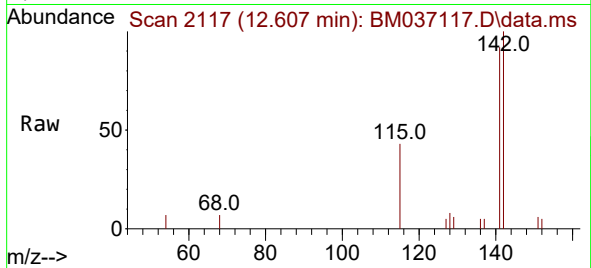




#8
1-Methylnaphthalene
Concen: 0.066 ng/ul
RT: 12.607 min Scan# 2116
Delta R.T. -0.000 min
Lab File: BM037117.D
Acq: 17 Oct 2022 17:38

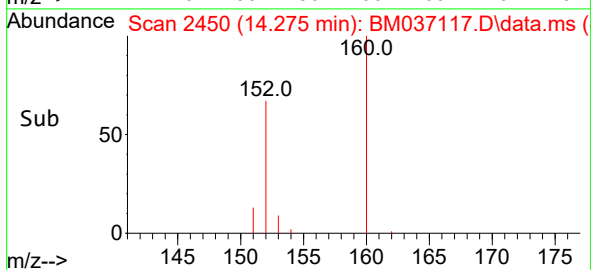
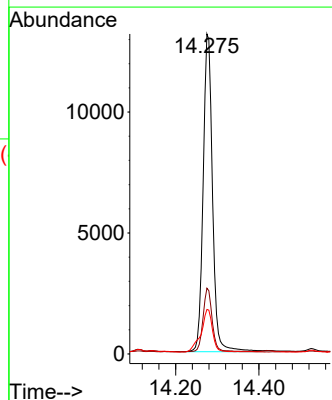
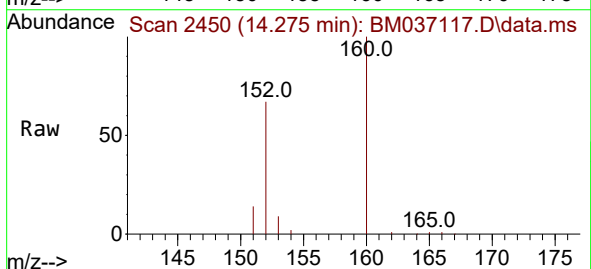
Instrument :
BNA_M
ClientSampleId :
BGNC2

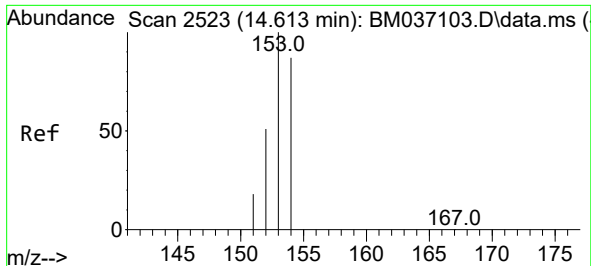
Tgt Ion:142 Resp: 2226
Ion Ratio Lower Upper
142 100
141 90.8 74.1 111.1



#10
Acenaphthylene
Concen: 0.498 ng/ul
RT: 14.275 min Scan# 2450
Delta R.T. -0.004 min
Lab File: BM037117.D
Acq: 17 Oct 2022 17:38

Tgt Ion:152 Resp: 20648
Ion Ratio Lower Upper
152 100
151 20.5 16.6 24.8
153 13.9 11.4 17.0

