

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101322\
 Data File : BM037087.D
 Acq On : 15 Oct 2022 11:37
 Operator : CG/JU
 Sample : N5049-05DL 5X
 Misc :
 ALS Vial : 84 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BJ5DL

Quant Time: Oct 17 00:55:14 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

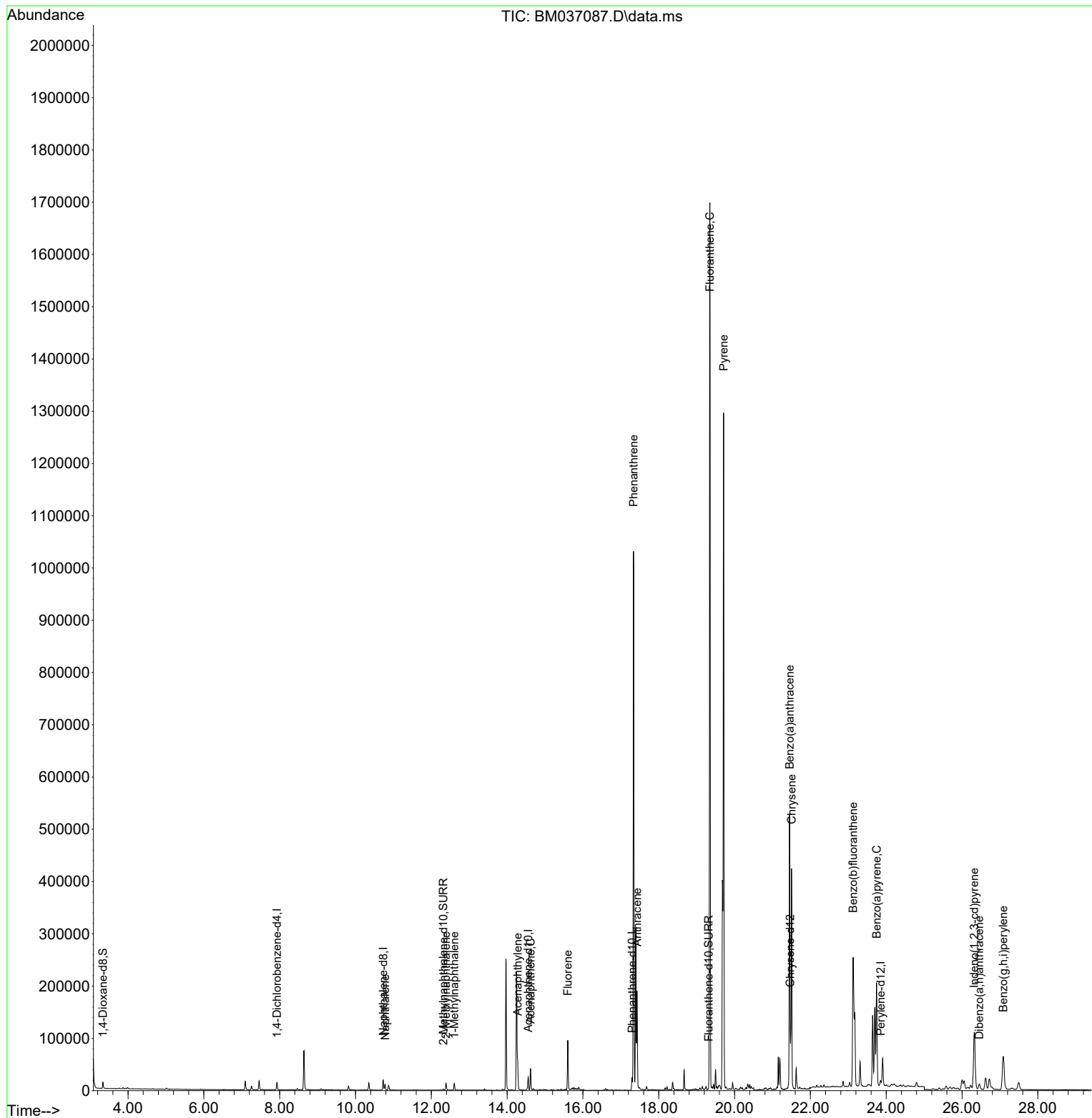
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.930	152	7305	0.400	ng/ul	0.00
4) Naphthalene-d8	10.732	136	25981	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.556	164	13803	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.296	188	27199	0.400	ng/ul	0.00
17) Chrysene-d12	21.468	240	17481	0.400	ng/ul	0.00
23) Perylene-d12	23.853	264	14650	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	8151	0.791	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.316	152	2252	0.057	ng/ul	0.00
18) Fluoranthene-d10	19.317	212	4177	0.080	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.781	128	15100	0.203	ng/ul	97
7) 2-Methylnaphthalene	12.387	142	9827	0.216	ng/ul	92
8) 1-Methylnaphthalene	12.607	142	8835	0.191	ng/ul	99
10) Acenaphthylene	14.279	152	63414	1.105	ng/ul	98
11) Acenaphthene	14.617	153	23318	0.468	ng/ul	100
12) Fluorene	15.602	166	57460	1.019	ng/ul	99
15) Phenanthrene	17.334	178	1076522	12.398	ng/ul	99
16) Anthracene	17.427	178	202958	2.797	ng/ul	98
19) Fluoranthene	19.350	202	1435305	20.643	ng/ul	97
20) Pyrene	19.712	202	1047556	14.447	ng/ul	97
21) Benzo(a)anthracene	21.450	228	439341	6.956	ng/ul	99
22) Chrysene	21.503	228	392446	5.787	ng/ul	99
24) Benzo(b)fluoranthene	23.128	252	448401	6.851	ng/ul	84
26) Benzo(a)pyrene	23.747	252	281183	5.295	ng/ul#	74
27) Indeno(1,2,3-cd)pyrene	26.323	276	186782	2.483	ng/ul#	93
28) Dibenzo(a,h)anthracene	26.457	278	15635	0.257	ng/ul	96
29) Benzo(g,h,i)perylene	27.087	276	144795	2.184	ng/ul	96

