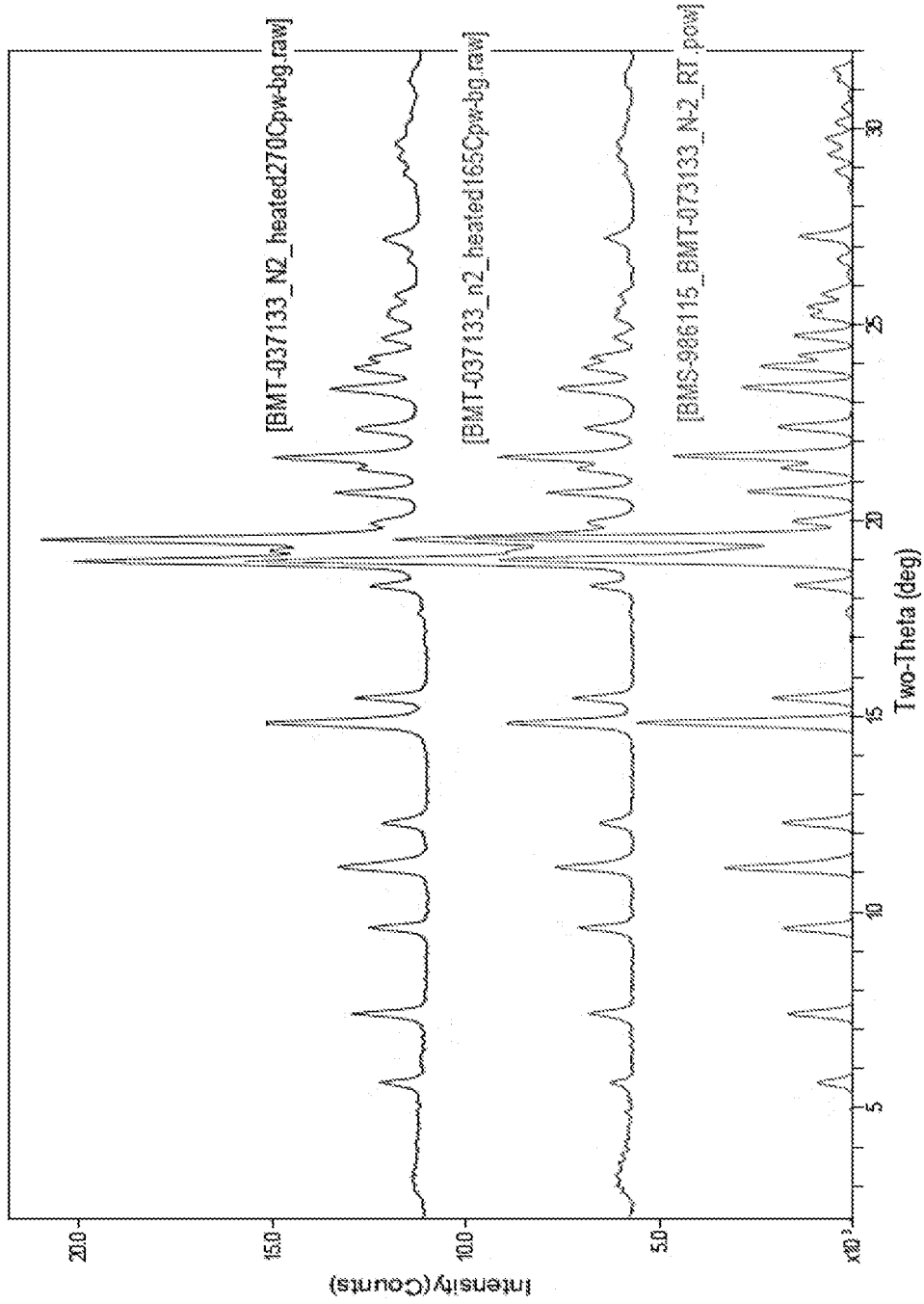

[BMT-037133_N2_heated270Cpw-bg.raw]
[BMT-037133_n2_heated165Cpw-bg.raw]
[BMS-986115_BMT-073133_N-2_RT_pow]
Intensity (Counts)
Two-Theta (deg)
200
150
100
50
x10³
5
10
15
20
25
30

