

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101322\
 Data File : BM037013.D
 Acq On : 13 Oct 2022 12:39
 Operator : CG/JU
 Sample : N5024-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BE8

Quant Time: Oct 13 23:33:26 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 : Tue Oct 11 09:03:52 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

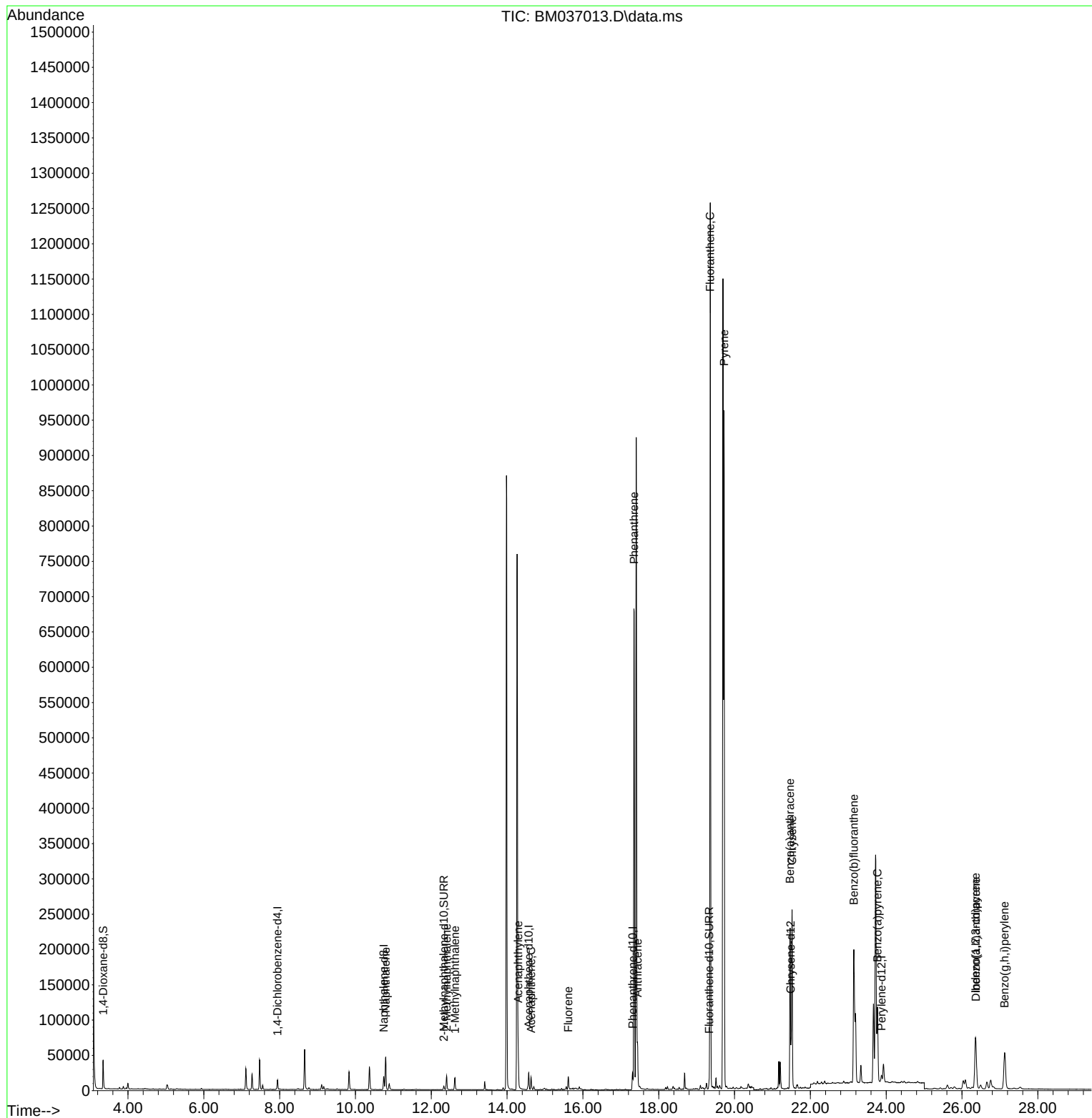
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.943	152	6875	0.400	ng/ul	0.00
4) Naphthalene-d8	10.749	136	25297	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.570	164	13532	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.309	188	27642	0.400	ng/ul	0.00
17) Chrysene-d12	21.479	240	17576	0.400	ng/ul	0.00
23) Perylene-d12	23.876	264	13277	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.344	96	26069	2.689	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.332	152	6839	0.179	ng/ul	0.00
18) Fluoranthene-d10	19.331	212	12640	0.240	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.798	128	63217	0.874	ng/ul	96
7) 2-Methylnaphthalene	12.404	142	14232	0.322	ng/ul	92
8) 1-Methylnaphthalene	12.624	142	11937	0.266	ng/ul	98
10) Acenaphthylene	14.293	152	55158	0.981	ng/ul	98
11) Acenaphthene	14.631	153	10289	0.211	ng/ul	99
12) Fluorene	15.616	166	12027	0.217	ng/ul#	98
15) Phenanthrene	17.347	178	710877	8.056	ng/ul	99
16) Anthracene	17.440	178	62150	0.843	ng/ul	98
19) Fluoranthene	19.359	202	991985	14.190	ng/ul	98
20) Pyrene	19.721	202	752487	10.322	ng/ul	98
21) Benzo(a)anthracene	21.464	228	185471	2.921	ng/ul	99
22) Chrysene	21.517	228	260520	3.821	ng/ul	99
24) Benzo(b)fluoranthene	23.145	252	333252	5.619	ng/ul	85
26) Benzo(a)pyrene	23.771	252	149725	3.111	ng/ul#	76
27) Indeno(1,2,3-cd)pyrene	26.356	276	130003	1.907	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.369	278	28718	0.521	ng/ul#	91
29) Benzo(g,h,i)perylene	27.124	276	114203	1.901	ng/ul	96

