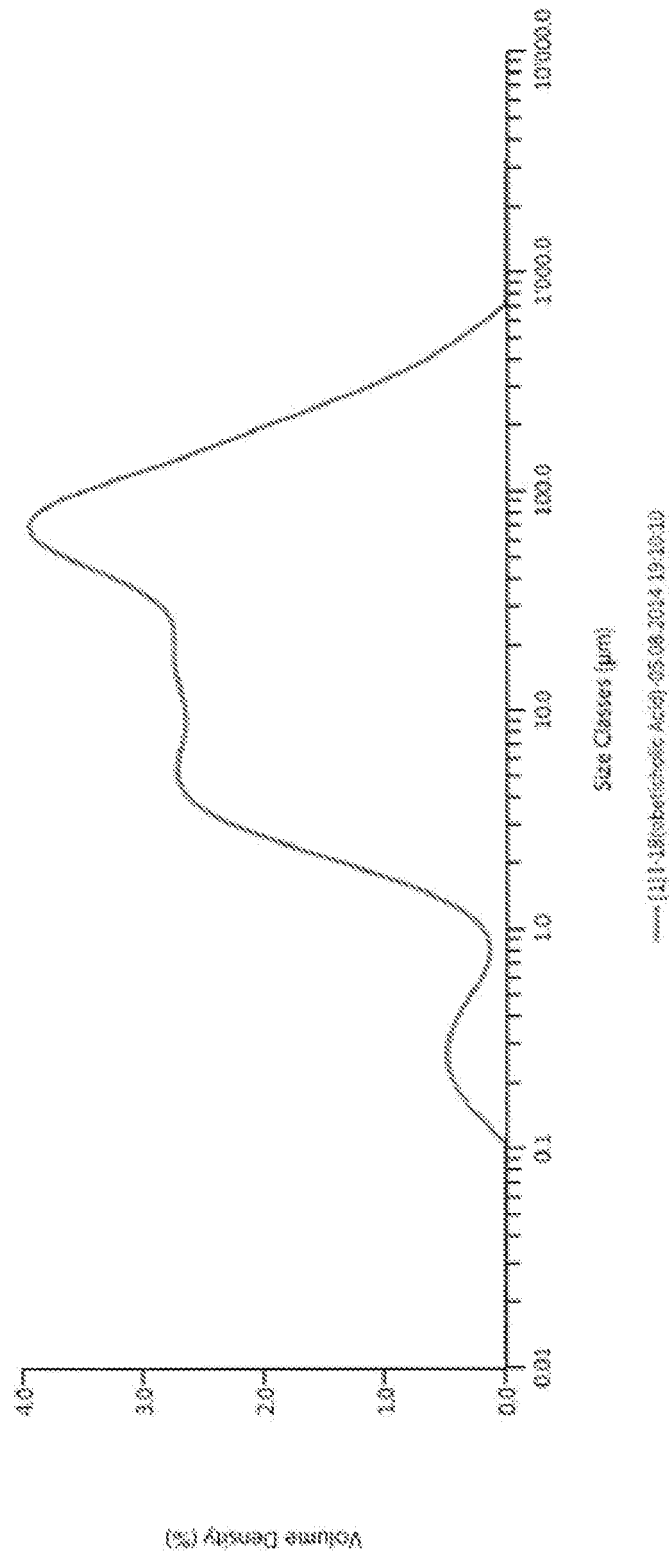
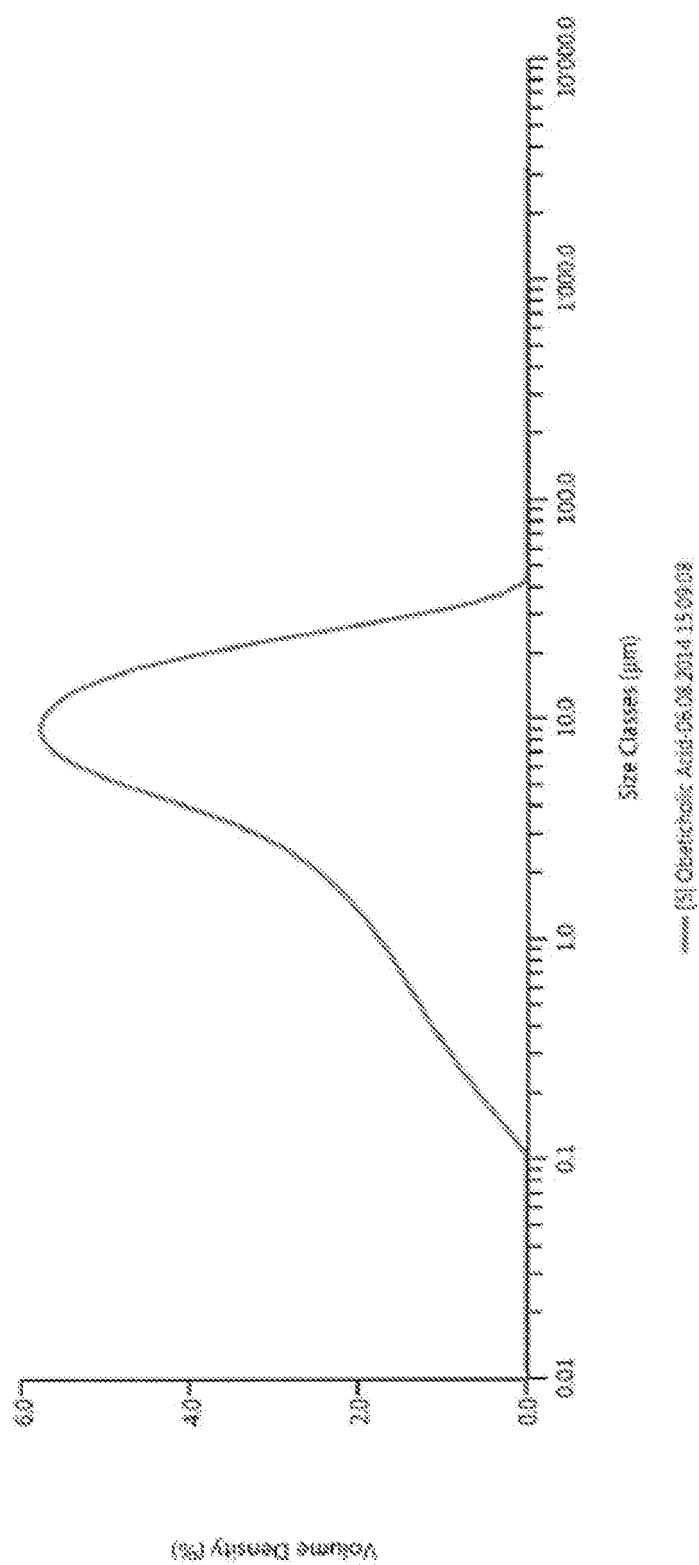
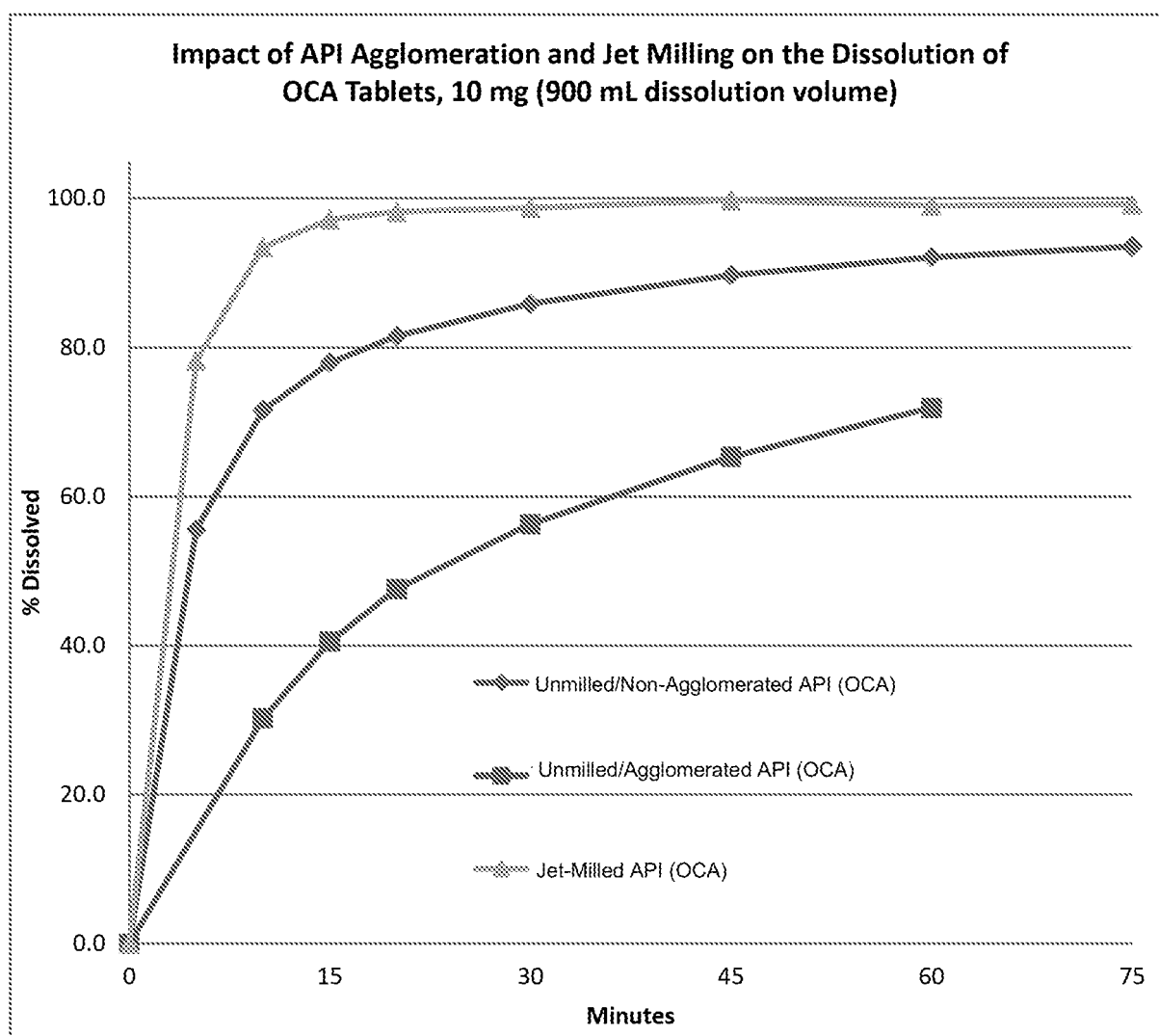
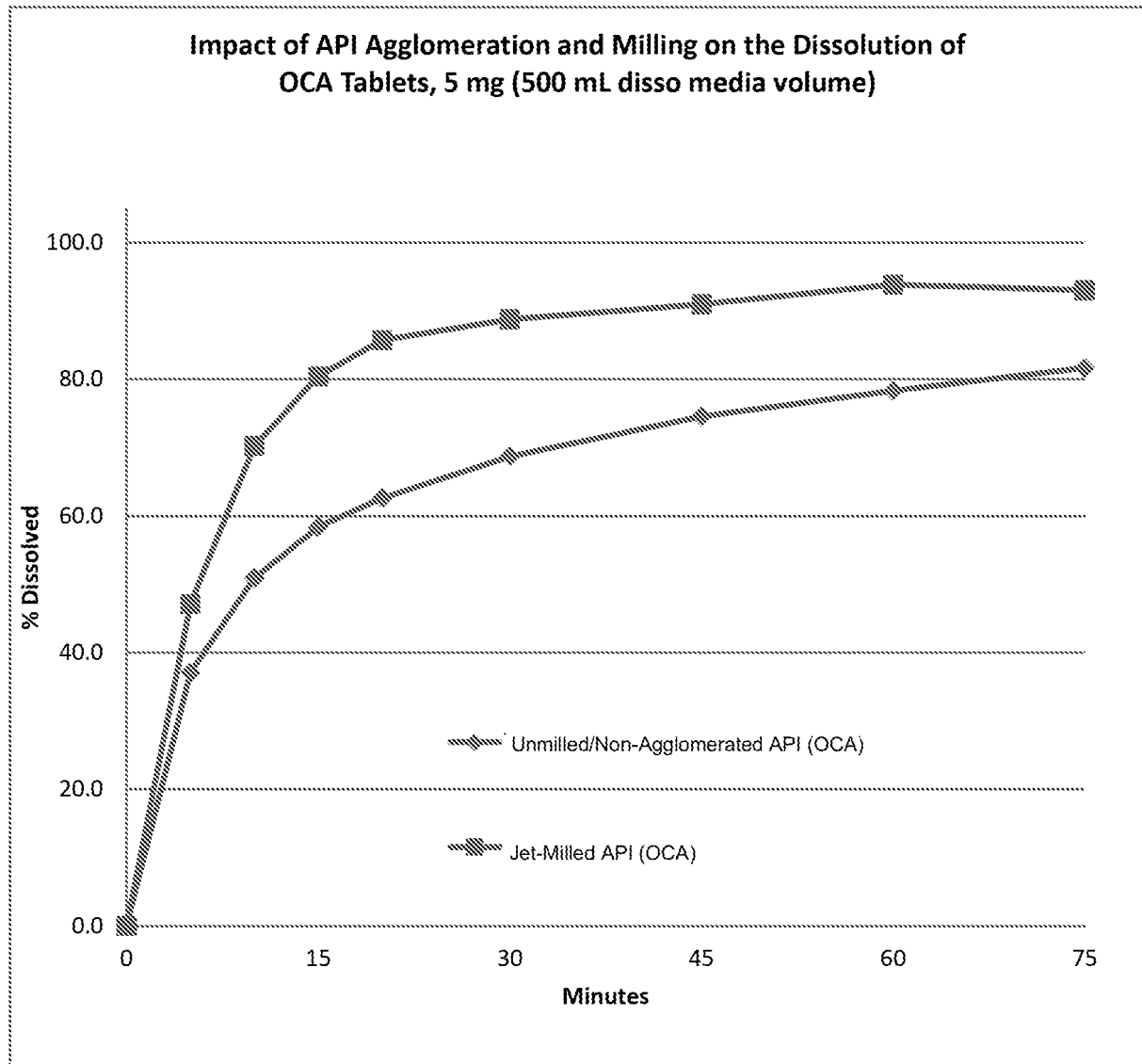


