

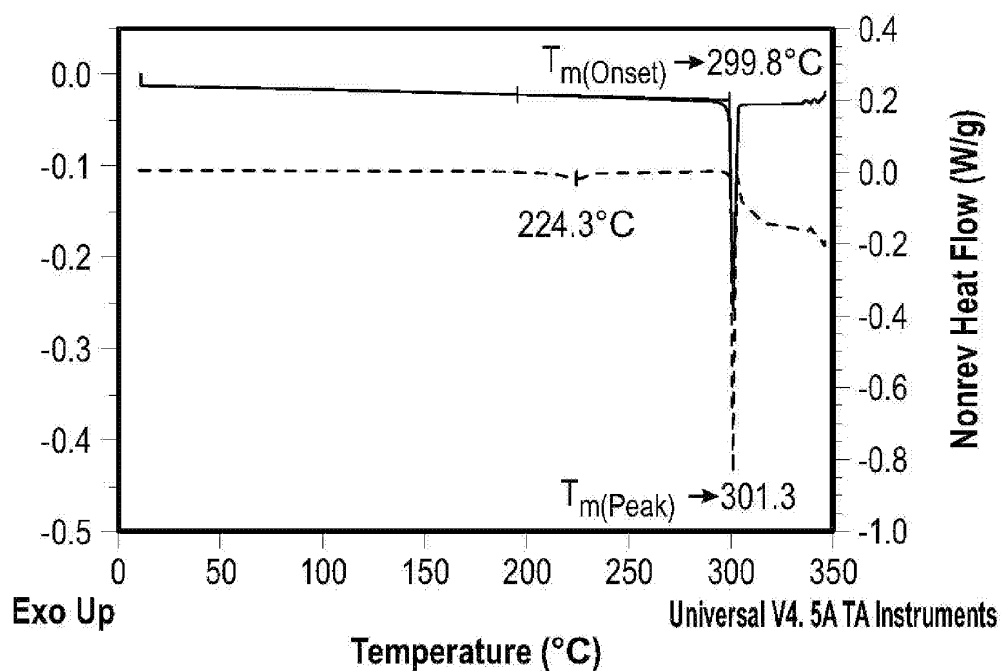


FIG. 1

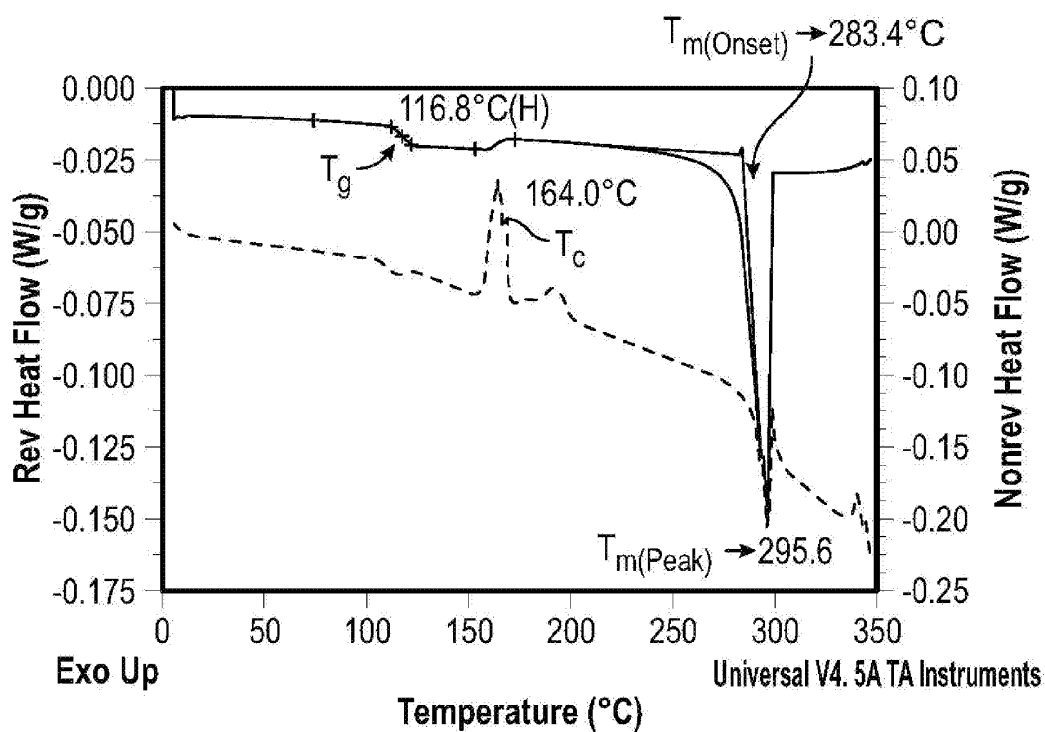
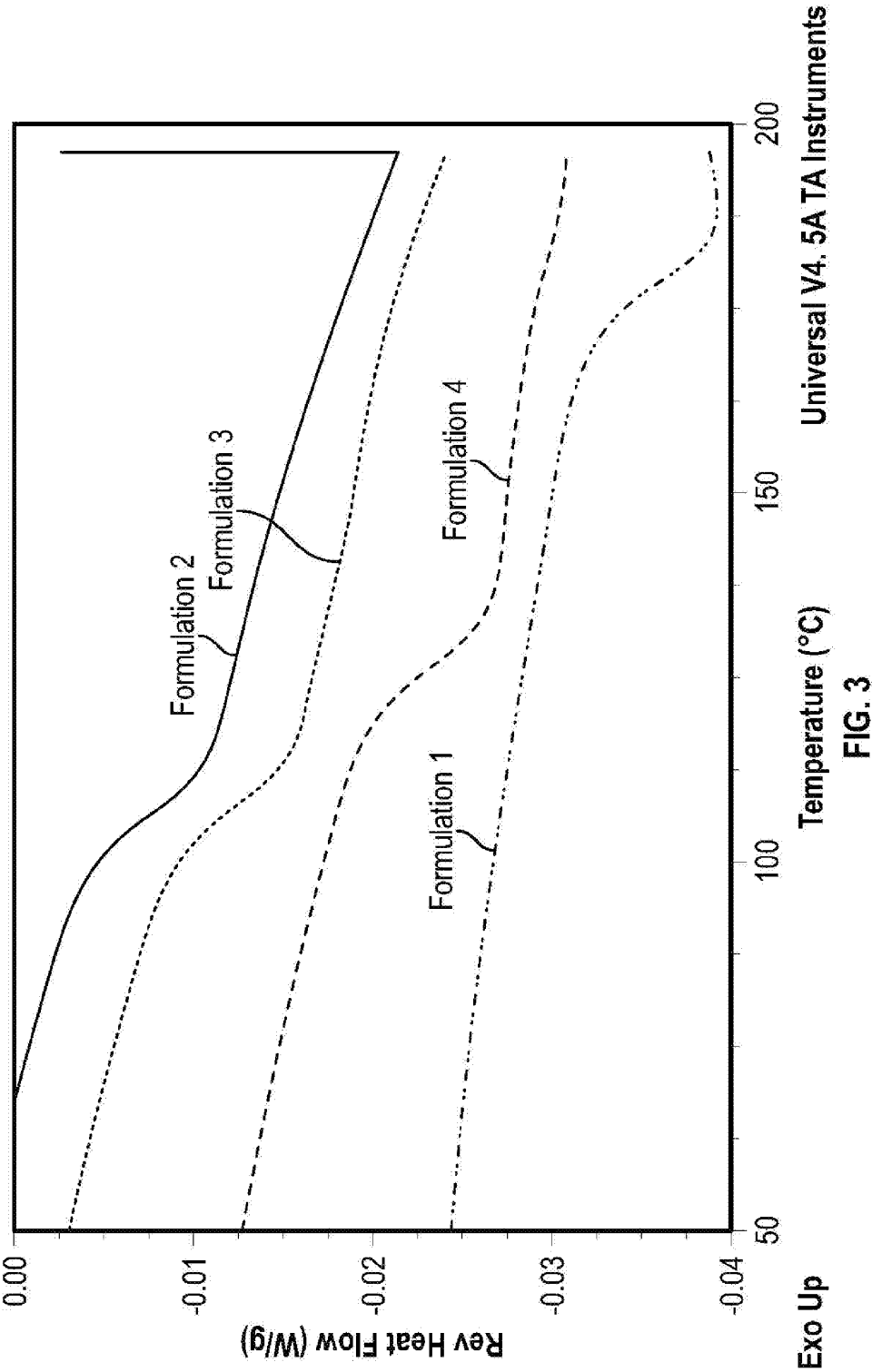


