

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101322\
 Data File : BM037089.D
 Acq On : 15 Oct 2022 12:48
 Operator : CG/JU
 Sample : N5049-07DL 5X
 Misc :
 ALS Vial : 86 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 COBL8DL

Quant Time: Oct 17 00:55:35 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)

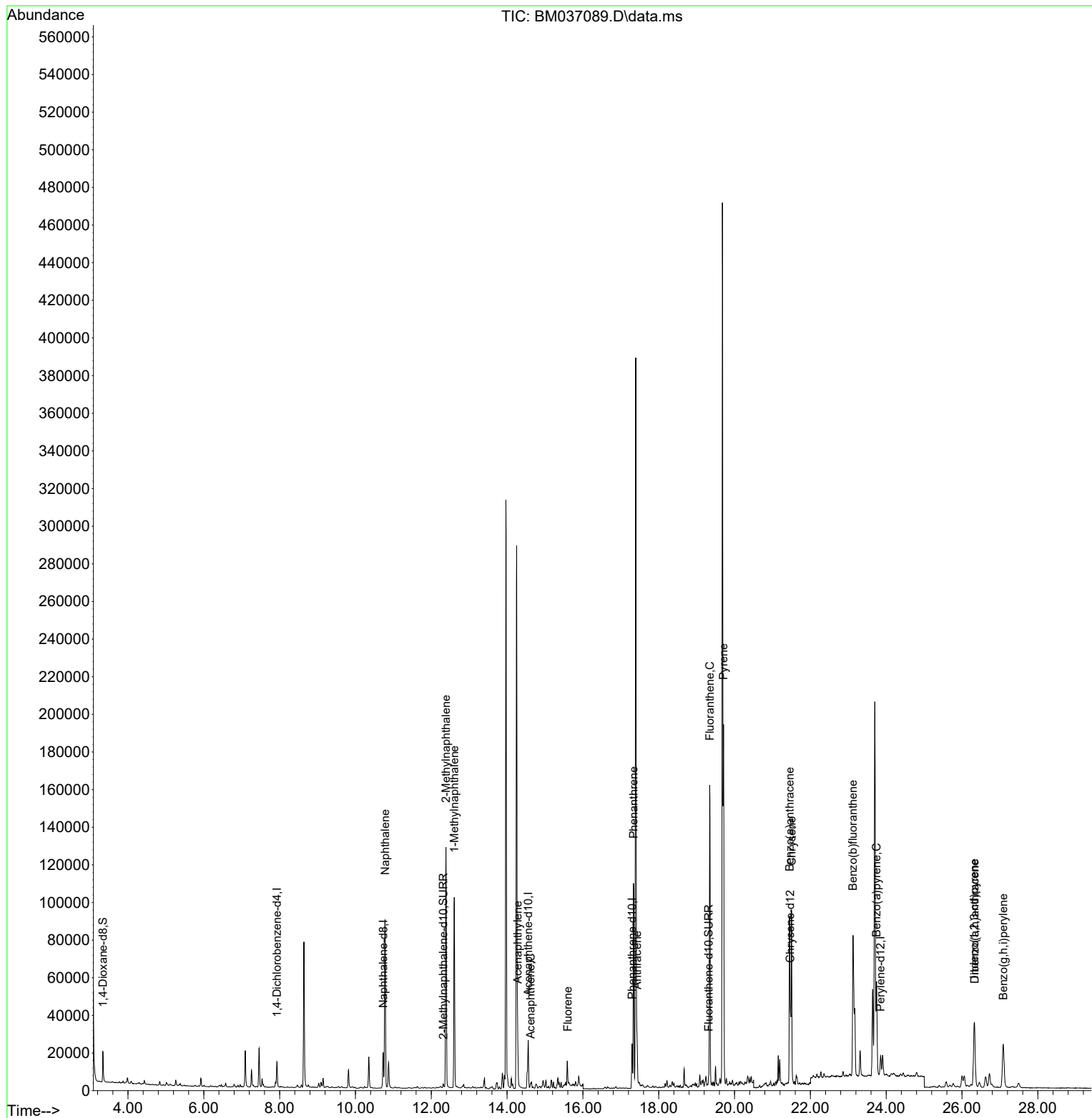
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.930	152	7063	0.400	ng/ul	0.00
4) Naphthalene-d8	10.732	136	25238	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.557	164	13659	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.296	188	26834	0.400	ng/ul	0.00
17) Chrysene-d12	21.467	240	17622	0.400	ng/ul	0.00
23) Perylene-d12	23.852	264	13729	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	11180	1.122	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.316	152	2862	0.075	ng/ul	0.00
18) Fluoranthene-d10	19.317	212	5362	0.102	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.782	128	122864	1.703	ng/ul	95
7) 2-Methylnaphthalene	12.387	142	88089	1.996	ng/ul	92
8) 1-Methylnaphthalene	12.607	142	68395	1.526	ng/ul	99
10) Acenaphthylene	14.279	152	30603	0.539	ng/ul#	96
11) Acenaphthene	14.617	153	2224	0.045	ng/ul#	93
12) Fluorene	15.602	166	3525	0.063	ng/ul#	78
15) Phenanthrene	17.334	178	112551	1.314	ng/ul	99
16) Anthracene	17.427	178	26044	0.364	ng/ul	99
19) Fluoranthene	19.345	202	133882	1.910	ng/ul	99
20) Pyrene	19.707	202	155203	2.123	ng/ul	100
21) Benzo(a)anthracene	21.450	228	73641	1.157	ng/ul	97
22) Chrysene	21.502	228	97249	1.423	ng/ul	99
24) Benzo(b)fluoranthene	23.125	252	130185	2.123	ng/ul	86
26) Benzo(a)pyrene	23.744	252	68340	1.373	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	26.322	276	58379	0.828	ng/ul	94
28) Dibenzo(a,h)anthracene	26.333	278	14381	0.252	ng/ul	97
29) Benzo(g,h,i)perylene	27.087	276	49798	0.802	ng/ul	97

