FIG. 1

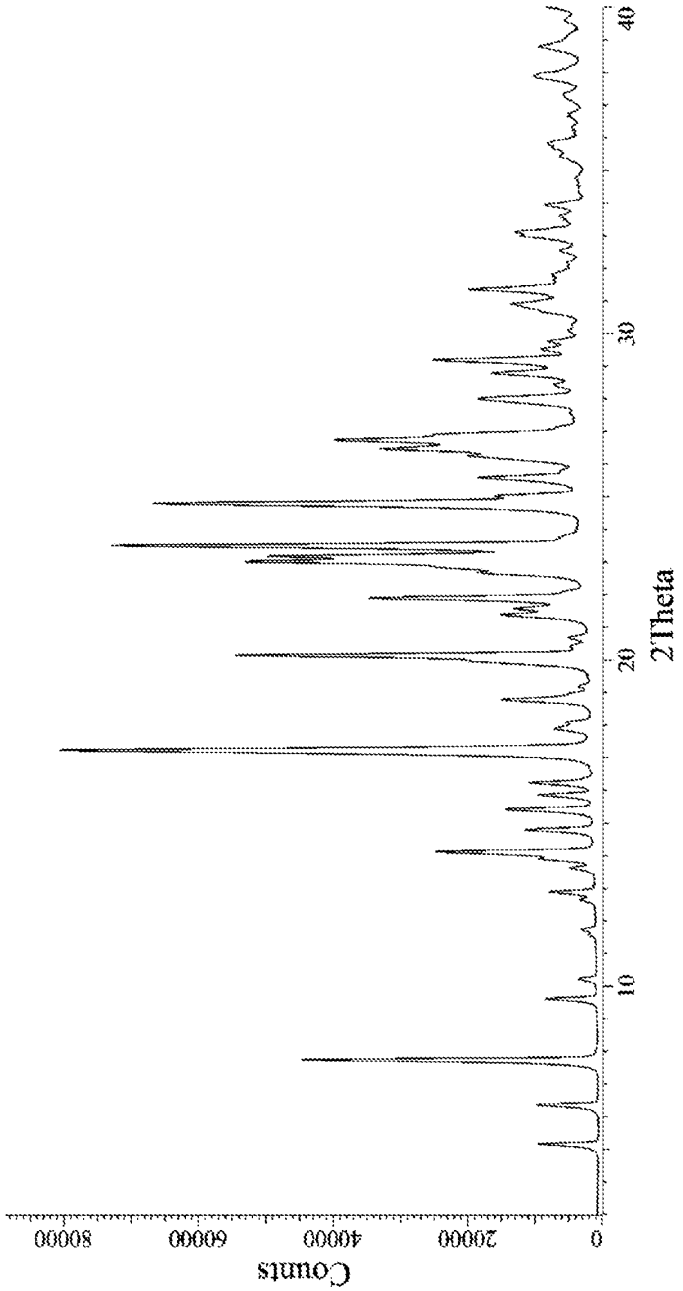

FIG. 2

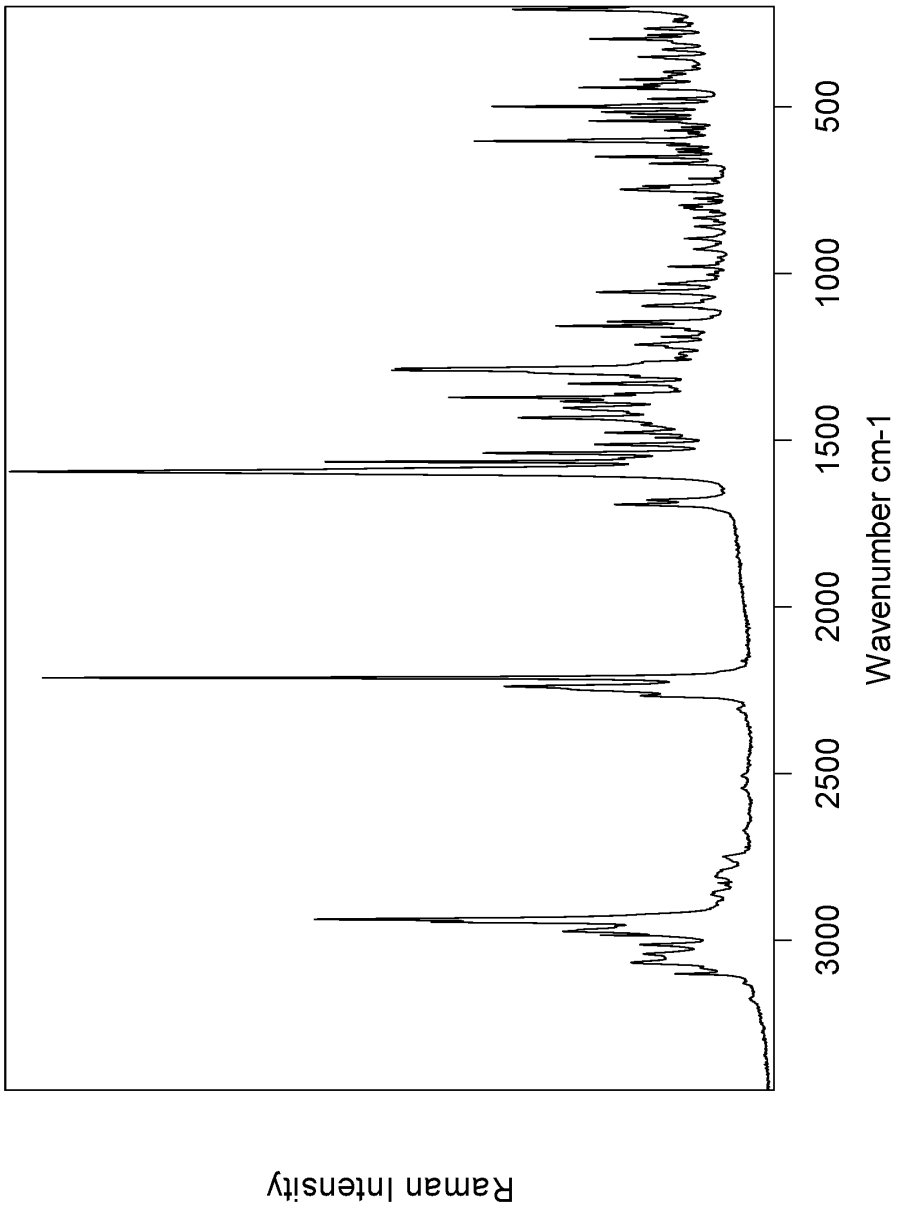
Raman Intensity
500
1000
1500
2000
2500
3000
Wavenumber cm-1