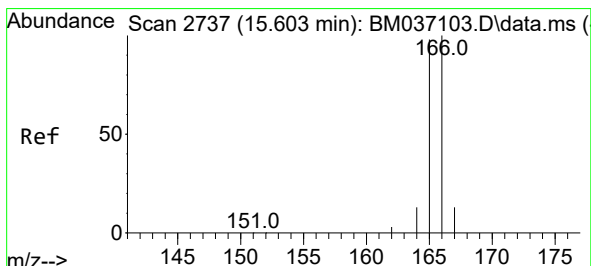
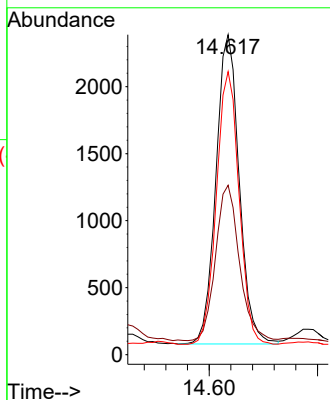
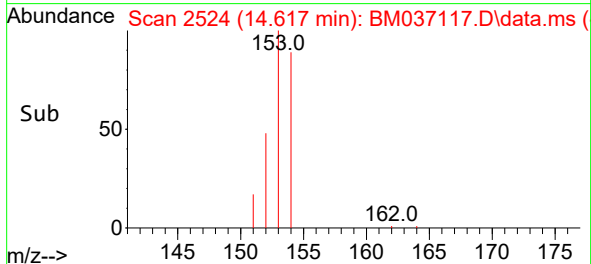
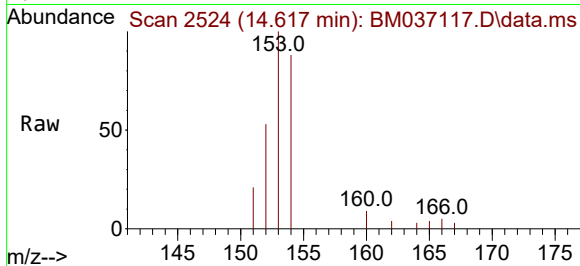




#11
Acenaphthene
Concen: 0.096 ng/u1
RT: 14.617 min Scan# 21
Delta R.T. 0.001 min
Lab File: BM037117.D
Acq: 17 Oct 2022 17:38

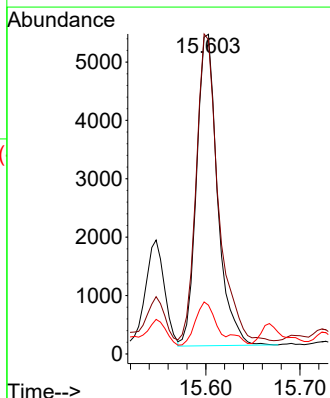
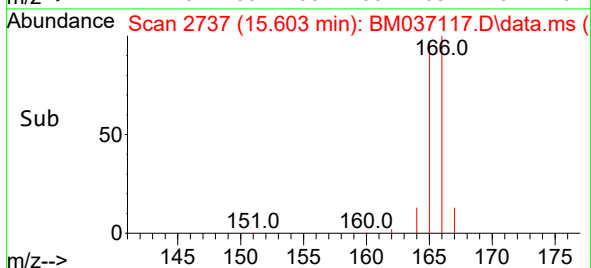
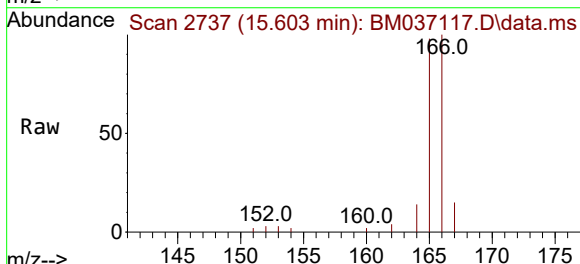
Instrument :
BNA_M
ClientSampleId :
BGNC2

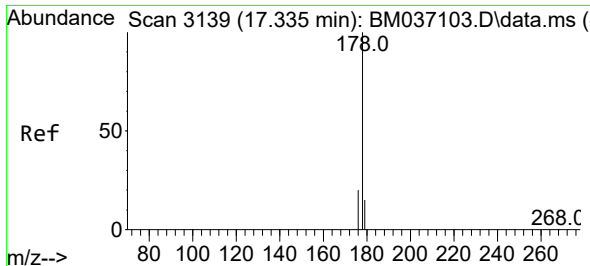
Tgt Ion:153 Resp: 3438
Ion Ratio Lower Upper
153 100
152 52.9 40.2 60.4
154 88.4 69.7 104.5



#12
Fluorene
Concen: 0.202 ng/u1
RT: 15.603 min Scan# 2737
Delta R.T. 0.001 min
Lab File: BM037117.D
Acq: 17 Oct 2022 17:38

Tgt Ion:166 Resp: 8226
Ion Ratio Lower Upper
166 100
165 98.3 78.9 118.3
167 15.3 11.3 16.9