FIG. 2



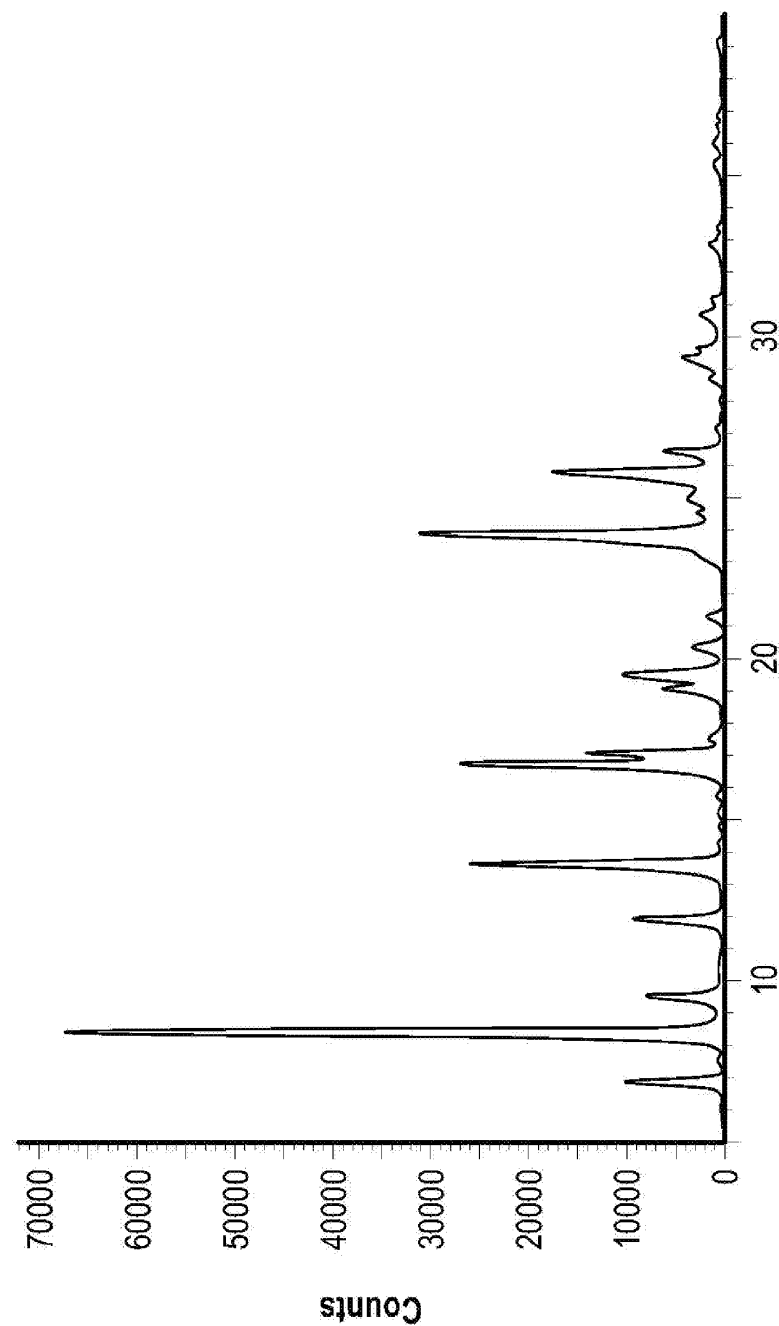


FIG. 4

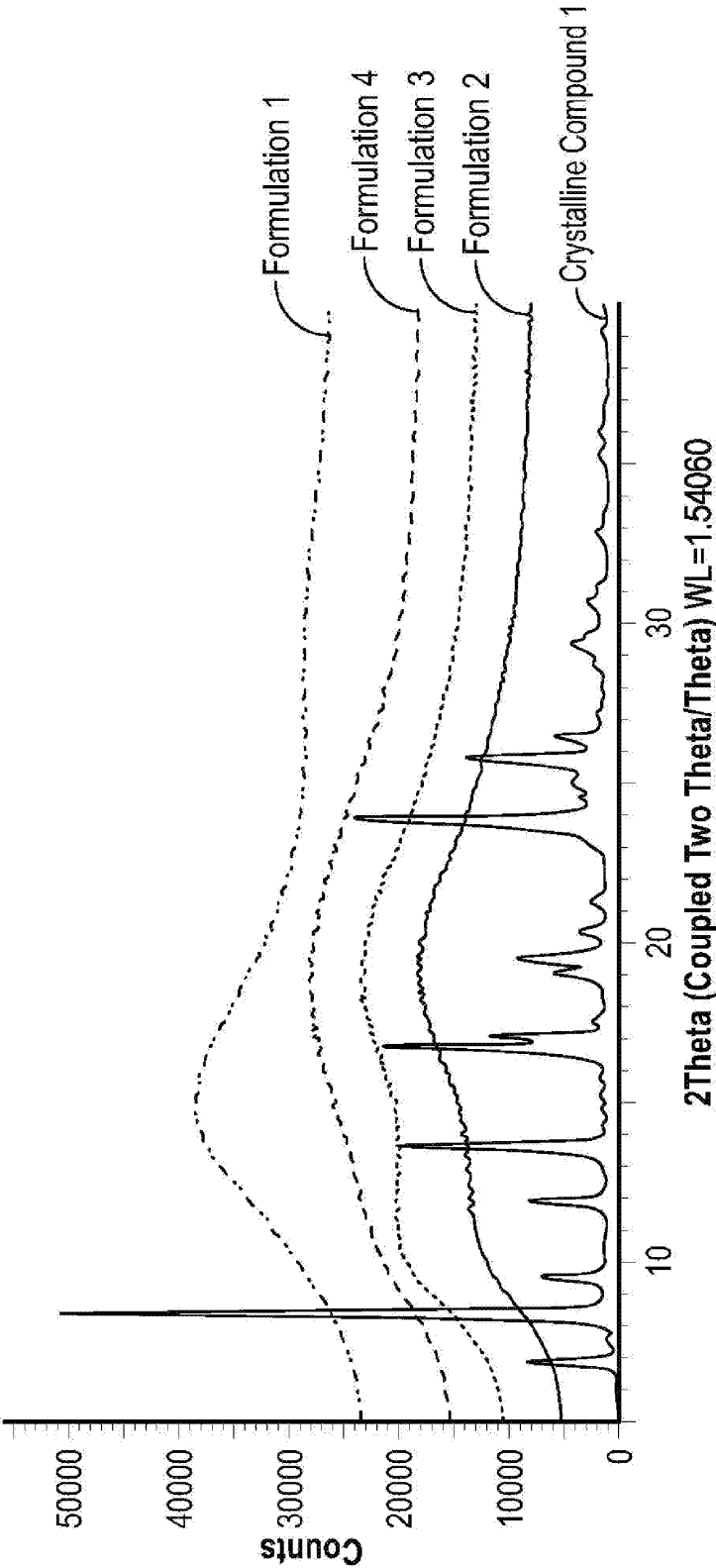
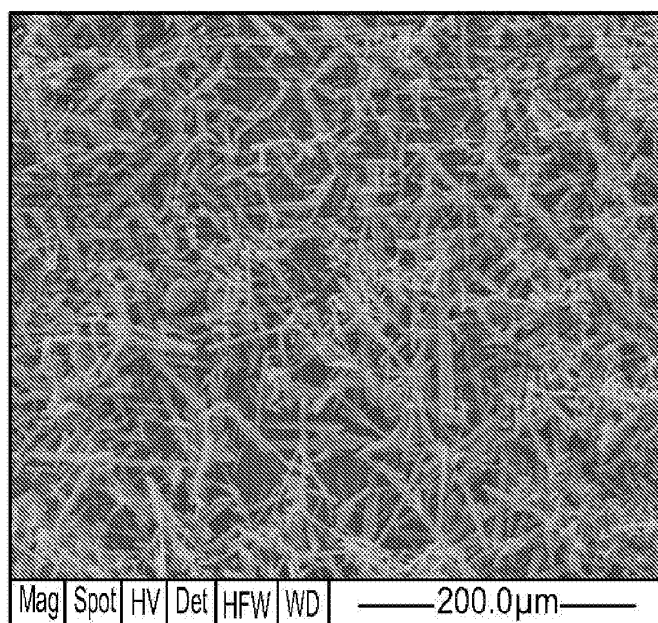
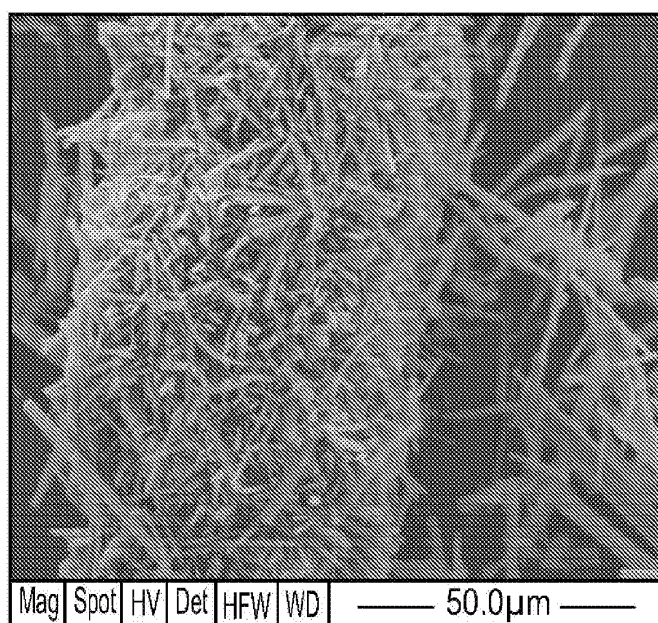


FIG. 5

**FIG. 6****FIG. 7**

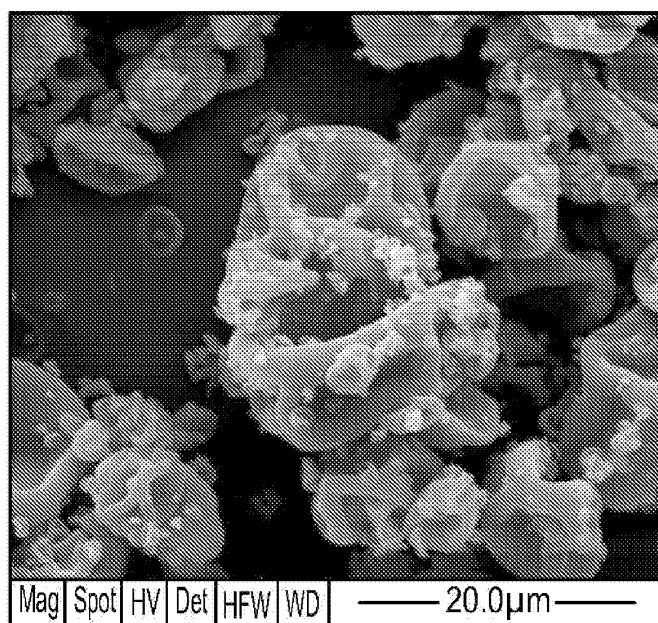


FIG. 8

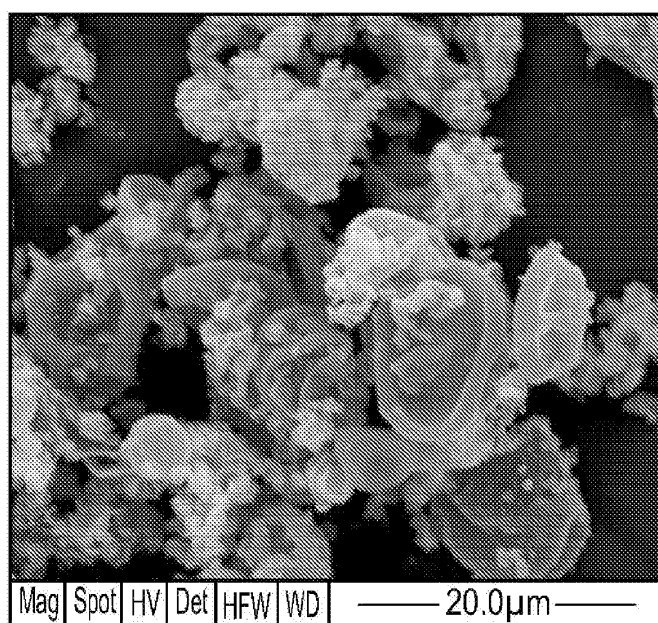
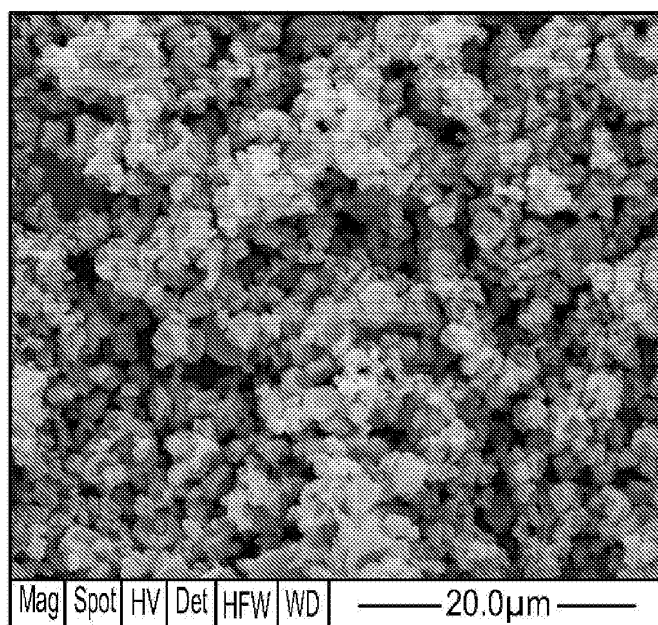
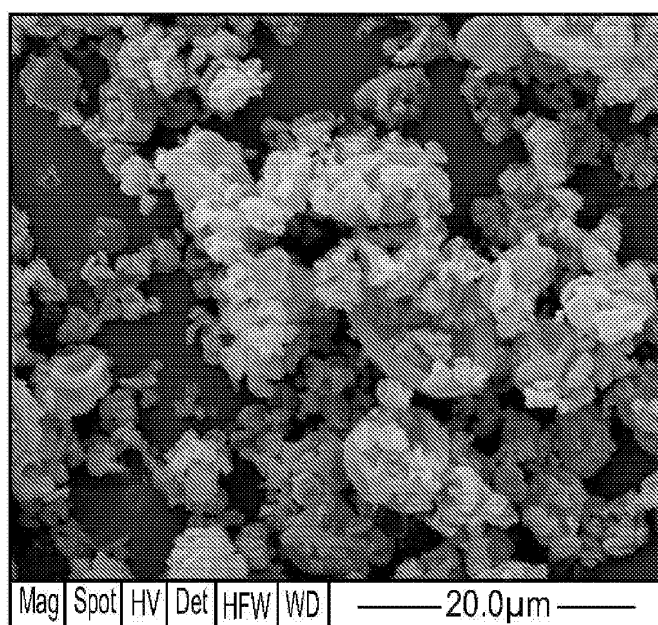


