

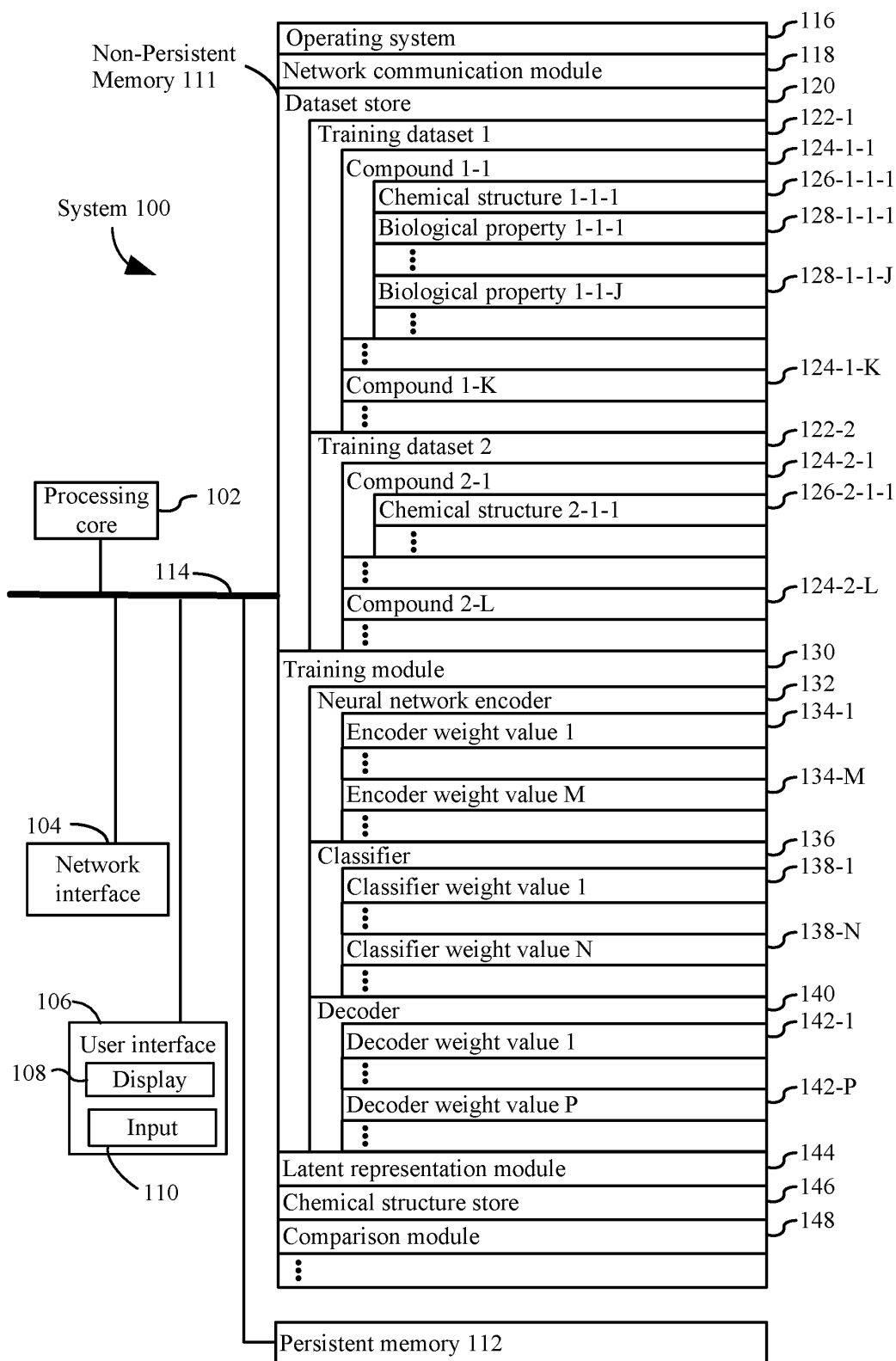
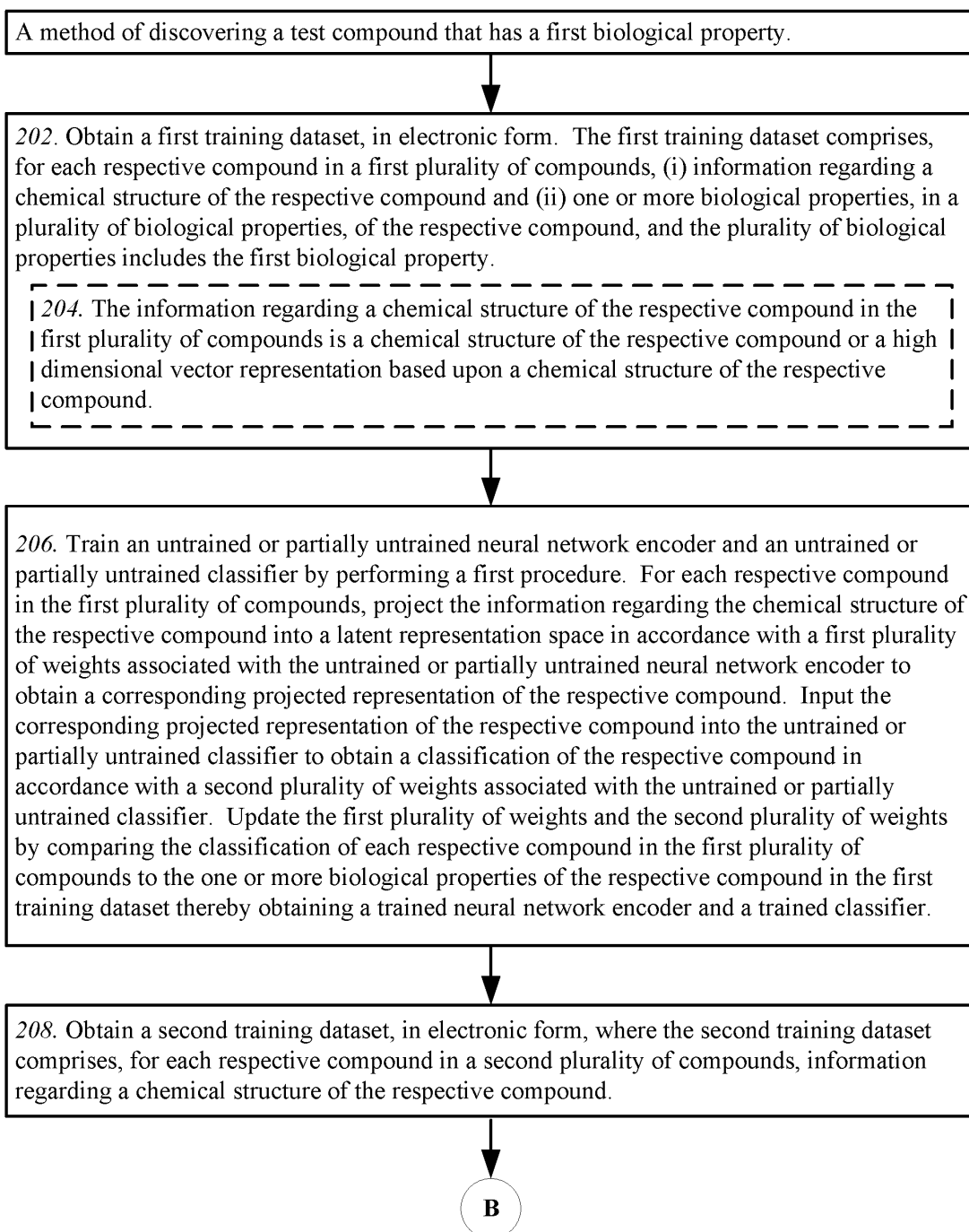