**FIG. 1**

**FIG. 2**

**FIG. 3**

**FIG. 4**

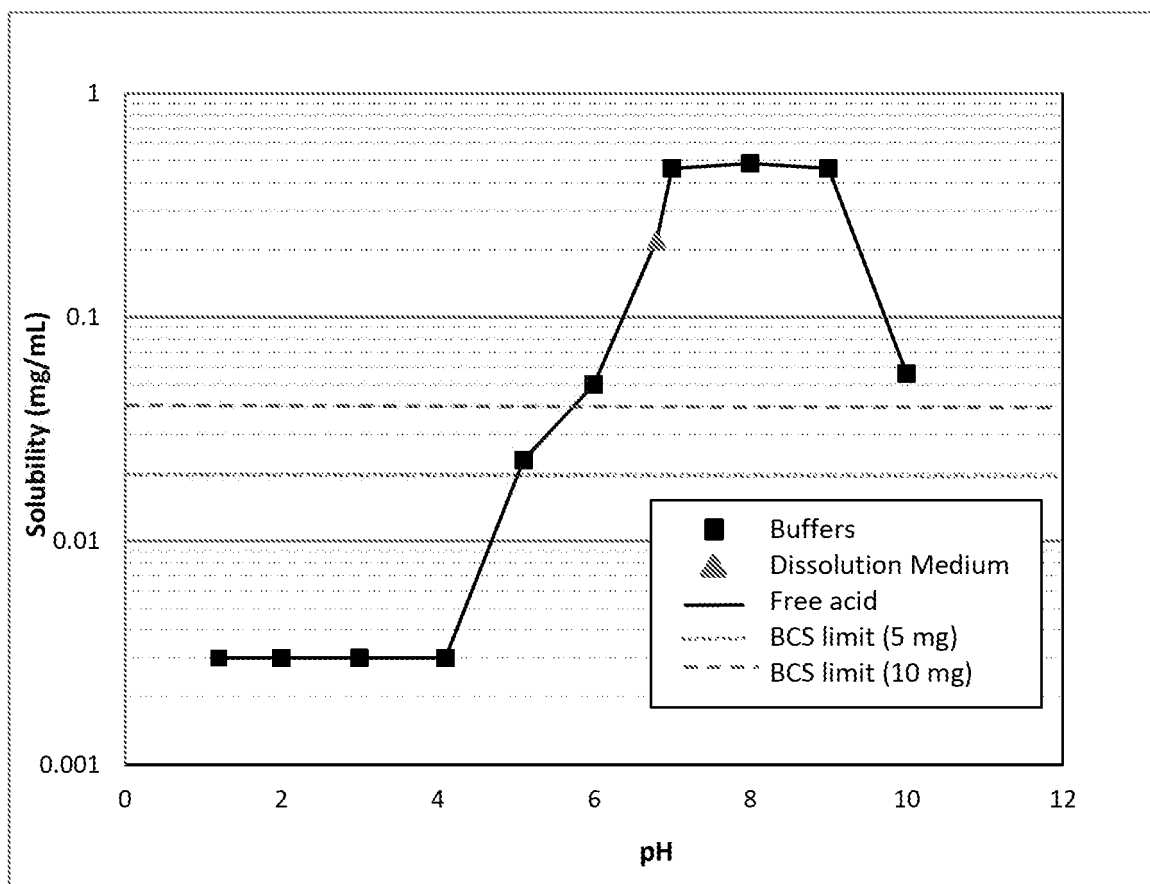


FIG. 5

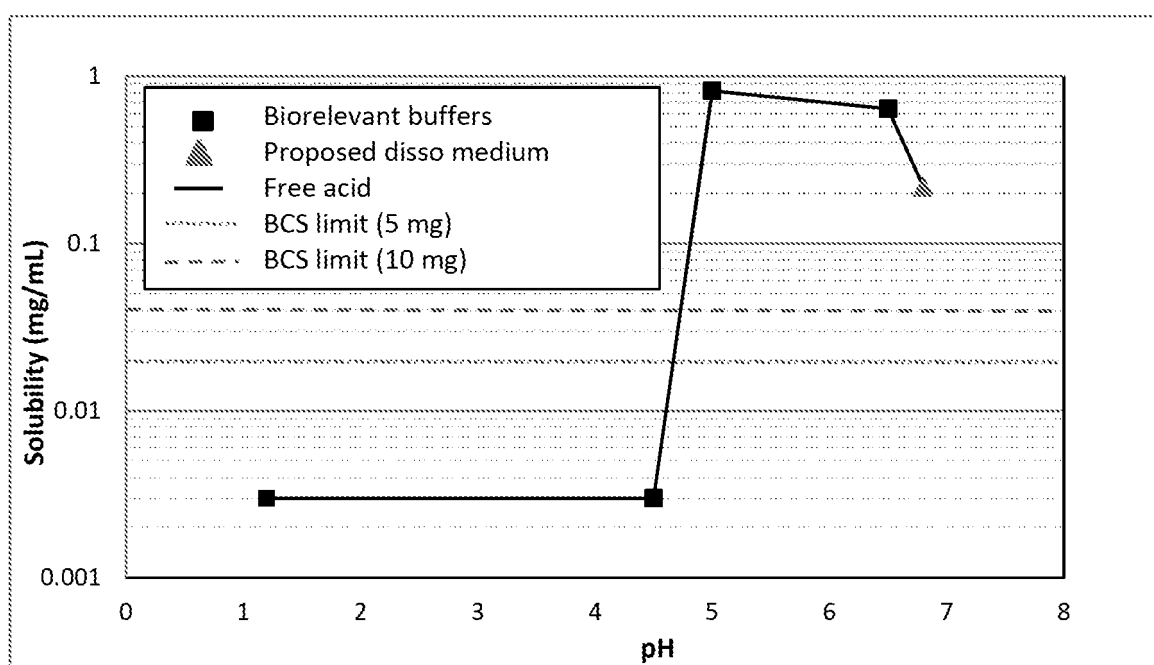


FIG. 6



NL: 4.58E7
DSP.
1747_60C_4Weeks_po
SI#3020 RT: 29.48
AV: 1 F: FTMS + p ESI
Full ms
[100.00-2000.00]

NL: 1.49E8
DSP.
1747_EI_ester#3020
RT: 29.48 AV: 1 F:
FTMS + p ESI Full ms
[100.00-2000.00]

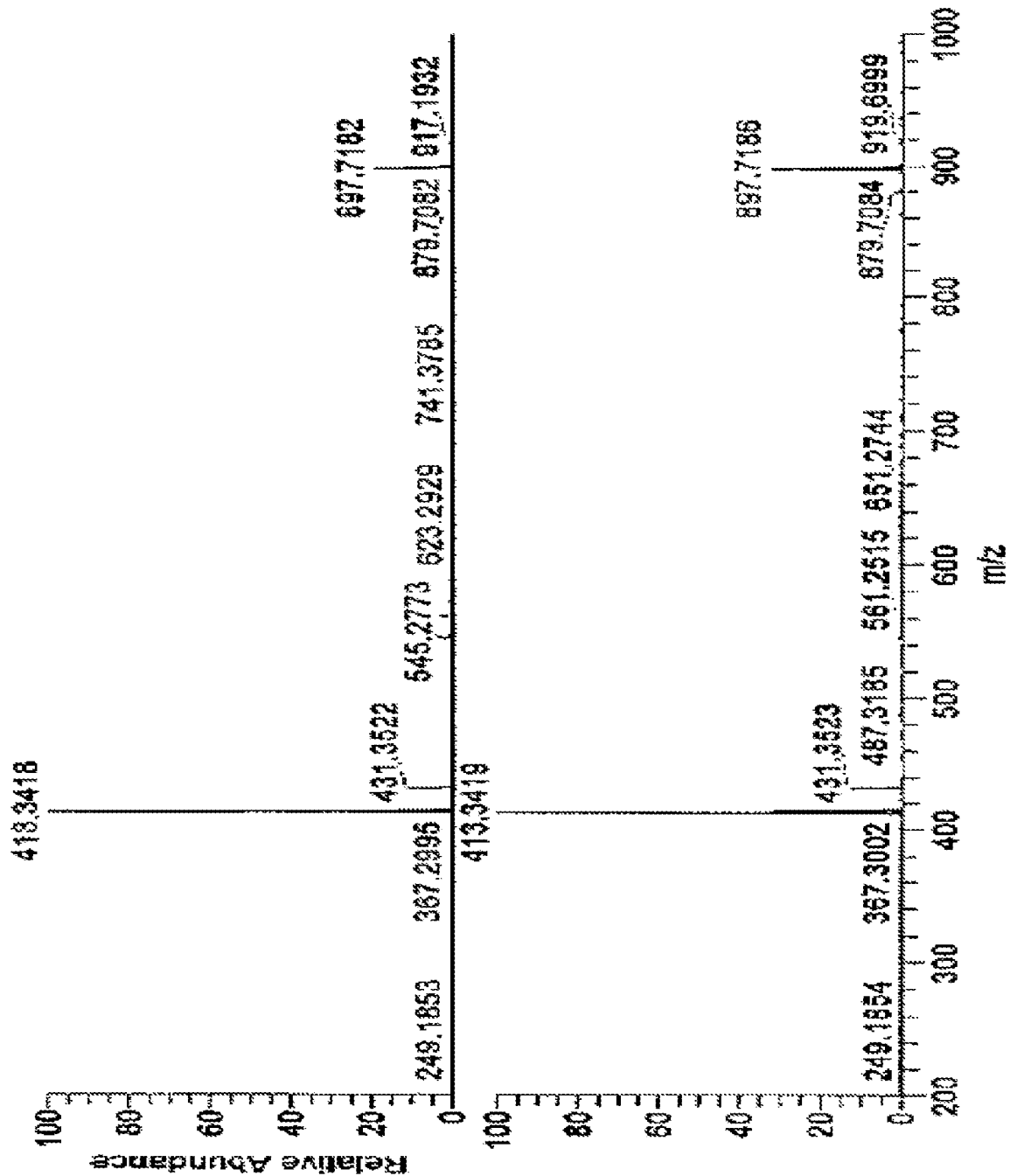
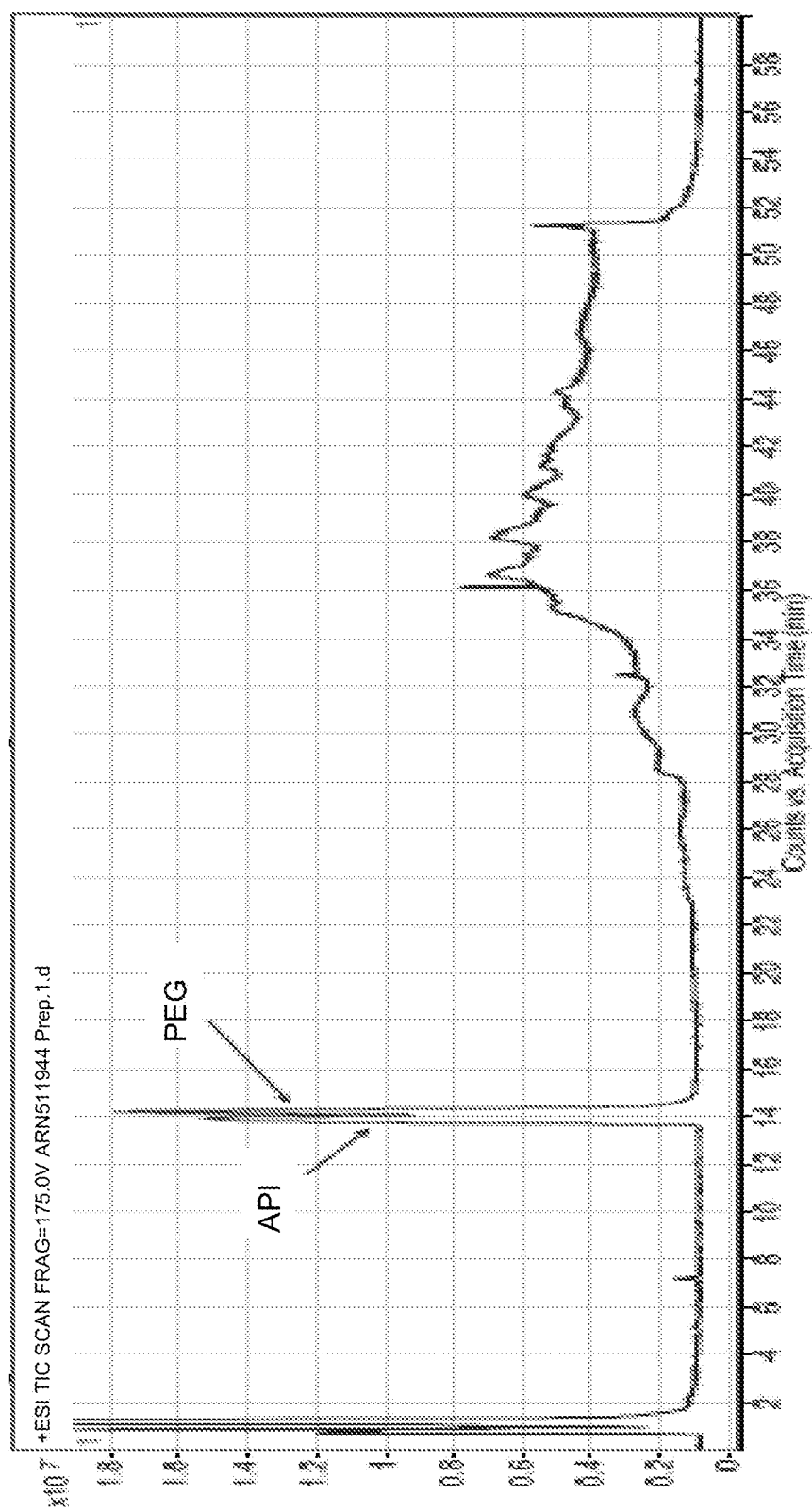


FIG. 7B

**FIG. 8A**

SUBSTITUTE SHEET (RULE 26)