FIG. 3

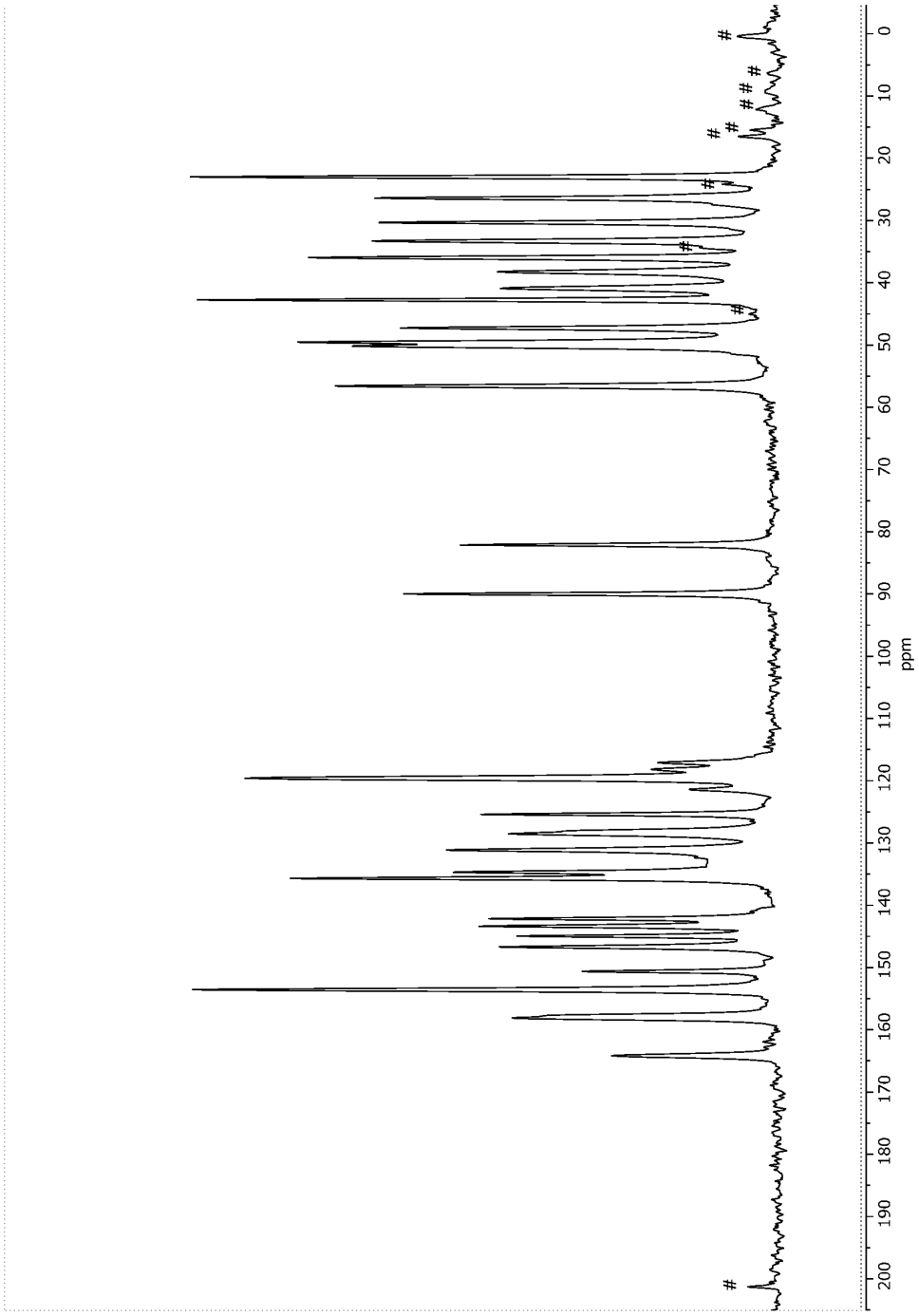
ppm
0
10
20
30
40
50
60
70
80
90
100
110
120
130
140
150
160
170
180
190
200

