

FIG. 1

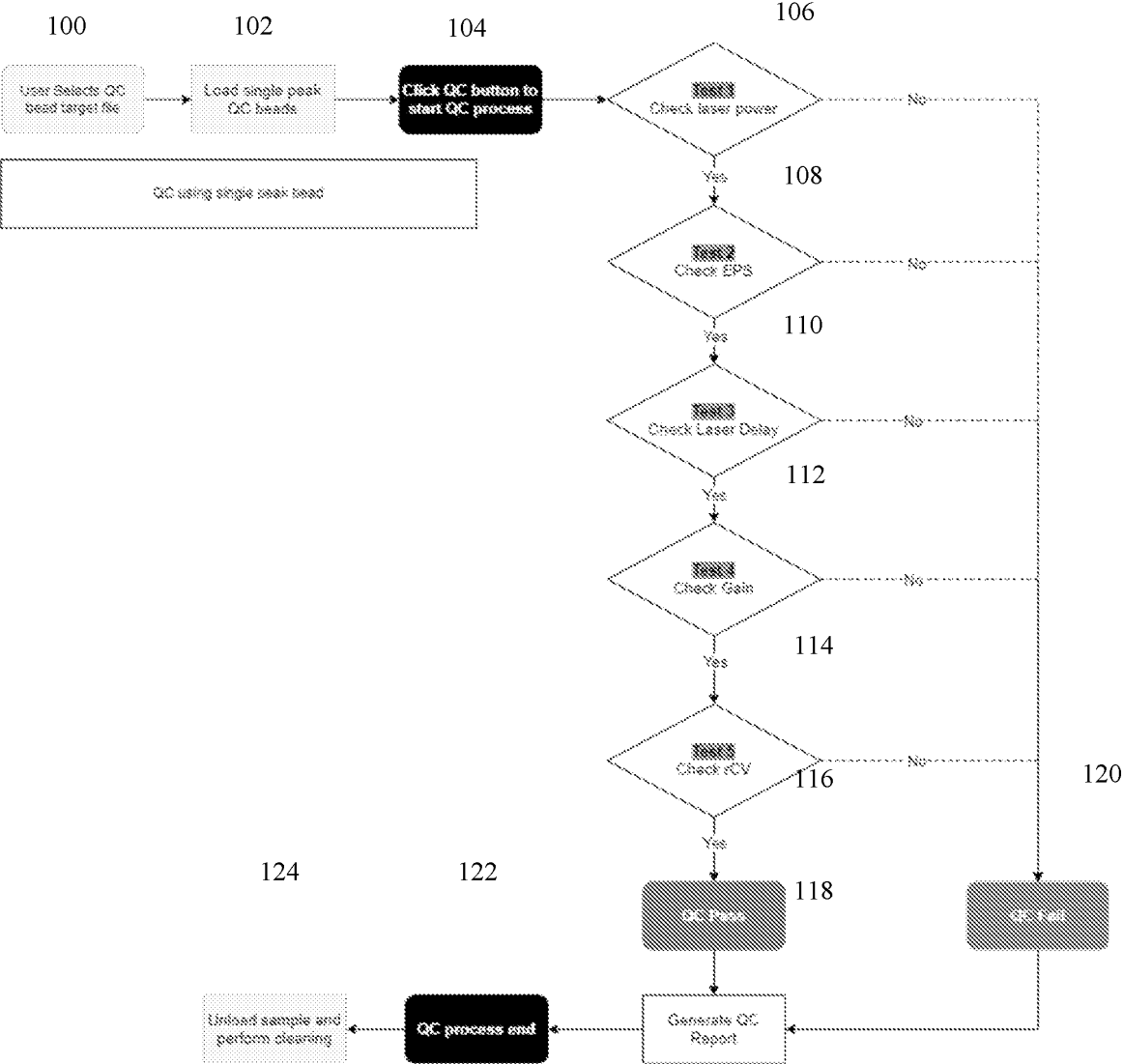
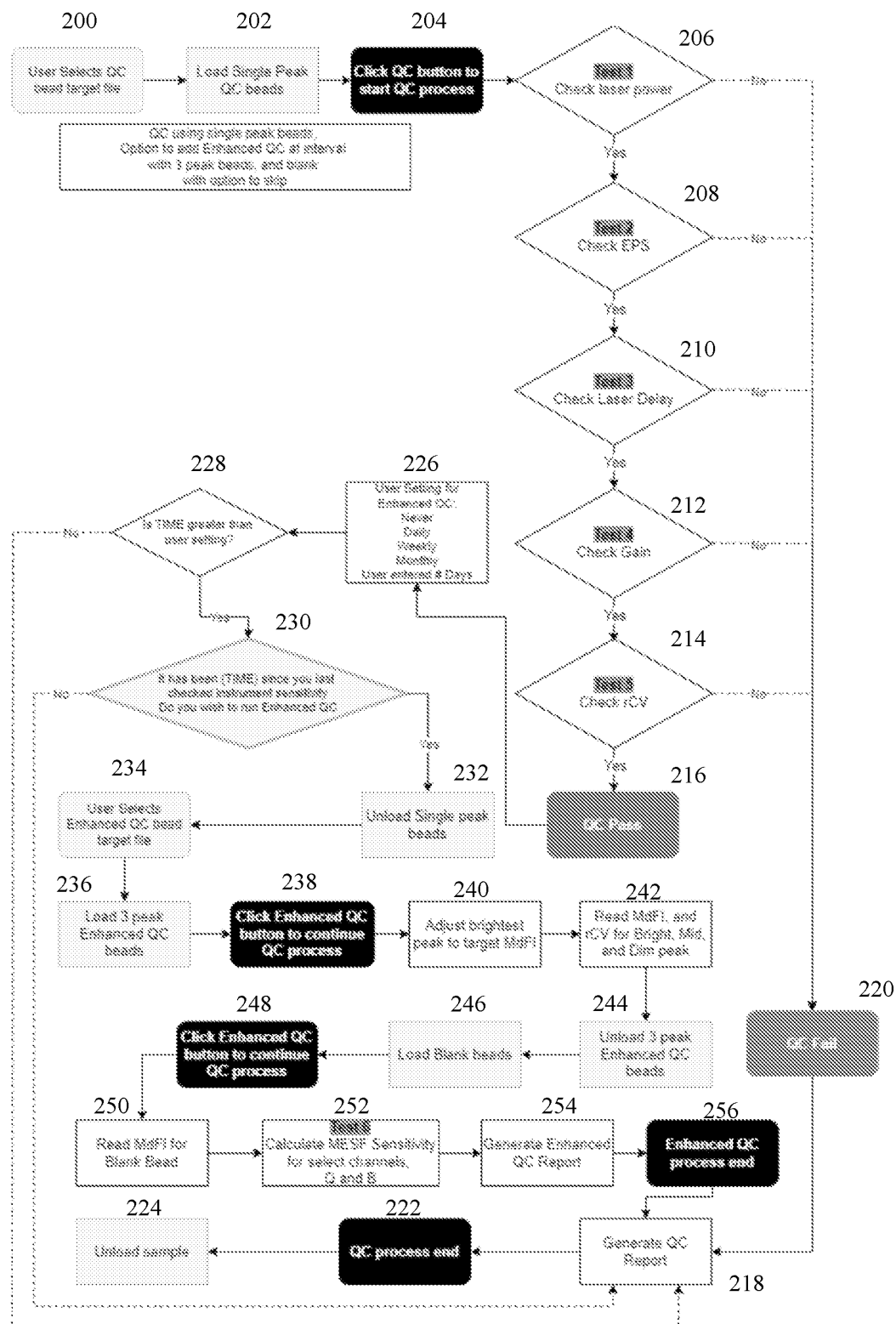


FIG. 2



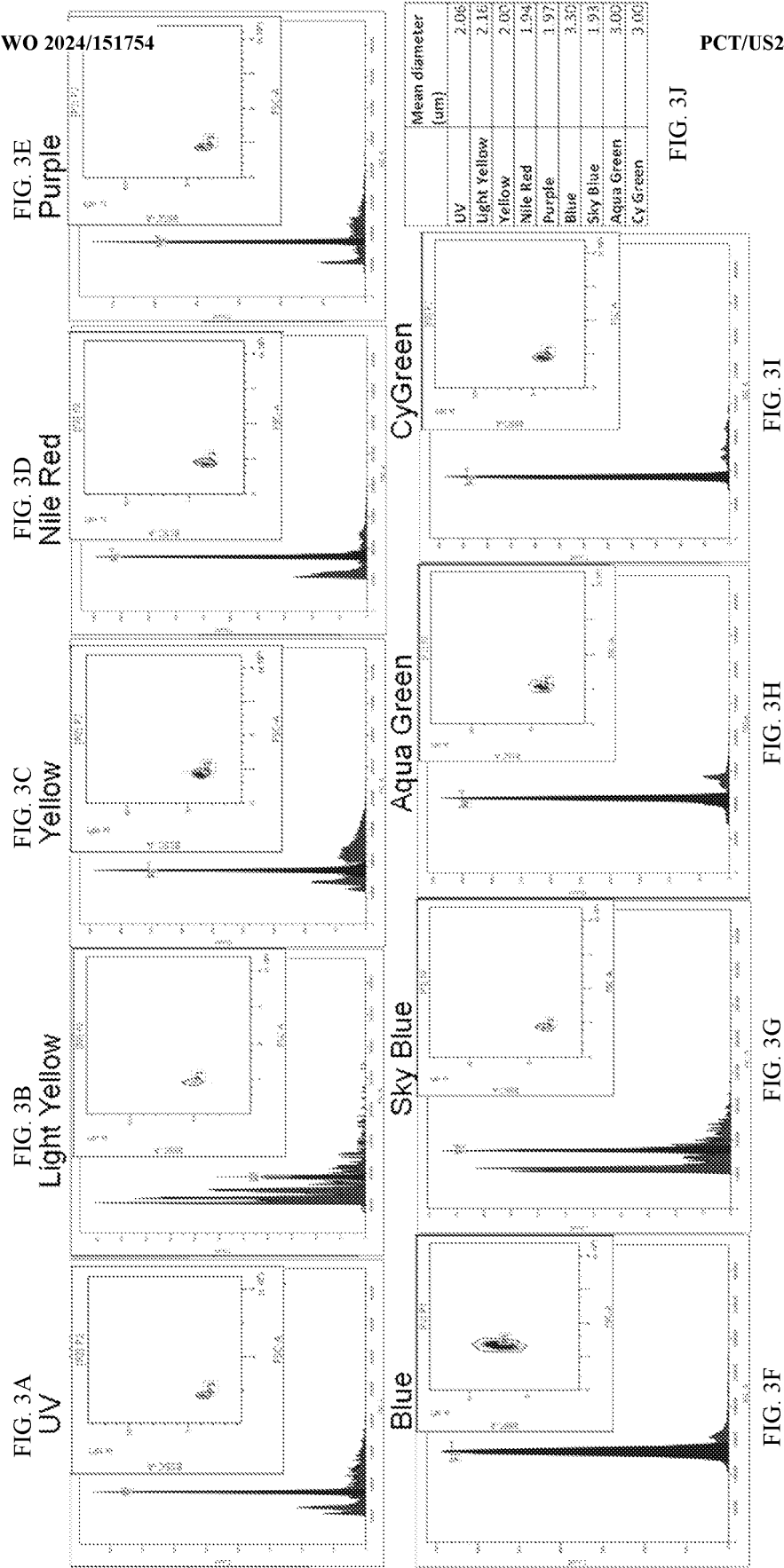


FIG. 4E
Yellow

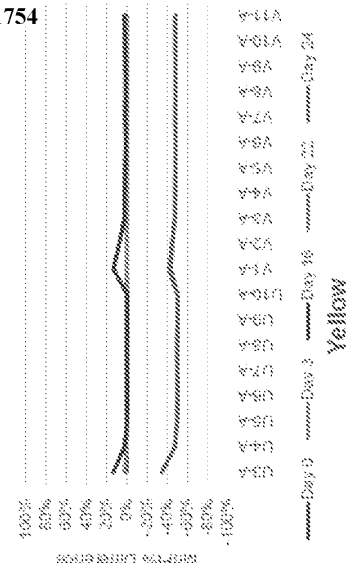


FIG. 4C
Light Yellow

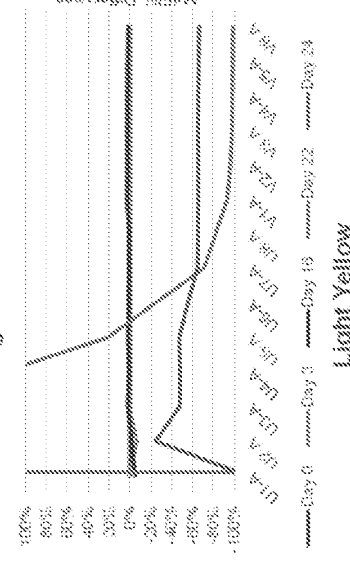


FIG. 4A
UV

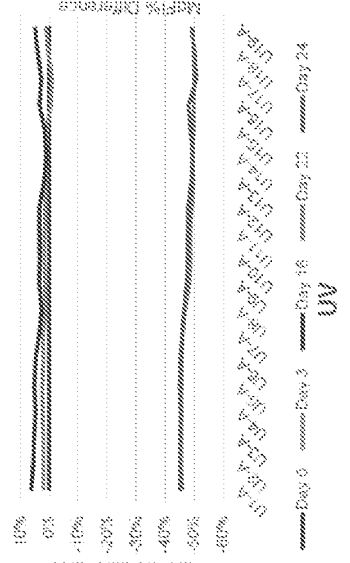


FIG. 4F

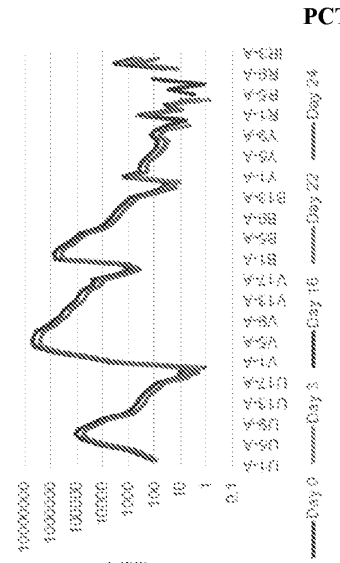


FIG. 4D

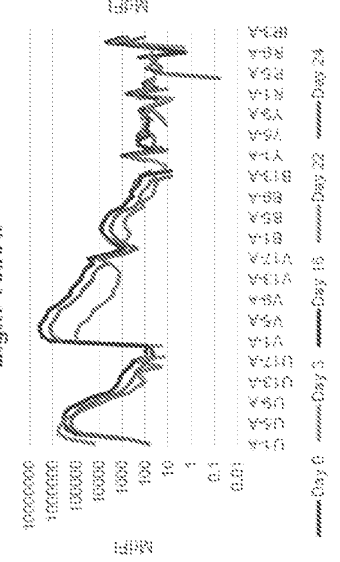
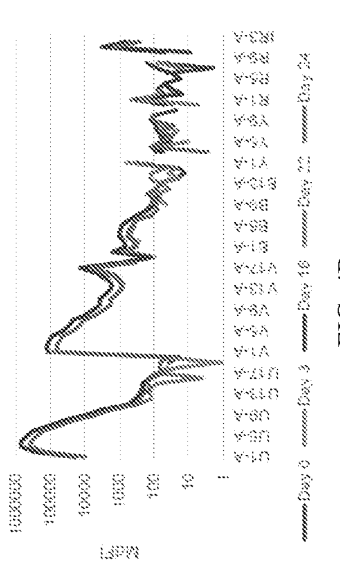