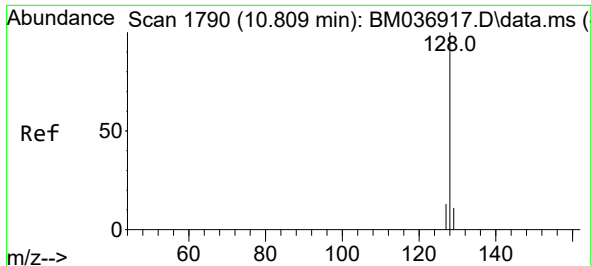
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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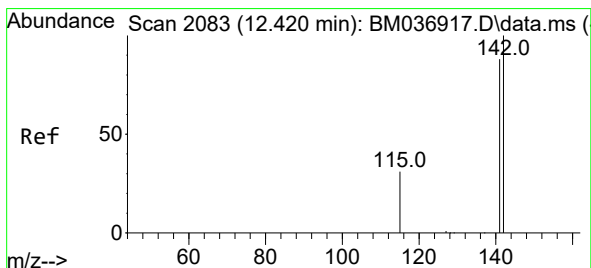
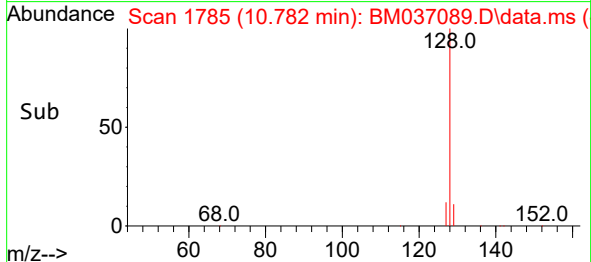
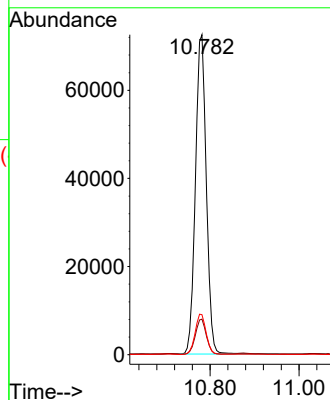
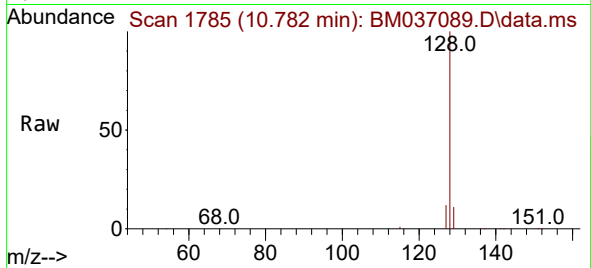




#5
Naphthalene
Concen: 1.703 ng/ul
RT: 10.782 min Scan# 1785
Delta R.T. 0.000 min
Lab File: BM037089.D
Acq: 15 Oct 2022 12:48

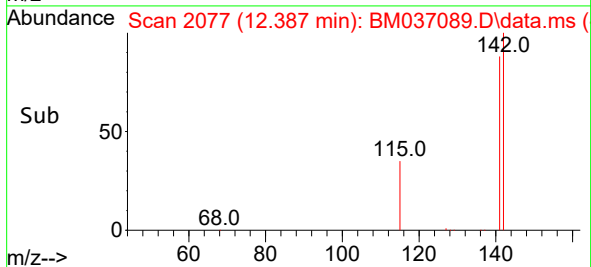
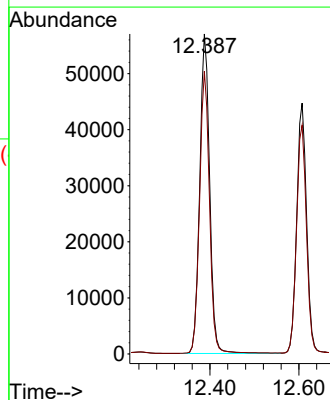
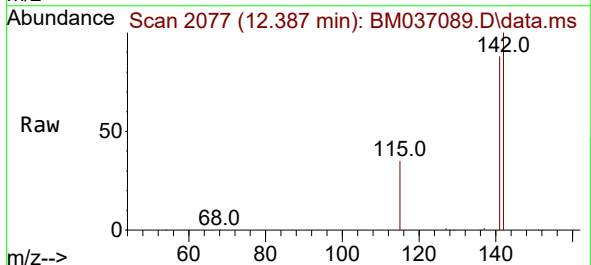
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BNA_M
ClientSampleId :
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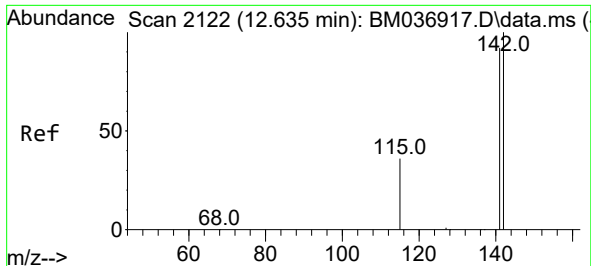
Tgt Ion:128 Resp: 122864
Ion Ratio Lower Upper
128 100
129 11.1 10.2 15.2
127 12.5 11.7 17.5



#7
2-Methylnaphthalene
Concen: 1.996 ng/ul
RT: 12.387 min Scan# 2077
Delta R.T. -0.005 min
Lab File: BM037089.D
Acq: 15 Oct 2022 12:48

