

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101722\
 Data File : BM037112.D
 Acq On : 17 Oct 2022 14:39
 Operator : CG/JU
 Sample : N4984-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGNB4

Quant Time: Oct 17 23:54:37 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

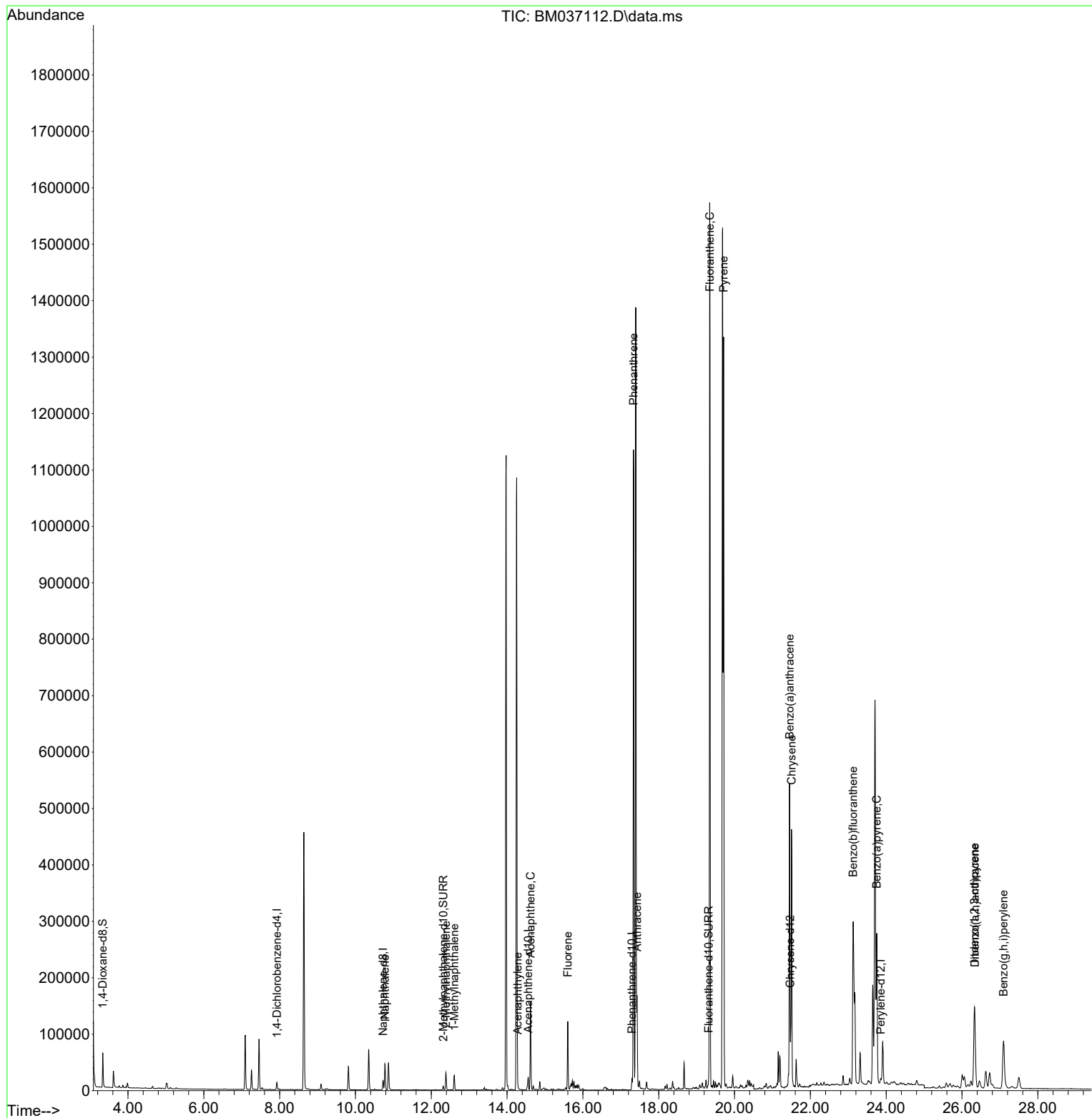
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.926	152	6240	0.400	ng/ul	0.00
4) Naphthalene-d8	10.727	136	22644	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.557	164	12257	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.292	188	23217	0.400	ng/ul	0.00
17) Chrysene-d12	21.468	240	13779	0.400	ng/ul	0.00
23) Perylene-d12	23.856	264	12042	0.400	ng/ul #	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.336	96	37369	4.246	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.316	152	9115	0.267	ng/ul	0.00
18) Fluoranthene-d10	19.317	212	17030	0.413	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.776	128	61548	0.951	ng/ul	96
7) 2-Methylnaphthalene	12.387	142	21757	0.549	ng/ul	92
8) 1-Methylnaphthalene	12.607	142	17784	0.442	ng/ul	99
10) Acenaphthylene	14.279	152	10029	0.197	ng/ul#	95
11) Acenaphthene	14.617	153	85181	1.927	ng/ul	99
12) Fluorene	15.602	166	72912	1.455	ng/ul	99
15) Phenanthrene	17.334	178	1165344	15.723	ng/ul	99
16) Anthracene	17.427	178	162362	2.621	ng/ul	98
19) Fluoranthene	19.345	202	1276010	23.283	ng/ul	98
20) Pyrene	19.712	202	1052530	18.416	ng/ul	97
21) Benzo(a)anthracene	21.450	228	452735	9.094	ng/ul	99
22) Chrysene	21.503	228	428695	8.021	ng/ul	98
24) Benzo(b)fluoranthene	23.128	252	528842	9.831	ng/ul	86
26) Benzo(a)pyrene	23.751	252	375614	8.606	ng/ul#	75
27) Indeno(1,2,3-cd)pyrene	26.330	276	239293	3.870	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.336	278	55795	1.117	ng/ul	92
29) Benzo(g,h,i)perylene	27.094	276	182272	3.345	ng/ul	97