FIG. 9

**FIG. 10****FIG. 11**

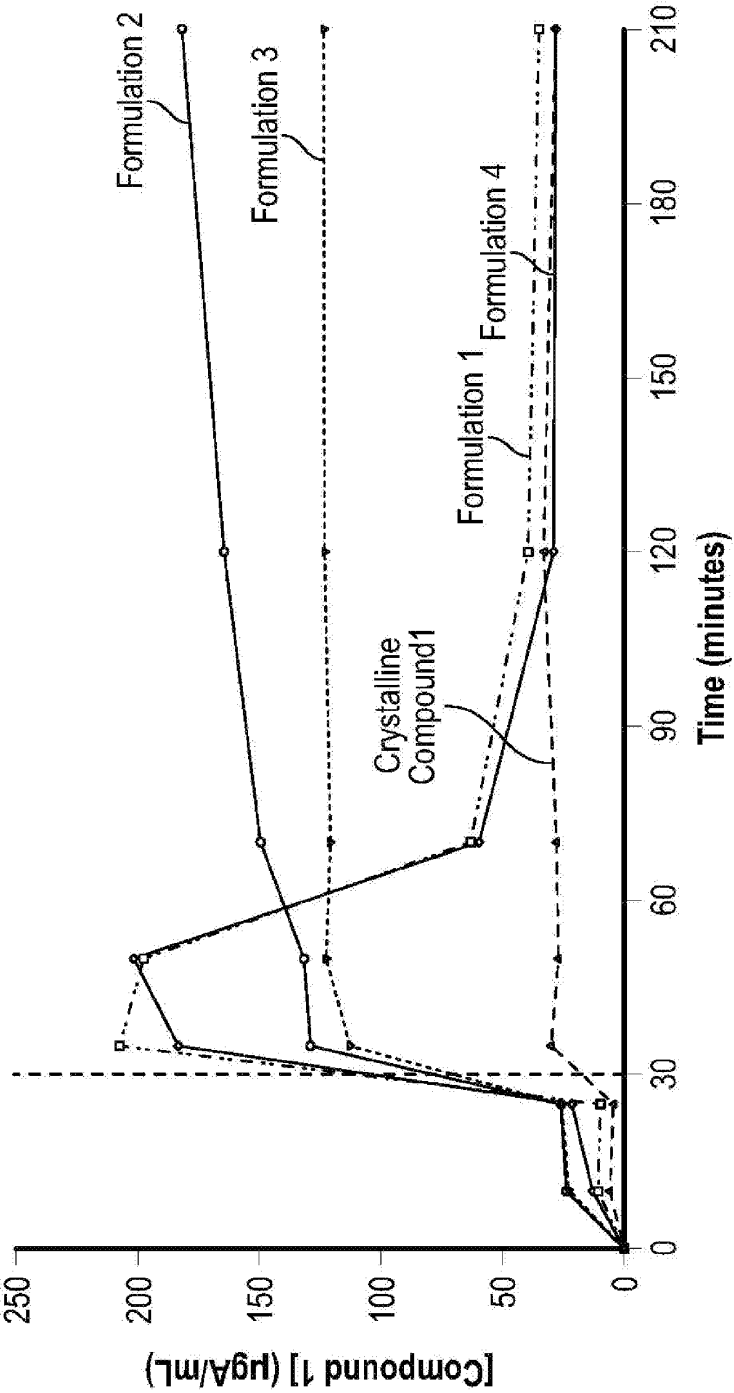


FIG. 12

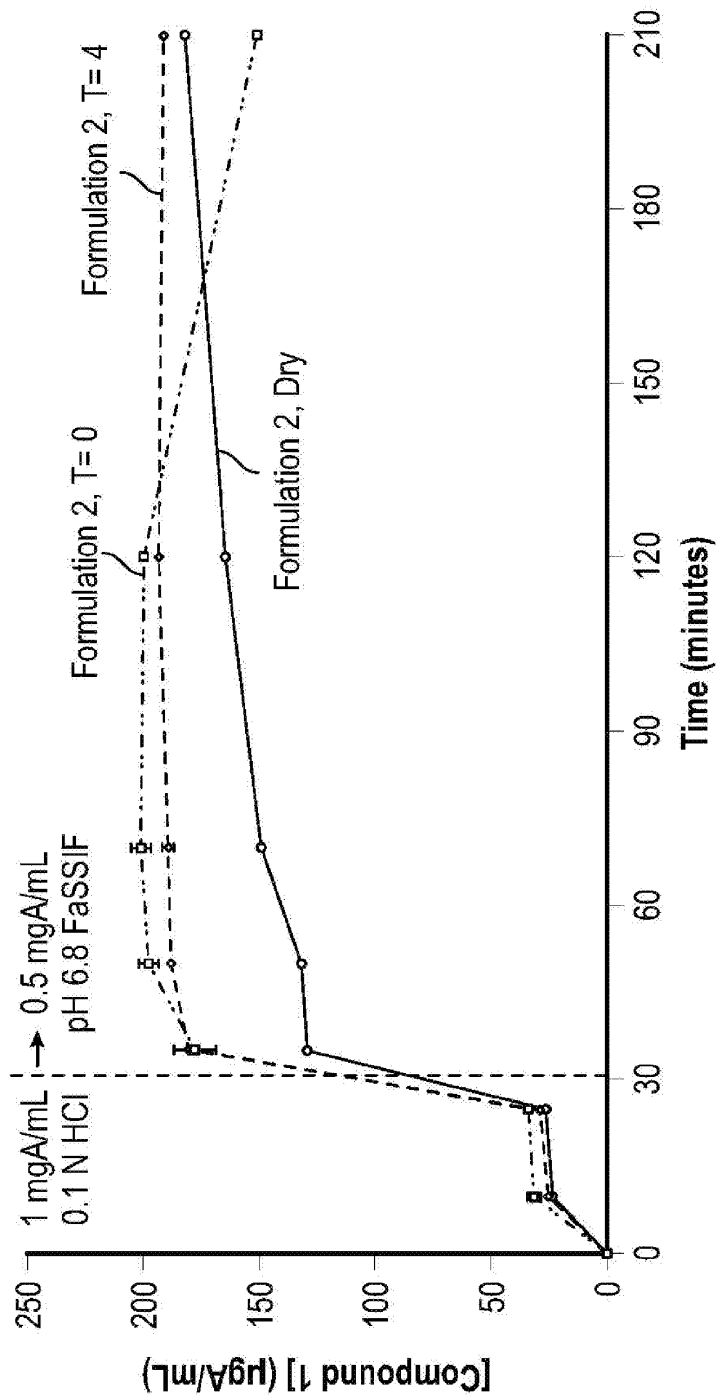
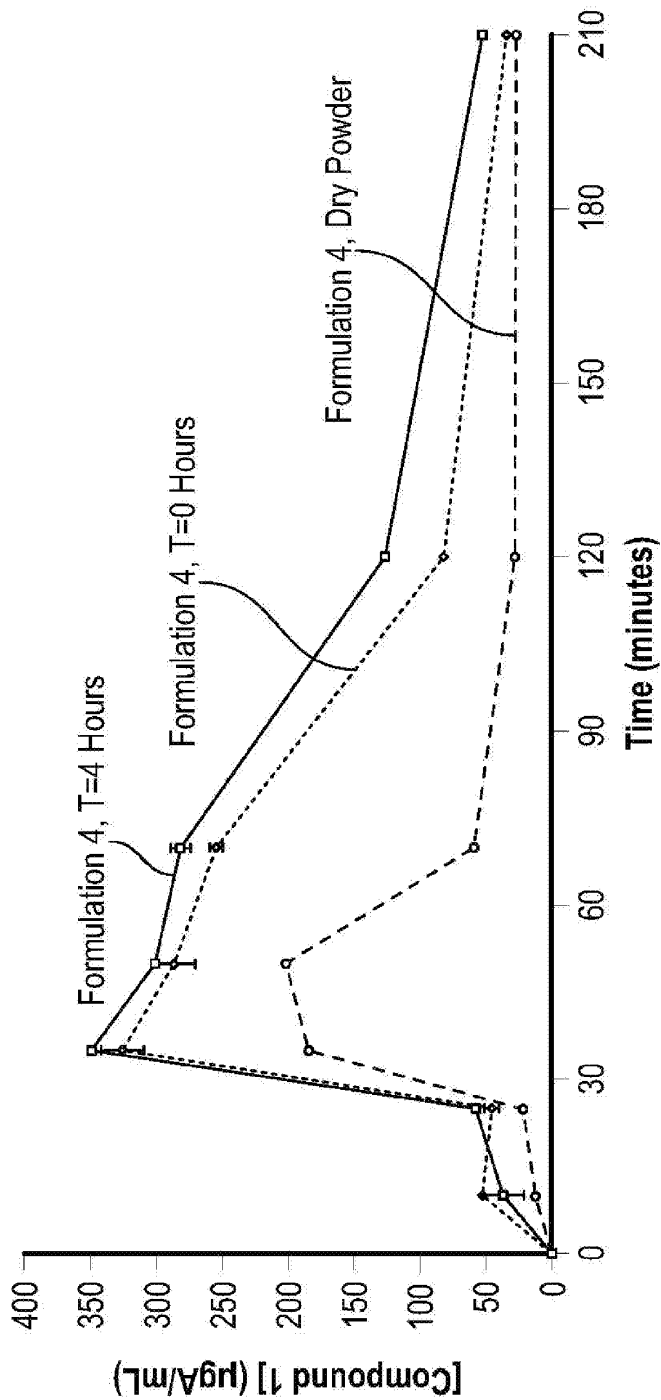


