FIG. 1

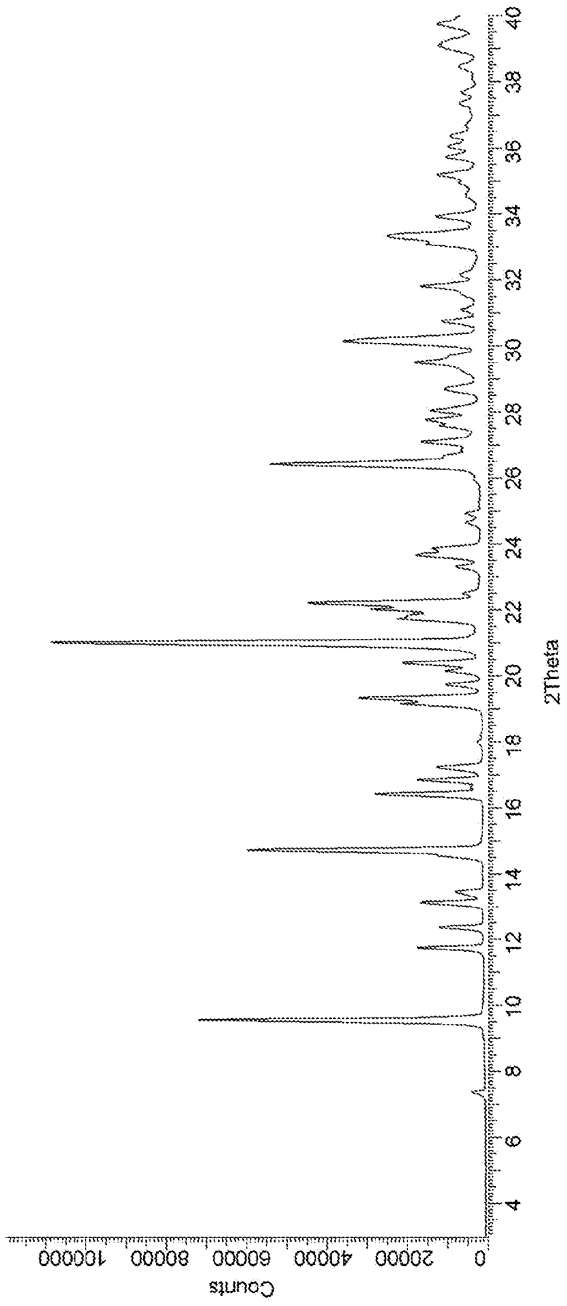
Counts
0
20000
40000
60000
80000
100000
2Theta
4
6
8
10
12
14
16
18
20
22
24
26
28
30
32
34
36
38
40

FIG. 2

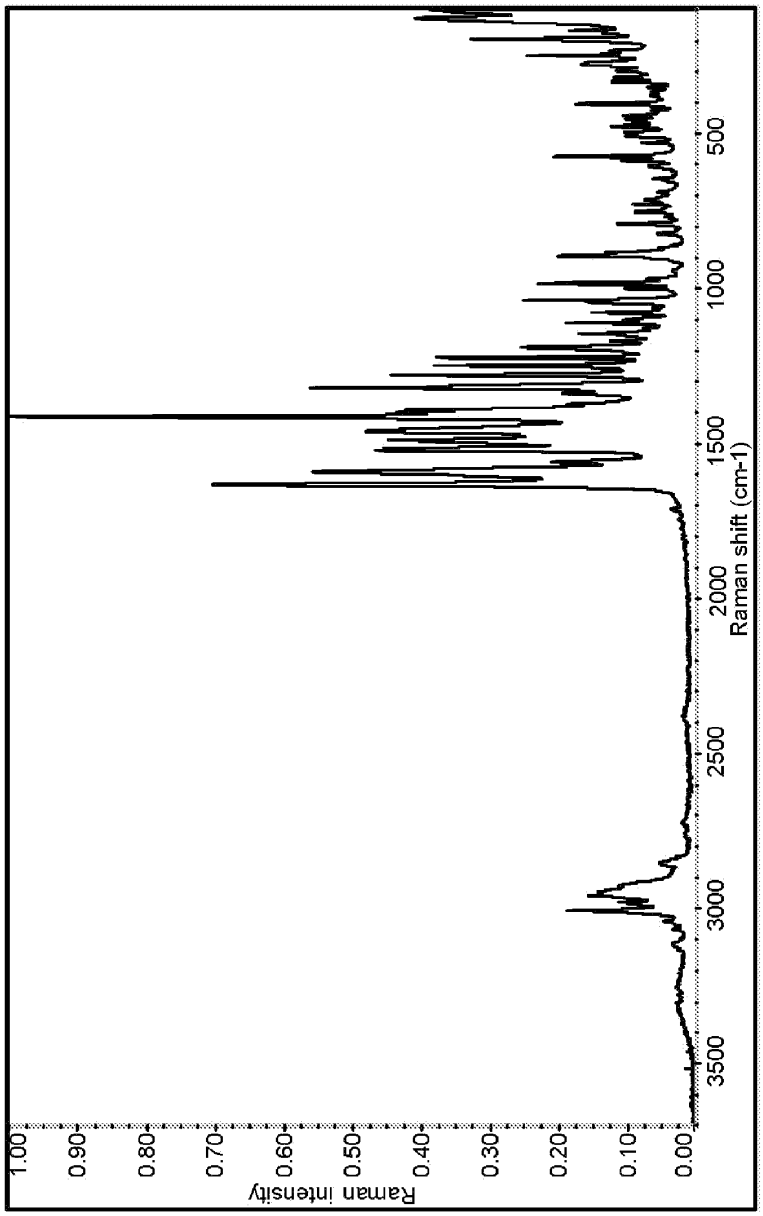
Raman intensity
1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
3500
3000
2500
2000
1500
1000
500
Raman shift (cm-1)

