

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101322\
 Data File : BM037097.D
 Acq On : 15 Oct 2022 18:10
 Operator : CG/JU
 Sample : N5049-13DL 5X
 Misc :
 ALS Vial : 95 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BR9DL

Quant Time: Oct 17 00:56:52 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)

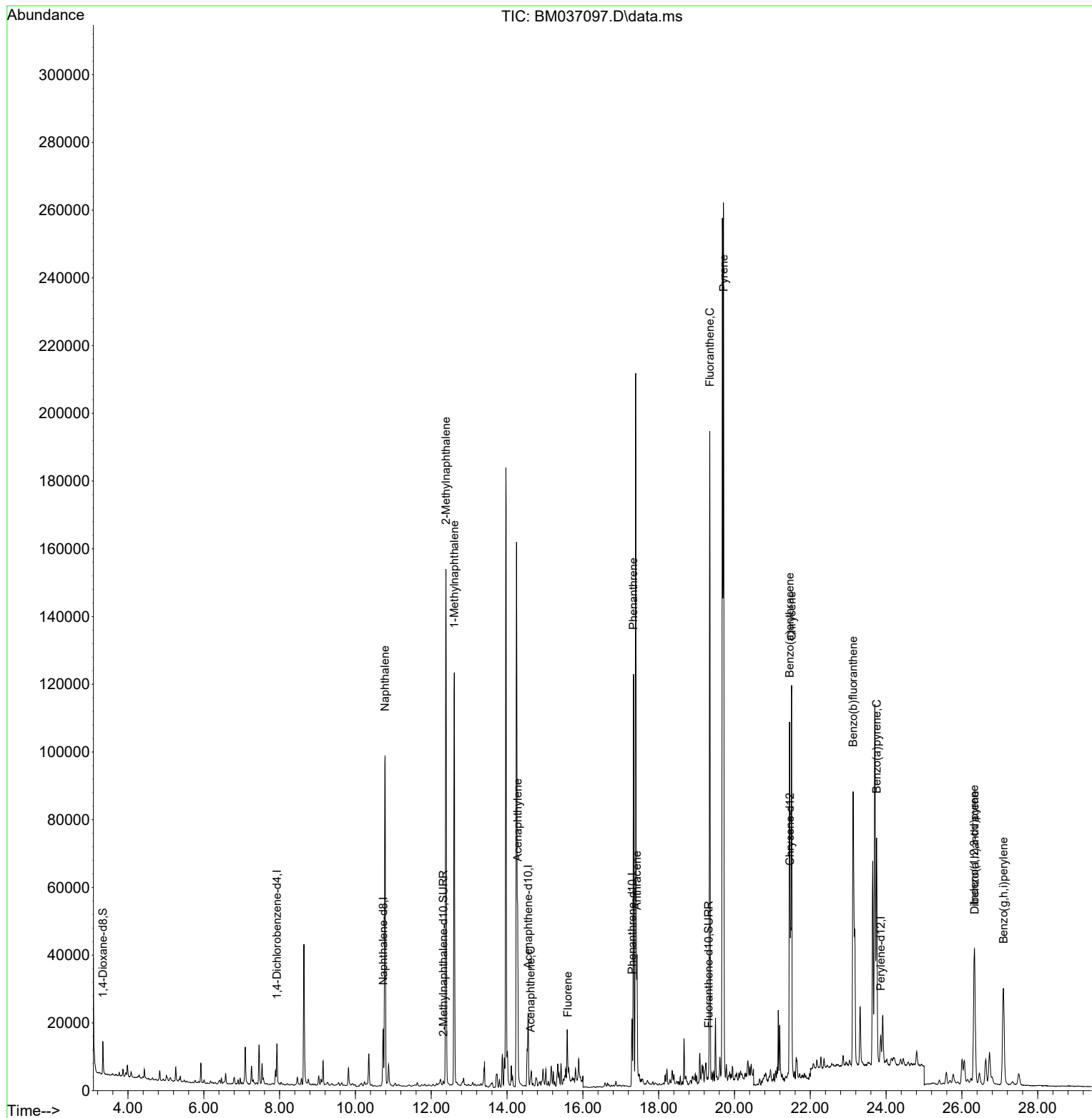
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.930	152	6078	0.400	ng/ul	0.00
4) Naphthalene-d8	10.732	136	21751	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.557	164	11842	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.296	188	22494	0.400	ng/ul	0.00
17) Chrysene-d12	21.467	240	14064	0.400	ng/ul	0.00
23) Perylene-d12	23.858	264	11166	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	6337	0.739	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.316	152	1736	0.053	ng/ul	0.00
18) Fluoranthene-d10	19.317	212	3019	0.072	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.782	128	131440	2.114	ng/ul	95
7) 2-Methylnaphthalene	12.387	142	103995	2.734	ng/ul	92
8) 1-Methylnaphthalene	12.607	142	82683	2.140	ng/ul	99
10) Acenaphthylene	14.279	152	58074	1.180	ng/ul	97
11) Acenaphthene	14.621	153	2487	0.058	ng/ul#	86
12) Fluorene	15.602	166	4809	0.099	ng/ul#	73
15) Phenanthrene	17.334	178	127583	1.777	ng/ul	99
16) Anthracene	17.427	178	36903	0.615	ng/ul	99
19) Fluoranthene	19.349	202	157049	2.808	ng/ul	98
20) Pyrene	19.712	202	214693	3.680	ng/ul	97
21) Benzo(a)anthracene	21.453	228	89077	1.753	ng/ul	95
22) Chrysene	21.505	228	118977	2.181	ng/ul	99
24) Benzo(b)fluoranthene	23.130	252	148375	2.975	ng/ul	86
26) Benzo(a)pyrene	23.750	252	92013	2.273	ng/ul#	76
27) Indeno(1,2,3-cd)pyrene	26.326	276	68813	1.200	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.336	278	17677	0.382	ng/ul	96
29) Benzo(g,h,i)perylene	27.094	276	62048	1.228	ng/ul	97