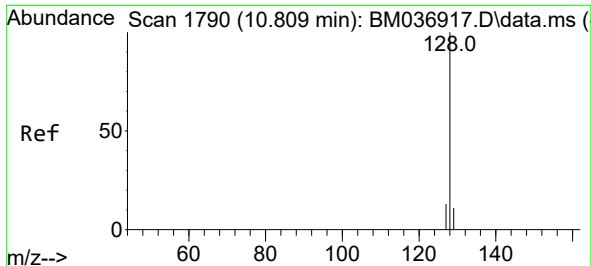
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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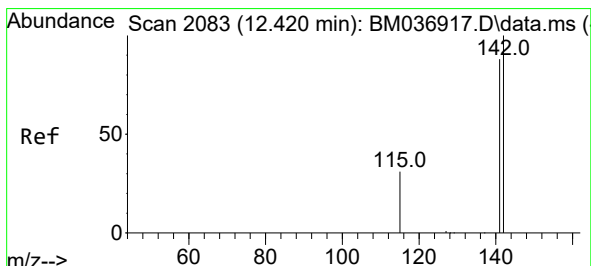
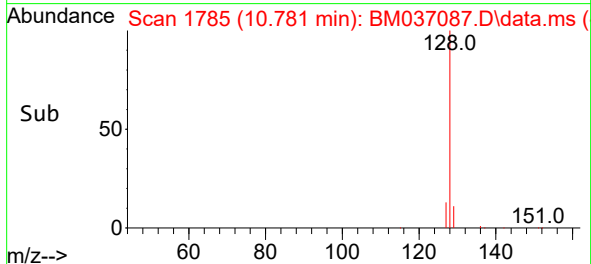
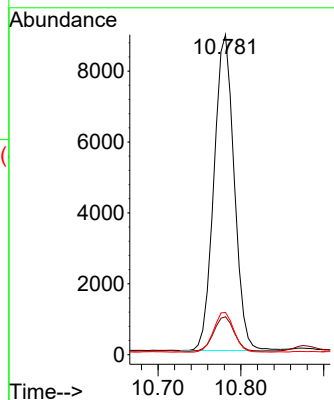
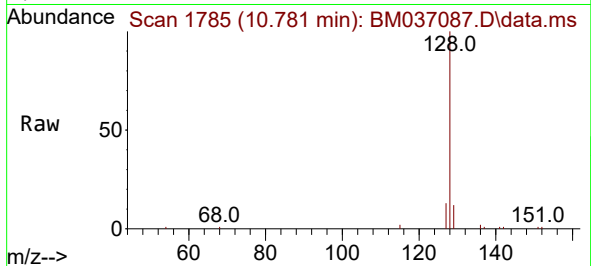




#5
Naphthalene
Concen: 0.203 ng/ul
RT: 10.781 min Scan# 1785
Delta R.T. 0.000 min
Lab File: BM037087.D
Acq: 15 Oct 2022 11:37

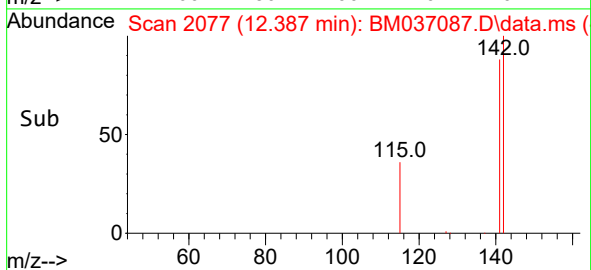
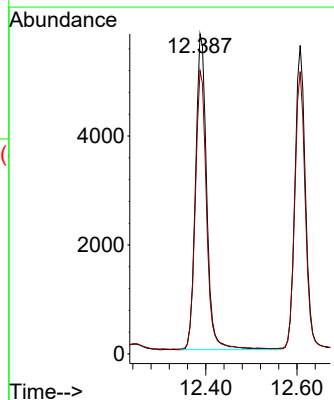
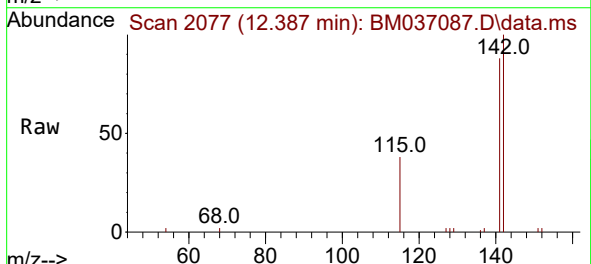
Instrument :
BNA_M
ClientSampleId :
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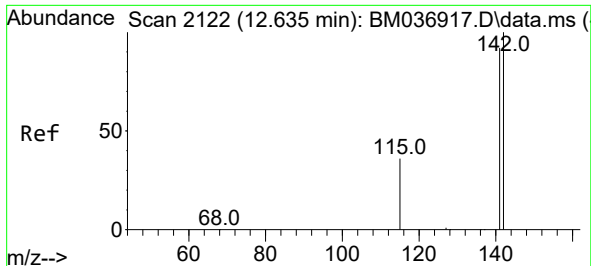
Tgt Ion:128 Resp: 15100
Ion Ratio Lower Upper
128 100
129 11.8 10.2 15.2
127 13.2 11.7 17.5



#7
2-Methylnaphthalene
Concen: 0.216 ng/ul
RT: 12.387 min Scan# 2077
Delta R.T. -0.005 min
Lab File: BM037087.D
Acq: 15 Oct 2022 11:37