FIG. 3

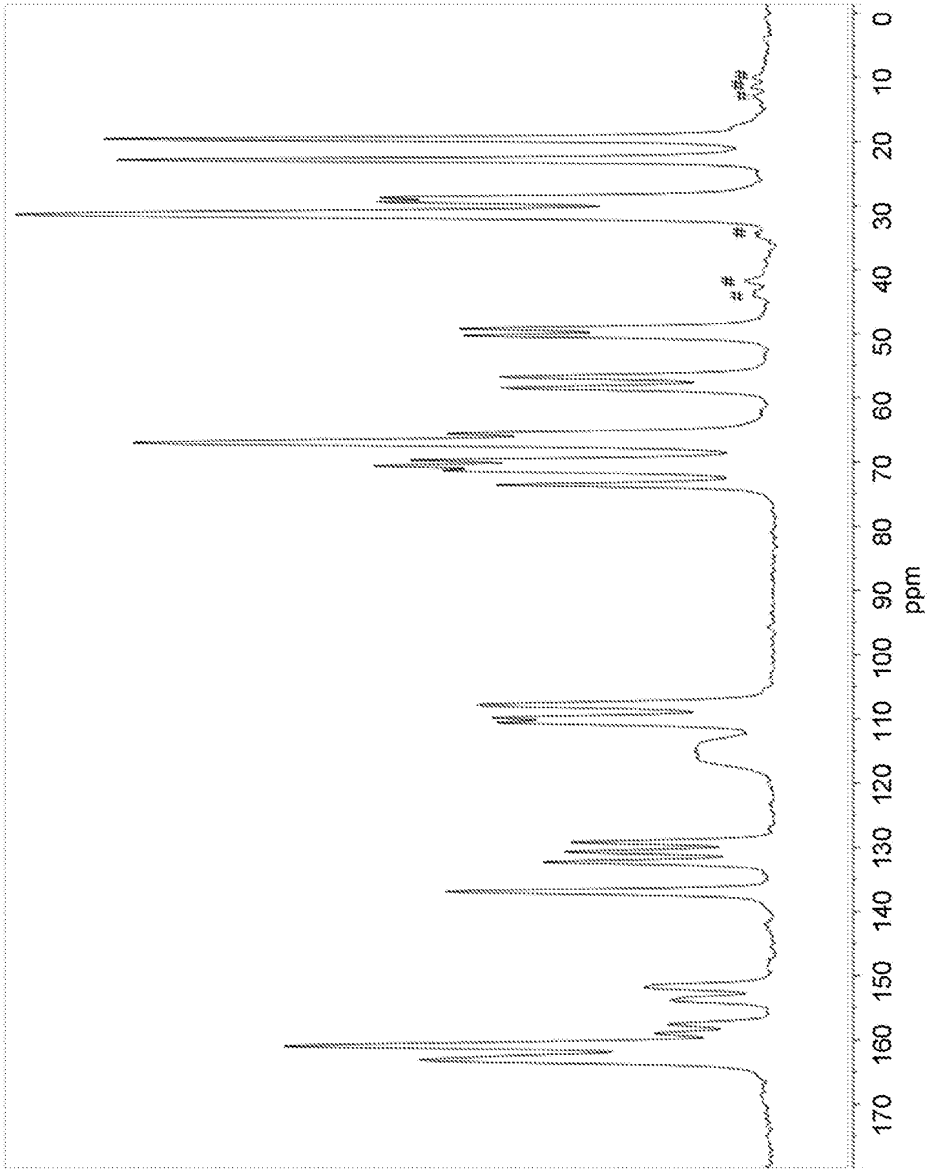

FIG. 4

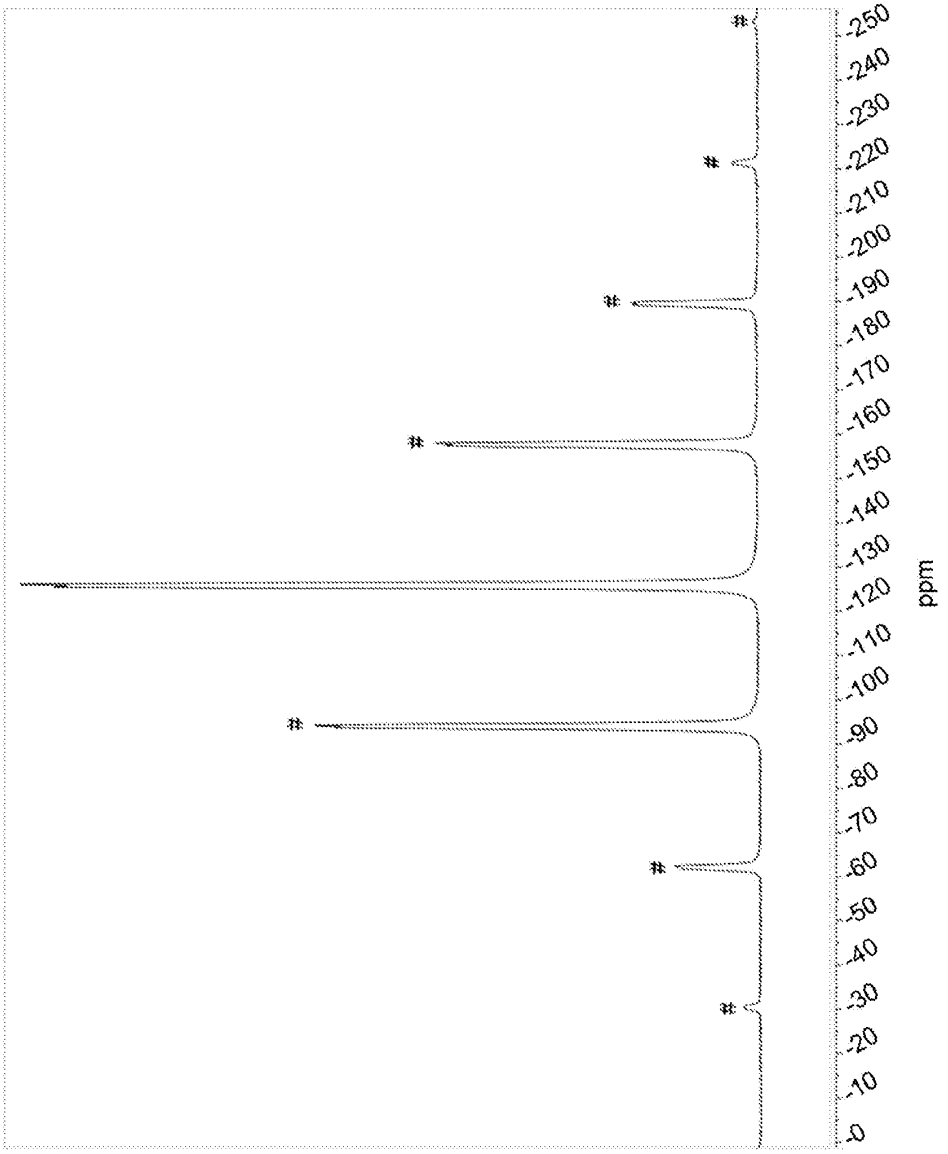
-250
-240
-230
-220
-210
-200
-190
-180
-170
-160
-150
-140
-130
-120
-110
-100
-90
-80
-70
-60
-50
-40
-30
-20
-10
-0
ppm