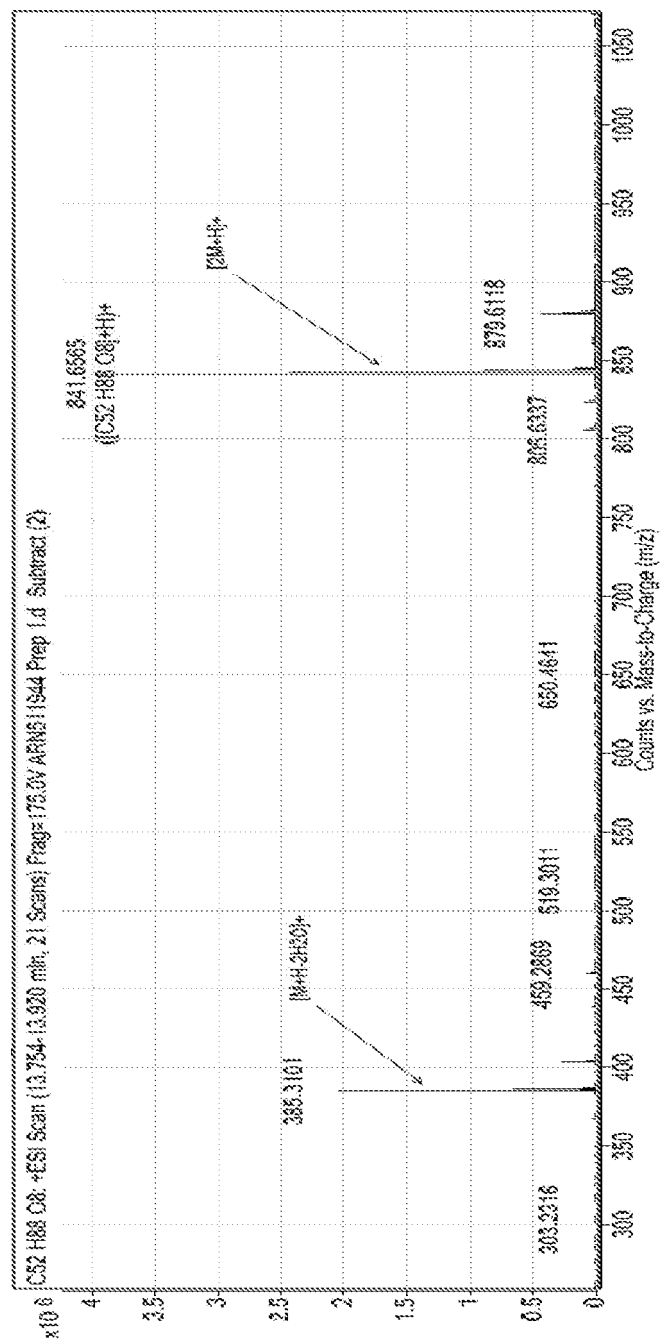


FIG. 8B

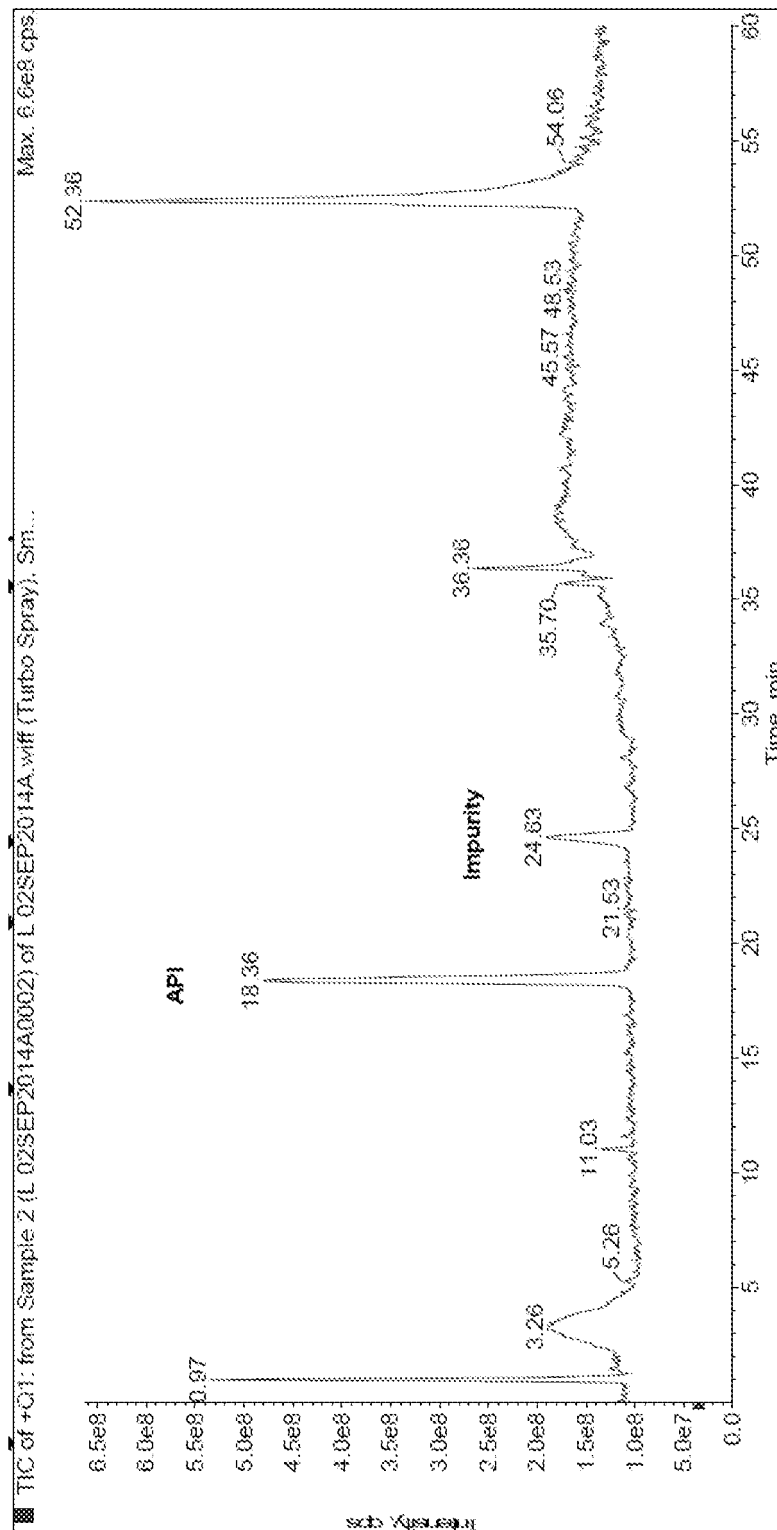


FIG. 8C

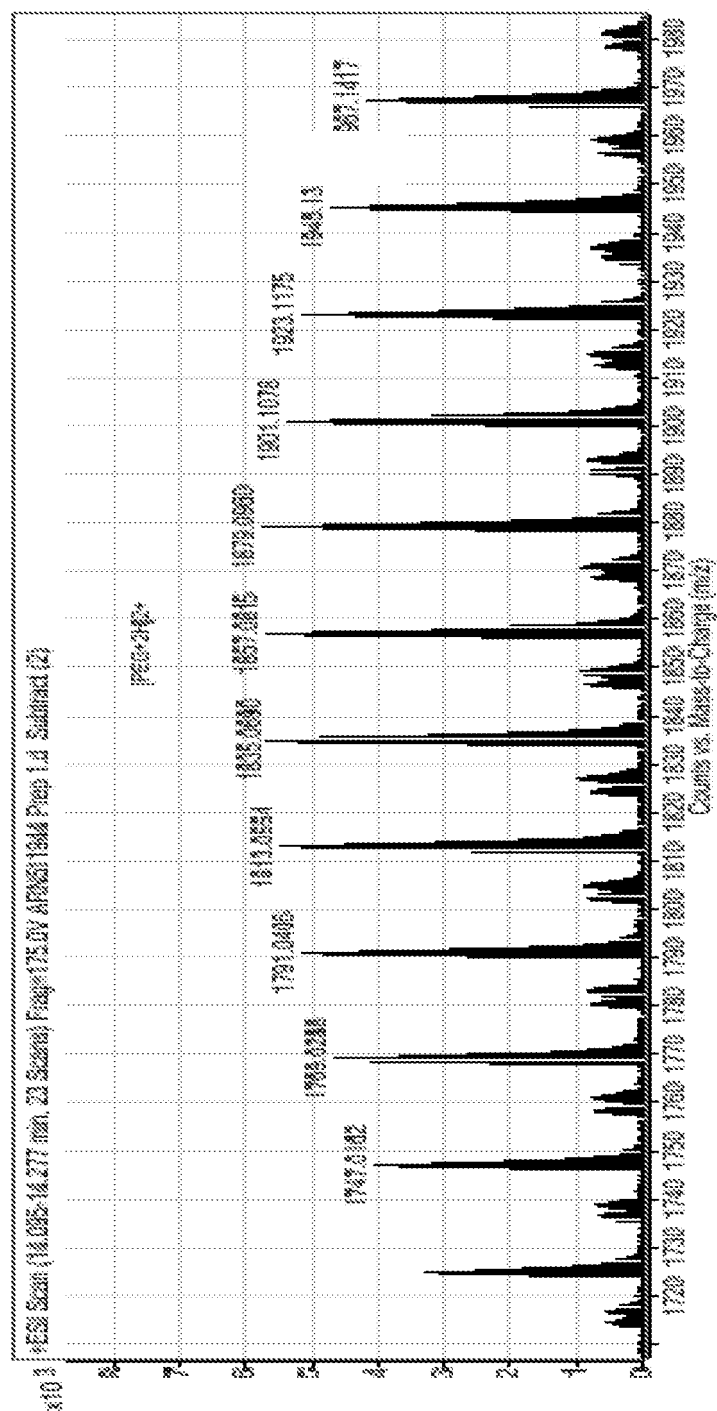


FIG. 9

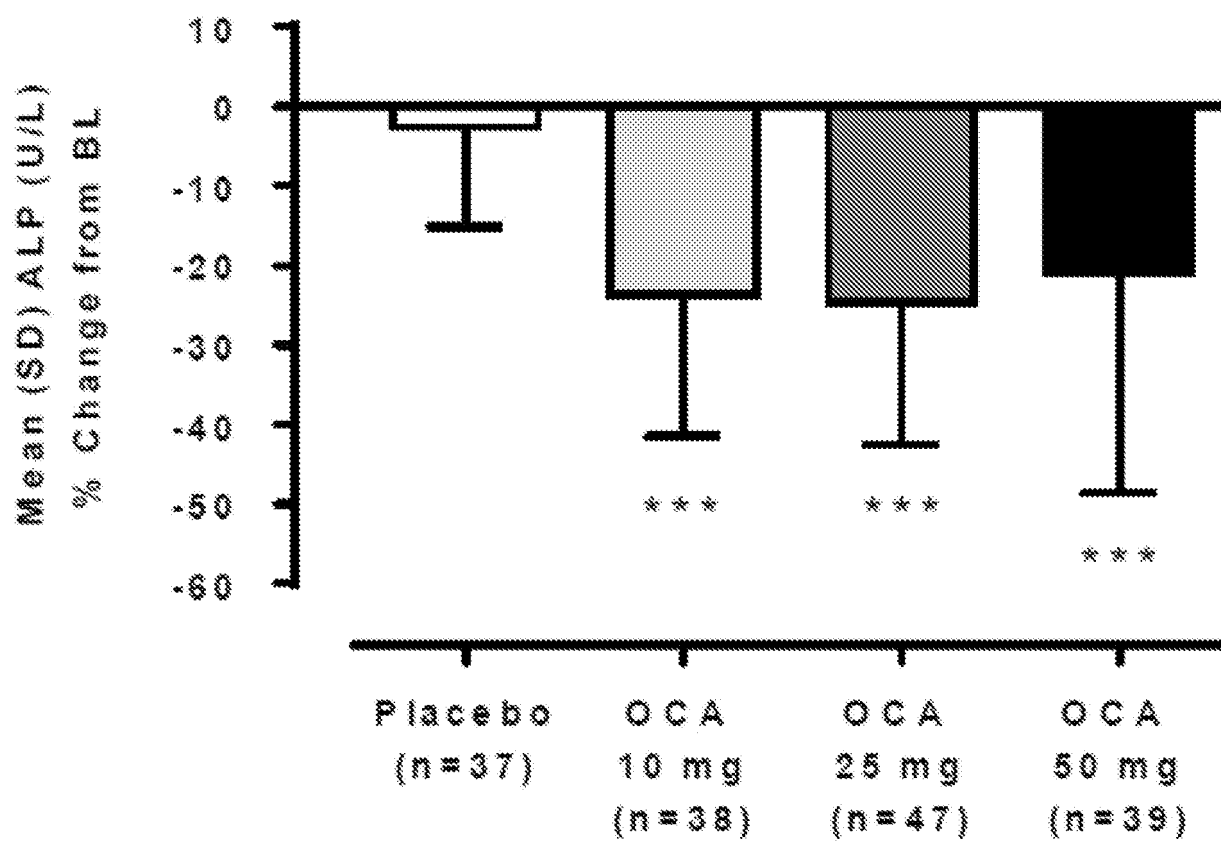


FIG. 10