Tgt Ion:142 Resp: 9827
Ion Ratio Lower Upper
142 100
141 88.6 77.4 116.0

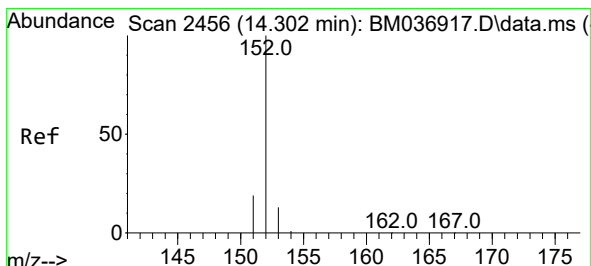
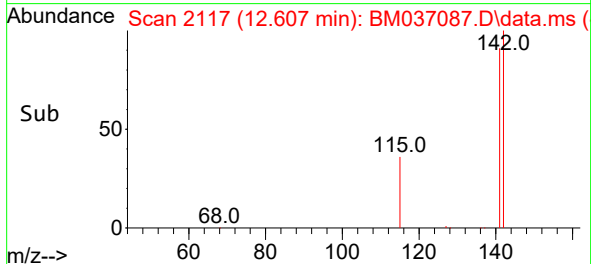
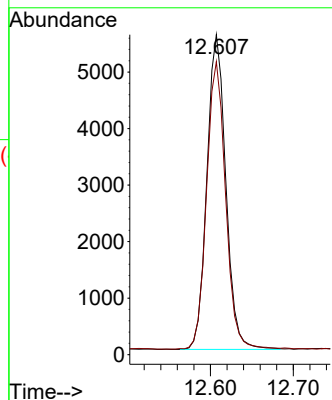
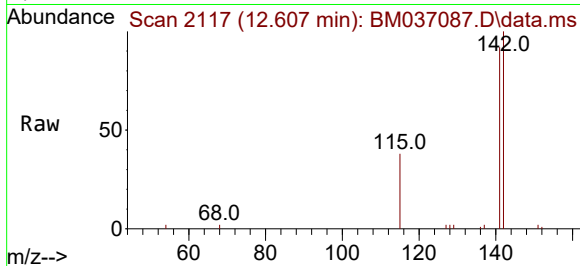




#8
1-Methylnaphthalene
Concen: 0.191 ng/ul
RT: 12.607 min Scan# 2117
Delta R.T. 0.000 min
Lab File: BM037087.D
Acq: 15 Oct 2022 11:37

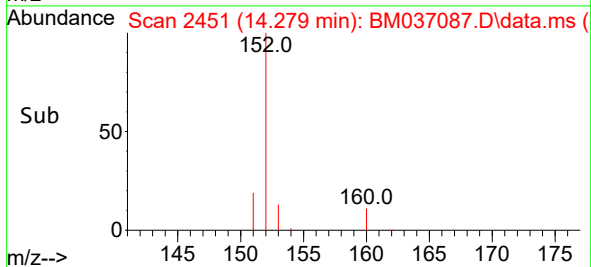
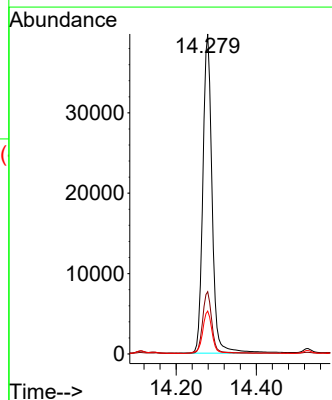
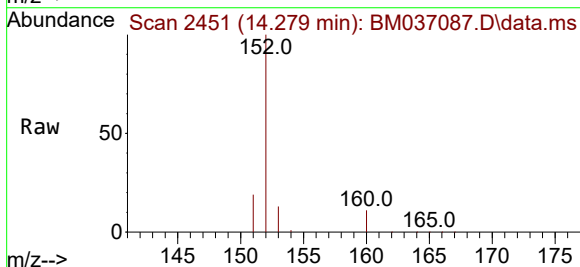
Instrument :
BNA_M
ClientSampleId :
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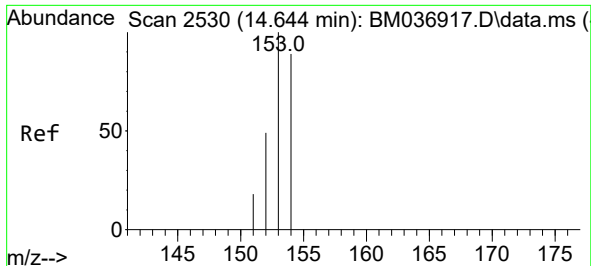
Tgt Ion:142 Resp: 8835
Ion Ratio Lower Upper
142 100
141 91.8 74.1 111.1



#10
Acenaphthylene
Concen: 1.105 ng/ul
RT: 14.279 min Scan# 2451
Delta R.T. 0.000 min
Lab File: BM037087.D
Acq: 15 Oct 2022 11:37

Tgt Ion:152 Resp: 63414
Ion Ratio Lower Upper
152 100
151 19.4 16.6 24.8
153 13.4 11.4 17.0

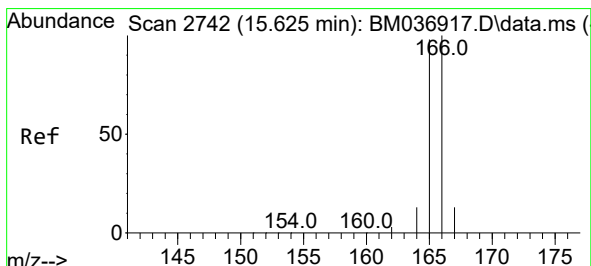
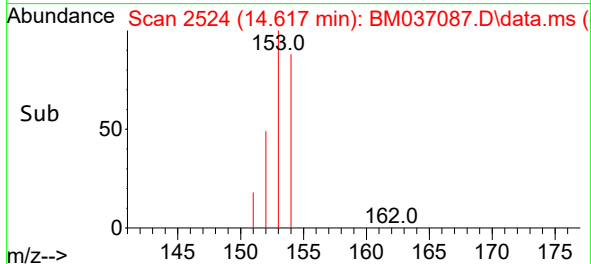
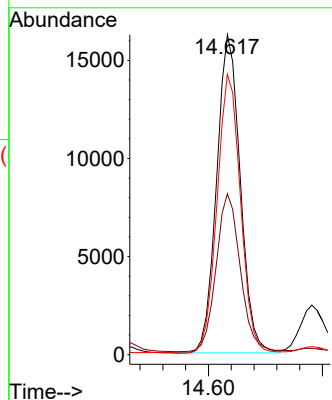
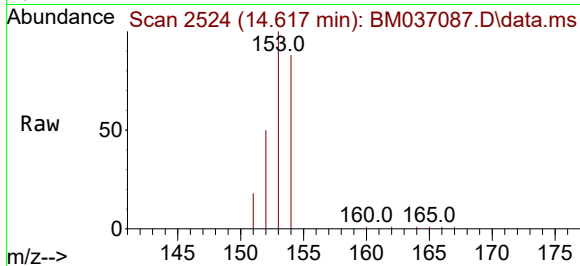