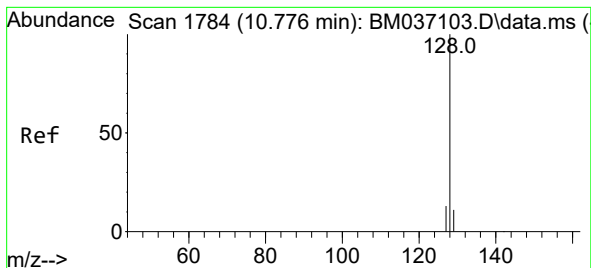
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.951 ng/ul

RT: 10.776 min Scan# 1

Delta R.T. -0.005 min

Lab File: BM037112.D

Acq: 17 Oct 2022 14:39

Instrument :

BNA_M

ClientSampleId :

BGNB4

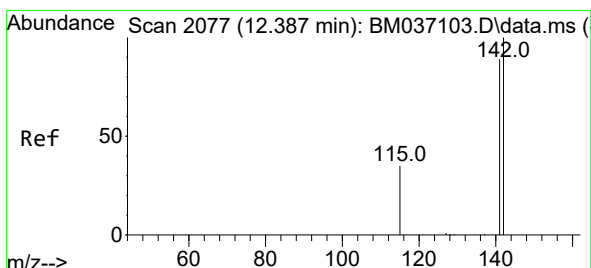
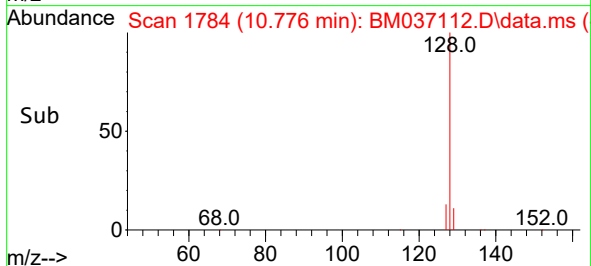
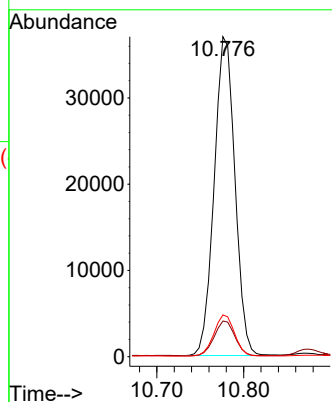
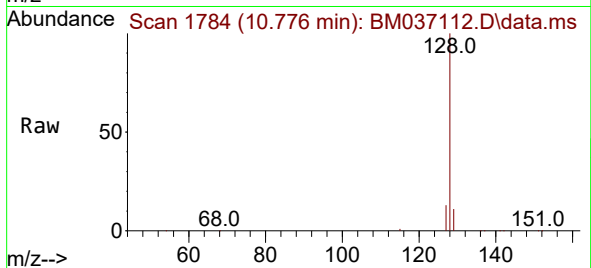
Tgt Ion:128 Resp: 61548

Ion Ratio Lower Upper

128 100

129 11.2 10.2 15.2

127 13.1 11.7 17.5



#7

2-Methylnaphthalene

Concen: 0.549 ng/ul

RT: 12.387 min Scan# 2077

Delta R.T. -0.005 min

Lab File: BM037112.D

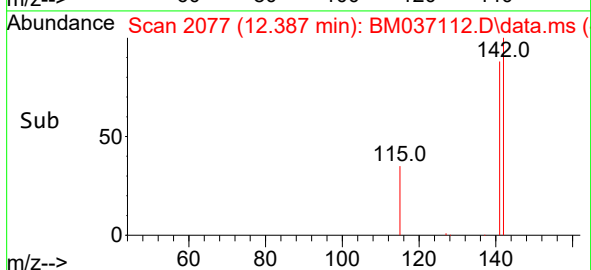
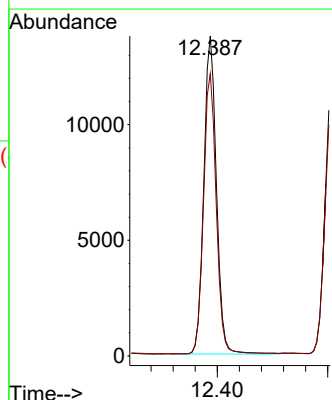
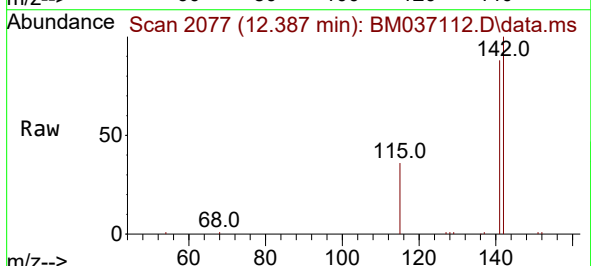
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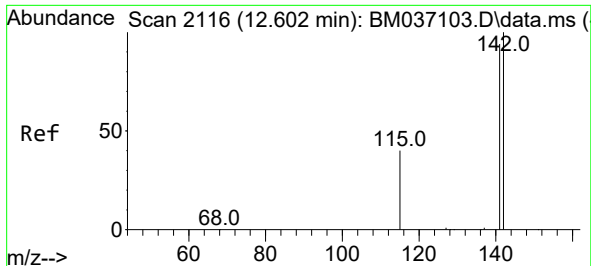
Tgt Ion:142 Resp: 21757