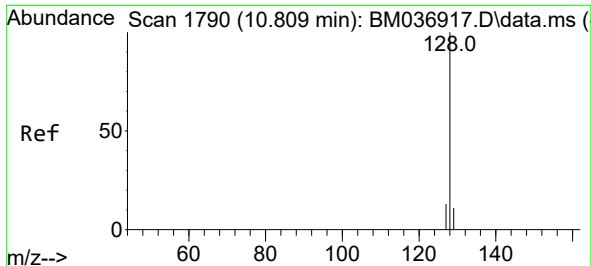
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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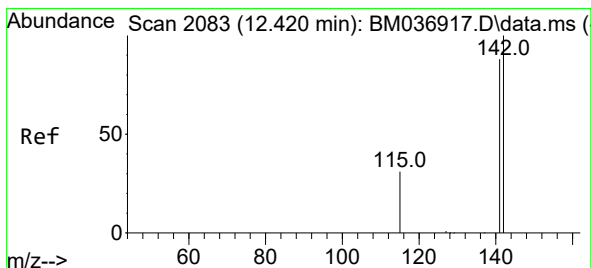
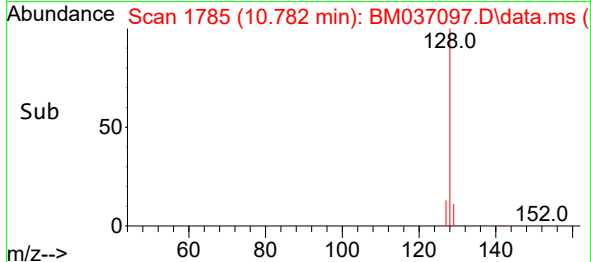
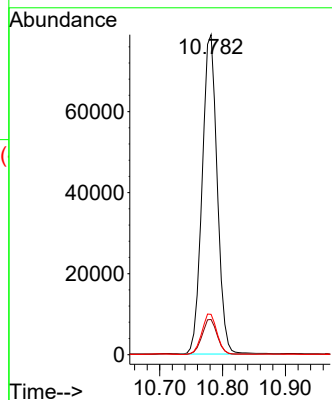
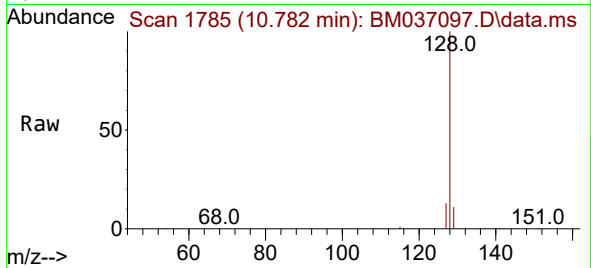




#5
Naphthalene
Concen: 2.114 ng/ul
RT: 10.782 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM037097.D
Acq: 15 Oct 2022 18:10

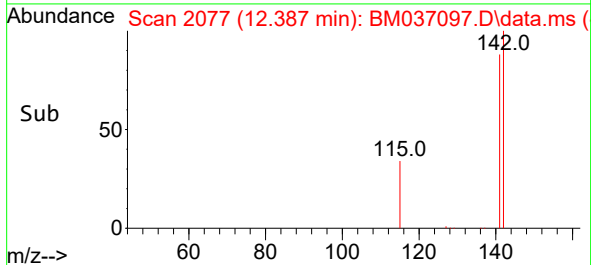
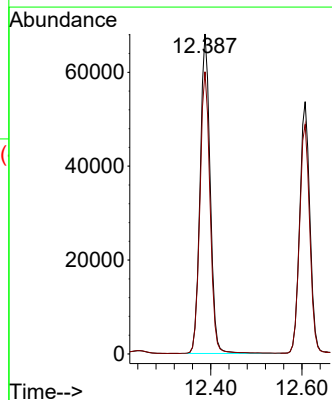
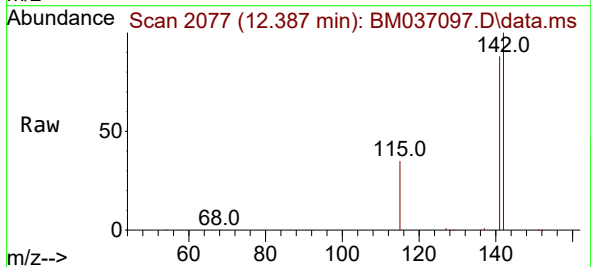
Instrument :
BNA_M
ClientSampleId :
C0BR9DL

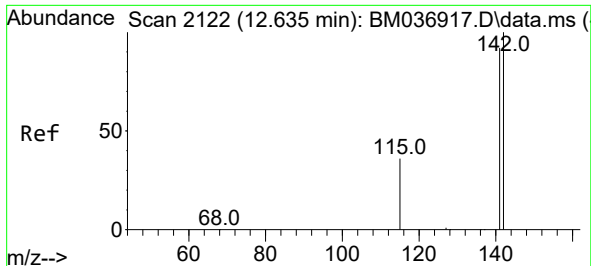
Tgt Ion:128 Resp: 131440
Ion Ratio Lower Upper
128 100
129 11.0 10.2 15.2
127 12.6 11.7 17.5



#7
2-Methylnaphthalene
Concen: 2.734 ng/ul
RT: 12.387 min Scan# 2077
Delta R.T. -0.005 min
Lab File: BM037097.D
Acq: 15 Oct 2022 18:10