#11
Acenaphthene
Concen: 0.468 ng/ul
RT: 14.617 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM037087.D
Acq: 15 Oct 2022 11:37

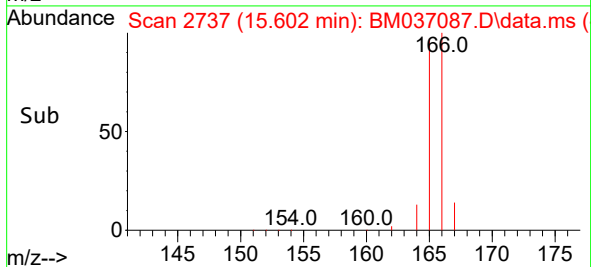
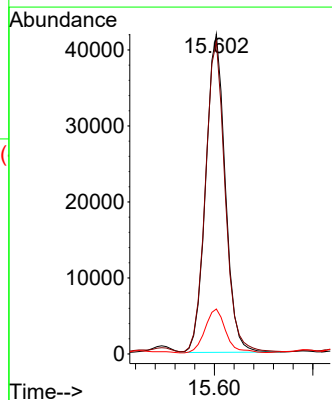
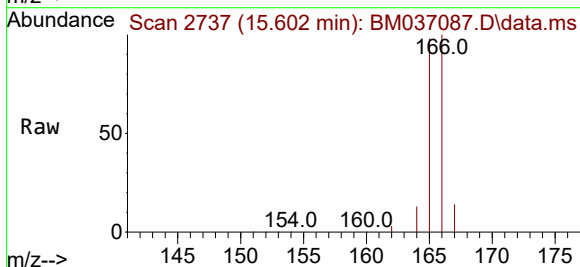
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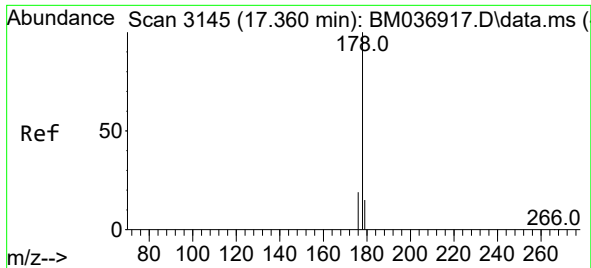
Tgt Ion:153 Resp: 23318
Ion Ratio Lower Upper
153 100
152 50.3 40.2 60.4
154 87.6 69.7 104.5



#12
Fluorene
Concen: 1.019 ng/ul
RT: 15.602 min Scan# 2737
Delta R.T. 0.000 min
Lab File: BM037087.D
Acq: 15 Oct 2022 11:37

Tgt Ion:166 Resp: 57460
Ion Ratio Lower Upper
166 100
165 97.6 78.9 118.3
167 14.0 11.3 16.9

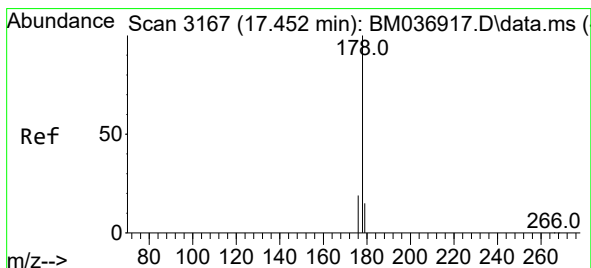
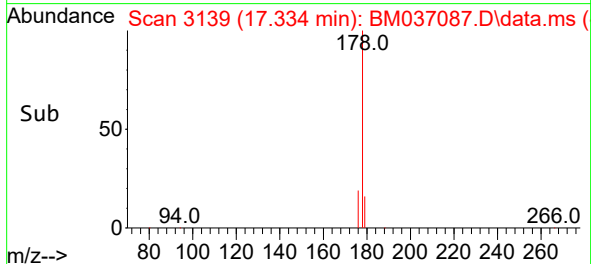
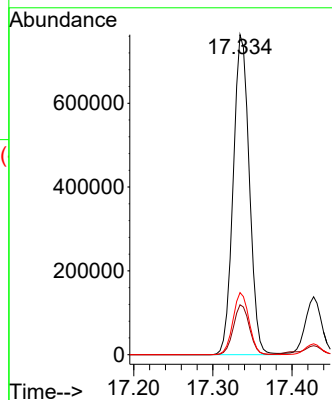
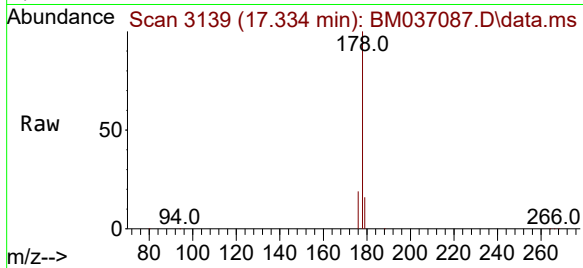




#15
Phenanthrene
Concen: 12.398 ng/ul
RT: 17.334 min Scan# 3145
Delta R.T. -0.004 min
Lab File: BM037087.D
Acq: 15 Oct 2022 11:37