Ion Ratio Lower Upper

142 100

141 89.0 77.4 116.0

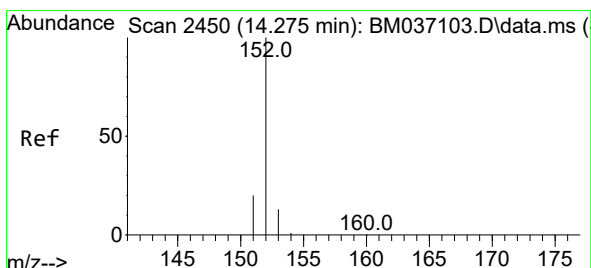
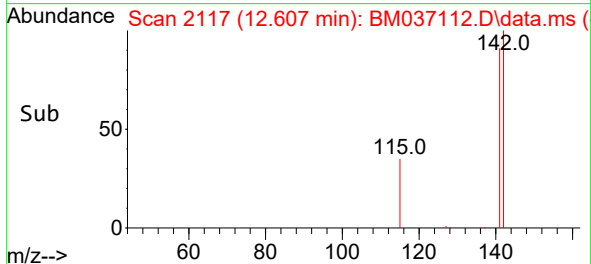
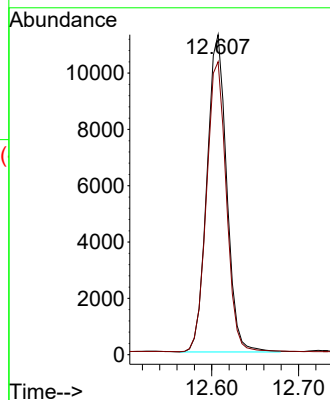
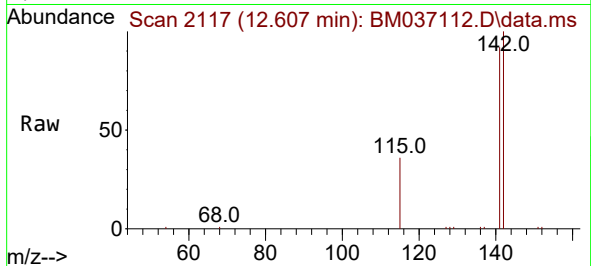




#8
1-Methylnaphthalene
Concen: 0.442 ng/ul
RT: 12.607 min Scan# 2116
Delta R.T. 0.000 min
Lab File: BM037112.D
Acq: 17 Oct 2022 14:39

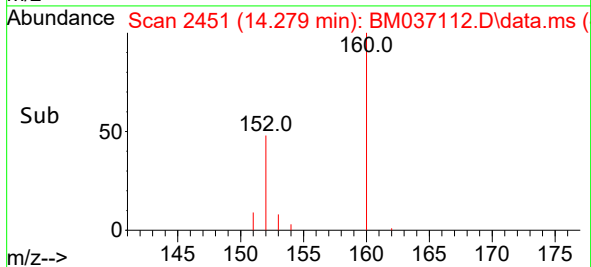
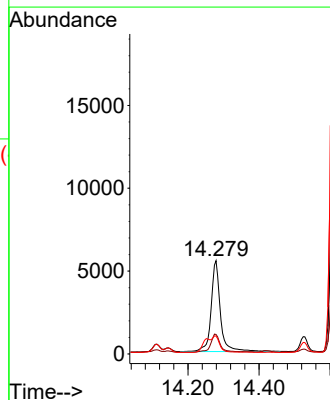
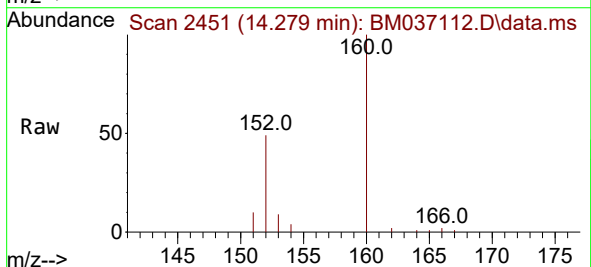
Instrument :
BNA_M
ClientSampleId :
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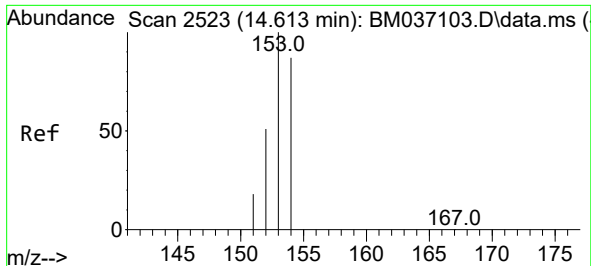
Tgt Ion:142 Resp: 17784
Ion Ratio Lower Upper
142 100
141 91.4 74.1 111.1



#10
Acenaphthylene
Concen: 0.197 ng/ul
RT: 14.279 min Scan# 2451
Delta R.T. 0.000 min
Lab File: BM037112.D
Acq: 17 Oct 2022 14:39

Tgt Ion:152 Resp: 10029
Ion Ratio Lower Upper
152 100
151 21.0 16.6 24.8
153 19.2 11.4 17.0#

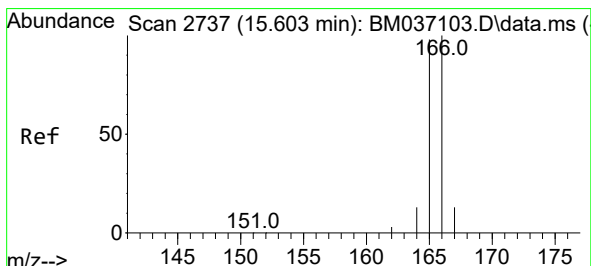
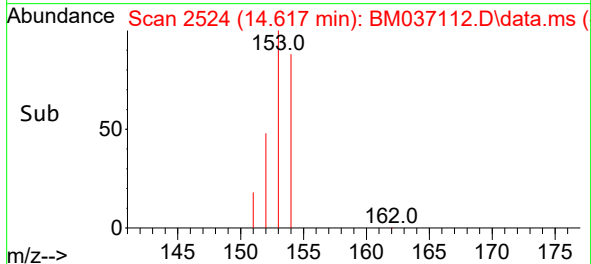
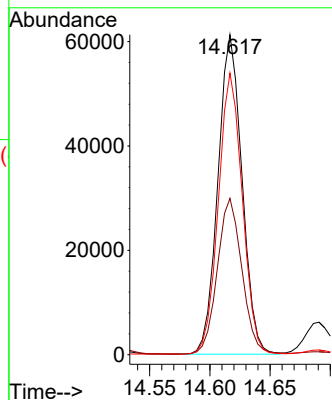
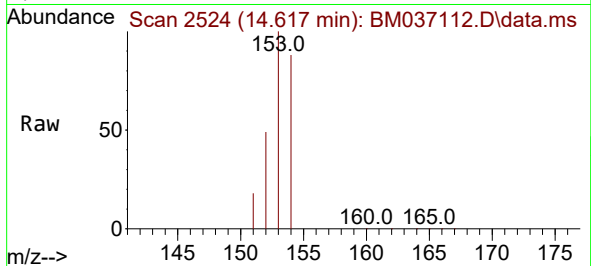