Figure 1

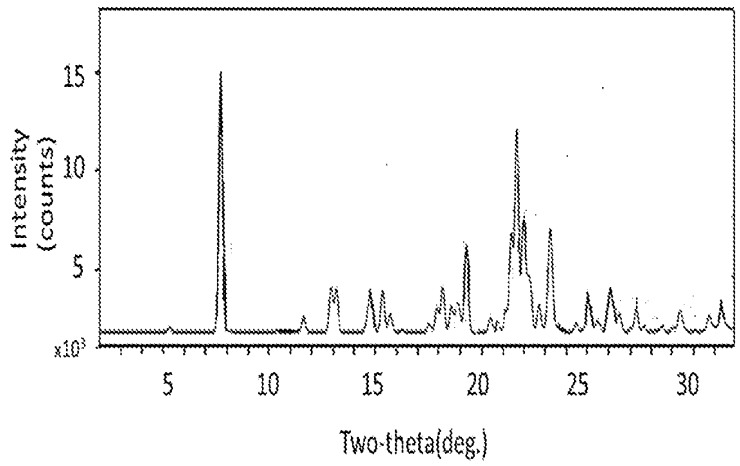


Figure 2

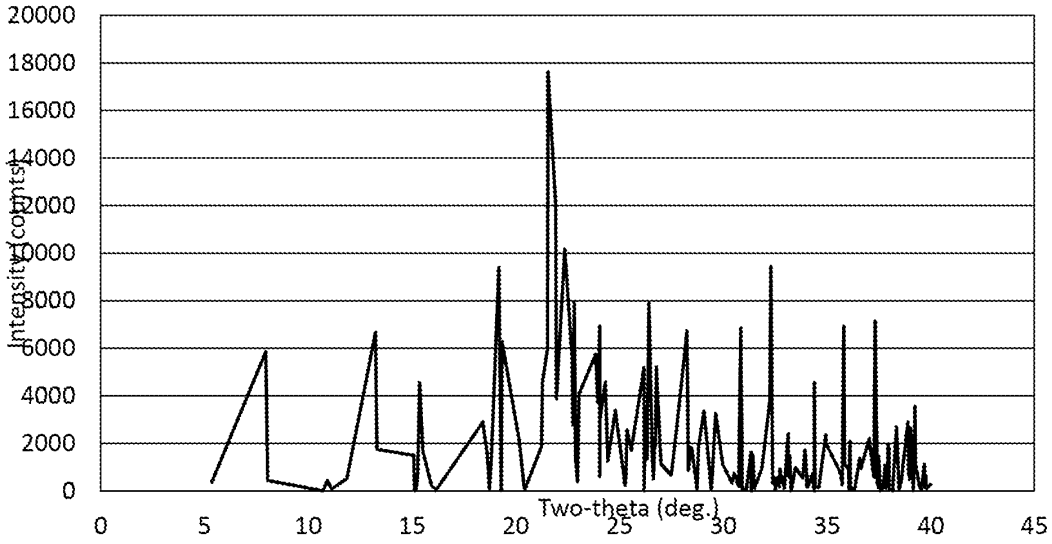


Figure 3

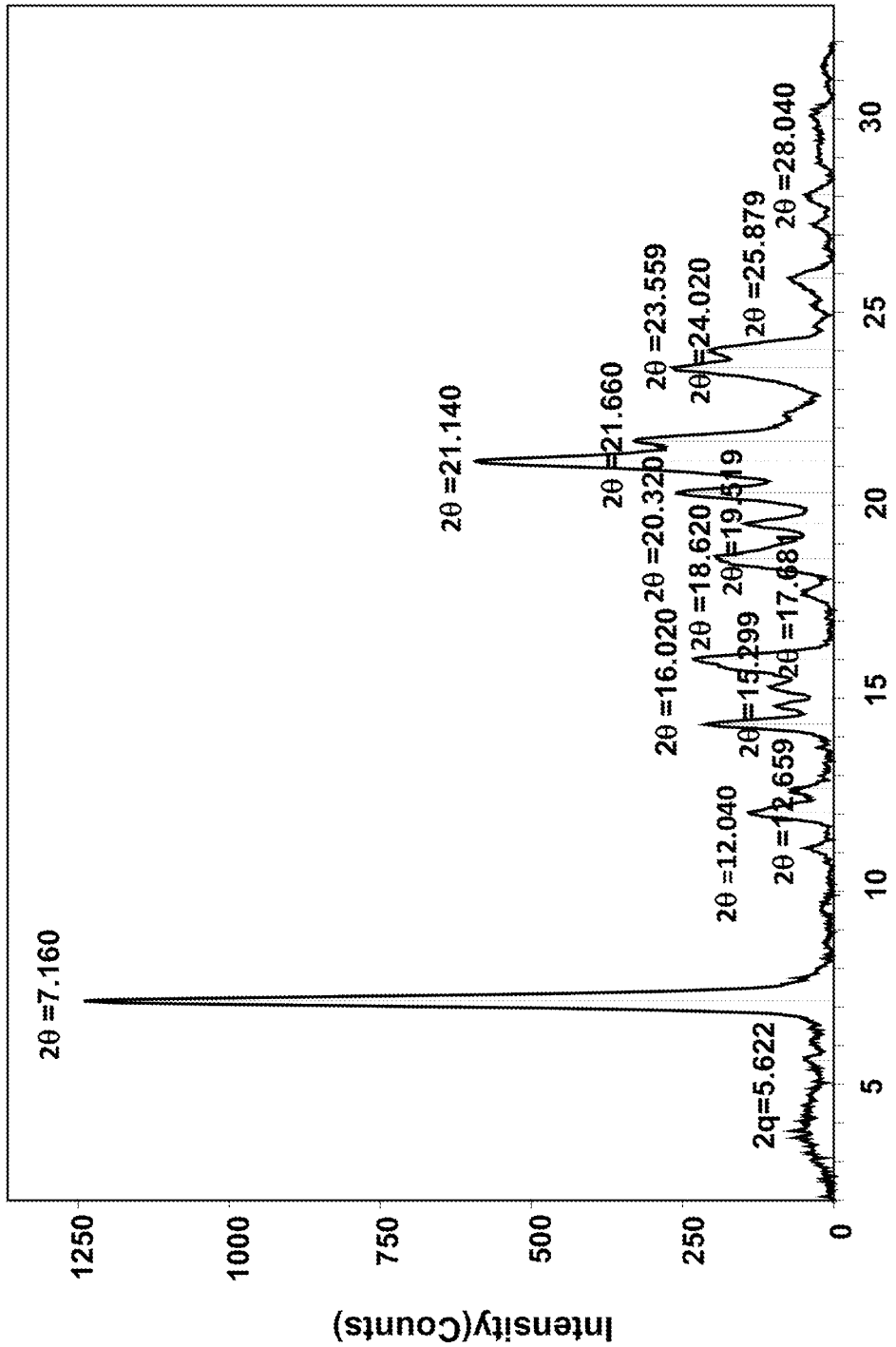

2θ =7.160
2q=5.622
2θ =12.040
2θ =16.020
2θ =18.620
2θ =20.320
2θ =21.140
2θ =21.660
2θ =23.559
2θ =24.020
2θ =25.879
2θ =28.040
Intensity(Counts)
Two-Theta (deg)
0
250
500
750
1000
1250
5
10
15
20
25
30

Figure 4

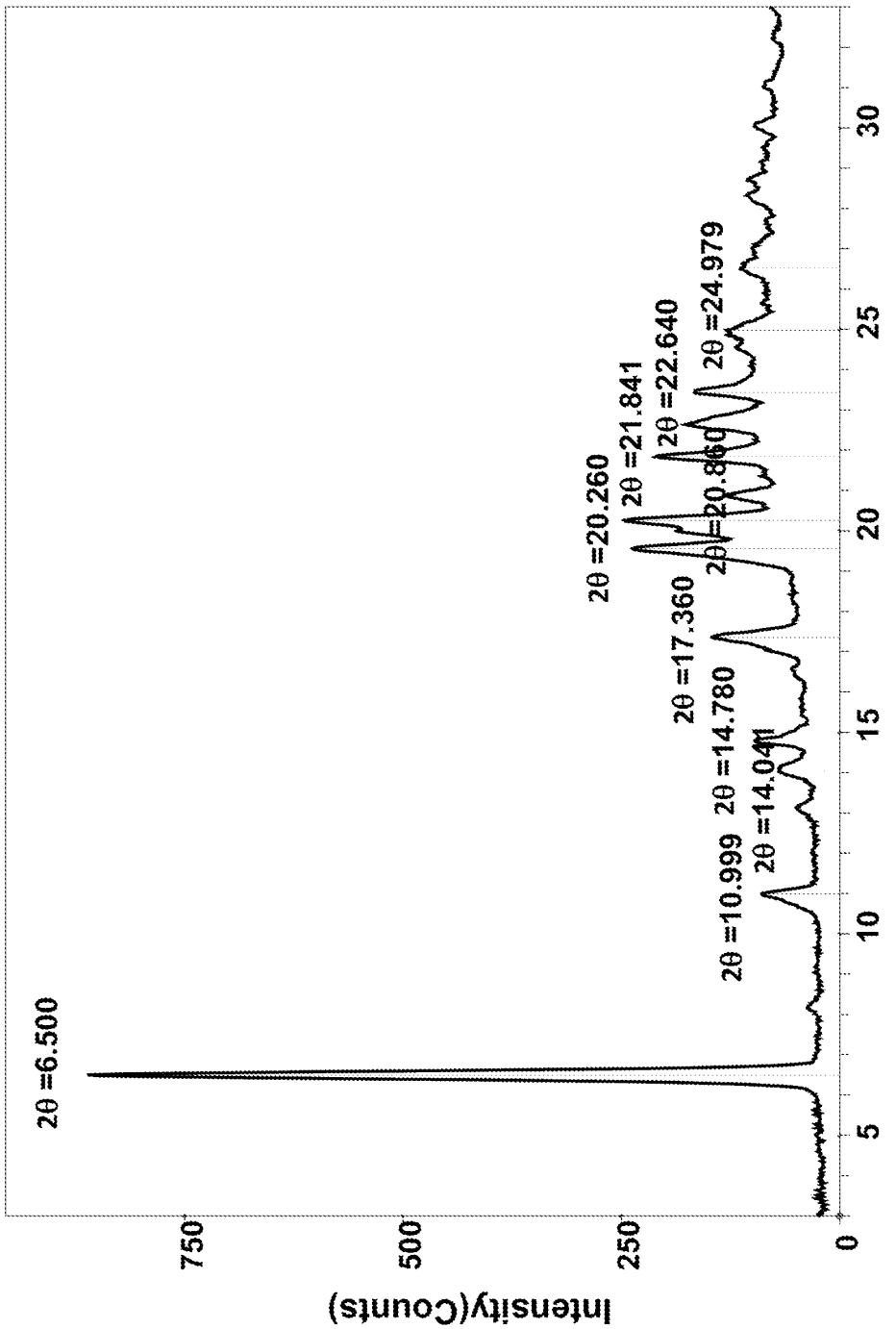

2θ =6.500
2θ =10.999
2θ =14.041
2θ =14.780
2θ =17.360
2θ =20.260
2θ =20.860
2θ =21.841
2θ =22.640
2θ =24.979
Intensity(Counts)
0
250
500
750
5
10
15
20
25
30
Two-Theta (deg)