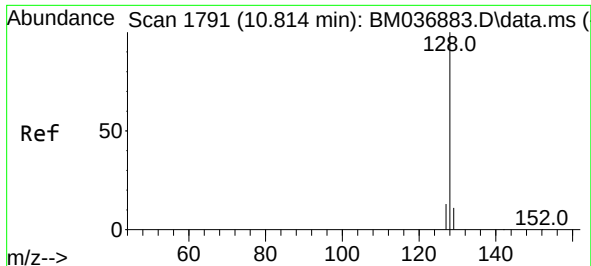
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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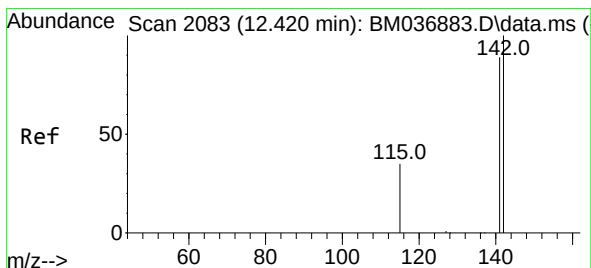
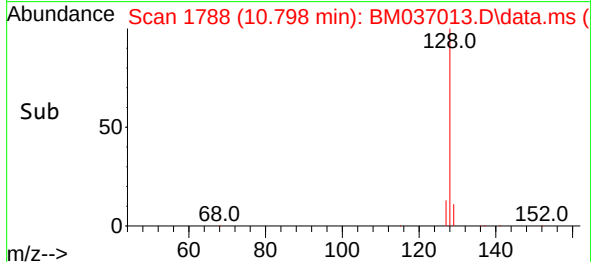
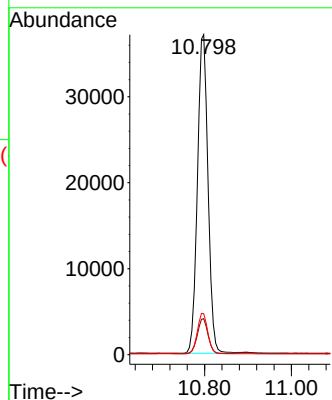
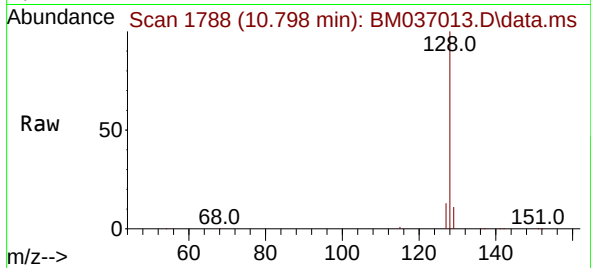




#5
Naphthalene
Concen: 0.874 ng/ul
RT: 10.798 min Scan# 1791
Delta R.T. -0.005 min
Lab File: BM037013.D
Acq: 13 Oct 2022 12:39

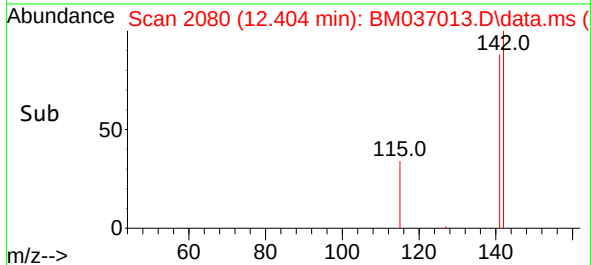
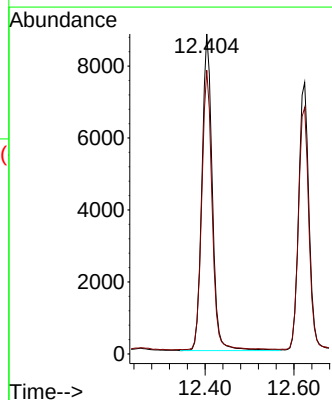
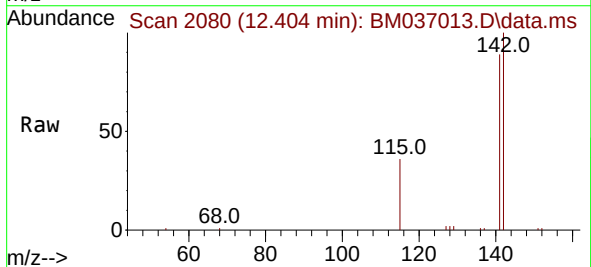
Instrument :
BNA_M
ClientSampleId :
C0BE8

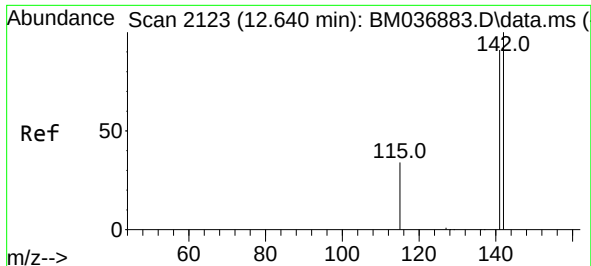
Tgt Ion:128 Resp: 63217
Ion Ratio Lower Upper
128 100
129 11.2 10.2 15.2
127 12.8 11.7 17.5



#7
2-Methylnaphthalene
Concen: 0.322 ng/ul
RT: 12.404 min Scan# 2080
Delta R.T. -0.011 min
Lab File: BM037013.D
Acq: 13 Oct 2022 12:39