#11
Acenaphthene
Concen: 1.927 ng/ul
RT: 14.617 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM037112.D
Acq: 17 Oct 2022 14:39

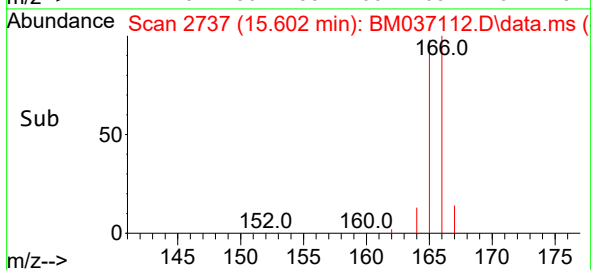
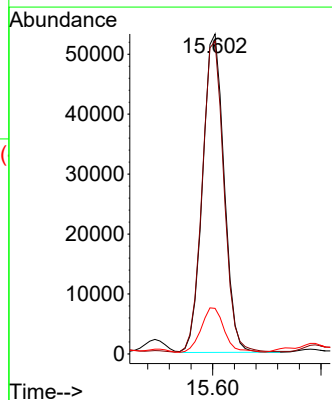
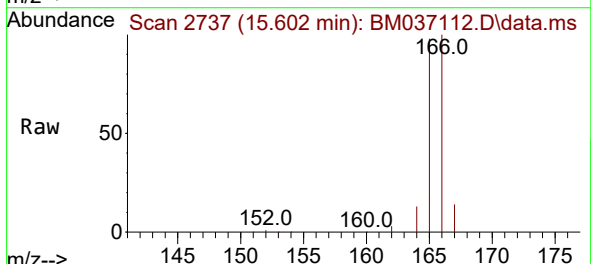
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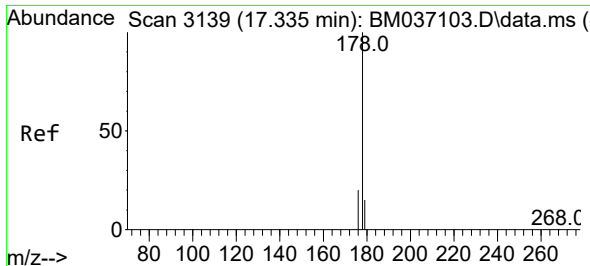
Tgt Ion:153 Resp: 85181
Ion Ratio Lower Upper
153 100
152 48.8 40.2 60.4
154 88.0 69.7 104.5



#12
Fluorene
Concen: 1.455 ng/ul
RT: 15.602 min Scan# 2737
Delta R.T. 0.000 min
Lab File: BM037112.D
Acq: 17 Oct 2022 14:39

Tgt Ion:166 Resp: 72912
Ion Ratio Lower Upper
166 100
165 97.7 78.9 118.3
167 14.2 11.3 16.9

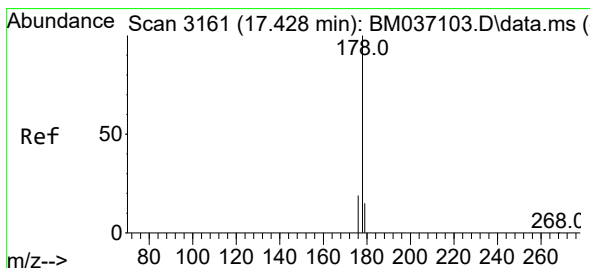
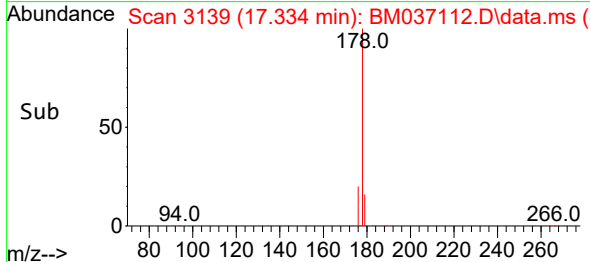
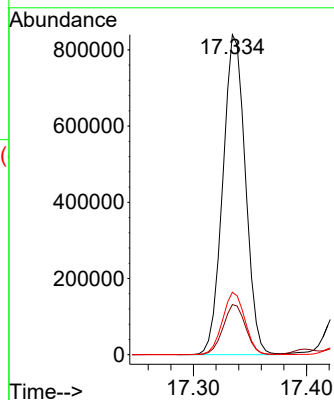
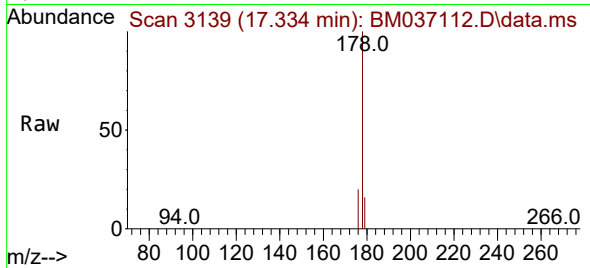




#15
Phenanthrene
Concen: 15.723 ng/ul
RT: 17.334 min Scan# 3139
Delta R.T. -0.004 min
Lab File: BM037112.D
Acq: 17 Oct 2022 14:39

