Figure 1

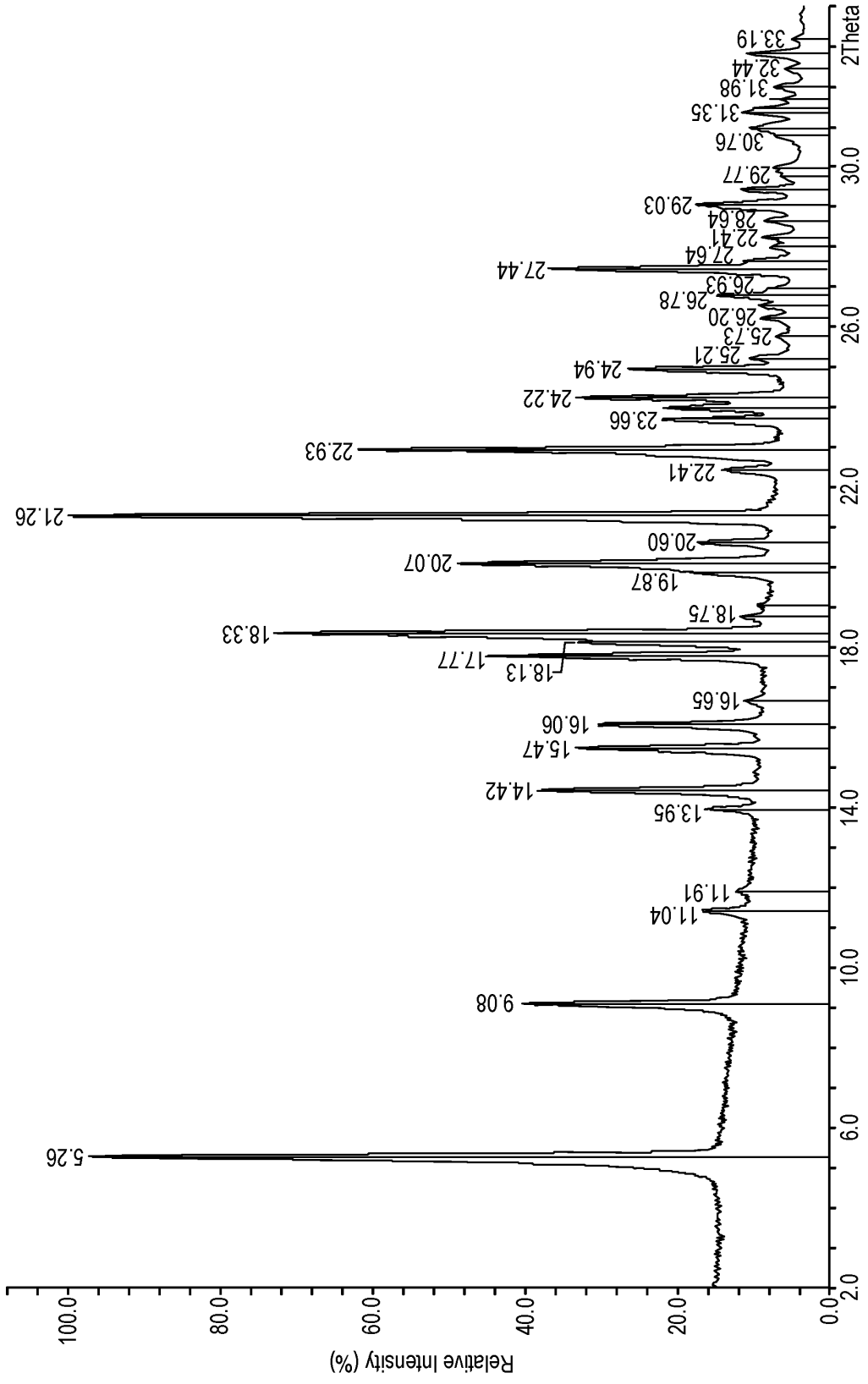

Relative Intensity (%)
100.0
80.0
60.0
40.0
20.0
0.0
2.0
6.0
10.0
14.0
18.0
22.0
26.0
30.0
2Theta
5.26
9.08
11.04
11.91
13.95
14.42
15.47
16.06
16.65
17.77
18.13
18.33
18.75
19.87
20.07
20.60
21.26
22.41
22.93
23.66
24.22
24.94
25.21
25.73
26.20
26.78
26.93
27.44
27.64
28.64
29.03
29.77
30.76
31.35
31.98
32.44
33.19

Figure 2

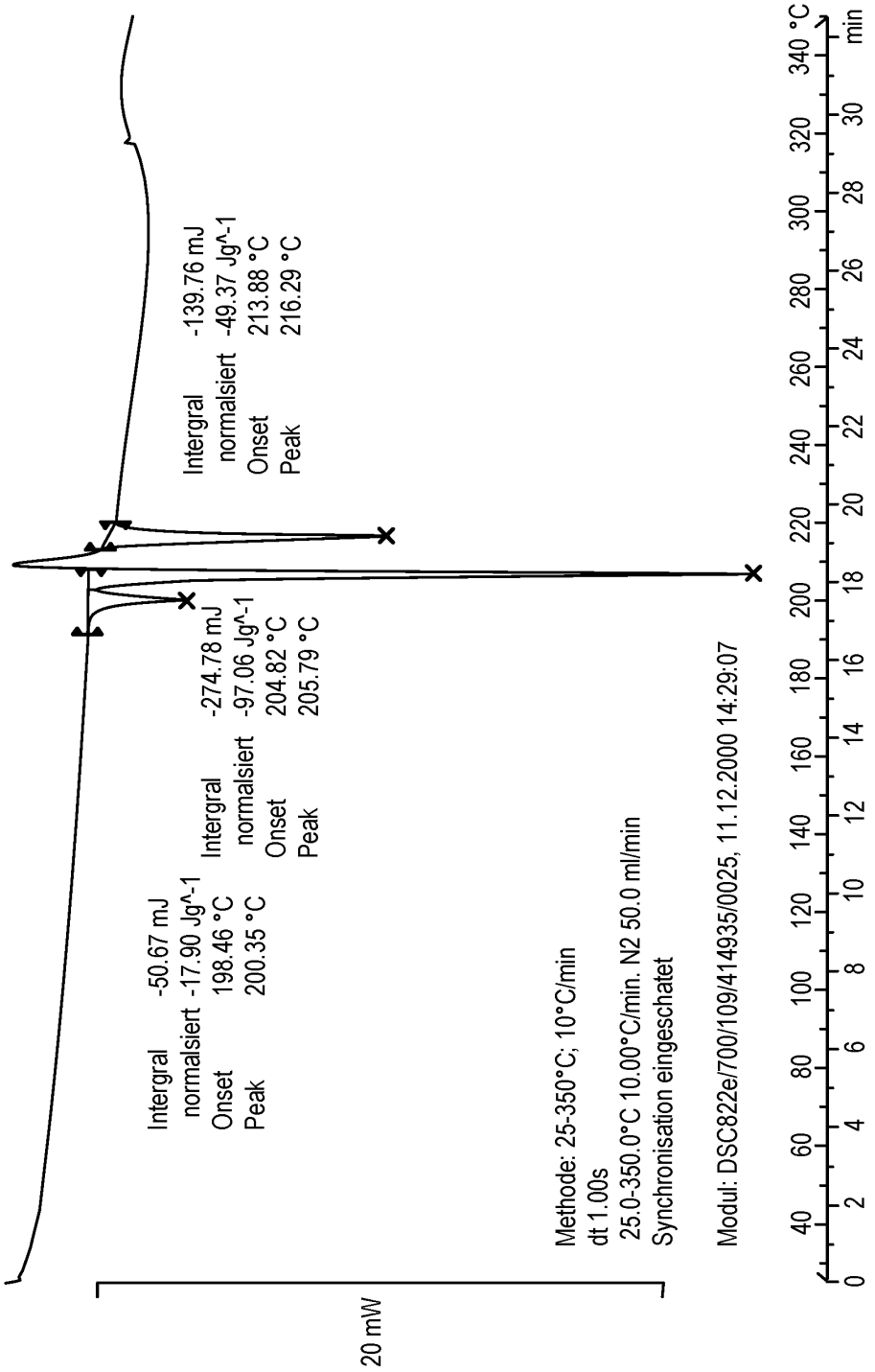
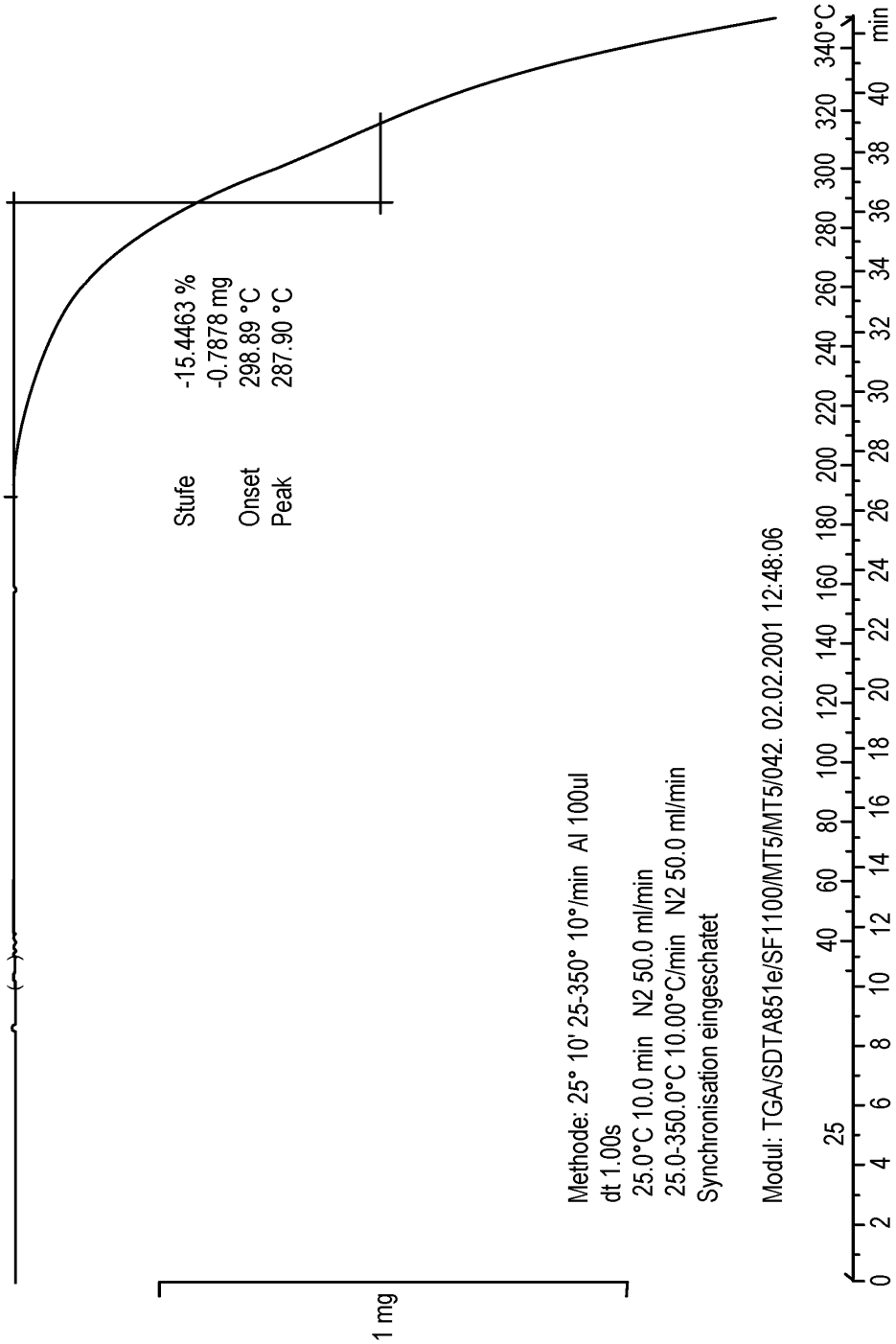

Intergral -50.67 mJ
normalsiert -17.90 Jg^-1
Onset 198.46 °C
Peak 200.35 °C
Intergral -274.78 mJ
normalsiert -97.06 Jg^-1
Onset 204.82 °C
Peak 205.79 °C
Intergral -139.76 mJ
normalsiert -49.37 Jg^-1
Onset 213.88 °C
Peak 216.29 °C
20 mW
Methode: 25-350°C; 10°C/min
dt 1.00s
25.0-350.0°C 10.00°C/min. N2 50.0 ml/min
Synchronisation eingeschatet
Modul: DSC822e/700/109/414935/0025, 11.12.2000 14:29:07
0 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 min
40 60 80 100 120 140 160 180 200 220 240 260 280 300 320 340 °C

Figure 3


Stufe -15.4463 %
-0.7878 mg
Onset 298.89 °C
Peak 287.90 °C
1 mg
Methode: 25° 10' 25-350° 10°/min Al 100ul
dt 1.00s
25.0°C 10.0 min N2 50.0 ml/min
25.0-350.0°C 10.00°C/min N2 50.0 ml/min
Synchronisation eingeschatet
Modul: TGA/SDTA851e/SF1100/MT5/MT5/042. 02.02.2001 12:48:06
25
0 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36 38 40 min
40 60 80 100 120 140 160 180 200 220 240 260 280 300 320 340°C