Figure 1

200**Figure 2A**

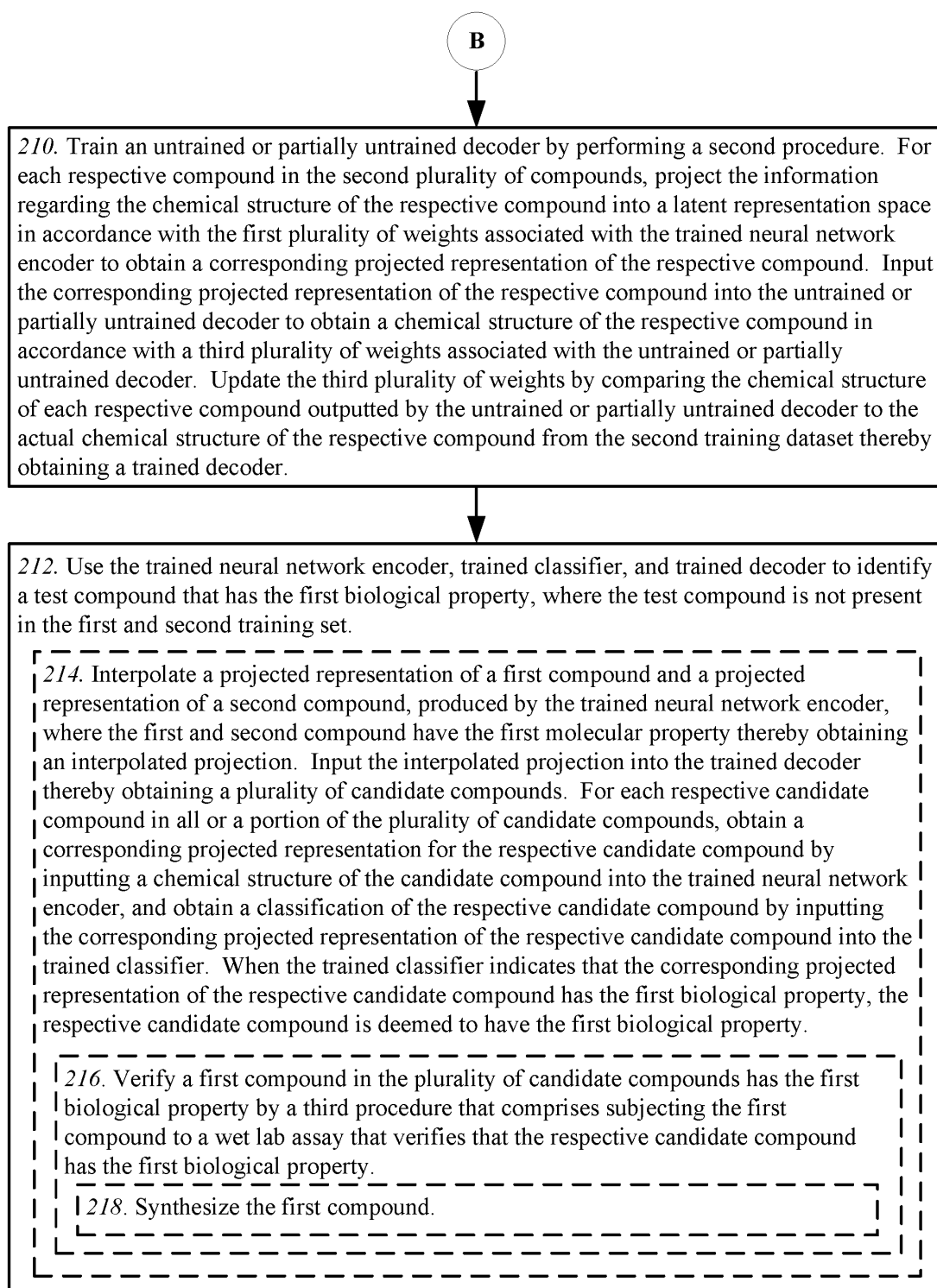


Figure 2B

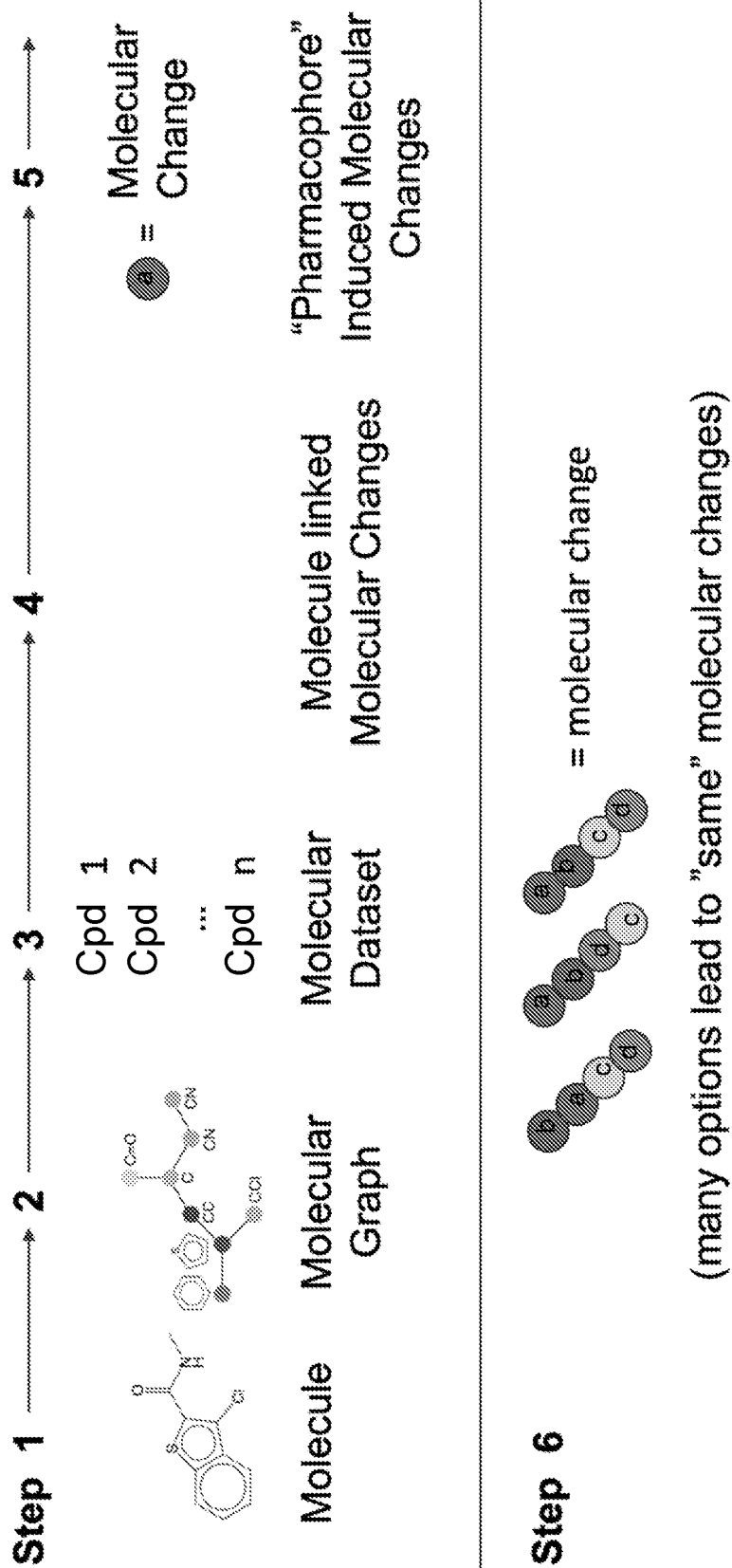
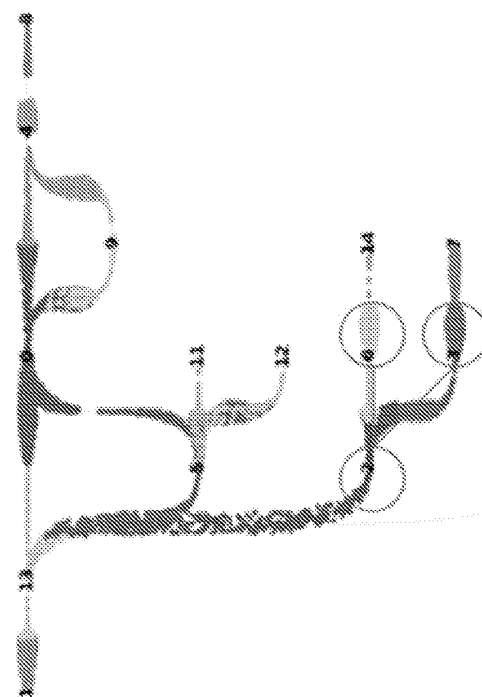


Figure 3

Algorithm

Optimize molecules for a given transition Optimize molecule for ONLY on-cell effects

