

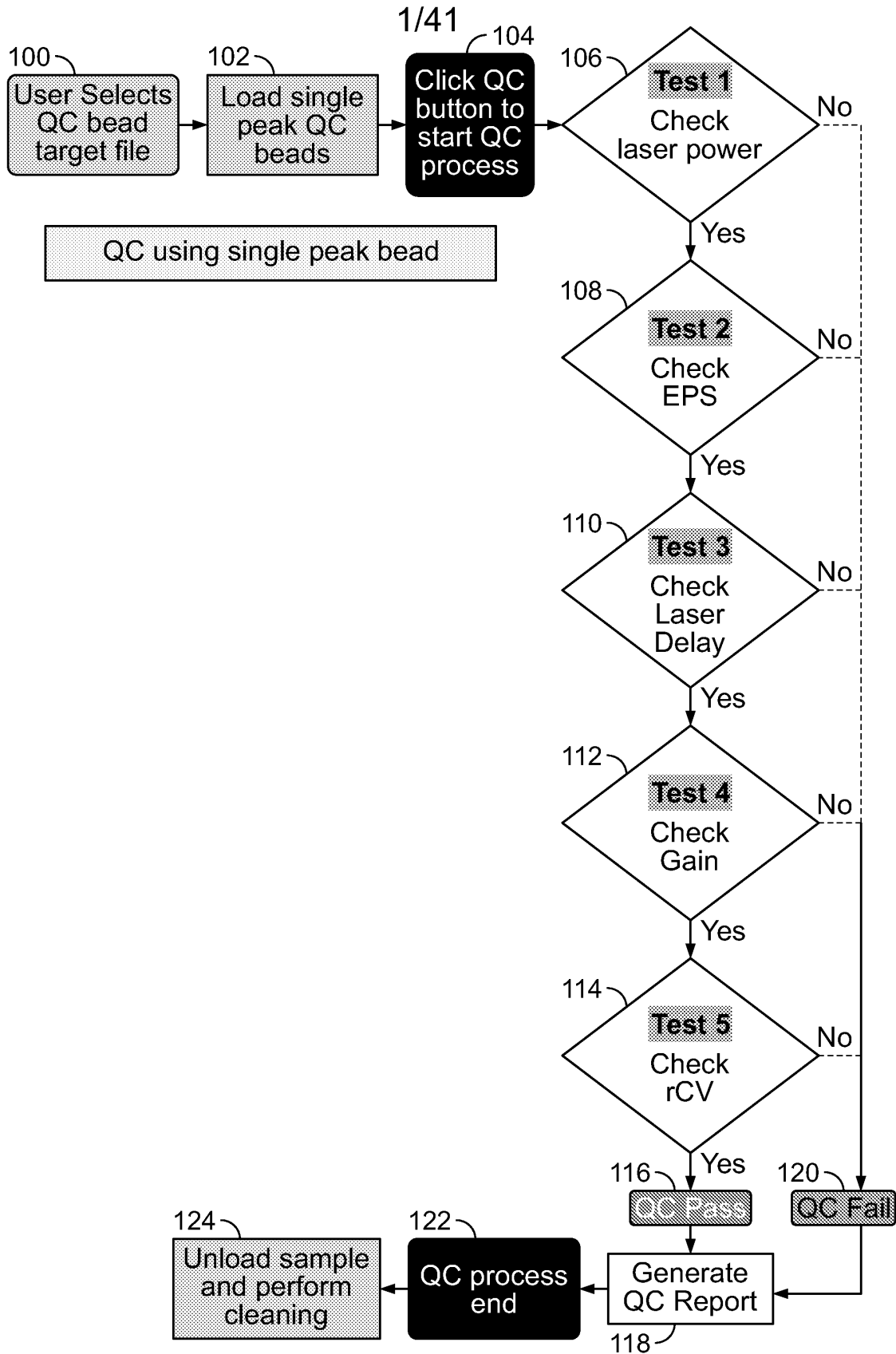


FIG. 1

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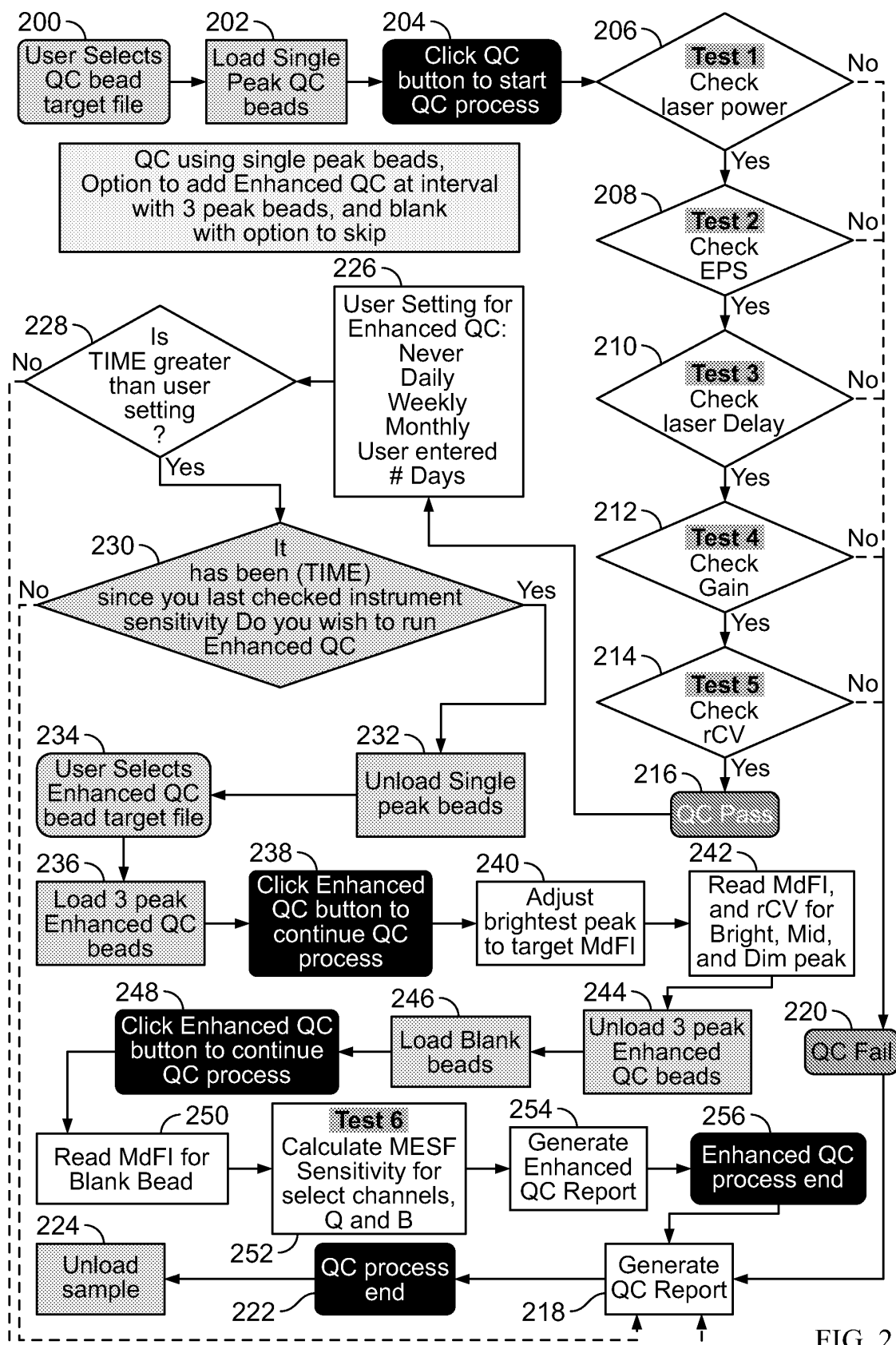


FIG. 2

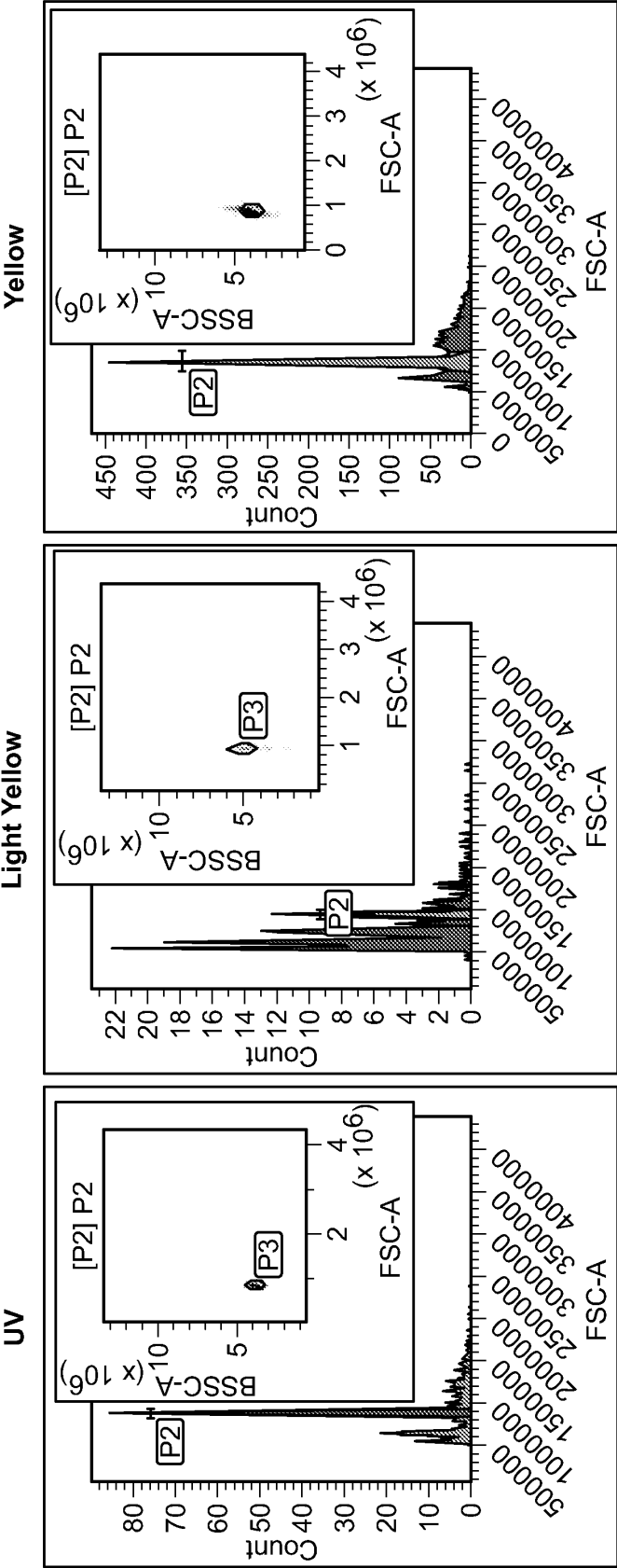


FIG. 3C

FIG. 3B

FIG. 3A

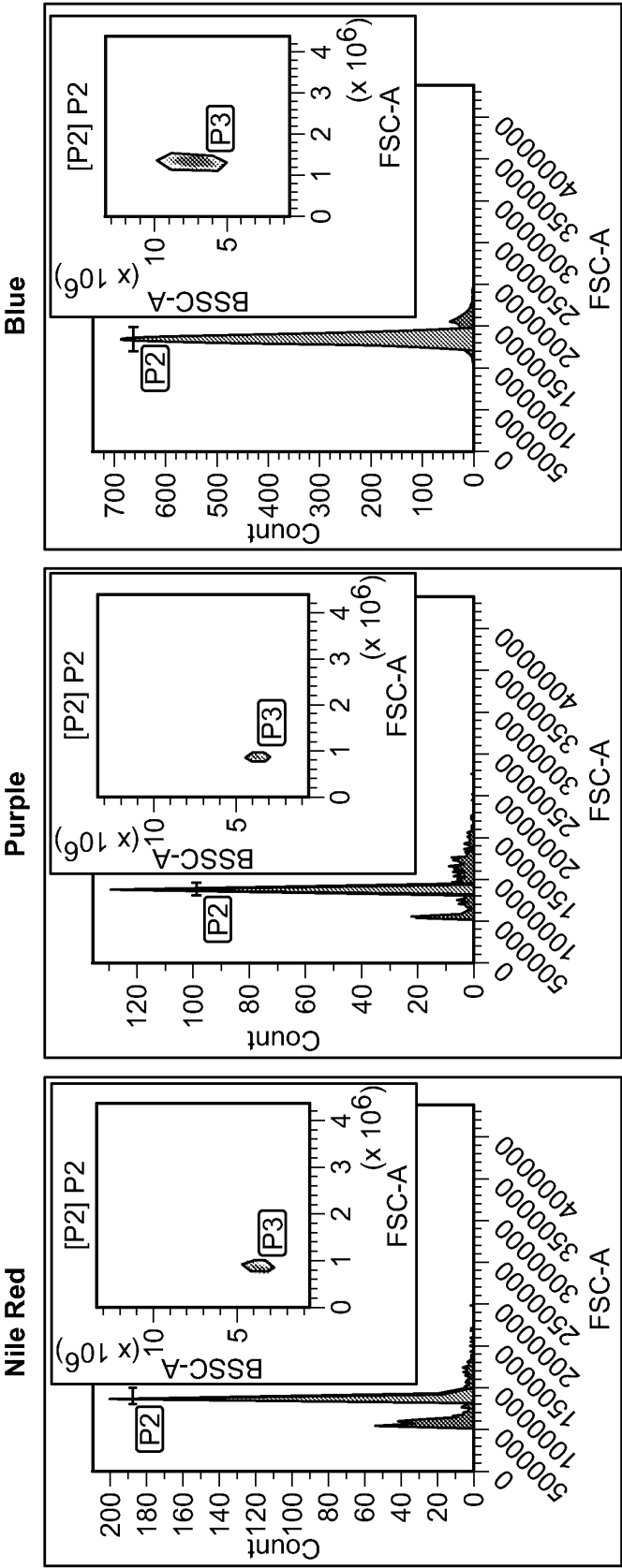


FIG. 3F

FIG. 3E

FIG. 3D

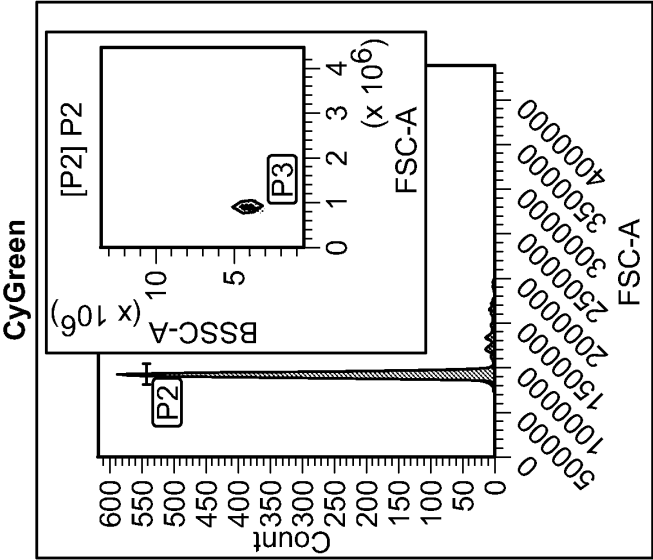


FIG. 3I

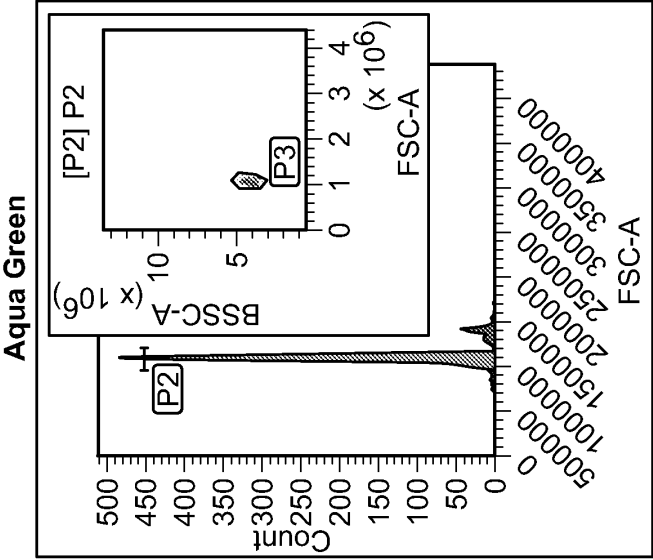


FIG. 3H

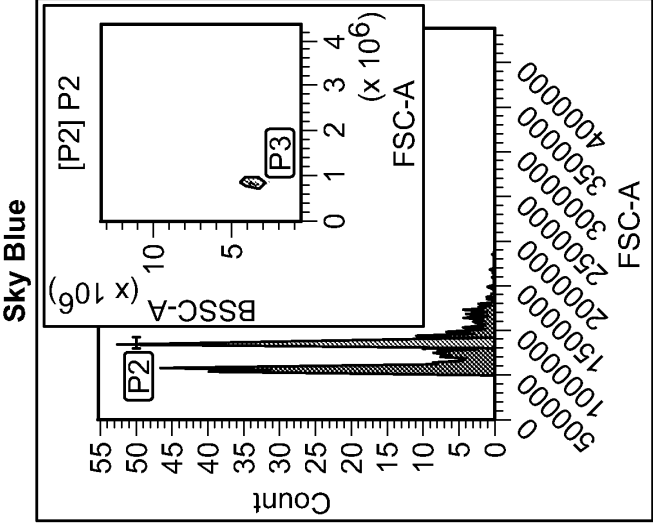
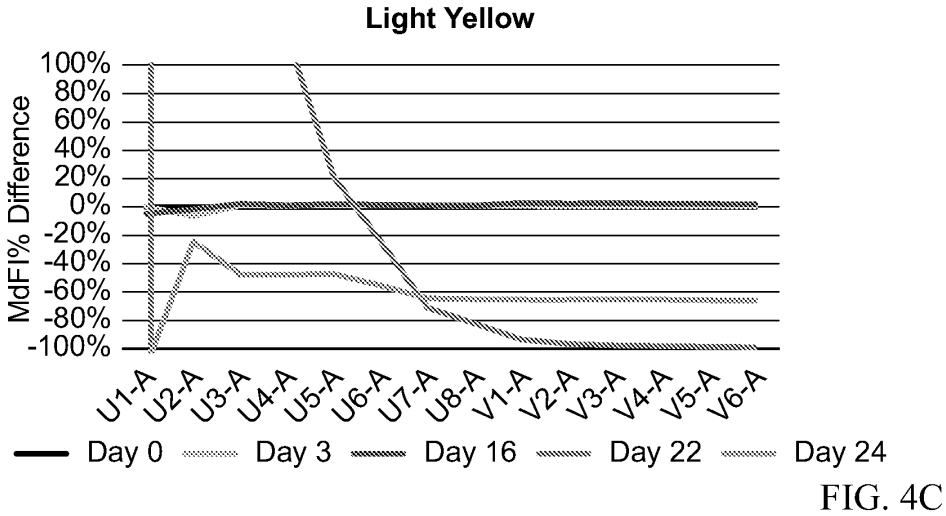
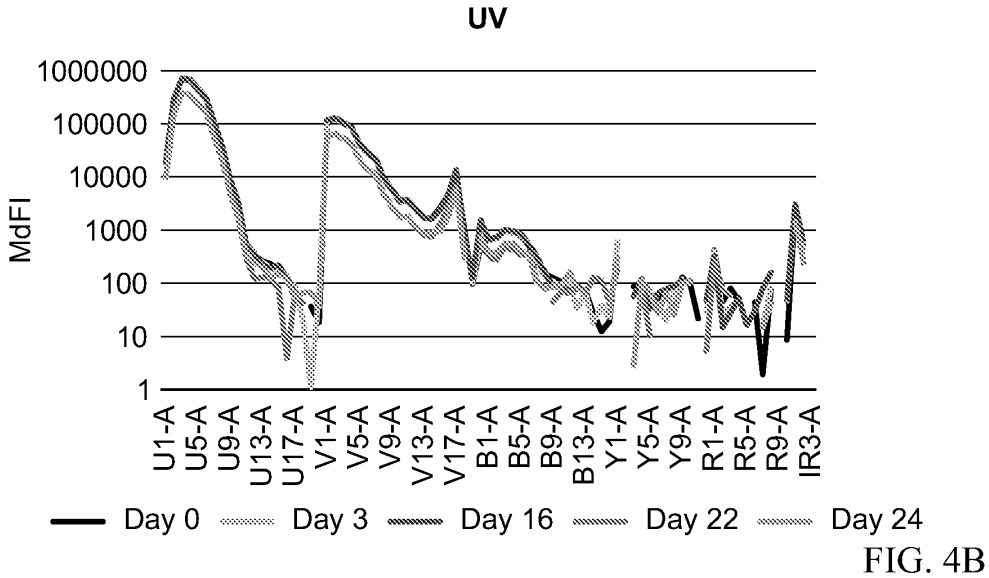
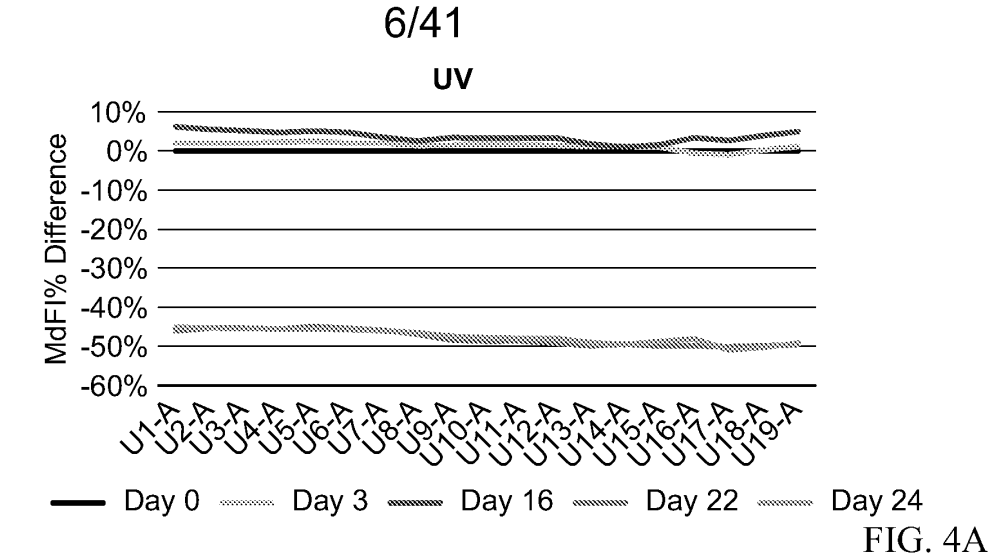