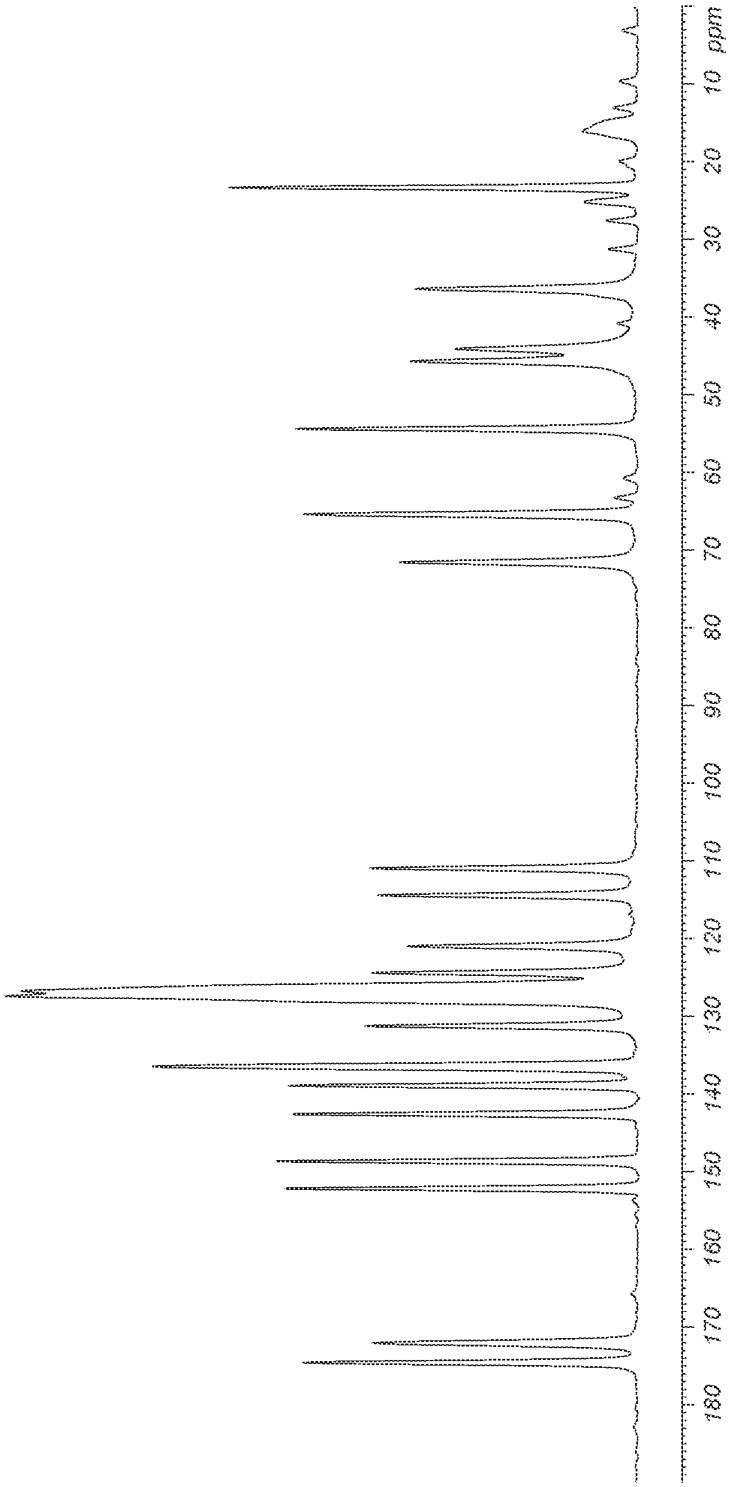


Figure 4.

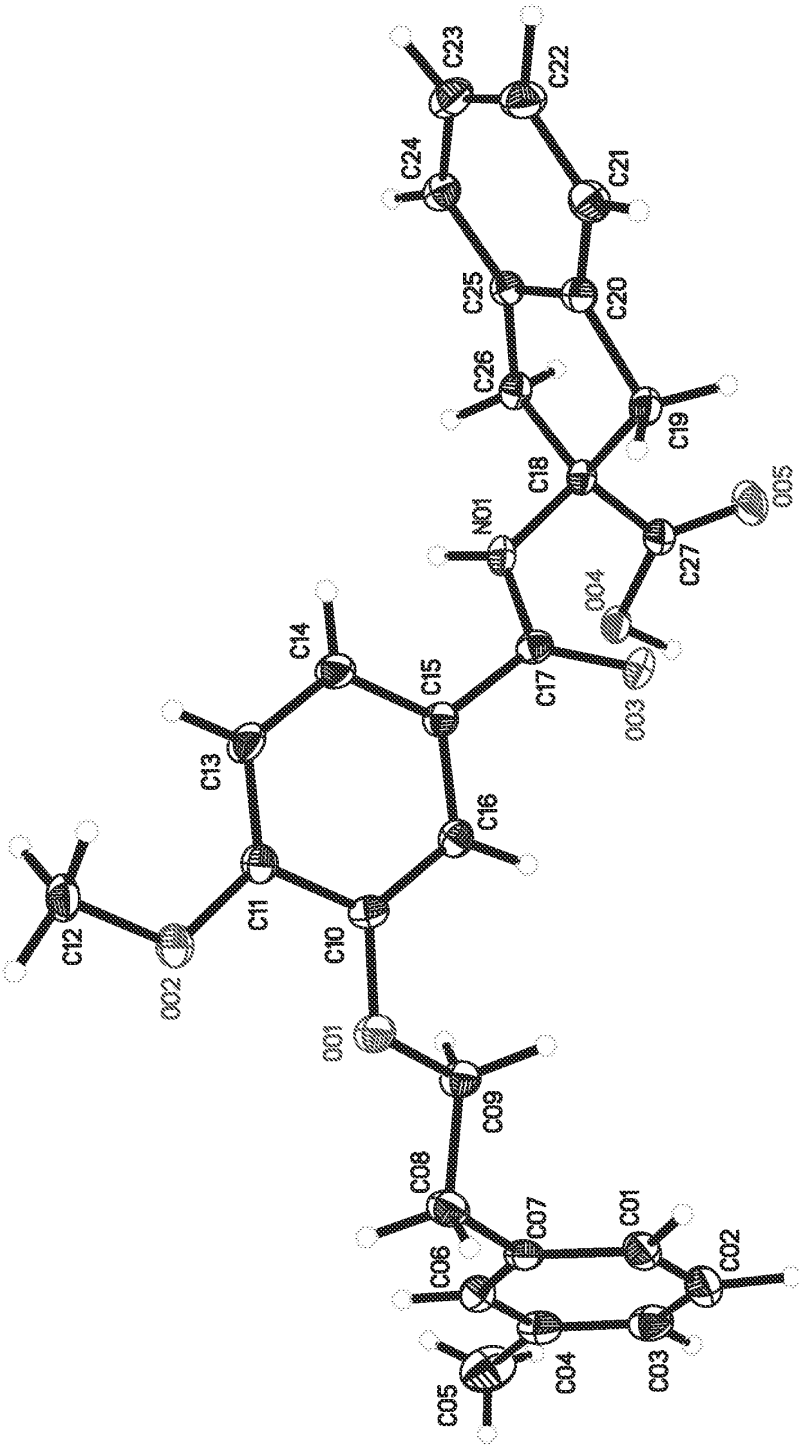

C23
C22
C24
C21
C25
C20
C26
C19
C18
O05
N01
C27
O04
C14
C15
C17
O03
C13
C16
C11
C12
C10
O02
O01
C09
C08
C07
C01
C06
C02
C04
C03
C05

Figure 5.

Figure 6

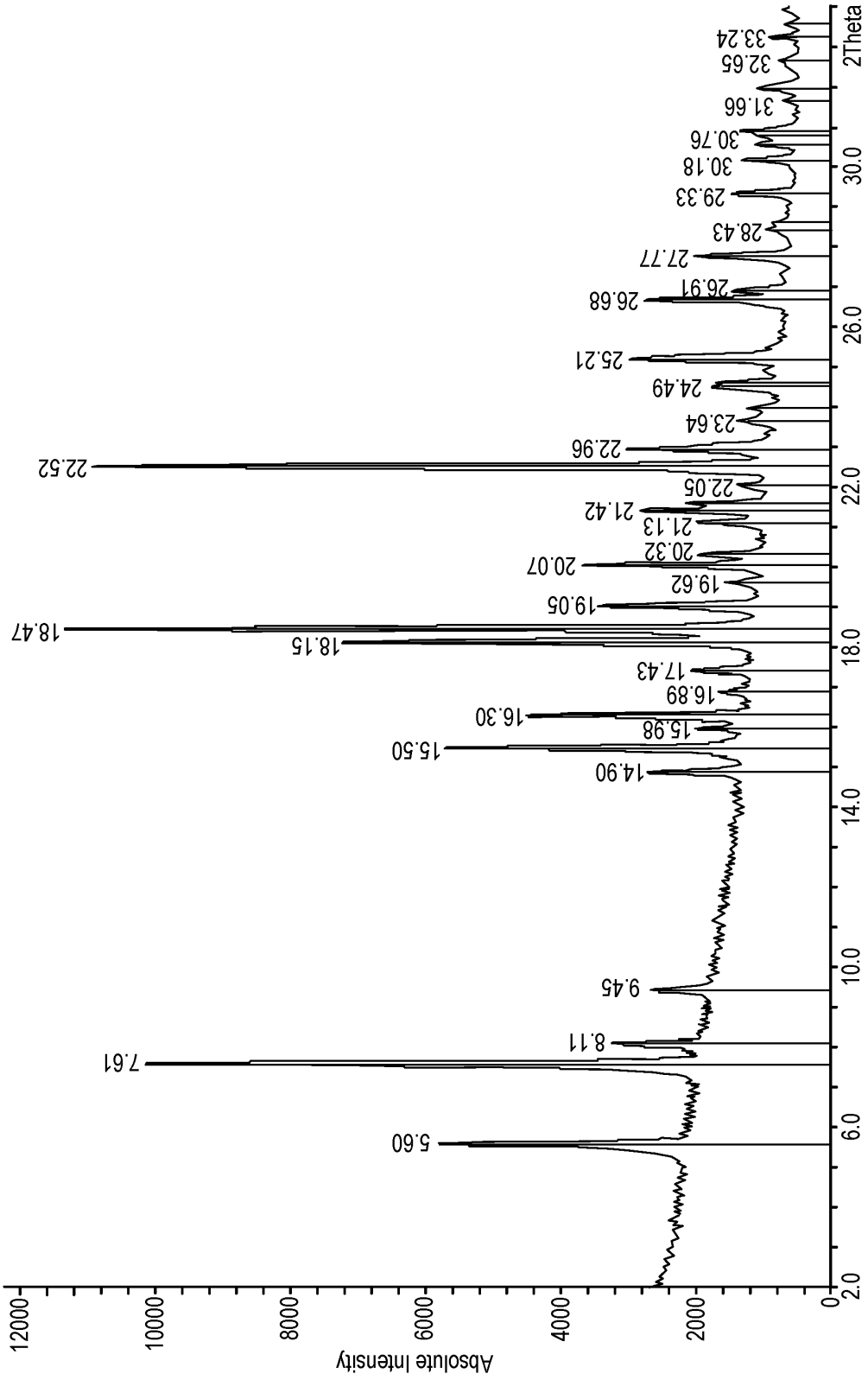
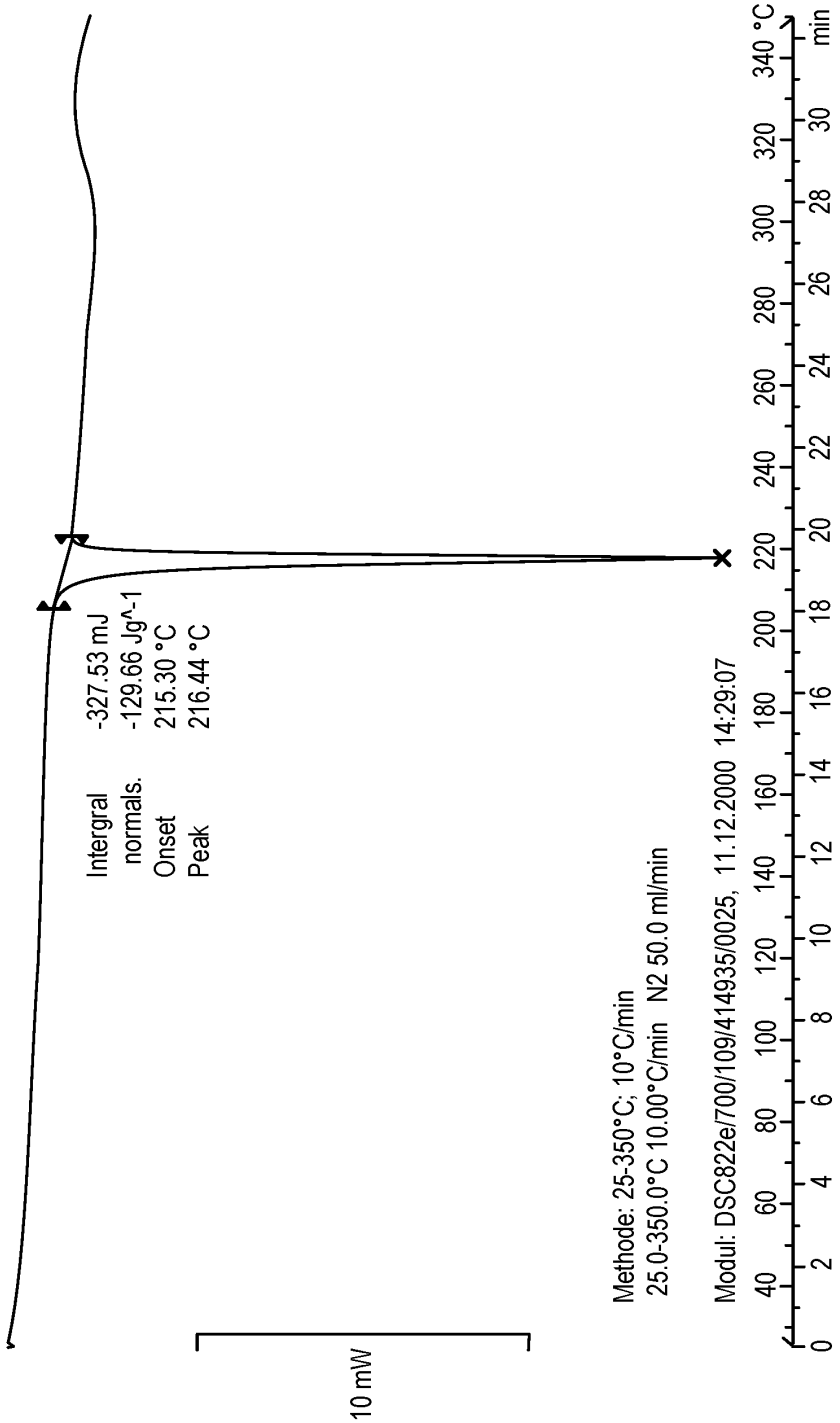