Figure 5

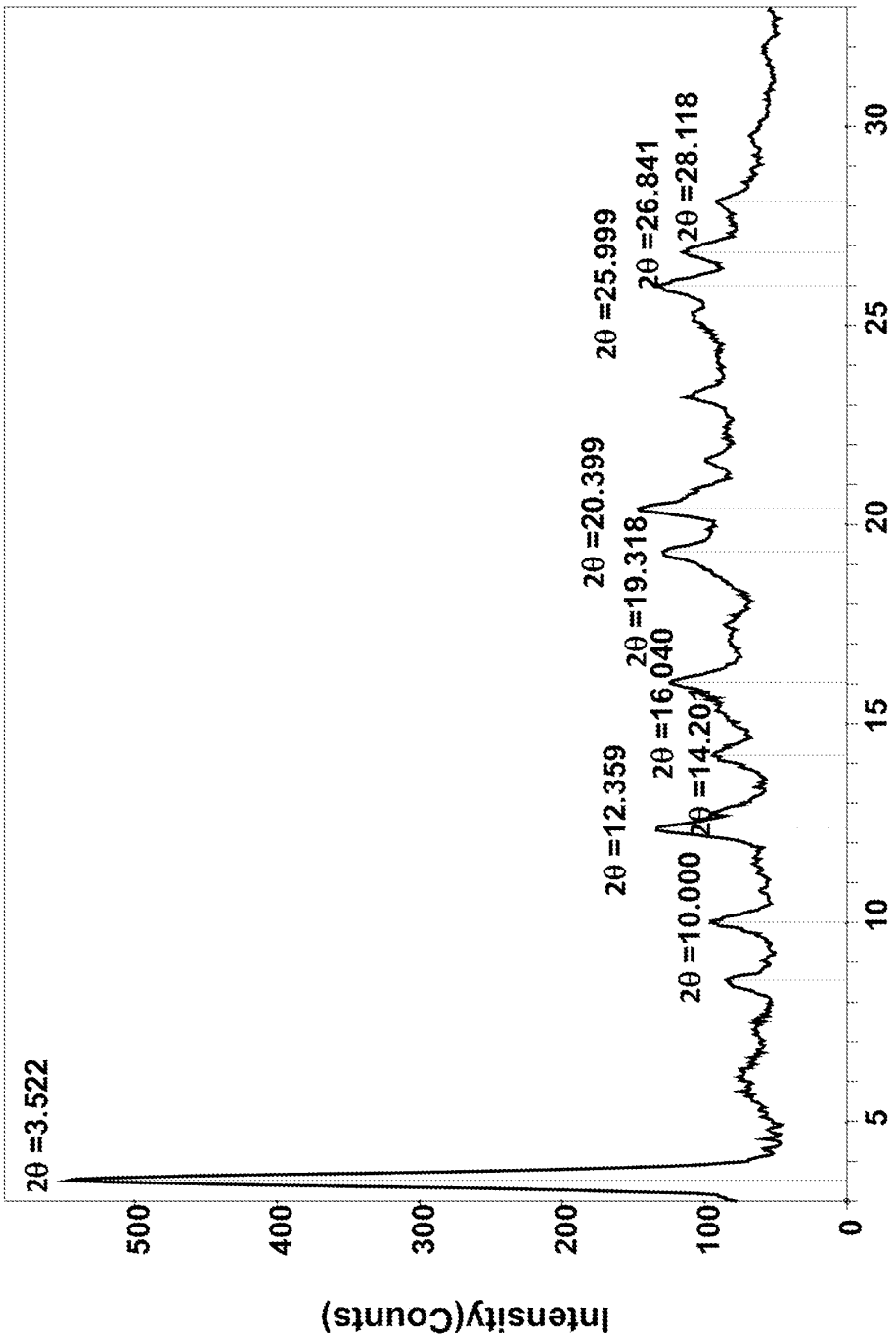

2θ =3.522
2θ =10.000
2θ =12.359
2θ =14.20
2θ =16.040
2θ =19.318
2θ =20.399
2θ =25.999
2θ =26.841
2θ =28.118
Intensity(Counts)
Two-Theta (deg)
0
100
200
300
400
500
5
10
15
20
25
30

Figure 6

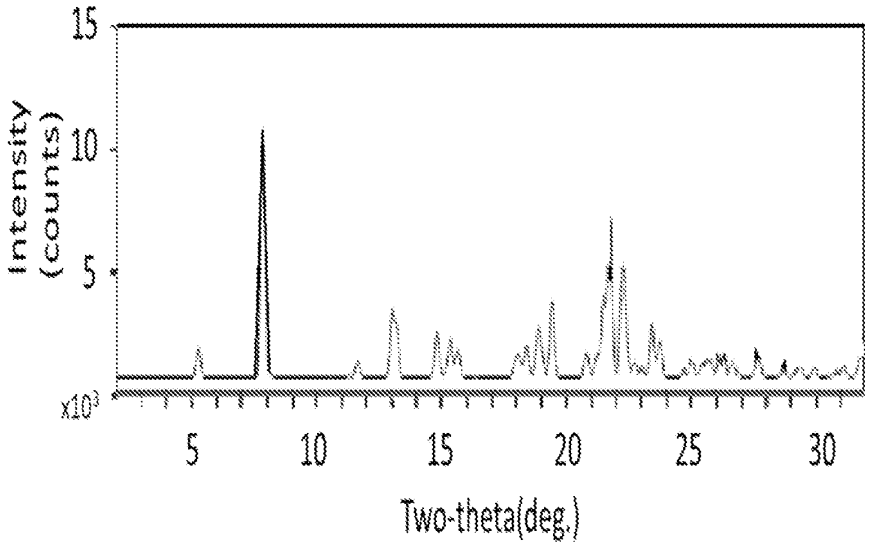


Figure 7

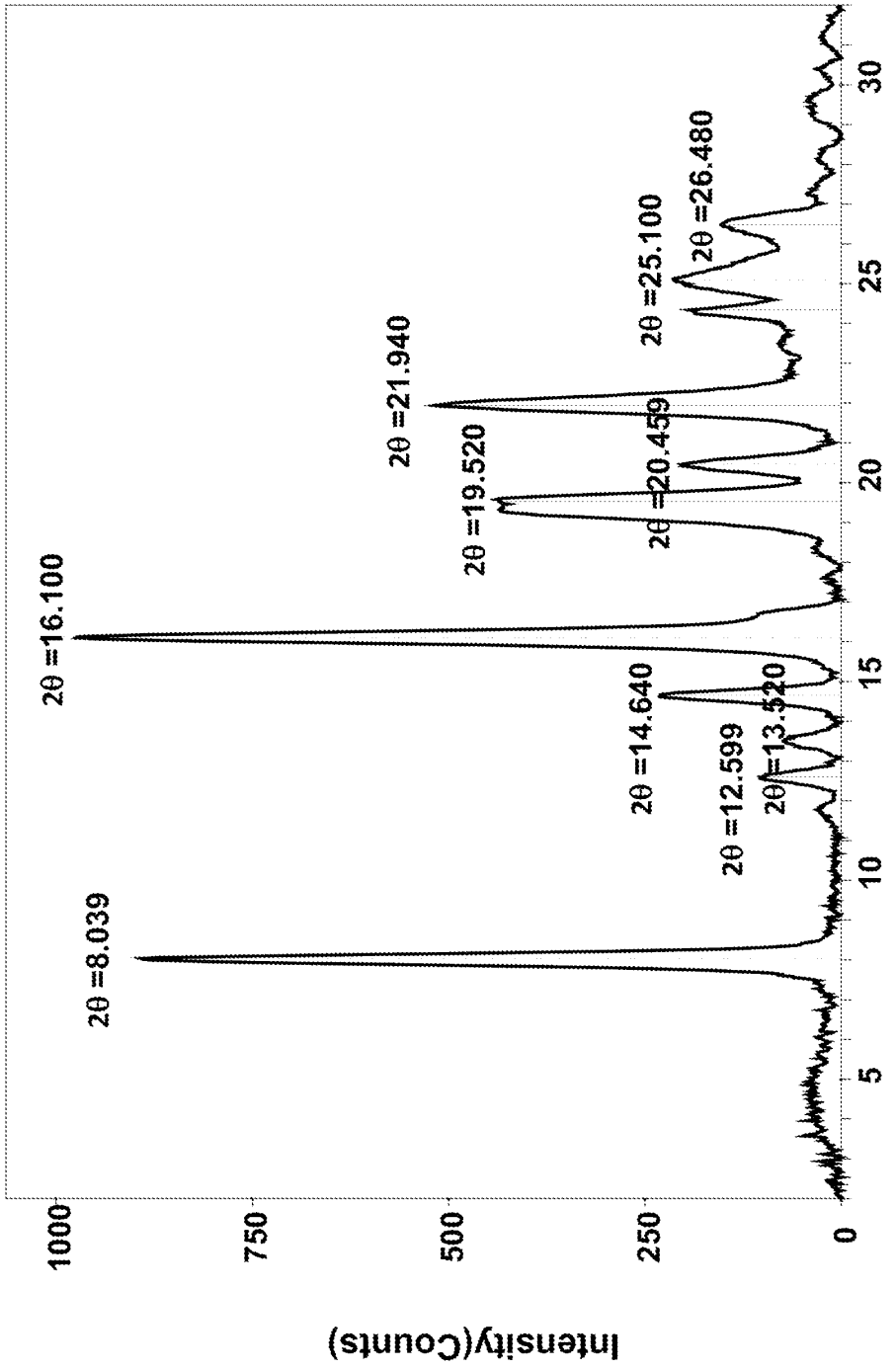

Intensity(Counts)
1000
750
500
250
0
5
10
15
20
25
30
Two-Theta (deg)
2θ =8.039
2θ =16.100
2θ =14.640
2θ =12.599
2θ =13.520
2θ =19.520
2θ =21.940
2θ =20.439
2θ =25.100
2θ =26.480