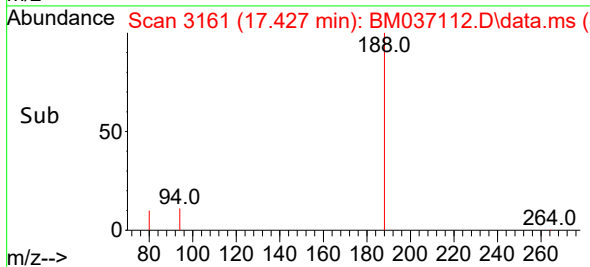
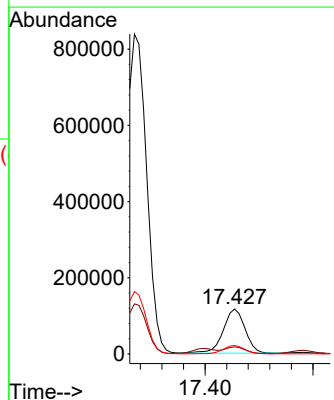
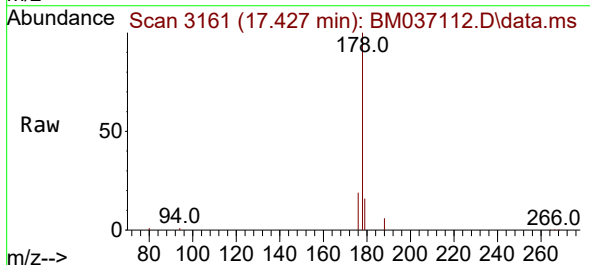
Instrument :
BNA_M
ClientSampleId :
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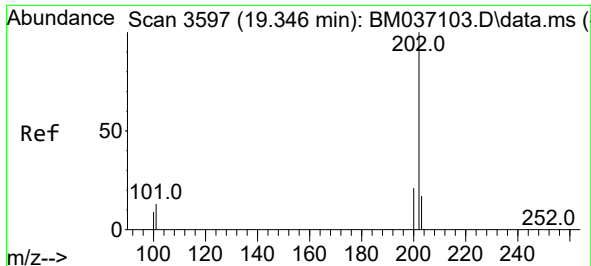
Tgt Ion:178 Resp: 1165344
Ion Ratio Lower Upper
178 100
179 15.6 13.0 19.6
176 19.5 15.6 23.4



#16
Anthracene
Concen: 2.621 ng/ul
RT: 17.427 min Scan# 3161
Delta R.T. -0.004 min
Lab File: BM037112.D
Acq: 17 Oct 2022 14:39

Tgt Ion:178 Resp: 162362
Ion Ratio Lower Upper
178 100
179 15.7 13.6 20.4
176 18.9 15.6 23.4

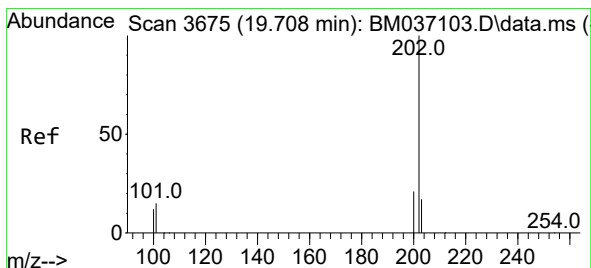
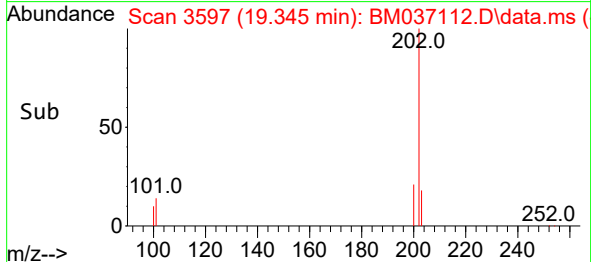
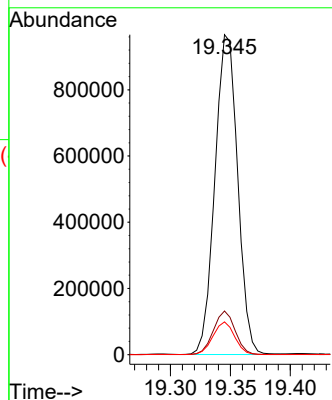
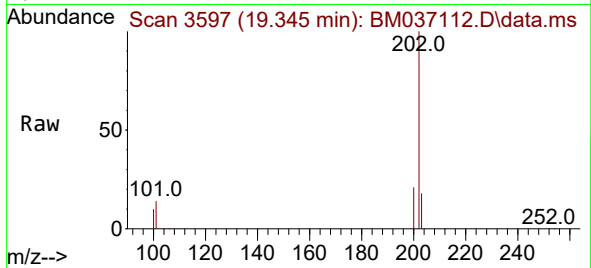




#19
Fluoranthene
Concen: 23.283 ng/ul
RT: 19.345 min Scan# 3597
Delta R.T. -0.005 min
Lab File: BM037112.D
Acq: 17 Oct 2022 14:39