Tgt Ion:142 Resp: 88089
Ion Ratio Lower Upper
142 100
141 88.5 77.4 116.0

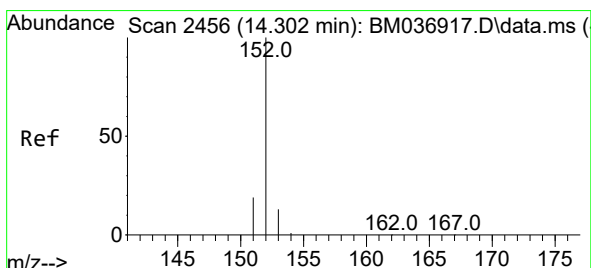
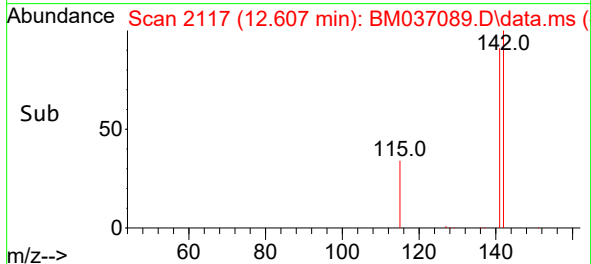
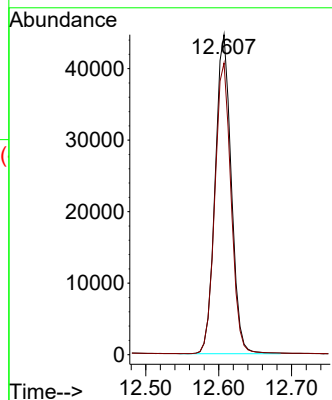
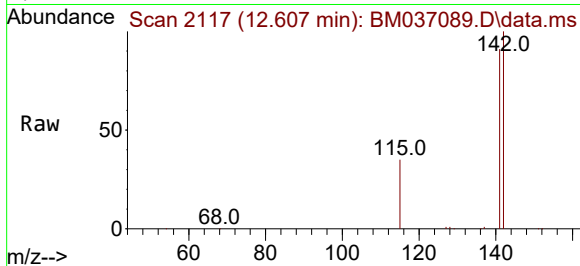




#8
1-Methylnaphthalene
Concen: 1.526 ng/ul
RT: 12.607 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BM037089.D
Acq: 15 Oct 2022 12:48

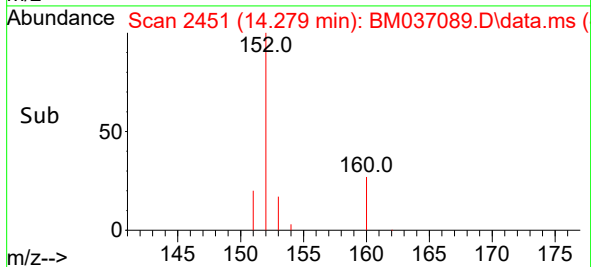
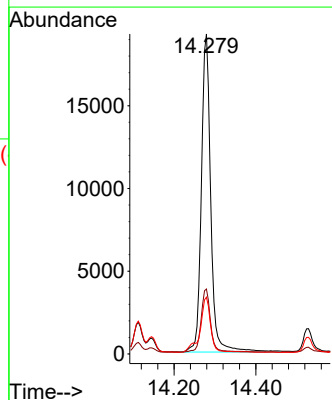
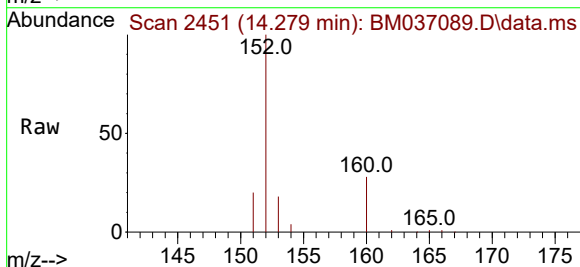
Instrument :
BNA_M
ClientSampleId :
COBL8DL

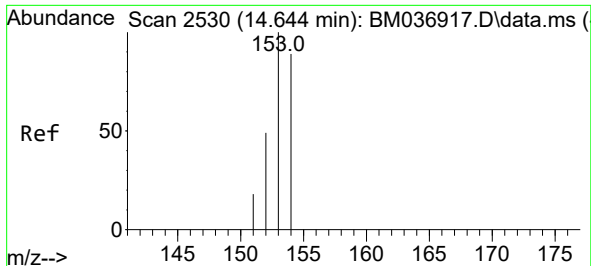
Tgt Ion:142 Resp: 68395
Ion Ratio Lower Upper
142 100
141 91.7 74.1 111.1



#10
Acenaphthylene
Concen: 0.539 ng/ul
RT: 14.279 min Scan# 2451
Delta R.T. 0.000 min
Lab File: BM037089.D
Acq: 15 Oct 2022 12:48

Tgt Ion:152 Resp: 30603
Ion Ratio Lower Upper
152 100
151 20.3 16.6 24.8
153 17.8 11.4 17.0#

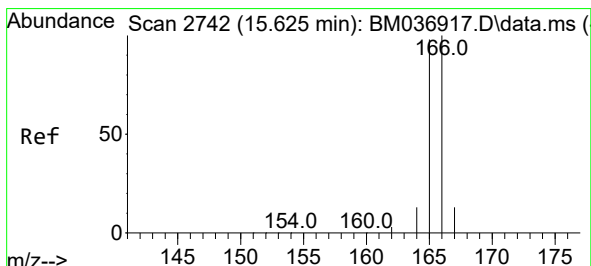
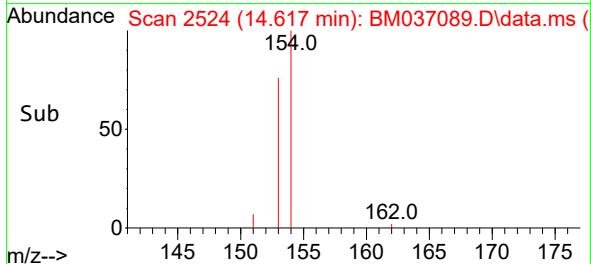
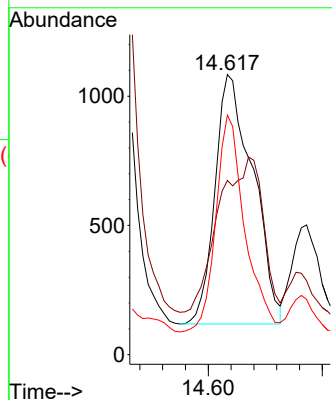
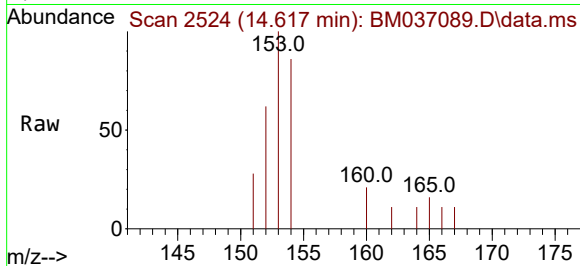