Tgt Ion:142 Resp: 103995
Ion Ratio Lower Upper
142 100
141 88.7 77.4 116.0

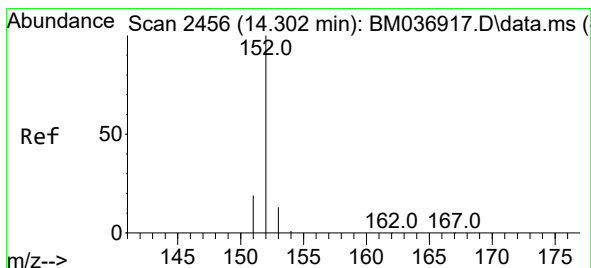
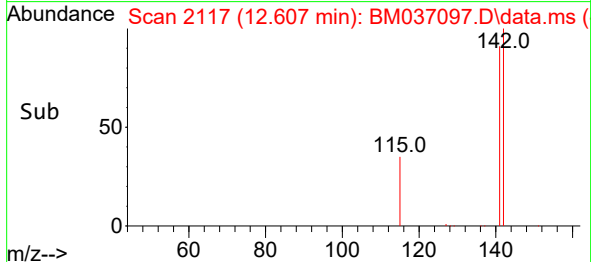
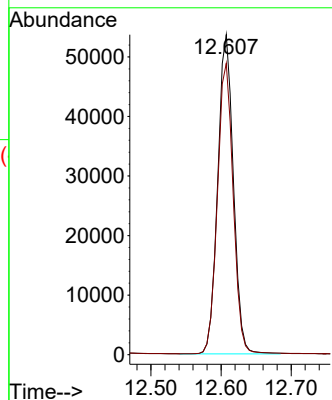
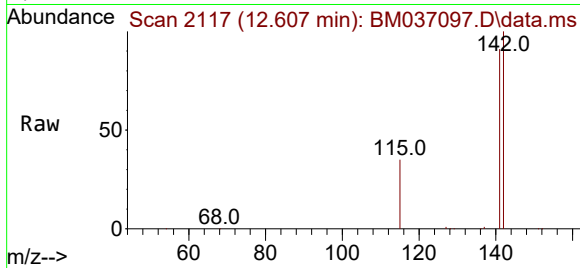




#8
1-Methylnaphthalene
Concen: 2.140 ng/ul
RT: 12.607 min Scan# 2122
Delta R.T. 0.000 min
Lab File: BM037097.D
Acq: 15 Oct 2022 18:10

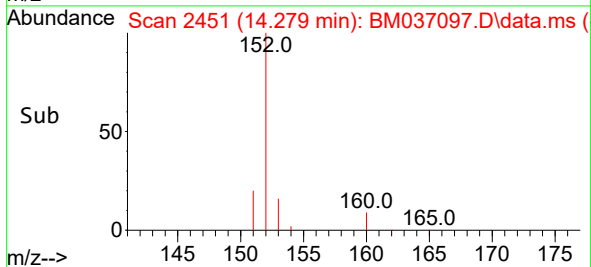
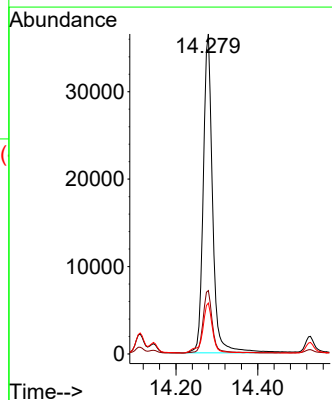
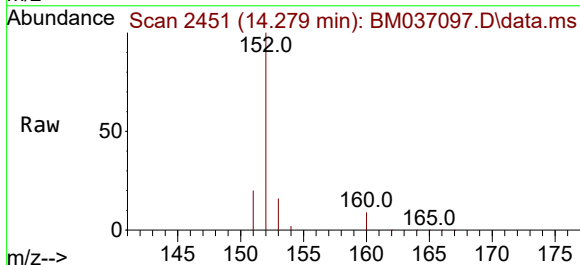
Instrument :
BNA_M
ClientSampleId :
C0BR9DL

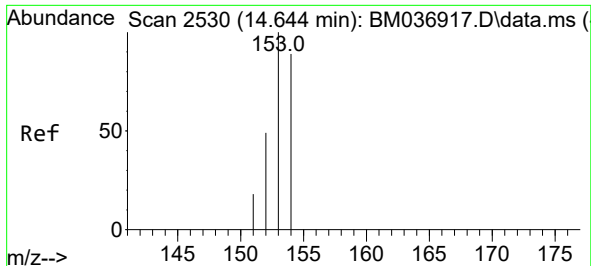
Tgt Ion:142 Resp: 82683
Ion Ratio Lower Upper
142 100
141 91.6 74.1 111.1



#10
Acenaphthylene
Concen: 1.180 ng/ul
RT: 14.279 min Scan# 2451
Delta R.T. 0.000 min
Lab File: BM037097.D
Acq: 15 Oct 2022 18:10

Tgt Ion:152 Resp: 58074
Ion Ratio Lower Upper
152 100
151 19.8 16.6 24.8
153 15.9 11.4 17.0

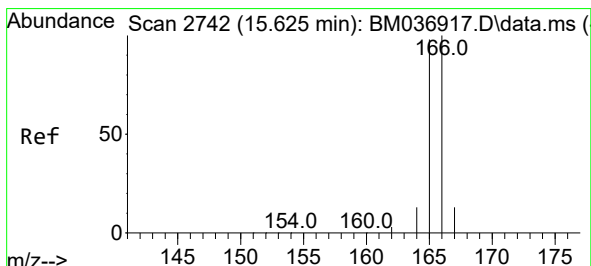
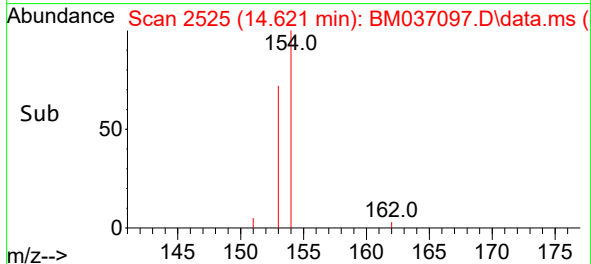
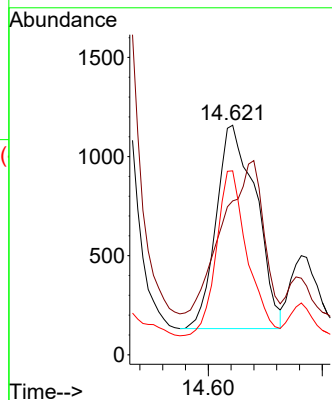
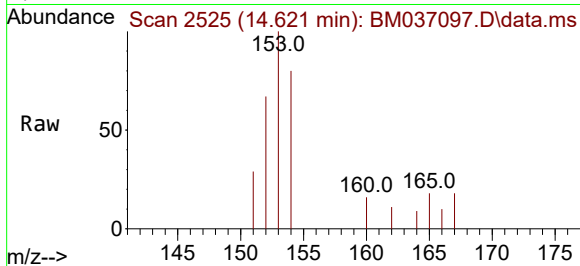