FIG. 3G

	Mean diameter (um)
UV	2.06
Light Yellow	2.16
Yellow	2.00
Nile Red	1.94
Purple	1.97
Blue	3.30
Sky Blue	1.93
Aqua Green	3.00
Cy Green	3.00

FIG. 3J



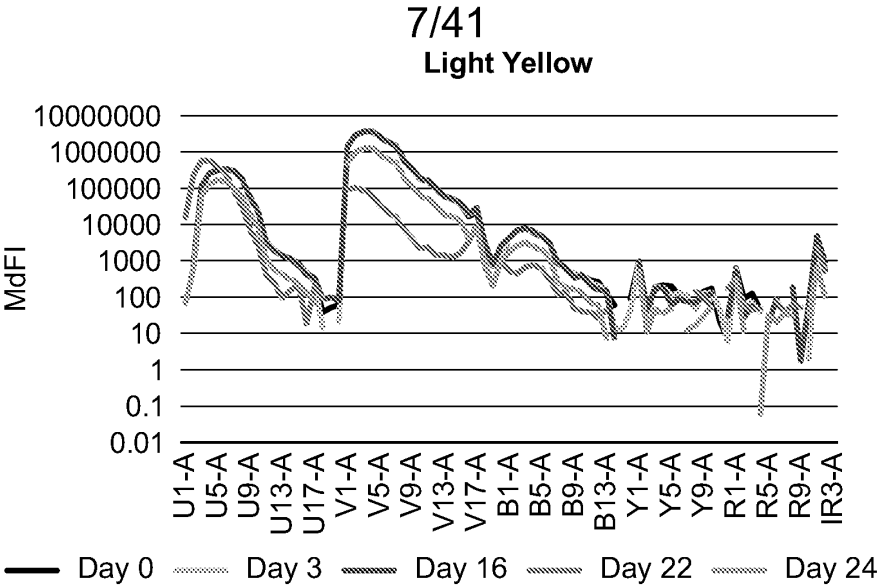


FIG. 4D

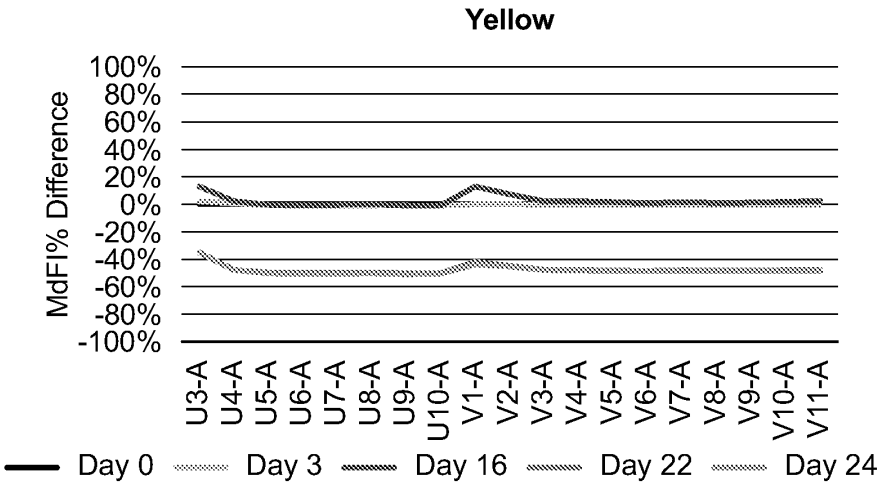


FIG. 4E

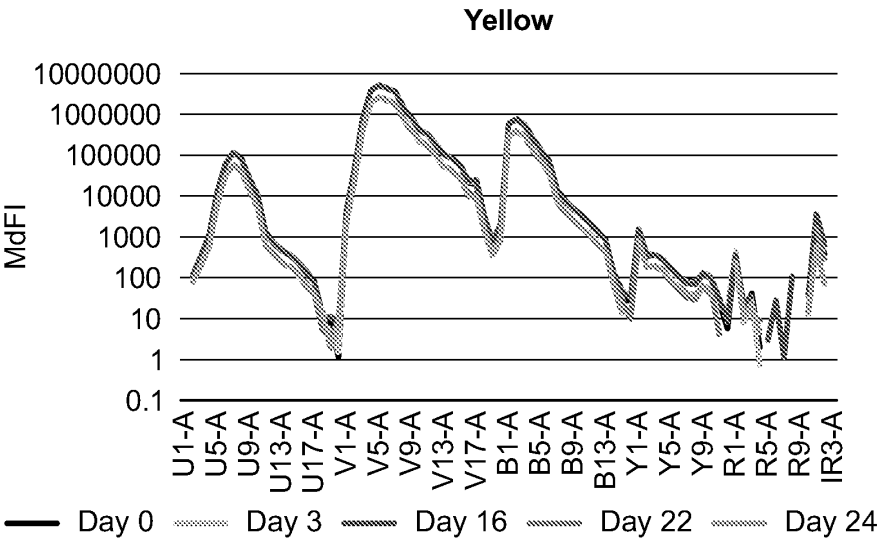
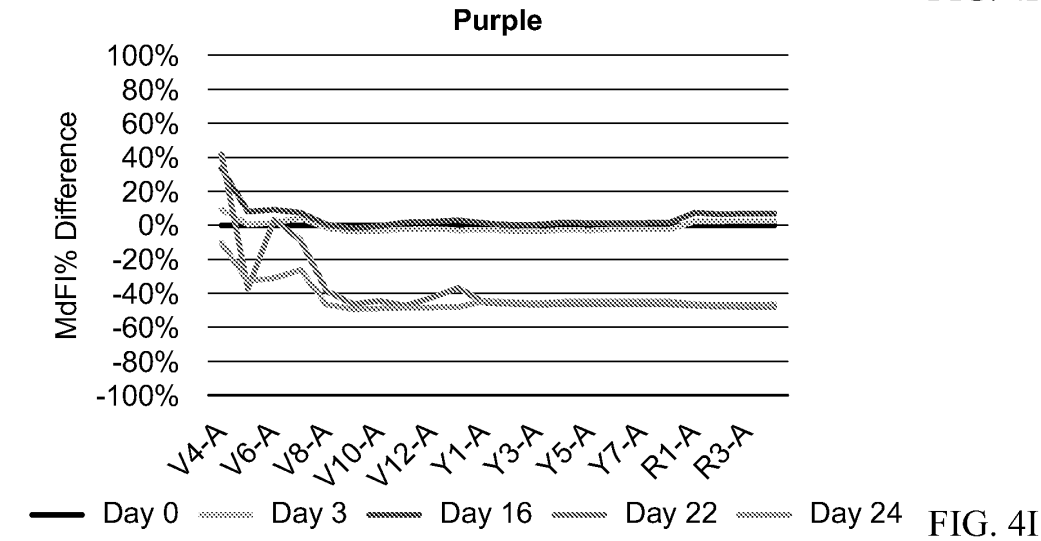
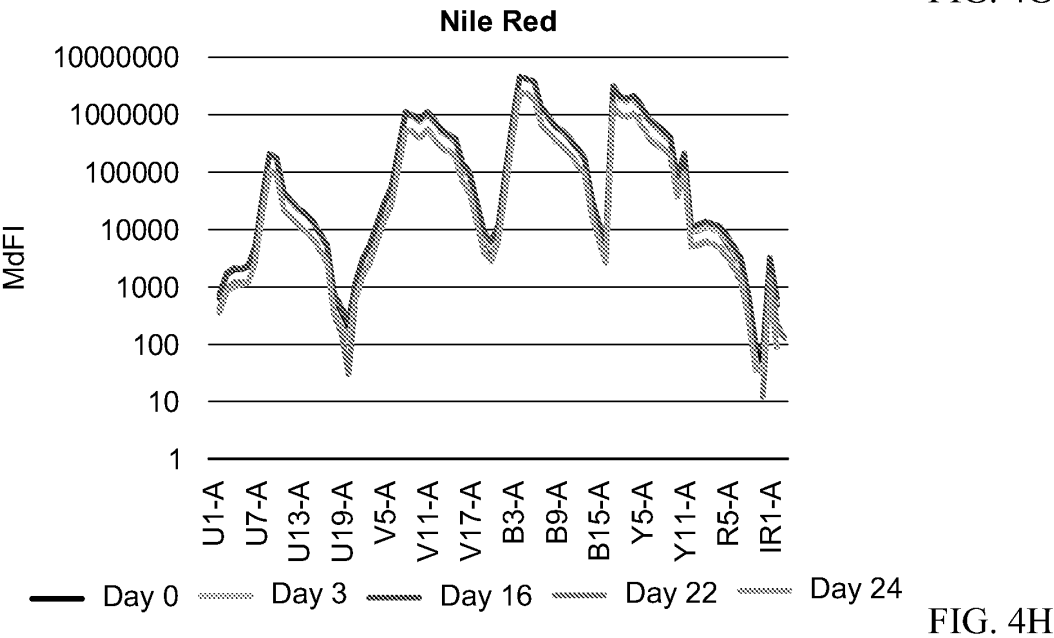
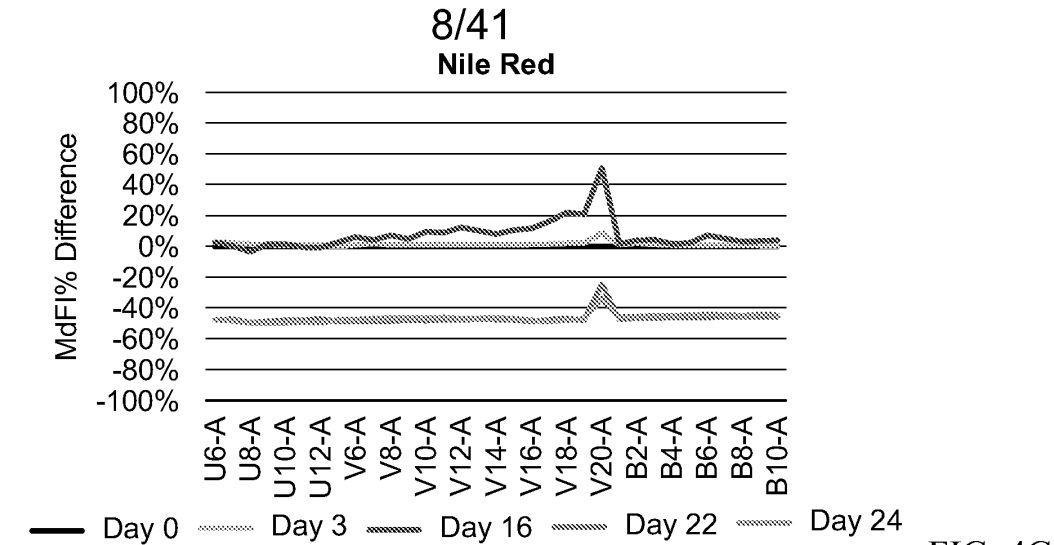


FIG. 4F



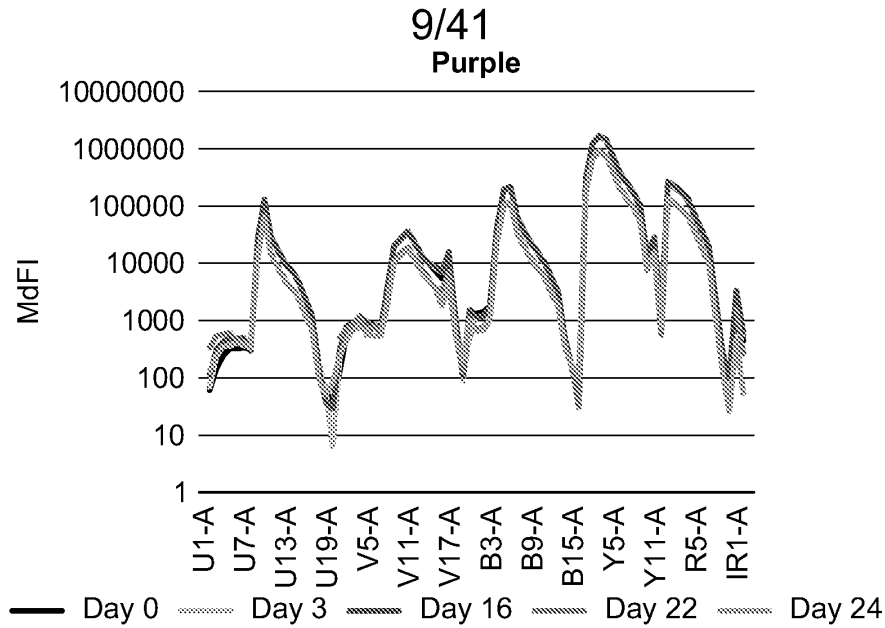


FIG. 4J

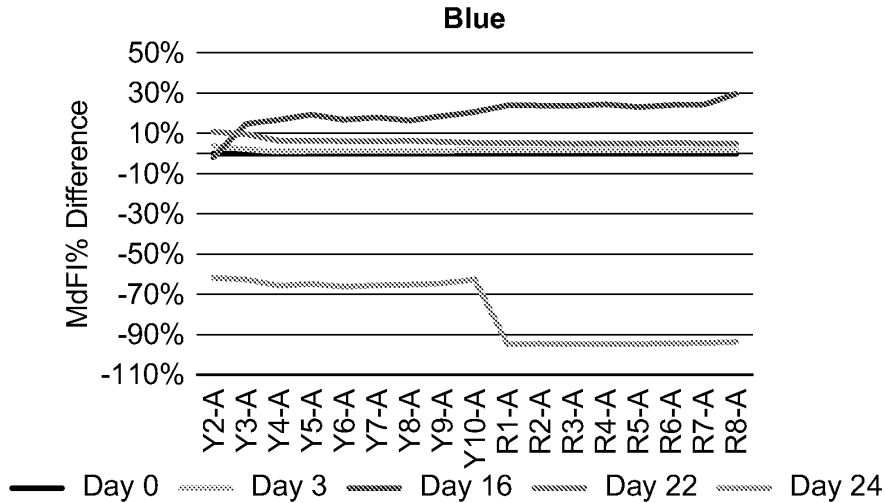


FIG. 4K

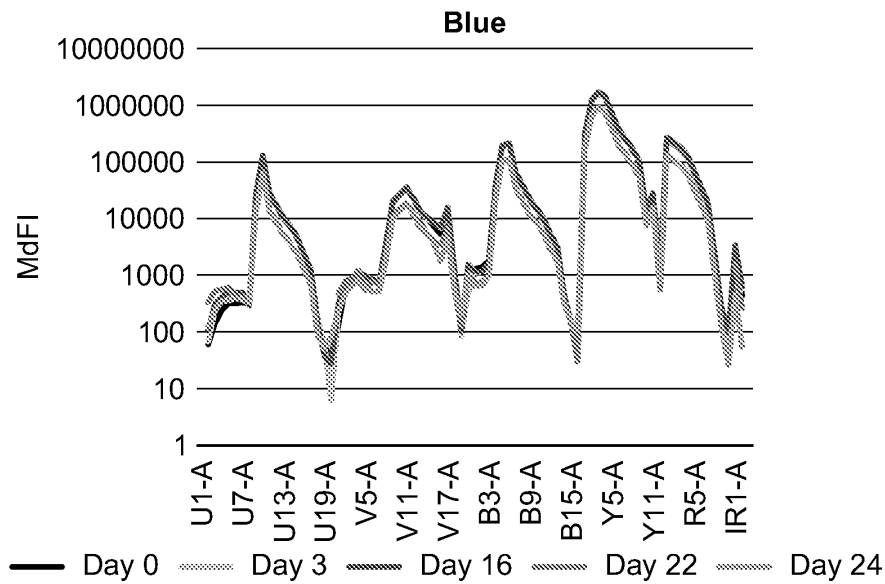


FIG. 4L

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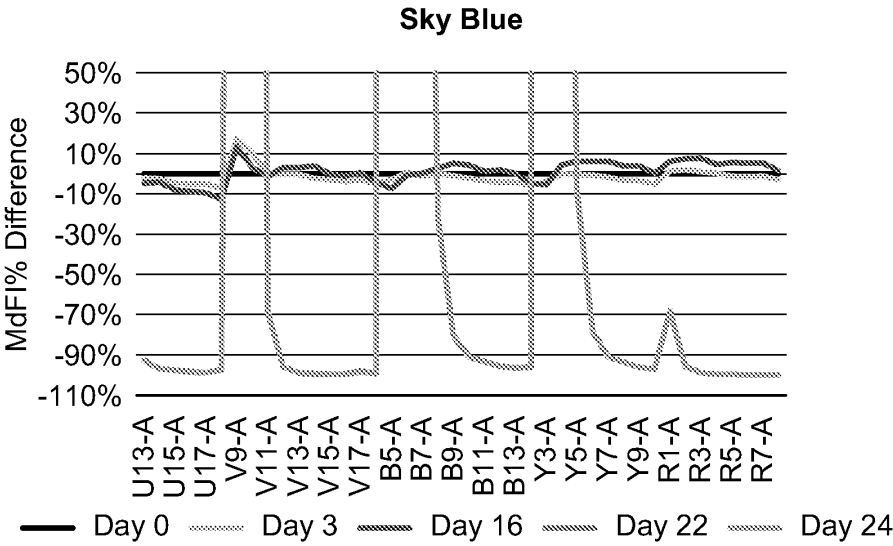