Tgt Ion:142 Resp: 14232
Ion Ratio Lower Upper
142 100
141 88.7 77.4 116.0

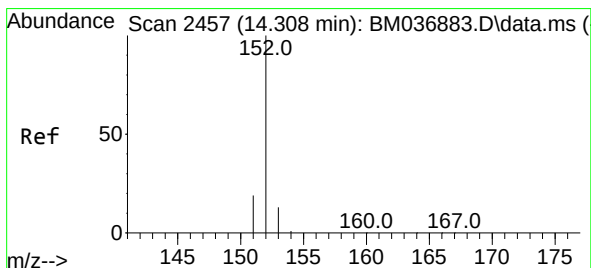
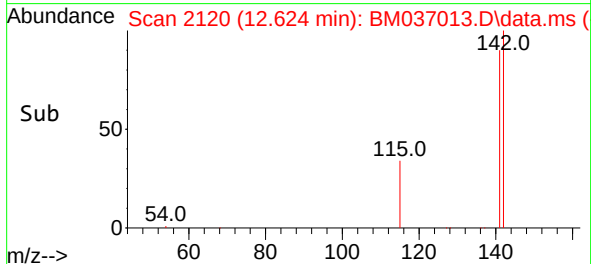
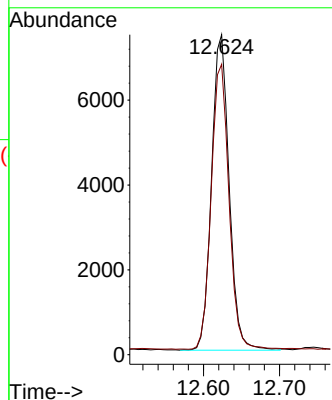
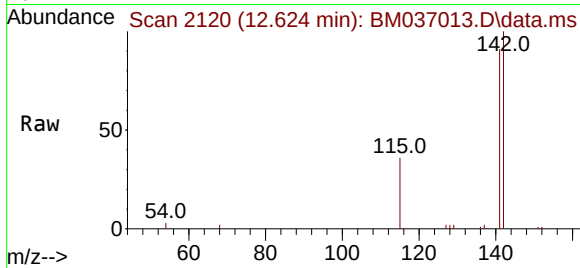




#8
1-Methylnaphthalene
Concen: 0.266 ng/ul
RT: 12.624 min Scan# 2123
Delta R.T. -0.005 min
Lab File: BM037013.D
Acq: 13 Oct 2022 12:39

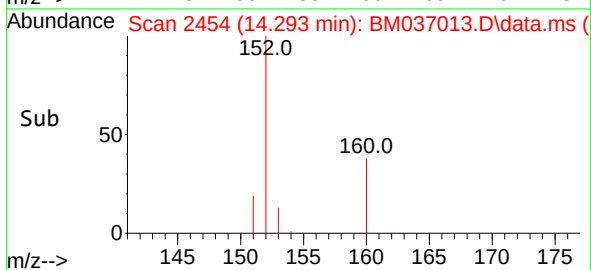
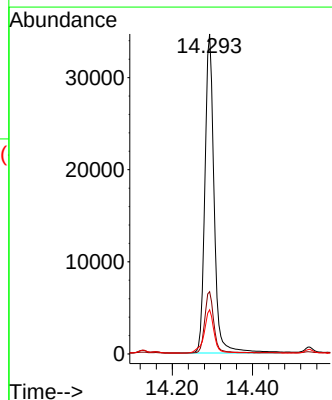
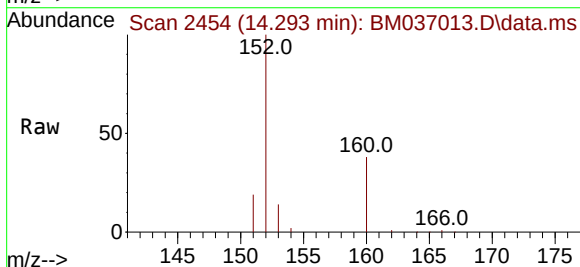
Instrument :
BNA_M
ClientSampleId :
C0BE8

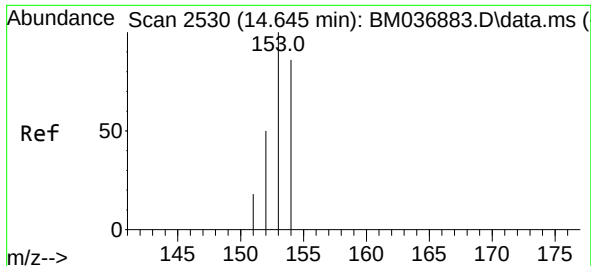
Tgt Ion:142 Resp: 11937
Ion Ratio Lower Upper
142 100
141 91.1 74.1 111.1



#10
Acenaphthylene
Concen: 0.981 ng/ul
RT: 14.293 min Scan# 2454
Delta R.T. -0.004 min
Lab File: BM037013.D
Acq: 13 Oct 2022 12:39

Tgt Ion:152 Resp: 55158
Ion Ratio Lower Upper
152 100
151 19.5 16.6 24.8
153 13.8 11.4 17.0

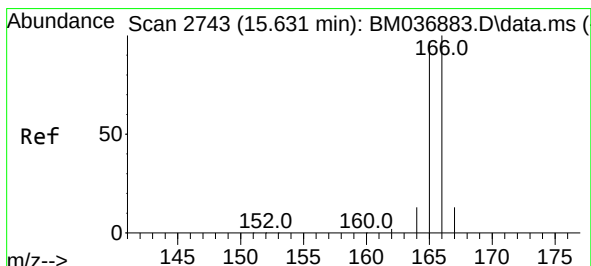
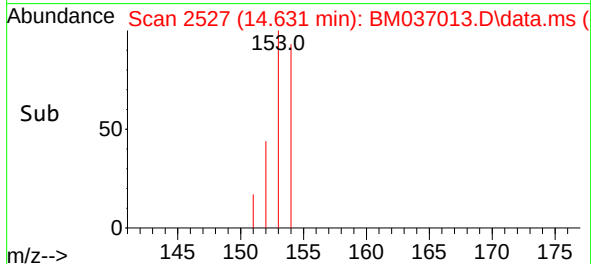
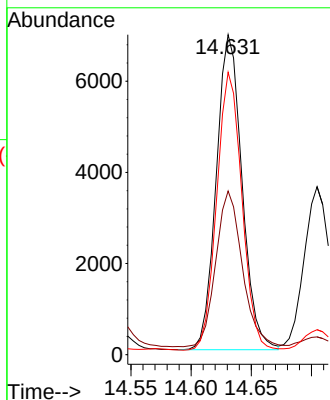
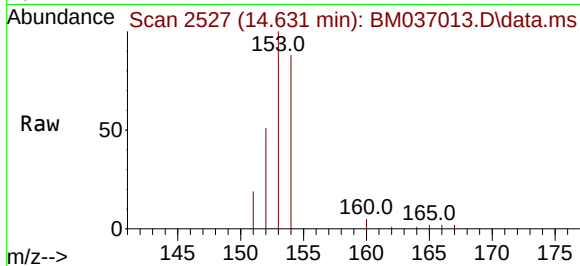