FIG. 5

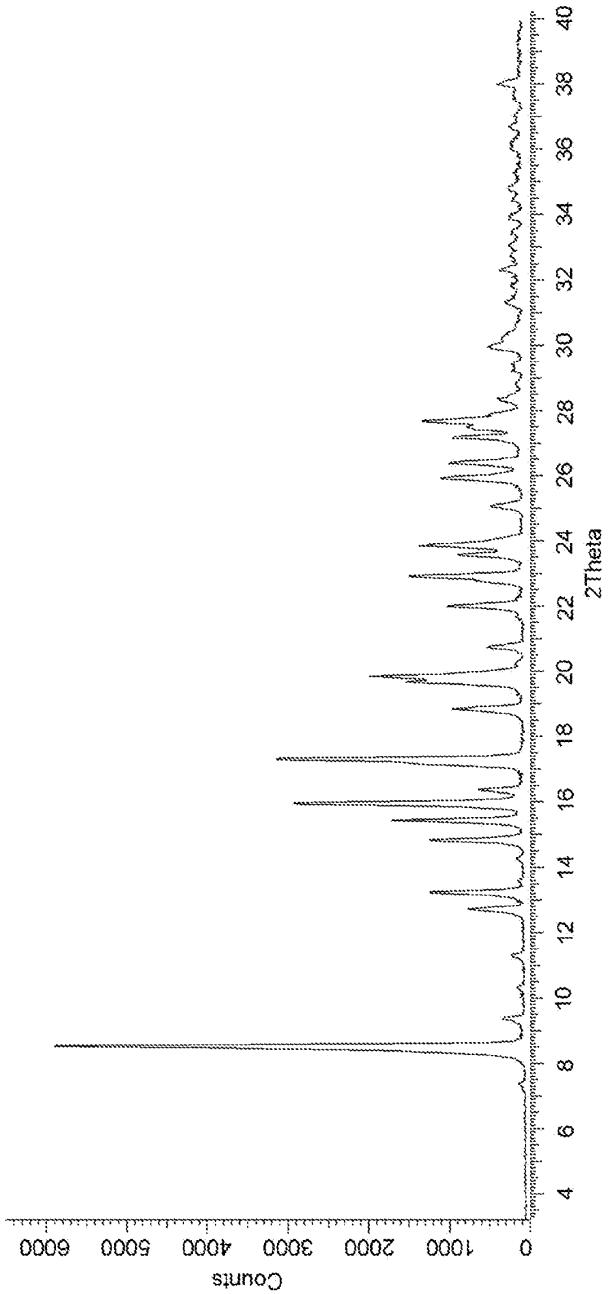
Counts
0
1000
2000
3000
4000
5000
6000
2Theta
4
6
8
10
12
14
16
18
20
22
24
26
28
30
32
34
36
38
40