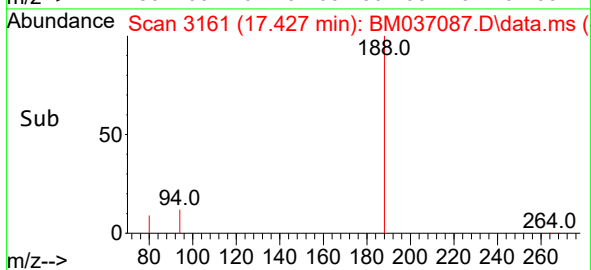
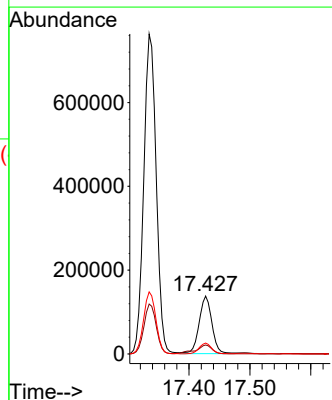
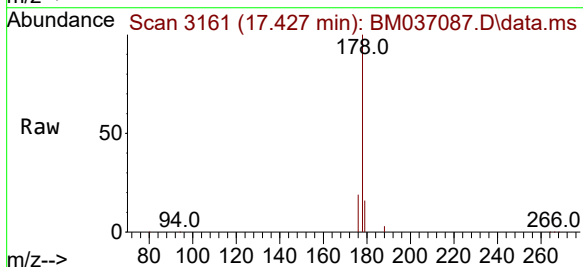
Instrument :
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ClientSampleId :
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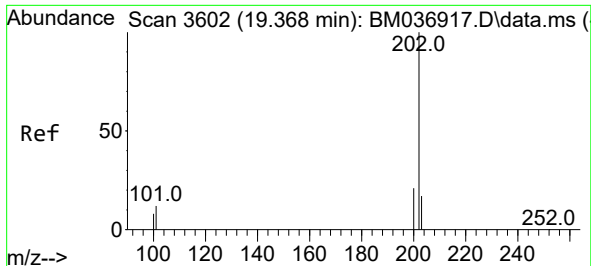
Tgt Ion:178 Resp: 1076522
Ion Ratio Lower Upper
178 100
179 15.6 13.0 19.6
176 19.4 15.6 23.4



#16
Anthracene
Concen: 2.797 ng/ul
RT: 17.427 min Scan# 3161
Delta R.T. -0.004 min
Lab File: BM037087.D
Acq: 15 Oct 2022 11:37

Tgt Ion:178 Resp: 202958
Ion Ratio Lower Upper
178 100
179 15.5 13.6 20.4
176 18.9 15.6 23.4

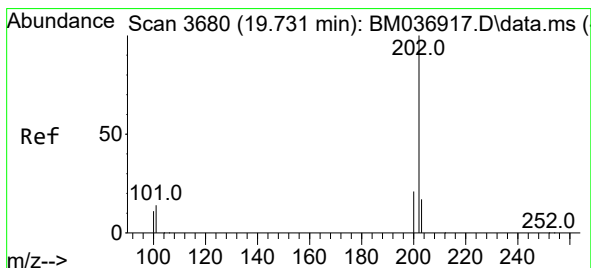
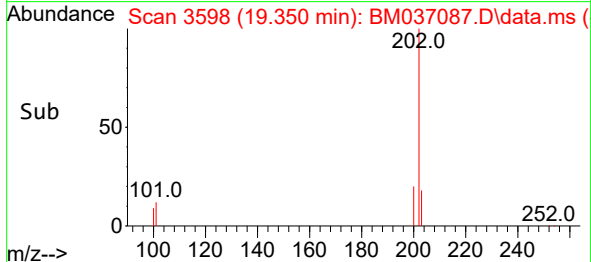
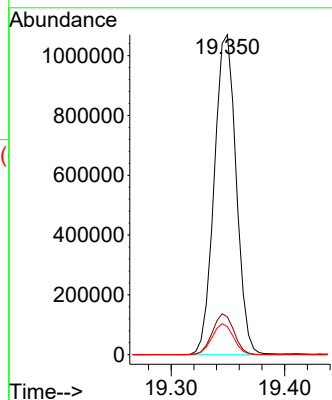
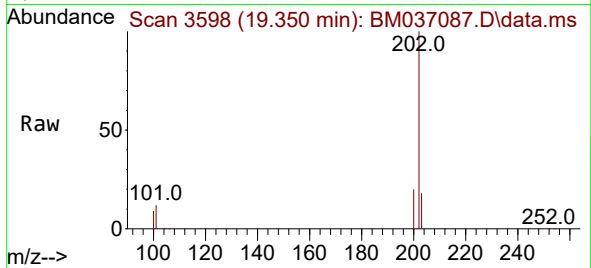




#19
Fluoranthene
Concen: 20.643 ng/ul
RT: 19.350 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM037087.D
Acq: 15 Oct 2022 11:37