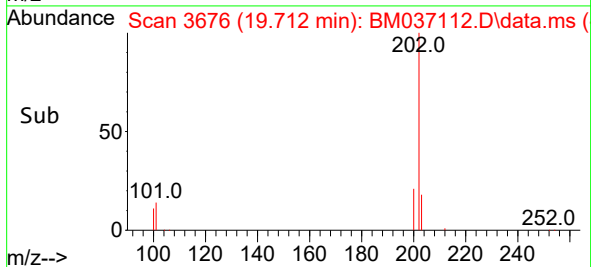
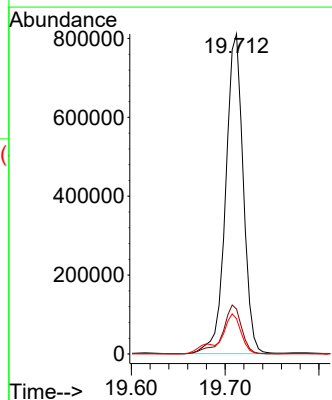
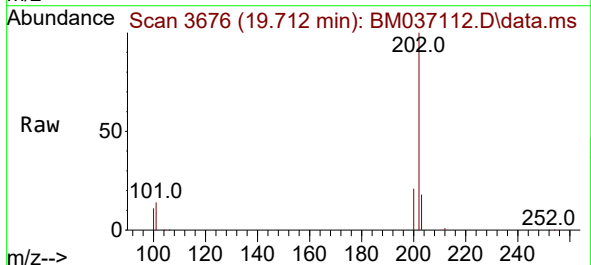
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ClientSampleId :
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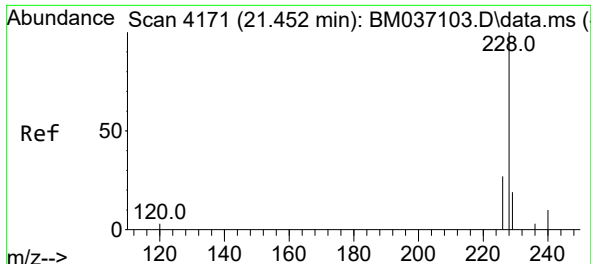
Tgt Ion:202 Resp: 1276010
Ion Ratio Lower Upper
202 100
101 13.6 10.1 15.1
100 10.2 7.9 11.9



#20
Pyrene
Concen: 18.416 ng/ul
RT: 19.712 min Scan# 3676
Delta R.T. 0.005 min
Lab File: BM037112.D
Acq: 17 Oct 2022 14:39

Tgt Ion:202 Resp: 1052530
Ion Ratio Lower Upper
202 100
101 14.0 12.0 18.0
100 11.0 9.8 14.6

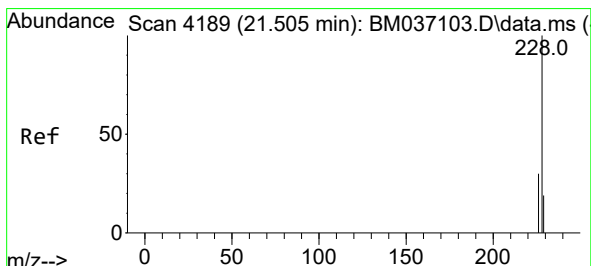
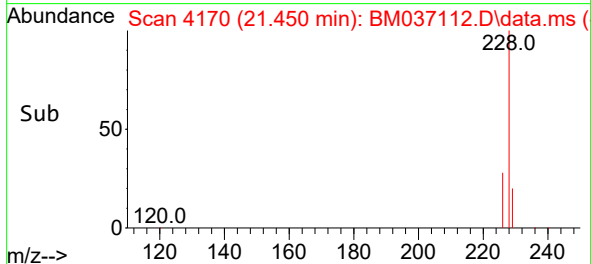
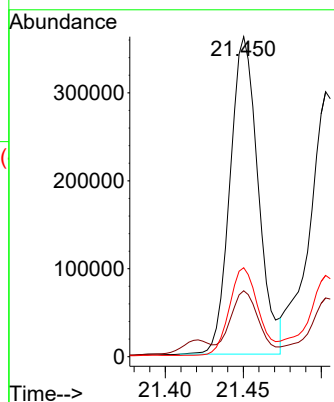
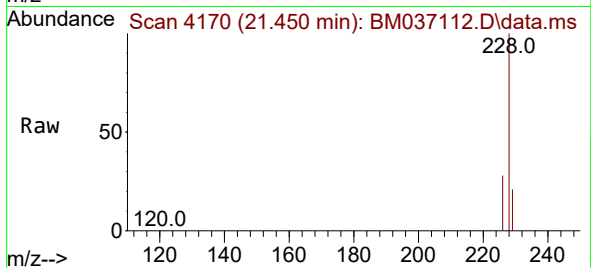




#21
Benzo(a)anthracene
Concen: 9.094 ng/ul
RT: 21.450 min Scan# 4170
Delta R.T. 0.000 min
Lab File: BM037112.D
Acq: 17 Oct 2022 14:39

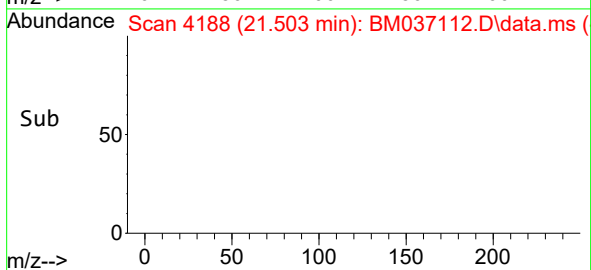
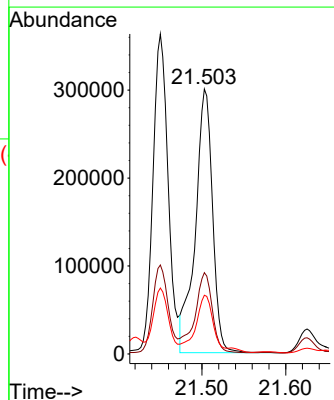
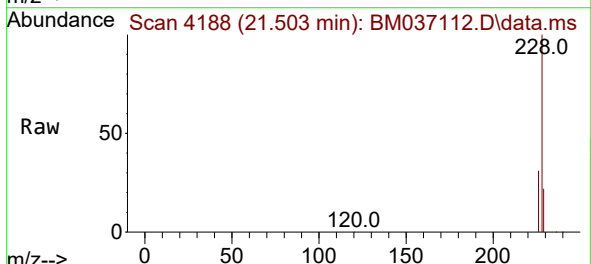
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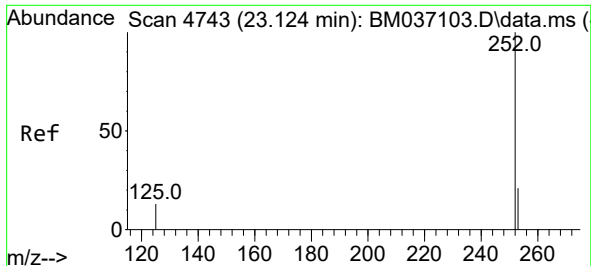
Tgt Ion:228 Resp: 452735
Ion Ratio Lower Upper
228 100
229 20.6 16.2 24.2
226 27.8 22.5 33.7