Absolute Intensity
12000
10000
8000
6000
4000
2000
0
2.0
6.0
10.0
14.0
18.0
22.0
26.0
30.0
2Theta
5.60
7.61
8.11
9.45
14.90
15.50
15.98
16.30
16.89
17.43
18.15
18.47
19.05
19.62
20.07
20.32
21.13
21.42
22.05
22.52
22.96
23.64
24.49
25.21
26.68
26.91
27.77
28.43
29.33
30.18
30.76
31.66
32.65
33.24

Figure 7


Intergral -327.53 mJ
normals. -129.66 Jg^-1
Onset 215.30 °C
Peak 216.44 °C
10 mW
Methode: 25-350°C; 10°C/min
25.0-350.0°C 10.00°C/min N2 50.0 ml/min
Modul: DSC822e/700/109/414935/0025, 11.12.2000 14:29:07
0 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 min
40 60 80 100 120 140 160 180 200 220 240 260 280 300 320 340 °C

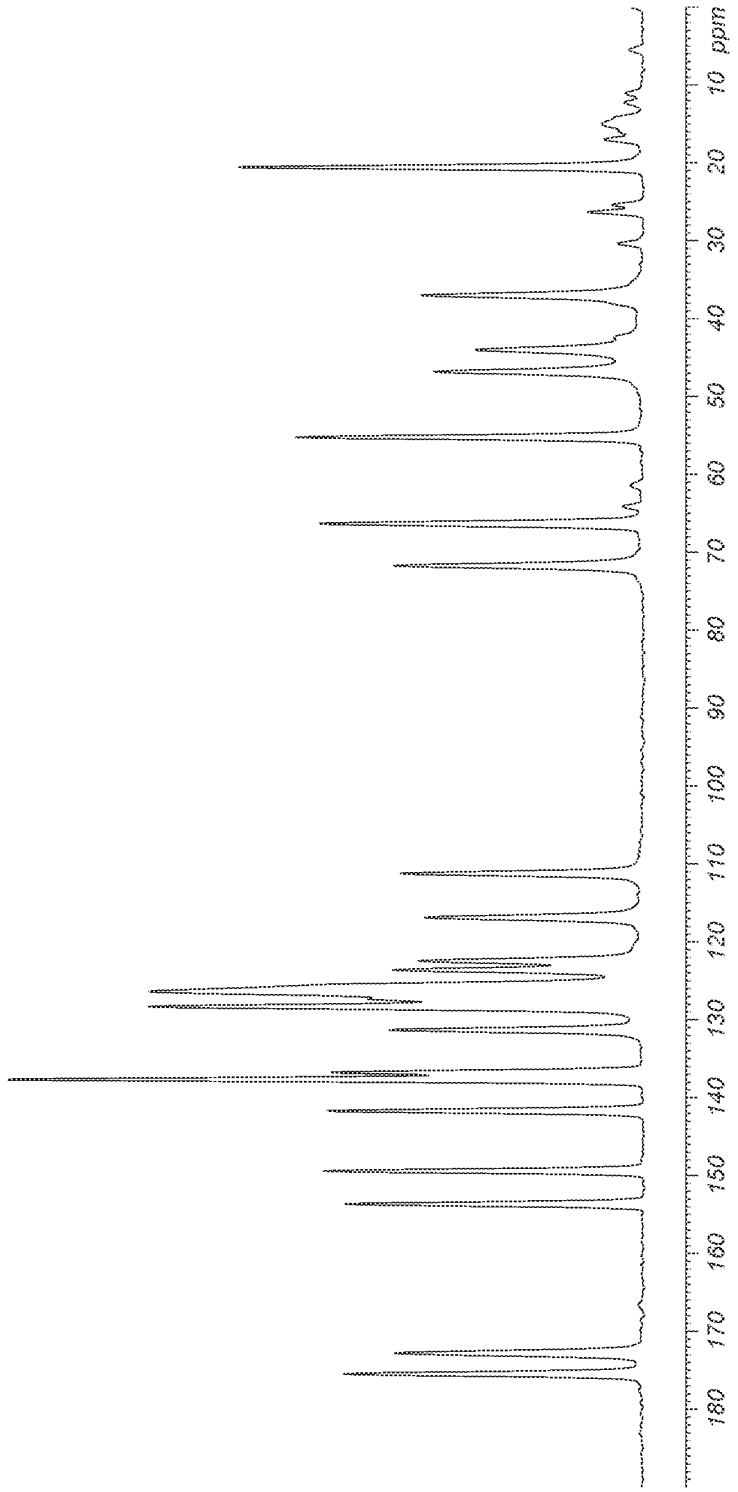


Figure 8.

Figure 9.

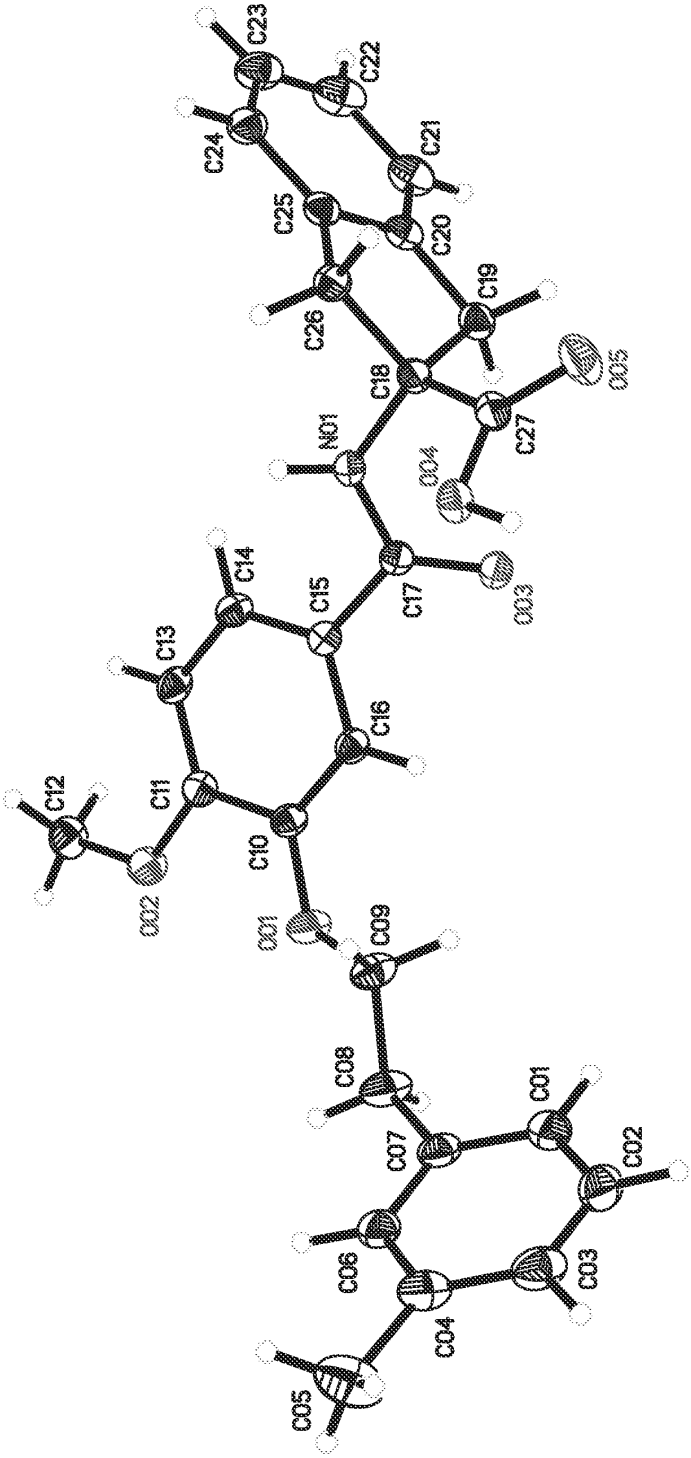

C23
C22
C24
C21
C25
C20
C19
C26
C18
O05
C27
N01
O04
C14
C15
C17
O03
C13
C16
C12
C11
C10
O02
O01
C09
C08
C01
C07
C02
C06
C03
C04
C05

Figure 10

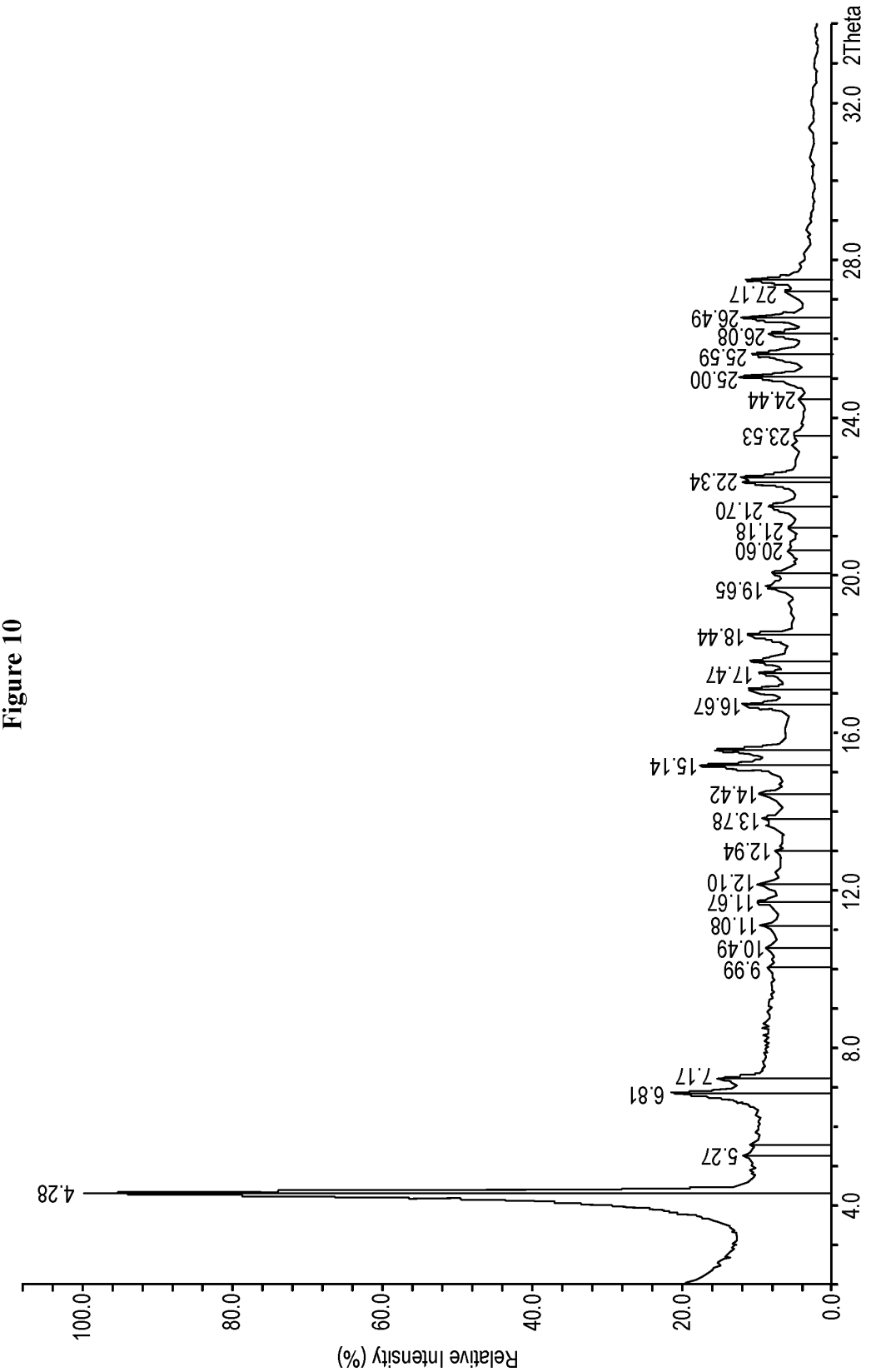
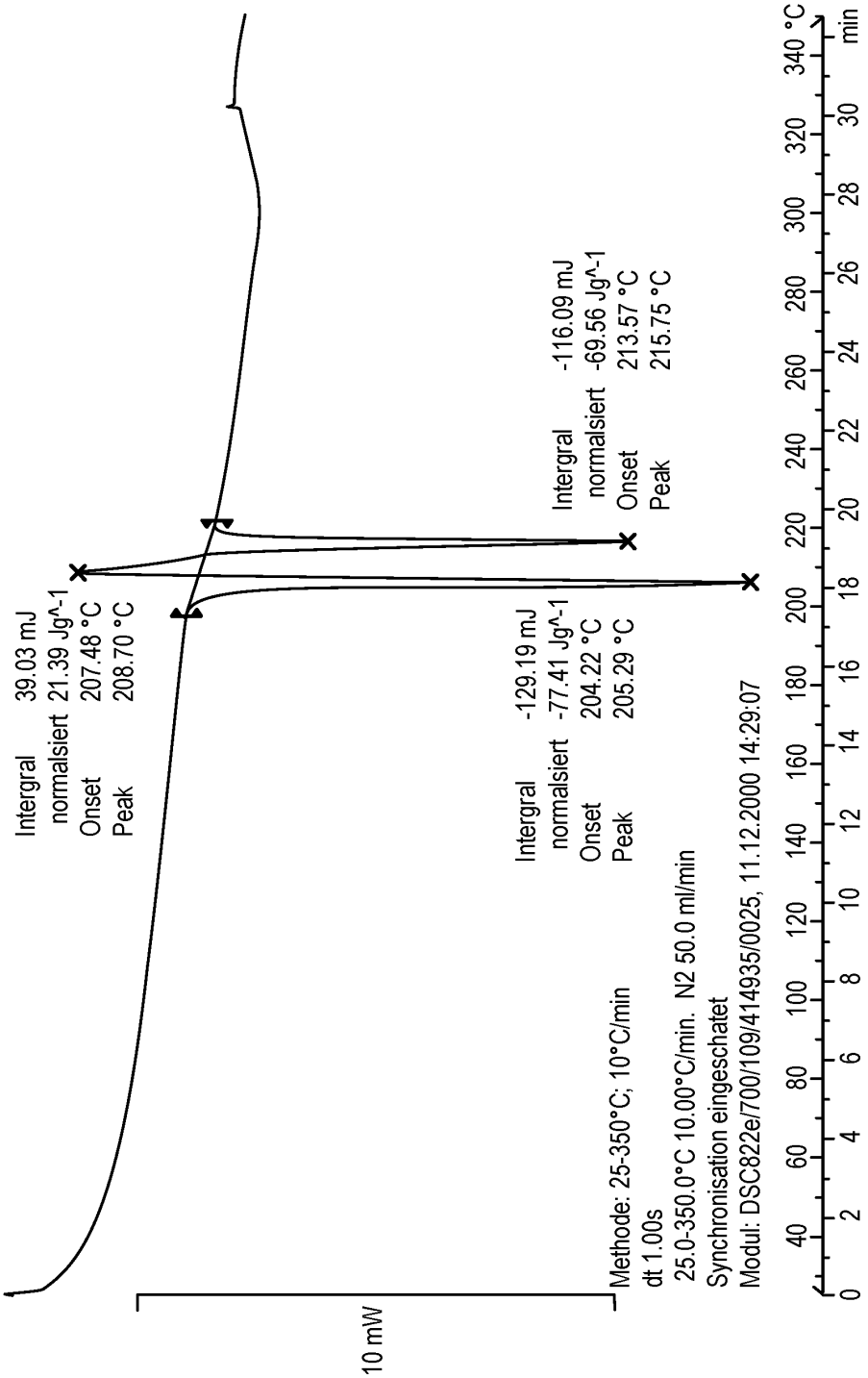