#11
Acenaphthene
Concen: 0.058 ng/u1
RT: 14.621 min Scan# 21
Delta R.T. 0.005 min
Lab File: BM037097.D
Acq: 15 Oct 2022 18:10

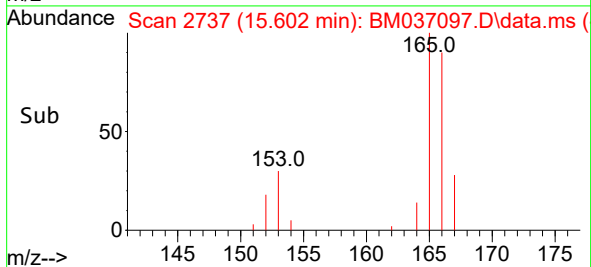
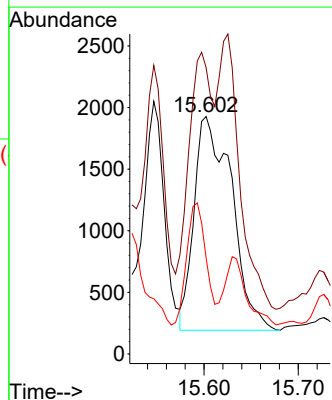
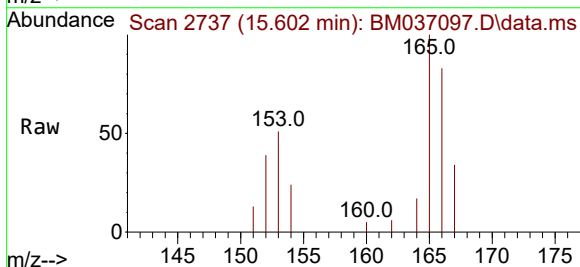
Instrument :
BNA_M
ClientSampleId :
C0BR9DL

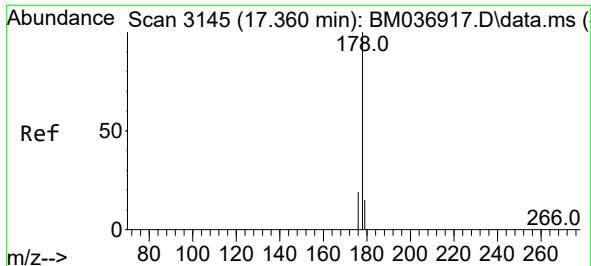
Tgt Ion:153 Resp: 2487
Ion Ratio Lower Upper
153 100
152 67.0 40.2 60.4#
154 80.1 69.7 104.5



#12
Fluorene
Concen: 0.099 ng/u1
RT: 15.602 min Scan# 2737
Delta R.T. 0.000 min
Lab File: BM037097.D
Acq: 15 Oct 2022 18:10

Tgt Ion:166 Resp: 4809
Ion Ratio Lower Upper
166 100
165 120.5 78.9 118.3#
167 40.4 11.3 16.9#

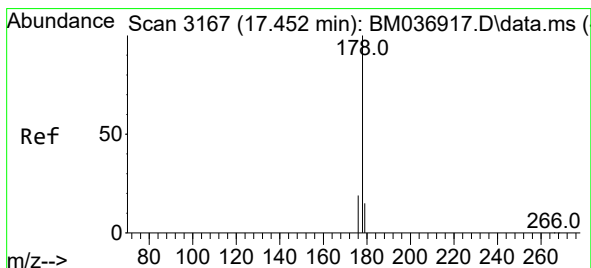
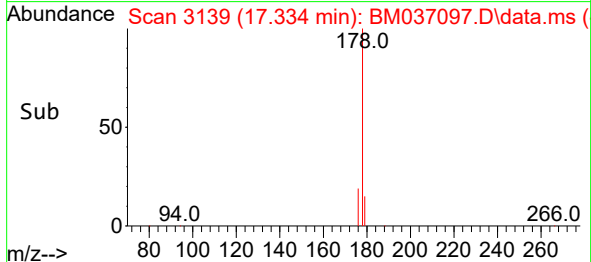
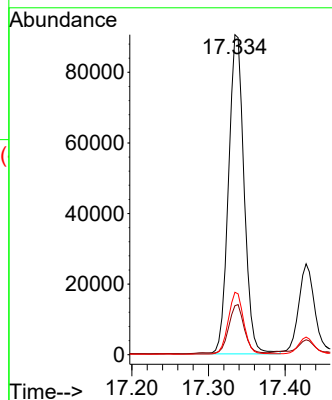
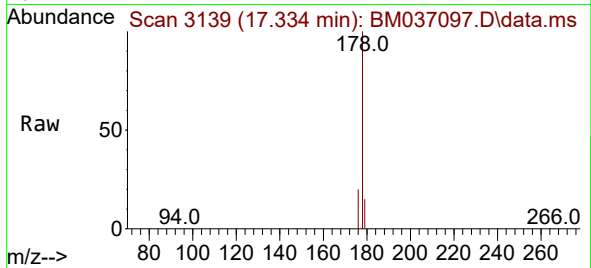