FIG. 4B



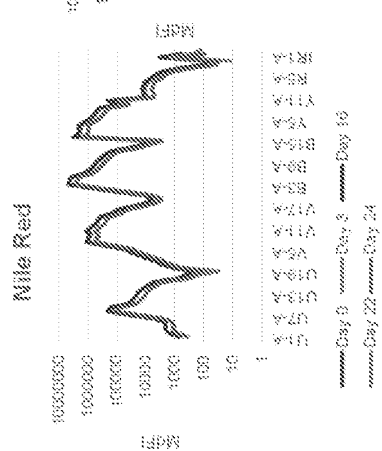
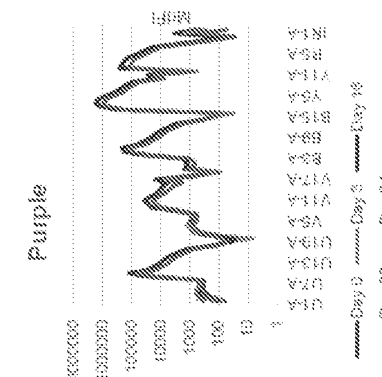
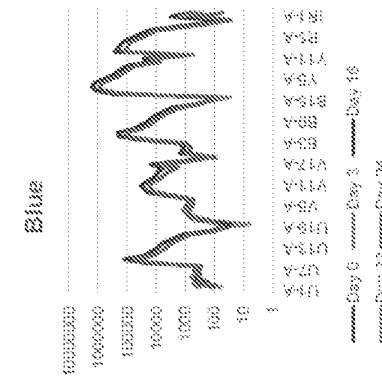
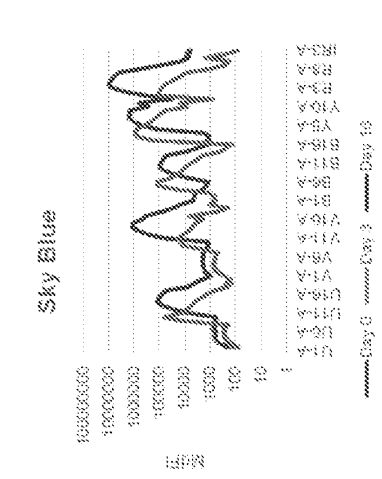
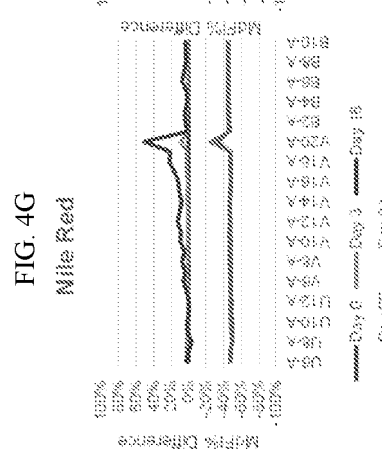
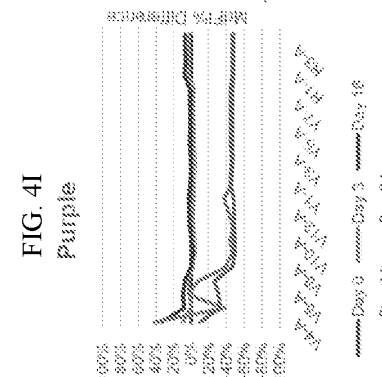
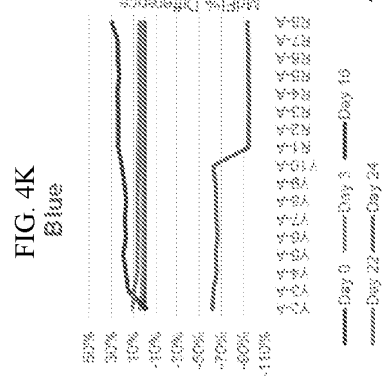
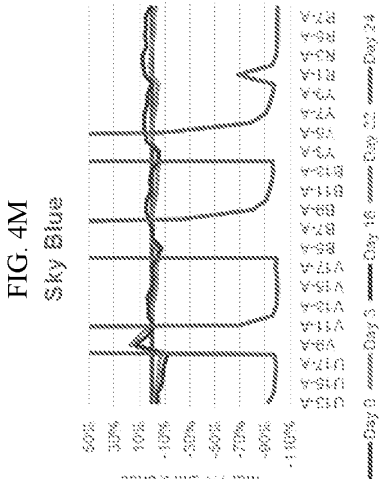


FIG. 4O

Jade

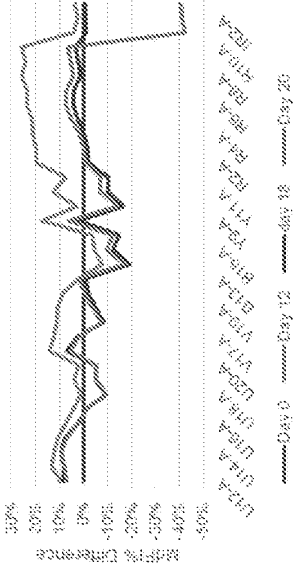


FIG. 4Q

Cy Green

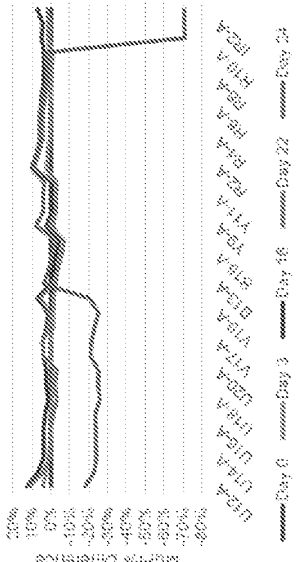
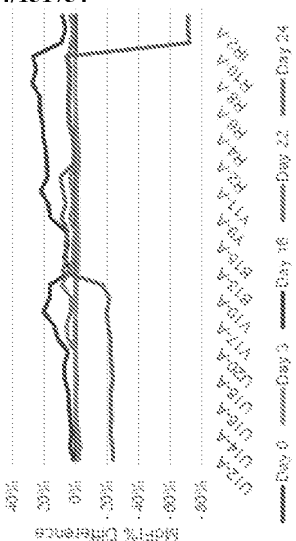
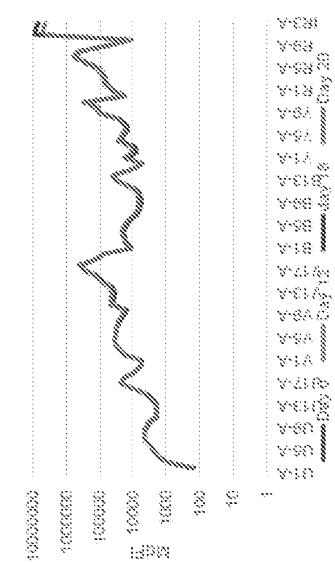


FIG. 4S

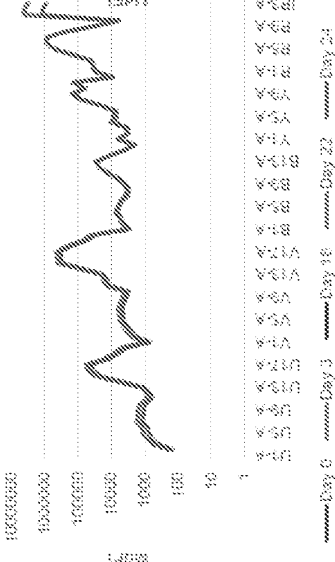
Aqua Green



Jade



Cy Green



Aqua

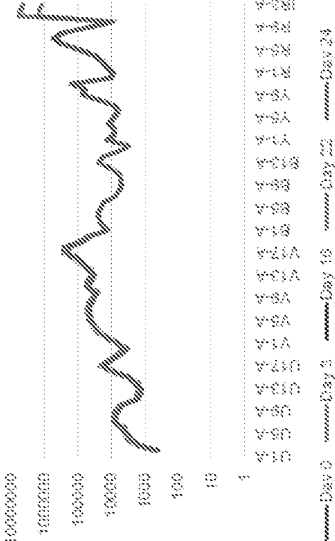


FIG. 4P

FIG. 4R

FIG. 4T

FIG. 5A

Set 7.2 p7 0.5mL EH9 Day 4

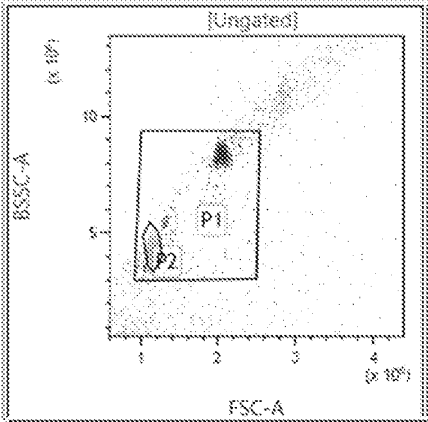


FIG. 5B

Set 7.2 p7 1mL EH9 Day 4

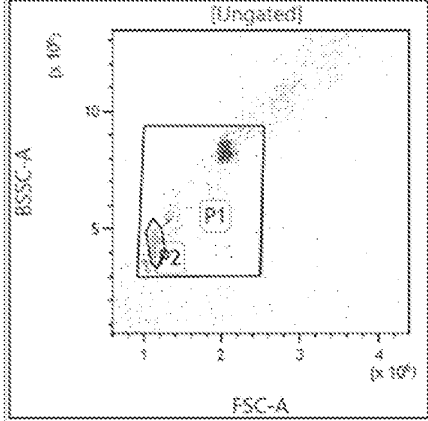


FIG. 5C

Set 7.2 p7 2.5mL EH9 Day 4

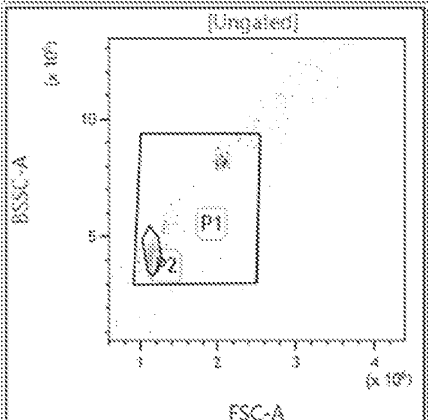


FIG. 5F

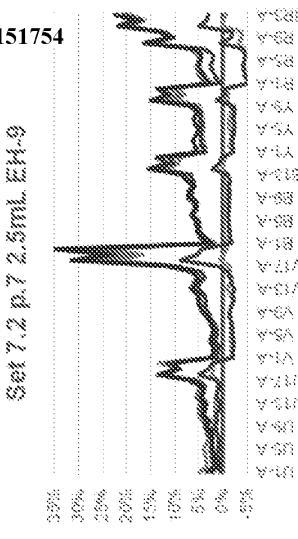


FIG. 5E

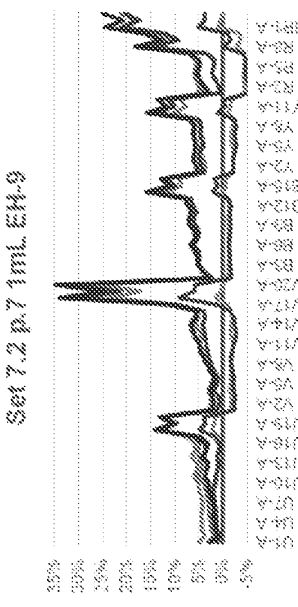
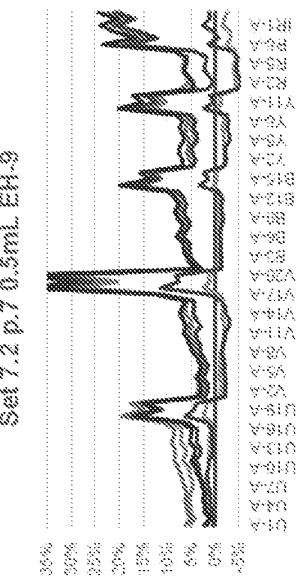
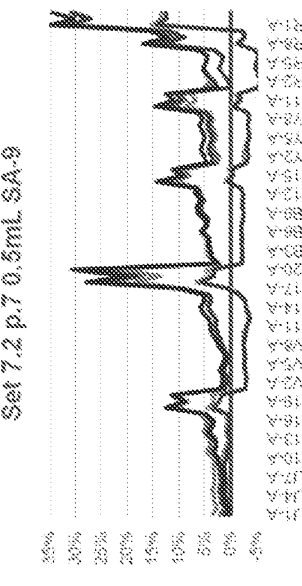