FIG. 13



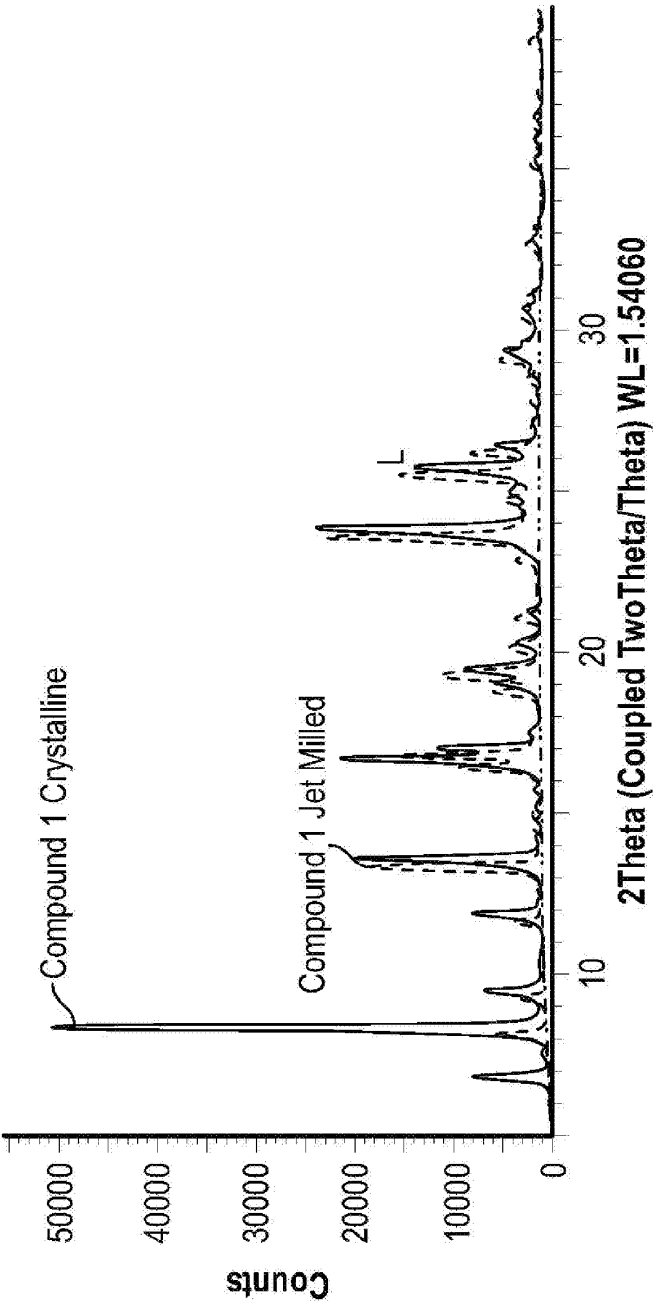


FIG. 15

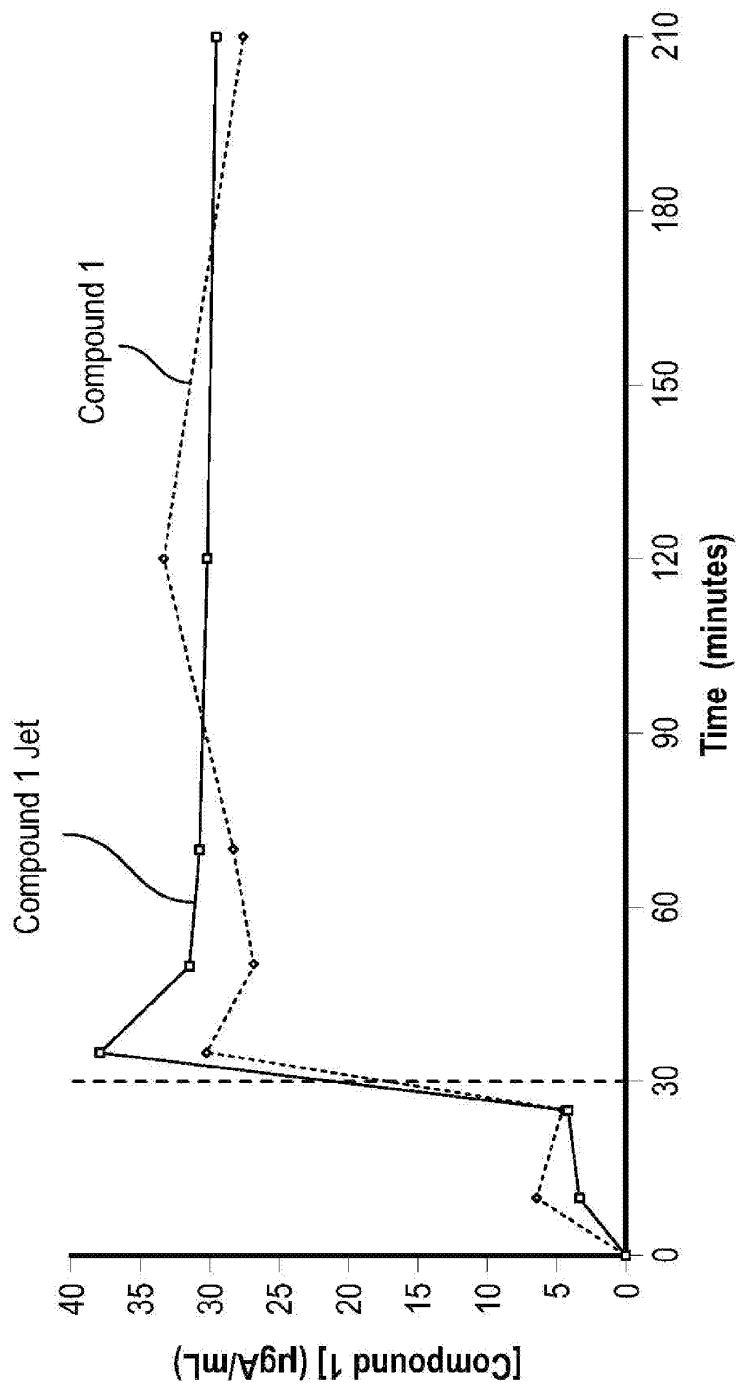


FIG. 16

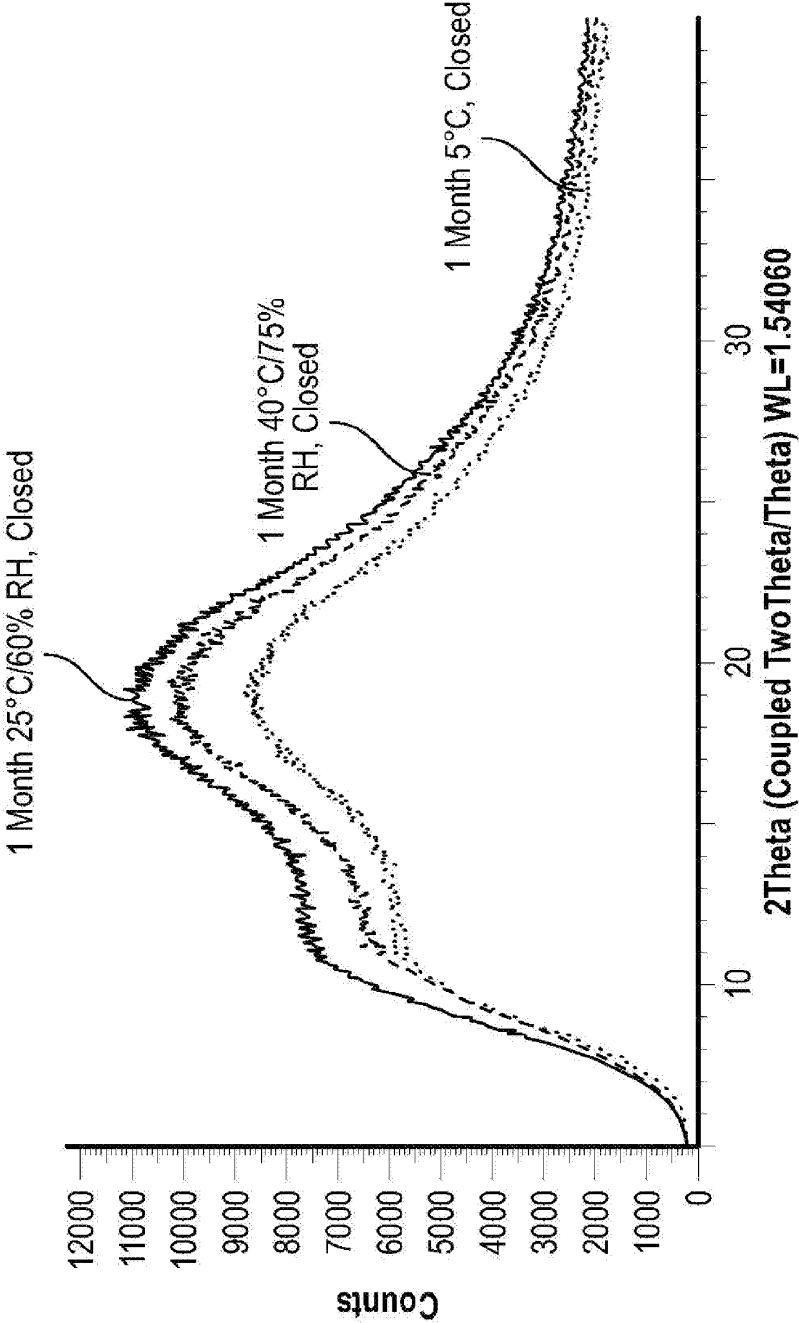


FIG. 17

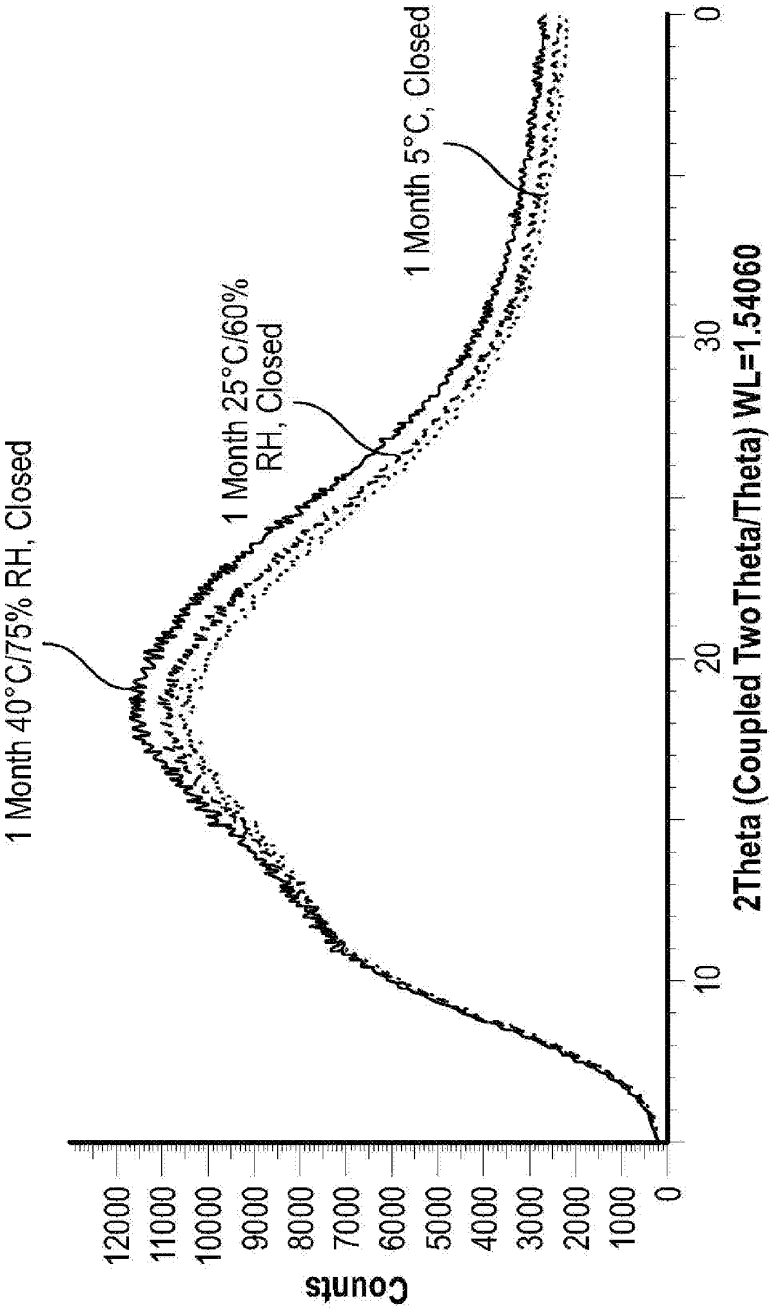


FIG. 18

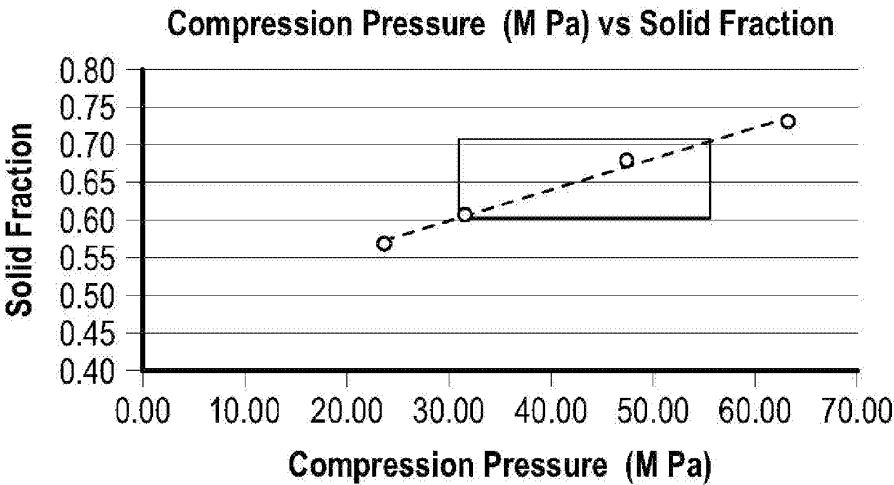


FIG. 19

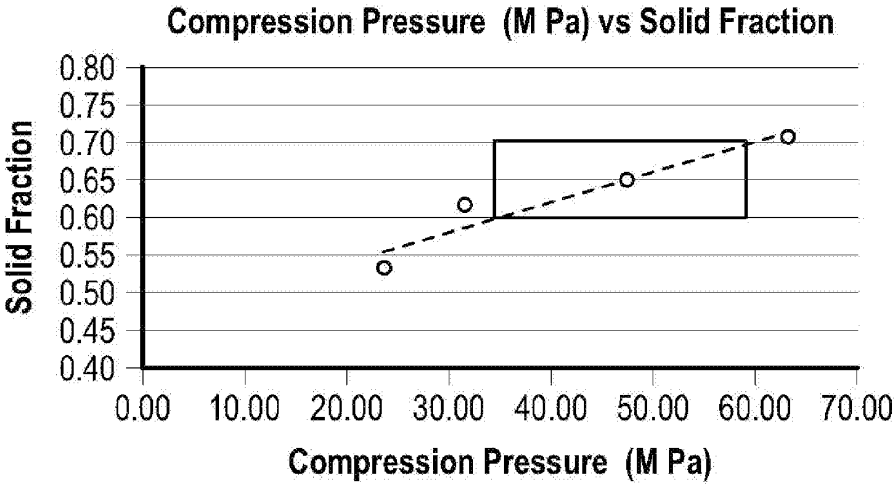


FIG. 20

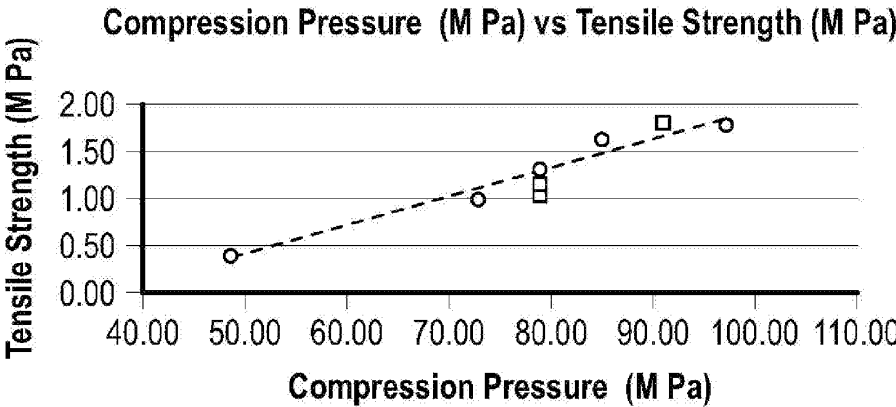


FIG. 21

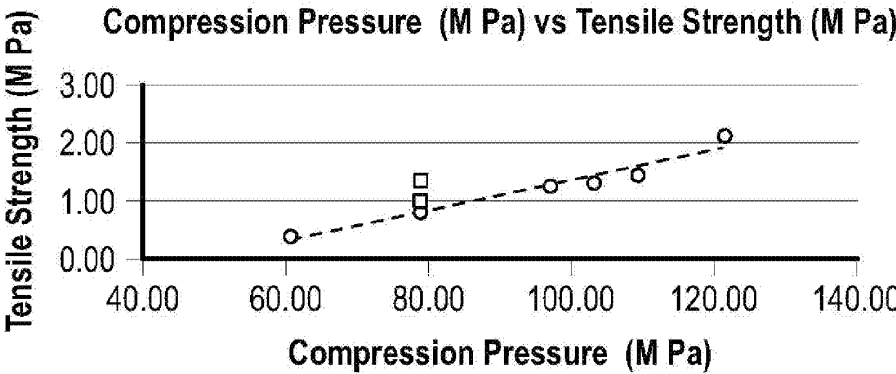
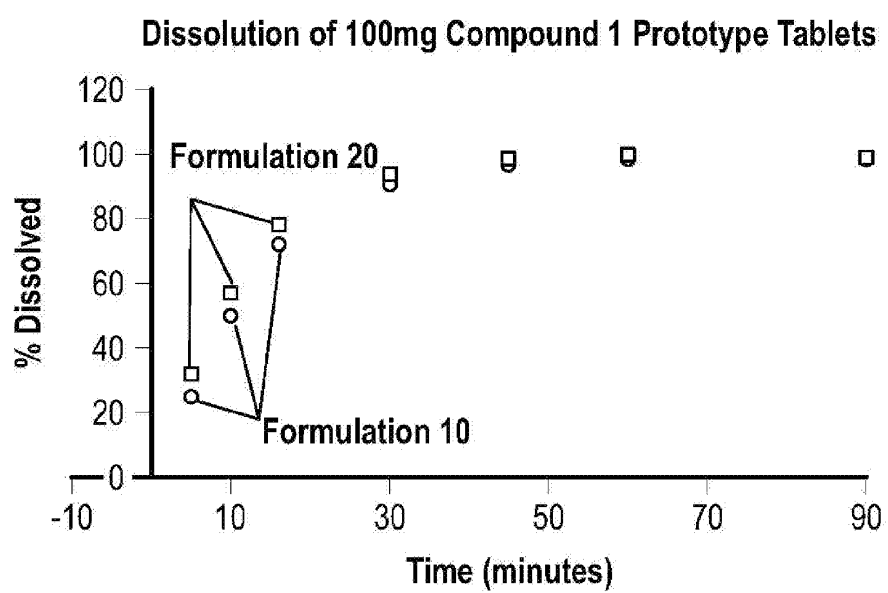


