FIG. 1

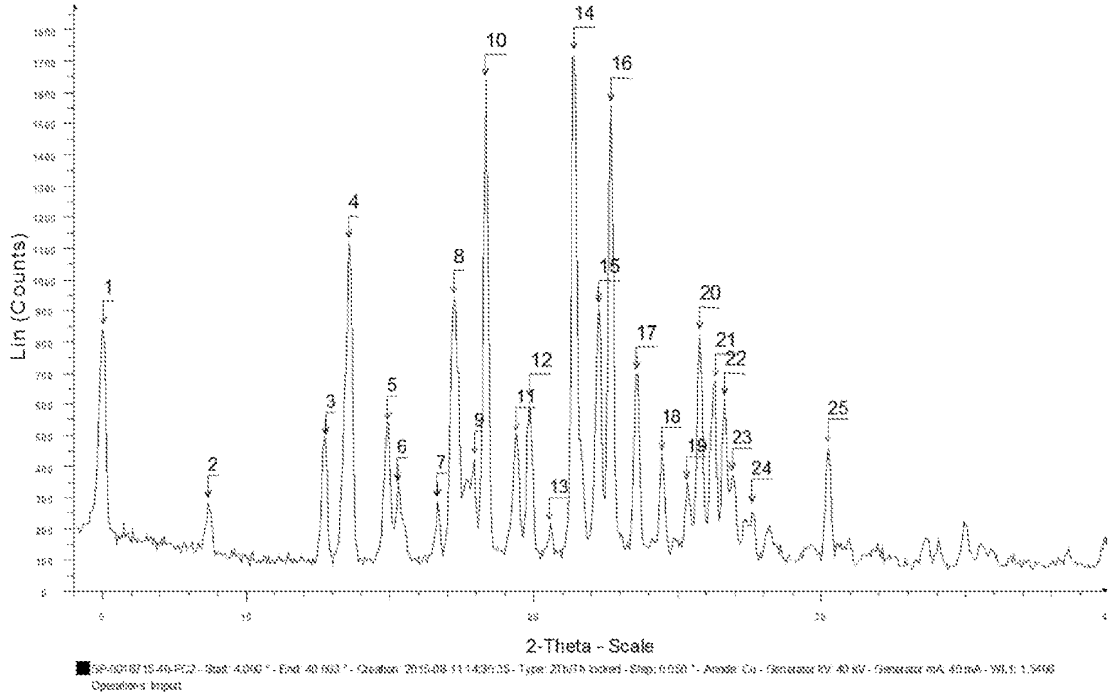

Lin (Counts)
2-Theta - Scale
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25