FIG. 4M

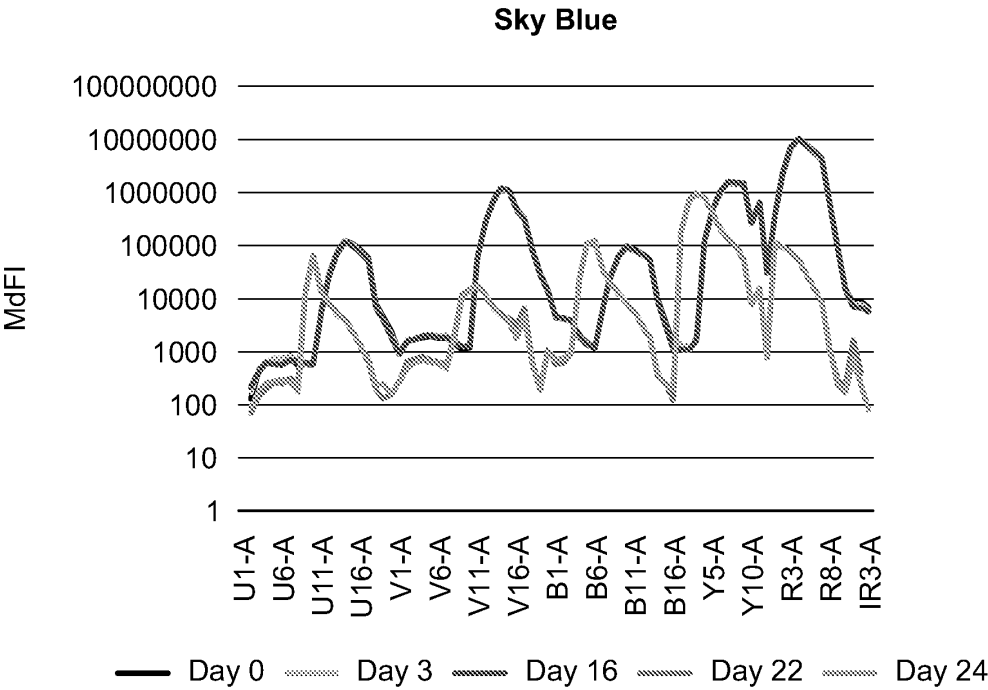


FIG. 4N

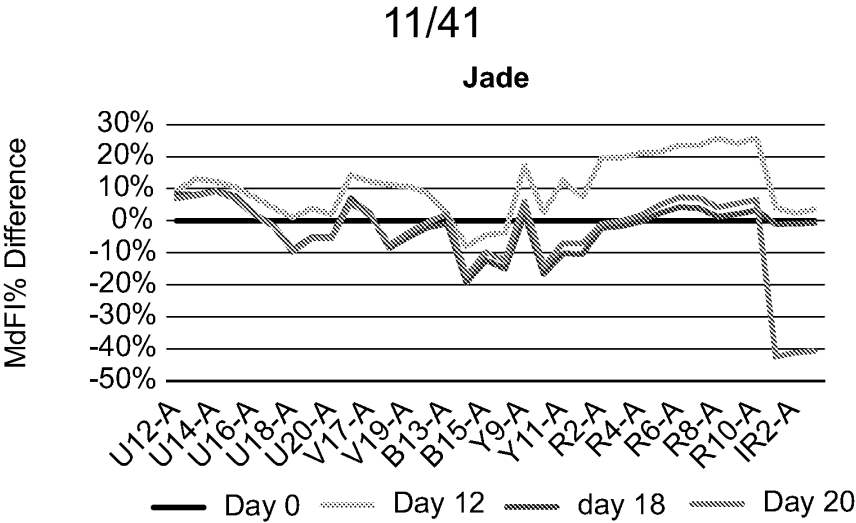


FIG. 4O

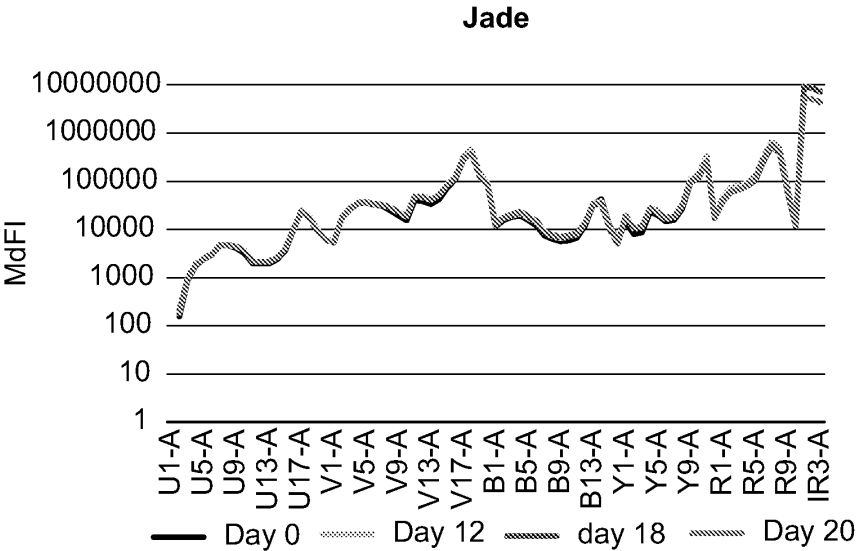


FIG. 4P

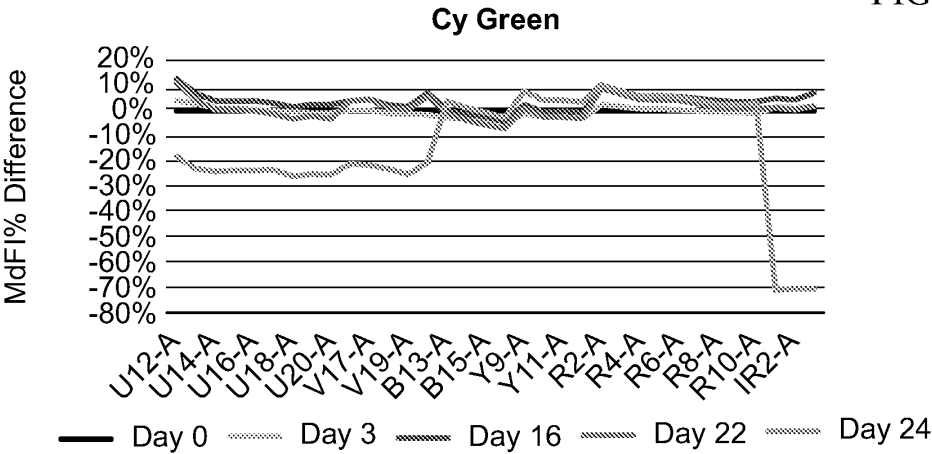
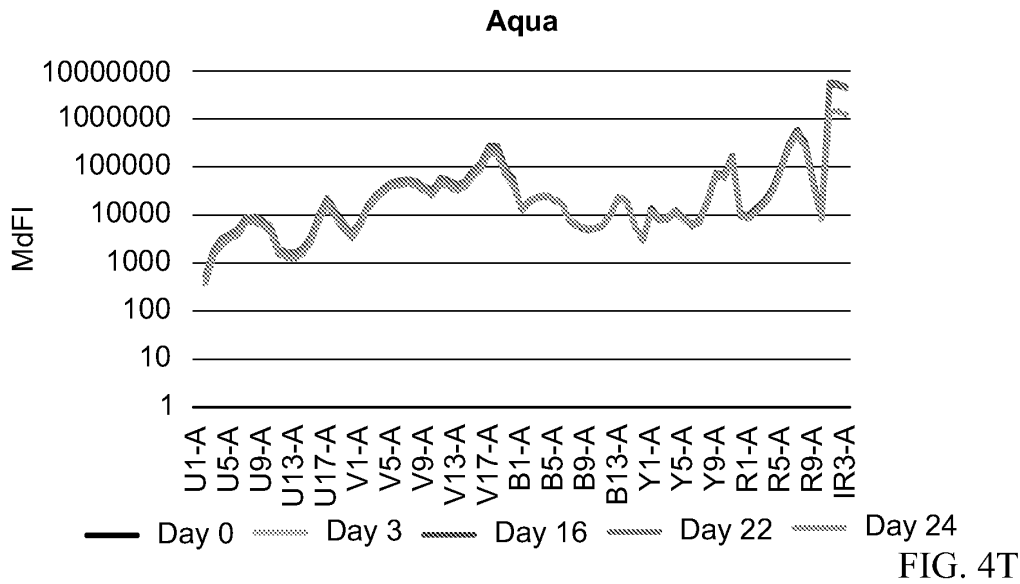
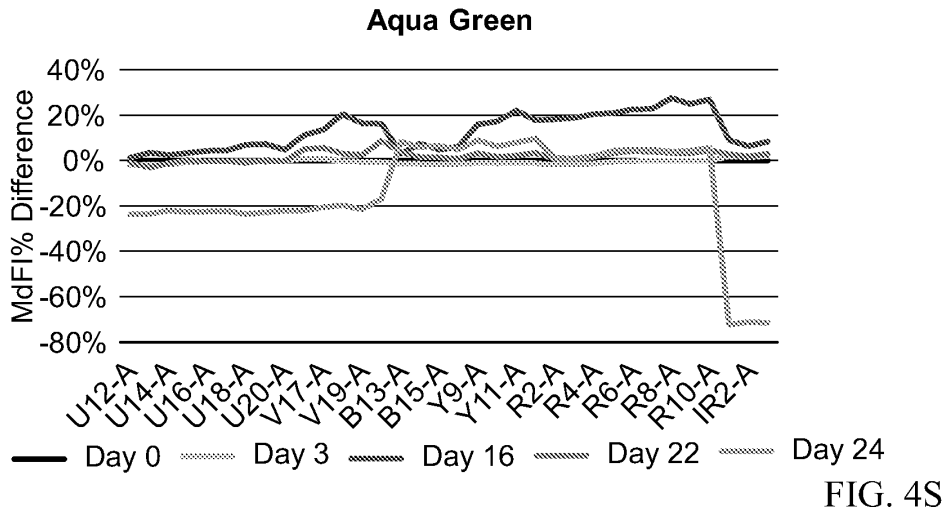
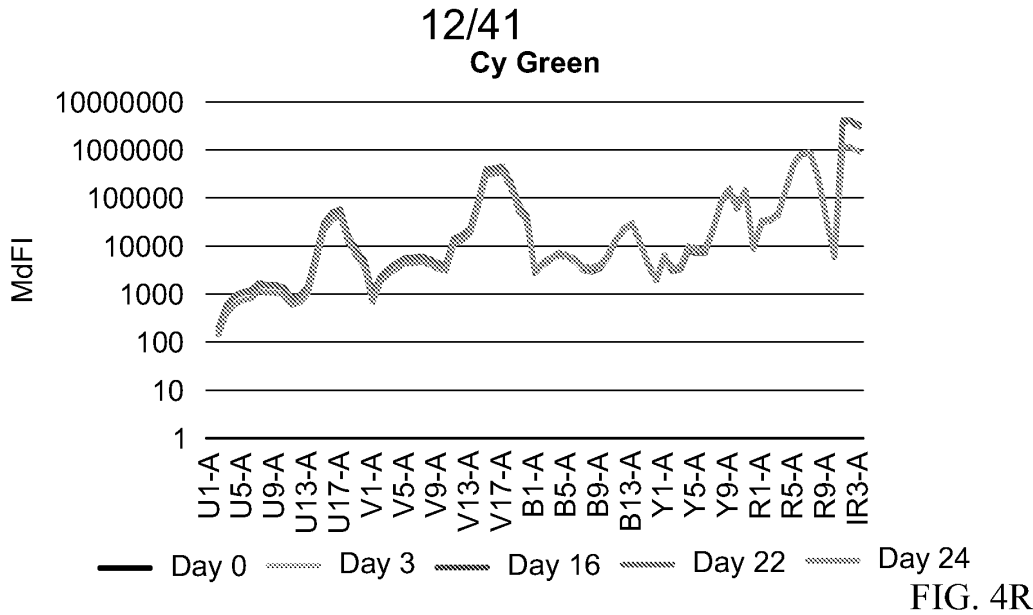


FIG. 4Q



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Set 7.2 p7 0.5mL EH9 Day 4

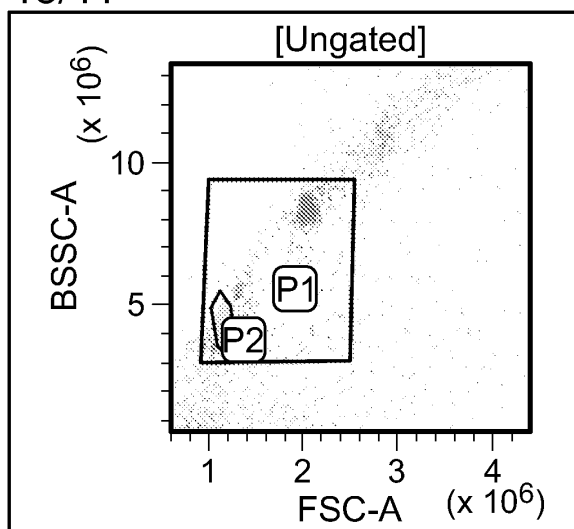


FIG. 5A

Set 7.2 p7 1mL EH9 Day 4

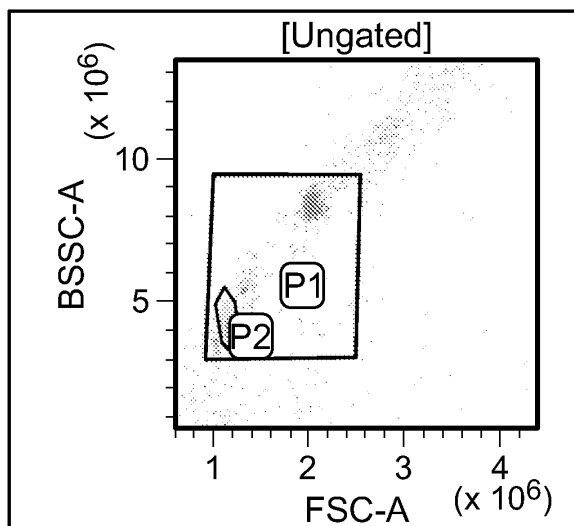


FIG. 5B

Set 7.2 p7 2.5mL EH9 Day 4

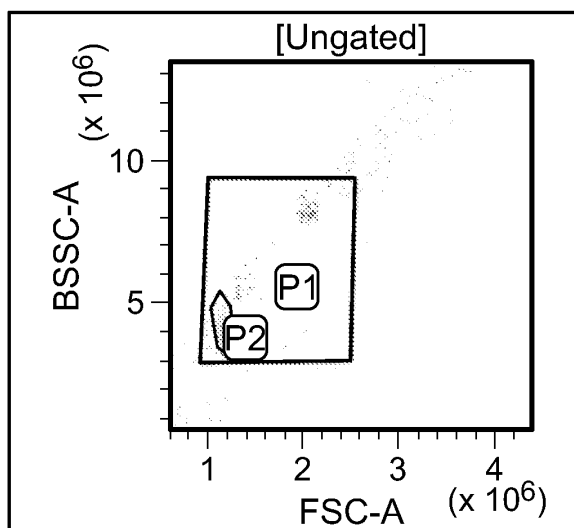


FIG. 5C

MdFI % Difference- EH9

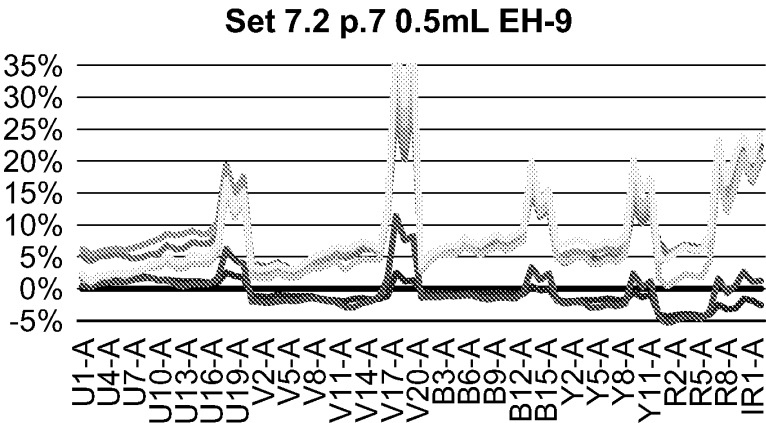


FIG. 5D

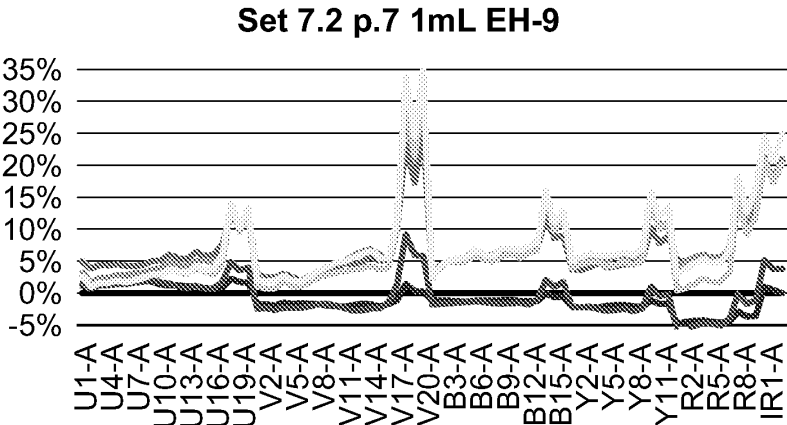


FIG. 5E

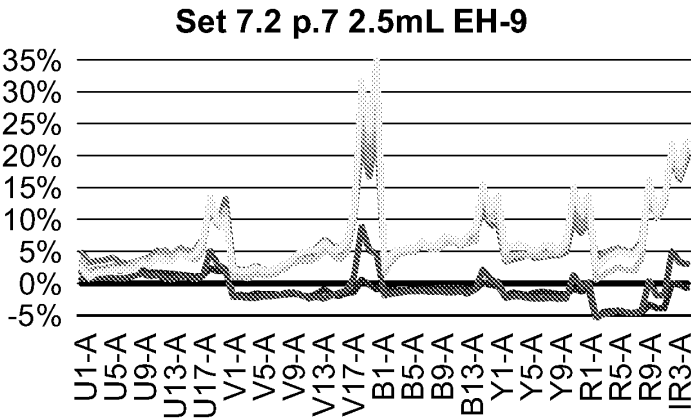


FIG. 5F

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MdFI % Difference- SA-9 Set 7.2 p.7 0.5mL SA-9