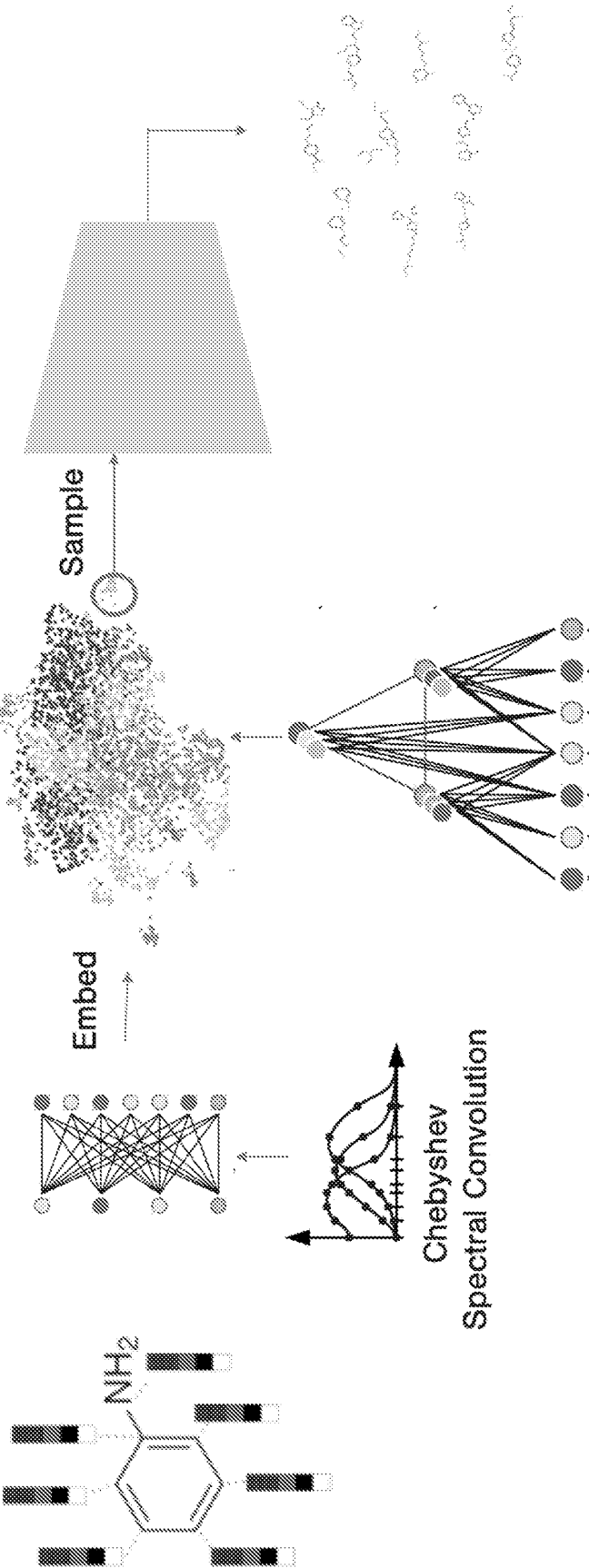


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11	3,11	11	4	0	9
3,11	m	8	m	1	10
6	12	12	7	2	11
0	12	0	m	3	12
10	1	13	16	4	13
				5	14
				6	15
				7	16
				8	17
					m
					mixed