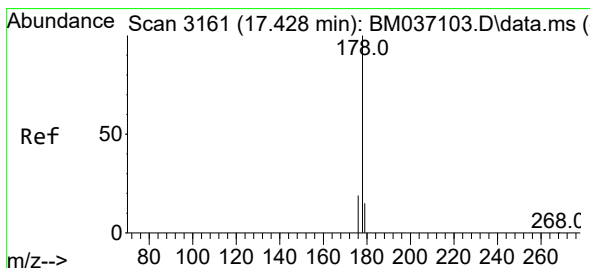
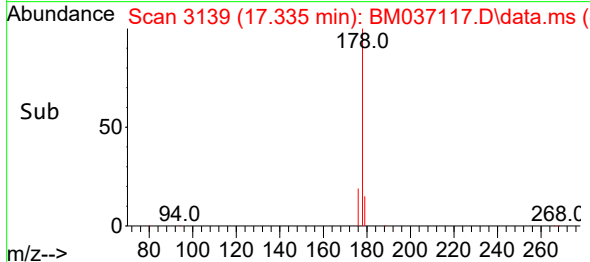
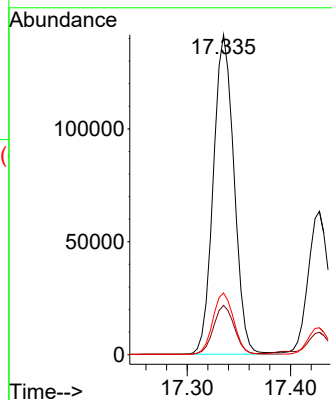
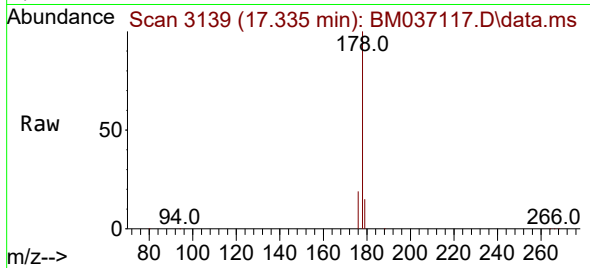




#15
Phenanthrene
Concen: 3.156 ng/ul
RT: 17.335 min Scan# 3139
Delta R.T. -0.003 min
Lab File: BM037117.D
Acq: 17 Oct 2022 17:38

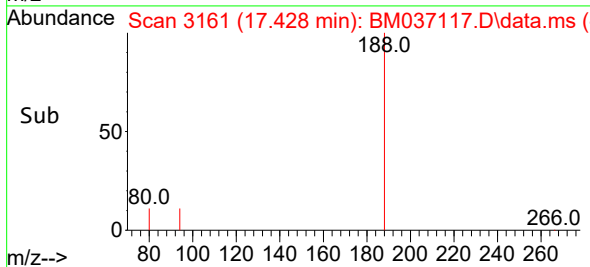
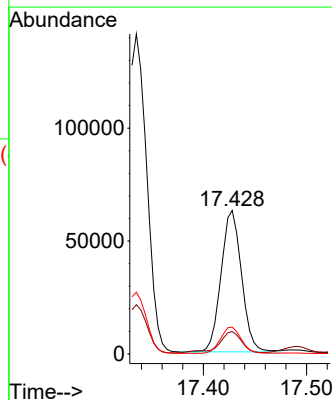
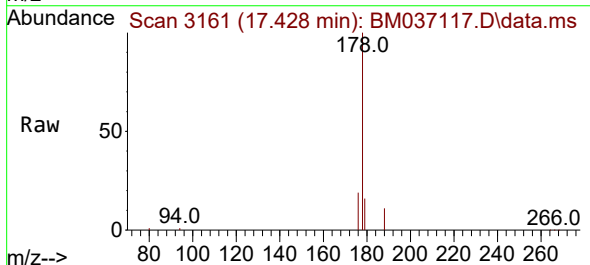
Instrument :
BNA_M
ClientSampleId :
BGNC2

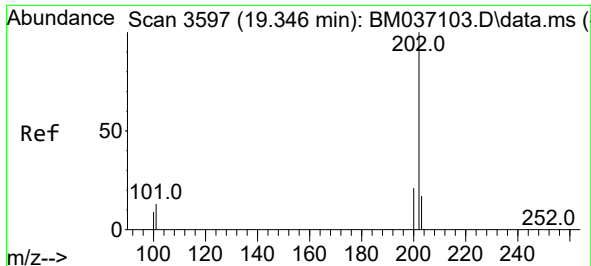
Tgt Ion:178 Resp: 197541
Ion Ratio Lower Upper
178 100
179 15.4 13.0 19.6
176 19.3 15.6 23.4