#11
Acenaphthene
Concen: 0.045 ng/ul
RT: 14.617 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM037089.D
Acq: 15 Oct 2022 12:48

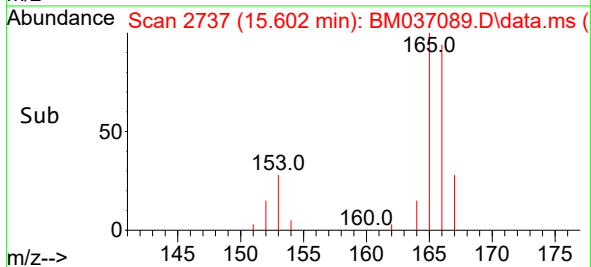
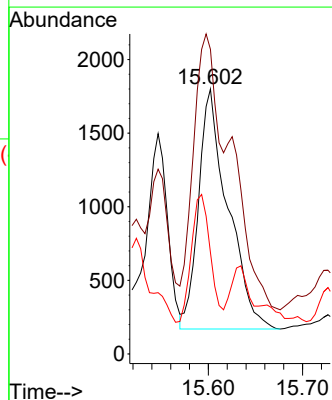
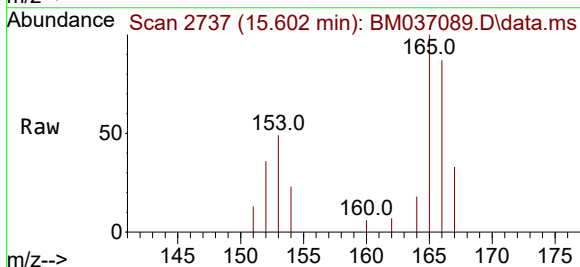
Instrument :
BNA_M
ClientSampleId :
C0BL8DL

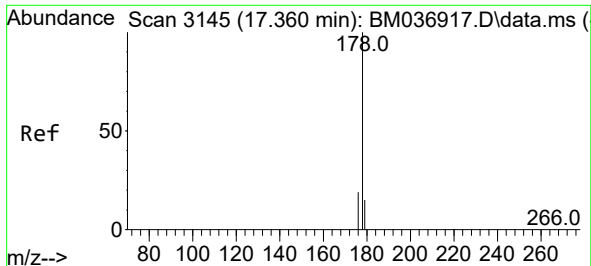
Tgt Ion:153 Resp: 2224
Ion Ratio Lower Upper
153 100
152 62.2 40.2 60.4#
154 85.5 69.7 104.5



#12
Fluorene
Concen: 0.063 ng/ul
RT: 15.602 min Scan# 2737
Delta R.T. 0.000 min
Lab File: BM037089.D
Acq: 15 Oct 2022 12:48

Tgt Ion:166 Resp: 3525
Ion Ratio Lower Upper
166 100
165 115.0 78.9 118.3
167 38.3 11.3 16.9#

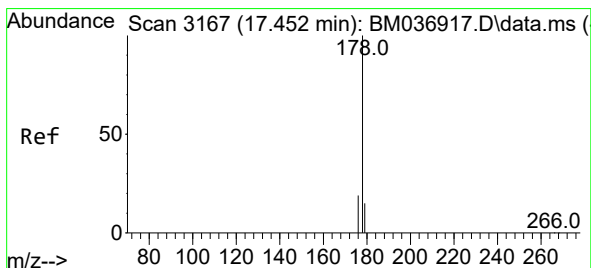
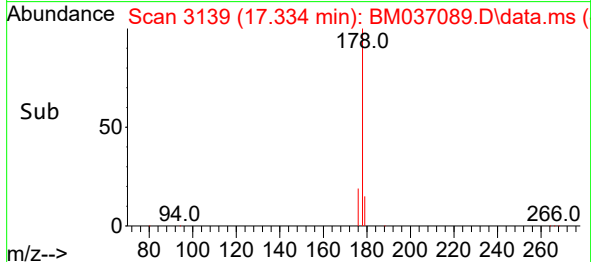
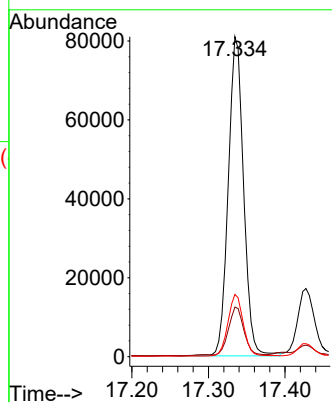
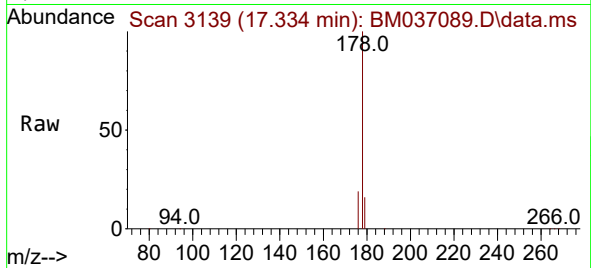




#15
Phenanthrene
Concen: 1.314 ng/ul
RT: 17.334 min Scan# 3145
Delta R.T. -0.004 min
Lab File: BM037089.D
Acq: 15 Oct 2022 12:48