FIG. 2

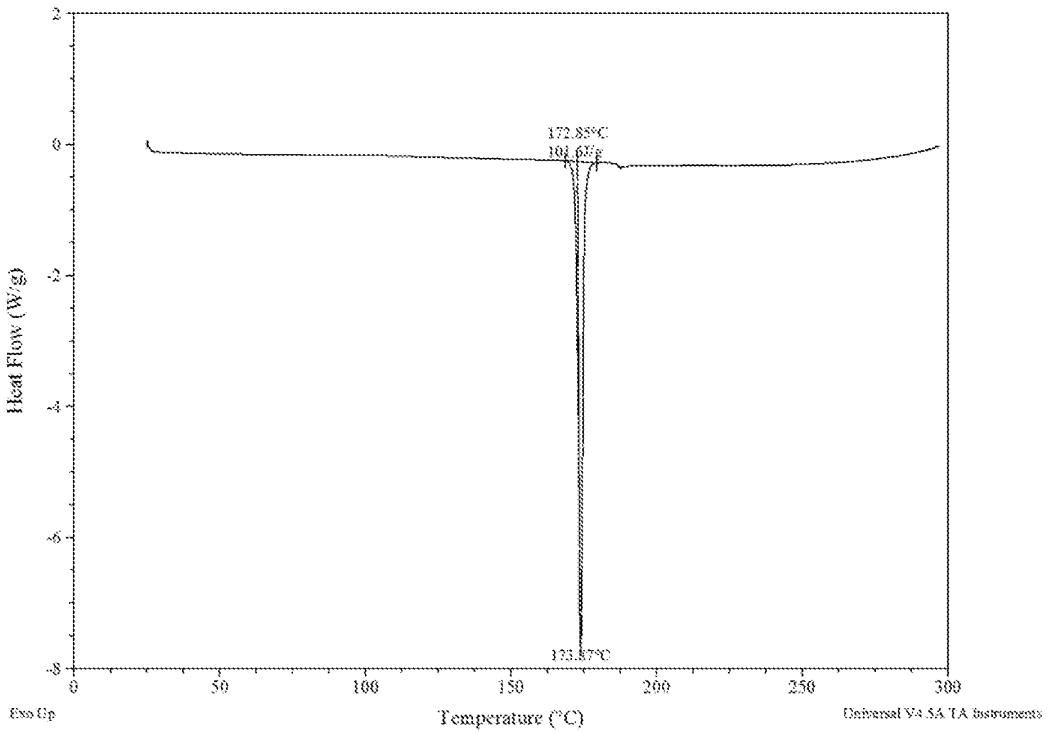

172.85°C
Heat Flow (W/g)
Temperature (°C)
Exo Up
Universal V4.5A TA Instruments

FIG. 3

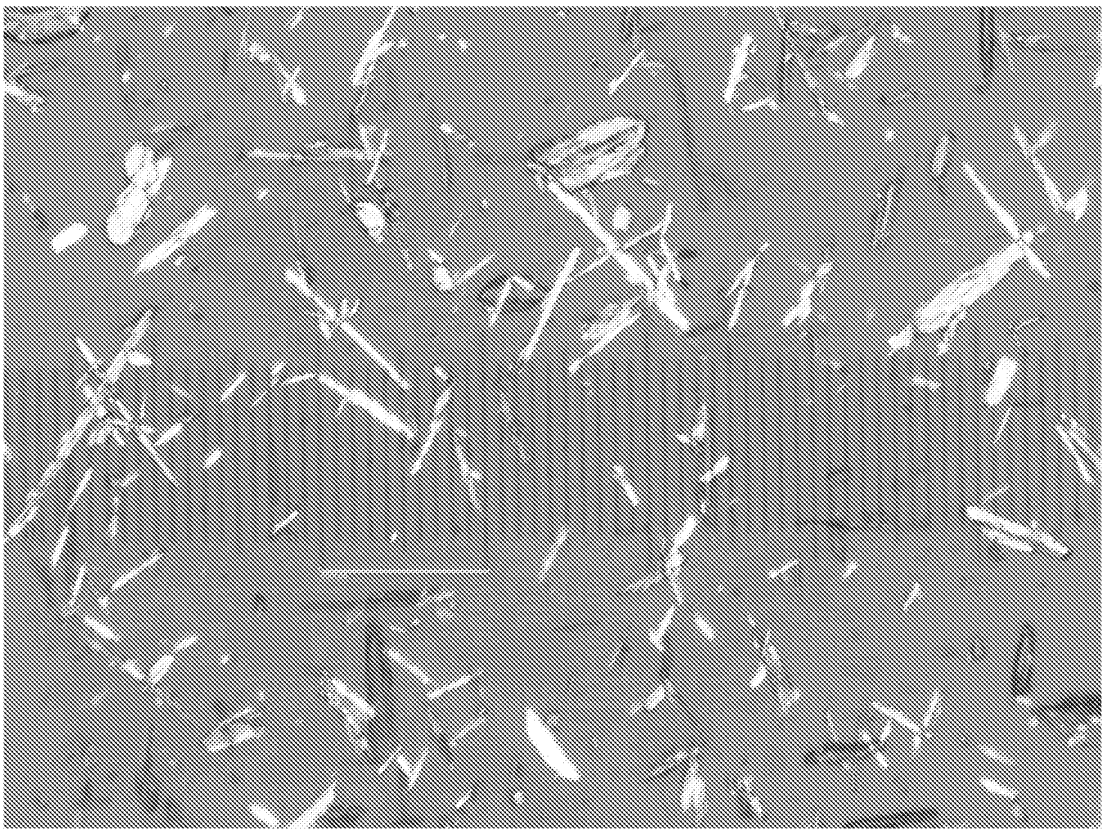


FIG. 4

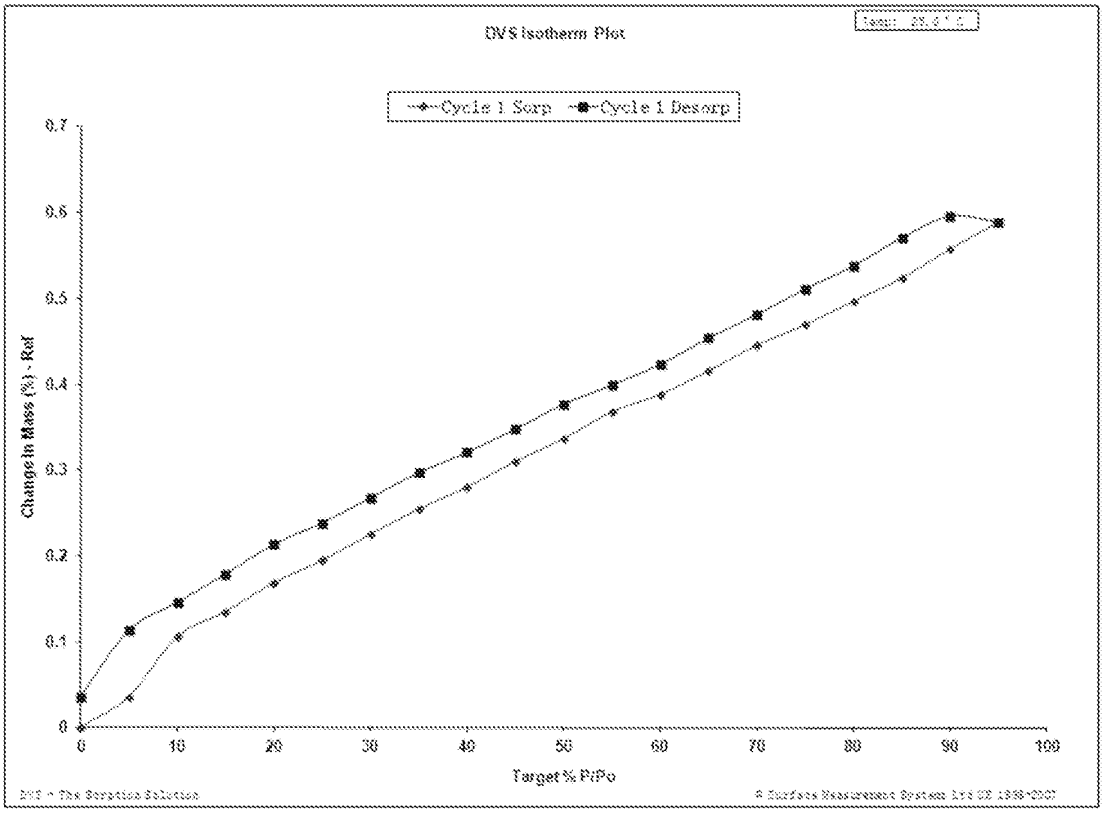

DVS Isotherm Plot
Cycle 1 Sorp
Cycle 1 Desorp
Change in Mass (%) - Ref
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
0
10
20
30
40
50
60
70
80
90
100
Target % P/Po