FIG. 22

**FIG. 23**

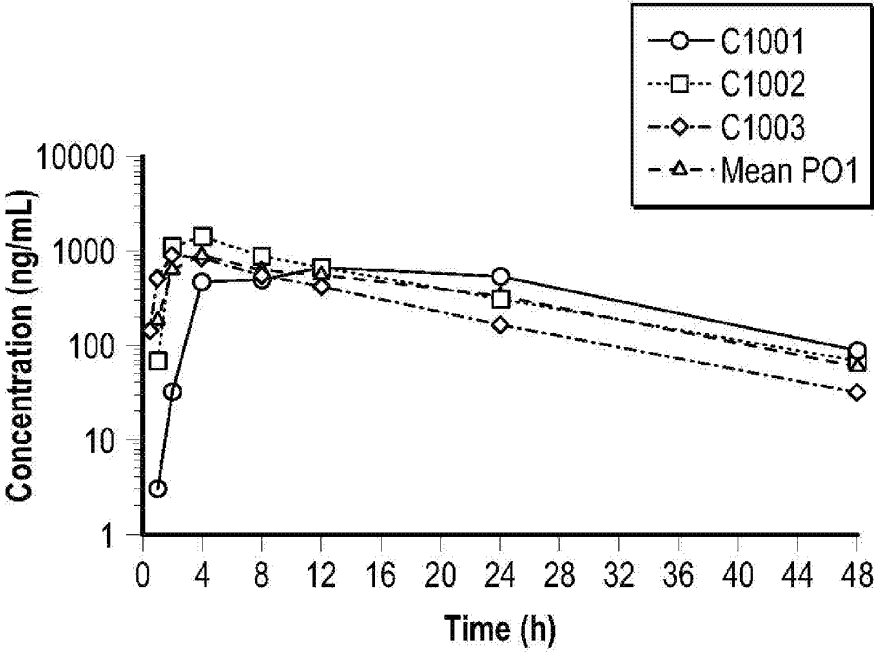


FIG. 24

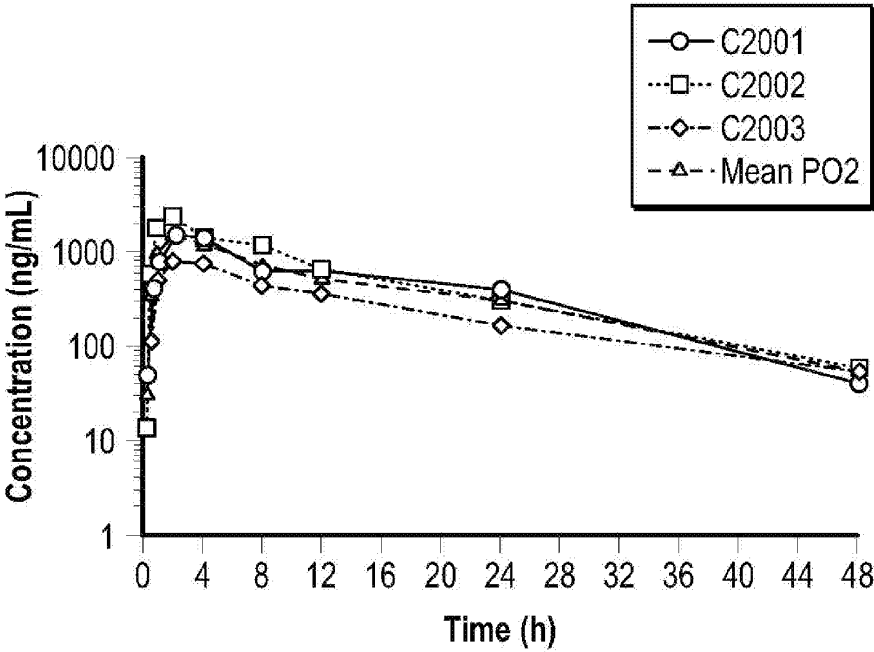


FIG. 25

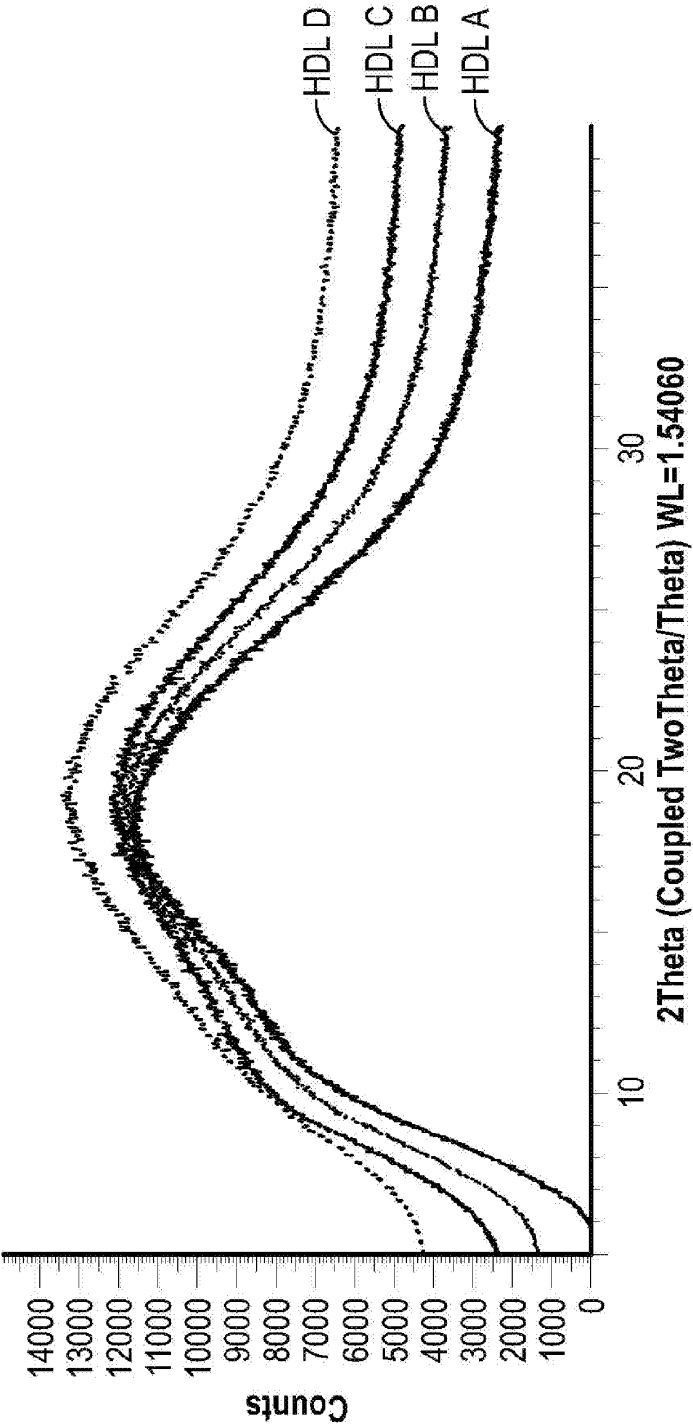


FIG. 26

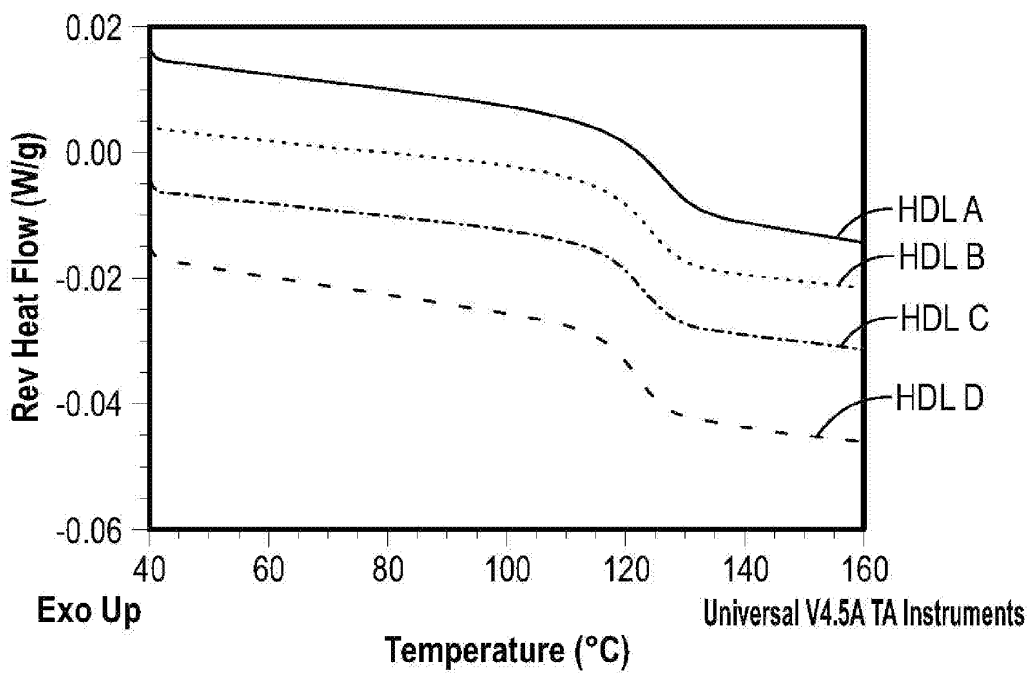


FIG. 27

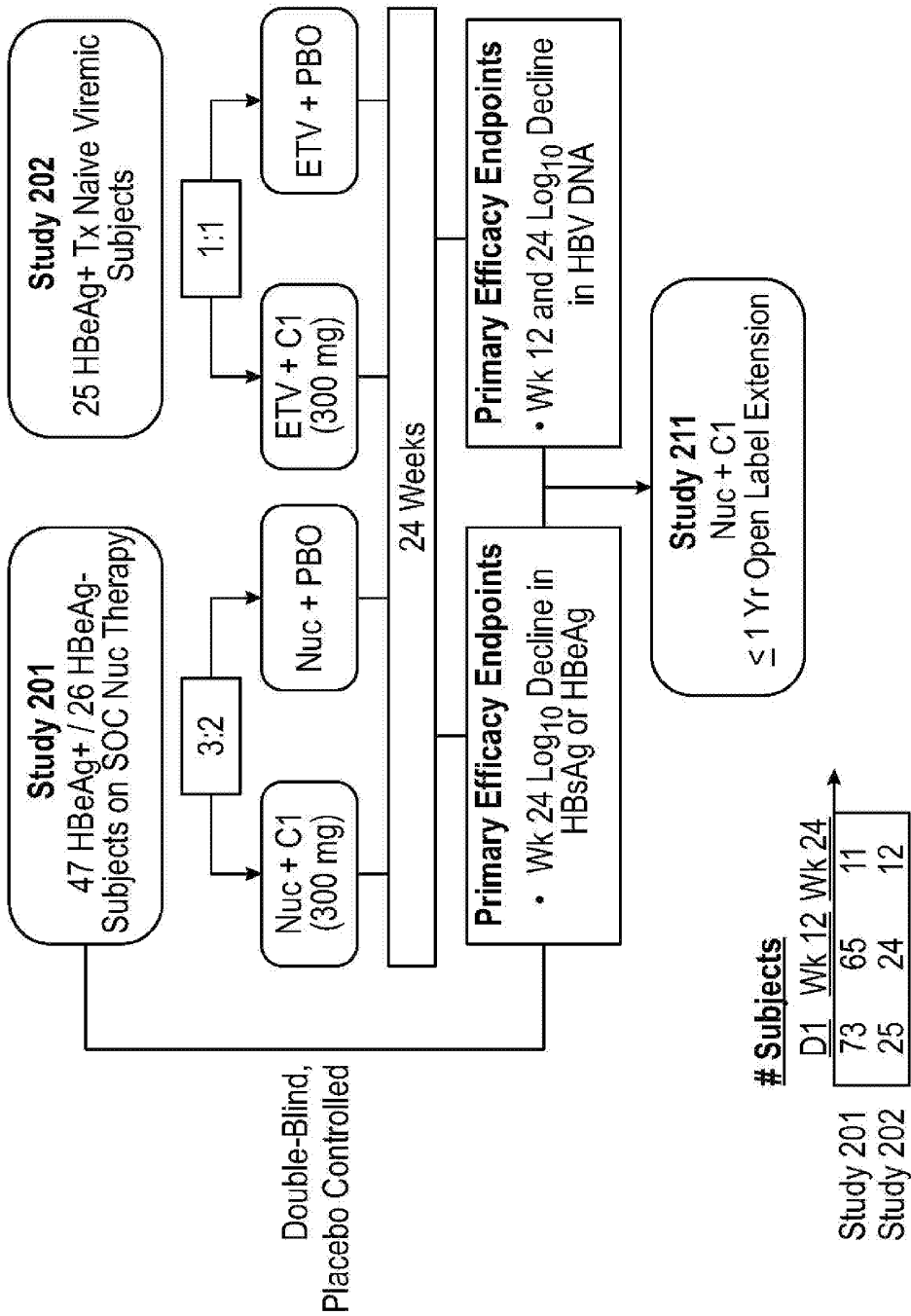


FIG. 28

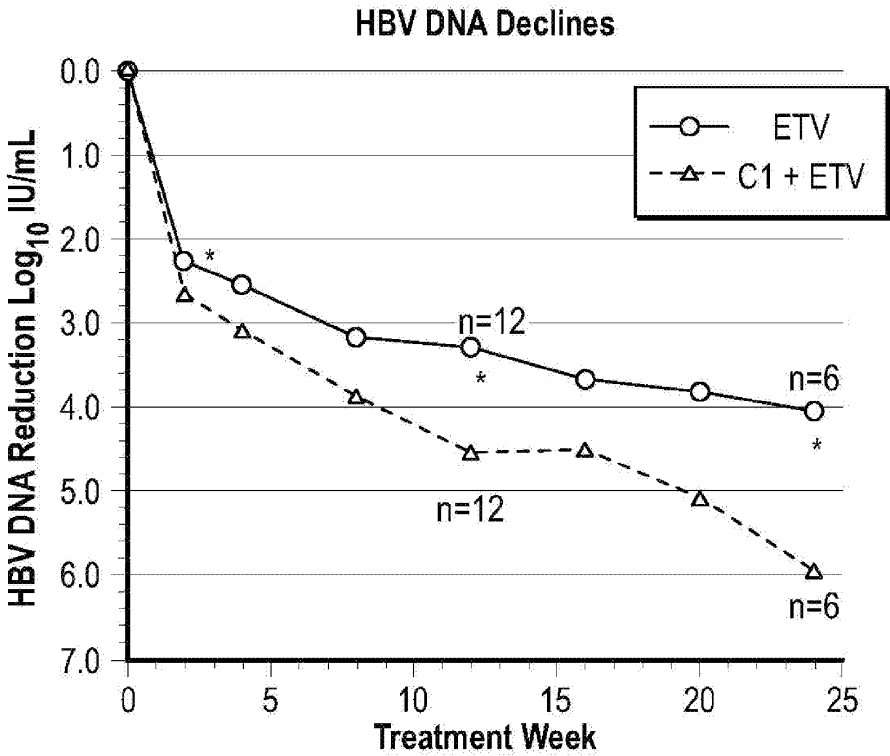


FIG. 29

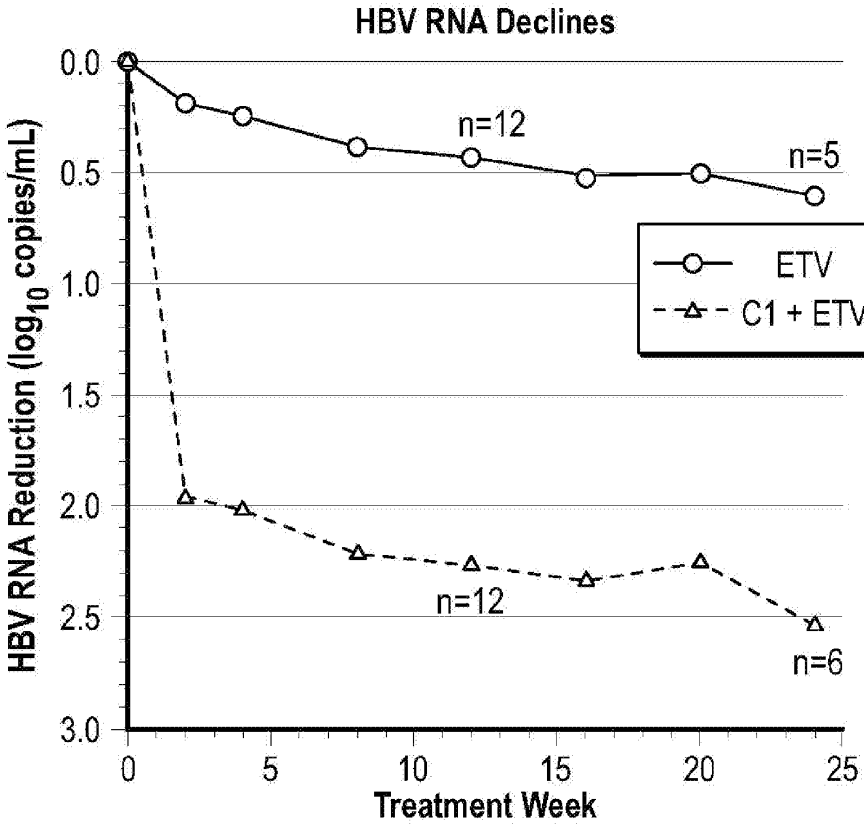