#15
Phenanthrene
Concen: 1.777 ng/ul
RT: 17.334 min Scan# 3145
Delta R.T. -0.004 min
Lab File: BM037097.D
Acq: 15 Oct 2022 18:10

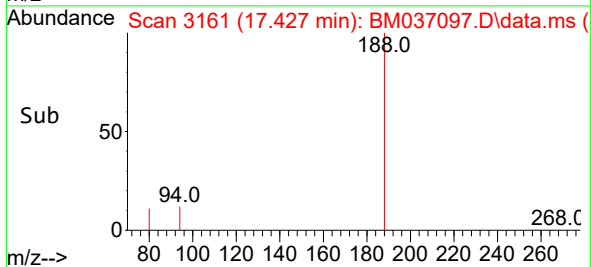
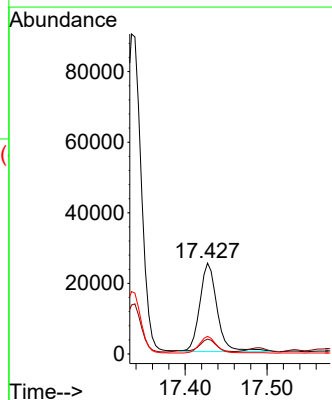
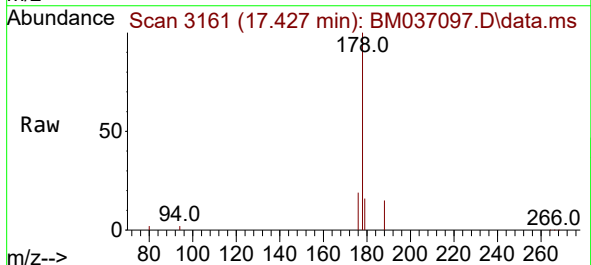
Instrument :
BNA_M
ClientSampleId :
C0BR9DL

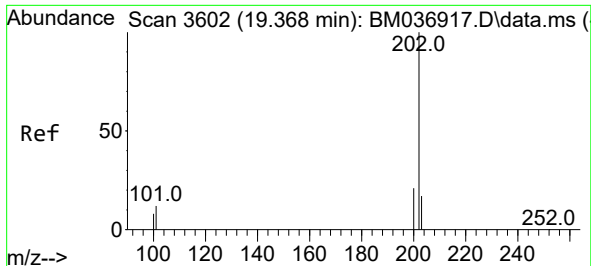
Tgt Ion:178 Resp: 127583
Ion Ratio Lower Upper
178 100
179 15.3 13.0 19.6
176 19.5 15.6 23.4



#16
Anthracene
Concen: 0.615 ng/ul
RT: 17.427 min Scan# 3161
Delta R.T. -0.004 min
Lab File: BM037097.D
Acq: 15 Oct 2022 18:10

Tgt Ion:178 Resp: 36903
Ion Ratio Lower Upper
178 100
179 16.4 13.6 20.4
176 19.4 15.6 23.4

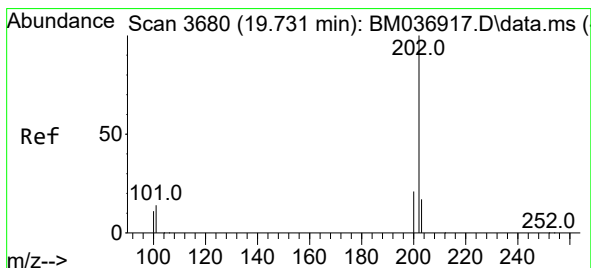
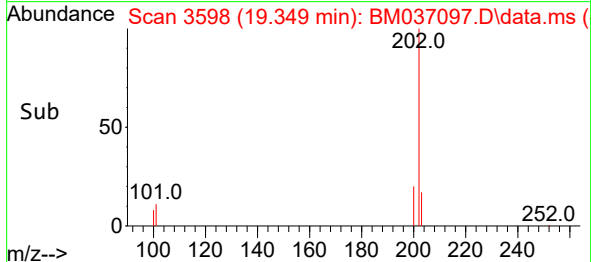
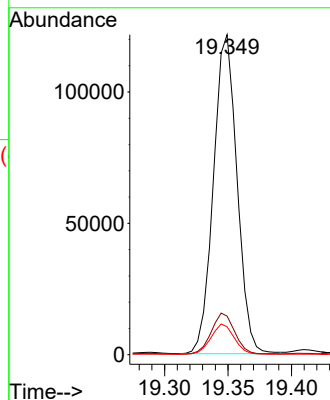
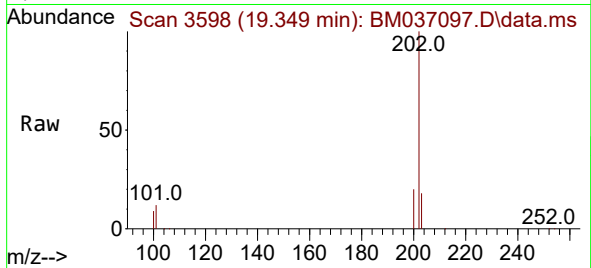




#19
Fluoranthene
Concen: 2.808 ng/ul
RT: 19.349 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM037097.D
Acq: 15 Oct 2022 18:10