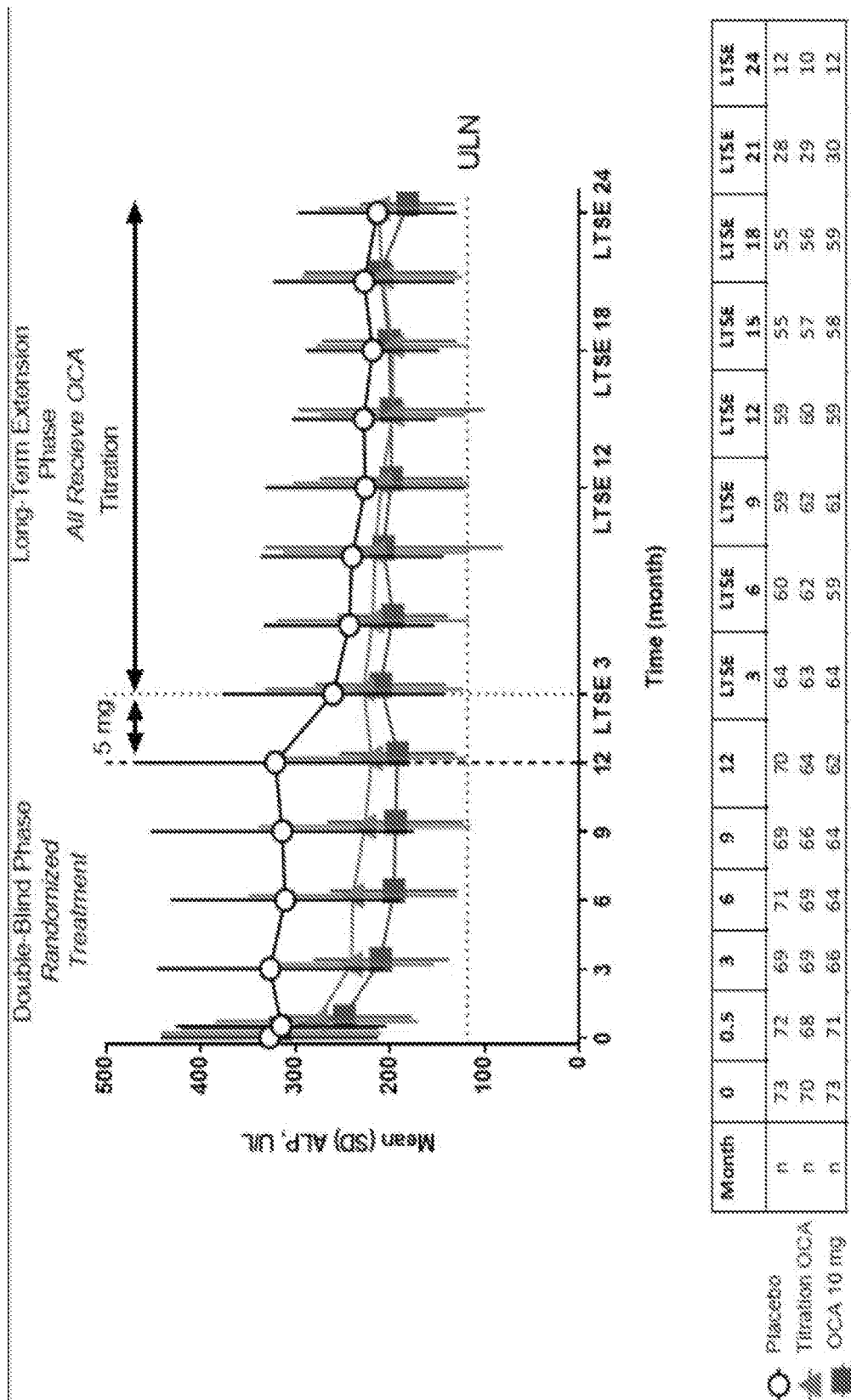


FIG. 11

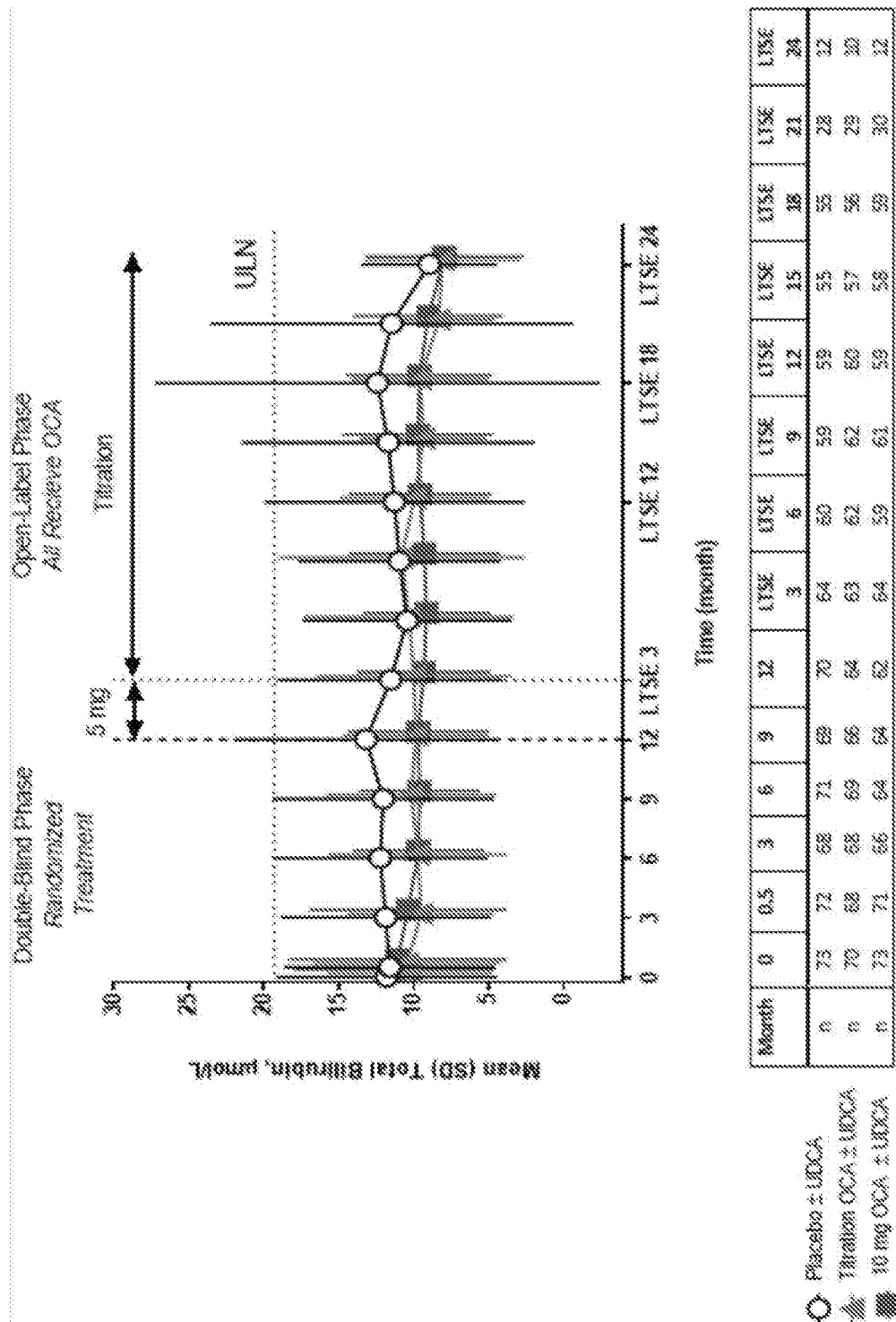


FIG. 12

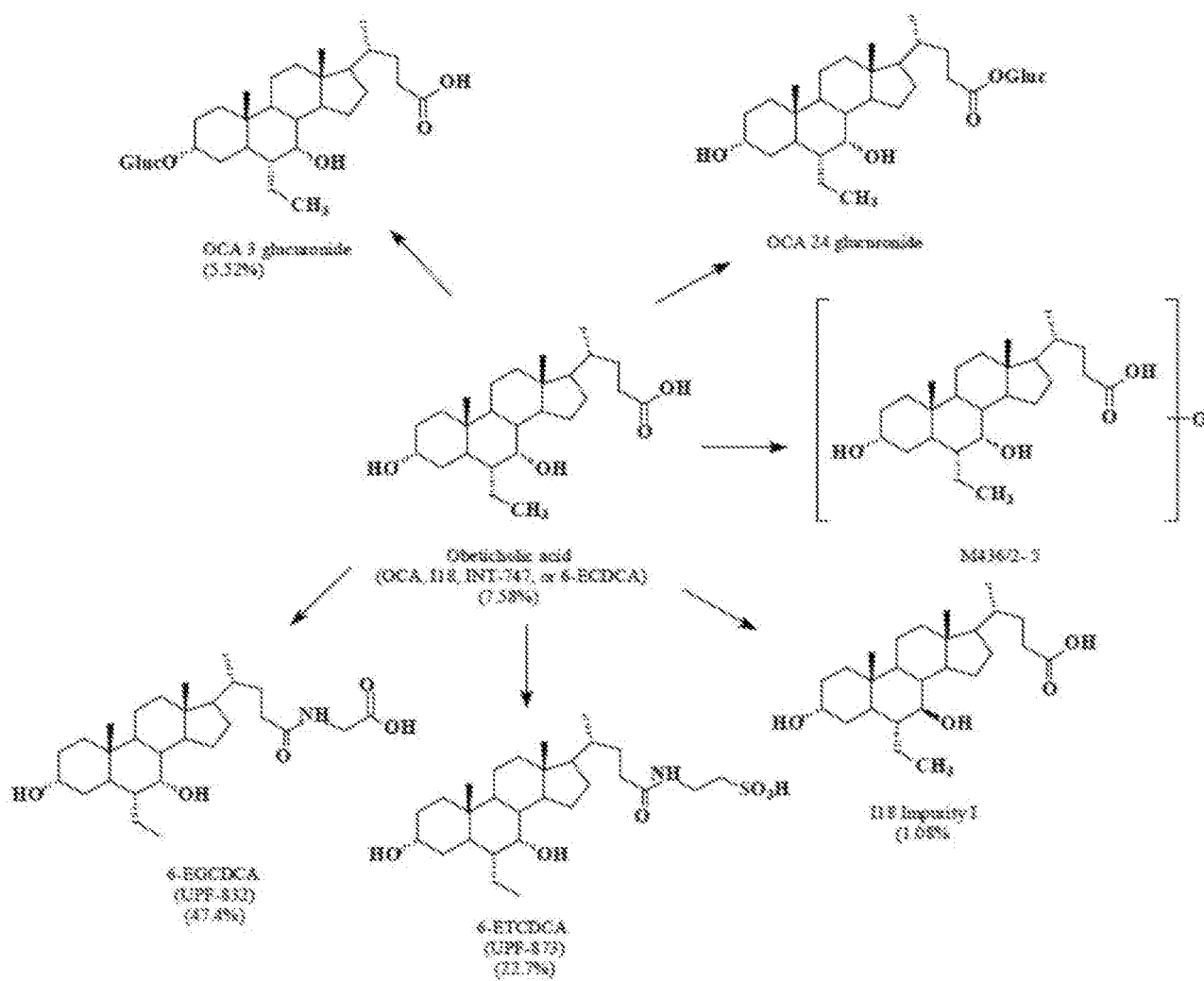
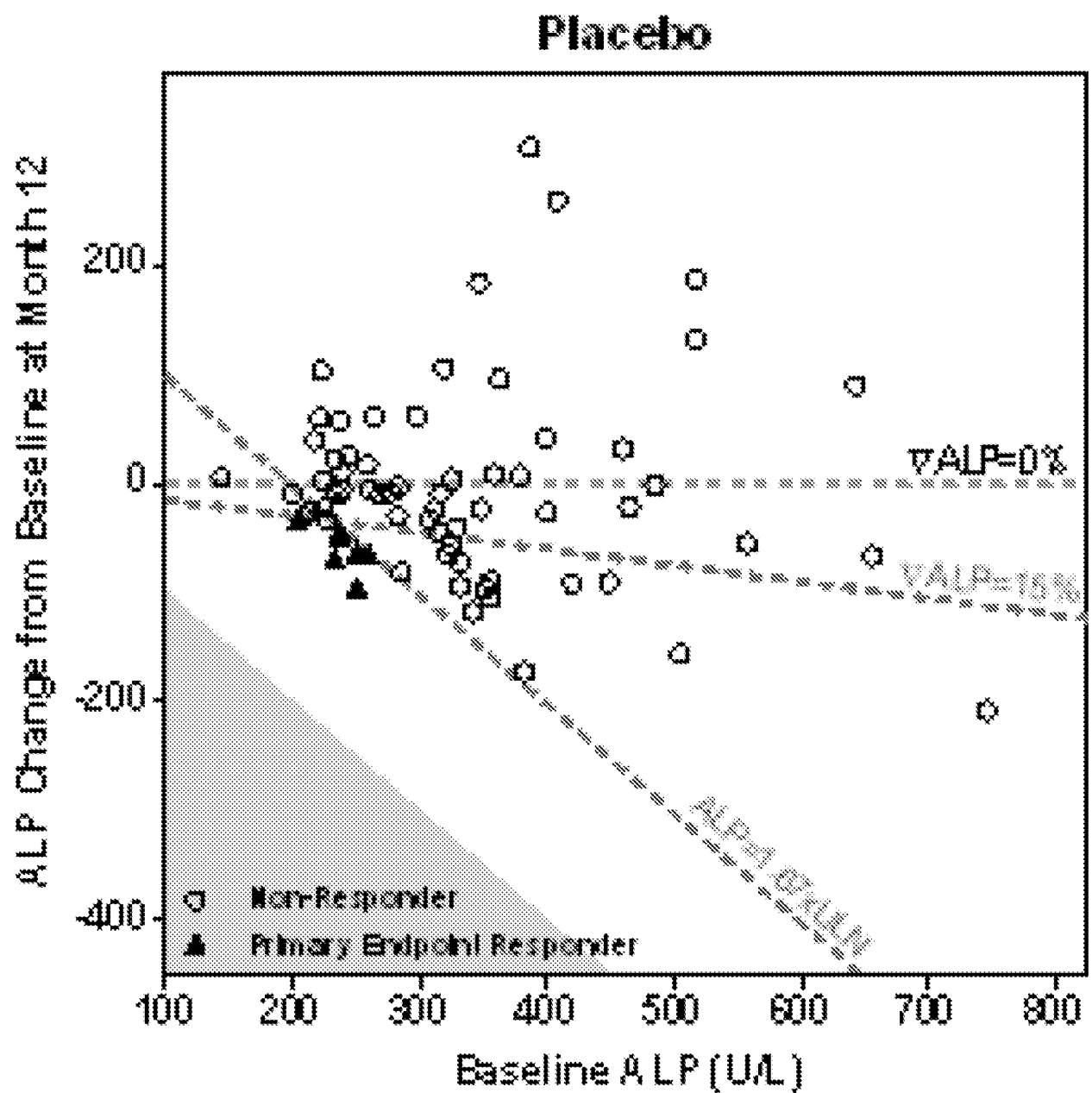
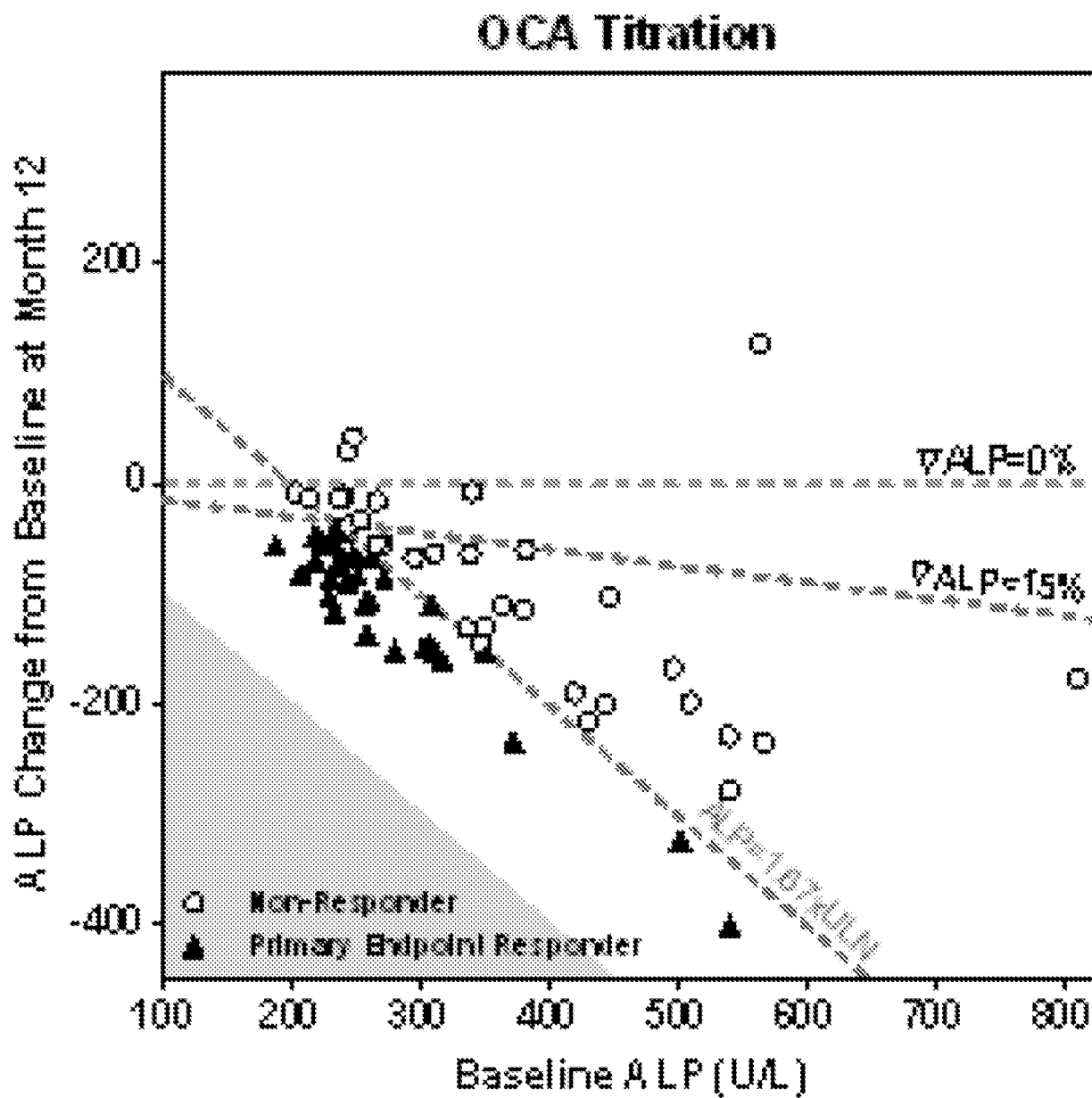