FIG. 30

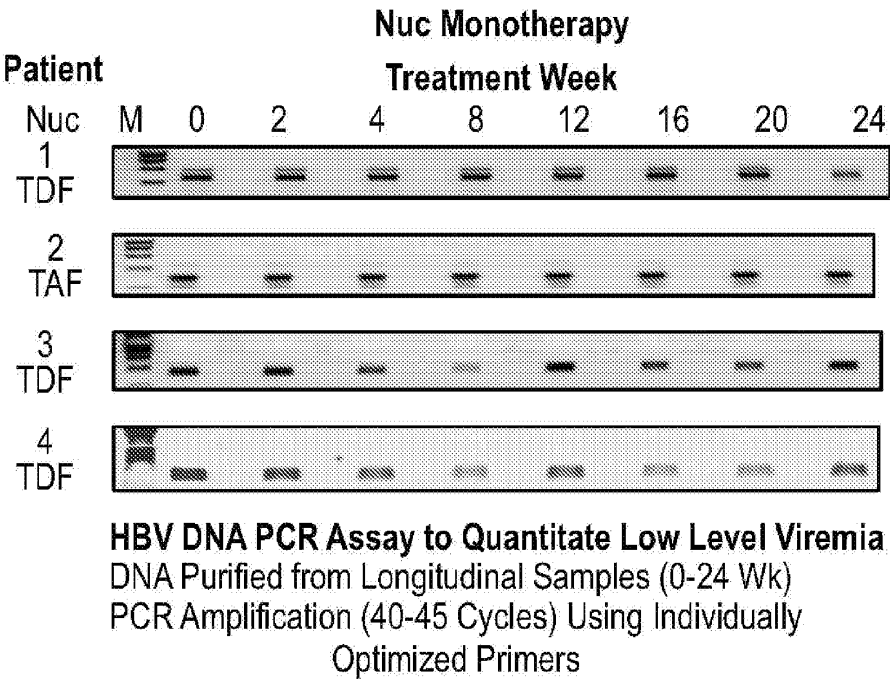


FIG. 31

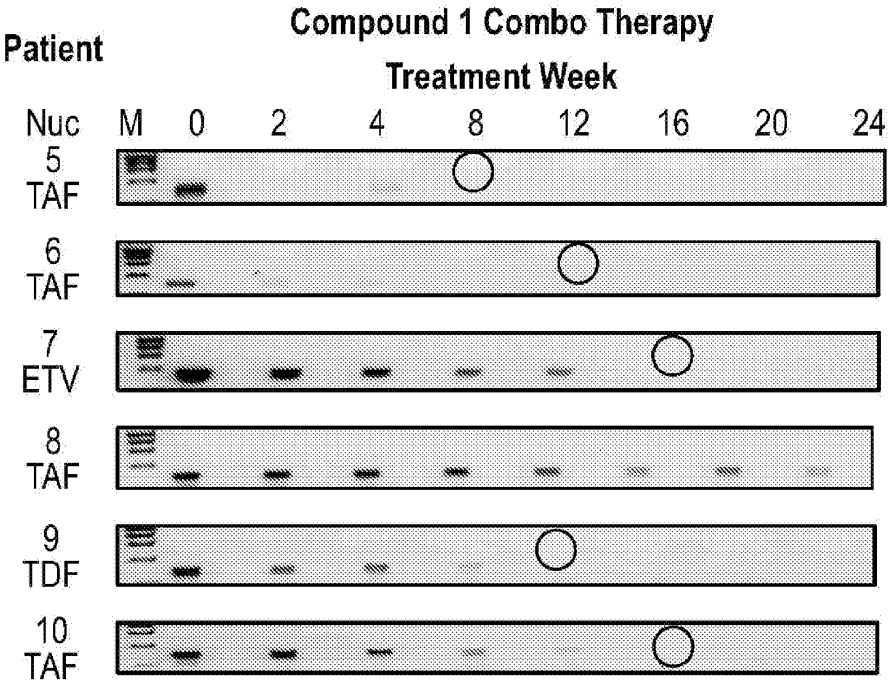
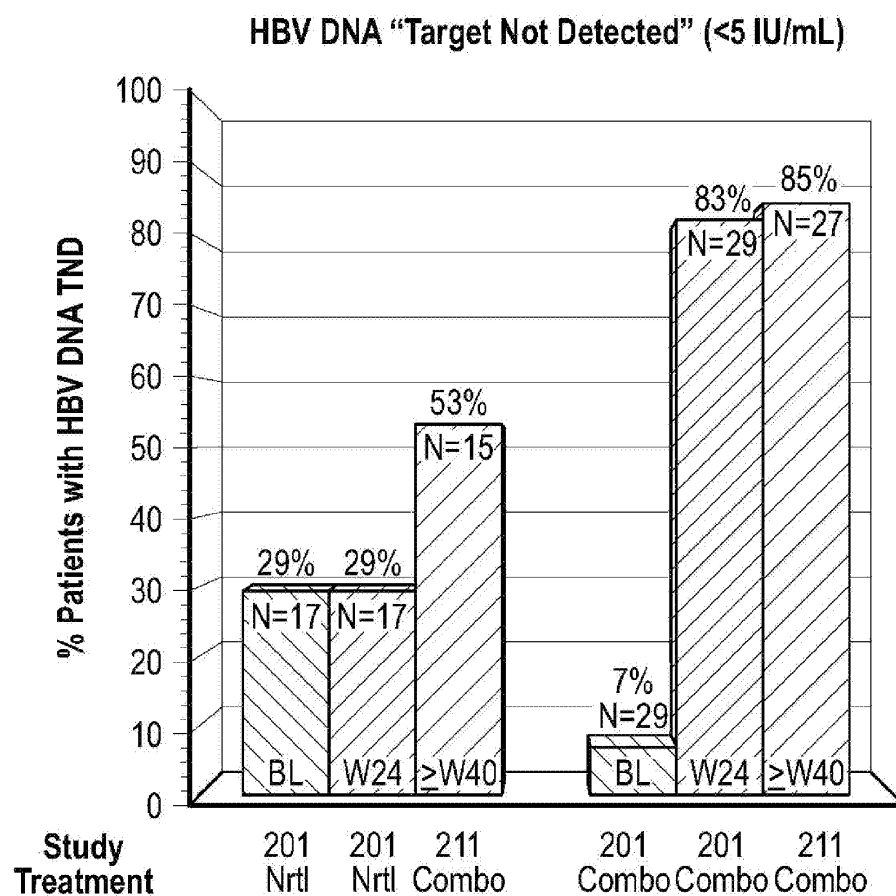
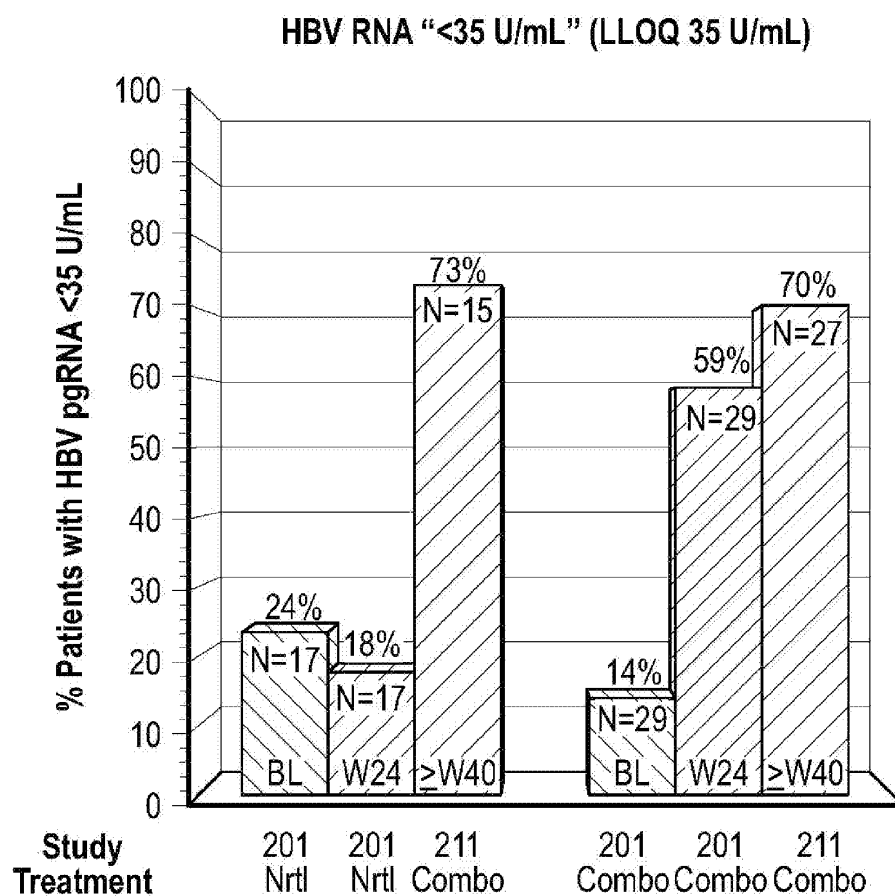


FIG. 32

**FIG. 33**

**FIG. 34A**

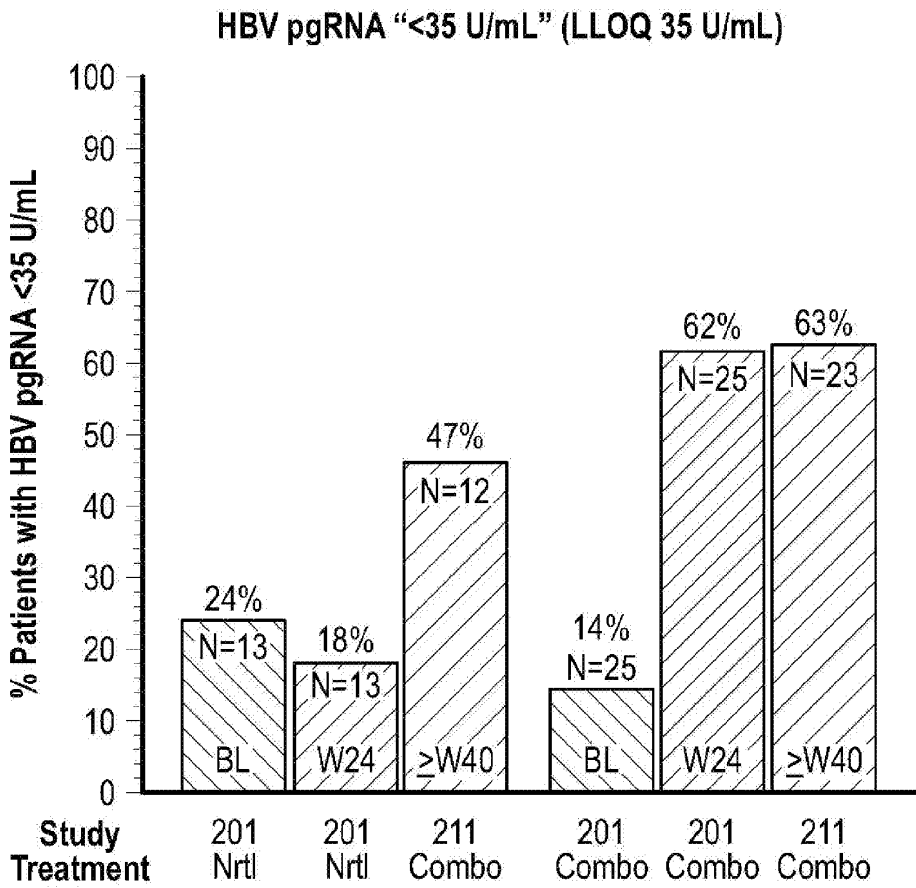


FIG. 34B

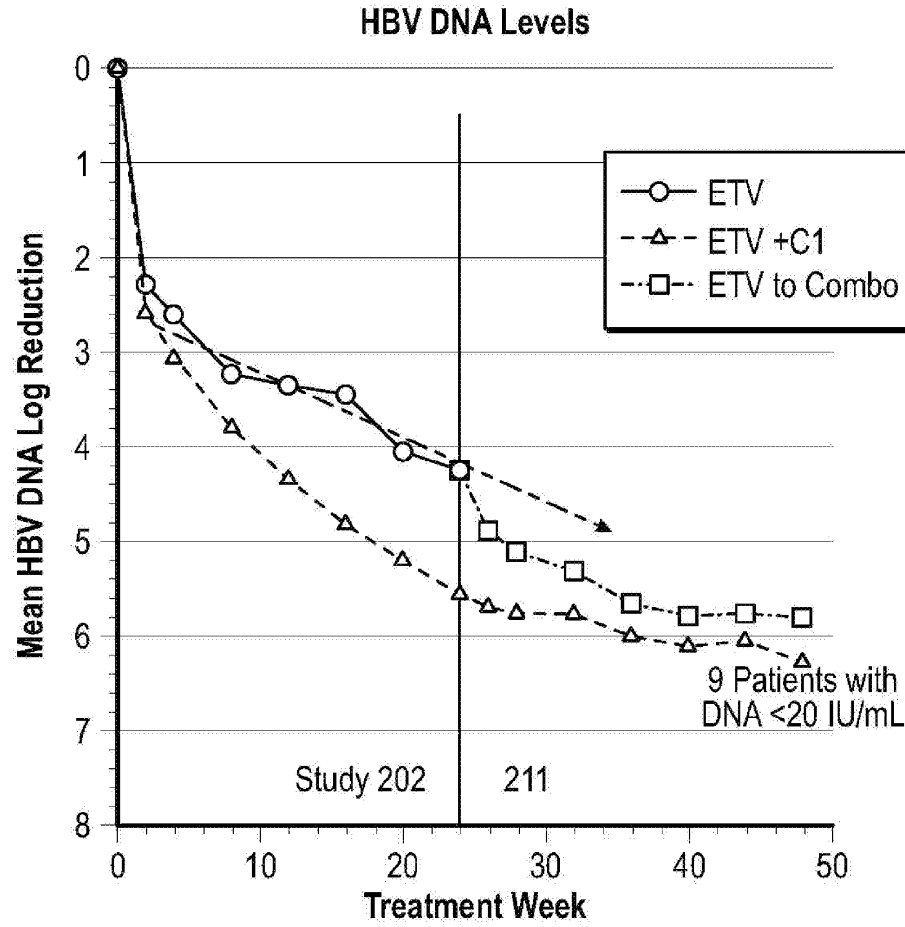
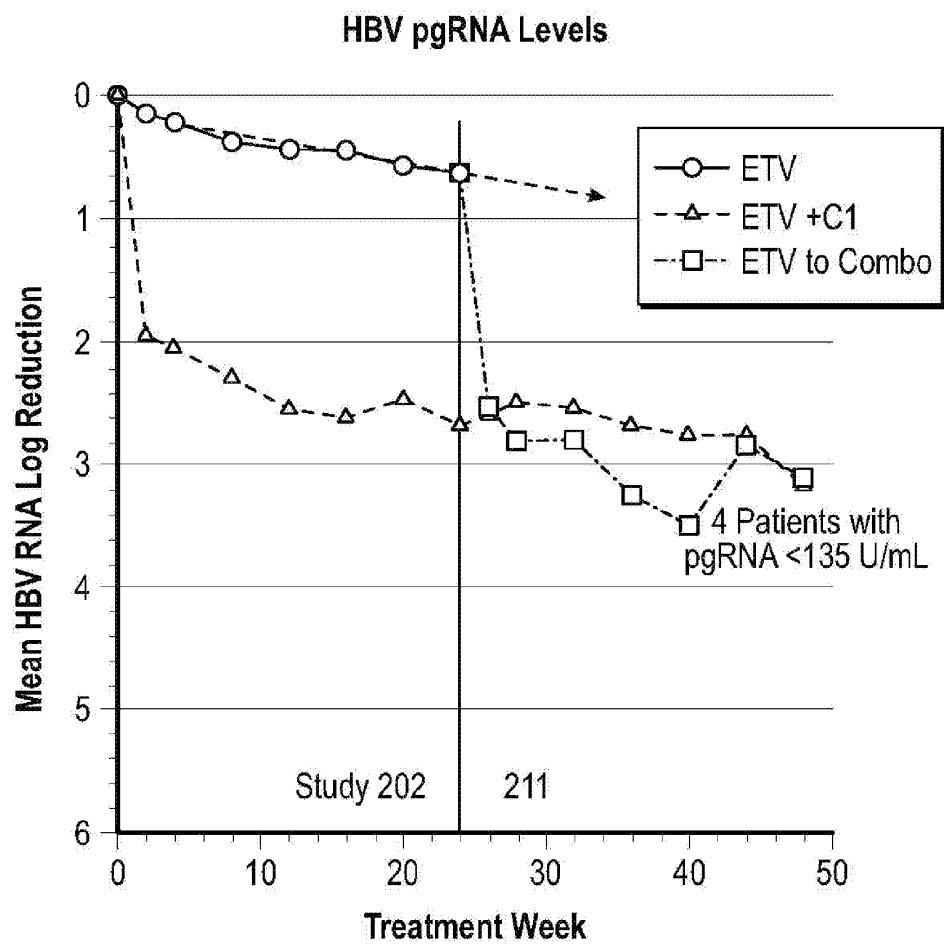