Relative Intensity (%)
2Theta
0.0
20.0
40.0
60.0
80.0
100.0
4.0
8.0
12.0
16.0
20.0
24.0
28.0
32.0
4.28
5.27
6.81
7.17
9.99
10.49
11.08
11.67
12.10
12.94
13.78
14.42
15.14
16.67
17.47
18.44
19.65
20.60
21.18
21.70
22.34
23.53
24.44
25.00
25.59
26.08
26.49
27.17

Figure 11


Intergral 39.03 mJ
normalsiert 21.39 Jg^-1
Onset 207.48 °C
Peak 208.70 °C
Intergral -129.19 mJ
normalsiert -77.41 Jg^-1
Onset 204.22 °C
Peak 205.29 °C
Intergral -116.09 mJ
normalsiert -69.56 Jg^-1
Onset 213.57 °C
Peak 215.75 °C
10 mW
Methode: 25-350°C; 10°C/min
dt 1.00s
25.0-350.0°C 10.00°C/min. N2 50.0 ml/min
Synchronisation eingeschatet
Modul: DSC822e/700/109/414935/0025, 11.12.2000 14:29:07
0 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 min
40 60 80 100 120 140 160 180 200 220 240 260 280 300 320 340 °C

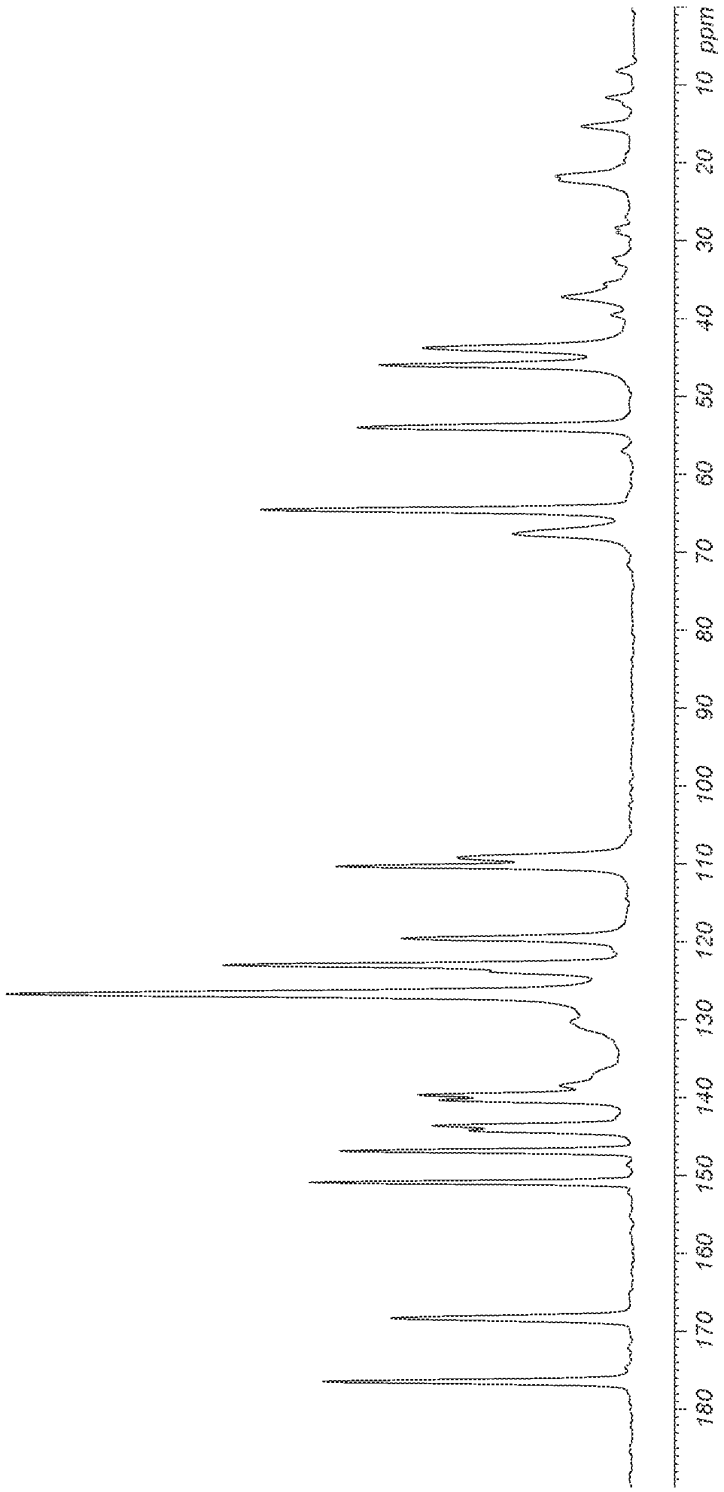


Figure 12.

Figure 13

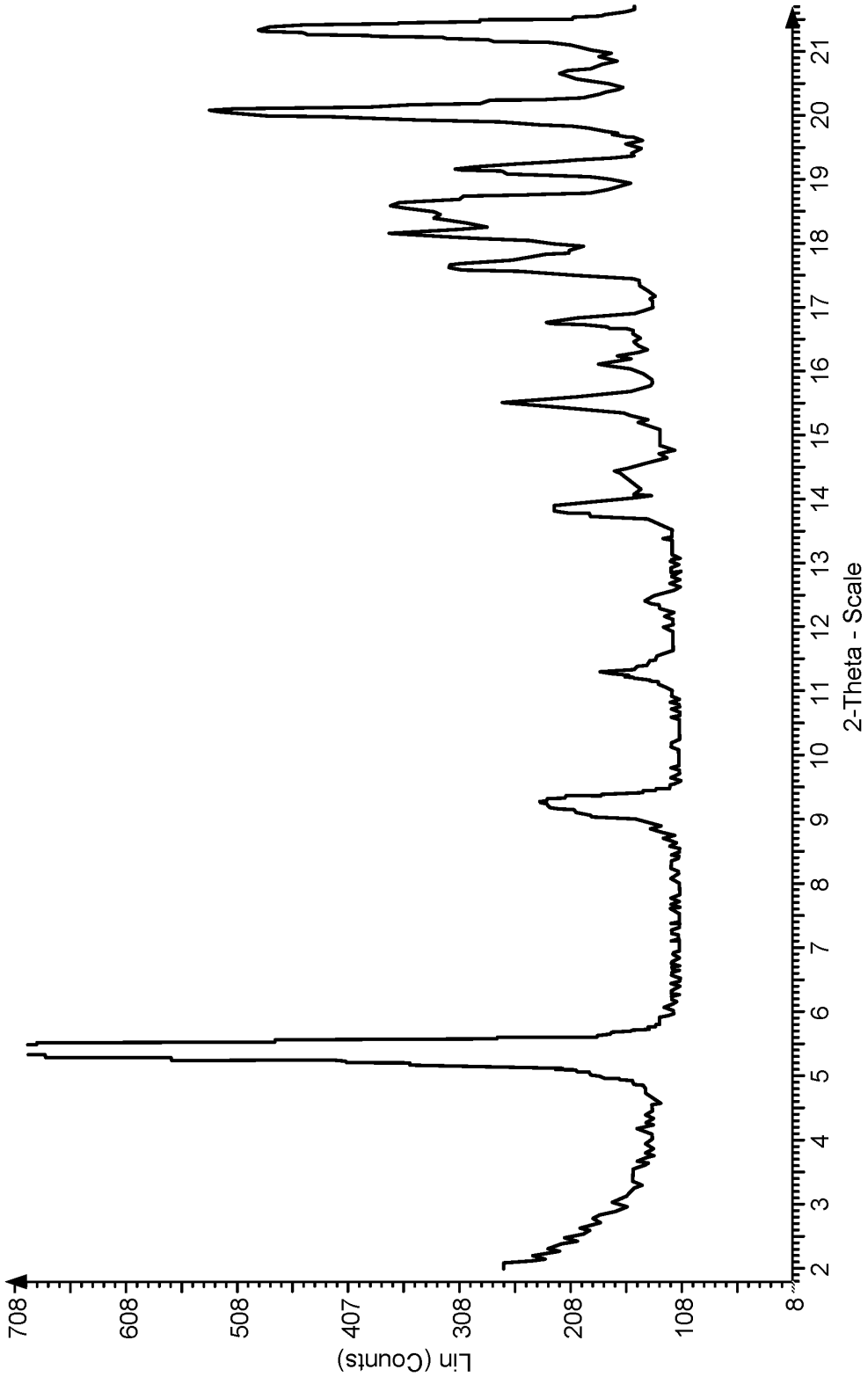

Lin (Counts)
708
608
508
407
308
208
108
8
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
2-Theta - Scale