FIG. 13

**FIG. 14A**

**FIG. 14B**

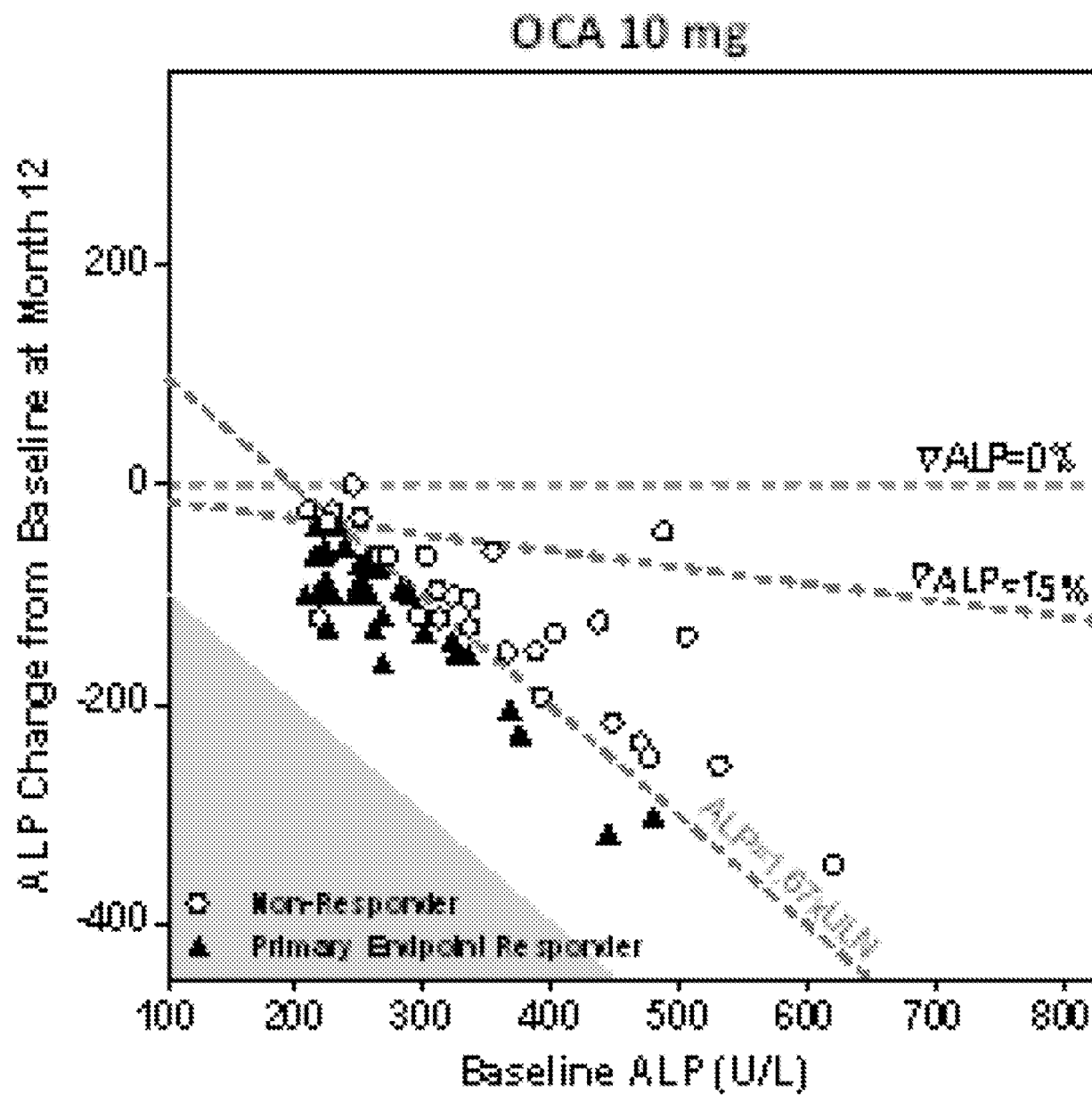


FIG. 14C

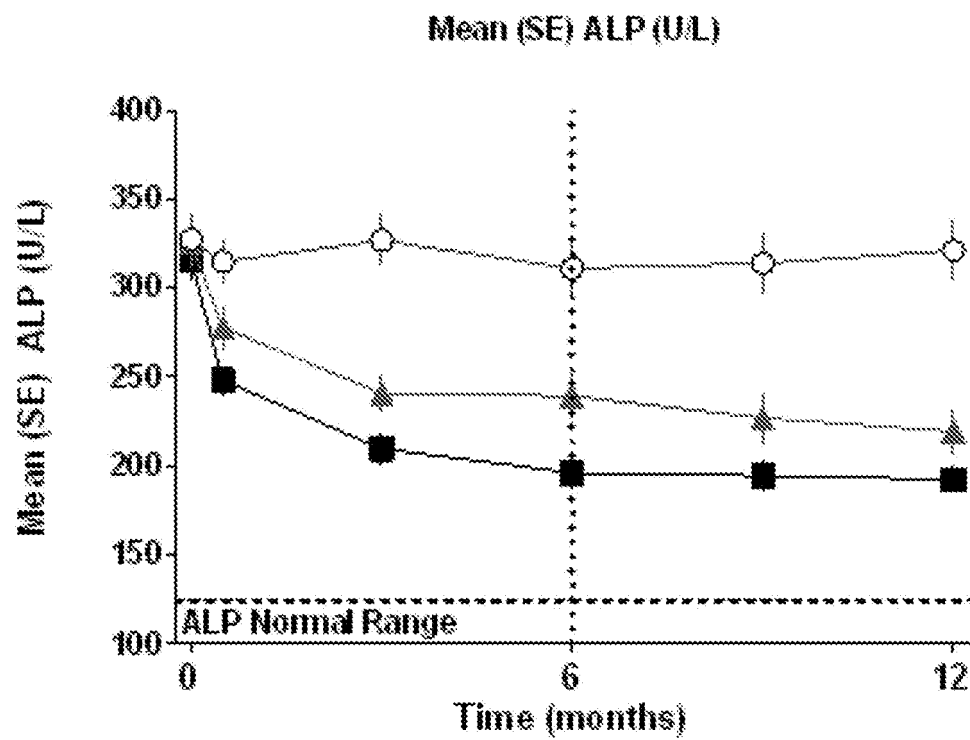


FIG. 15A

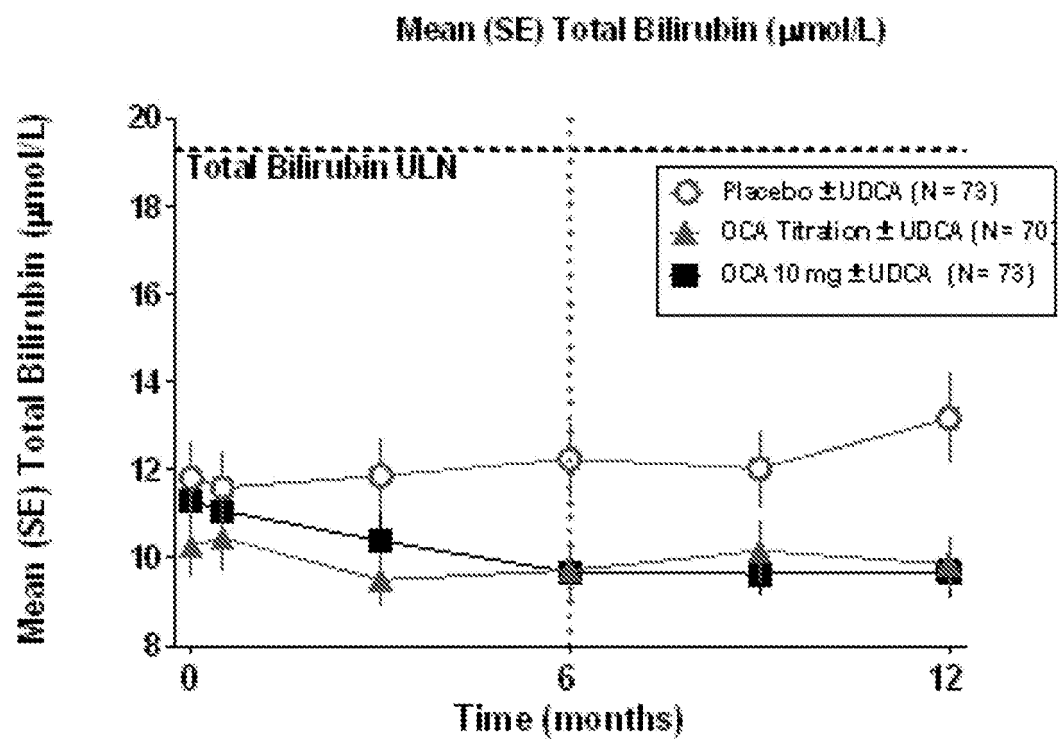


FIG. 15B

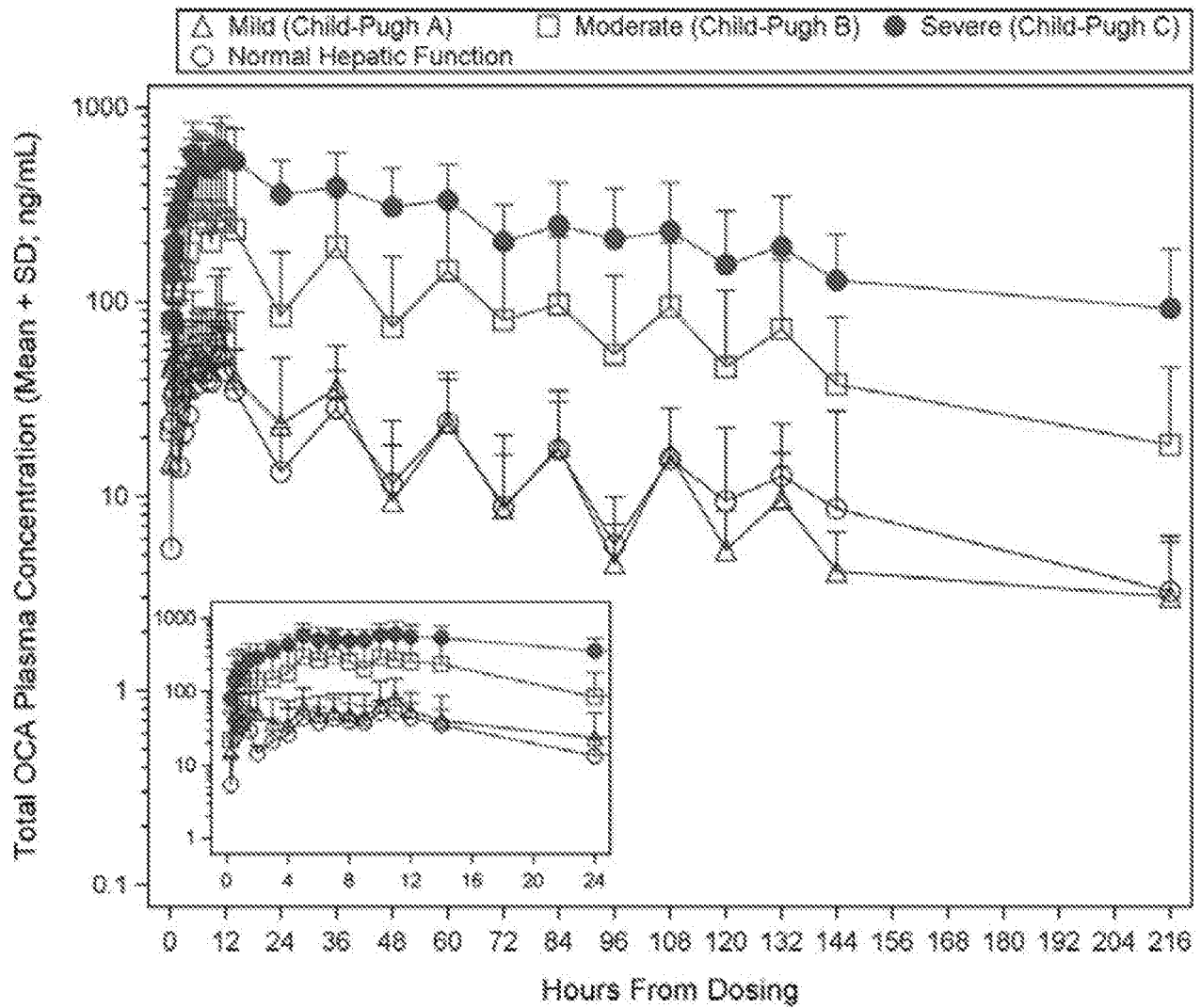


FIG. 16

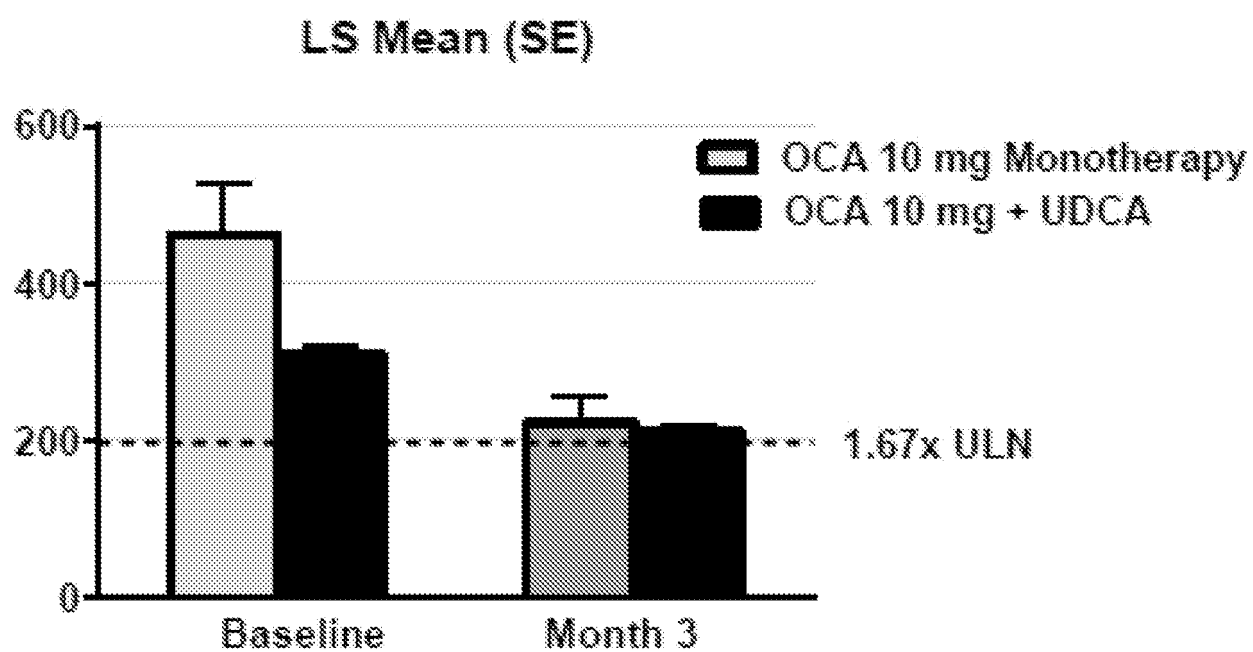


FIG. 17A

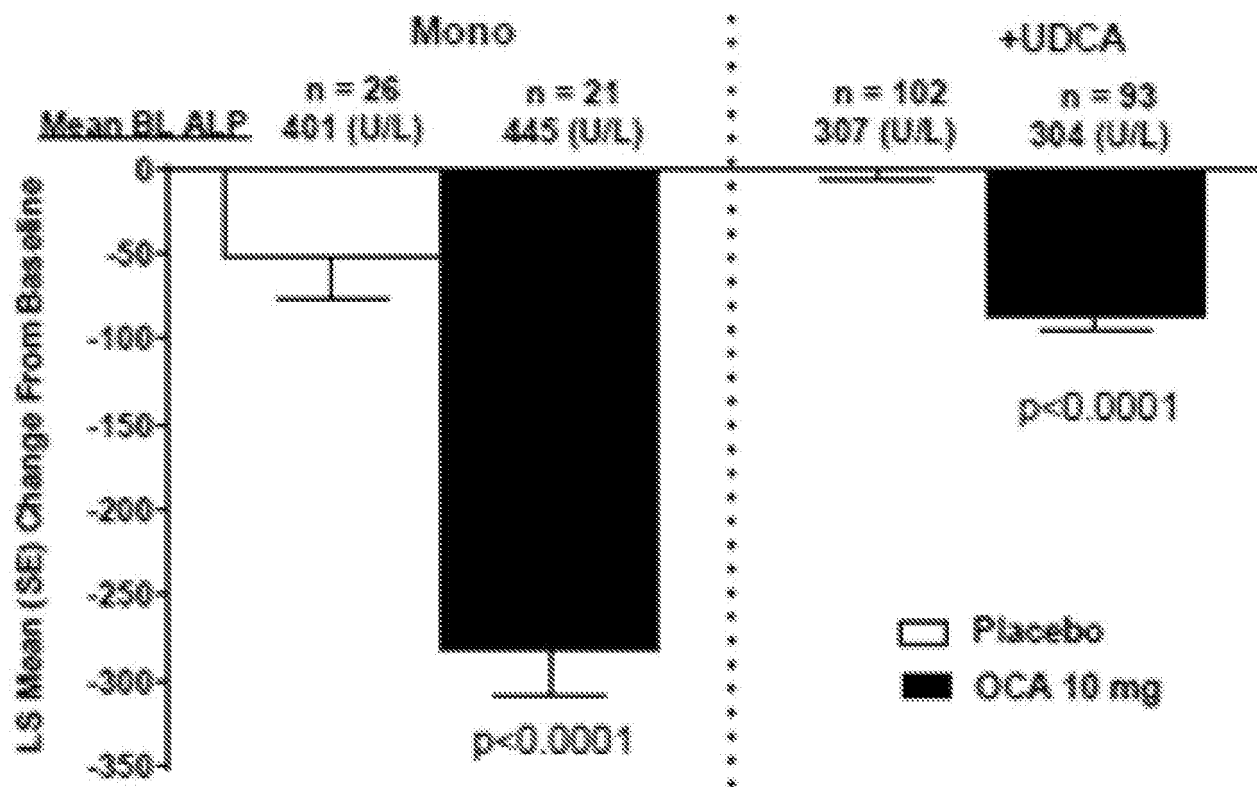
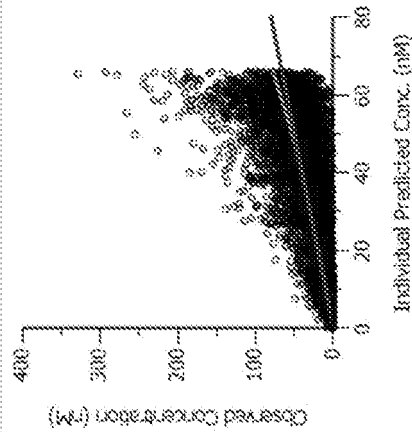