#16
Anthracene
Concen: 1.657 ng/ul
RT: 17.428 min Scan# 3161
Delta R.T. -0.003 min
Lab File: BM037117.D
Acq: 17 Oct 2022 17:38

Tgt Ion:178 Resp: 86681
Ion Ratio Lower Upper
178 100
179 15.6 13.6 20.4
176 18.7 15.6 23.4

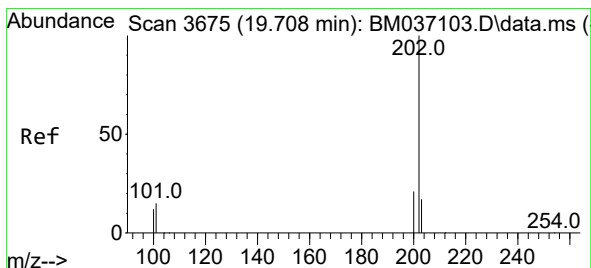
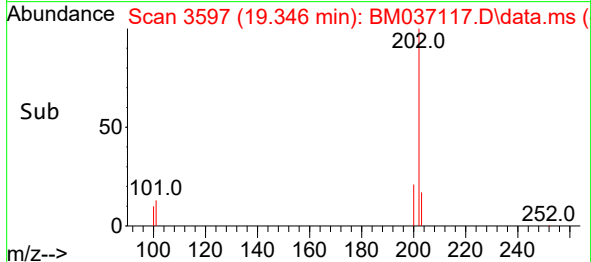
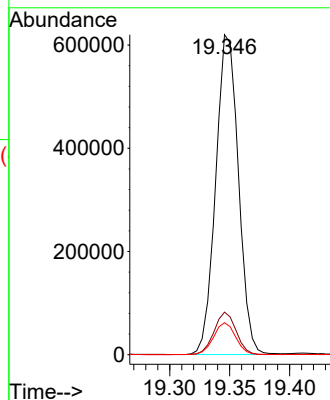
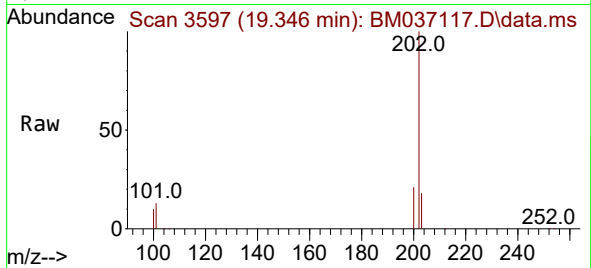




#19
Fluoranthene
Concen: 16.183 ng/ul
RT: 19.346 min Scan# 3597
Delta R.T. -0.004 min
Lab File: BM037117.D
Acq: 17 Oct 2022 17:38

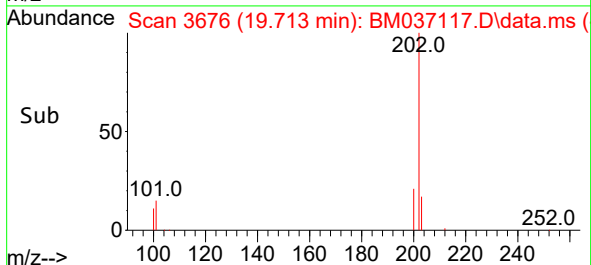
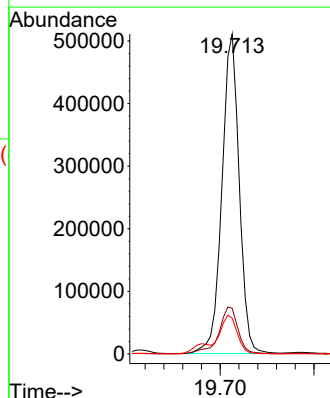
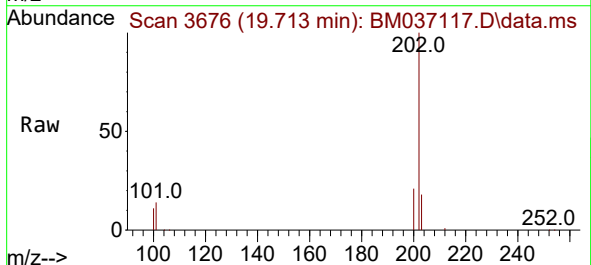
Instrument :
BNA_M
ClientSampleId :
BGNC2