FIG. 5D

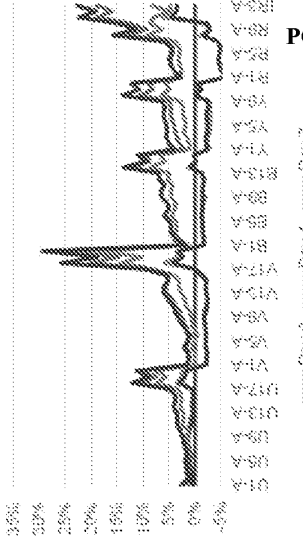
MdFI % Difference- EH9



MdFI % Difference- SA-9



Set 7.2 p.7 2.5mL SA-9



Set 7.2 p.7 1mL SA-9

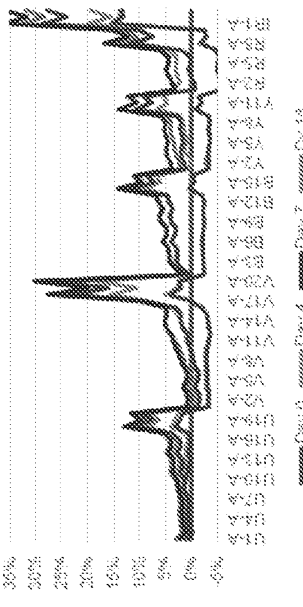


FIG. 5I

FIG. 5H

FIG. 5G

FIG. 5J

Set 7.2 p.7 0.5ml EH-9

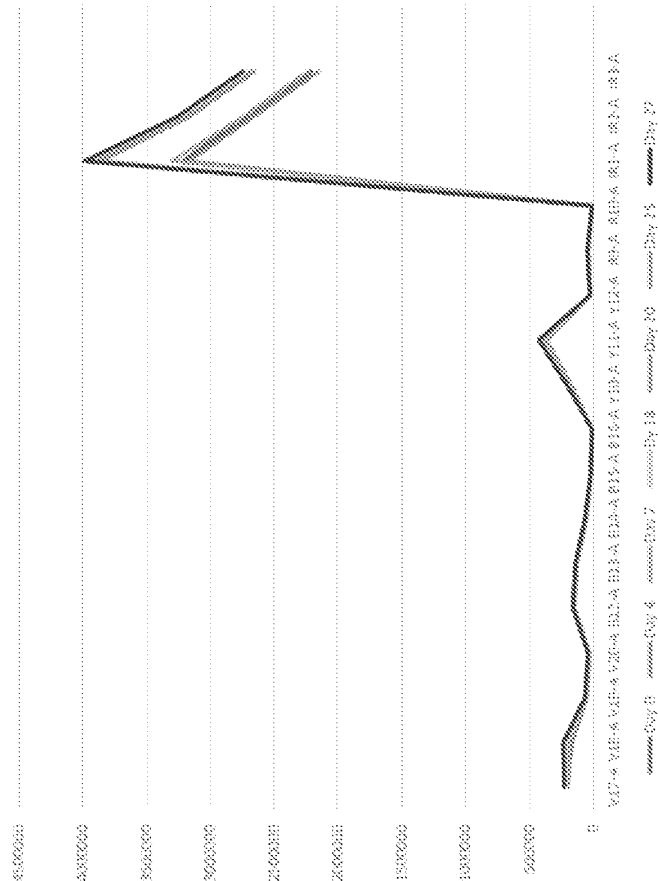


FIG. 5K

Set 7.2 p.7 2.5ml EH-9

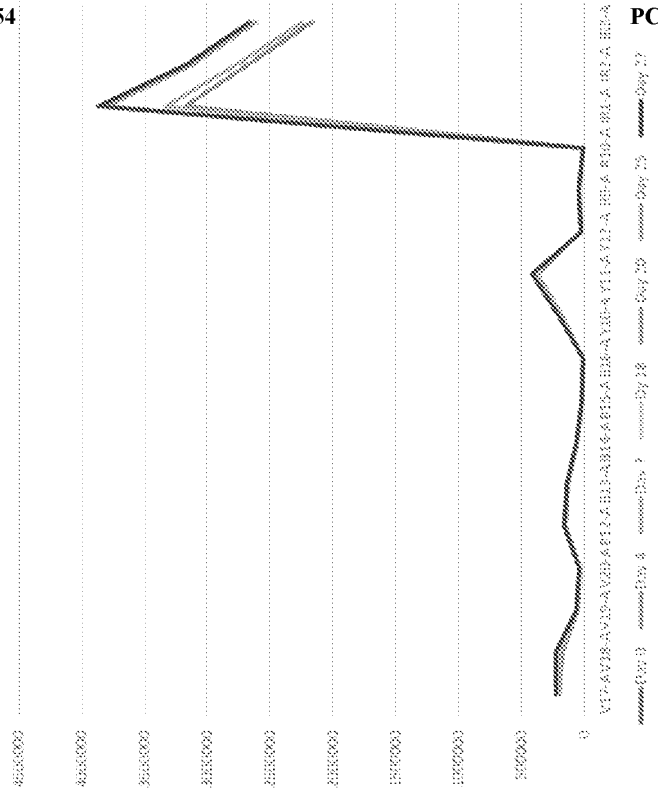
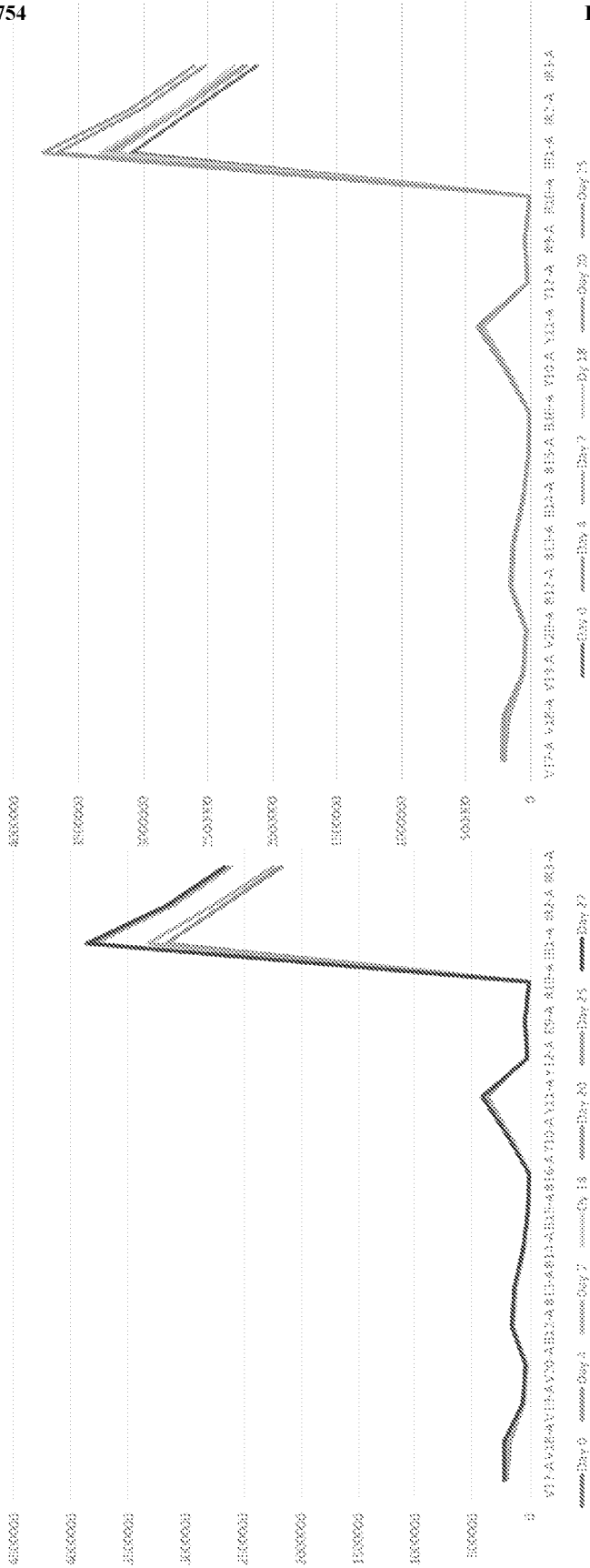
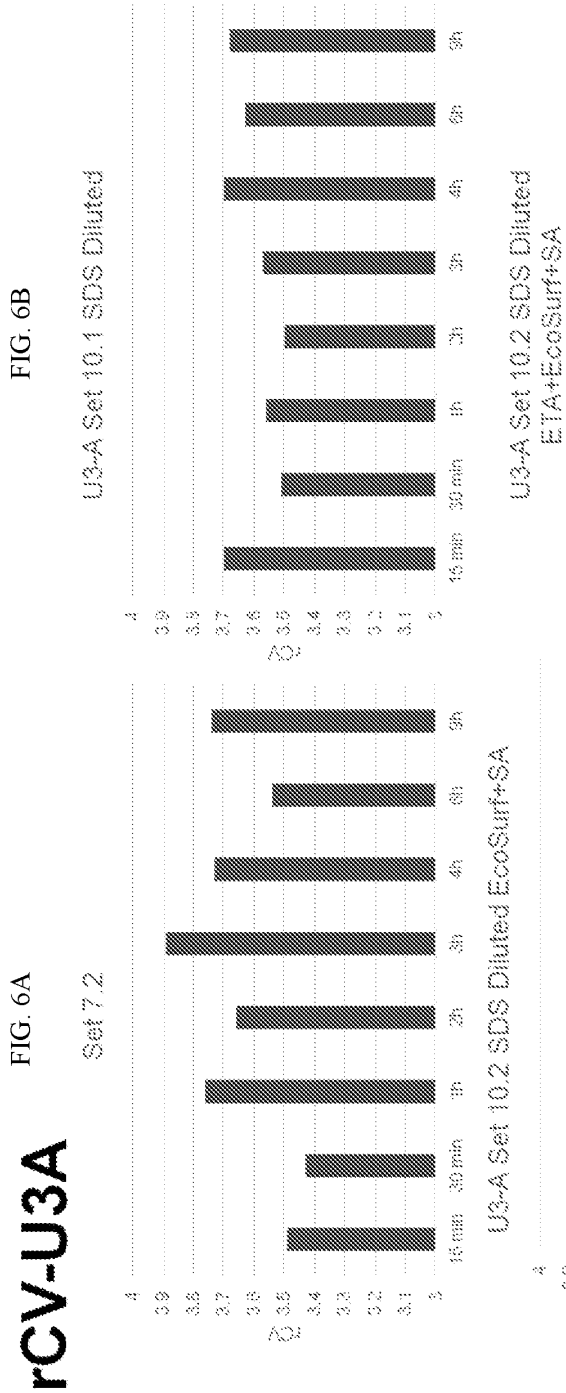


FIG. 5L
Set 7.2 p.7 2.5mL EH-9



*Day 27 2.5mL 5A9 data was not successfully collected



rCV-V3A
FIG. 7A
Set 7.2

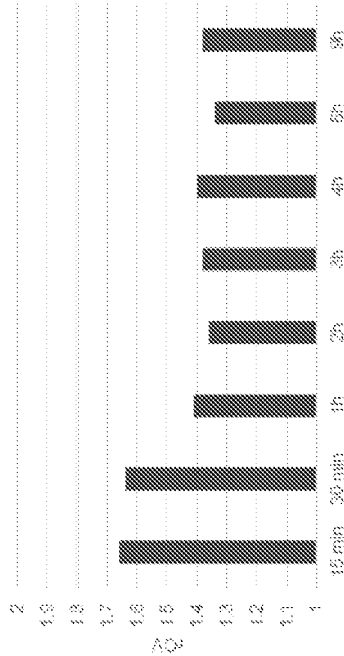
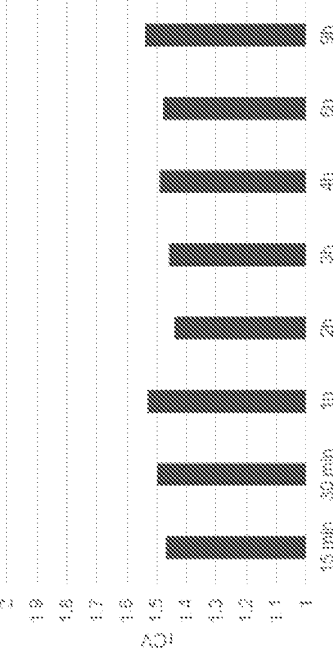