FIG. 17B

FIG. 18A

Glyco-OCA



Individual

FIG. 18B

Unconjugated OCA

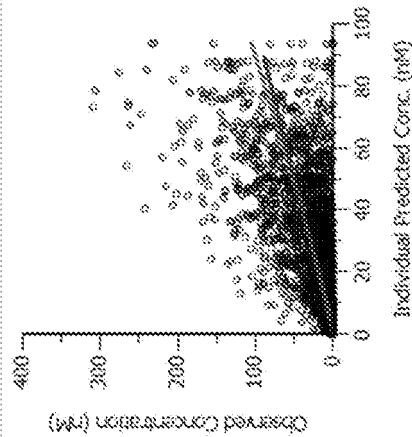


FIG. 18C

Tauro-OCA

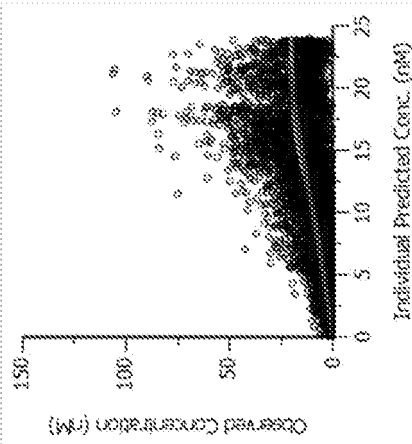
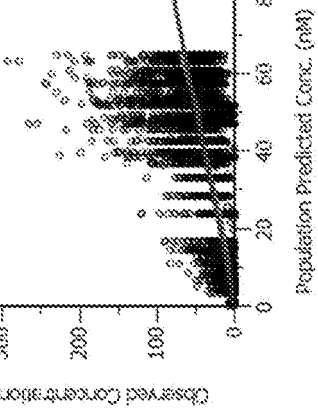


FIG. 18D



Population

FIG. 18E

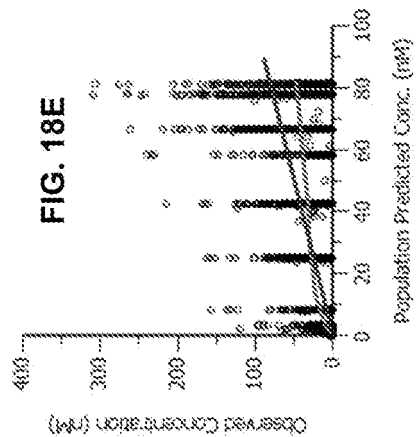
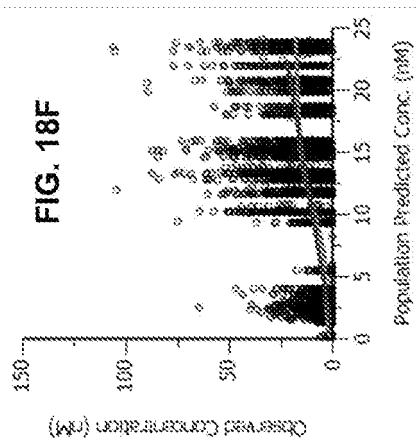


FIG. 18F



Black circles represent individual data points. Solid blue line is the line of unity. Solid red line is a loess fit of the relationship between predicted and observed.

FIG. 19A

Glyco-OCA

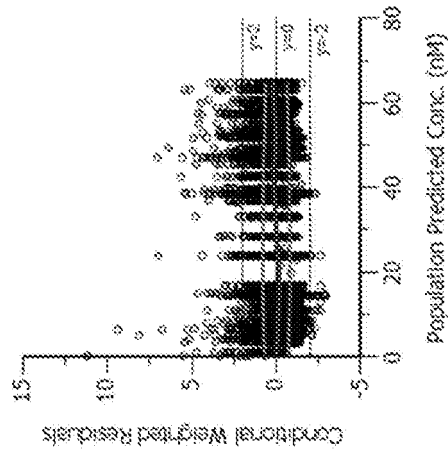


FIG. 19B

Unconjugated OCA

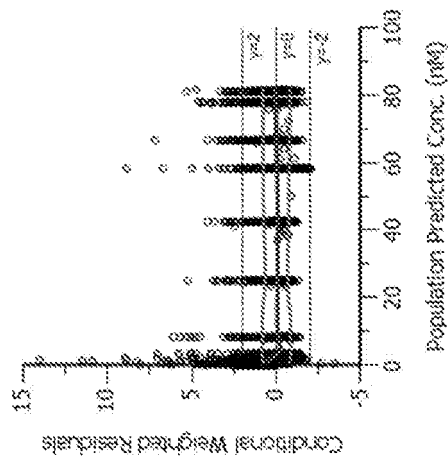


FIG. 19C

Tauro-OCA

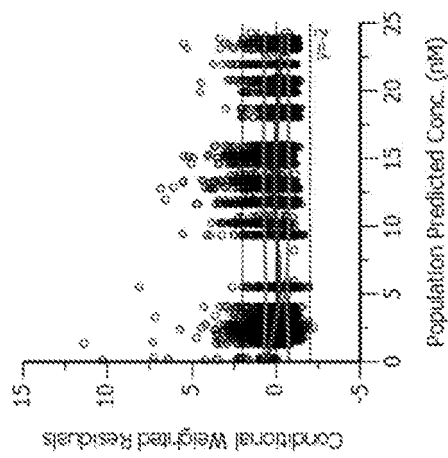


FIG. 19D

Time

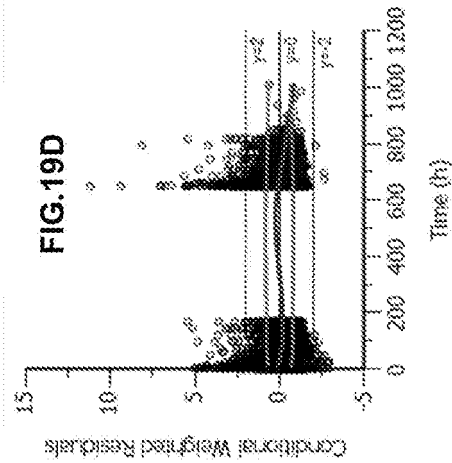


FIG. 19E

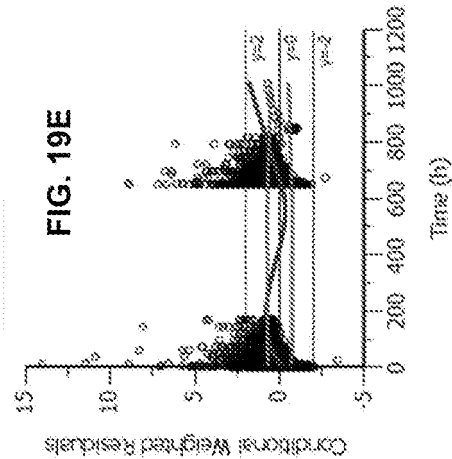
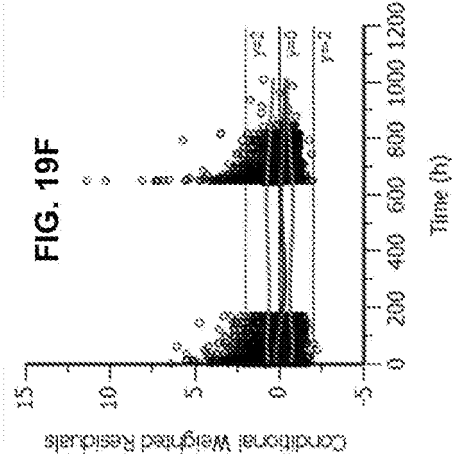


FIG. 19F



Black circles represent individual conditional weighted residuals. Solid blue line is a loess fit of the conditional weighted residuals. Solid red lines are loess fits of the absolute values of the conditional weighted residuals.

FIG. 20A

5 mg OCA

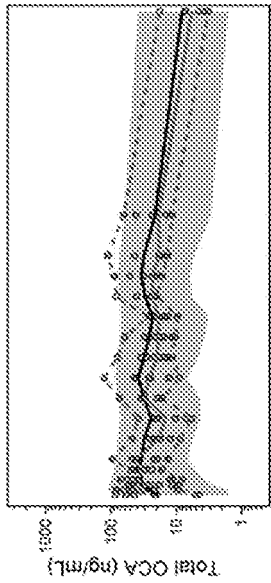


FIG. 20B

10 mg OCA

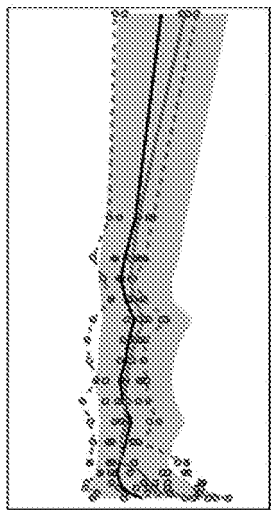


FIG. 20C

25 mg OCA

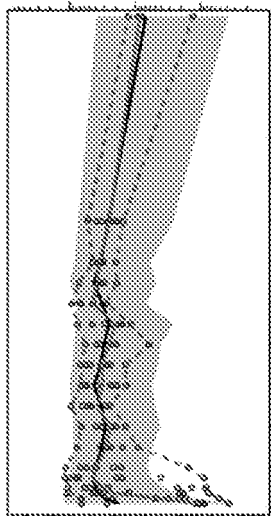


FIG. 20D

Multiple-Dose

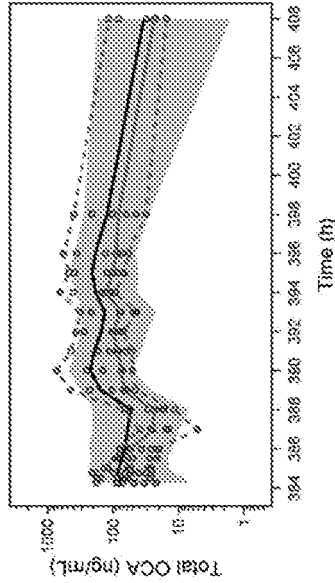


FIG. 20E

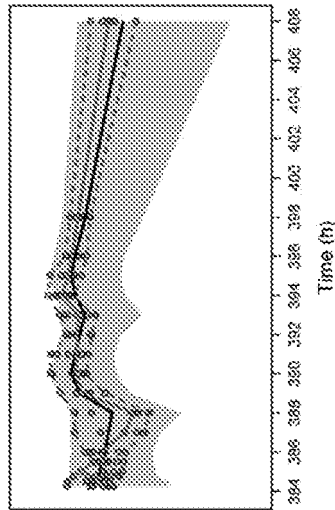
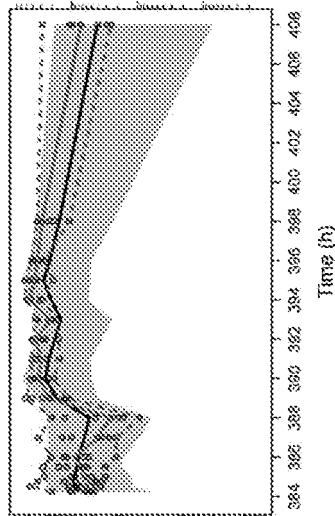


FIG. 20F



Blue circles represent observed data points. Solid red line represents median of observed data. Dashed red lines represent the 5th and 95th percentiles of observed data. Solid black line represents predicted median. Gray band represents the 90% prediction interval.

FIG. 21B

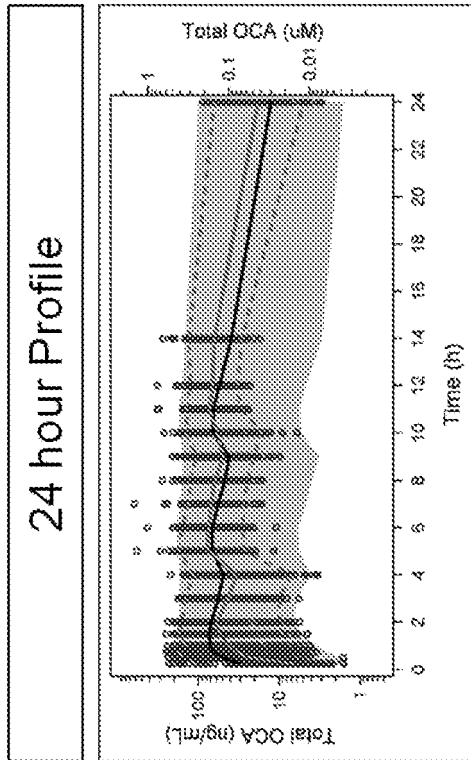


FIG. 21D

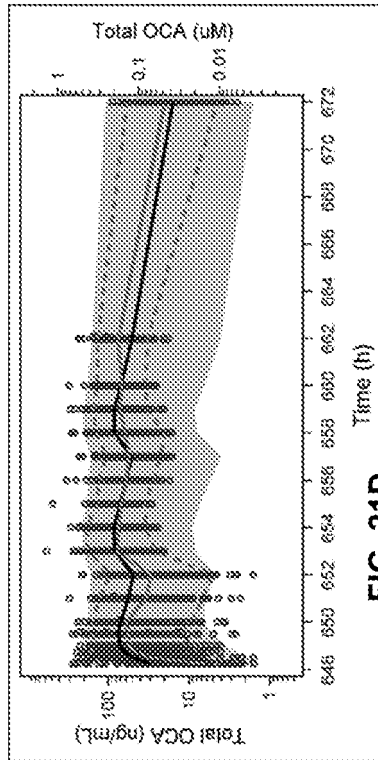


FIG. 21A

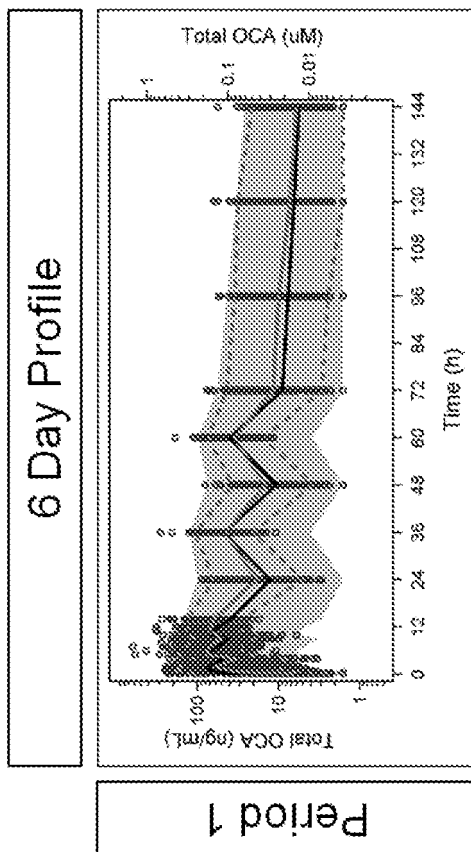
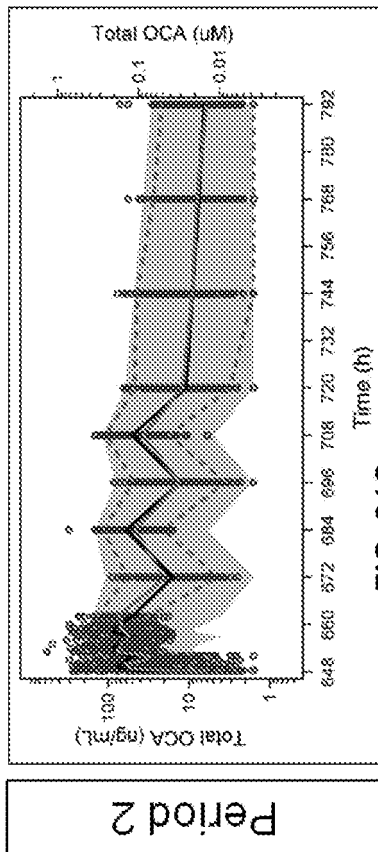


FIG. 21C



Blue circles represent observed data points. Solid red line represents median of observed data. Dashed red lines represent the 5th and 95th percentiles of observed data. Solid black line represents predicted median. Gray band represents the 90% prediction interval.