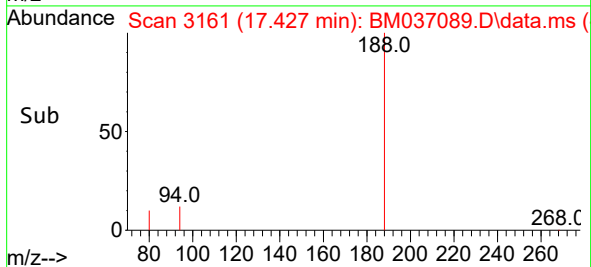
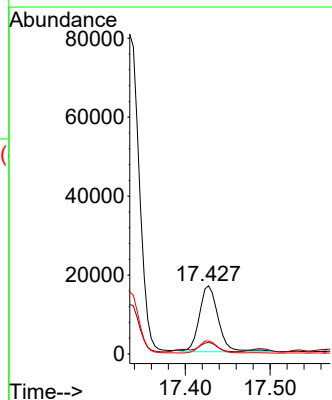
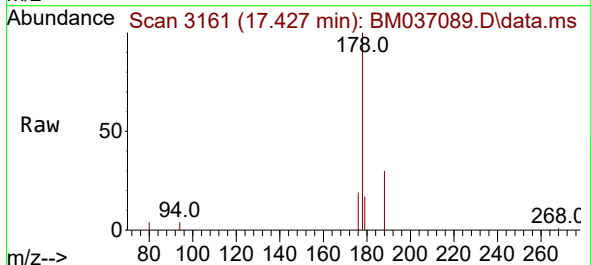
Instrument :
BNA_M
ClientSampleId :
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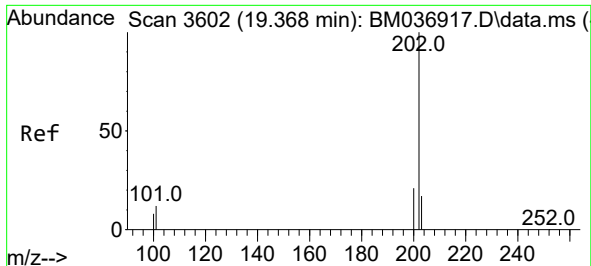
Tgt Ion:178 Resp: 112551
Ion Ratio Lower Upper
178 100
179 15.5 13.0 19.6
176 19.4 15.6 23.4



#16
Anthracene
Concen: 0.364 ng/ul
RT: 17.427 min Scan# 3161
Delta R.T. -0.004 min
Lab File: BM037089.D
Acq: 15 Oct 2022 12:48

Tgt Ion:178 Resp: 26044
Ion Ratio Lower Upper
178 100
179 17.0 13.6 20.4
176 19.1 15.6 23.4

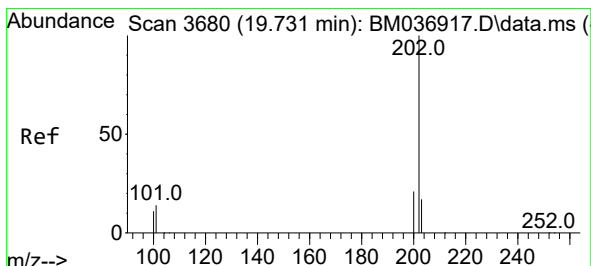
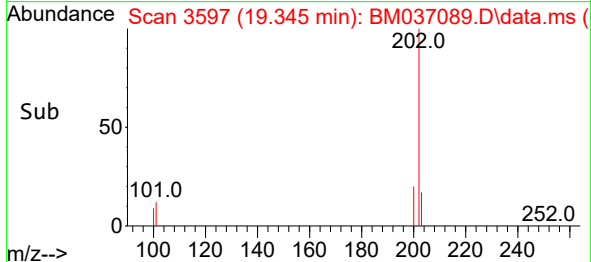
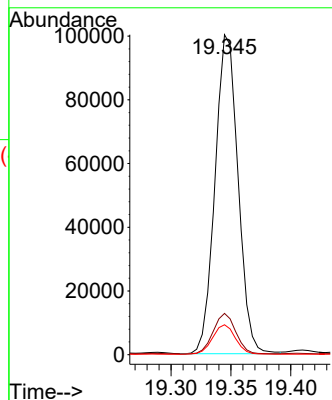
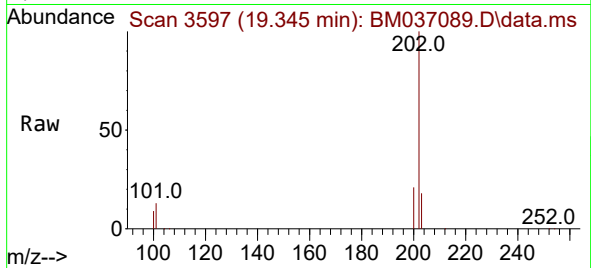




#19
Fluoranthene
Concen: 1.910 ng/ul
RT: 19.345 min Scan# 31
Delta R.T. -0.005 min
Lab File: BM037089.D
Acq: 15 Oct 2022 12:48