FIG. 5

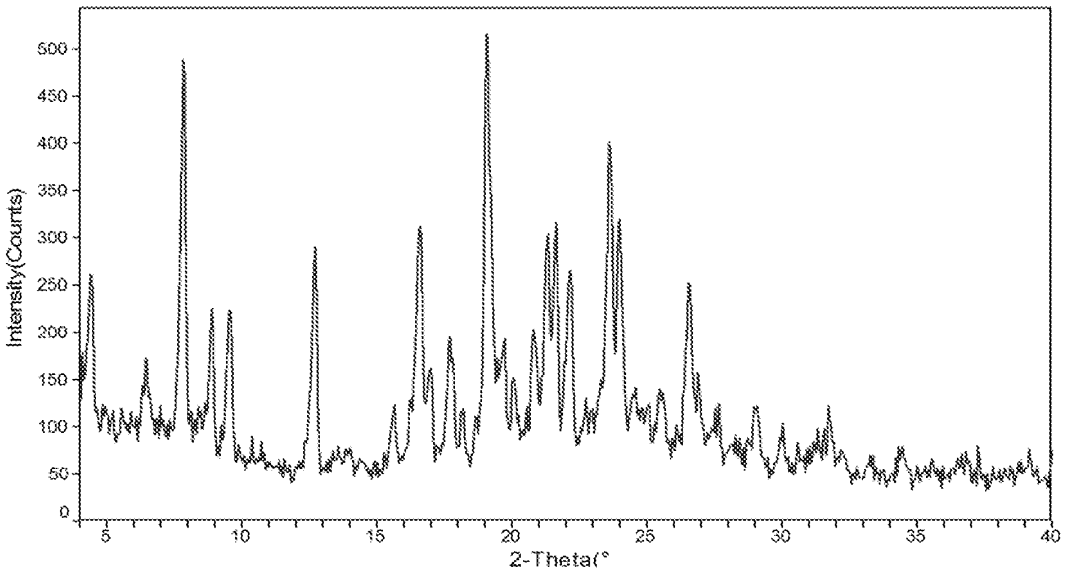

Intensity(Counts)
500
450
400
350
300
250
200
150
100
50
0
5
10
15
20
25
30
35
40
2-Theta(°

FIG. 6

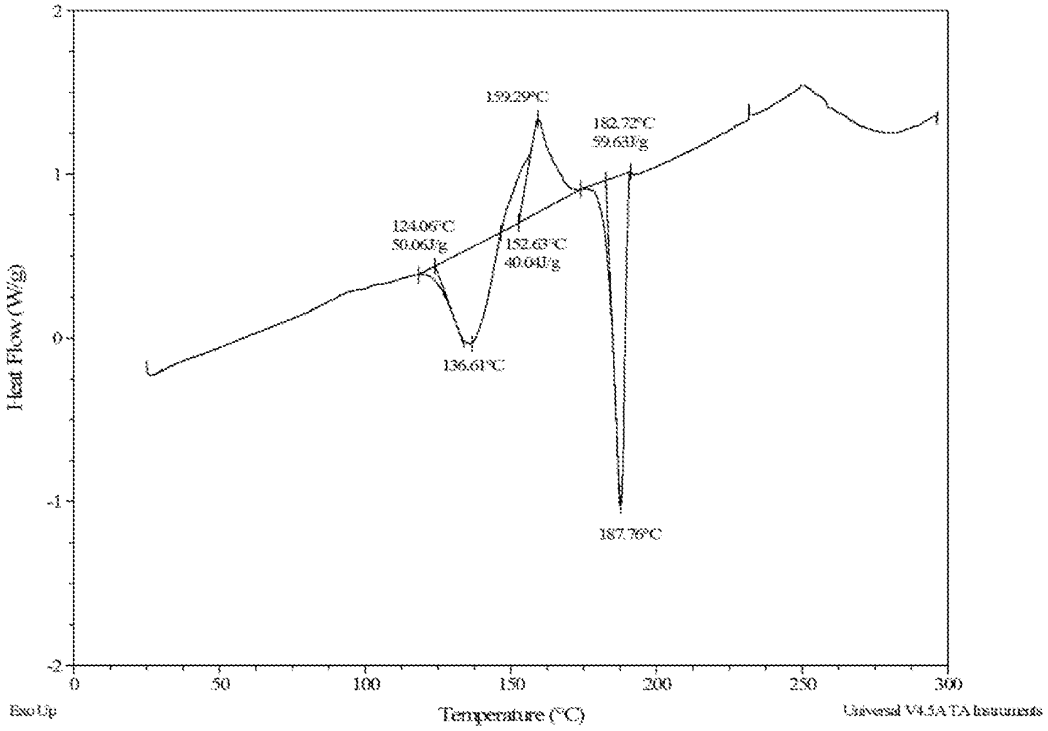

159.29°C
182.72°C
99.63J/g
124.06°C
50.06J/g
152.63°C
40.04J/g
136.61°C
187.76°C
Heat Flow (W/g)
Temperature (°C)
Exo Up
Universal V4.5A TA Instruments
2
1
0
-1
-2
0
50
100
150
200
250
300