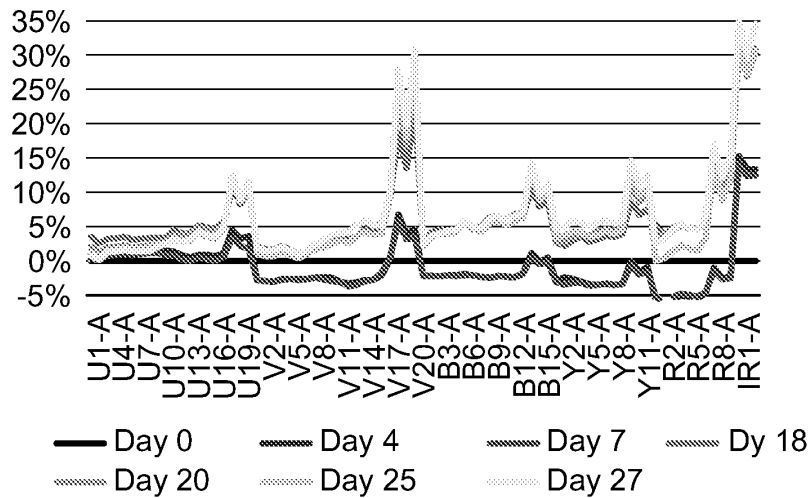


FIG. 5G

Set 7.2 p.7 1mL SA-9

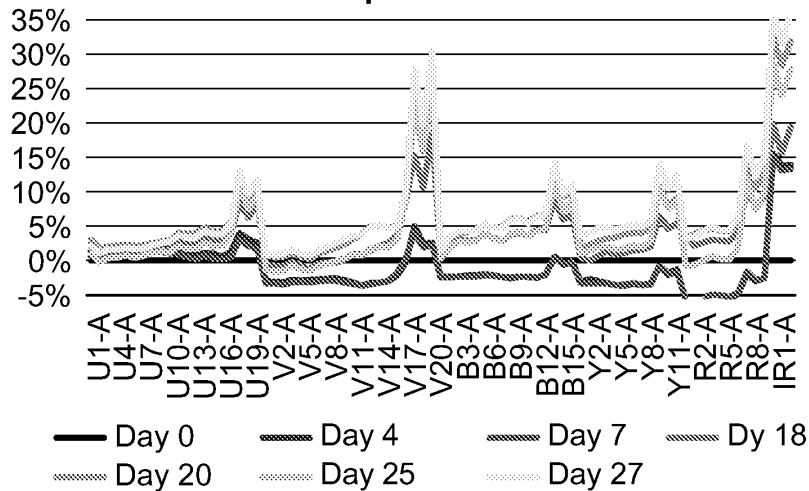


FIG. 5H

Set 7.2 p.7 2.5mL SA-9

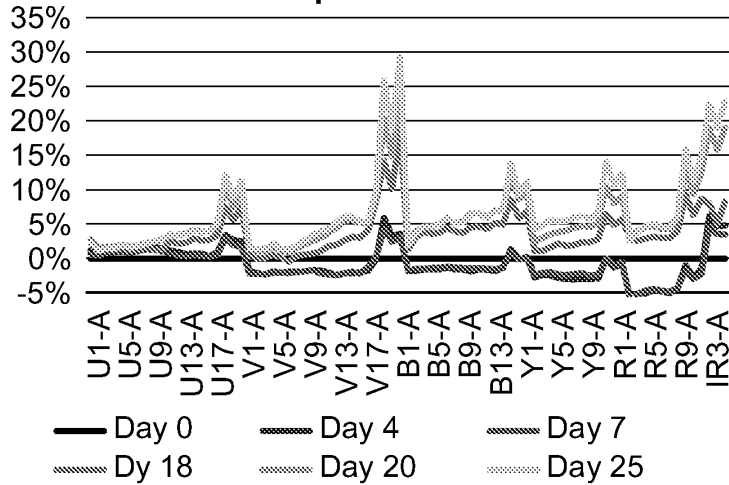


FIG. 5I

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Set 7.2 p.7 0.5mL EH-9

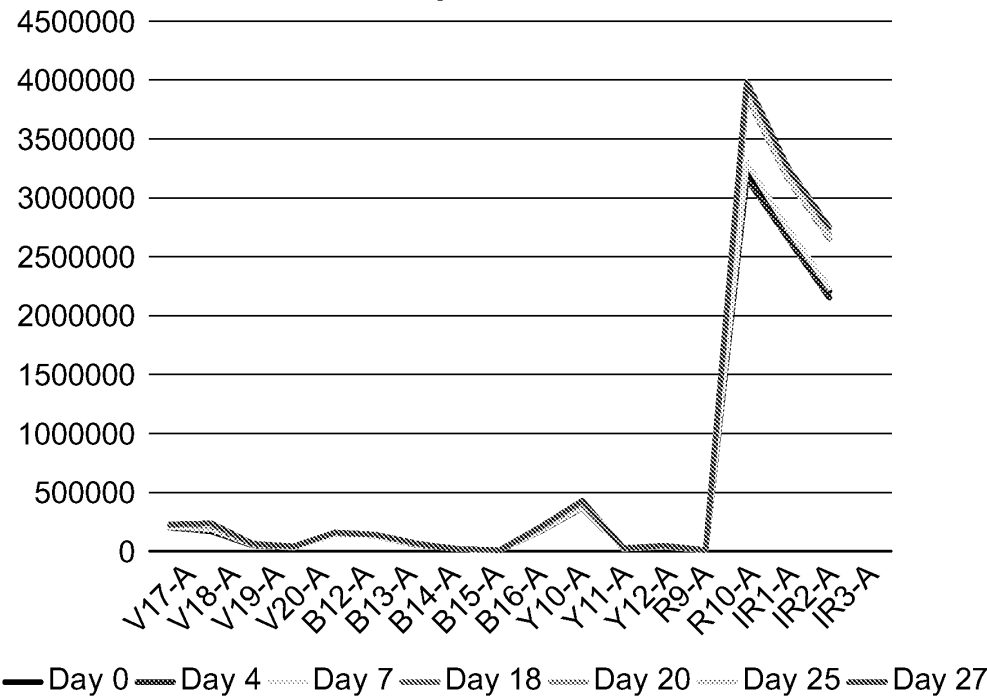


FIG. 5J

Set 7.2 p.7 2.5mL EH-9

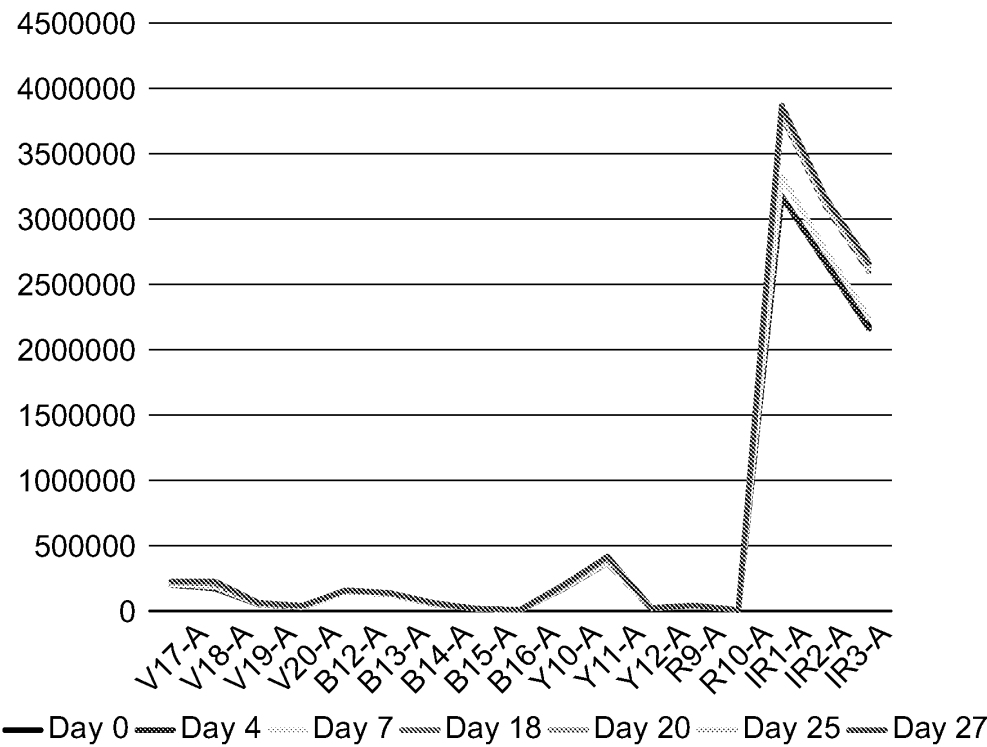


FIG. 5K

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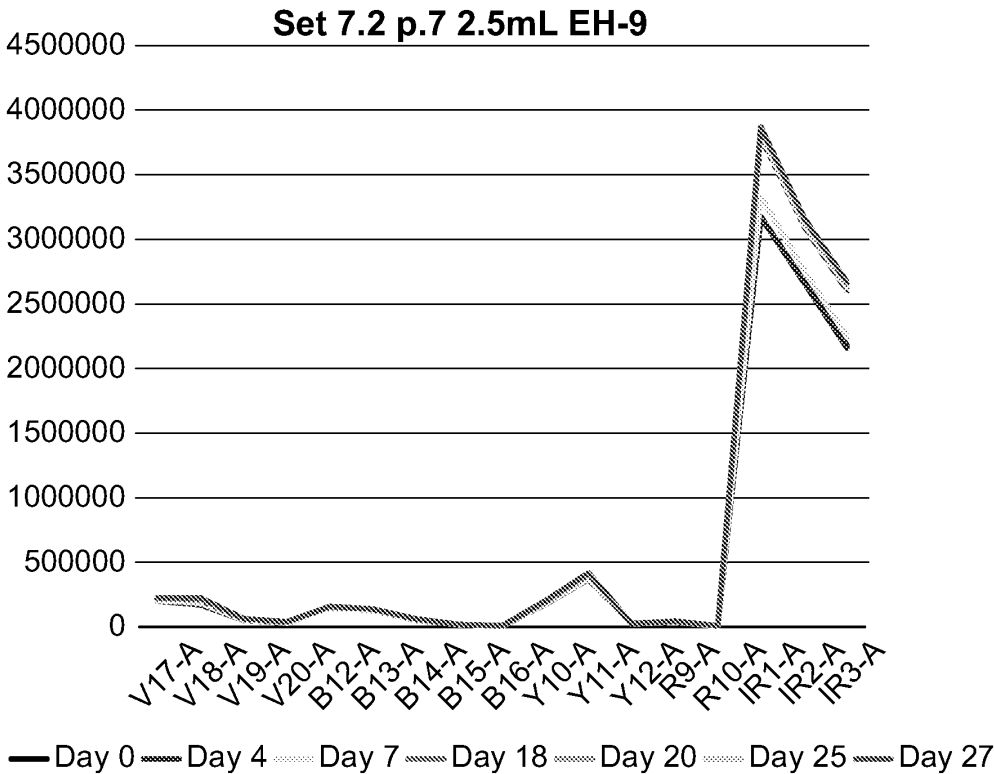
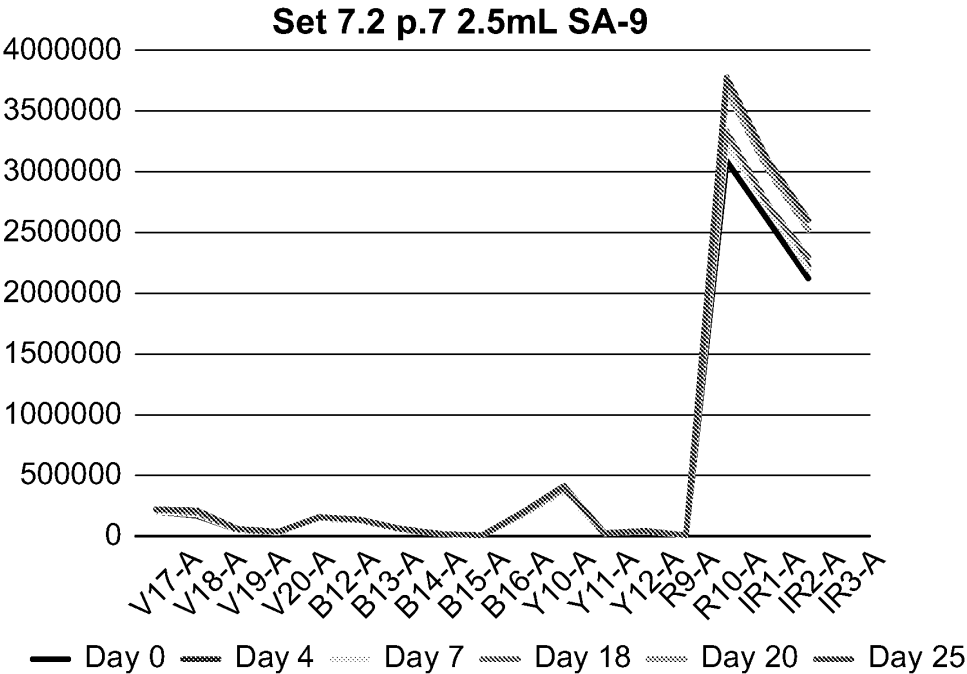
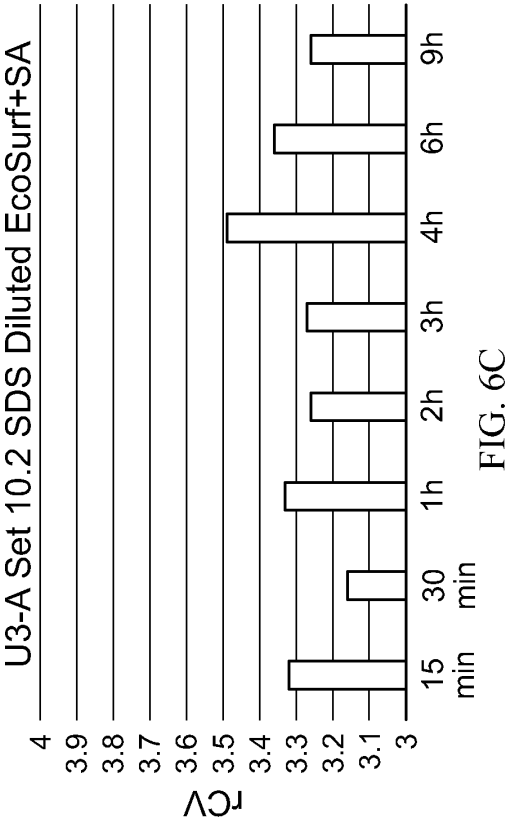
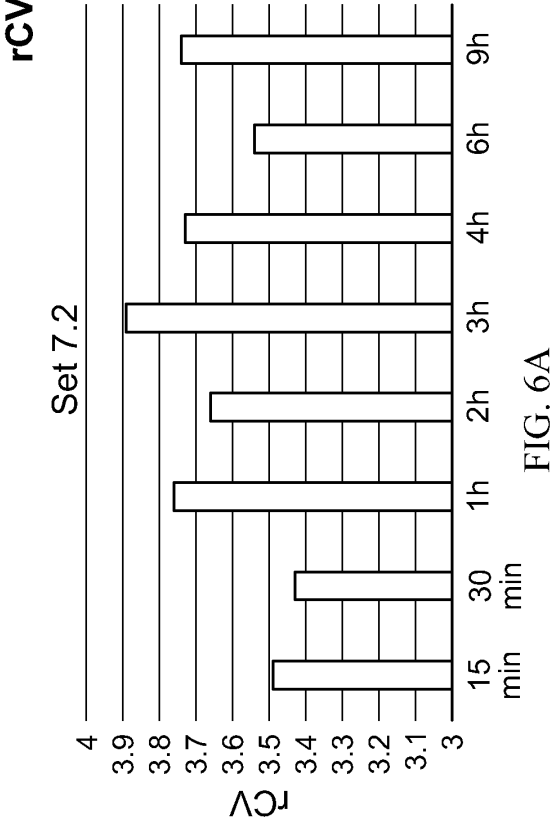
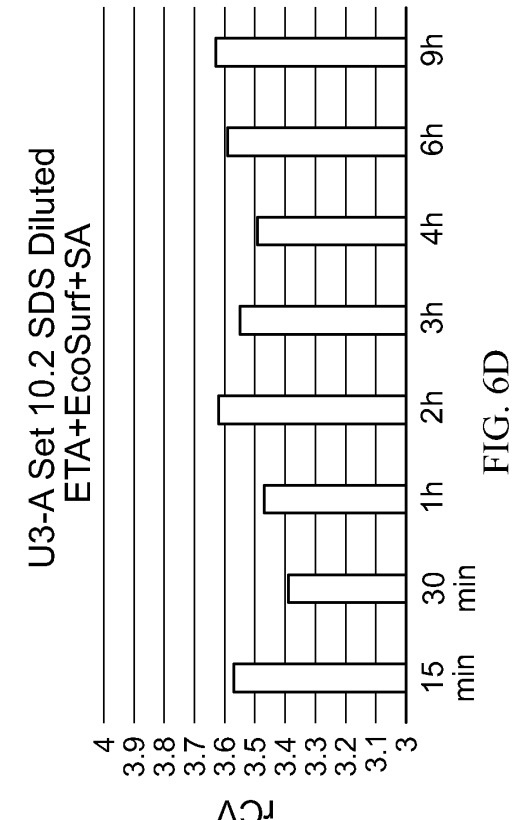
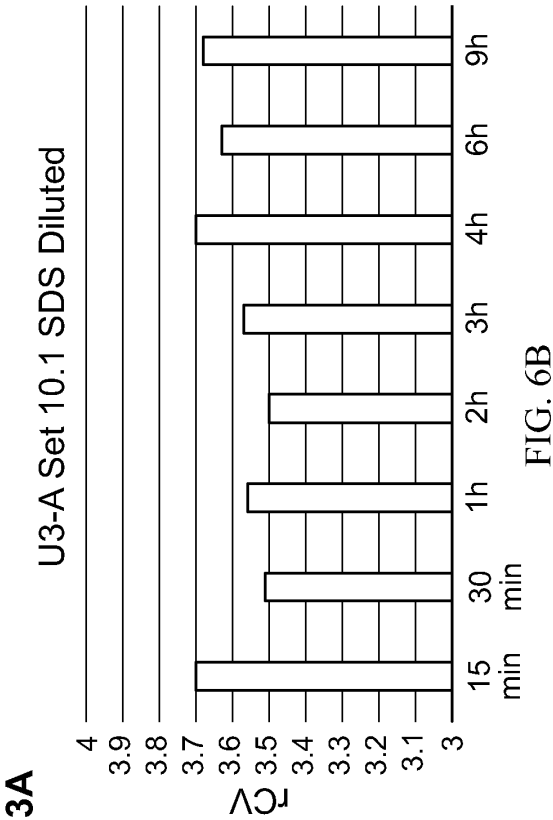


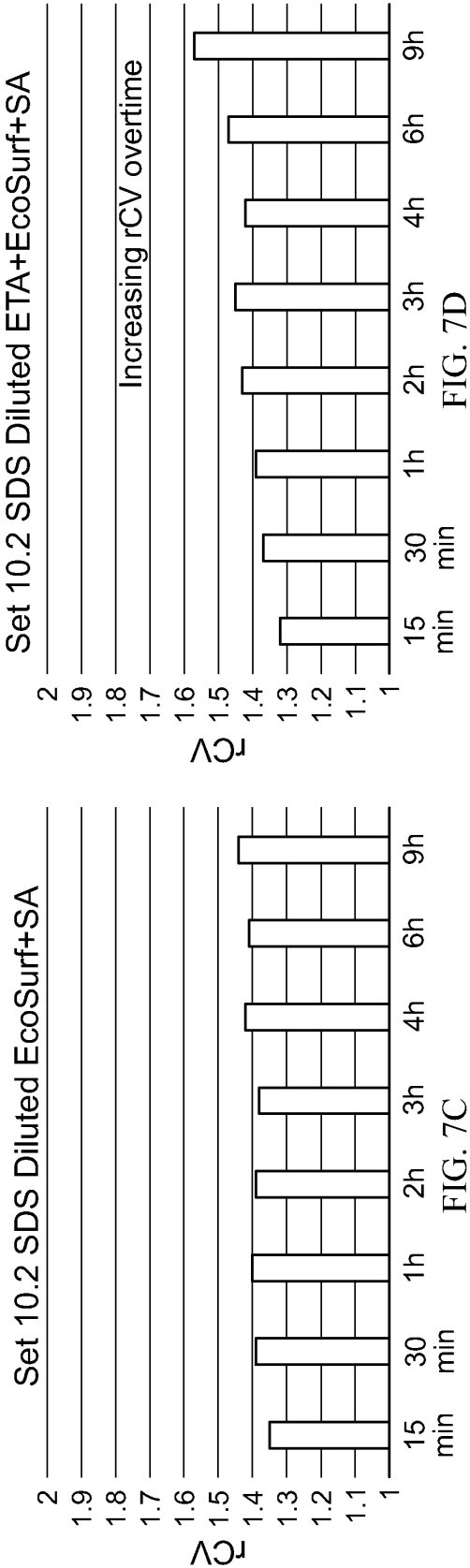
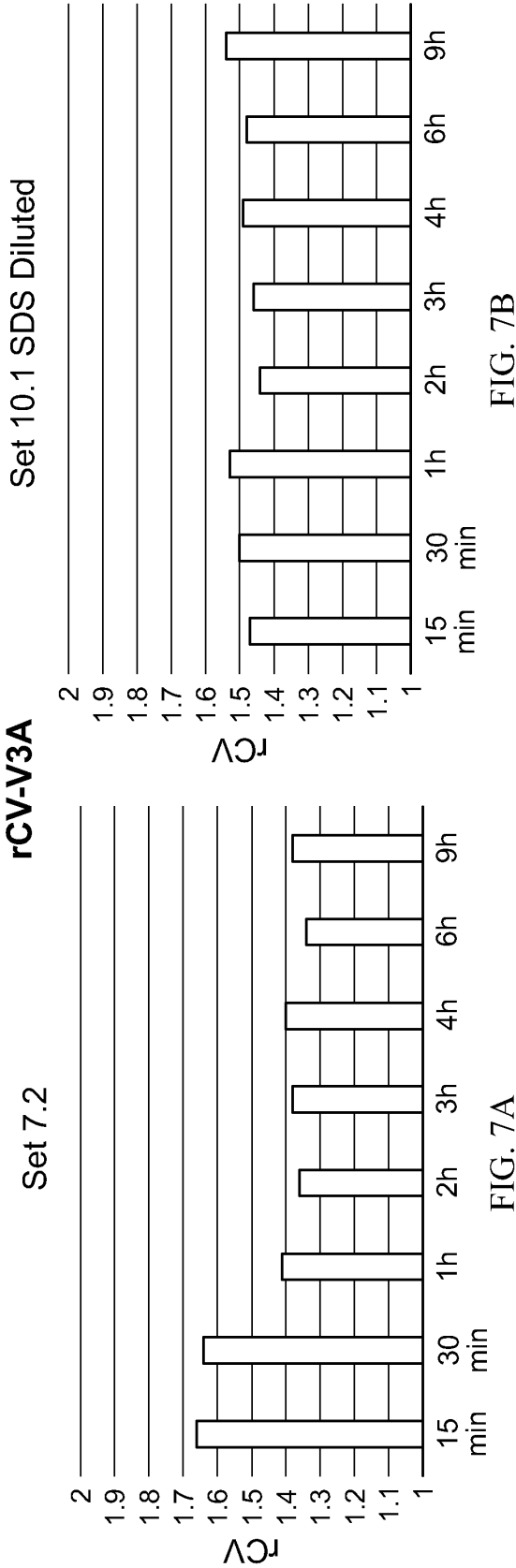
FIG. 5L