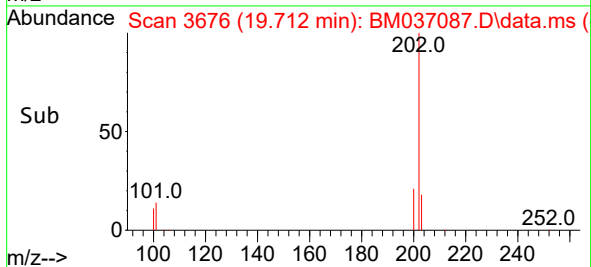
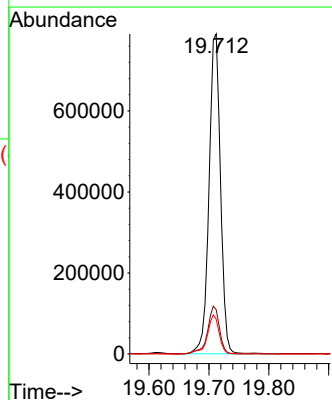
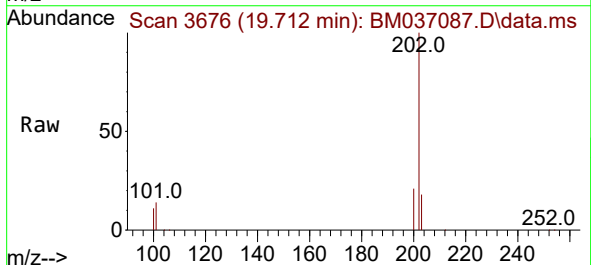
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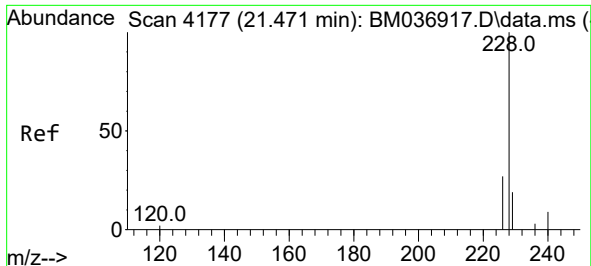
Tgt Ion:202 Resp: 1435305
Ion Ratio Lower Upper
202 100
101 11.8 10.1 15.1
100 8.7 7.9 11.9



#20
Pyrene
Concen: 14.447 ng/ul
RT: 19.712 min Scan# 3676
Delta R.T. 0.005 min
Lab File: BM037087.D
Acq: 15 Oct 2022 11:37

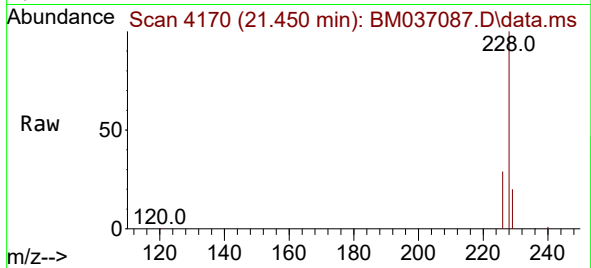
Tgt Ion:202 Resp: 1047556
Ion Ratio Lower Upper
202 100
101 13.8 12.0 18.0
100 10.9 9.8 14.6



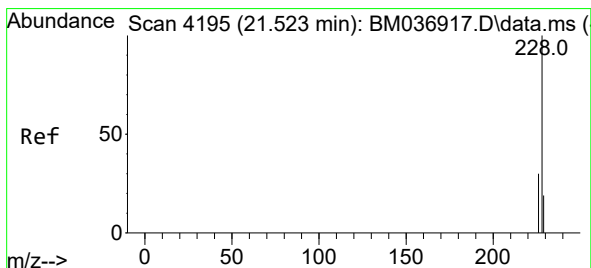
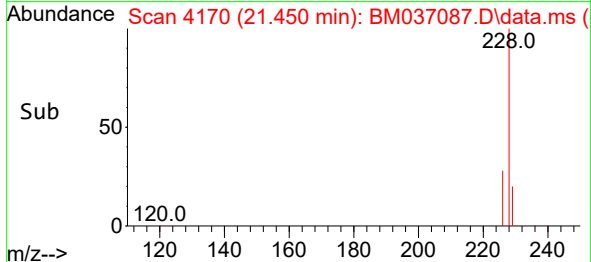
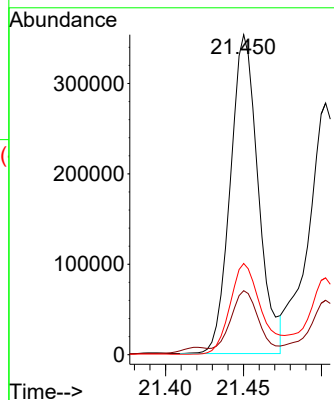


#21
Benzo(a)anthracene
Concen: 6.956 ng/ul
RT: 21.450 min Scan# 4177
Delta R.T. 0.000 min
Lab File: BM037087.D
Acq: 15 Oct 2022 11:37

Instrument :
BNA_M
ClientSampleId :
C0BJ5DL

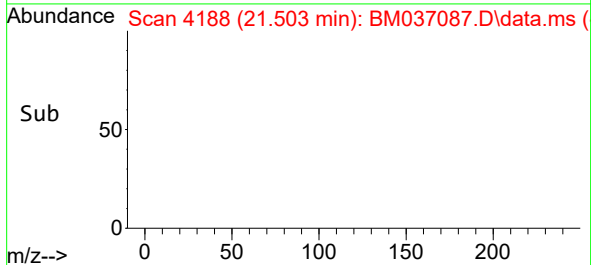
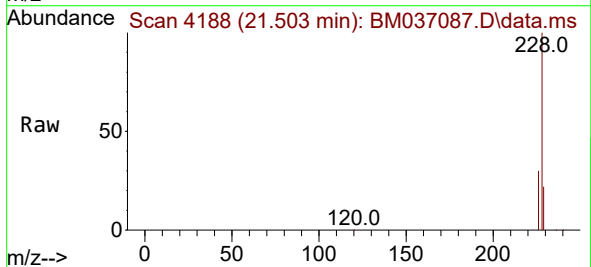
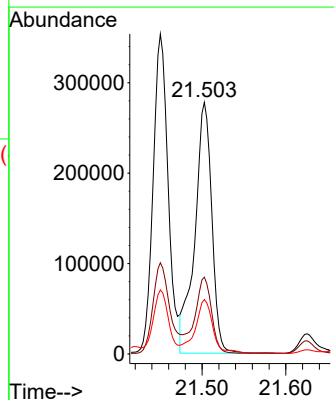


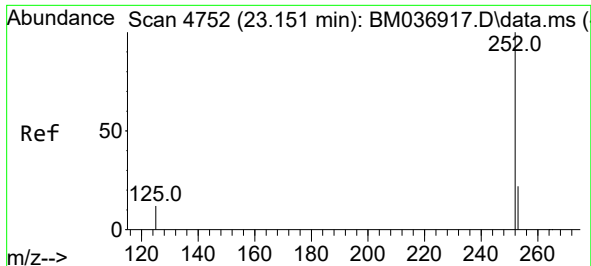
Tgt Ion:228 Resp: 439341
Ion Ratio Lower Upper
228 100
229 20.0 16.2 24.2
226 28.5 22.5 33.7