Figure 8

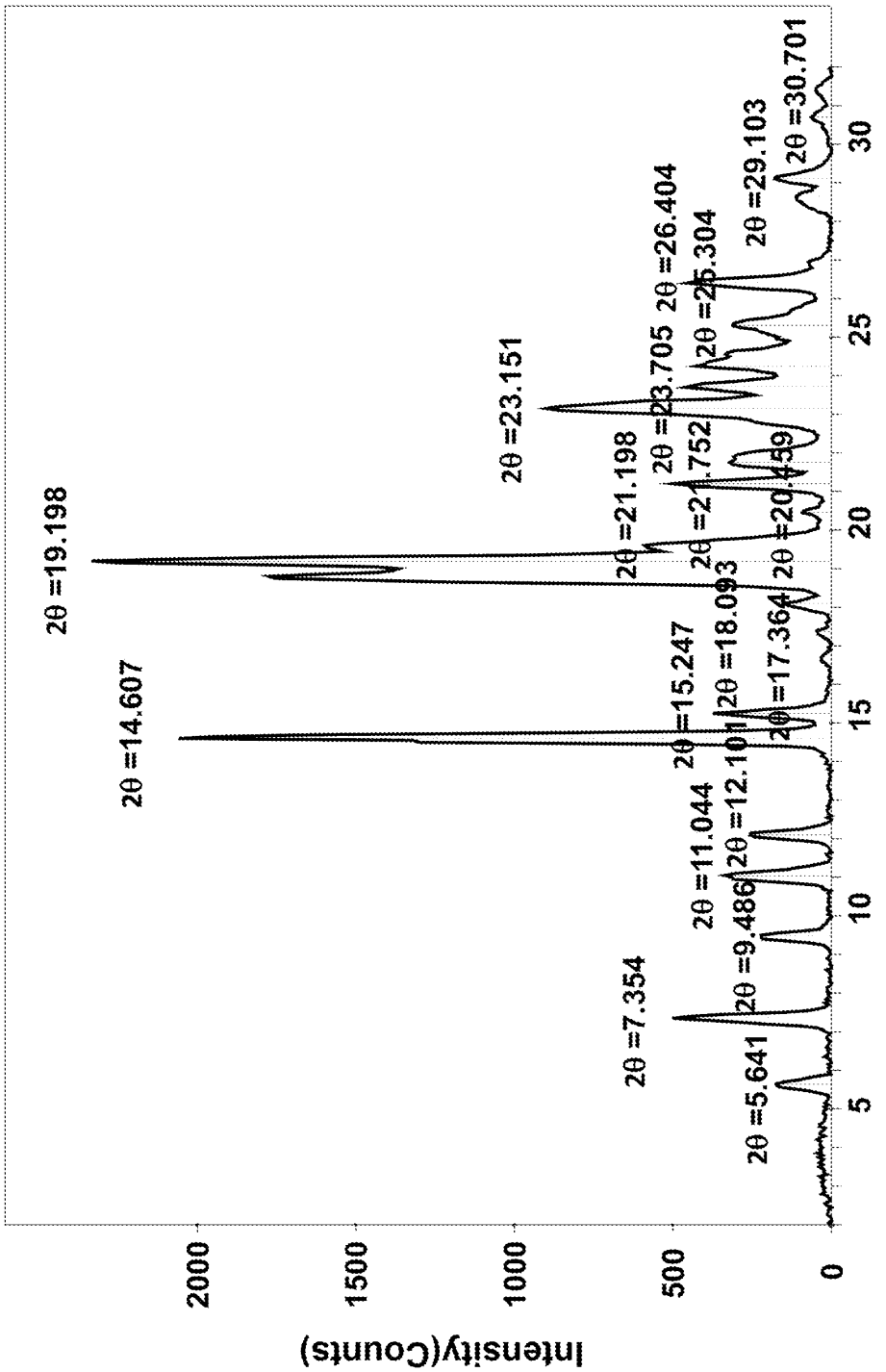

2θ =19.198
2θ =14.607
2θ =23.151
2θ =21.198
2θ =23.705
2θ =26.404
2θ =25.304
2θ =29.103
2θ =30.701
2θ =15.247
2θ =18.093
2θ =17.364
2θ =20.459
2θ =21.752
2θ =11.044
2θ =12.101
2θ =7.354
2θ =9.486
2θ =5.641
2000
1500
1000
500
0
5
10
15
20
25
30
Intensity(Counts)
Two-Theta (deg)

Figure 9

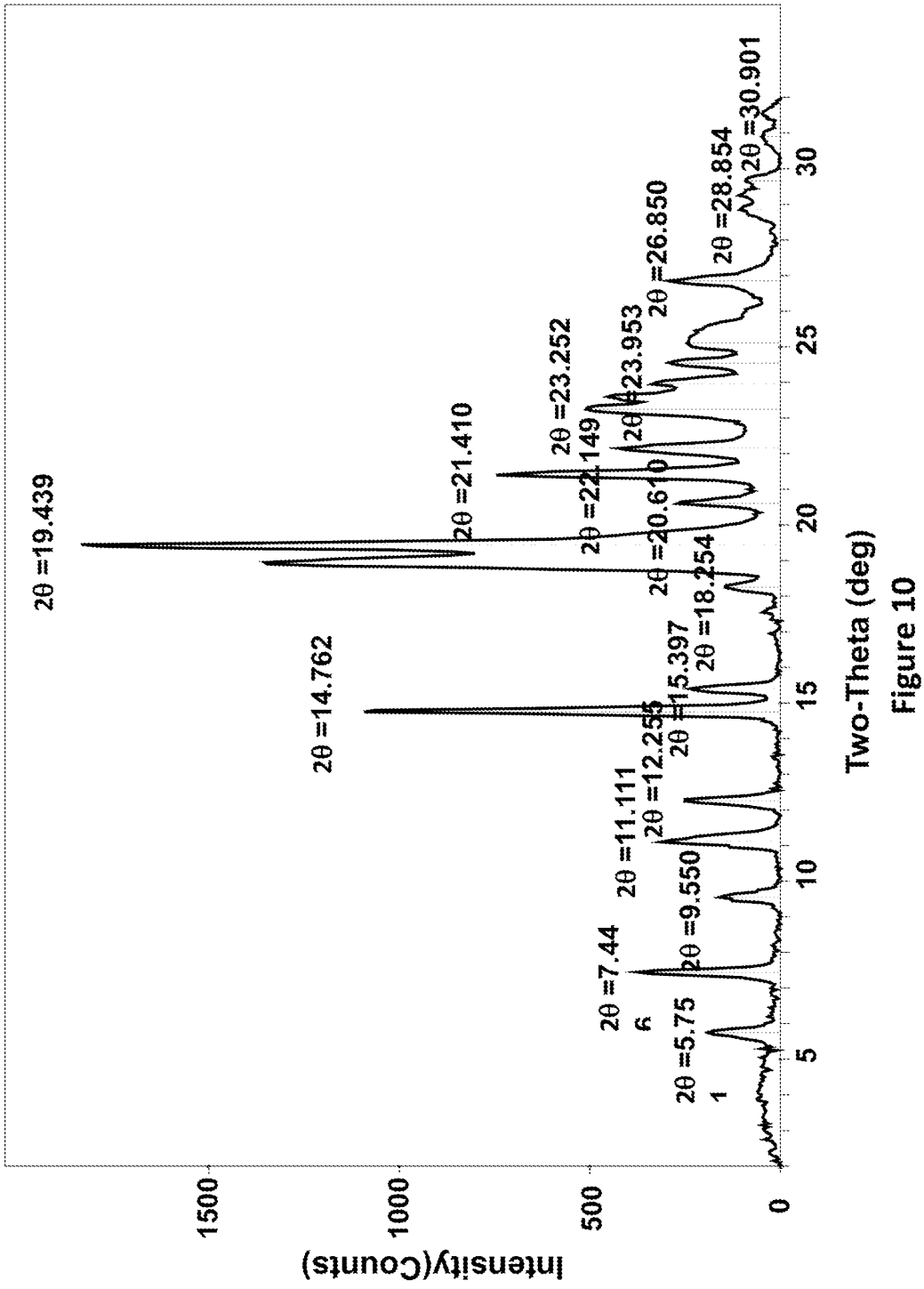

2θ =19.439
2θ =14.762
2θ =21.410
2θ =23.252
2θ =22.149
2θ =20.610
2θ =23.953
2θ =26.850
2θ =28.854
2θ =30.901
2θ =18.254
2θ =15.397
2θ =12.255
2θ =11.111
2θ =9.550
2θ =7.446
2θ =5.751
Intensity(Counts)
Two-Theta (deg)