#22
Chrysene
Concen: 8.021 ng/ul
RT: 21.503 min Scan# 4188
Delta R.T. 0.000 min
Lab File: BM037112.D
Acq: 17 Oct 2022 14:39

Tgt Ion:228 Resp: 428695
Ion Ratio Lower Upper
228 100
226 30.7 24.6 37.0
229 22.2 16.4 24.6

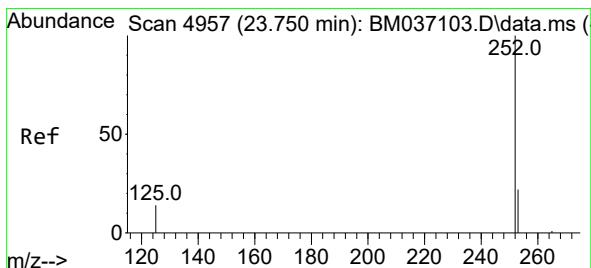
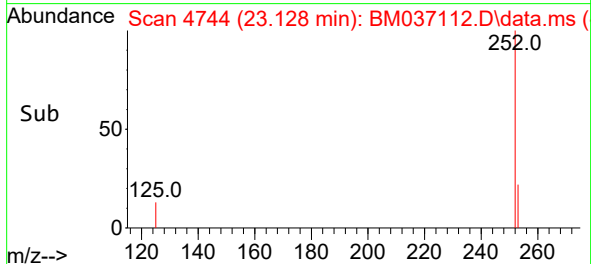
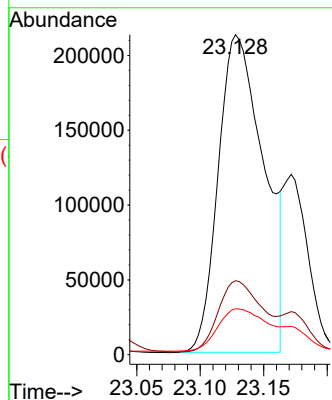
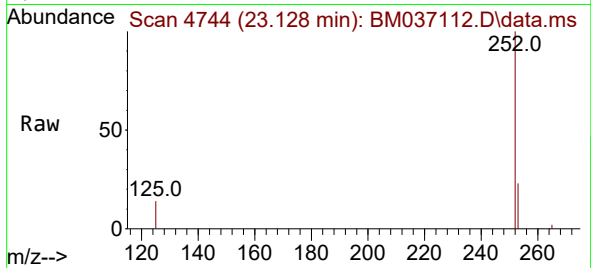




#24
Benzo(b)fluoranthene
Concen: 9.831 ng/ul
RT: 23.128 min Scan# 41
Delta R.T. 0.006 min
Lab File: BM037112.D
Acq: 17 Oct 2022 14:39

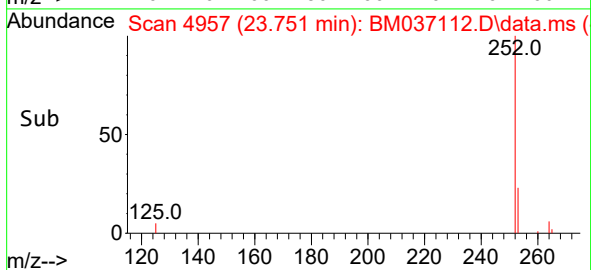
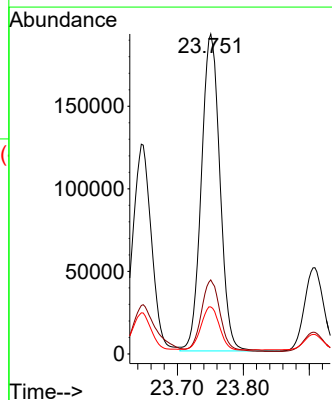
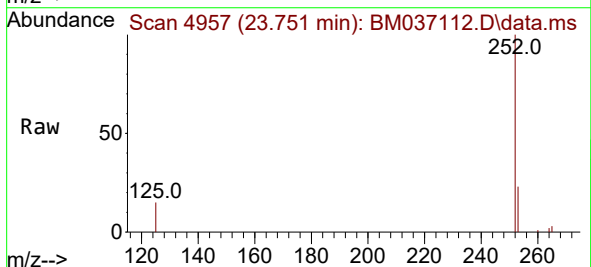
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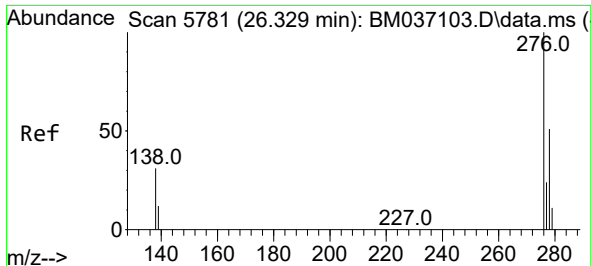
Tgt Ion:252 Resp: 528842
Ion Ratio Lower Upper
252 100
253 23.1 0.0 61.4
125 14.3 0.0 42.6



#26
Benzo(a)pyrene
Concen: 8.606 ng/ul
RT: 23.751 min Scan# 4957
Delta R.T. 0.006 min
Lab File: BM037112.D
Acq: 17 Oct 2022 14:39

Tgt Ion:252 Resp: 375614
Ion Ratio Lower Upper
252 100
253 23.2 29.7 44.5#
125 14.7 23.6 35.4#