FIG. 6

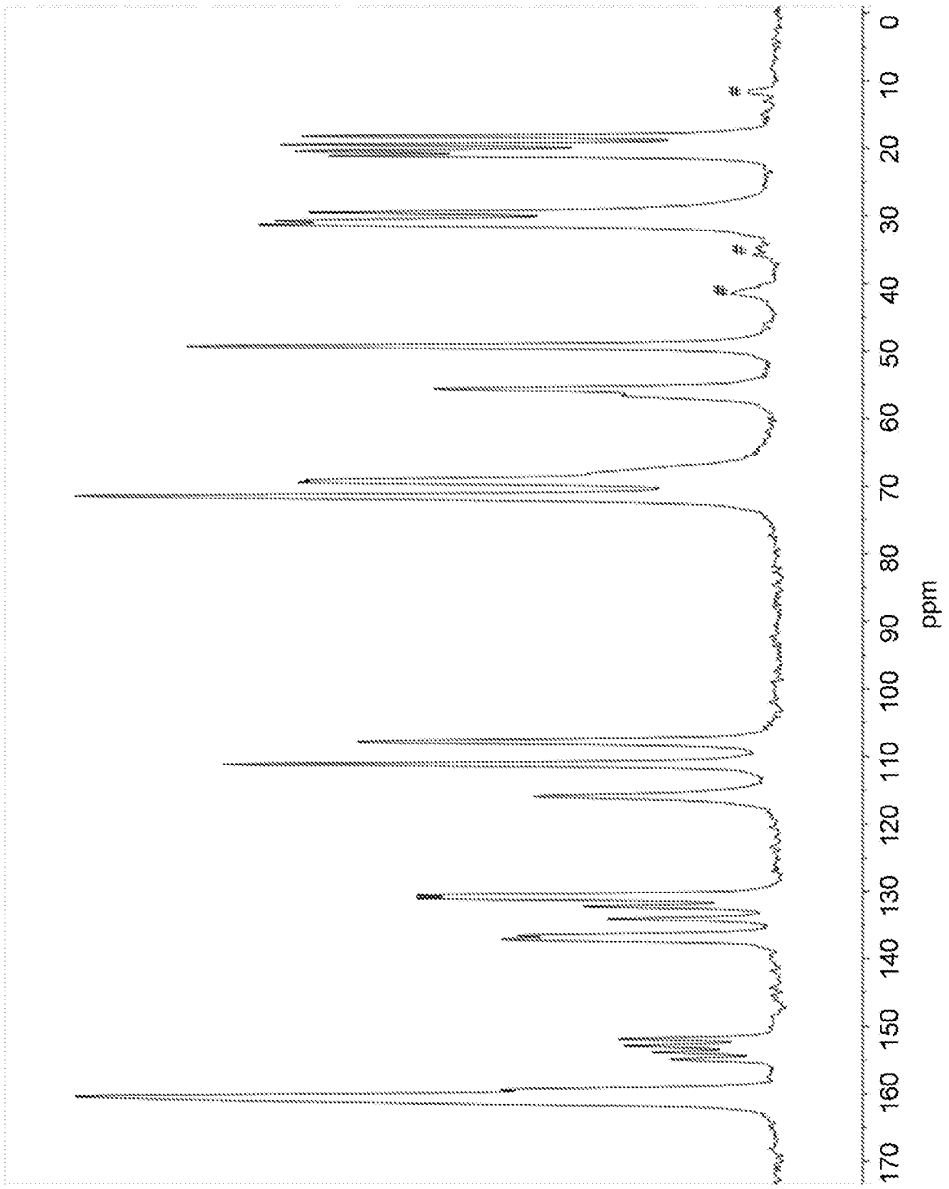

FIG. 7

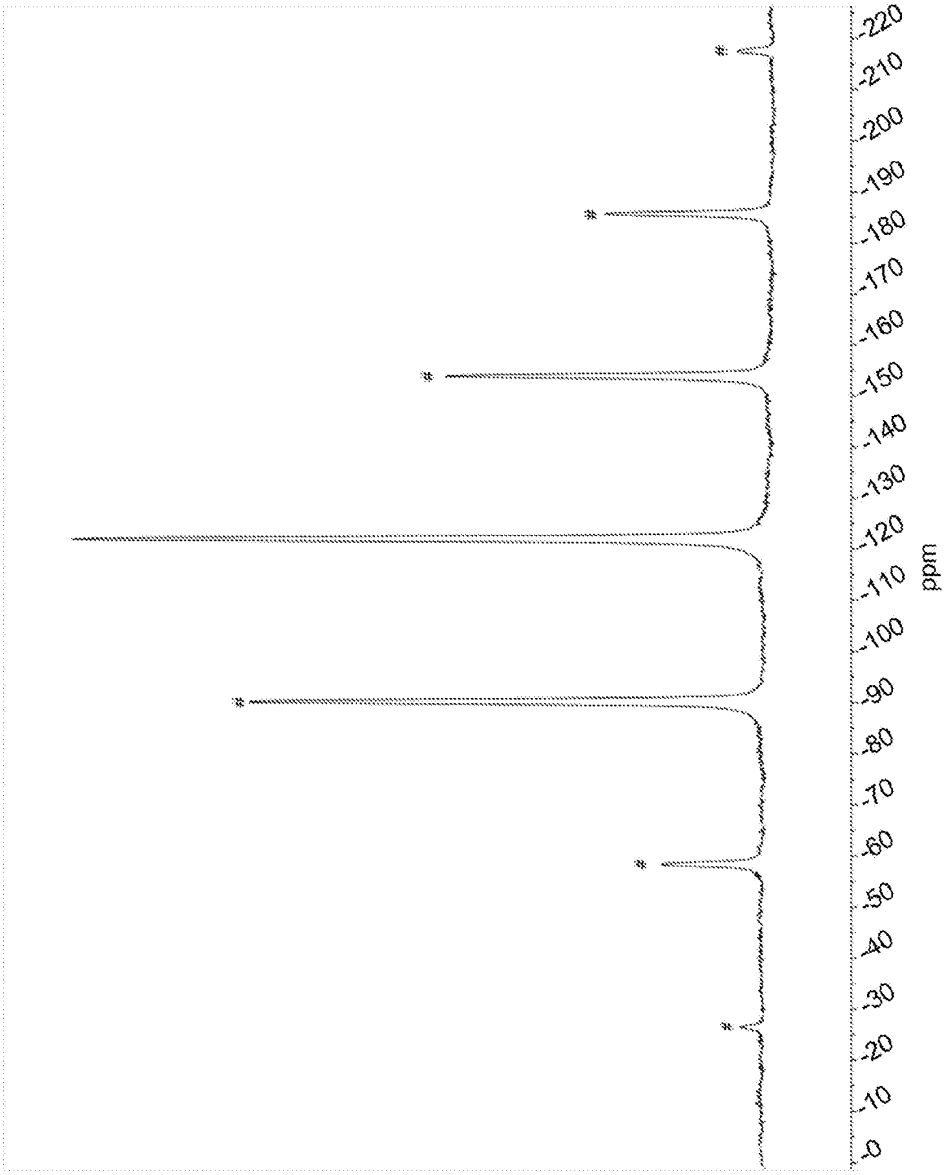
-220
-210
-200
-190
-180
-170
-160
-150
-140
-130
-120
-110
-100
-90
-80
-70
-60
-50
-40
-30
-20
-10
-0
ppm