Figure 10

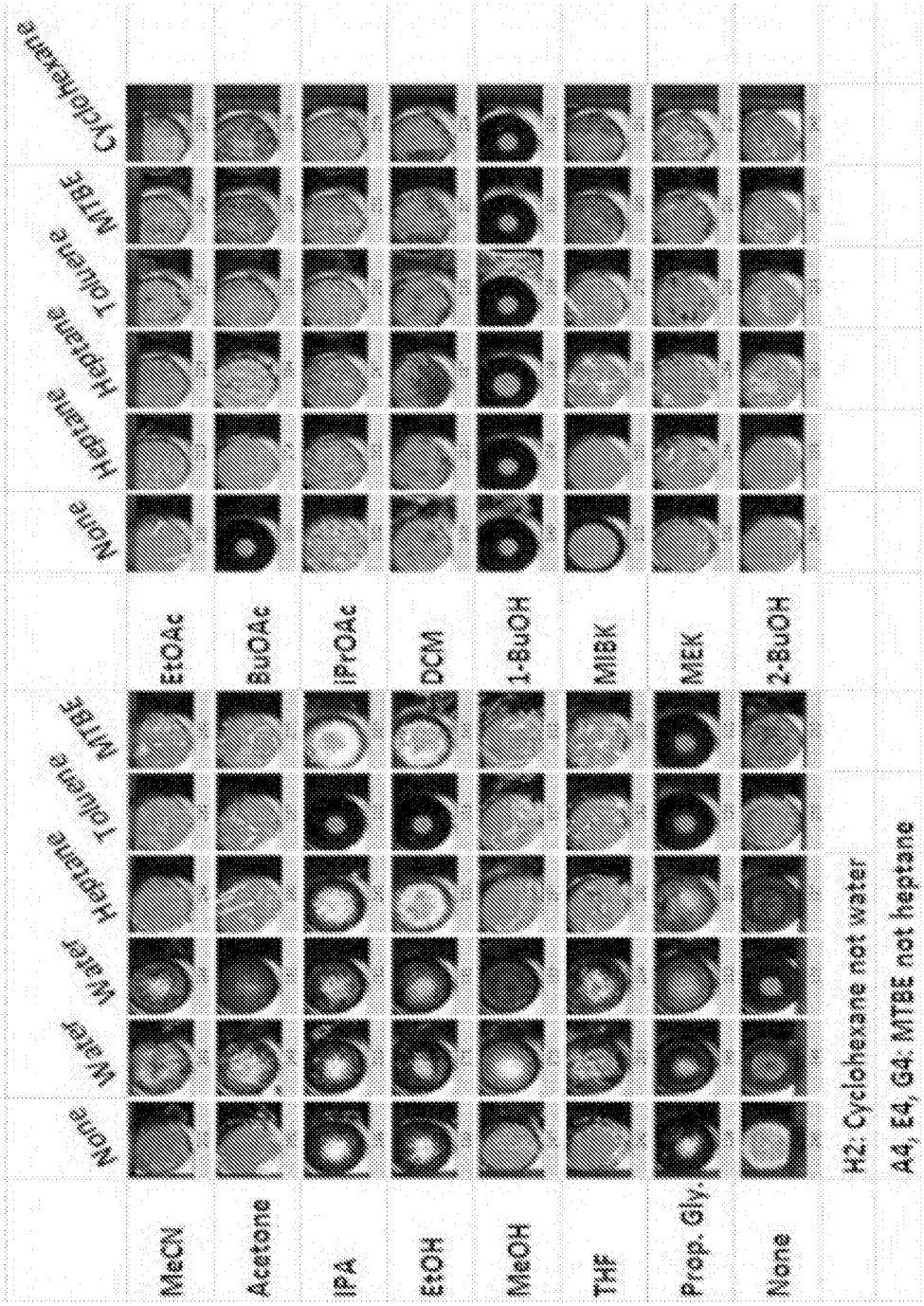

None
Water
Water
Heptane
Toluene
MTBE
Cyclohexane
MeCN
Acetone
IPA
EtOH
MeOH
THF
Prop. Gly.
None
EtOAc
BuOAc
IPrOAc
DCM
1-BuOH
MIBK
MEK
2-BuOH
None
Heptane
Toluene
MTBE
H2: Cyclohexane not water
A4, E4, G4: MTBE not heptane

Figure 11A

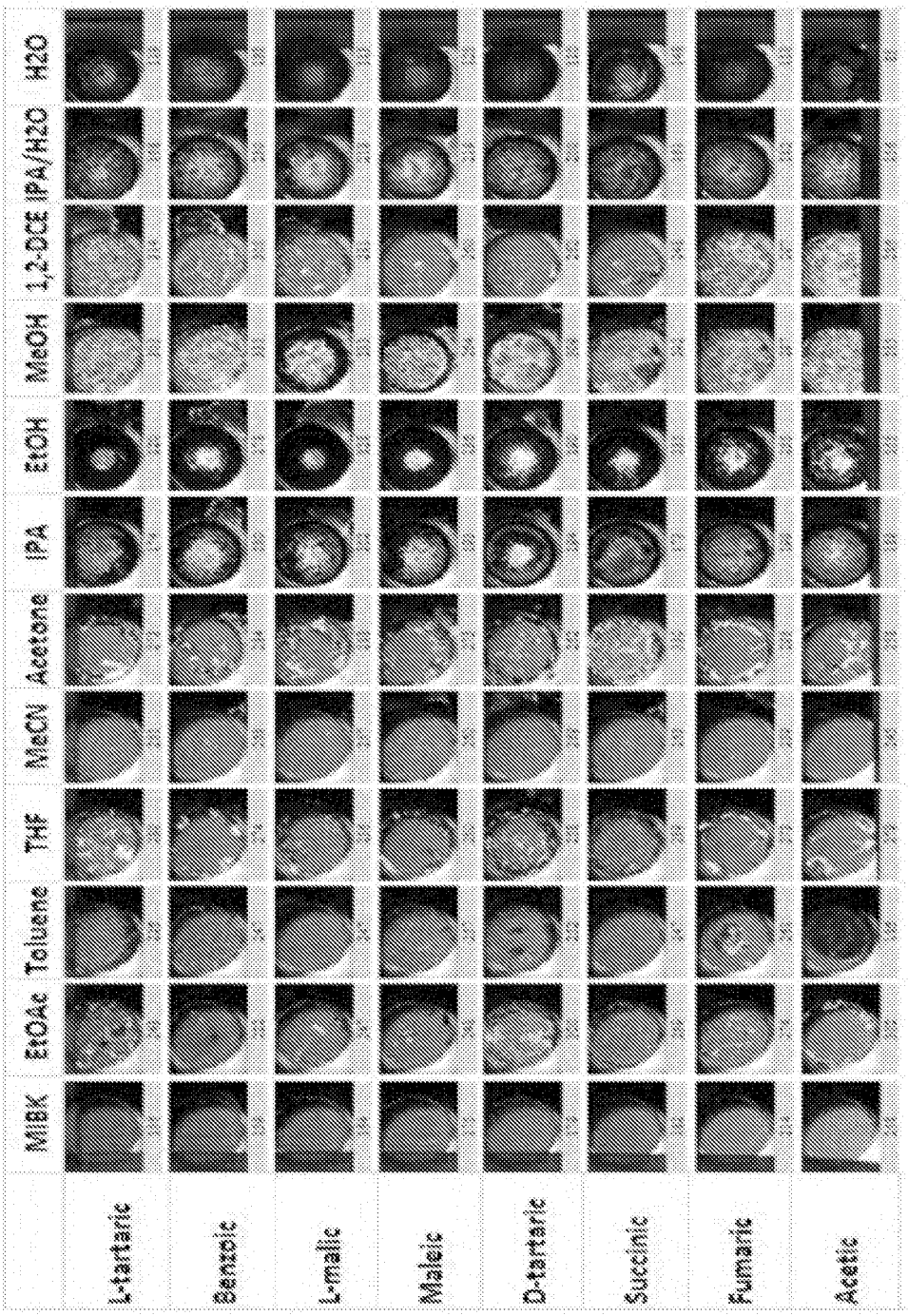

MIBK
EtOAc
Toluene
THF
MeCN
Acetone
IPA
EtOH
MeOH
1,2-DCE
IPA/H2O
H2O
L-tartaric
Benzoic
L-malic
Maleic
D-tartaric
Succinic
Fumaric
Acetic