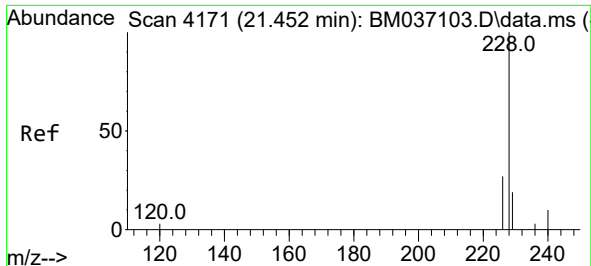
Tgt Ion:202 Resp: 818380
Ion Ratio Lower Upper
202 100
101 13.3 10.1 15.1
100 10.0 7.9 11.9



#20
Pyrene
Concen: 12.380 ng/ul
RT: 19.713 min Scan# 3676
Delta R.T. 0.005 min
Lab File: BM037117.D
Acq: 17 Oct 2022 17:38

Tgt Ion:202 Resp: 652837
Ion Ratio Lower Upper
202 100
101 14.3 12.0 18.0
100 11.2 9.8 14.6

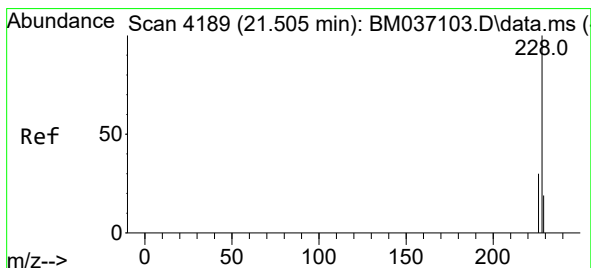
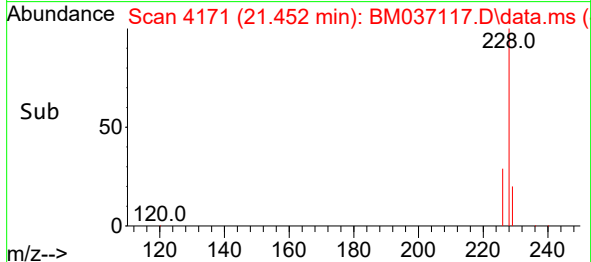
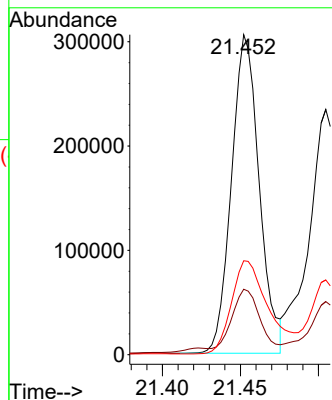
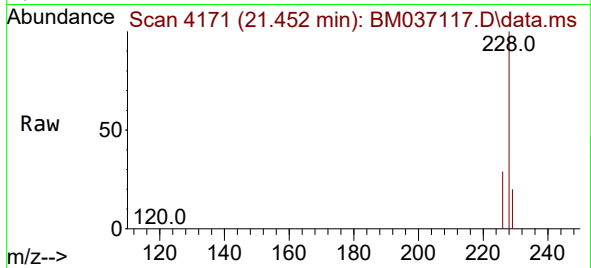




#21
Benzo(a)anthracene
Concen: 8.237 ng/ul
RT: 21.452 min Scan# 4171
Delta R.T. 0.002 min
Lab File: BM037117.D
Acq: 17 Oct 2022 17:38