FIG. 35



HBeAg Positive Patients in Study 202-211		
Viral Antigen	Mean Reduction	Individual Patients
HBeAg	≥ 0.6	11/22 (50%) ≥ 0.5 , with 4 ≥ 1.0 log
HBcrAg	≥ 0.8	7/22 (32%) ≥ 1.0 , with 3 ≥ 2.0 logs
HBsAg	≥ 0.4	7/22 (32%) ≥ 0.5 , with 3 ≥ 1.0 log

- Antigen Declines Appear to be Correlated with pgRNA Declines
- Various Levels of Expression of HBsAg from Integrated sequences limits Ability of Core Inhibitors to Serve as Suurogate for cccDNA in Some Patient Populations

FIG. 37

Number Patients	<40U/L ALT	Log ₁₀ Decrease pgRNA	Mean Log Reductions at Last Timepoint (Range)		Mean Max Log Reductions (Range)		Patients Exhibiting >0.5 Log Decline (%)	
			HBeAg	HBcrAg	HBeAg	HBcrAg	HBeAg	HBcrAg
11	10	>3.0	1.03 (0.0-2.5)	1.42 (0.0-3.1)	0.86 (0.0-3.6)	1.09 (0.4-2.3)	1.46 (0.6-3.1)	0.87 (0.0-3.6)
8	8	2.0-3.0	0.34 (0.1-0.7)	0.45 (0.1-1.0)	0.14 (0.0-0.5)	0.36 (0.1-0.8)	0.59 (0.0-1.0)	0.17 (0.0-0.7)
2	2	<2.0	0.15 (0.9-1.8)	0.29 (0.3-0.3)	0.17 (0.0-0.3)	0.15 (0.0-0.4)	0.40 (0.2-0.5)	0.21 (0.2-0.3)
							9 (82)	10 (91)
							2 (25)	6 (75)
							0 (0)	0 (0)
								6 (55)
								1 (13)
								0 (0)

FIG. 38

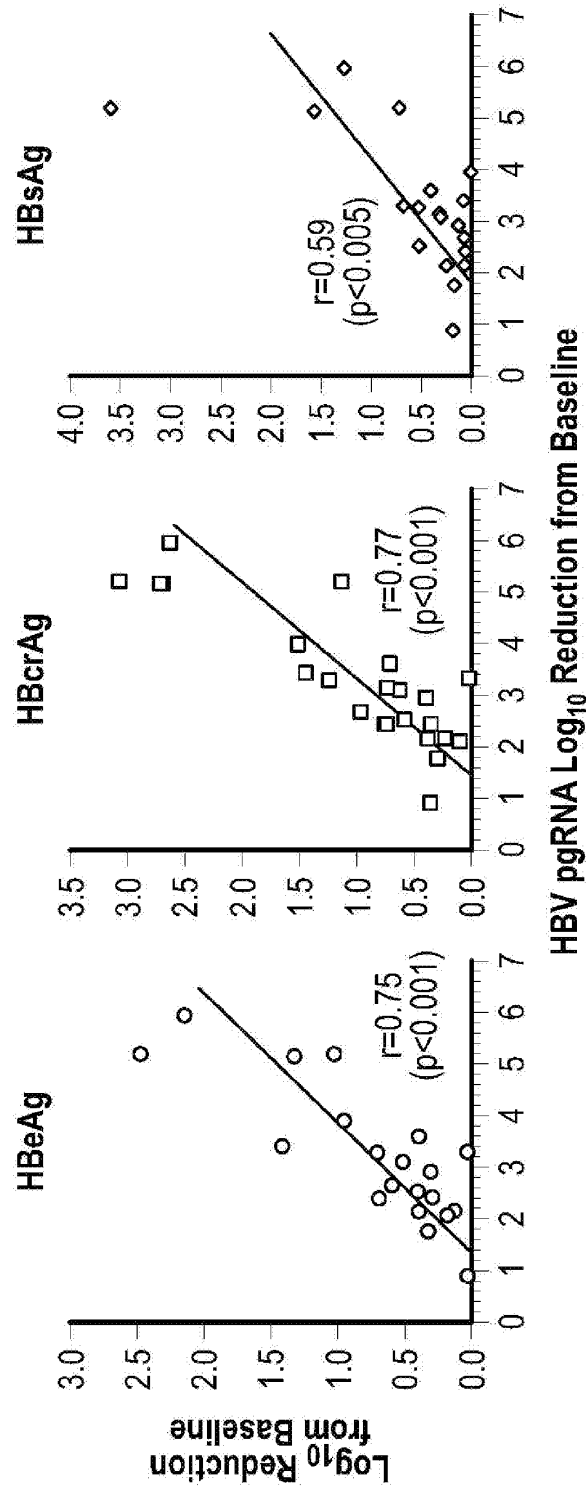


FIG. 38
(Continued)

r is Spearman's Correlation Between Reduction and pgRNA and HBV Antigen. The Straight Line Fit is Calculated by Choosing the Line that Minimizes the Least Square Sum of the Vertical Distance d, of All the Selected Markers Pictured by Using the Following Equation: $y=a+bx$, Where " a " is the Intercept and " b " is the Slope

Parameter	Patient, n(%)
Combination Treatment >40 Weeks	27 (100)
ALT $\leq$ 40 U/L	25 (93)
DNA TND (<5 IU/mL)	23 (85)
pgRNA <35 U/mL	19 (70)
DNA TND + pgRNA <35 U/mL	18 (67)
HBeAg <1 IU/mL and/or Experienced a >0.5 log Decline	14 (52)
HBcrAg <100 kU/mL and/or Experienced a >0.5 Log Drop	9 (33)
HBsAg Experienced a >0.5 Log Drop	1 (4)
DNA TND + pgRNA <35U/mL + HBeAg <1 IU/mL or $\geq$ 0.5 Log Decline	10 (37)

FIG. 39

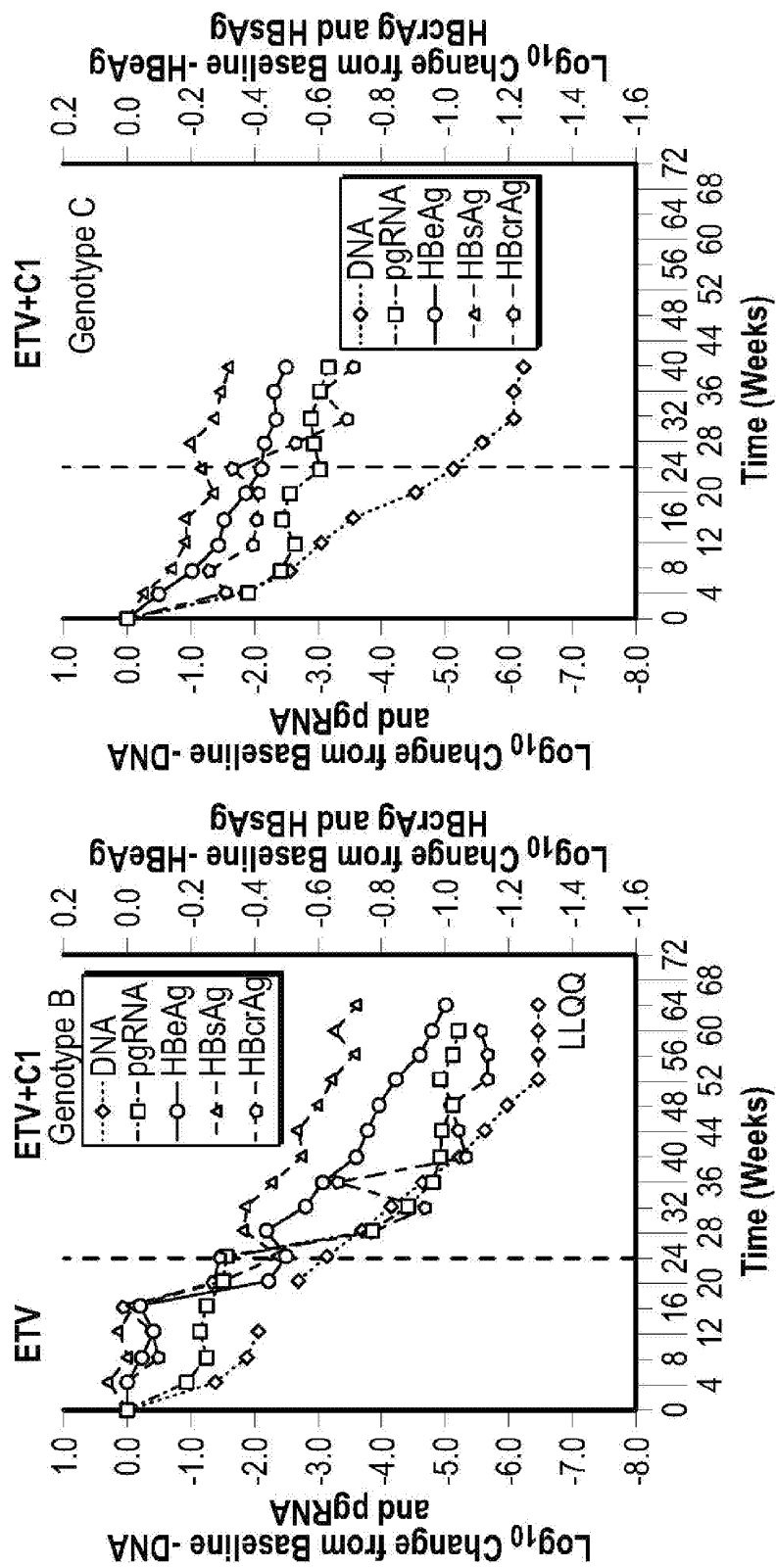


FIG. 40

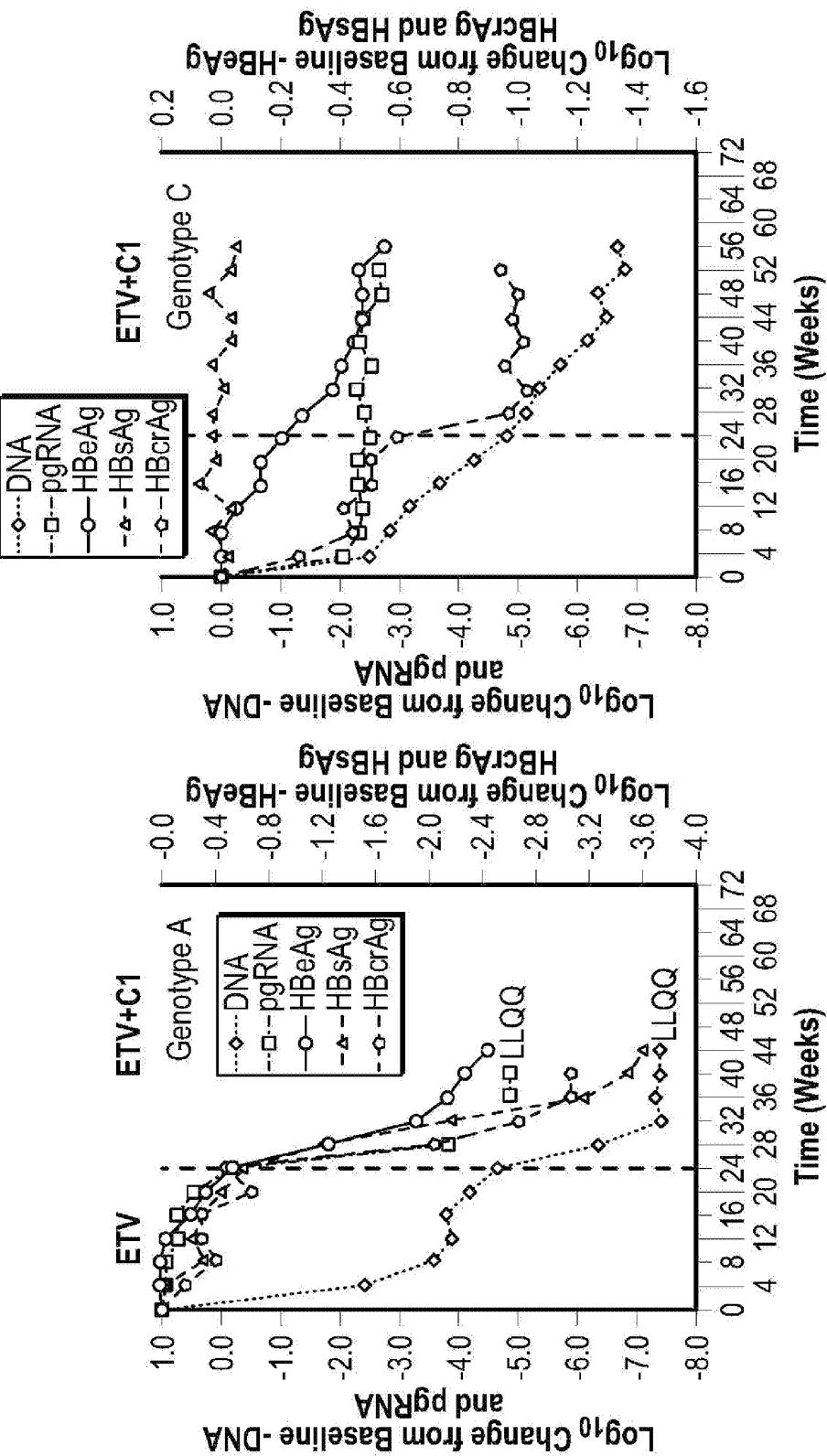


FIG. 40
(Continued)