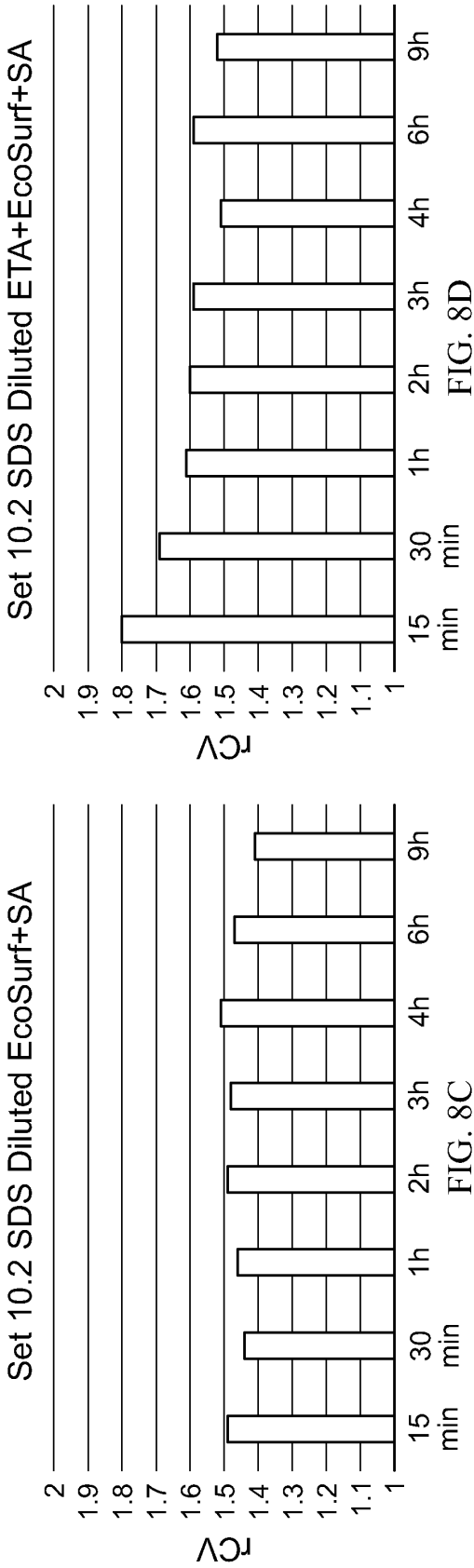
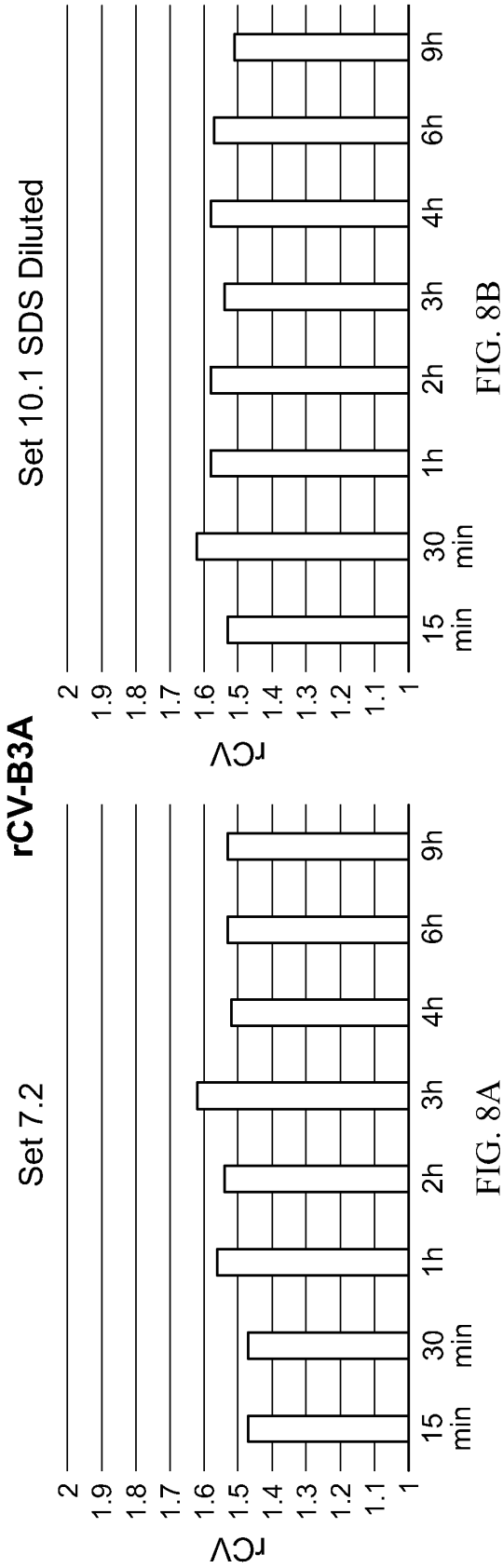


*Day 27 2.5mL SA9 data was not successfully collected

FIG. 5M







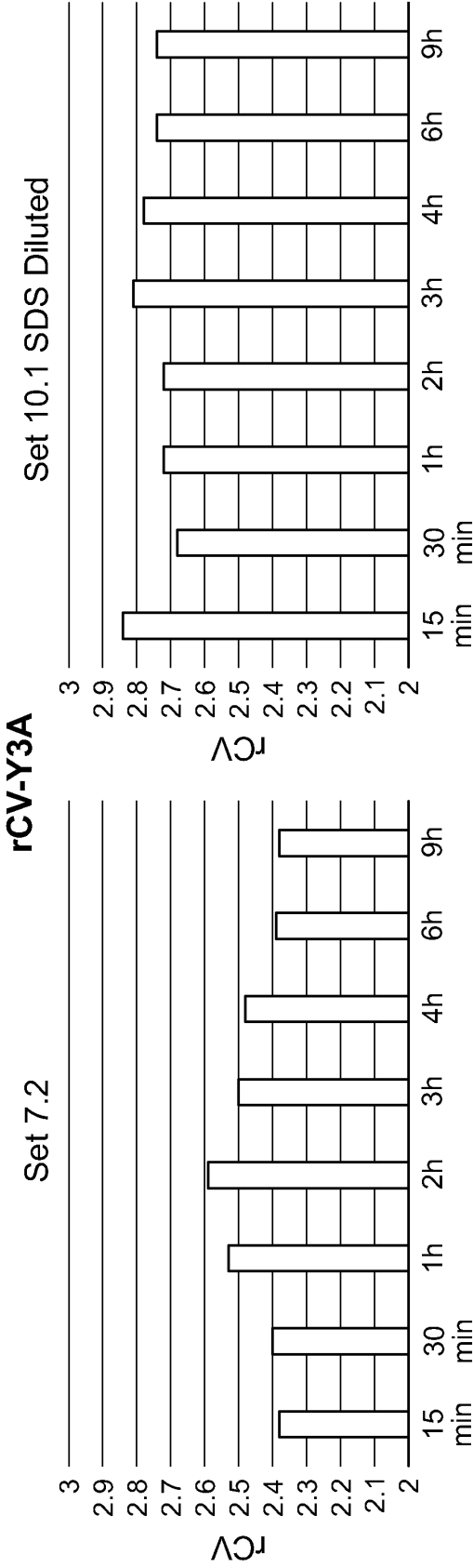


FIG. 9B

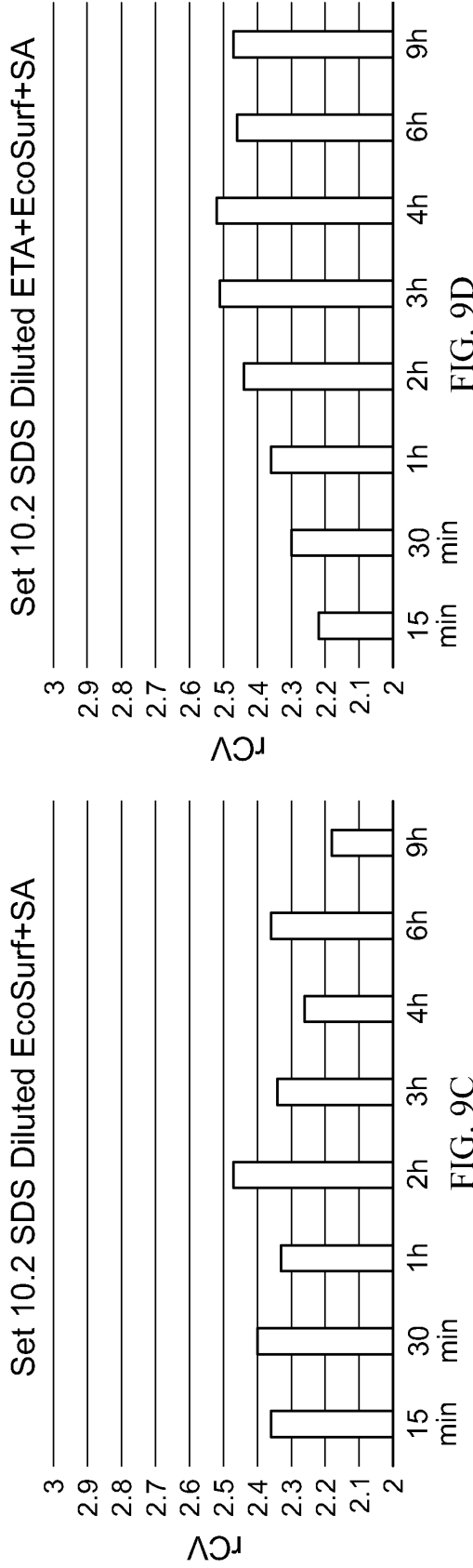
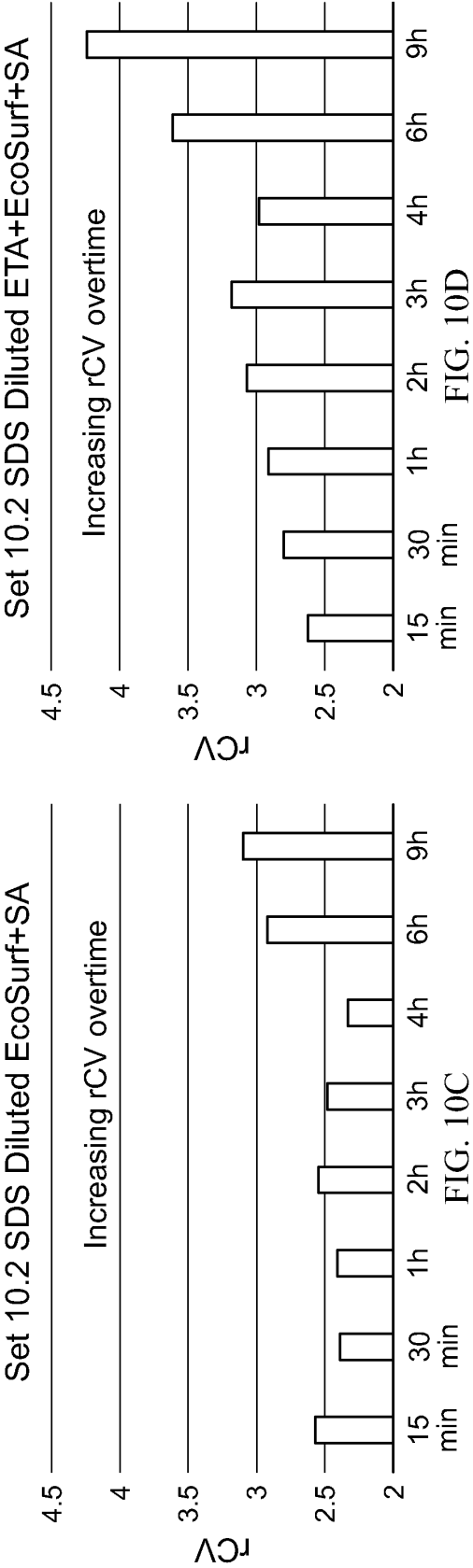
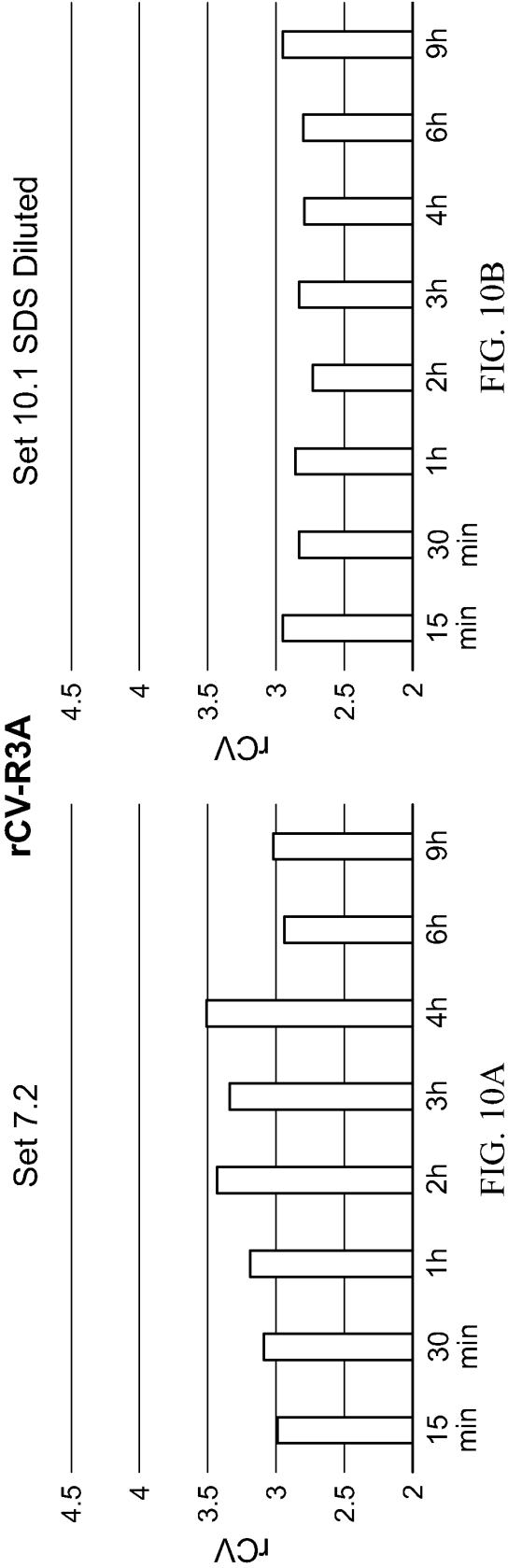