FIG. 8

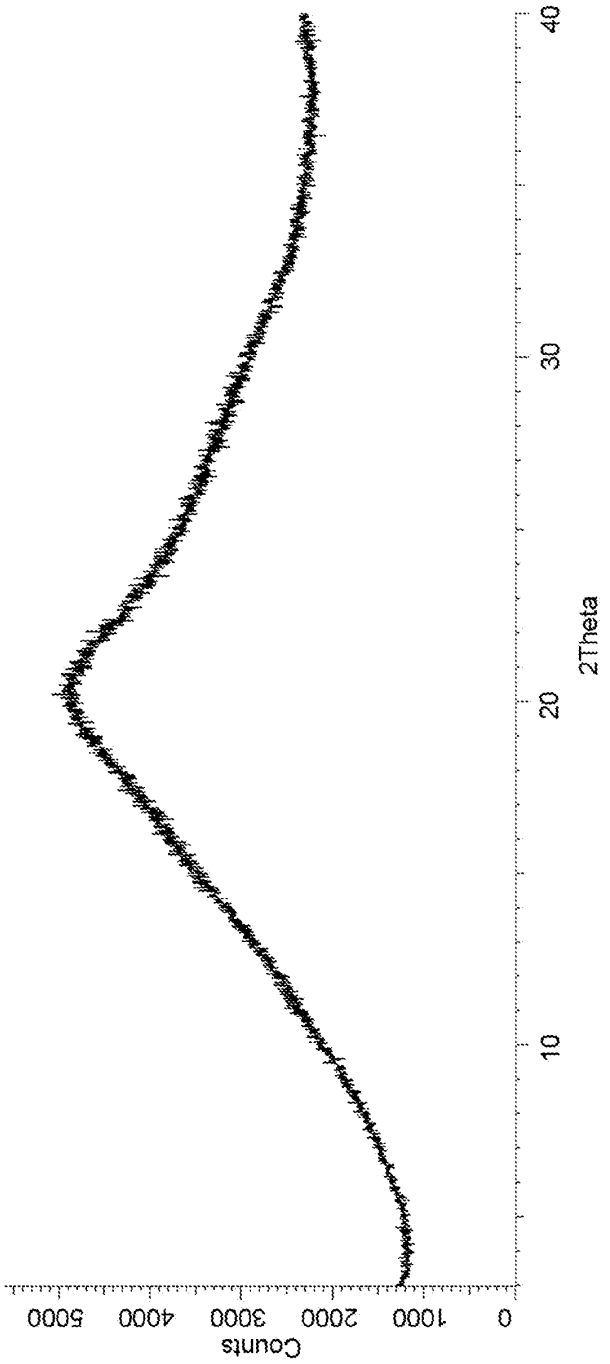

FIG. 9

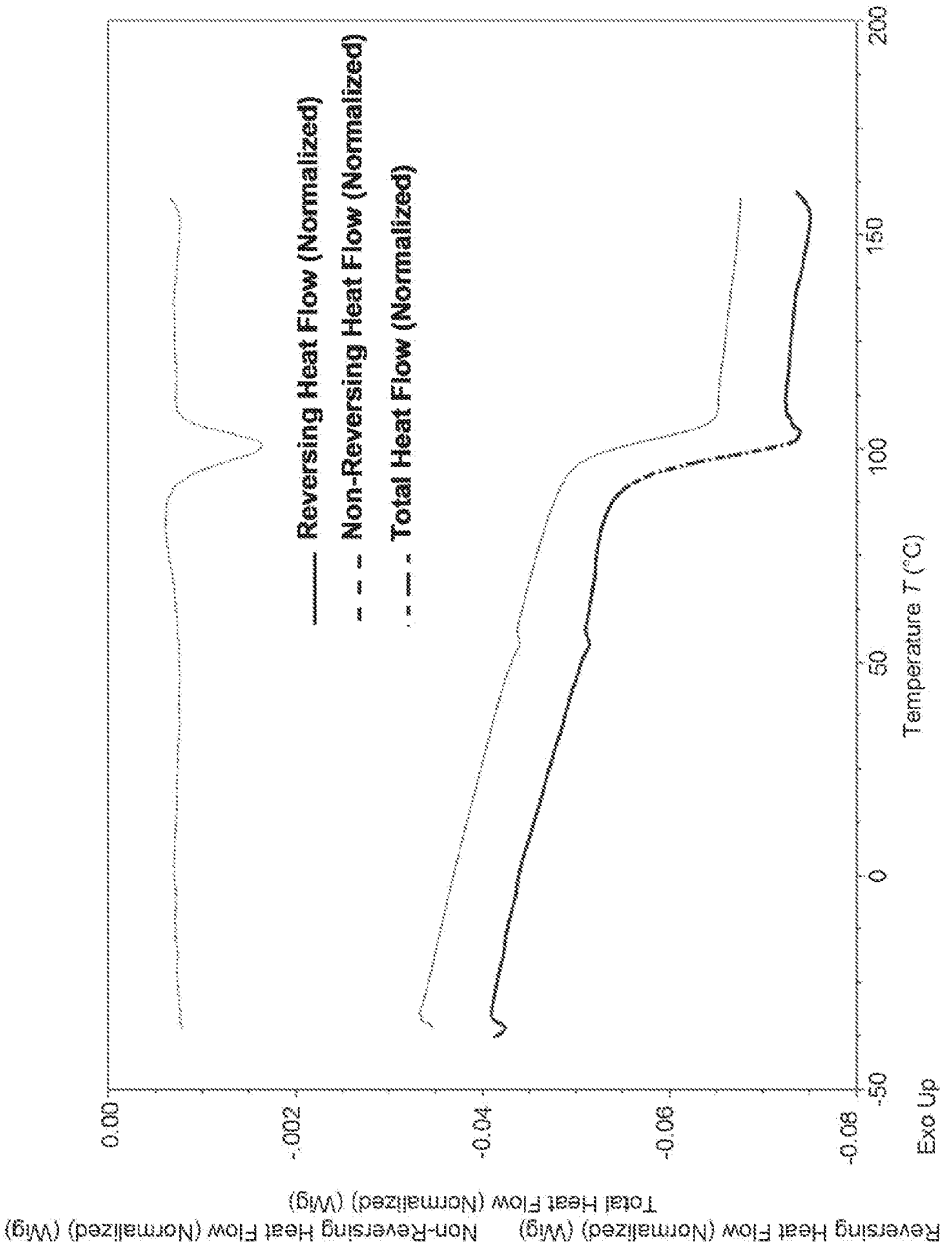
Reversing Heat Flow (Normalized)
Non-Reversing Heat Flow (Normalized)
Total Heat Flow (Normalized)
0.00
-.002
-0.04
-0.06
-0.08
-50
0
50
100
150
200
Temperature T (°C)
Exo Up
Reversing Heat Flow (Normalized) (Wlg)
Non-Reversing Heat Flow (Normalized) (Wlg)
Total Heat Flow (Normalized) (Wlg)

FIG. 10

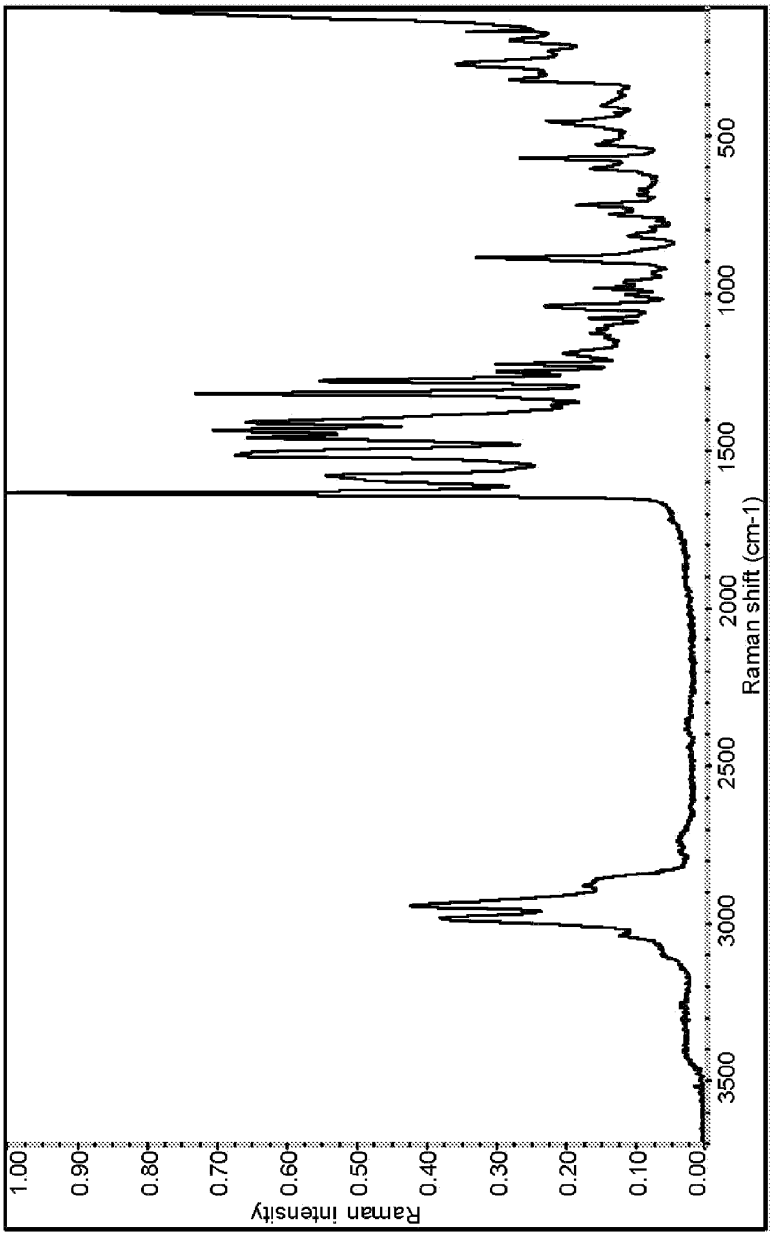
Raman intensity
1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
Raman shift (cm-1)
500
1000
1500
2000
2500
3000
3500