#11
Acenaphthene
Concen: 0.211 ng/ul
RT: 14.631 min Scan# 21
Delta R.T. -0.009 min
Lab File: BM037013.D
Acq: 13 Oct 2022 12:39

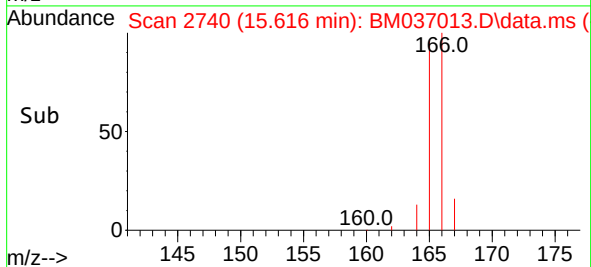
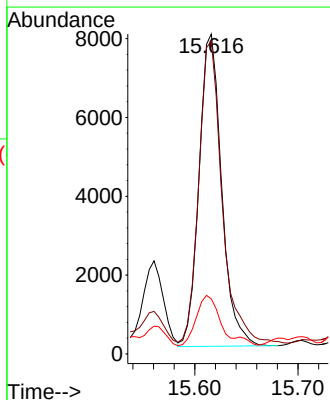
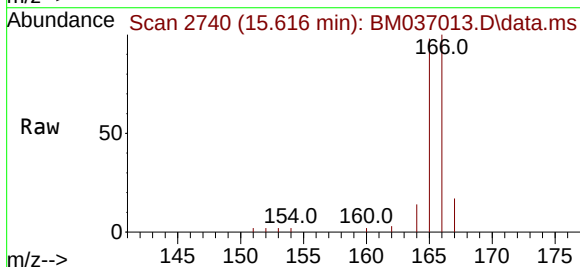
Instrument :
BNA_M
ClientSampleId :
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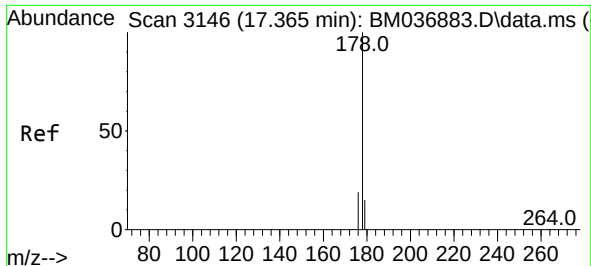
Tgt Ion:153 Resp: 10289
Ion Ratio Lower Upper
153 100
152 51.2 40.2 60.4
154 88.3 69.7 104.5



#12
Fluorene
Concen: 0.217 ng/ul
RT: 15.616 min Scan# 2740
Delta R.T. -0.004 min
Lab File: BM037013.D
Acq: 13 Oct 2022 12:39

Tgt Ion:166 Resp: 12027
Ion Ratio Lower Upper
166 100
165 97.8 78.9 118.3
167 17.2 11.3 16.9#

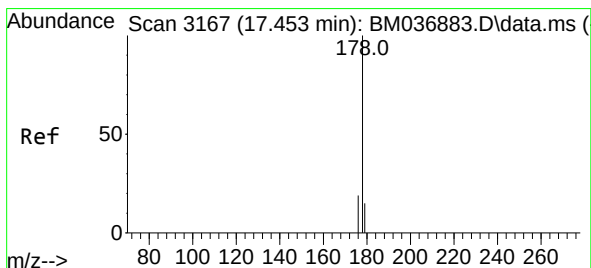
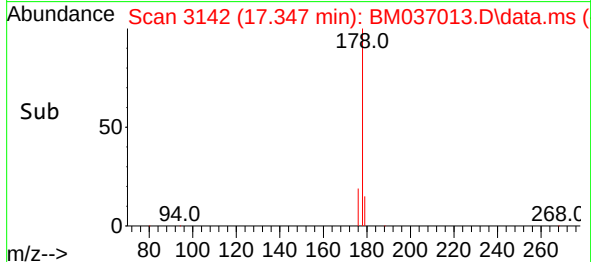
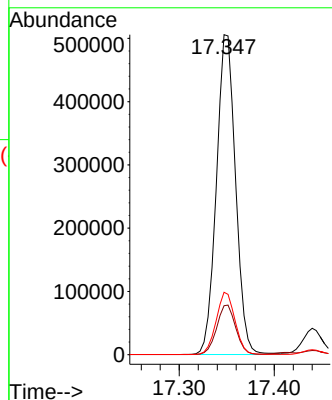
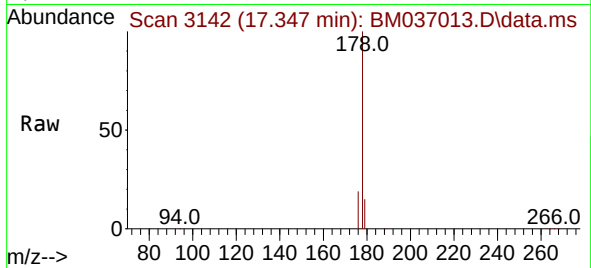




#15
Phenanthrene
Concen: 8.056 ng/ul
RT: 17.347 min Scan# 3142
Delta R.T. -0.008 min
Lab File: BM037013.D
Acq: 13 Oct 2022 12:39