Figure 11B

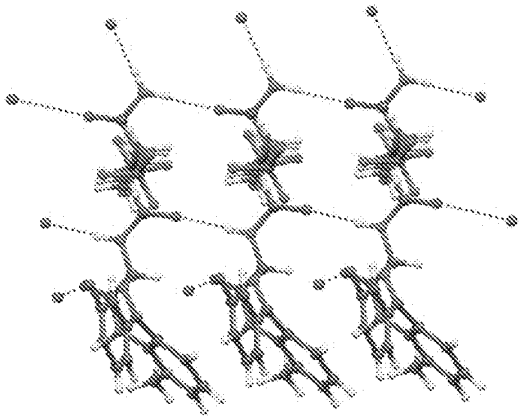


Figure 12A

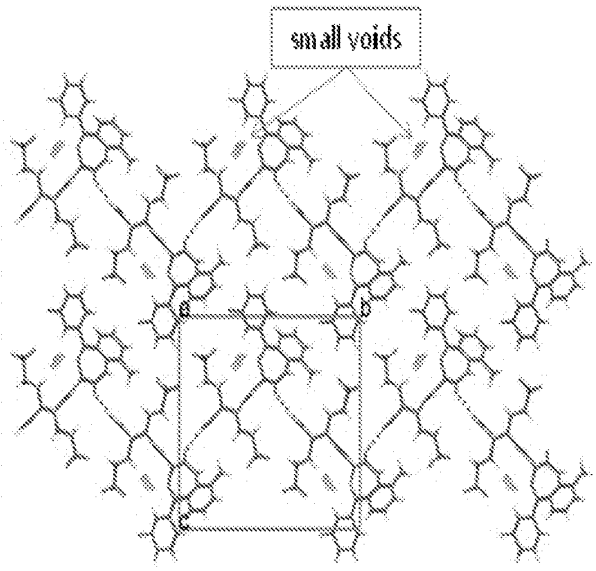


Figure 12B

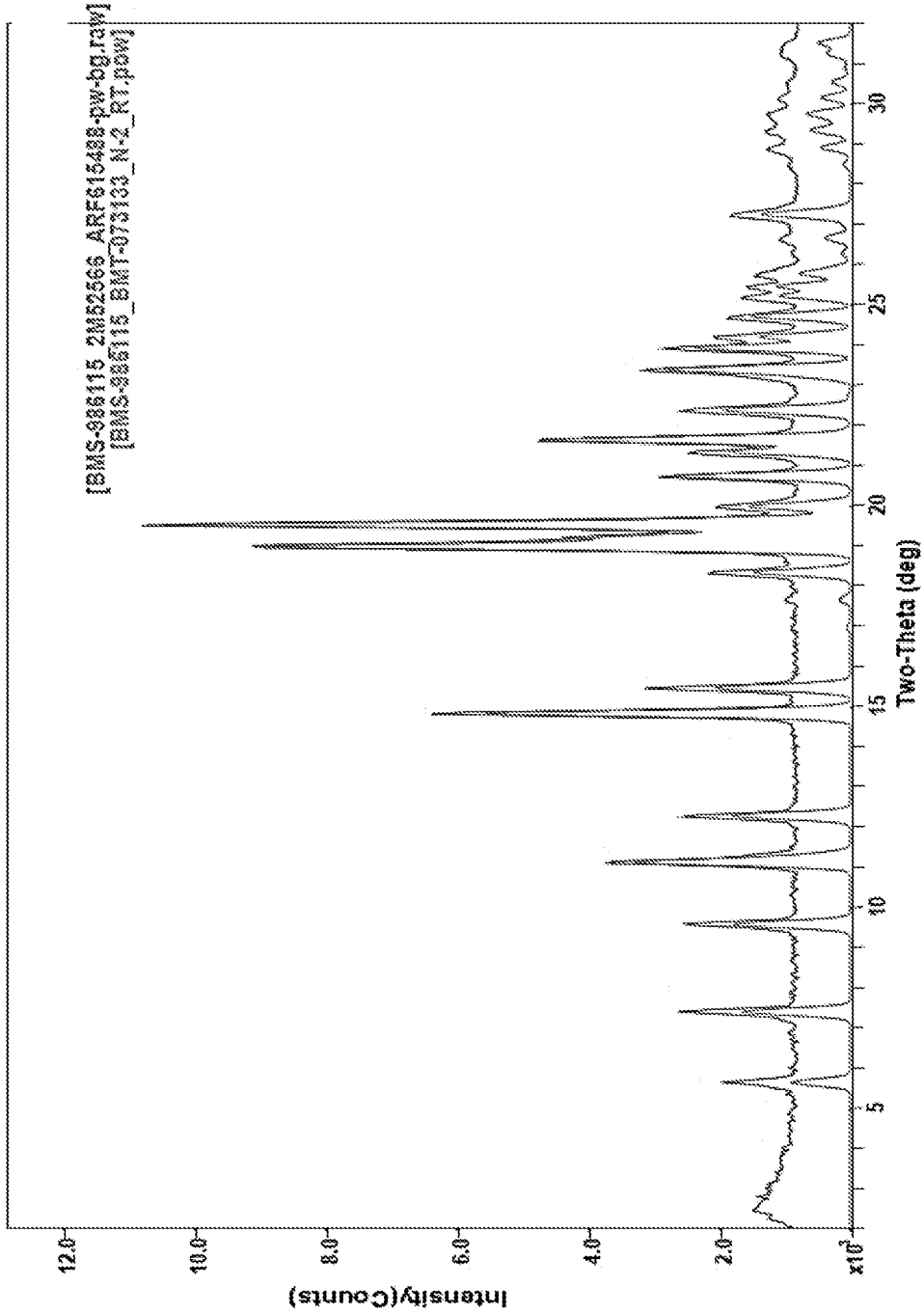

[BMS-986115_2M52566_ARF616488-pw-bg.raw]
[BMS-986115_BMT-073103_N-2_RT.pdw]
Intensity(Counts)
x10³
12.0
10.0
8.0
6.0
4.0
2.0
5
10
15
20
25
30
Two-Theta (deg)

Figure 13

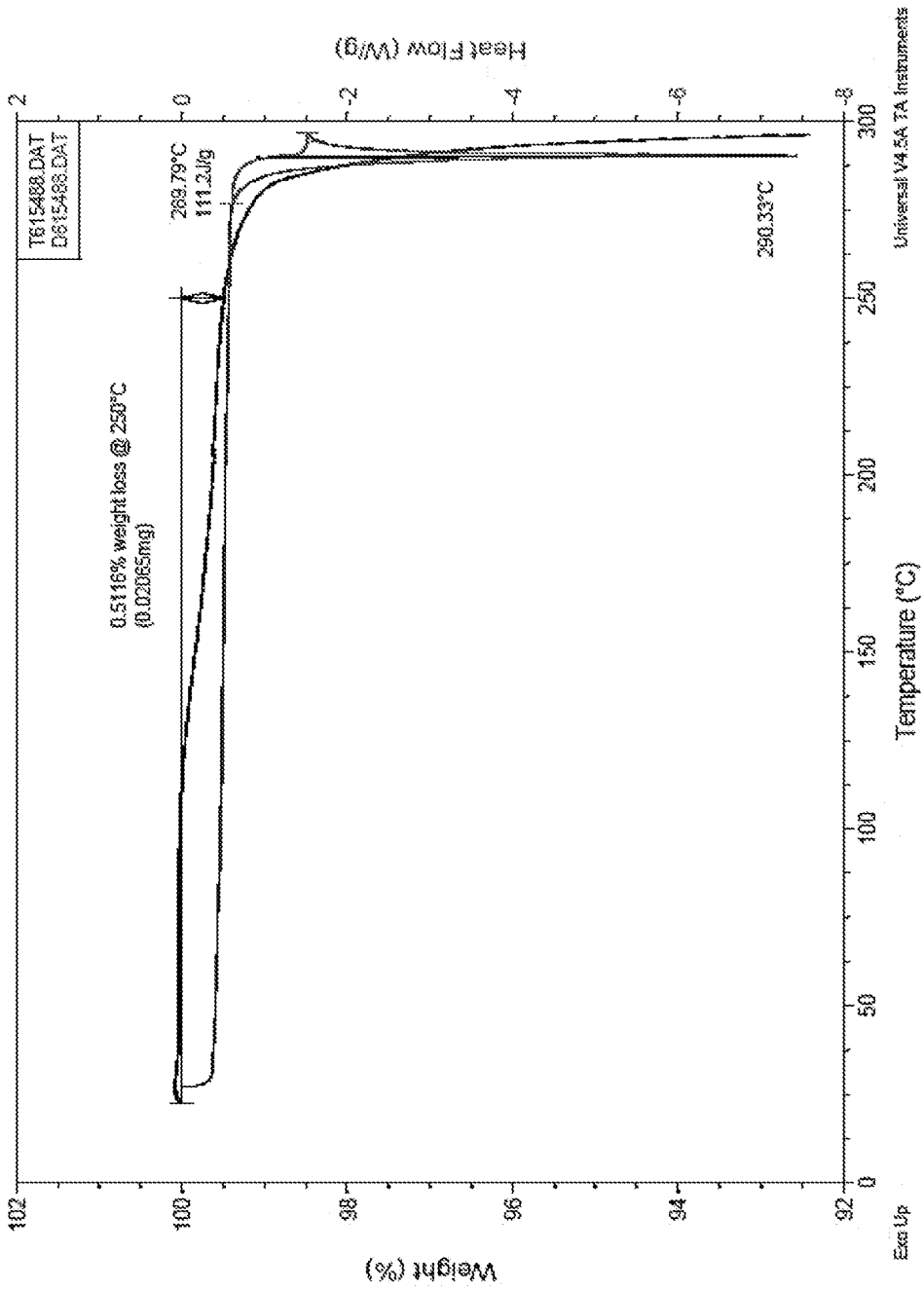

T615488.DAT
D615488.DAT
269.79°C
111.2J/g
290.33°C
0.5116% weight loss @ 250°C
(0.0285mg)
Heat Flow (W/g)
Weight (%)
Temperature (°C)
Universal V4.5A TA Instruments
Exo Up