FIG. 7B
Set 10.1 SDS Diluted



Set 10.2 SDS Diluted EcoSurf+SA

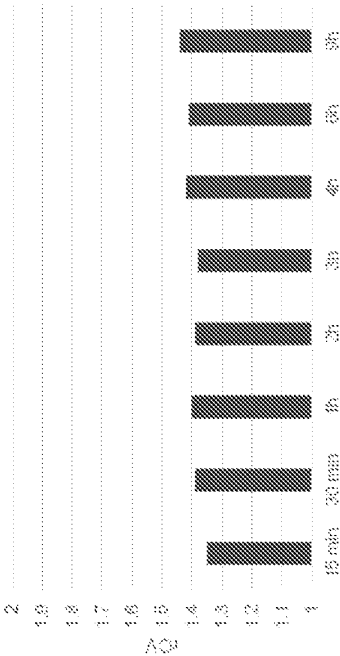


FIG. 7C

Set 10.2 SDS Diluted ETA+EcoSurf+SA

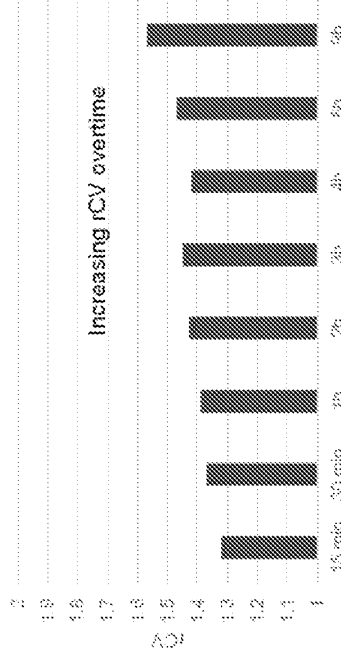


FIG. 7D

rCV-B3A FIG. 8A

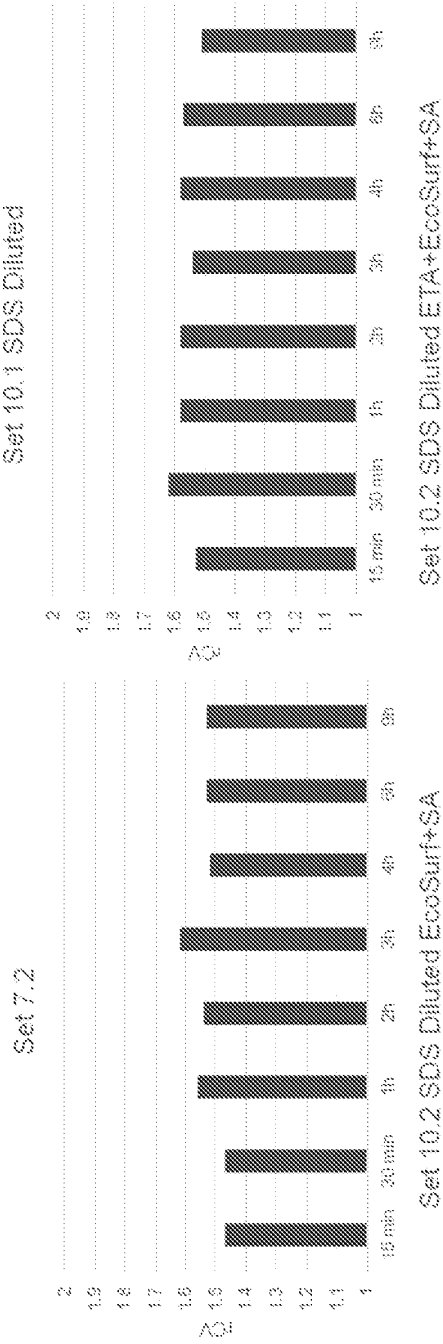


FIG. 8B

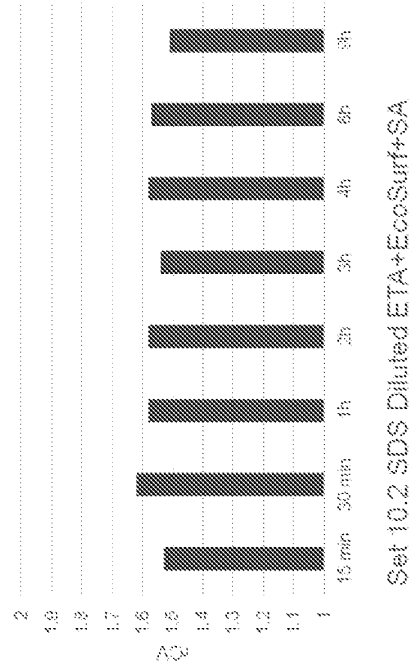


FIG. 8C

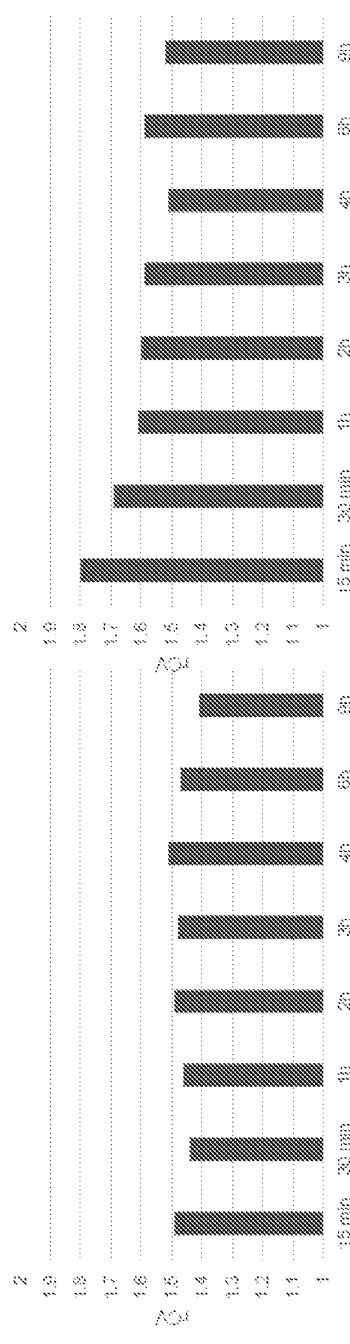


FIG. 8D

rCV-Y3A FIG. 9A
Seq 72

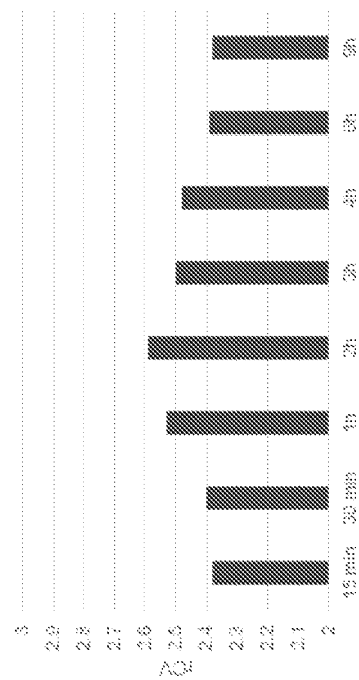
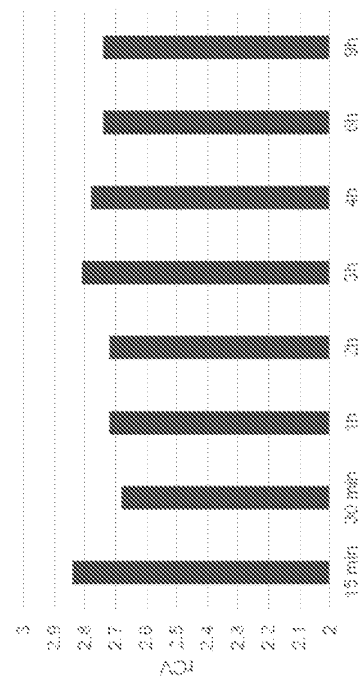


FIG. 9B

Set 10.1 SDS Diluted



Set 10.2 SOS Oiled EcoSurt+SA



Oct 10 2 50 PM EDT ET+ECurt+SA

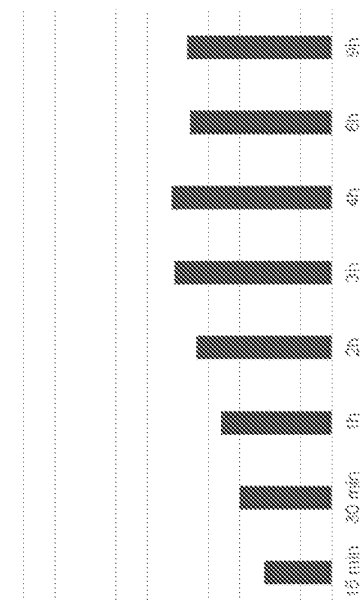
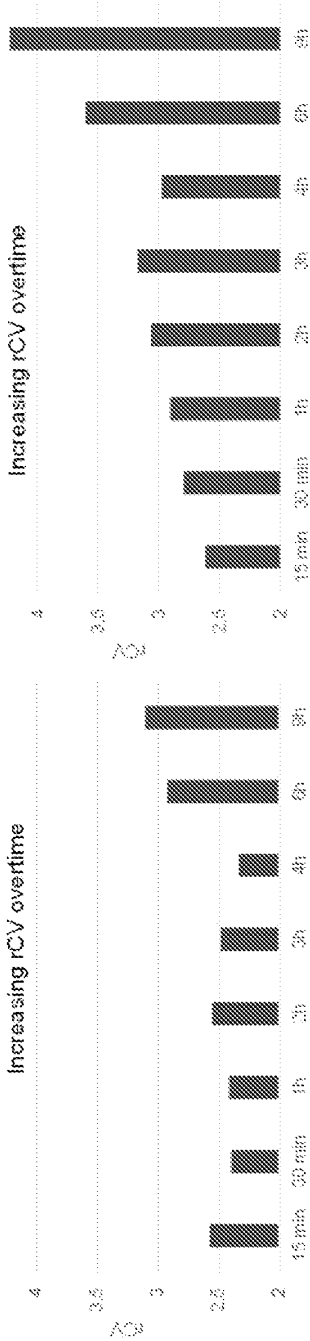
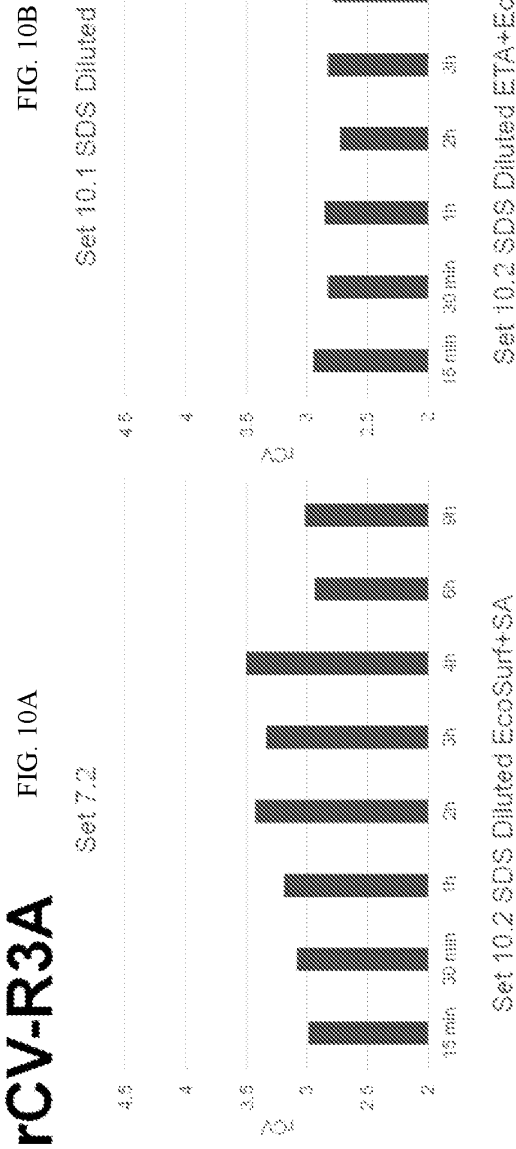
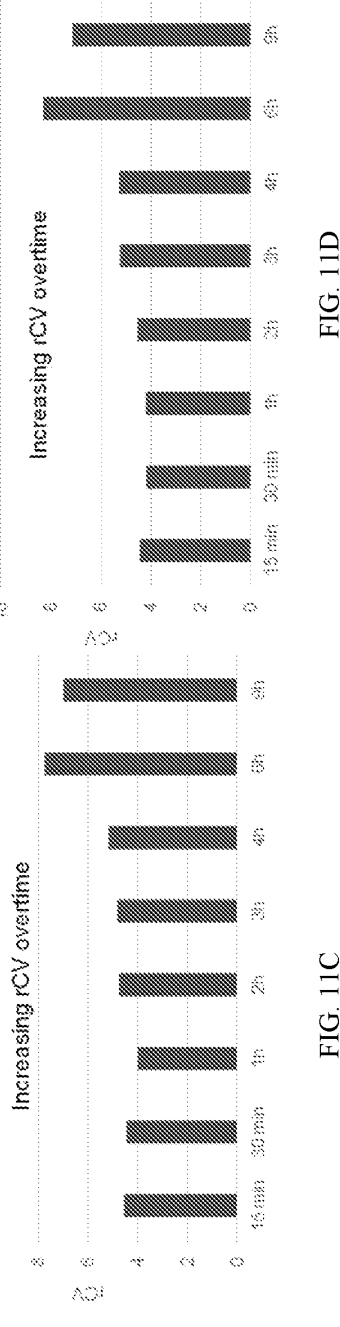
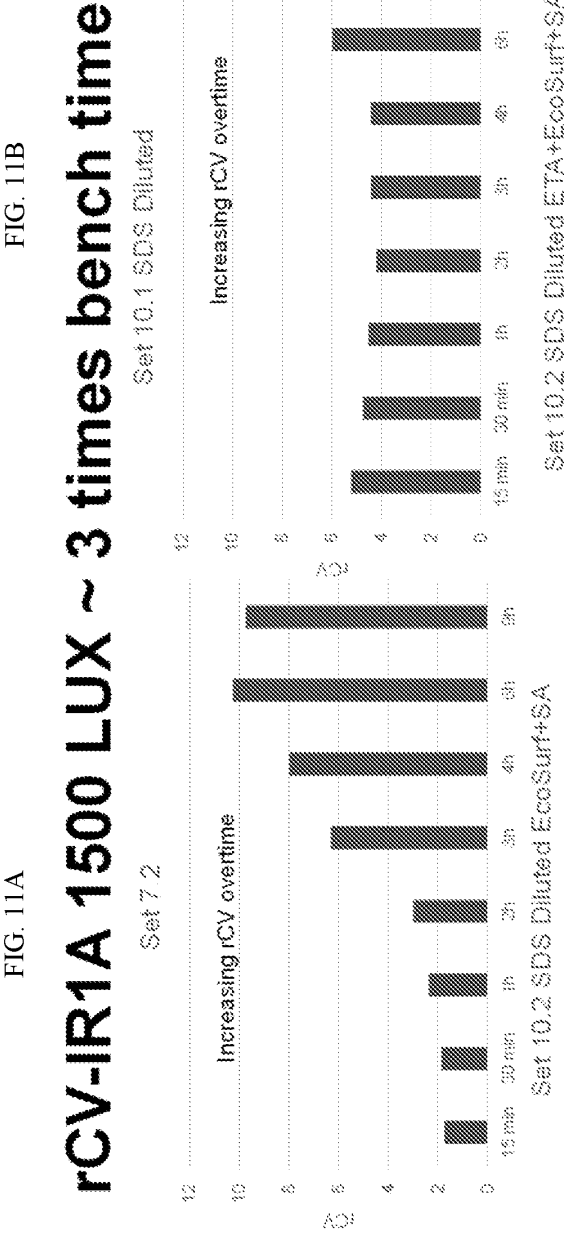