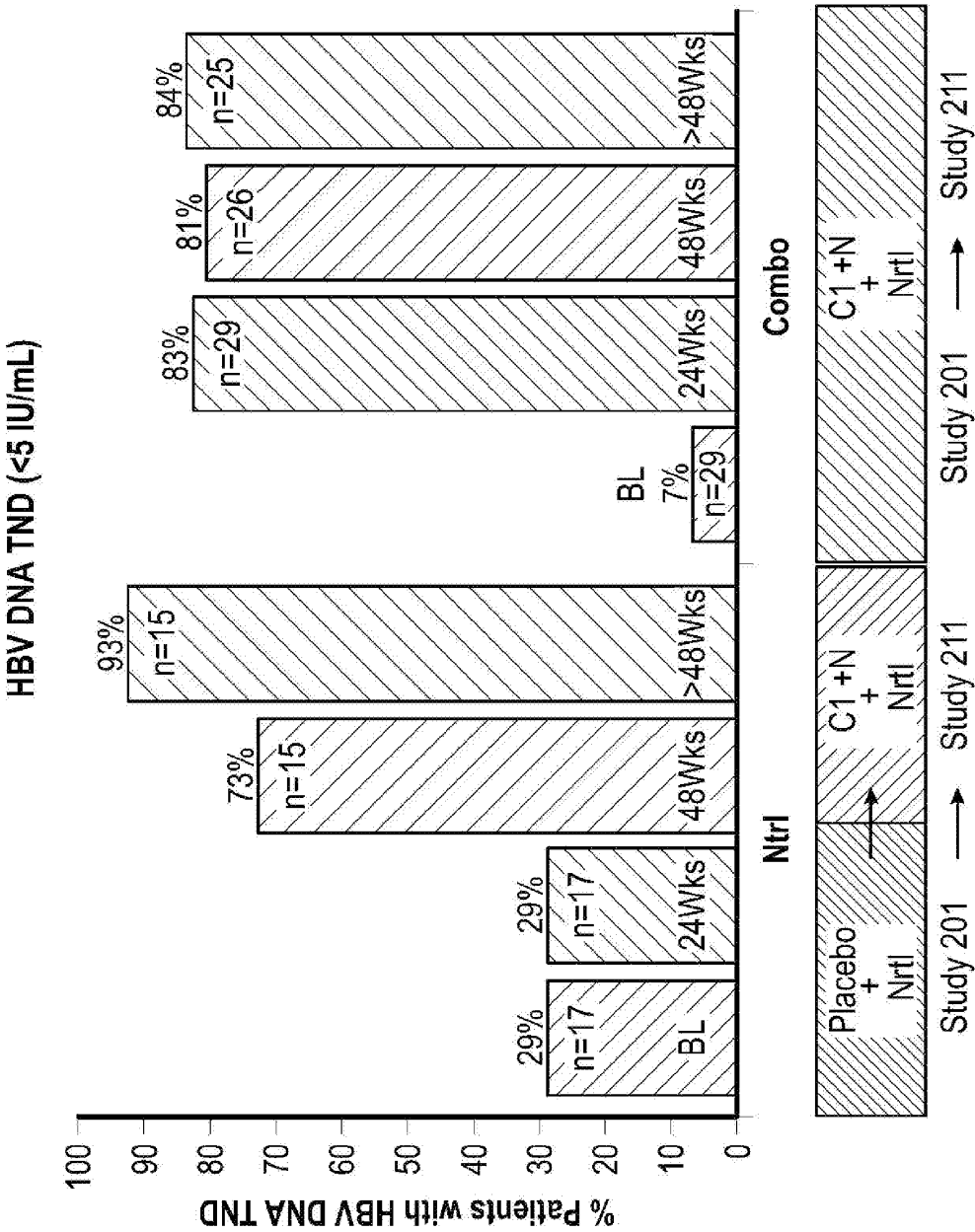
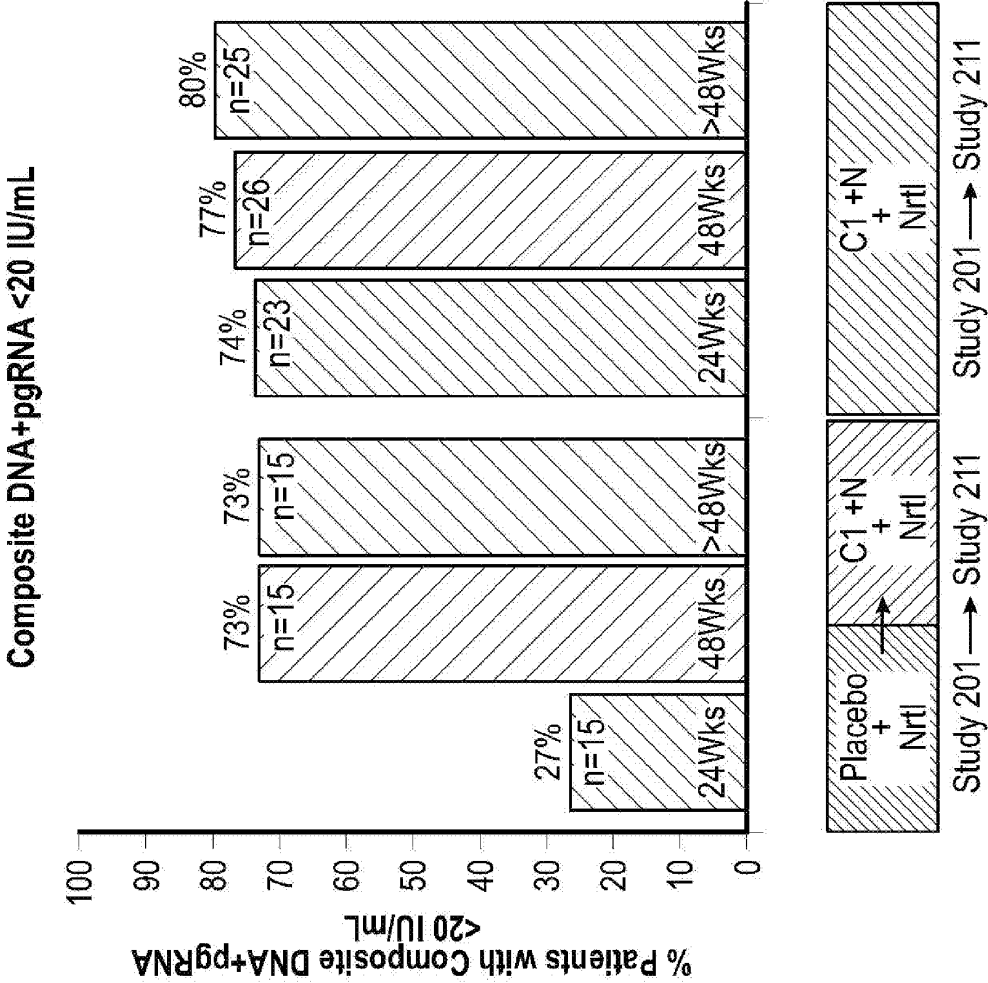


FIG. 41



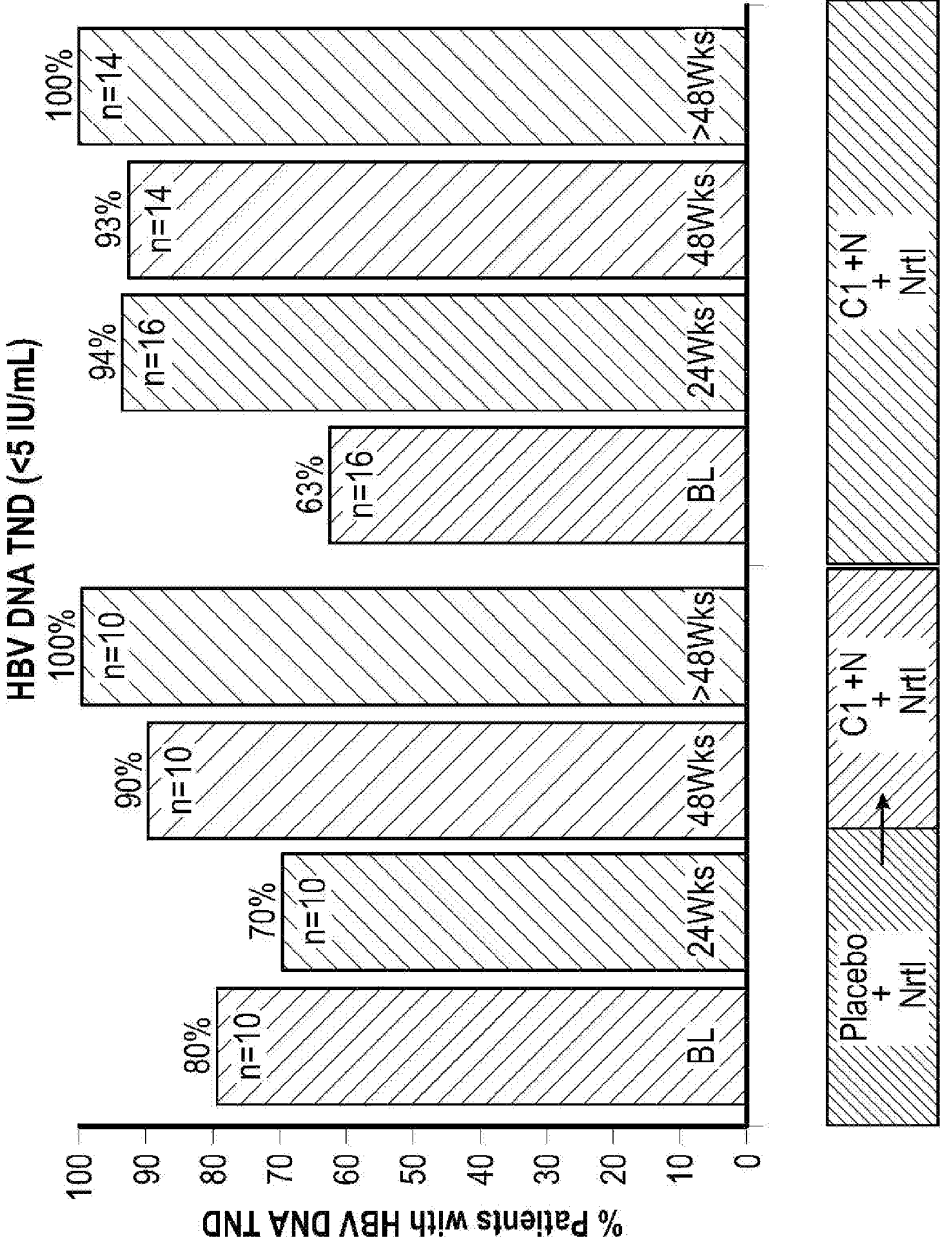


FIG. 43

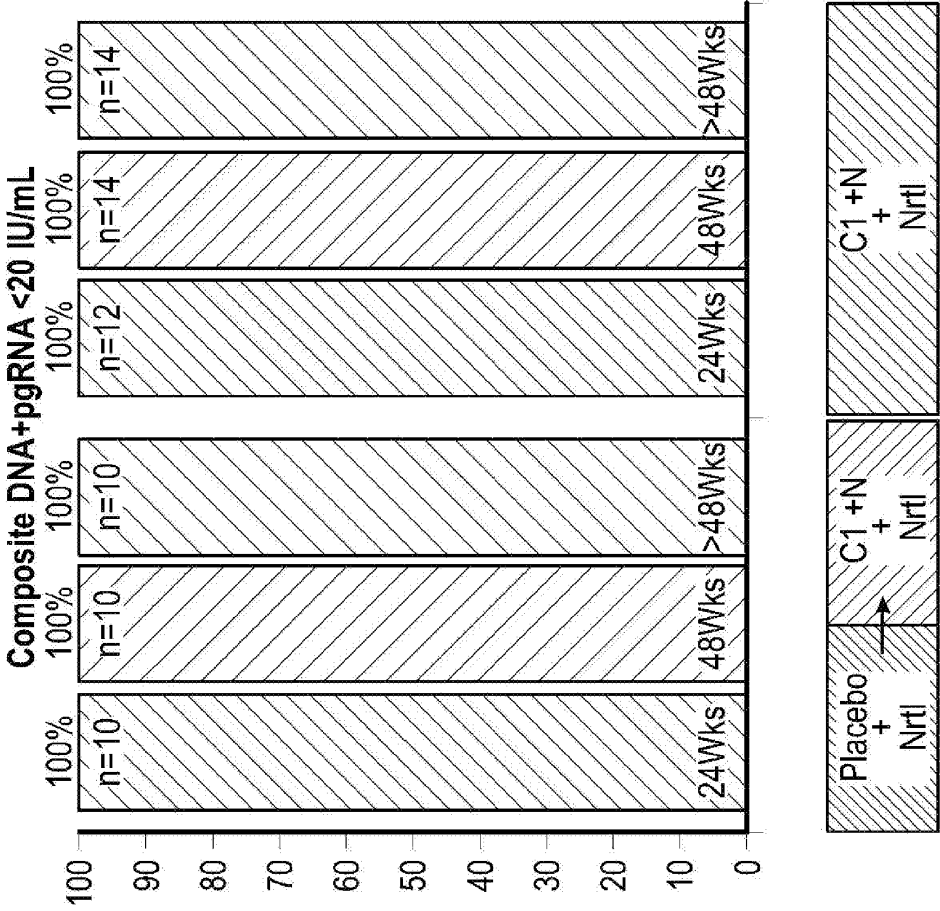


FIG. 44