Figure 14

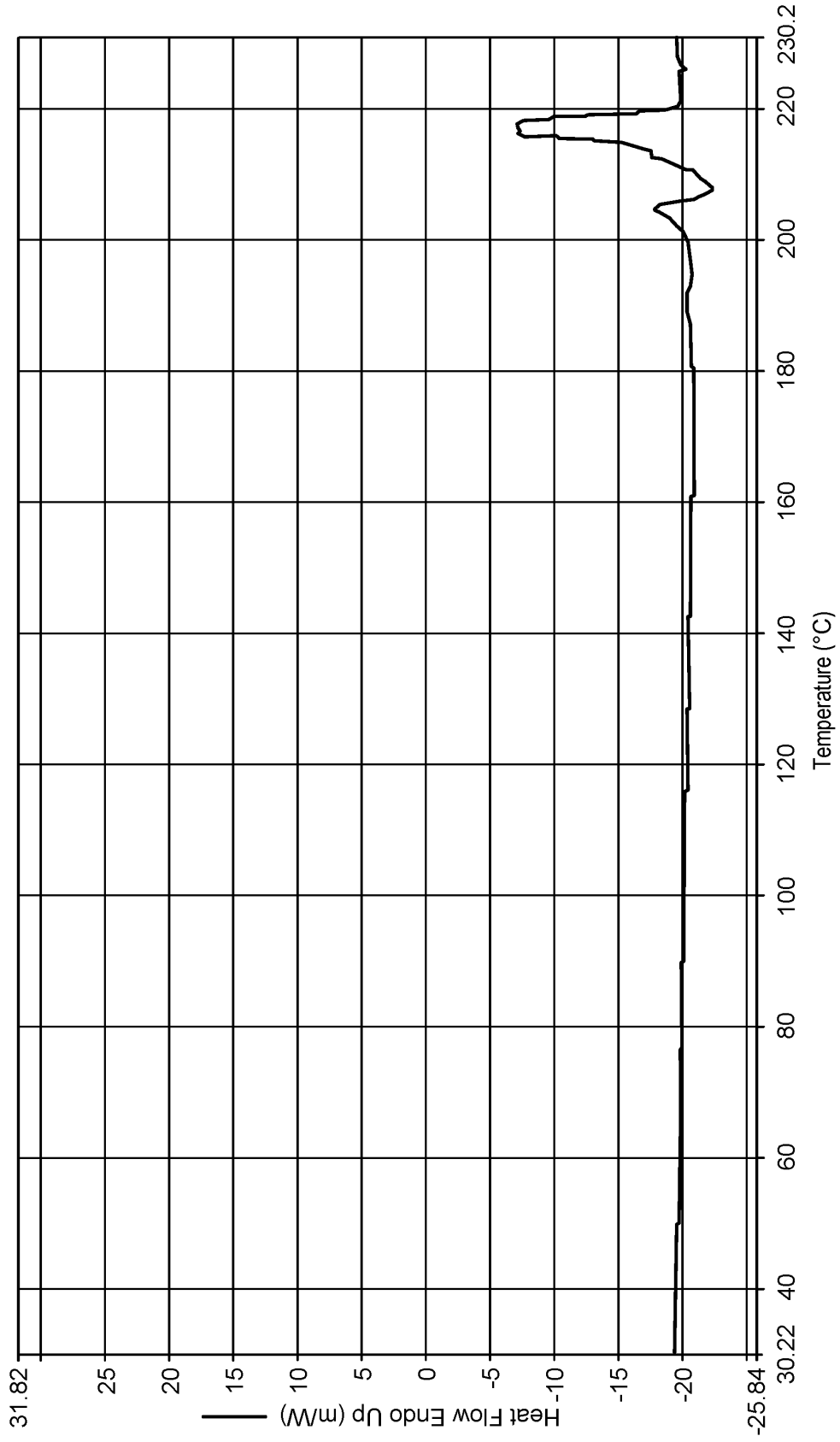
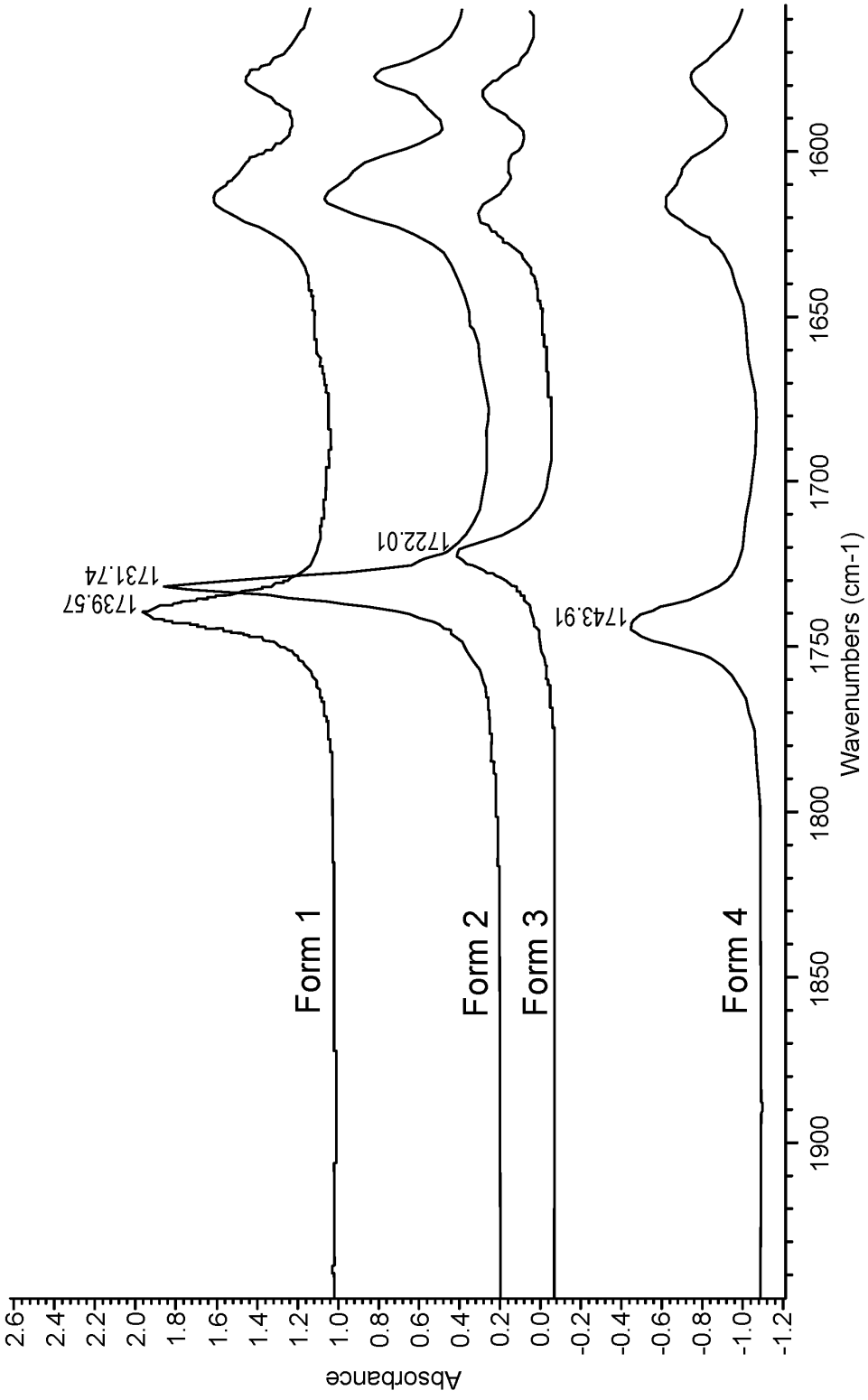

31.82
25
20
15
10
5
0
-5
-10
-15
-20
-25.84
Heat Flow Endo Up (mW)
30.22
40
60
80
100
120
140
160
180
200
220
230.2
Temperature (°C)

Figure 15


1739.57
1731.74
1722.01
1743.91
Form 1
Form 2
Form 3
Form 4
Absorbance
Wavenumbers (cm-1)
2.6
2.4
2.2
2.0
1.8
1.6
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
-0.2
-0.4
-0.6
-0.8
-1.0
-1.2
1900
1850
1800
1750
1700
1650
1600

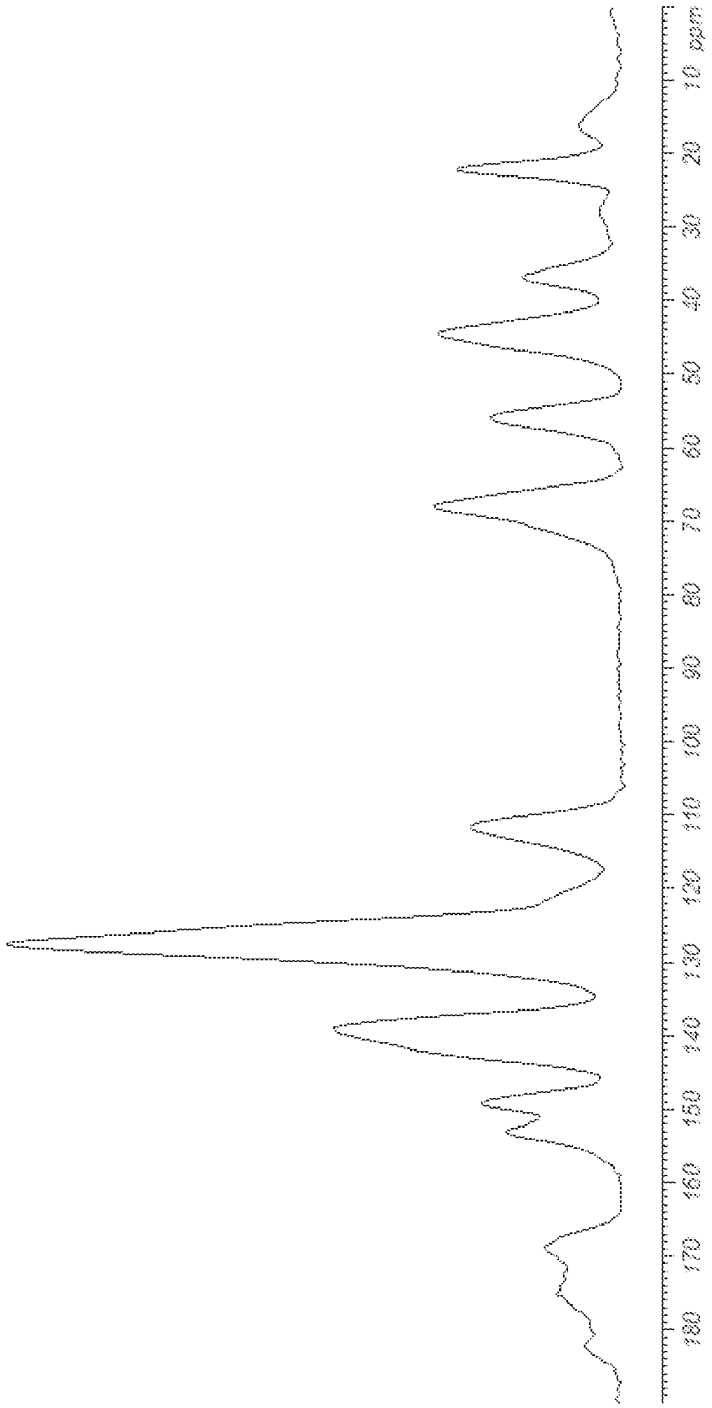
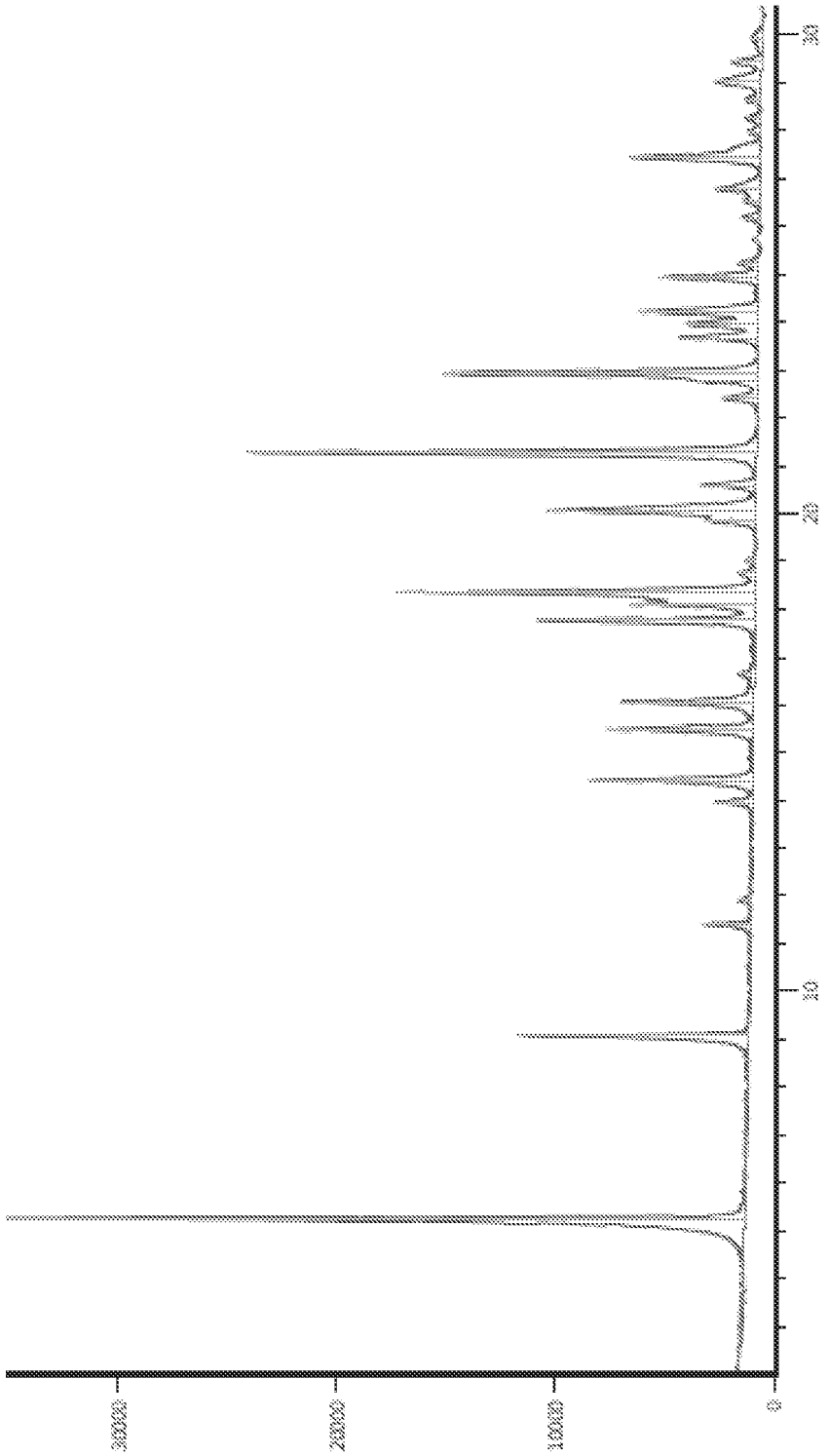


Figure 16.

Figure 17.