FIG. 9C

FIG. 9D





MdFI of samples in IR1 and IR2

FIG. 12A

FIG. 12B

FIG. 12C

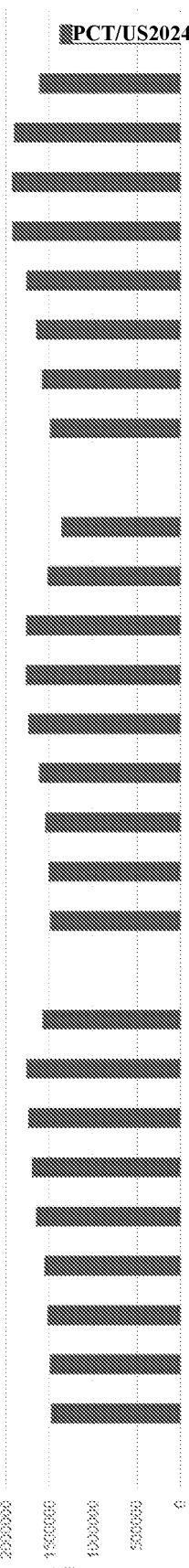
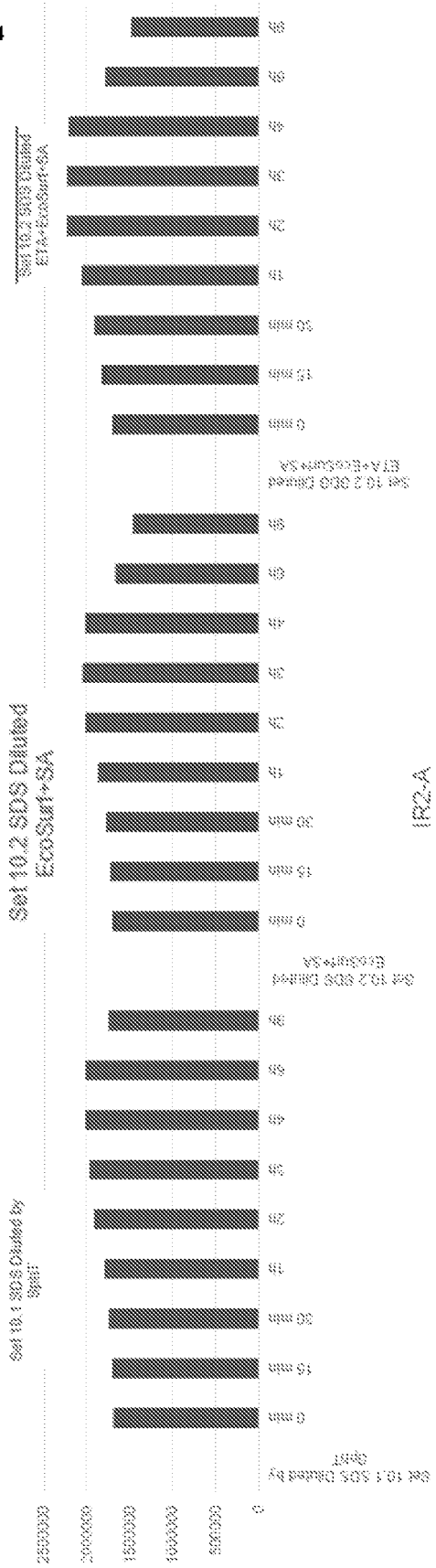
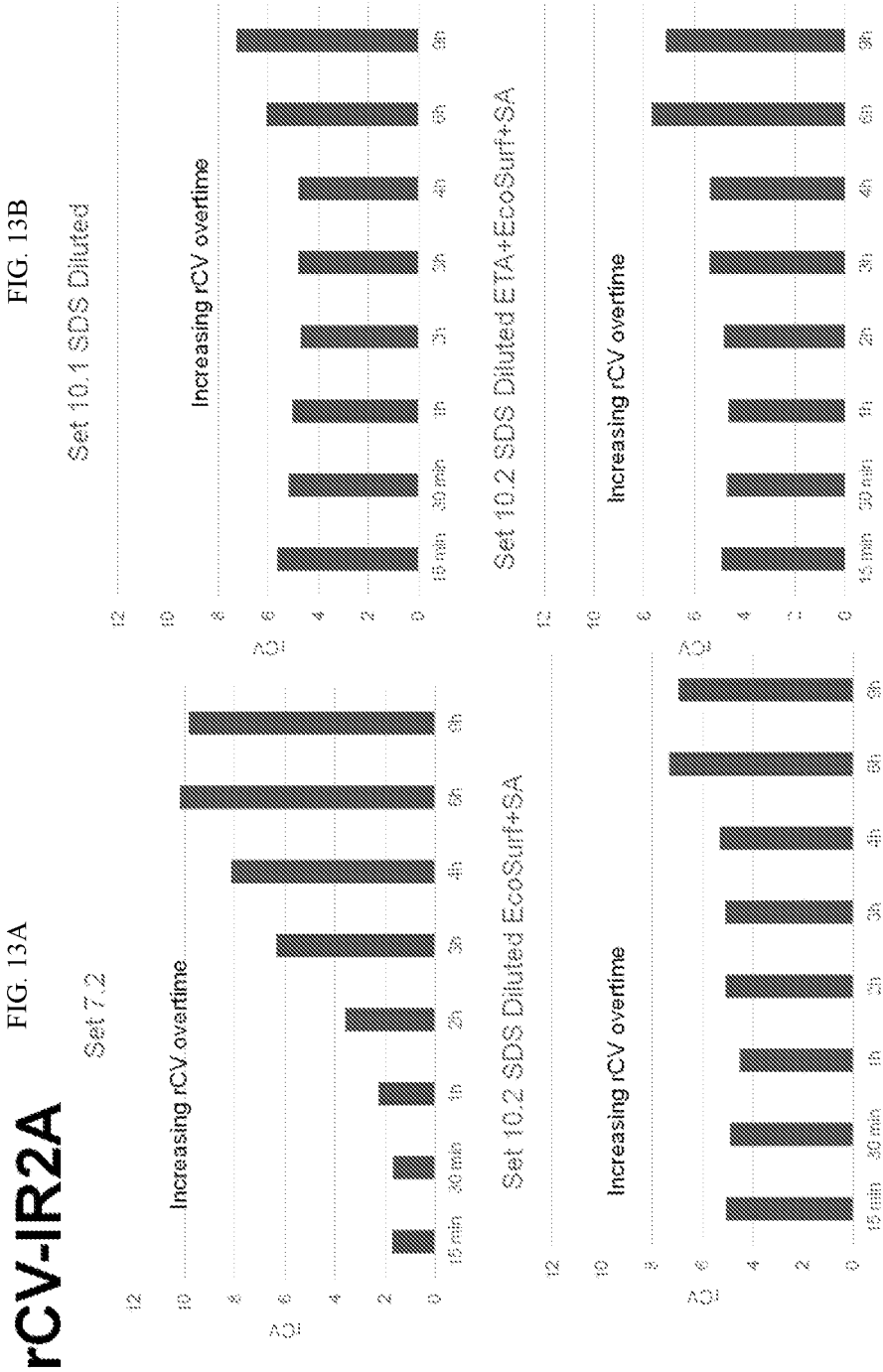


FIG. 12D

FIG. 12E

FIG. 12F



rCV-IR3A

FIG. 14A

Set 7.2

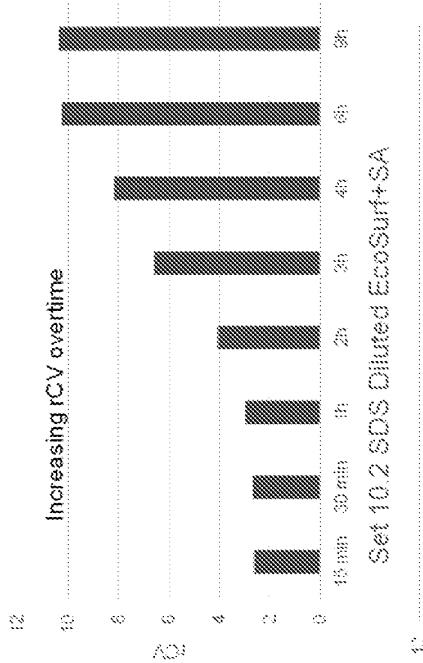


FIG. 14B

Set 10.1 SDS Diluted

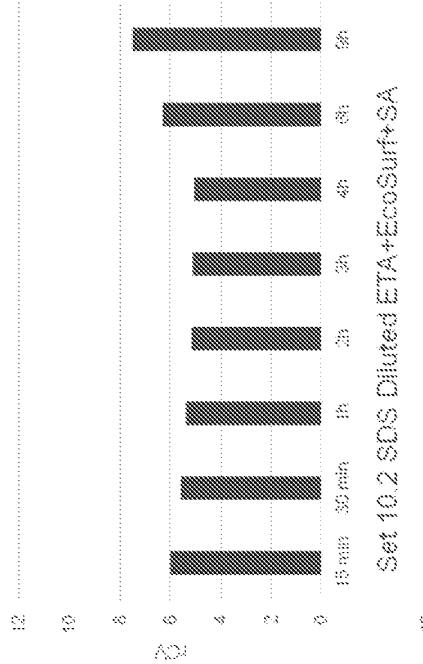


FIG. 14C

Set 10.2 SDS Diluted EcoSurf+SA

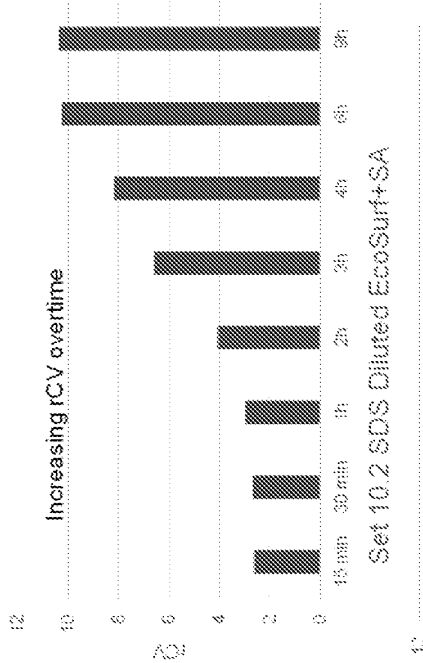
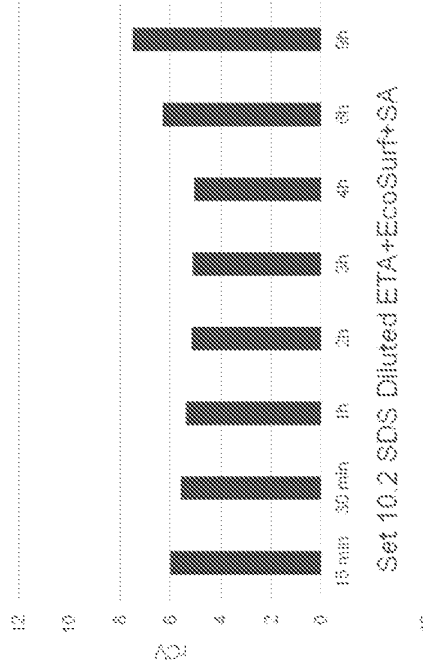