Figure 14

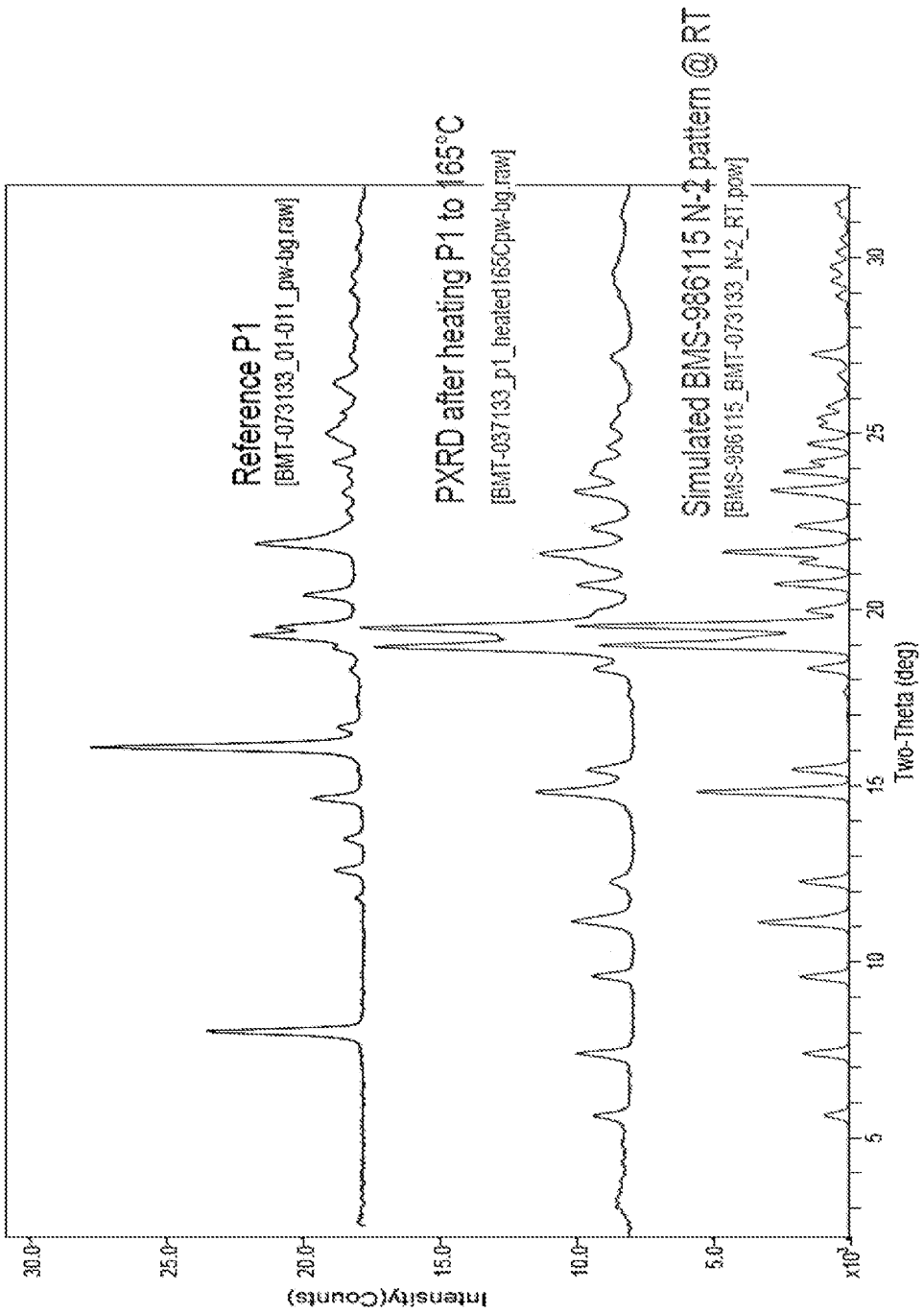

Reference P1
[BMT-073133_01-011_pw-bg.raw]
PXRD after heating P1 to 165°C
[BMT-037133_p1_heated165Cpw-bg.raw]
Simulated BMS-986115 N-2 pattern @ RT
[BMS-986115_BMT-073133_N-2_RT.pow]
Intensity(Counts)
Two-Theta (deg)
x10³
30.0
25.0
20.0
15.0
10.0
5.0
5
10
15
20
25
30

Figure 15

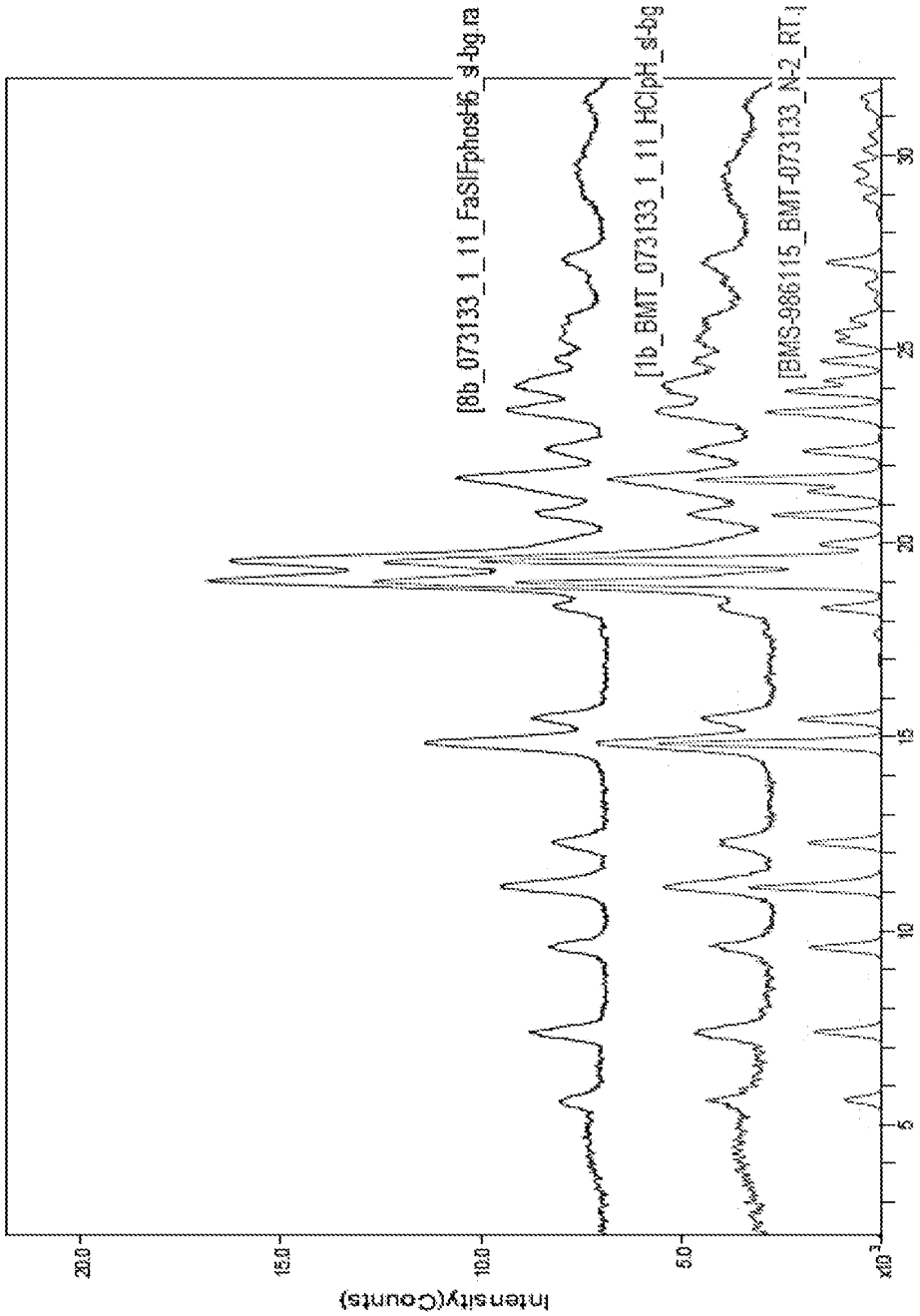

[8b_073133_1_11_FaSIFphosHb_sl-bg.ra
[1b_BMT_073133_1_11_HClpH_sl-bg
[BMS-986115_BMT-073133_N-2_RT_1
Intensity(Counts)
Two-Theta (deg)
20.0
15.0
10.0
5.0
x10^3
5
10
15
20
25
30