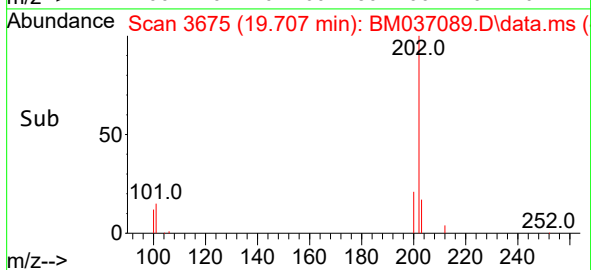
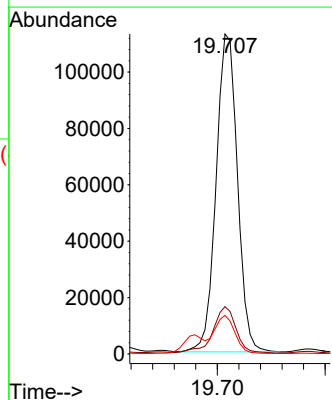
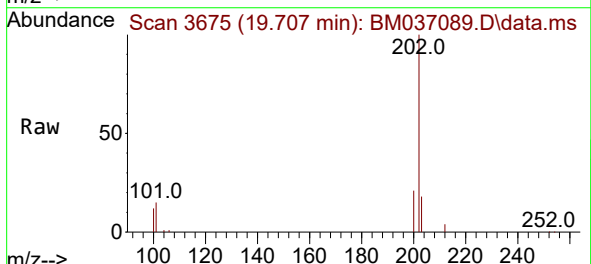
Instrument :
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ClientSampleId :
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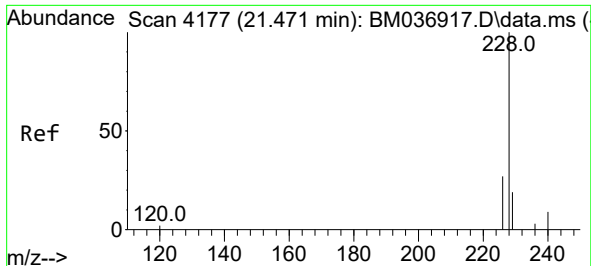
Tgt Ion:202 Resp: 133882
Ion Ratio Lower Upper
202 100
101 12.9 10.1 15.1
100 9.3 7.9 11.9



#20
Pyrene
Concen: 2.123 ng/ul
RT: 19.707 min Scan# 3675
Delta R.T. -0.000 min
Lab File: BM037089.D
Acq: 15 Oct 2022 12:48

Tgt Ion:202 Resp: 155203
Ion Ratio Lower Upper
202 100
101 14.8 12.0 18.0
100 12.0 9.8 14.6

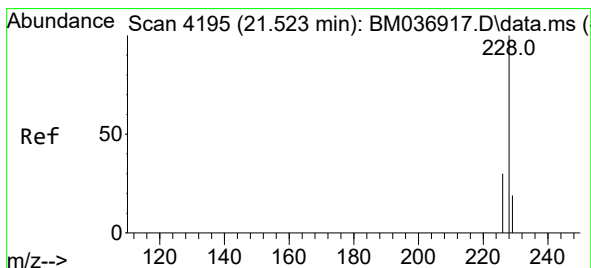
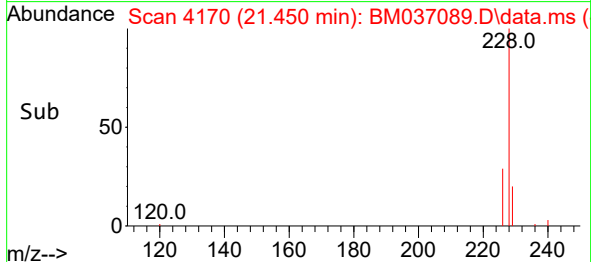
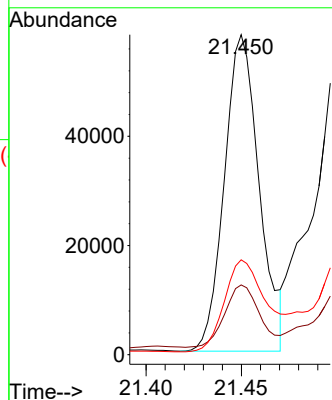
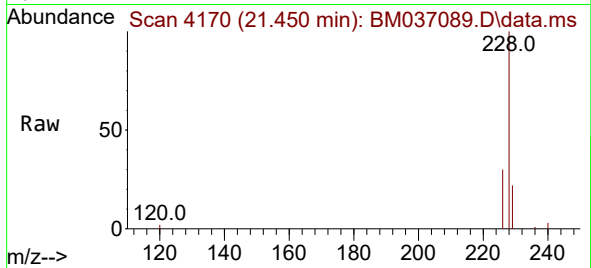




#21
Benzo(a)anthracene
Concen: 1.157 ng/ul
RT: 21.450 min Scan# 4177
Delta R.T. -0.000 min
Lab File: BM037089.D
Acq: 15 Oct 2022 12:48

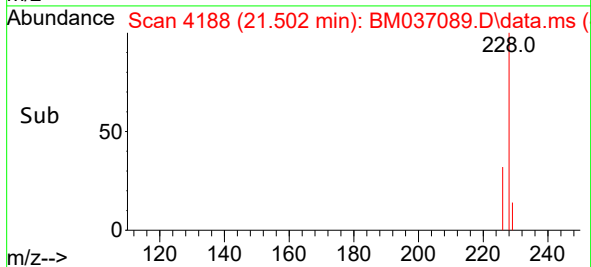
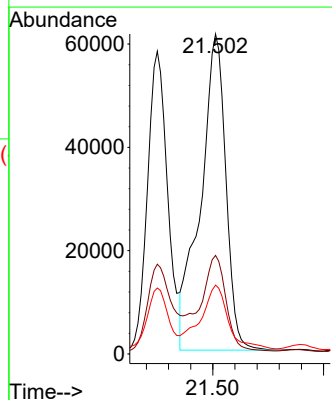
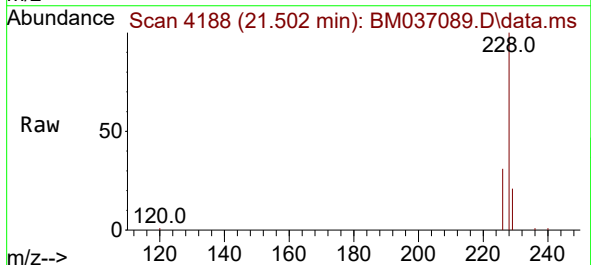
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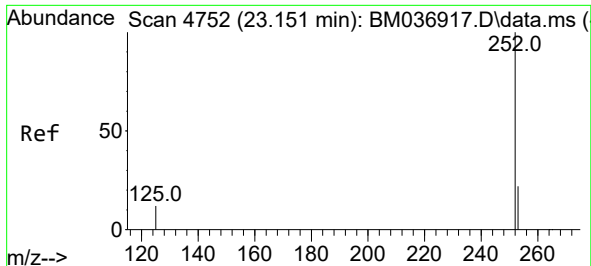
Tgt Ion:228 Resp: 73641
Ion Ratio Lower Upper
228 100
229 21.8 16.2 24.2
226 29.7 22.5 33.7