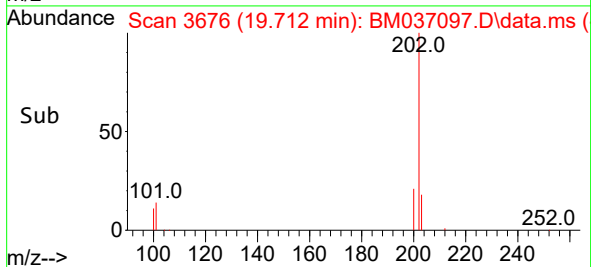
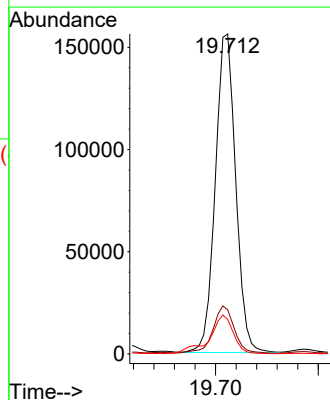
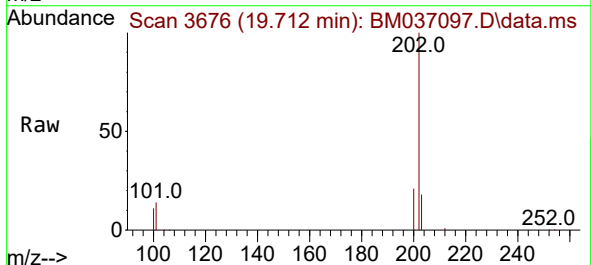
Instrument :
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ClientSampleId :
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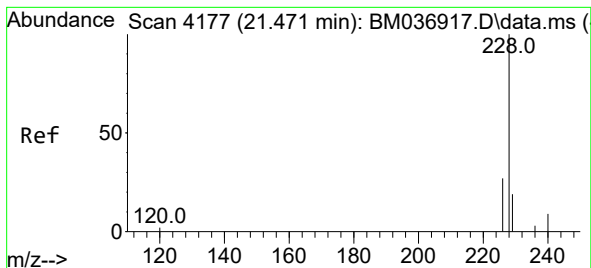
Tgt Ion:202 Resp: 157049
Ion Ratio Lower Upper
202 100
101 12.1 10.1 15.1
100 8.7 7.9 11.9



#20
Pyrene
Concen: 3.680 ng/ul
RT: 19.712 min Scan# 3676
Delta R.T. 0.004 min
Lab File: BM037097.D
Acq: 15 Oct 2022 18:10

Tgt Ion:202 Resp: 214693
Ion Ratio Lower Upper
202 100
101 13.8 12.0 18.0
100 10.8 9.8 14.6





#21

Benzo(a)anthracene

Concen: 1.753 ng/ul

RT: 21.453 min Scan# 41

Delta R.T. 0.003 min

Lab File: BM037097.D

Acq: 15 Oct 2022 18:10

Instrument :

BNA_M

ClientSampleId :

C0BR9DL

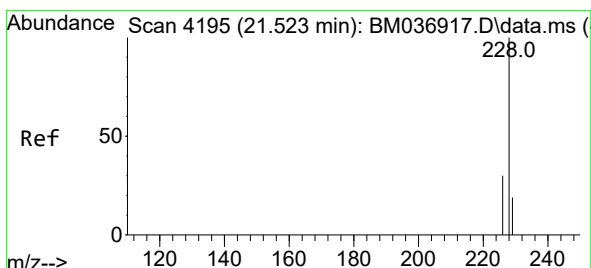
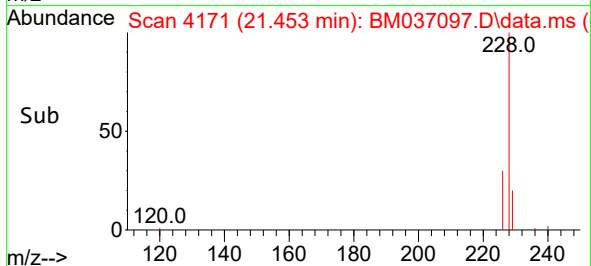
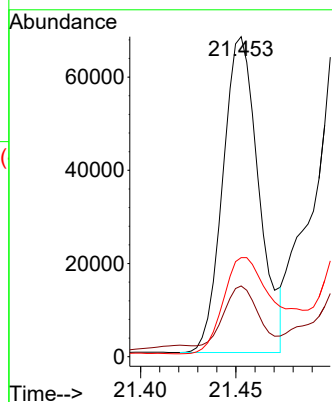
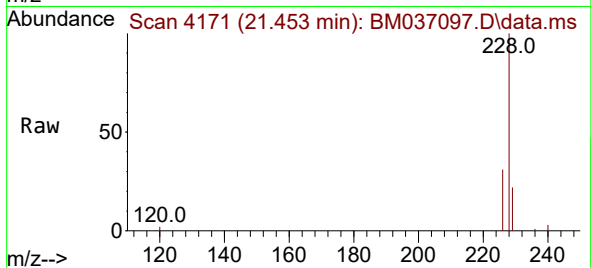
Tgt Ion:228 Resp: 89077

Ion Ratio Lower Upper

228 100

229 22.1 16.2 24.2

226 31.0 22.5 33.7



#22

Chrysene

Concen: 2.181 ng/ul

RT: 21.505 min Scan# 4189

Delta R.T. 0.003 min

Lab File: BM037097.D

Acq: 15 Oct 2022 18:10

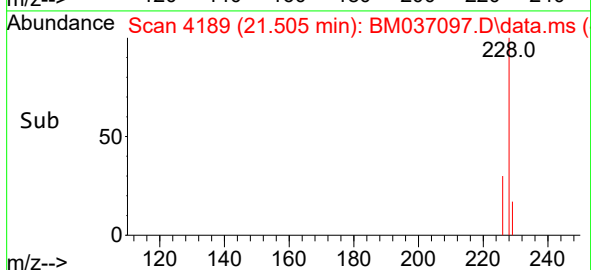
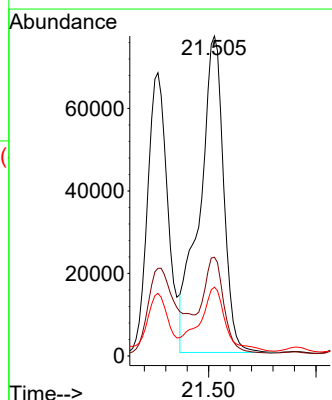
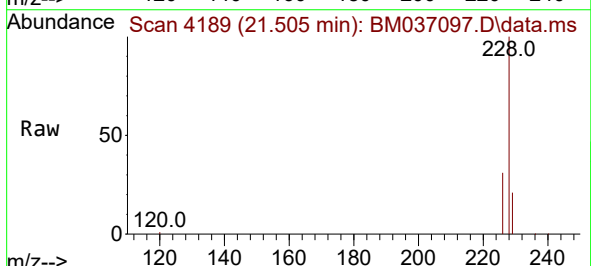
Tgt Ion:228 Resp: 118977