Figure 16

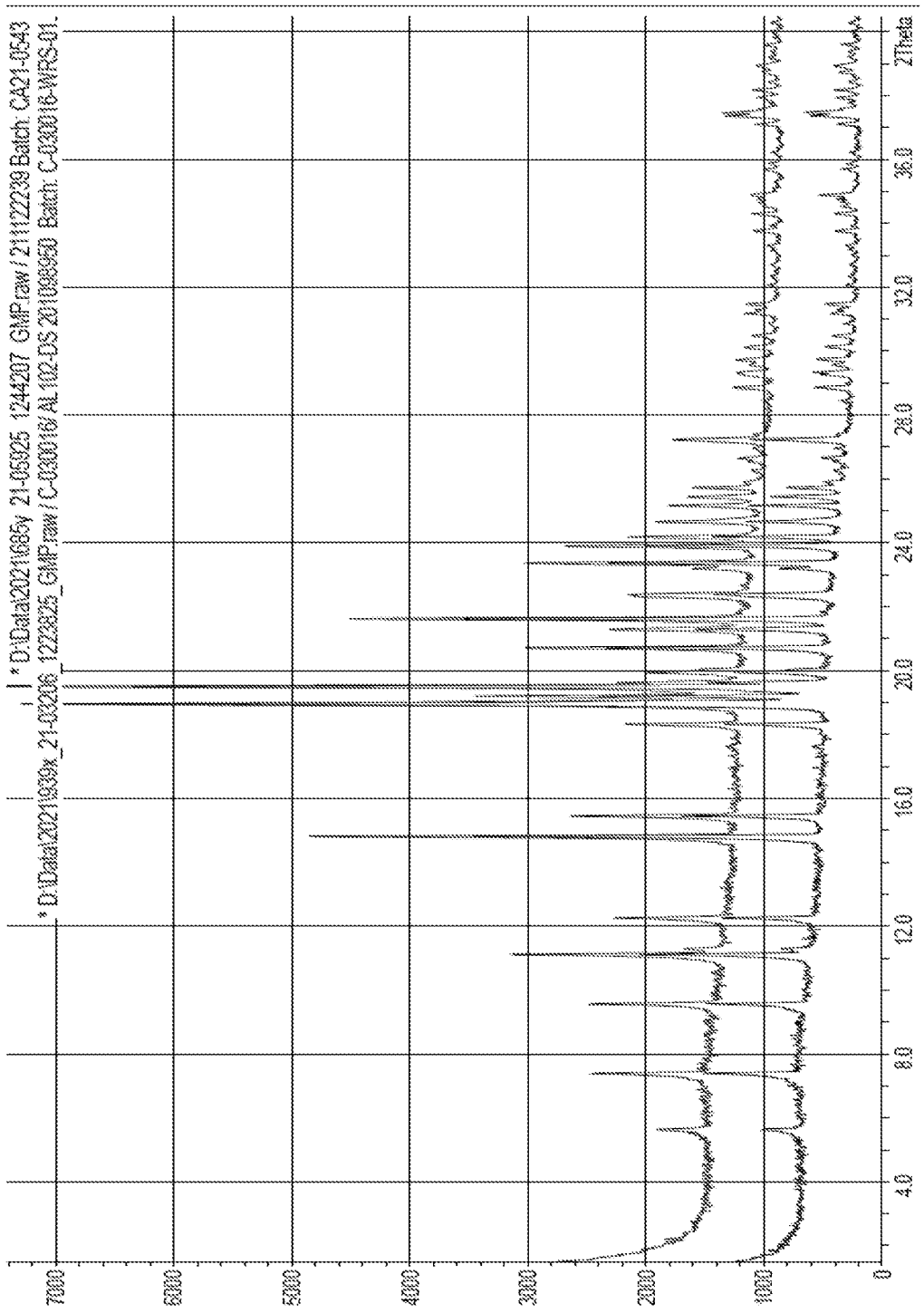

D:\Data\20211685v 21-05025 1244207 GMP raw / 211122239 Batch: CA21-0543
D:\Data\20211939x_21-02206_1223825_GMP raw / C-030016/ AL102-DS 20109895/0 Batch: C-030016-WRS-01.
7000
6000
5000
4000
3000
2000
1000
0
4.0
8.0
12.0
16.0
20.0
24.0
28.0
32.0
36.0
2Theta

Figure 17

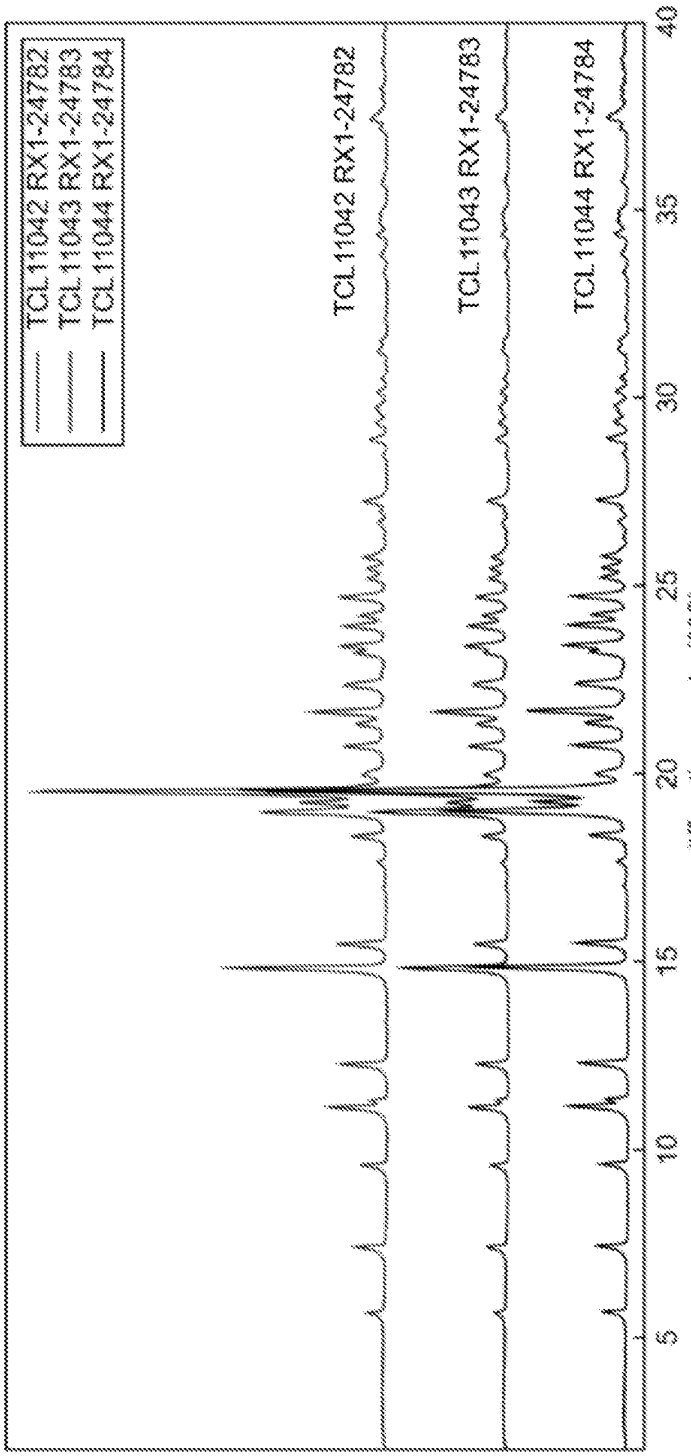

TCL11042 RX1-24782
TCL11043 RX1-24783
TCL11044 RX1-24784
TCL11042 RX1-24782
TCL11043 RX1-24783
TCL11044 RX1-24784
5
10
15
20
25
30
35
40
diffraction angle (°2θ)

Figure 18