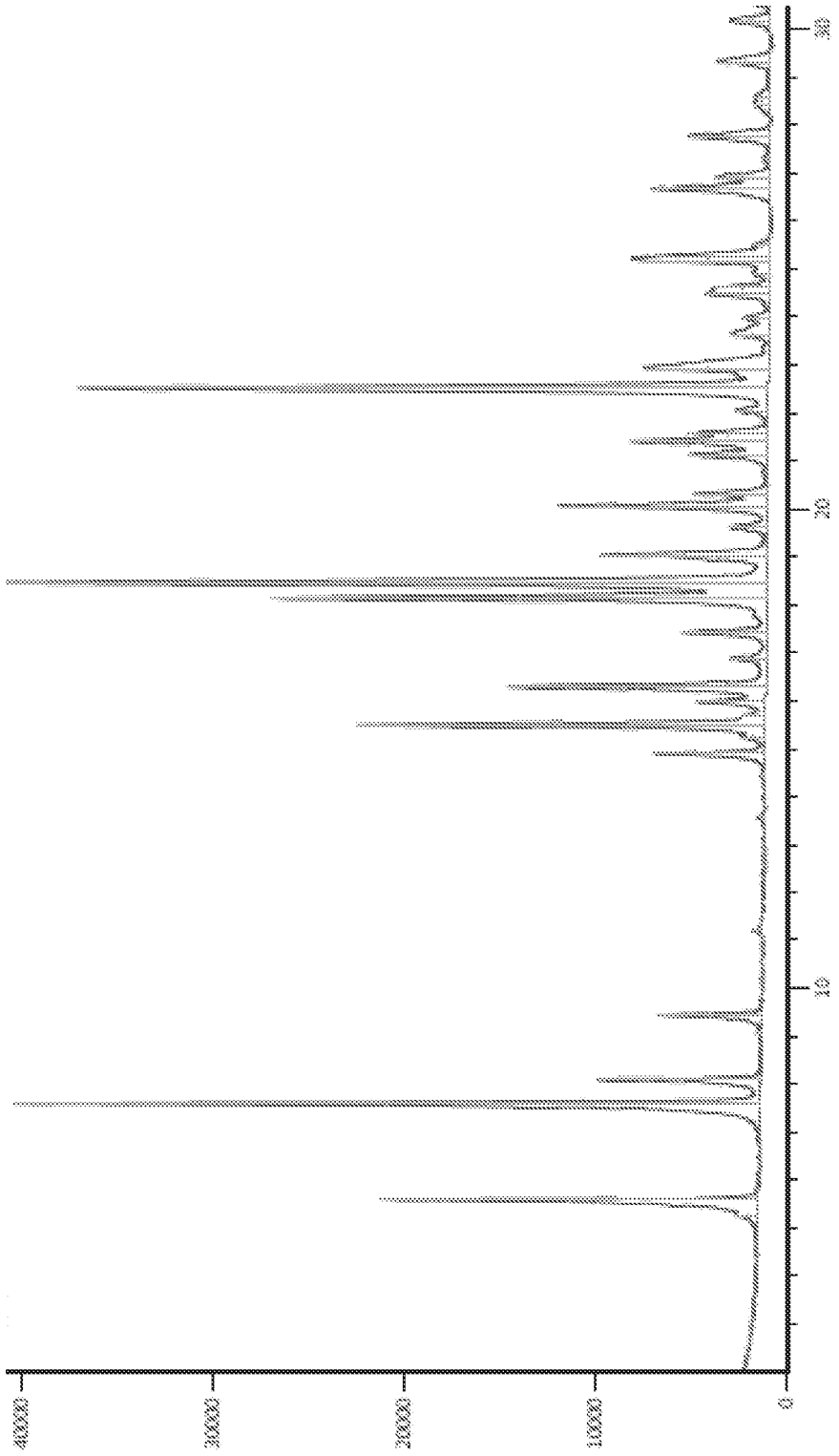
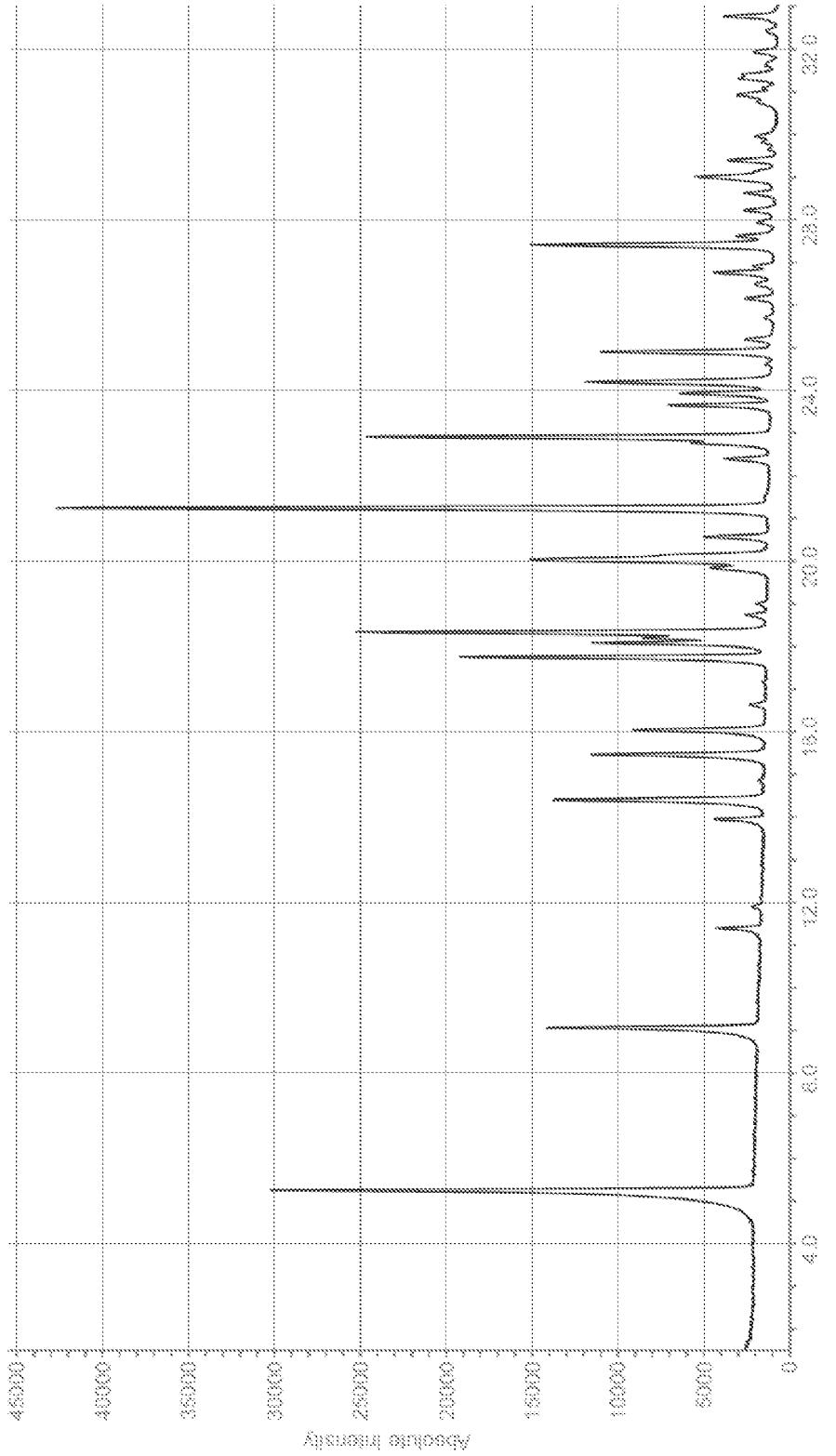


Figure 18.

Figure 19.


Absolute Intensity
45000
40000
35000
30000
25000
20000
15000
10000
5000
0
4.0
8.0
12.0
16.0
20.0
24.0
28.0
32.0

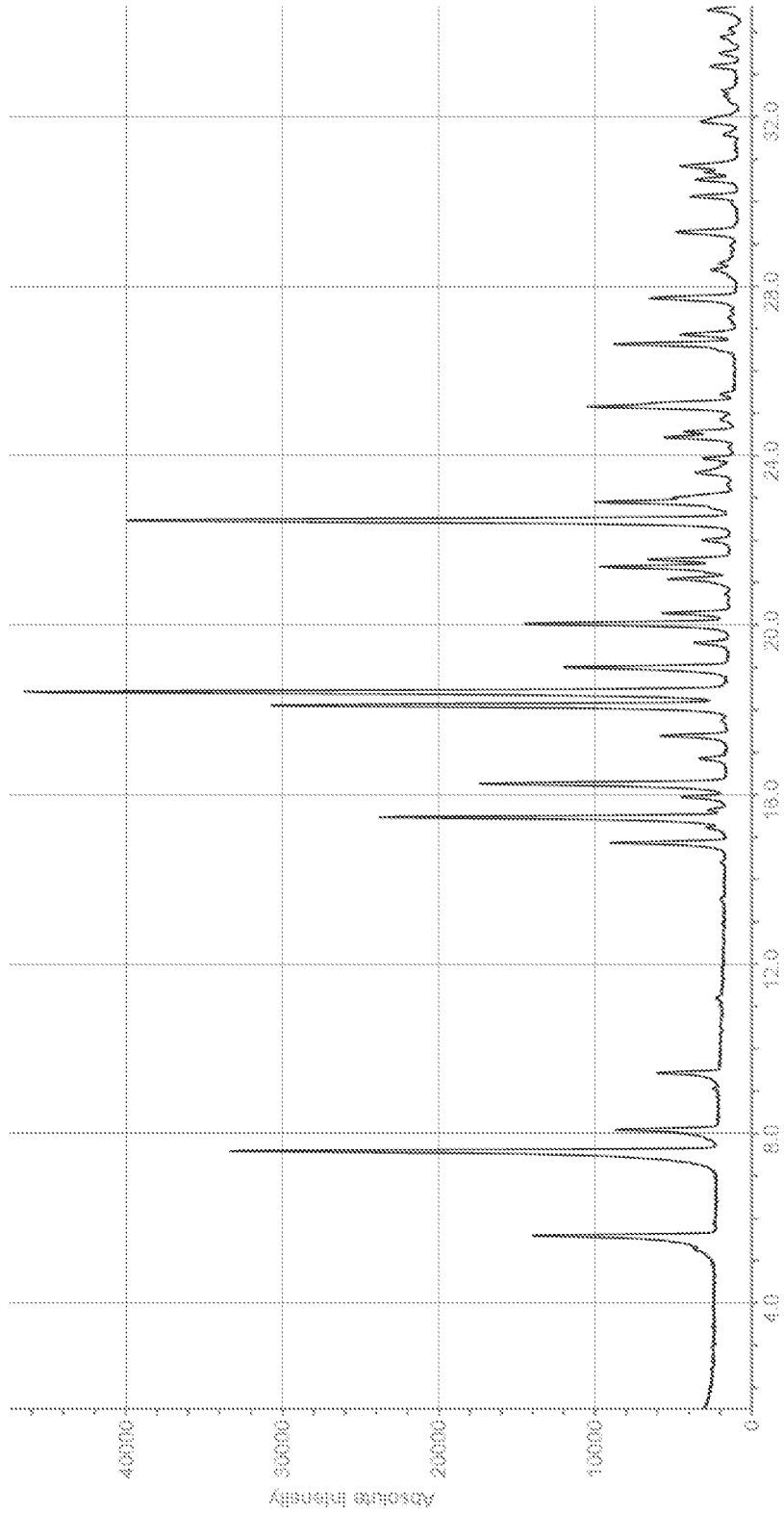

Absolute Intensity
40000
30000
20000
10000
0
4.0
8.0
12.0
16.0
20.0
24.0
28.0
32.0

Figure 20.

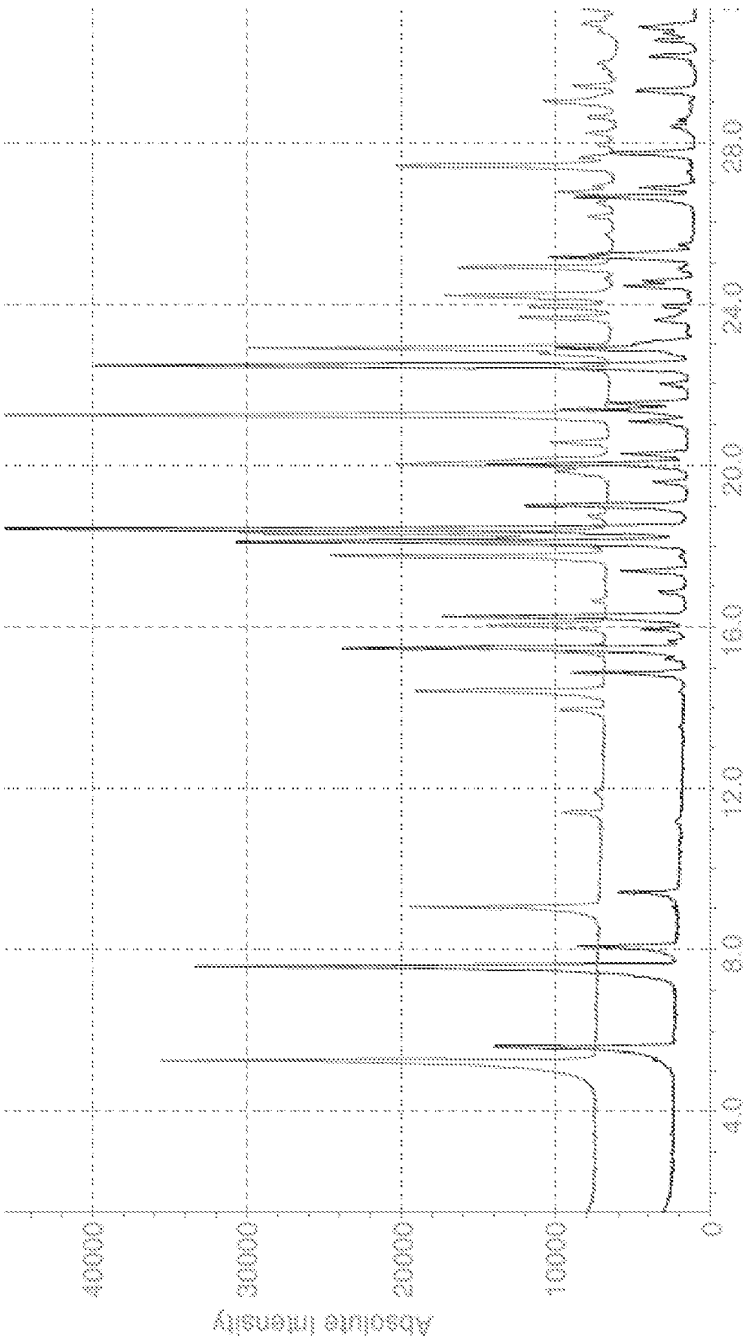

Absolute Intensity
40000
30000
20000
10000
0
4.0
8.0
12.0
16.0
20.0
24.0
28.0

Figure 21.