Figure 4

1. Featurization 2. Encoding 3. Constrained Representation Learning 4. Generative Modeling



Desired Cell State Change
and other constraints

Figure 5

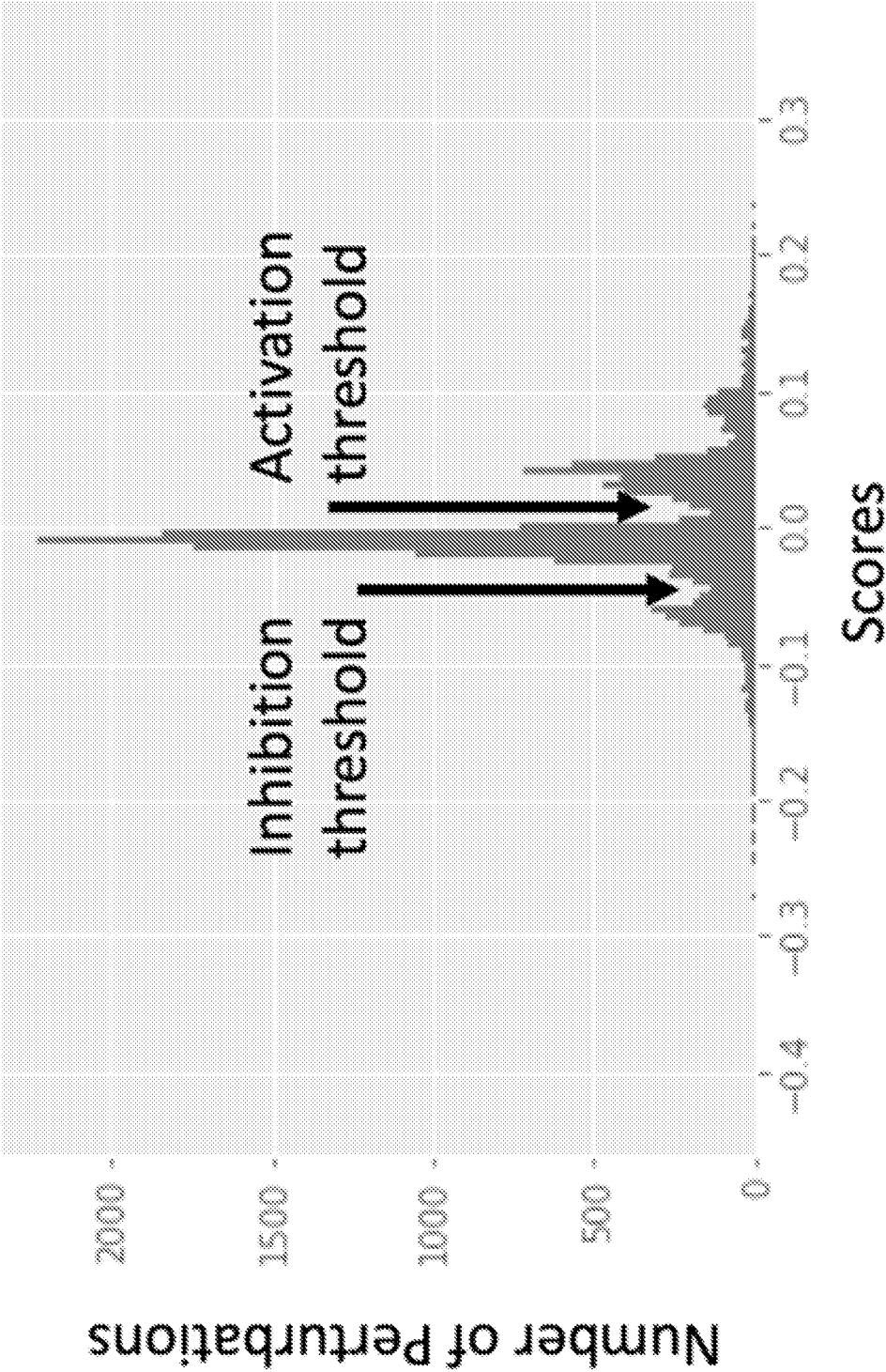
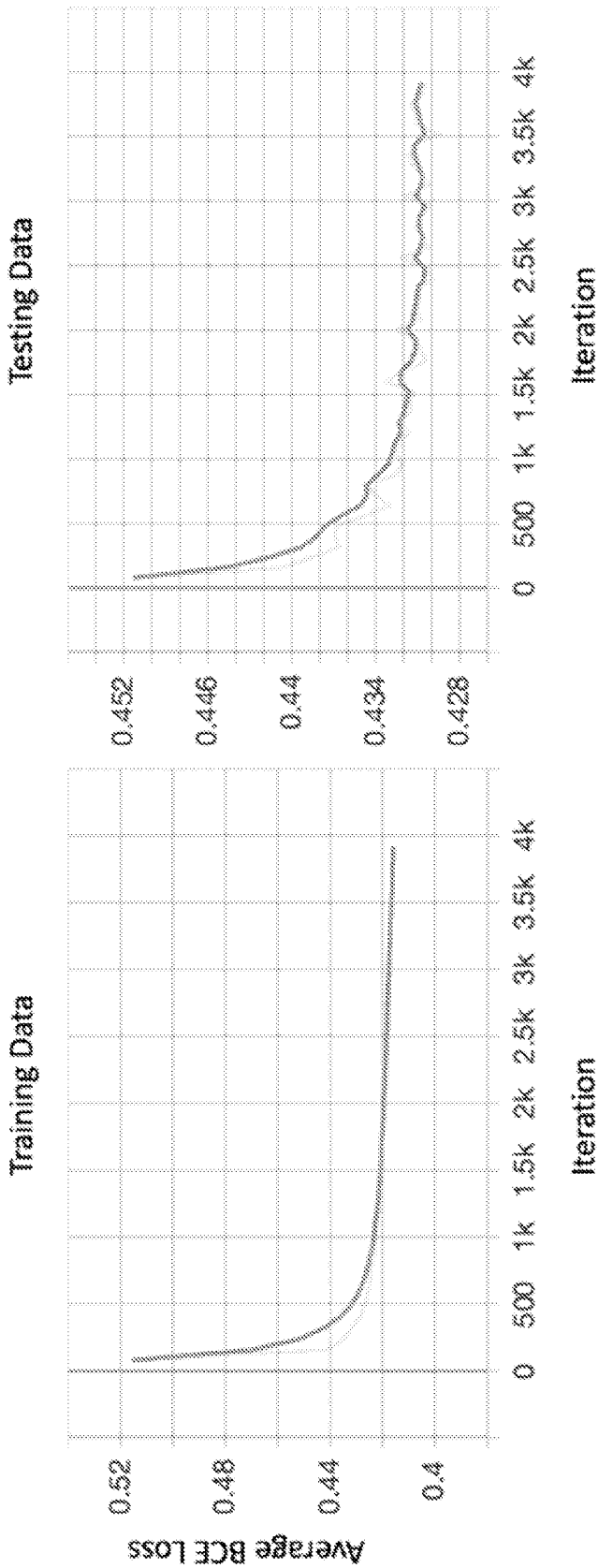


Figure 6



SUBSTITUTE SHEET (RULE 26)