FIG. 9D

FIG. 9A

FIG. 9C



rCV-IR1A 1500 LUX ~ 3 times bench time

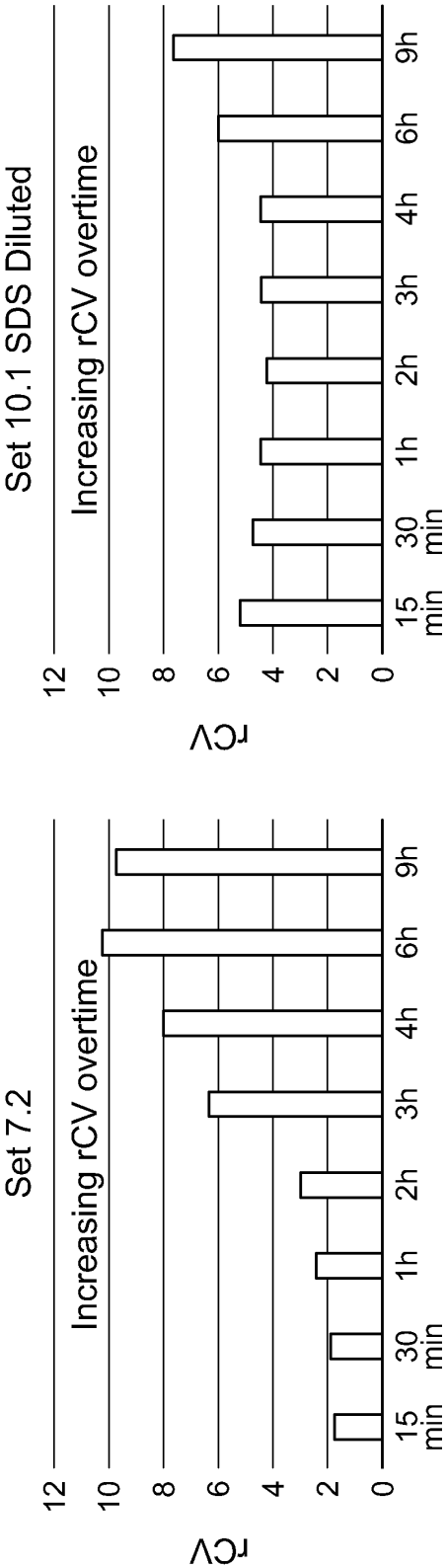


FIG. 11A

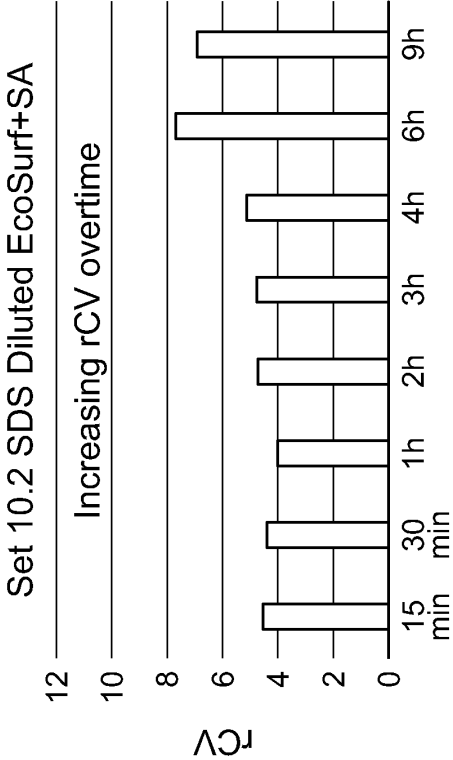


FIG. 11C

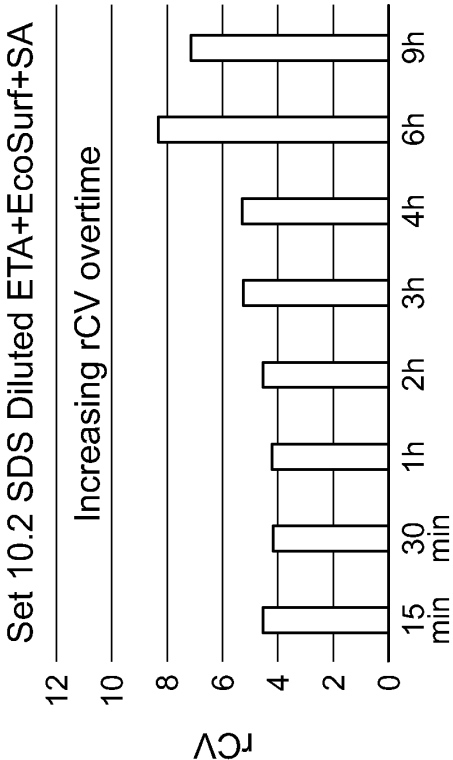


FIG. 11D

FIG. 11B

MdFI of samples in IR1 and IR2

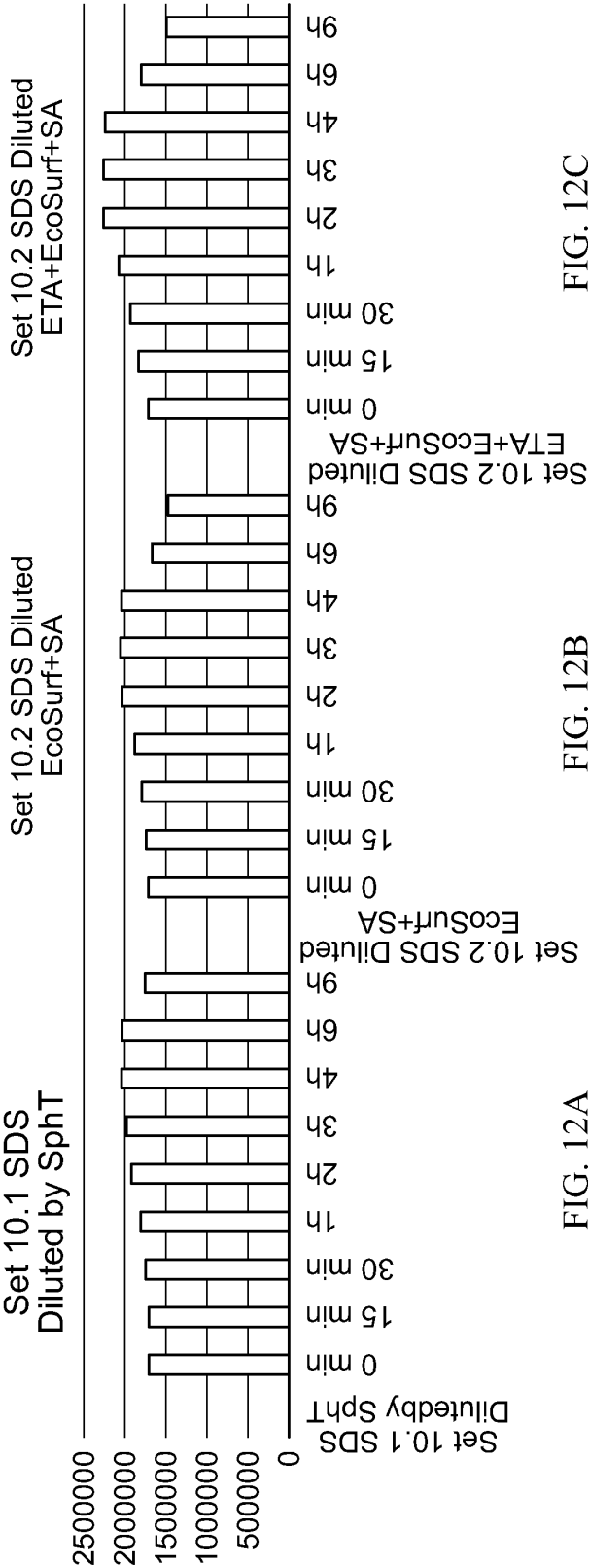


FIG. 12A

FIG. 12B

FIG. 12C

IR2-A

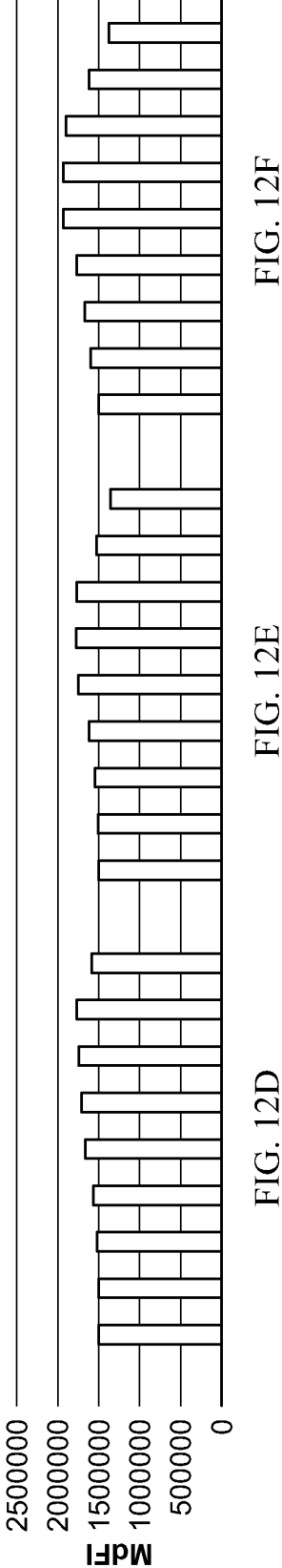


FIG. 12D

FIG. 12E

FIG. 12F

rCV-IR2A

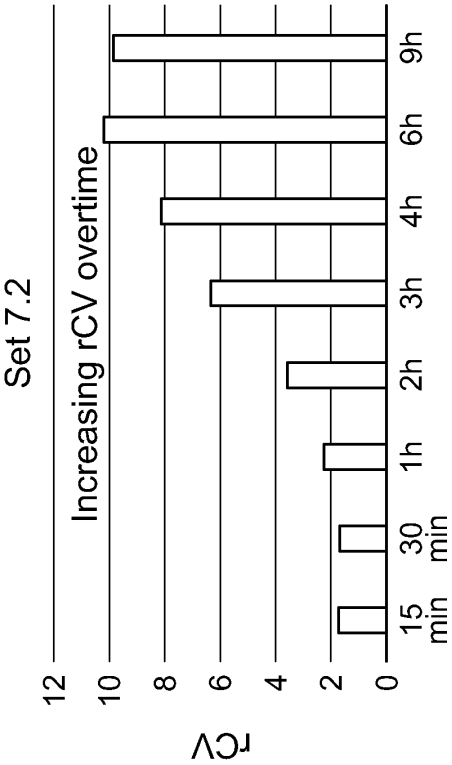


FIG. 13A

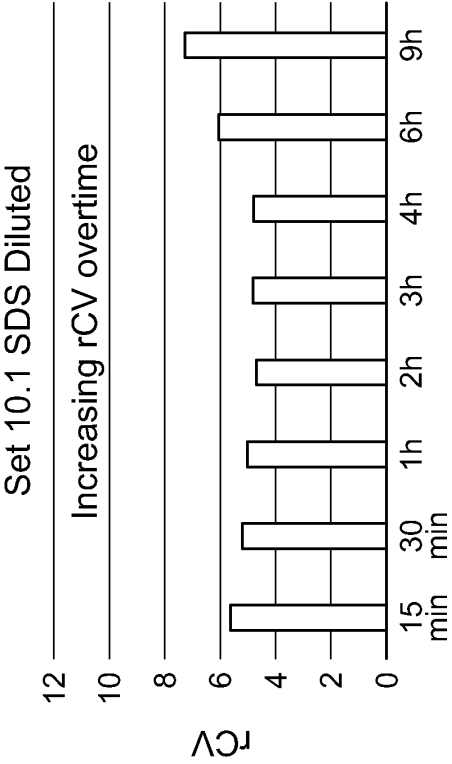


FIG. 13B

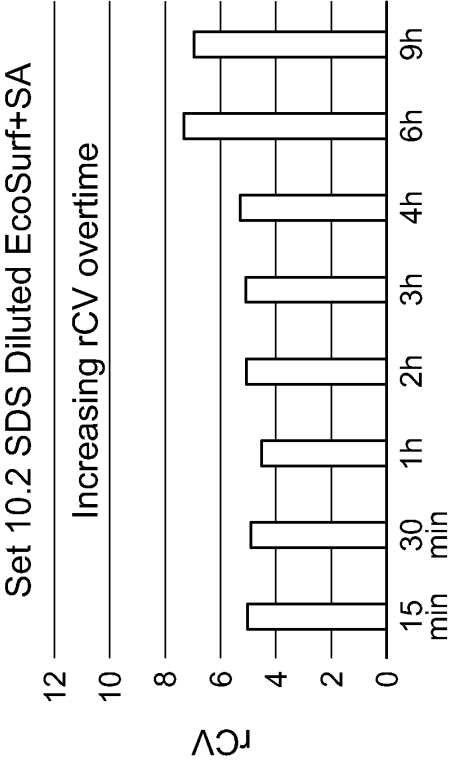


FIG. 13C

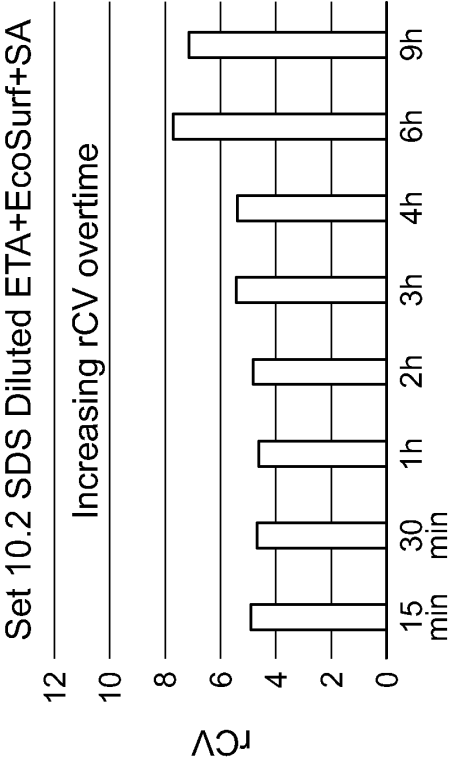


FIG. 13D

rCV-IR3A

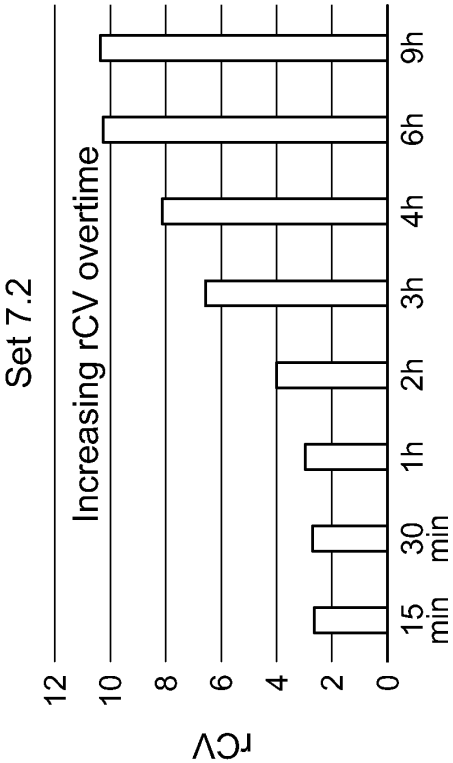


FIG. 14A

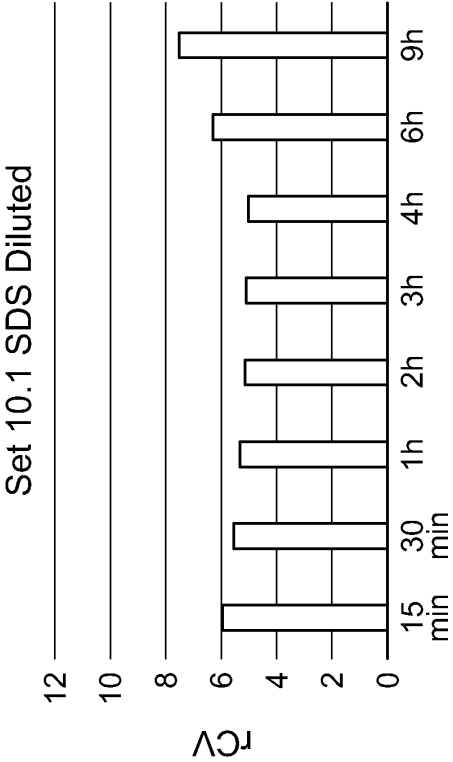


FIG. 14B

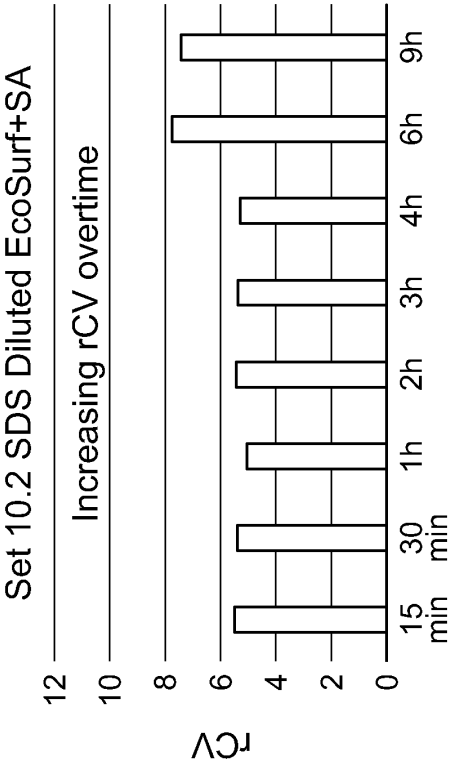


FIG. 14C

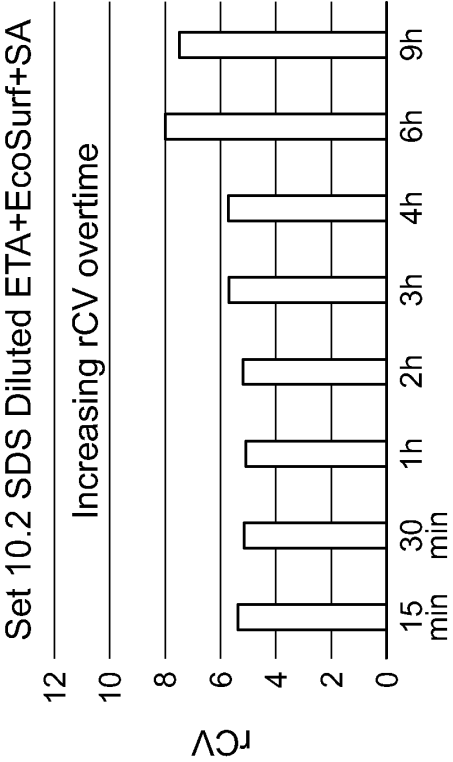


FIG. 14D

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

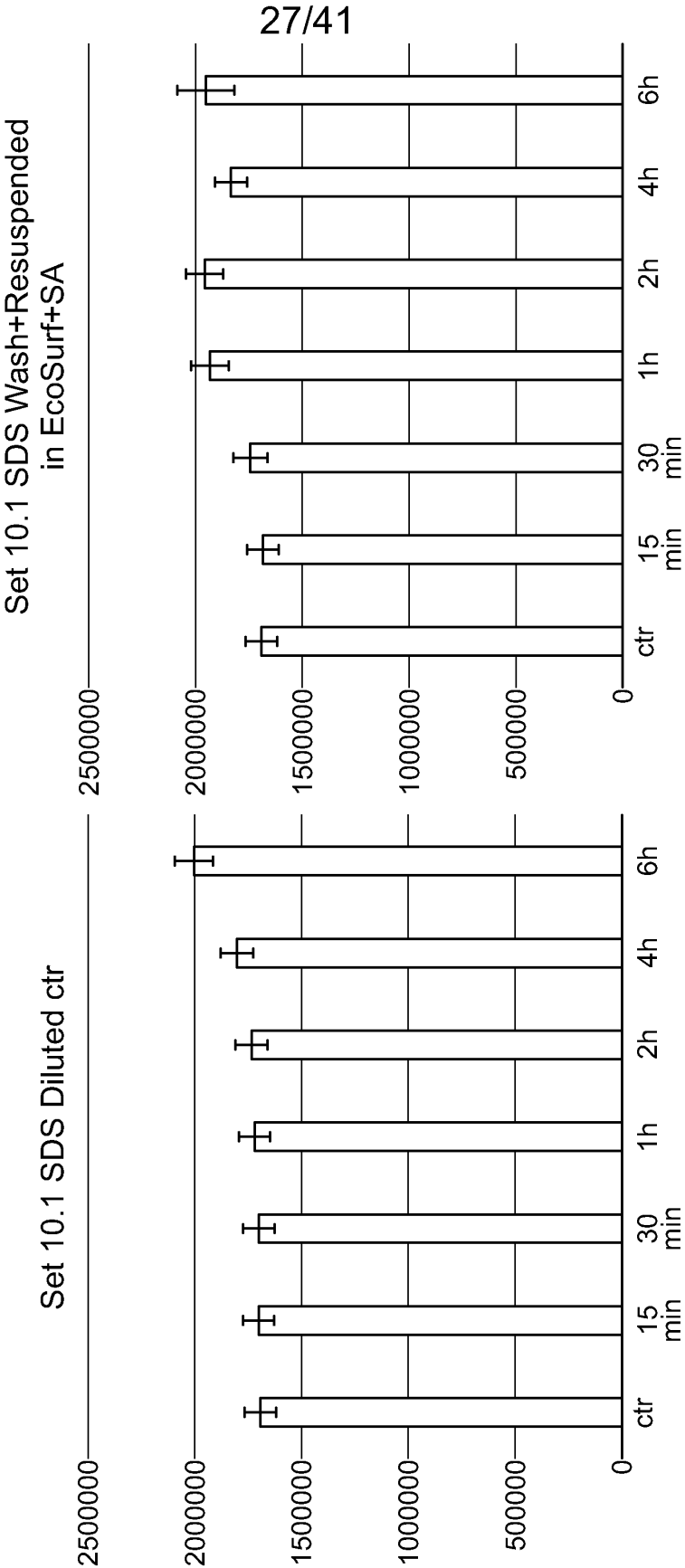


FIG. 15B

FIG. 15A

105min

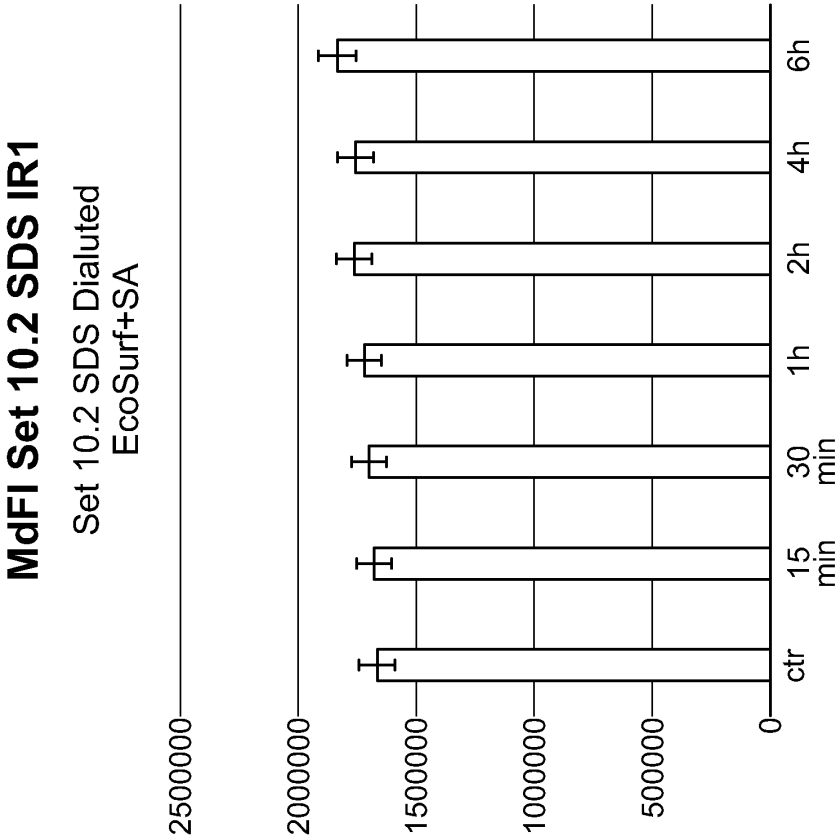