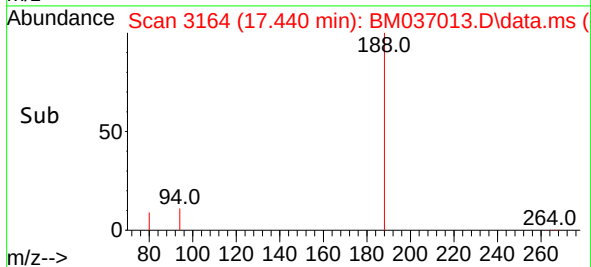
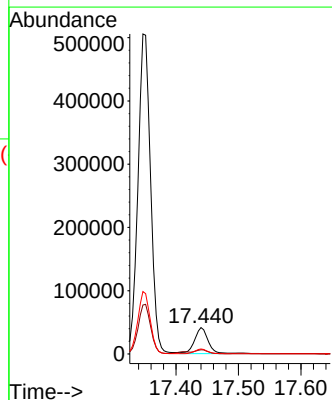
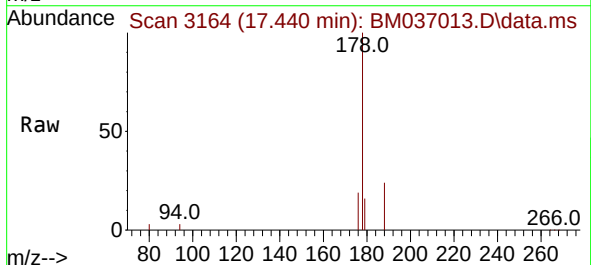
Instrument :
BNA_M
ClientSampleId :
C0BE8

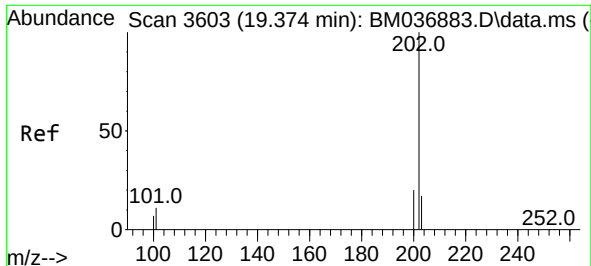
Tgt Ion:178 Resp: 710877
Ion Ratio Lower Upper
178 100
179 15.3 13.0 19.6
176 19.5 15.6 23.4



#16
Anthracene
Concen: 0.843 ng/ul
RT: 17.440 min Scan# 3164
Delta R.T. -0.008 min
Lab File: BM037013.D
Acq: 13 Oct 2022 12:39

Tgt Ion:178 Resp: 62150
Ion Ratio Lower Upper
178 100
179 16.0 13.6 20.4
176 19.0 15.6 23.4

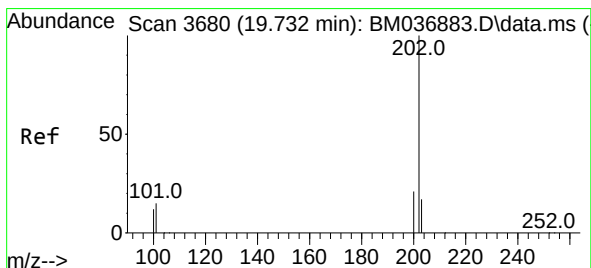
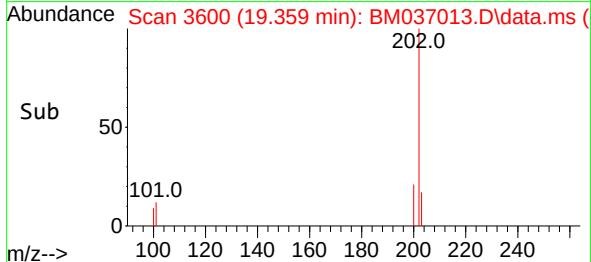
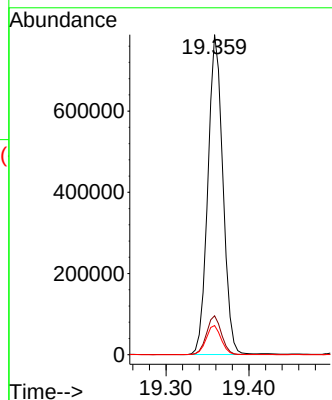
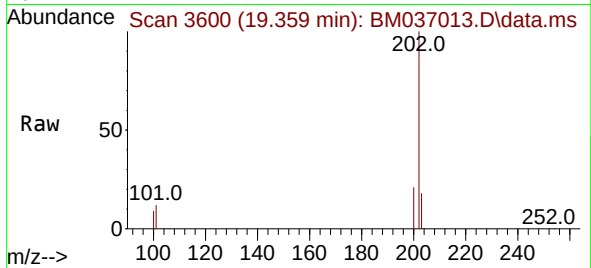




#19
Fluoranthene
Concen: 14.190 ng/u1
RT: 19.359 min Scan# 3600
Delta R.T. -0.005 min
Lab File: BM037013.D
Acq: 13 Oct 2022 12:39