FIG. 7

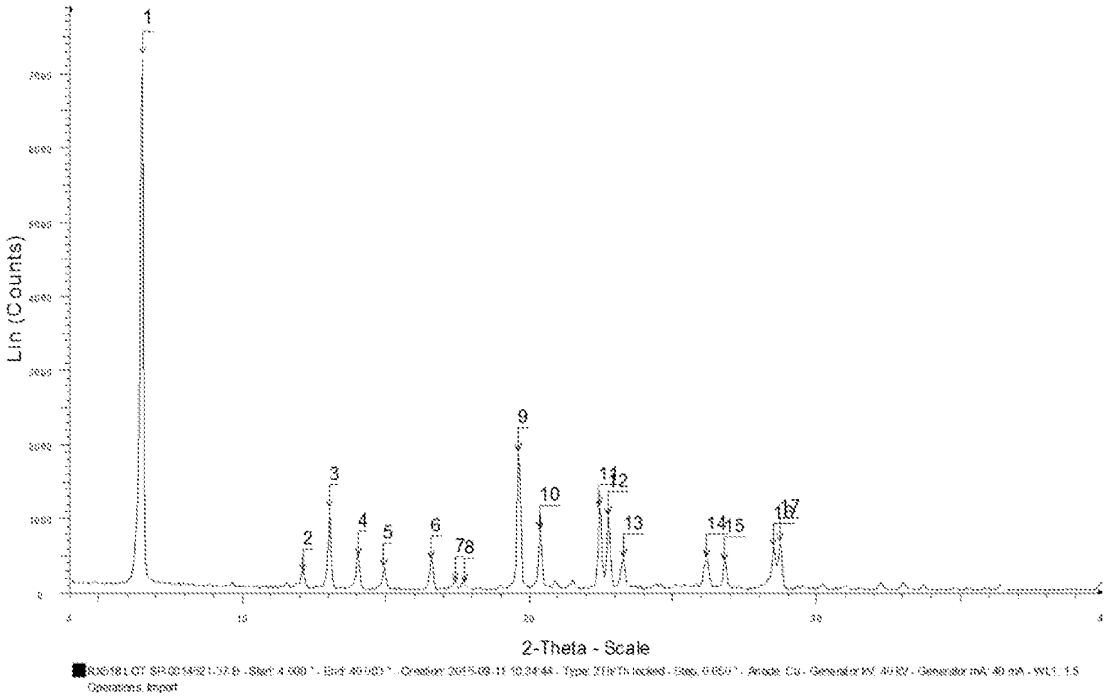


FIG. 8

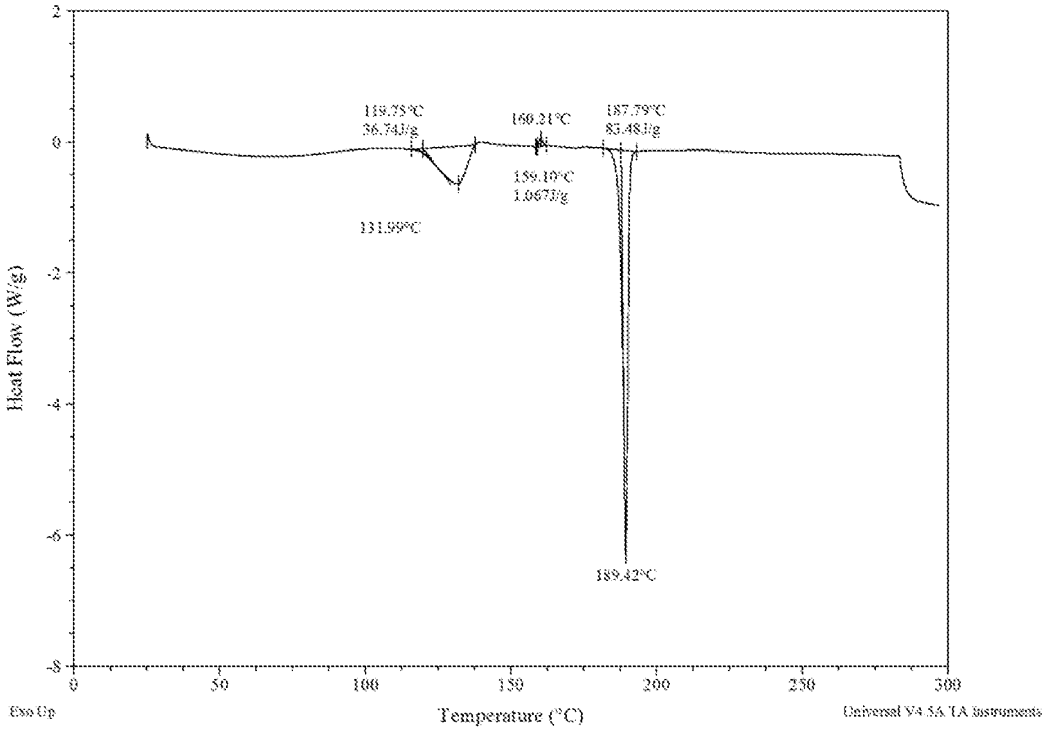

119.75°C
56.74J/g
160.21°C
187.79°C
83.48J/g
159.19°C
1.067J/g
131.99°C
189.42°C
Heat Flow (W/g)
Temperature (°C)
Exo Up
Universal V4.5A TA Instruments