FIG. 14D

Set 10.2 SDS Diluted ETA+EcoSurf+SA



MdFI Set 10.1 IR1 3500LUX ~7 times the time in bench

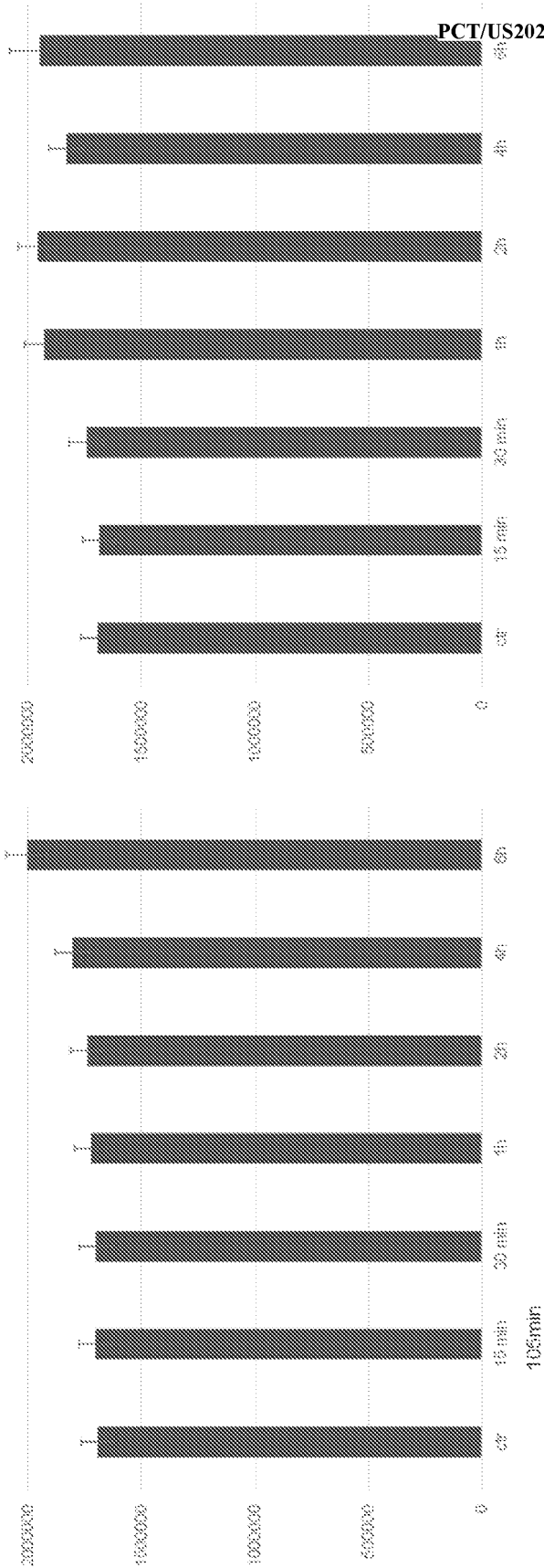
FIG. 15A

Set 10.1 SDS Diluted ctr



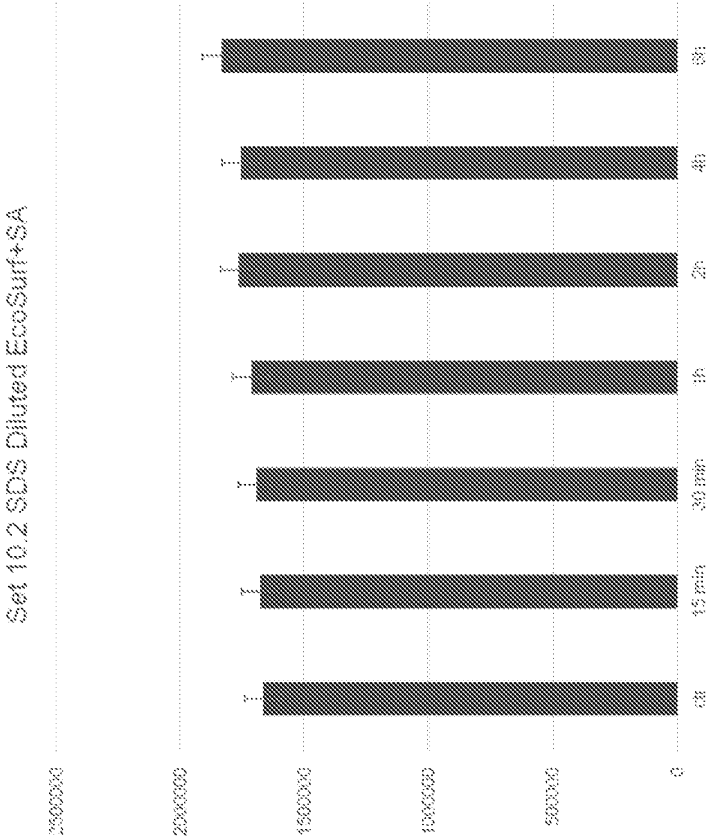
FIG. 15B

Set 10.1 SDS Wash+Resuspended in EcoSurf+SA



MdFI Set 10.2 SDS IR1

FIG. 15C



MdFI Set 10.2 SDS -> ETA+EcoSurf eh9 IR1

FIG. 15D

Set 10.2 SDS Diluted ETA+EcoSurf+SA

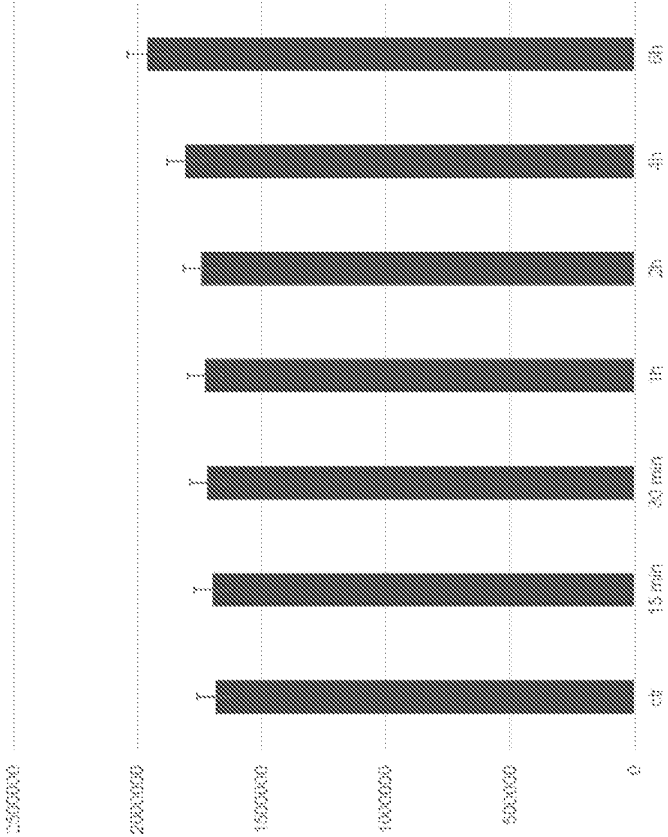
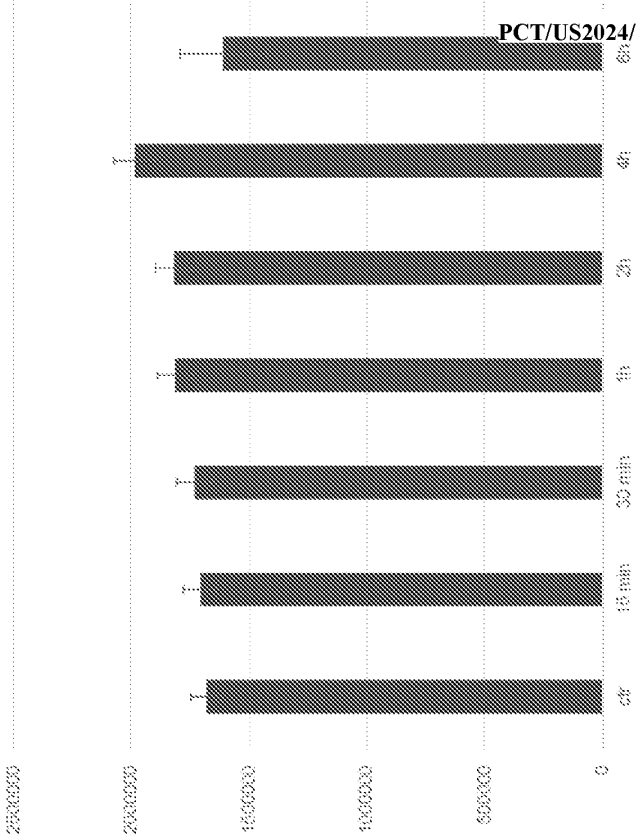


FIG. 15E

Set 10.2 SDS Washed+Resuspended in
ETA+EcoSurf+SA pH7



MdFI Set 10.1 IR2

FIG. 15F

Set 10.1 SDS Diluted

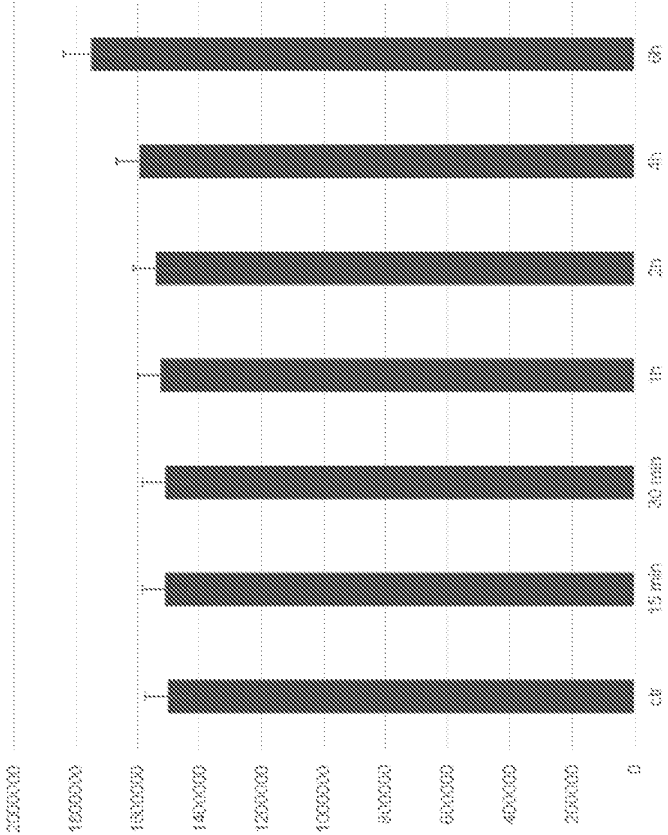
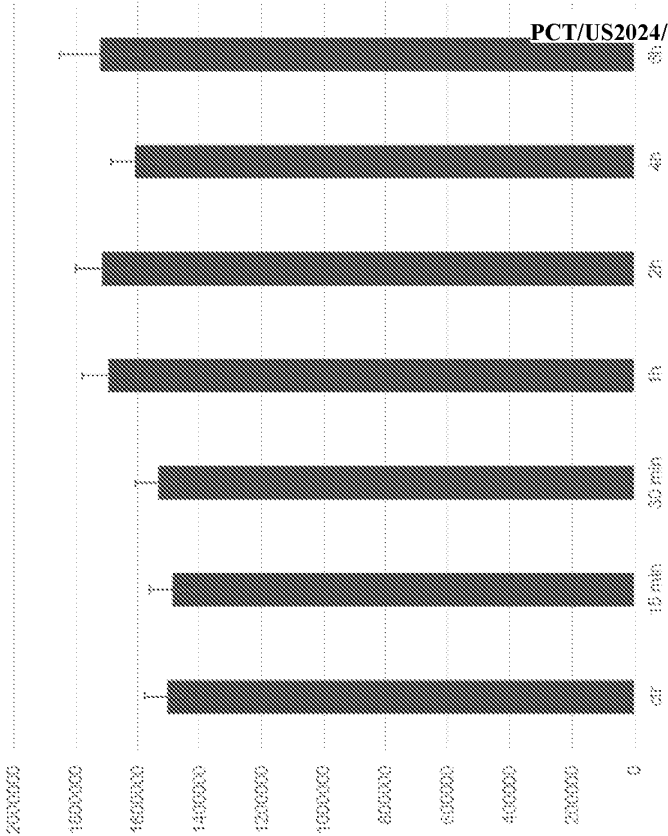