#22
Chrysene
Concen: 5.787 ng/ul
RT: 21.503 min Scan# 4188
Delta R.T. 0.000 min
Lab File: BM037087.D
Acq: 15 Oct 2022 11:37

Tgt Ion:228 Resp: 392446
Ion Ratio Lower Upper
228 100
226 30.5 24.6 37.0
229 21.6 16.4 24.6

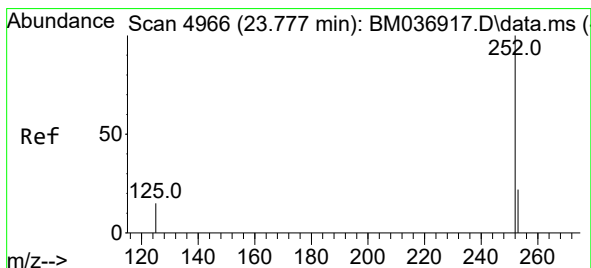
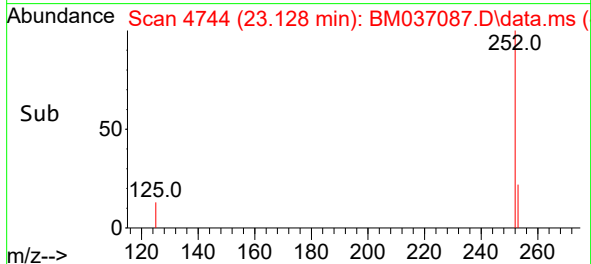
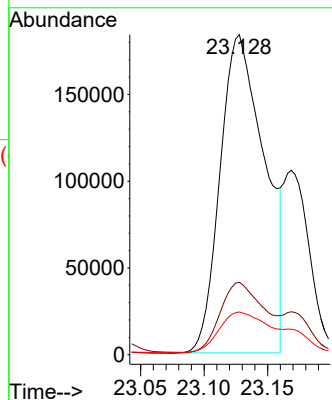
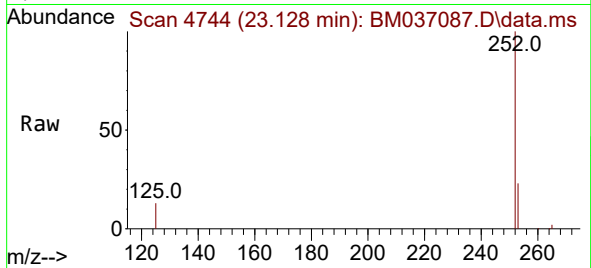




#24
Benzo(b)fluoranthene
Concen: 6.851 ng/uI
RT: 23.128 min Scan# 41
Delta R.T. 0.006 min
Lab File: BM037087.D
Acq: 15 Oct 2022 11:37

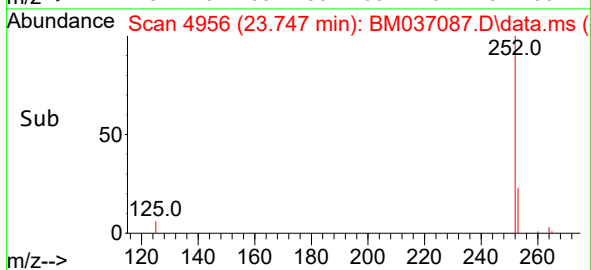
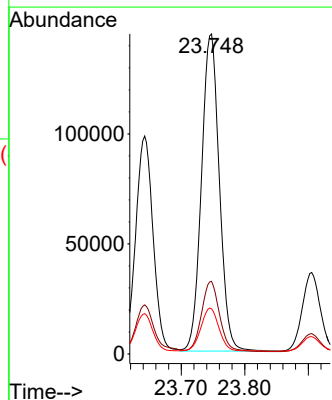
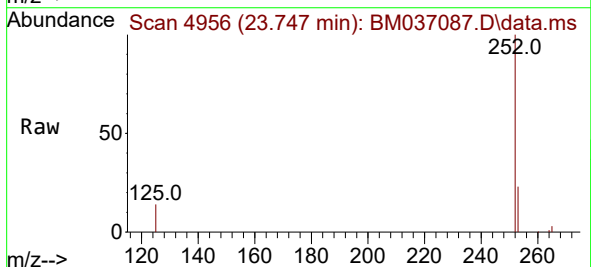
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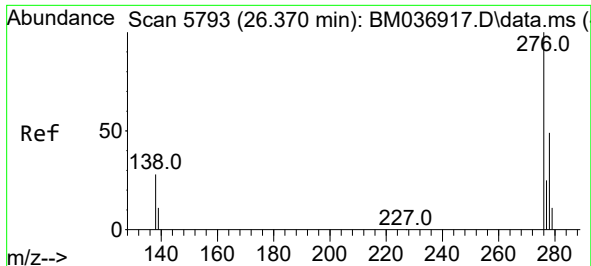
Tgt Ion:252 Resp: 448401
Ion Ratio Lower Upper
252 100
253 22.6 0.0 61.4
125 13.4 0.0 42.6



#26
Benzo(a)pyrene
Concen: 5.295 ng/uI
RT: 23.747 min Scan# 4956
Delta R.T. 0.003 min
Lab File: BM037087.D
Acq: 15 Oct 2022 11:37

Tgt Ion:252 Resp: 281183
Ion Ratio Lower Upper
252 100
253 22.7 29.7 44.5#
125 14.1 23.6 35.4#