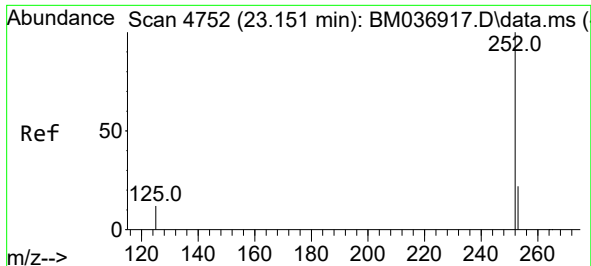
Ion Ratio Lower Upper

228 100

226 30.8 24.6 37.0

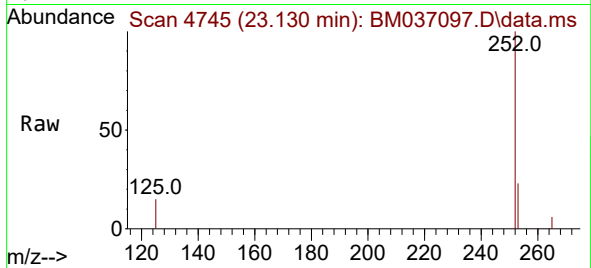
229 21.5 16.4 24.6



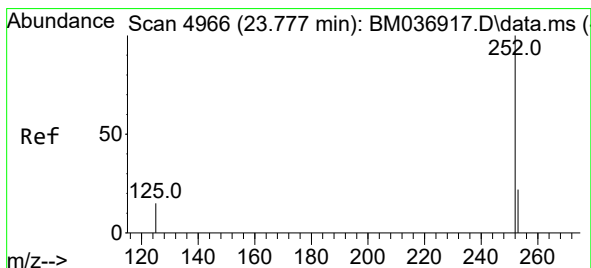
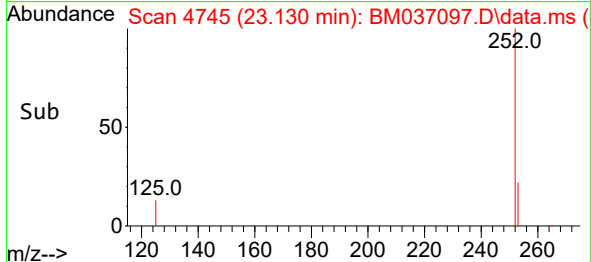
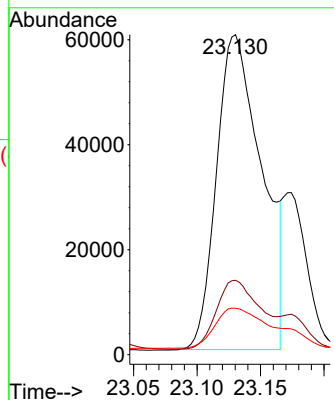


#24
Benzo(b)fluoranthene
Concen: 2.975 ng/ul
RT: 23.130 min Scan# 41
Delta R.T. 0.008 min
Lab File: BM037097.D
Acq: 15 Oct 2022 18:10

Instrument :
BNA_M
ClientSampleId :
C0BR9DL

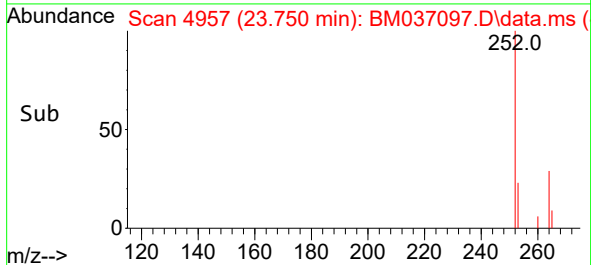
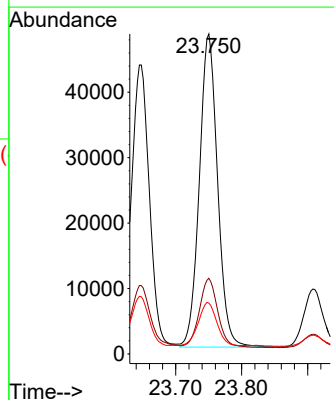
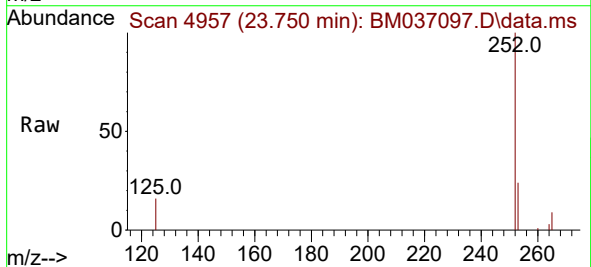


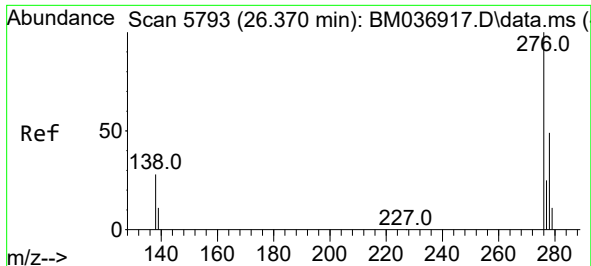
Tgt Ion:252 Resp: 148375
Ion Ratio Lower Upper
252 100
253 23.3 0.0 61.4
125 14.5 0.0 42.6