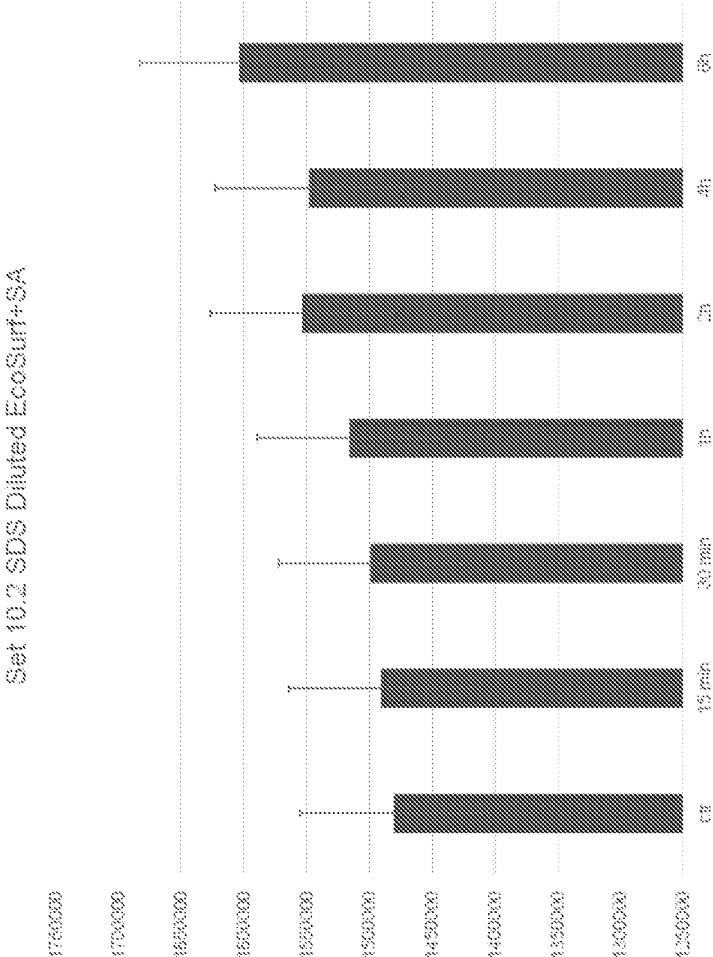
FIG. 15G

Set 10.1 SDS Wash+Resuspended in EcoSurf-SA



MdFI Set 10.2 SDS IR2

FIG. 15H



MdFI Set 10.2 SDS -> ETA+EcoSurf eh9 IR2

FIG. 15I

Set 10.2 SDS Diluted ETA+EcoSurf+SA

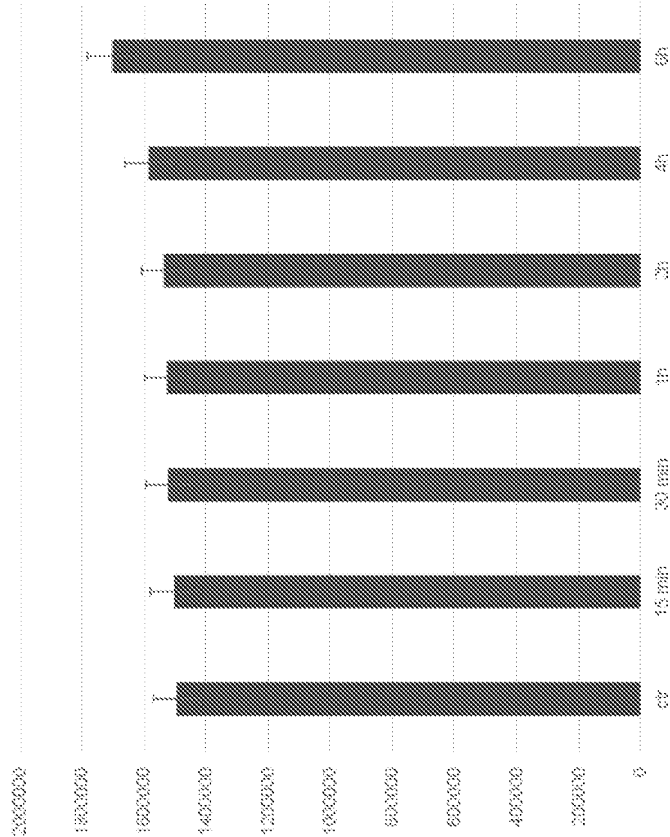


FIG. 15J

Set 10.2 SDS Washed+Resuspended in
ETA+EcoSurf+SA pH7

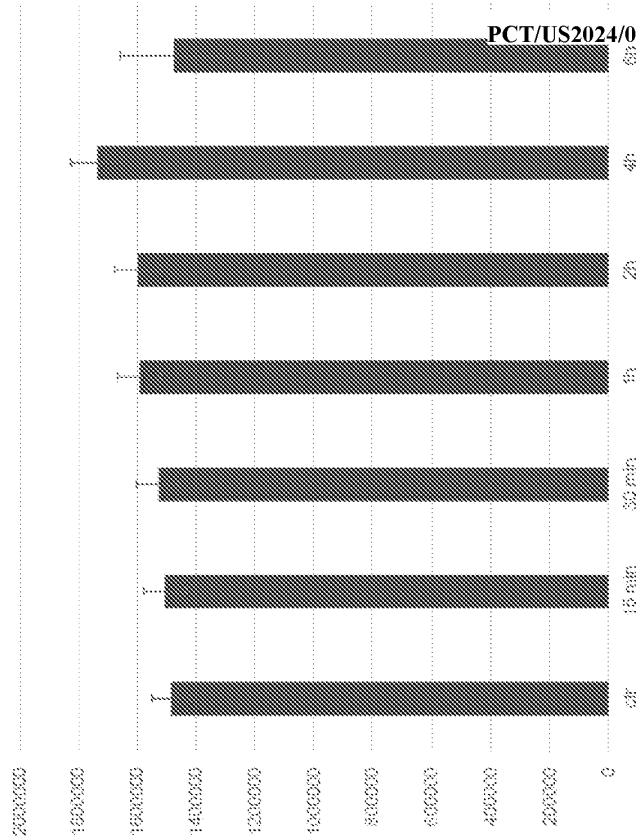
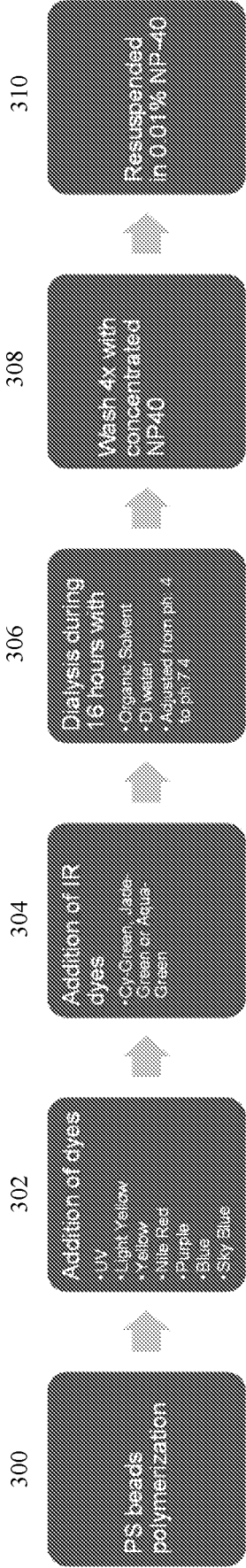