Figure 7

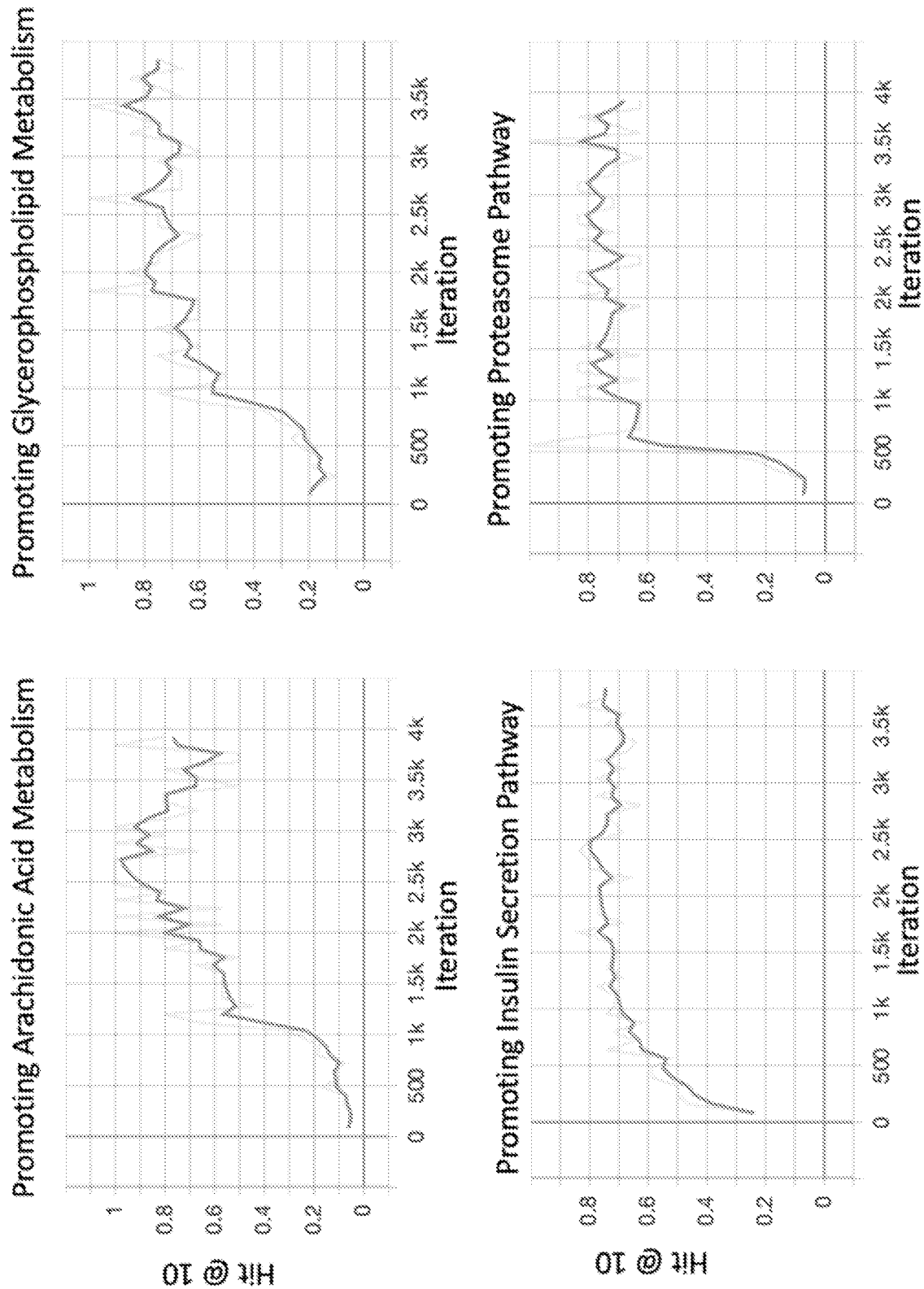


Figure 8

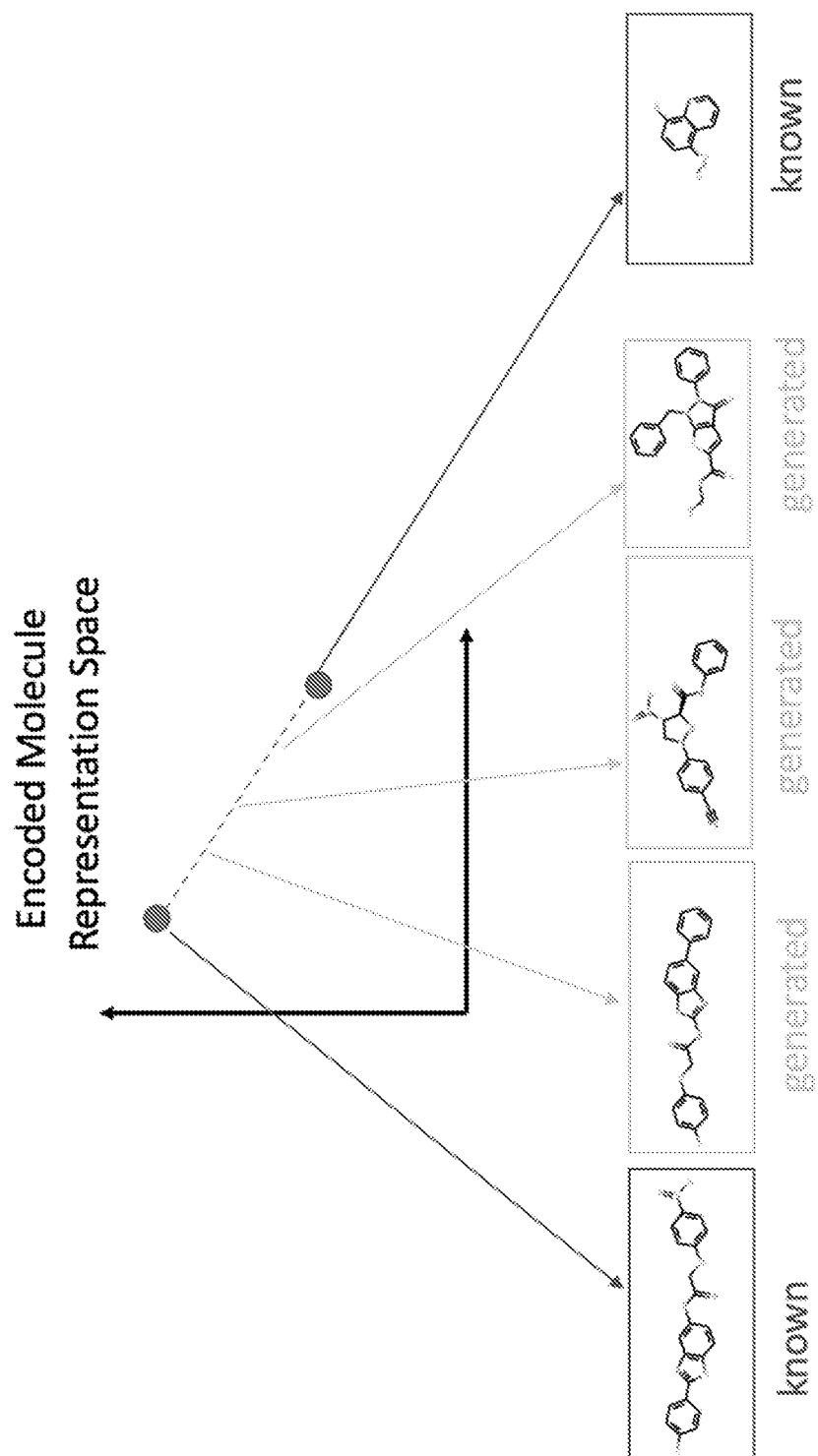
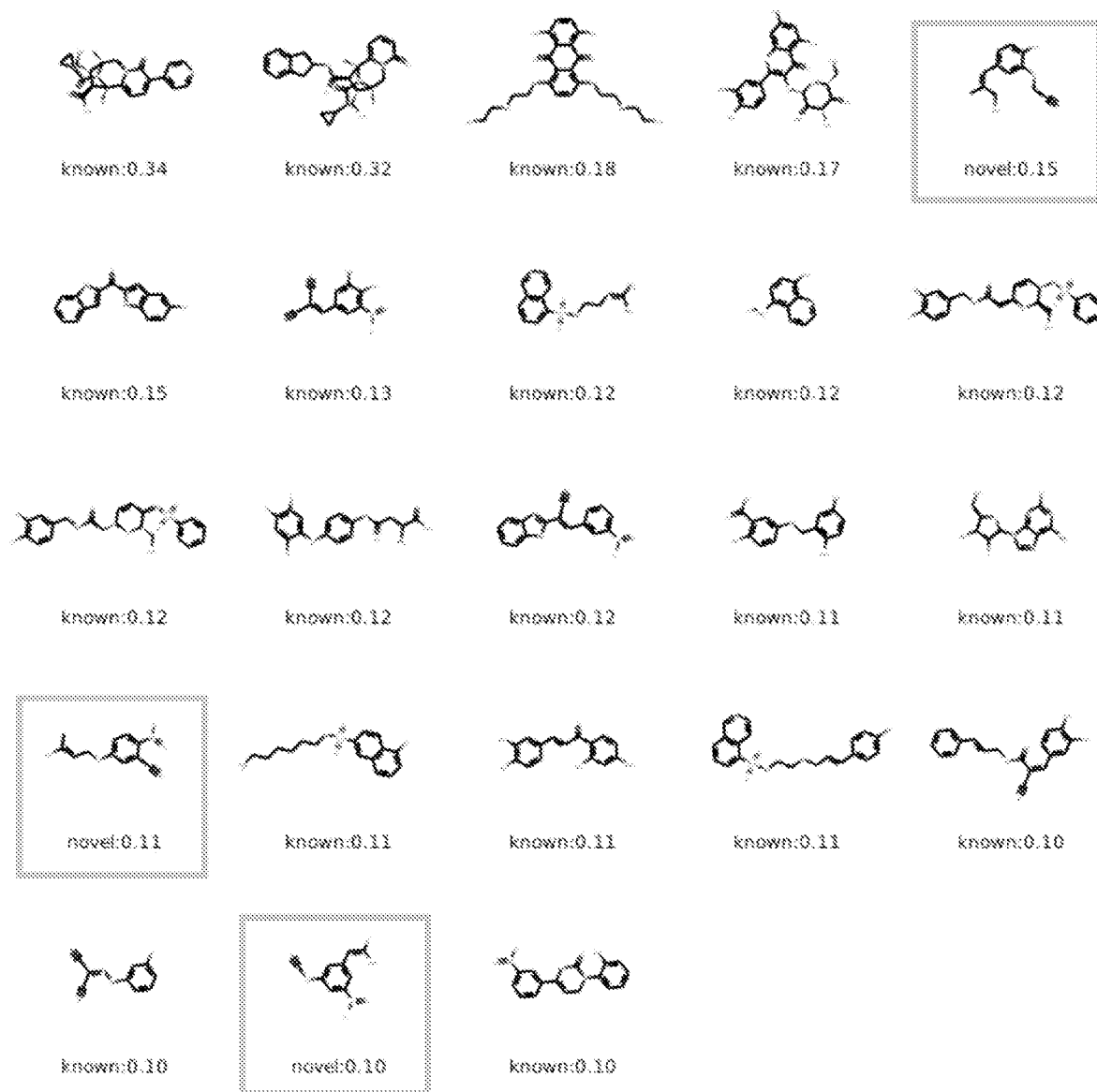


Figure 9