FIG. 9

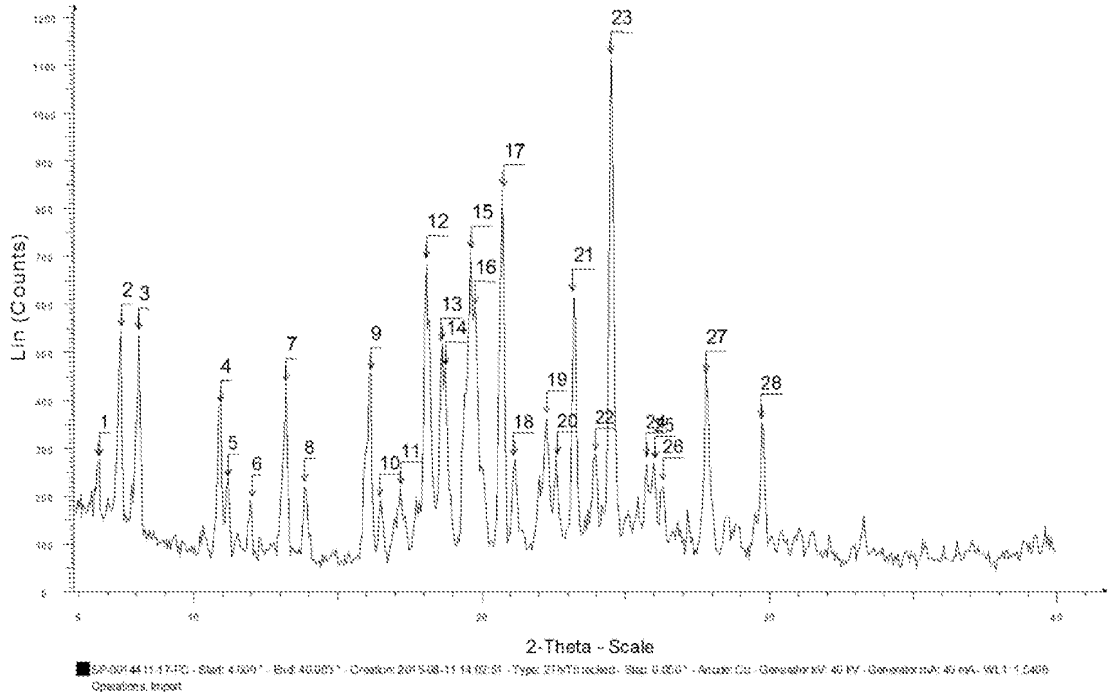

Lin (Counts)
2-Theta - Scale
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28

FIG. 10

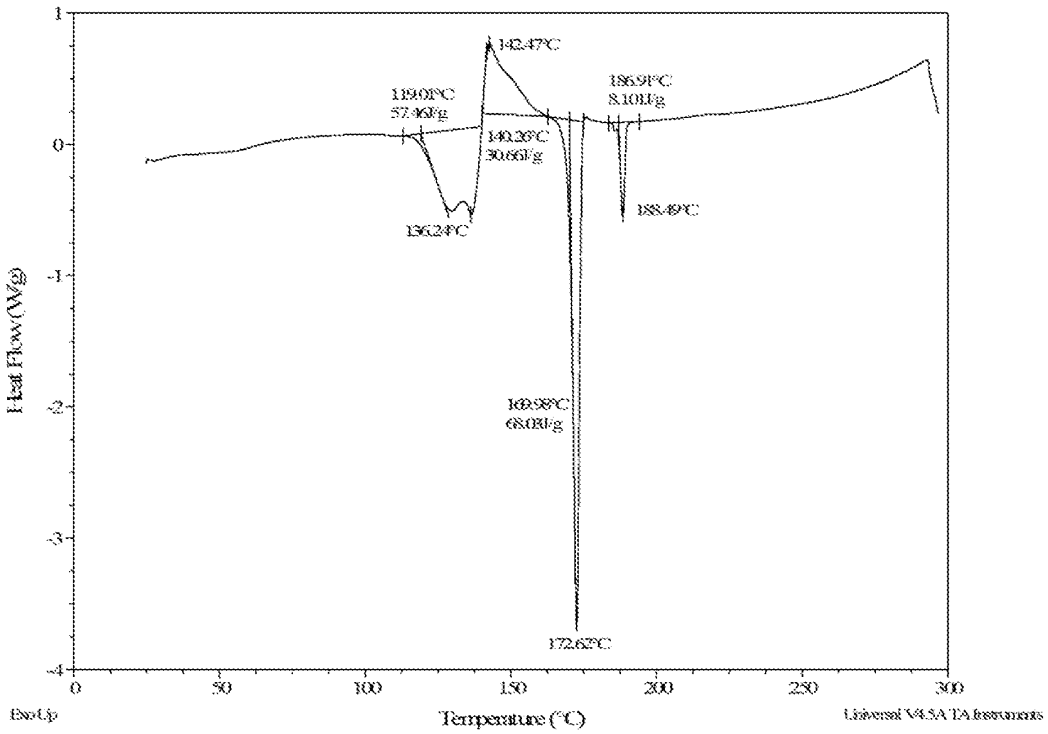

142.47°C
119.01°C
57.46J/g
140.26°C
30.66J/g
136.24°C
186.9°C
8.10J/g
188.49°C
169.98°C
68.03J/g
172.62°C
Heat Flow (W/g)
Temperature (°C)
Exo Up
Universal V4.5A TA Instruments