FIG. 4

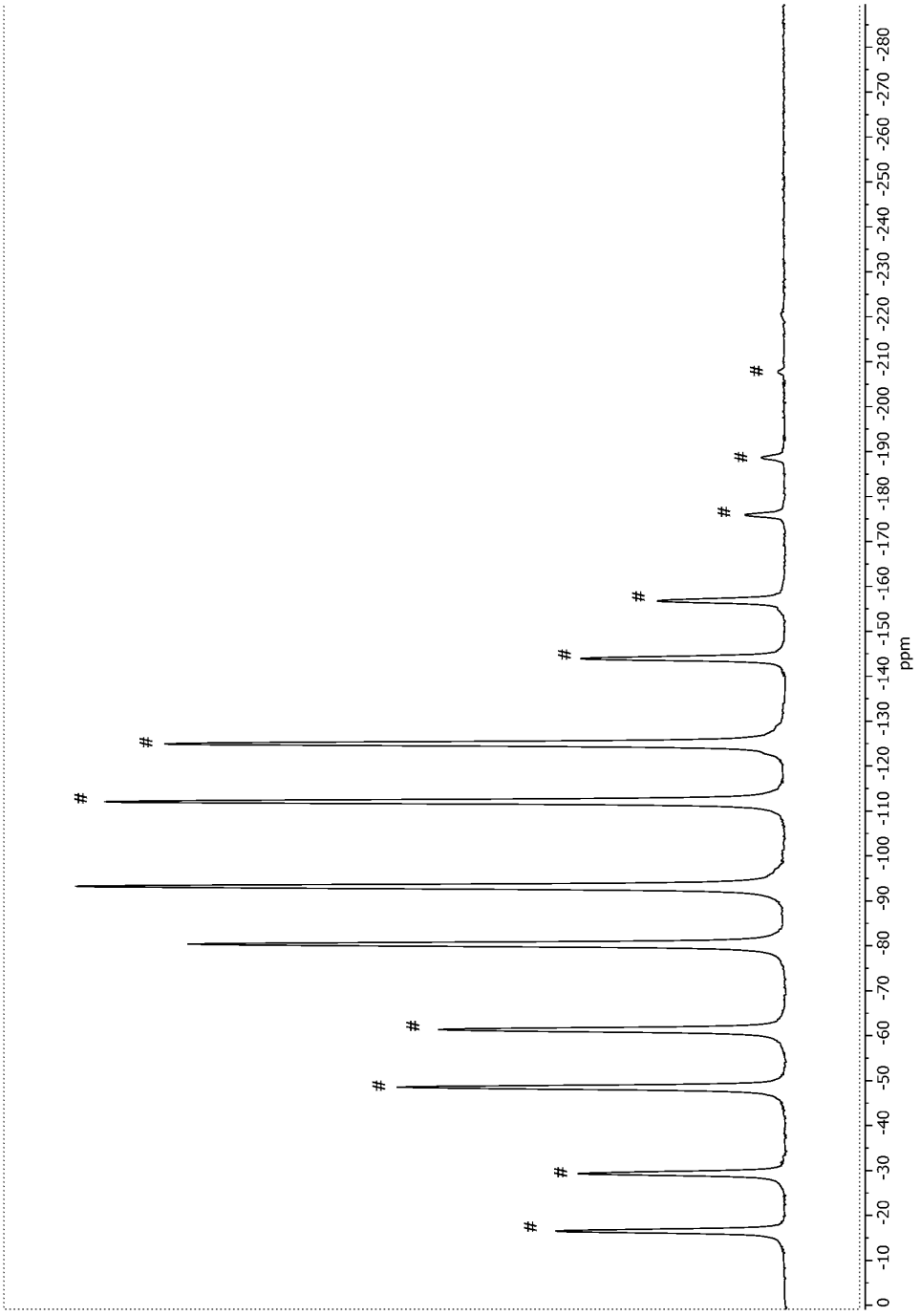
0
-10
-20
-30
-40
-50
-60
-70
-80
-90
-100
-110
-120
-130
-140
-150
-160
-170
-180
-190
-200
-210
-220
-230
-240
-250
-260
-270
-280
ppm