FIG. 15C

MdFI Set 10.2 SDS -> ETA+EcoSurf eh9 IR1

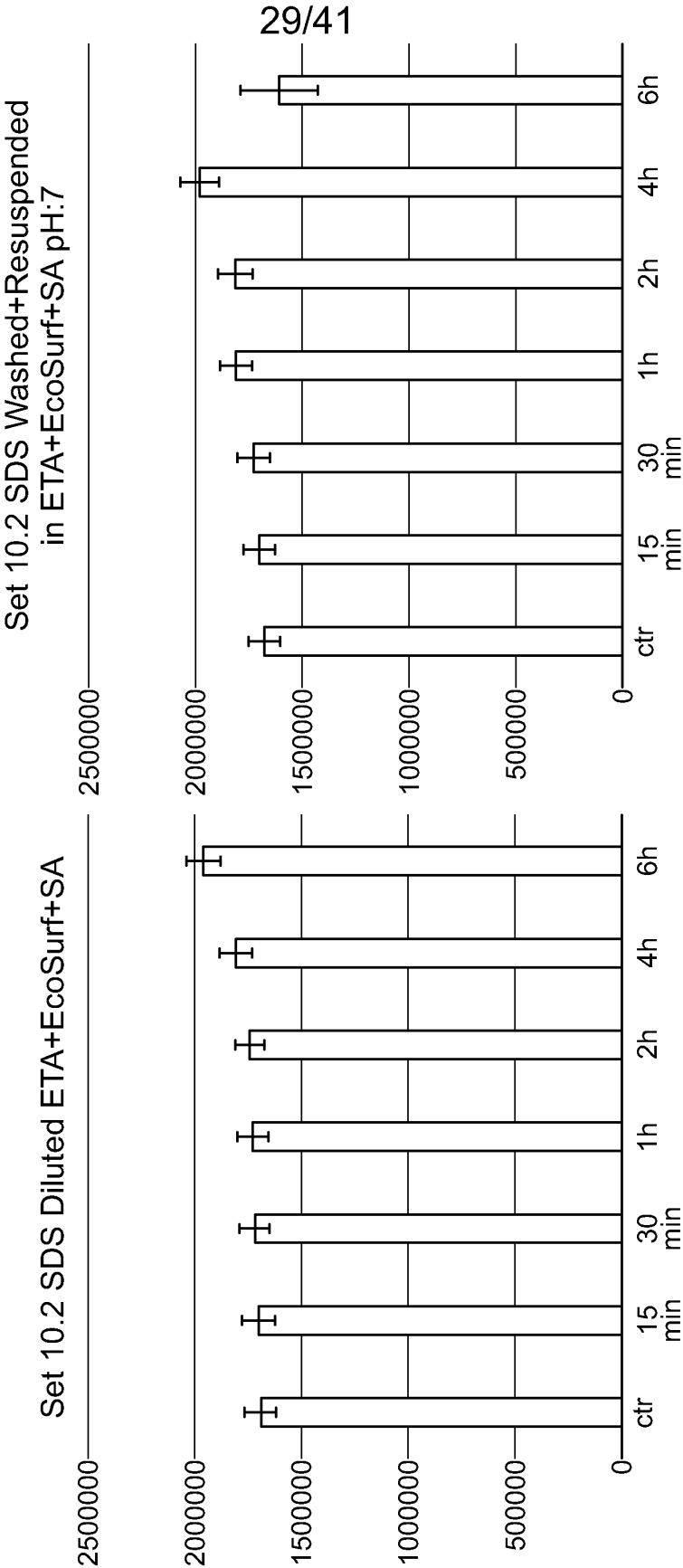


FIG. 15E

FIG. 15D

105min

MdFI Set 10.1 IR2

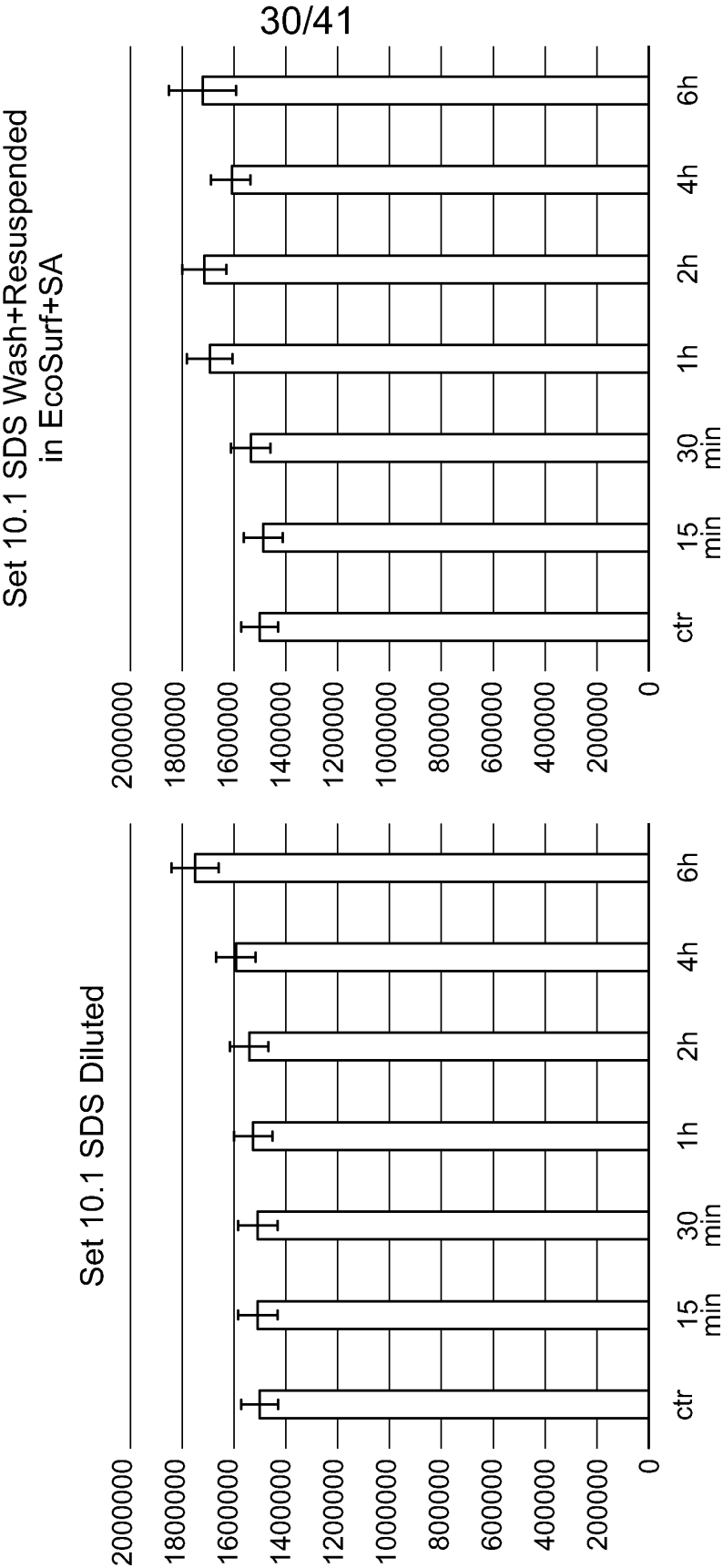


FIG. 15F

FIG. 15G

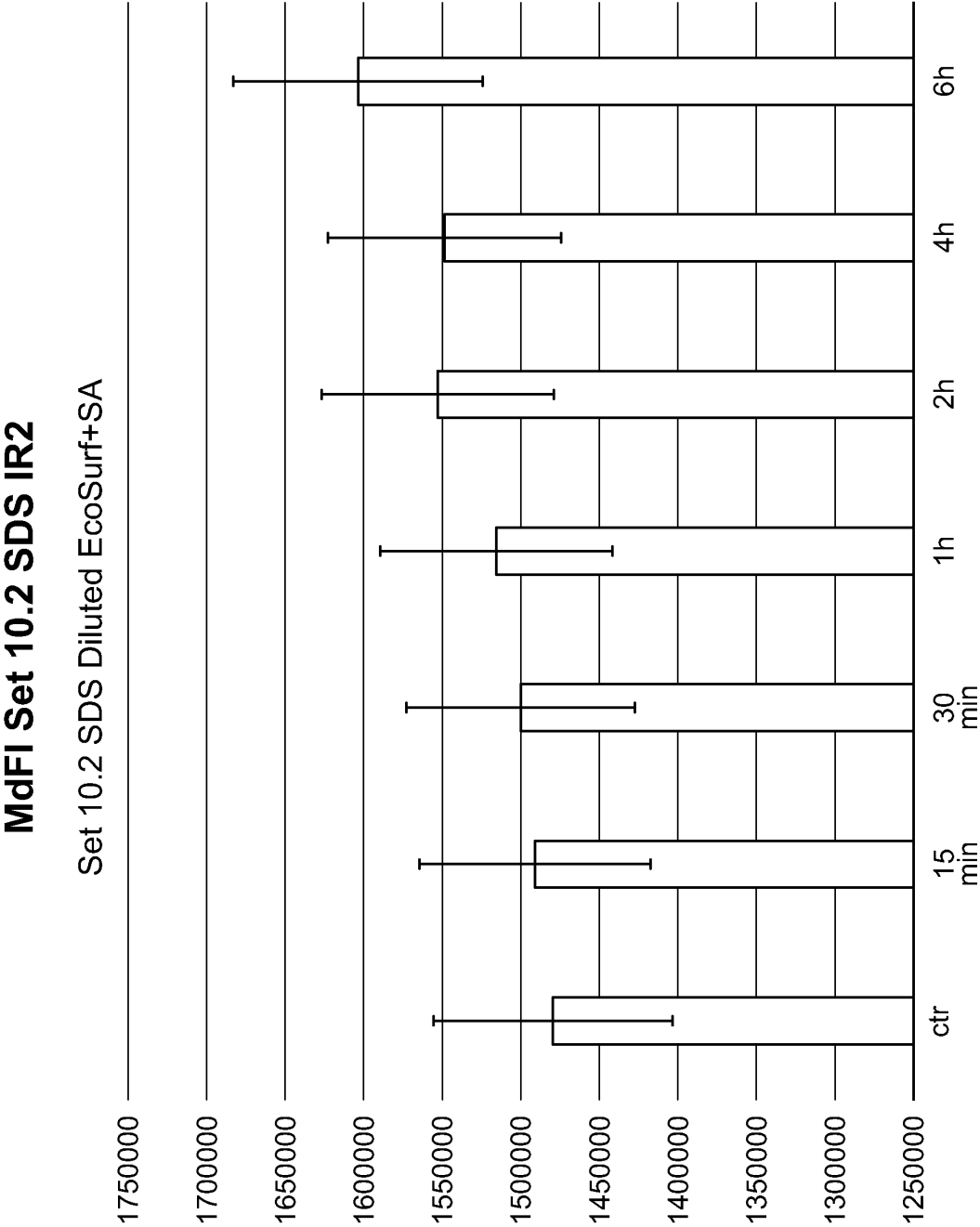


FIG. 15H

MdFI Set 10.2 SDS -> ETA+EcoSurf eh9 IR2

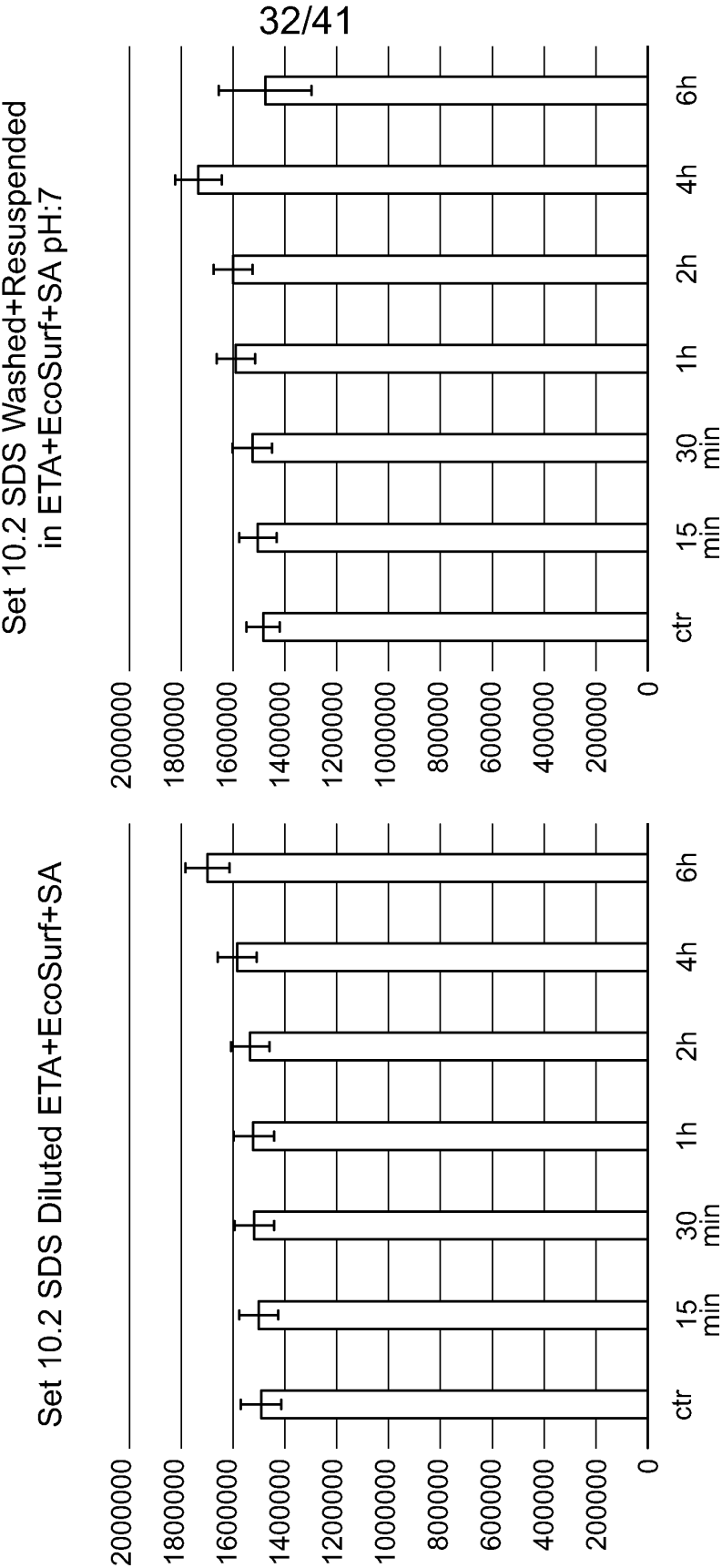


FIG. 15J

FIG. 15I

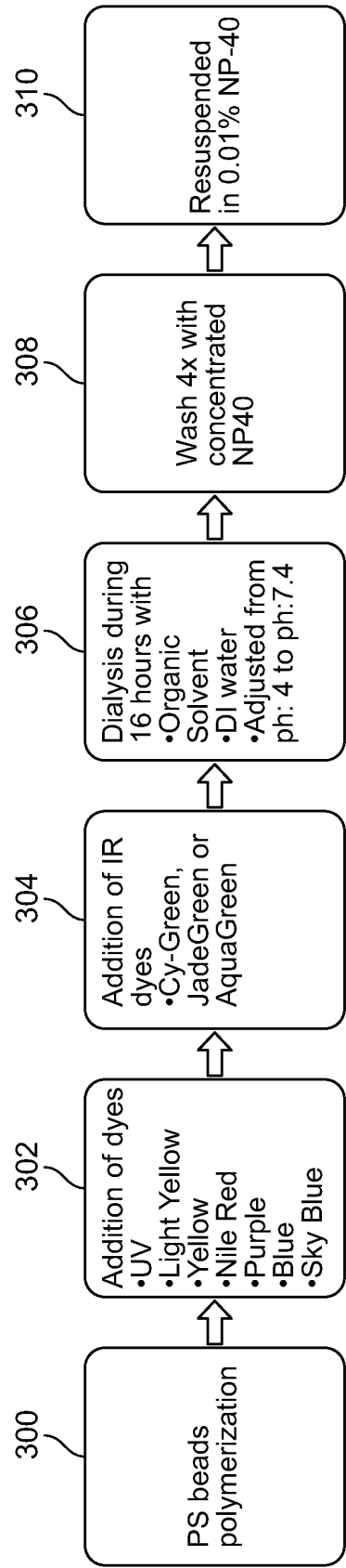


FIG. 16

MdFI for P2

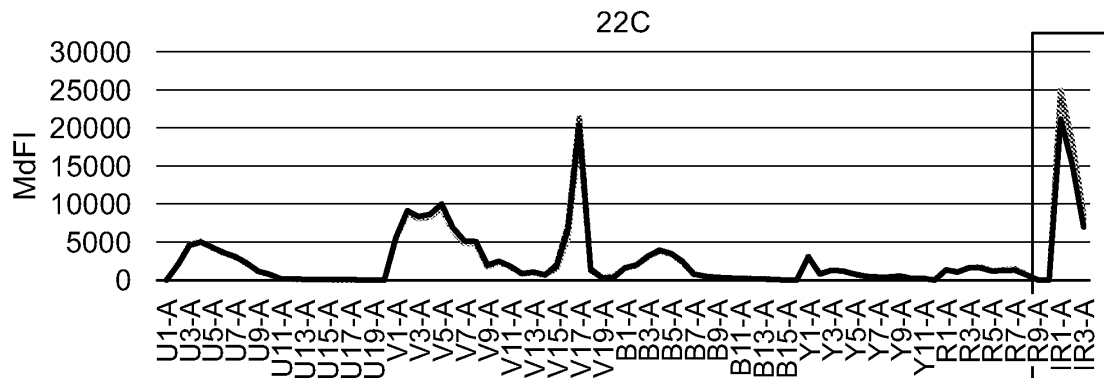


FIG. 17A

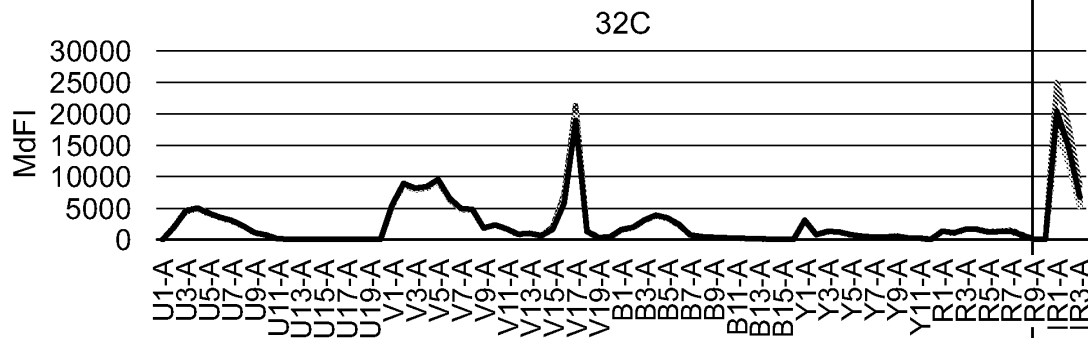


FIG. 17C

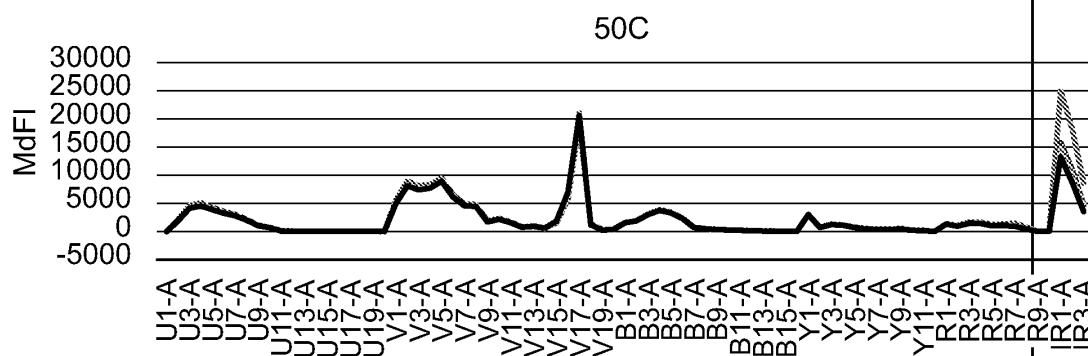


FIG. 17E

 Aqua P2 Ctr
 Aqua P2 Day 5 50C
 Aqua P2 Day 7 50C
 Aqua P2 Day 11 50C
  Aqua P2 Day 14 50C
  Aqua P2 Day 18 50C

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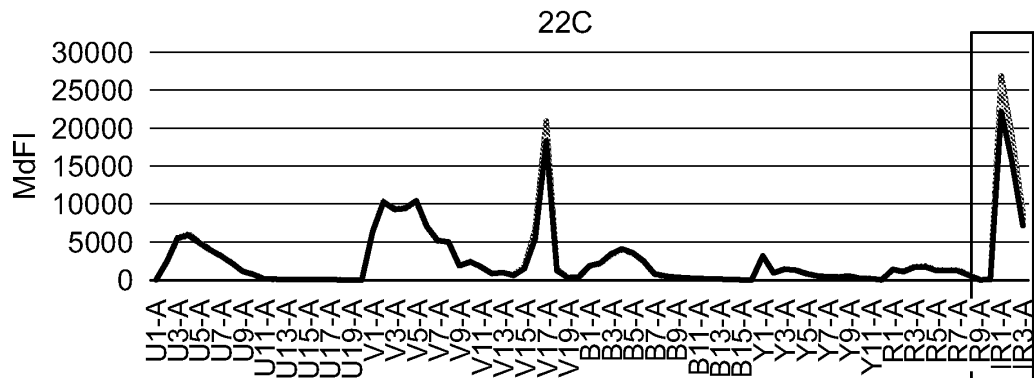


FIG. 17B

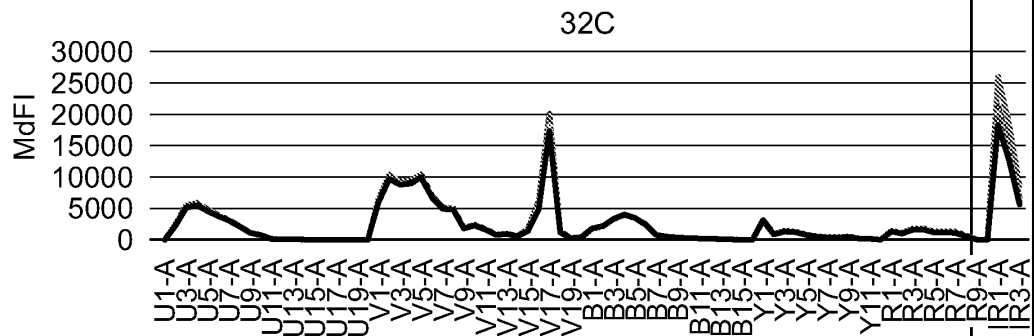


FIG. 17D

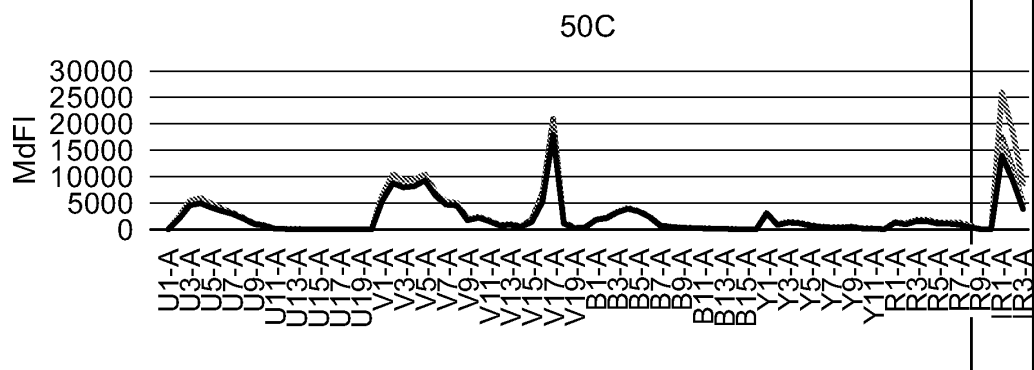


FIG. 17F

 Jade P2 Ctr
 Jade P2 Day 5 50C
 Jade P2 Day 7 50C
 Jade P2 Day 11 50C
 Jade P2 Day 14 50C
 Jade P2 Day 18 50C