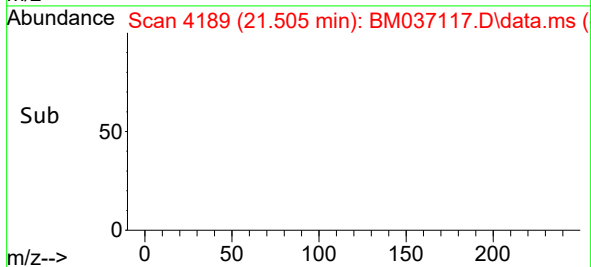
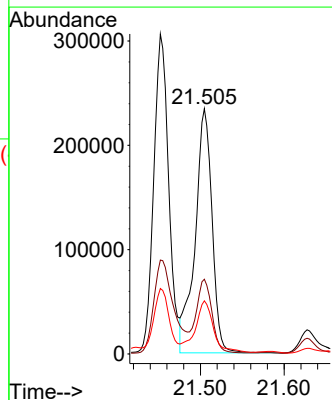
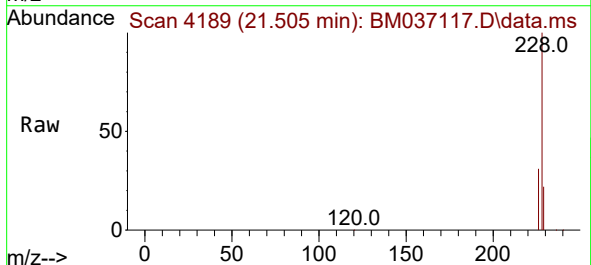
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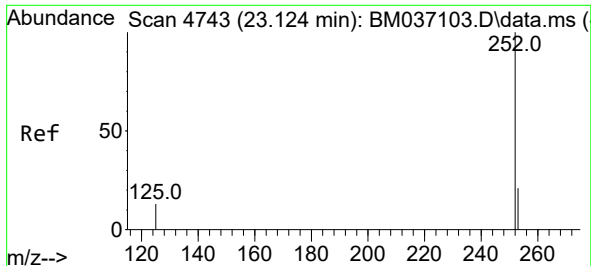
Tgt Ion:228 Resp: 378356
Ion Ratio Lower Upper
228 100
229 20.5 16.2 24.2
226 29.4 22.5 33.7



#22
Chrysene
Concen: 6.679 ng/ul
RT: 21.505 min Scan# 4189
Delta R.T. 0.002 min
Lab File: BM037117.D
Acq: 17 Oct 2022 17:38

Tgt Ion:228 Resp: 329385
Ion Ratio Lower Upper
228 100
226 30.5 24.6 37.0
229 21.6 16.4 24.6

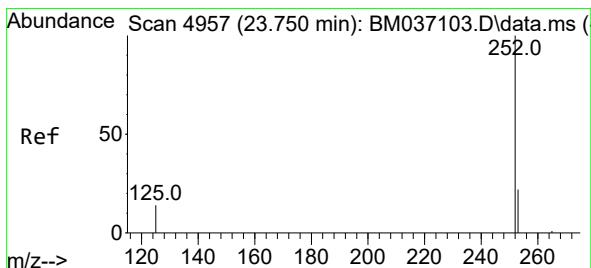
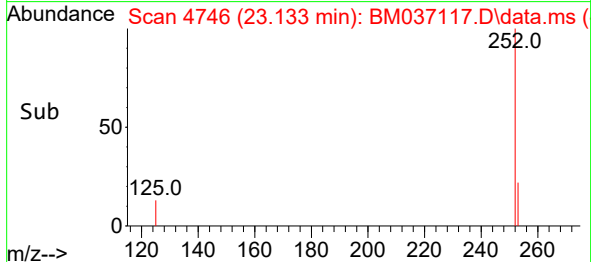
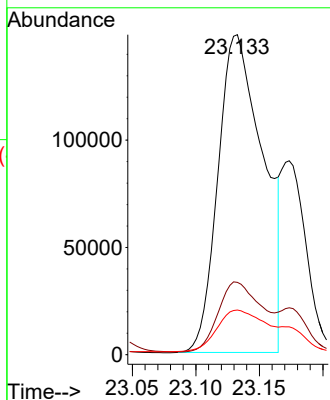
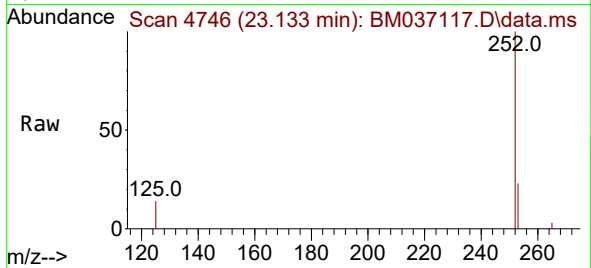




#24
Benzo(b)fluoranthene
Concen: 8.345 ng/uI
RT: 23.133 min Scan# 41
Delta R.T. 0.011 min
Lab File: BM037117.D
Acq: 17 Oct 2022 17:38