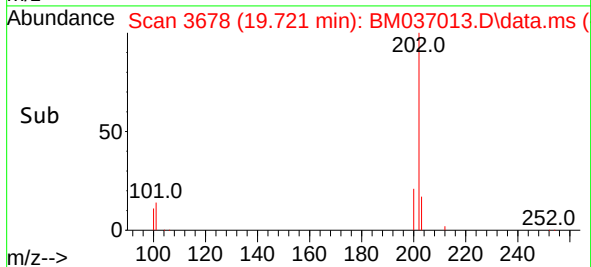
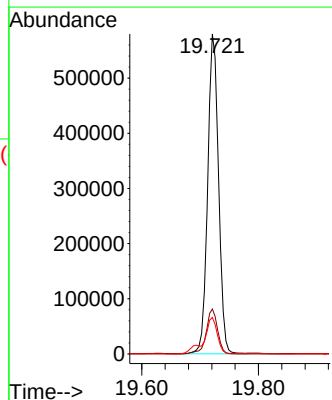
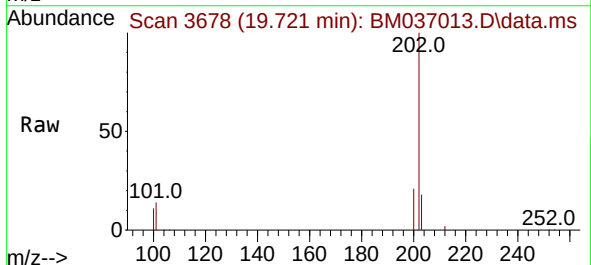
Instrument :
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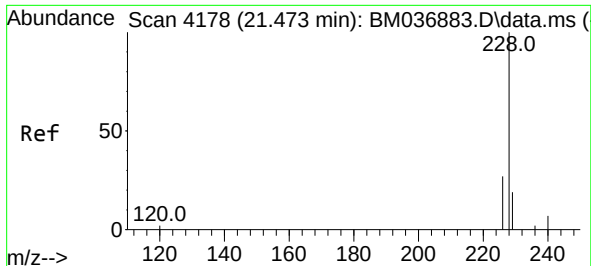
Tgt Ion:202 Resp: 991985
Ion Ratio Lower Upper
202 100
101 12.1 10.1 15.1
100 9.1 7.9 11.9



#20
Pyrene
Concen: 10.322 ng/u1
RT: 19.721 min Scan# 3678
Delta R.T. -0.005 min
Lab File: BM037013.D
Acq: 13 Oct 2022 12:39

Tgt Ion:202 Resp: 752487
Ion Ratio Lower Upper
202 100
101 14.1 12.0 18.0
100 11.4 9.8 14.6

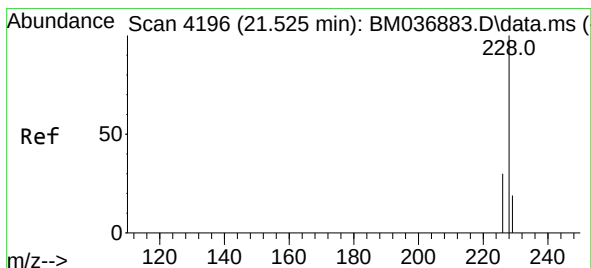
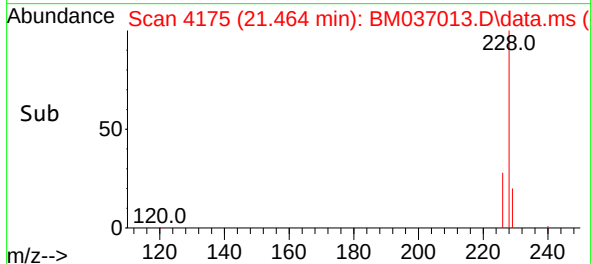
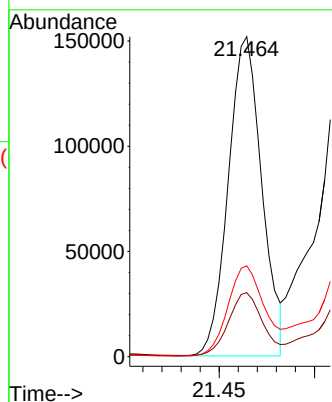
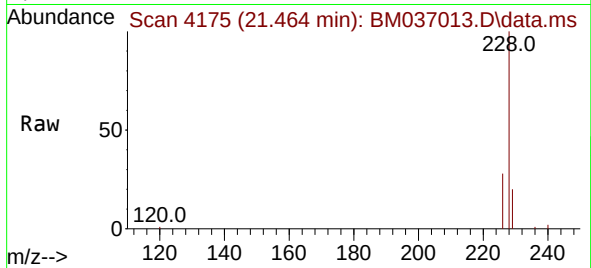




#21
Benzo(a)anthracene
Concen: 2.921 ng/ul
RT: 21.464 min Scan# 4175
Delta R.T. -0.003 min
Lab File: BM037013.D
Acq: 13 Oct 2022 12:39

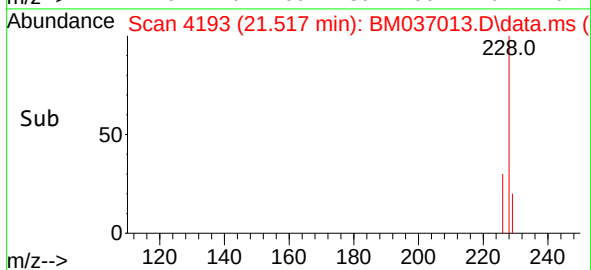
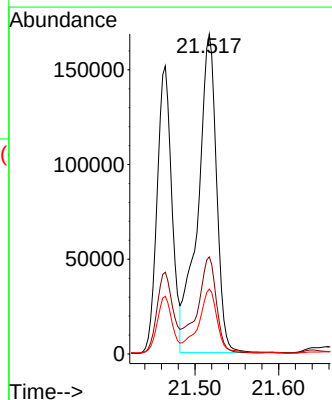
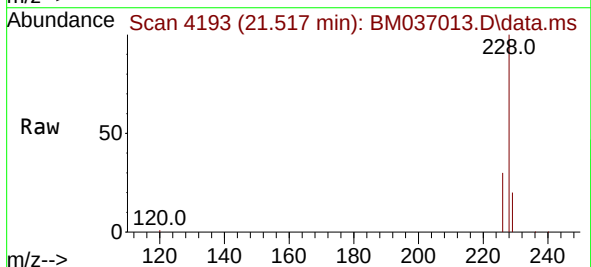
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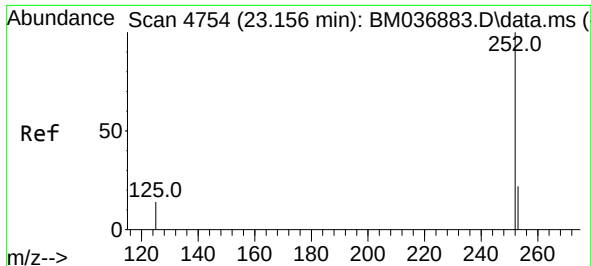
Tgt Ion:228 Resp: 185471
Ion Ratio Lower Upper
228 100
229 20.0 16.2 24.2
226 28.4 22.5 33.7