FIG. 5

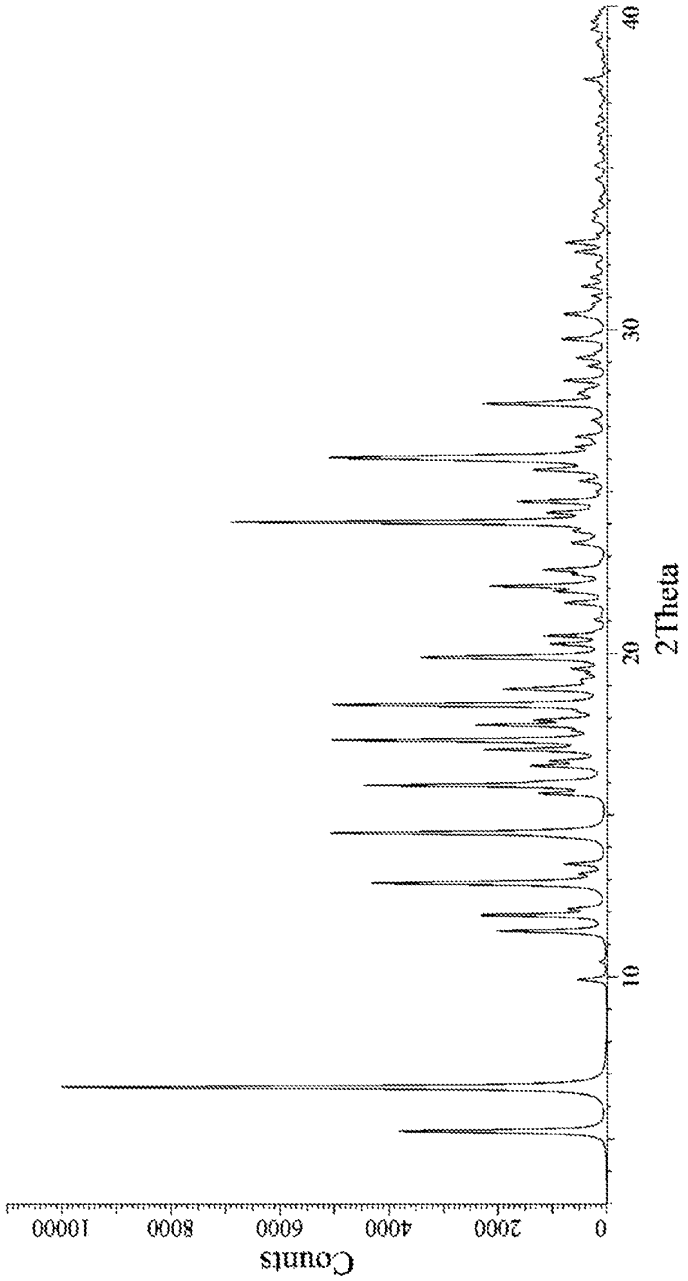

FIG. 6

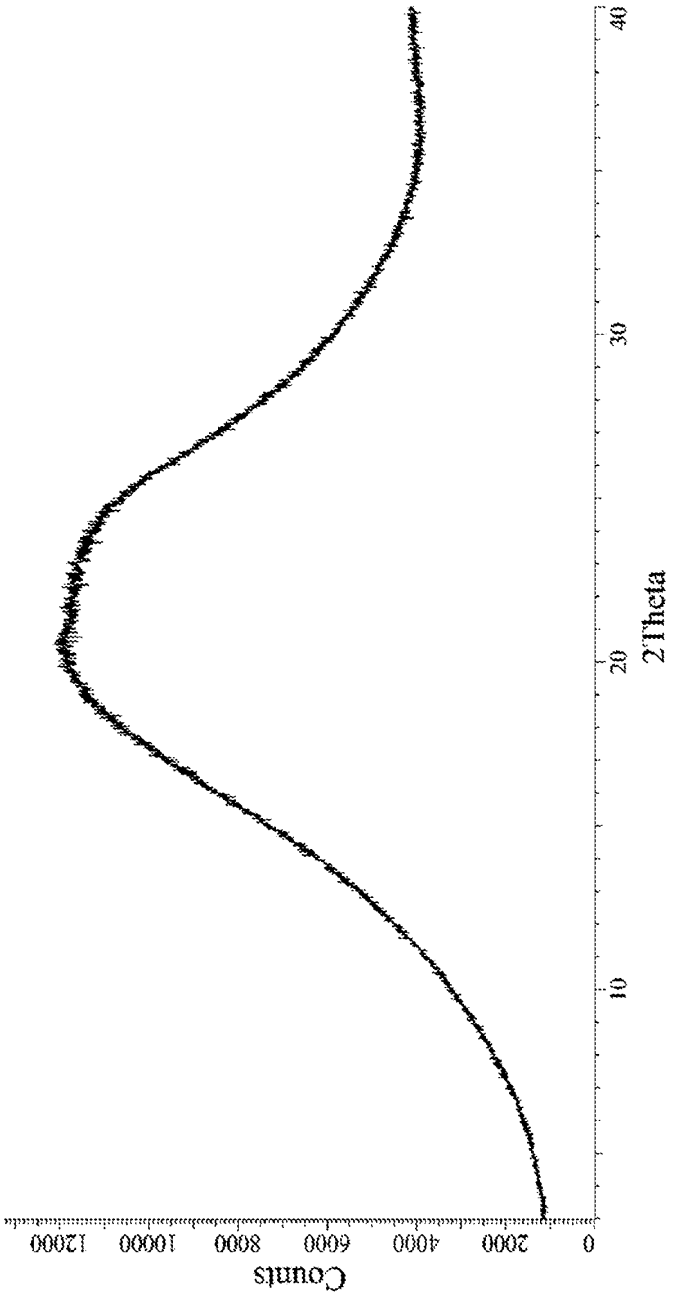

FIG. 7