FIG. 11

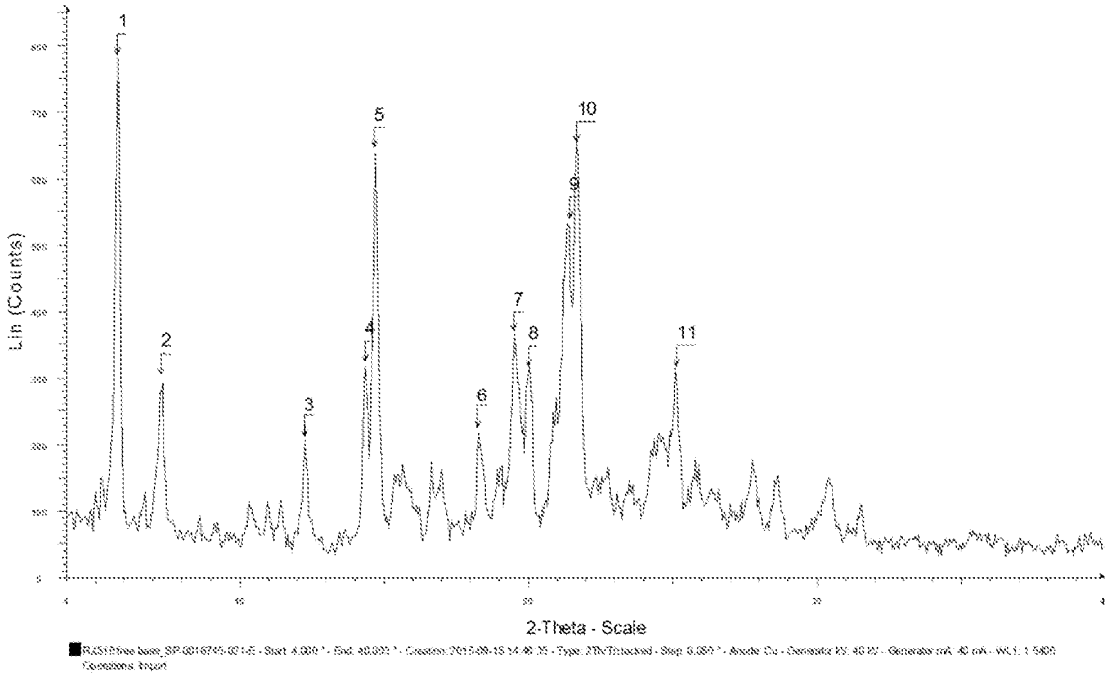


FIG. 12

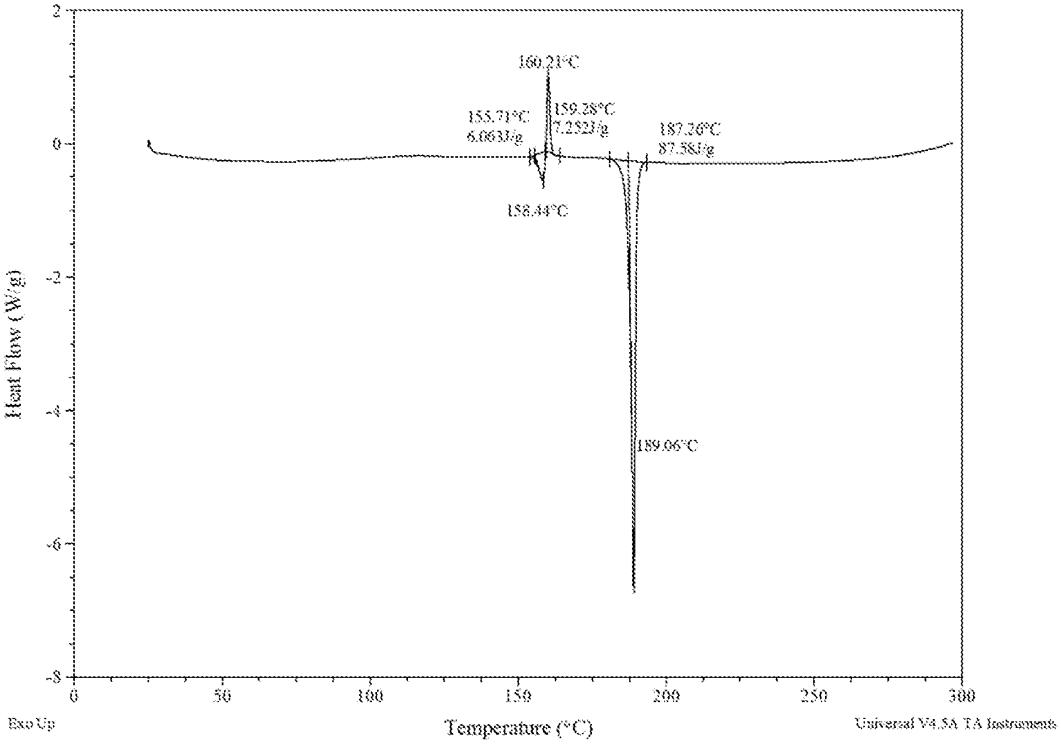

160.21°C
159.28°C
7.2523J/g
155.71°C
6.0633J/g
187.26°C
87.38J/g
158.44°C
189.06°C
Heat Flow (W/g)
Temperature (°C)
Exo Up
Universal V4.5A TA Instruments