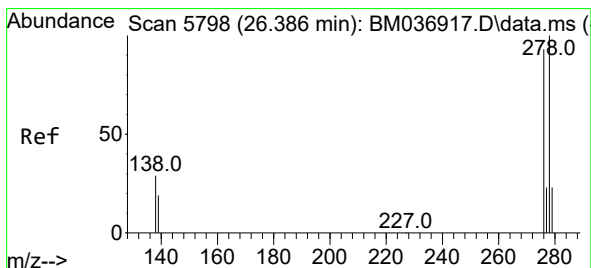
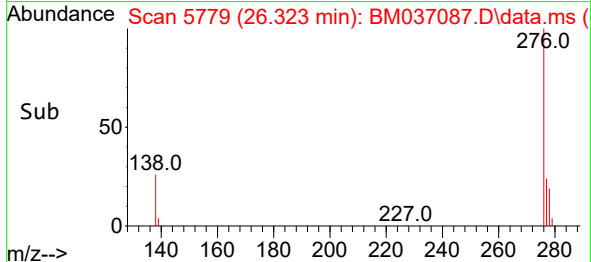
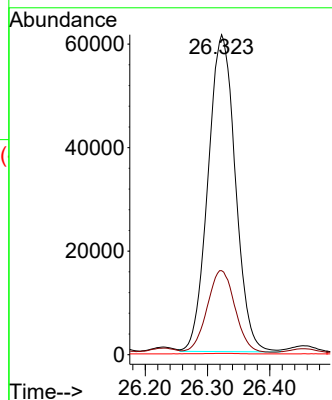
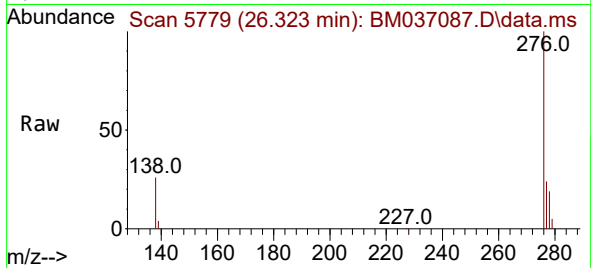




#27
Indeno(1,2,3-cd)pyrene
Concen: 2.483 ng/ul
RT: 26.323 min Scan# 51
Delta R.T. -0.003 min
Lab File: BM037087.D
Acq: 15 Oct 2022 11:37

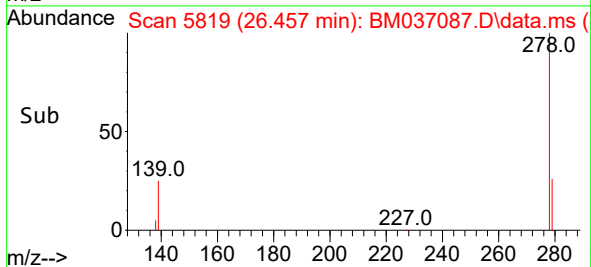
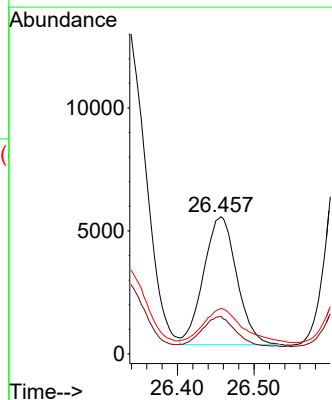
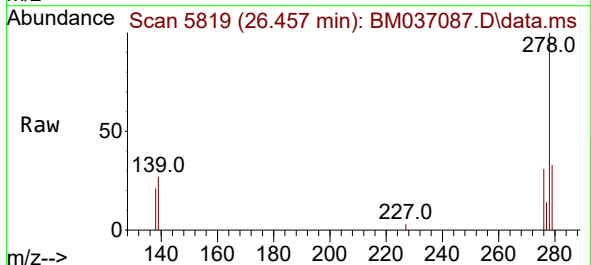
Instrument :
BNA_M
ClientSampleId :
C0BJ5DL

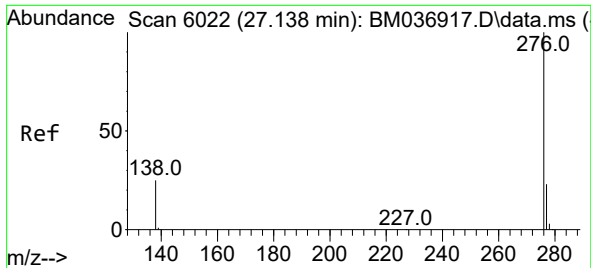
Tgt Ion:276 Resp: 186782
Ion Ratio Lower Upper
276 100
138 26.2 23.9 35.9
227 0.2 0.1 0.1#



#28
Dibenzo(a,h)anthracene
Concen: 0.257 ng/ul
RT: 26.457 min Scan# 5819
Delta R.T. 0.114 min
Lab File: BM037087.D
Acq: 15 Oct 2022 11:37

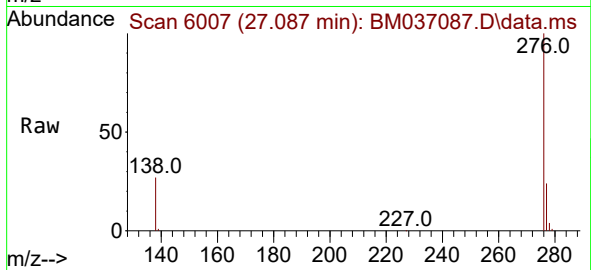
Tgt Ion:278 Resp: 15635
Ion Ratio Lower Upper
278 100
139 27.4 19.8 29.6
279 33.0 27.7 41.5





#29
 Benzo(g,h,i)perylene
 Concen: 2.184 ng/ul
 RT: 27.087 min Scan# 60
 Delta R.T. 0.000 min
 Lab File: BM037087.D
 Acq: 15 Oct 2022 11:37

Instrument :
 BNA_M
 ClientSampleId :
 C0BJ5DL



Tgt Ion:276 Resp: 144795
 Ion Ratio Lower Upper
 276 100
 138 26.9 23.4 35.0
 277 23.9 21.0 31.4