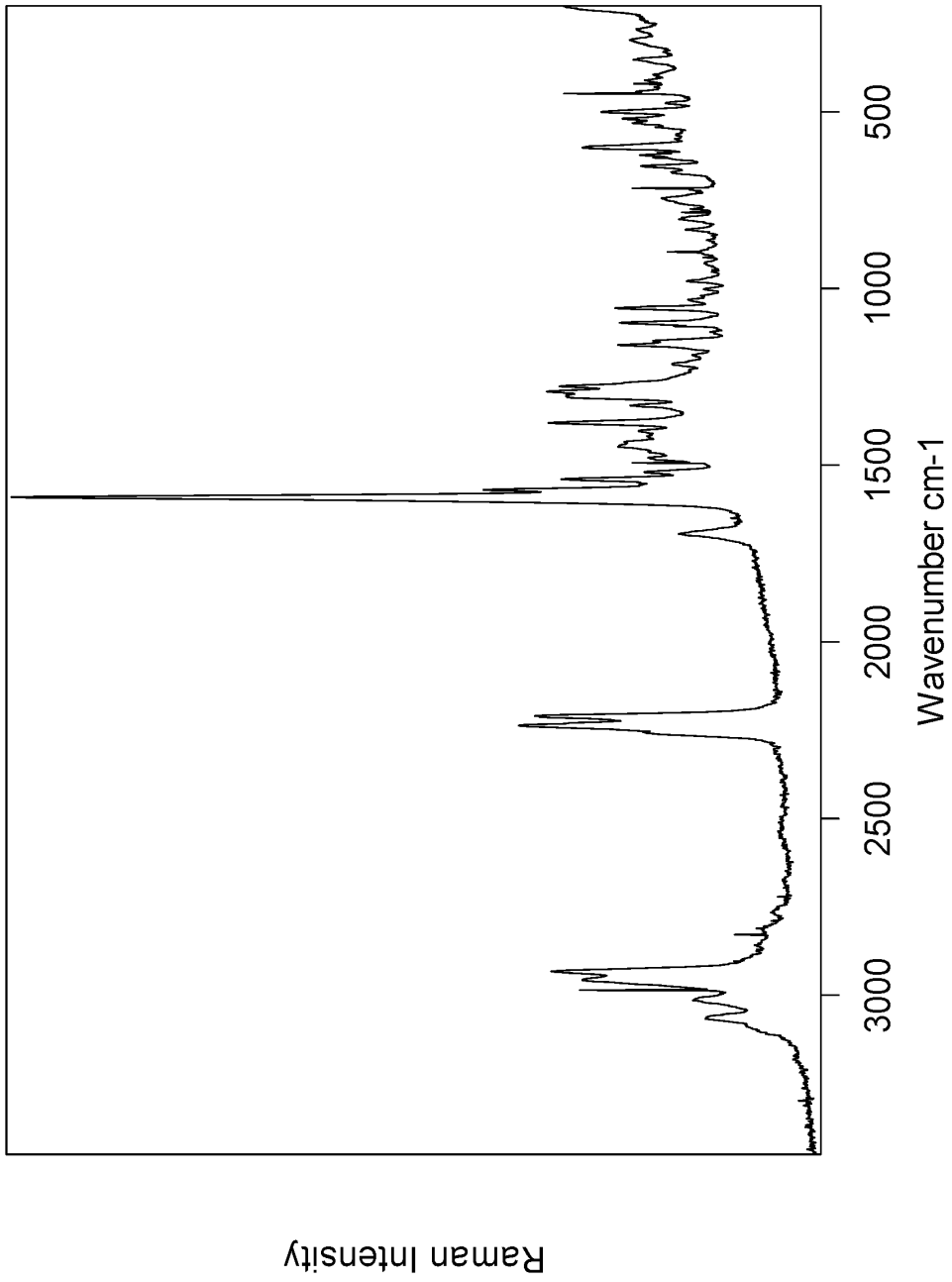
Raman Intensity
500
1000
1500
2000
2500
3000
Wavenumber cm-1