#26
Benzo(a)pyrene
Concen: 2.273 ng/ul
RT: 23.750 min Scan# 4957
Delta R.T. 0.006 min
Lab File: BM037097.D
Acq: 15 Oct 2022 18:10

Tgt Ion:252 Resp: 92013
Ion Ratio Lower Upper
252 100
253 23.6 29.7 44.5#
125 15.9 23.6 35.4#

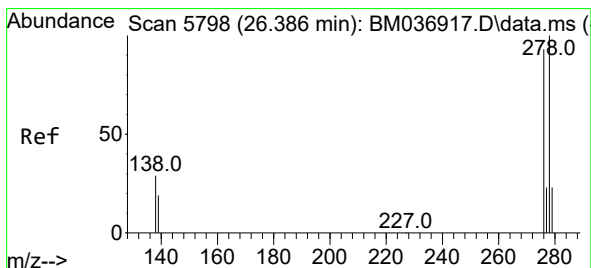
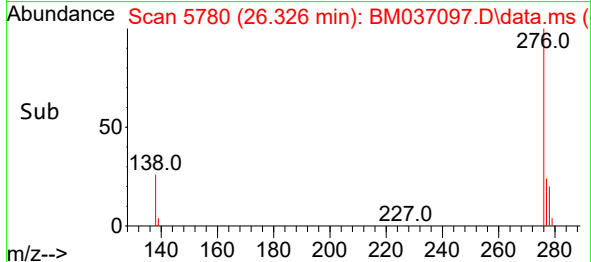
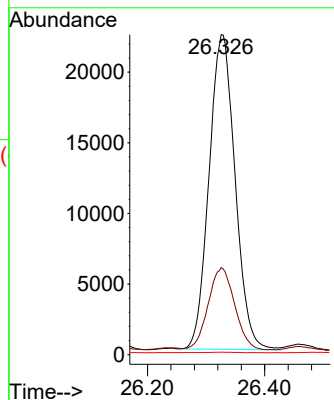
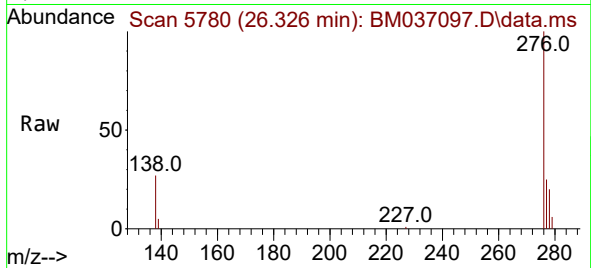




#27
Indeno(1,2,3-cd)pyrene
Concen: 1.200 ng/ul
RT: 26.326 min Scan# 5780
Delta R.T. -0.000 min
Lab File: BM037097.D
Acq: 15 Oct 2022 18:10

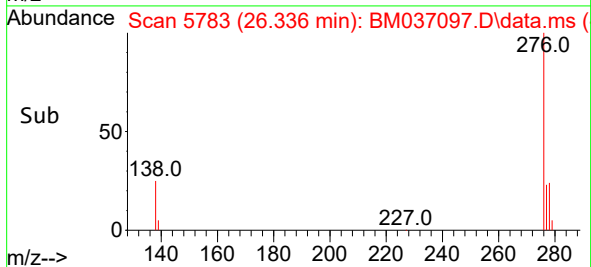
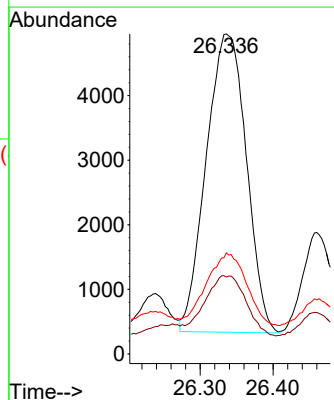
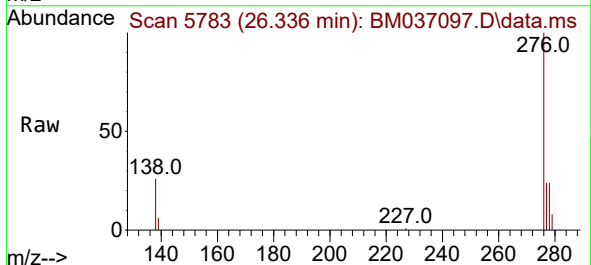
Instrument :
BNA_M
ClientSampleId :
C0BR9DL

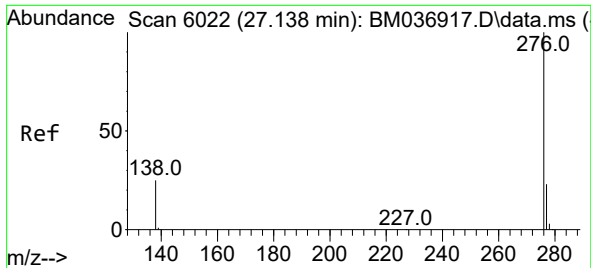
Tgt Ion:276 Resp: 68813
Ion Ratio Lower Upper
276 100
138 26.8 23.9 35.9
227 0.2 0.1 0.1#



#28
Dibenzo(a,h)anthracene
Concen: 0.382 ng/ul
RT: 26.336 min Scan# 5783
Delta R.T. -0.007 min
Lab File: BM037097.D
Acq: 15 Oct 2022 18:10

Tgt Ion:278 Resp: 17677
Ion Ratio Lower Upper
278 100
139 24.1 19.8 29.6
279 31.6 27.7 41.5





#29
 Benzo(g,h,i)perylene
 Concen: 1.228 ng/ul
 RT: 27.094 min Scan# 6022
 Delta R.T. 0.006 min
 Lab File: BM037097.D
 Acq: 15 Oct 2022 18:10

Instrument :
 BNA_M
 ClientSampleId :
 C0BR9DL

Tgt Ion:276 Resp: 62048
 Ion Ratio Lower Upper
 276 100
 138 27.2 23.4 35.0
 277 24.6 21.0 31.4