FIG. 11

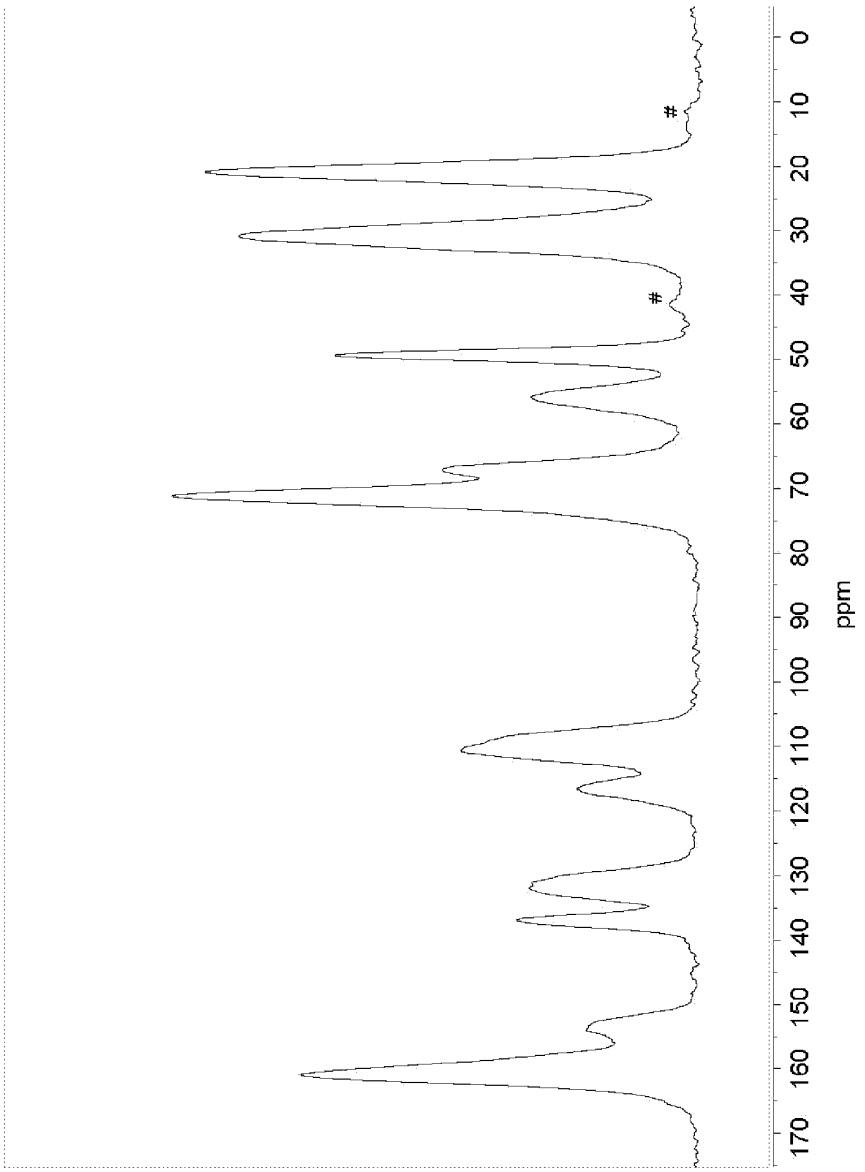

FIG. 12

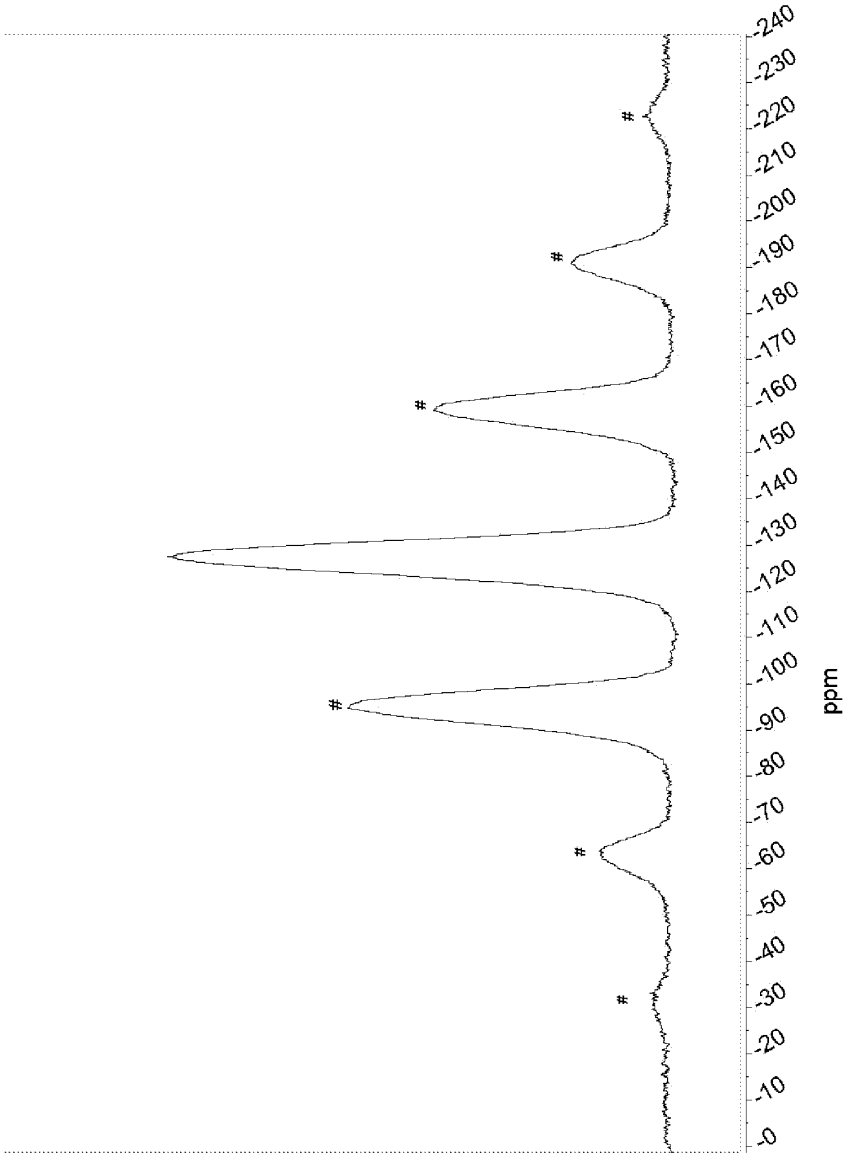
-240
-230
-220
-210
-200
-190
-180
-170
-160
-150
-140
-130
-120
-110
-100
-90
-80
-70
-60
-50
-40
-30
-20
-10
-0
ppm
#
#
#
#
#
#