FIG. 22A

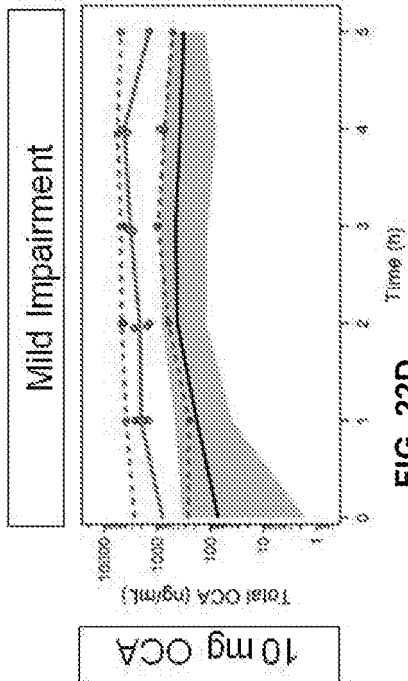


FIG. 22B

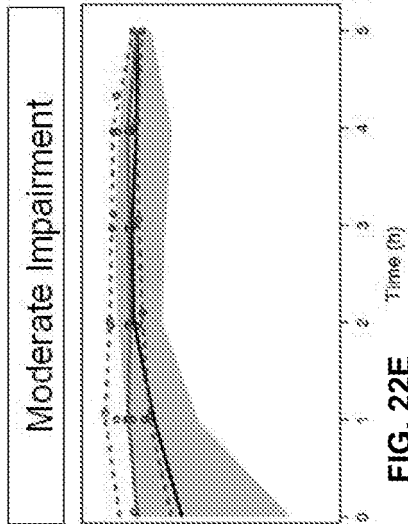


FIG. 22C

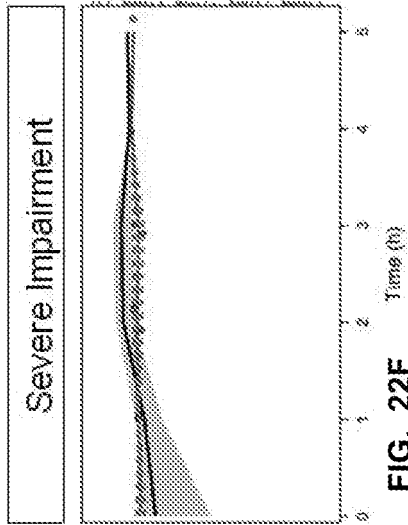


FIG. 22D

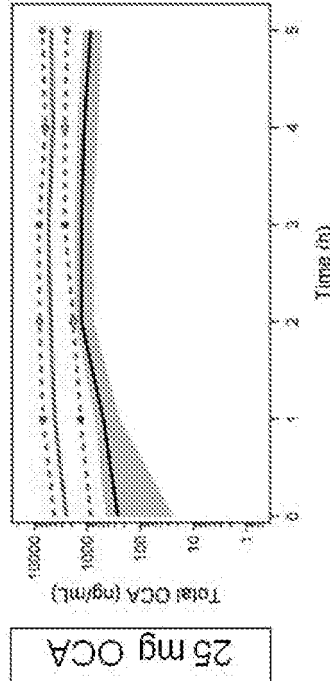


FIG. 22E

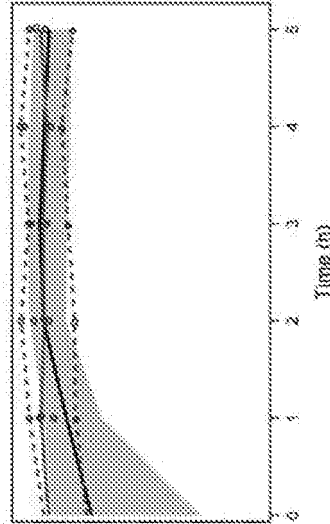
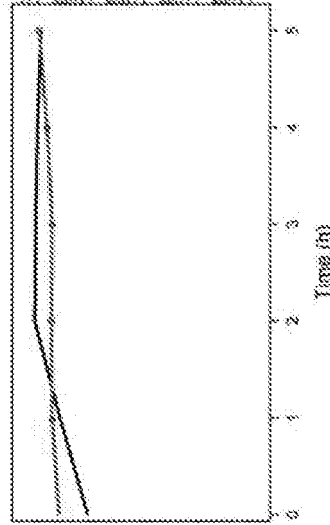
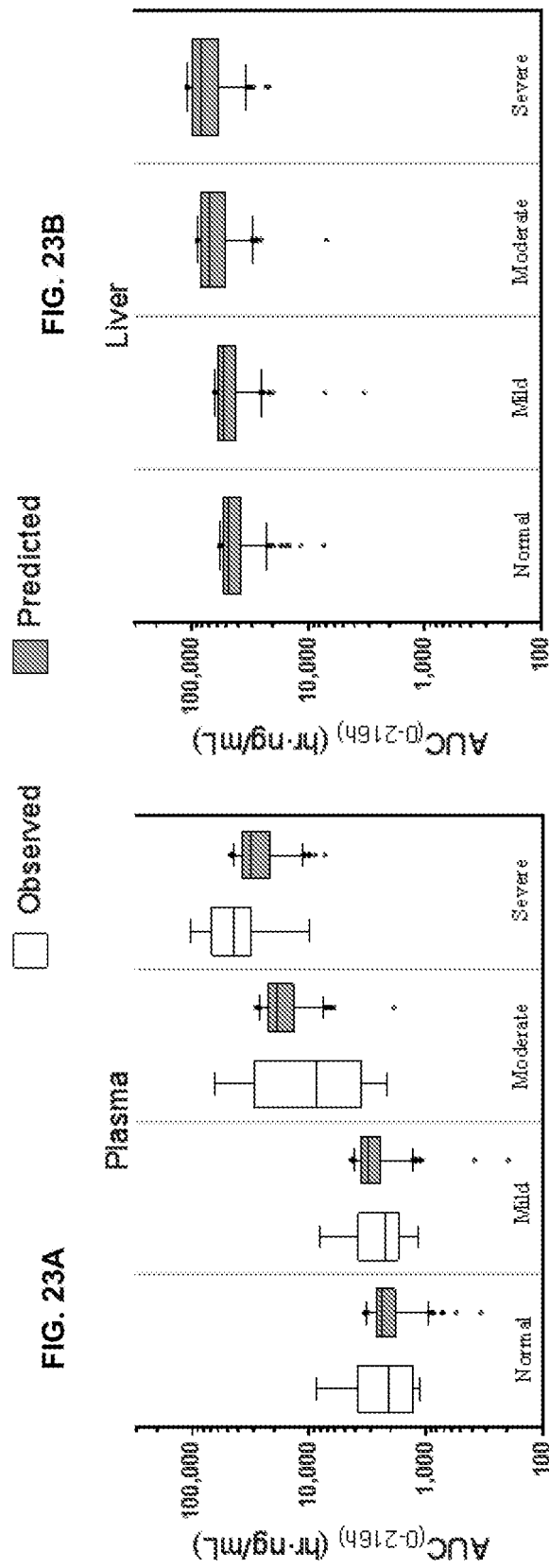


FIG. 22F



Blue circles represent observed data points. Solid red line represents median of observed data. Dashed red lines represent the 5th and 95th percentiles of observed data. Solid black line represents predicted median. Gray band represents the 90% prediction interval.