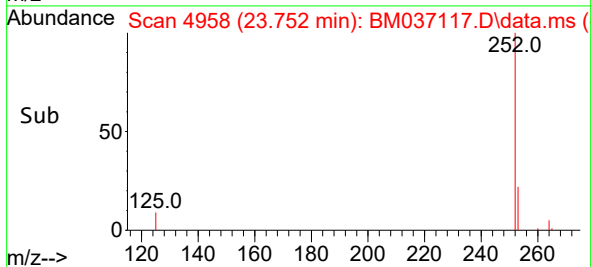
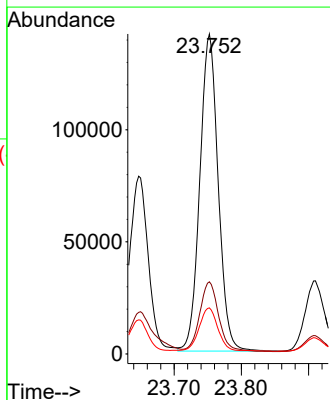
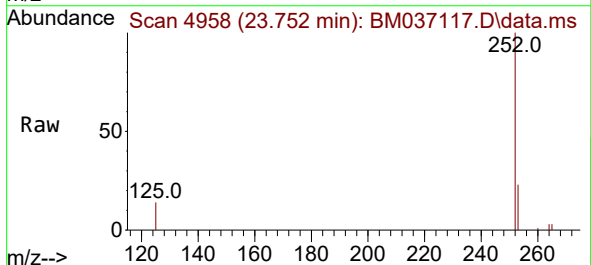
Instrument :
BNA_M
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BGNC2

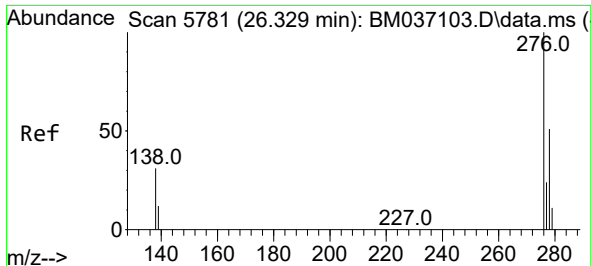
Tgt Ion:252 Resp: 366500
Ion Ratio Lower Upper
252 100
253 22.6 0.0 61.4
125 13.9 0.0 42.6



#26
Benzo(a)pyrene
Concen: 7.522 ng/uI
RT: 23.752 min Scan# 4958
Delta R.T. 0.008 min
Lab File: BM037117.D
Acq: 17 Oct 2022 17:38

Tgt Ion:252 Resp: 268019
Ion Ratio Lower Upper
252 100
253 22.6 29.7 44.5#
125 14.4 23.6 35.4#

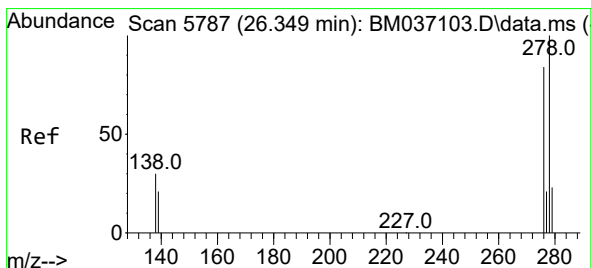
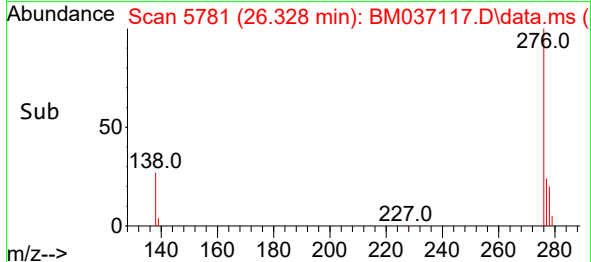
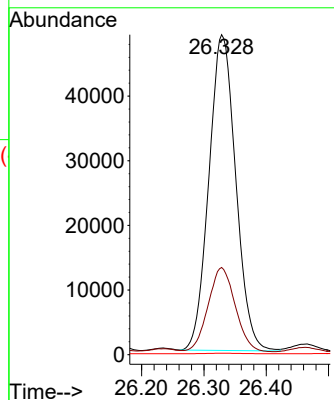
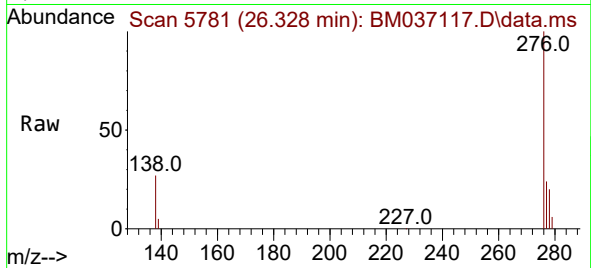