Promoting Arachidonic Acid Metabolism

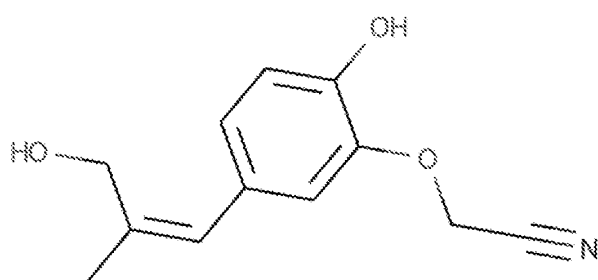


A

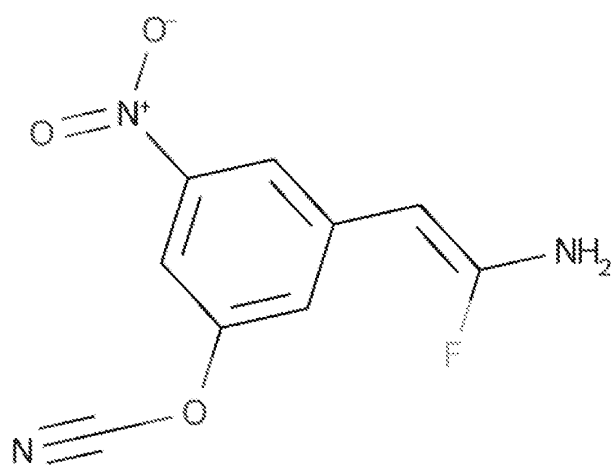
Figure 10A

SUBSTITUTE SHEET (RULE 26)