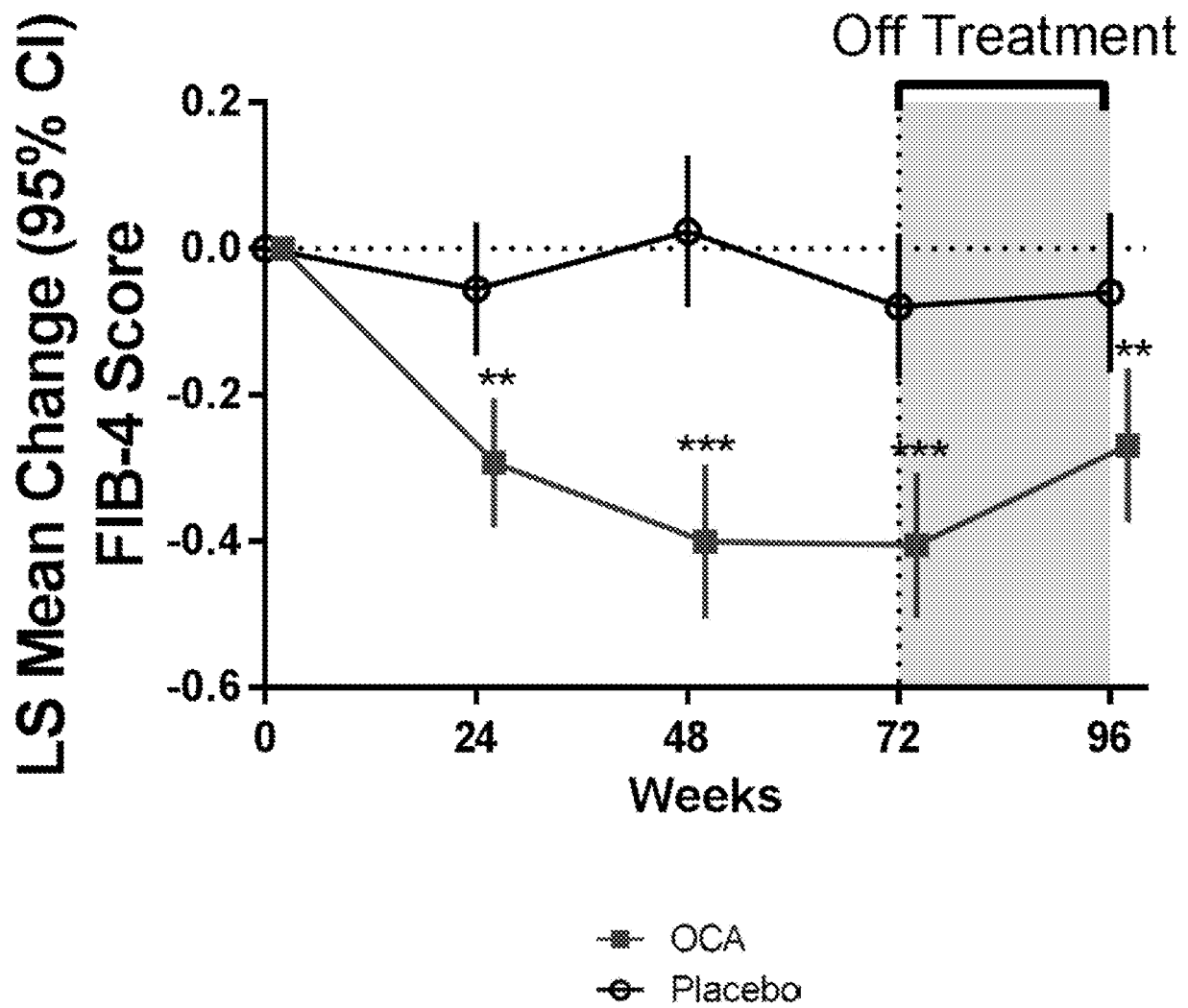


FIG. 24A

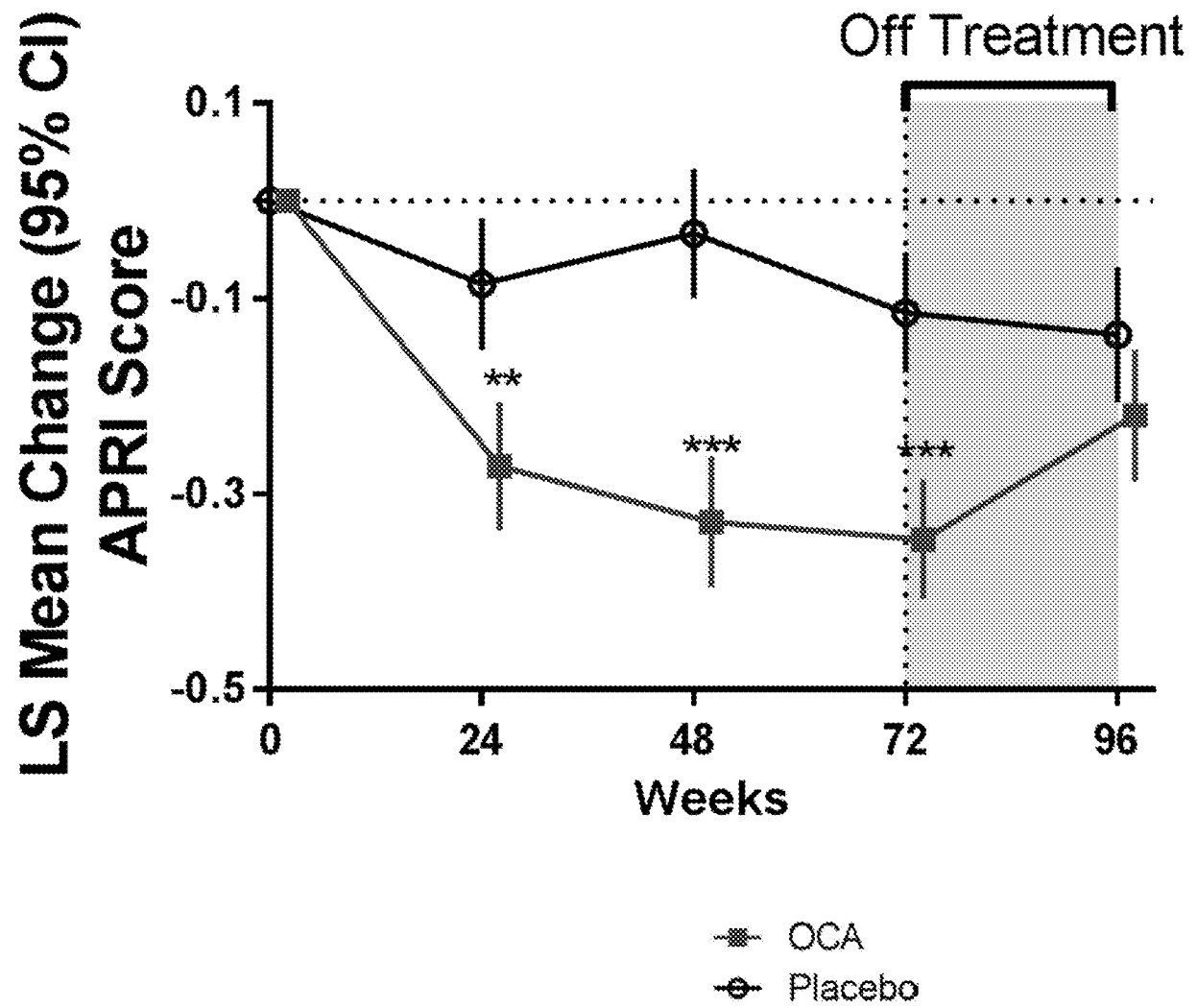


FIG. 24B

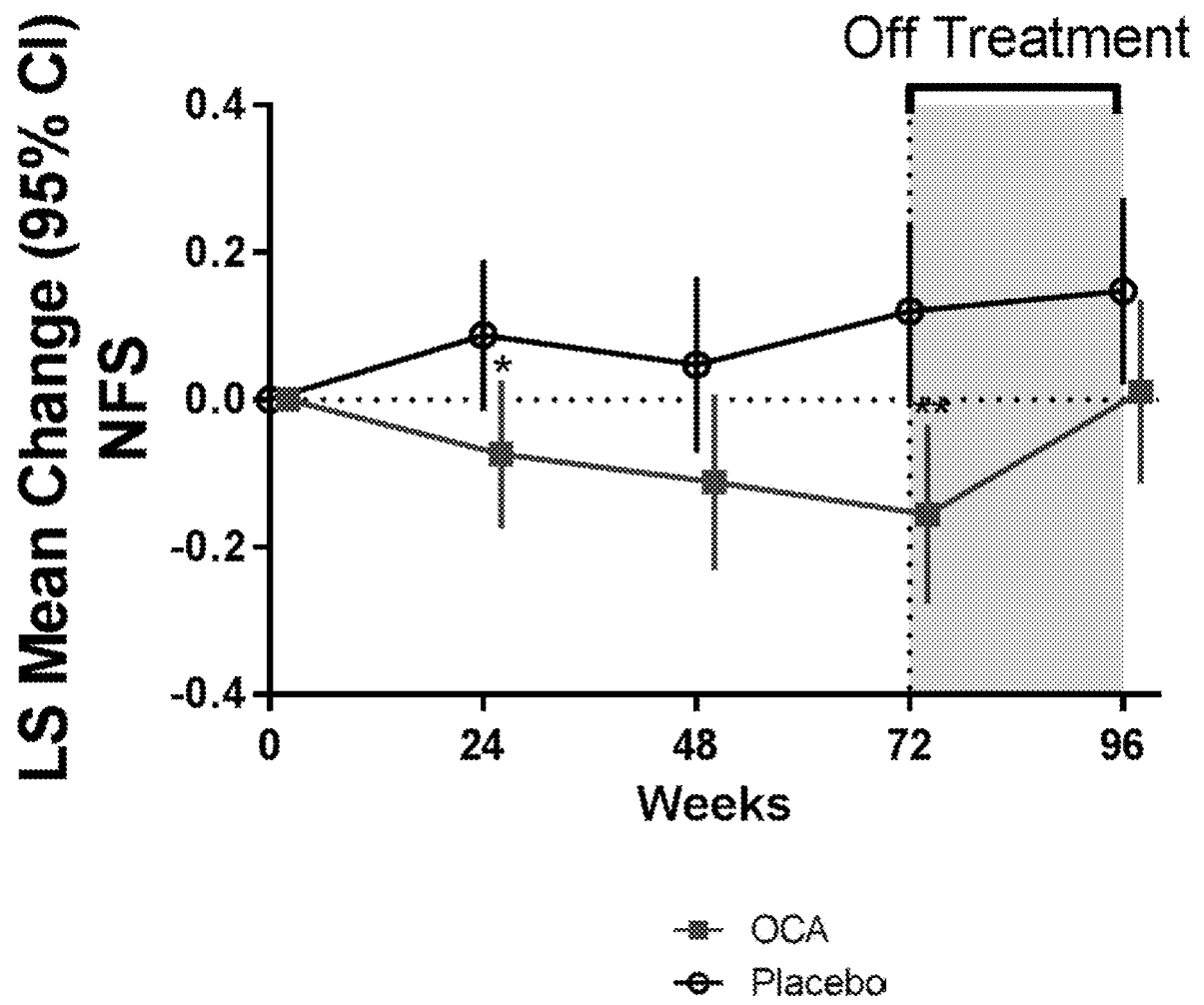
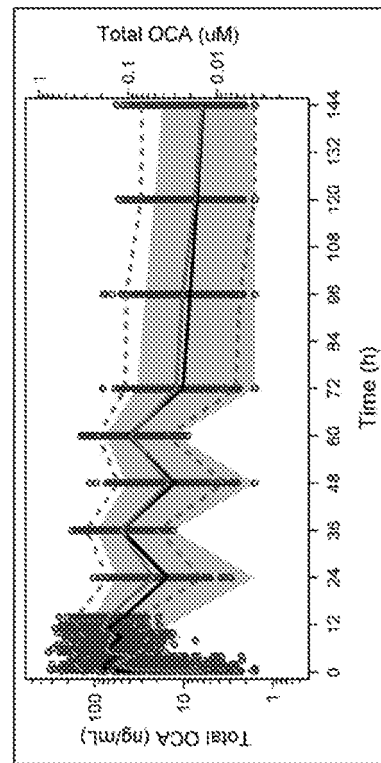


FIG. 24C

FIG. 25A

6 Day Profile



Period 2

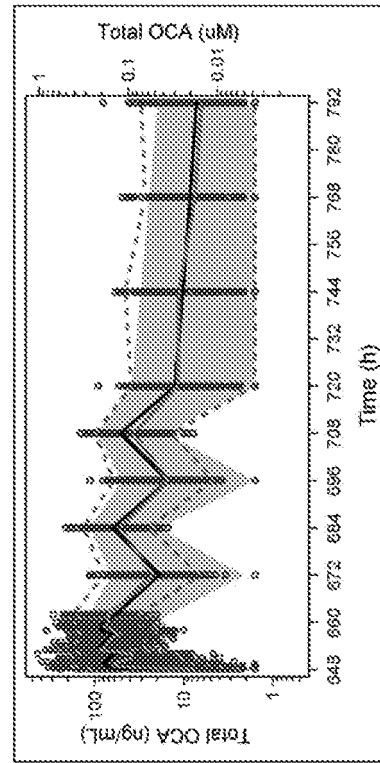


FIG. 25C

FIG. 26A

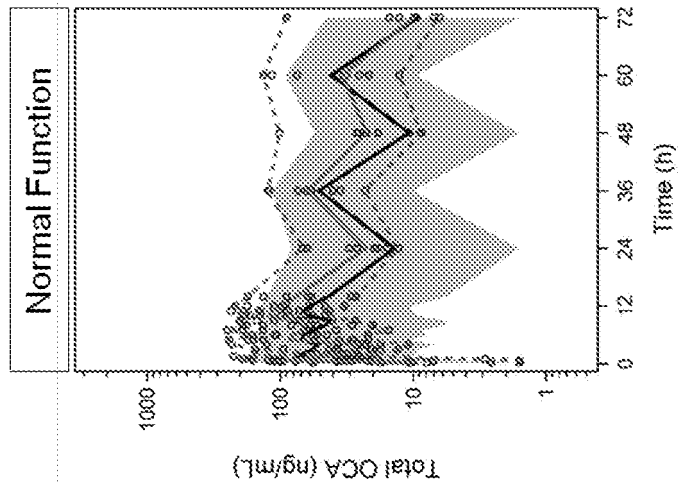


FIG. 26B

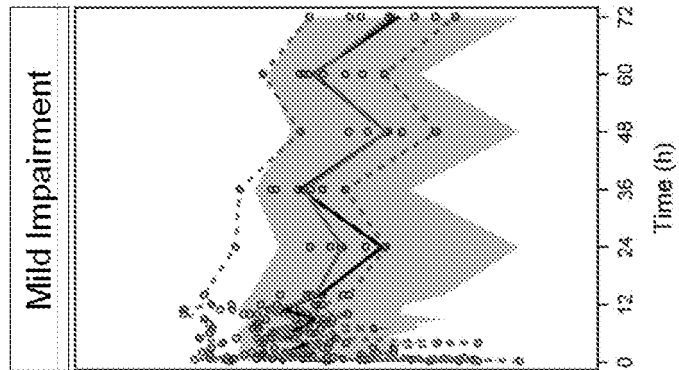


FIG. 26C

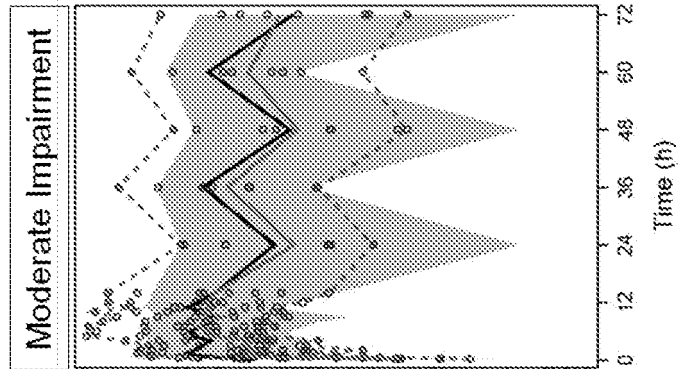
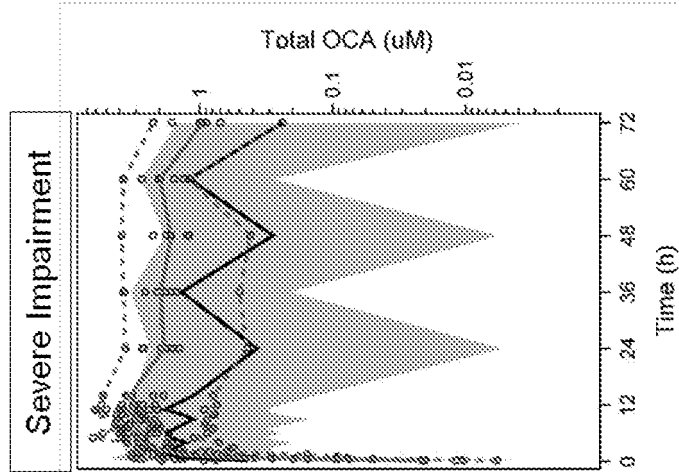


FIG. 26D



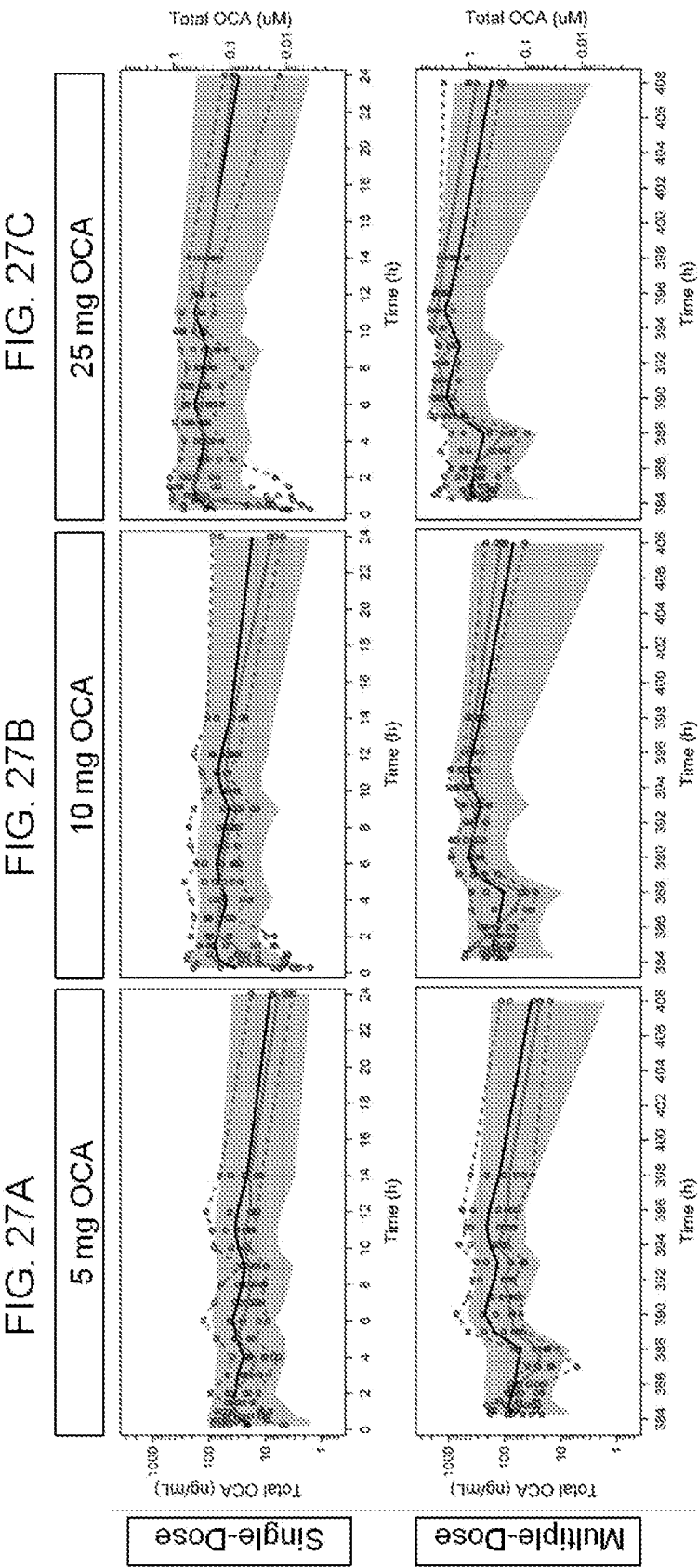


FIG. 28A

FIG. 28B

FIG. 28C

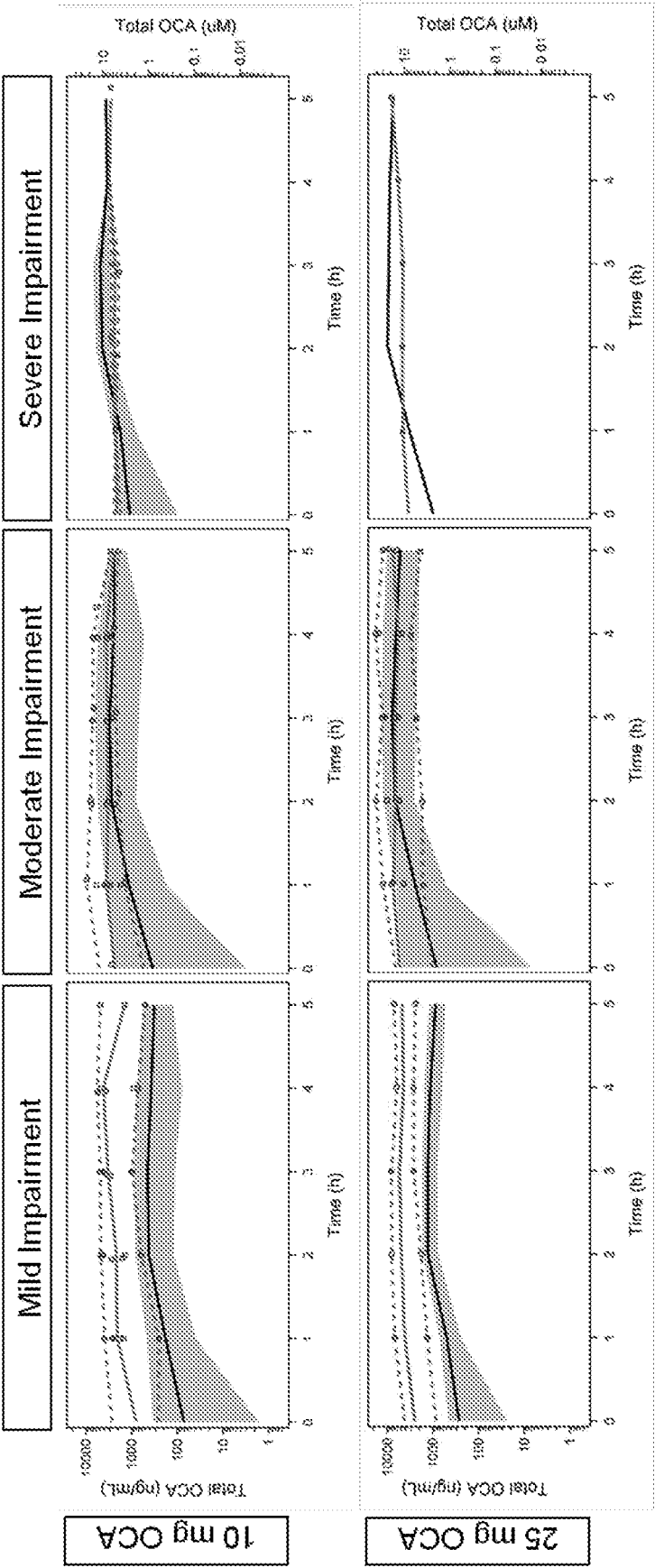


FIG. 28E

FIG. 28F

FIG. 28D