#27
Indeno(1,2,3-cd)pyrene
Concen: 2.898 ng/ul
RT: 26.328 min Scan# 5781
Delta R.T. 0.002 min
Lab File: BM037117.D
Acq: 17 Oct 2022 17:38

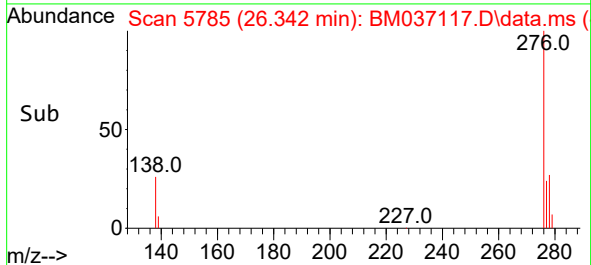
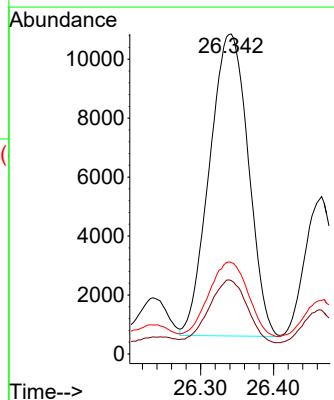
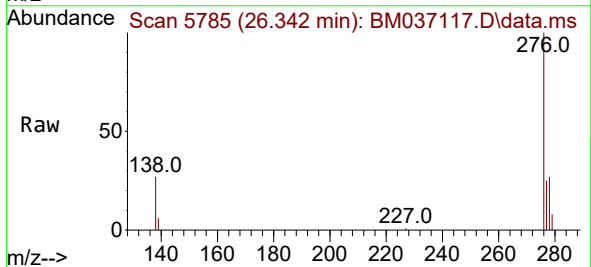
Instrument :
BNA_M
ClientSampleId :
BGNC2

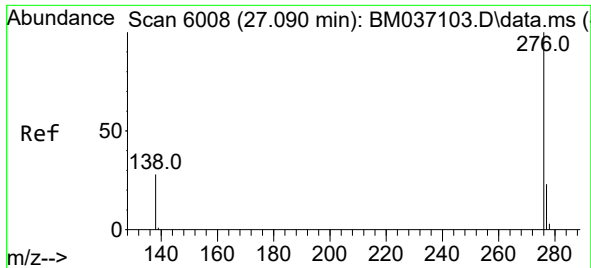
Tgt Ion:276 Resp: 146295
Ion Ratio Lower Upper
276 100
138 26.9 23.9 35.9
227 0.2 0.1 0.1#



#28
Dibenzo(a,h)anthracene
Concen: 0.927 ng/ul
RT: 26.342 min Scan# 5785
Delta R.T. -0.001 min
Lab File: BM037117.D
Acq: 17 Oct 2022 17:38

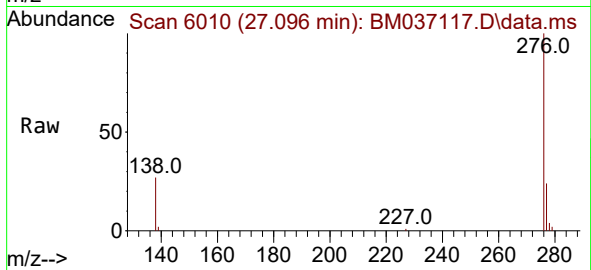
Tgt Ion:278 Resp: 37820
Ion Ratio Lower Upper
278 100
139 23.0 19.8 29.6
279 28.6 27.7 41.5





#29
Benzo(g,h,i)perylene
Concen: 2.278 ng/ul
RT: 27.096 min Scan# 60
Delta R.T. 0.009 min
Lab File: BM037117.D
Acq: 17 Oct 2022 17:38

Instrument :
BNA_M
ClientSampleId :
BGNC2



Tgt Ion:276 Resp: 101342
Ion Ratio Lower Upper
276 100
138 27.5 23.4 35.0
277 24.3 21.0 31.4