FIG. 13

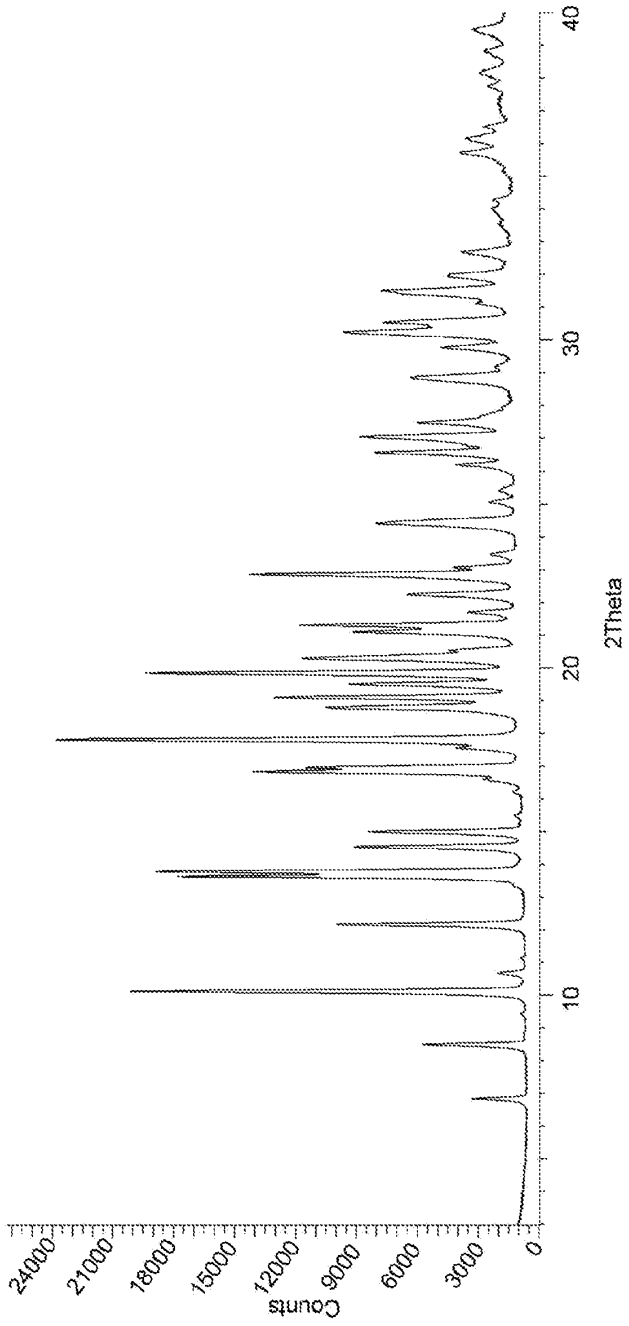
Counts
24000
21000
18000
15000
12000
9000
6000
3000
0
10
20
30
40
2Theta

FIG. 14

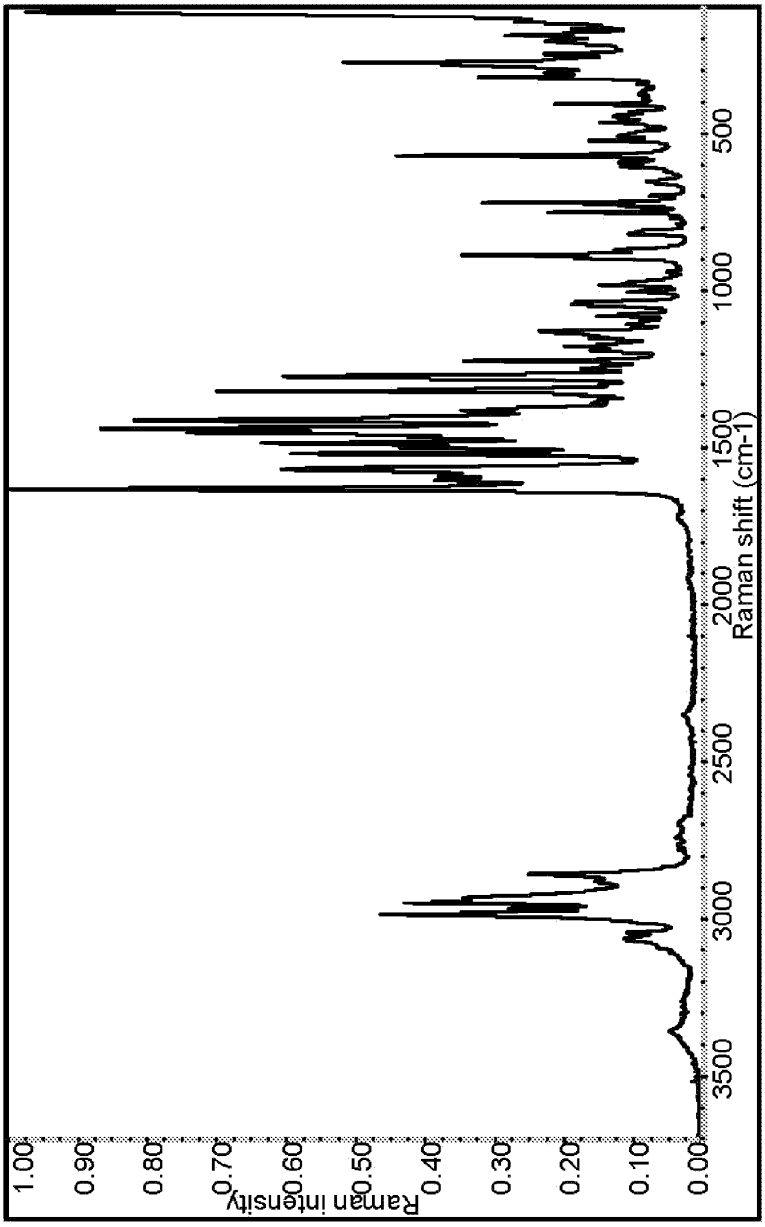
Raman intensity
1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00
500
1000
1500
2000
2500
3000
3500
Raman shift (cm-1)