FIG. 13

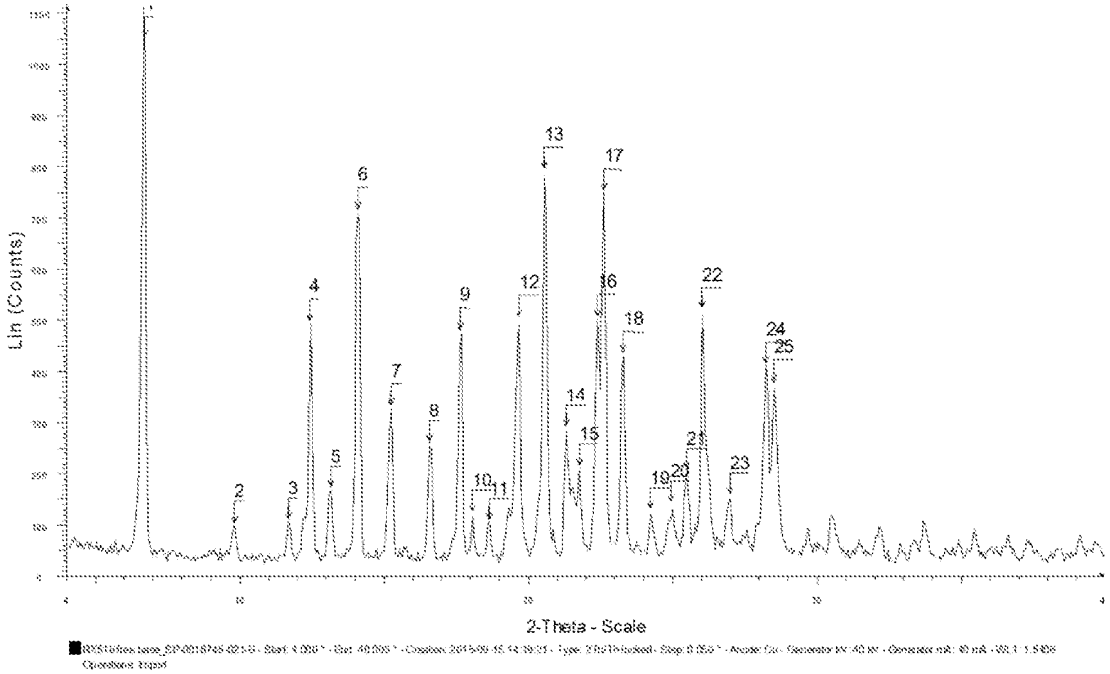

Lin (Counts)
2-Theta - Scale
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25

FIG. 14

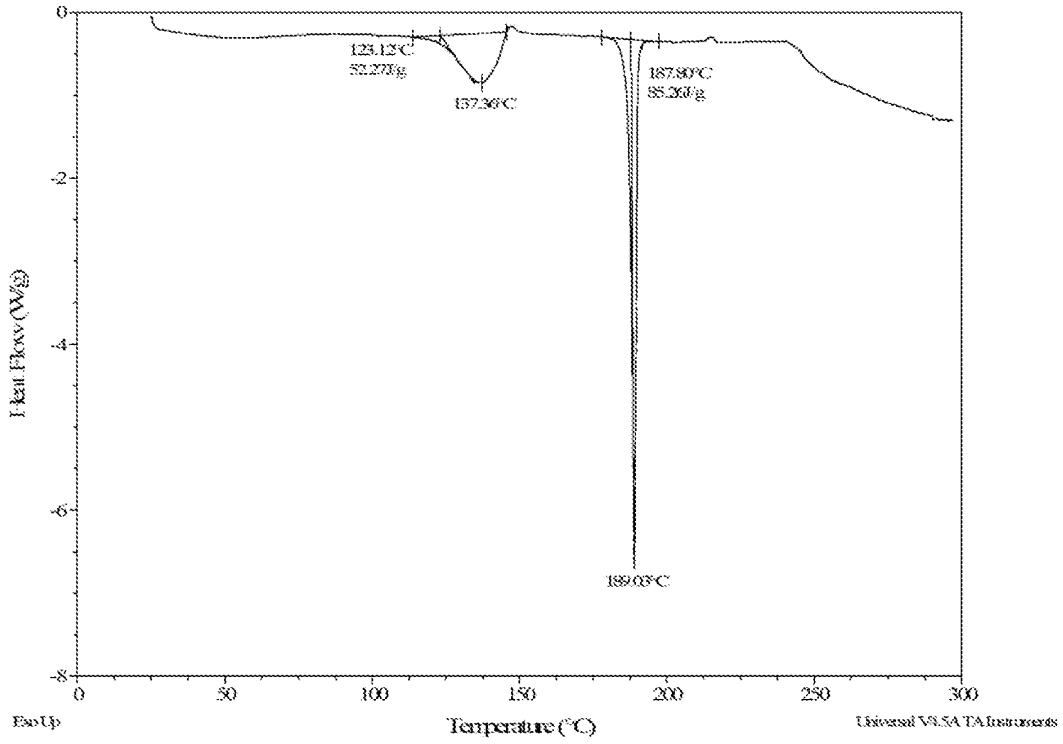

0
-2
-4
-6
-8
Heat Flow (W/g)
123.12°C
157.36°C
187.80°C
189.03°C
0
50
100
150
200
250
300
Temperature (°C)
Exo Up
Universal V4.5A TA Instruments