FIG. 8

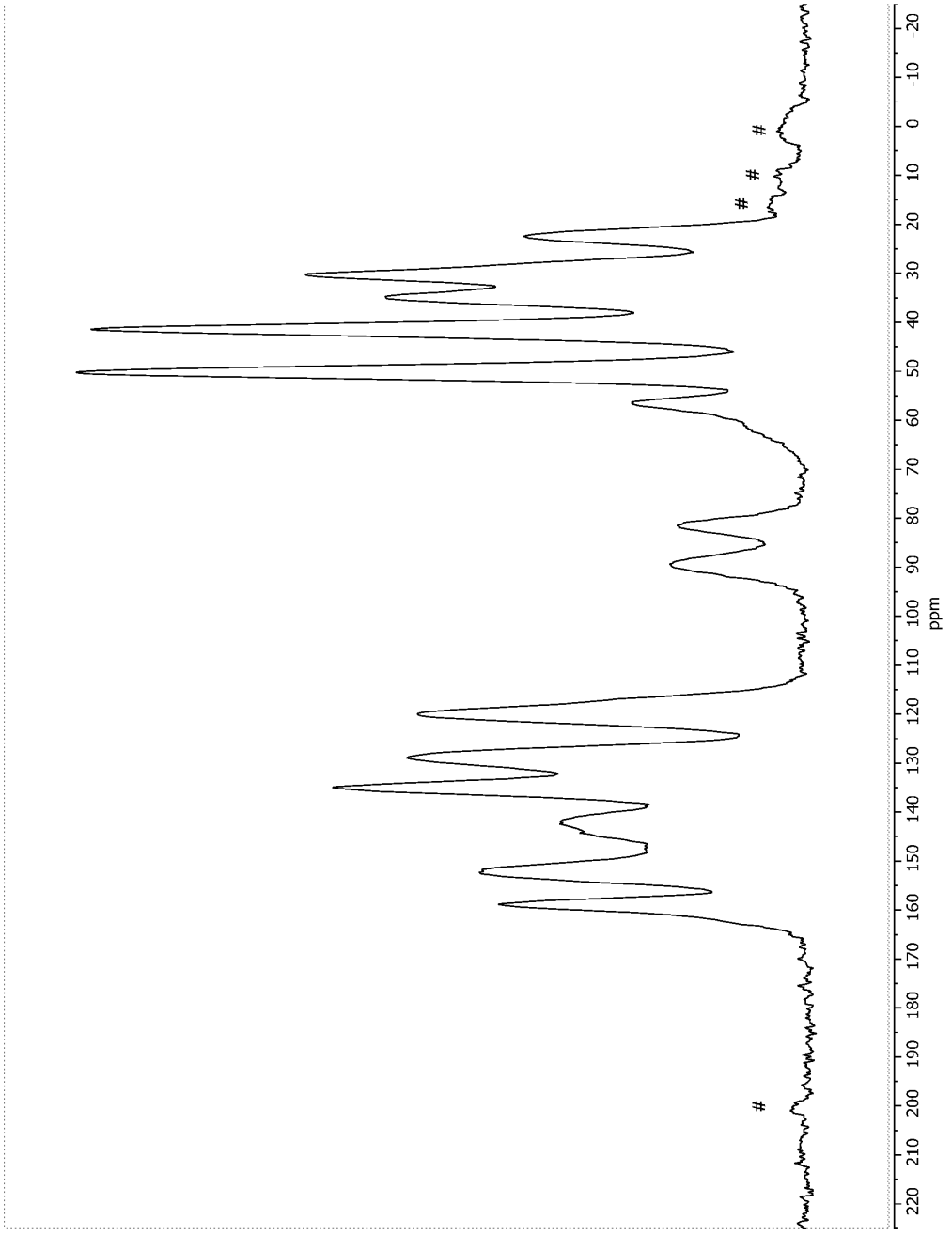
#
# #
#
-20
-10
0
10
20
30
40
50
60
70
80
90
100
110
120
130
140
150
160
170
180
190
200
210
220
ppm