Figure 22

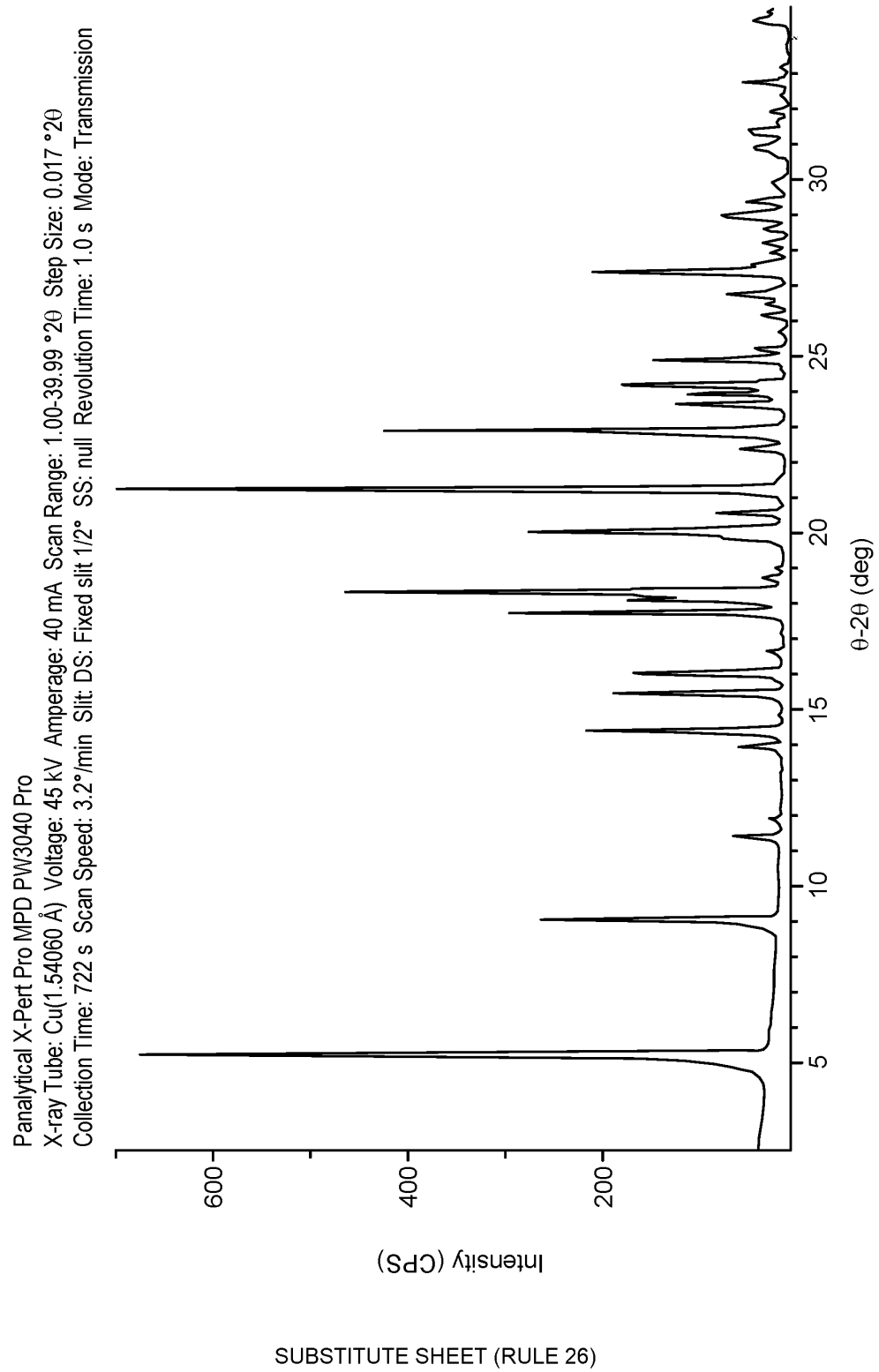

Panalytical X-Pert Pro MPD PW3040 Pro
X-ray Tube: Cu(1.54060 Å) Voltage: 45 kV Amperage: 40 mA Scan Range: 1.00-39.99 °2θ Step Size: 0.017 °2θ
Collection Time: 722 s Scan Speed: 3.2°/min Slit: DS: Fixed slit 1/2° SS: null Revolution Time: 1.0 s Mode: Transmission
Intensity (CPS)
600
400
200
5
10
15
20
25
30
θ-2θ (deg)

Figure 23

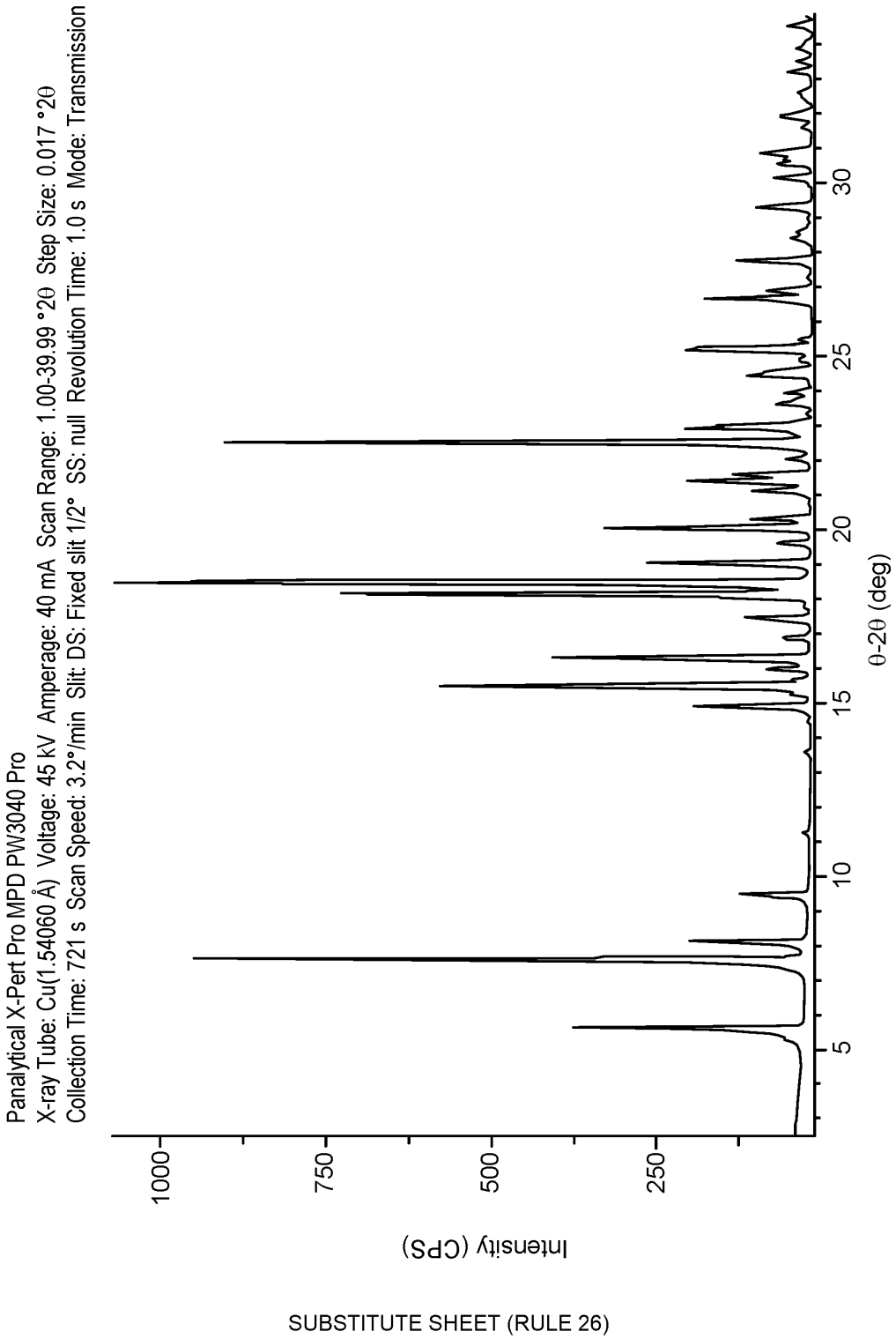
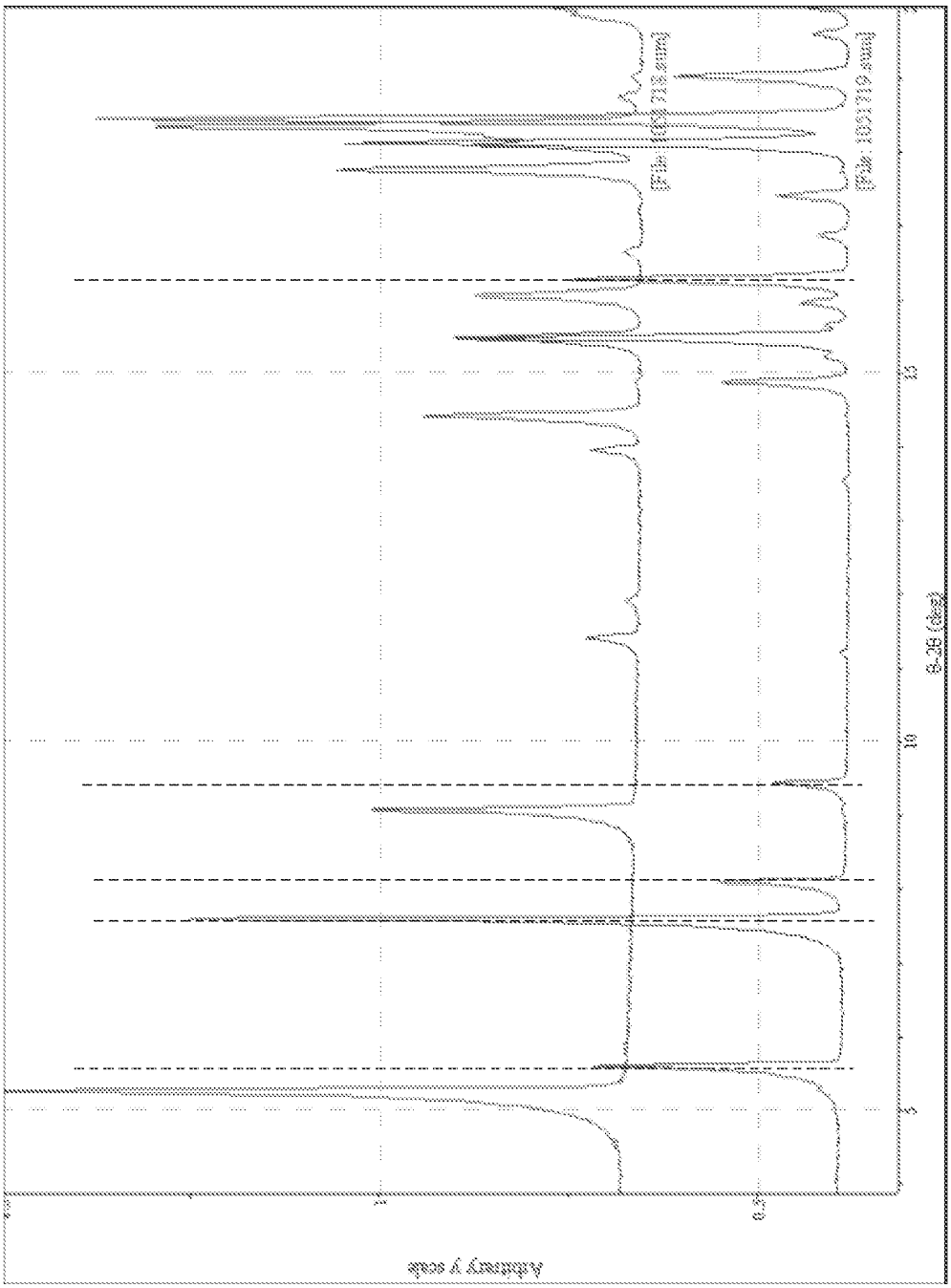

Panalytical X-Pert Pro MPD PW3040 Pro
X-ray Tube: Cu(1.54060 Å) Voltage: 45 kV Amperage: 40 mA Scan Range: 1.00-39.99 °2θ Step Size: 0.017 °2θ
Collection Time: 721 s Scan Speed: 3.2°/min Slit: DS: Fixed slit 1/2° SS: null Revolution Time: 1.0 s Mode: Transmission
Intensity (CPS)
1000
750
500
250
5
10
15
20
25
30
θ-2θ (deg)

Figure 24.


Arbitrary y scale
0.0
0.5
1.0
5
10
15
9.36 (day)
Mass 1100.610 amu
Mass 1110.610 amu

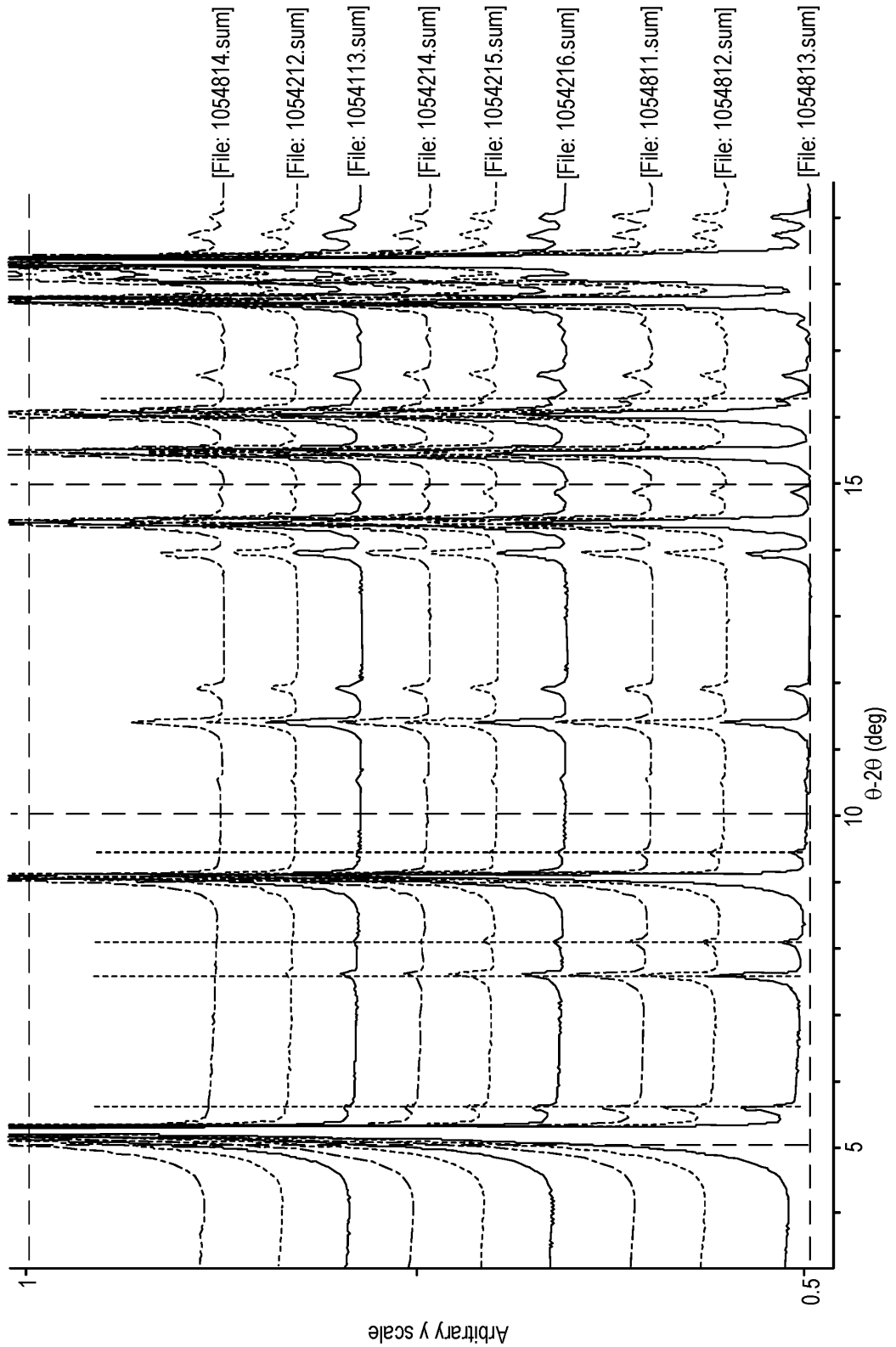

[File: 1054814.sum]
[File: 1054212.sum]
[File: 1054113.sum]
[File: 1054214.sum]
[File: 1054215.sum]
[File: 1054216.sum]
[File: 1054811.sum]
[File: 1054812.sum]
[File: 1054813.sum]
1
0.5
Arbitrary y scale
5
10
15
θ-2θ (deg)

Figure 25

Figure 26.