FIG. 15

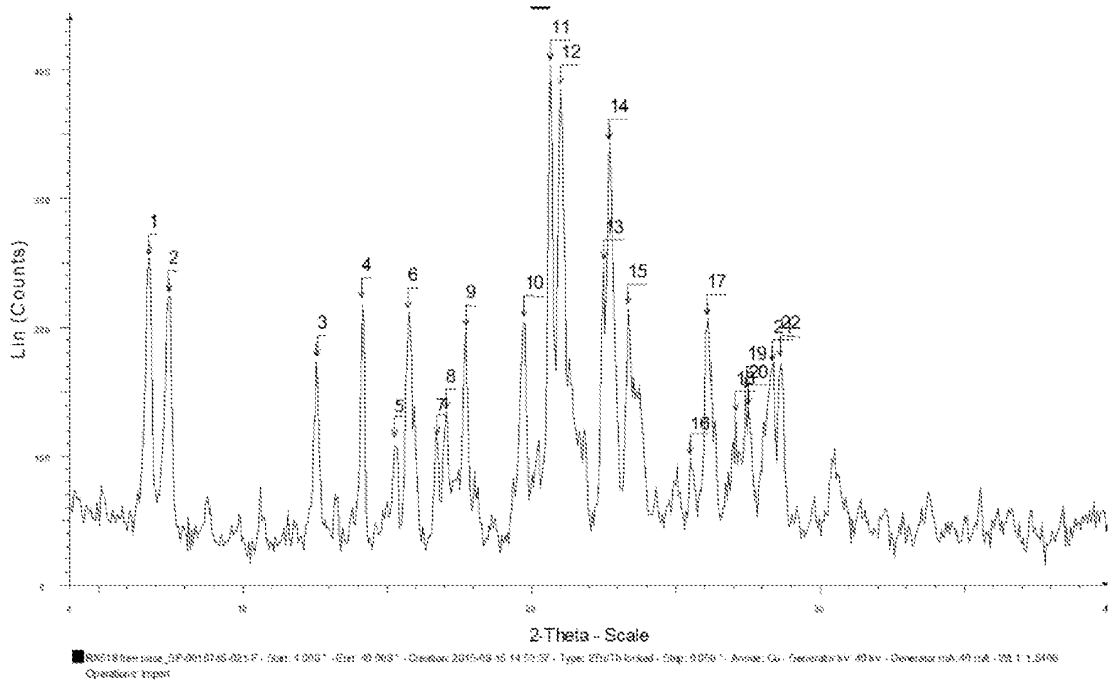
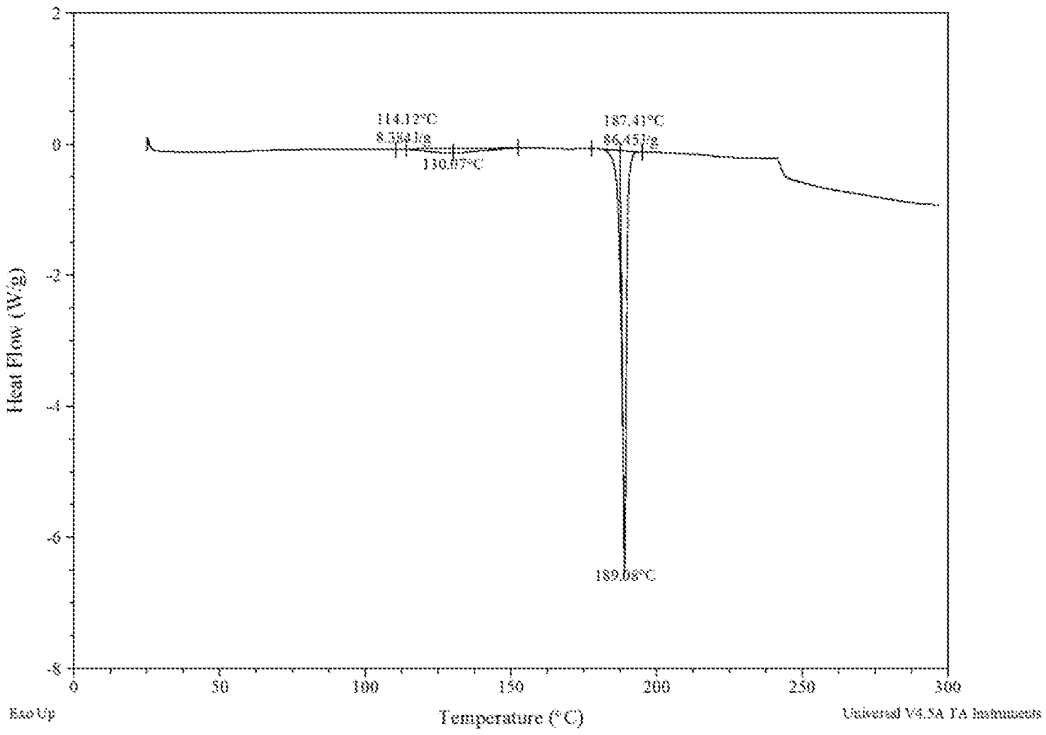

Lin (Counts)
2-Theta - Scale
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22

FIG. 16


2
0
-2
-4
-6
-8
Heat Flow (W/g)
114.12°C
8.584J/g
130.07°C
182.41°C
86.451J/g
189.08°C
0
50
100
150
200
250
300
Temperature (°C)
Exo Up
Universal V4.5A TA Instruments