FIG. 16



MdFI for P2

FIG. 17A

220

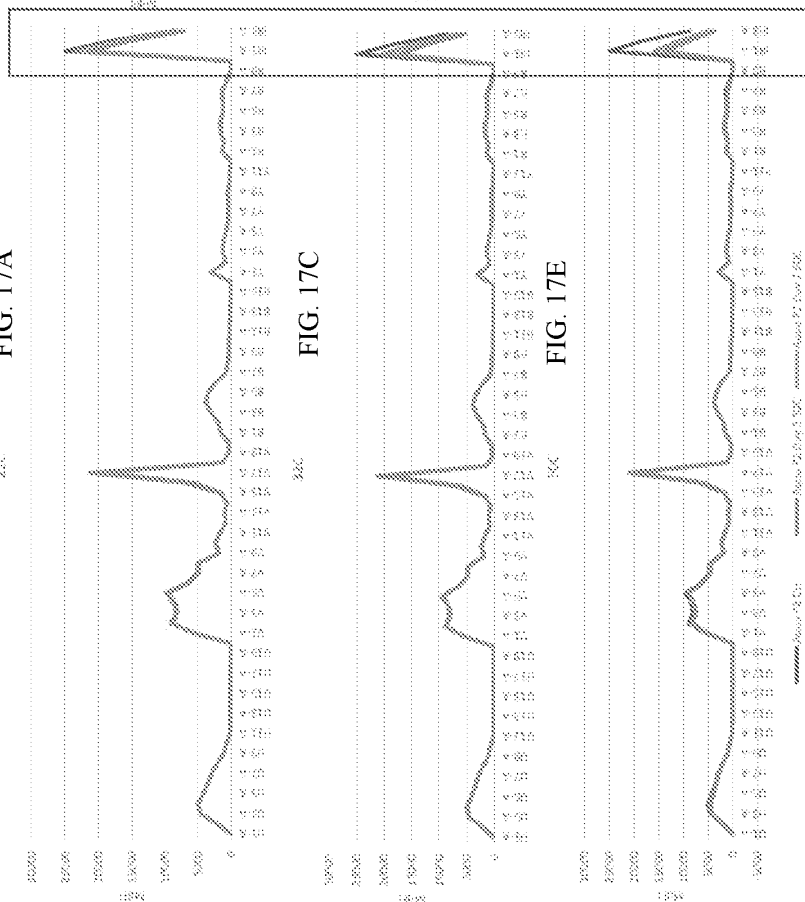


FIG. 17B

220

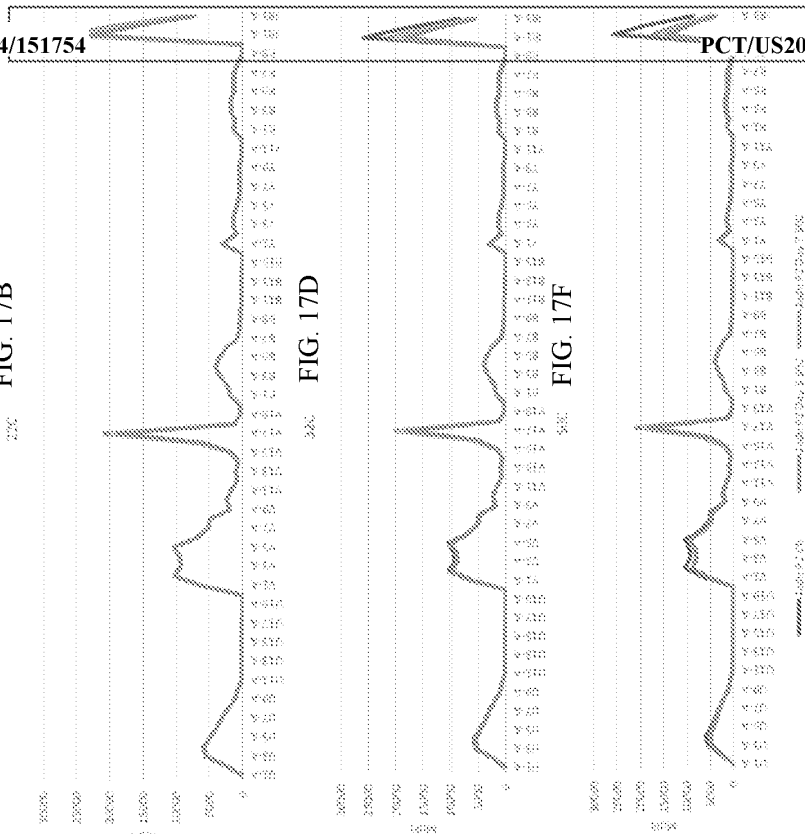


FIG. 17C

220



FIG. 17D

220



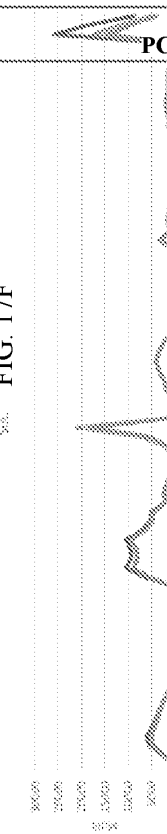
FIG. 17E

220



FIG. 17F

220



MdFI for P4

FIG. 17G

22°C

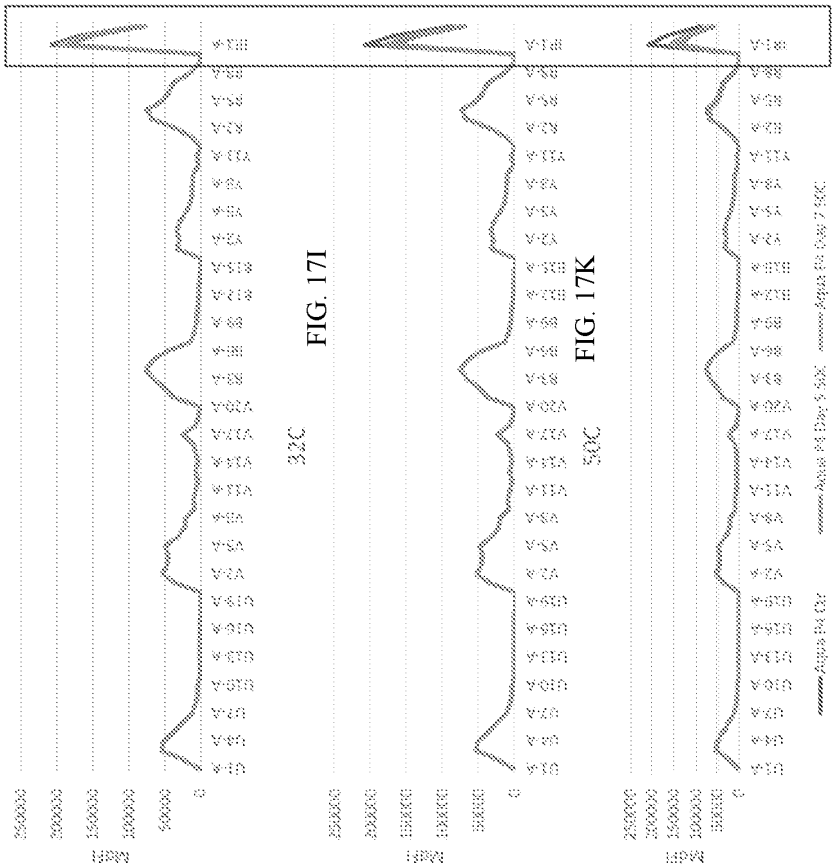


FIG. 17H

22°C

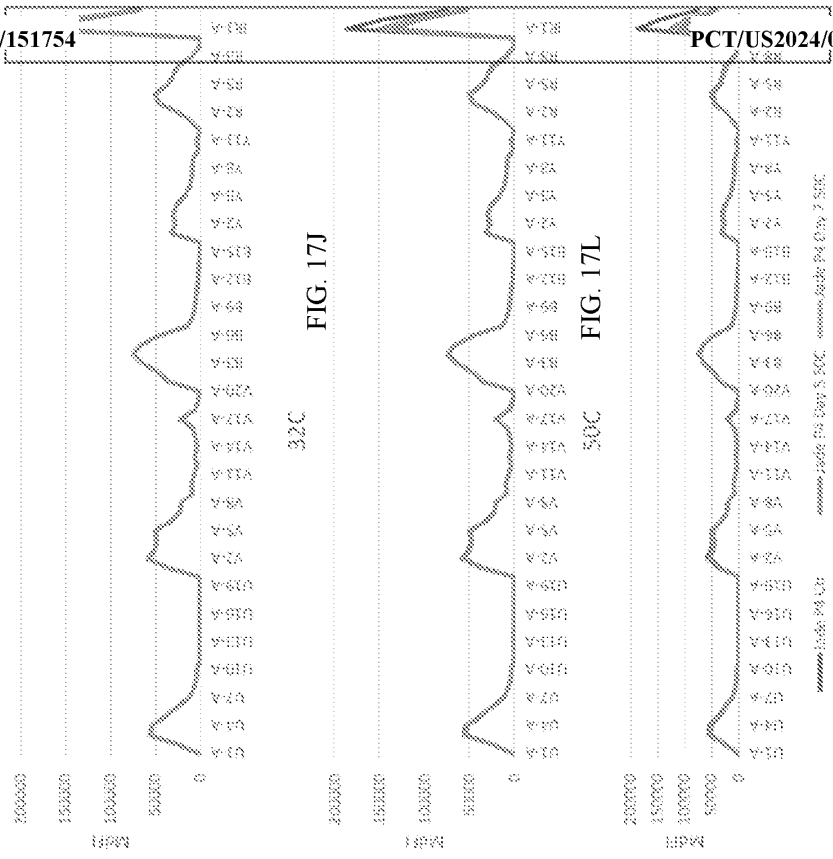


FIG. 17I

32°C

FIG. 17J

32°C

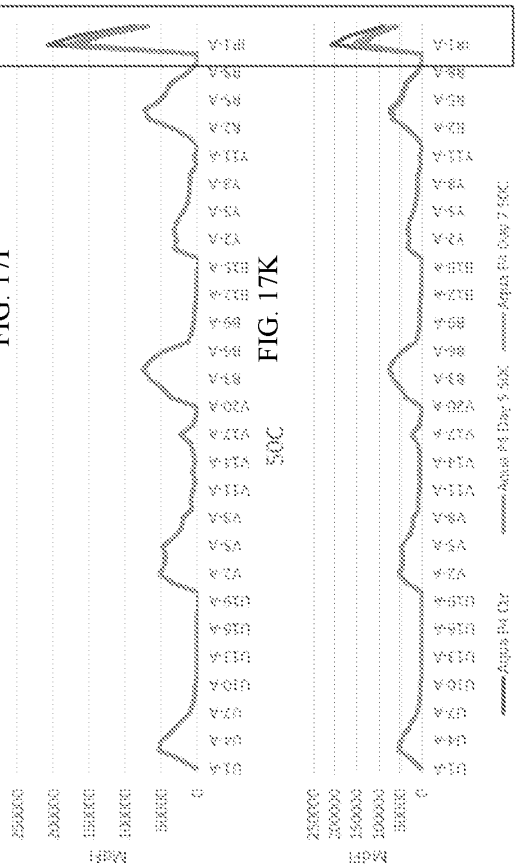


FIG. 17J

32°C

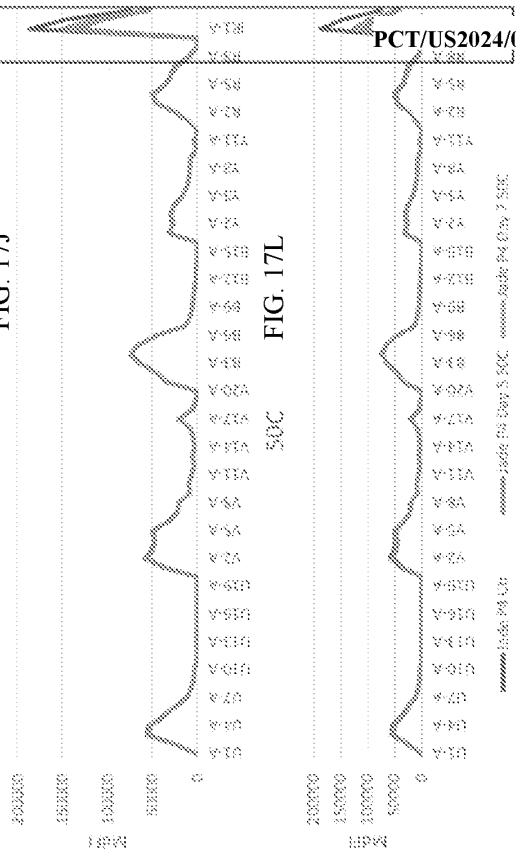
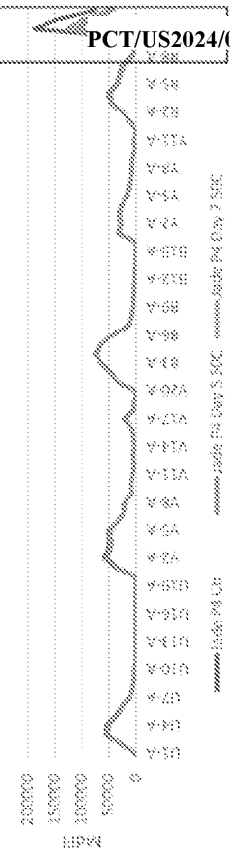
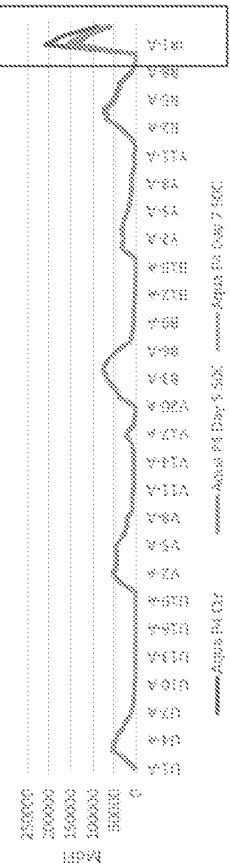


FIG. 17K

50°C

FIG. 17L

50°C



MdFI for P7

FIG. 17M

240

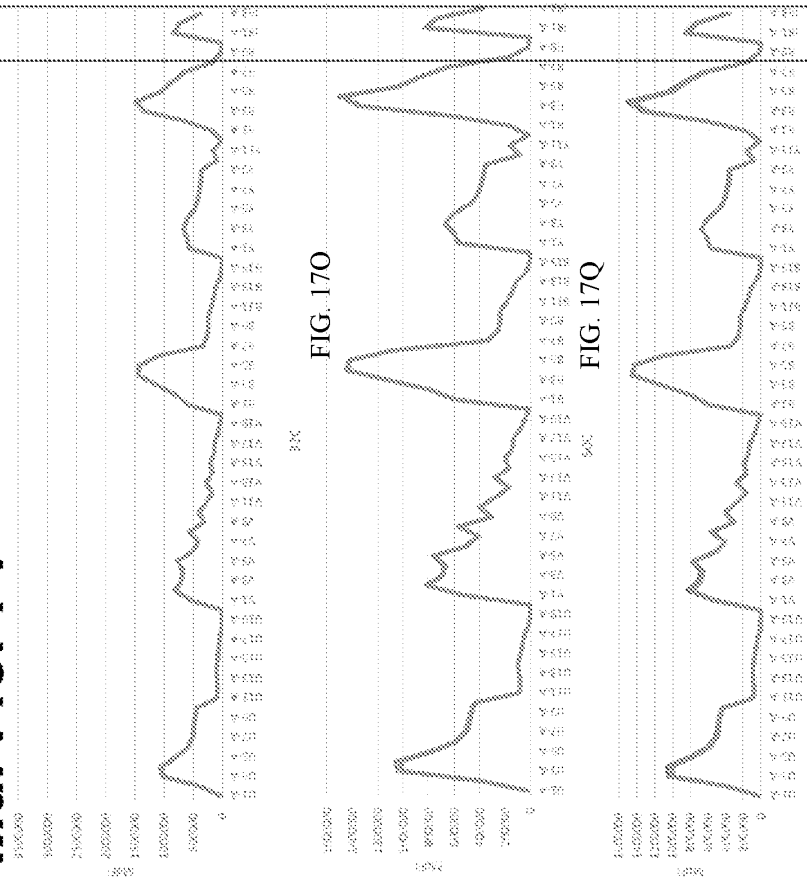


FIG. 17N

240

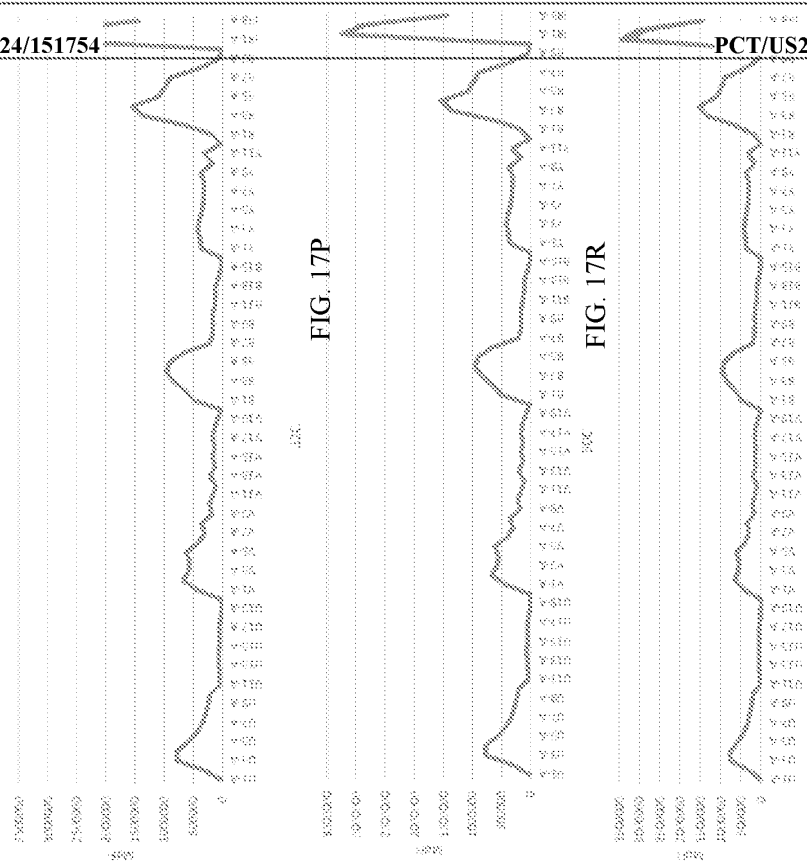


FIG. 17O

240

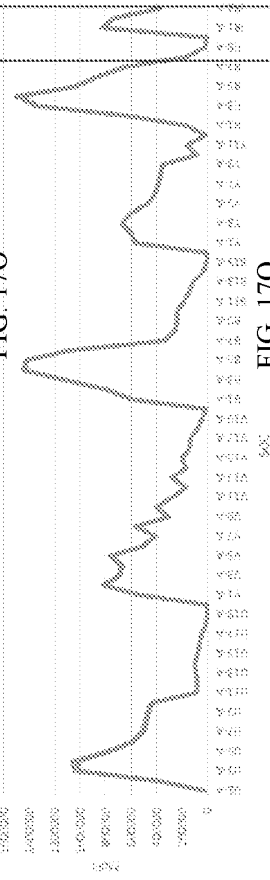


FIG. 17P

240

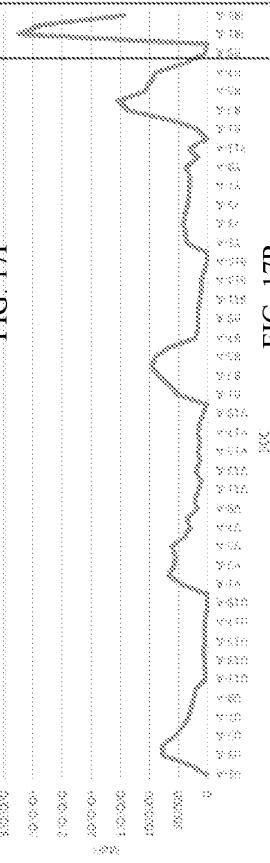


FIG. 17Q

240

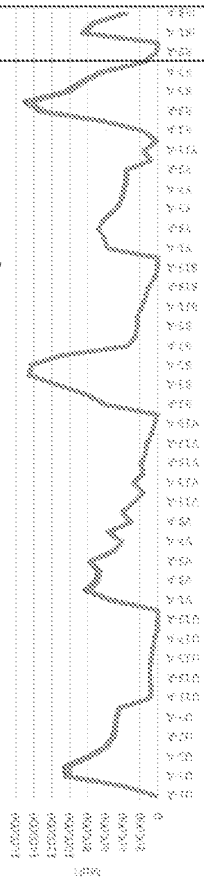
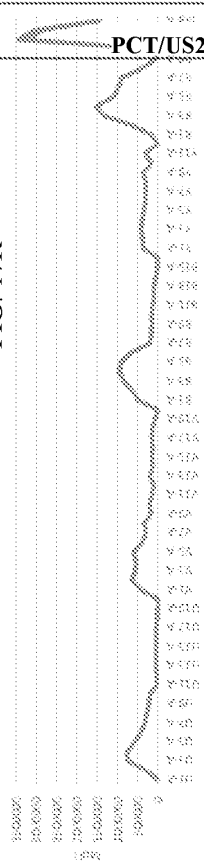


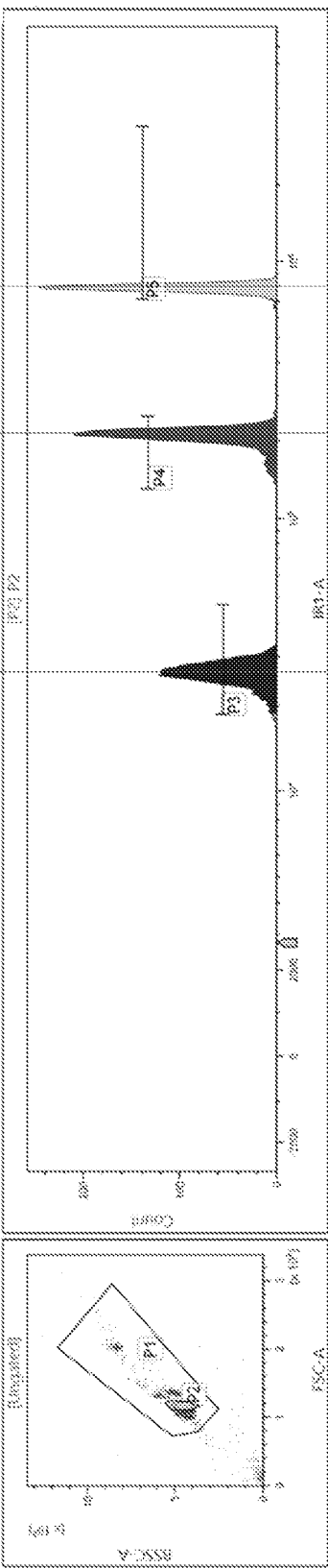
FIG. 17R

240

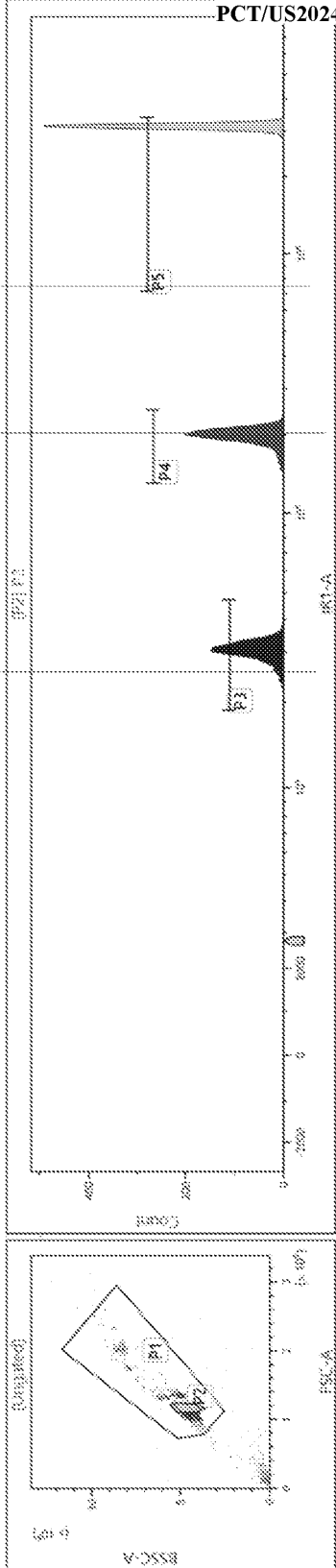


Differences in P2, P4, and P7 in Jade and Aqua

Aqua FIG. 17S



Jade FIG. 17T



Differences in P2, P4, and P7 in Jade and Aqua