#22
Chrysene
Concen: 3.821 ng/ul
RT: 21.517 min Scan# 4193
Delta R.T. -0.003 min
Lab File: BM037013.D
Acq: 13 Oct 2022 12:39

Tgt Ion:228 Resp: 260520
Ion Ratio Lower Upper
228 100
226 30.4 24.6 37.0
229 20.3 16.4 24.6

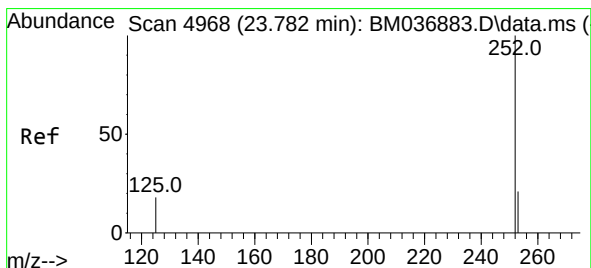
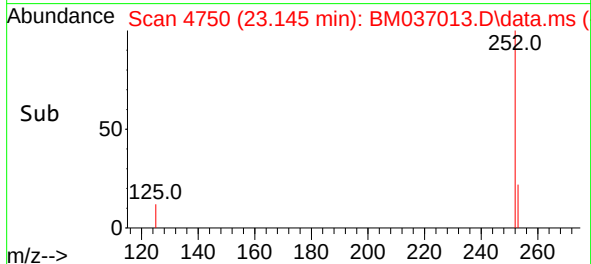
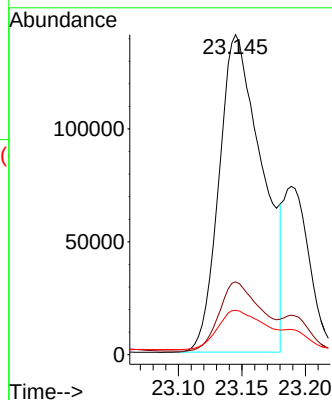
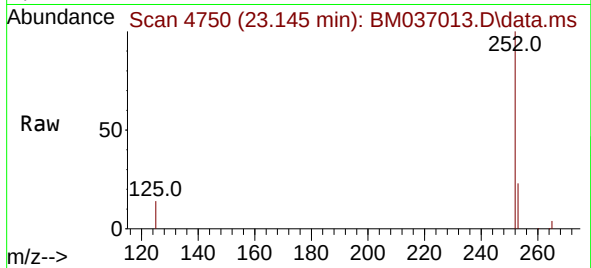




#24
Benzo(b)fluoranthene
Concen: 5.619 ng/ul
RT: 23.145 min Scan# 41
Delta R.T. -0.000 min
Lab File: BM037013.D
Acq: 13 Oct 2022 12:39

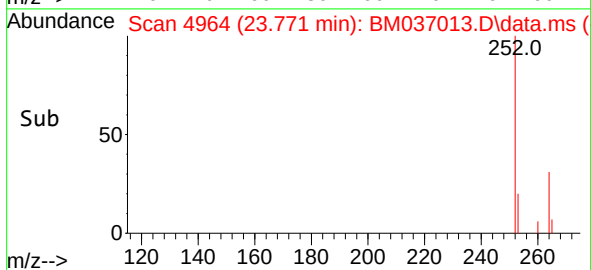
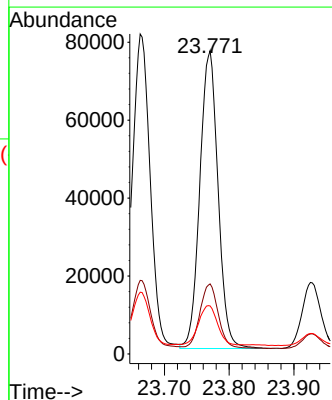
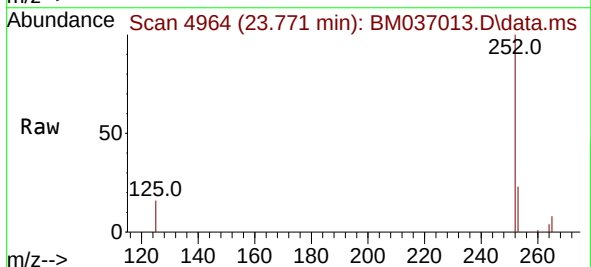
Instrument :
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ClientSampleId :
C0BE8

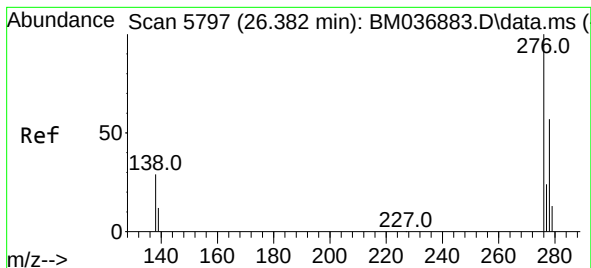
Tgt Ion:252 Resp: 333252
Ion Ratio Lower Upper
252 100
253 22.8 0.0 61.4
125 13.9 0.0 42.6



#26
Benzo(a)pyrene
Concen: 3.111 ng/ul
RT: 23.771 min Scan# 4964
Delta R.T. -0.000 min
Lab File: BM037013.D
Acq: 13 Oct 2022 12:39

Tgt Ion:252 Resp: 149725
Ion Ratio Lower Upper
252 100
253 23.1 29.7 44.5#
125 15.8 23.6 35.4#





#27

Indeno(1,2,3-cd)pyrene

Concen: 1.907 ng/ul

RT: 26.356 min Scan# 51

Delta R.T. -0.007 min

Lab File: BM037013.D

Acq: 13 Oct 2022 12:39

Instrument :