B



C



D

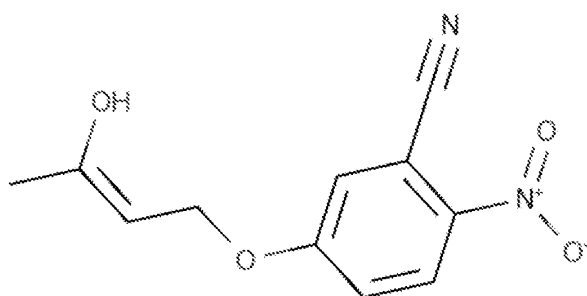
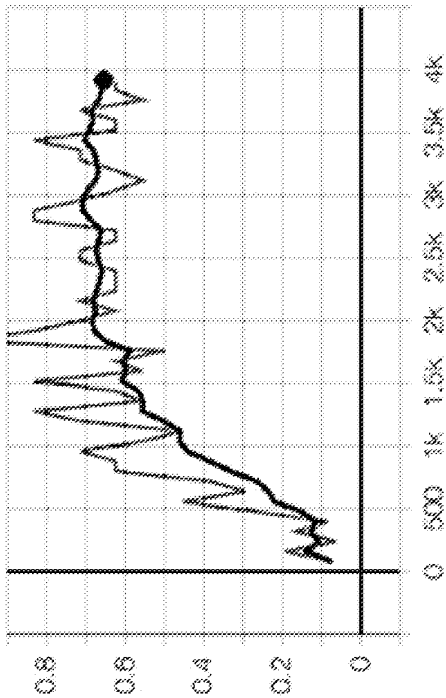
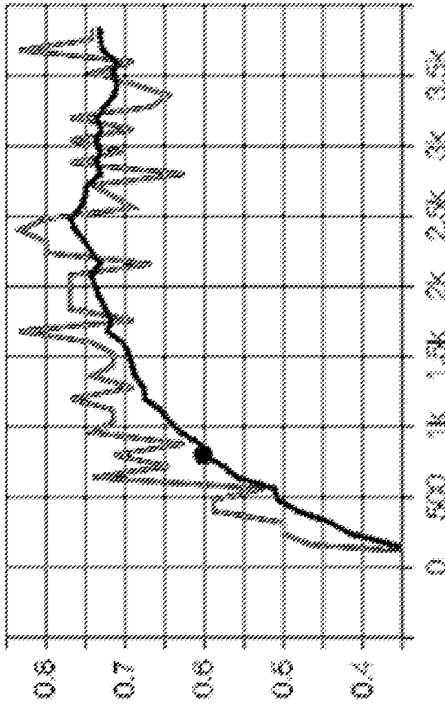