#22
Chrysene
Concen: 1.423 ng/ul
RT: 21.502 min Scan# 4188
Delta R.T. -0.000 min
Lab File: BM037089.D
Acq: 15 Oct 2022 12:48

Tgt Ion:228 Resp: 97249
Ion Ratio Lower Upper
228 100
226 30.8 24.6 37.0
229 21.5 16.4 24.6

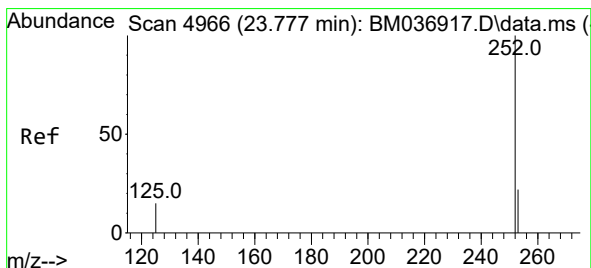
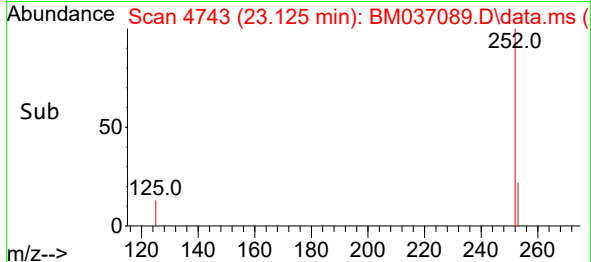
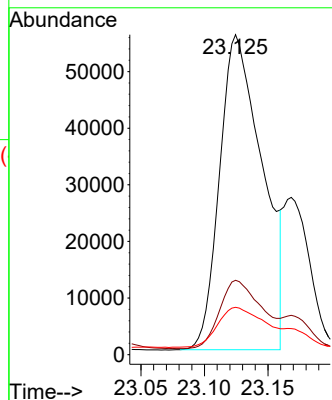
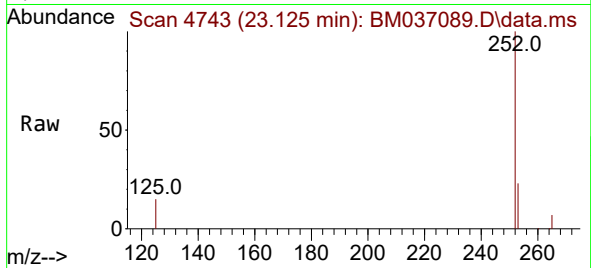




#24
Benzo(b)fluoranthene
Concen: 2.123 ng/ul
RT: 23.125 min Scan# 41
Delta R.T. 0.003 min
Lab File: BM037089.D
Acq: 15 Oct 2022 12:48

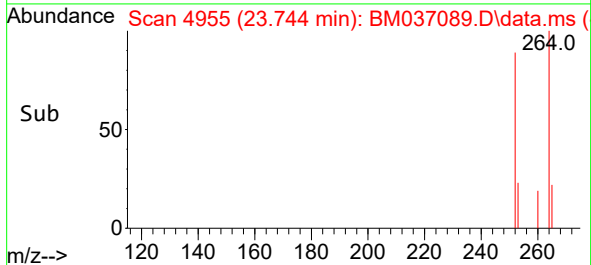
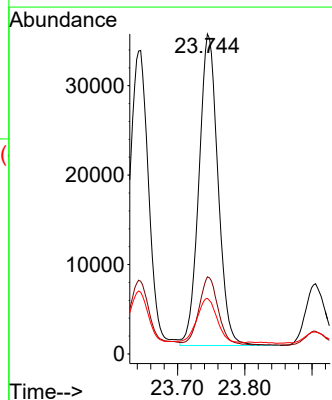
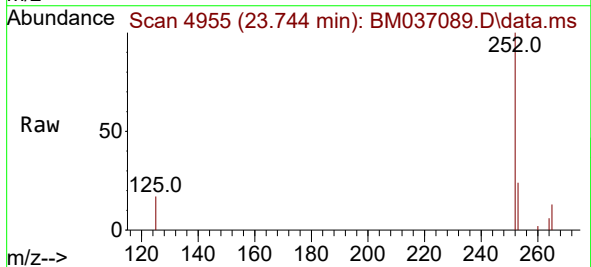
Instrument :
BNA_M
ClientSampleId :
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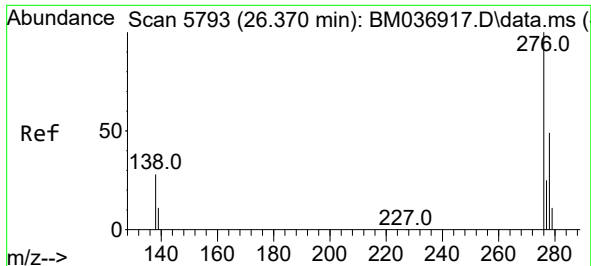
Tgt Ion:252 Resp: 130185
Ion Ratio Lower Upper
252 100
253 23.3 0.0 61.4
125 14.8 0.0 42.6



#26
Benzo(a)pyrene
Concen: 1.373 ng/ul
RT: 23.744 min Scan# 4955
Delta R.T. -0.000 min
Lab File: BM037089.D
Acq: 15 Oct 2022 12:48

Tgt Ion:252 Resp: 68340
Ion Ratio Lower Upper
252 100
253 24.1 29.7 44.5#
125 17.4 23.6 35.4#