BNA_M

ClientSampleId :

C0BE8

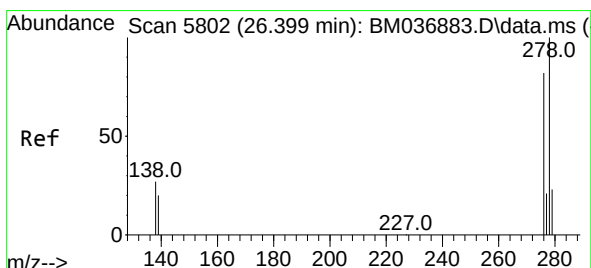
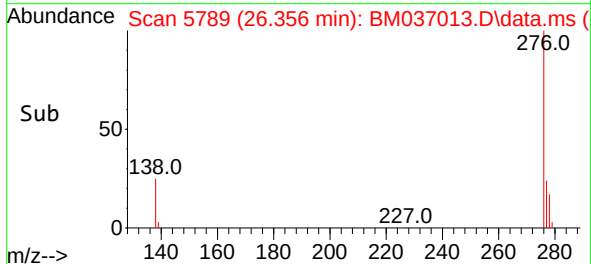
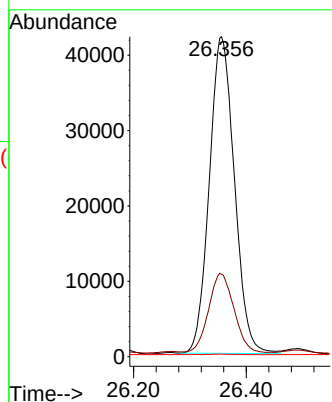
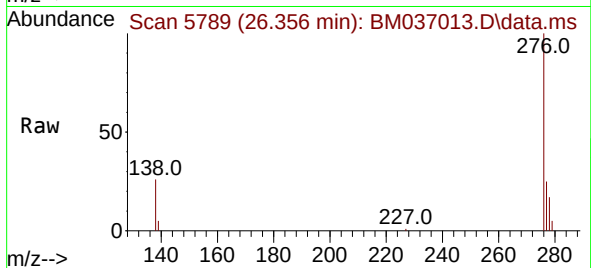
Tgt Ion:276 Resp: 130003

Ion Ratio Lower Upper

276 100

138 25.7 23.9 35.9

227 0.2 0.1 0.1#



#28

Dibenzo(a,h)anthracene

Concen: 0.521 ng/ul

RT: 26.369 min Scan# 5793

Delta R.T. -0.010 min

Lab File: BM037013.D

Acq: 13 Oct 2022 12:39

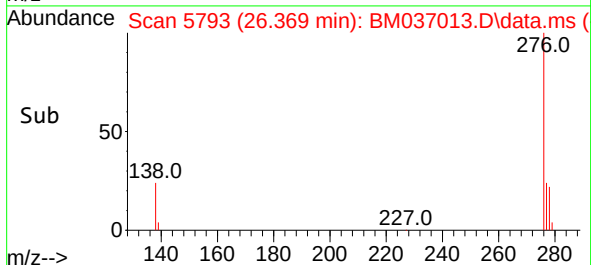
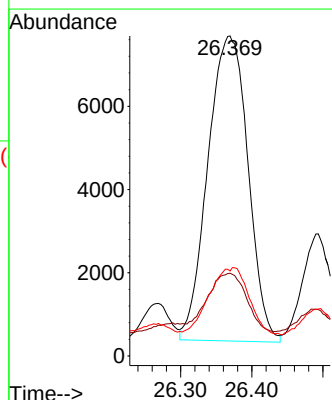
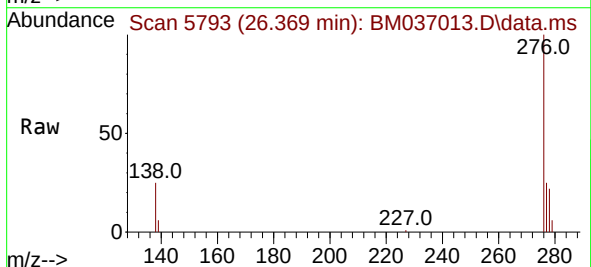
Tgt Ion:278 Resp: 28718

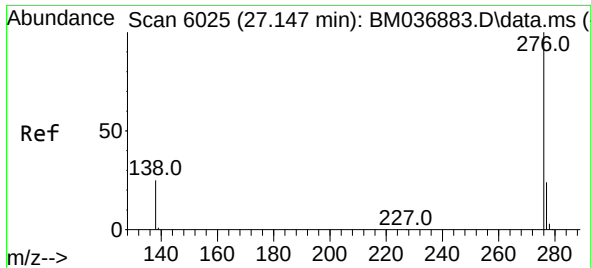
Ion Ratio Lower Upper

278 100

139 25.8 19.8 29.6

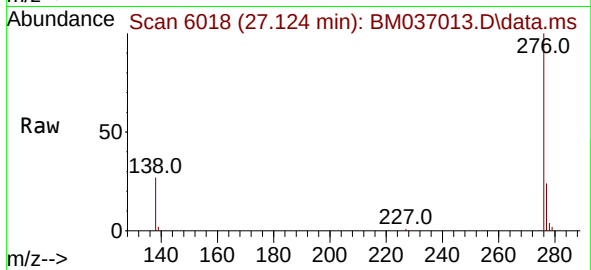
279 26.6 27.7 41.5#





#29
 Benzo(g,h,i)perylene
 Concen: 1.901 ng/ul
 RT: 27.124 min Scan# 6018
 Delta R.T. -0.004 min
 Lab File: BM037013.D
 Acq: 13 Oct 2022 12:39

Instrument :
 BNA_M
 ClientSampleId :
 C0BE8



Tgt Ion:276 Resp: 114203
 Ion Ratio Lower Upper
 276 100
 138 26.7 23.4 35.0
 277 24.2 21.0 31.4