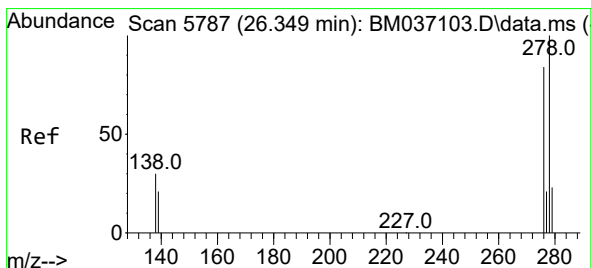
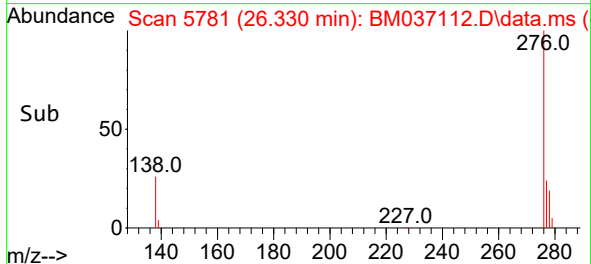
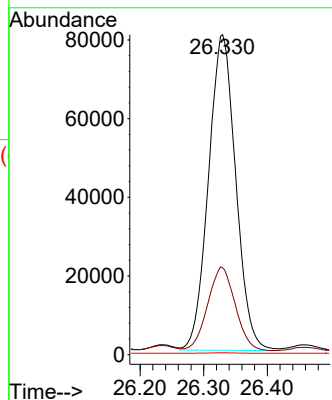
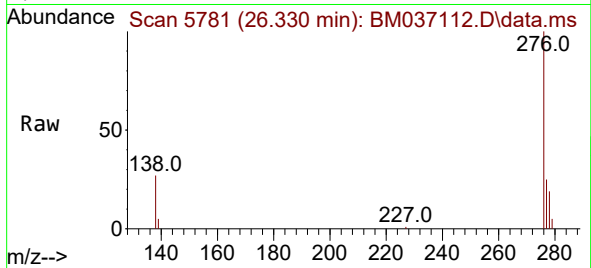




#27
Indeno(1,2,3-cd)pyrene
Concen: 3.870 ng/ul
RT: 26.330 min Scan# 5781
Delta R.T. 0.003 min
Lab File: BM037112.D
Acq: 17 Oct 2022 14:39

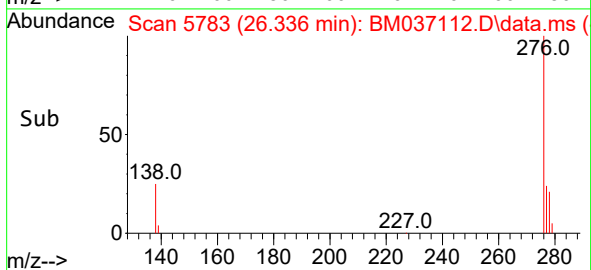
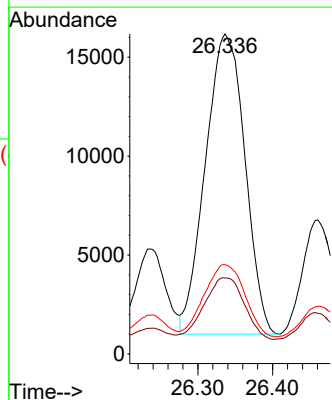
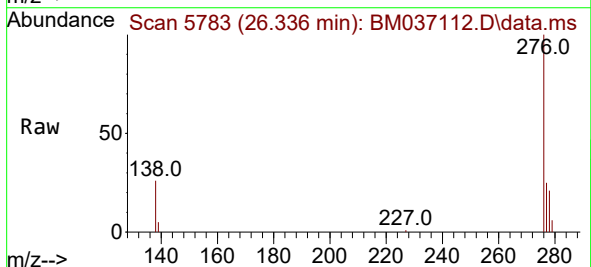
Instrument :
BNA_M
ClientSampleId :
BGNB4

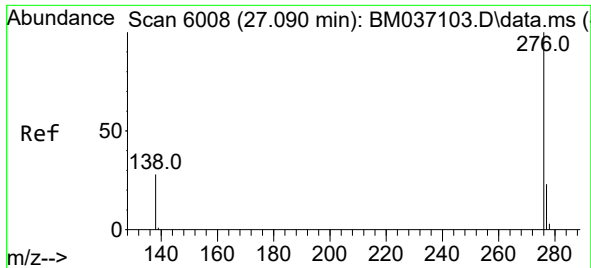
Tgt Ion:276 Resp: 239293
Ion Ratio Lower Upper
276 100
138 26.7 23.9 35.9
227 0.2 0.1 0.1#



#28
Dibenzo(a,h)anthracene
Concen: 1.117 ng/ul
RT: 26.336 min Scan# 5783
Delta R.T. -0.007 min
Lab File: BM037112.D
Acq: 17 Oct 2022 14:39

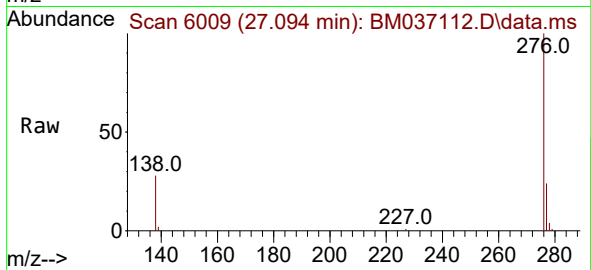
Tgt Ion:278 Resp: 55795
Ion Ratio Lower Upper
278 100
139 23.7 19.8 29.6
279 27.9 27.7 41.5





#29
Benzo(g,h,i)perylene
Concen: 3.345 ng/ul
RT: 27.094 min Scan# 6009
Delta R.T. 0.007 min
Lab File: BM037112.D
Acq: 17 Oct 2022 14:39

Instrument :
BNA_M
ClientSampleId :
BGNB4



Tgt Ion:276 Resp: 182272
Ion Ratio Lower Upper
276 100
138 28.2 23.4 35.0
277 24.3 21.0 31.4