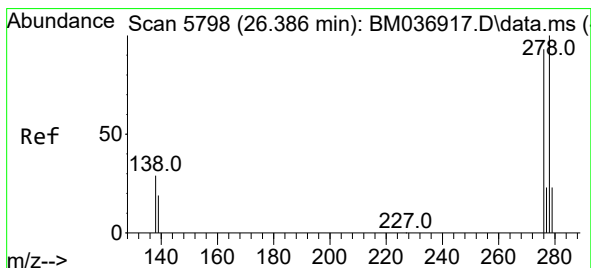
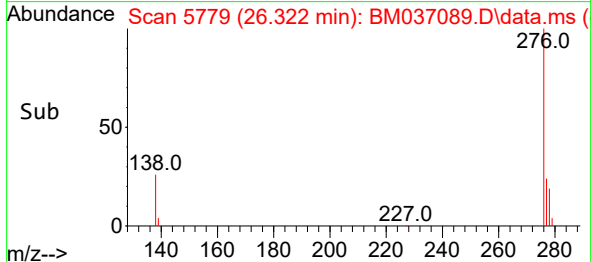
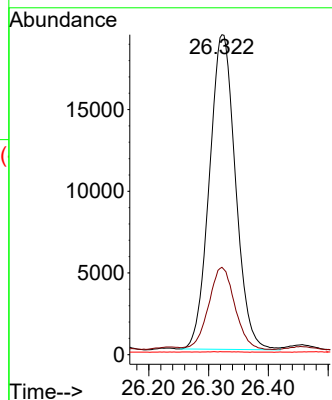
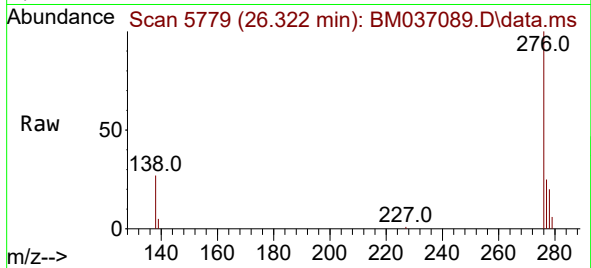




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.828 ng/ul
 RT: 26.322 min Scan# 51
 Delta R.T. -0.004 min
 Lab File: BM037089.D
 Acq: 15 Oct 2022 12:48

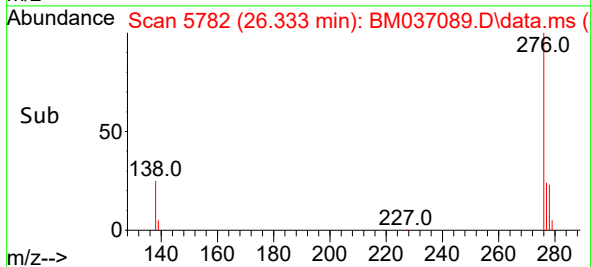
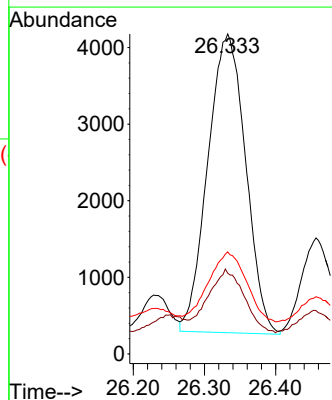
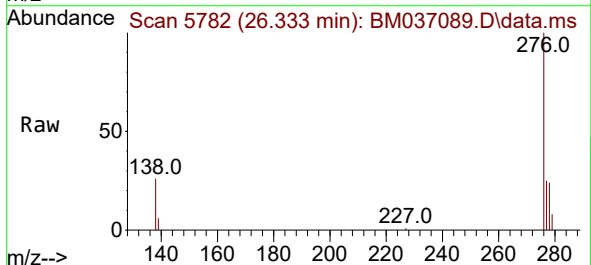
Instrument :
 BNA_M
 ClientSampleId :
 COBL8DL

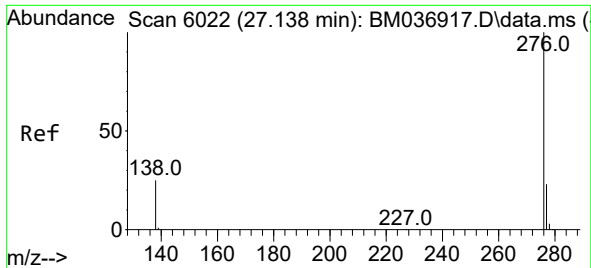
Tgt Ion:276 Resp: 58379
 Ion Ratio Lower Upper
 276 100
 138 26.5 23.9 35.9
 227 0.1 0.1 0.1



#28
 Dibenzo(a,h)anthracene
 Concen: 0.252 ng/ul
 RT: 26.333 min Scan# 5782
 Delta R.T. -0.010 min
 Lab File: BM037089.D
 Acq: 15 Oct 2022 12:48

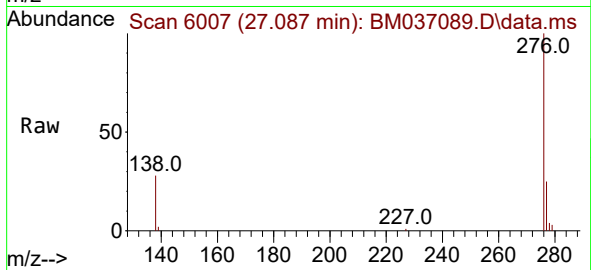
Tgt Ion:278 Resp: 14381
 Ion Ratio Lower Upper
 278 100
 139 25.3 19.8 29.6
 279 31.9 27.7 41.5





#29
 Benzo(g,h,i)perylene
 Concen: 0.802 ng/ul
 RT: 27.087 min Scan# 60
 Delta R.T. -0.000 min
 Lab File: BM037089.D
 Acq: 15 Oct 2022 12:48

Instrument :
 BNA_M
 ClientSampleId :
 C0BL8DL



Tgt Ion:276 Resp: 49798
 Ion Ratio Lower Upper
 276 100
 138 27.7 23.4 35.0
 277 24.5 21.0 31.4