FIG. 15

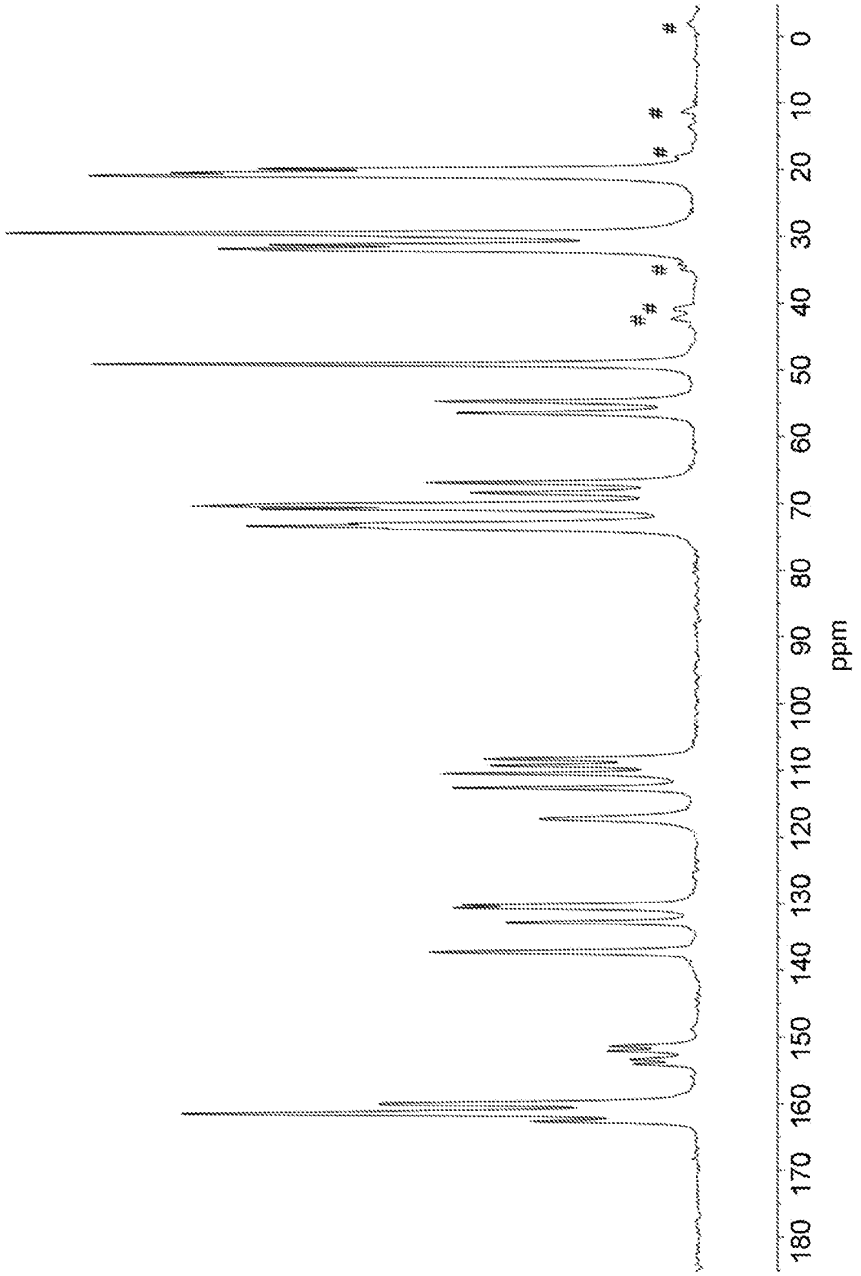

FIG. 16

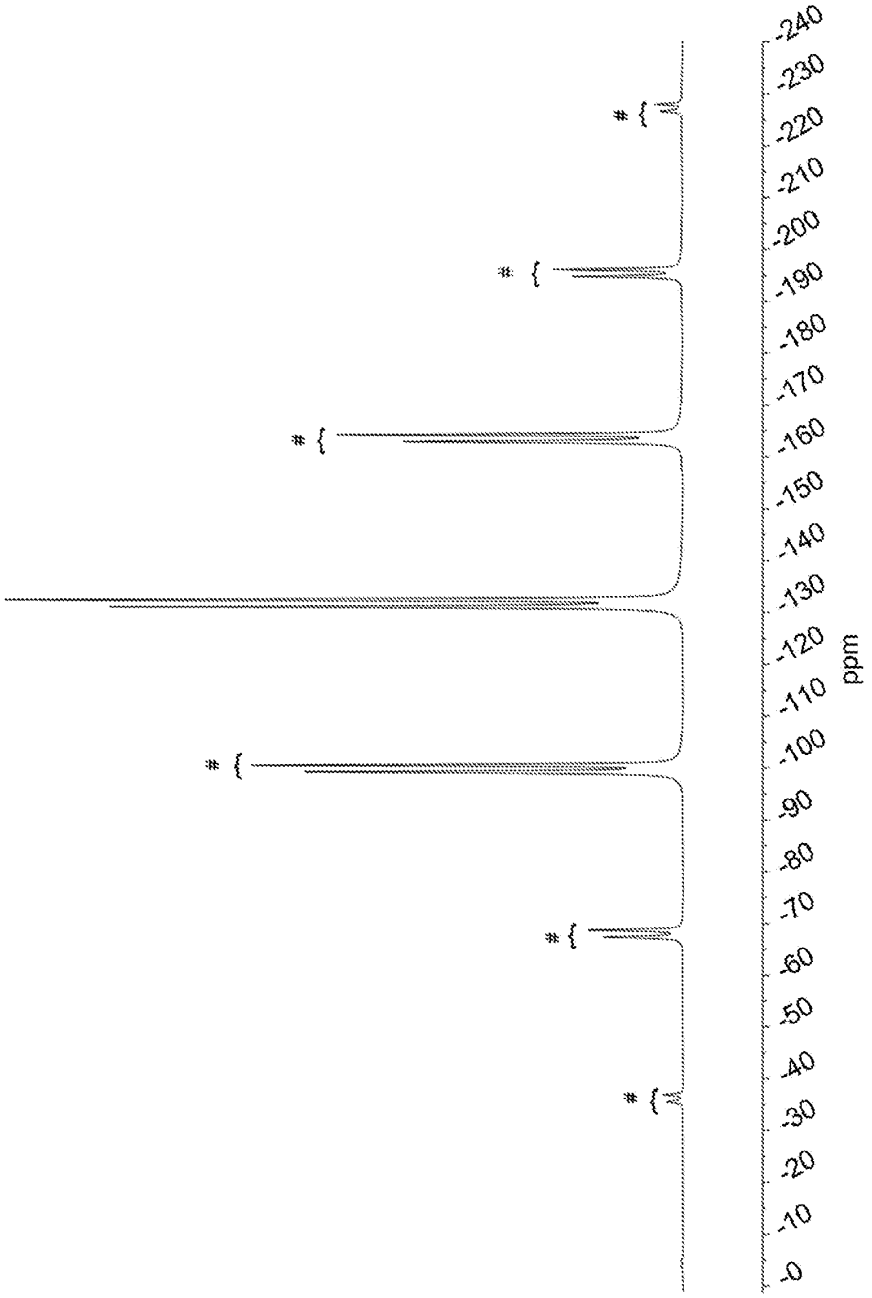
-240
-230
-220
-210
-200
-190
-180
-170
-160
-150
-140
-130
-120
-110
-100
-90
-80
-70
-60
-50
-40
-30
-20
-10
-0
ppm

FIG. 17