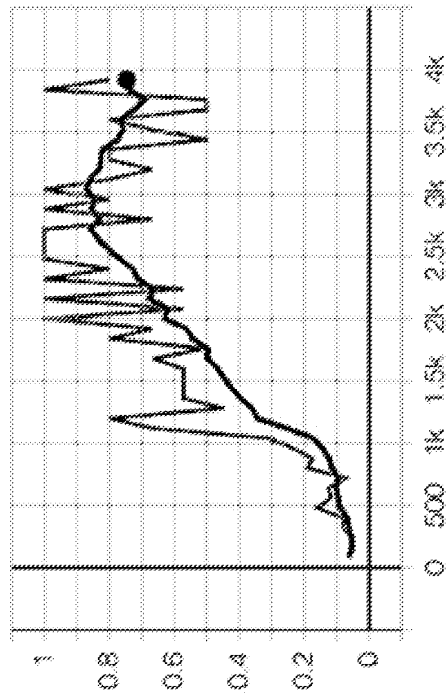
Figure
10B-D



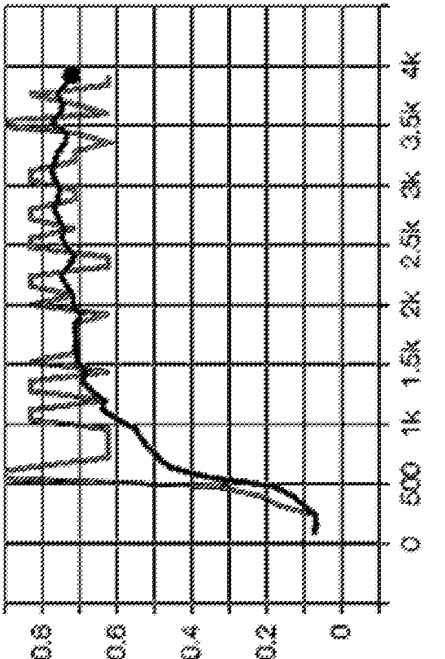
A



B



C

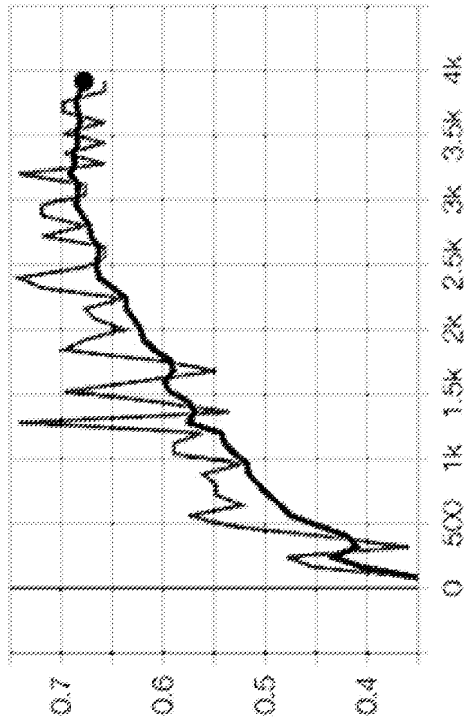


D

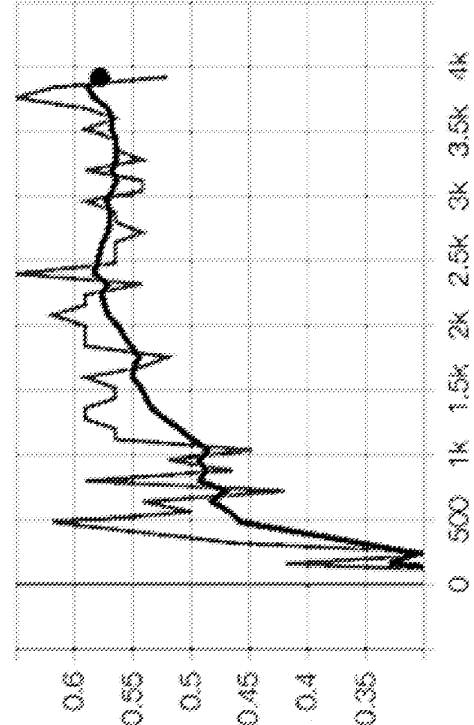
Figure 11A-D

WO 2021/146432

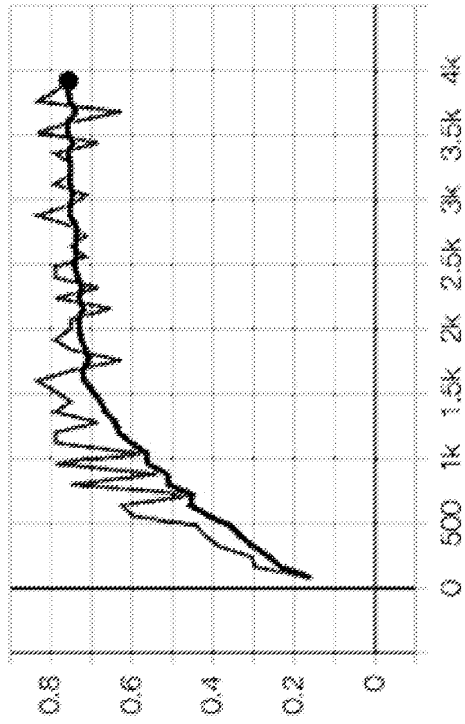
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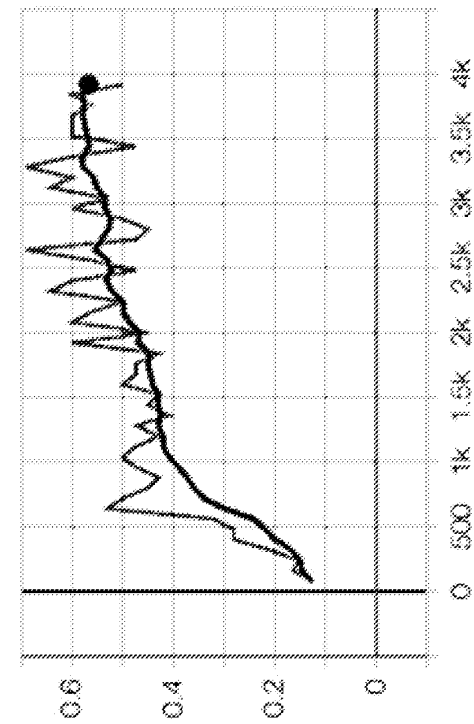
F



H



E



G

Figure 11E-H

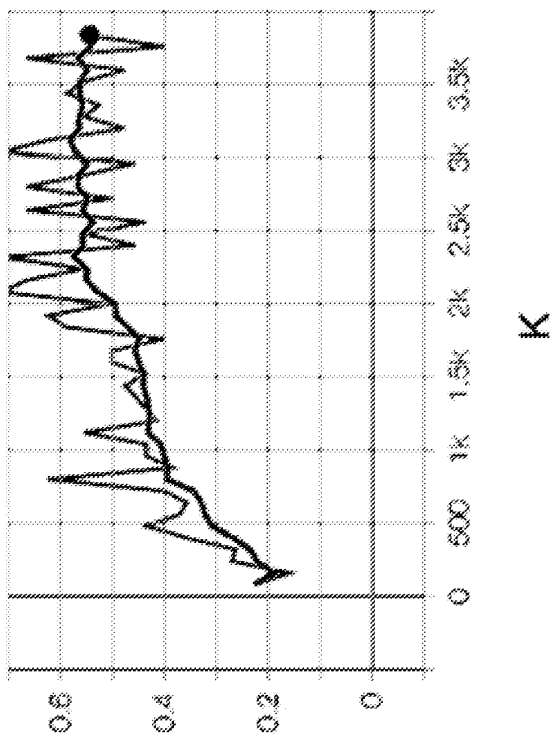
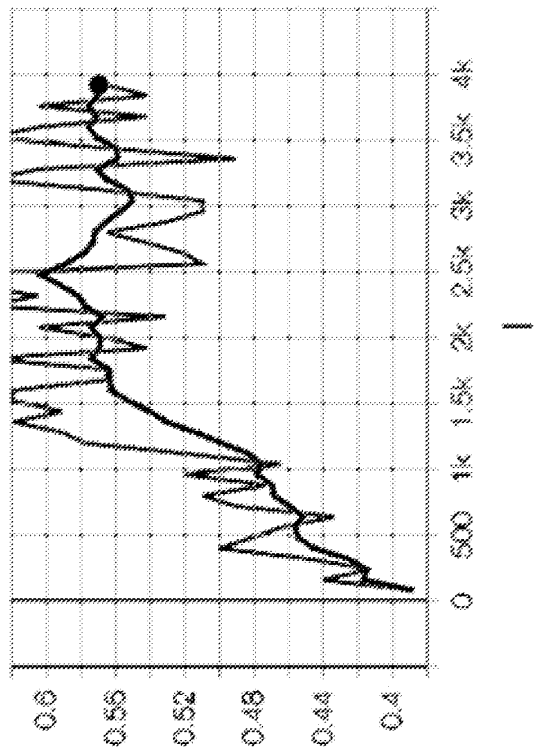
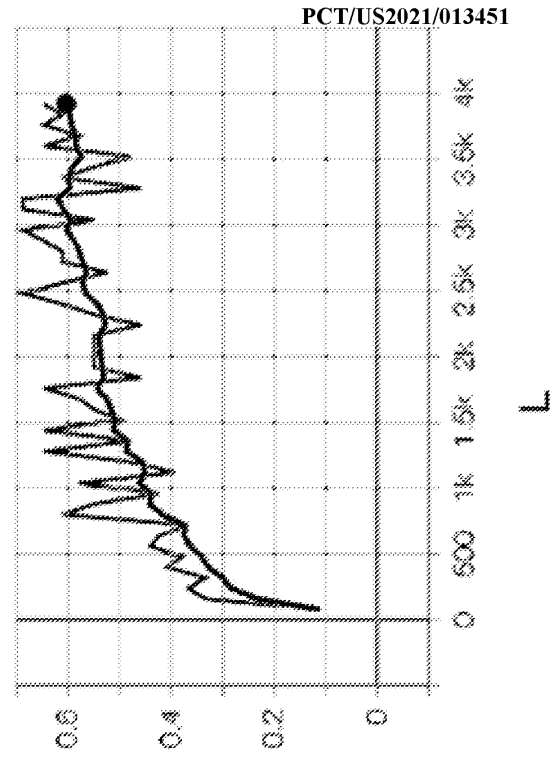
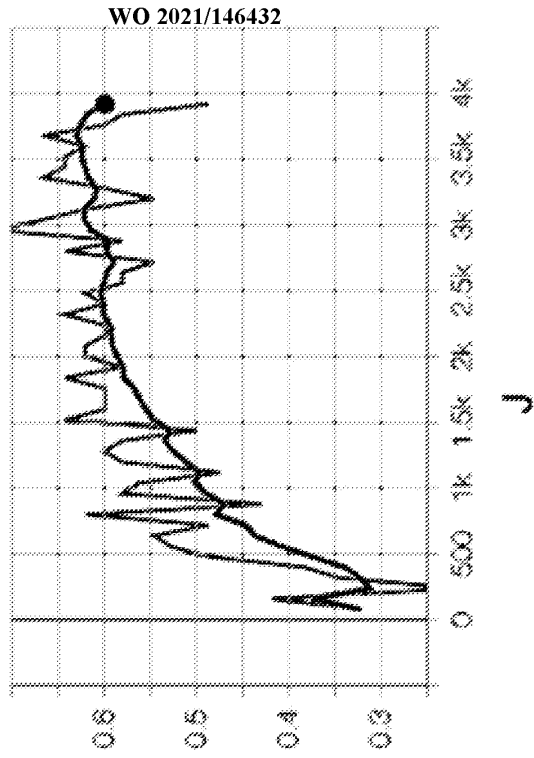


Figure 11I-L