FIG. 9

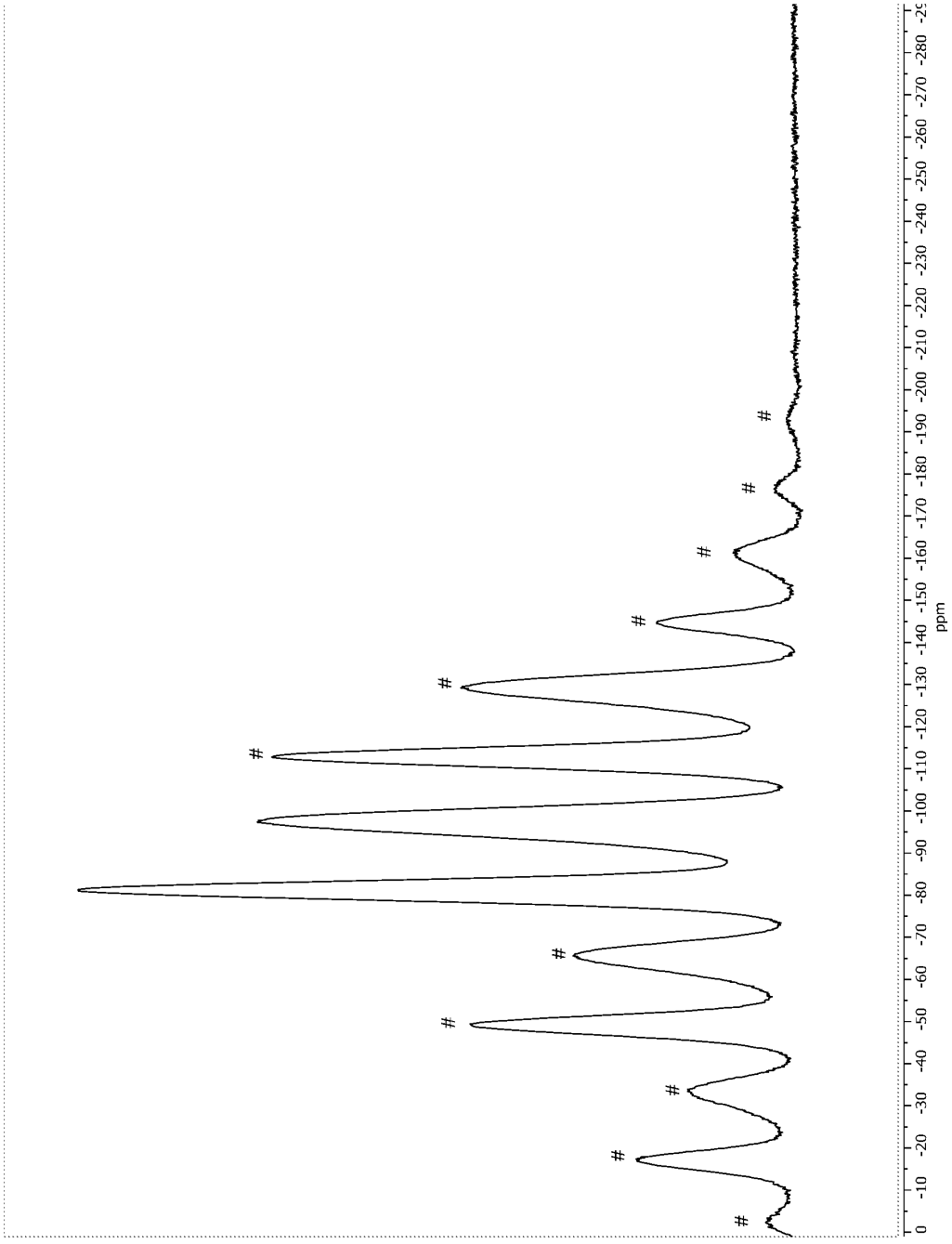
#
0 -10 -20 -30 -40 -50 -60 -70 -80 -90 -100 -110 -120 -130 -140 -150 -160 -170 -180 -190 -200 -210 -220 -230 -240 -250 -260 -270 -280
ppm

FIG. 10