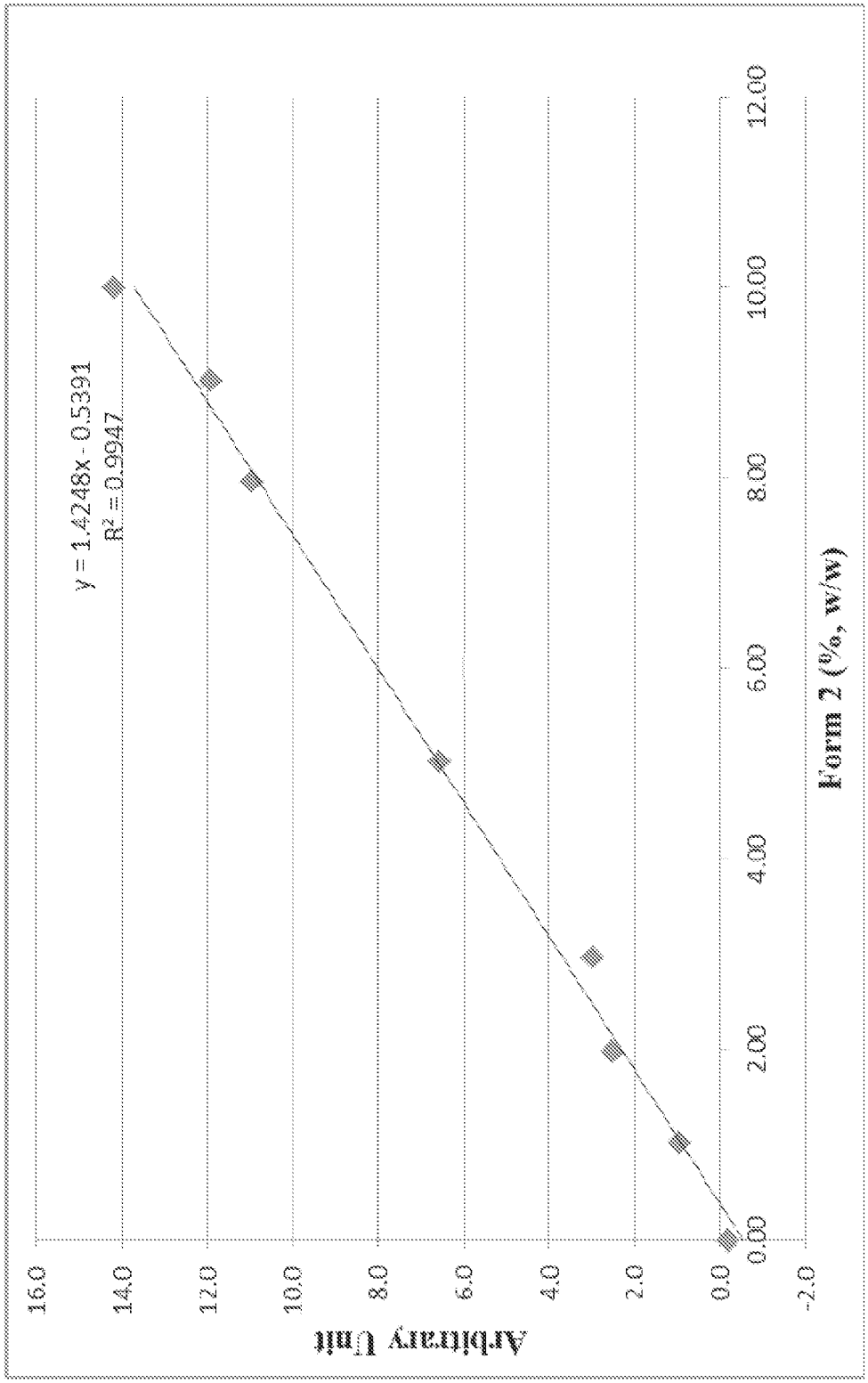
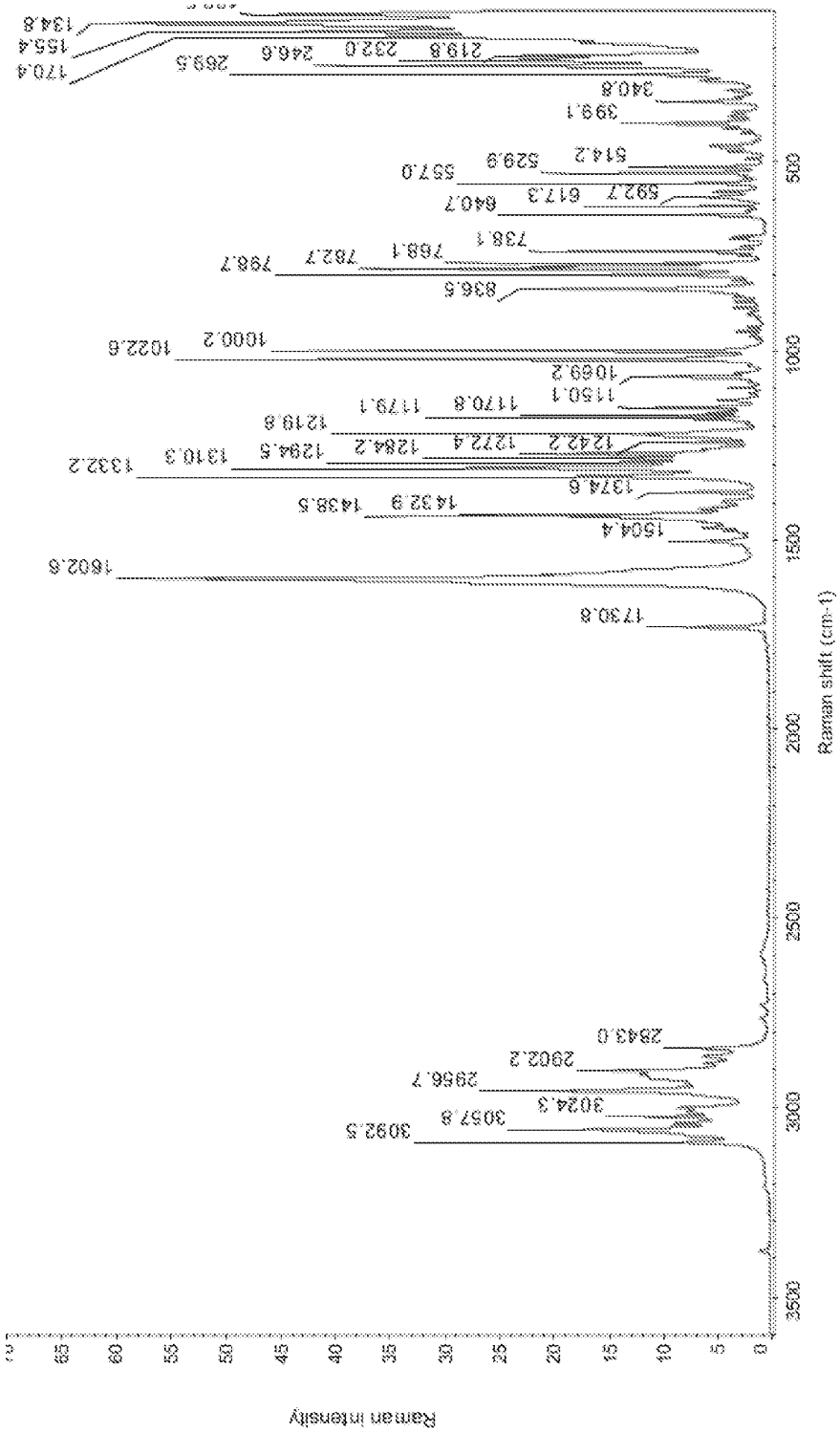

y = 1.4248x - 0.5391
R² = 0.9947
Arbitrary Unit
Form 2 (%, w/w)
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
-2.0
0.00
2.00
4.00
6.00
8.00
10.00
12.00

Figure 27.


Raman intensity
Raman shift (cm-1)
3500
3000
2500
2000
1500
1000
500
0
5
10
15
20
25
30
35
40
45
50
55
60
65
2843.0
2902.2
2956.7
3024.3
3057.8
3092.5
1730.8
1602.6
1504.4
1438.5
1432.9
1374.6
1332.2
1310.3
1284.2
1272.4
1242.2
1219.8
1179.1
1170.8
1150.1
1089.2
1022.6
1000.2
836.5
798.7
782.7
768.1
738.1
640.7
617.3
592.7
557.0
529.9
514.2
399.1
340.8
269.5
246.6
232.0
219.8
170.4
155.4
134.8

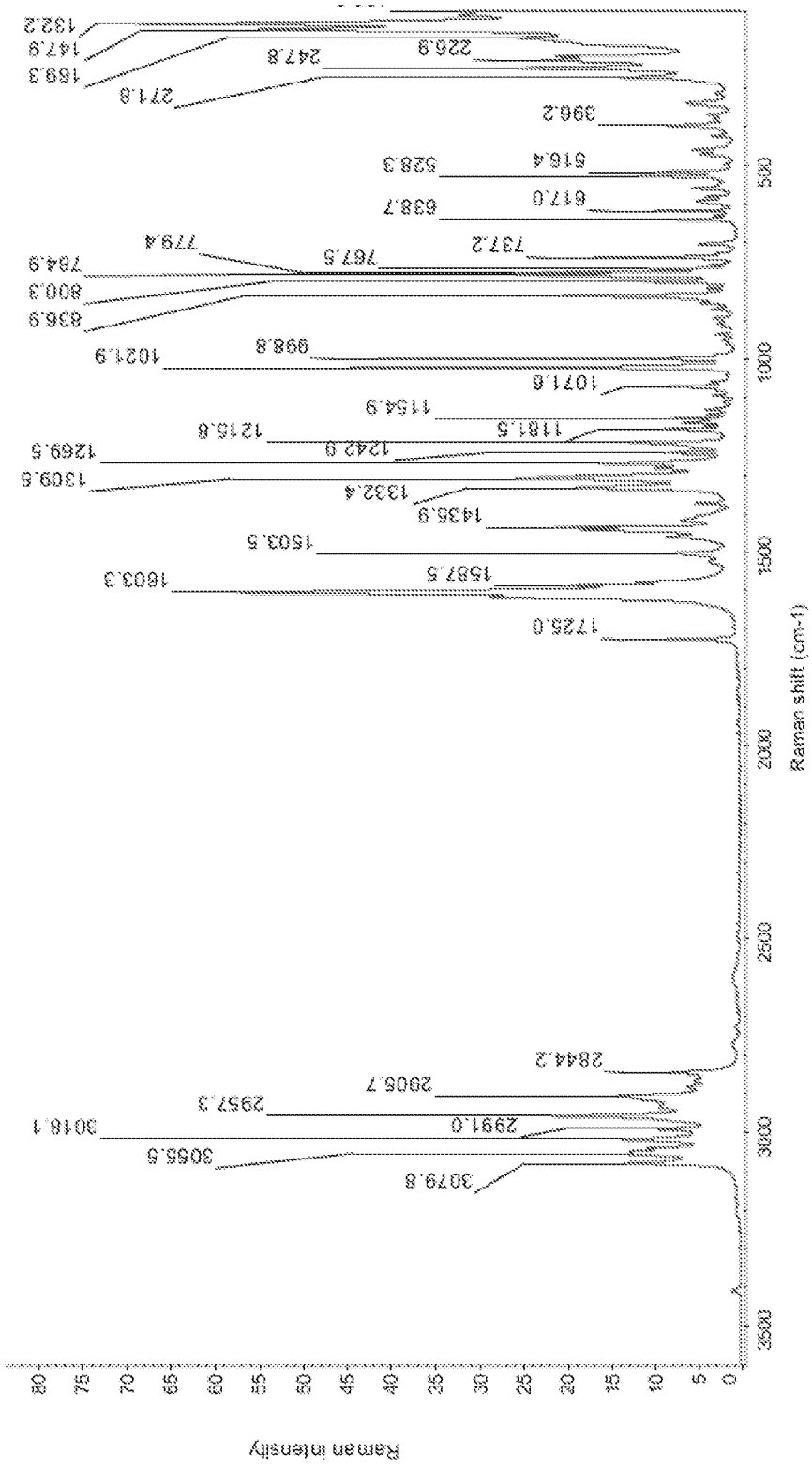

Raman intensity
Raman shift (cm-1)
3500
3000
2500
2000
1500
1000
500
0
5
10
15
20
25
30
35
40
45
50
55
60
65
70
75
80
3079.8
3055.5
2991.0
2957.3
2905.7
2844.2
1725.0
1603.3
1587.5
1503.5
1435.9
1332.4
1309.5
1269.5
1242.9
1181.5
1154.9
1071.6
1021.9
998.8
856.9
800.3
784.9
779.4
767.5
737.2
638.7
617.0
528.3
516.4
398.2
271.8
247.8
226.9
169.3
147.9
132.2

Figure 28.