MdFI for P4

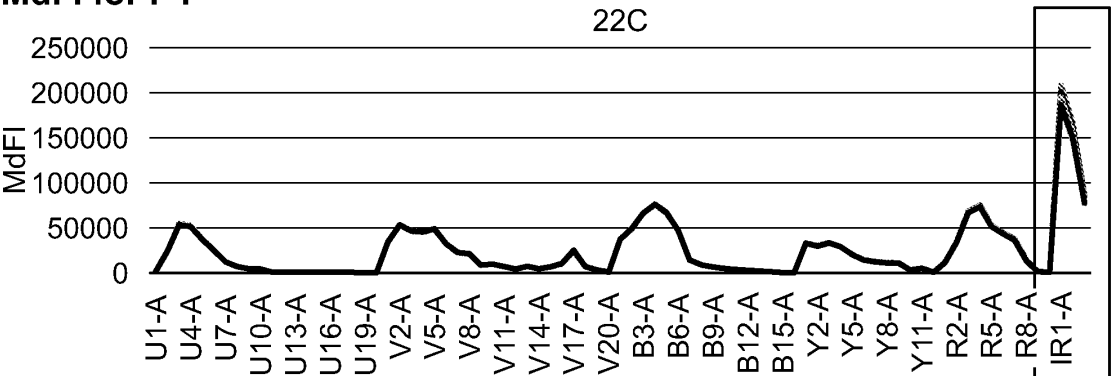


FIG. 17G

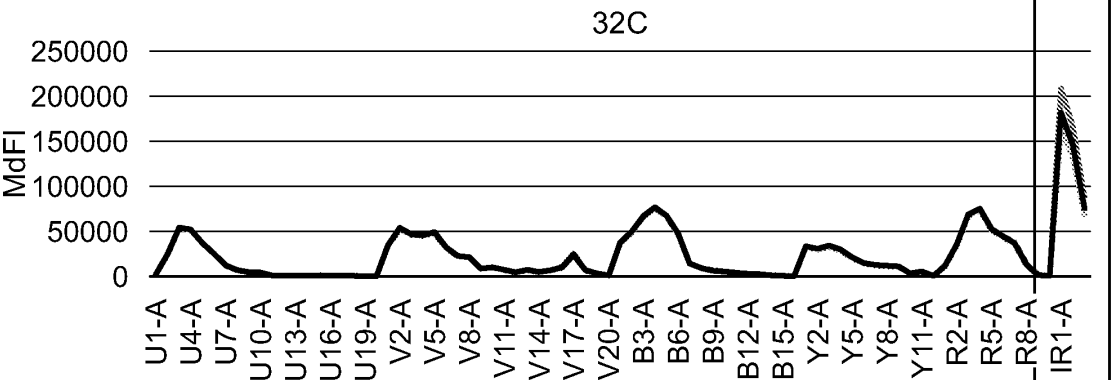


FIG. 17I

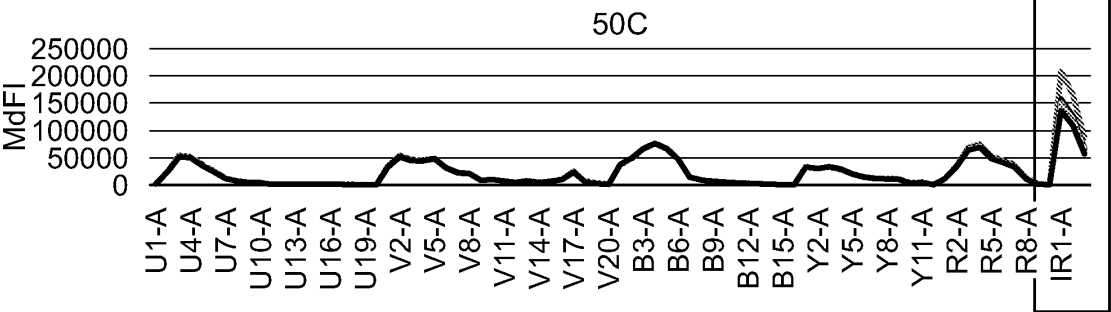


FIG. 17K

..... Aqua P4 Ctr — Aqua P4 Day 5 50C Aqua P4 Day 7 50C
..... Aqua P4 Day 11 50C Aqua P4 Day 14 50C — Aqua P4 Day 18 50C

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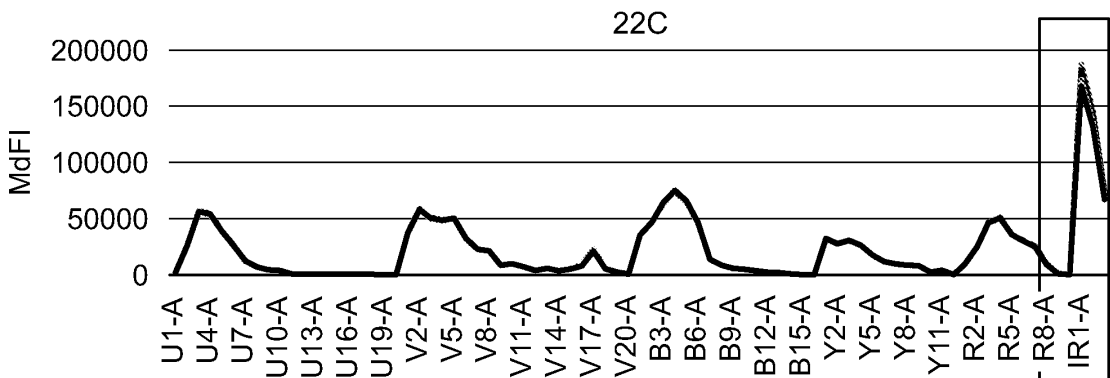


FIG. 17H

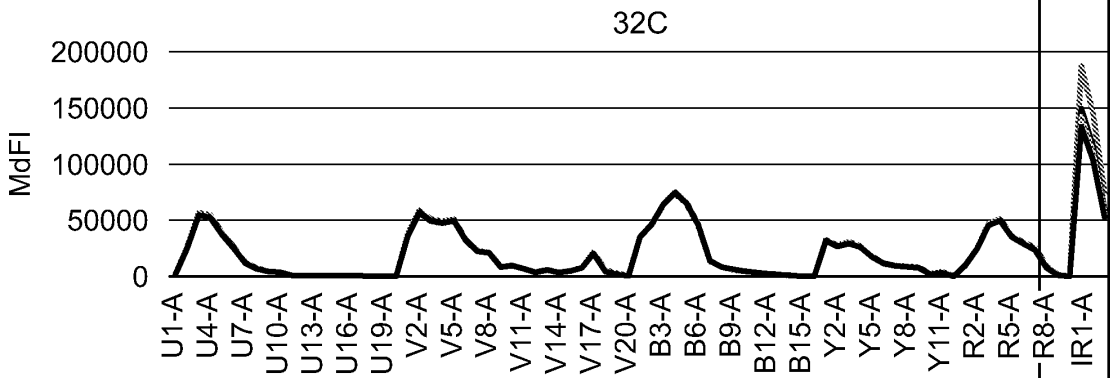


FIG. 17J

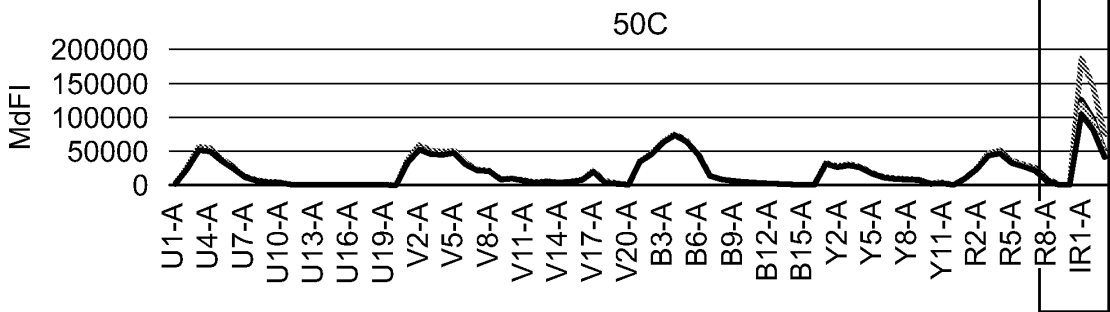
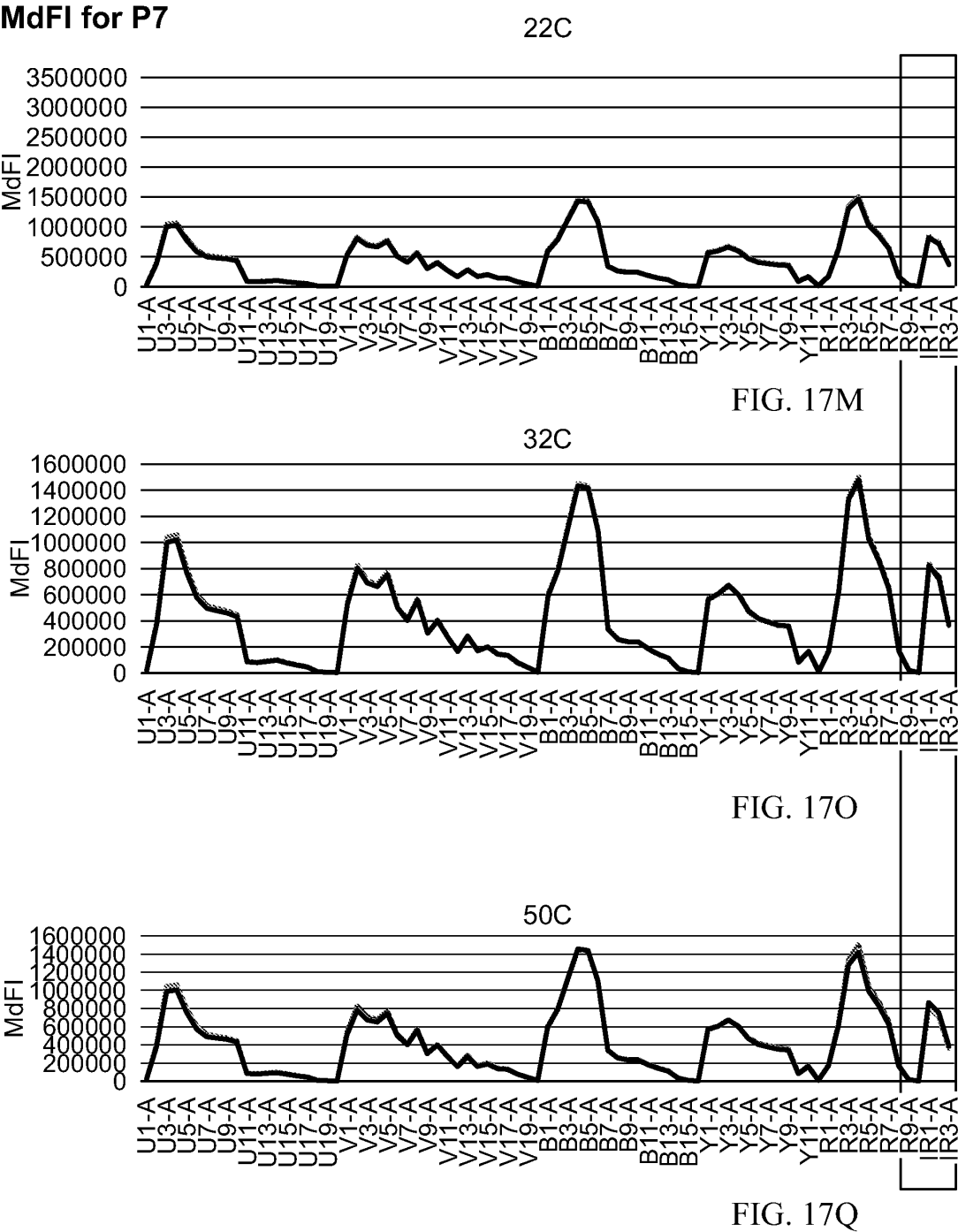


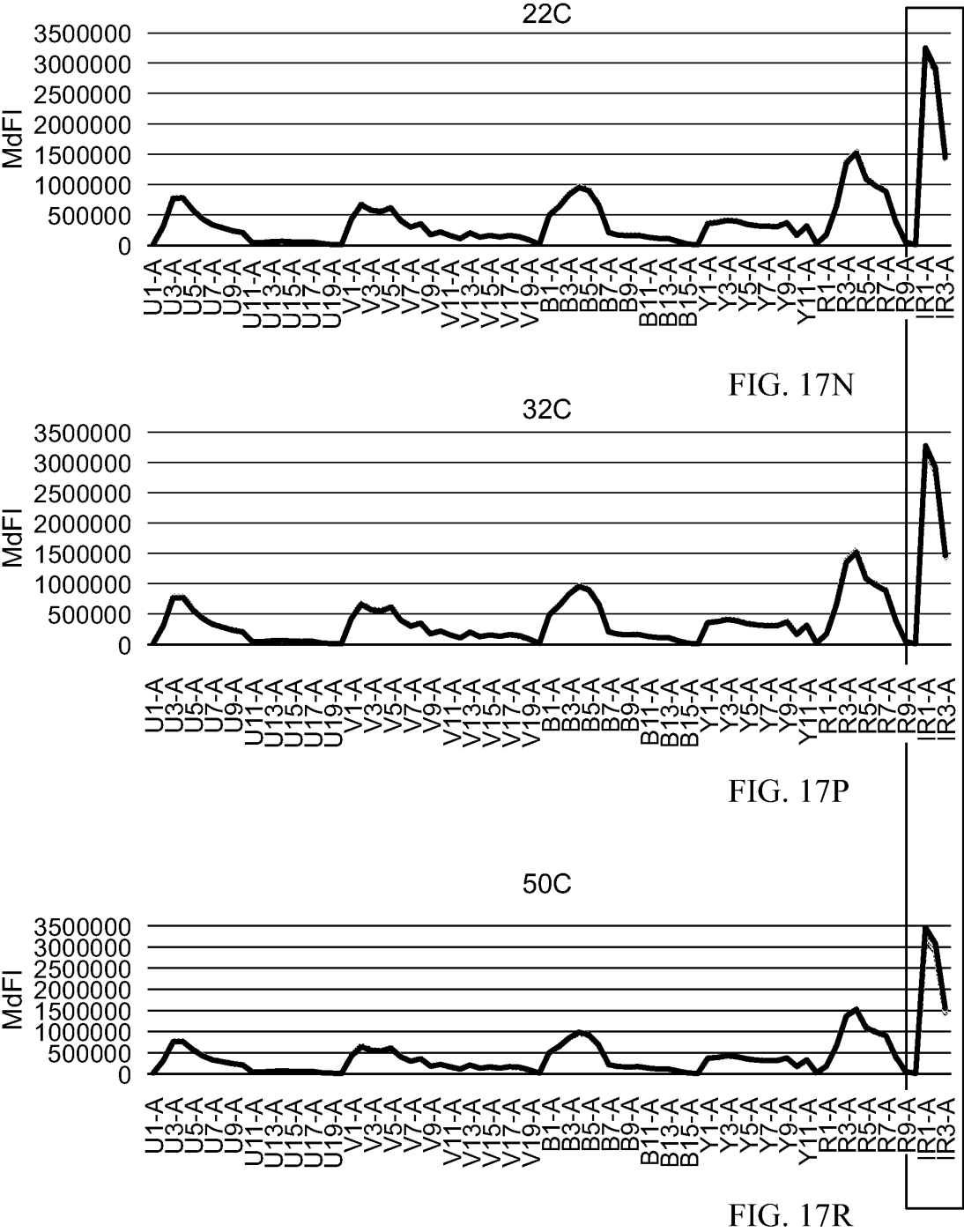
FIG. 17L

----- Jade P4 Ctr — Jade P4 Day 5 50C ----- Jade P4 Day 7 50C
----- Jade P4 Day 11 50C ----- Jade P4 Day 14 50C — Jade P4 Day 18 50C



----- Aqua P7 Ctr — Aqua P7 Day 5 50C ----- Aqua P7 Day 7 50C
----- Aqua P7 Day 11 50C ----- Aqua P7 Day 14 50C — Aqua P7 Day 18 50C

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----- Jade P7 Ctr — Jade P7 Day 5 50C Jade P7 Day 7 50C
----- Jade P7 Day 11 50C Jade P7 Day 14 50C — Jade P7 Day 18 50C

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

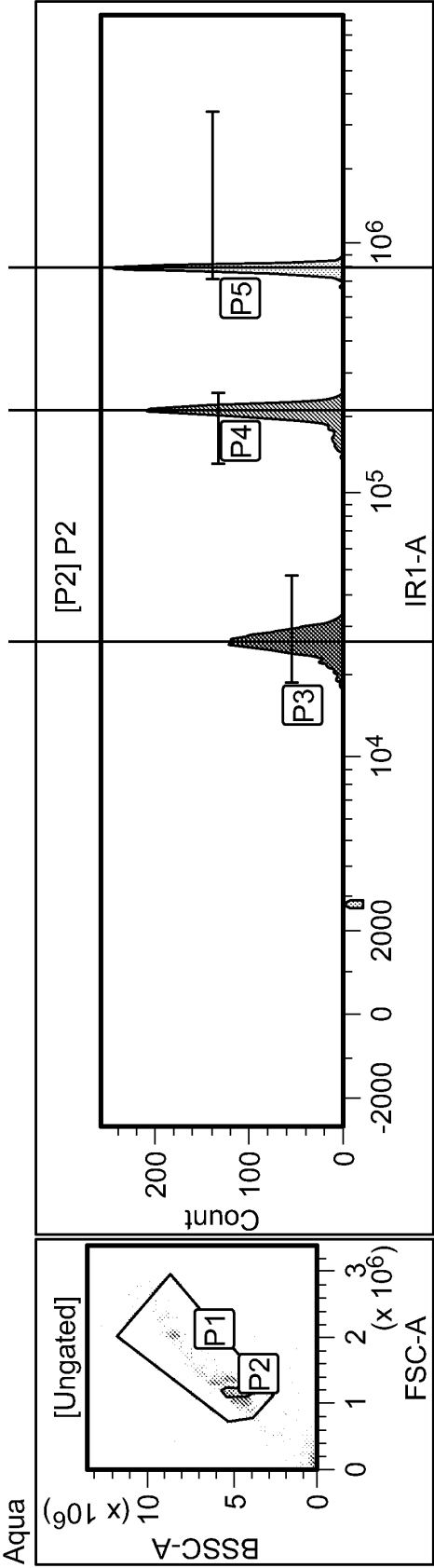


FIG. 17S

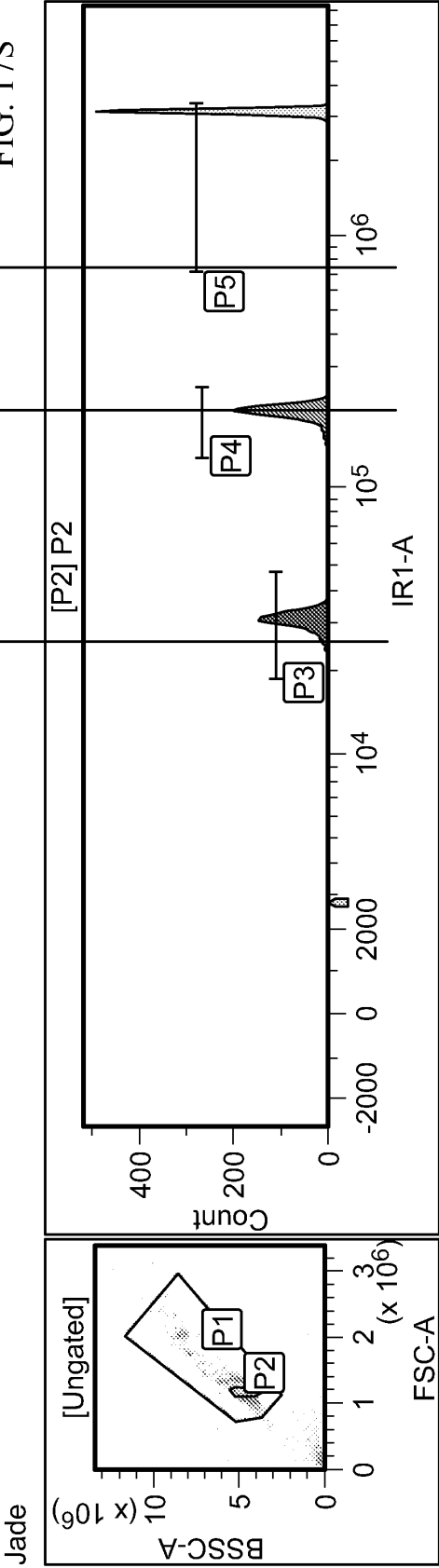
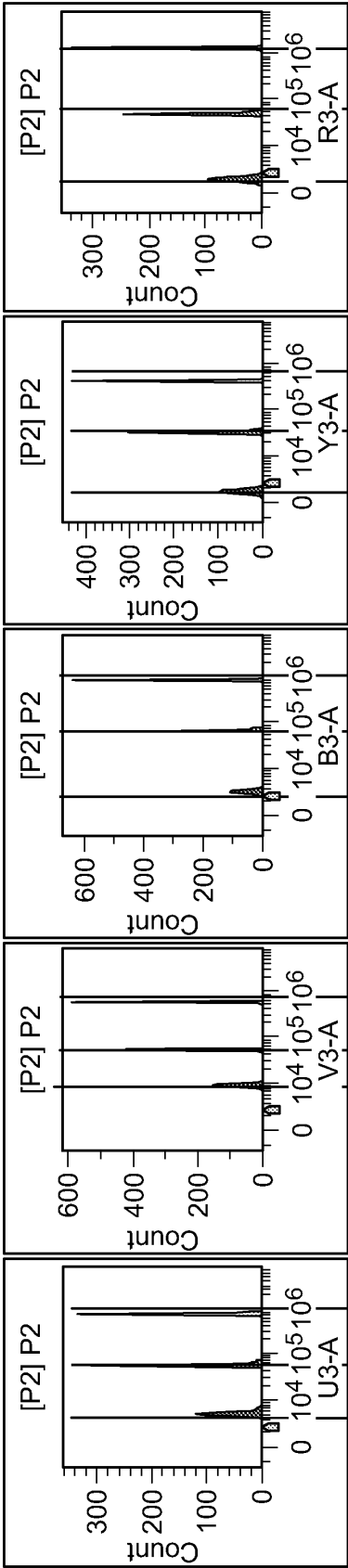


FIG. 17T

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

Jade

FIG. 17U



Aqua

FIG. 17V

